

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024112.D
 Acq On : 16 Dec 2019 17:21
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 18:02:20 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	7.45	152	375558	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1631163	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1073043	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2320269	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2350908	20.00	ng	0.00
87) Perylene-d12	23.22	264	2748986	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2137168	90.25	ng	0.00
7) Phenol-d6	6.66	99	3279979	107.84	ng	0.00
23) Nitrobenzene-d5	8.61	82	3512349	119.53	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1584241	118.27	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	7896775	101.34	ng	0.00
79) Terphenyl-d14	19.53	244	12037915	99.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	452389	47.478	ng	# 100
3) Pyridine	3.43	79	1222529	48.676	ng	99
4) n-Nitrosodimethylamine	3.35	42	430987	47.138	ng	99
6) Aniline	6.80	93	2107870	57.799	ng	99
8) 2-Chlorophenol	7.03	128	1264388	52.406	ng	98
9) Benzaldehyde	6.61	77	766547	44.263	ng	97
10) Phenol	6.68	94	1702615	59.462	ng	98
11) bis(2-Chloroethyl)ether	6.90	93	1318727	58.619	ng	99
12) 1,3-Dichlorobenzene	7.35	146	1424539	49.401	ng	99
13) 1,4-Dichlorobenzene	7.49	146	1448350	49.613	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1412963	50.768	ng	99
15) Benzyl Alcohol	7.71	79	1300259	68.322	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1613152	49.363	ng	100
17) 2-Methylphenol	7.92	107	1147753	60.558	ng	99
18) Hexachloroethane	8.52	117	544695	50.872	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	1222622	71.987	ng	98
20) 3+4-Methylphenols	8.25	107	1607921	63.695	ng	99
22) Acetophenone	8.28	105	2251240	55.912	ng	# 99
24) Nitrobenzene	8.65	77	1716587	61.055	ng	99
25) Isophorone	9.18	82	3180312	65.823	ng	99
26) 2-Nitrophenol	9.36	139	759083	62.541	ng	99
27) 2,4-Dimethylphenol	9.43	122	1093548	53.818	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	2013503	60.223	ng	99
29) 2,4-Dichlorophenol	9.89	162	1310953	57.065	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	1465866	51.863	ng	99
31) Naphthalene	10.27	128	4355280	54.038	ng	99
32) Benzoic acid	9.63	122	952070	72.801	ng	98
33) 4-Chloroaniline	10.40	127	1950702	55.745	ng	99
34) Hexachlorobutadiene	10.56	225	837026	49.679	ng	100
35) Caprolactam	11.22	113	494141m	72.555	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1550387	69.173	ng	99
37) 2-Methylnaphthalene	11.90	142	3246584	57.870	ng	99
38) 1-Methylnaphthalene	12.13	142	3102030	58.251	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1617217	44.479	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024112.D
 Acq On : 16 Dec 2019 17:21
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 18:02:20 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	621317	31.320	nq	99
43) 2,4,6-Trichlorophenol	12.54	196	1120028	53.373	nq	99
44) 2,4,5-Trichlorophenol	12.61	196	1146002	52.405	nq	98
46) 1,1'-Biphenyl	12.94	154	4343137	48.904	nq	100
47) 2-Chloronaphthalene	12.98	162	3429235	51.807	nq	100
48) 2-Nitroaniline	13.20	65	1172315	68.014	nq	96
49) Acenaphthylene	13.83	152	5351711	54.597	nq	100
50) Dimethylphthalate	13.60	163	4426593	57.083	nq	100
51) 2,6-Dinitrotoluene	13.72	165	961994	59.307	nq	95
52) Acenaphthene	14.19	154	3266416	50.936	nq	99
53) 3-Nitroaniline	14.05	138	1078349	57.747	nq	97
54) 2,4-Dinitrophenol	14.26	184	545514	71.228	nq	99
55) Dibenzofuran	14.52	168	5113780	54.622	nq	99
56) 4-Nitrophenol	14.37	139	811299	56.525	nq	99
57) 2,4-Dinitrotoluene	14.52	165	1388969	65.363	nq	98
58) Fluorene	15.17	166	4274736	56.189	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1044737	54.779	nq	100
60) Diethylphthalate	14.97	149	4495740	59.624	nq	99
61) 4-Chlorophenyl-phenylether	15.18	204	2129953	54.488	nq	100
62) 4-Nitroaniline	15.22	138	1091431	55.749	nq	99
63) Azobenzene	15.47	77	4373046	64.223	nq	100
65) 4,6-Dinitro-2-methylphenol	15.29	198	718553	66.126	nq	98
66) n-Nitrosodiphenylamine	15.40	169	3684739	51.983	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	1385654	53.693	nq	98
68) Hexachlorobenzene	16.19	284	1676164	55.694	nq	100
69) Atrazine	16.36	200	836448	36.299	nq	98
70) Pentachlorophenol	16.53	266	826385	51.488	nq	99
71) Phenanthrene	16.92	178	6795978	51.908	nq	100
72) Anthracene	17.01	178	6636083	52.300	nq	99
73) Carbazole	17.29	167	6263725	53.049	nq	100
74) Di-n-butylphthalate	17.86	149	7733227	57.761	nq	100
75) Fluoranthene	18.94	202	7829616	52.997	nq	99
77) Benzidine	19.14	184	1951890	30.265	nq	99
78) Pyrene	19.31	202	8018100	52.043	nq	100
80) Butylbenzylphthalate	20.24	149	3736157	63.808	nq	95
81) Benzo(a)anthracene	21.07	228	7967692	52.293	nq	100
82) 3,3'-Dichlorobenzidine	21.01	252	2892760	53.536	nq	99
83) Chrysene	21.12	228	7588379	51.372	nq	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	5284478	60.911	nq	99
85) Di-n-octyl phthalate	21.88	149	8824760	63.822	nq	100
86) Indeno(1,2,3-cd)pyrene	25.34	276	9600229	54.452	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	8729776	52.449	nq	99
89) Benzo(k)fluoranthene	22.63	252	8440472	51.108	nq	99
90) Benzo(a)pyrene	23.13	252	8072321	52.633	nq	99
91) Dibenzo(a,h)anthracene	25.34	278	7984141	49.768	nq	99
92) Benzo(g,h,i)perylene	25.98	276	7451799	48.905	nq	99

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

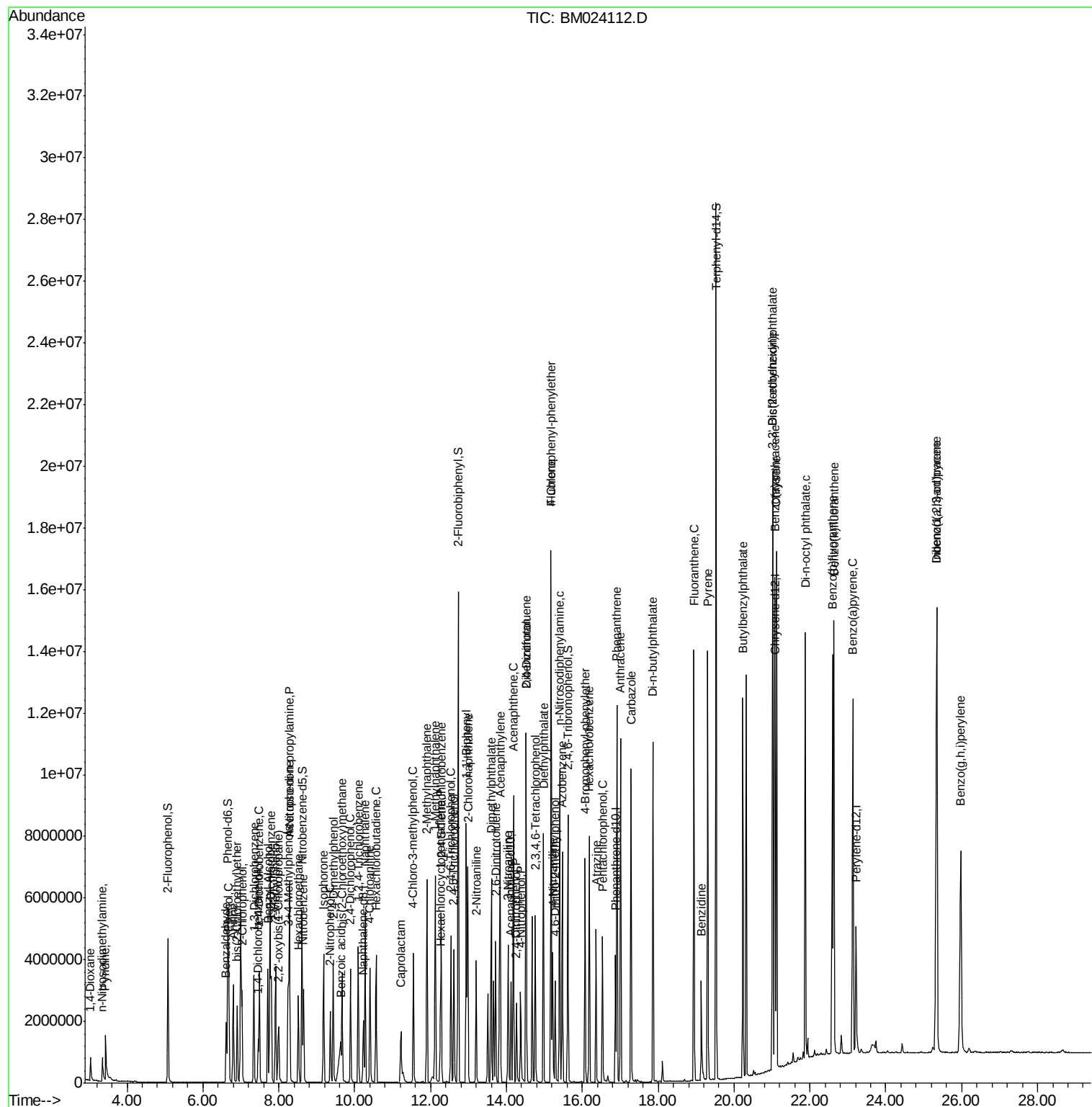
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024112.D
Acq On : 16 Dec 2019 17:21
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

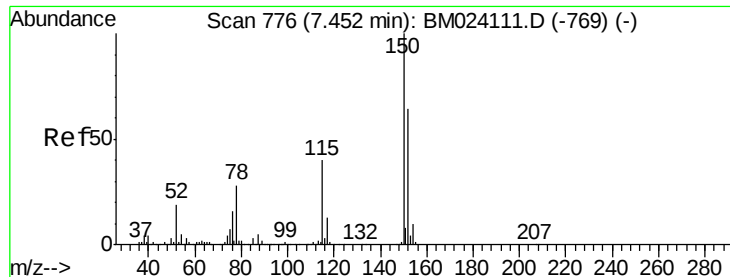
Instrument :
BNA_M
ClientSampleID :
SSTDICC050

Manual Integrations
APPROVED

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

Quant Time: Dec 16 18:02:20 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

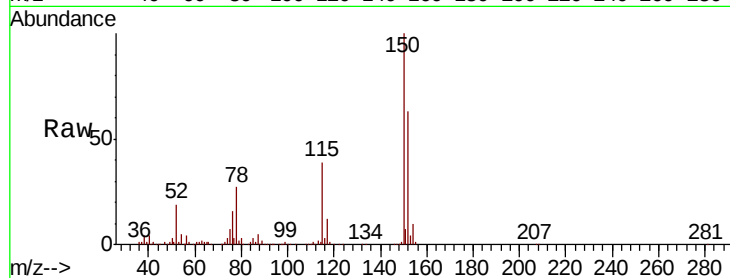
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.0	187.6
115	61.5	49.8	74.6

Manual Integrations
APPROVED

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

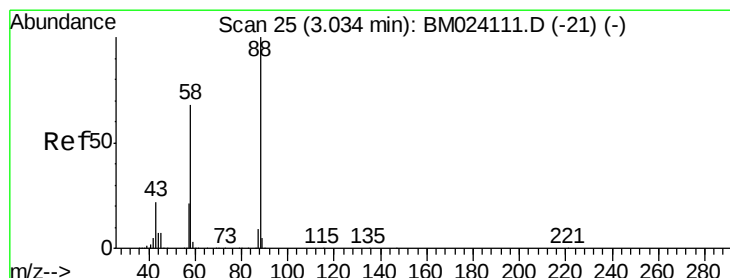
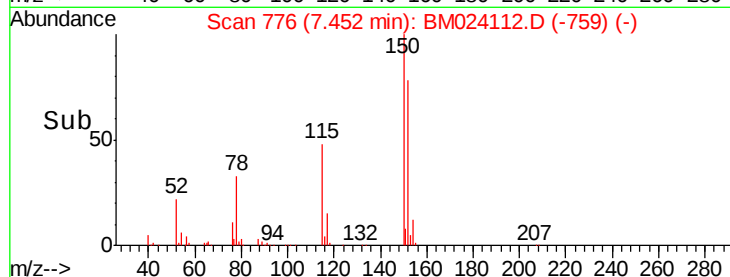
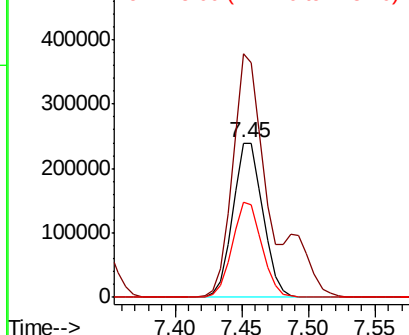


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

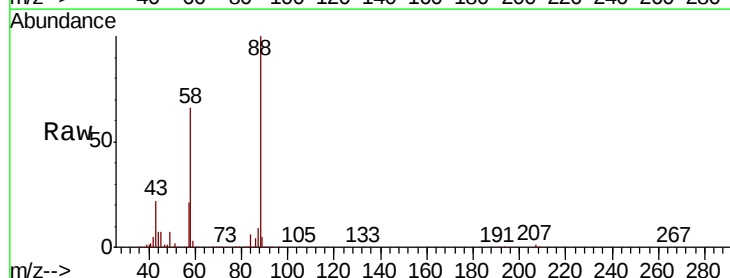
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.478 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	0.0	0.0#
43	22.9	0.0	0.0#

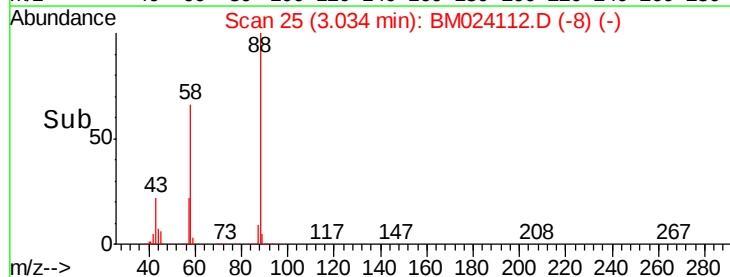
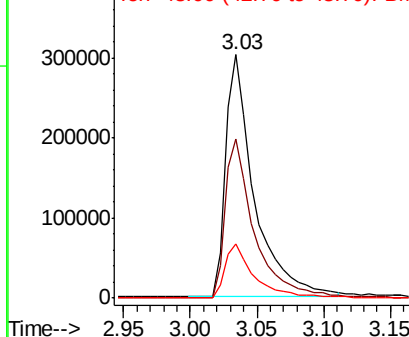


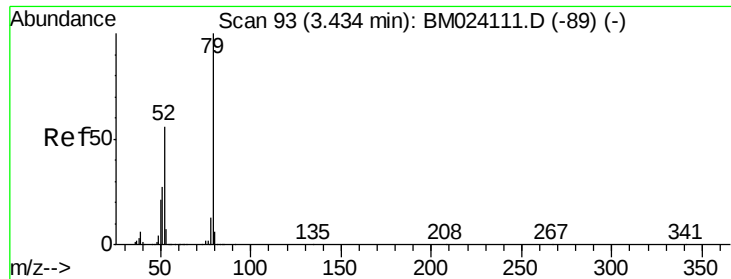
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





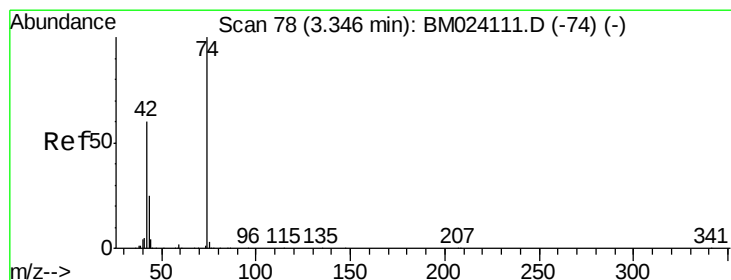
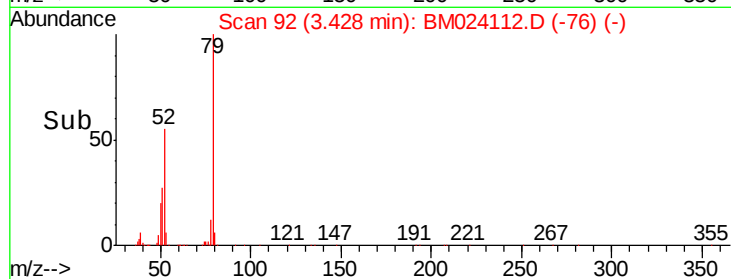
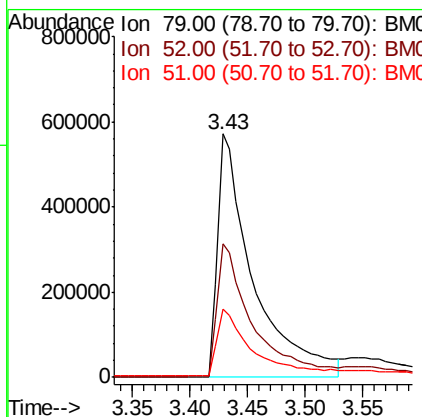
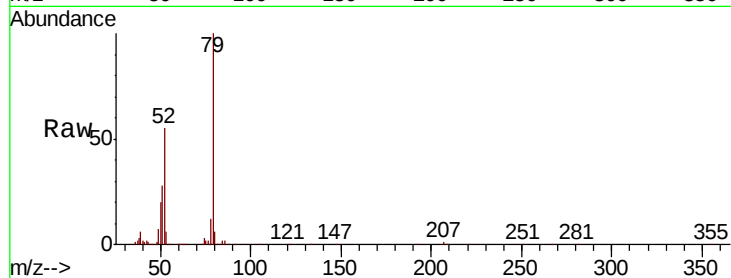
#3
 Pvridine
 Concen: 48.676 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.0	44.5	66.7
51	28.2	22.6	33.8

