

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024113.D
 Acq On : 16 Dec 2019 17:57
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:20 PM

Quant Time: Dec 16 18:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	386359	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1660923	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1100016	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2385442	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2386947	20.00	ng	0.00
87) Perylene-d12	23.22	264	2729775	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2624302	107.72	ng	0.00
7) Phenol-d6	6.66	99	4021737	128.53	ng	0.00
23) Nitrobenzene-d5	8.62	82	4258553	142.33	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1958624	142.63	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	9514666	119.11	ng	0.00
79) Terphenyl-d14	19.53	244	13235200	107.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	546879	55.790	ng	# 100
3) Pyridine	3.43	79	1499029	58.017	ng	98
4) n-Nitrosodimethylamine	3.35	42	520834	55.372	ng	94
6) Aniline	6.80	93	2553337	68.057	ng	99
8) 2-Chlorophenol	7.03	128	1537850	61.958	ng	99
9) Benzaldehyde	6.61	77	855142	47.998	ng	97
10) Phenol	6.68	94	2078068	70.545	ng	98
11) bis(2-Chloroethyl)ether	6.90	93	1602846	69.257	ng	99
12) 1,3-Dichlorobenzene	7.35	146	1727974	58.249	ng	100
13) 1,4-Dichlorobenzene	7.49	146	1752116	58.341	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1723159	60.183	ng	99
15) Benzyl Alcohol	7.71	79	1587605	81.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1936279	57.594	ng	99
17) 2-Methylphenol	7.92	107	1403433	71.979	ng	98
18) Hexachloroethane	8.52	117	662313	60.128	ng	98
19) n-Nitroso-di-n-propylamine	8.27	70	1484076	84.938	ng	98
20) 3+4-Methylphenols	8.25	107	1954717	75.268	ng	97
22) Acetophenone	8.28	105	2699731	65.850	ng	# 99
24) Nitrobenzene	8.66	77	2067661	72.225	ng	98
25) Isophorone	9.18	82	3842303	78.099	ng	100
26) 2-Nitrophenol	9.36	139	944518	76.425	ng	98
27) 2,4-Dimethylphenol	9.43	122	1328907	64.230	ng	98
28) bis(2-Chloroethoxy)methane	9.66	93	2425307	71.240	ng	99
29) 2,4-Dichlorophenol	9.89	162	1597904	68.310	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	1775285	61.685	ng	99
31) Naphthalene	10.27	128	5287620	64.431	ng	99
32) Benzoic acid	9.65	122	1260723m	94.675	ng	
33) 4-Chloroaniline	10.40	127	2393231	67.165	ng	98
34) Hexachlorobutadiene	10.56	225	1024945	59.743	ng	99
35) Caprolactam	11.23	113	606887m	87.513	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1881214	82.429	ng	100
37) 2-Methylnaphthalene	11.90	142	3949253	69.134	ng	99
38) 1-Methylnaphthalene	12.13	142	3757978	69.304	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1979420	53.106	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024113.D
 Acq On : 16 Dec 2019 17:57
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:20 PM

Quant Time: Dec 16 18:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	782836	38.494	nq	100
43) 2,4,6-Trichlorophenol	12.54	196	1350460	62.775	nq	100
44) 2,4,5-Trichlorophenol	12.62	196	1384872	61.775	nq	97
46) 1,1'-Biphenyl	12.95	154	5256684	57.740	nq	99
47) 2-Chloronaphthalene	12.98	162	4163263	61.354	nq	99
48) 2-Nitroaniline	13.20	65	1432141	81.051	nq	97
49) Acenaphthylene	13.84	152	6487761	64.564	nq	100
50) Dimethylphthalate	13.60	163	5393437	67.846	nq	100
51) 2,6-Dinitrotoluene	13.72	165	1181500	71.053	nq	97
52) Acenaphthene	14.19	154	3971235	60.408	nq	100
53) 3-Nitroaniline	14.05	138	1341538	70.080	nq	97
54) 2,4-Dinitrophenol	14.26	184	699756	89.127	nq	99
55) Dibenzofuran	14.52	168	6224708	64.858	nq	100
56) 4-Nitrophenol	14.38	139	1002509	68.134	nq	97
57) 2,4-Dinitrotoluene	14.52	165	1686896	77.437	nq	99
58) Fluorene	15.18	166	5234388	67.116	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1263874	64.645	nq	100
60) Diethylphthalate	14.97	149	5448627	70.489	nq	99
61) 4-Chlorophenyl-phenylether	15.18	204	2594157	64.736	nq	99
62) 4-Nitroaniline	15.22	138	1328429	66.191	nq	99
63) Azobenzene	15.47	77	5267602	75.463	nq	99
65) 4,6-Dinitro-2-methylphenol	15.29	198	897461	80.334	nq	98
66) n-Nitrosodiphenylamine	15.40	169	4482721	61.513	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	1706244	64.309	nq	98
68) Hexachlorobenzene	16.19	284	2057817	66.508	nq	99
69) Atrazine	16.36	200	883253	37.283	nq	99
70) Pentachlorophenol	16.53	266	1004782	60.892	nq	99
71) Phenanthrene	16.92	178	8247517	61.274	nq	99
72) Anthracene	17.01	178	8072969	61.886	nq	100
73) Carbazole	17.29	167	7639126	62.930	nq	100
74) Di-n-butylphthalate	17.86	149	9410702	68.370	nq	99
75) Fluoranthene	18.94	202	9483074	62.435	nq	98
77) Benzidine	19.14	184	2450163	37.417	nq	100
78) Pyrene	19.31	202	9715420	62.108	nq	99
80) Butylbenzylphthalate	20.24	149	4574232	76.942	nq	96
81) Benzo(a)anthracene	21.07	228	9554123	61.758	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	3462597	63.115	nq	99
83) Chrysene	21.13	228	9178350	61.197	nq	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	6395903	72.609	nq	98
85) Di-n-octyl phthalate	21.88	149	10629002	75.710	nq	100
86) Indeno(1,2,3-cd)pyrene	25.34	276	10982325	61.351	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	10323877	62.463	nq	100
89) Benzo(k)fluoranthene	22.63	252	10263778	62.586	nq	98
90) Benzo(a)pyrene	23.13	252	9614467	63.129	nq	100
91) Dibenzo(a,h)anthracene	25.34	278	9159848	57.499	nq	99
92) Benzo(g,h,i)perylene	25.98	276	8395730	55.487	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

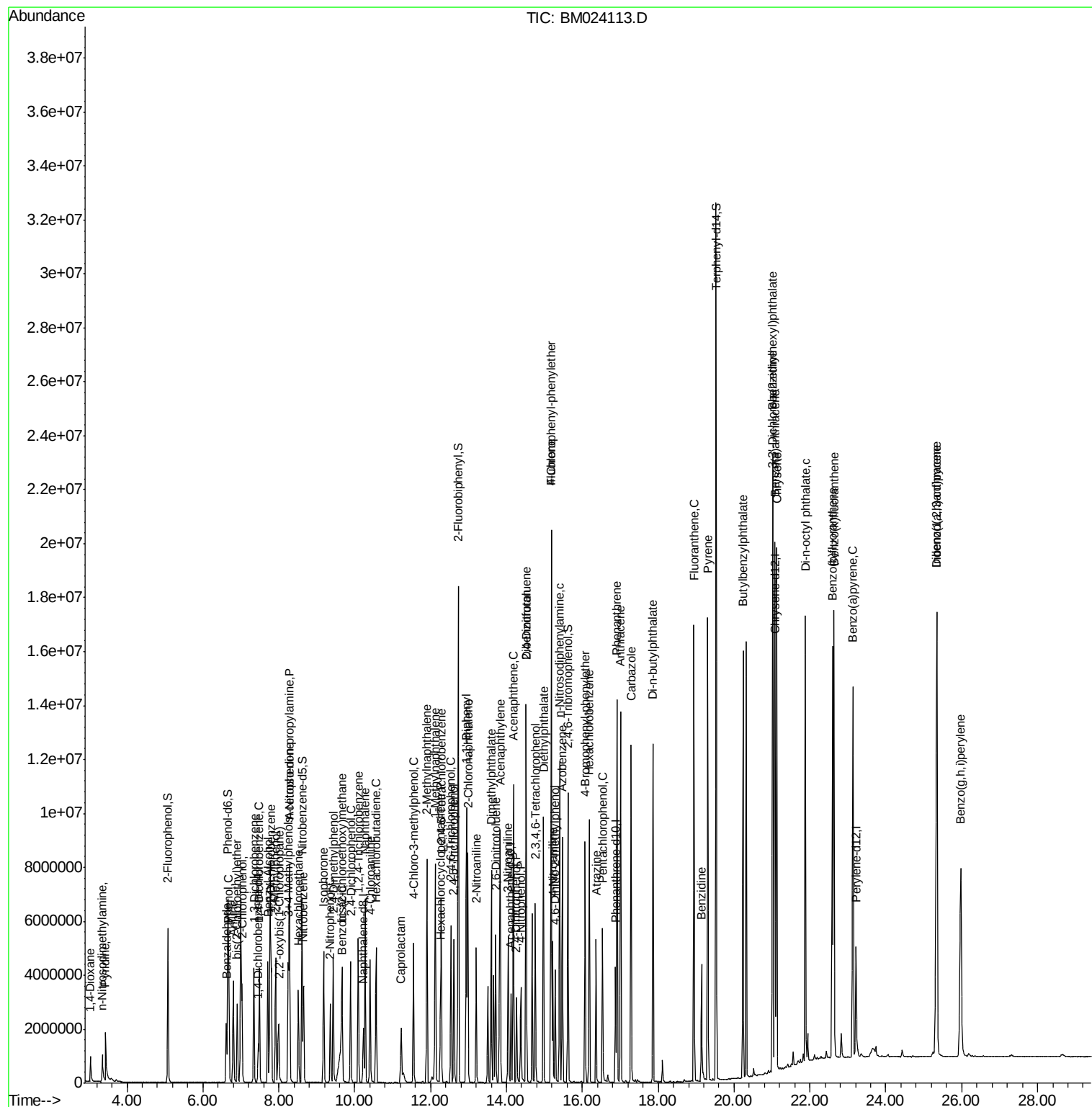
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024113.D
Acq On : 16 Dec 2019 17:57
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

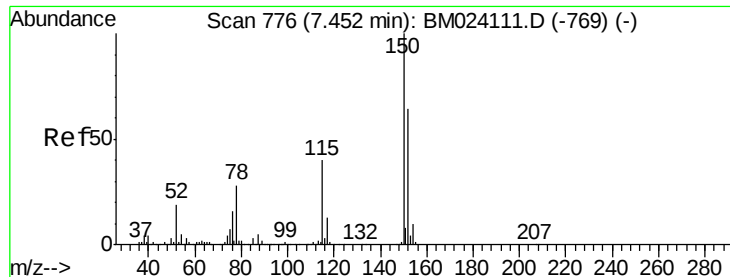
Instrument :
BNA_M
ClientSampleID :
SSTDICC060

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

Quant Time: Dec 16 18:31:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration





#1

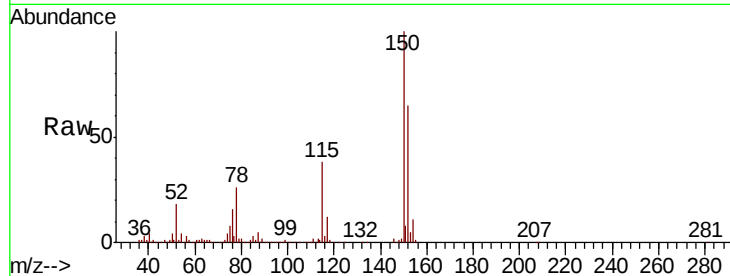
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.0	187.6
115	58.6	49.8	74.6

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

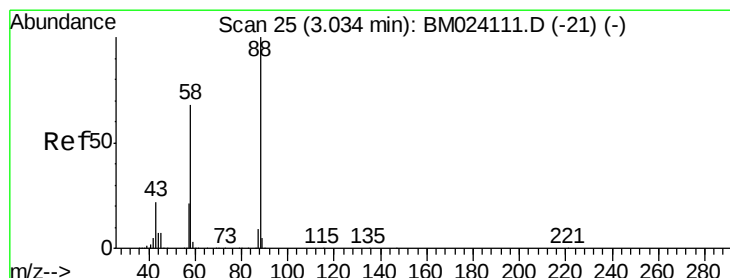
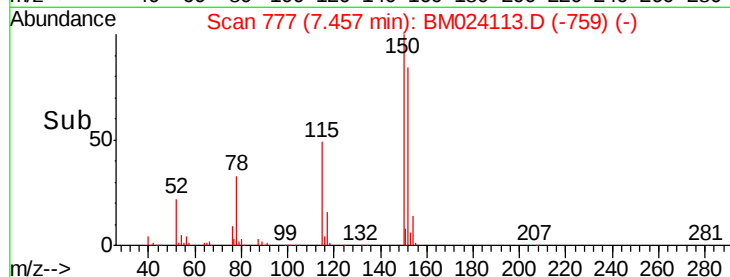
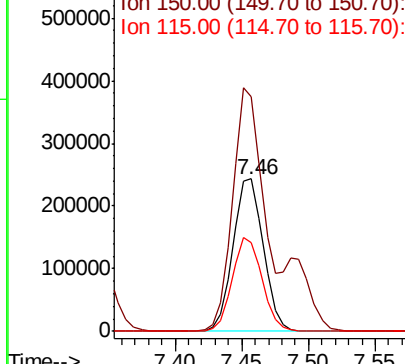


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

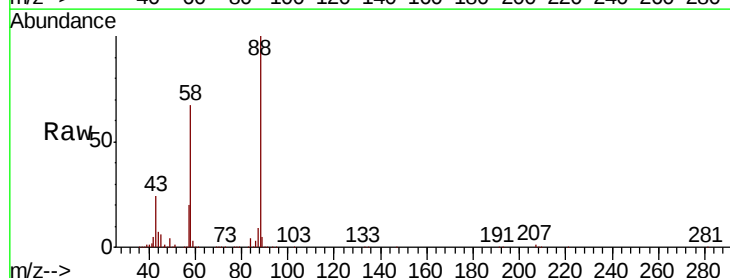
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 55.790 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	0.0	0.0#
43	23.0	0.0	0.0#

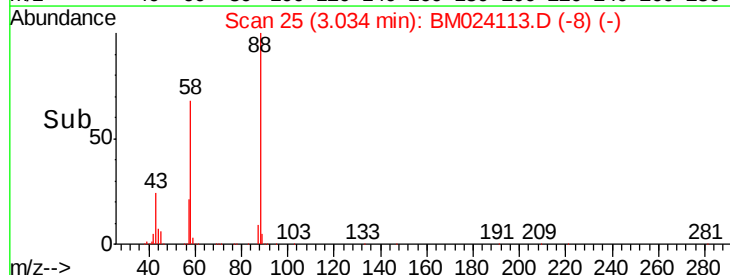
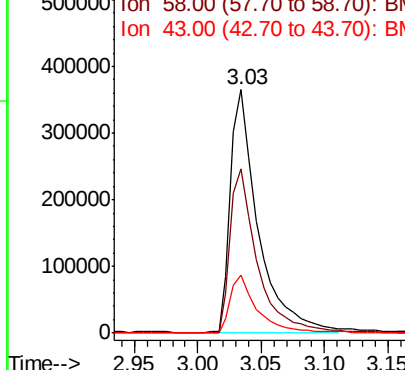


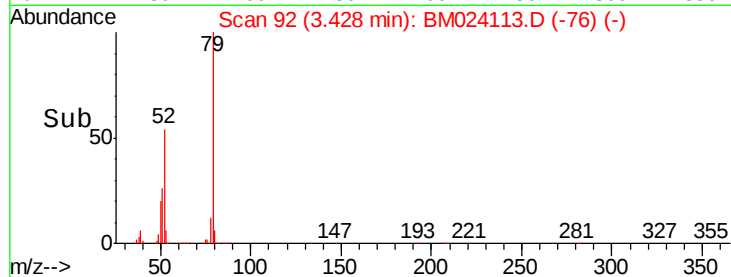
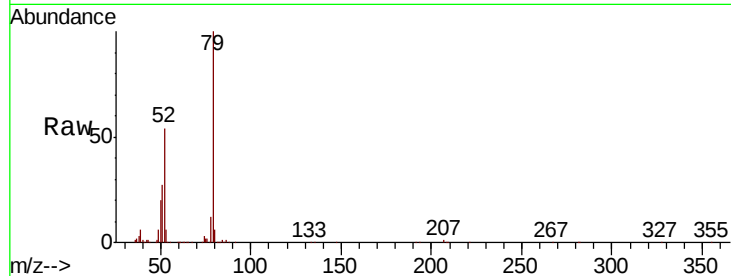
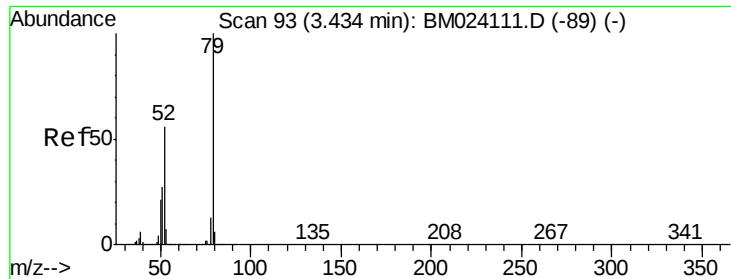
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





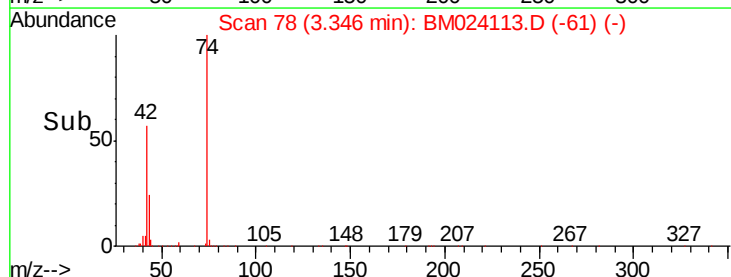
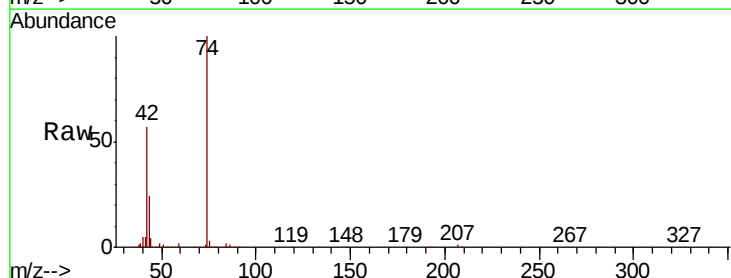
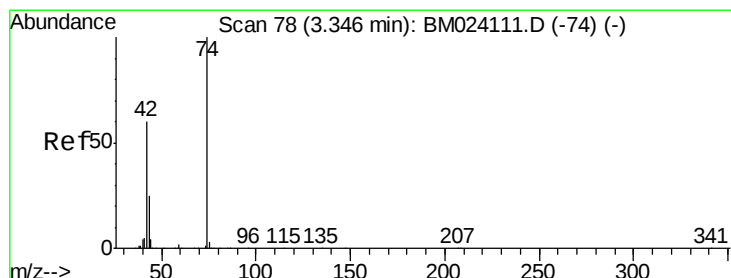
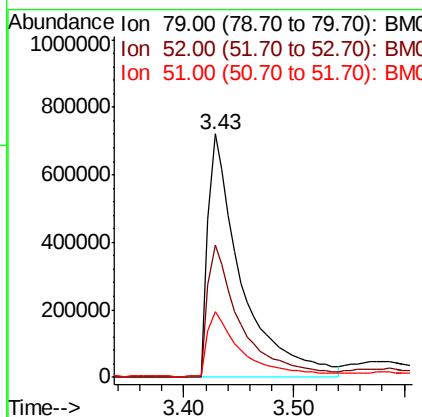
#3
Pvridine
Concen: 58.017 ng
RT: 3.43 min Scan# 92
Delta R.T. -0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tot Ion: 79 Resp: 1499029
Ion Ratio Lower Upper
79 100
52 54.1 44.5 66.7
51 26.7 22.6 33.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

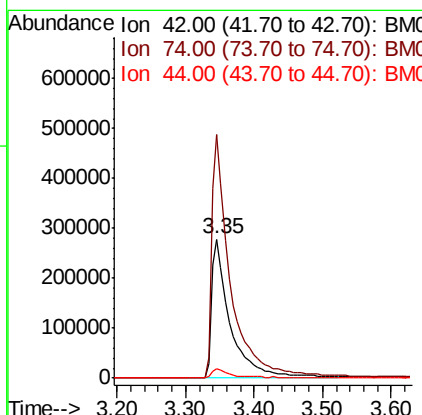
Manual Integrations
APPROVED

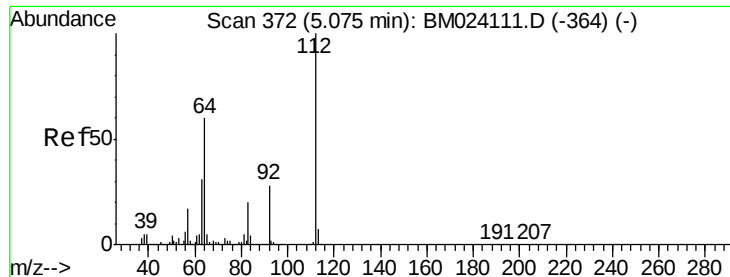
mohammad
12/17/2019 3:20:20 PM



#4
n-Nitrosodimethylamine
Concen: 55.372 ng
RT: 3.35 min Scan# 78
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion: 42 Resp: 520834
Ion Ratio Lower Upper
42 100
74 175.0 133.6 200.4
44 6.4 5.4 8.0





#5

2-Fluorophenol

Concen: 107.725 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:112 Resp: 2624302

Ion Ratio Lower Upper

112 100

64 59.5 48.4 72.6

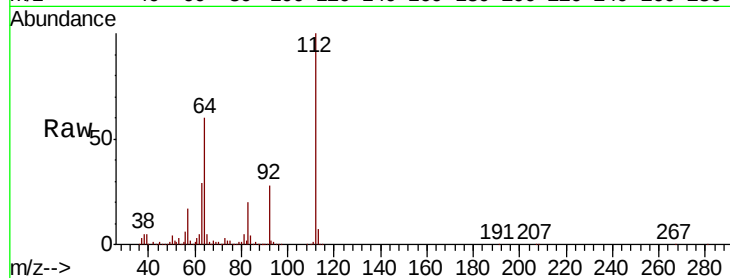
63 29.5 24.4 36.6

Manual Integrations

APPROVED

mohammad

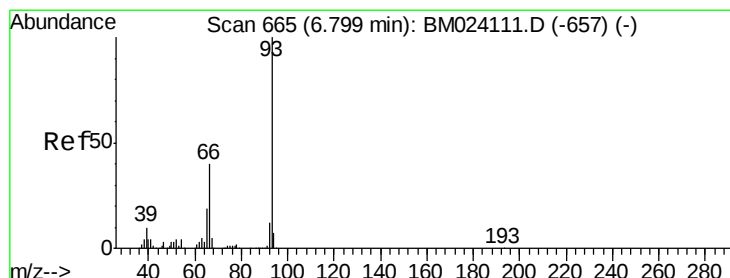
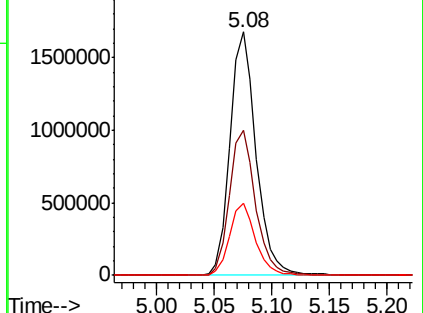
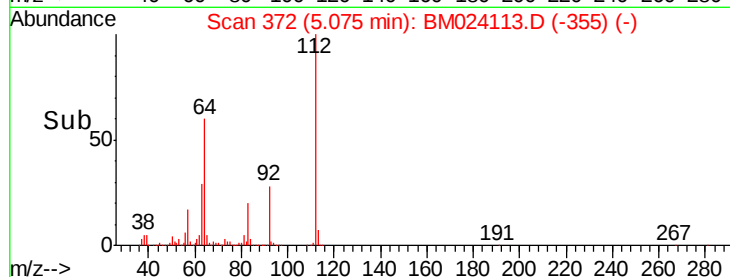
12/17/2019 3:20:20 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 68.057 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

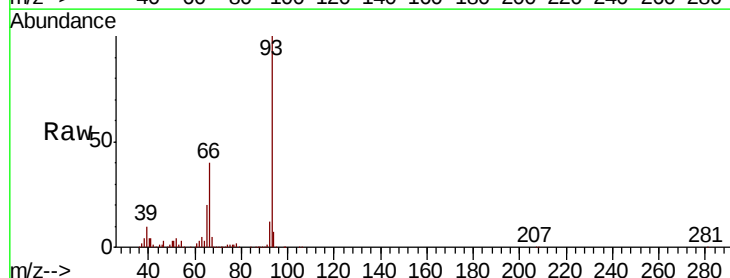
Tgt Ion: 93 Resp: 2553337

Ion Ratio Lower Upper

93 100

66 40.3 32.0 48.0

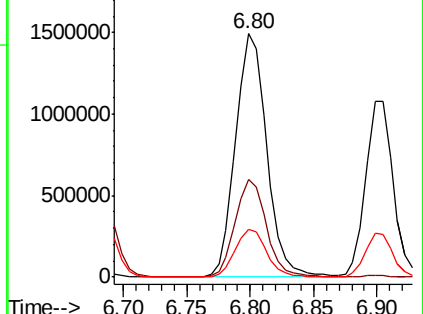
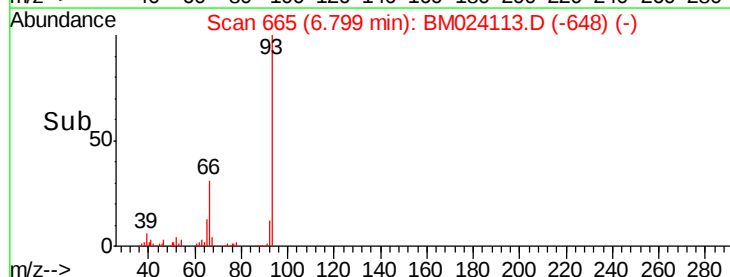
65 19.7 15.4 23.0

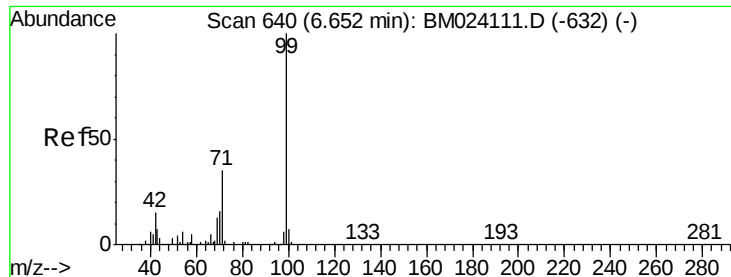


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.535 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 4021737

Ion Ratio Lower Upper

99 100

42 14.4 11.9 17.9

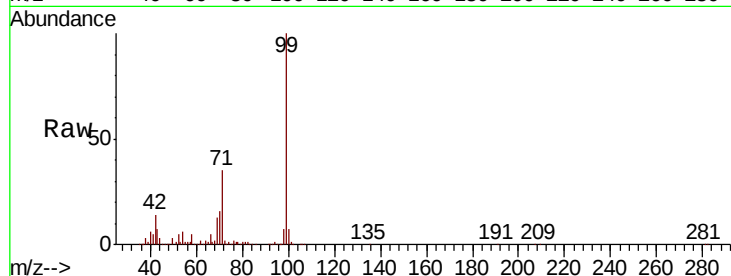
71 34.9 28.0 42.0

Manual Integrations

APPROVED

mohammad

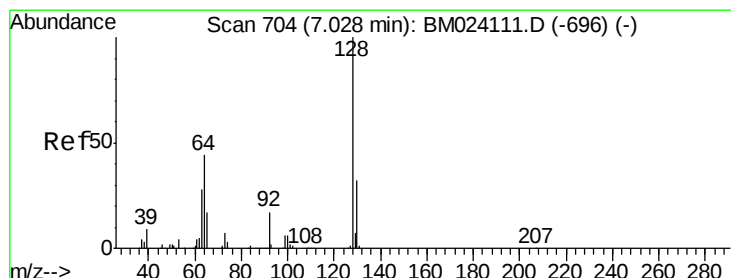
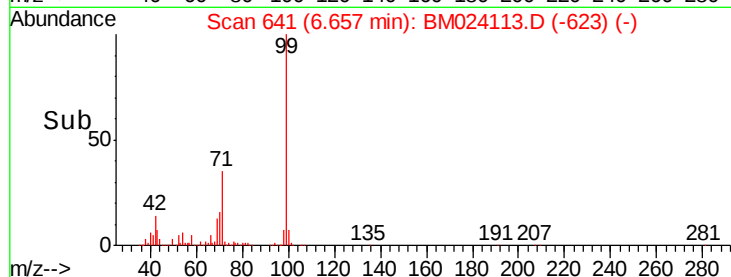
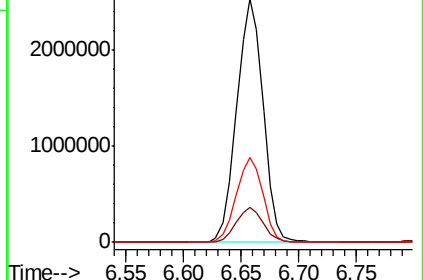
12/17/2019 3:20:20 PM



Abundance Ion 99.00 (98.70 to 99.70): BM024113.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024113.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024113.D (-632) (-)



#8

2-Chlorophenol

Concen: 61.958 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

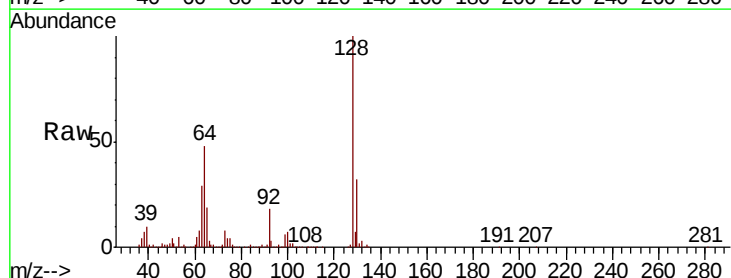
Tgt Ion:128 Resp: 1537850

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

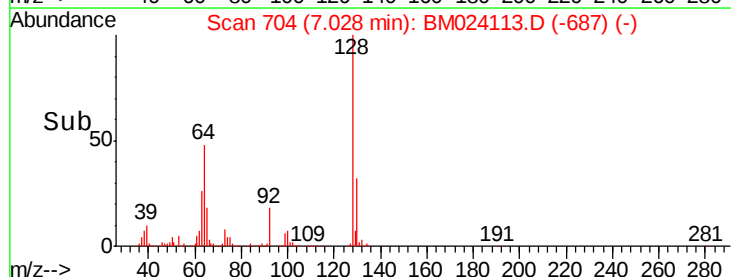
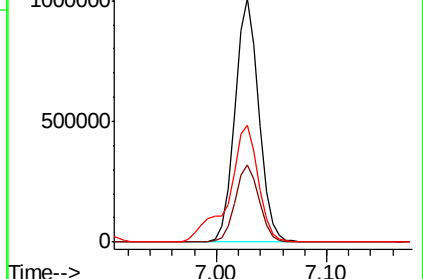
64 48.2 28.9 68.9

