

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024114.D
 Acq On : 16 Dec 2019 18:33
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:23 PM

Quant Time: Dec 16 19:09:31 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	390642	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1627889	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1072076	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2328791	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2316640	20.00	ng	0.00
87) Perylene-d12	23.22	264	2527428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	3456200	140.32	ng	0.00
7) Phenol-d6	6.66	99	5338872	168.76	ng	0.01
23) Nitrobenzene-d5	8.62	82	5571949	190.00	ng	0.00
42) 2,4,6-Tribromophenol	15.63	330	2608409	194.90	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	12470016	160.17	ng	0.00
79) Terphenyl-d14	19.52	244	14995903	125.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	709660	71.602	ng	# 100
3) Pyridine	3.43	79	1999540	76.540	ng	98
4) n-Nitrosodimethylamine	3.35	42	697830	73.376	ng	93
6) Aniline	6.80	93	3355748	88.464	ng	100
8) 2-Chlorophenol	7.03	128	2034879	81.084	ng	99
9) Benzaldehyde	6.62	77	1019209	56.580	ng	98
10) Phenol	6.69	94	2777252	93.247	ng	99
11) bis(2-Chloroethyl)ether	6.90	93	2119886	90.593	ng	98
12) 1,3-Dichlorobenzene	7.35	146	2269438	75.662	ng	99
13) 1,4-Dichlorobenzene	7.49	146	2311087	76.109	ng	98
14) 1,2-Dichlorobenzene	7.80	146	2272792	78.509	ng	99
15) Benzyl Alcohol	7.71	79	2109168	106.547	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	2525112	74.286	ng	98
17) 2-Methylphenol	7.92	107	1870128	94.863	ng	98
18) Hexachloroethane	8.52	117	873621	78.442	ng	98
19) n-Nitroso-di-n-propylamine	8.28	70	1927106	109.085	ng	97
20) 3+4-Methylphenols	8.25	107	2582986	98.370	ng	99
22) Acetophenone	8.29	105	3558144	88.549	ng	99
24) Nitrobenzene	8.66	77	2709197	96.554	ng	98
25) Isophorone	9.19	82	5088289	105.524	ng	100
26) 2-Nitrophenol	9.36	139	1258934	103.932	ng	97
27) 2,4-Dimethylphenol	9.43	122	1767515	87.162	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	3160515	94.719	ng	98
29) 2,4-Dichlorophenol	9.89	162	2111182	92.084	ng	100
30) 1,2,4-Trichlorobenzene	10.10	180	2351549	83.366	ng	98
31) Naphthalene	10.27	128	6982935	86.815	ng	99
32) Benzoic acid	9.67	122	1711866m	131.162	ng	
33) 4-Chloroaniline	10.40	127	3177129	90.974	ng	98
34) Hexachlorobutadiene	10.56	225	1353923	80.520	ng	98
35) Caprolactam	11.25	113	805543m	118.516	ng	
36) 4-Chloro-3-methylphenol	11.55	107	2494625	111.525	ng	98
37) 2-Methylnaphthalene	11.90	142	5200738	92.889	ng	99
38) 1-Methylnaphthalene	12.13	142	4945321	93.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	2631114	72.430	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024114.D
 Acq On : 16 Dec 2019 18:33
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:23 PM

Quant Time: Dec 16 19:09:31 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	1091093	55.050	nq	99
43) 2,4,6-Trichlorophenol	12.54	196	1783222	85.052	nq	100
44) 2,4,5-Trichlorophenol	12.62	196	1832621	83.879	nq	97
46) 1,1'-Biphenyl	12.95	154	6918068	77.969	nq	99
47) 2-Chloronaphthalene	12.98	162	5482588	82.902	nq	100
48) 2-Nitroaniline	13.20	65	1891030	109.811	nq	97
49) Acenaphthylene	13.84	152	8536055	87.162	nq	100
50) Dimethylphthalate	13.60	163	7001354	90.368	nq	100
51) 2,6-Dinitrotoluene	13.72	165	1566534	96.664	nq	91
52) Acenaphthene	14.19	154	5215797	81.407	nq	99
53) 3-Nitroaniline	14.05	138	1781550	95.491	nq	95
54) 2,4-Dinitrophenol	14.27	184	965228	126.144	nq	97
55) Dibenzofuran	14.53	168	8196051	87.624	nq	99
56) 4-Nitrophenol	14.38	139	1335971	93.164	nq	98
57) 2,4-Dinitrotoluene	14.52	165	2237513	105.390	nq	97
58) Fluorene	15.18	166	6855217	90.189	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1654439	86.827	nq	99
60) Diethylphthalate	14.97	149	7113726	94.430	nq	99
61) 4-Chlorophenyl-phenylether	15.18	204	3435255	87.960	nq	99
62) 4-Nitroaniline	15.23	138	1767818	90.380	nq	99
63) Azobenzene	15.47	77	6852790	100.731	nq	99
65) 4,6-Dinitro-2-methylphenol	15.29	198	1213434	111.260	nq	99
66) n-Nitrosodiphenylamine	15.40	169	5926095	83.297	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	2280679	88.051	nq	98
68) Hexachlorobenzene	16.19	284	2735569	90.563	nq	99
69) Atrazine	16.36	200	901791	38.992	nq	98
70) Pentachlorophenol	16.54	266	1321204	82.016	nq	100
71) Phenanthrene	16.92	178	10749837	81.808	nq	99
72) Anthracene	17.01	178	10511957	82.543	nq	99
73) Carbazole	17.29	167	9935729	83.841	nq	99
74) Di-n-butylphthalate	17.86	149	11444552	85.169	nq	96
75) Fluoranthene	18.94	202	12149528	81.937	nq	95
77) Benzidine	19.14	184	2779002	43.727	nq	99
78) Pyrene	19.31	202	12261264	80.762	nq	95
80) Butylbenzylphthalate	20.24	149	5970221	103.471	nq	95
81) Benzo(a)anthracene	21.07	228	11882292	79.139	nq	91
82) 3,3'-Dichlorobenzidine	21.02	252	4391114	82.468	nq	98
83) Chrysene	21.13	228	11238649m	77.209	nq	
84) Bis(2-ethylhexyl)phthalate	21.03	149	8352304	97.696	nq	# 96
85) Di-n-octyl phthalate	21.87	149	12157047	89.222	nq	98
86) Indeno(1,2,3-cd)pyrene	25.35	276	13173732	75.826	nq	# 100
88) Benzo(b)fluoranthene	22.60	252	13427907	87.748	nq	99
89) Benzo(k)fluoranthene	22.64	252	12391412	81.609	nq	97
90) Benzo(a)pyrene	23.13	252	11986667	85.006	nq	99
91) Dibenzo(a,h)anthracene	25.35	278	11004062	74.606	nq	99
92) Benzo(g,h,i)perylene	25.99	276	10040882	71.673	nq	100

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

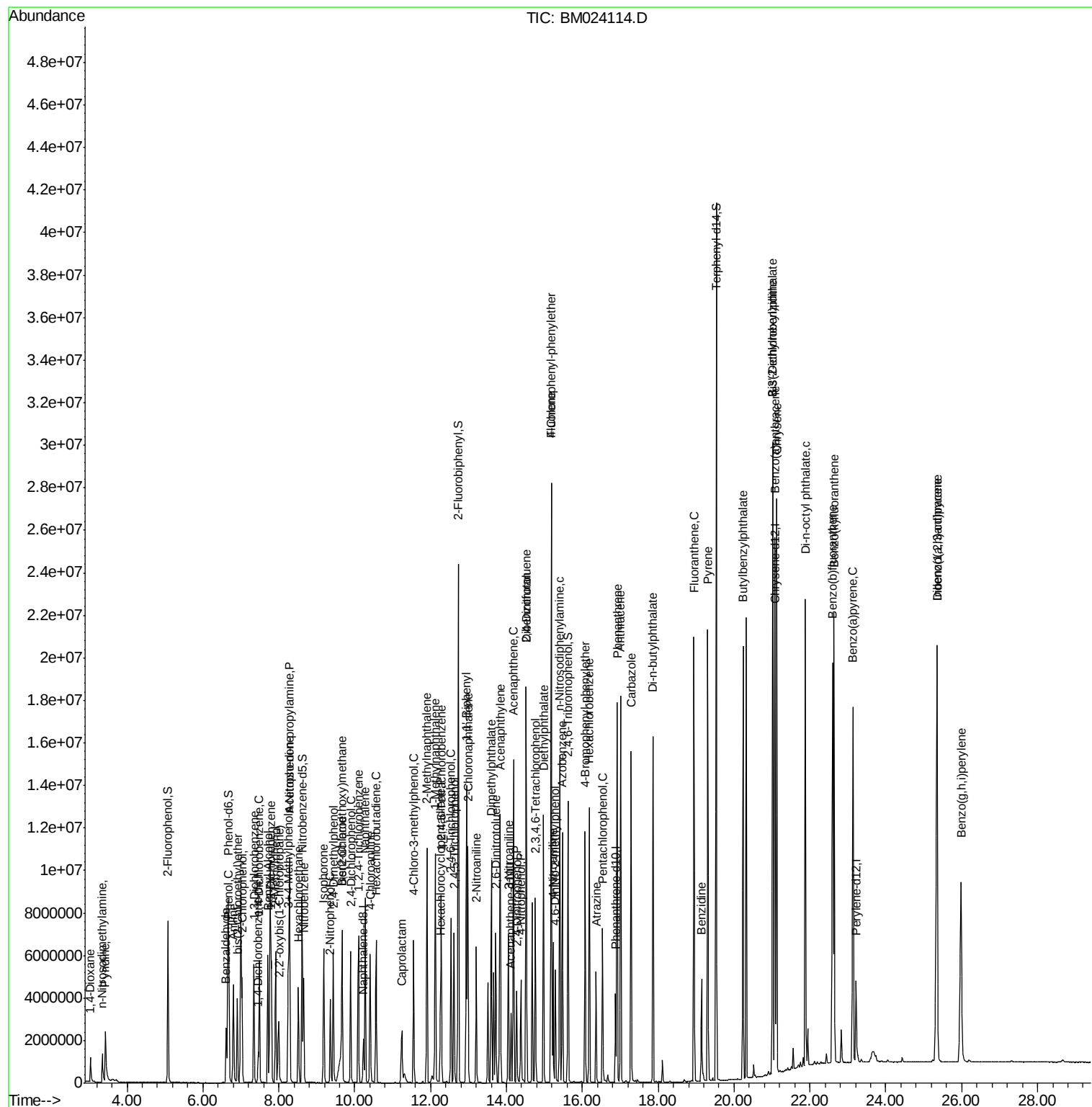
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024114.D
Acq On : 16 Dec 2019 18:33
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

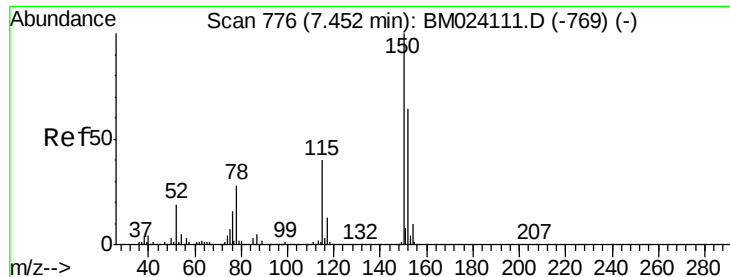
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

Quant Time: Dec 16 19:09:31 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

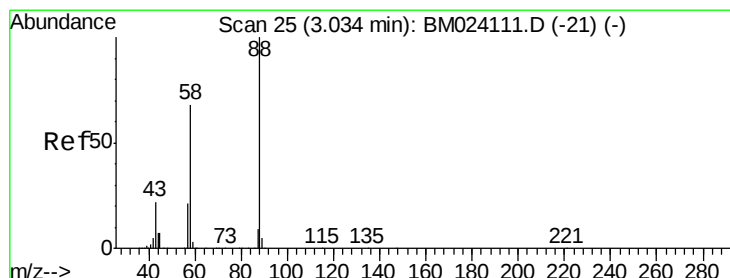
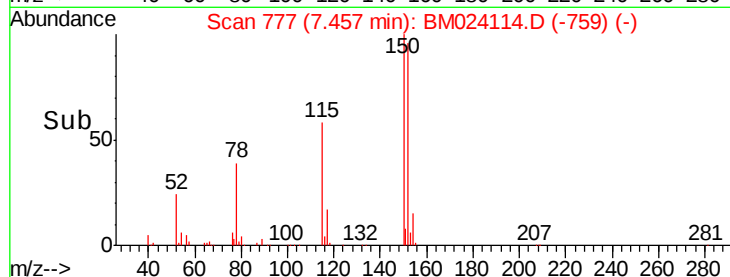
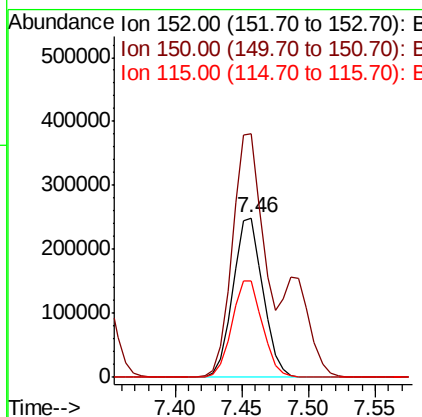
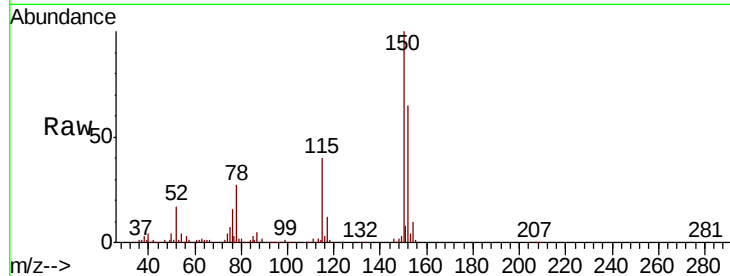
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.0	187.6
115	60.7	49.8	74.6

Manual Integrations
APPROVED

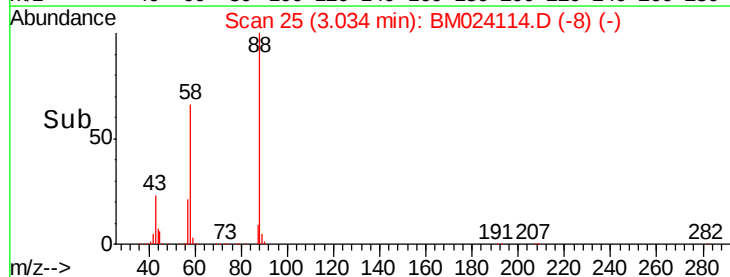
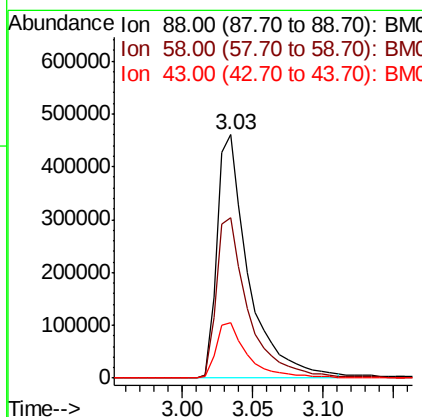
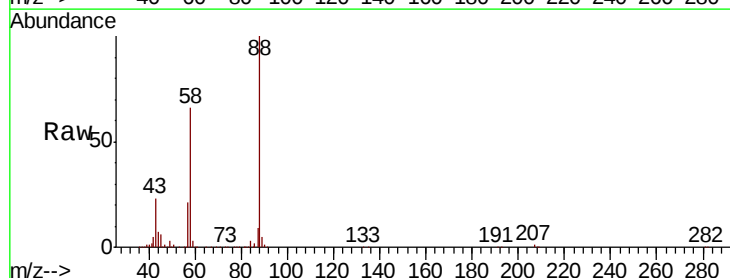
mohammad
12/17/2019 3:20:23 PM

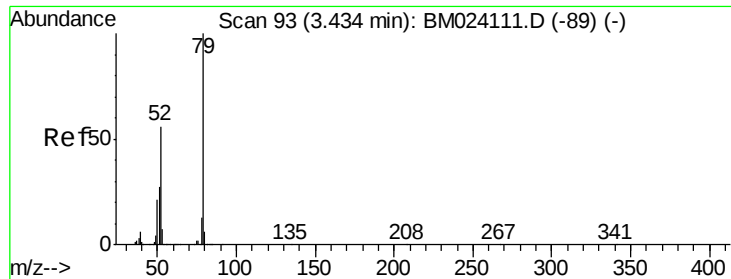


#2

1,4-Dioxane
Concen: 71.602 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	0.0	0.0#
43	22.8	0.0	0.0#





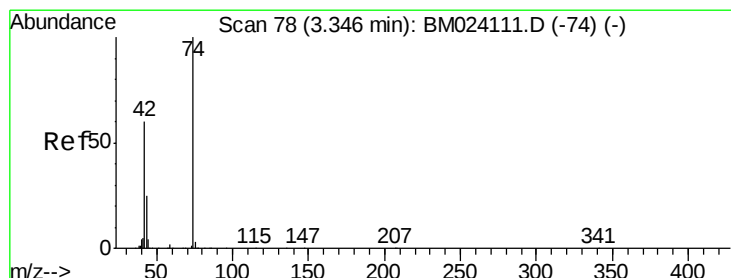
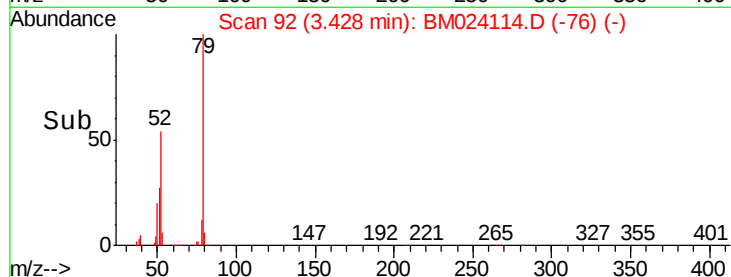
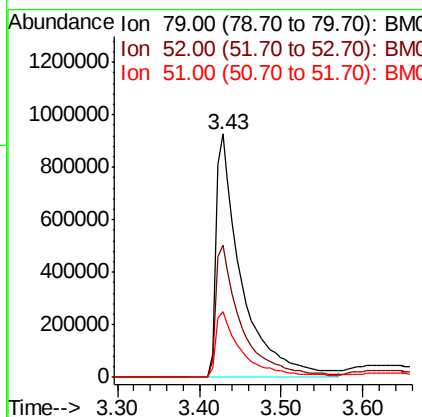
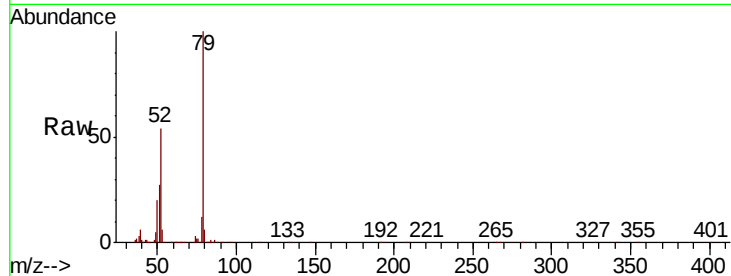
#3
 Pvridine
 Concen: 76.540 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion: 79 Resp: 1999540
 Ion Ratio Lower Upper
 79 100
 52 54.4 44.5 66.7
 51 27.1 22.6 33.8

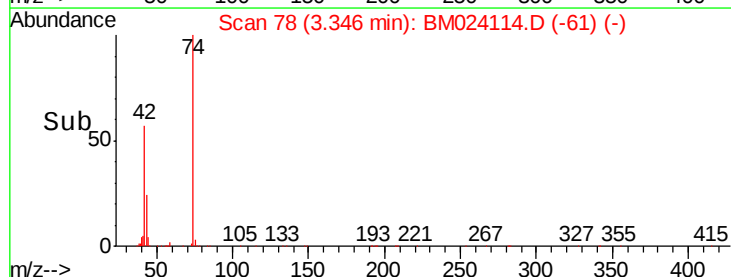
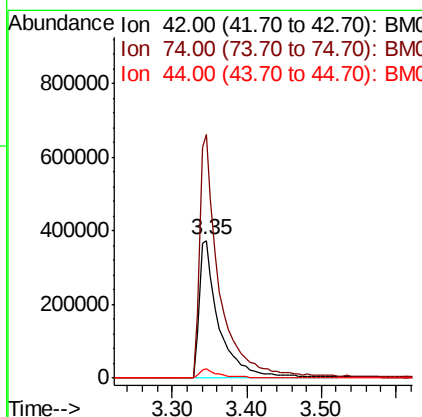
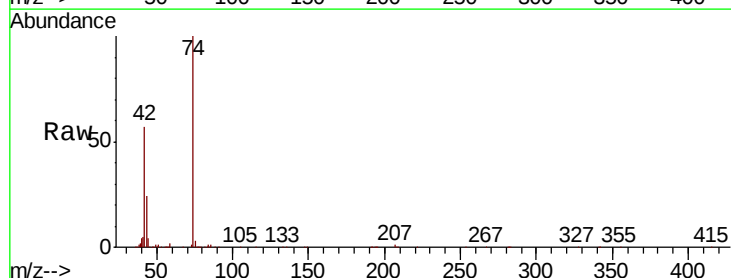
Manual Integrations
 APPROVED

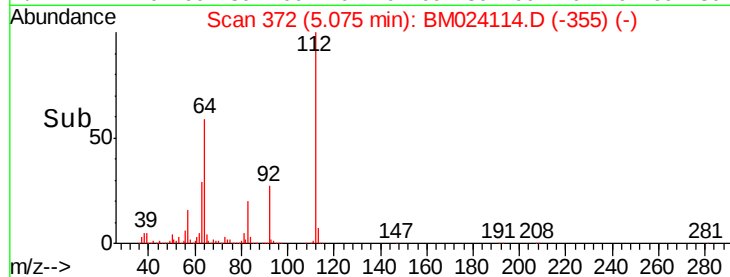
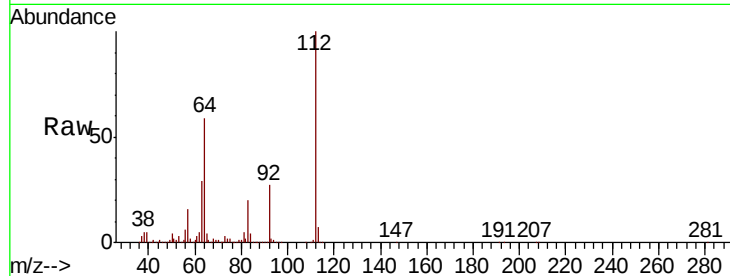
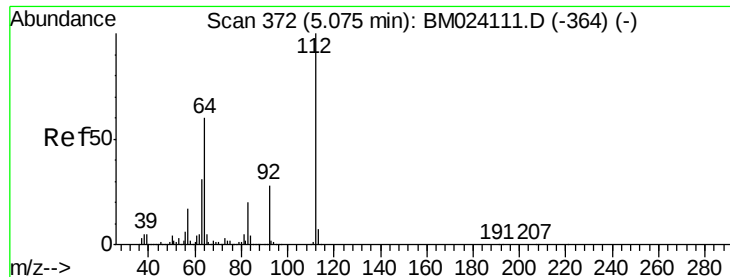
mohammad
 12/17/2019 3:20:23 PM



#4
 n-Nitrosodimethylamine
 Concen: 73.376 ng
 RT: 3.35 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion: 42 Resp: 697830
 Ion Ratio Lower Upper
 42 100
 74 176.4 133.6 200.4
 44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 140.318 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tot Ion:	112	Resp:	3456200
Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.4	72.6
63	29.0	24.4	36.6

Instrument :

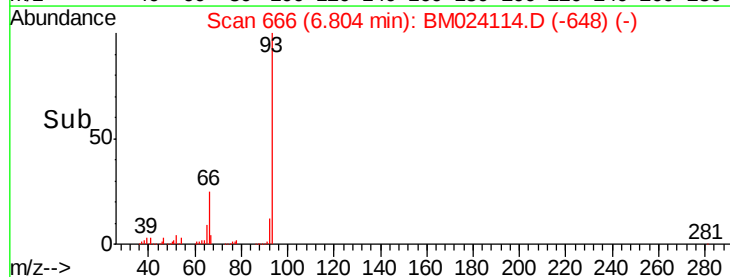
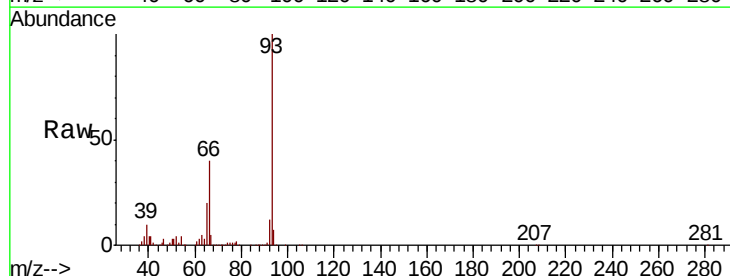
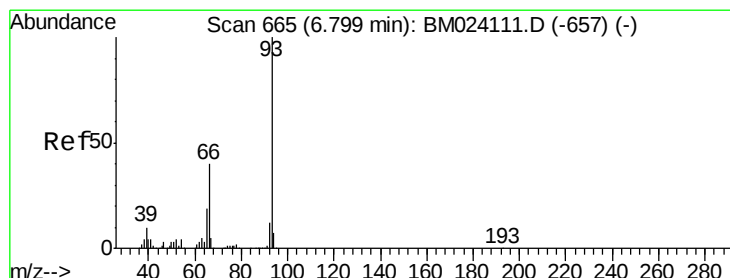
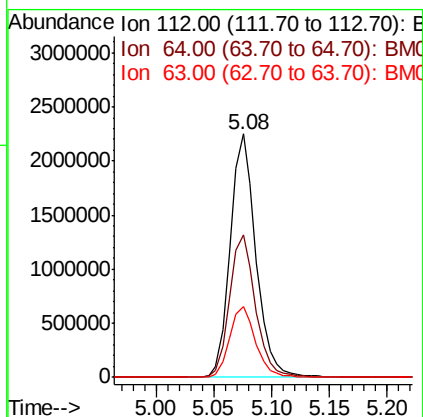
BNA_M

ClientSampleId :

SSTDIC080

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM



#6

Aniline

Concen: 88.464 ng

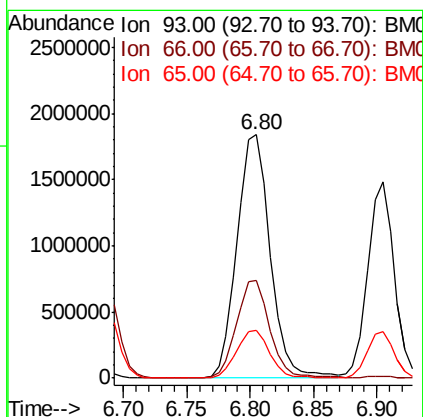
RT: 6.80 min Scan# 666

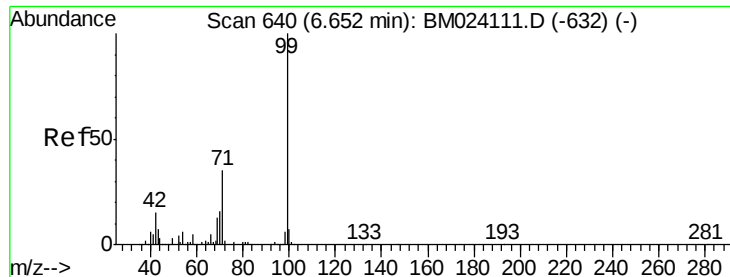
Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:	93	Resp:	3355748
Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.0	48.0
65	19.5	15.4	23.0





#7

Phenol-d6

Concen: 168.760 ng

RT: 6.66 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 5338872

Ion Ratio Lower Upper

99 100

42 14.2 11.9 17.9

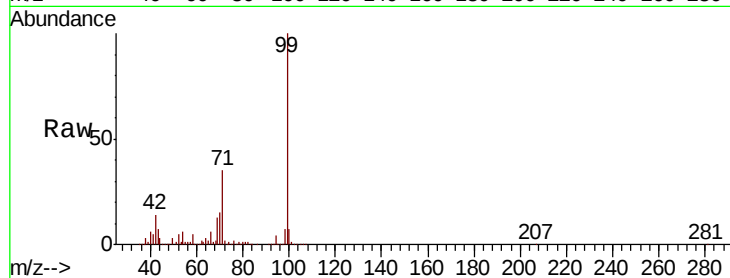
71 34.7 28.0 42.0

Manual Integrations

APPROVED

mohammad

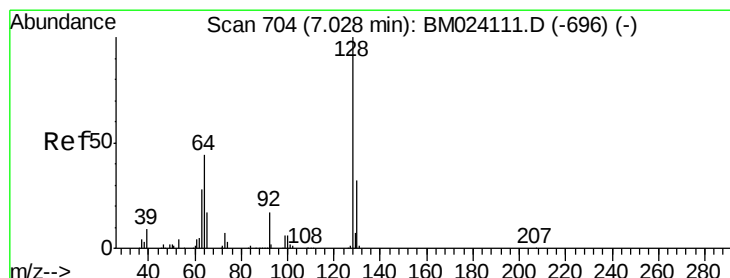
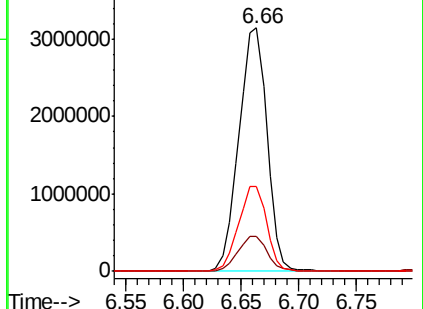
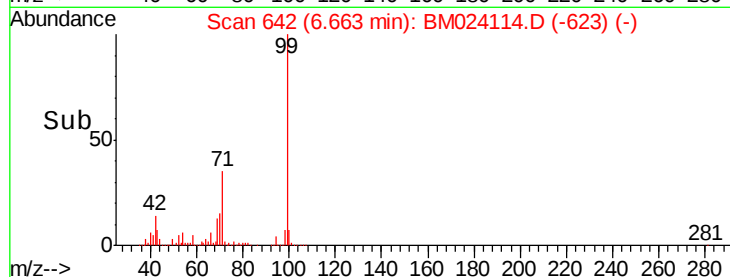
12/17/2019 3:20:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BM024114.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024114.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024114.D (-632) (-)



#8

2-Chlorophenol

Concen: 81.084 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

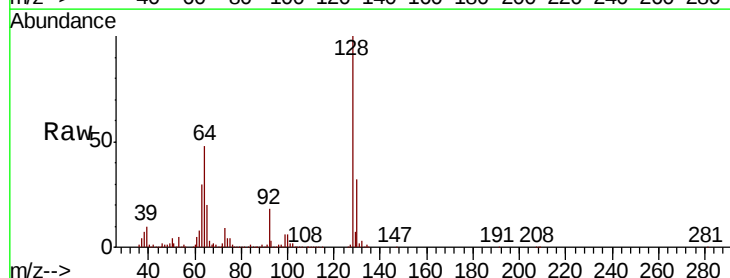
Tgt Ion:128 Resp: 2034879

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

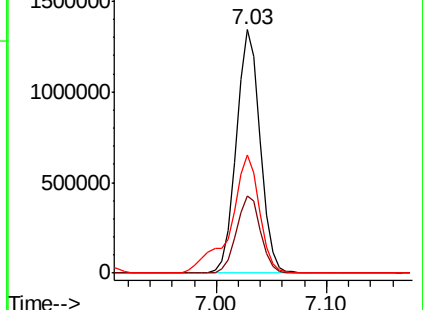
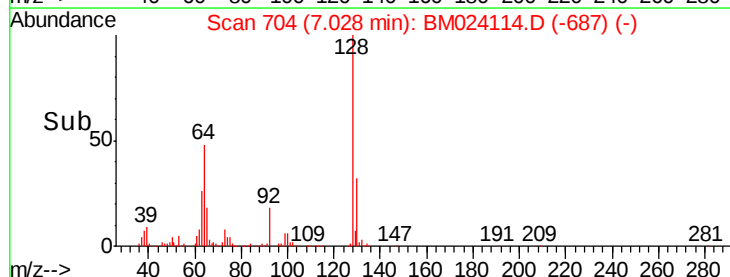
64 48.4 28.9 68.9