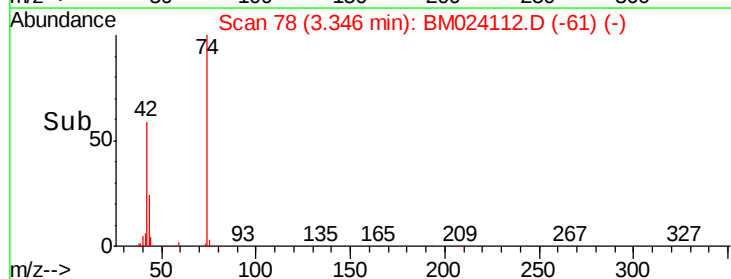
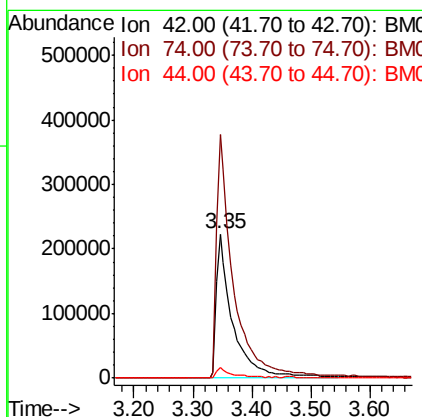
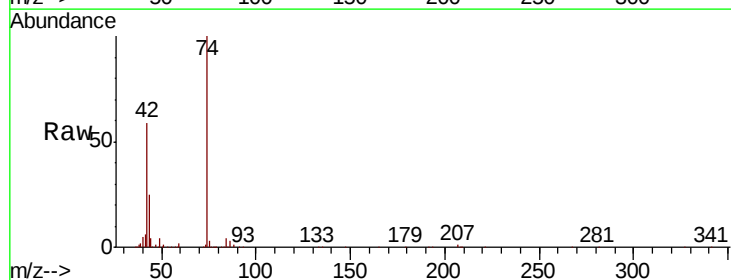
Manual Integrations
 APPROVED

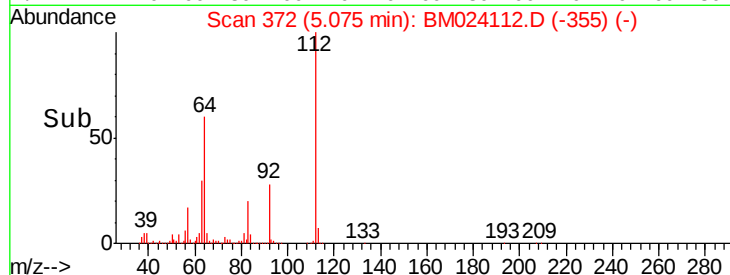
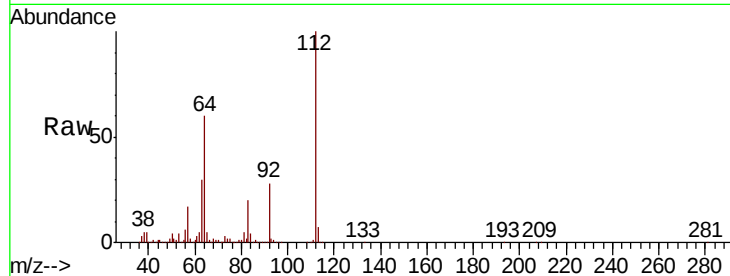
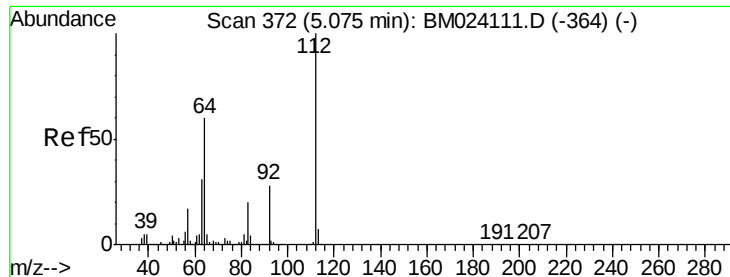
mohammad
 12/17/2019 3:20:17 PM



#4
 n-Nitrosodimethylamine
 Concen: 47.138 ng
 RT: 3.35 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.0	133.6	200.4
44	7.1	5.4	8.0





#5

2-Fluorophenol

Concen: 90.252 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tot Ion:	112	Resp:	2137168
Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.4	72.6
63	29.5	24.4	36.6

Instrument :

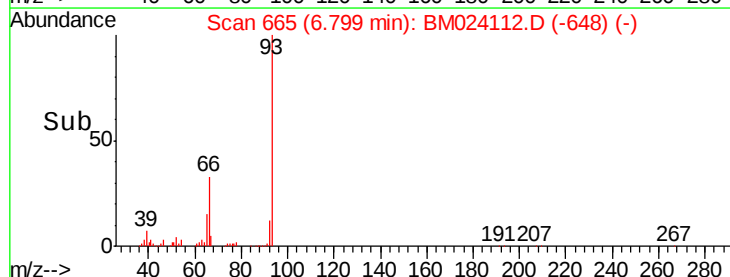
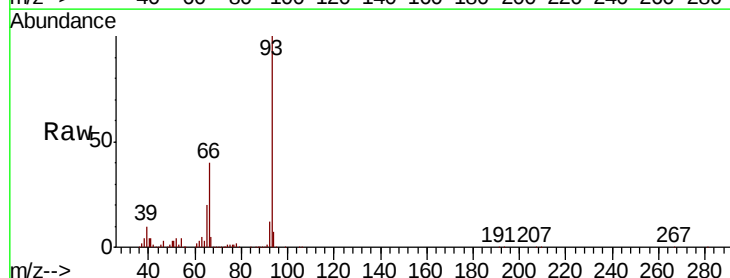
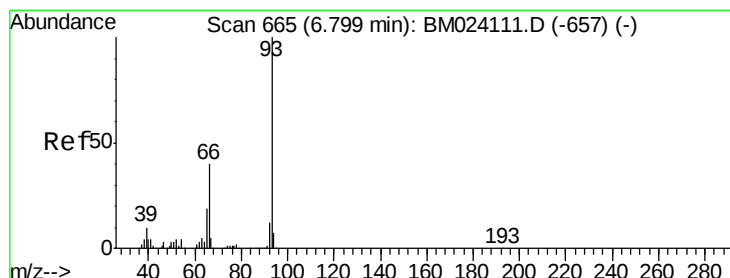
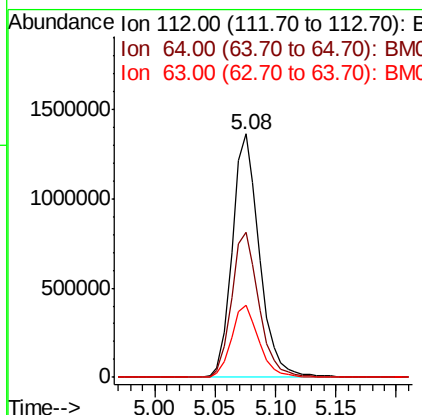
BNA_M

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

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



#6

Aniline

Concen: 57.799 ng

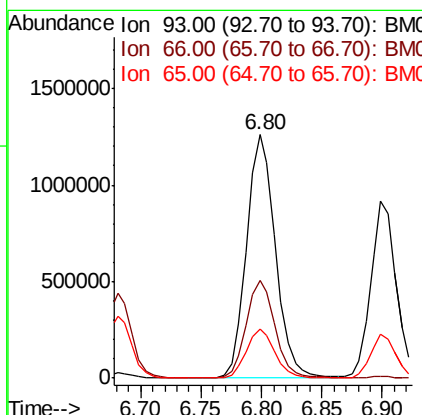
RT: 6.80 min Scan# 665

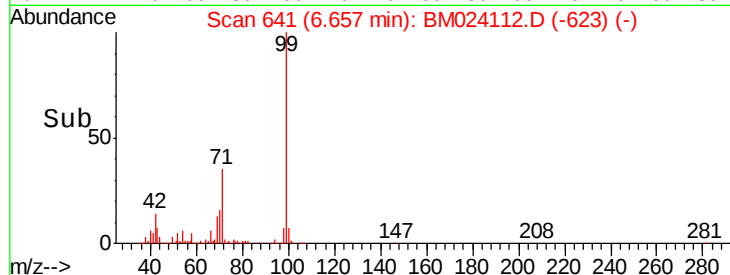
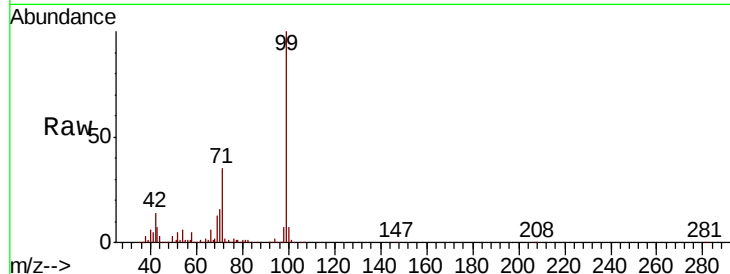
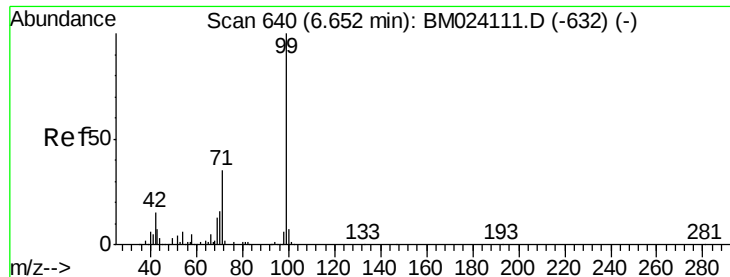
Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:	93	Resp:	2107870
Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.0	48.0
65	20.0	15.4	23.0





#7

Phenol-d6

Concen: 107.843 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tot Ion: 99 Resp: 3279979

Ion Ratio Lower Upper

99 100

42 14.3 11.9 17.9

71 35.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

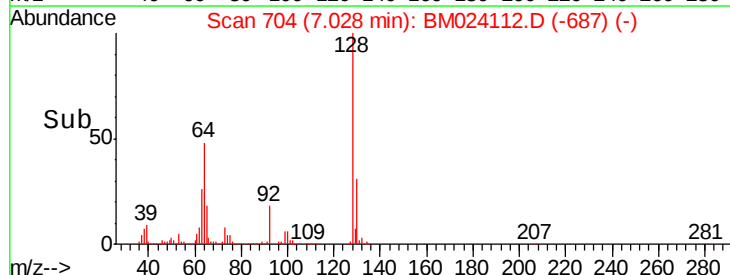
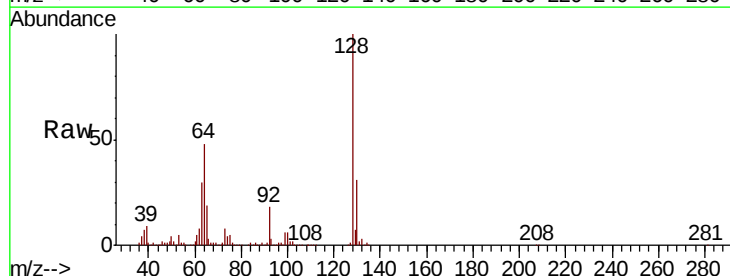
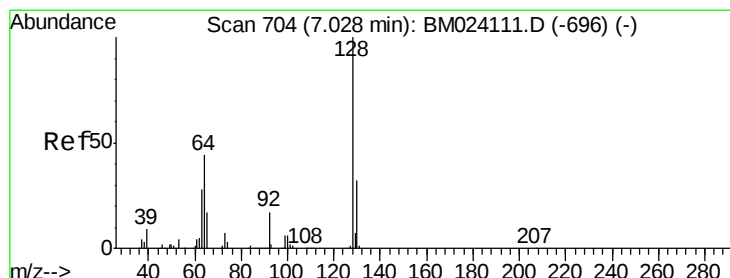
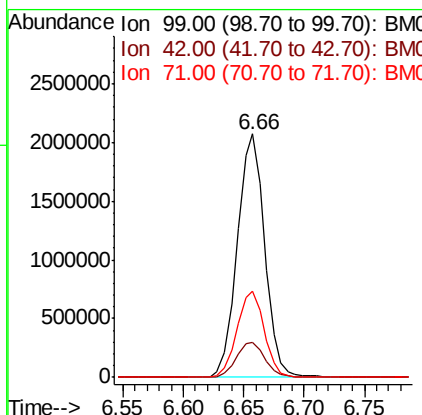
SSTDICC050

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM



#8

2-Chlorophenol

Concen: 52.406 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

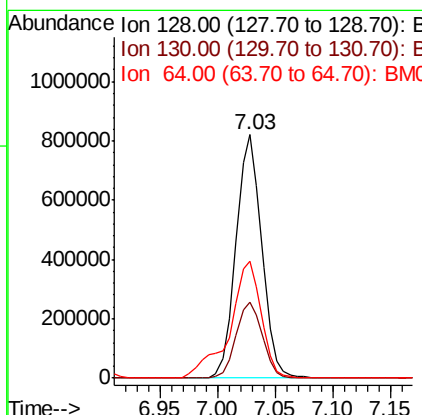
Tgt Ion:128 Resp: 1264388

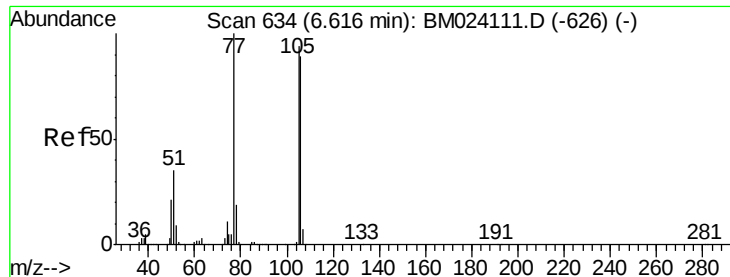
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 47.8 28.9 68.9





#9

Benzaldehyde

Concen: 44.263 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

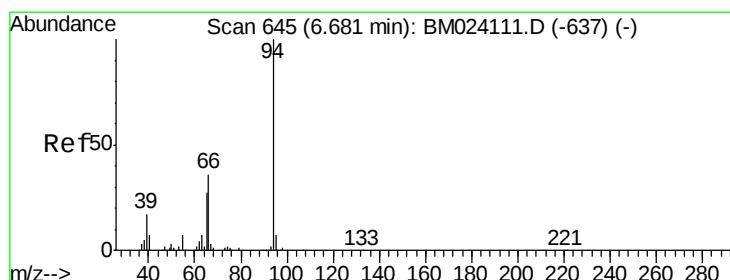
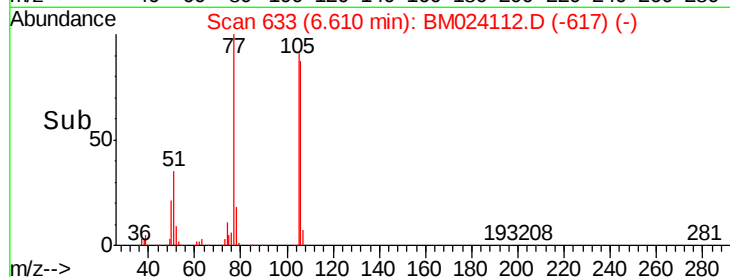
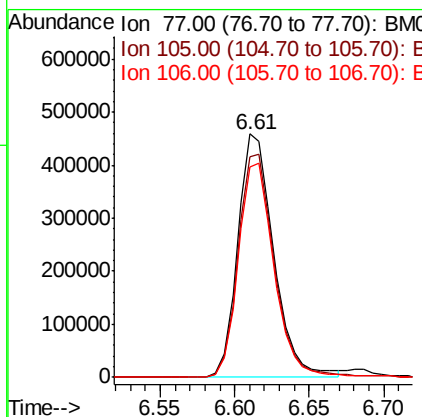
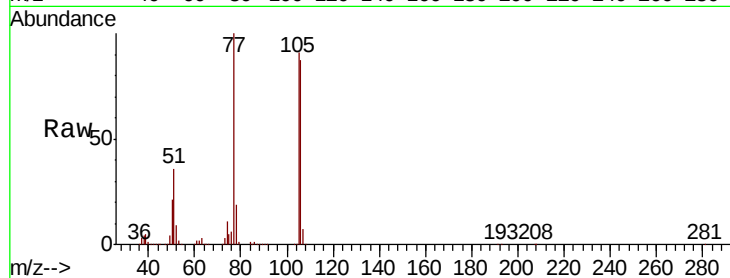
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	766547
Ion Ratio	Lower	Upper	
77	100		
105	90.7	73.9	113.9
106	86.6	69.3	109.3