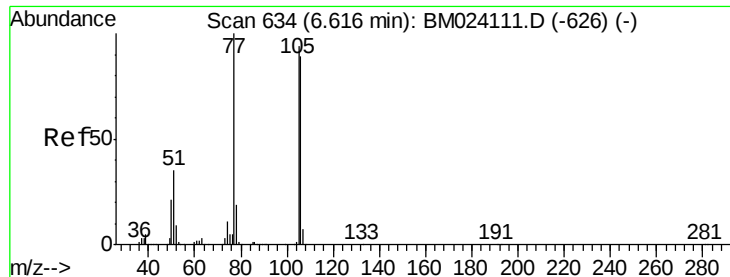


Abundance Ion 128.00 (127.70 to 128.70): BM024113.D (-687) (-)

Ion 130.00 (129.70 to 130.70): BM024113.D (-687) (-)

Ion 64.00 (63.70 to 64.70): BM024113.D (-687) (-)





#9

Benzaldehyde

Concen: 47.998 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

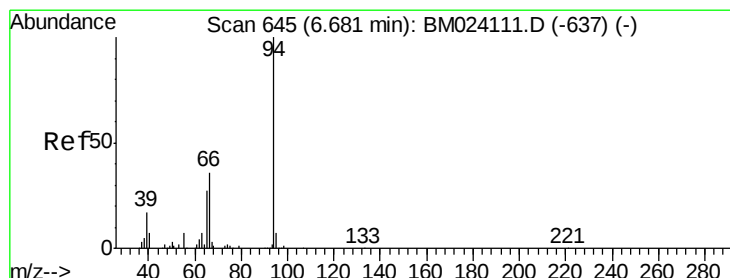
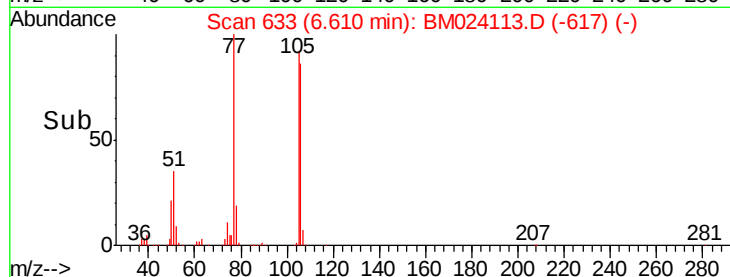
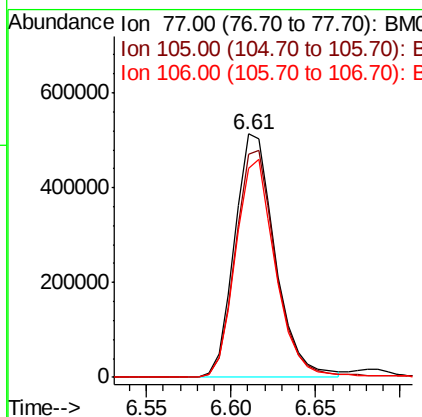
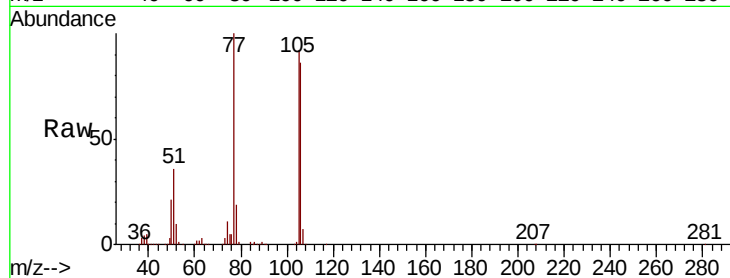
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	855142
Ion Ratio	Lower	Upper	
77	100		
105	91.8	73.9	113.9
106	86.0	69.3	109.3

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



#10

Phenol

Concen: 70.545 ng

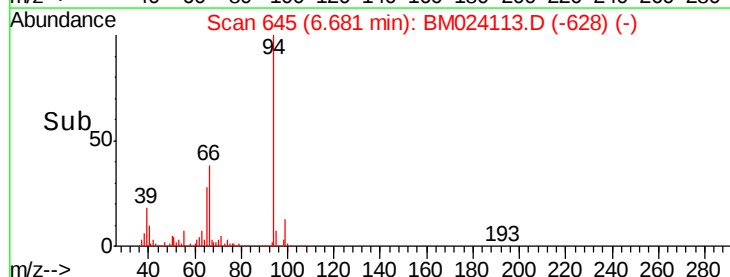
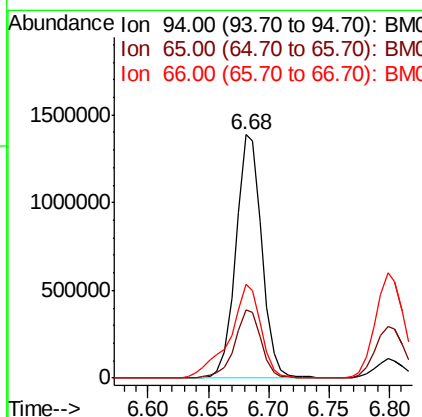
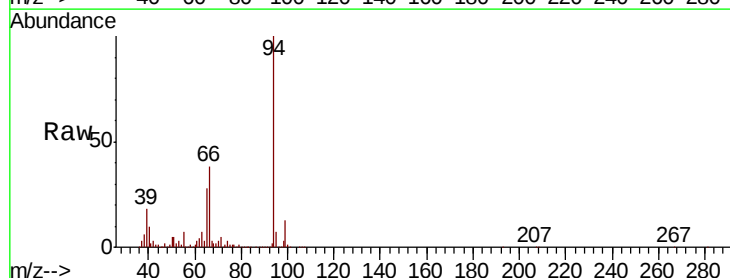
RT: 6.68 min Scan# 645

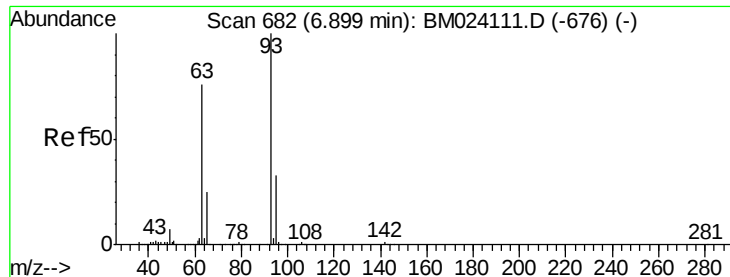
Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:	94	Resp:	2078068
Ion Ratio	Lower	Upper	
94	100		
65	28.0	7.3	47.3
66	38.5	17.3	57.3





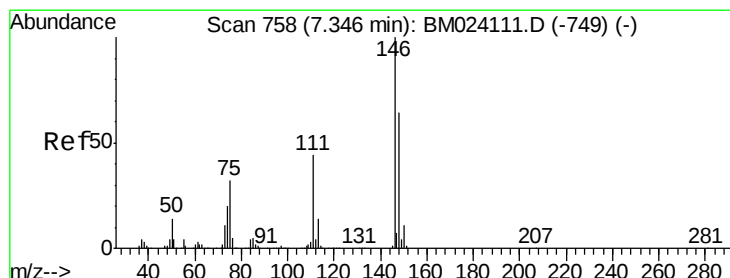
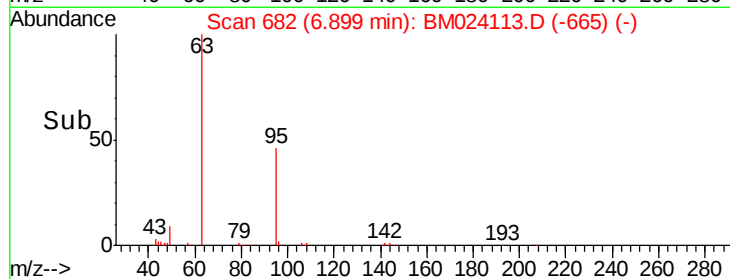
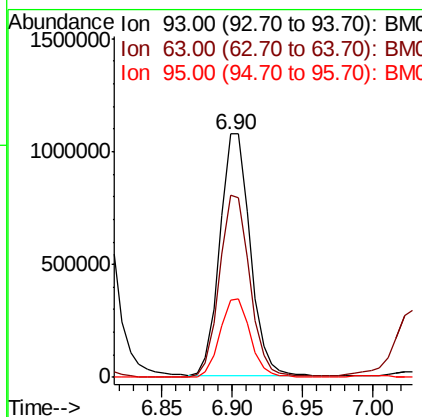
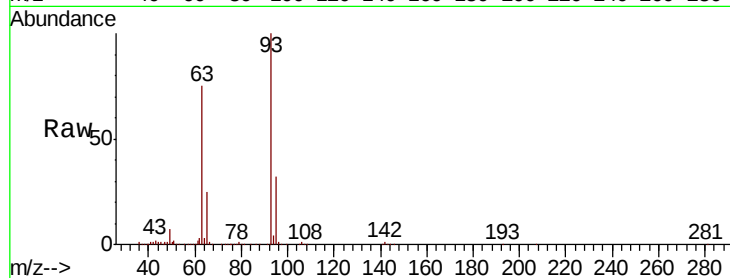
#11
bis(2-Chloroethyl)ether
Concen: 69.257 ng
RT: 6.90 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	55.0	95.0
95	31.7	12.4	52.4

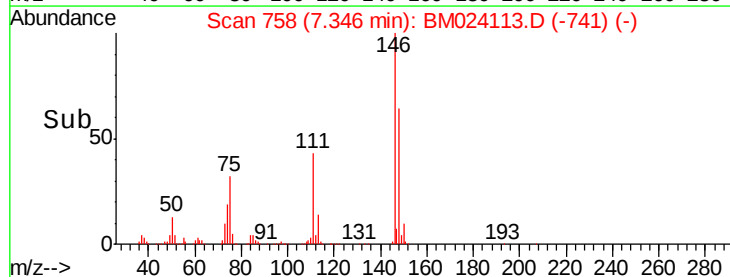
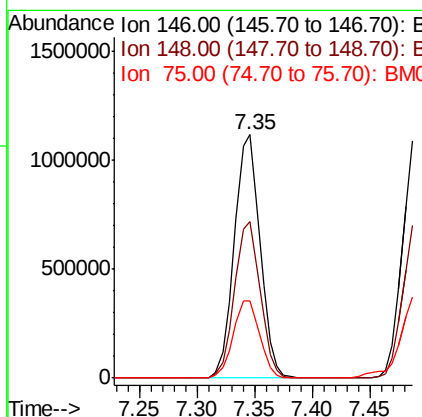
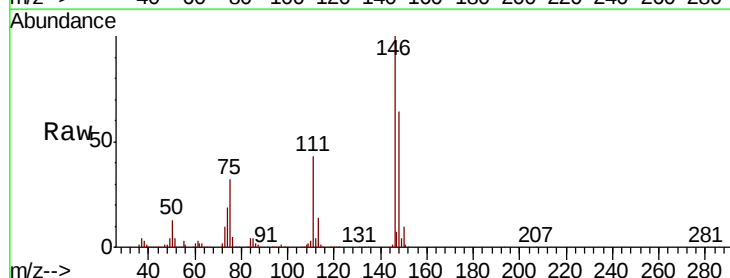
Manual Integrations
APPROVED

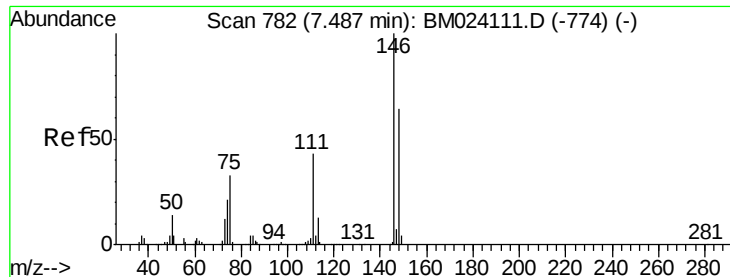
mohammad
12/17/2019 3:20:20 PM



#12
1,3-Dichlorobenzene
Concen: 58.249 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	31.7	25.5	38.3





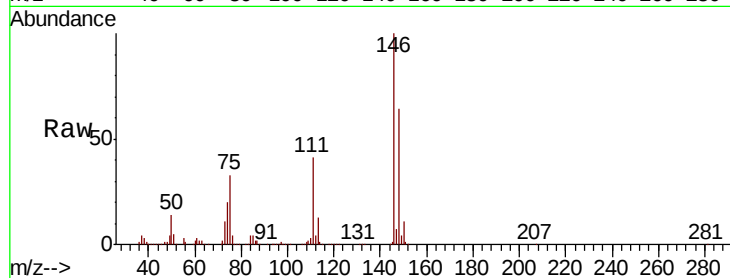
#13
1,4-Dichlorobenzene
Concen: 58.341 ng
RT: 7.49 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	41.5	34.2	51.4

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

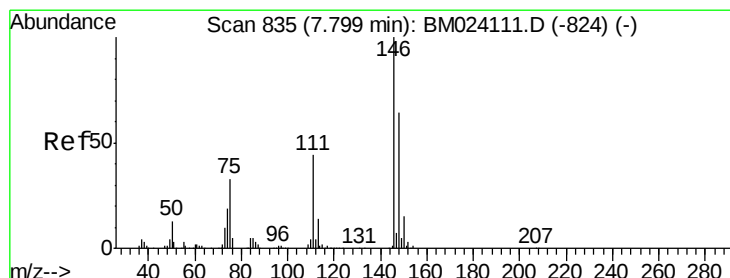
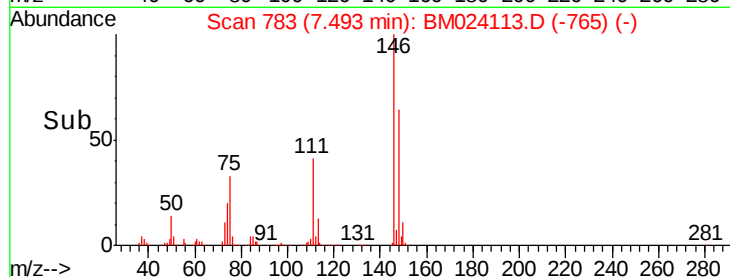
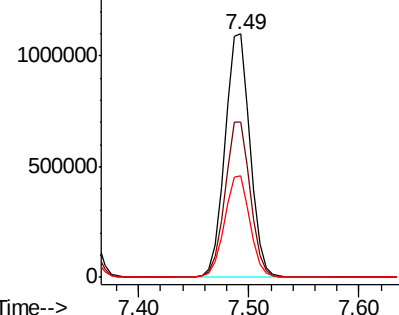


Abundance

Ion 146.00 (145.70 to 146.70): E

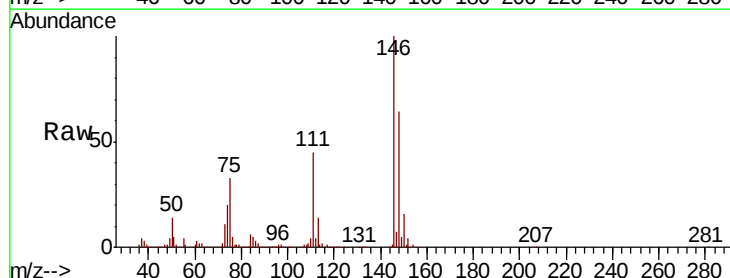
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 60.183 ng
RT: 7.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	44.7	34.8	52.2

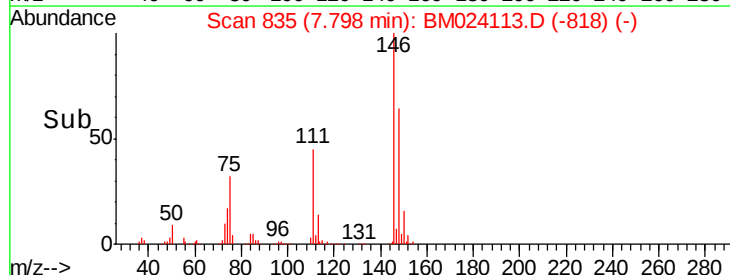
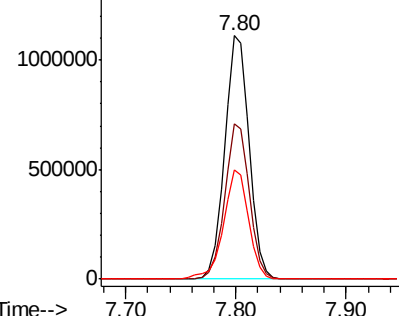


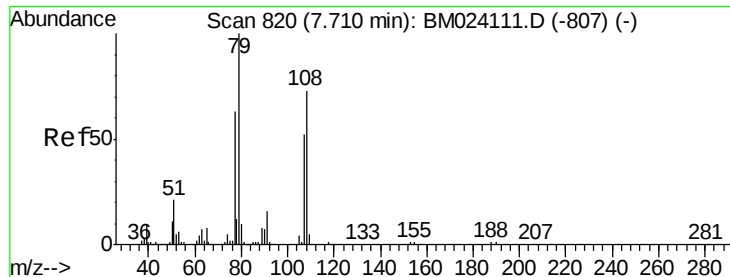
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 81.089 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1587605

Ion Ratio Lower Upper

79 100

108 72.9 58.7 88.1

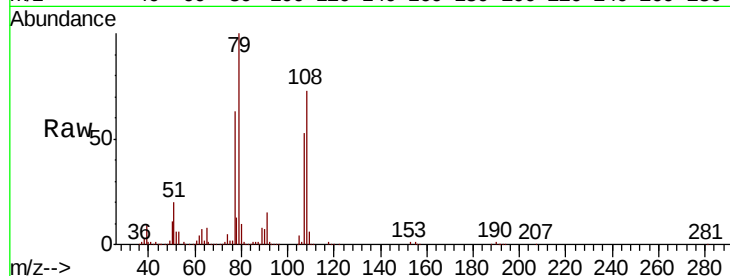
77 62.5 50.7 76.1

Manual Integrations

APPROVED

mohammad

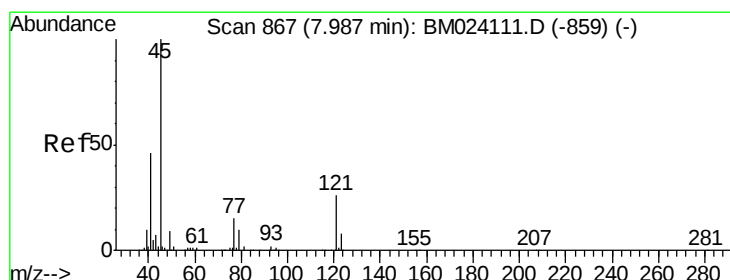
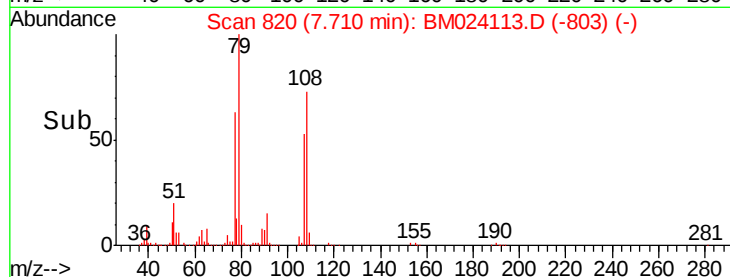
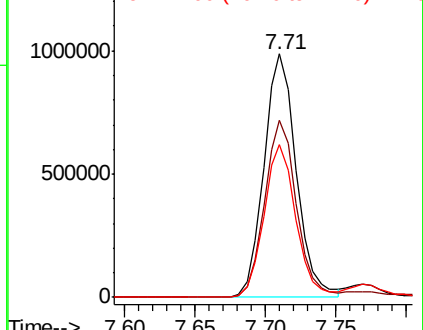
12/17/2019 3:20:20 PM



Abundance Ion 79.00 (78.70 to 79.70): BM024113.D (-803) (-)

Ion 108.00 (107.70 to 108.70): BM024113.D (-803) (-)

Ion 77.00 (76.70 to 77.70): BM024113.D (-803) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.594 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

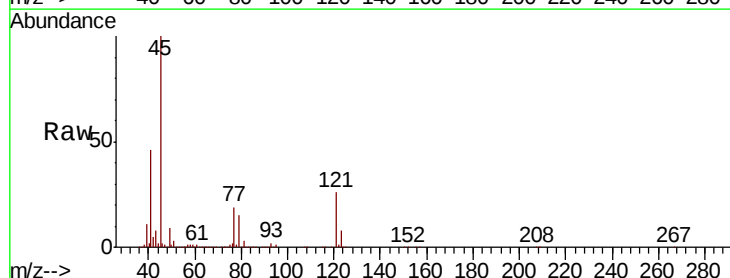
Tgt Ion: 45 Resp: 1936279

Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.7

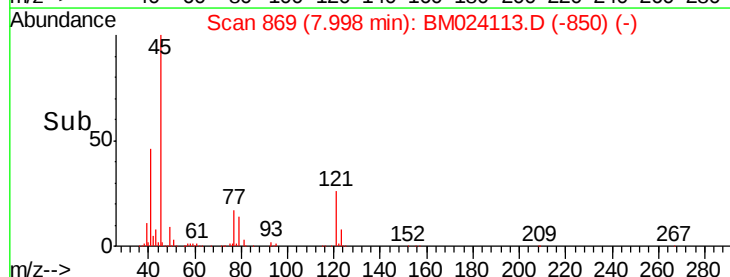
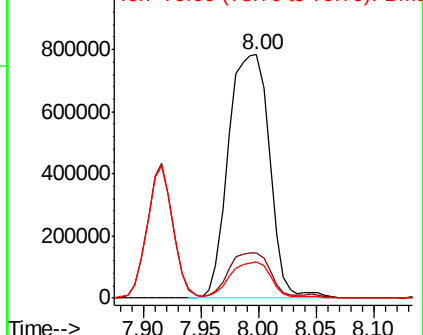
79 14.9 0.0 33.8

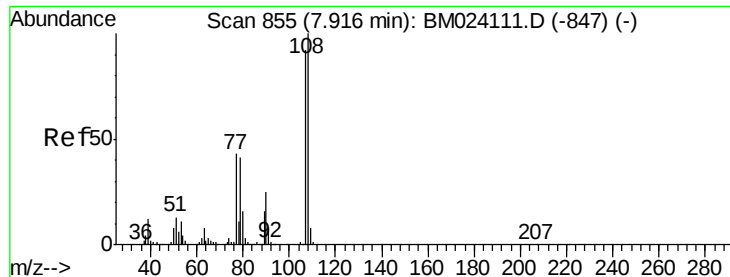


Abundance Ion 45.00 (44.70 to 45.70): BM024113.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024113.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024113.D (-850) (-)





#17

2-Methylphenol

Concen: 71.979 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 1403433

Ion Ratio Lower Upper

107 100

108 110.9 87.5 131.3

77 48.0 37.6 56.4

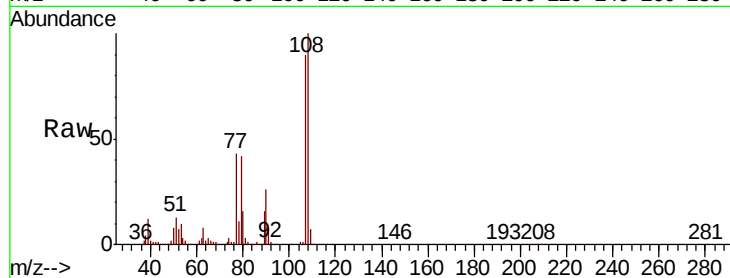
79 47.0 36.6 54.8

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:20 PM



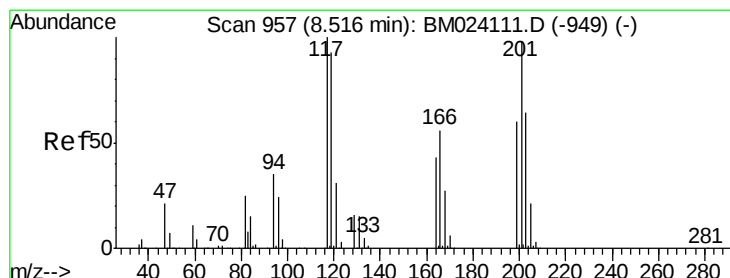
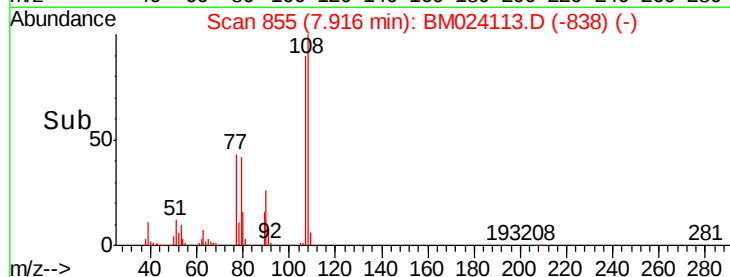
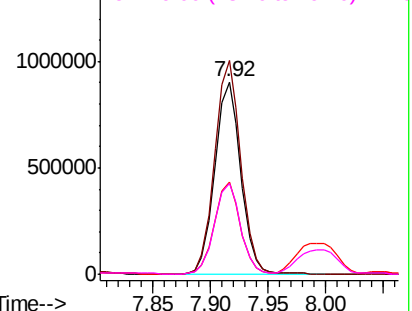
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 60.128 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

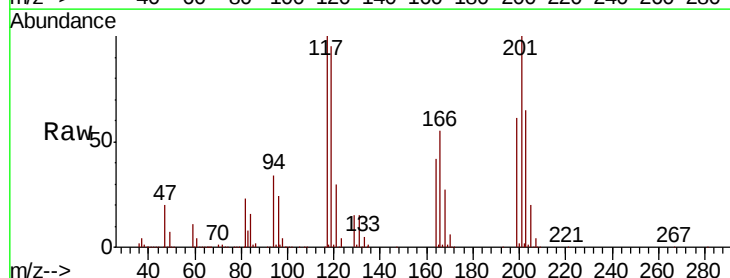
Tgt Ion:117 Resp: 662313

Ion Ratio Lower Upper

117 100

119 95.5 74.7 112.1

201 100.4 78.2 117.2

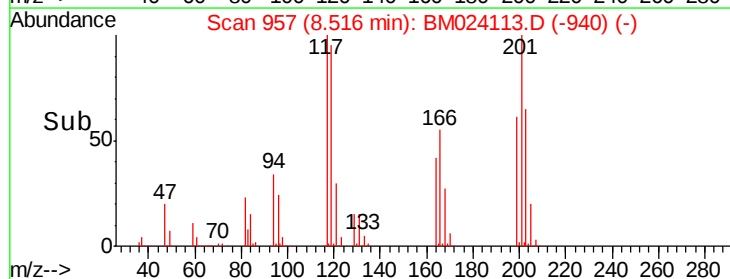
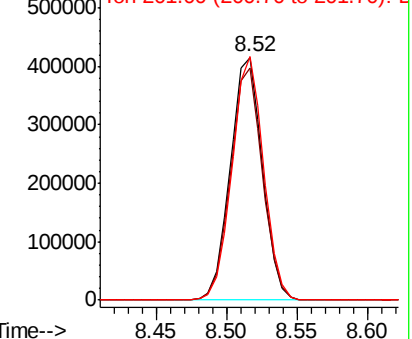


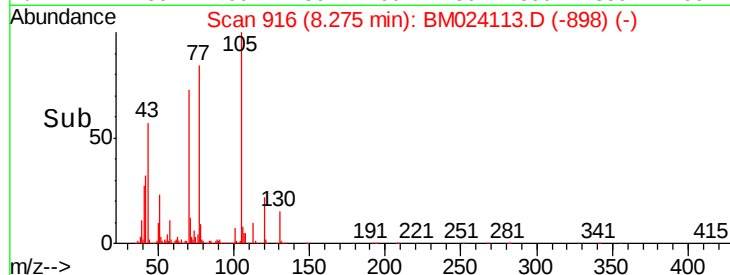
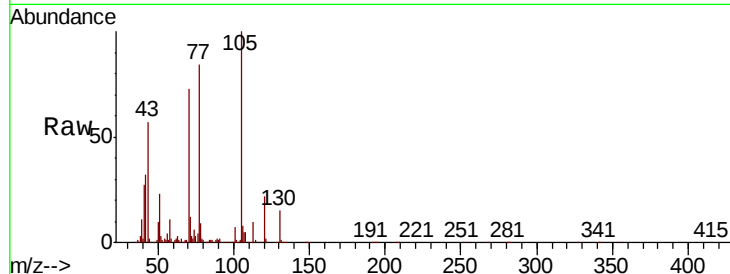
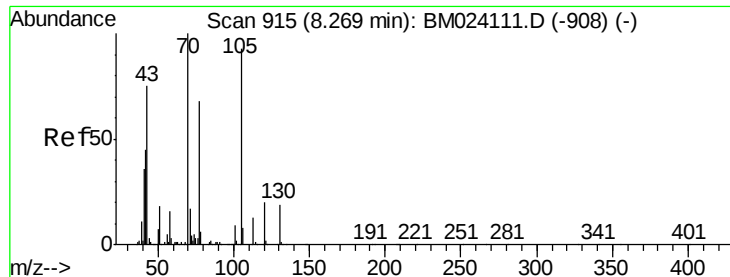
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





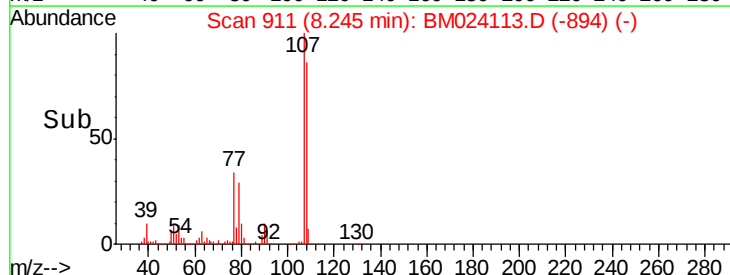
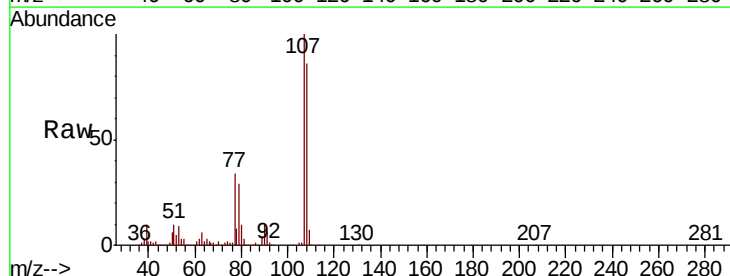
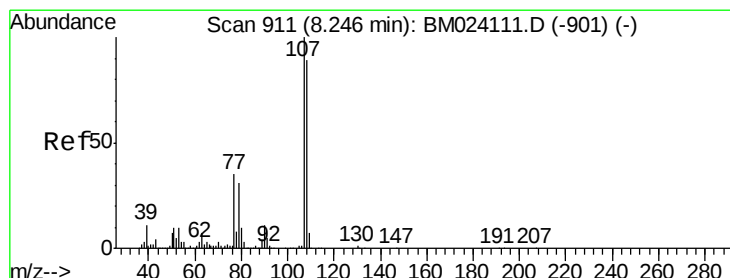
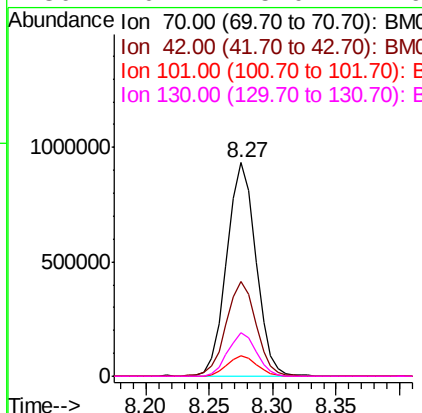
#19
n-Nitroso-di-n-propylamine
Concen: 84.938 ng
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion: 70 Resp: 1484076
Ion Ratio Lower Upper
70 100
42 44.2 36.3 54.5
101 9.4 7.5 11.3
130 20.4 15.0 22.6