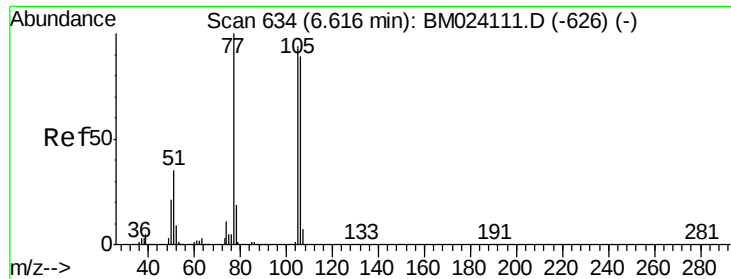


Abundance Ion 128.00 (127.70 to 128.70): BM024114.D (-687) (-)

Ion 130.00 (129.70 to 130.70): BM024114.D (-687) (-)

Ion 64.00 (63.70 to 64.70): BM024114.D (-687) (-)





#9

Benzaldehyde

Concen: 56.580 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 1019209

Ion Ratio Lower Upper

77 100

105 92.2 73.9 113.9

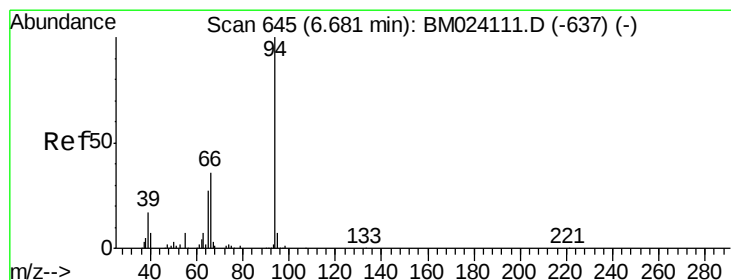
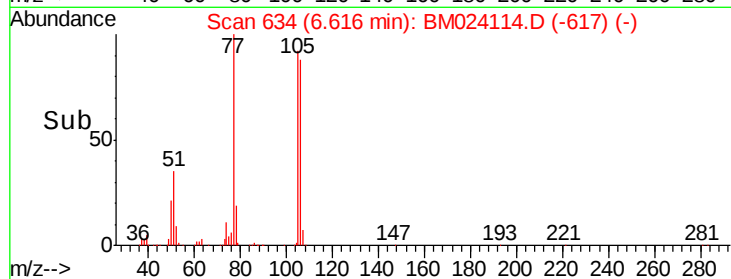
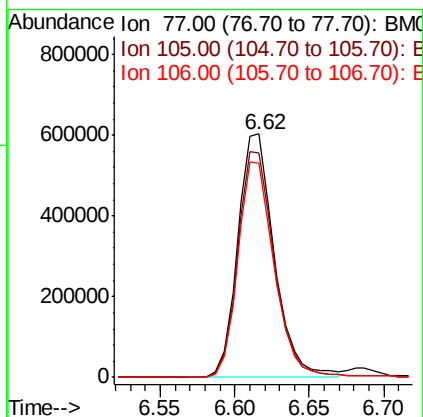
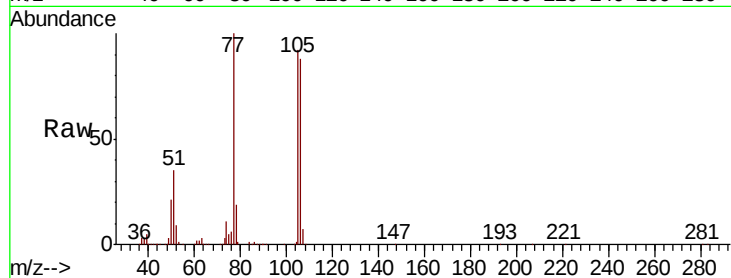
106 88.1 69.3 109.3

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:23 PM



#10

Phenol

Concen: 93.247 ng

RT: 6.69 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

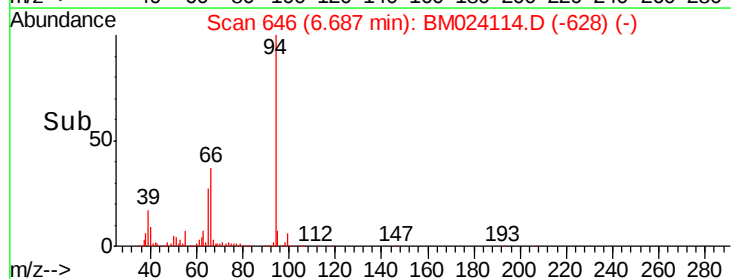
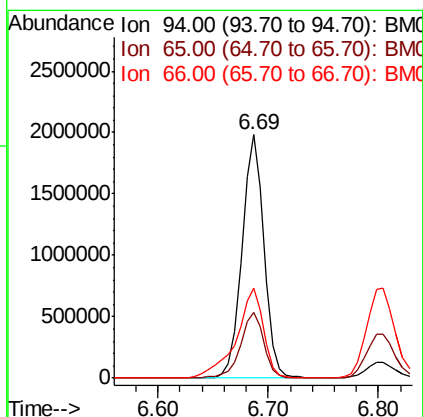
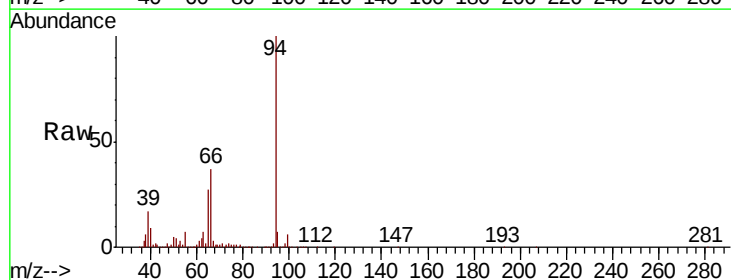
Tgt Ion: 94 Resp: 2777252

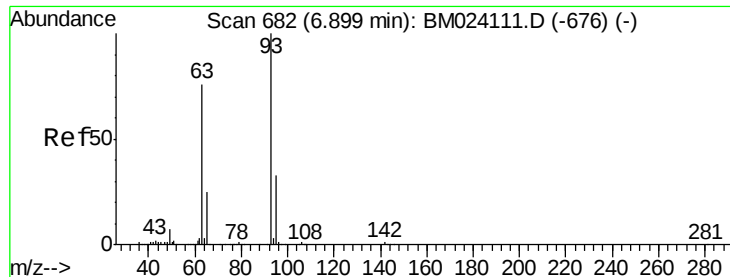
Ion Ratio Lower Upper

94 100

65 26.7 7.3 47.3

66 36.9 17.3 57.3





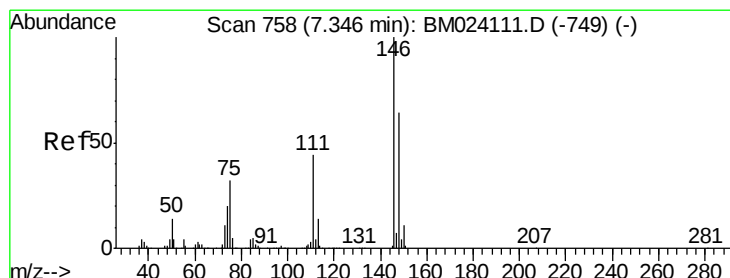
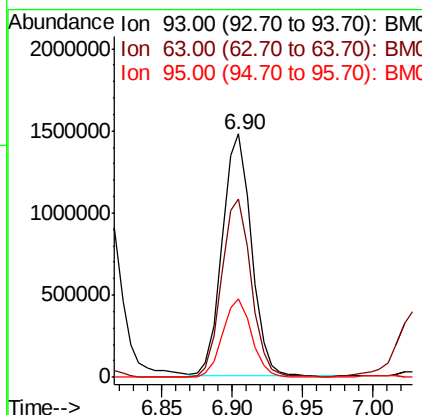
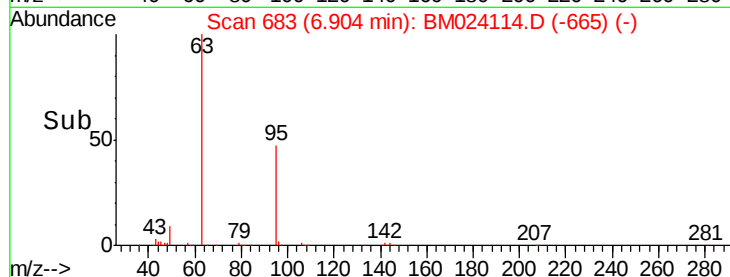
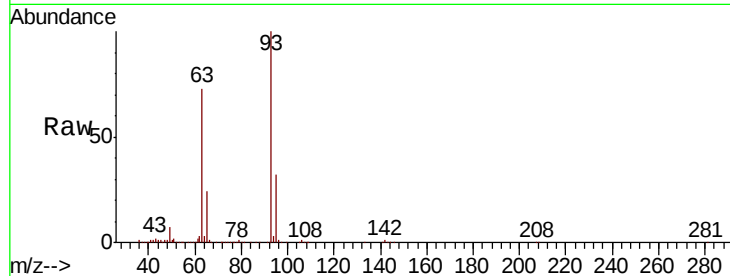
#11
bis(2-Chloroethyl)ether
Concen: 90.593 ng
RT: 6.90 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	55.0	95.0
95	32.2	12.4	52.4

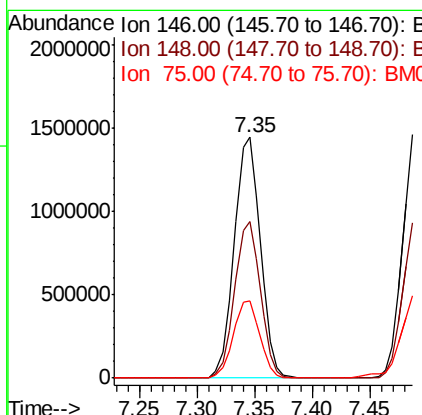
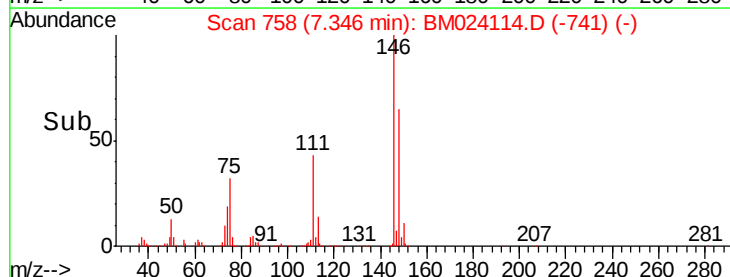
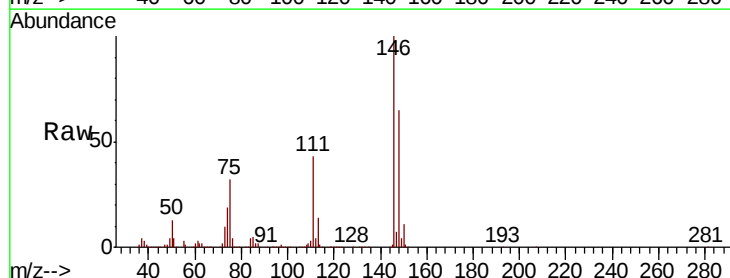
Manual Integrations
APPROVED

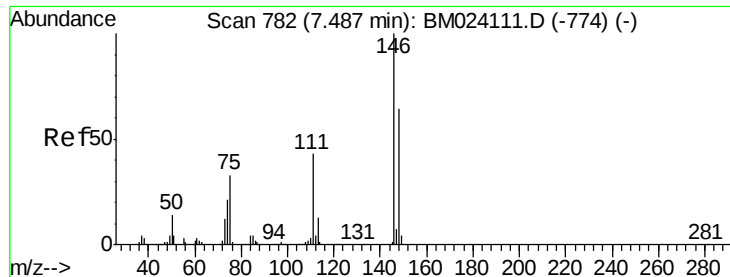
mohammad
12/17/2019 3:20:23 PM



#12
1,3-Dichlorobenzene
Concen: 75.662 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	31.9	25.5	38.3





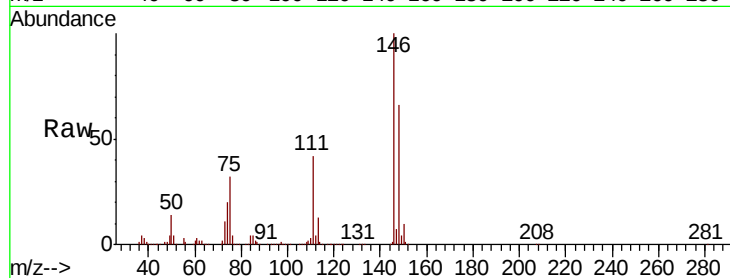
#13
1,4-Dichlorobenzene
Concen: 76.109 ng
RT: 7.49 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.4
111	41.9	34.2	51.4

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

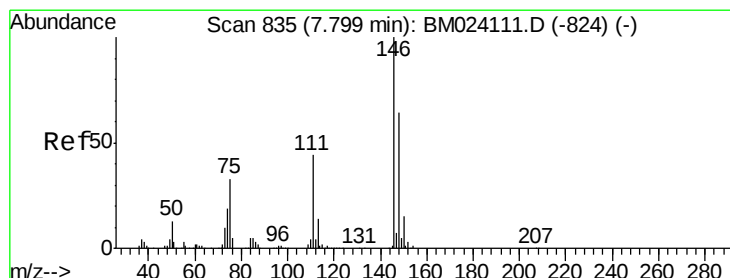
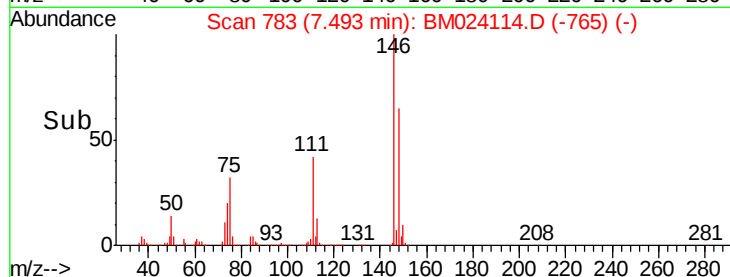
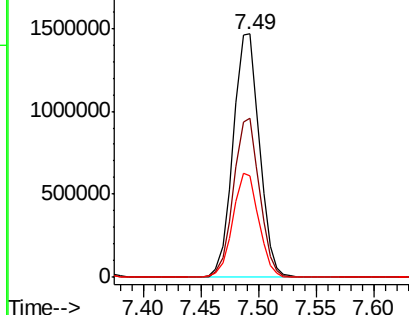


Abundance

Ion 146.00 (145.70 to 146.70): E

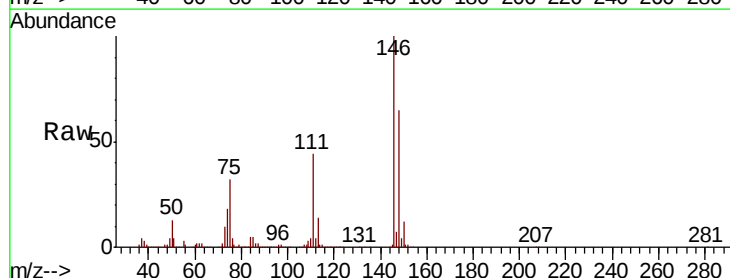
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 78.509 ng
RT: 7.80 min Scan# 836
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	43.9	34.8	52.2

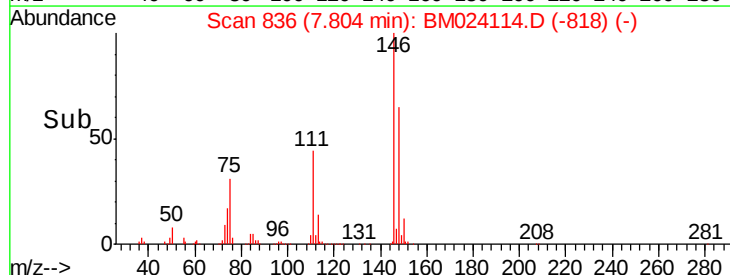
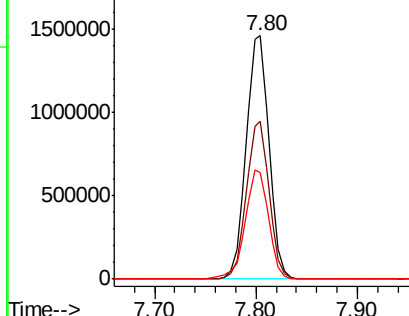


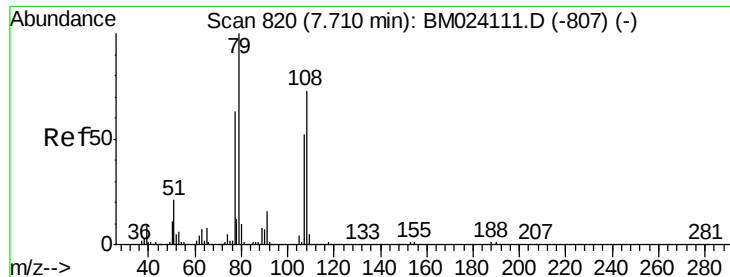
Abundance

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: 106.547 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 2109168

Ion Ratio Lower Upper

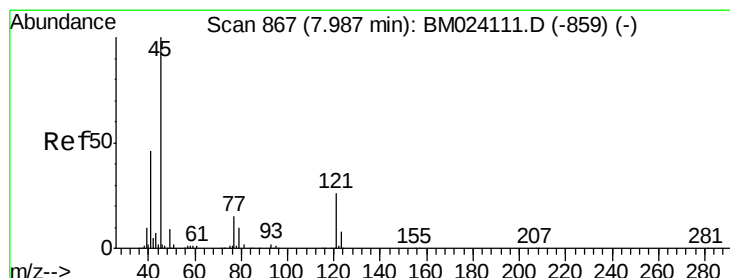
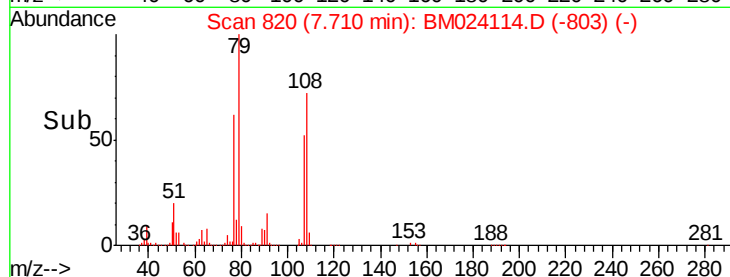
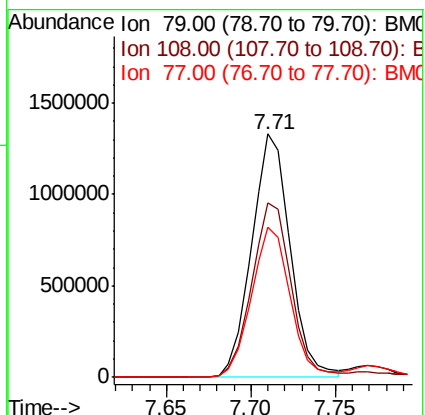
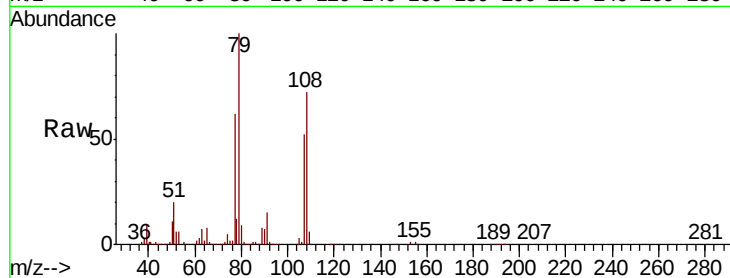
79 100

108 71.9 58.7 88.1

77 61.6 50.7 76.1

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.286 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

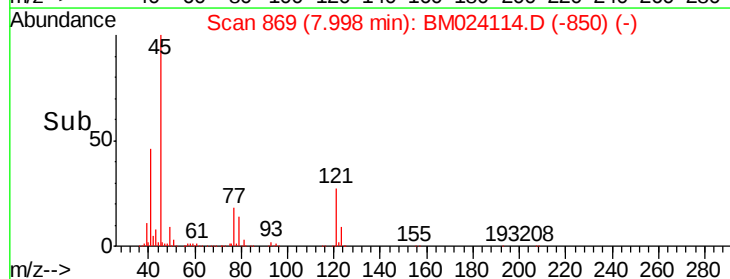
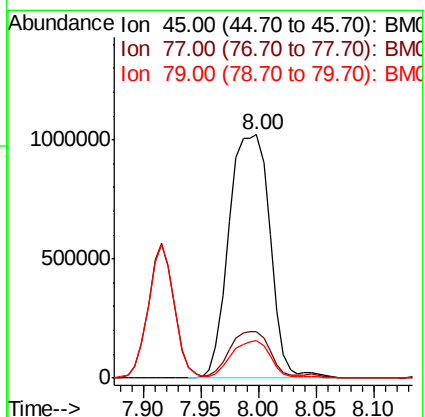
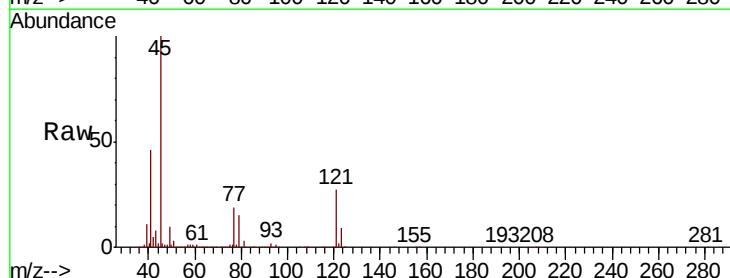
Tgt Ion: 45 Resp: 2525112

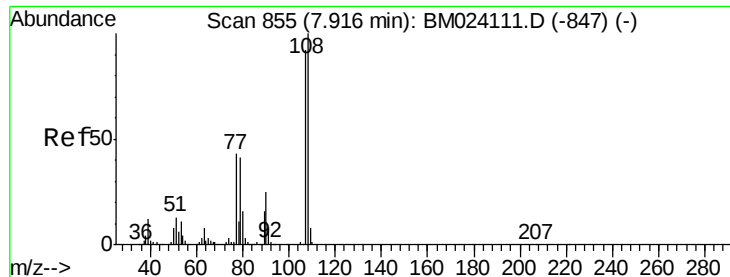
Ion Ratio Lower Upper

45 100

77 19.0 0.0 38.7

79 15.2 0.0 33.8





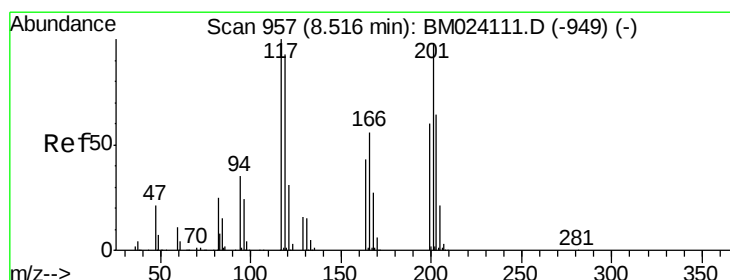
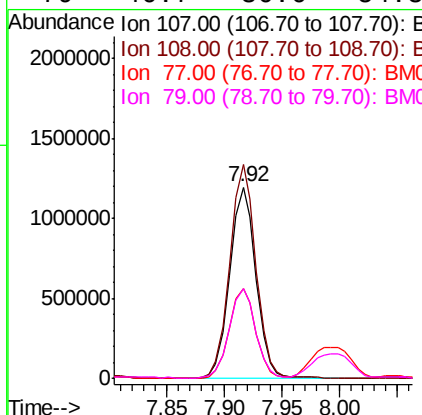
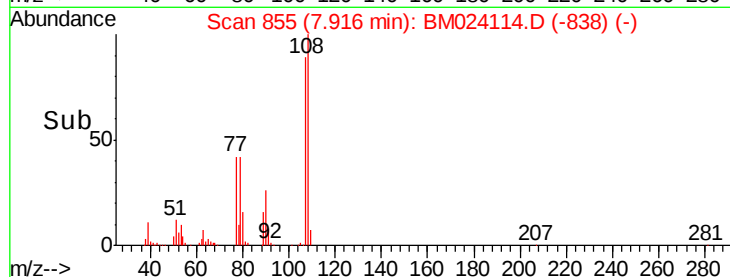
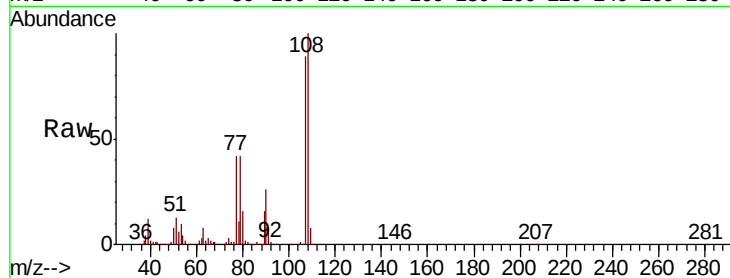
#17
2-Methylphenol
Concen: 94.863 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.5	131.3
77	47.1	37.6	56.4
79	46.7	36.6	54.8

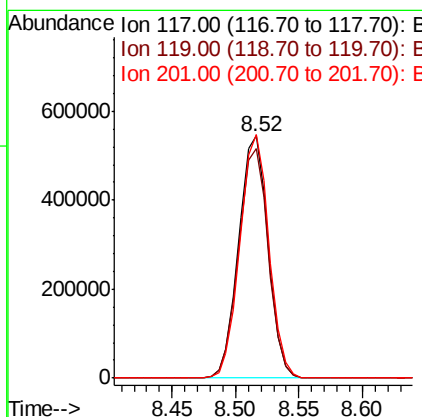
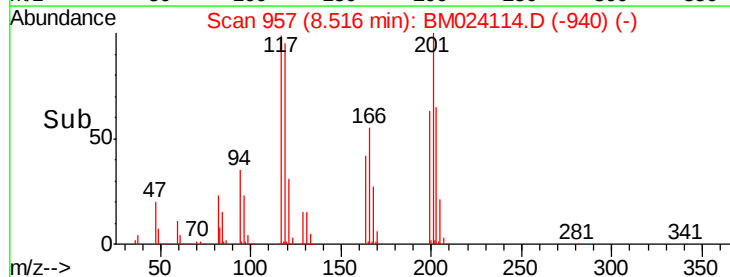
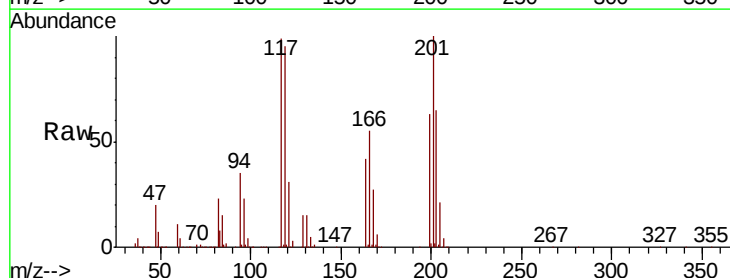
Manual Integrations
APPROVED

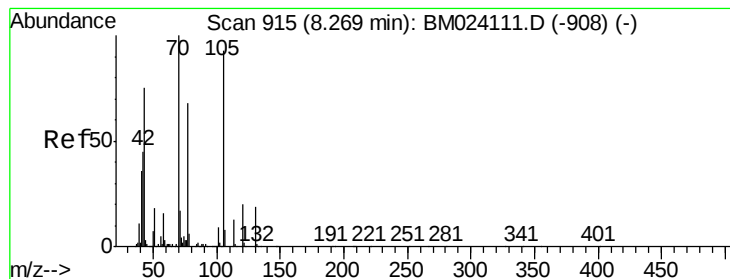
mohammad
12/17/2019 3:20:23 PM



#18
Hexachloroethane
Concen: 78.442 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.7	112.1
201	100.6	78.2	117.2





#19

n-Nitroso-di-n-propylamine

Concen: 109.085 ng

RT: 8.28 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 1927106

Ion Ratio Lower Upper

70 100

42 43.9 36.3 54.5

101 9.7 7.5 11.3

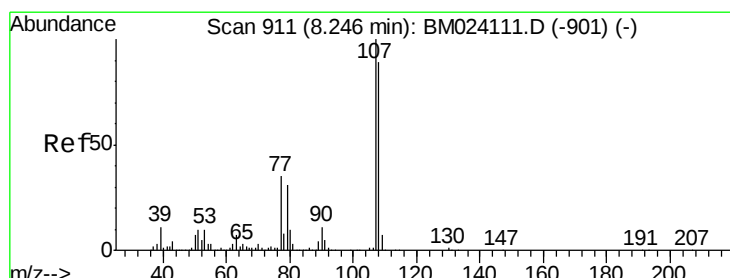
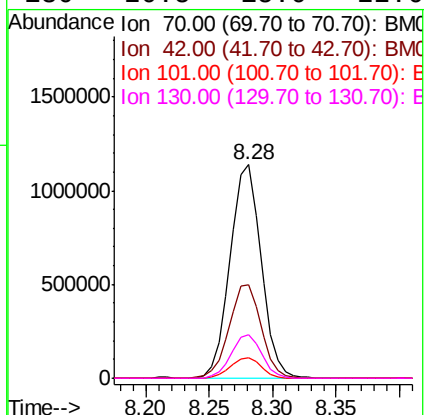
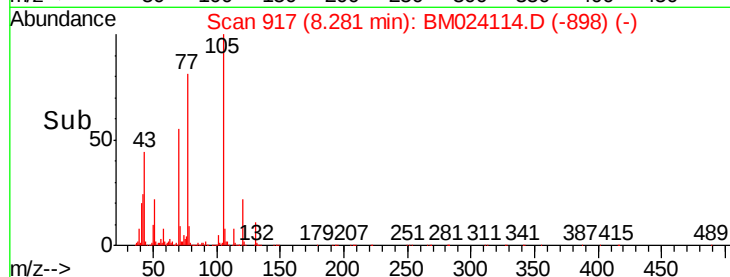
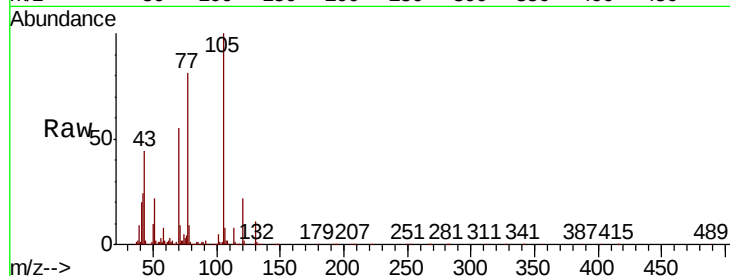
130 20.5 15.0 22.6

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:23 PM



#20

3+4-Methylphenols

Concen: 98.370 ng

RT: 8.25 min Scan# 912

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion: 107 Resp: 2582986

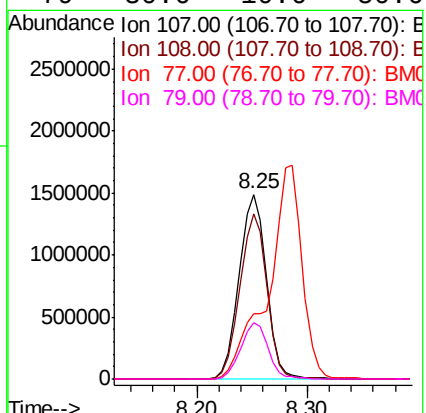
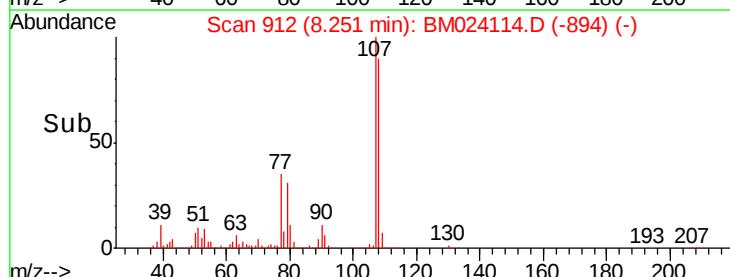
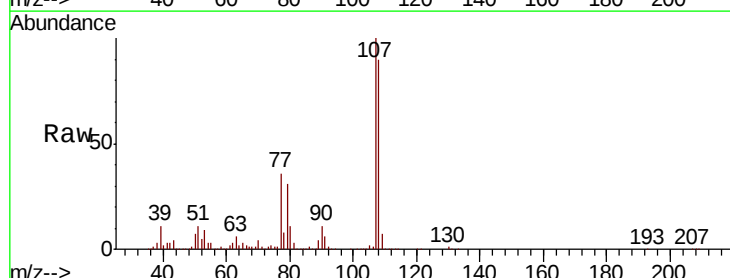
Ion Ratio Lower Upper