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 59.462 ng

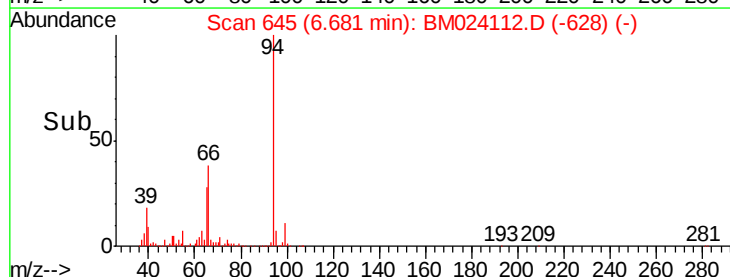
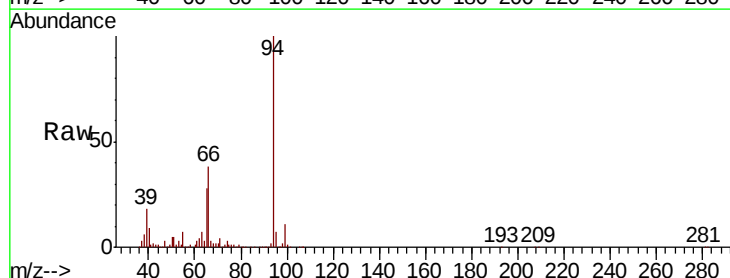
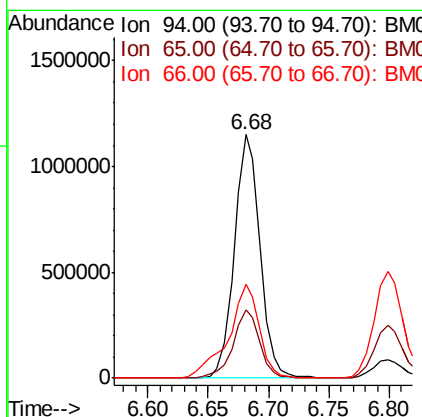
RT: 6.68 min Scan# 645

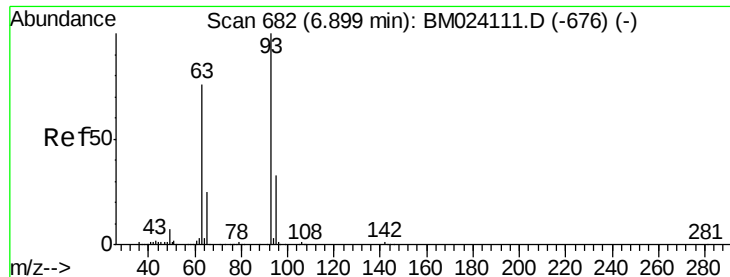
Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:	94	Resp:	1702615
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.3	47.3
66	38.4	17.3	57.3





#11

bis(2-Chloroethyl)ether

Concen: 58.619 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion: 93 Resp: 1318727

Ion Ratio Lower Upper

93 100

63 75.3 55.0 95.0

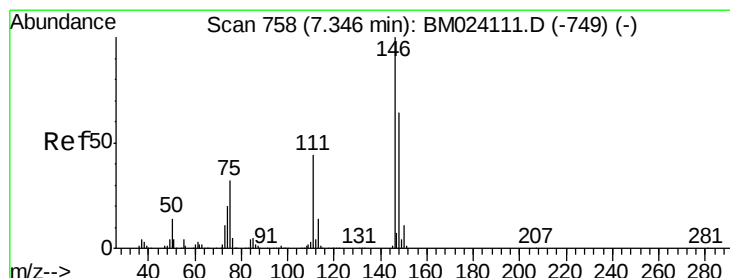
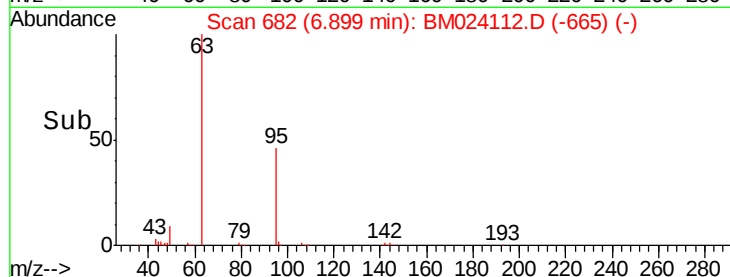
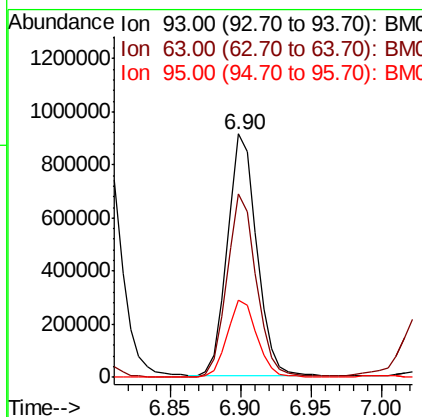
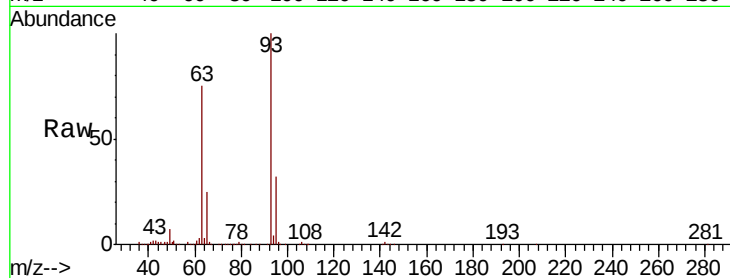
95 31.8 12.4 52.4

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM



#12

1,3-Dichlorobenzene

Concen: 49.401 ng

RT: 7.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

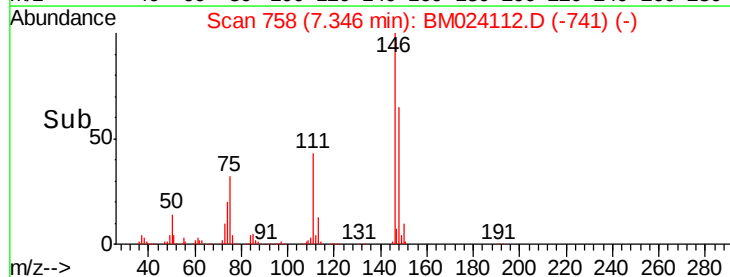
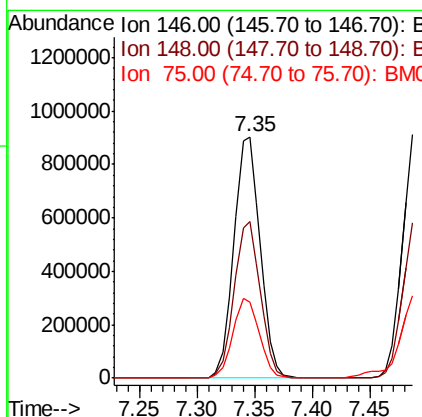
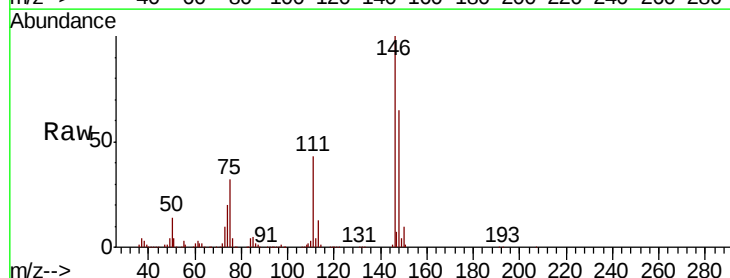
Tgt Ion: 146 Resp: 1424539

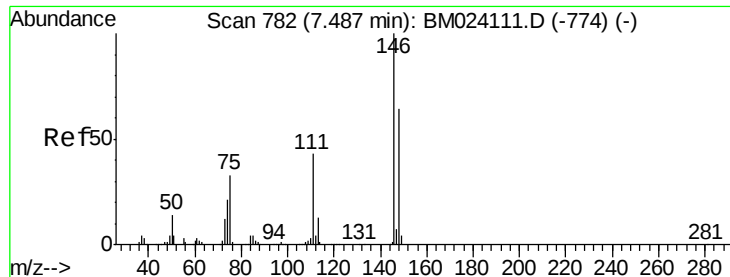
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

75 31.7 25.5 38.3





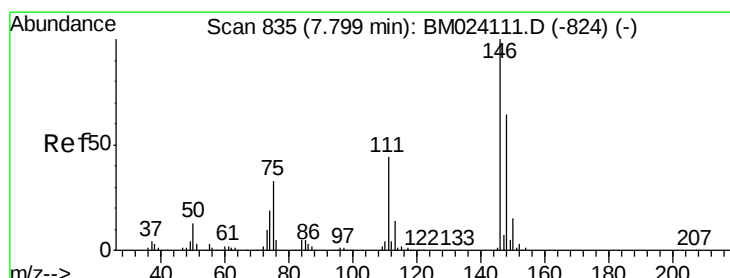
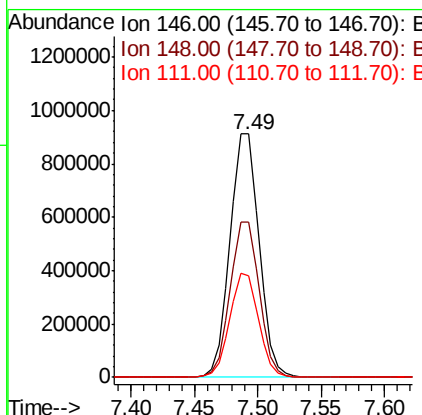
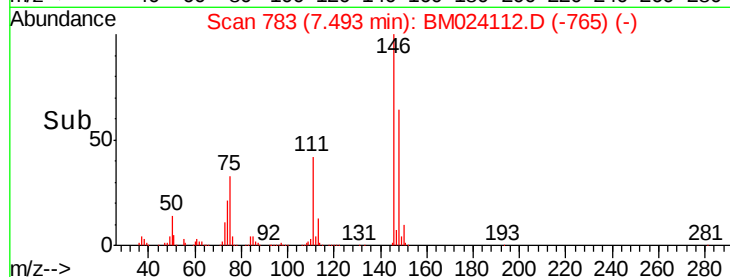
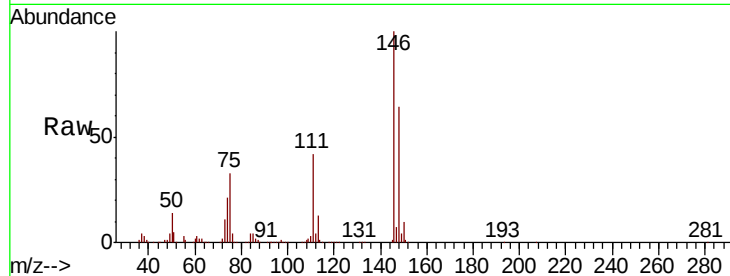
#13
1,4-Dichlorobenzene
Concen: 49.613 ng
RT: 7.49 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:146 Resp: 1448350
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 41.7 34.2 51.4

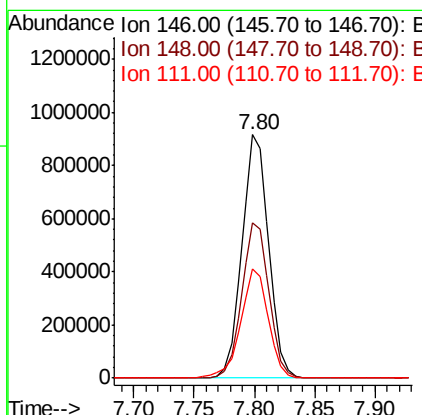
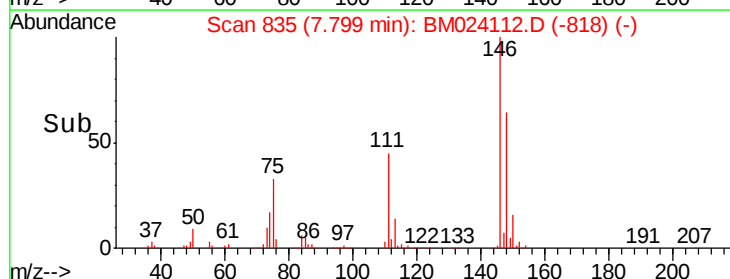
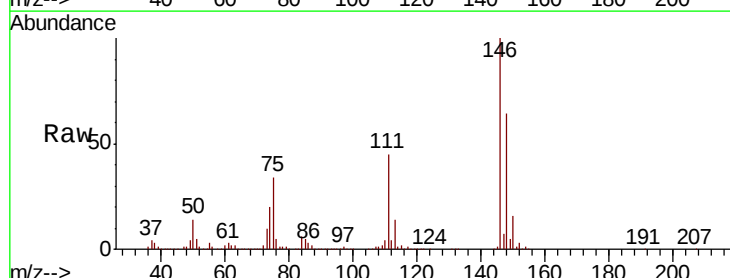
Manual Integrations
APPROVED

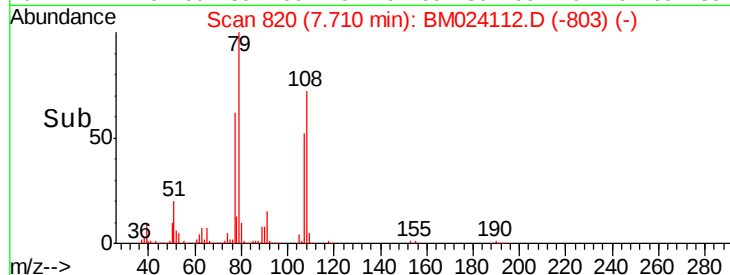
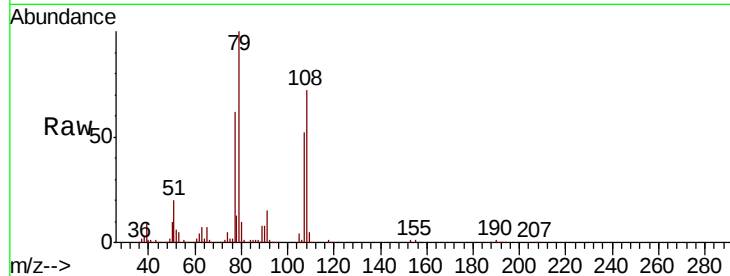
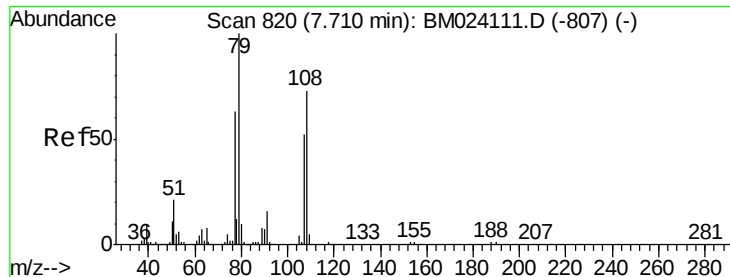
mohammad
12/17/2019 3:20:17 PM



#14
1,2-Dichlorobenzene
Concen: 50.768 ng
RT: 7.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:146 Resp: 1412963
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 45.0 34.8 52.2





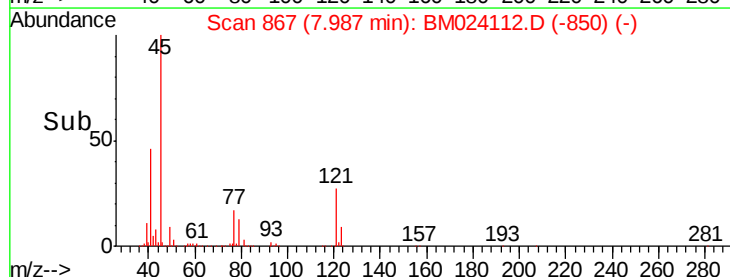
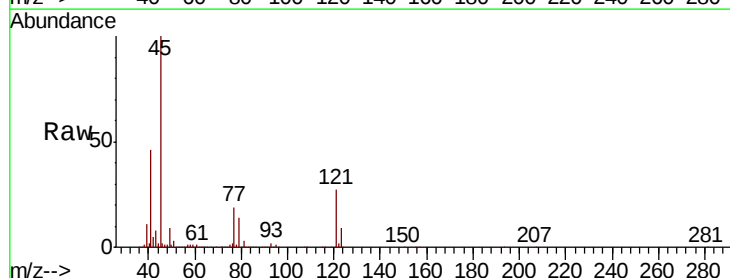
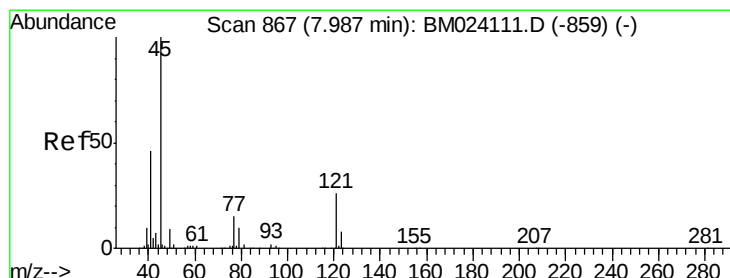
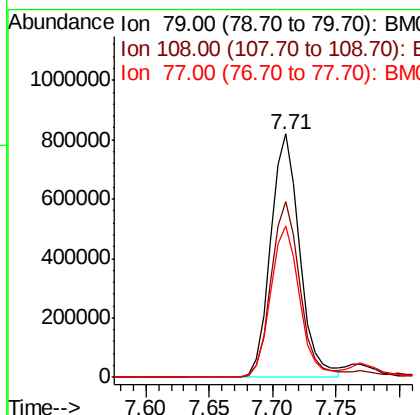
#15
Benzyl Alcohol
Concen: 68.322 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	58.7	88.1
77	62.3	50.7	76.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