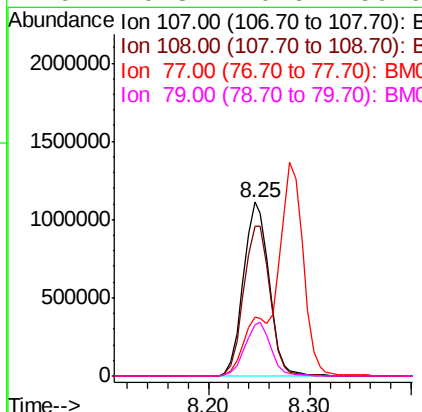
Manual Integrations
APPROVED

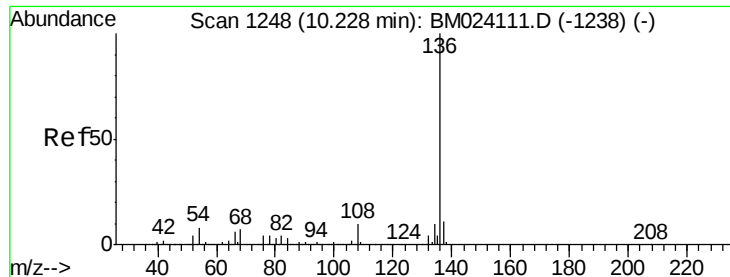
mohammad
12/17/2019 3:20:20 PM



#20
3+4-Methylphenols
Concen: 75.268 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:107 Resp: 1954717
Ion Ratio Lower Upper
107 100
108 86.0 68.9 108.9
77 33.8 15.1 55.1
79 29.3 10.6 50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.23 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1660923

Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 7.4 6.0 9.0

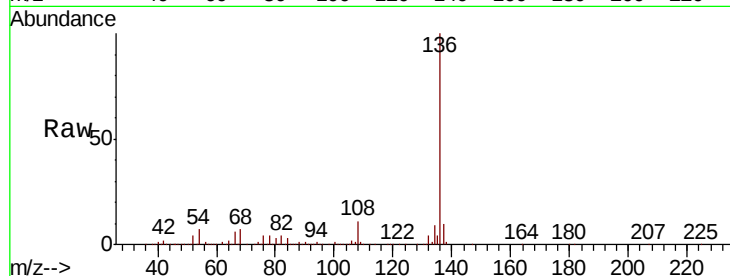
68 7.0 5.8 8.6

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:20 PM

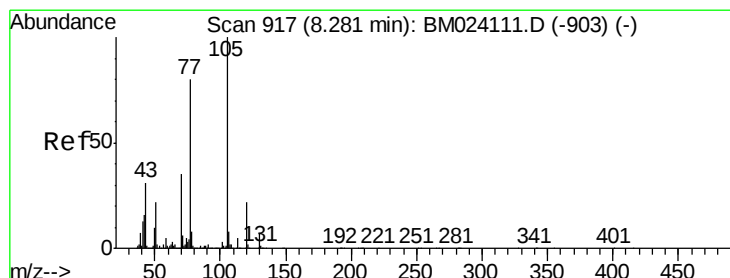
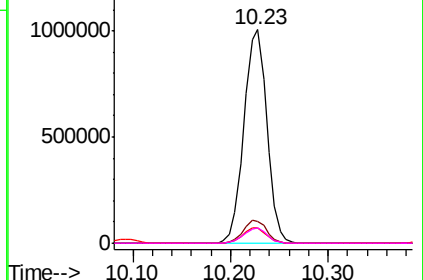
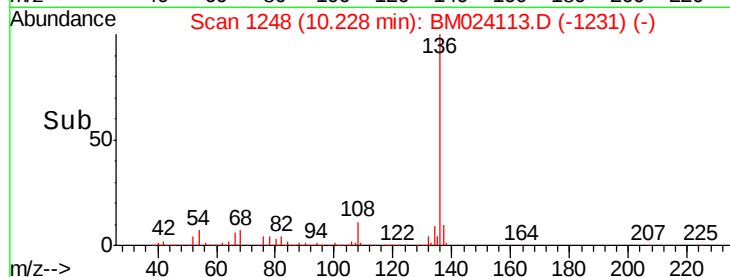


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 65.850 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:105 Resp: 2699731

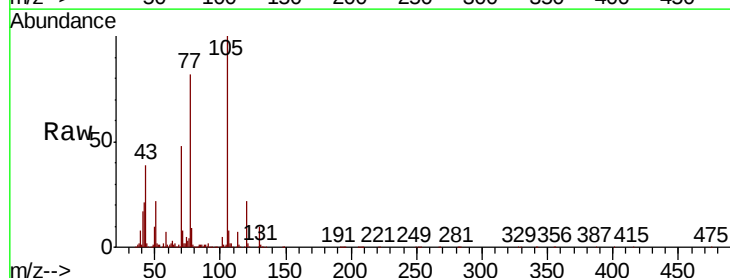
Ion Ratio Lower Upper

105 100

71 8.2 4.6 6.8#

51 22.0 17.4 26.2

120 22.3 17.6 26.4

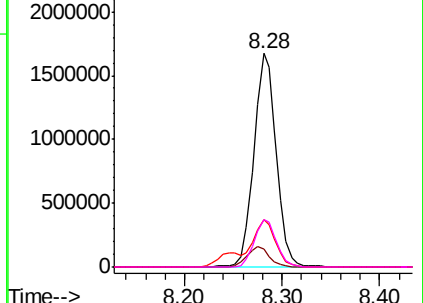
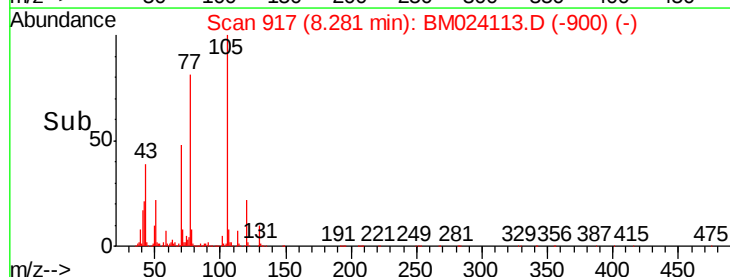


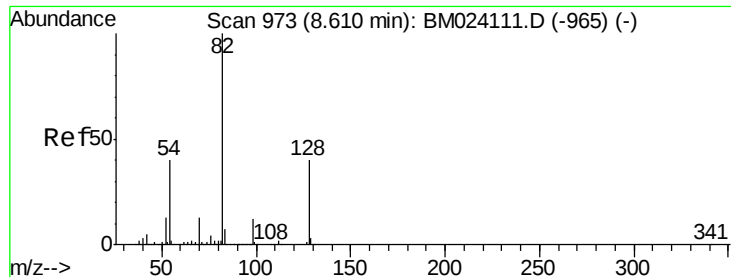
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





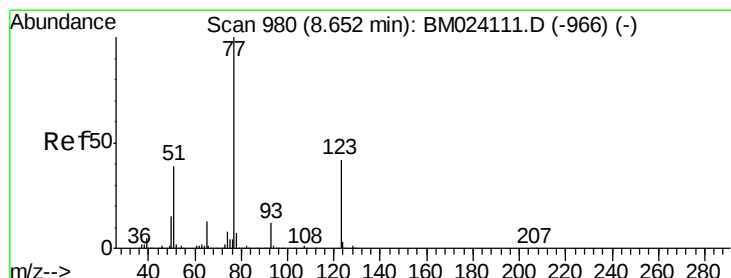
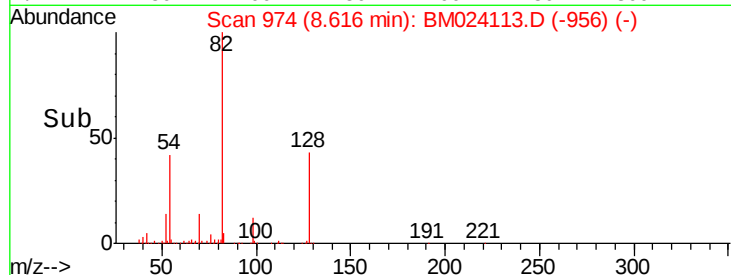
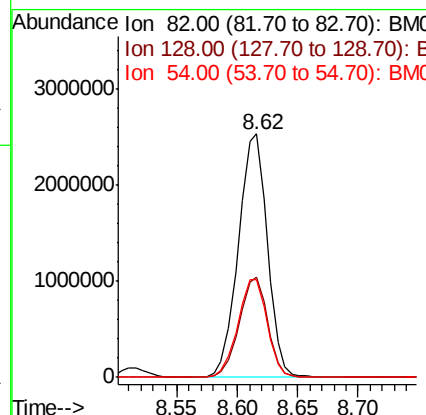
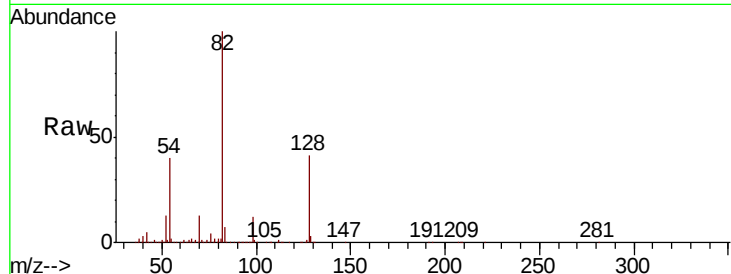
#23
 Nitrobenzene-d5
 Concen: 142.326 ng
 RT: 8.62 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 4258553
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.8
 54 40.2 32.2 48.2

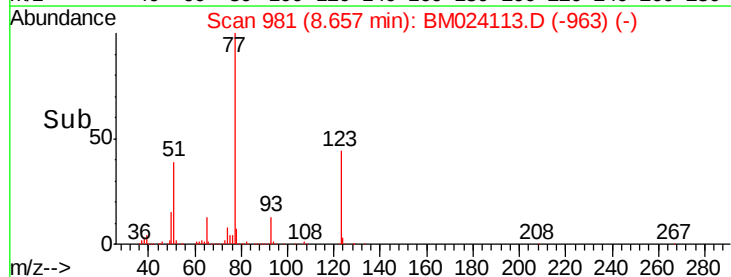
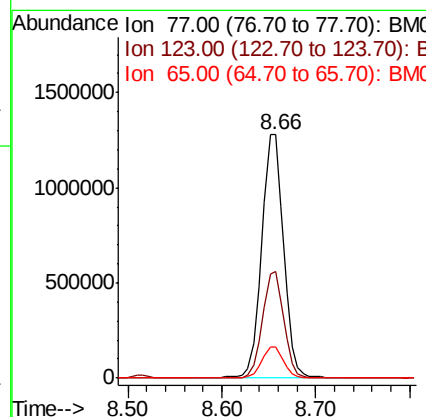
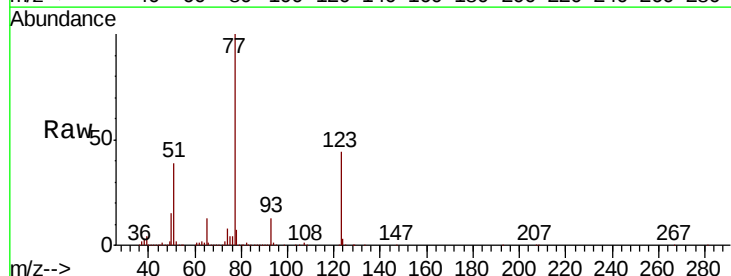
Manual Integrations
 APPROVED

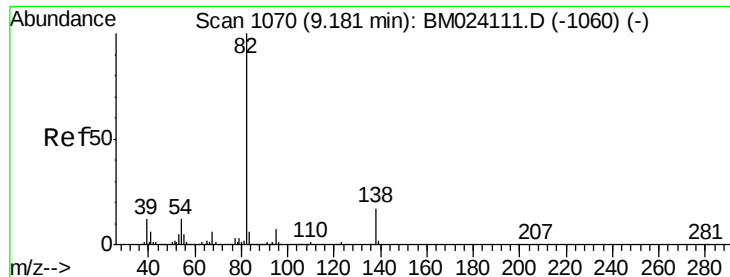
mohammad
 12/17/2019 3:20:20 PM



#24
 Nitrobenzene
 Concen: 72.225 ng
 RT: 8.66 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion: 77 Resp: 2067661
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.8 50.6
 65 12.7 10.3 15.5





#25

Isophorone

Concen: 78.099 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 3842303

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

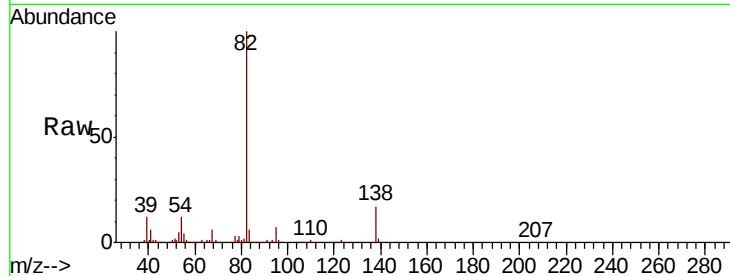
138 16.6 13.3 19.9

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:20 PM

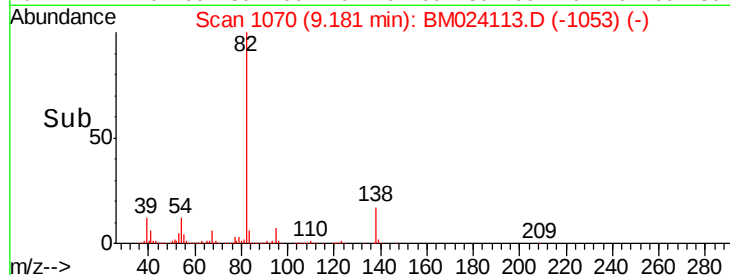


Abundance Ion 82.00 (81.70 to 82.70): BM024113.D (-1060) (-)

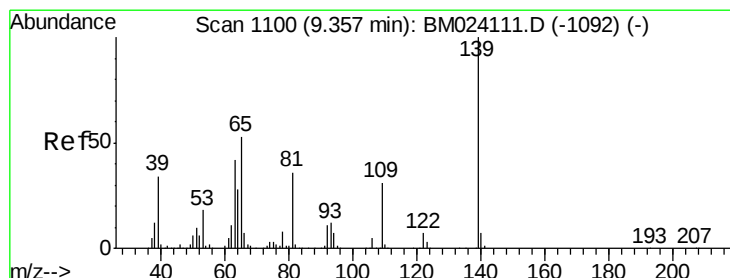
Ion 95.00 (94.70 to 95.70): BM024113.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM024113.D (-1060) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 76.425 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

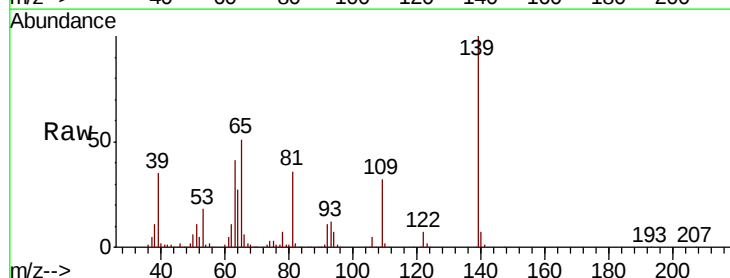
Tgt Ion: 139 Resp: 944518

Ion Ratio Lower Upper

139 100

109 31.6 24.5 36.7

65 50.8 42.1 63.1

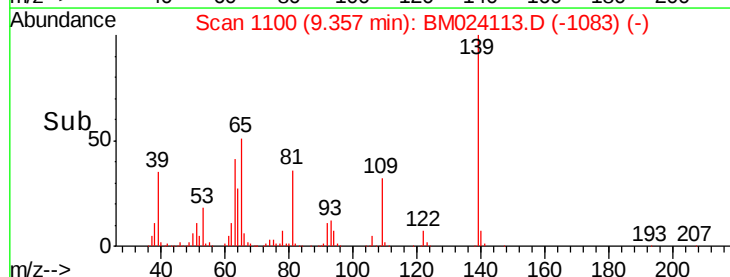


Abundance Ion 139.00 (138.70 to 139.70): BM024113.D (-1092) (-)

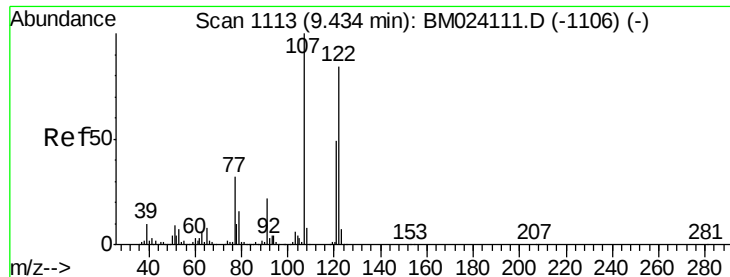
Ion 109.00 (108.70 to 109.70): BM024113.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM024113.D (-1092) (-)

Time-->



Time-->



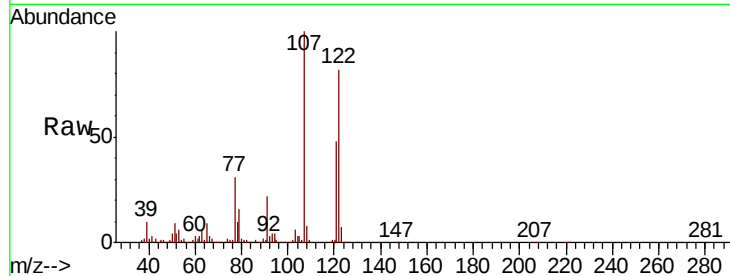
#27
2,4-Dimethylphenol
Concen: 64.230 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	95.8	143.6
121	58.0	47.0	70.4

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

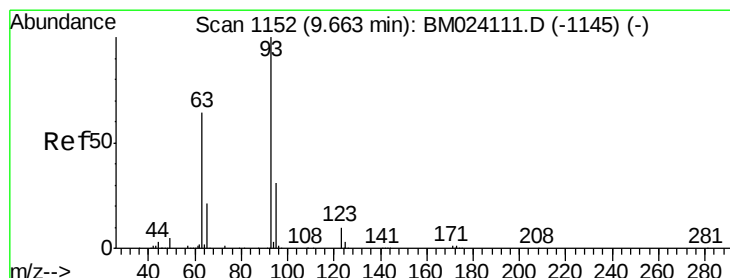
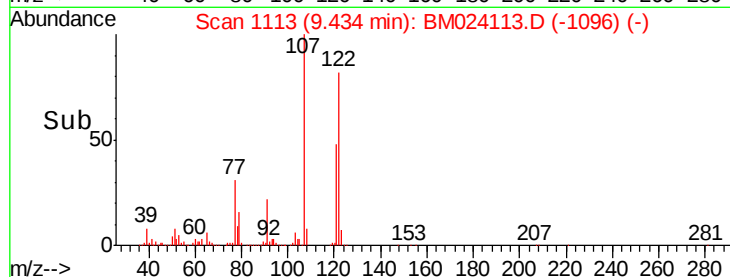
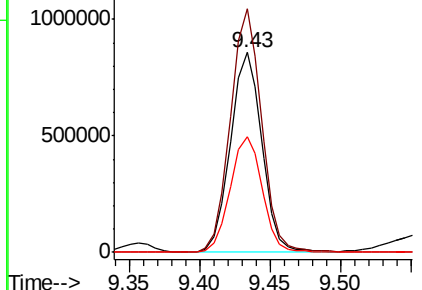


Abundance

Ion 122.00 (121.70 to 122.70): E

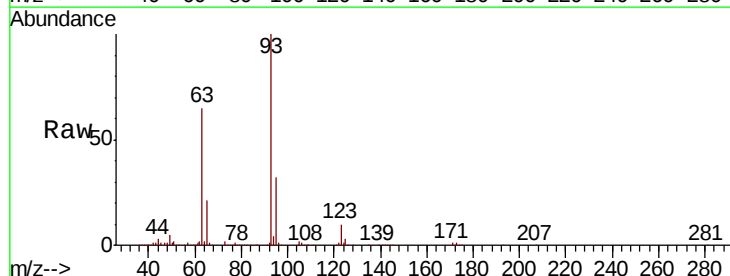
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 71.240 ng
RT: 9.66 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.1	37.7
123	10.5	8.5	12.7

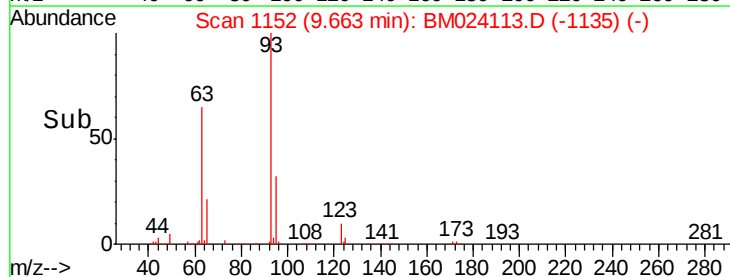
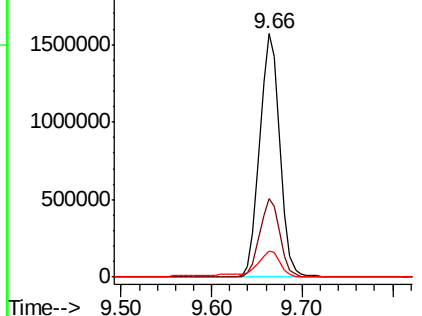


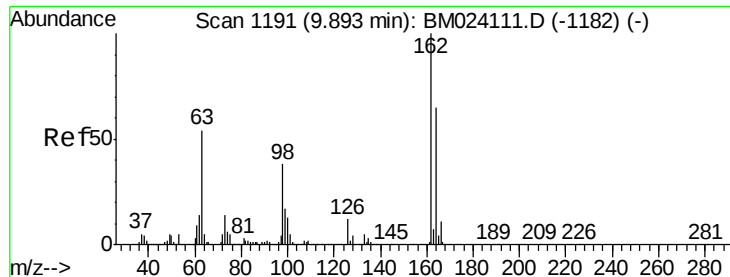
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





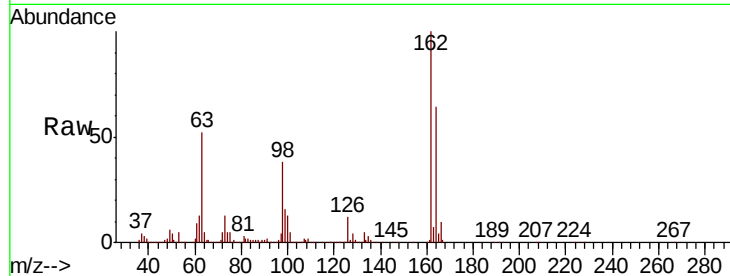
#29
2,4-Dichlorophenol
Concen: 68.310 ng
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	37.7	18.2	58.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

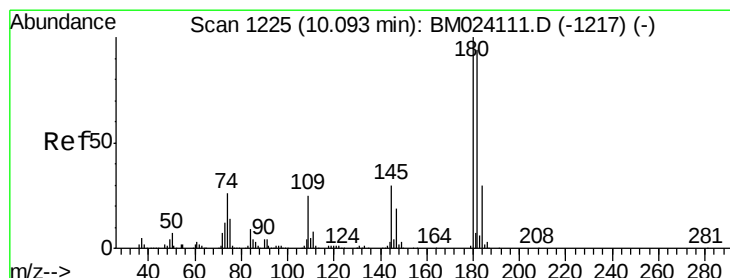
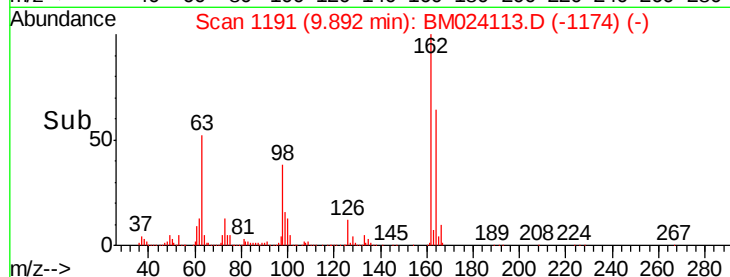
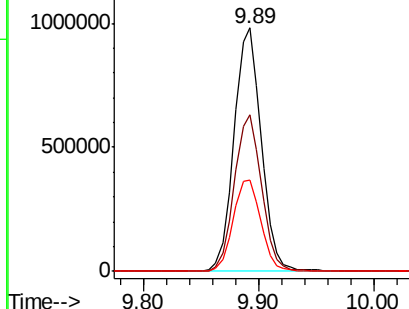


Abundance

Ion 162.00 (161.70 to 162.70): E

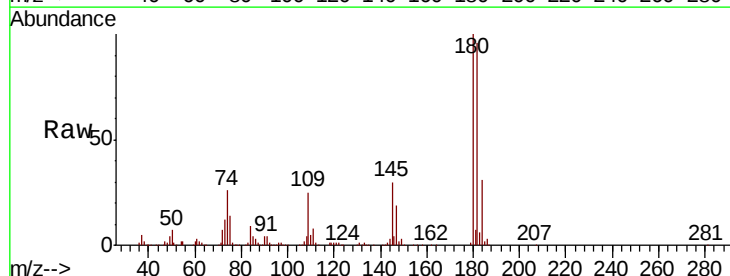
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 61.685 ng
RT: 10.09 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	29.5	24.4	36.6

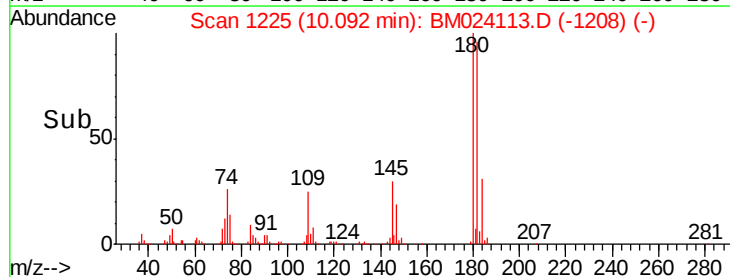
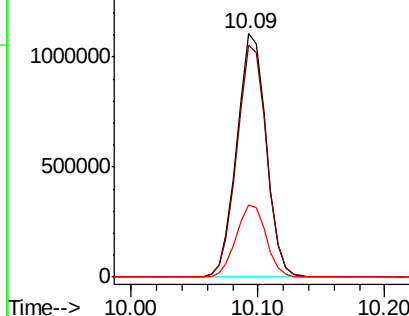


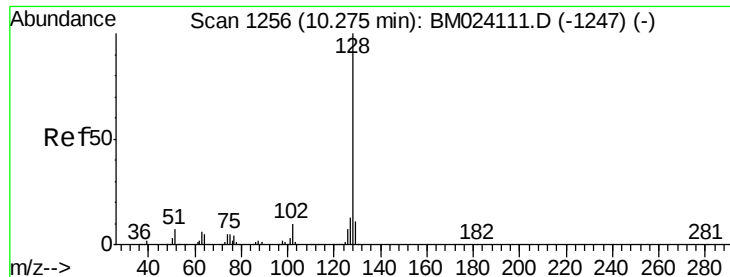
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





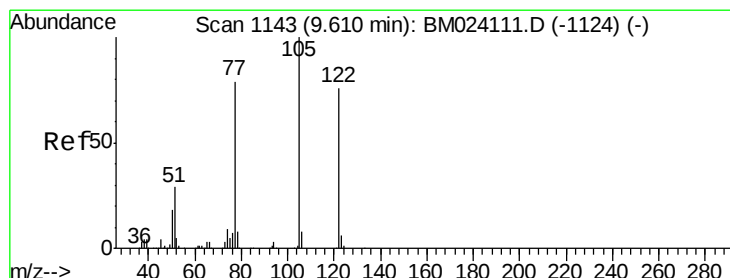
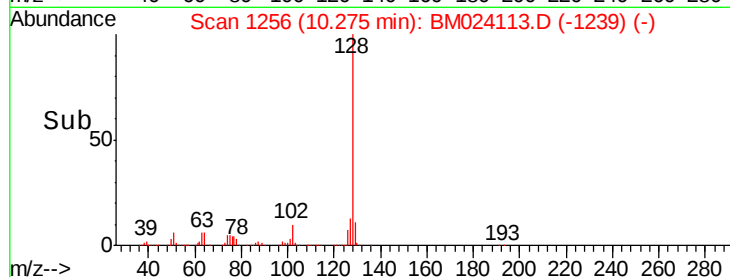
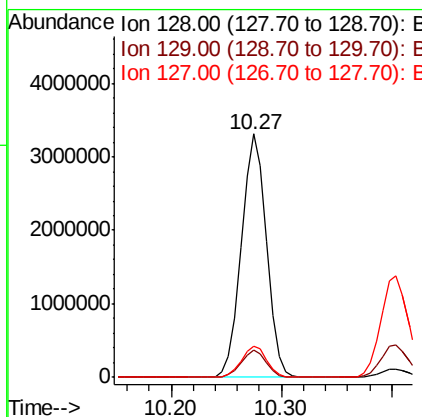
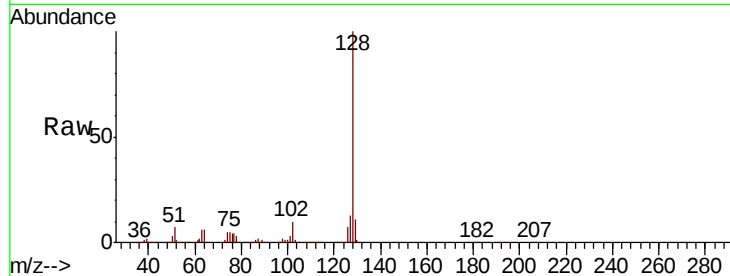
#31
Naphthalene
Concen: 64.431 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.0	10.5	15.7

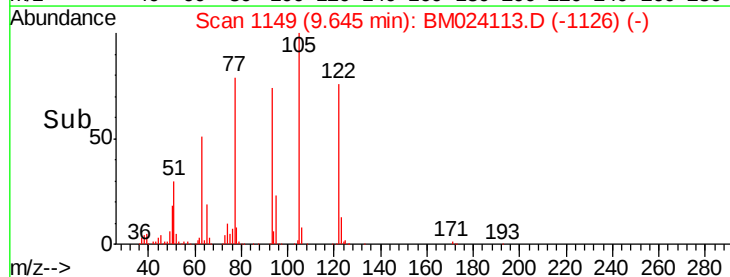
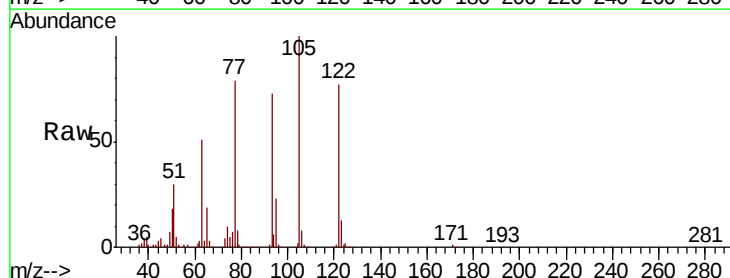
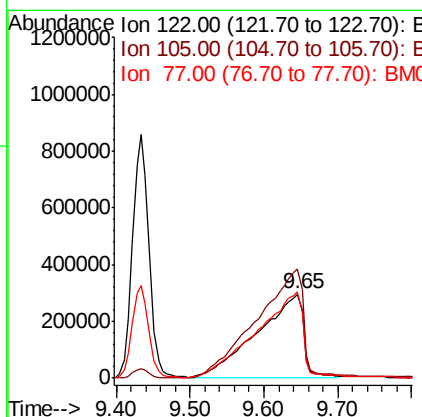
Manual Integrations
APPROVED