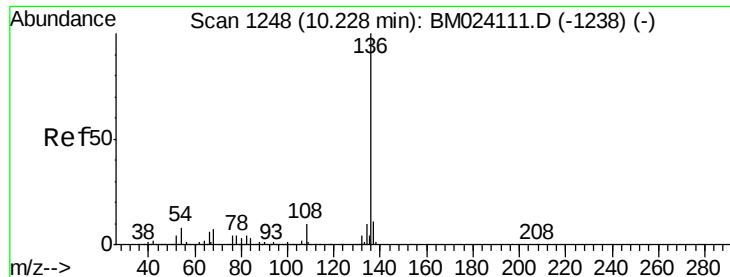
107 100

108 89.8 68.9 108.9

77 35.7 15.1 55.1

79 30.6 10.6 50.6





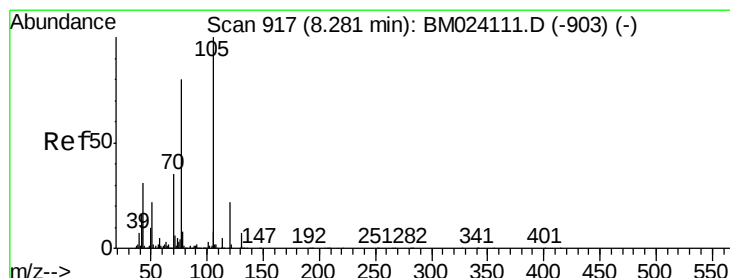
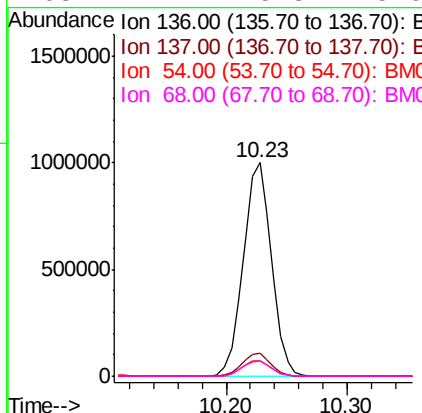
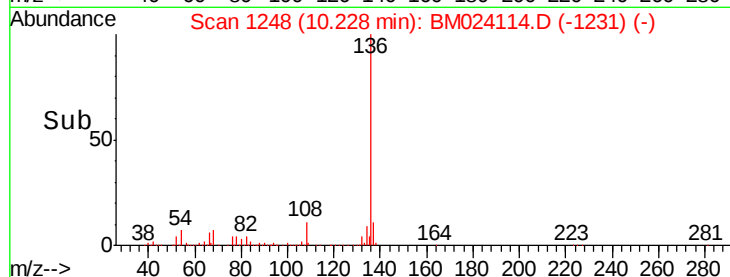
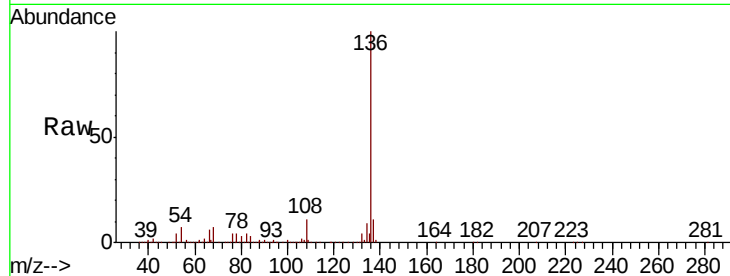
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	7.2	6.0	9.0	
68	7.2	5.8	8.6	

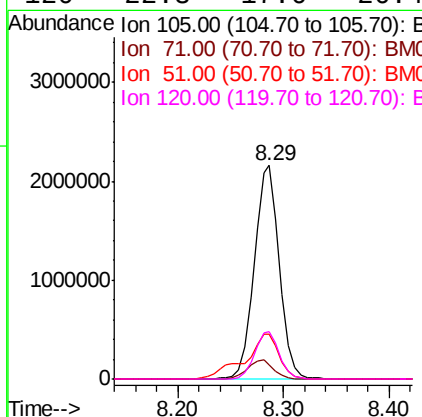
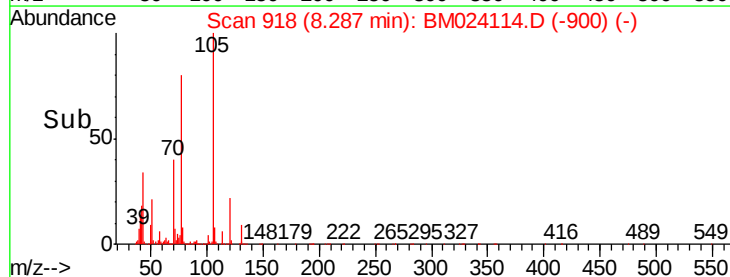
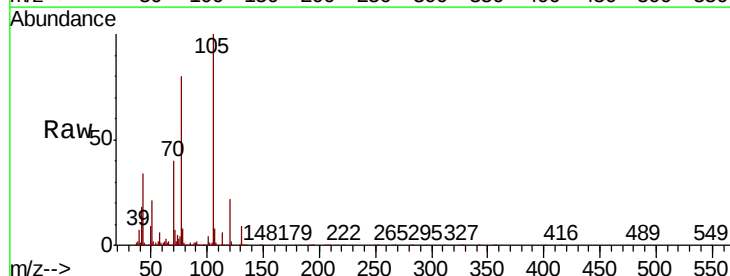
Manual Integrations
APPROVED

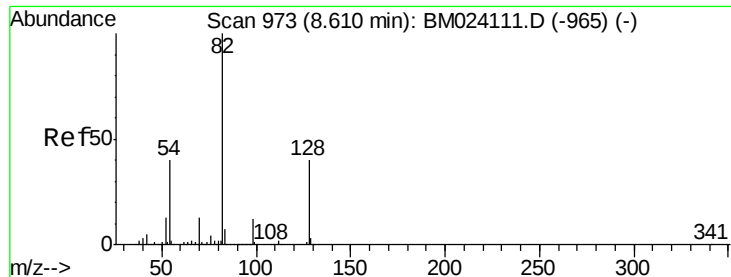
mohammad
12/17/2019 3:20:23 PM



#22
Acetophenone
Concen: 88.549 ng
RT: 8.29 min Scan# 918
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	6.8	4.6	6.8	
51	21.2	17.4	26.2	
120	22.3	17.6	26.4	





#23

Nitrobenzene-d5

Concen: 190.000 ng

RT: 8.62 min Scan# 974

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 5571949

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.8

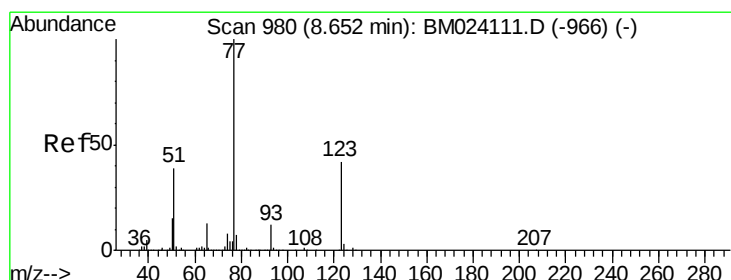
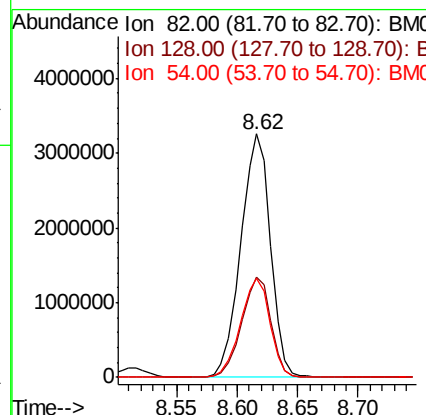
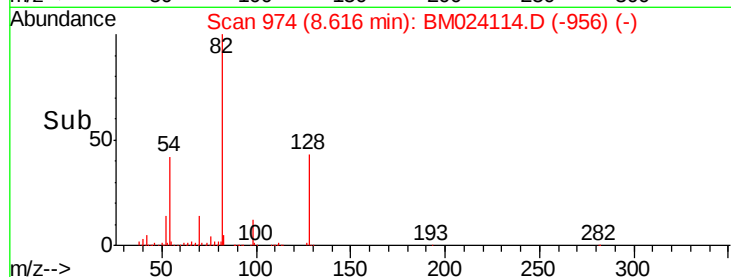
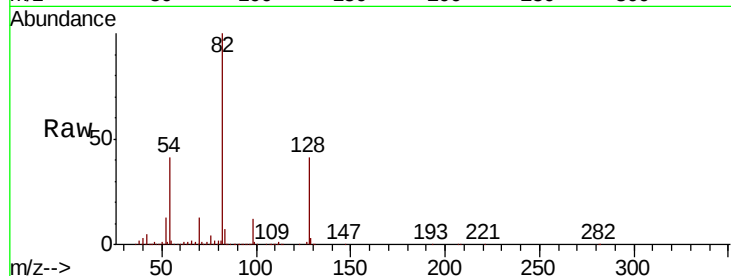
54 40.5 32.2 48.2

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:23 PM



#24

Nitrobenzene

Concen: 96.554 ng

RT: 8.66 min Scan# 981

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

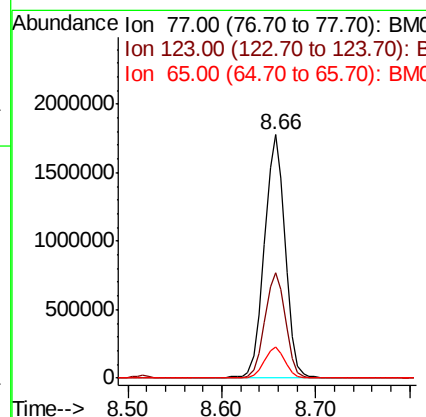
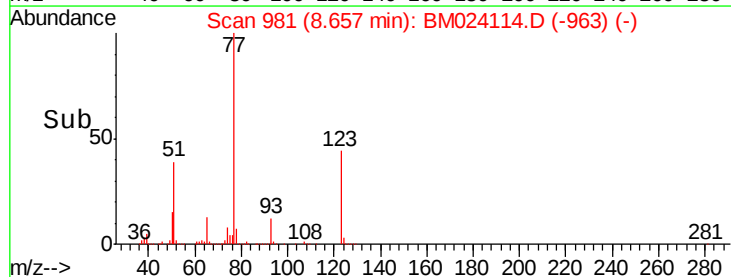
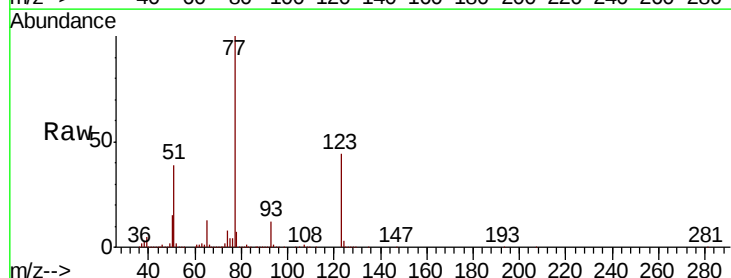
Tgt Ion: 77 Resp: 2709197

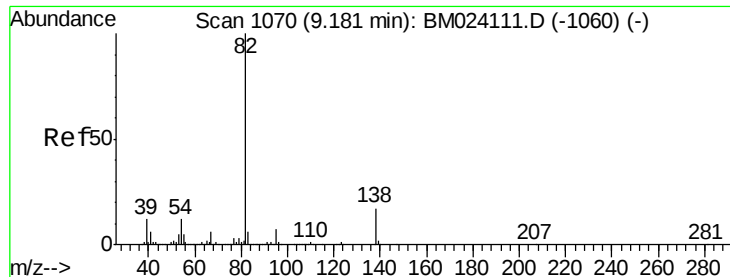
Ion Ratio Lower Upper

77 100

123 43.5 33.8 50.6

65 12.8 10.3 15.5





#25

Isophorone

Concen: 105.524 ng

RT: 9.19 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 5088289

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

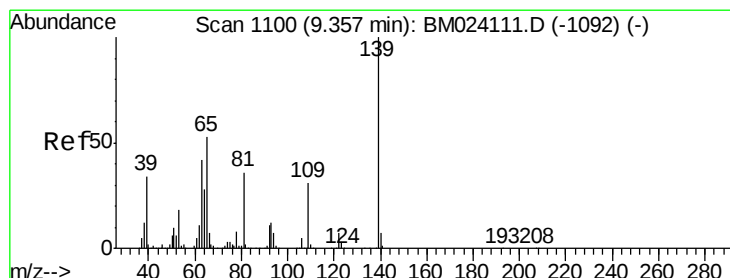
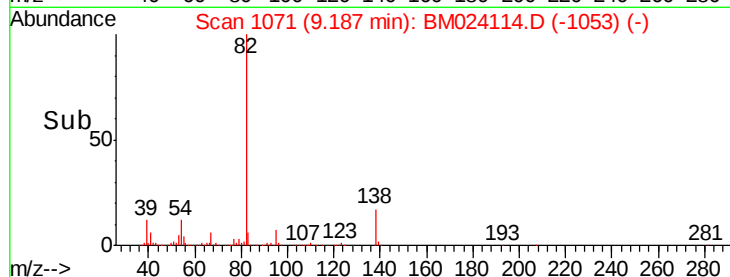
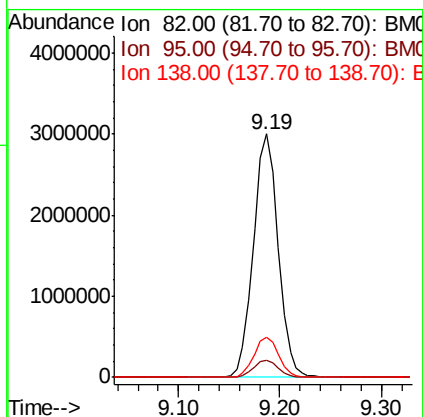
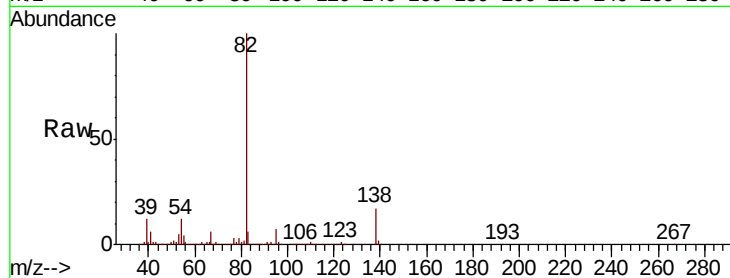
138 16.7 13.3 19.9

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:23 PM



#26

2-Nitrophenol

Concen: 103.932 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

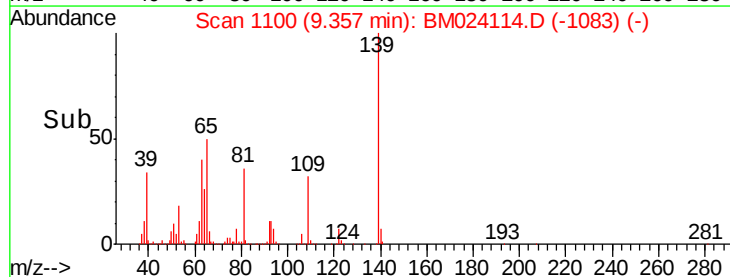
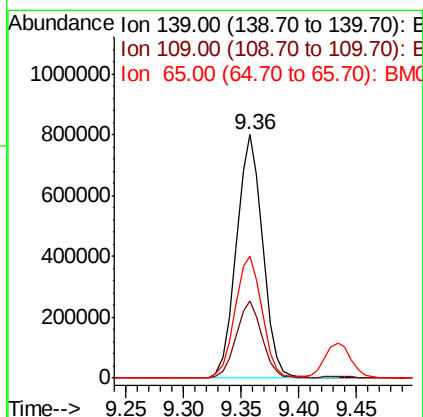
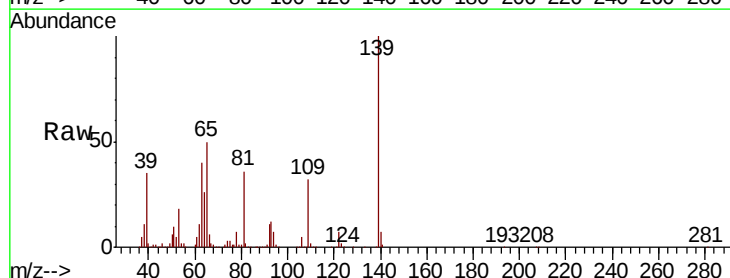
Tgt Ion: 139 Resp: 1258934

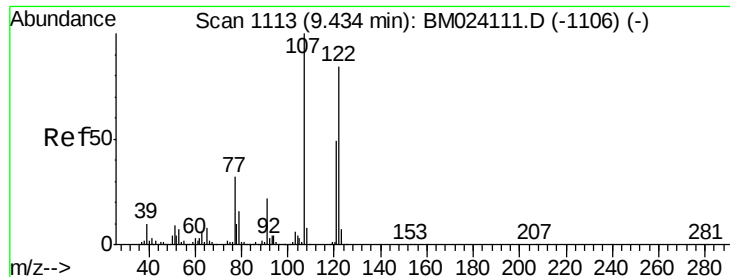
Ion Ratio Lower Upper

139 100

109 31.8 24.5 36.7

65 50.3 42.1 63.1





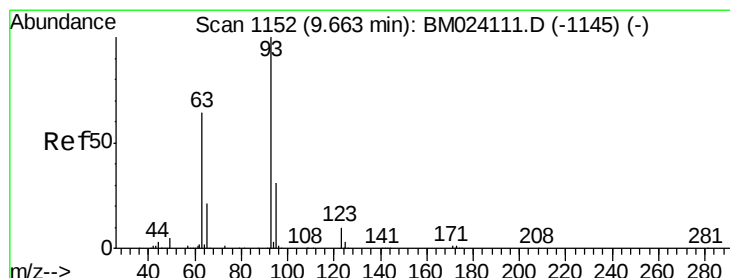
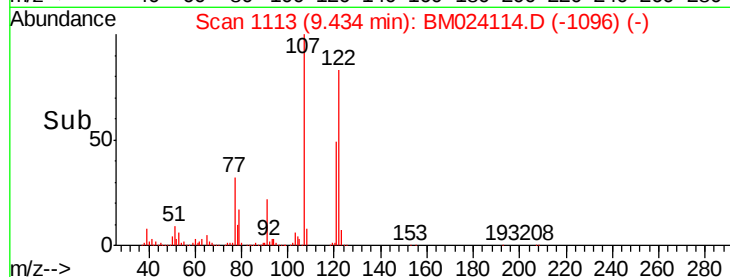
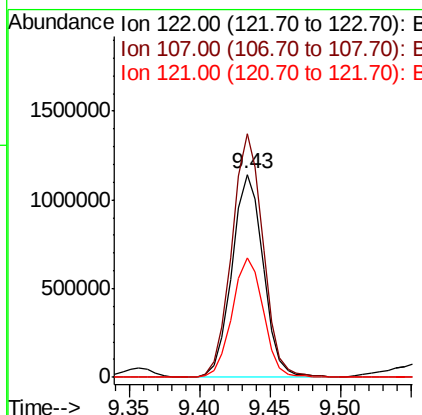
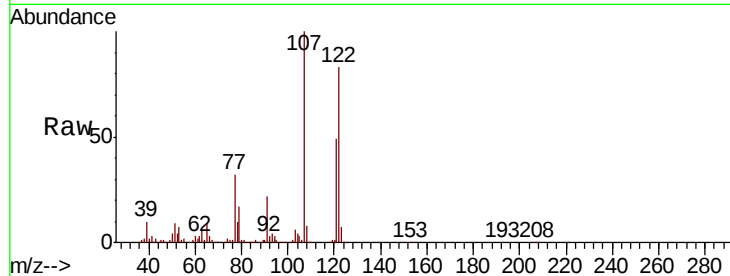
#27
2,4-Dimethylphenol
Concen: 87.162 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	95.8	143.6
121	59.0	47.0	70.4

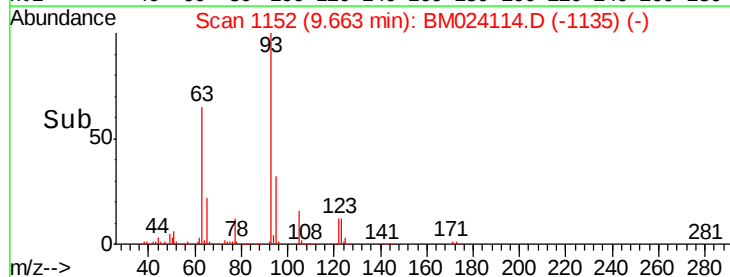
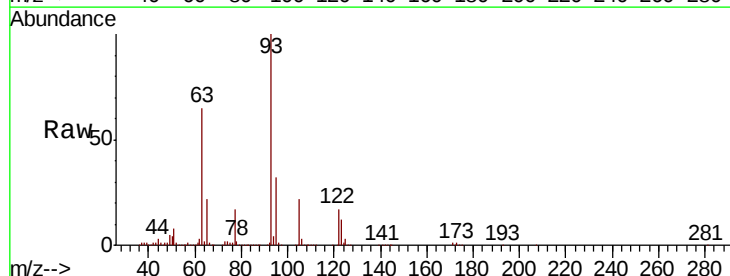
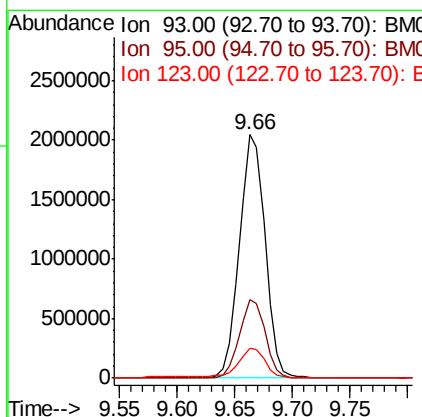
Manual Integrations
APPROVED

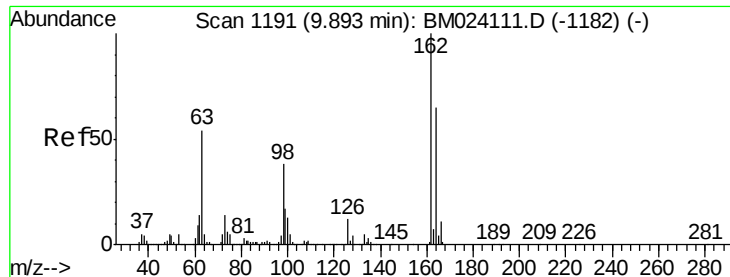
mohammad
12/17/2019 3:20:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 94.719 ng
RT: 9.66 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.1	37.7
123	12.0	8.5	12.7





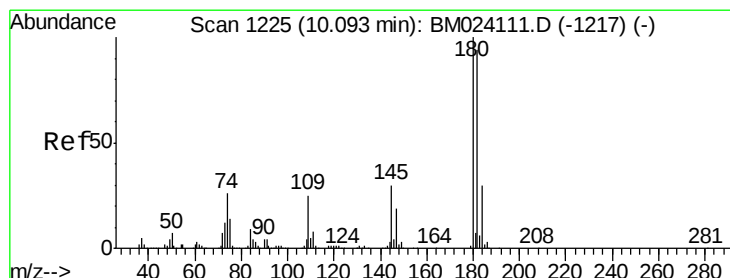
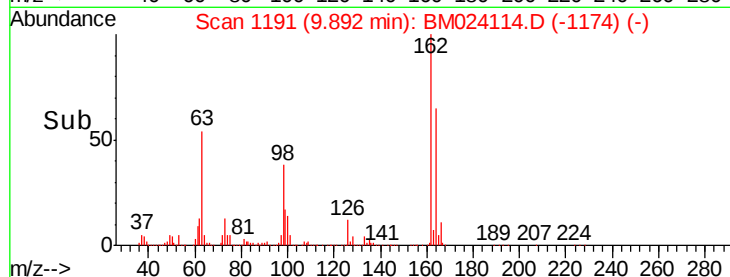
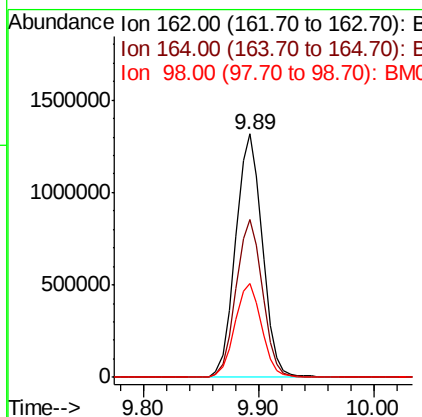
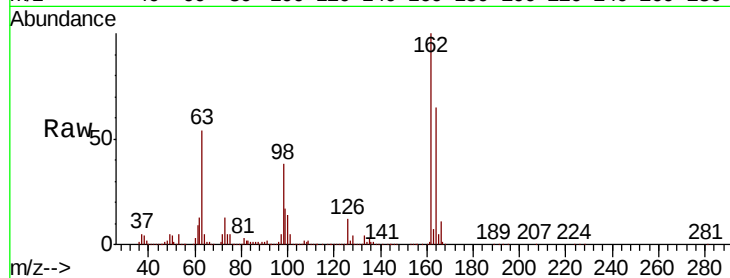
#29
2,4-Dichlorophenol
Concen: 92.084 ng
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	38.5	18.2	58.2

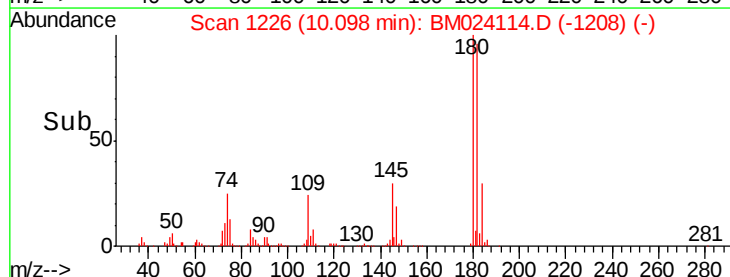
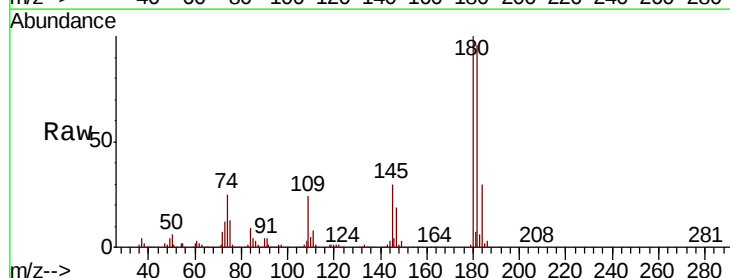
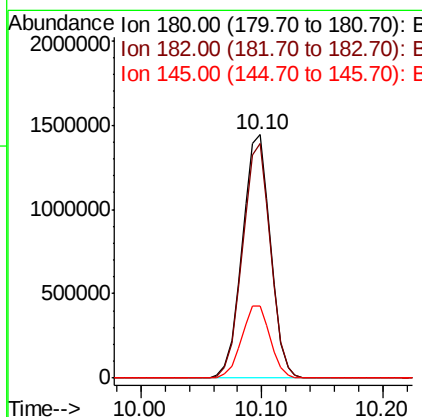
Manual Integrations
APPROVED

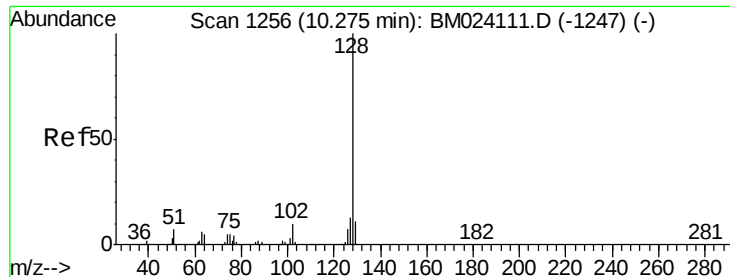
mohammad
12/17/2019 3:20:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 83.366 ng
RT: 10.10 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.5	113.3
145	29.7	24.4	36.6





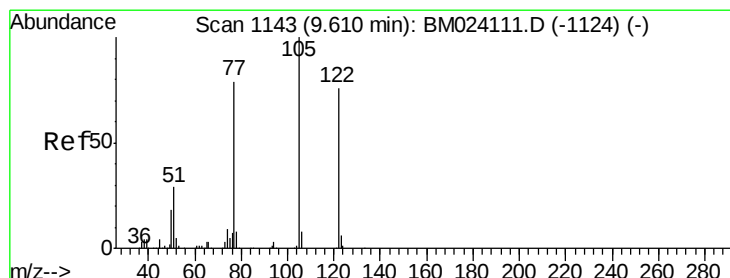
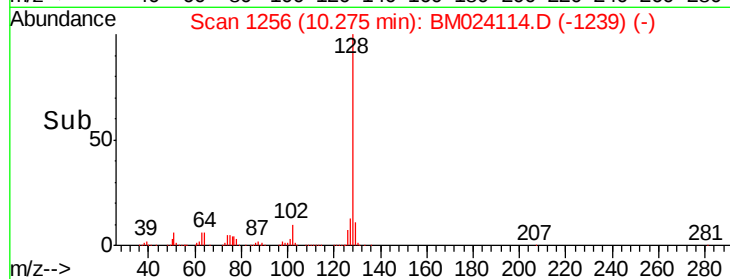
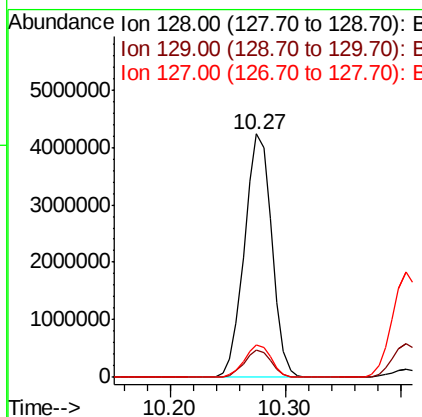
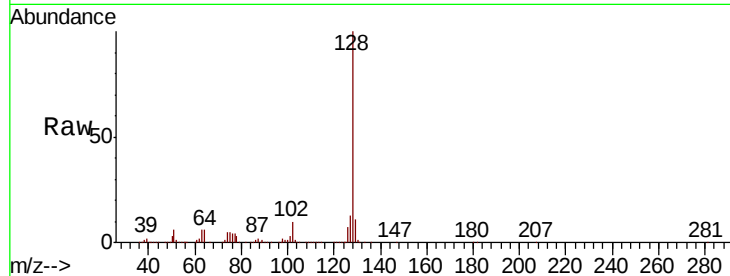
#31
Naphthalene
Concen: 86.815 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.4	10.5	15.7