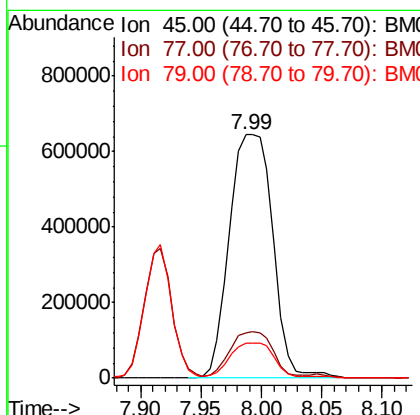
Manual Integrations
APPROVED

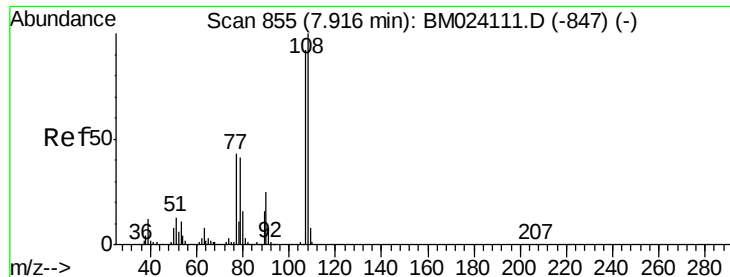
mohammad
12/17/2019 3:20:17 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.363 ng
RT: 7.99 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	38.7
79	14.2	0.0	33.8





#17

2-Methylphenol

Concen: 60.558 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 1147753

Ion Ratio Lower Upper

107 100

108 109.8 87.5 131.3

77 47.0 37.6 56.4

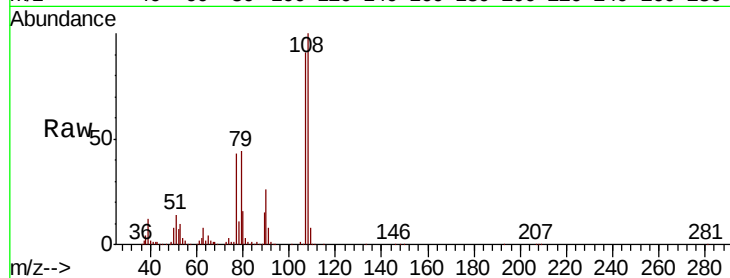
79 48.3 36.6 54.8

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM

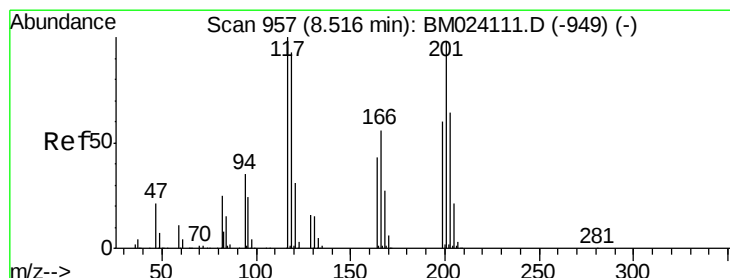
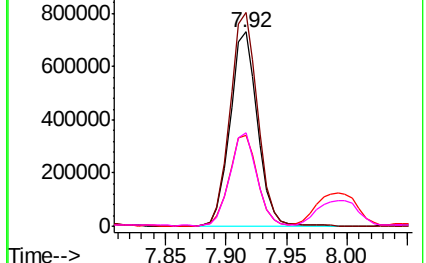
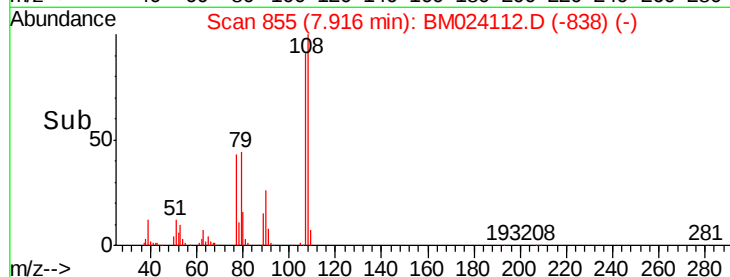


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 50.872 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

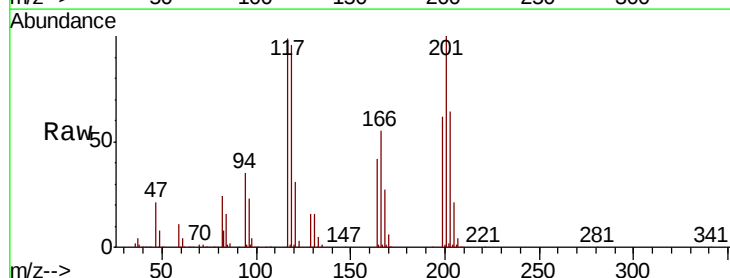
Tgt Ion:117 Resp: 544695

Ion Ratio Lower Upper

117 100

119 97.1 74.7 112.1

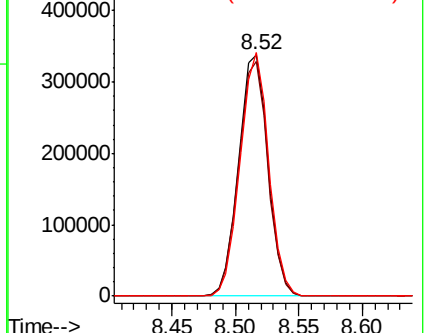
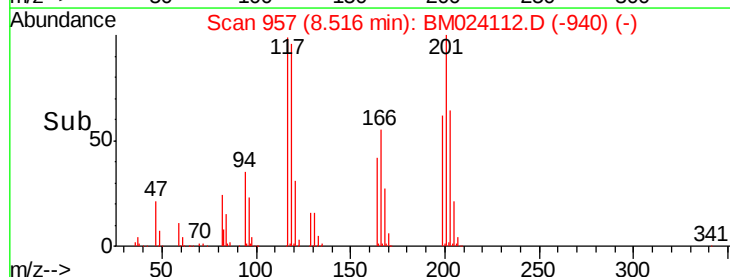
201 100.8 78.2 117.2

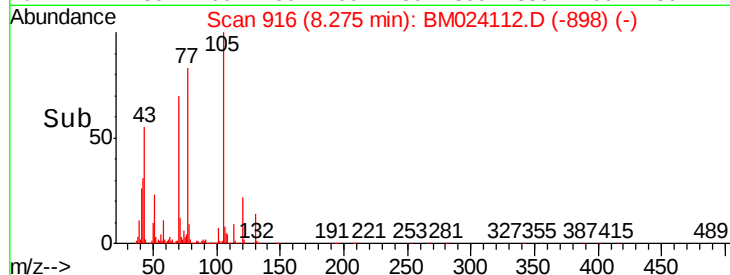
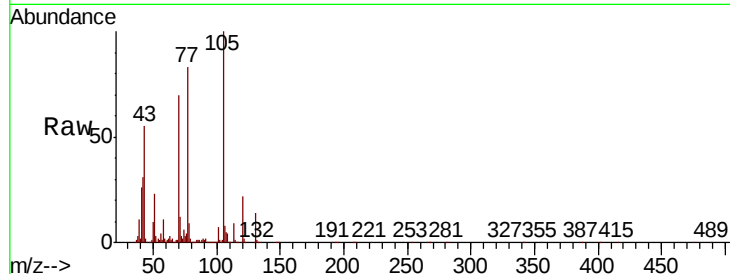
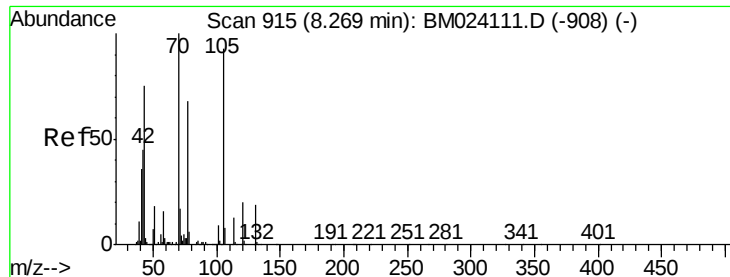


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





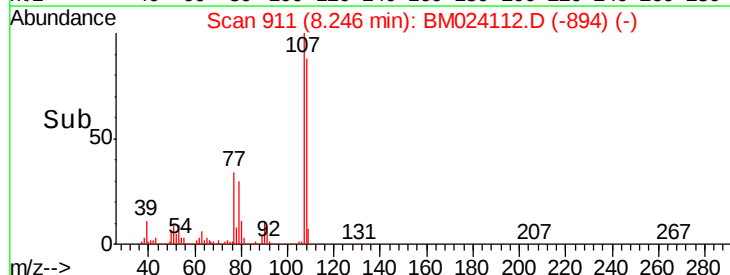
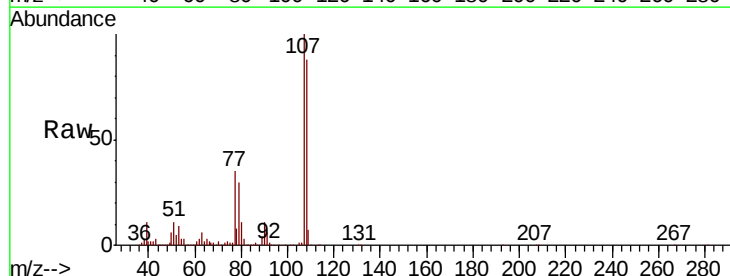
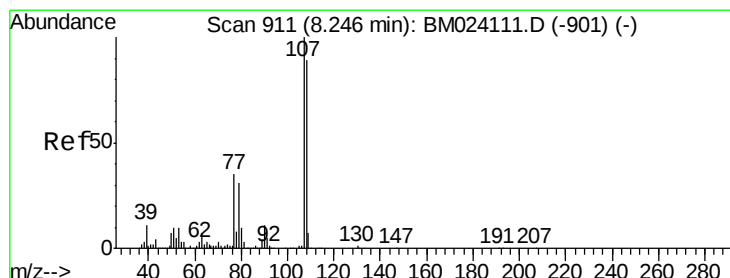
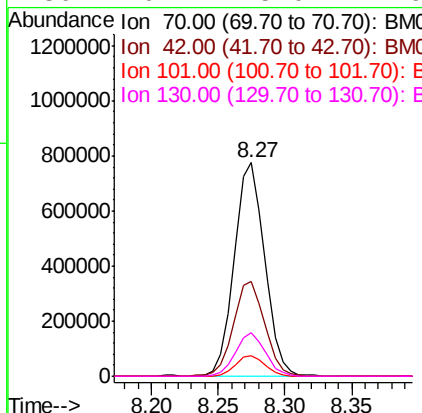
#19
n-Nitroso-di-n-propylamine
Concen: 71.987 ng
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.3	36.3	54.5	
101	9.6	7.5	11.3	
130	20.1	15.0	22.6	

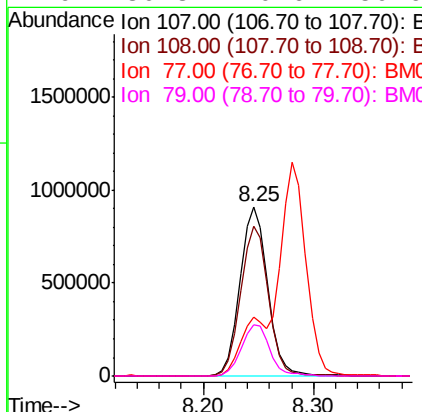
Manual Integrations
APPROVED

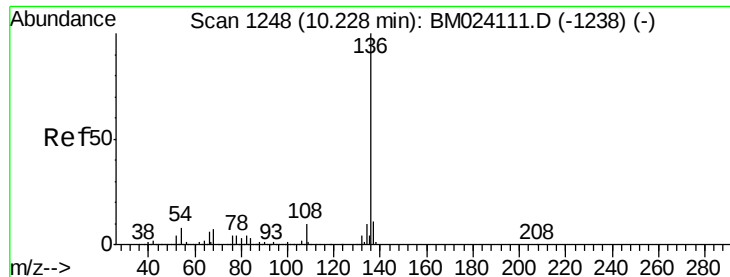
mohammad
12/17/2019 3:20:17 PM



#20
3+4-Methylphenols
Concen: 63.695 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.9	108.9	
77	34.6	15.1	55.1	
79	30.3	10.6	50.6	





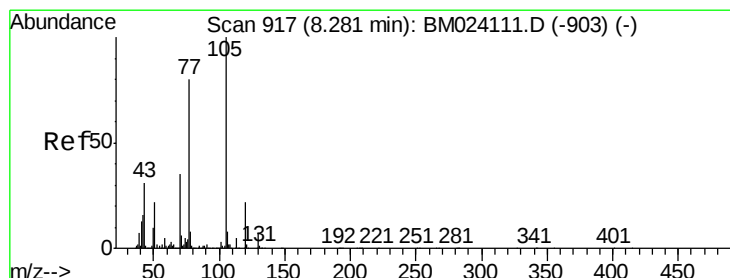
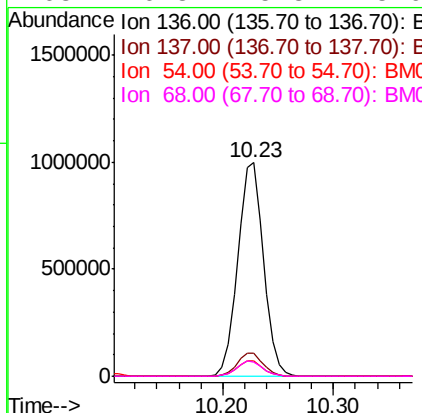
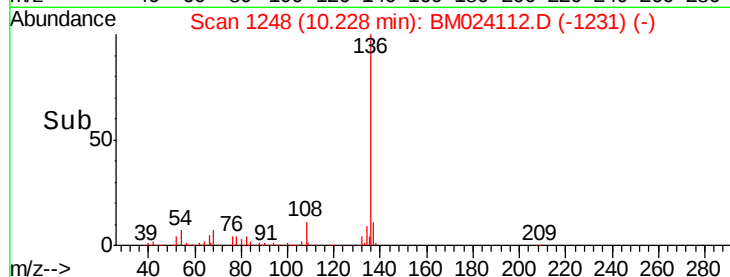
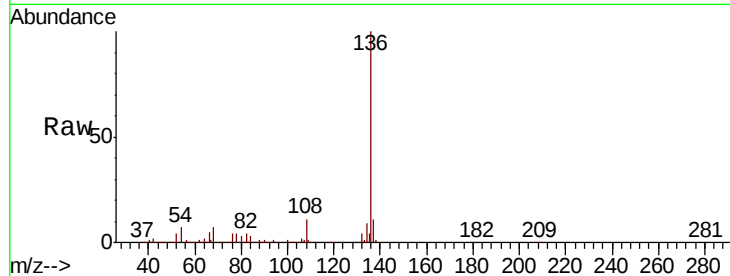
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	136	Resp	1631163
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.1	6.0	9.0
68	6.8	5.8	8.6

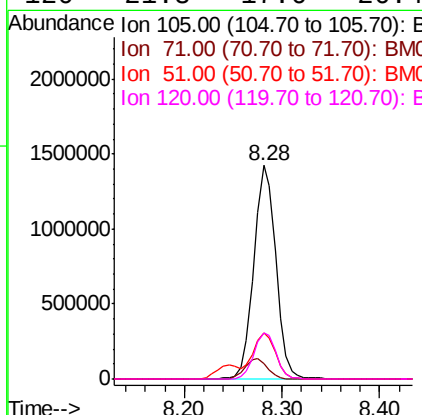
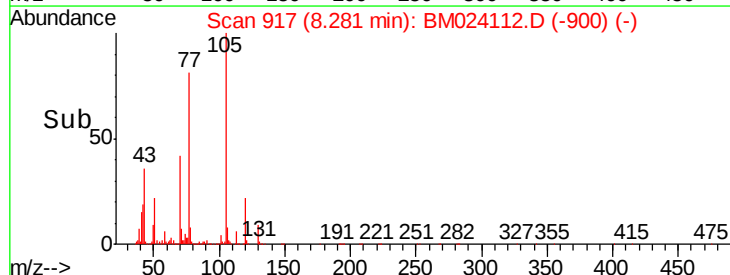
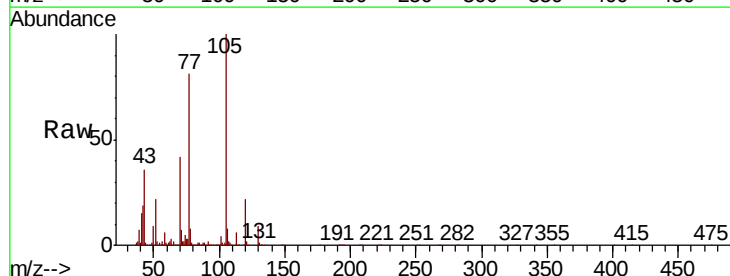
Manual Integrations
APPROVED