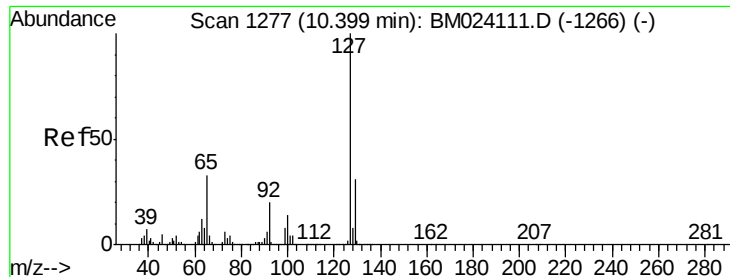
mohammad
12/17/2019 3:20:20 PM



#32
Benzoic acid
Concen: 94.675 ng m
RT: 9.65 min Scan# 1149
Delta R.T. 0.04 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	110.4	150.4
77	102.4	83.0	123.0





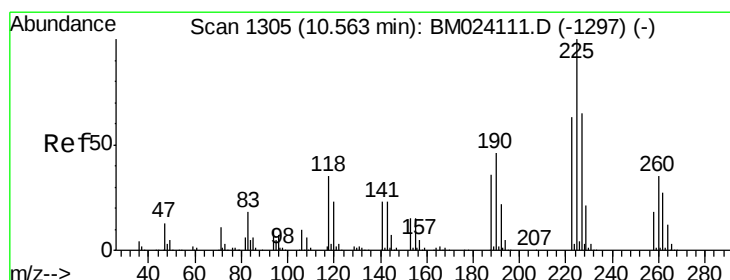
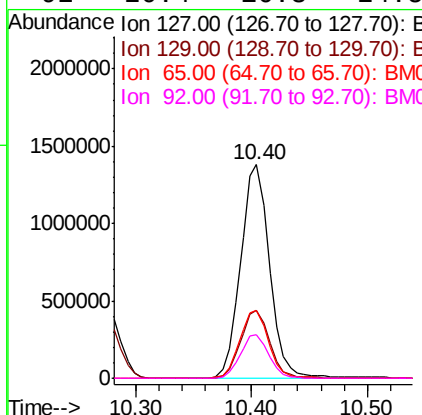
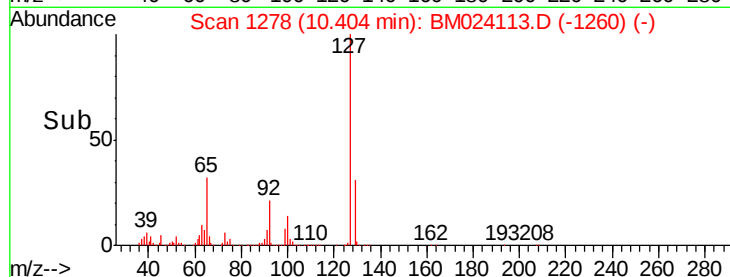
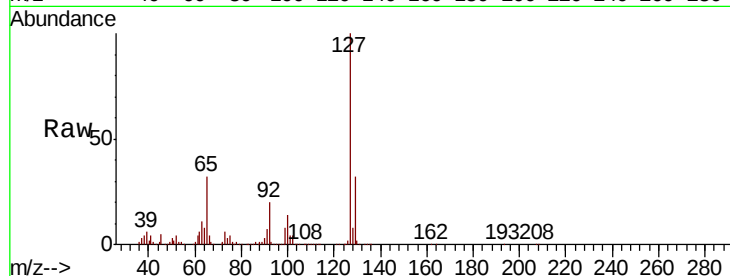
#33
4-Chloroaniline
Concen: 67.165 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		2393231		
129	32.0	24.9	37.3		
65	31.5	26.2	39.4		
92	20.4	16.3	24.5		

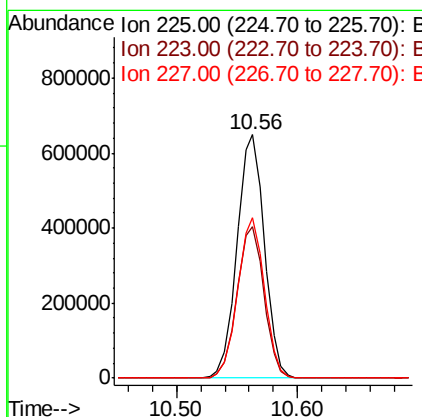
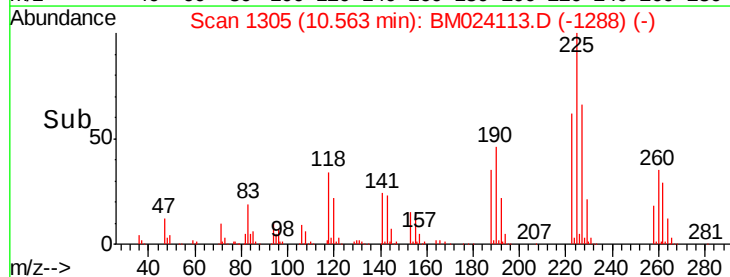
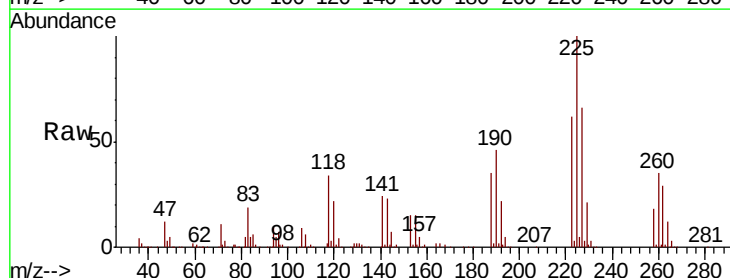
Manual Integrations
APPROVED

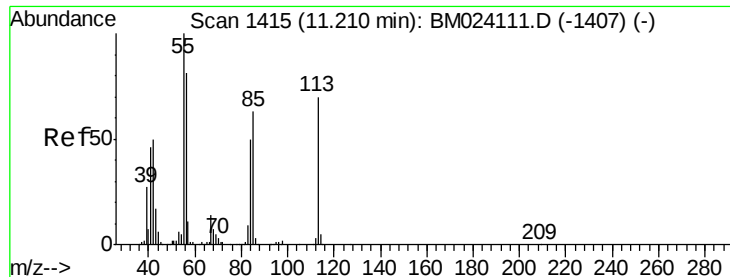
mohammad
12/17/2019 3:20:20 PM



#34
Hexachlorobutadiene
Concen: 59.743 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		1024945		
223	62.0	50.6	75.8		
227	65.9	52.2	78.4		





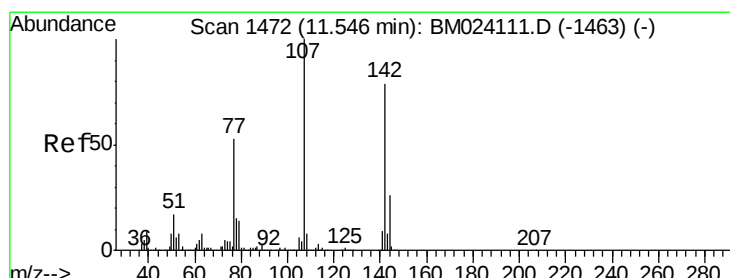
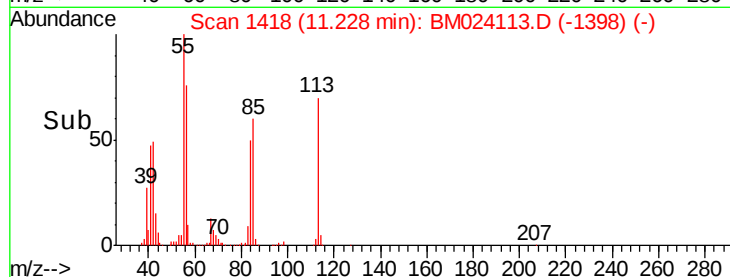
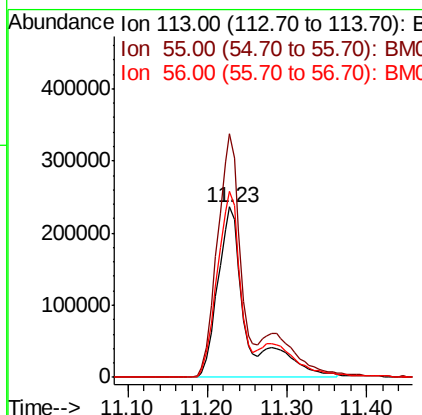
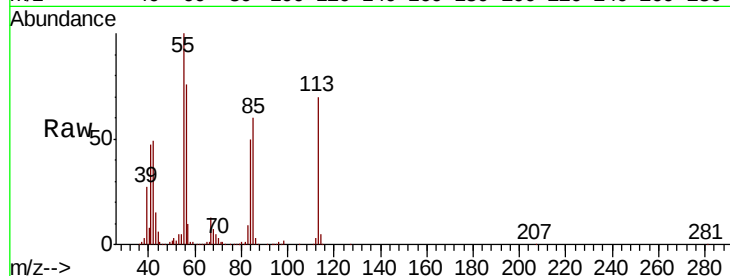
#35
 Caprolactam
 Concen: 87.513 ng/ml
 RT: 11.23 min Scan# 1418
 Delta R.T. 0.02 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	142.8	122.4	162.4	
56	109.0	95.5	135.5	

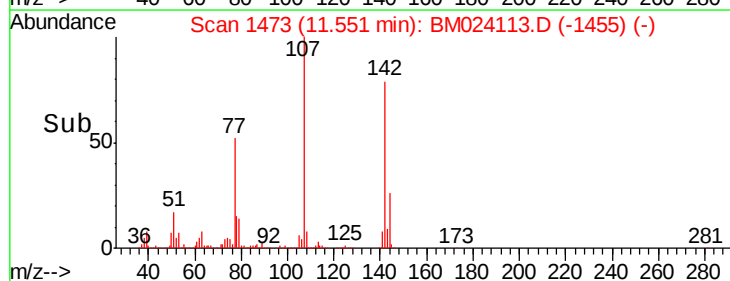
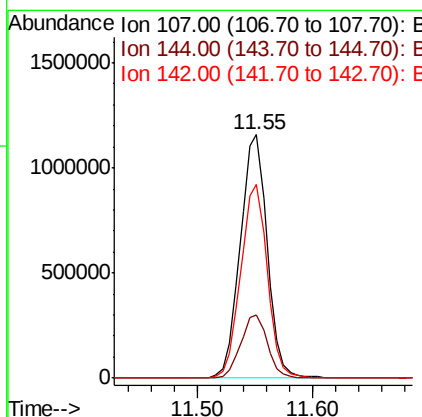
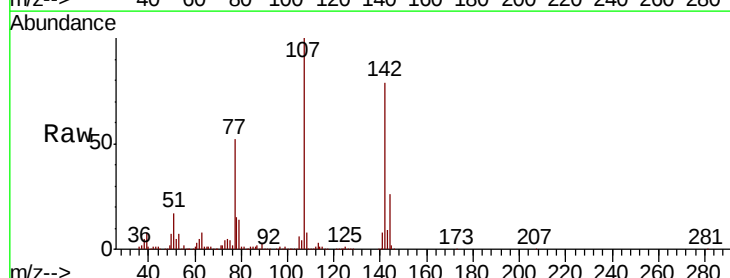
Manual Integrations
 APPROVED

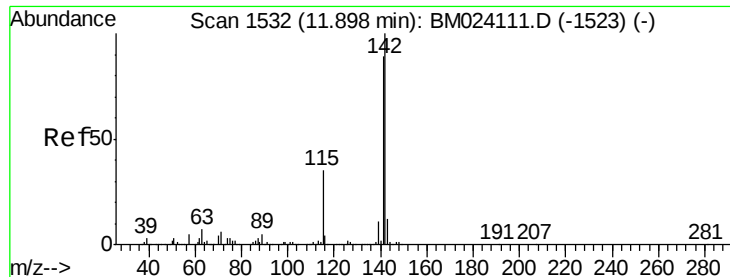
mohammad
 12/17/2019 3:20:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 82.429 ng/ml
 RT: 11.55 min Scan# 1473
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	20.5	30.7	
142	79.4	63.6	95.4	





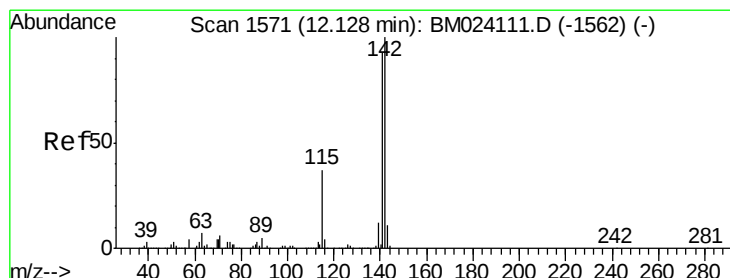
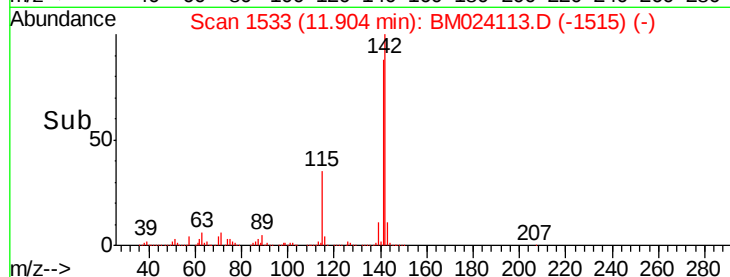
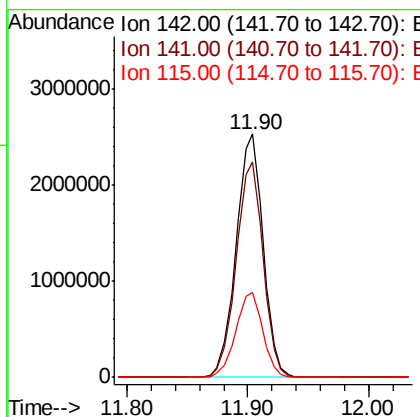
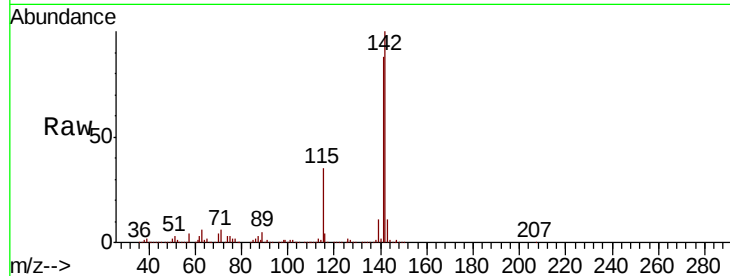
#37
2-Methylnaphthalene
Concen: 69.134 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	34.9	28.4	42.6

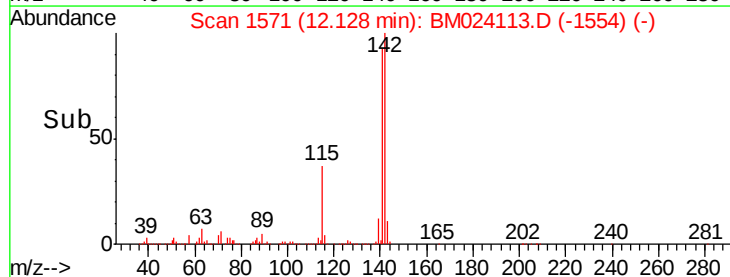
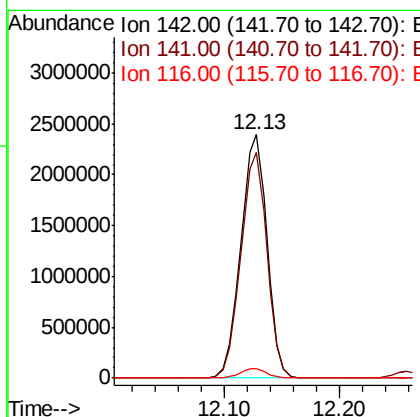
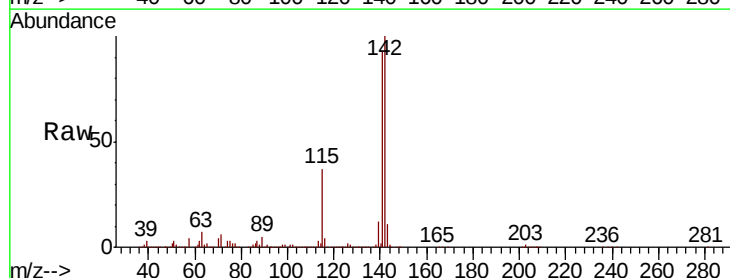
Manual Integrations
APPROVED

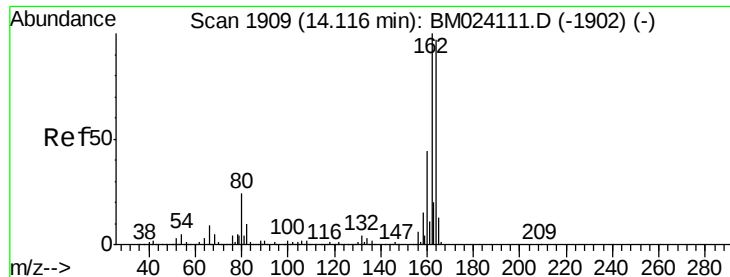
mohammad
12/17/2019 3:20:20 PM



#38
1-Methylnaphthalene
Concen: 69.304 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.5	111.7
116	3.7	3.1	4.7





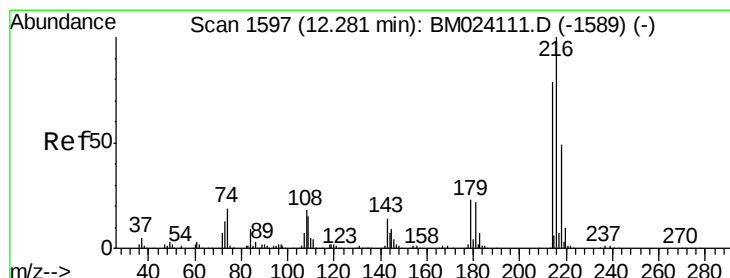
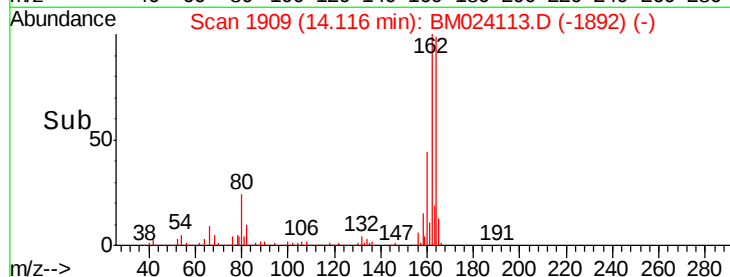
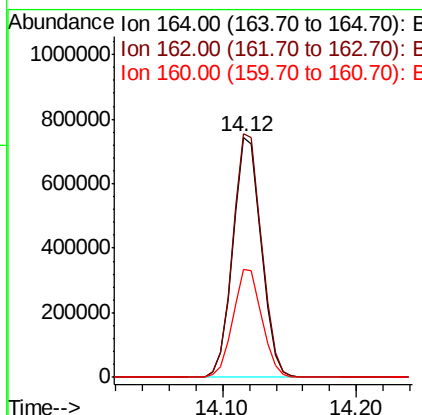
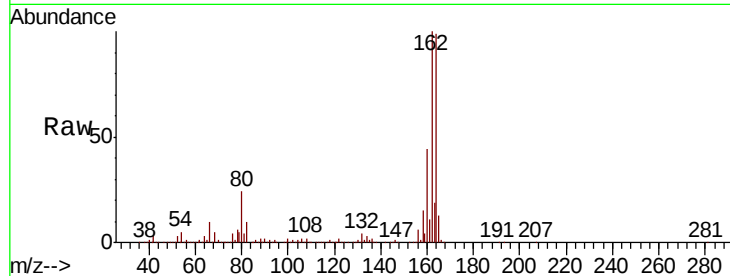
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.4
160	44.8	35.9	53.9

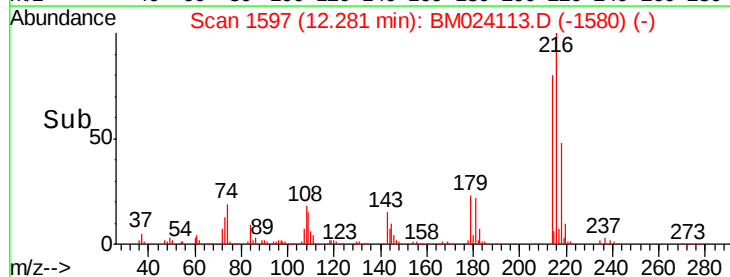
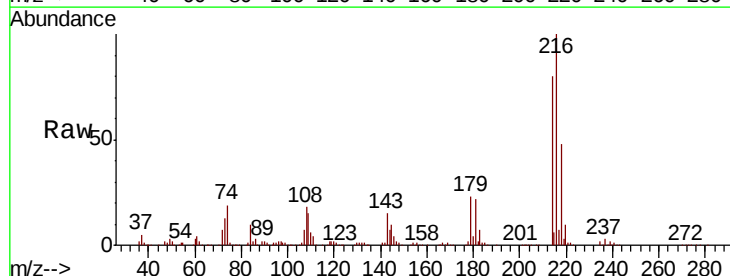
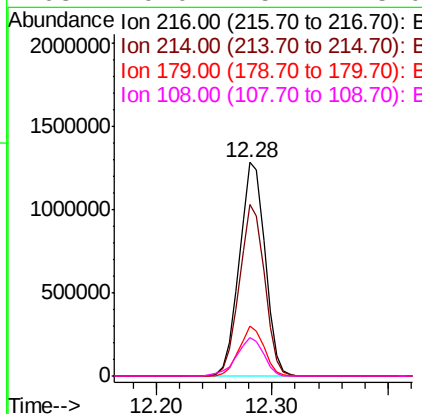
Manual Integrations
APPROVED

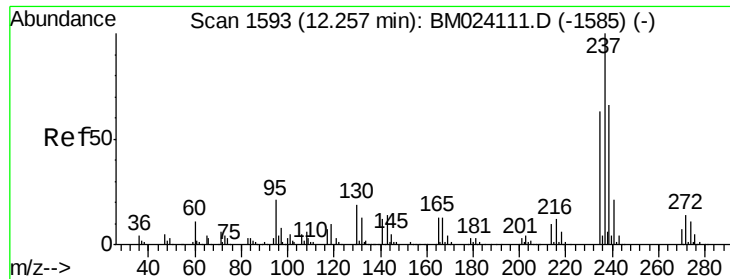
mohammad
12/17/2019 3:20:20 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.106 ng
RT: 12.28 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.5	18.0	27.0
108	19.0	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 38.494 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

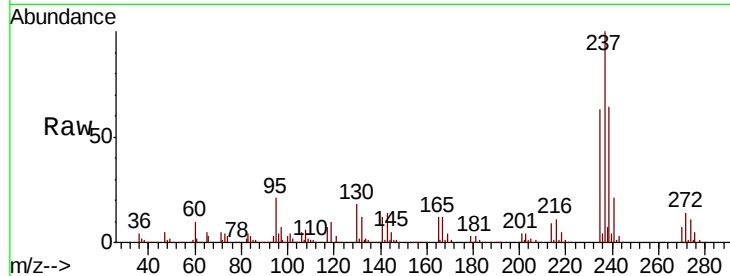
ClientSampleId :

SSTDICC060

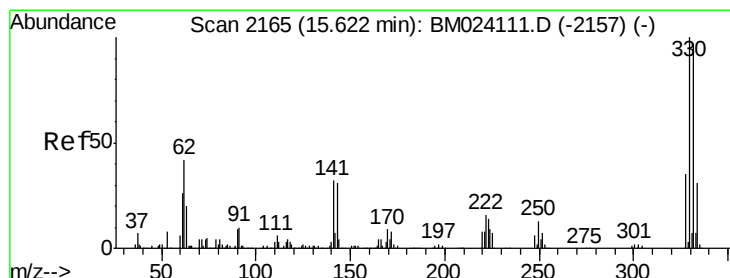
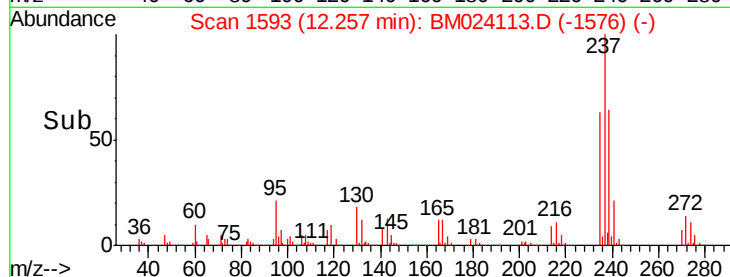
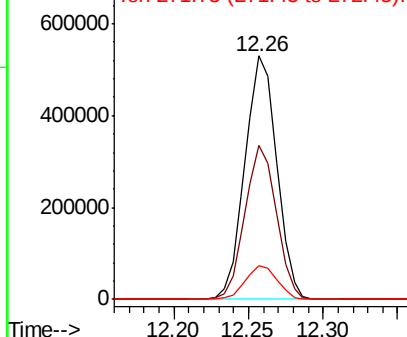
Tot Ion:	237	Resp:	782836
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.0	83.0
272	13.7	0.0	33.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.633 ng

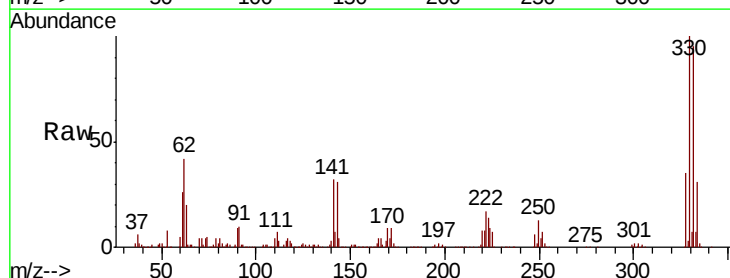
RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

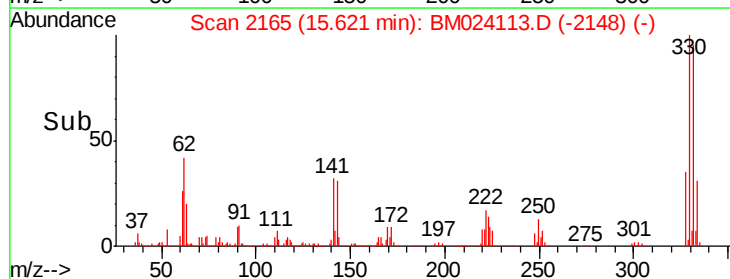
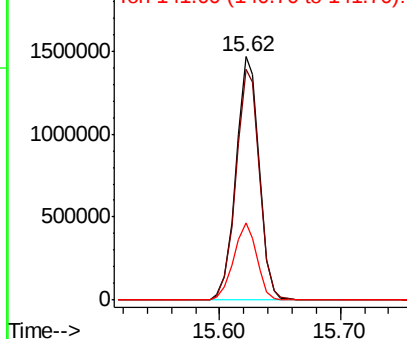
Lab File: BM024113.D

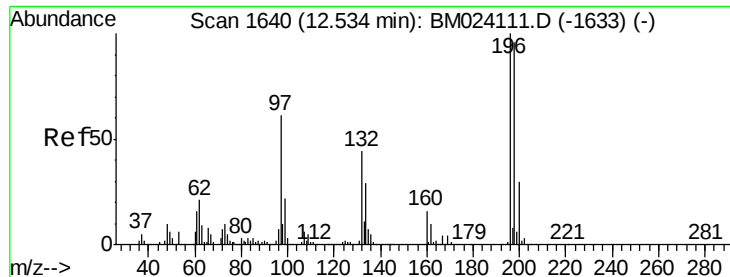
Acq: 16 Dec 2019 17:57

Tgt Ion:	330	Resp:	1958624
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	31.8	27.0	40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





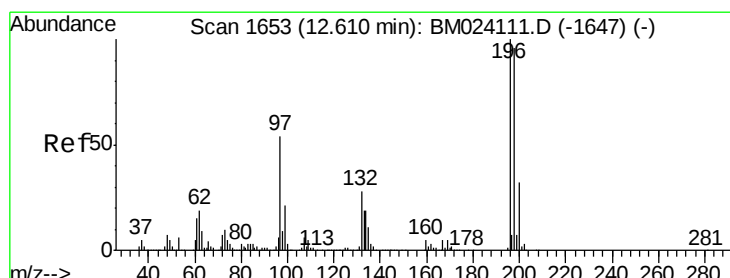
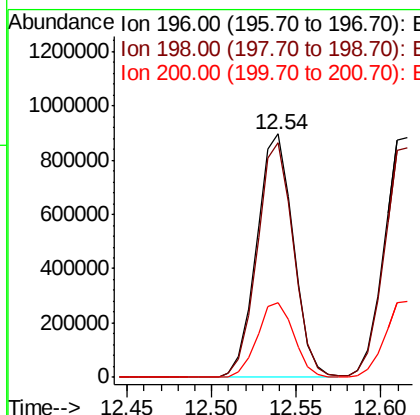
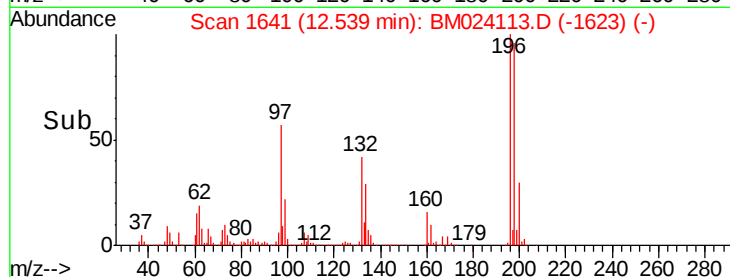
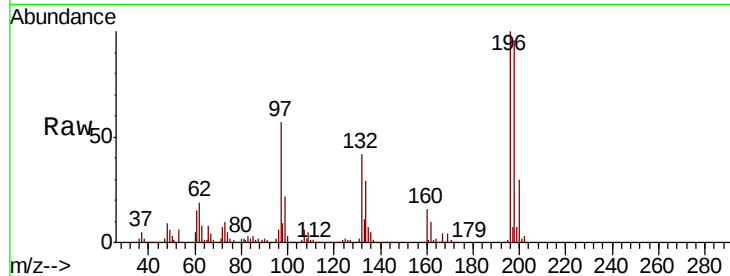
#43
2,4,6-Trichlorophenol
Concen: 62.775 ng
RT: 12.54 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	30.5	24.1	36.1

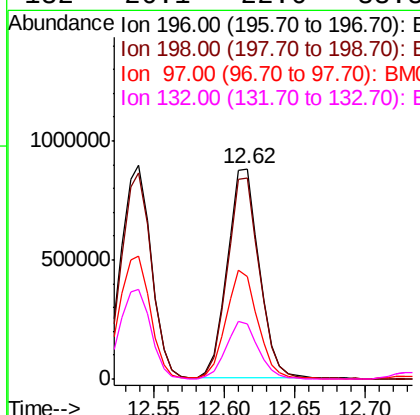
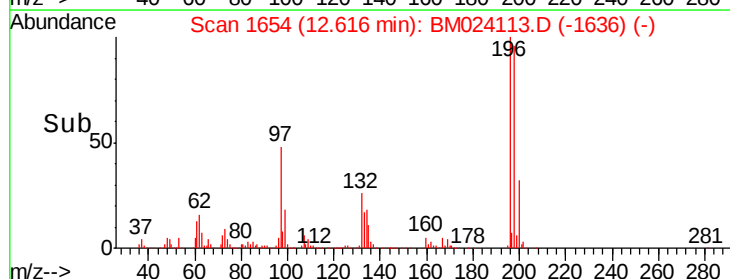
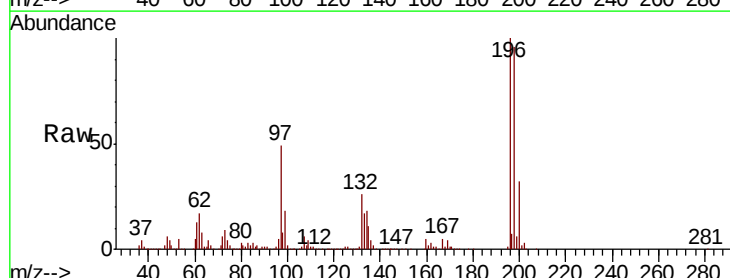
Manual Integrations
APPROVED