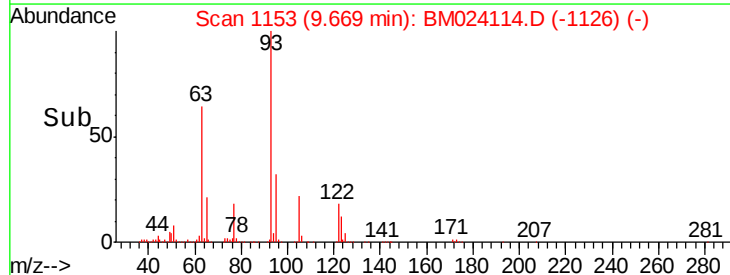
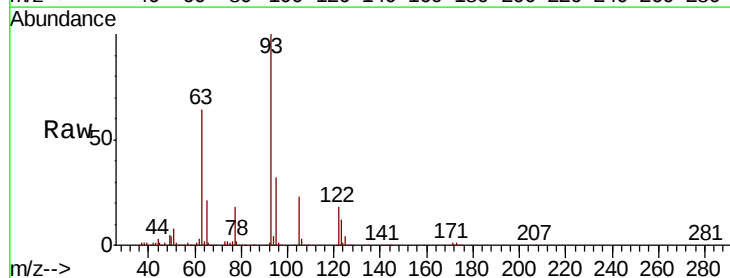
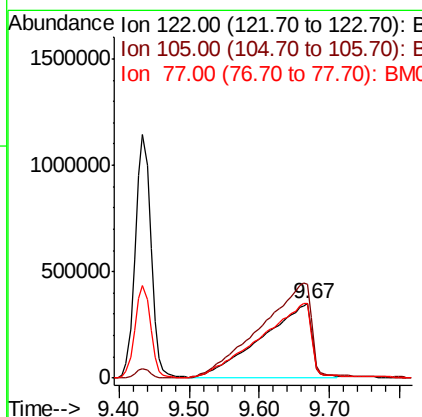
Manual Integrations
APPROVED

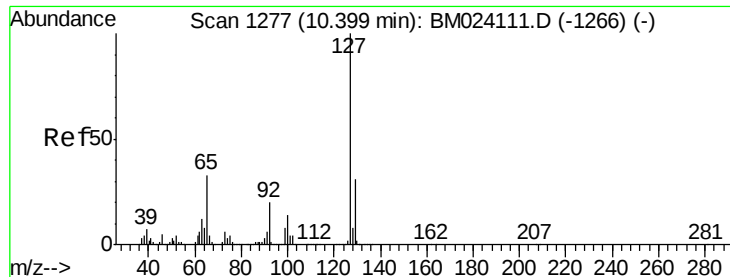
mohammad
12/17/2019 3:20:23 PM



#32
Benzoic acid
Concen: 131.162 ng m
RT: 9.67 min Scan# 1153
Delta R.T. 0.06 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	110.4	150.4
77	100.7	83.0	123.0





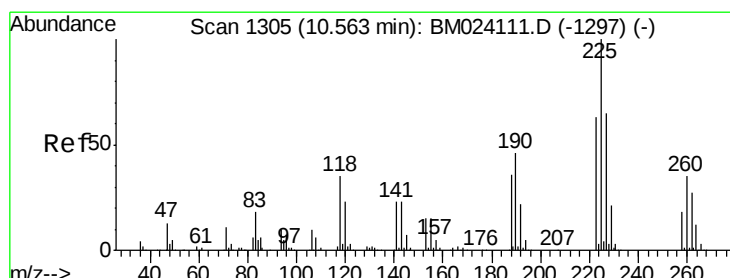
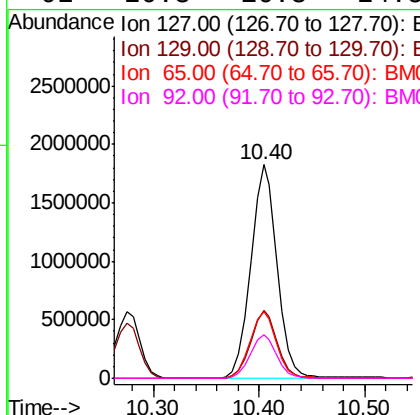
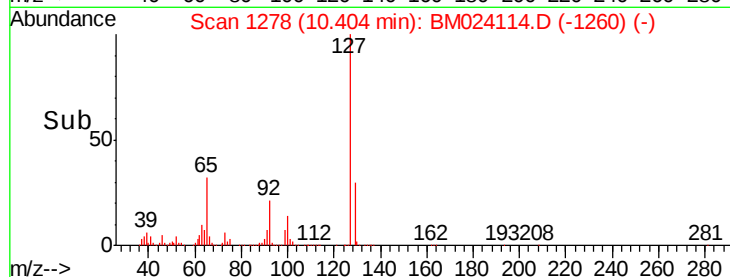
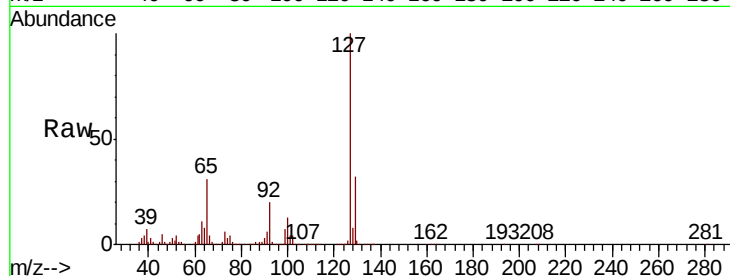
#33
4-Chloroaniline
Concen: 90.974 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleID :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.9	24.9	37.3	
65	31.4	26.2	39.4	
92	20.3	16.3	24.5	

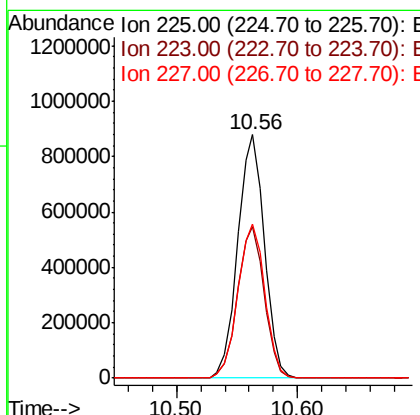
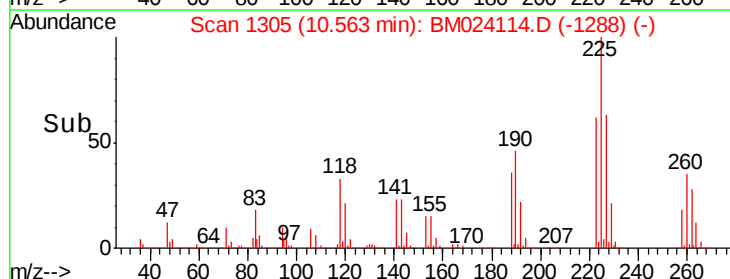
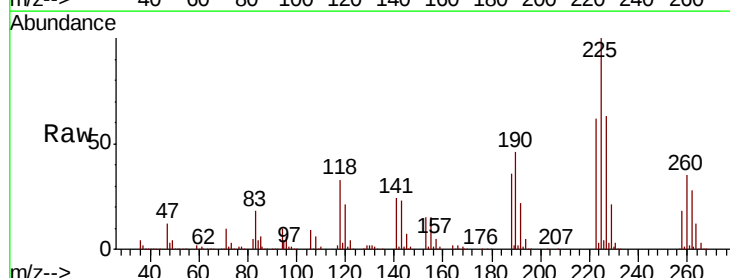
Manual Integrations
APPROVED

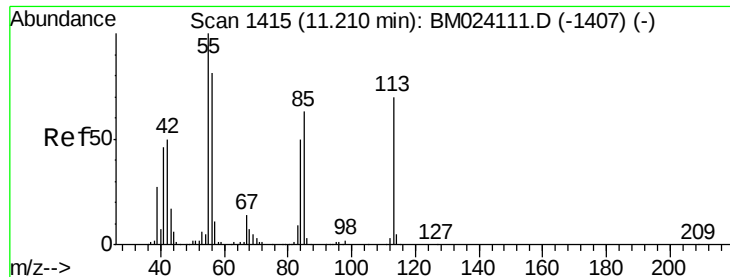
mohammad
12/17/2019 3:20:23 PM



#34
Hexachlorobutadiene
Concen: 80.520 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.2	50.6	75.8	
227	63.0	52.2	78.4	





#35

Caprolactam

Concen: 118.516 ng/mL

RT: 11.25 min Scan# 1421

Delta R.T. 0.04 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleID :

SSTDICC080

Tot Ion:113 Resp: 805543

Ion Ratio Lower Upper

113 100

55 140.1 122.4 162.4

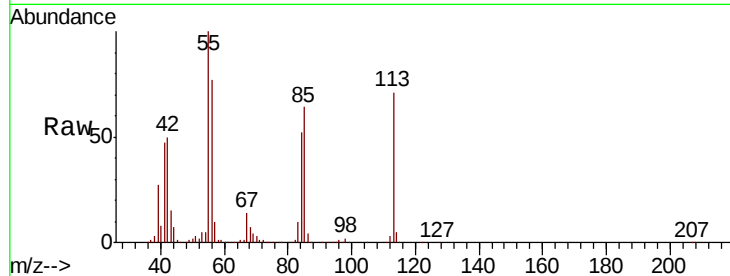
56 108.4 95.5 135.5

Manual Integrations

APPROVED

mohammad

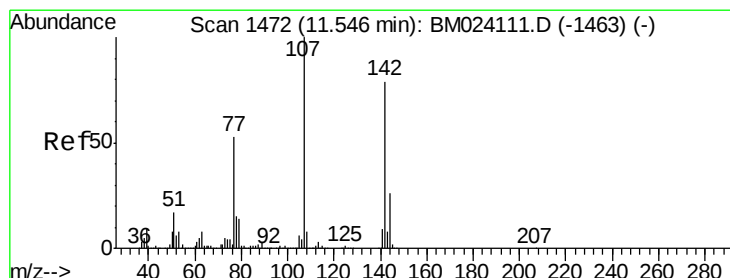
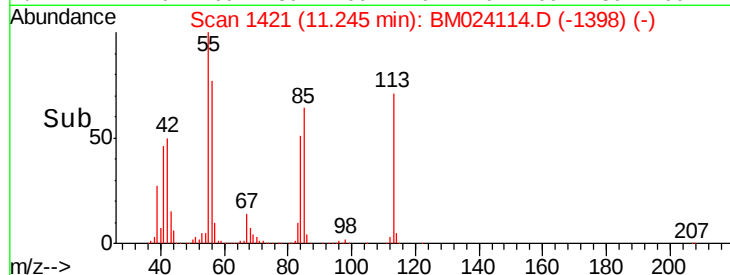
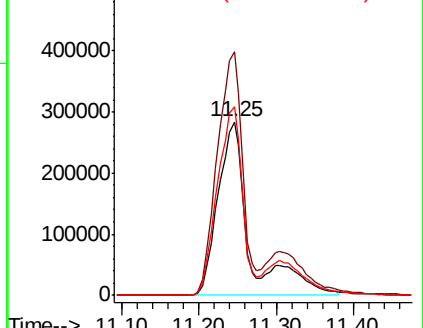
12/17/2019 3:20:23 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 111.525 ng/mL

RT: 11.55 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

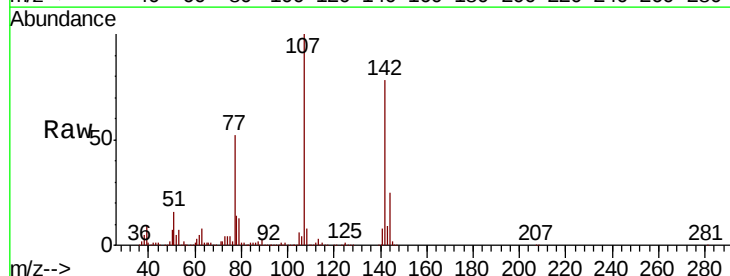
Tgt Ion:107 Resp: 2494625

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

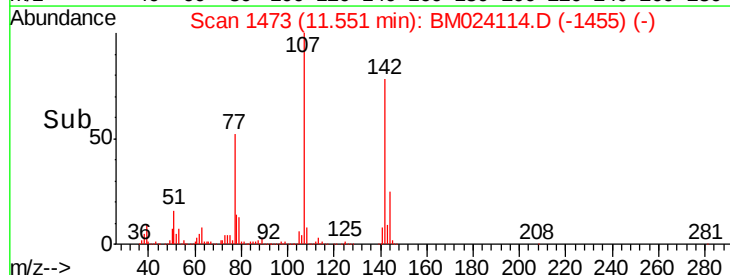
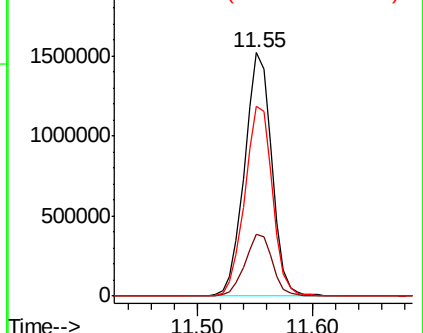
142 77.8 63.6 95.4

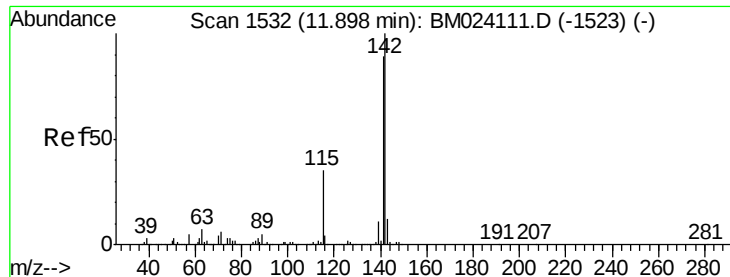


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





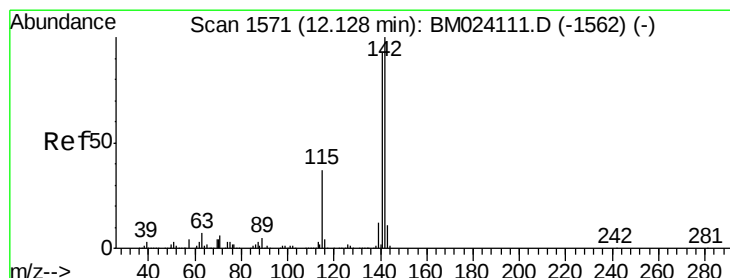
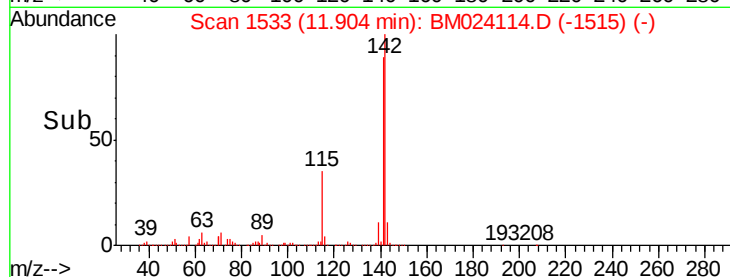
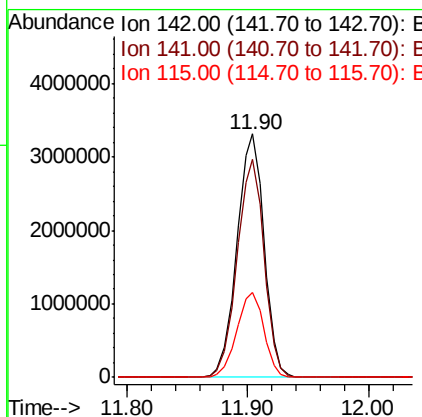
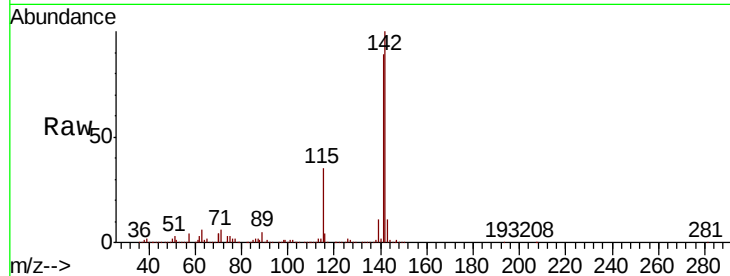
#37
2-Methylnaphthalene
Concen: 92.889 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	34.9	28.4	42.6

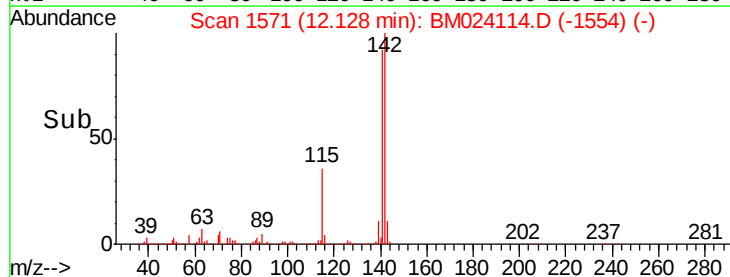
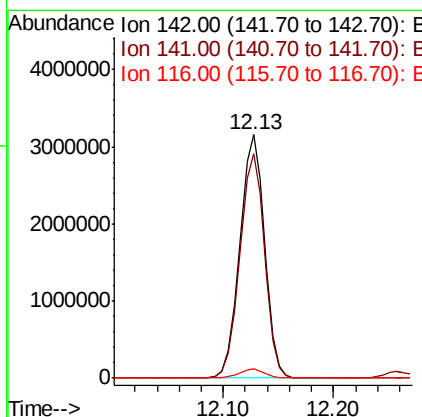
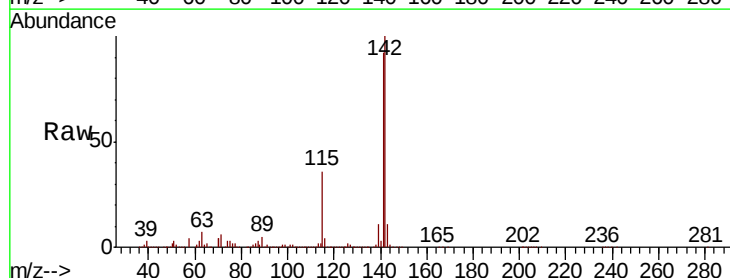
Manual Integrations
APPROVED

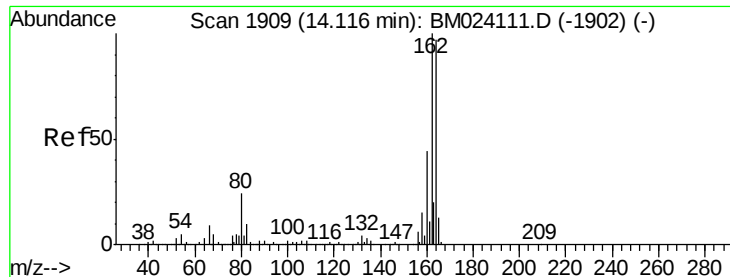
mohammad
12/17/2019 3:20:23 PM



#38
1-Methylnaphthalene
Concen: 93.052 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7
116	3.8	3.1	4.7





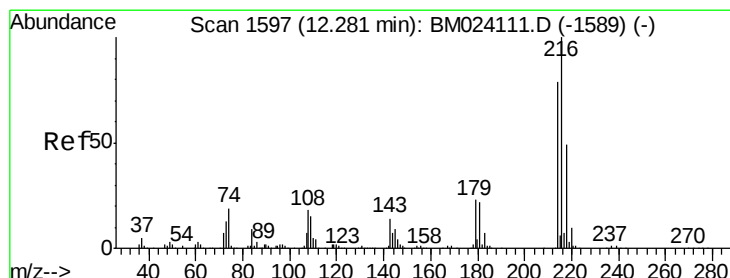
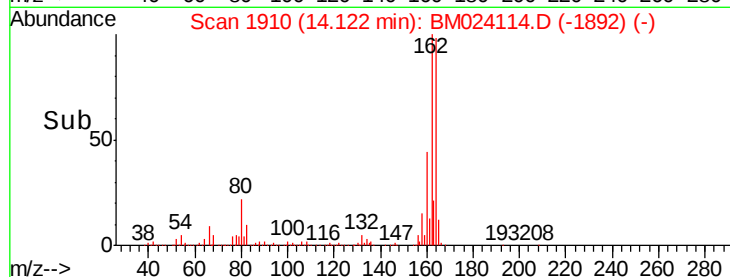
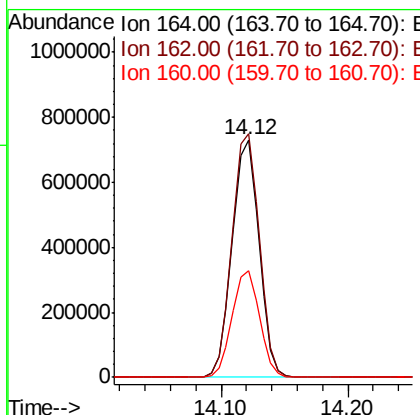
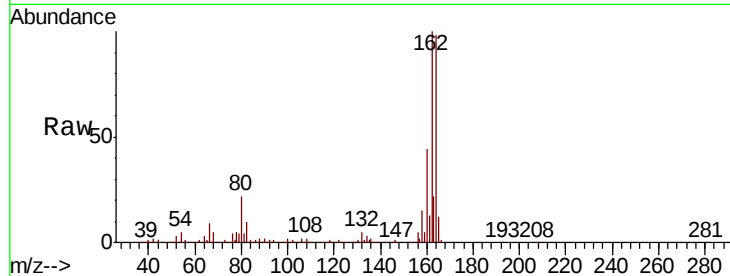
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.4
160	44.8	35.9	53.9

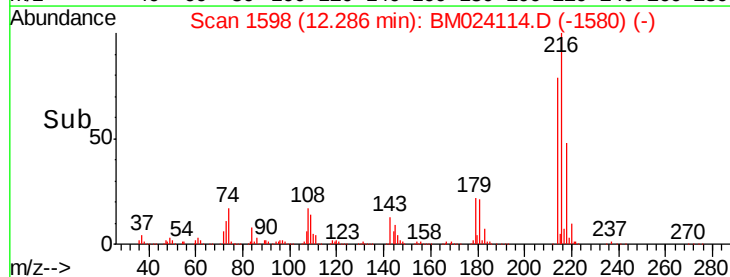
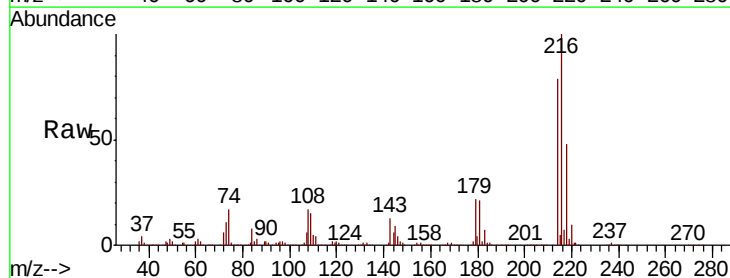
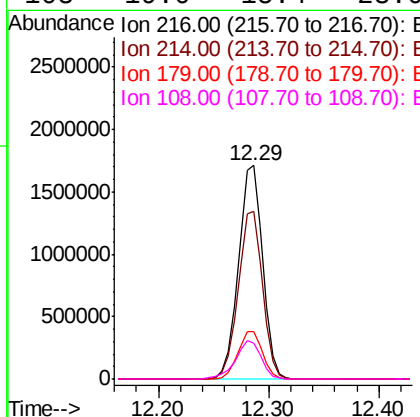
Manual Integrations
APPROVED

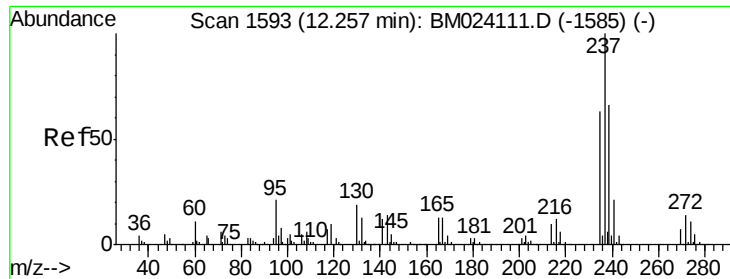
mohammad
12/17/2019 3:20:23 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.430 ng
RT: 12.29 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.5	18.0	27.0
108	19.0	15.4	23.0





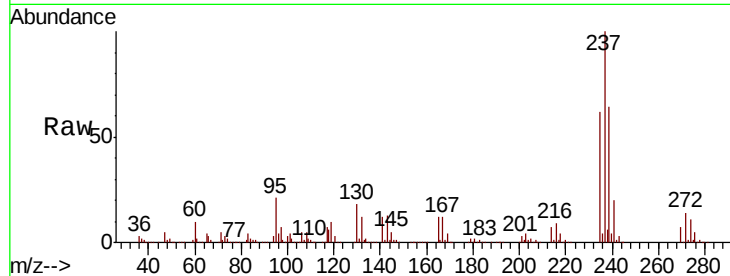
#41
Hexachlorocyclopentadiene
Concen: 55.050 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.0	83.0
272	14.1	0.0	33.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

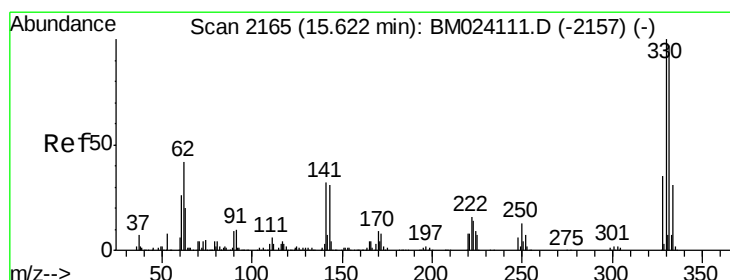
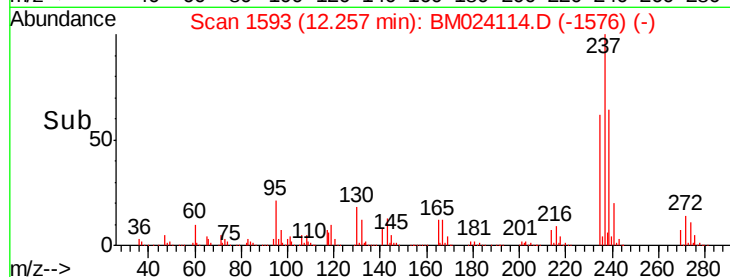
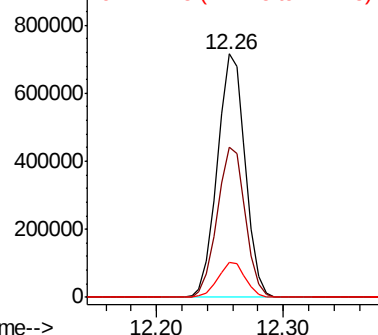


Abundance

Ion 236.80 (236.50 to 237.50): E

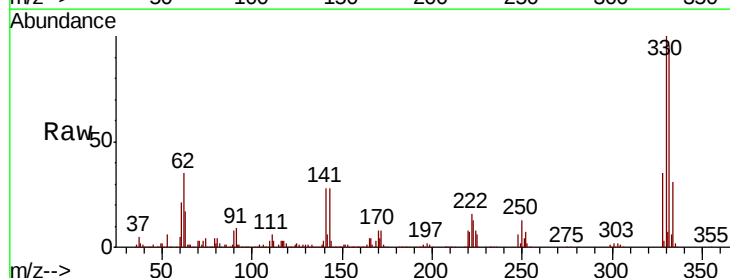
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 194.902 ng
RT: 15.63 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	31.3	27.0	40.6

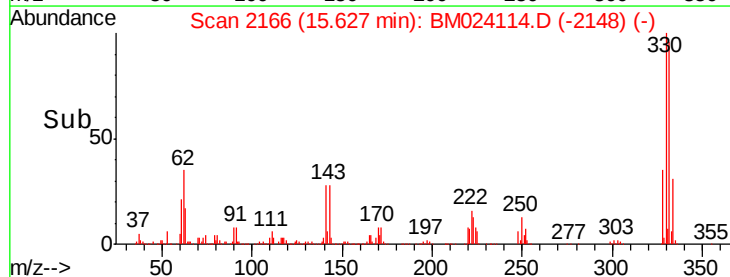
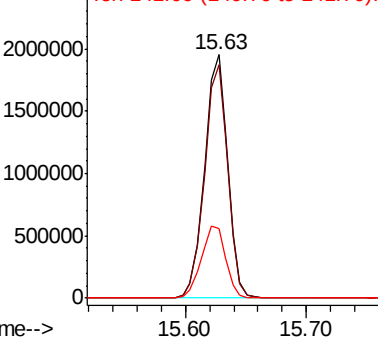


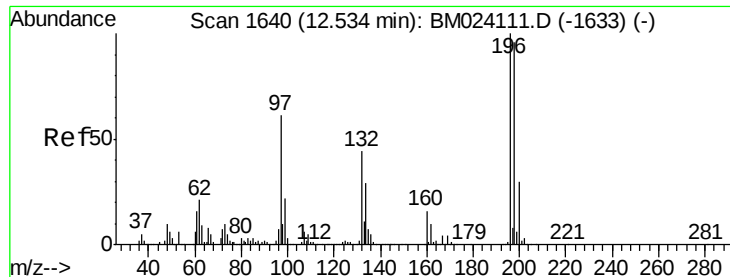
Abundance

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





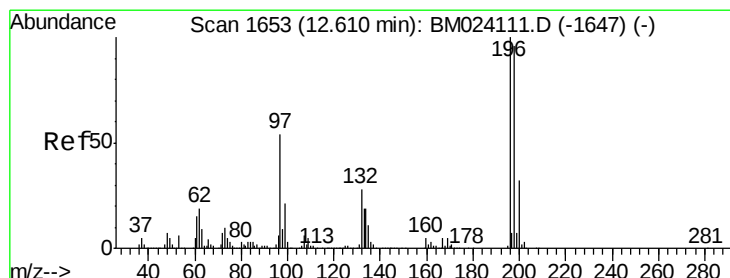
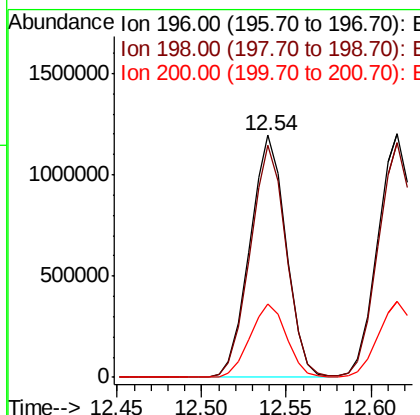
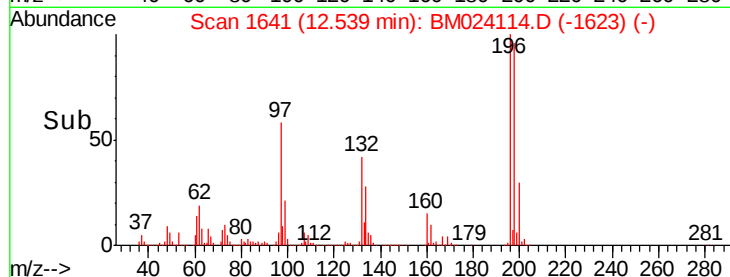
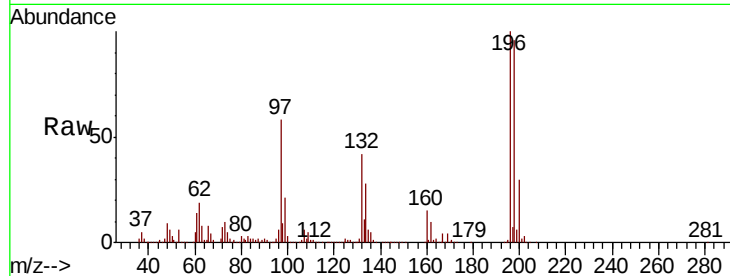
#43
2,4,6-Trichlorophenol
Concen: 85.052 ng
RT: 12.54 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion:196 Resp: 1783222
Ion Ratio Lower Upper
196 100
198 96.0 77.1 115.7
200 30.5 24.1 36.1