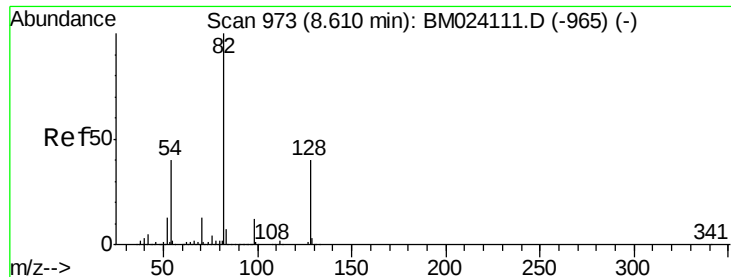
mohammad
12/17/2019 3:20:17 PM



#22
Acetophenone
Concen: 55.912 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	105	Resp	2251240
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.6	6.8#
51	21.8	17.4	26.2
120	21.8	17.6	26.4





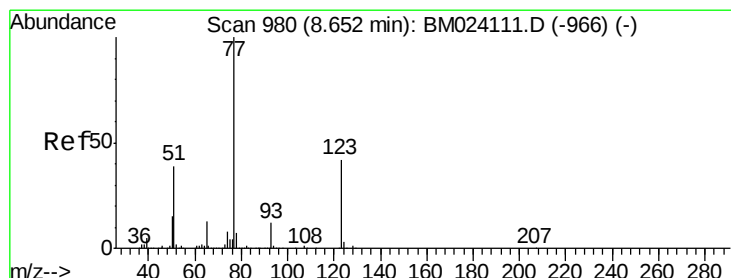
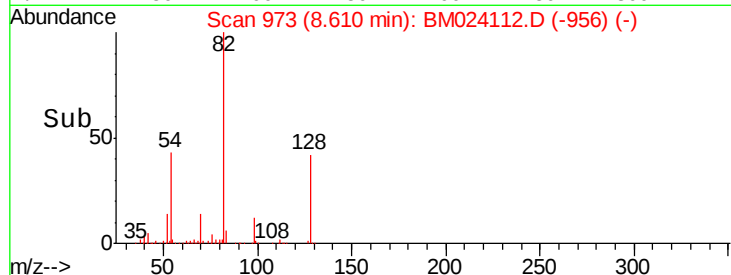
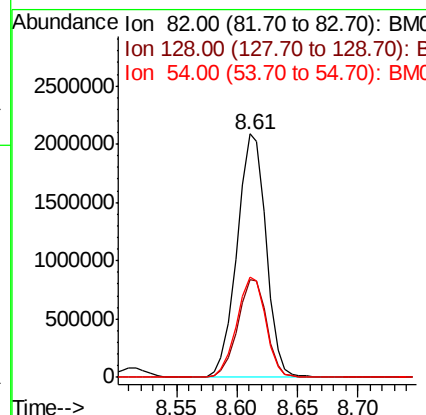
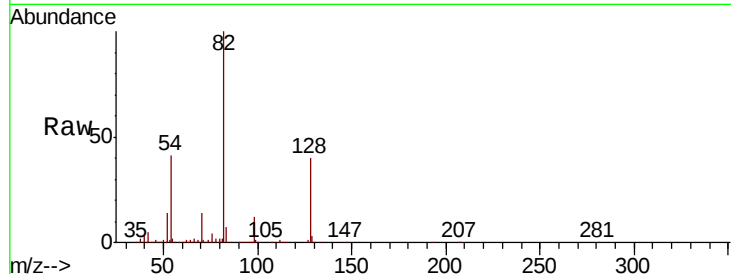
#23
Nitrobenzene-d5
Concen: 119.529 ng
RT: 8.61 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	82	Resp	3512349
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.8
54	41.3	32.2	48.2

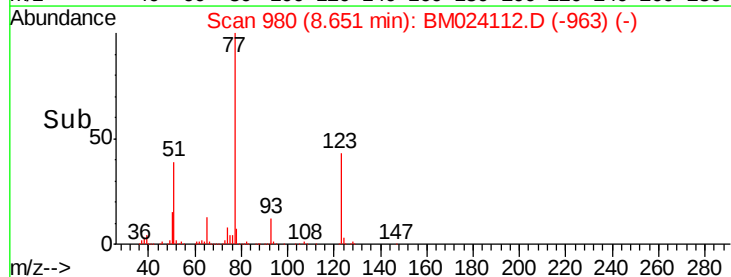
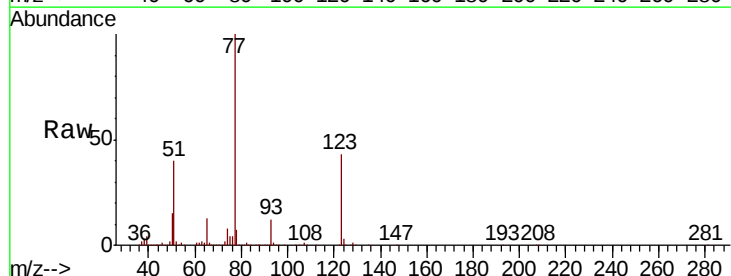
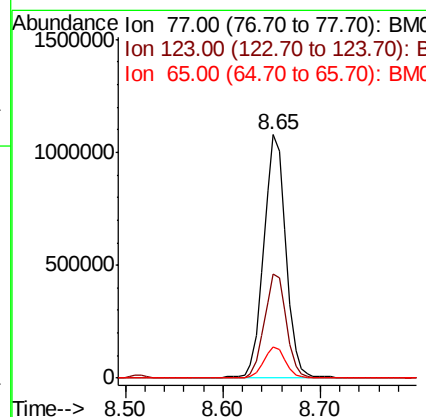
Manual Integrations
APPROVED

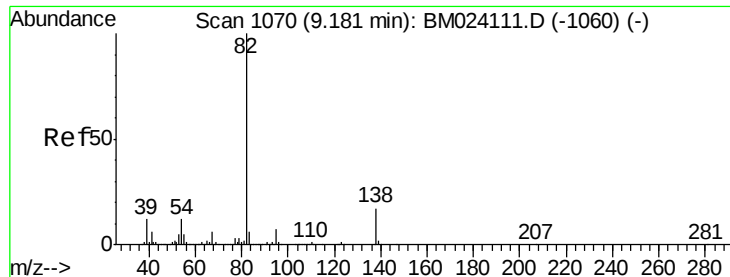
mohammad
12/17/2019 3:20:17 PM



#24
Nitrobenzene
Concen: 61.055 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	77	Resp	1716587
Ion	Ratio	Lower	Upper
77	100		
123	42.8	33.8	50.6
65	12.8	10.3	15.5





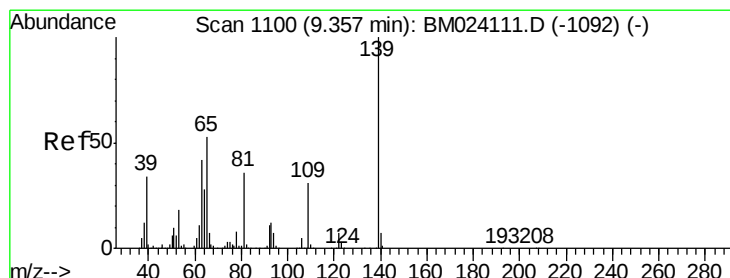
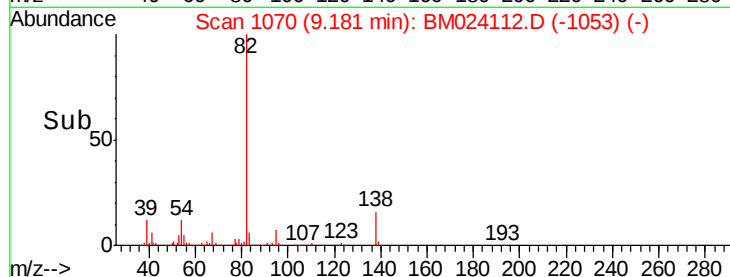
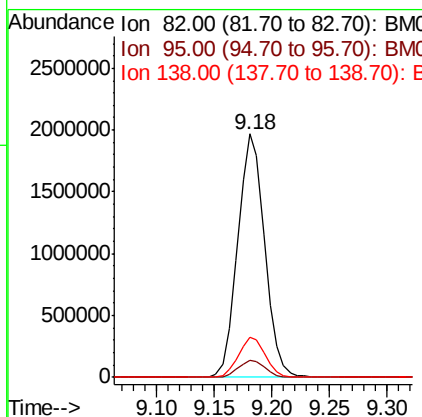
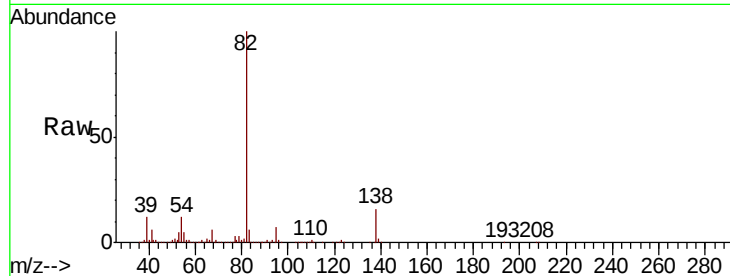
#25
Isophorone
Concen: 65.823 ng
RT: 9.18 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	16.4	13.3	19.9

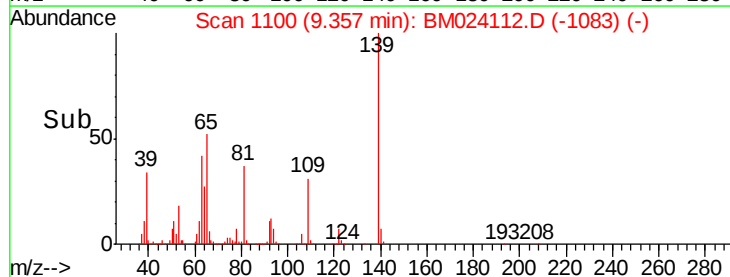
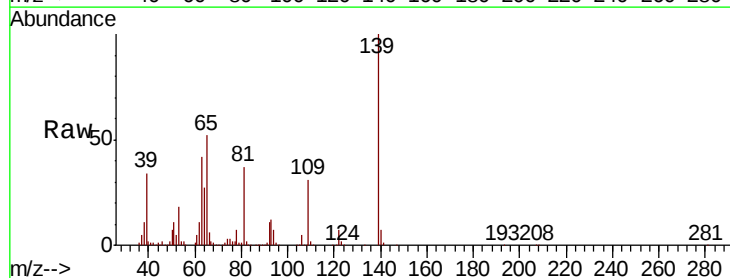
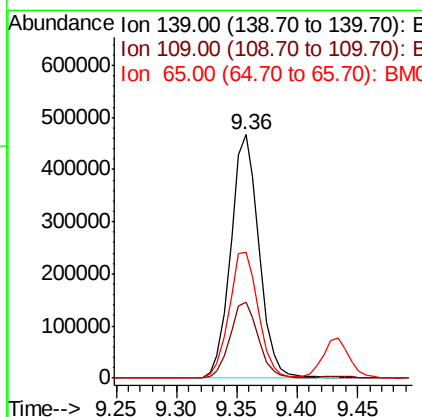
Manual Integrations
APPROVED

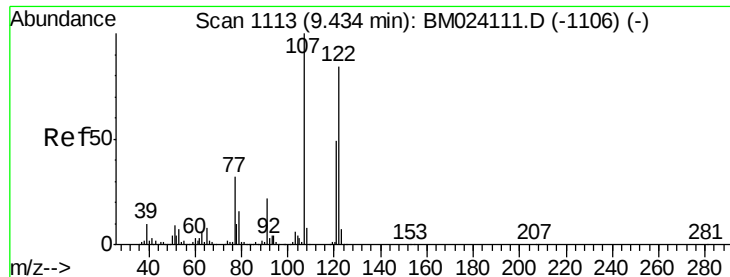
mohammad
12/17/2019 3:20:17 PM



#26
2-Nitrophenol
Concen: 62.541 ng
RT: 9.36 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.1	24.5	36.7
65	51.9	42.1	63.1





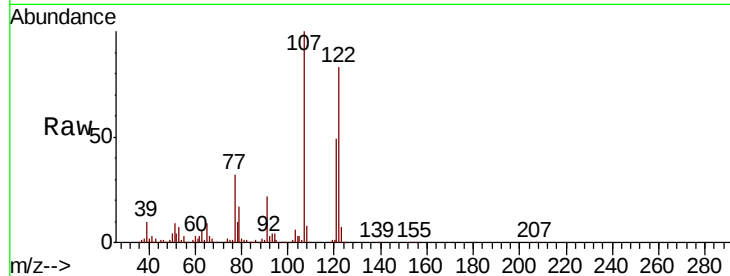
#27
2,4-Dimethylphenol
Concen: 53.818 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	95.8	143.6
121	58.8	47.0	70.4

Manual Integrations
APPROVED

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

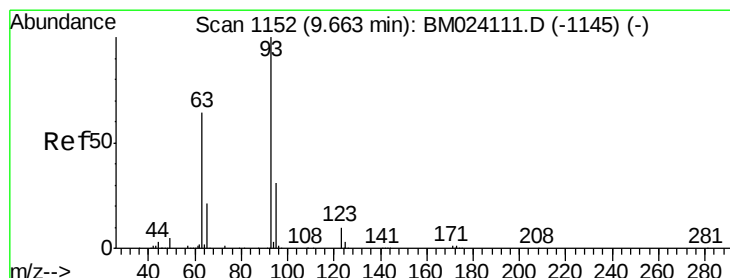
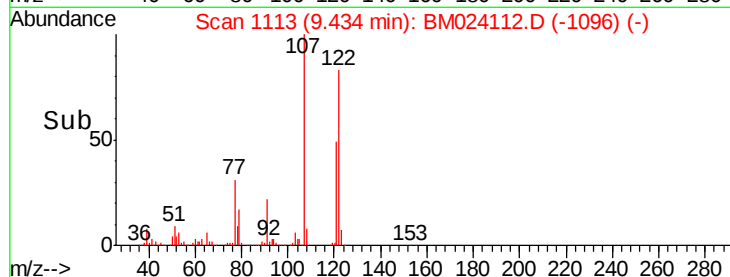
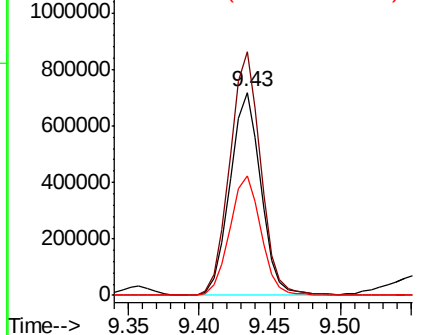


Abundance

Ion 122.00 (121.70 to 122.70): E

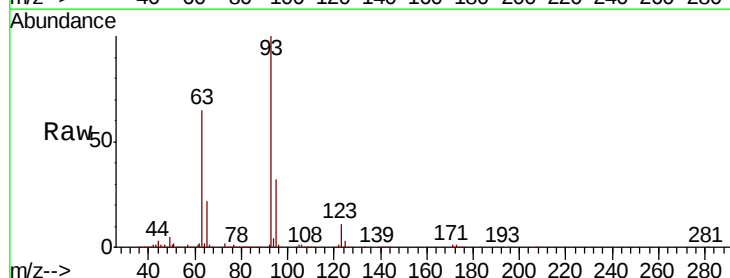
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 60.223 ng
RT: 9.66 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.1	37.7
123	10.8	8.5	12.7

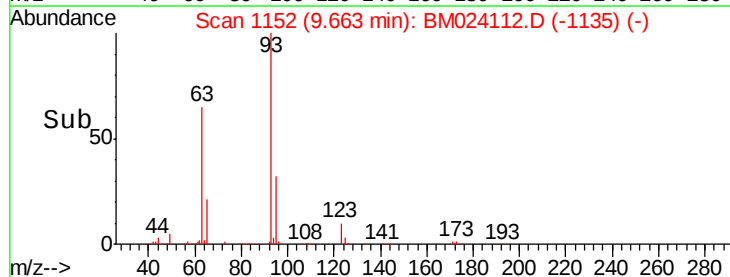
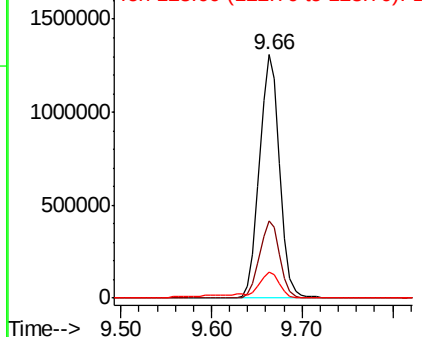


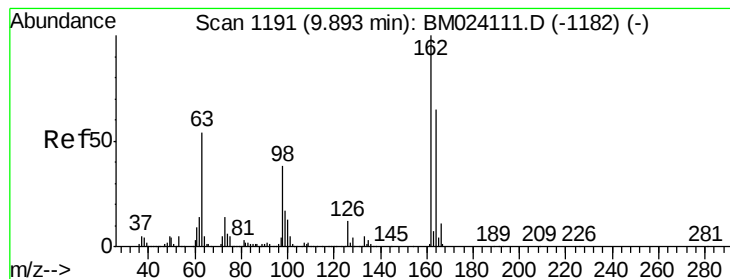
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.065 ng