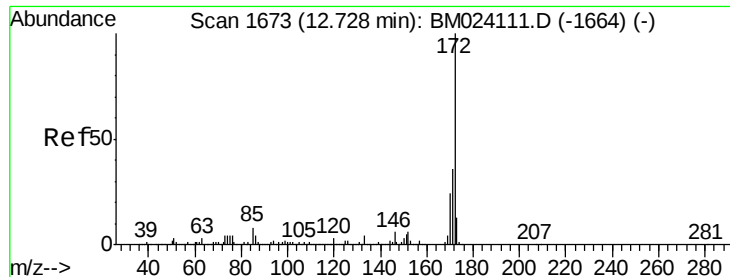
mohammad
12/17/2019 3:20:20 PM



#44
2,4,5-Trichlorophenol
Concen: 61.775 ng
RT: 12.62 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	114.8
97	48.6	42.9	64.3
132	26.1	22.6	33.8





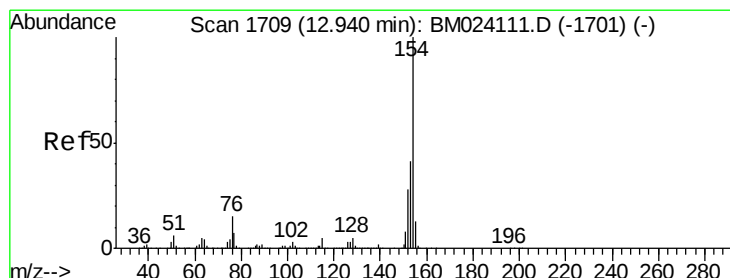
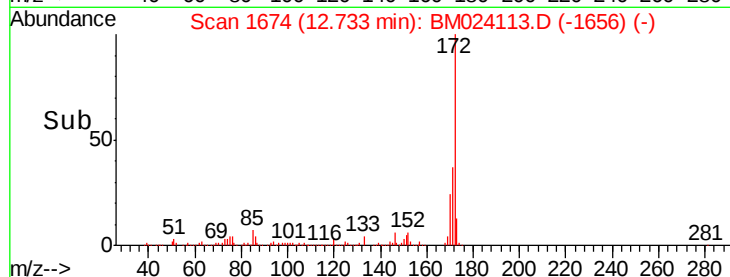
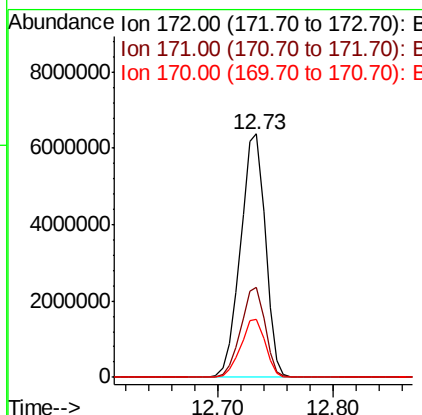
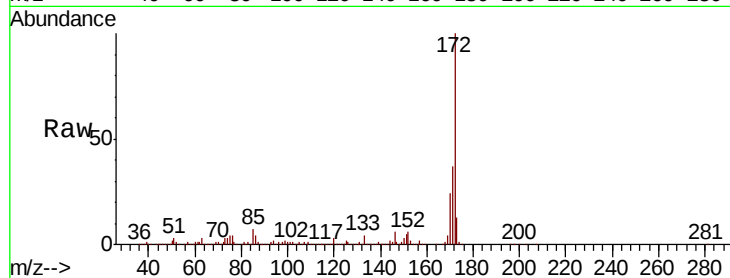
#45
2-Fluorobiphenyl
Concen: 119.108 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.7	43.1
170	23.9	18.9	28.3

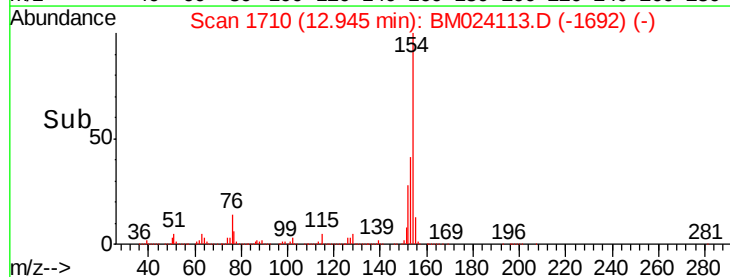
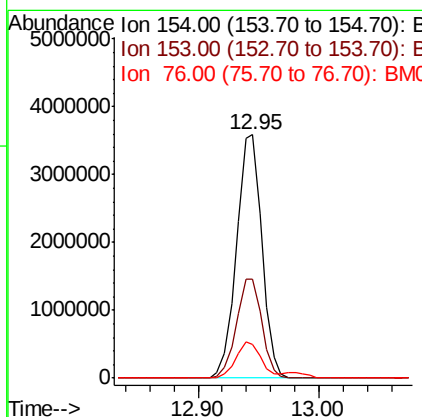
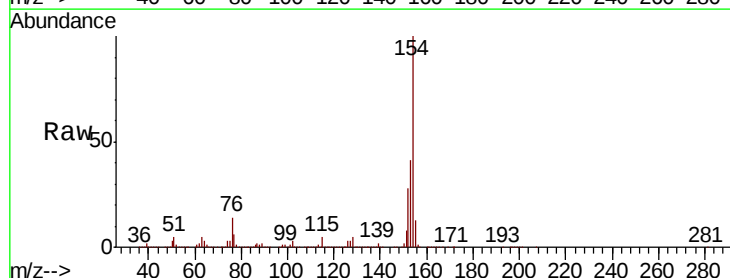
Manual Integrations
APPROVED

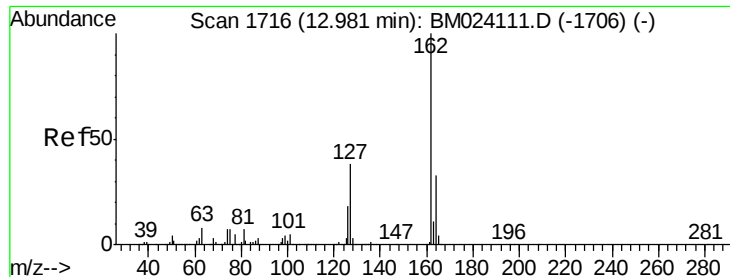
mohammad
12/17/2019 3:20:20 PM



#46
1,1'-Biphenyl
Concen: 57.740 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	14.0	0.0	35.1





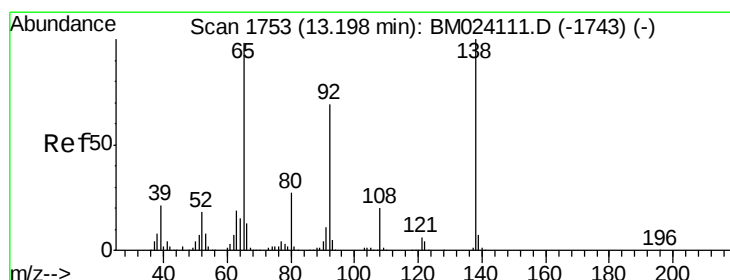
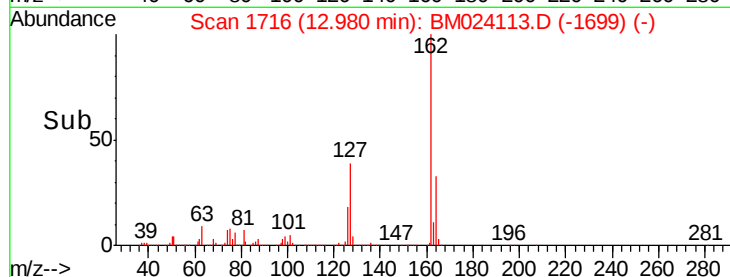
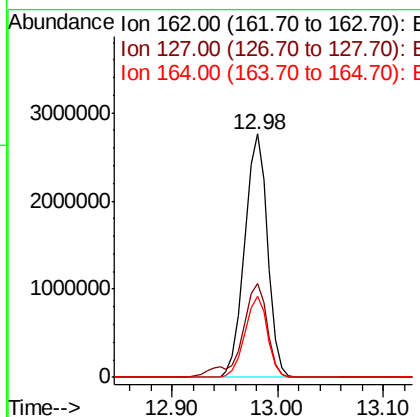
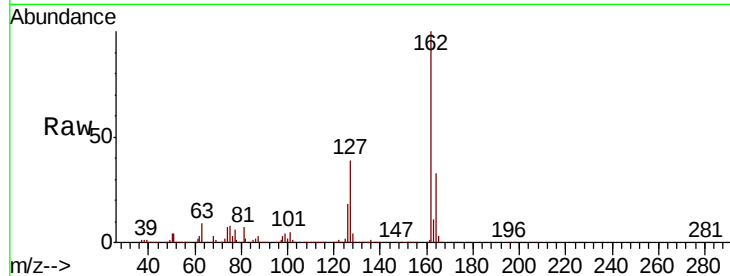
#47
2-Chloronaphthalene
Concen: 61.354 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.3	26.2	39.2

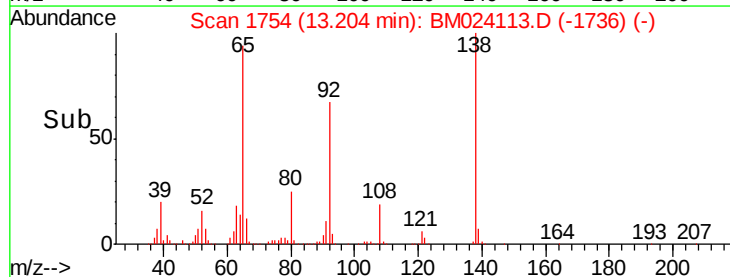
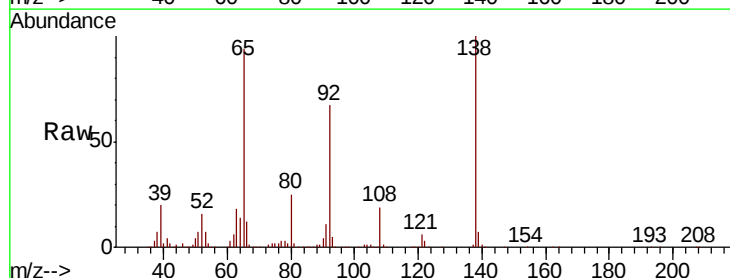
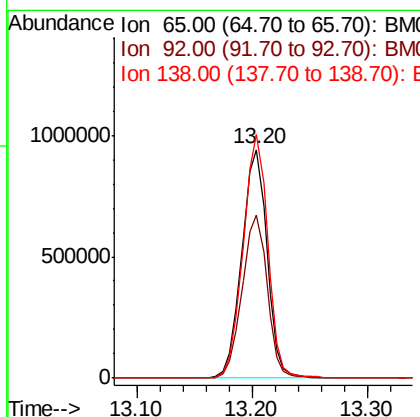
Manual Integrations
APPROVED

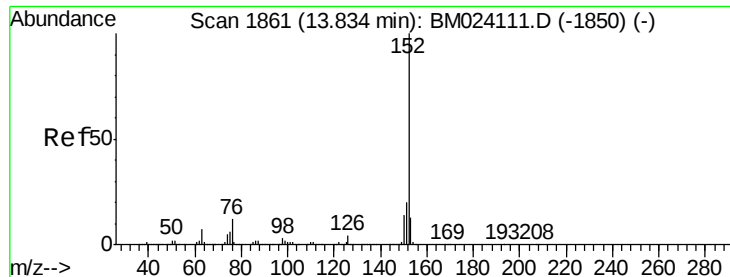
mohammad
12/17/2019 3:20:20 PM



#48
2-Nitroaniline
Concen: 81.051 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.4	84.6
138	106.4	81.9	122.9





#49

Acenaphthylene

Concen: 64.564 ng

RT: 13.84 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 6487761

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

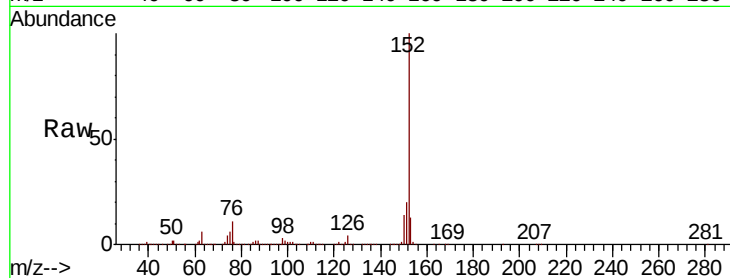
153 13.1 10.6 15.8

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:20 PM

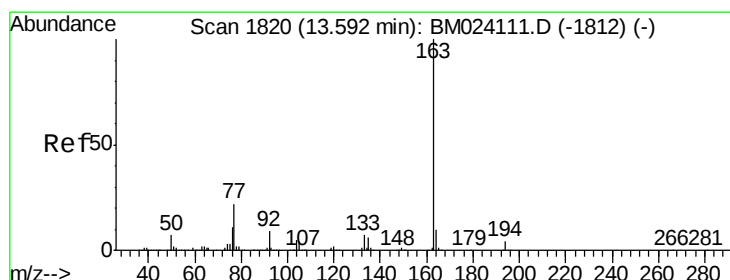
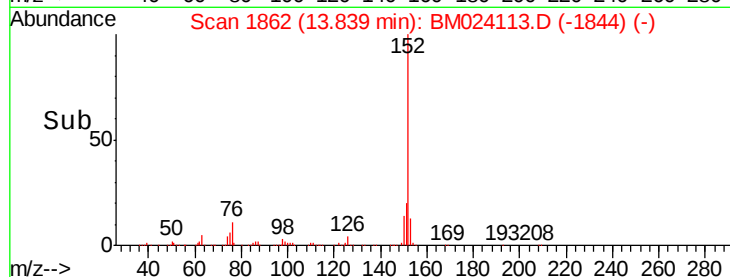
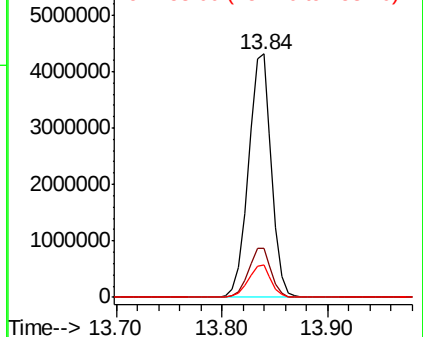


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 67.846 ng

RT: 13.60 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

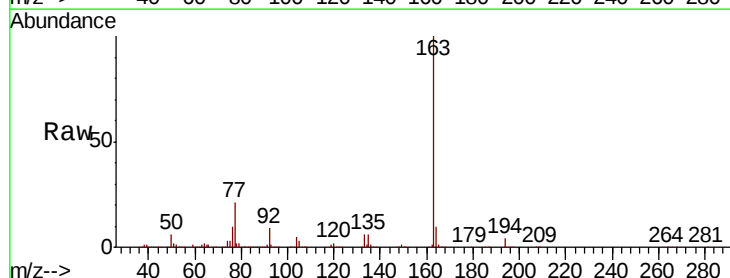
Tgt Ion:163 Resp: 5393437

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.1 12.1

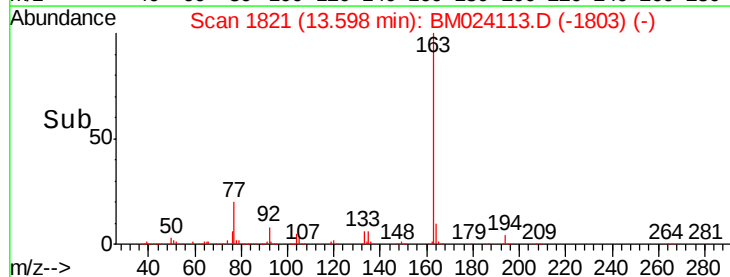
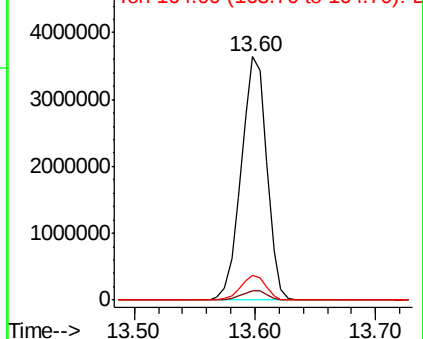


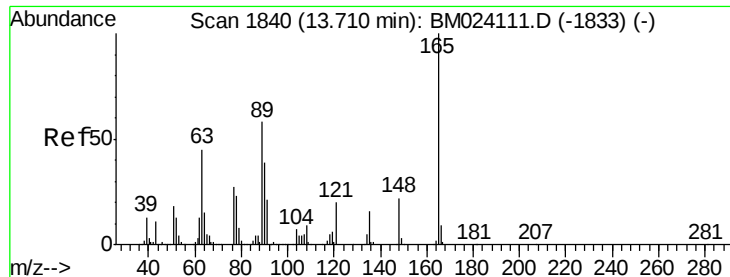
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





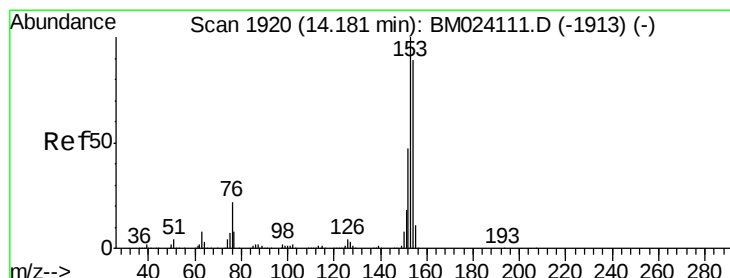
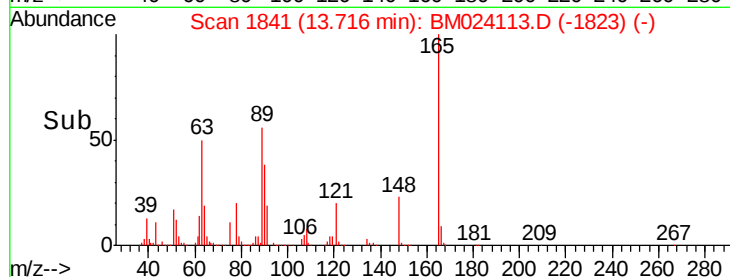
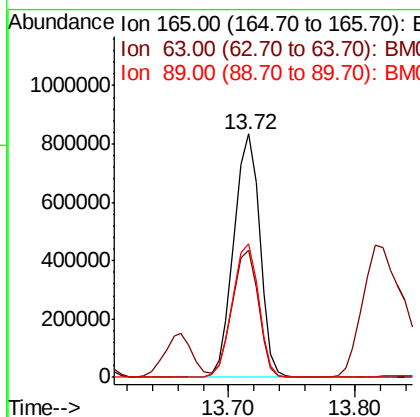
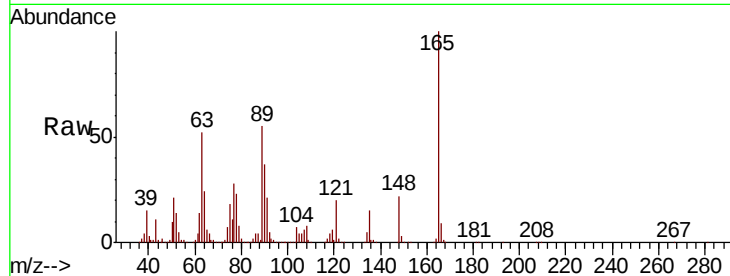
#51
2,6-Dinitrotoluene
Concen: 71.053 ng
RT: 13.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	43.0	64.6
89	54.8	46.4	69.6

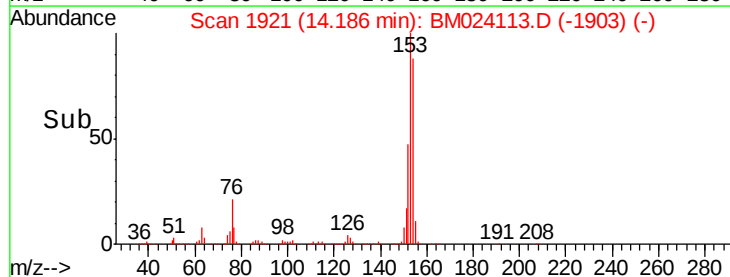
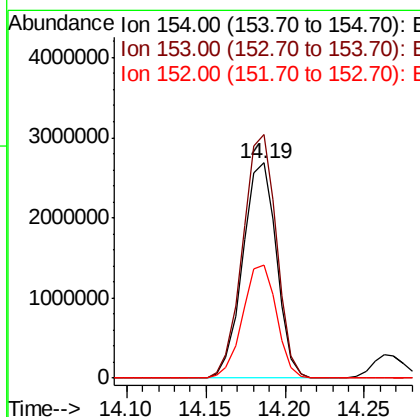
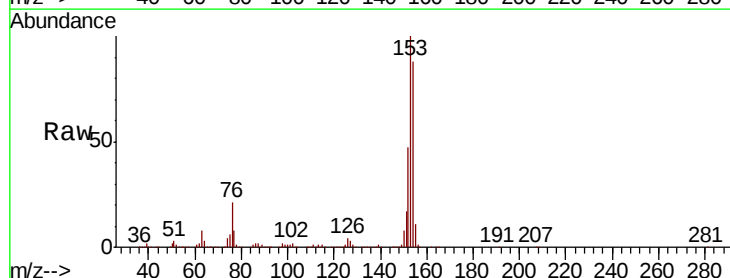
Manual Integrations
APPROVED

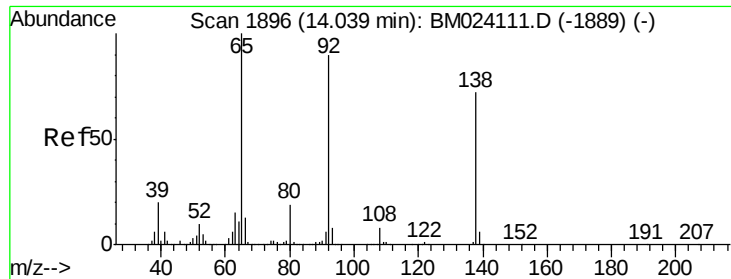
mohammad
12/17/2019 3:20:20 PM



#52
Acenaphthene
Concen: 60.408 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.4	135.6
152	52.9	42.3	63.5





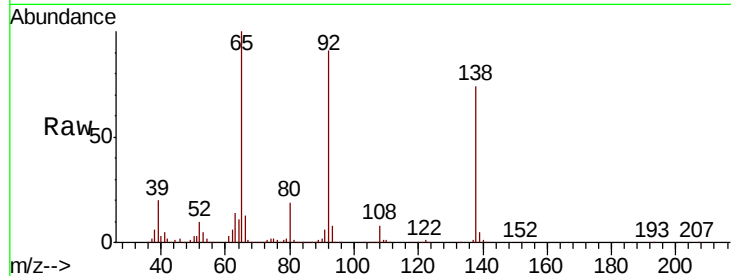
#53
3-Nitroaniline
Concen: 70.080 ng
RT: 14.05 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

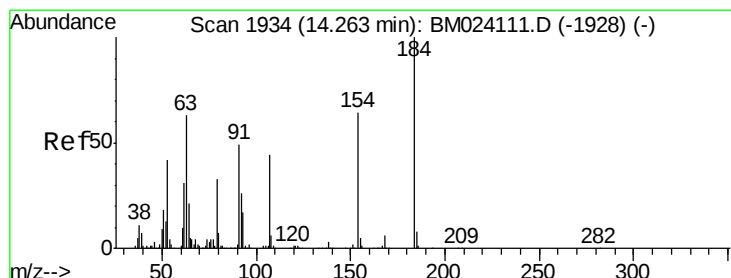
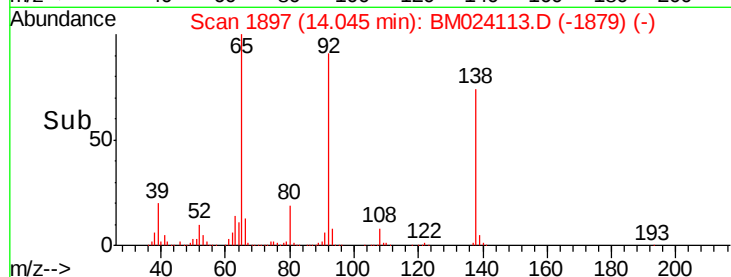
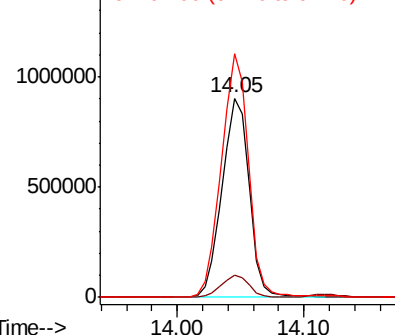
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	122.3	100.6	150.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

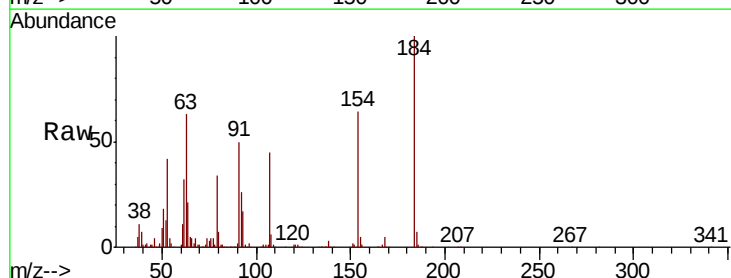


Abundance Ion 138.00 (137.70 to 138.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

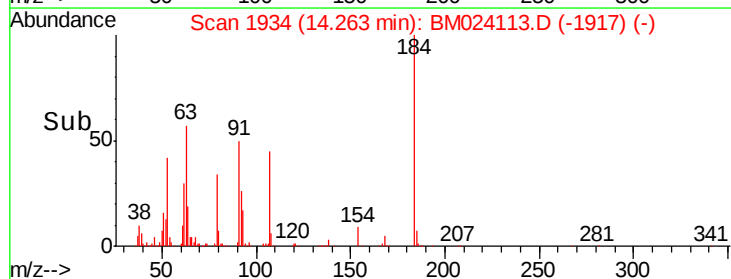
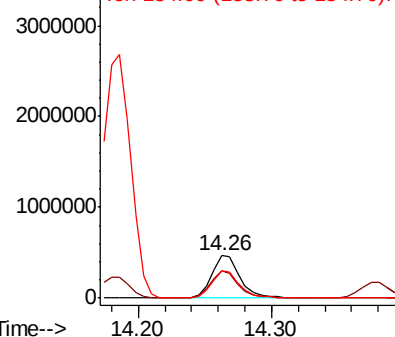


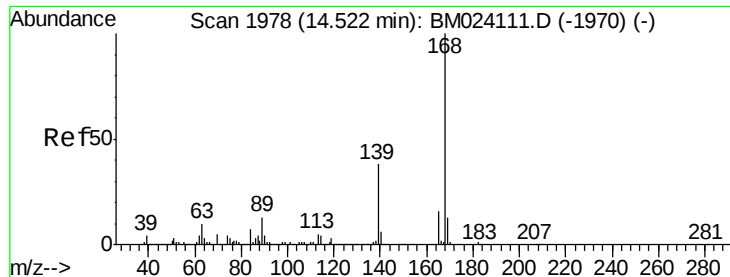
#54
2,4-Dinitrophenol
Concen: 89.127 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	50.2	75.4
154	64.3	51.8	77.8



Abundance Ion 184.00 (183.70 to 184.70): E
3000000
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





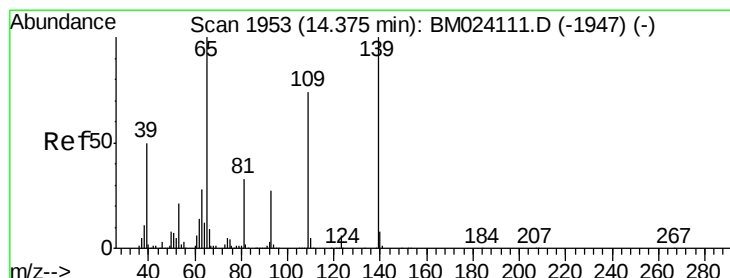
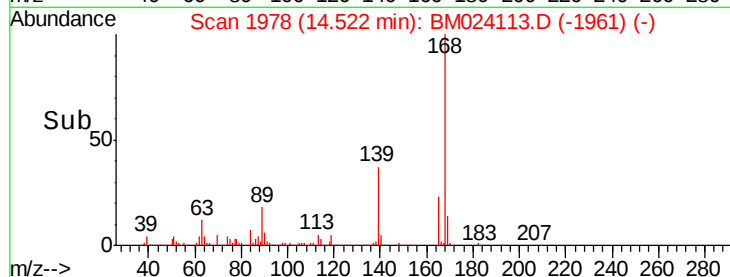
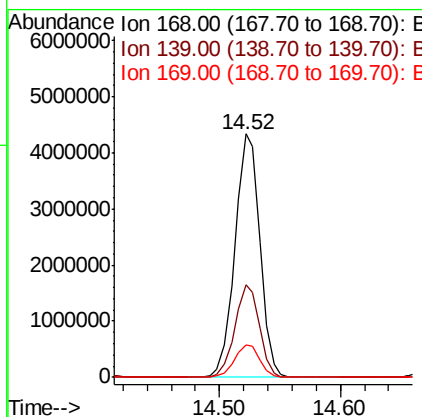
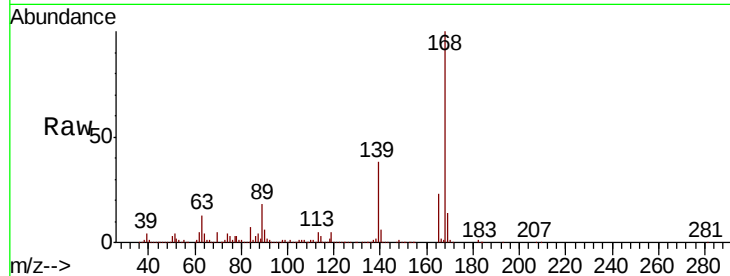
#55
Dibenzofuran
Concen: 64.858 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.4	45.6
169	13.5	10.6	16.0

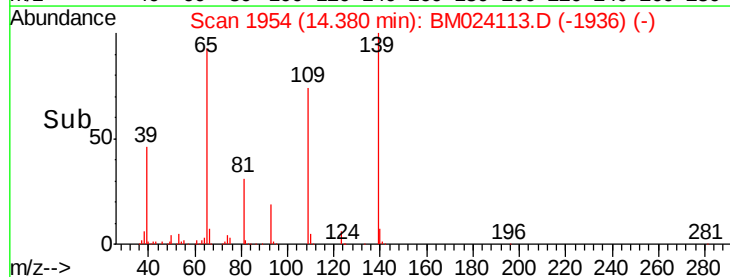
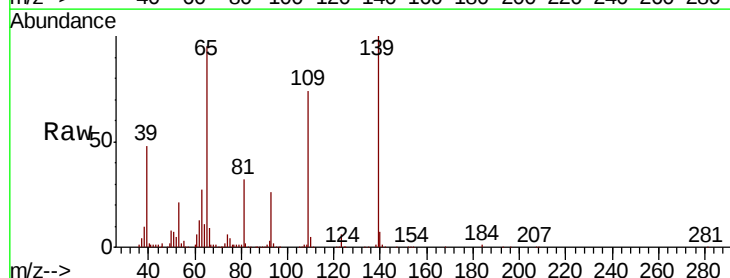
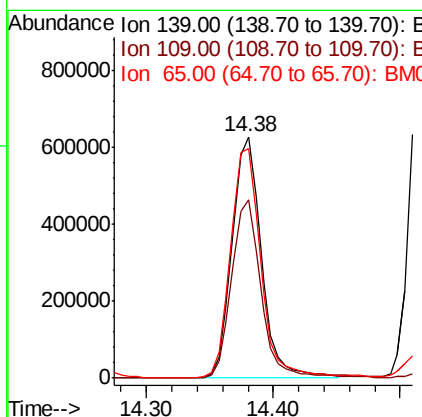
Manual Integrations
APPROVED