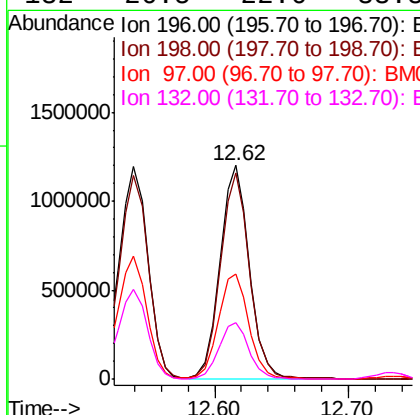
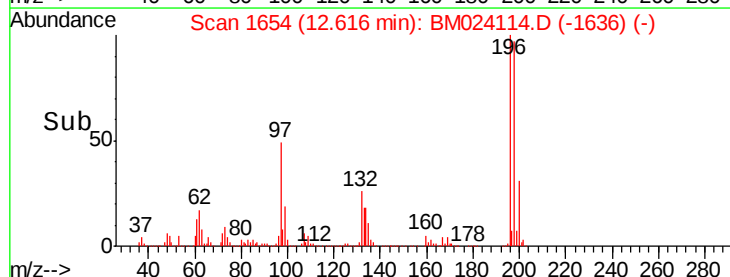
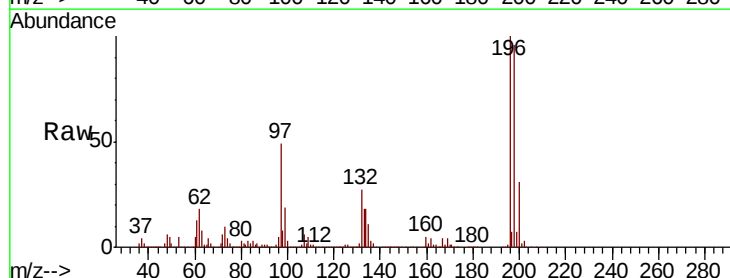
Manual Integrations
APPROVED

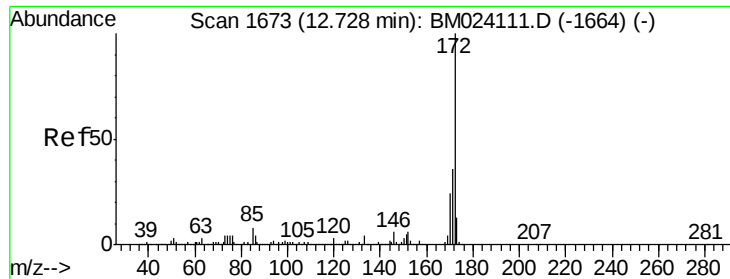
mohammad
12/17/2019 3:20:23 PM



#44
2,4,5-Trichlorophenol
Concen: 83.879 ng
RT: 12.62 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:196 Resp: 1832621
Ion Ratio Lower Upper
196 100
198 96.4 76.6 114.8
97 49.2 42.9 64.3
132 26.5 22.6 33.8





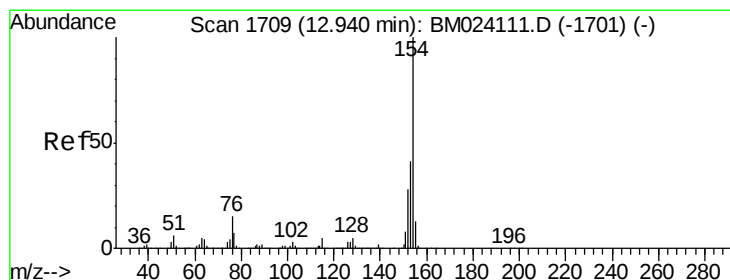
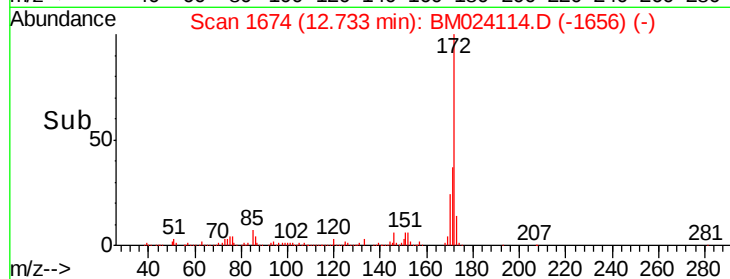
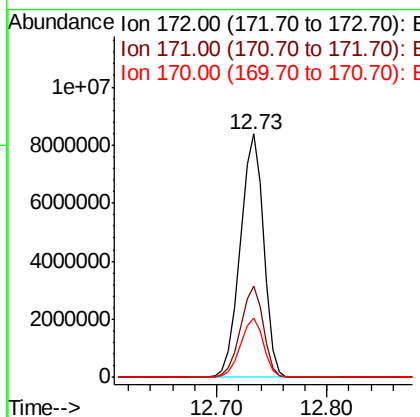
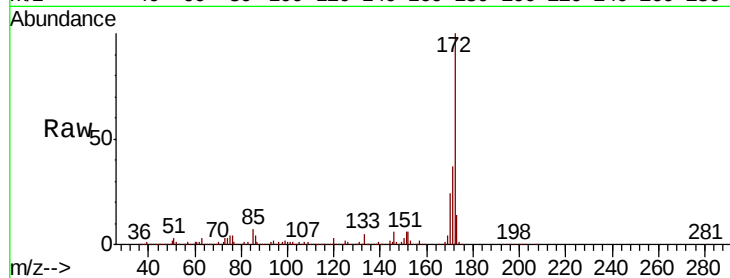
#45
2-Fluorobiphenyl
Concen: 160.173 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion:172 Resp:12470016
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 24.4 18.9 28.3

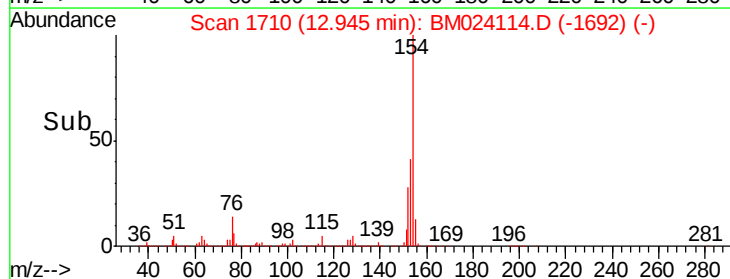
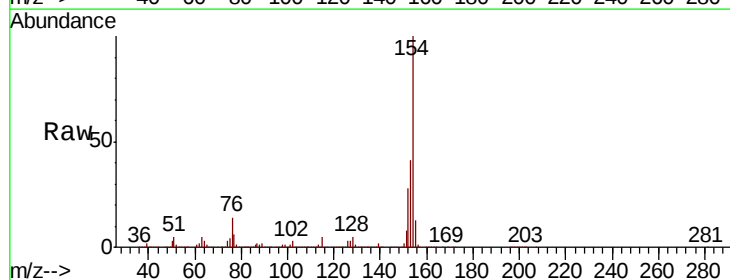
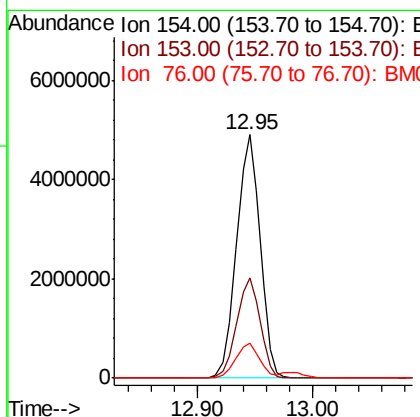
Manual Integrations
APPROVED

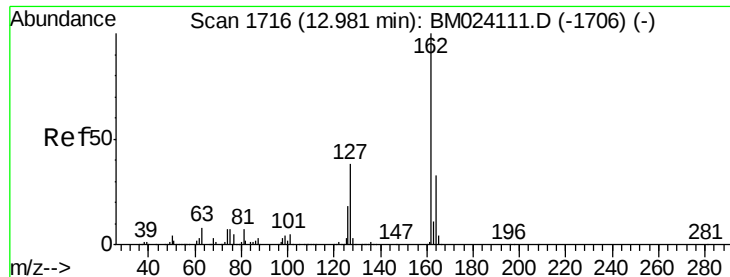
mohammad
12/17/2019 3:20:23 PM



#46
1,1'-Biphenyl
Concen: 77.969 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:154 Resp: 6918068
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 14.1 0.0 35.1





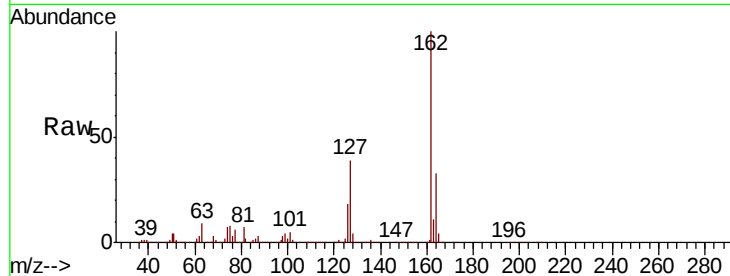
#47
2-Chloronaphthalene
Concen: 82.902 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

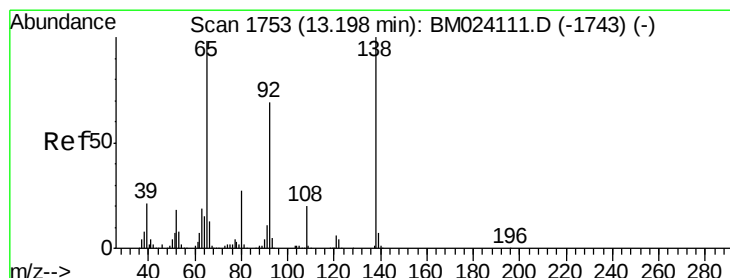
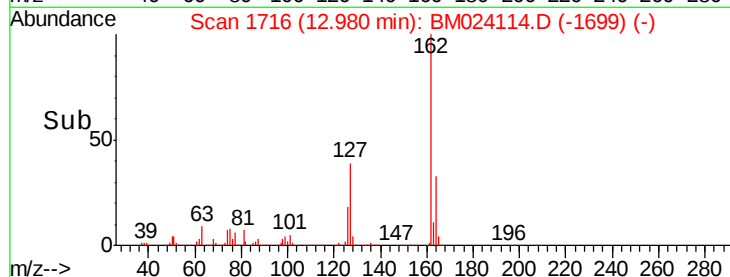
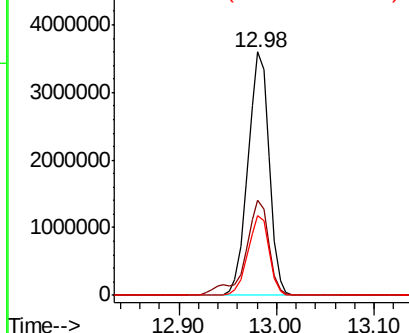
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.4
164	33.0	26.2	39.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM



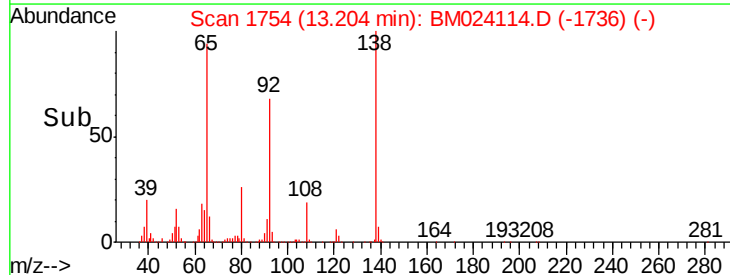
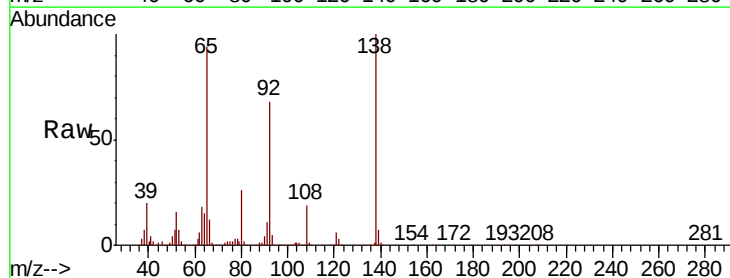
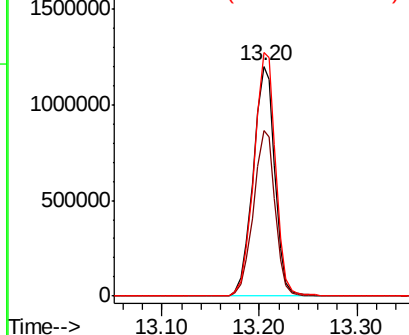
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

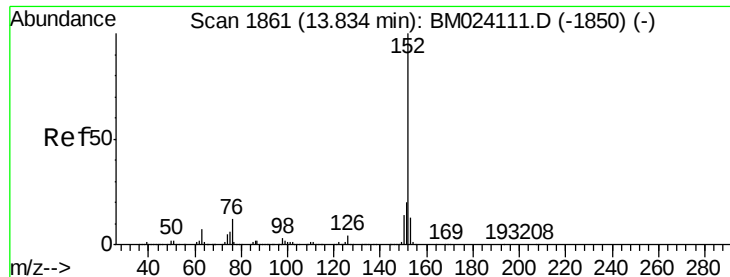


#48
2-Nitroaniline
Concen: 109.811 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	56.4	84.6
138	106.0	81.9	122.9

Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 87.162 ng

RT: 13.84 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 8536055

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

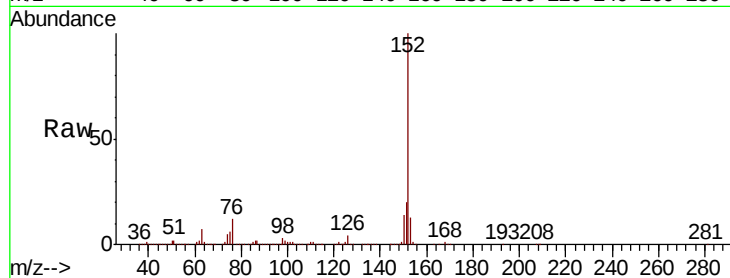
153 13.2 10.6 15.8

Manual Integrations

APPROVED

mohammad

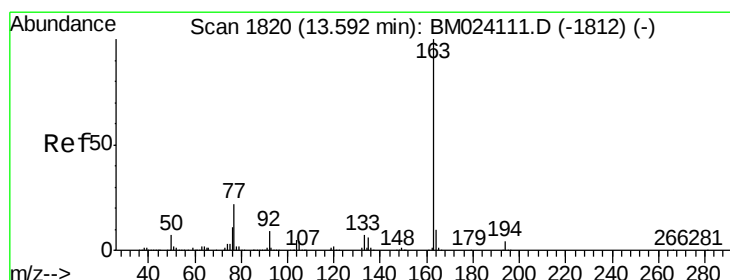
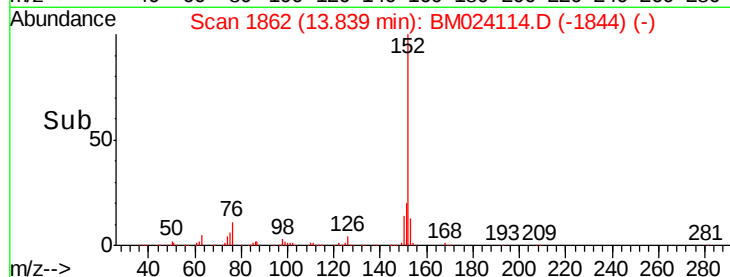
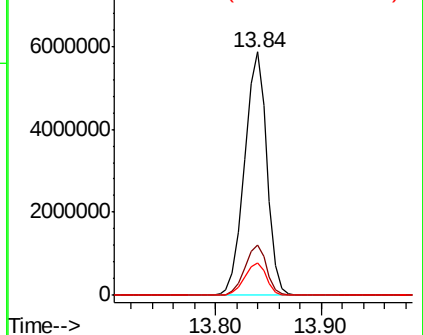
12/17/2019 3:20:23 PM



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: 90.368 ng

RT: 13.60 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

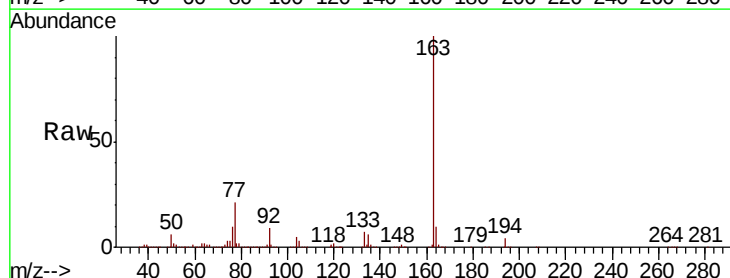
Tgt Ion:163 Resp: 7001354

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

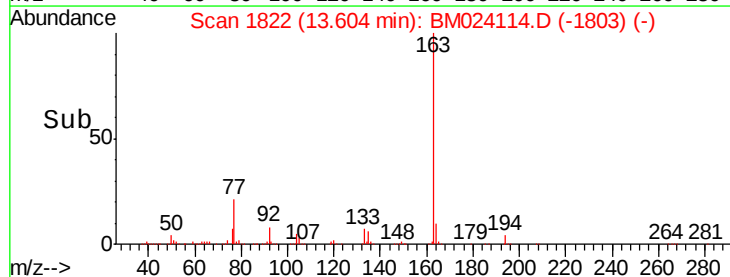
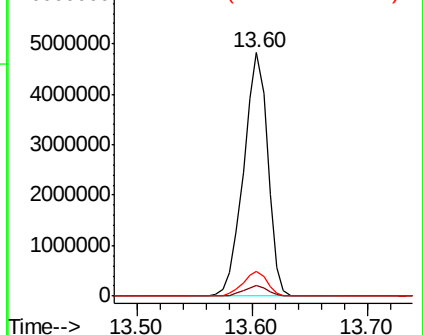
164 10.0 8.1 12.1

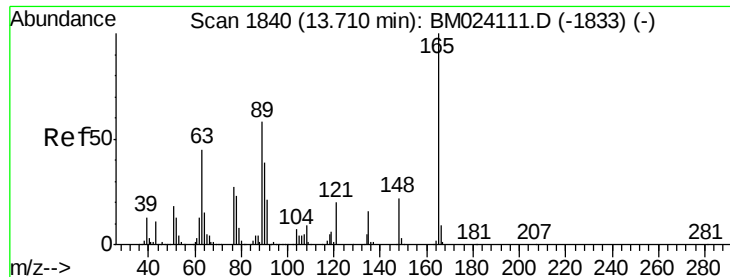


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 96.664 ng

RT: 13.72 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

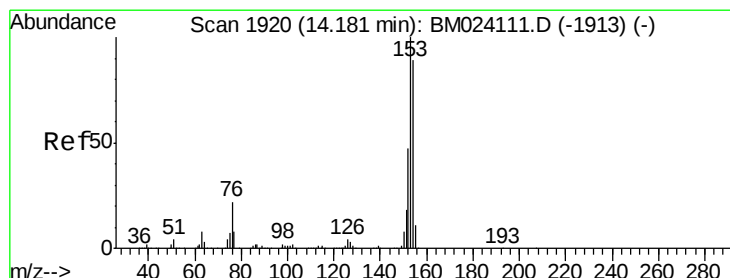
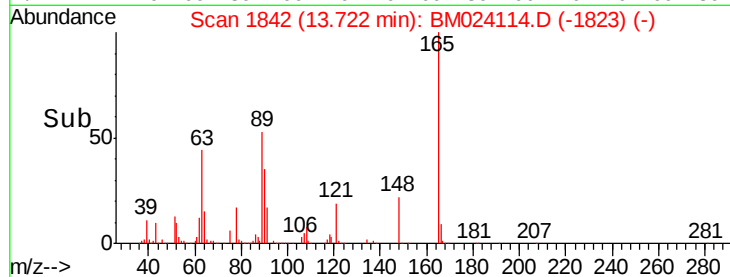
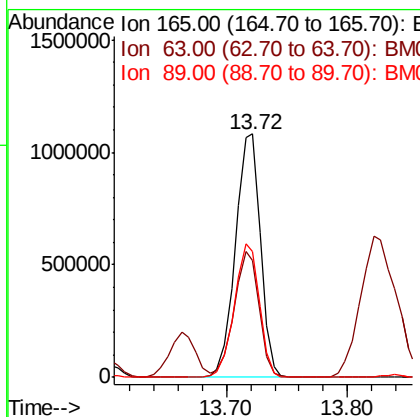
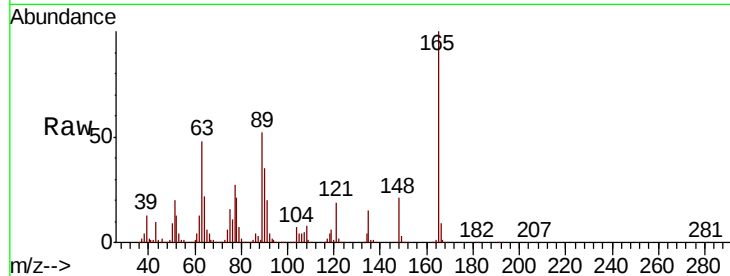
ClientSampleId :

SSTDIC080

Tot Ion:	165	Resp:	1566534
Ion	Ratio	Lower	Upper
165	100		
63	47.8	43.0	64.6
89	51.5	46.4	69.6

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM



#52

Acenaphthene

Concen: 81.407 ng

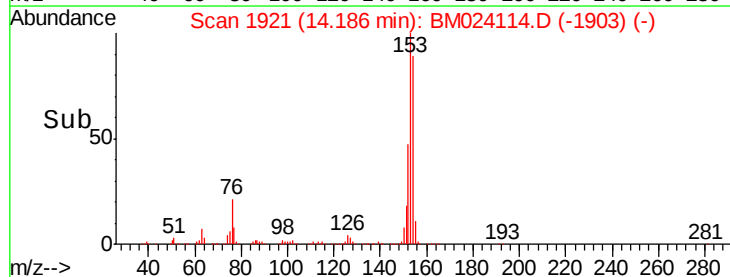
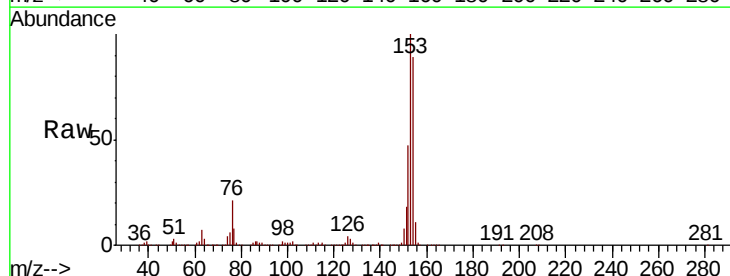
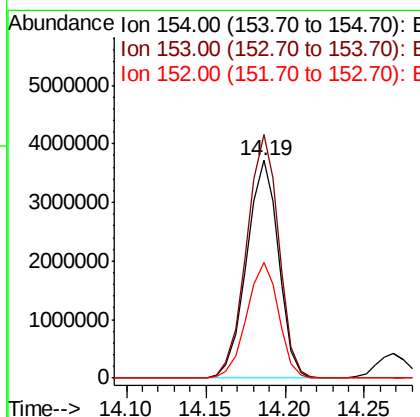
RT: 14.19 min Scan# 1921

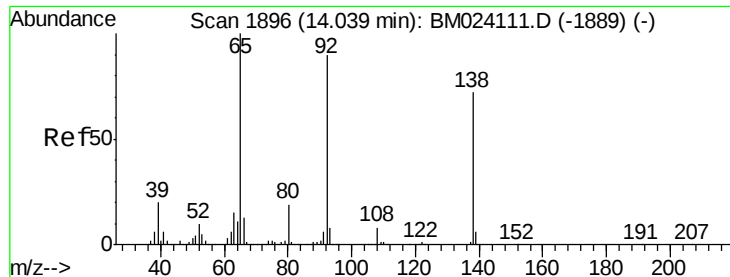
Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:	154	Resp:	5215797
Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	52.8	42.3	63.5





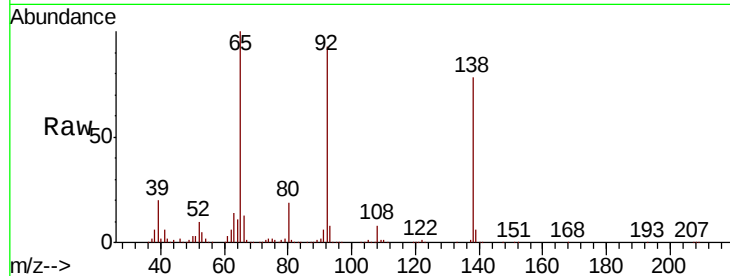
#53
3-Nitroaniline
Concen: 95.491 ng
RT: 14.05 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.8	13.2
92	120.1	100.6	150.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

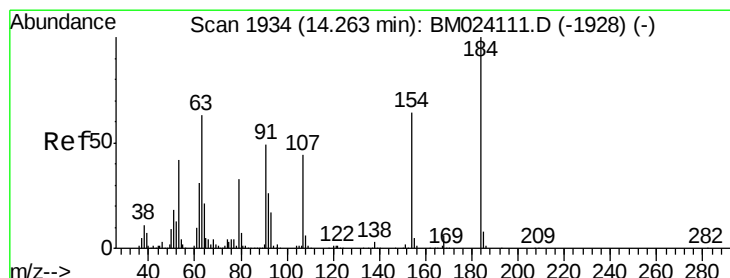
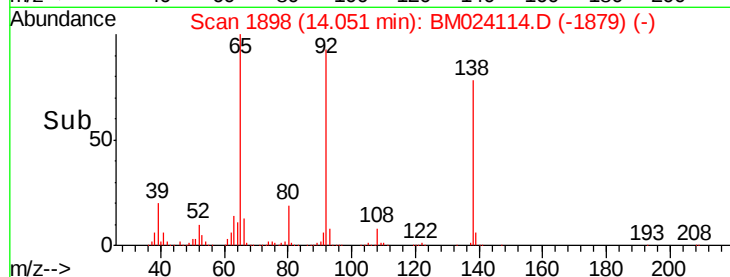
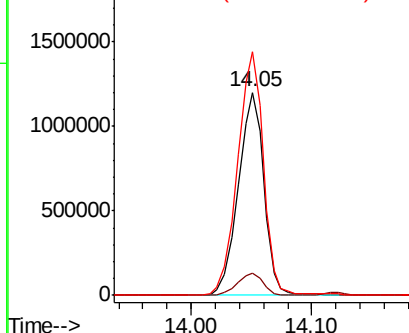


Abundance

Ion 138.00 (137.70 to 138.70): E

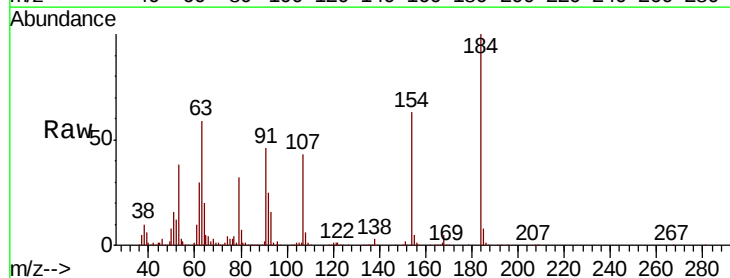
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 126.144 ng
RT: 14.27 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	50.2	75.4
154	63.4	51.8	77.8

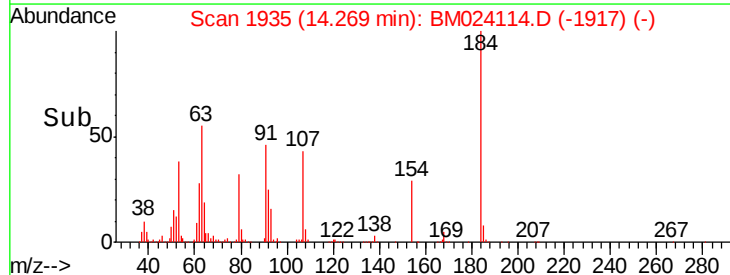
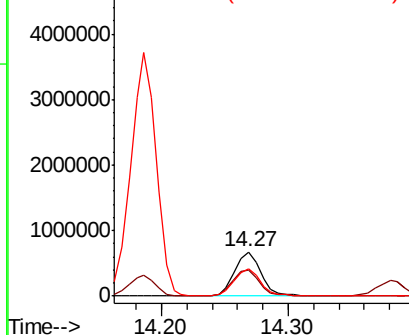


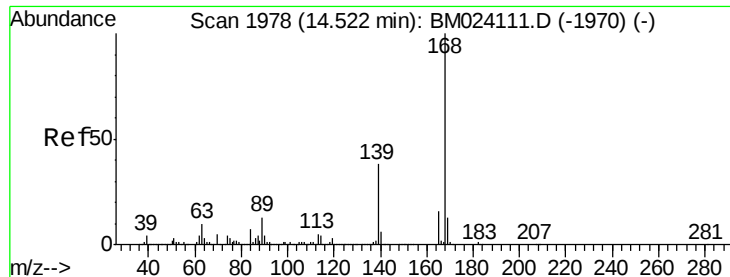
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





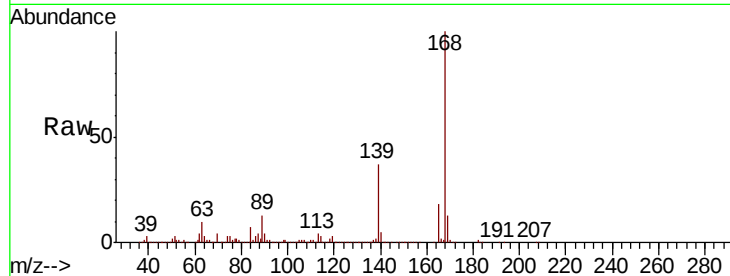
#55
Dibenzofuran
Concen: 87.624 ng
RT: 14.53 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.4	45.6
169	13.4	10.6	16.0

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

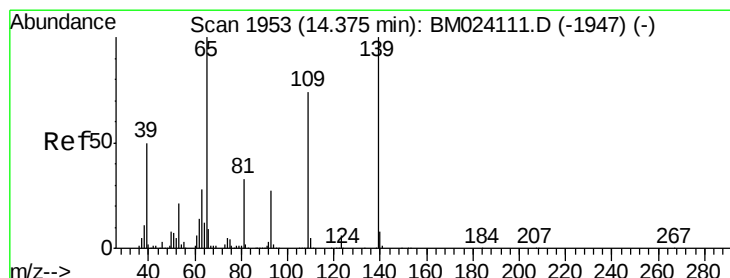
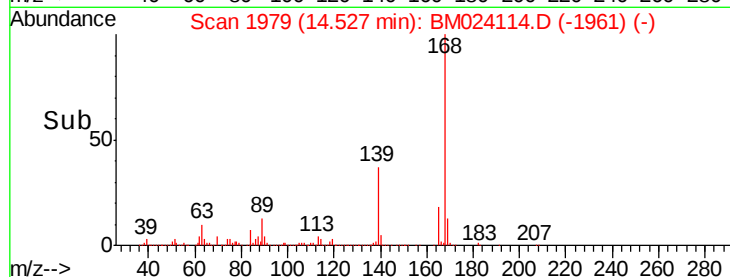
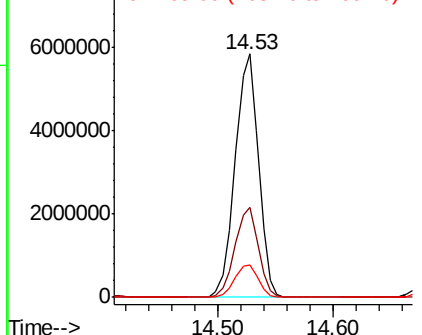


Abundance

Ion 168.00 (167.70 to 168.70): E

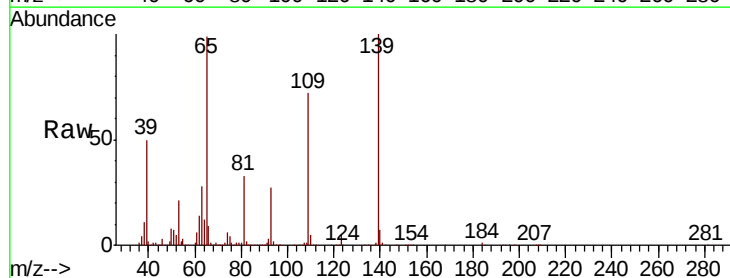
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 93.164 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	54.2	94.2
65	98.8	80.5	120.5