RT: 9.89 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:162 Resp: 1310953

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

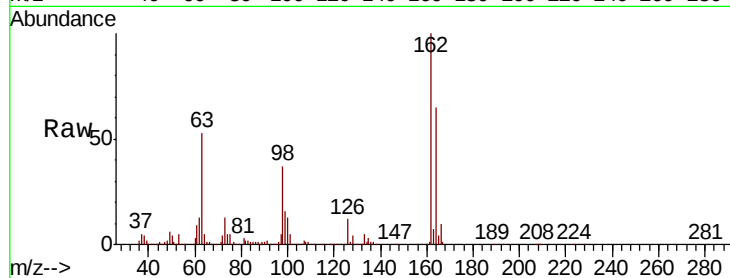
98 37.5 18.2 58.2

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM

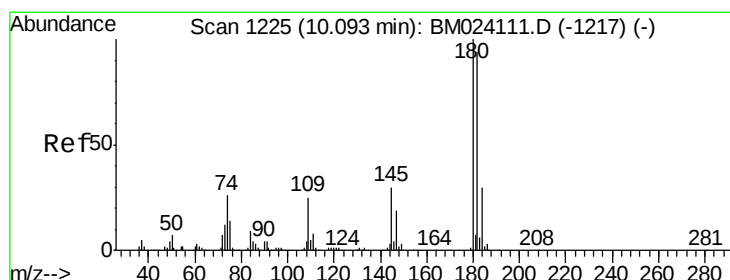
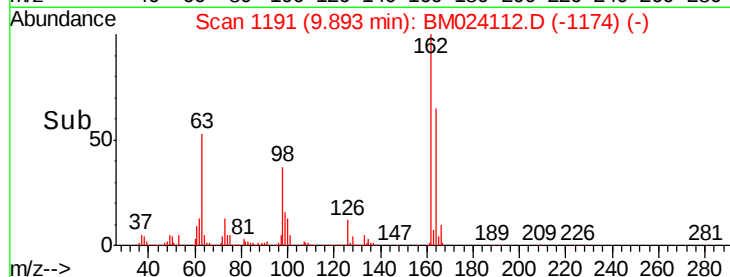
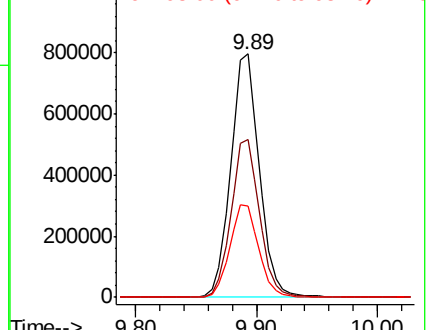


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 51.863 ng

RT: 10.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

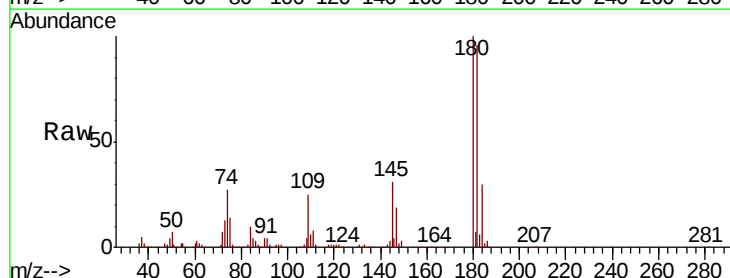
Tgt Ion:180 Resp: 1465866

Ion Ratio Lower Upper

180 100

182 95.7 75.5 113.3

145 30.6 24.4 36.6

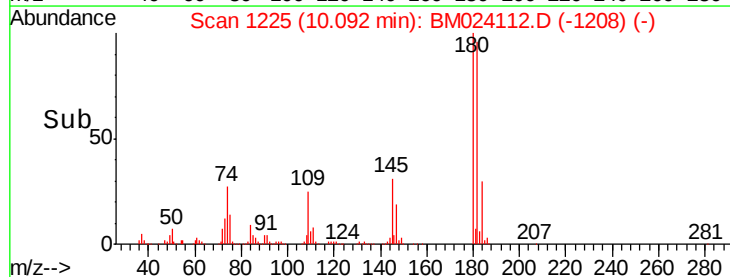
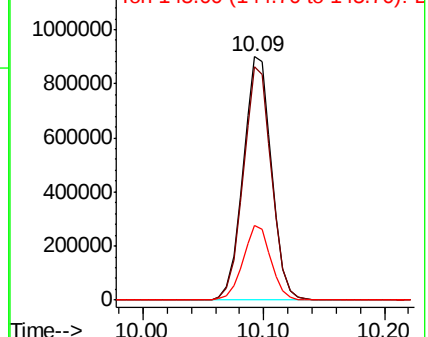


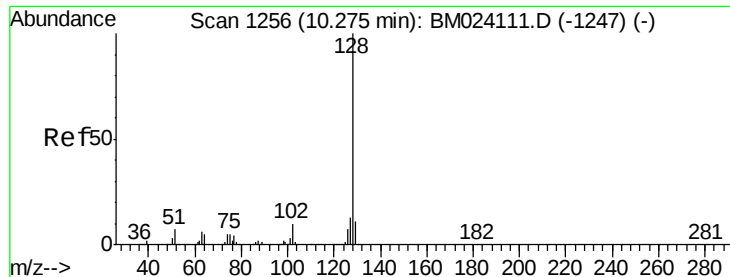
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





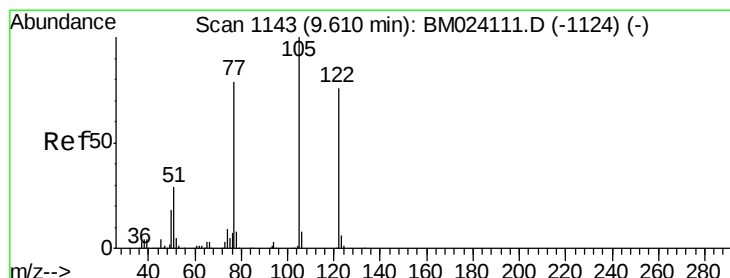
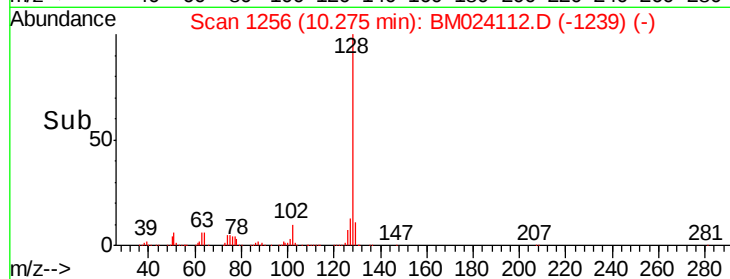
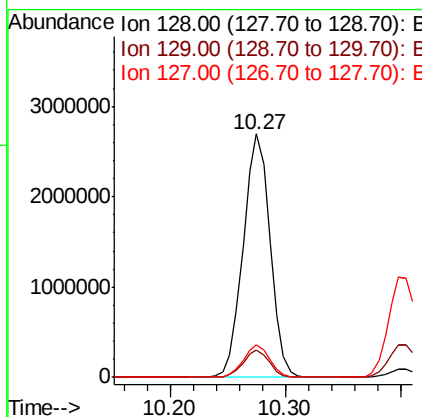
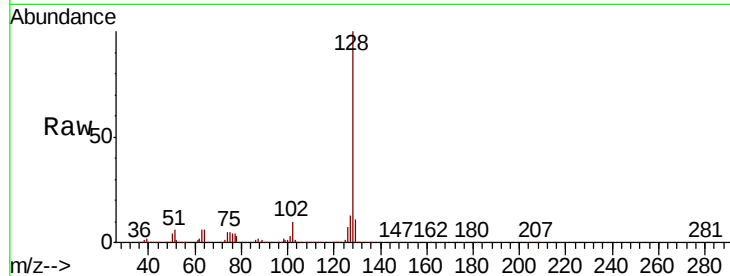
#31
Naphthalene
Concen: 54.038 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.2	10.5	15.7

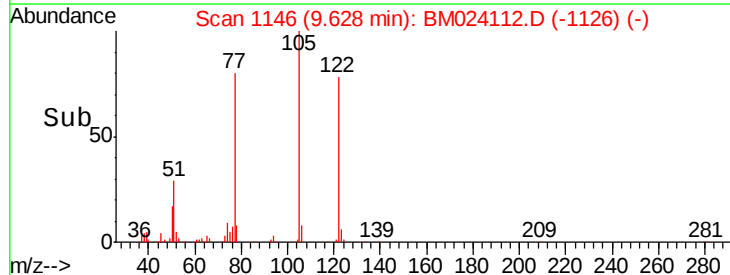
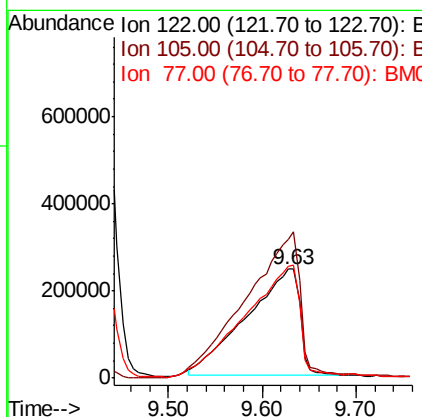
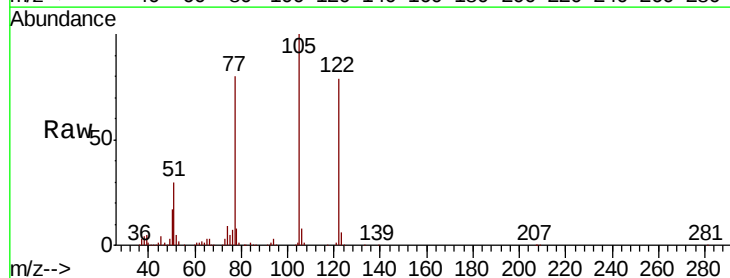
Manual Integrations
APPROVED

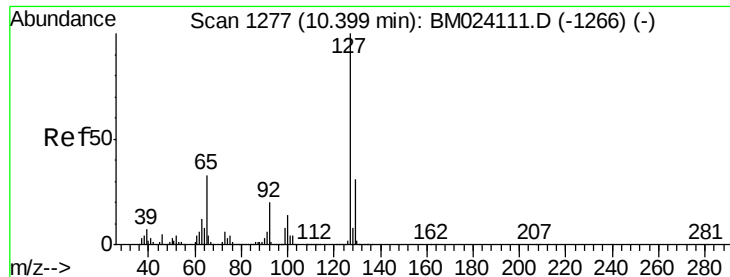
mohammad
12/17/2019 3:20:17 PM



#32
Benzoic acid
Concen: 72.801 ng
RT: 9.63 min Scan# 1146
Delta R.T. 0.02 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	110.4	150.4
77	101.9	83.0	123.0





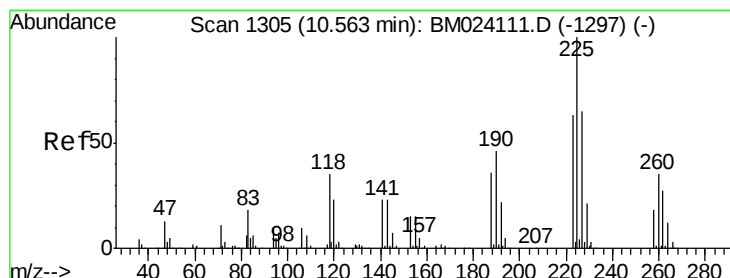
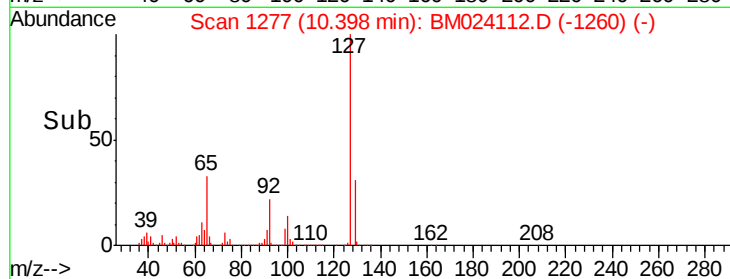
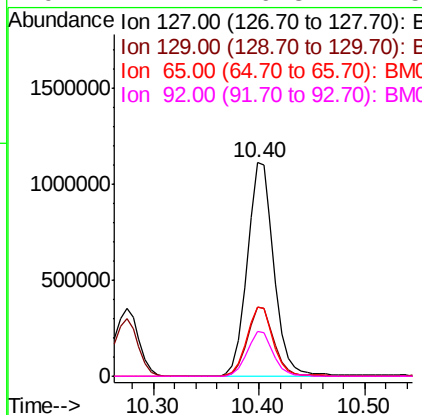
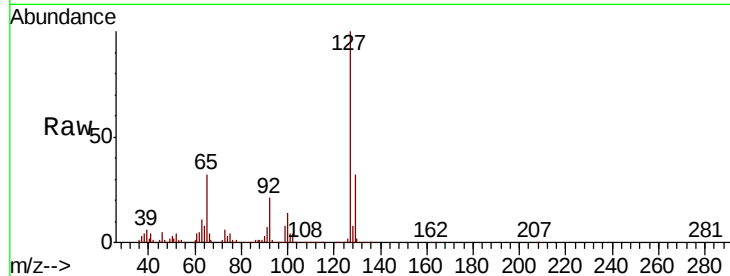
#33
4-Chloroaniline
Concen: 55.745 ng
RT: 10.40 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:	127	Resp:	1950702
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.9	37.3
65	32.2	26.2	39.4
92	21.1	16.3	24.5

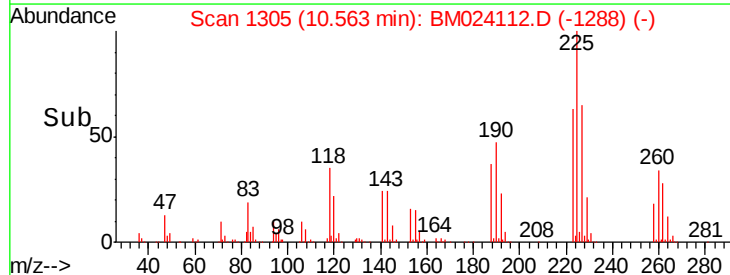
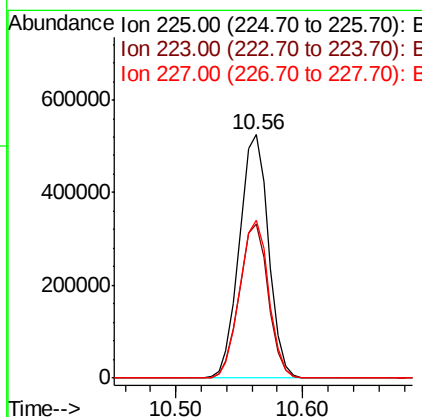
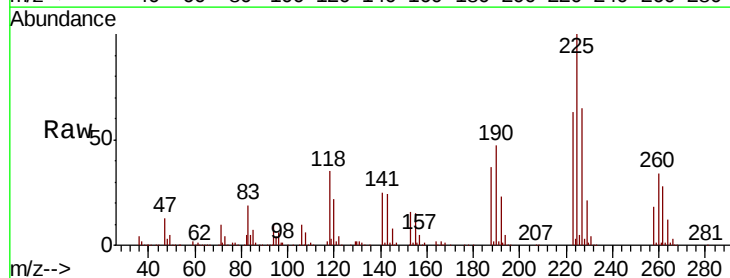
Manual Integrations
APPROVED

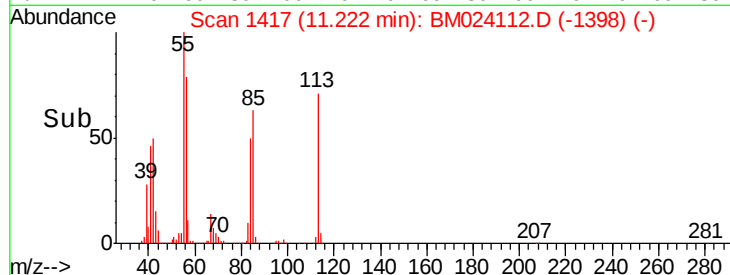
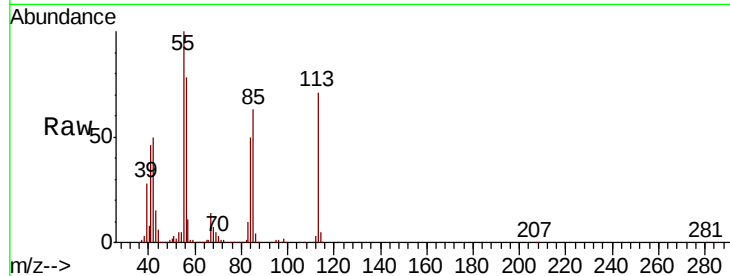
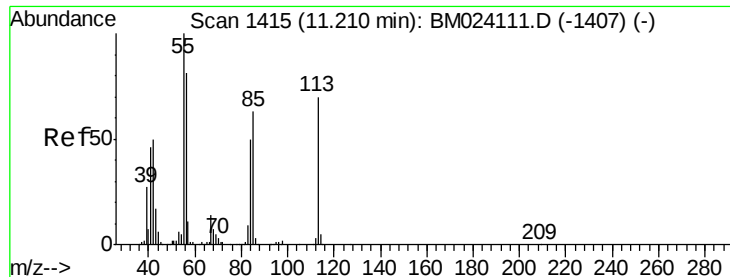
mohammad
12/17/2019 3:20:17 PM