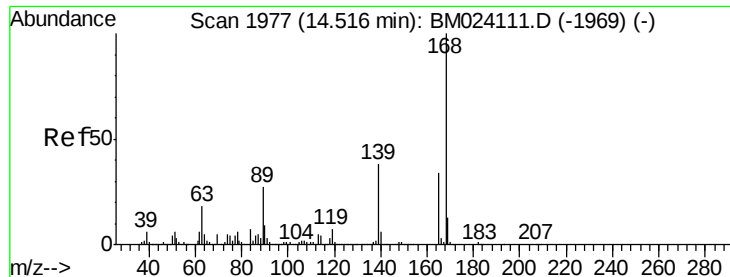
mohammad
12/17/2019 3:20:20 PM



#56
4-Nitrophenol
Concen: 68.134 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	54.2	94.2
65	95.1	80.5	120.5





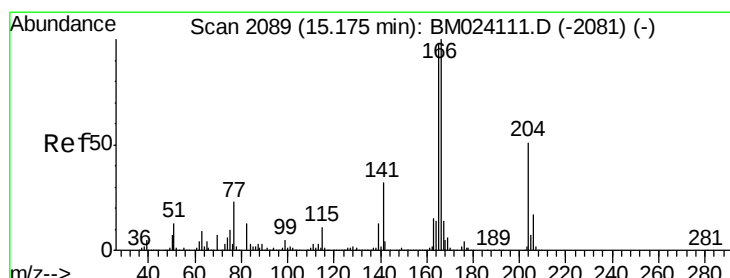
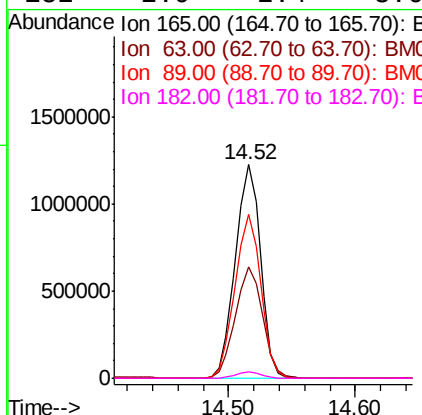
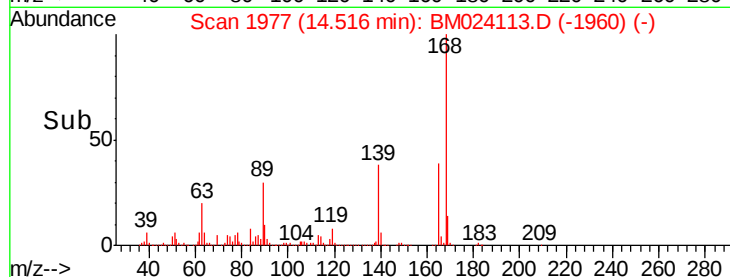
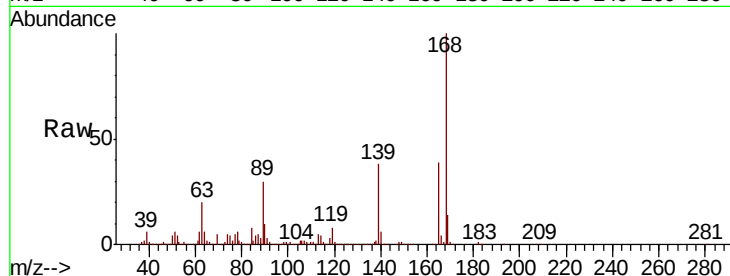
#57
2,4-Dinitrotoluene
Concen: 77.437 ng
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	42.6	64.0
89	76.8	61.6	92.4
182	2.9	2.4	3.6

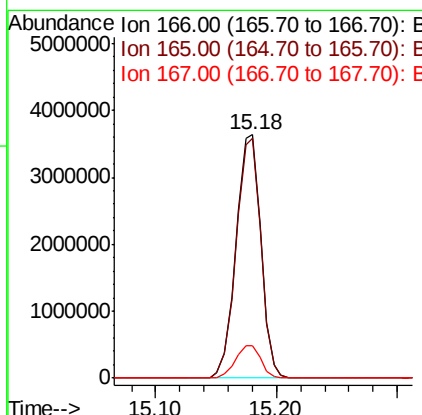
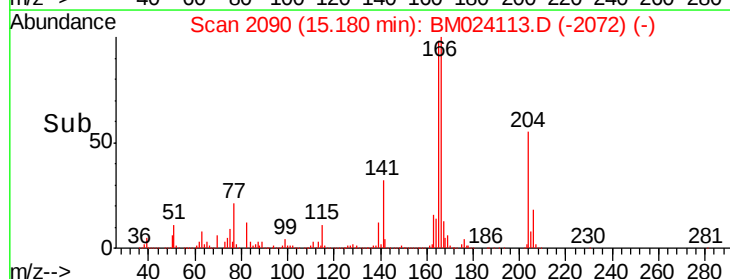
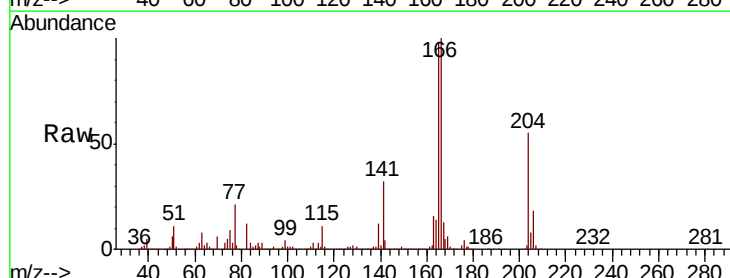
Manual Integrations
APPROVED

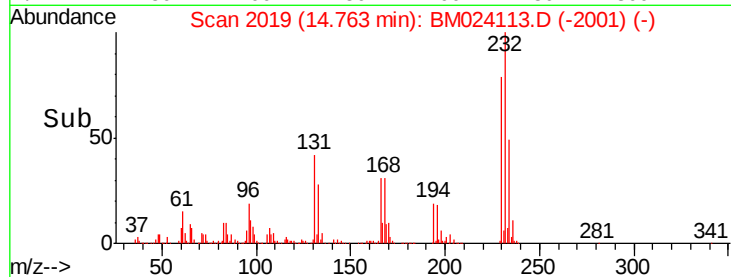
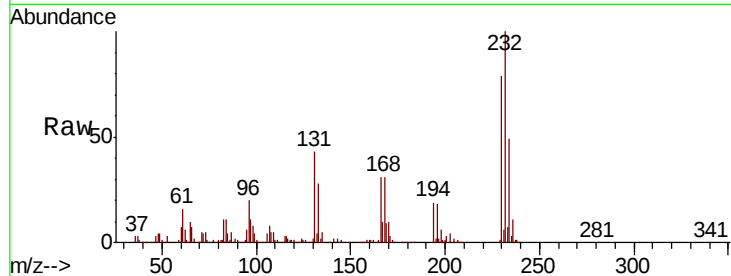
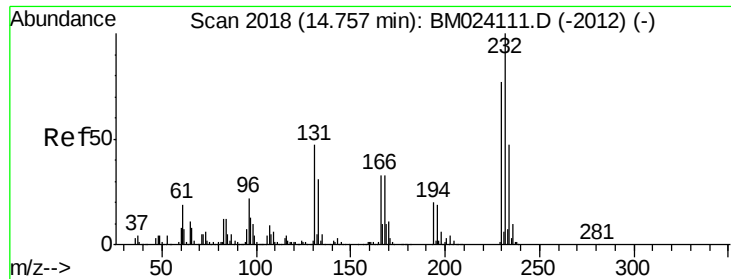
mohammad
12/17/2019 3:20:20 PM



#58
Fluorene
Concen: 67.116 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.0	117.0
167	13.4	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 64.645 ng

RT: 14.76 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:232 Resp: 1263874

Ion Ratio Lower Upper

232 100

131 45.1 36.1 54.1

130 2.3 1.9 2.9

166 31.9 25.5 38.3

Manual Integrations

APPROVED

mohammad

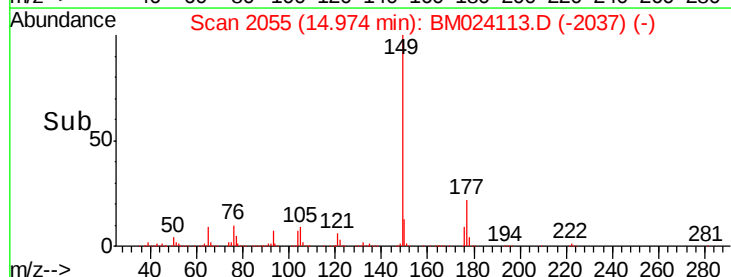
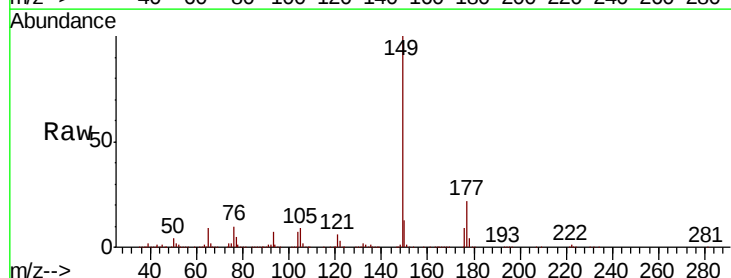
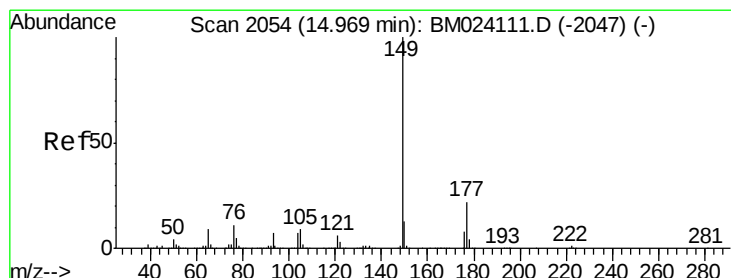
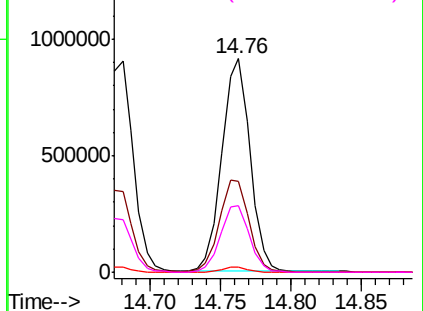
12/17/2019 3:20:20 PM

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 70.489 ng

RT: 14.97 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 5448627

Ion Ratio Lower Upper

149 100

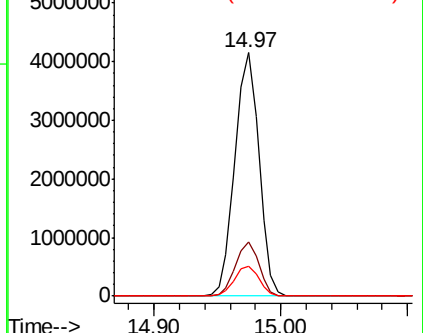
177 22.4 17.3 25.9

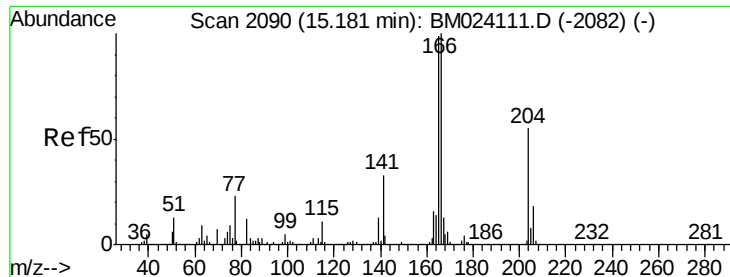
150 12.5 10.1 15.1

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 64.736 ng

RT: 15.18 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

SSTDICC060

Tot Ion:204 Resp: 2594157

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.8

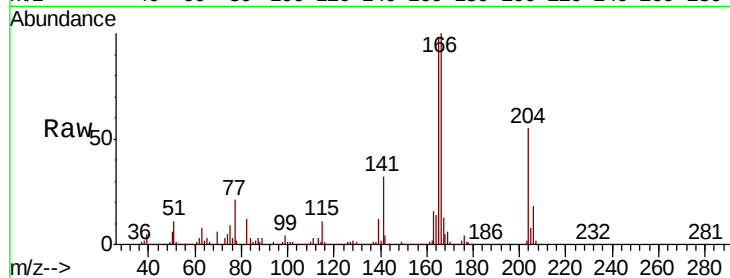
141 58.0 47.0 70.4

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:20 PM

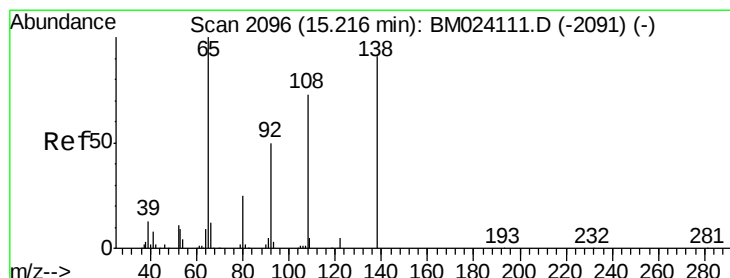
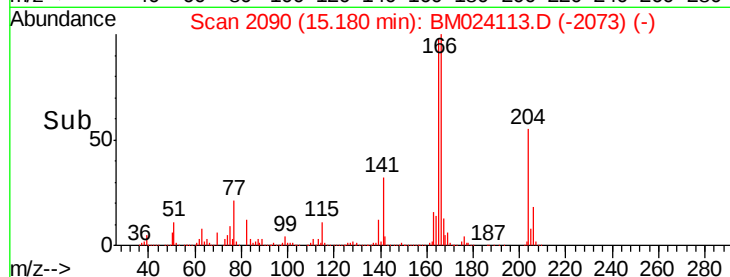
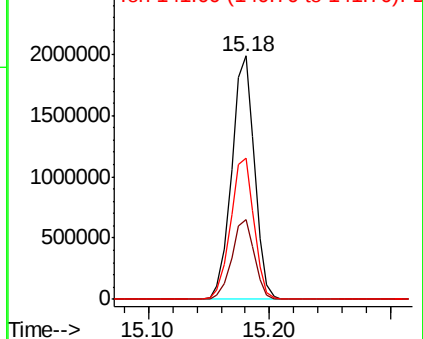


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 66.191 ng

RT: 15.22 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

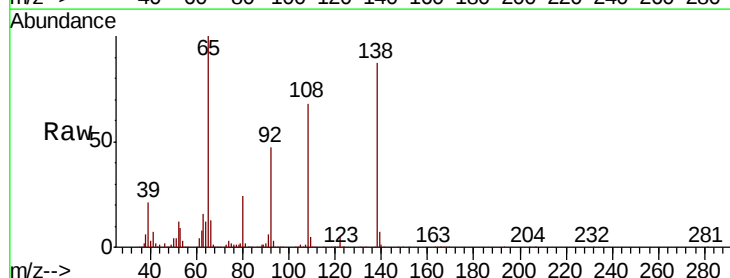
Tgt Ion:138 Resp: 1328429

Ion Ratio Lower Upper

138 100

92 54.1 33.8 73.8

108 78.2 57.6 97.6

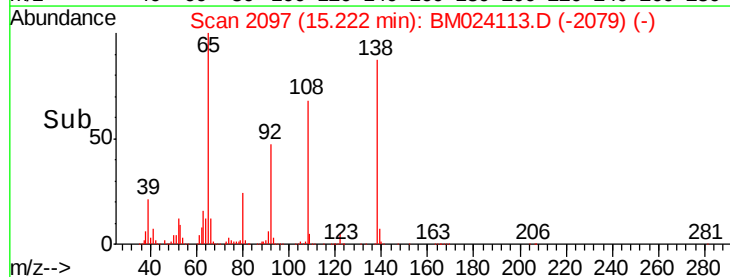
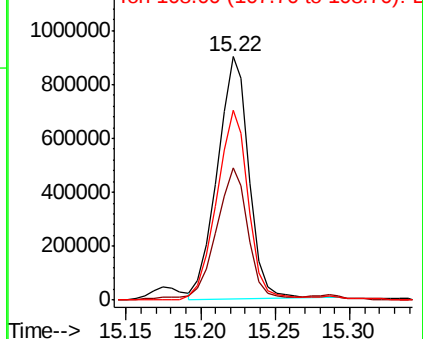


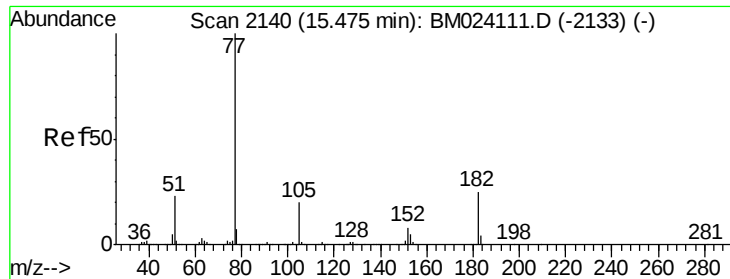
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





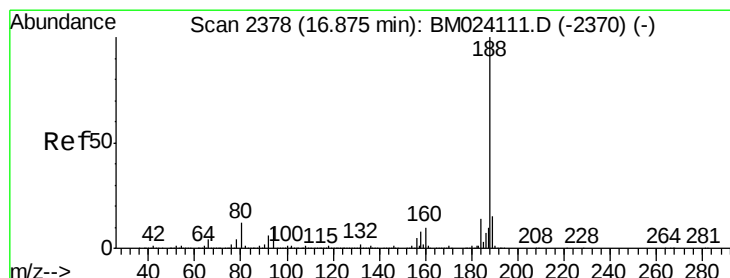
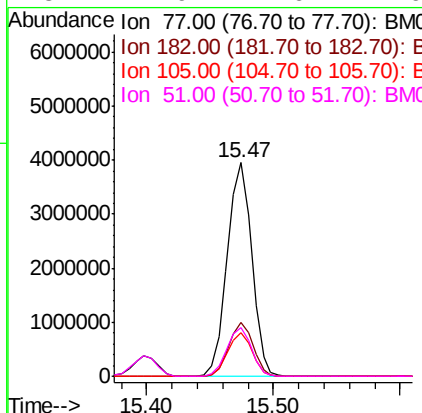
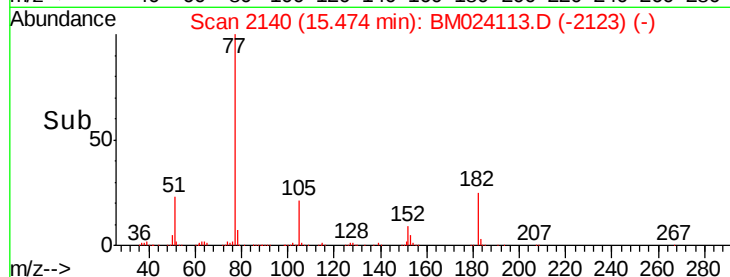
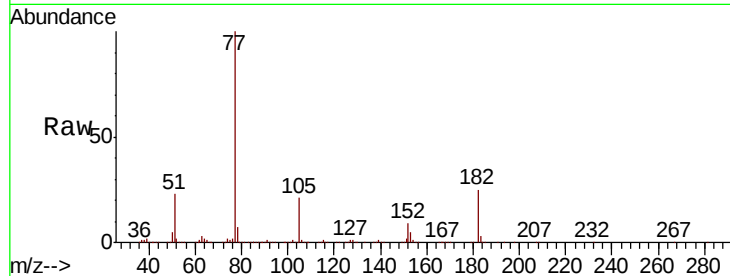
#63
Azobenzene
Concen: 75.463 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	77	Resp	5267602
Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.7	44.7
105	20.5	0.0	40.0
51	22.9	2.6	42.6

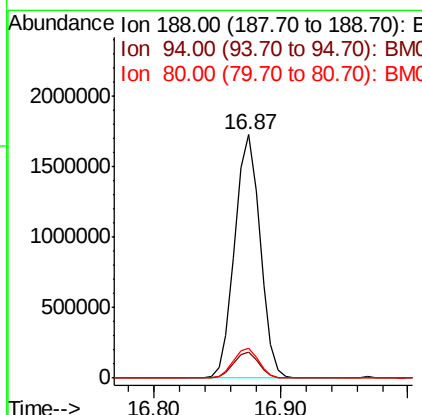
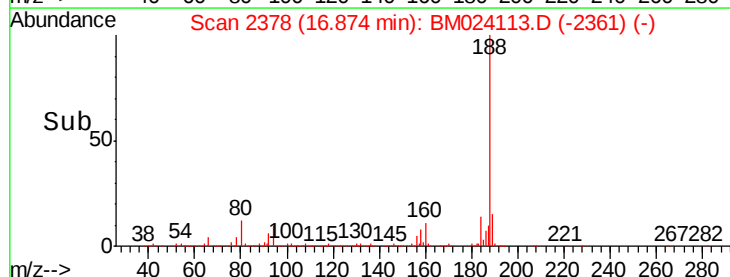
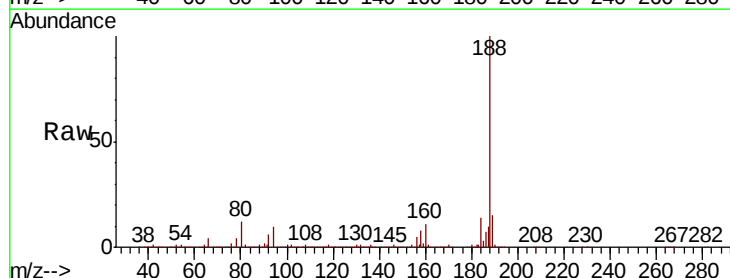
Manual Integrations
APPROVED

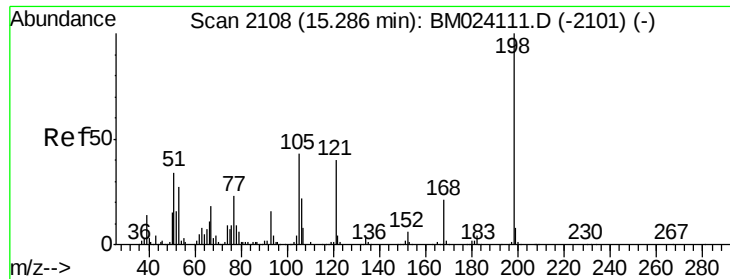
mohammad
12/17/2019 3:20:20 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	188	Resp	2385442
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	12.2	9.6	14.4





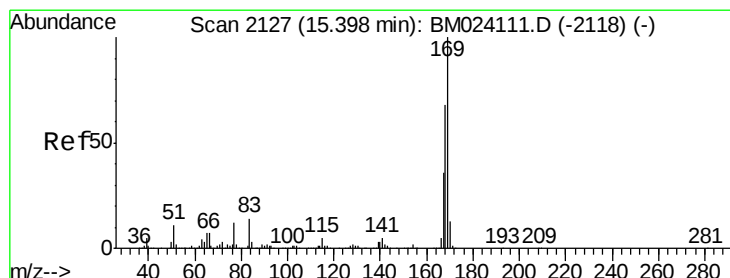
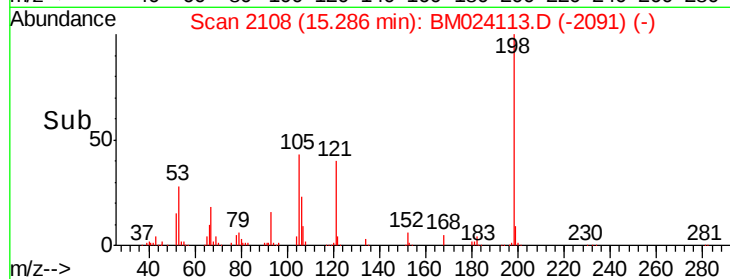
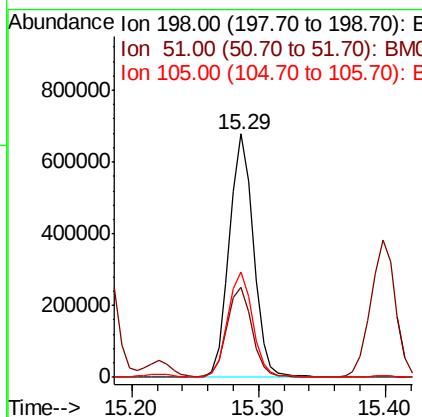
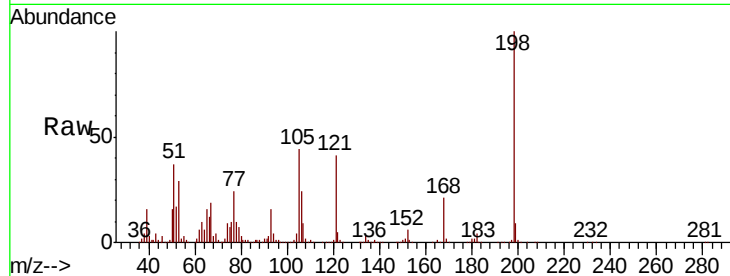
#65
4,6-Dinitro-2-methylphenol
Concen: 80.334 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	897461		
51	36.8	15.0	55.0	
105	43.5	22.9	62.9	

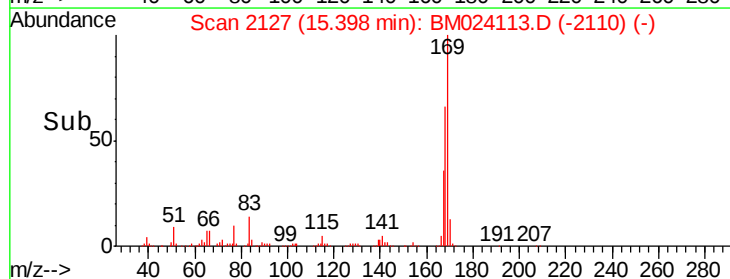
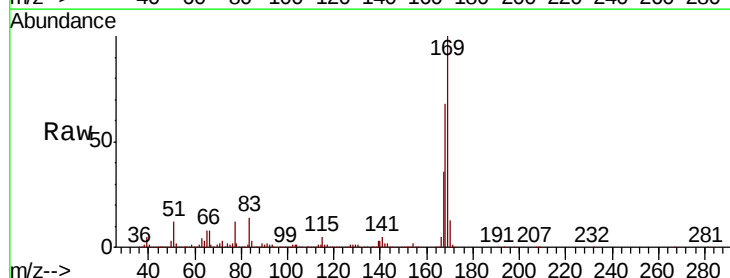
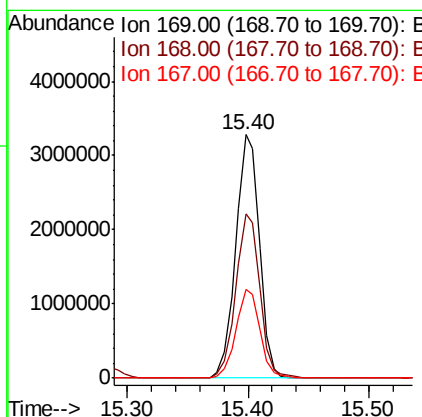
Manual Integrations
APPROVED

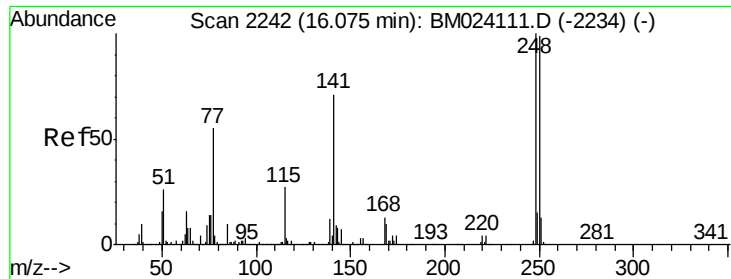
mohammad
12/17/2019 3:20:20 PM



#66
n-Nitrosodiphenylamine
Concen: 61.513 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	4482721		
168	67.6	54.0	81.0	
167	36.4	28.9	43.3	





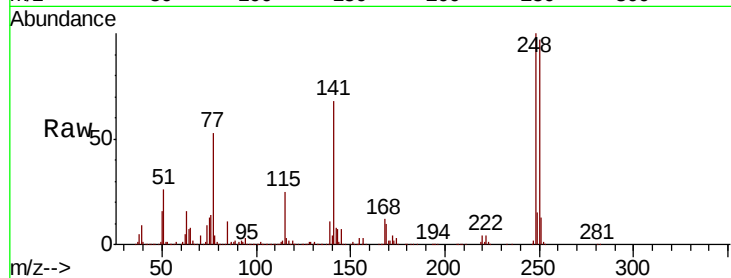
#67
4-Bromophenyl-phenylether
Concen: 64.309 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.1	118.7
141	68.5	56.8	85.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM

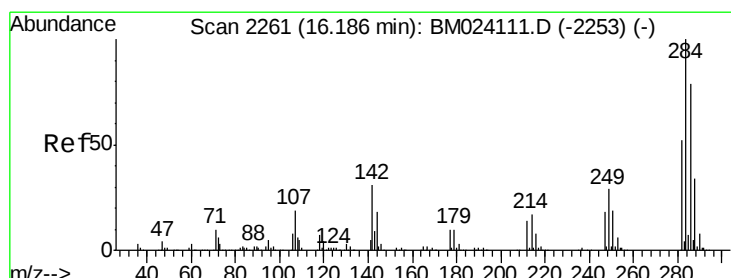
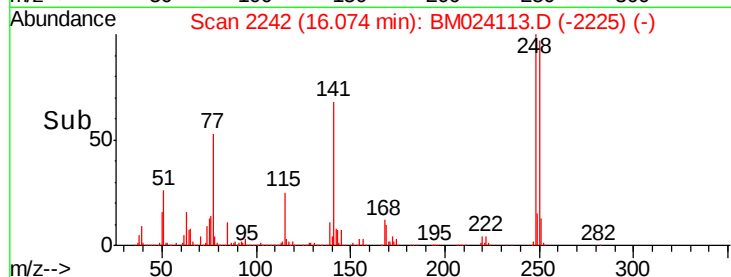
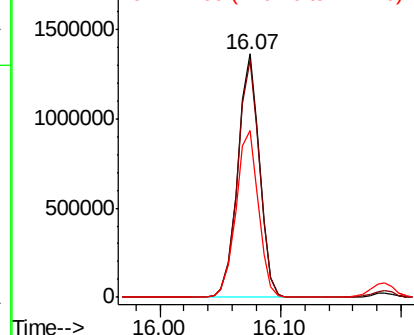