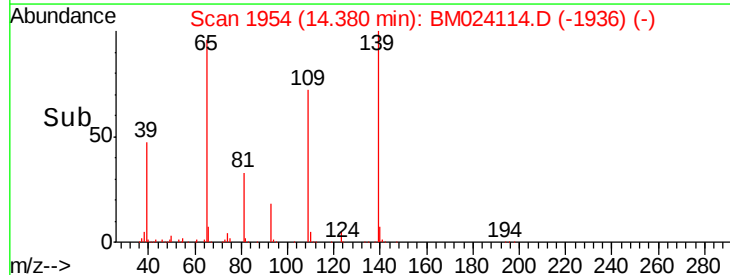
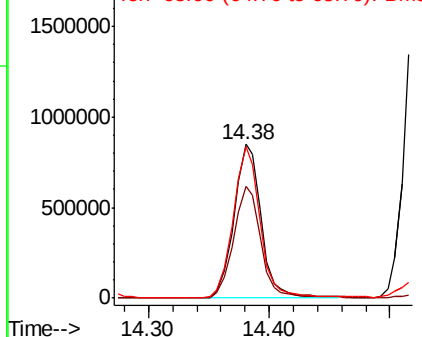


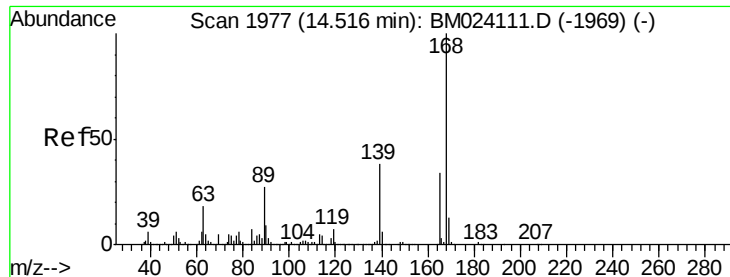
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





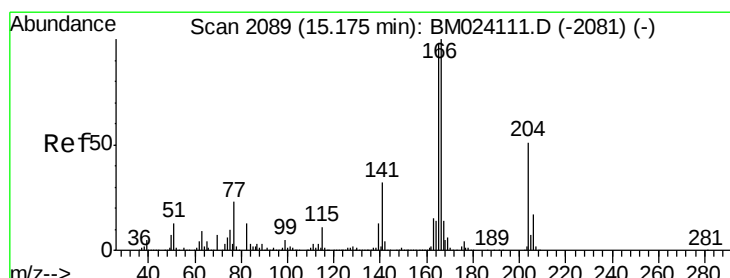
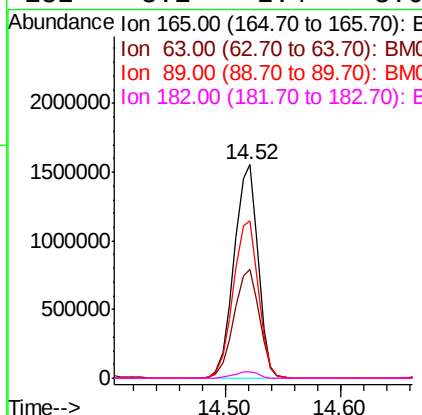
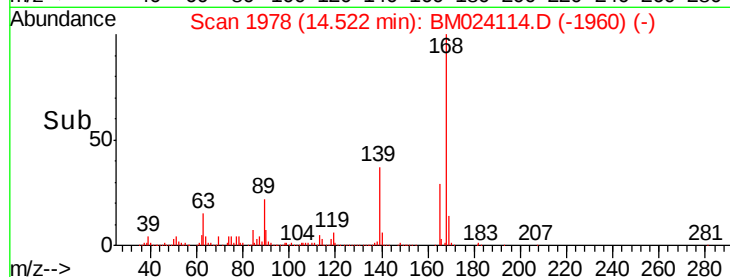
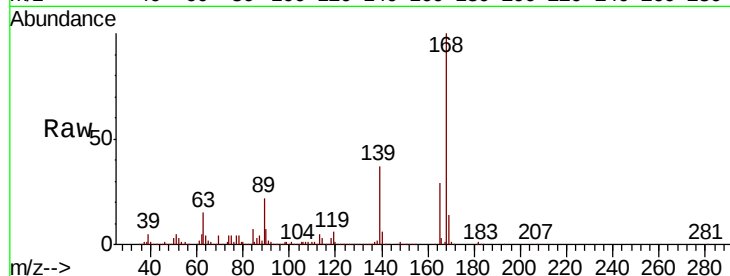
#57
2,4-Dinitrotoluene
Concen: 105.390 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:165 Resp: 2237513
Ion Ratio Lower Upper
165 100
63 50.7 42.6 64.0
89 74.0 61.6 92.4
182 3.1 2.4 3.6

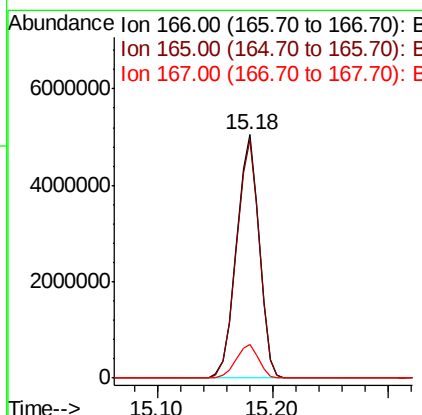
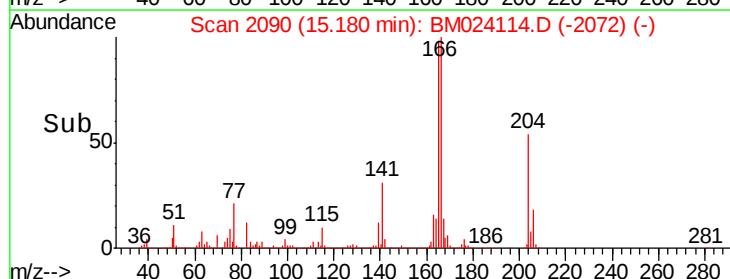
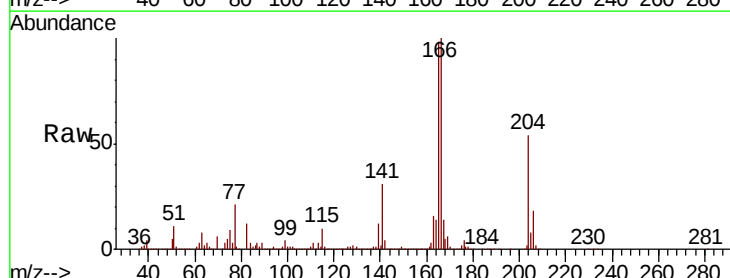
Manual Integrations
APPROVED

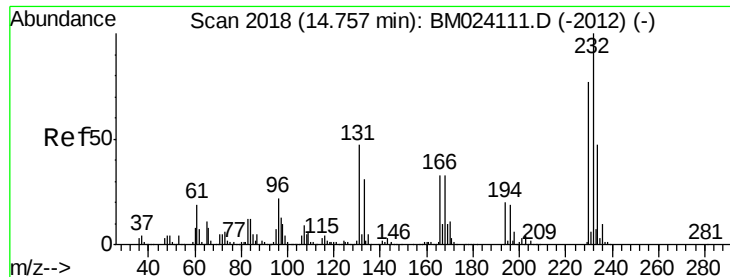
mohammad
12/17/2019 3:20:23 PM



#58
Fluorene
Concen: 90.189 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:166 Resp: 6855217
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.8 10.9 16.3





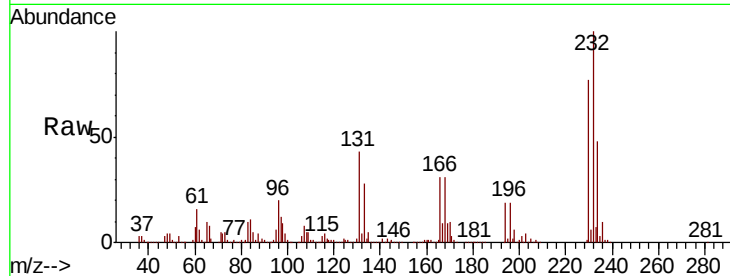
#59
2,3,4,6-Tetrachlorophenol
Concen: 86.827 ng
RT: 14.76 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	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 3:20:23 PM



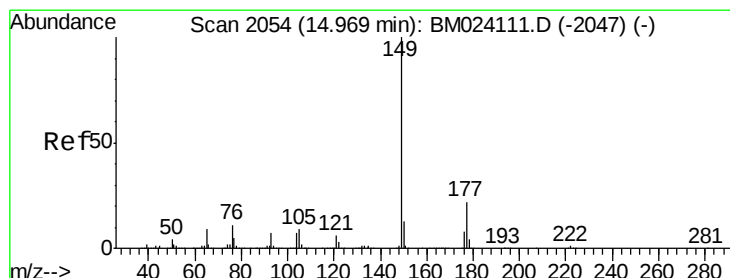
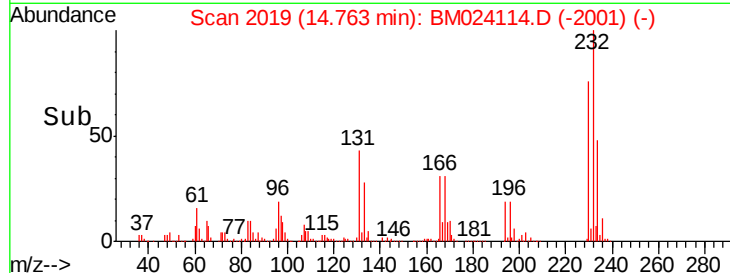
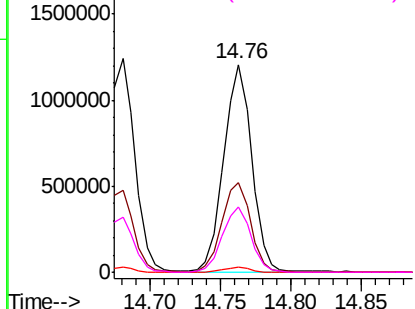
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

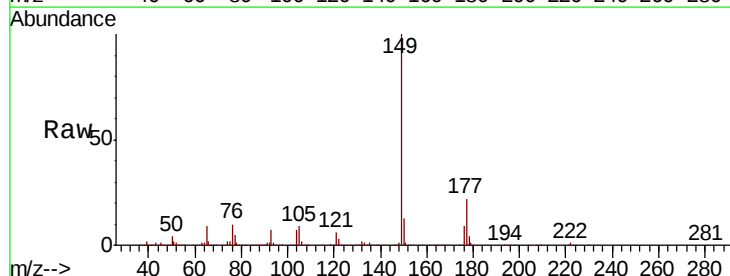
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 94.430 ng
RT: 14.97 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.3	25.9
150	12.9	10.1	15.1

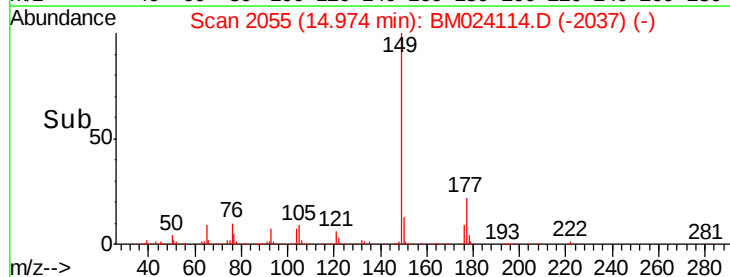
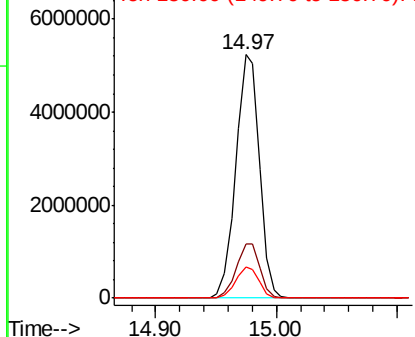


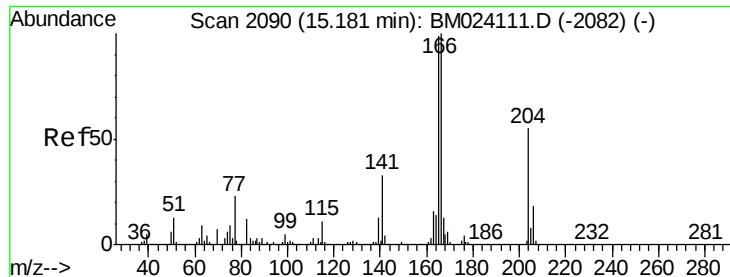
Abundance

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





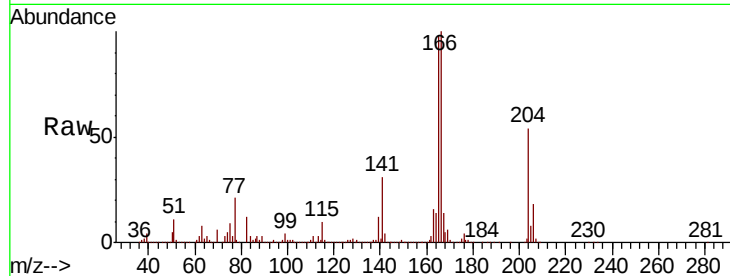
#61
4-Chlorophenyl-phenylether
Concen: 87.960 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

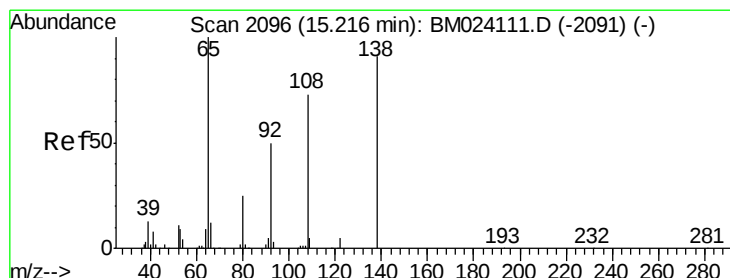
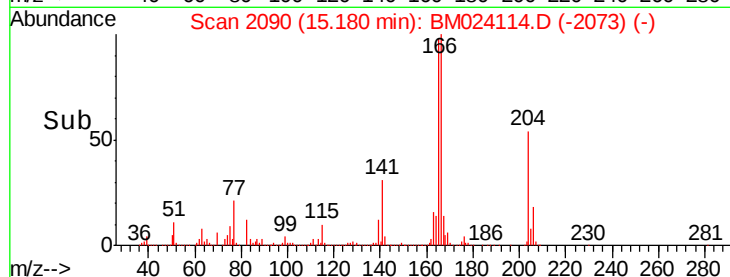
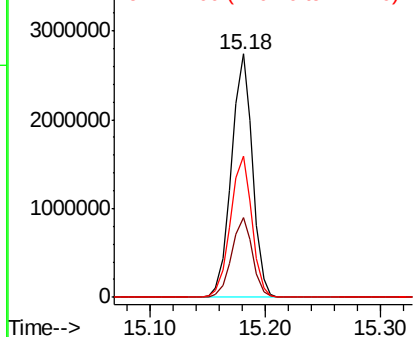
Tot Ion:204 Resp: 3435255
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 57.9 47.0 70.4

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

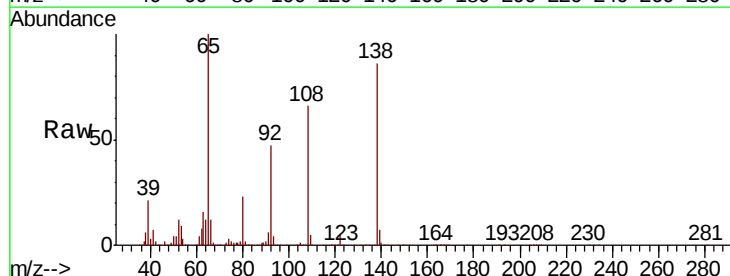


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

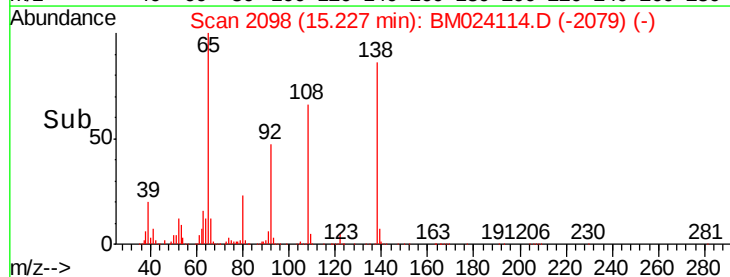
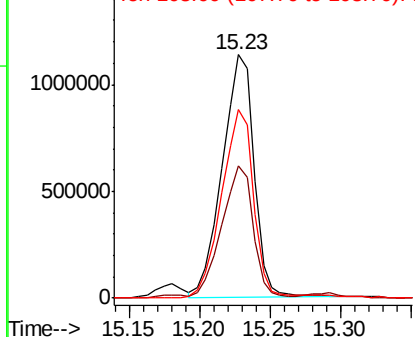


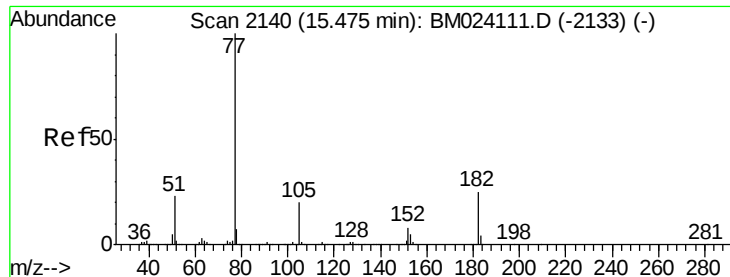
#62
4-Nitroaniline
Concen: 90.380 ng
RT: 15.23 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:138 Resp: 1767818
Ion Ratio Lower Upper
138 100
92 54.4 33.8 73.8
108 77.2 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: 100.731 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 6852790

Ion Ratio Lower Upper

77 100

182 25.4 4.7 44.7

105 20.5 0.0 40.0

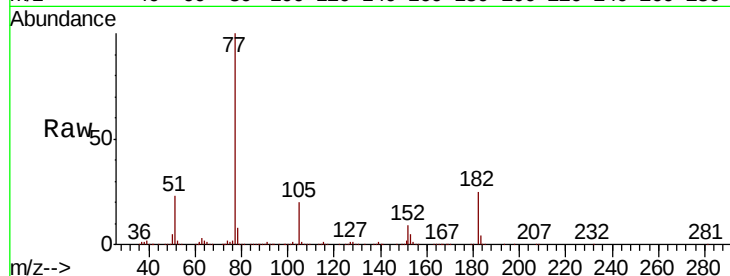
51 22.6 2.6 42.6

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:23 PM

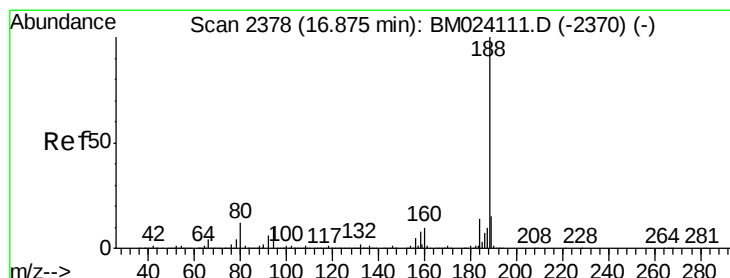
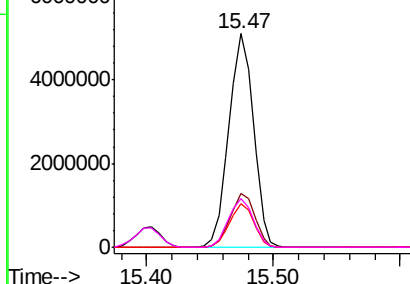
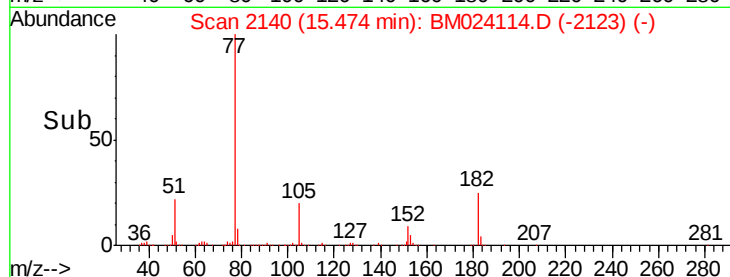


Abundance Ion 77.00 (76.70 to 77.70): BM024111.D (-2133) (-)

Ion 182.00 (181.70 to 182.70): BM024111.D (-2133) (-)

Ion 105.00 (104.70 to 105.70): BM024111.D (-2133) (-)

Ion 51.00 (50.70 to 51.70): BM024111.D (-2133) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.87 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

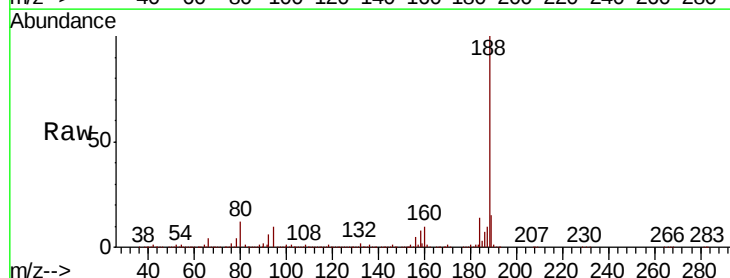
Tgt Ion: 188 Resp: 2328791

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

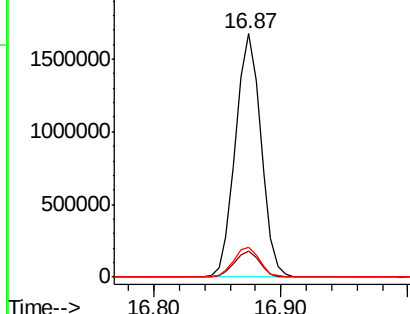
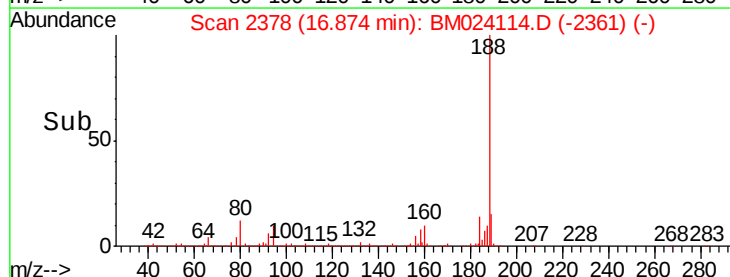
80 12.2 9.6 14.4

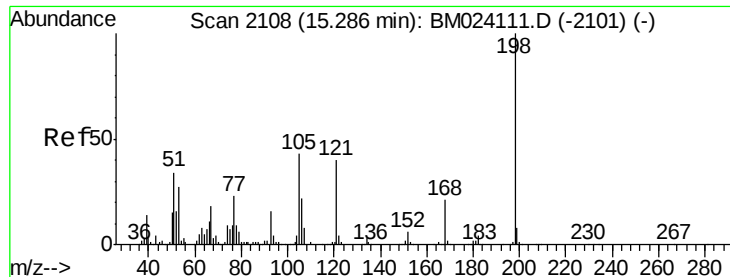


Abundance Ion 188.00 (187.70 to 188.70): BM024111.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM024111.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM024111.D (-2370) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 111.260 ng

RT: 15.29 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:198 Resp: 1213434

Ion Ratio Lower Upper

198 100

51 34.1 15.0 55.0

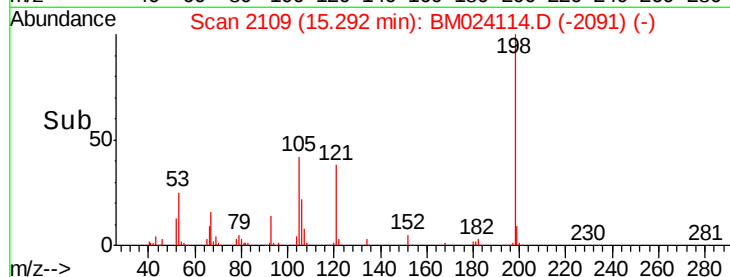
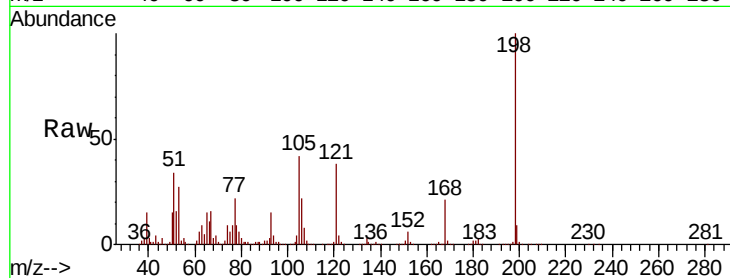
105 42.1 22.9 62.9

Manual Integrations

APPROVED

mohammad

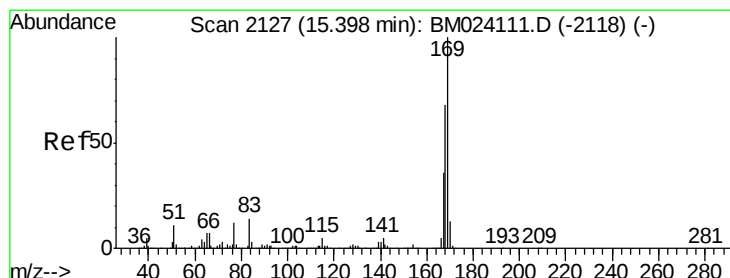
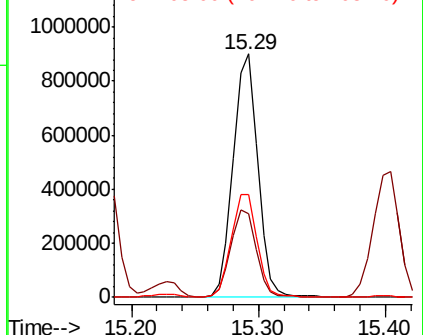
12/17/2019 3:20:23 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 83.297 ng

RT: 15.40 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

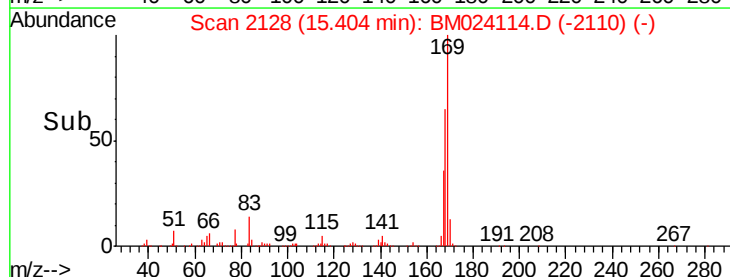
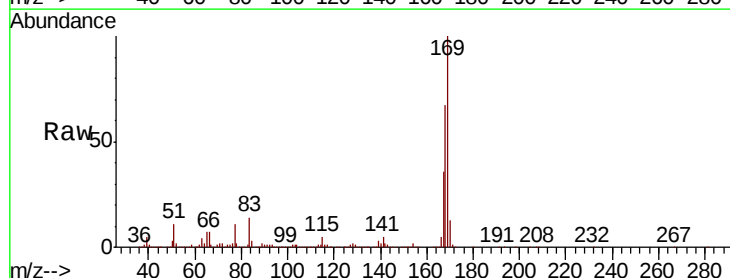
Tgt Ion:169 Resp: 5926095

Ion Ratio Lower Upper

169 100

168 67.2 54.0 81.0

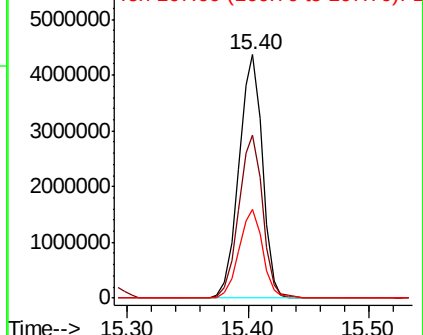
167 36.3 28.9 43.3

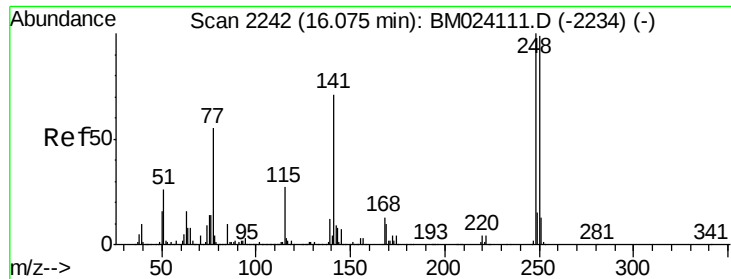


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





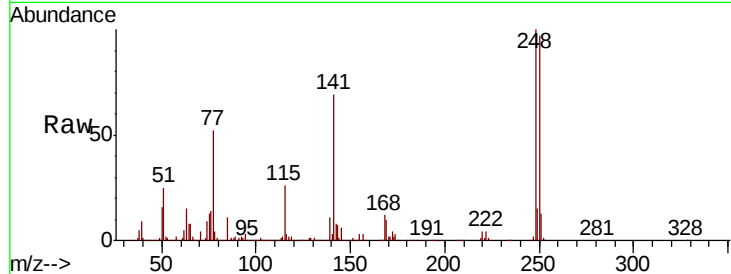
#67
4-Bromophenyl-phenylether
Concen: 88.051 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.1	118.7
141	69.3	56.8	85.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM

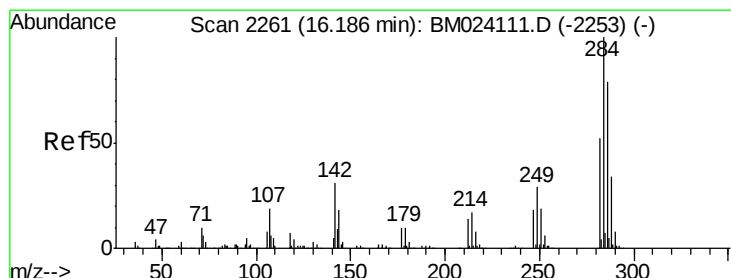
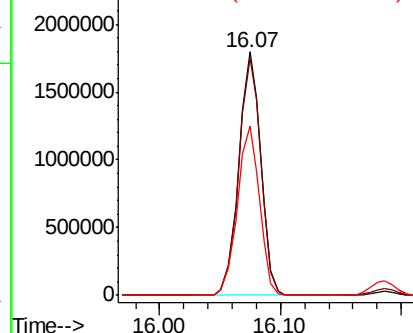
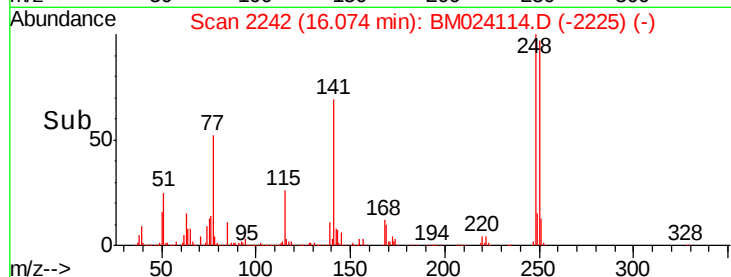


Abundance

Ion 248.00 (247.70 to 248.70): E

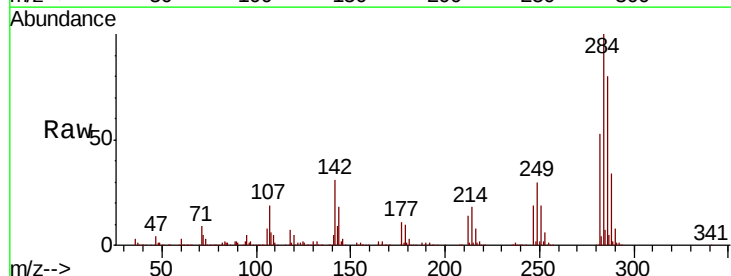
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 90.563 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	24.6	37.0
249	29.9	23.5	35.3