#34
Hexachlorobutadiene
Concen: 49.679 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:	225	Resp:	837026
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.9	52.2	78.4





#35

Caprolactam

Concen: 72.555 ng/ml

RT: 11.22 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 494141

Ion Ratio Lower Upper

113 100

55 141.5 122.4 162.4

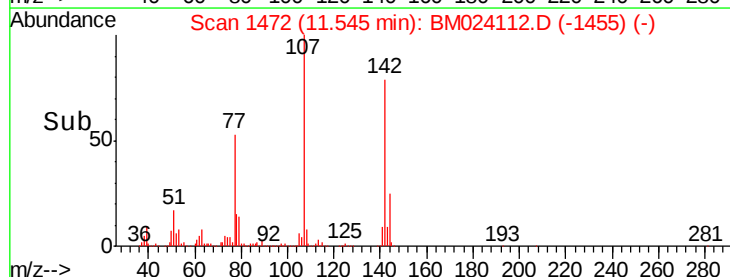
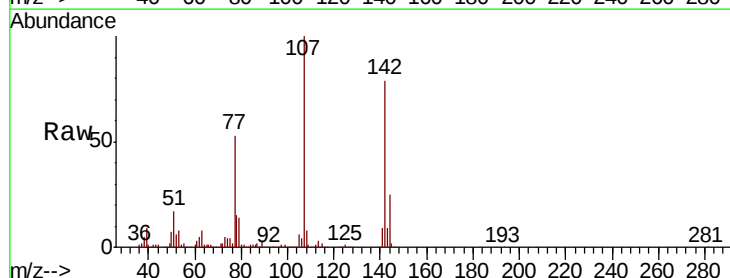
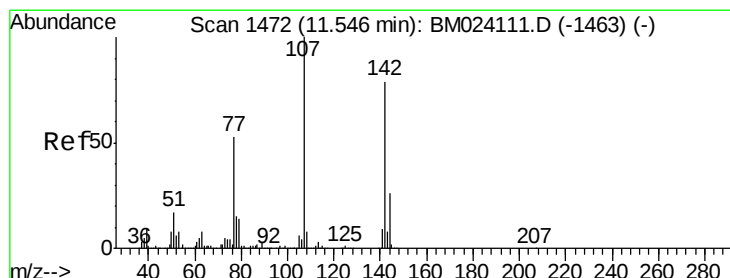
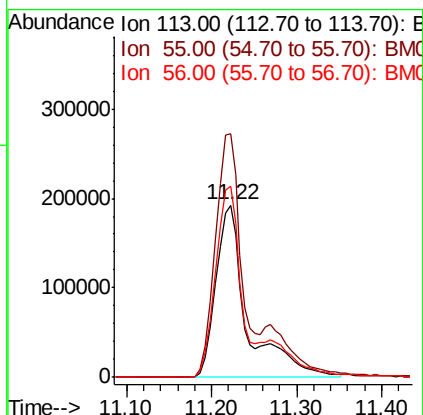
56 111.0 95.5 135.5

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM



#36

4-Chloro-3-methylphenol

Concen: 69.173 ng/ml

RT: 11.55 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

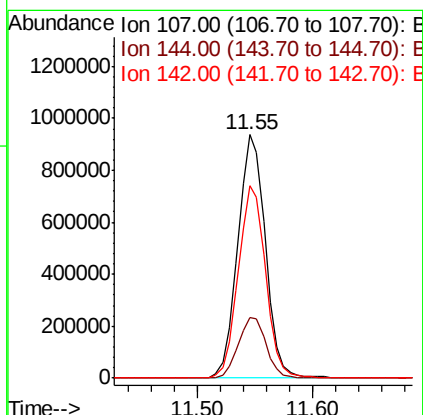
Tgt Ion:107 Resp: 1550387

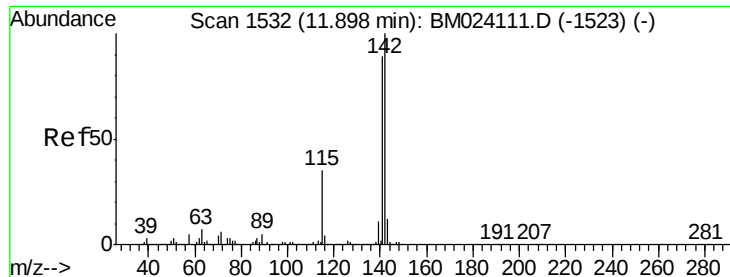
Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

142 79.1 63.6 95.4





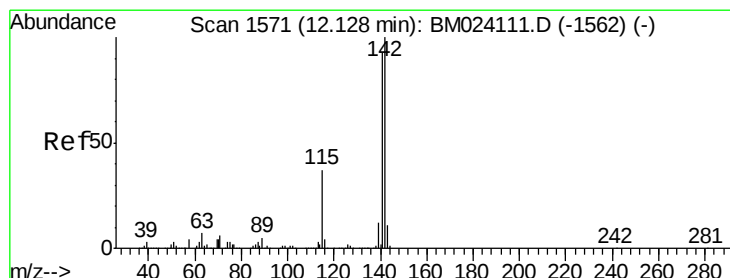
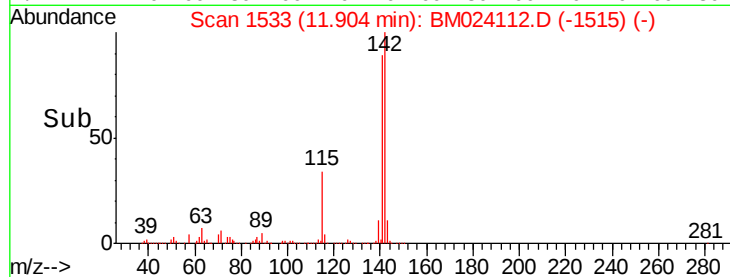
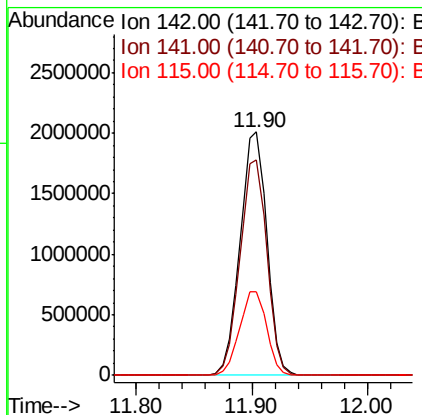
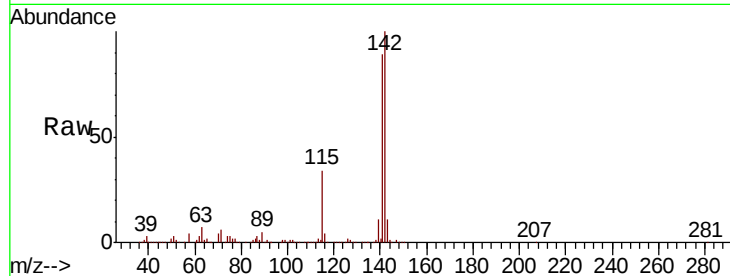
#37
2-Methylnaphthalene
Concen: 57.870 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.5	28.4	42.6

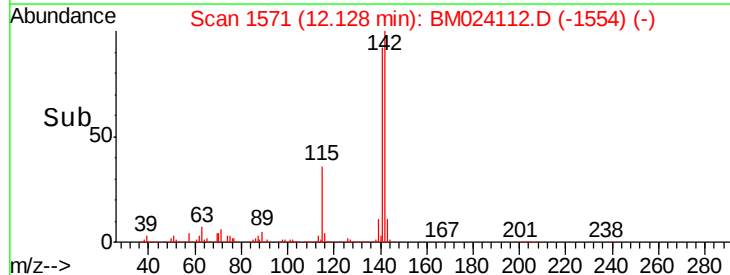
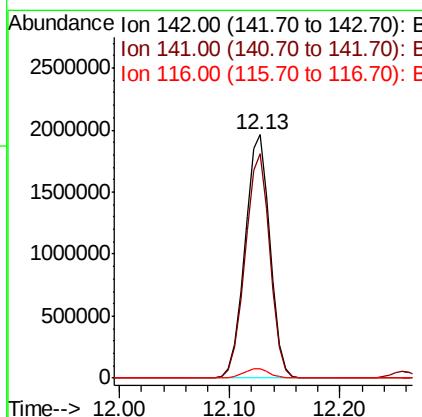
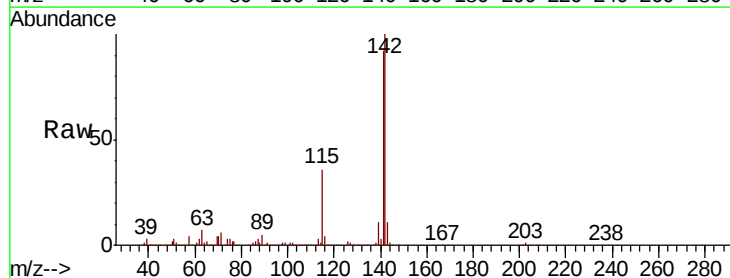
Manual Integrations
APPROVED

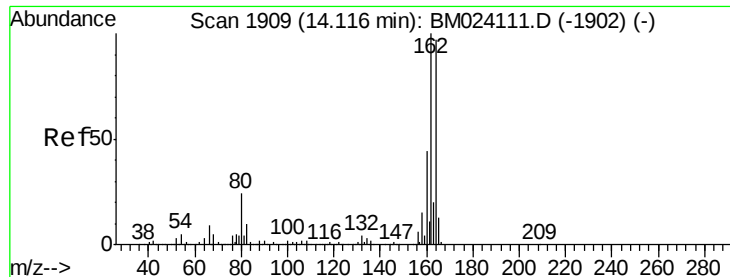
mohammad
12/17/2019 3:20:17 PM



#38
1-Methylnaphthalene
Concen: 58.251 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.5	111.7
116	3.8	3.1	4.7





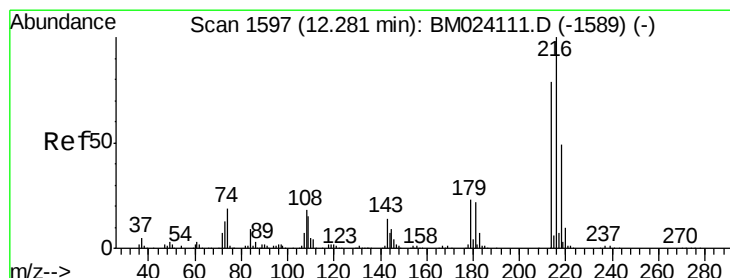
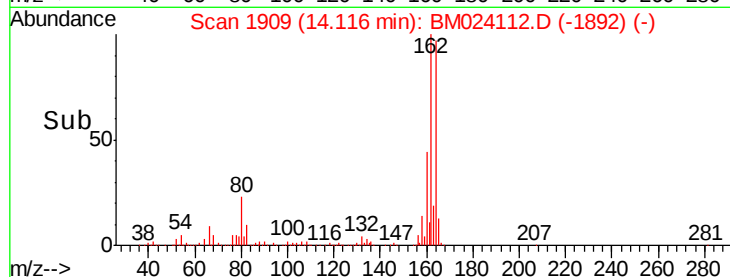
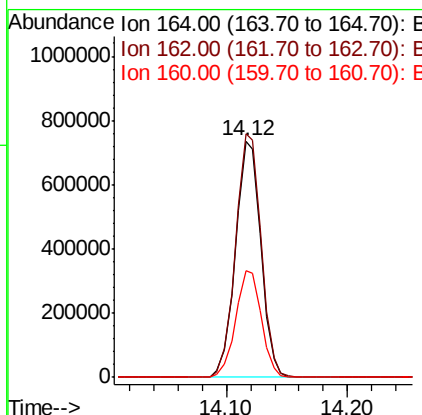
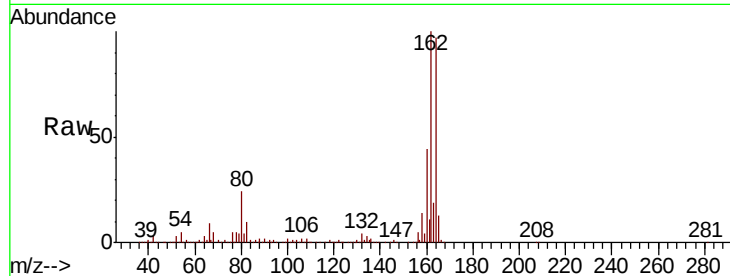
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.4
160	45.3	35.9	53.9

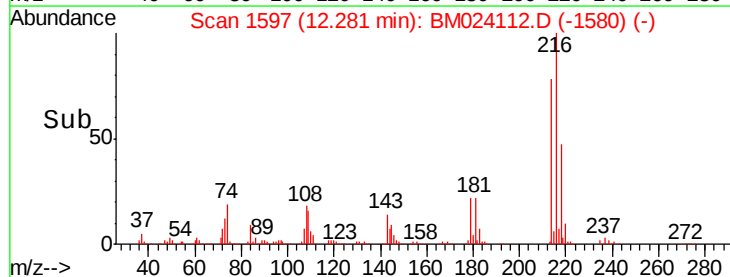
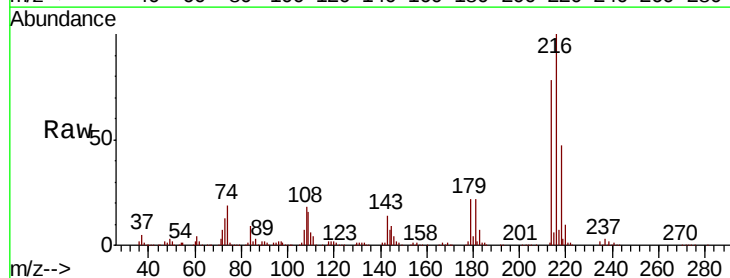
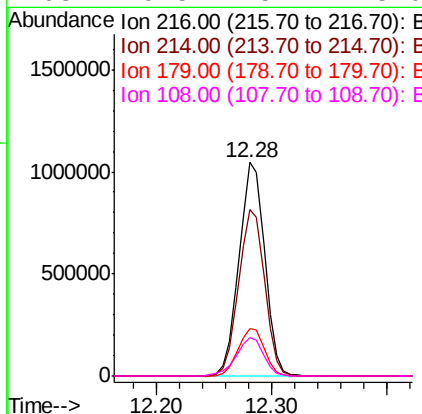
Manual Integrations
APPROVED

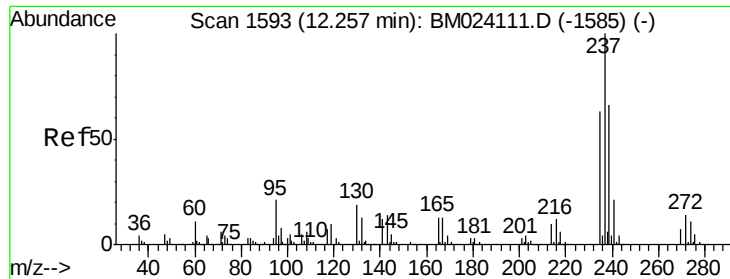
mohammad
12/17/2019 3:20:17 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.479 ng
RT: 12.28 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.6	18.0	27.0
108	19.5	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 31.320 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

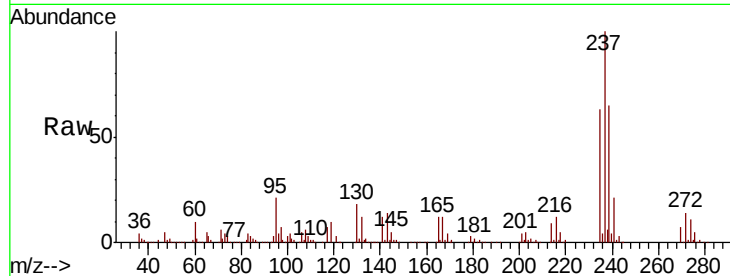
ClientSampleId :

SSTDICC050

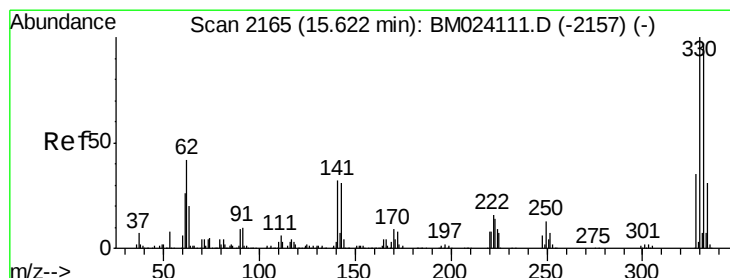
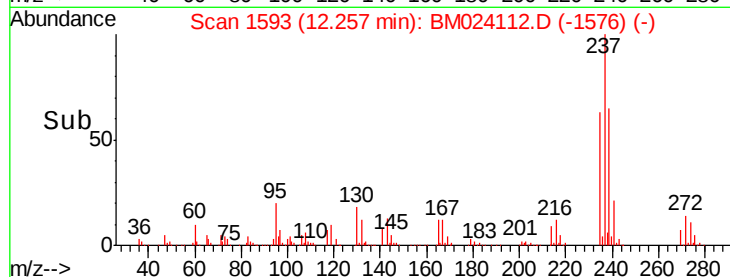
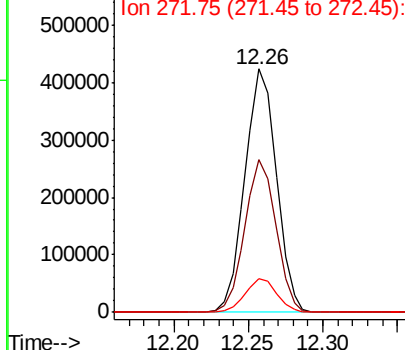
Tot Ion:	237	Resp:	621317
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.0	83.0
272	13.6	0.0	33.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:17 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: 118.269 ng