Abundance

Ion 248.00 (247.70 to 248.70): E

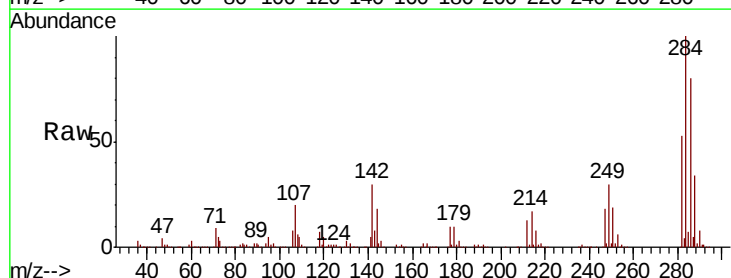
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 66.508 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	24.6	37.0
249	29.5	23.5	35.3

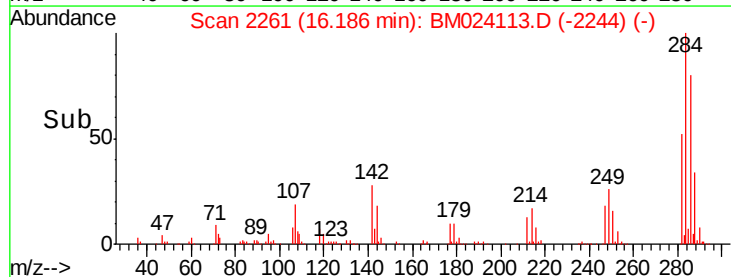
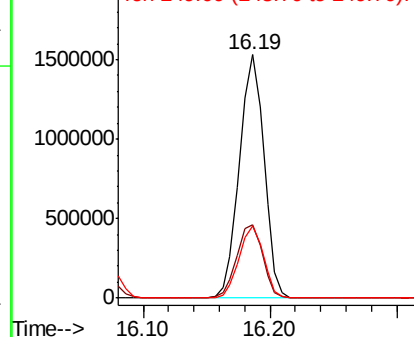


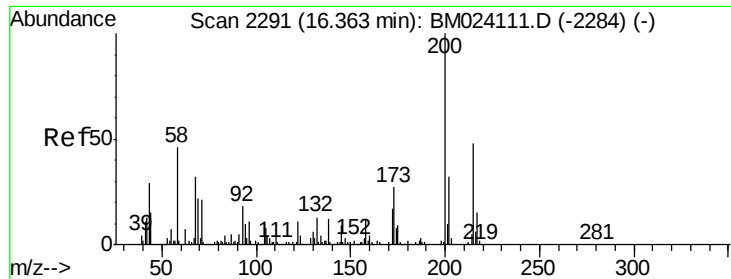
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





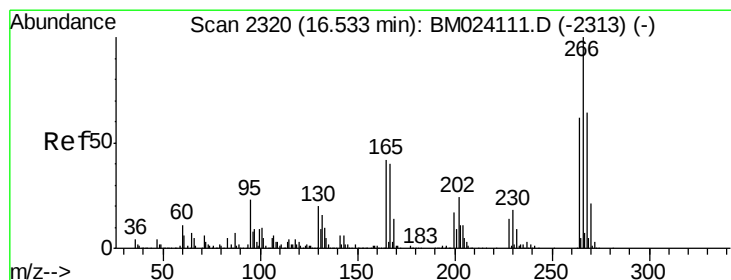
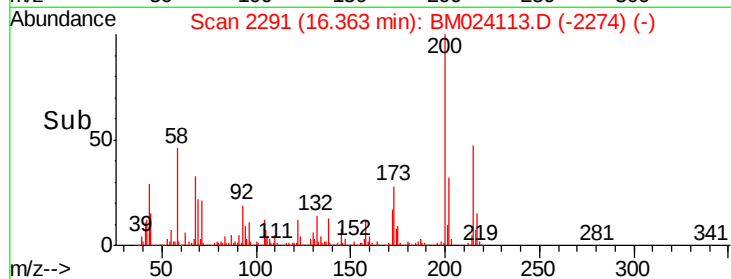
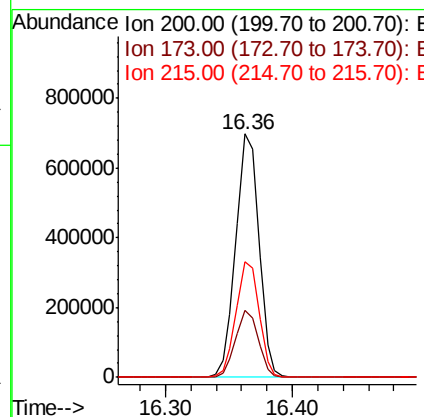
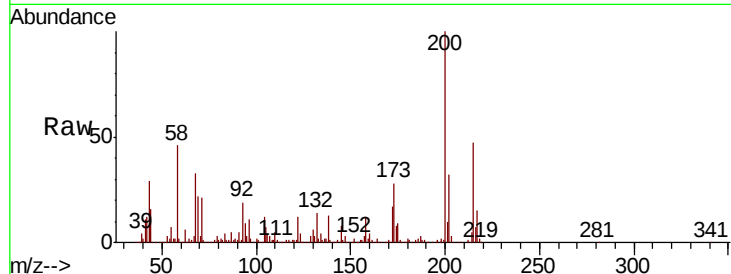
#69
Atrazine
Concen: 37.283 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
200	100	883253		
173	27.8		7.2	47.2
215	47.3		27.9	67.9

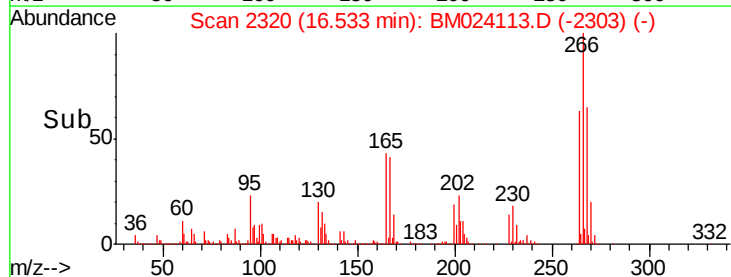
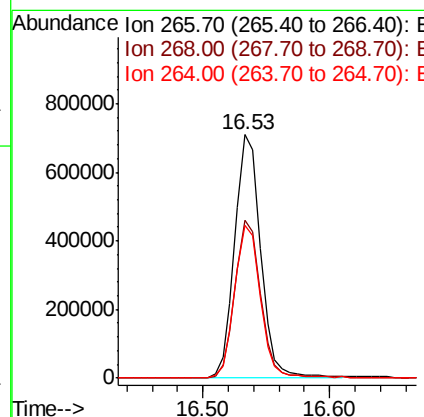
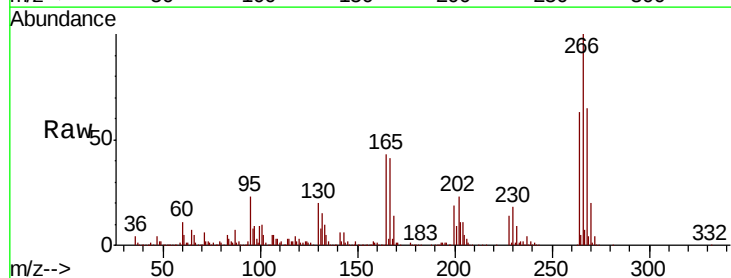
Manual Integrations
APPROVED

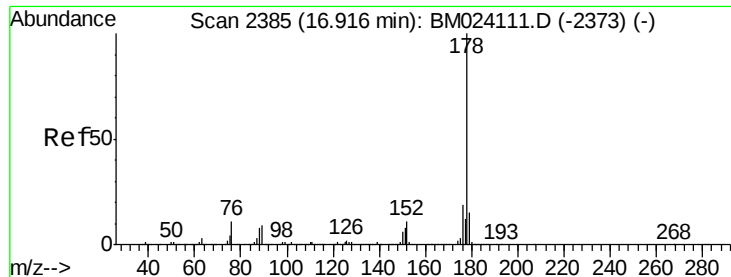
mohammad
12/17/2019 3:20:20 PM



#70
Pentachlorophenol
Concen: 60.892 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1004782		
268	64.7		51.2	76.8
264	62.8		49.6	74.4





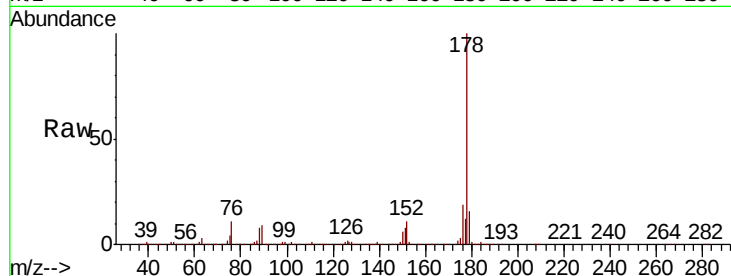
#71
Phenanthrene
Concen: 61.274 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

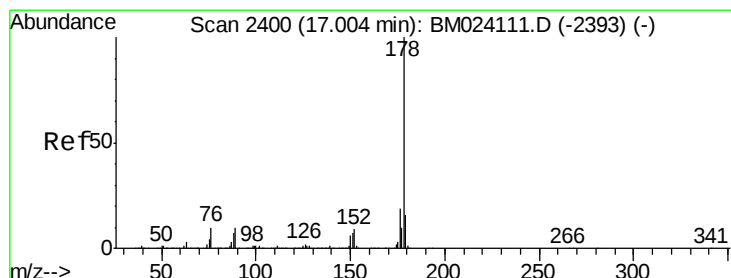
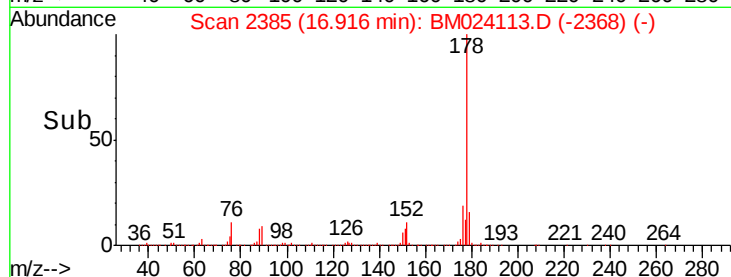
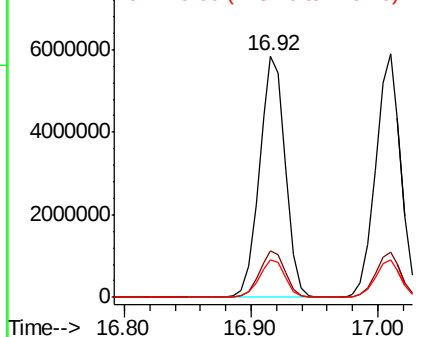
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.8	12.2	18.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



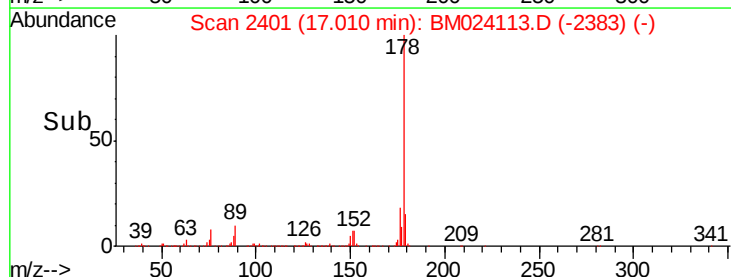
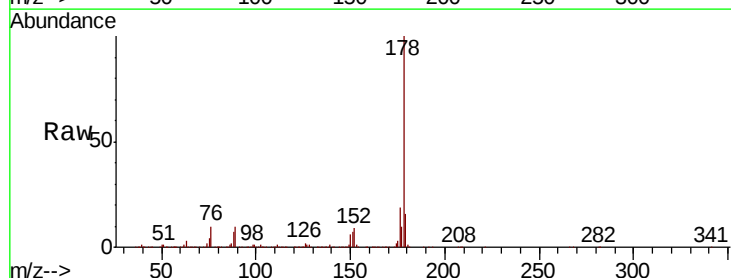
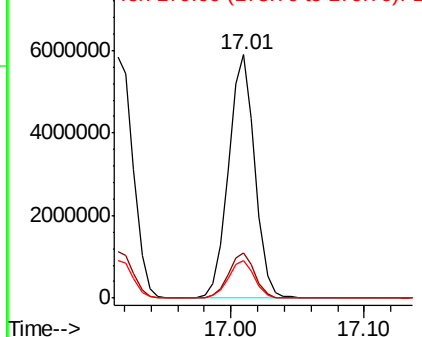
Abundance Ion 178.00 (177.70 to 178.70): E
8000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

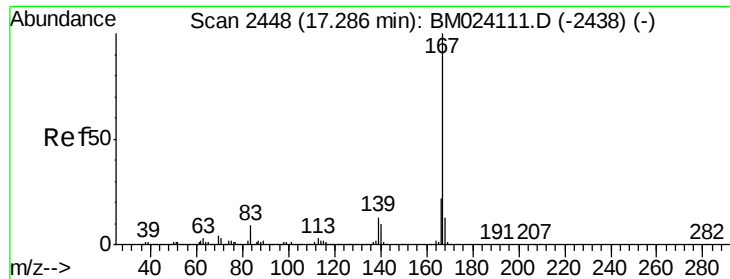


#72
Anthracene
Concen: 61.886 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.5	18.7

Abundance Ion 178.00 (177.70 to 178.70): E
8000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





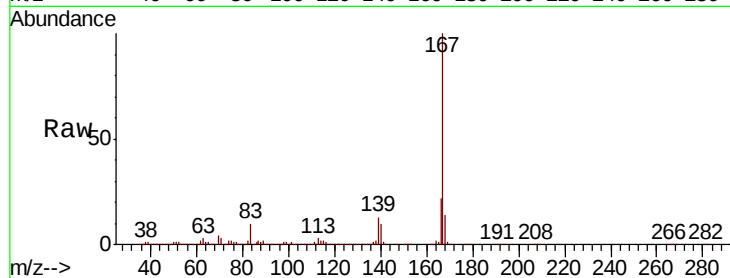
#73
 Carbazole
 Concen: 62.930 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.0	10.2	15.4

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:20 PM

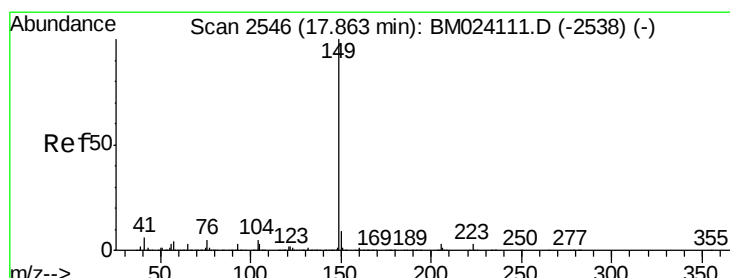
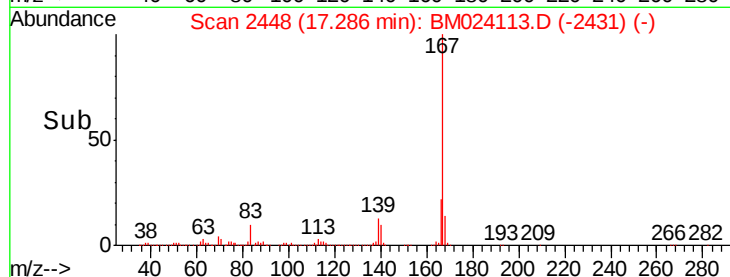
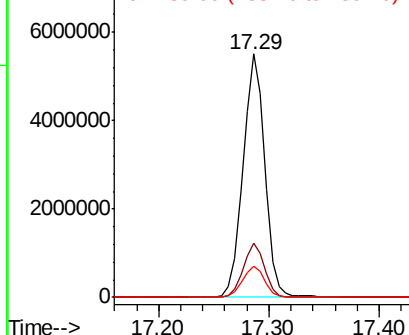


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 68.370 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

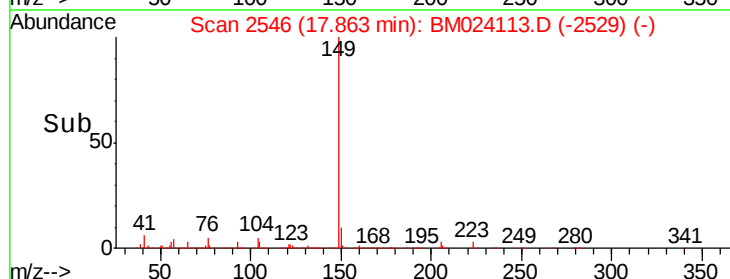
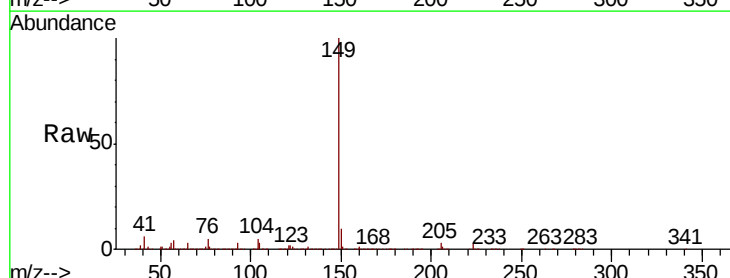
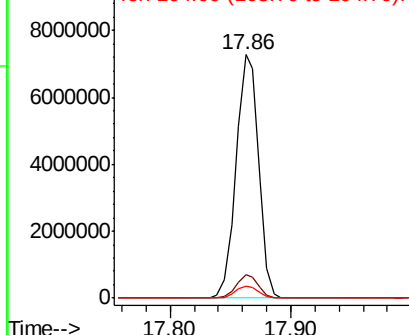
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	5.1	4.0	6.0

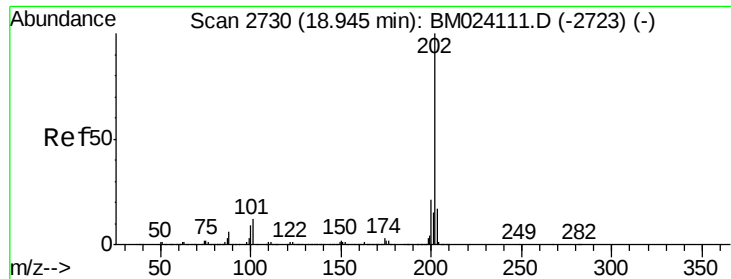
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 62.435 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

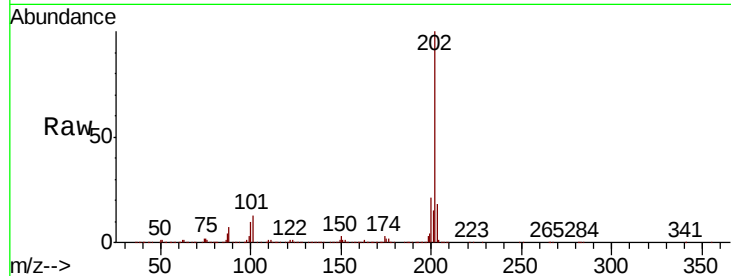
ClientSampleId :

SSTDIC060

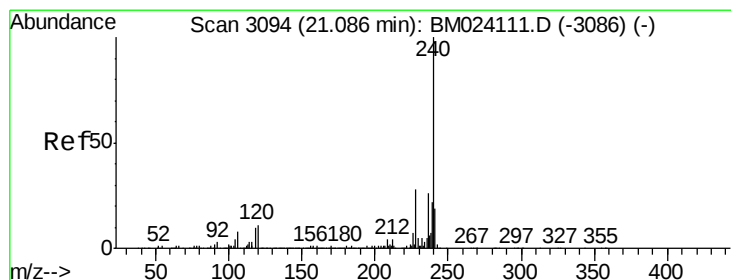
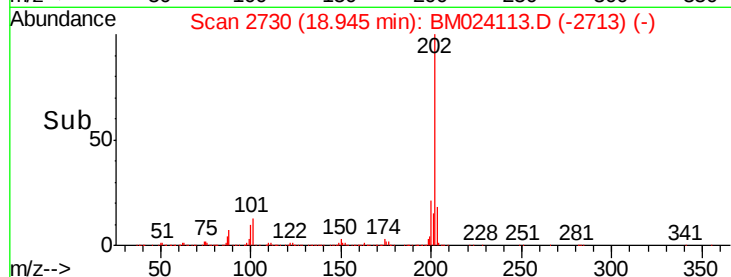
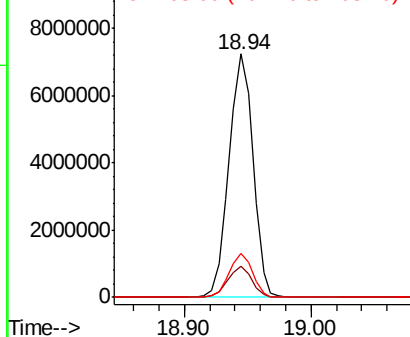
Tot Ion:	202	Resp:	9483074
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.0
203	18.1	0.0	37.5

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

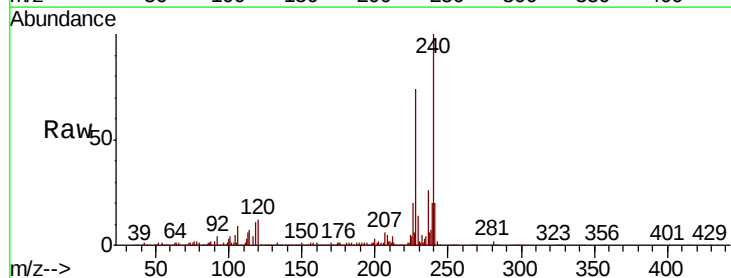
RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

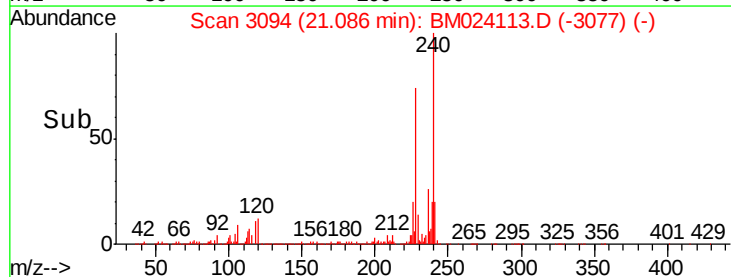
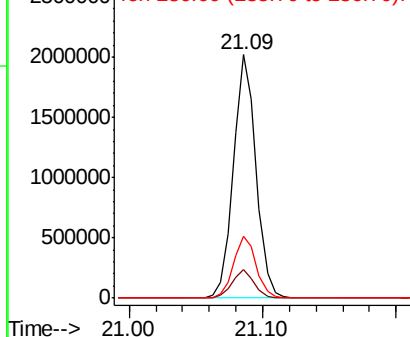
Lab File: BM024113.D

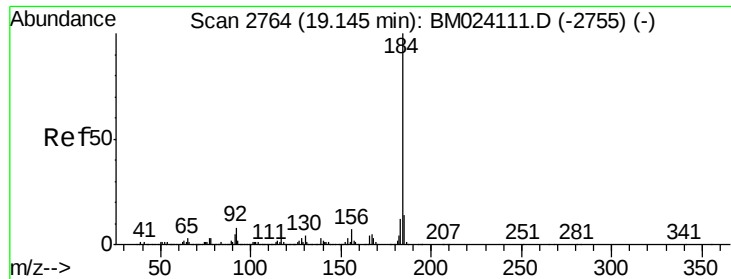
Acq: 16 Dec 2019 17:57

Tgt Ion:	240	Resp:	2386947
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	25.5	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.417 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 2450163

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.4

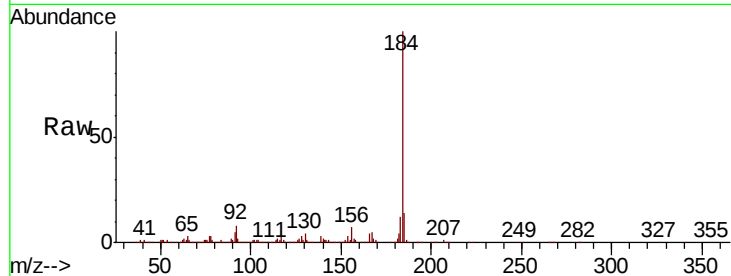
183 12.3 9.9 14.9

Manual Integrations

APPROVED

mohammad

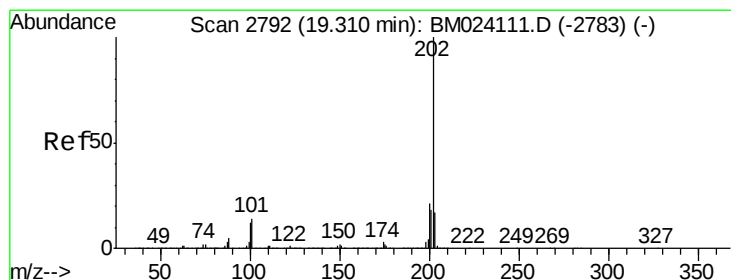
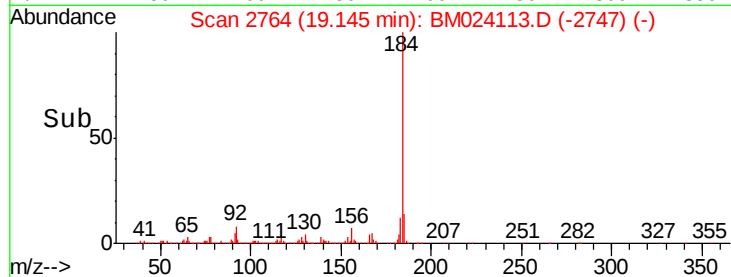
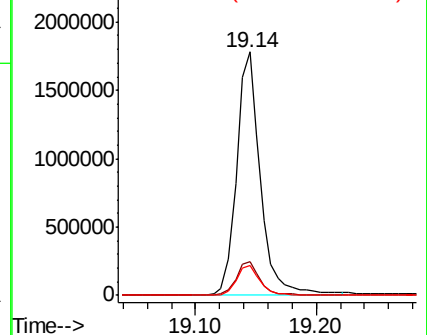
12/17/2019 3:20:20 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 62.108 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

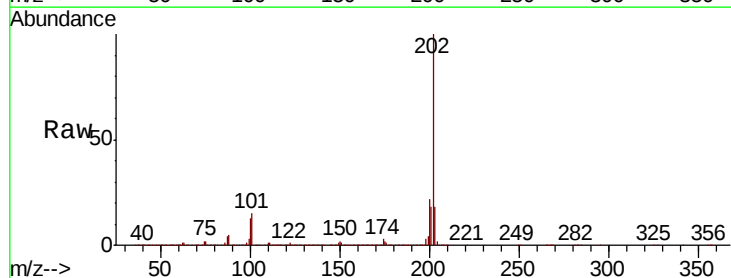
Tgt Ion:202 Resp: 9715420

Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

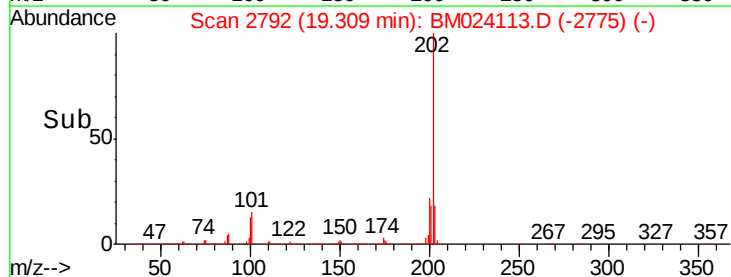
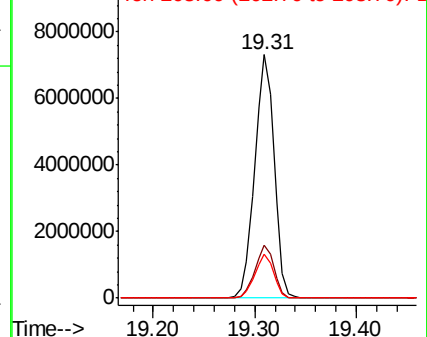
203 18.0 14.0 21.0

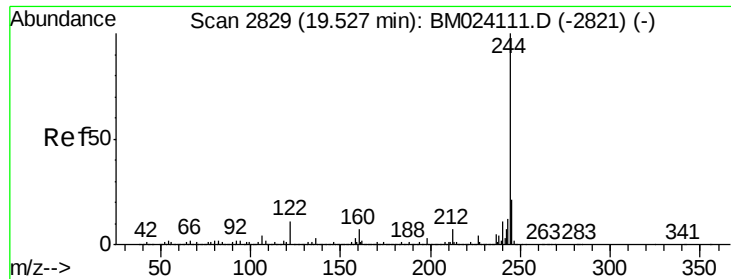


Abundance Ion 202.00 (201.70 to 202.70): E

1e+07 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





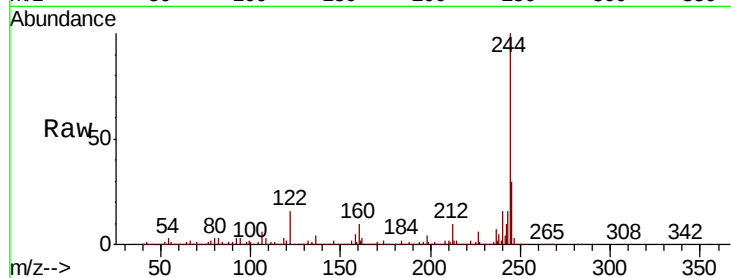
#79
 Terphenyl-d14
 Concen: 107.369 ng
 RT: 19.53 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC060

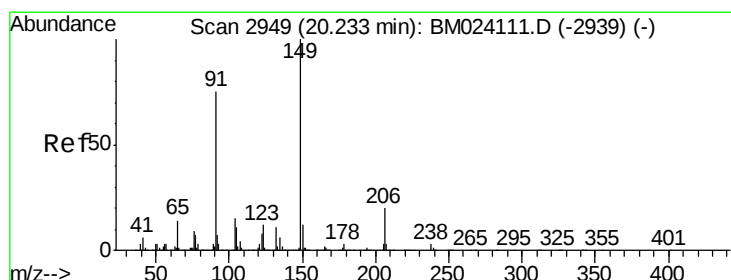
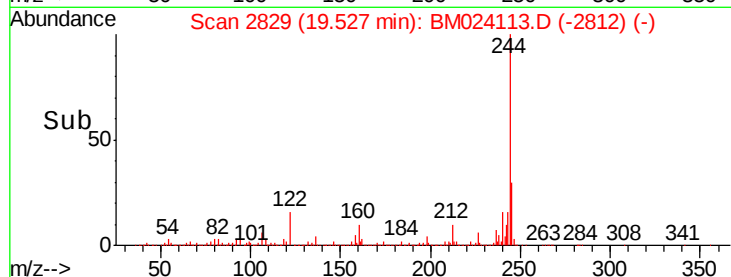
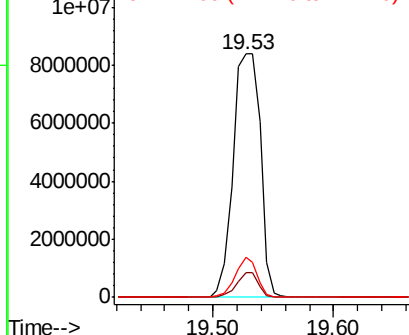
Tot Ion:244 Resp:13235200
 Ion Ratio Lower Upper
 244 100
 212 10.1 5.6 8.4#
 122 16.4 8.9 13.3#