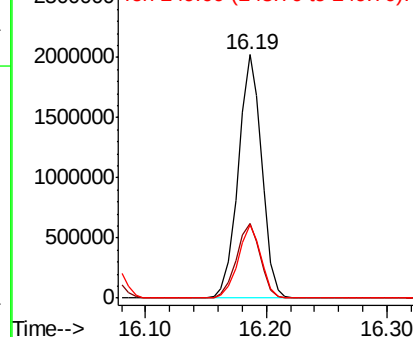
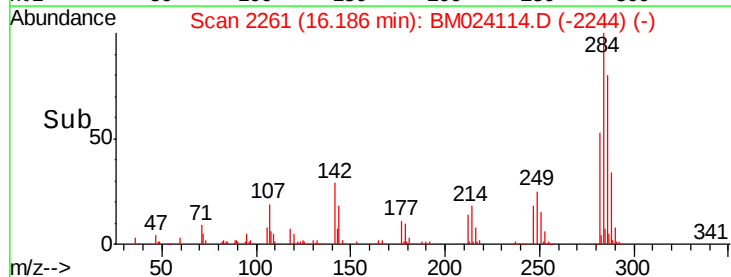


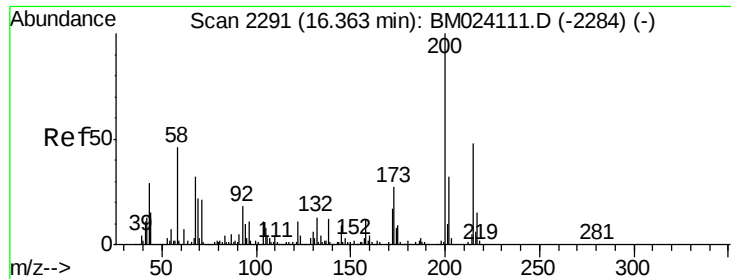
Abundance

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





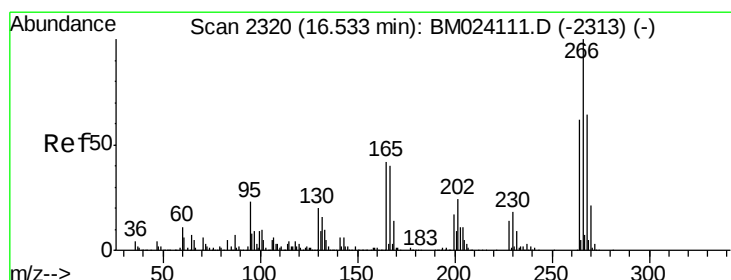
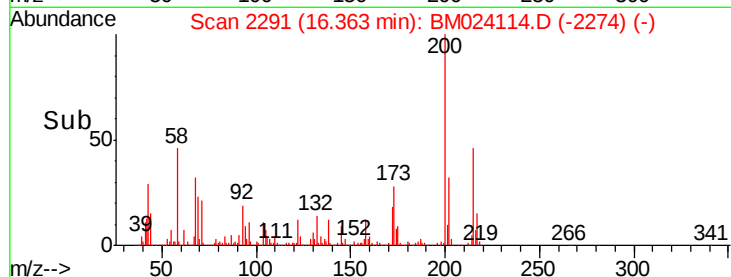
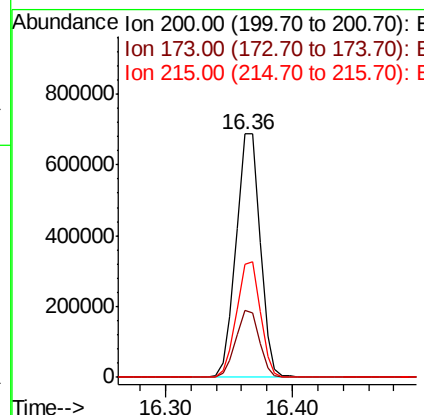
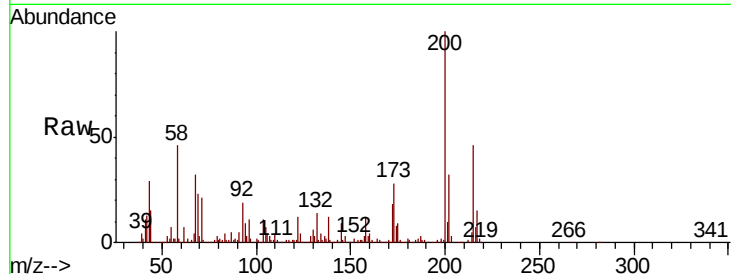
#69
Atrazine
Concen: 38.992 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	901791		
173	27.6	7.2	47.2	
215	46.5	27.9	67.9	

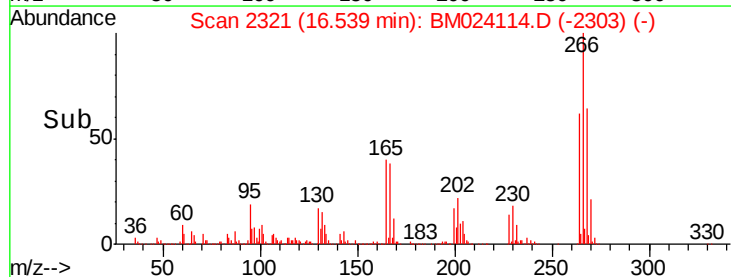
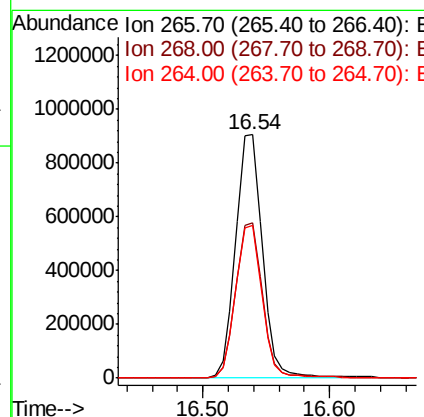
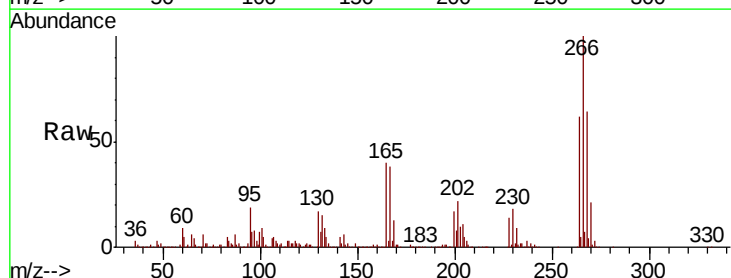
Manual Integrations
APPROVED

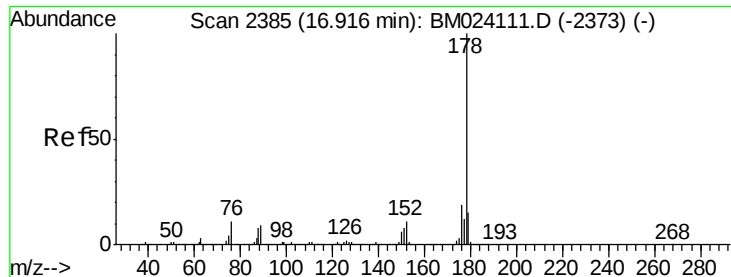
mohammad
12/17/2019 3:20:23 PM



#70
Pentachlorophenol
Concen: 82.016 ng
RT: 16.54 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1321204		
268	64.0	51.2	76.8	
264	62.5	49.6	74.4	





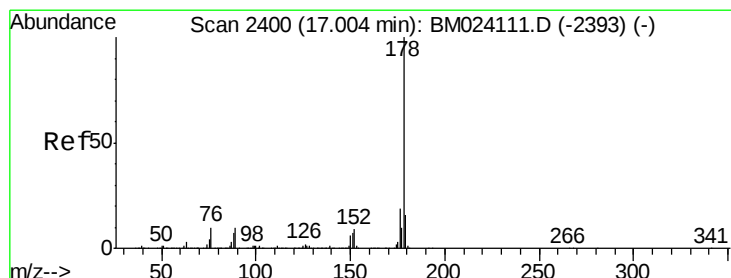
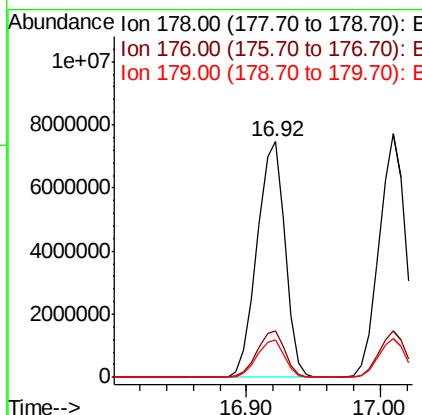
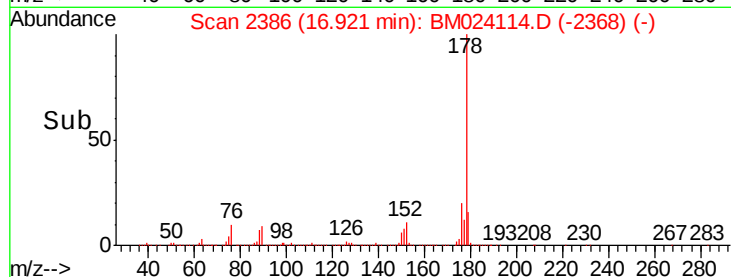
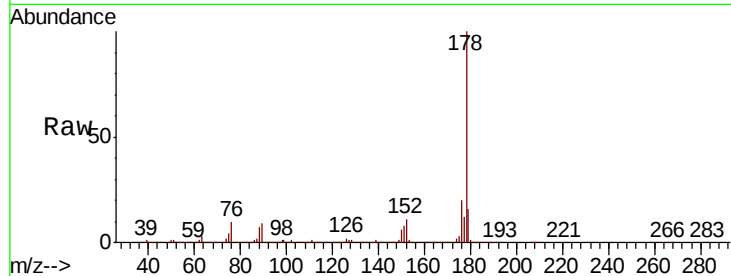
#71
Phenanthrene
Concen: 81.808 ng
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion:178 Resp:10749837
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.7 12.2 18.2

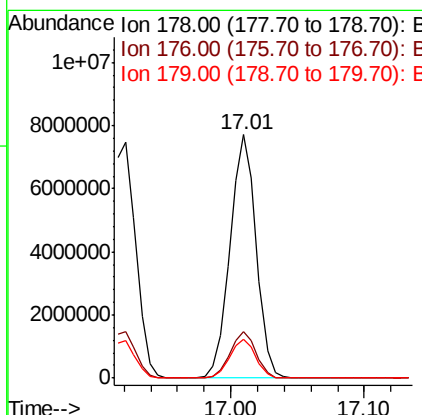
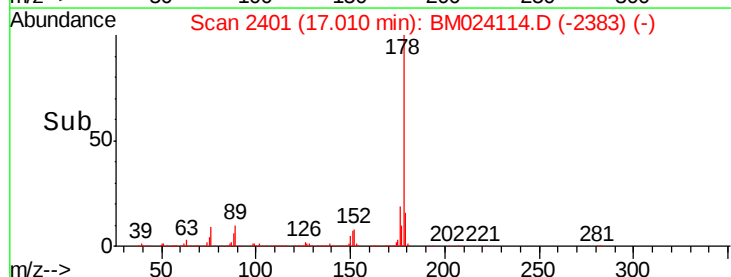
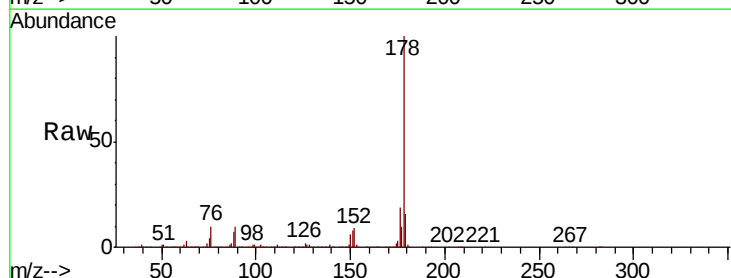
Manual Integrations
APPROVED

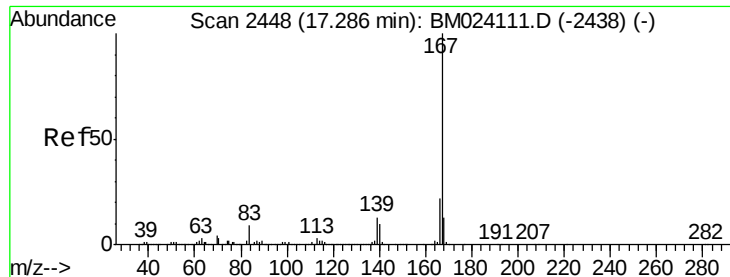
mohammad
12/17/2019 3:20:23 PM



#72
Anthracene
Concen: 82.543 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:178 Resp:10511957
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.9 12.5 18.7





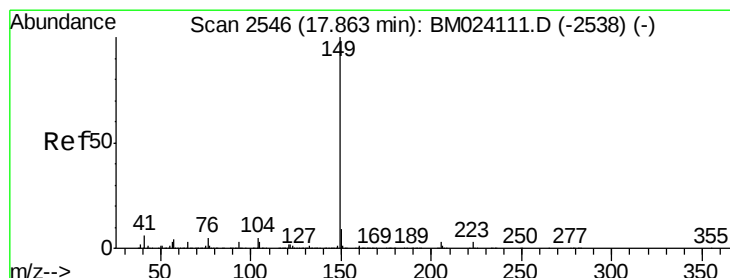
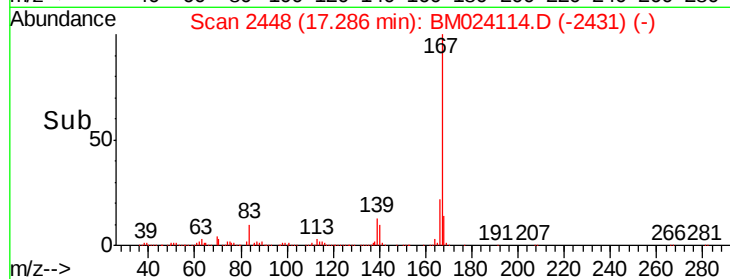
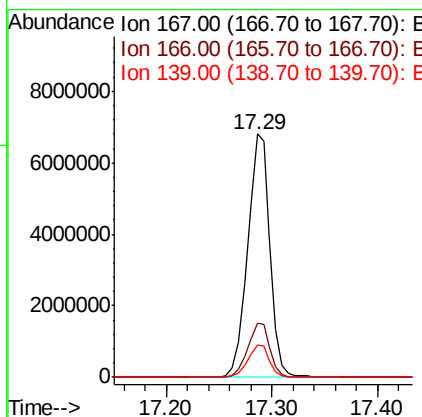
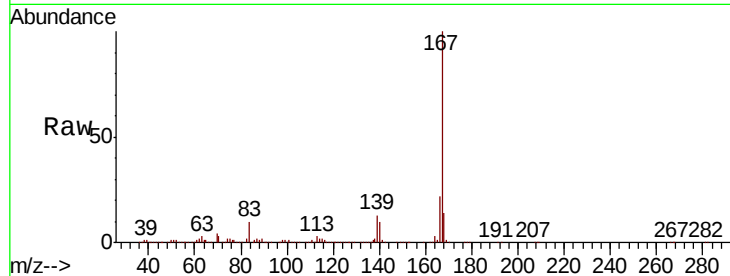
#73
 Carbazole
 Concen: 83.841 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.5	26.3
139	13.3	10.2	15.4

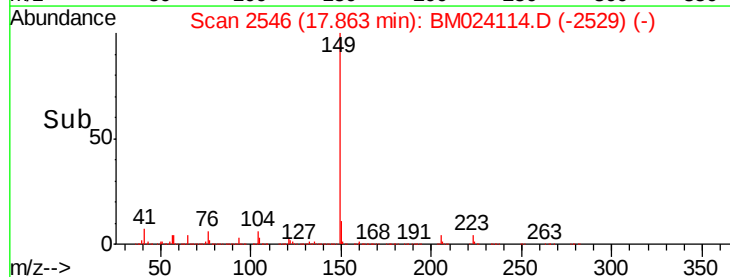
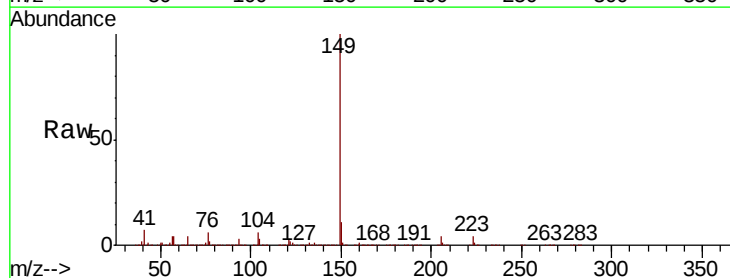
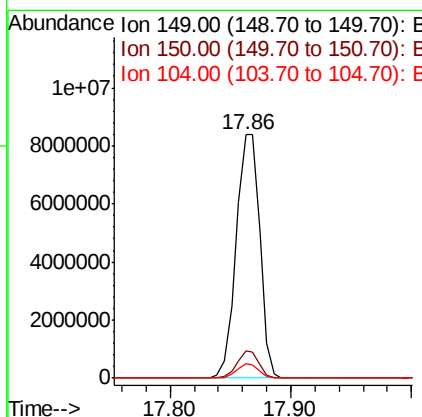
Manual Integrations
 APPROVED

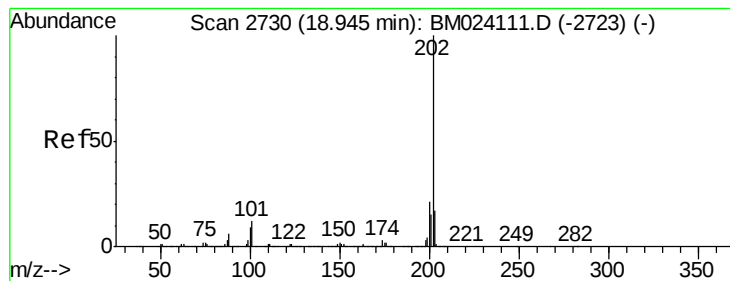
mohammad
 12/17/2019 3:20:23 PM



#74
 Di-n-butylphthalate
 Concen: 85.169 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.4	11.0
104	5.9	4.0	6.0





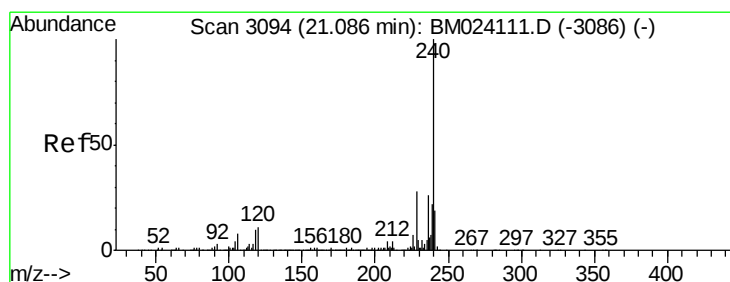
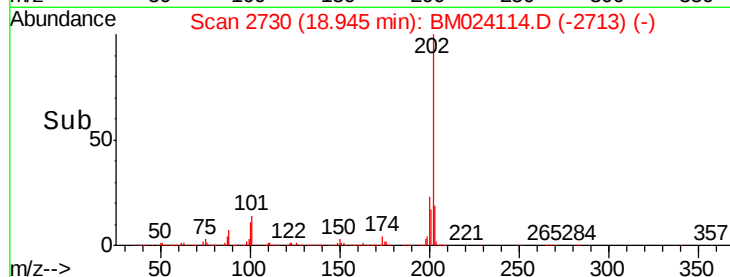
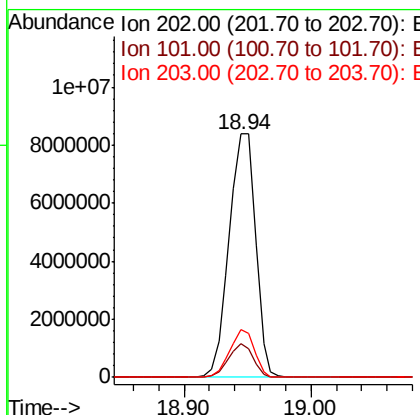
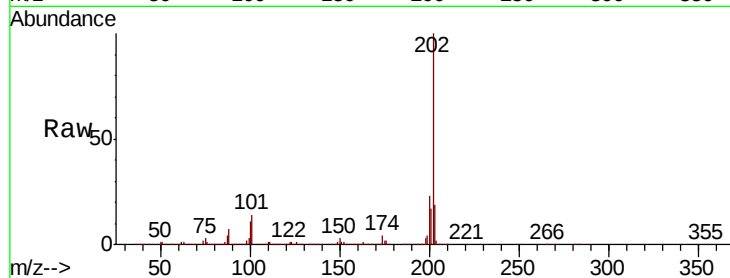
#75
 Fluoranthene
 Concen: 81.937 ng
 RT: 18.94 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	13.8	0.0	32.0	
203	19.5	0.0	37.5	

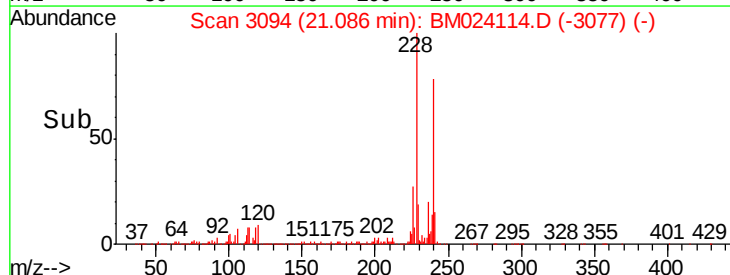
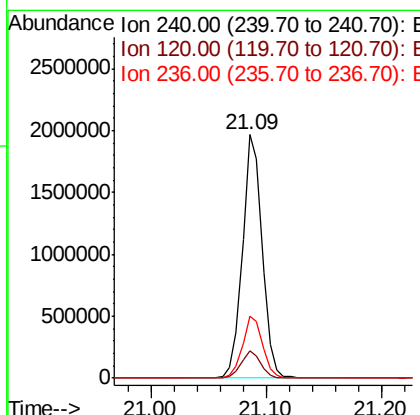
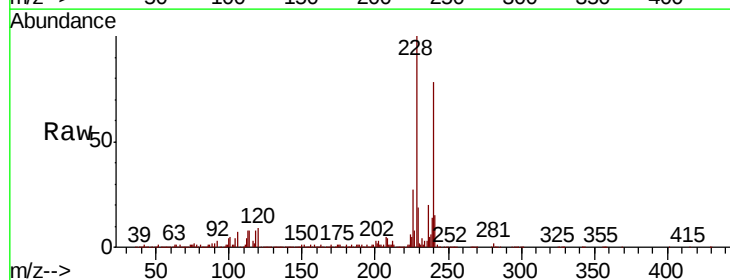
Manual Integrations
 APPROVED

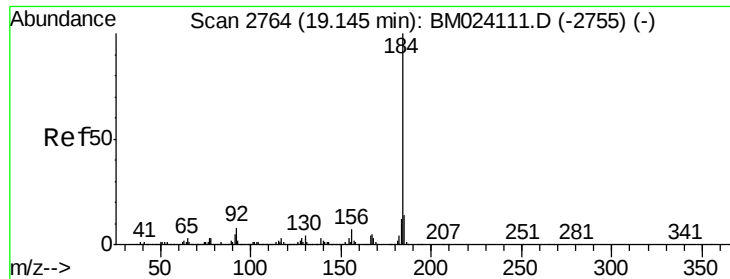
mohammad
 12/17/2019 3:20:23 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	11.3	8.6	13.0	
236	25.4	20.7	31.1	





#77

Benzidine

Concen: 43.727 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 2779002

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.4

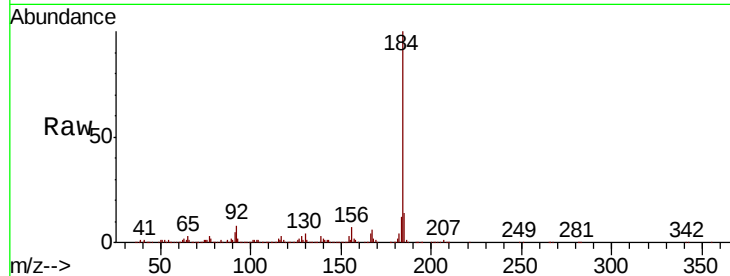
183 12.0 9.9 14.9

Manual Integrations

APPROVED

mohammad

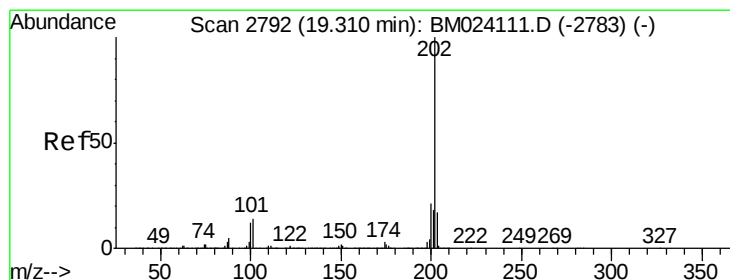
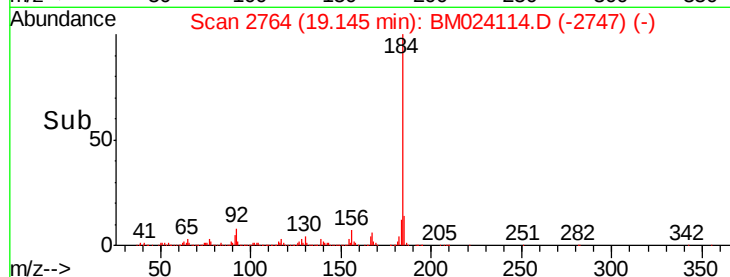
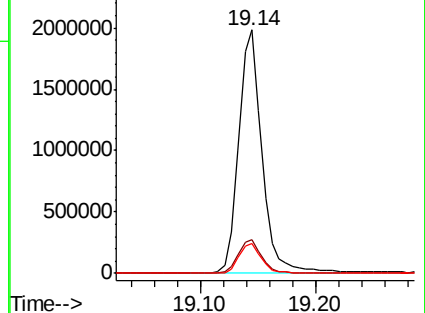
12/17/2019 3:20:23 PM



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: 80.762 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

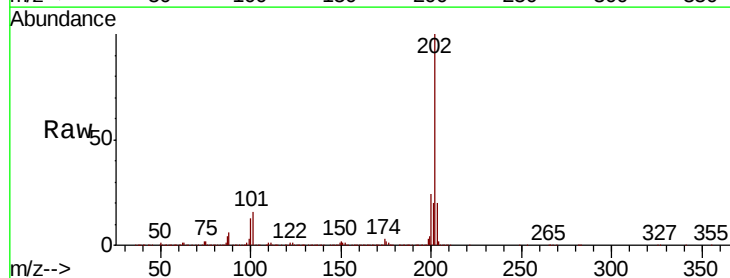
Tgt Ion:202 Resp:12261264

Ion Ratio Lower Upper

202 100

200 23.7 17.1 25.7

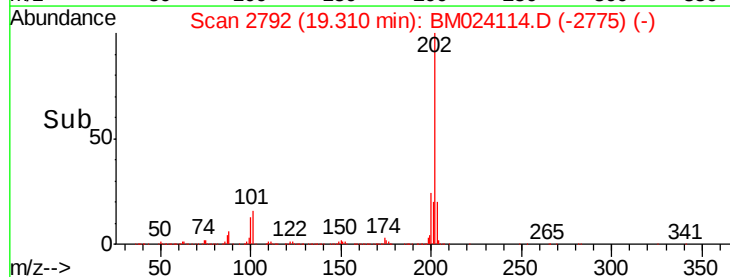
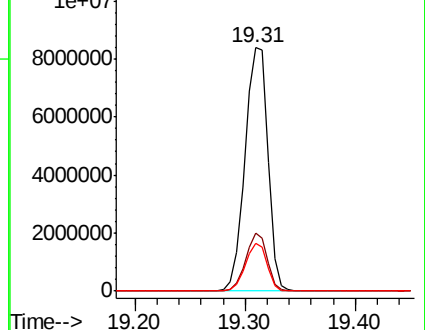
203 19.6 14.0 21.0

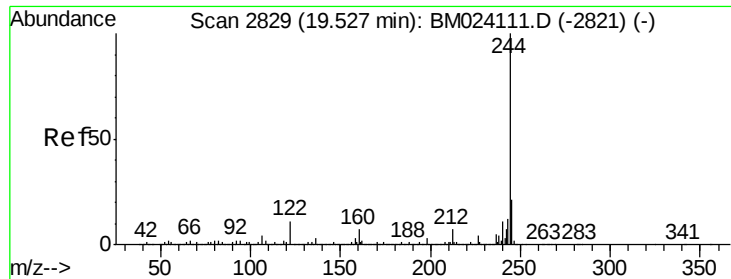


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 125.344 ng

RT: 19.52 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp:14995903

Ion Ratio Lower Upper

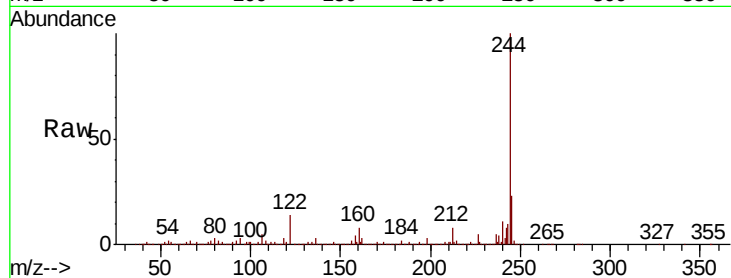
244 100

212 7.5 5.6 8.4

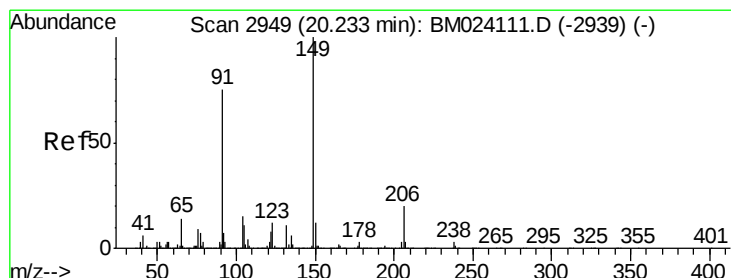
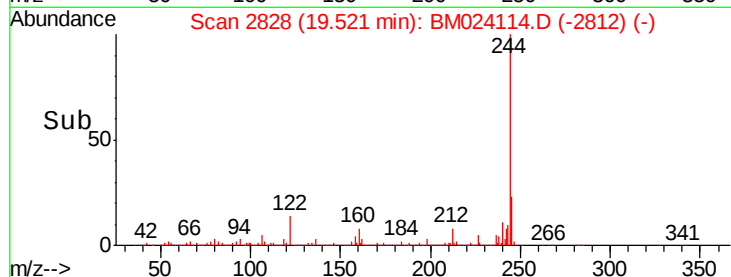
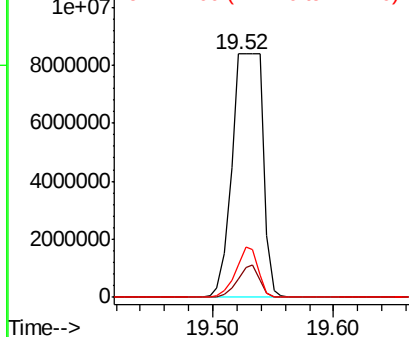
122 13.5 8.9 13.3#

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 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: 103.471 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