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:20 PM

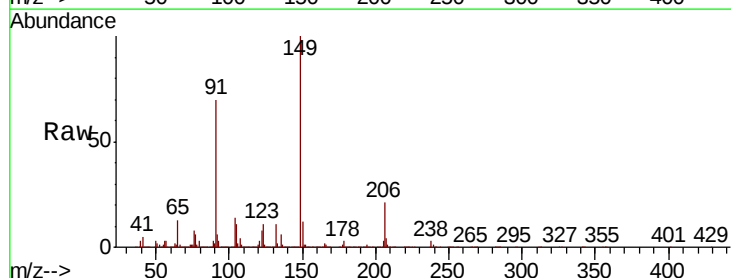


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

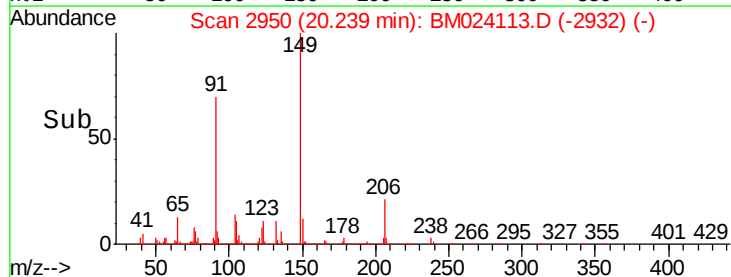
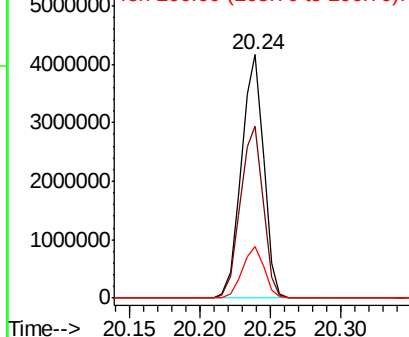


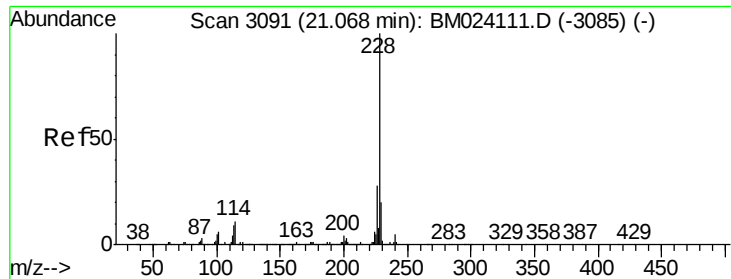
#80
 Butylbenzylphthalate
 Concen: 76.942 ng
 RT: 20.24 min Scan# 2950
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 4574232
 Ion Ratio Lower Upper
 149 100
 91 70.5 59.7 89.5
 206 21.3 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.758 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 9554123

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

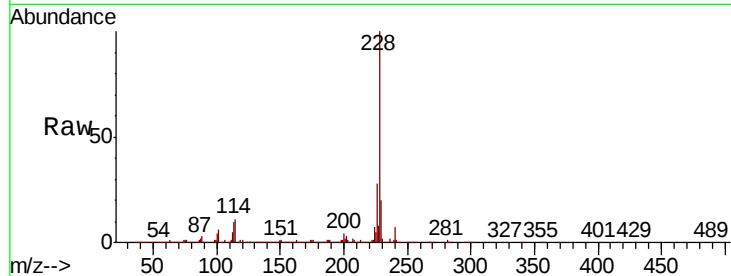
229 20.4 16.1 24.1

Manual Integrations

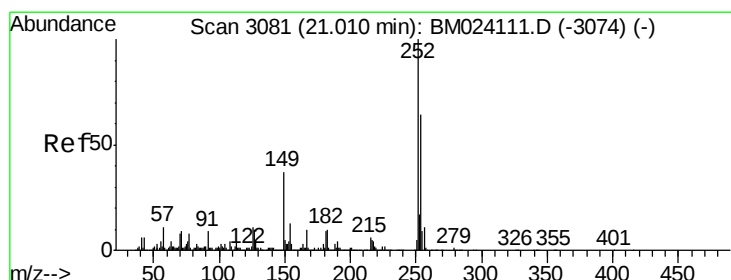
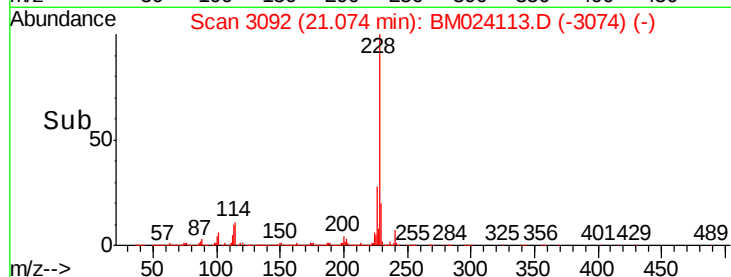
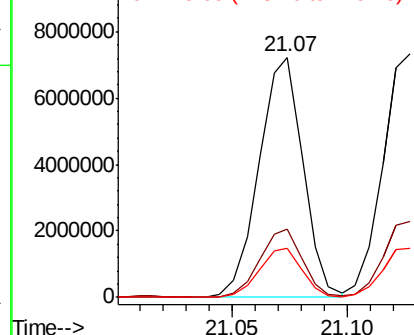
APPROVED

mohammad

12/17/2019 3:20:20 PM



Abundance Ion 228.00 (227.70 to 228.70): E
1e+07 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 63.115 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

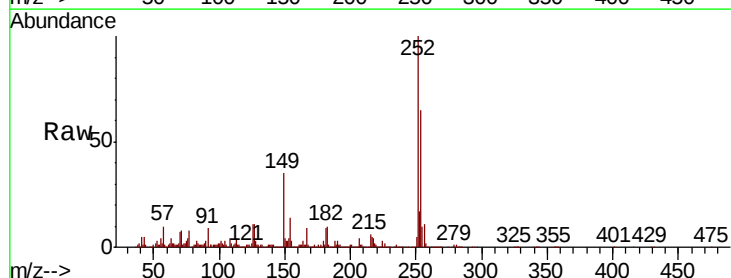
Tgt Ion:252 Resp: 3462597

Ion Ratio Lower Upper

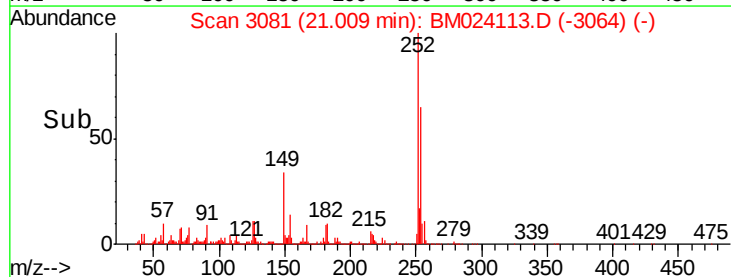
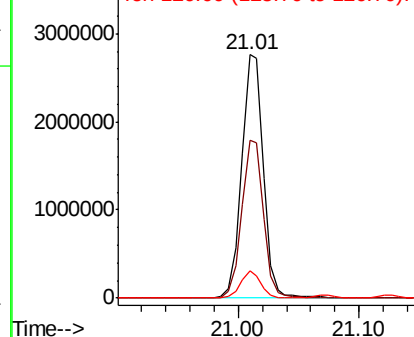
252 100

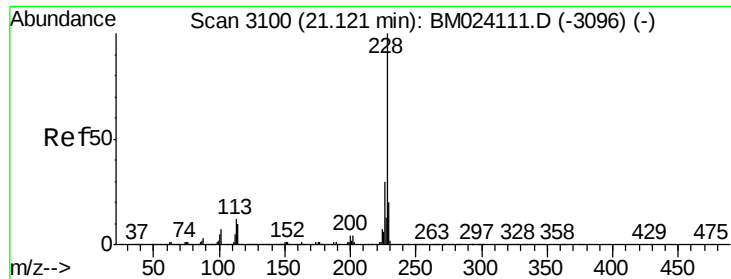
254 64.6 51.3 76.9

126 11.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





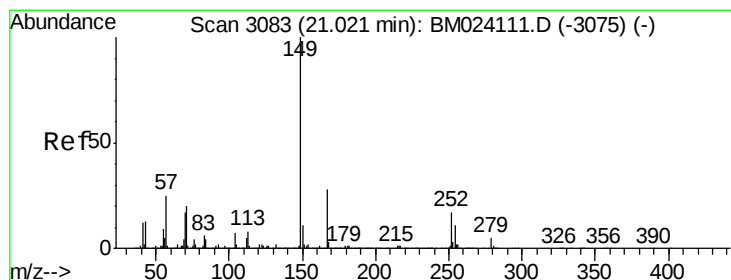
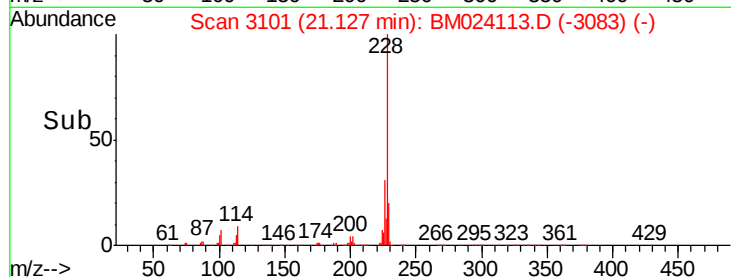
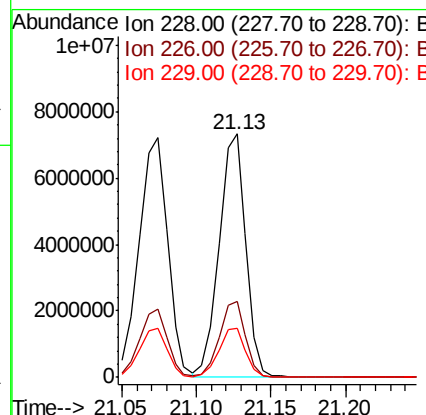
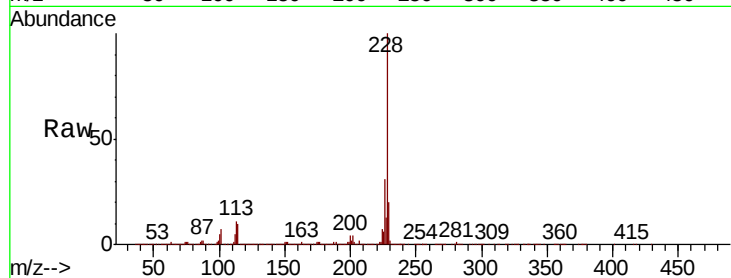
#83
 Chrvsene
 Concen: 61.197 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion:228 Resp: 9178350
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.2 36.2
 229 20.4 16.1 24.1

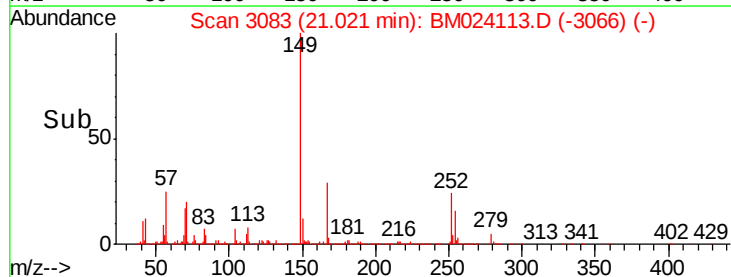
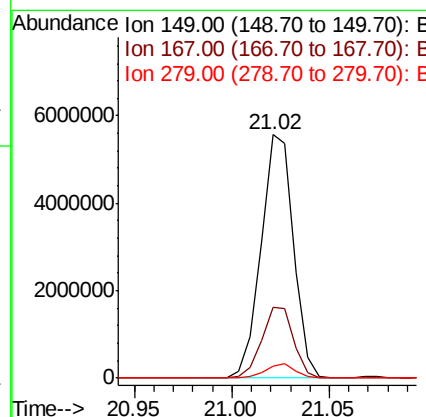
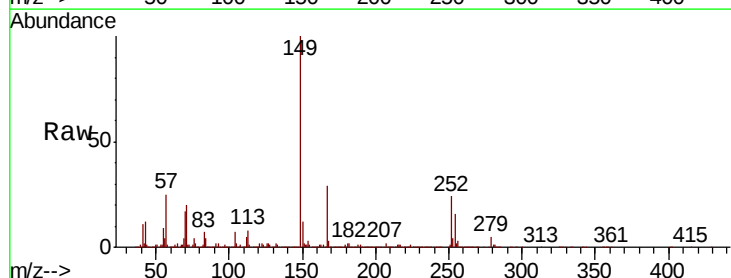
Manual Integrations
 APPROVED

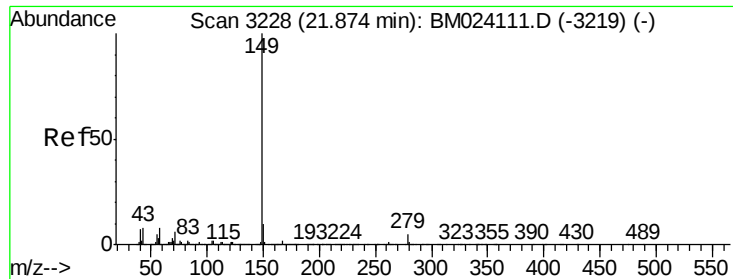
mohammad
 12/17/2019 3:20:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 72.609 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 6395903
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.1 33.1
 279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 75.710 ng

RT: 21.88 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp:10629002

Ion Ratio Lower Upper

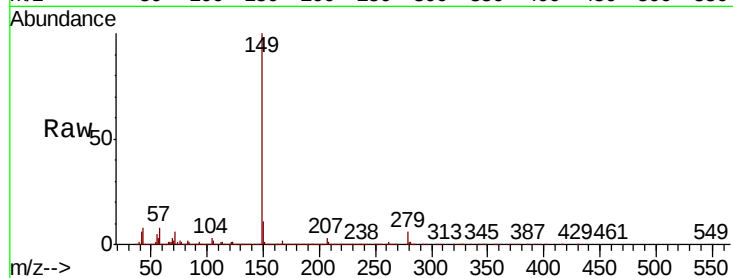
149 100

167 1.7 1.3 1.9

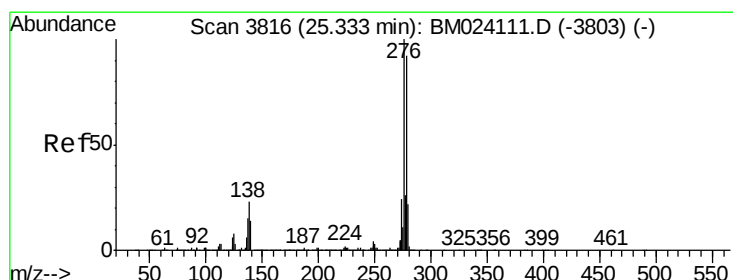
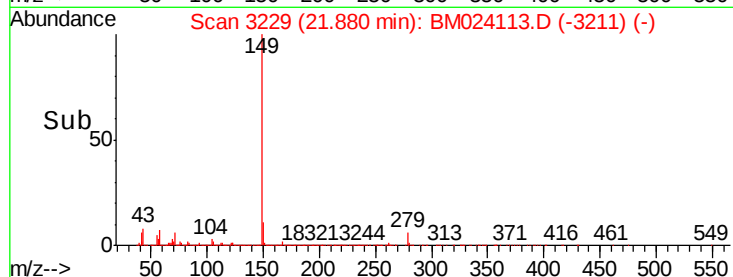
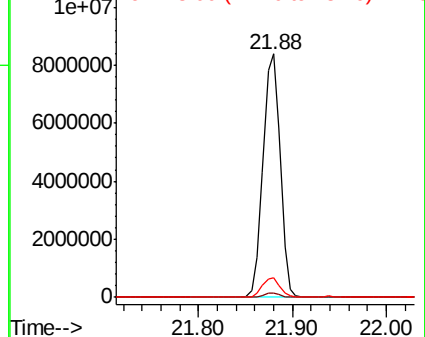
43 8.3 6.6 9.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.351 ng

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

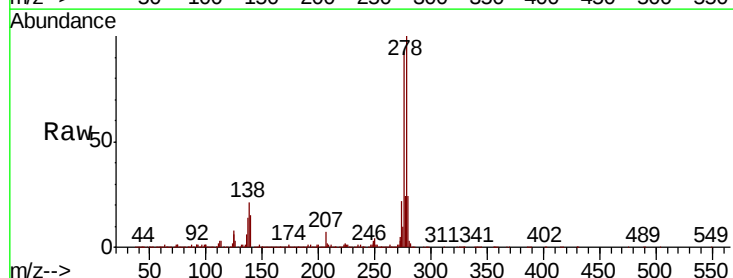
Tgt Ion:276 Resp:10982325

Ion Ratio Lower Upper

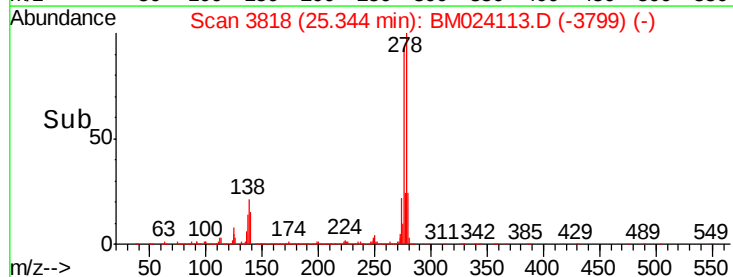
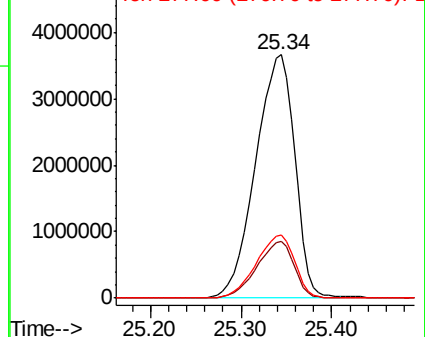
276 100

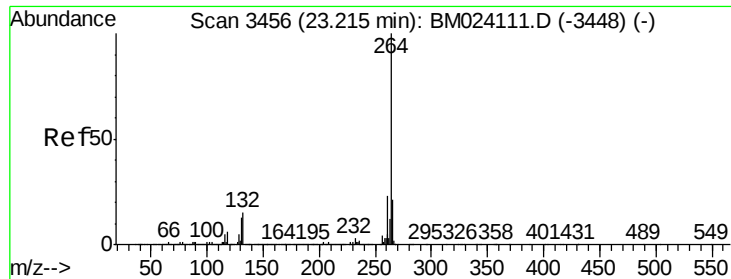
138 22.2 0.0 0.0#

277 25.5 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:264 Resp: 2729775

Ion Ratio Lower Upper

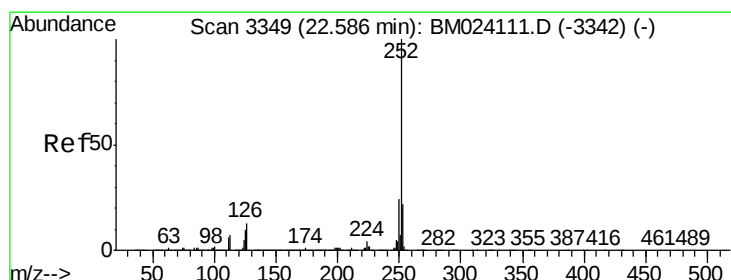
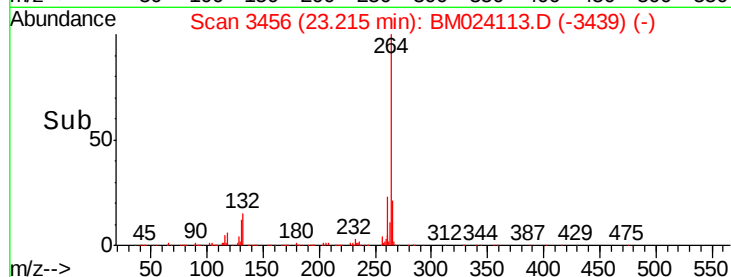
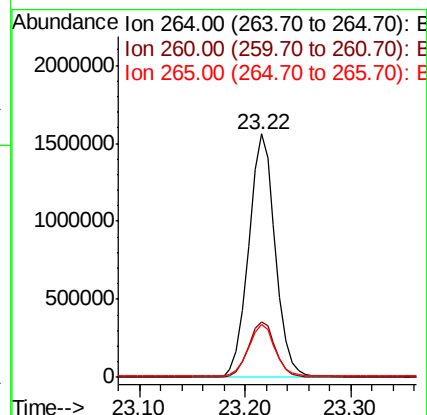
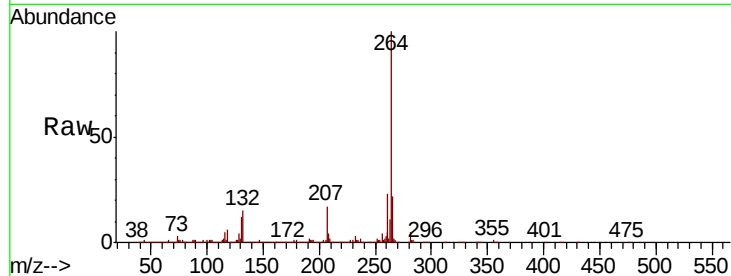
264 100

260 23.0 18.6 28.0

265 21.9 17.4 26.0

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



#88

Benzo(b)fluoranthene

Concen: 62.463 ng

RT: 22.59 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

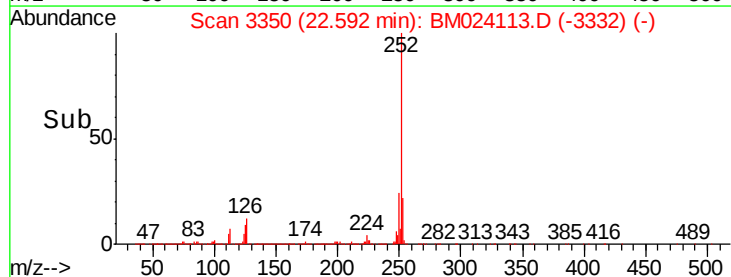
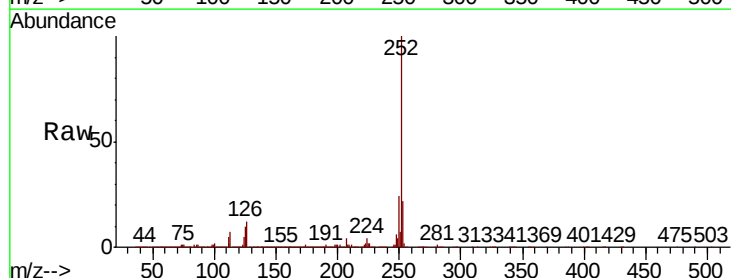
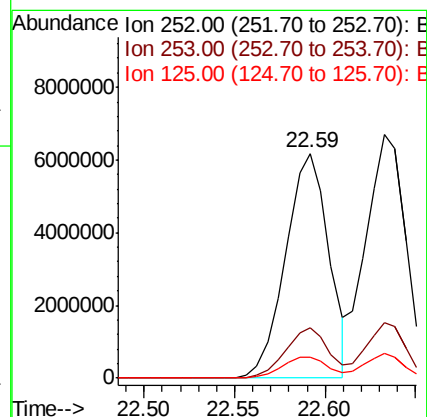
Tgt Ion:252 Resp:10323877

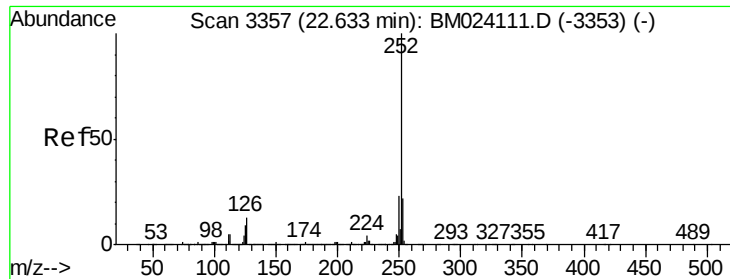
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.5 7.9 11.9





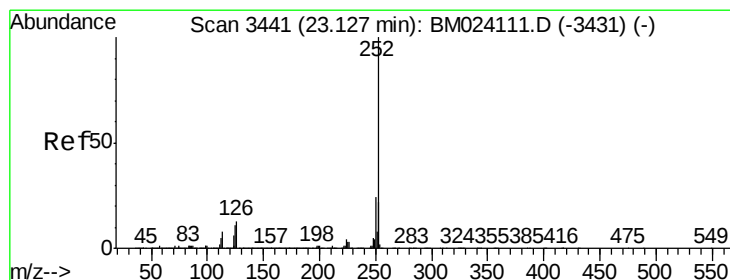
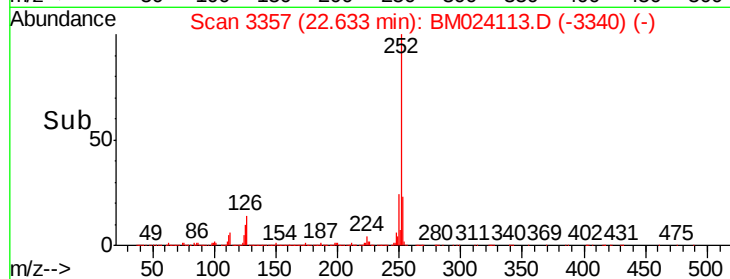
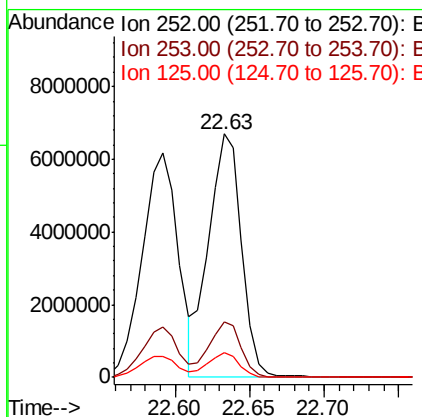
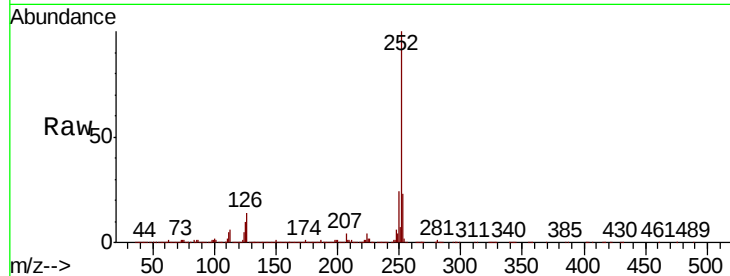
#89
Benzo(k)fluoranthene
Concen: 62.586 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp:10263778
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.0 7.3 10.9

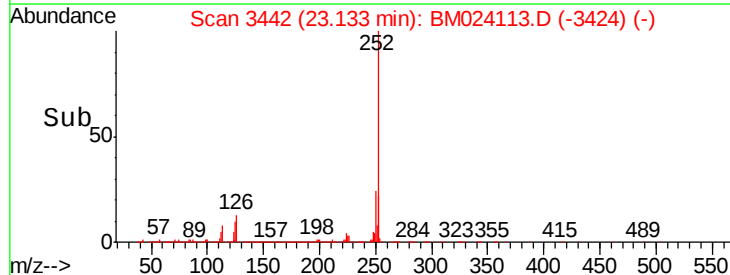
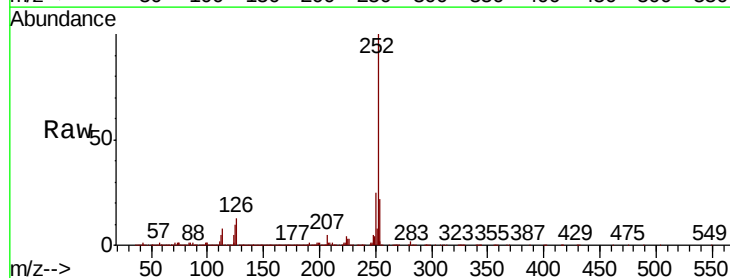
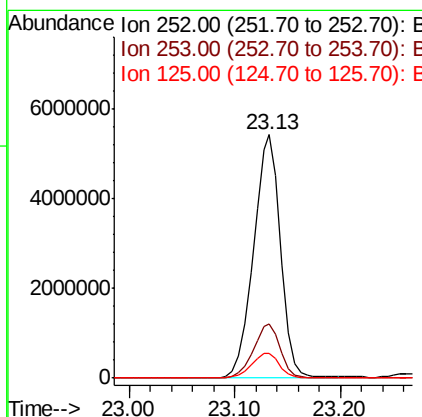
Manual Integrations
APPROVED

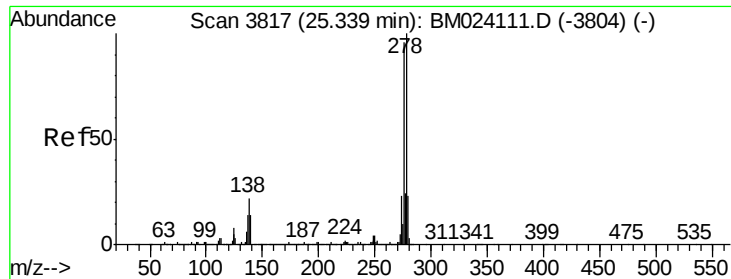
mohammad
12/17/2019 3:20:20 PM



#90
Benzo(a)pyrene
Concen: 63.129 ng
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:252 Resp: 9614467
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 8.5 12.7





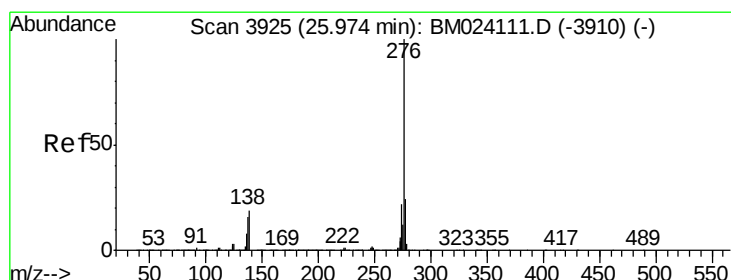
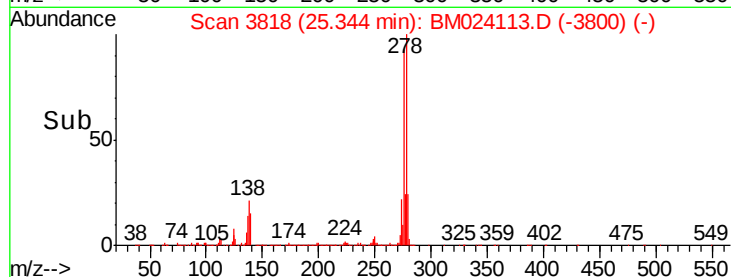
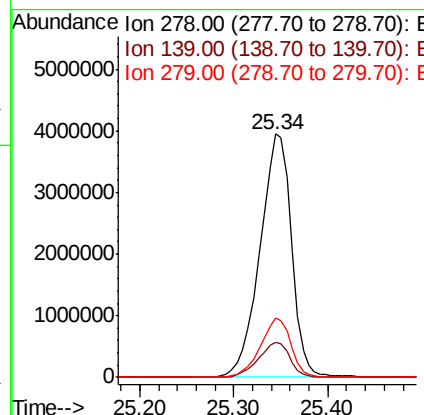
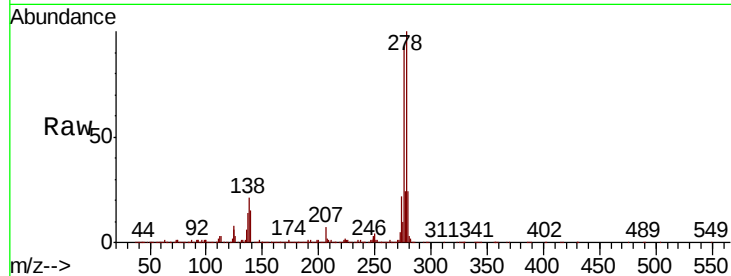
#91
Dibenzo(a,h)anthracene
Concen: 57.499 ng
RT: 25.34 min Scan# 3818
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:278 Resp: 9159848
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 24.1 18.8 28.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:20 PM



#92
Benzo(g,h,i)perylene
Concen: 55.487 ng
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:276 Resp: 8395730
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 19.2 15.4 23.0