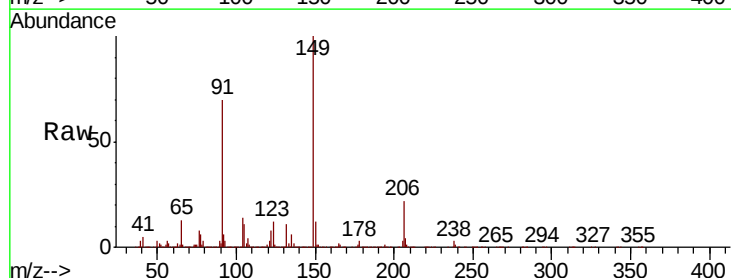
Tgt Ion:149 Resp: 5970221

Ion Ratio Lower Upper

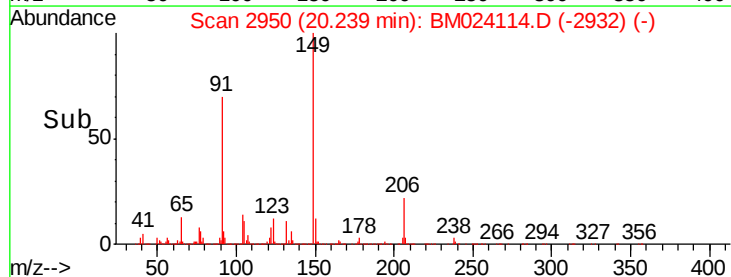
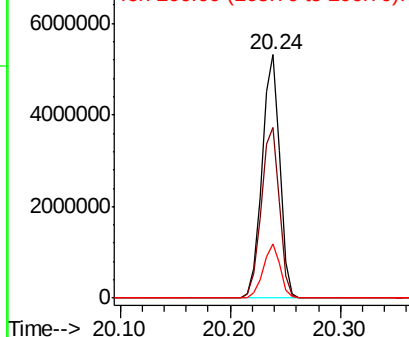
149 100

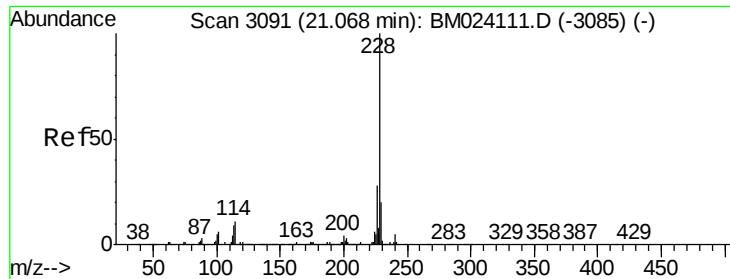
91 70.1 59.7 89.5

206 22.3 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





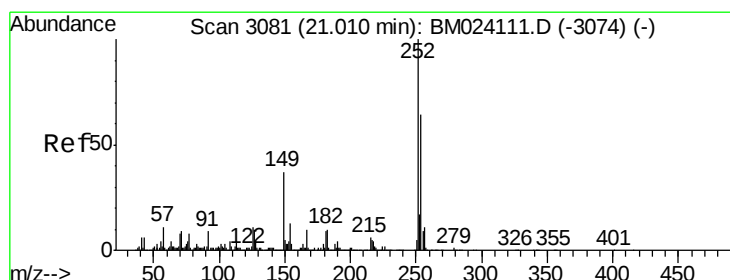
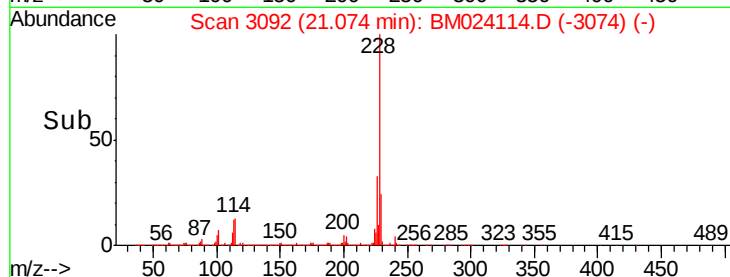
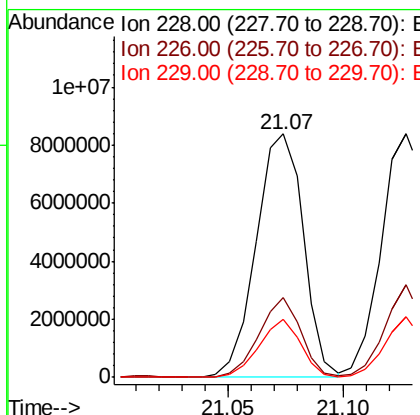
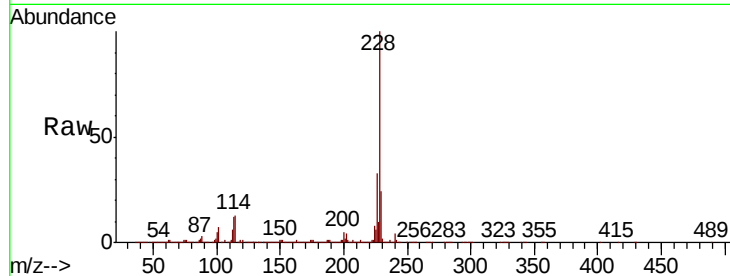
#81
Benzo(a)anthracene
Concen: 79.139 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion:228 Resp:11882292
Ion Ratio Lower Upper
228 100
226 32.7 22.1 33.1
229 24.0 16.1 24.1

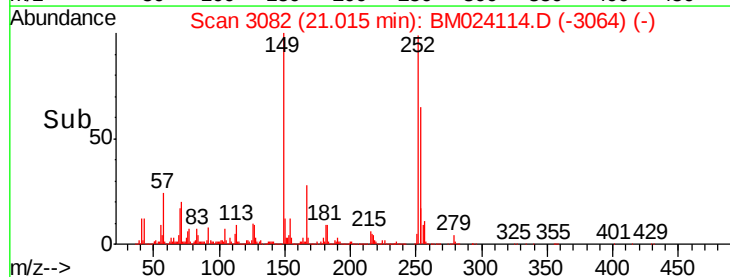
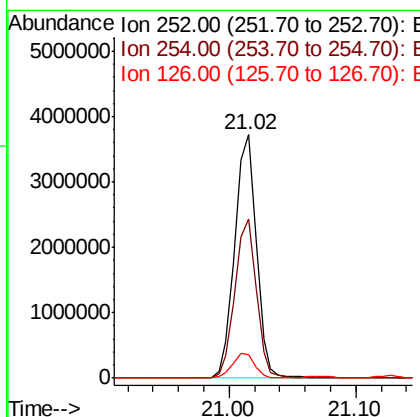
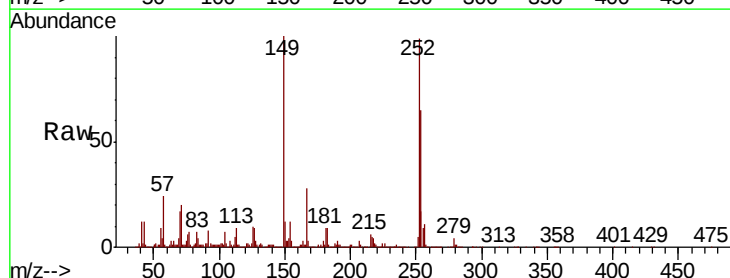
Manual Integrations
APPROVED

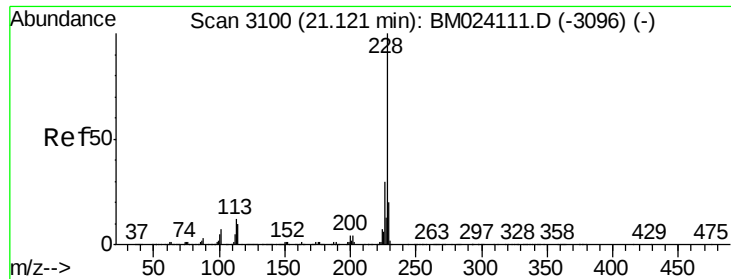
mohammad
12/17/2019 3:20:23 PM



#82
3,3'-Dichlorobenzidine
Concen: 82.468 ng
RT: 21.02 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:252 Resp: 4391114
Ion Ratio Lower Upper
252 100
254 65.4 51.3 76.9
126 9.8 8.6 13.0





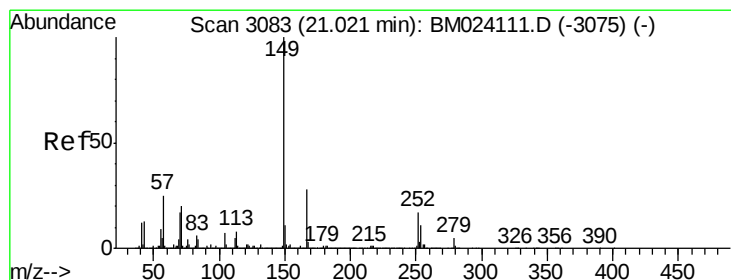
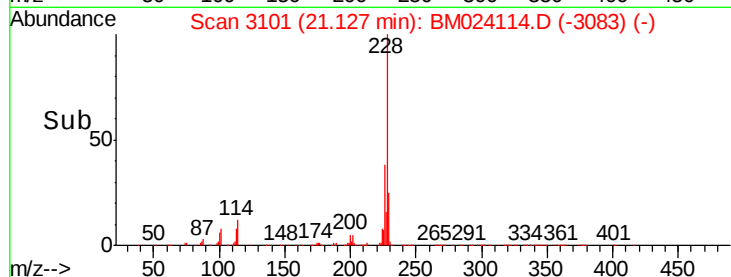
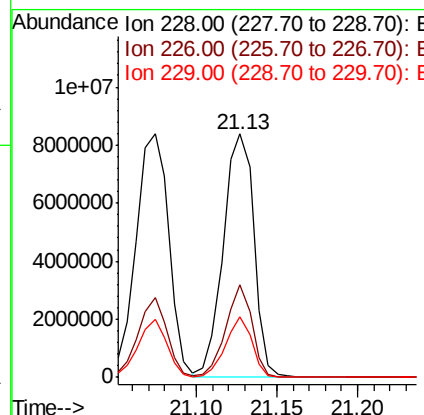
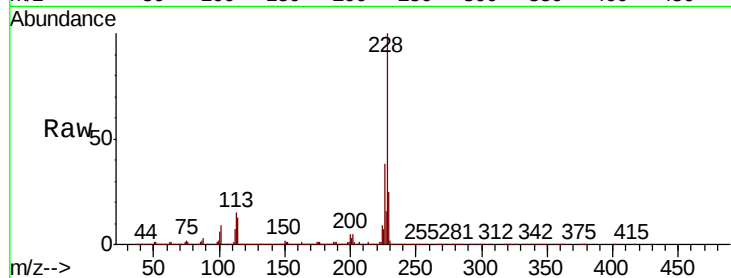
#83
 Chrvsene
 Concen: 77.209 ng/ml
 RT: 21.13 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp:11238649
 Ion Ratio Lower Upper
 228 100
 226 38.0 24.2 36.2#
 229 25.0 16.1 24.1#

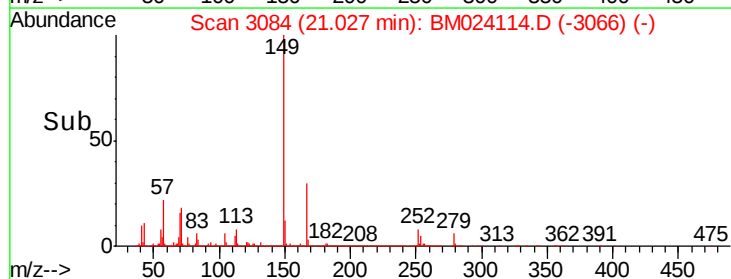
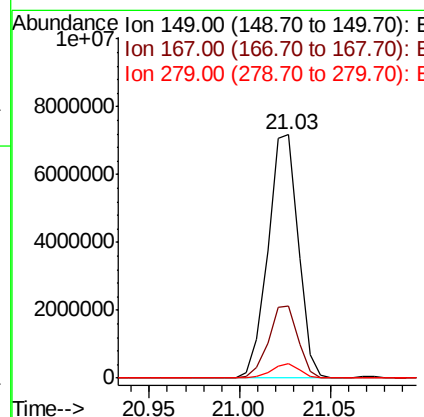
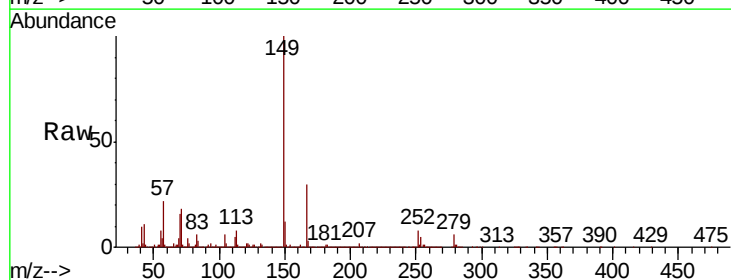
Manual Integrations
 APPROVED

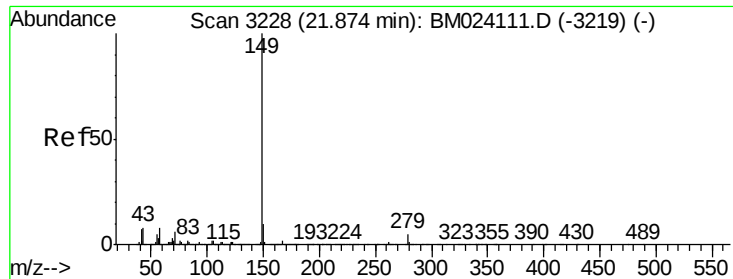
mohammad
 12/17/2019 3:20:23 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 97.696 ng
 RT: 21.03 min Scan# 3084
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion:149 Resp: 8352304
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.1 33.1
 279 6.2 3.9 5.9#





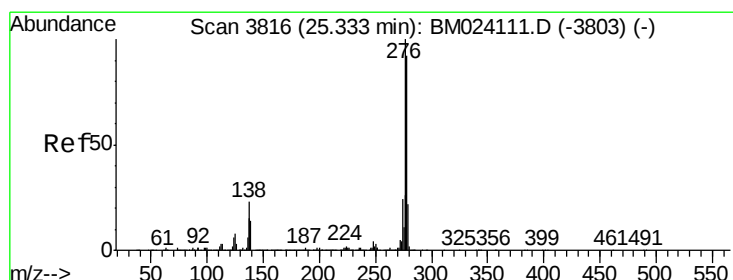
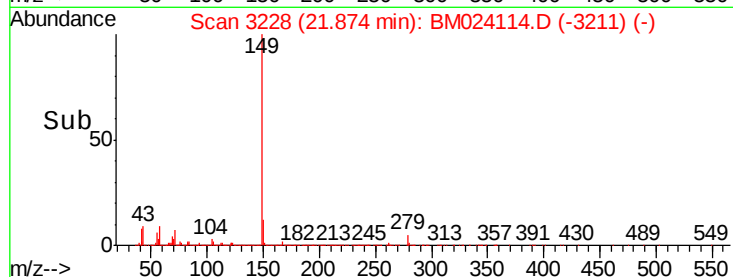
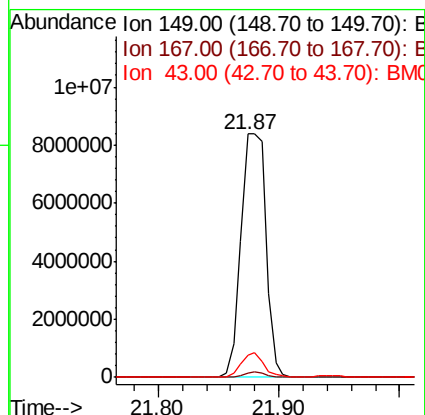
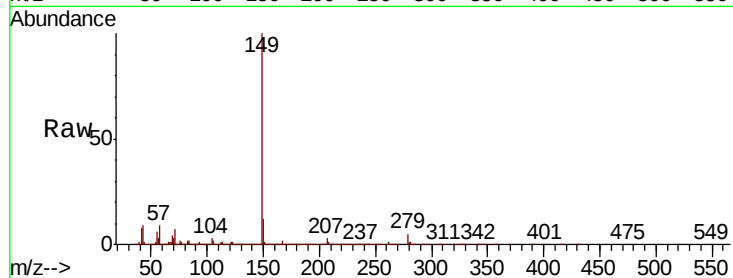
#85
Di-n-octyl phthalate
Concen: 89.222 ng
RT: 21.87 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.3	1.9
43	9.2	6.6	9.8

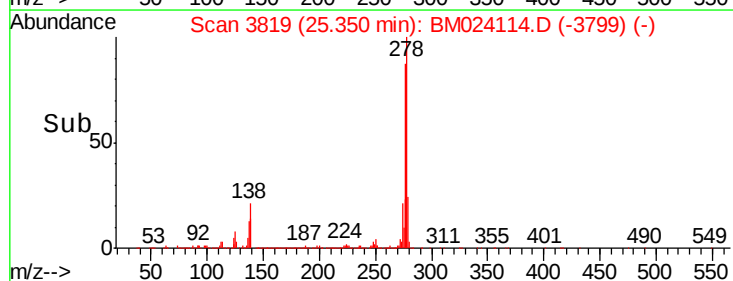
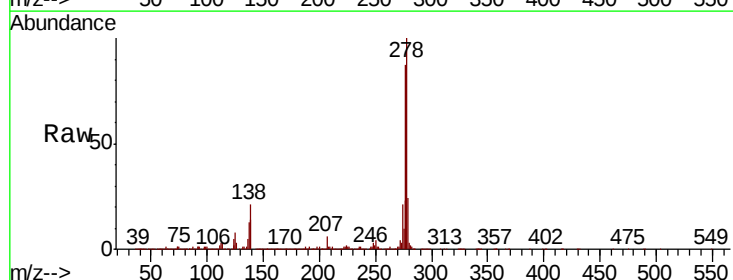
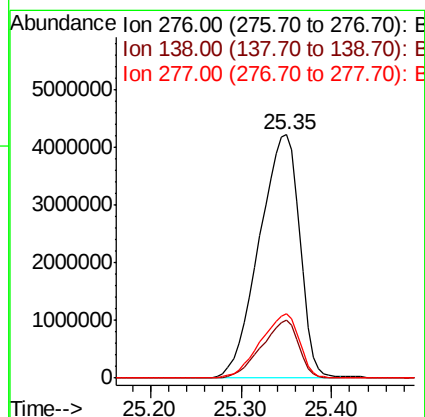
Manual Integrations
APPROVED

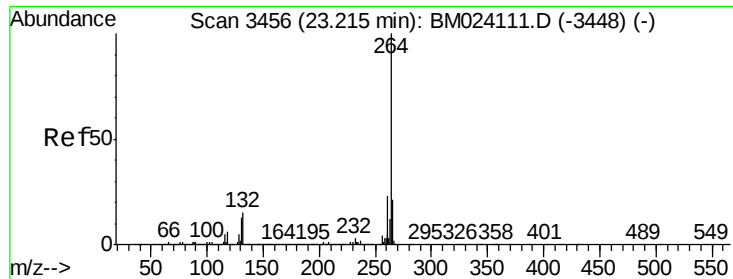
mohammad
12/17/2019 3:20:23 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 75.826 ng
RT: 25.35 min Scan# 3819
Delta R.T. 0.02 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	0.0	0.0#
277	25.5	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:264 Resp: 2527428

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

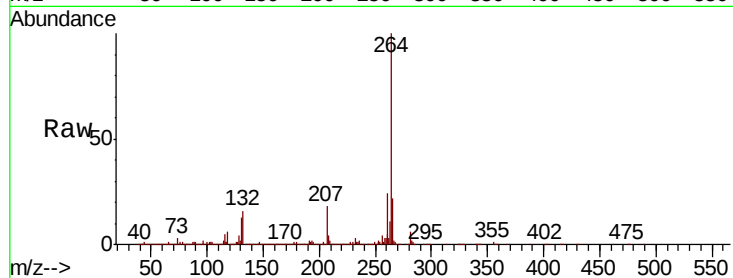
265 21.9 17.4 26.0

Manual Integrations

APPROVED

mohammad

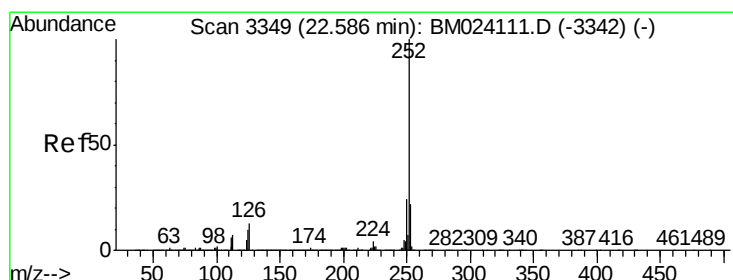
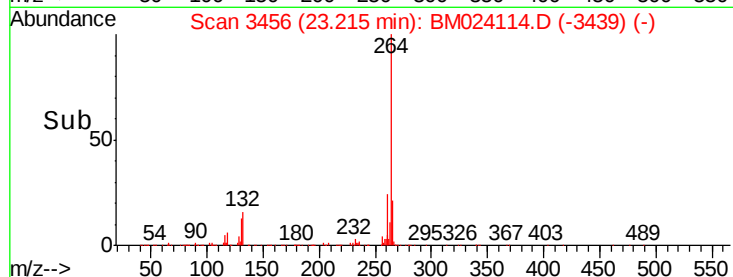
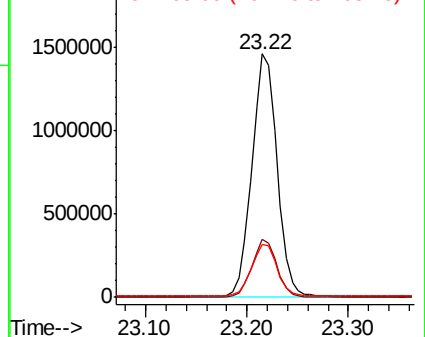
12/17/2019 3:20:23 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 87.748 ng

RT: 22.60 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:252 Resp:13427907

Ion Ratio Lower Upper

252 100

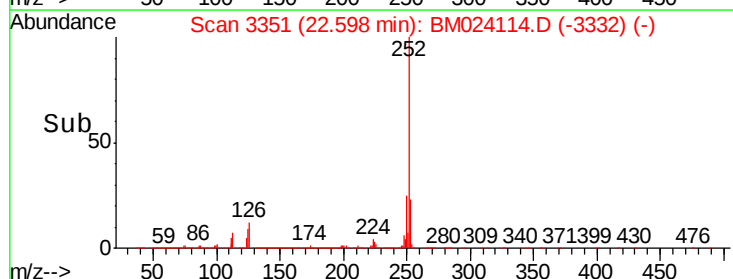
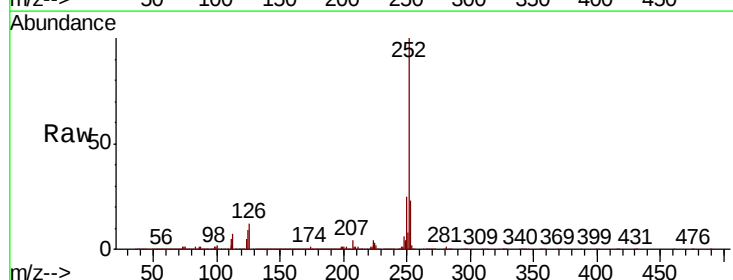
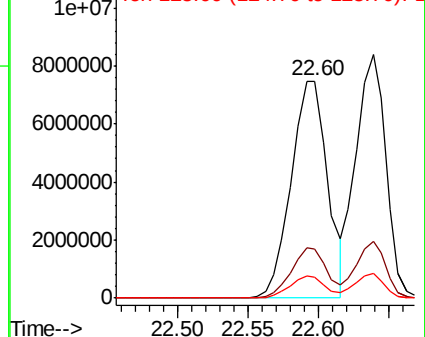
253 22.8 17.9 26.9

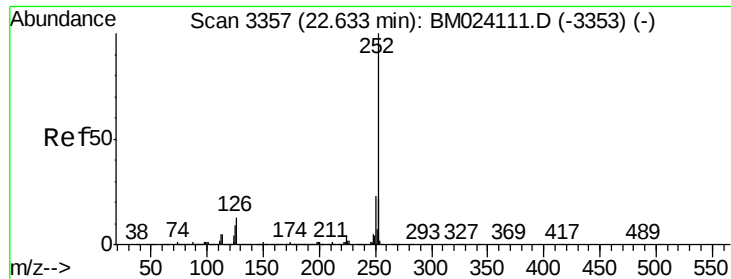
125 9.4 7.9 11.9

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





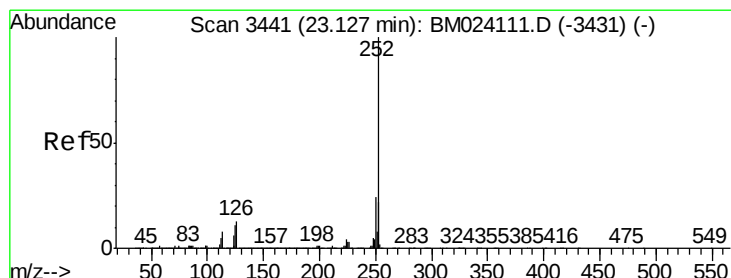
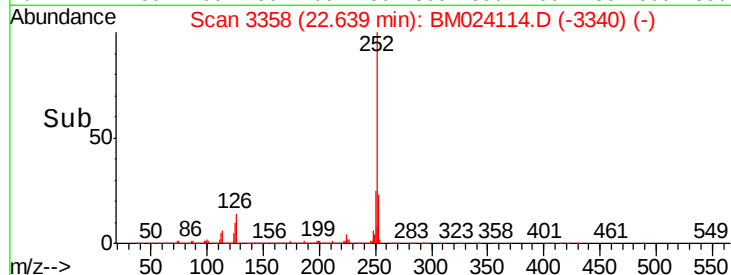
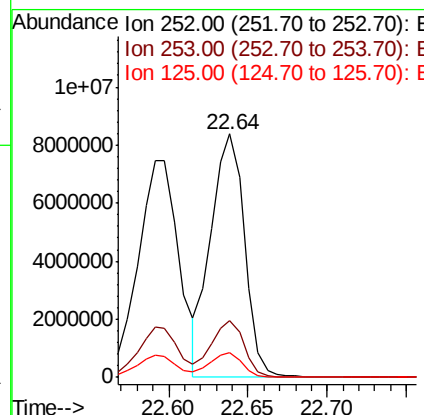
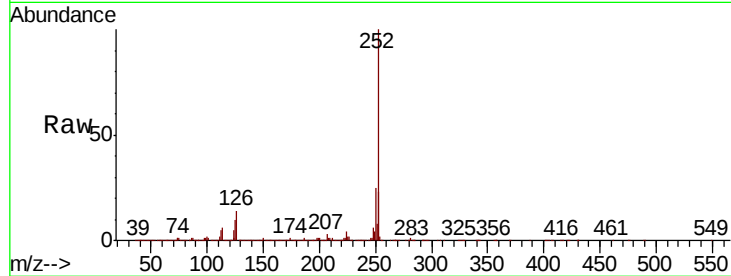
#89
Benzo(k)fluoranthene
Concen: 81.609 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion:252 Resp:12391412
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.1 7.3 10.9

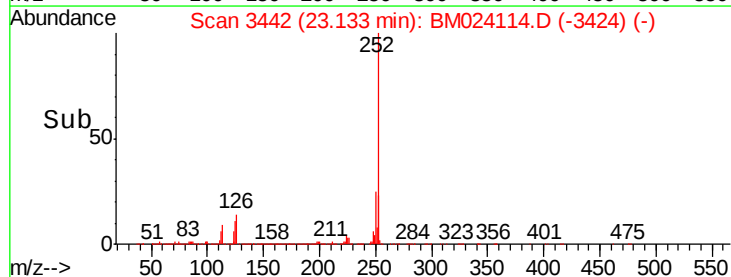
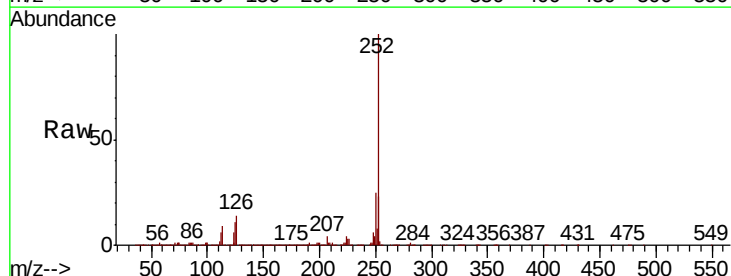
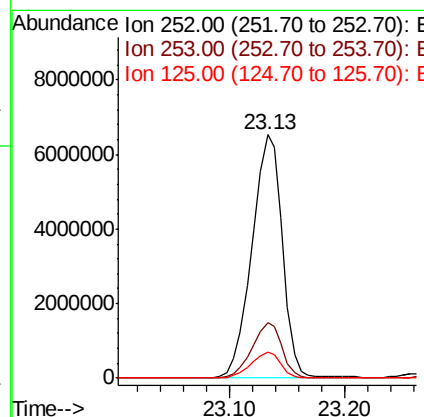
Manual Integrations
APPROVED

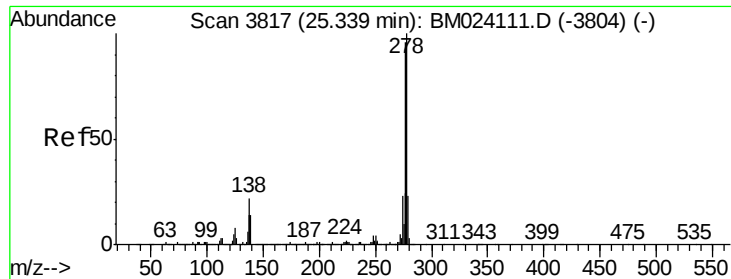
mohammad
12/17/2019 3:20:23 PM



#90
Benzo(a)pyrene
Concen: 85.006 ng
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:252 Resp:11986667
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.9 8.5 12.7





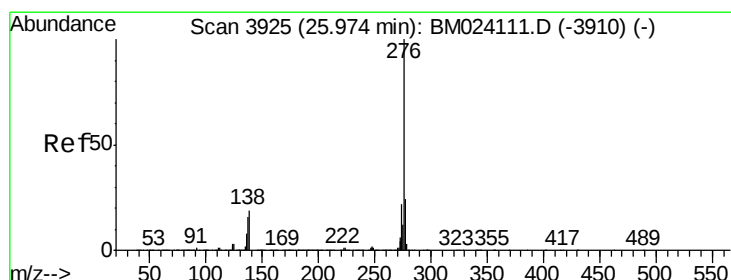
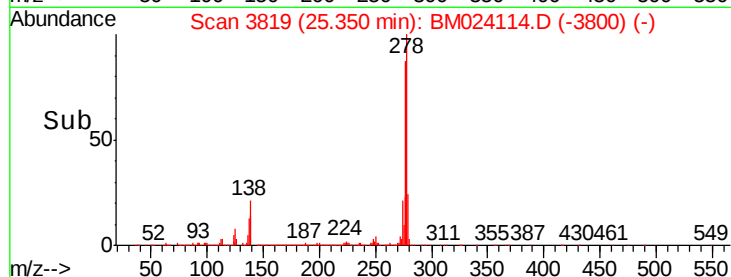
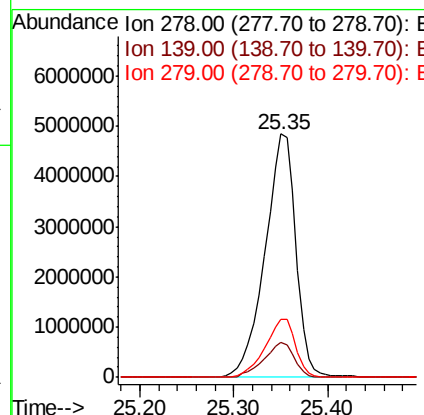
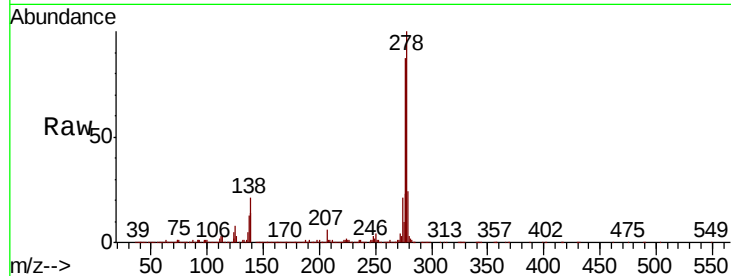
#91
Dibenzo(a,h)anthracene
Concen: 74.606 ng
RT: 25.35 min Scan# 3819
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:278 Resp:11004062
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 24.0 18.8 28.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:23 PM



#92
Benzo(g,h,i)perylene
Concen: 71.673 ng
RT: 25.99 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:276 Resp:10040882
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 18.8 15.4 23.0