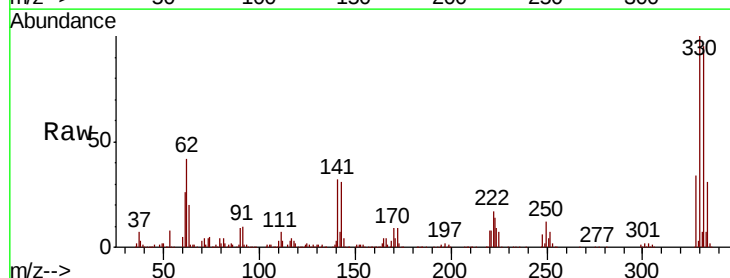
RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

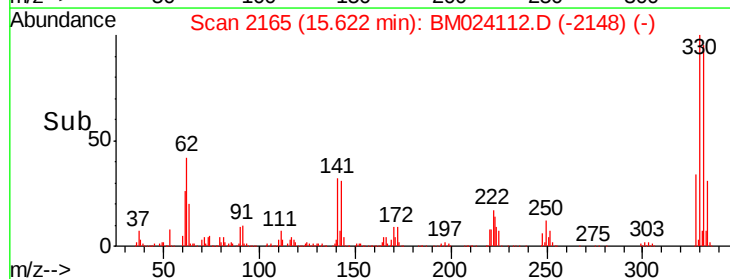
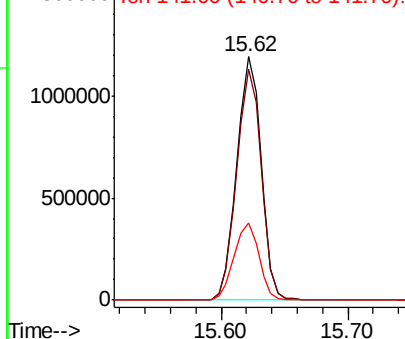
Lab File: BM024112.D

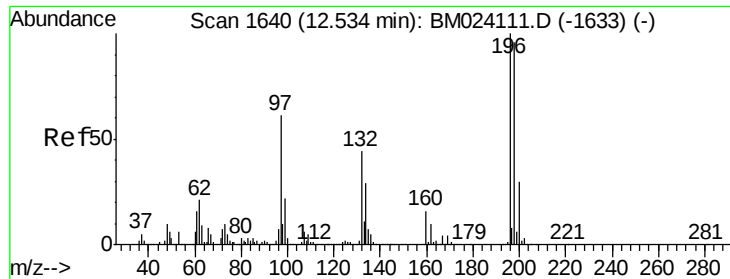
Acq: 16 Dec 2019 17:21

Tgt Ion:	330	Resp:	1584241
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	32.6	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





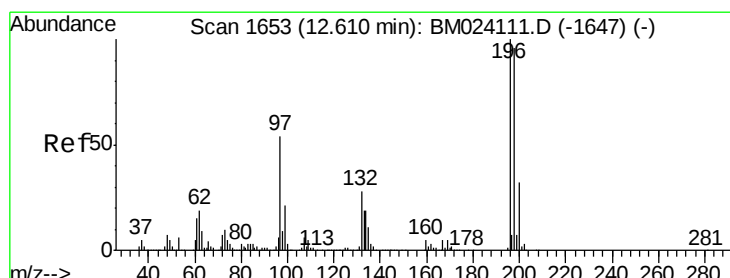
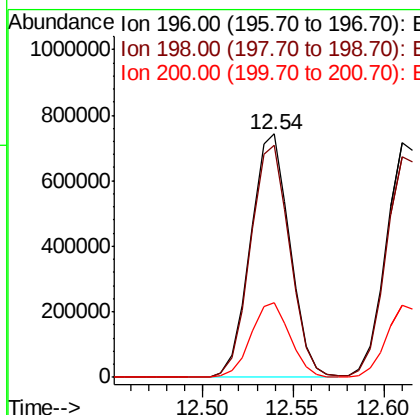
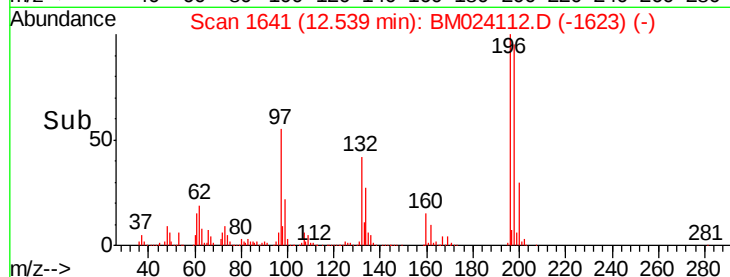
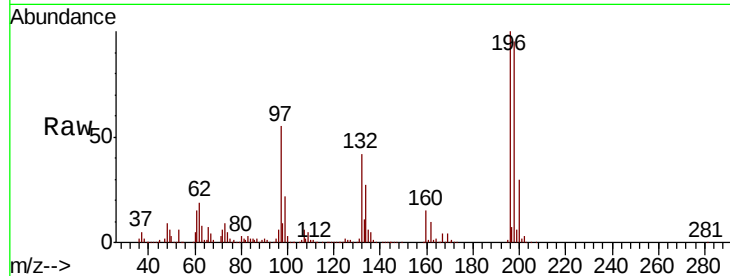
#43
 2,4,6-Trichlorophenol
 Concen: 53.373 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion:196 Resp: 1120028
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 30.5 24.1 36.1

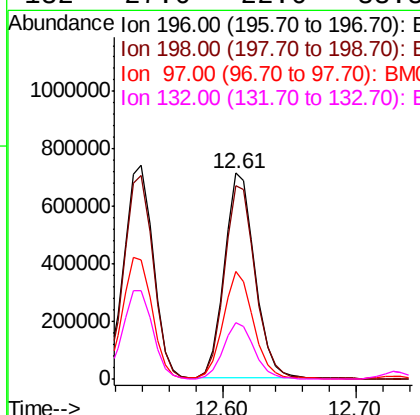
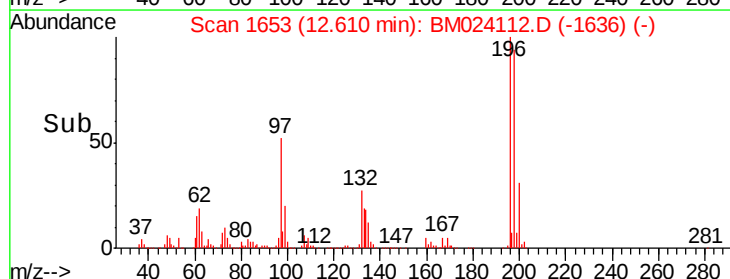
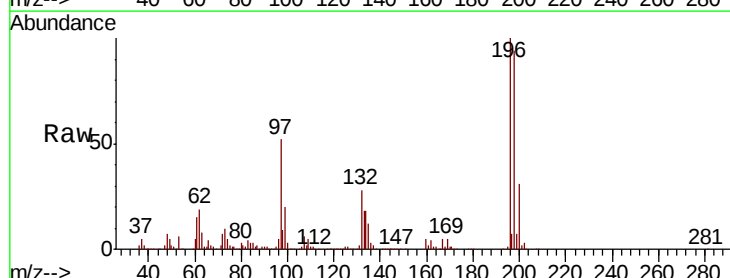
Manual Integrations
 APPROVED

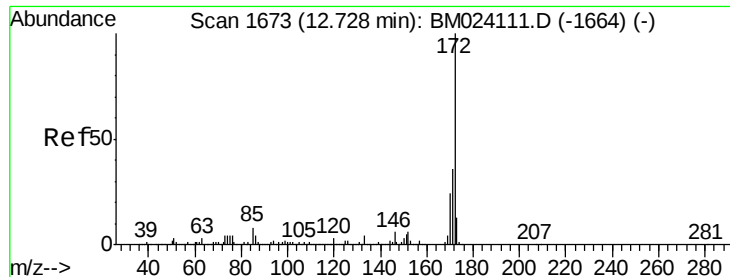
mohammad
 12/17/2019 3:20:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.405 ng
 RT: 12.61 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion:196 Resp: 1146002
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 52.1 42.9 64.3
 132 27.6 22.6 33.8





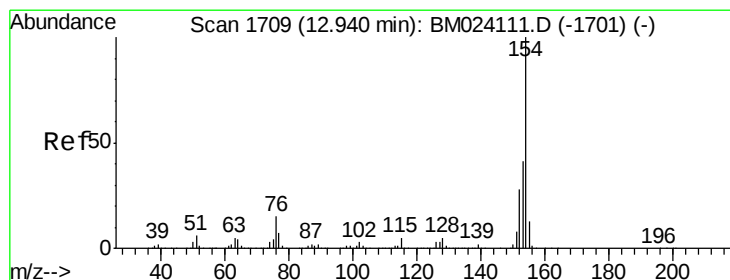
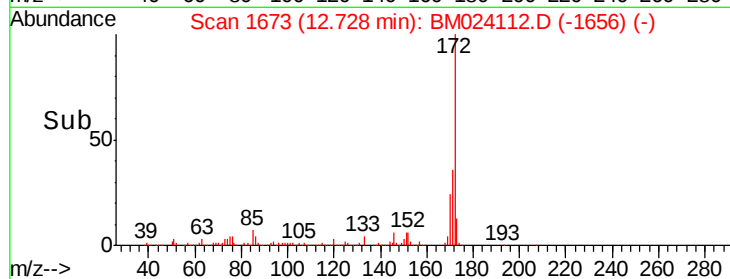
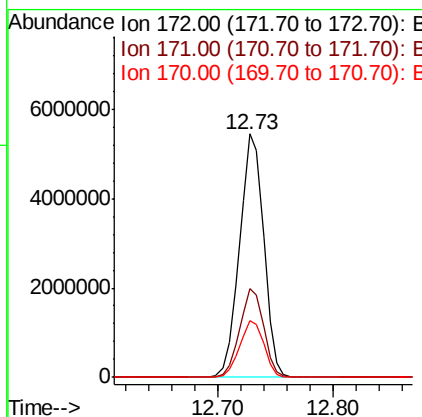
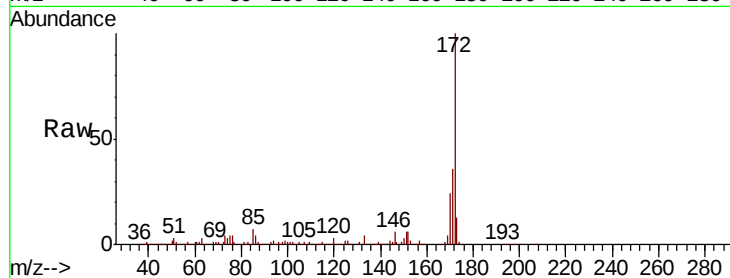
#45
2-Fluorobiphenyl
Concen: 101.340 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	23.5	18.9	28.3

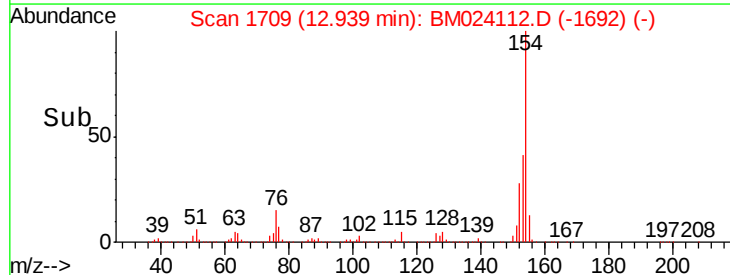
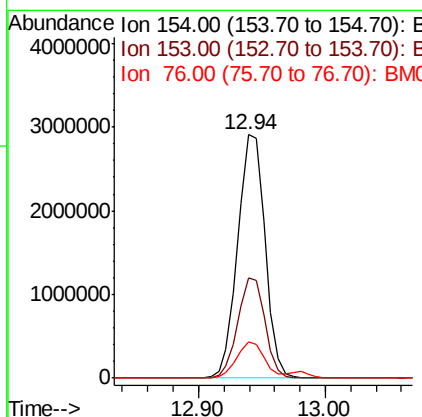
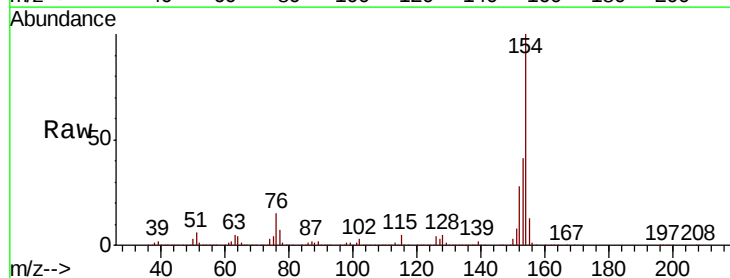
Manual Integrations
APPROVED

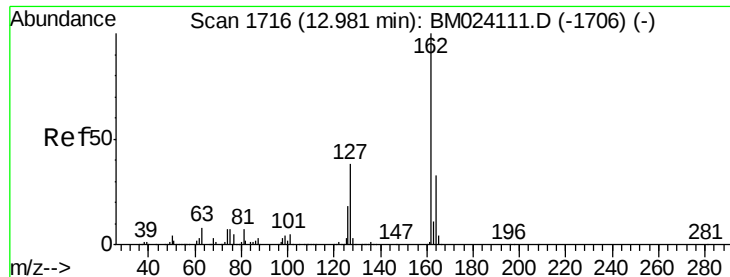
mohammad
12/17/2019 3:20:17 PM



#46
1,1'-Biphenyl
Concen: 48.904 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	15.0	0.0	35.1





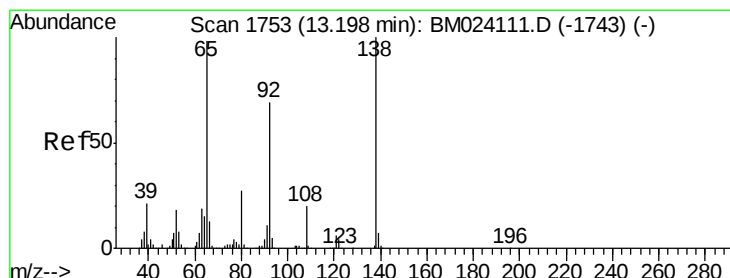
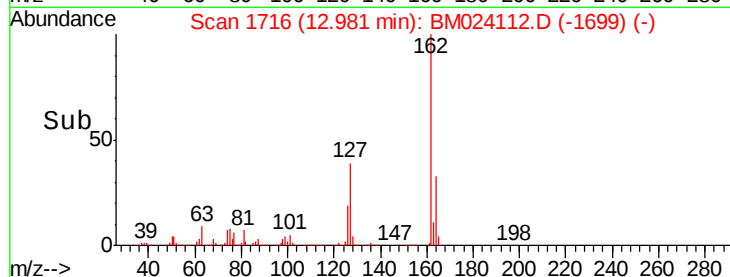
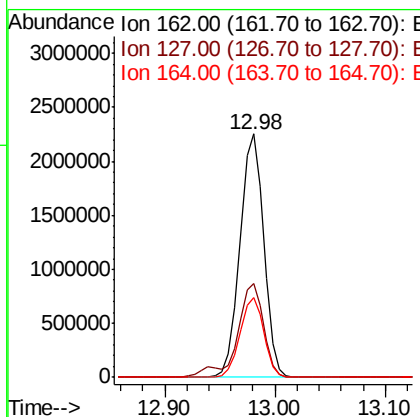
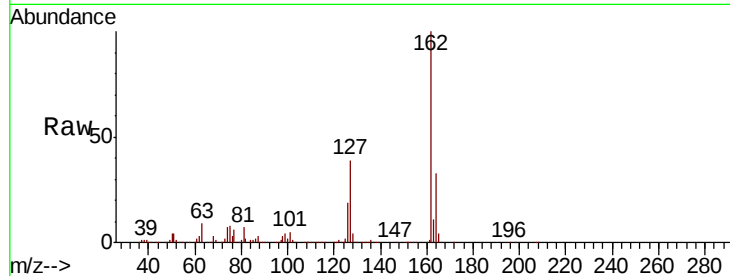
#47
2-Chloronaphthalene
Concen: 51.807 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.0	26.2	39.2

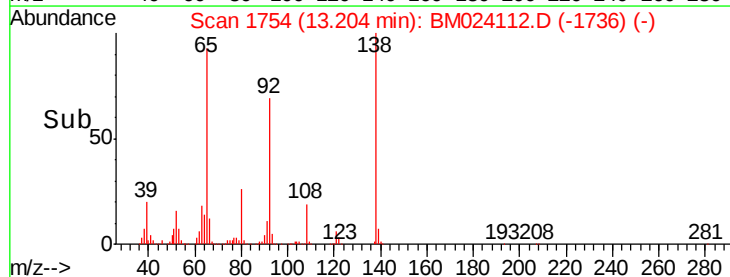
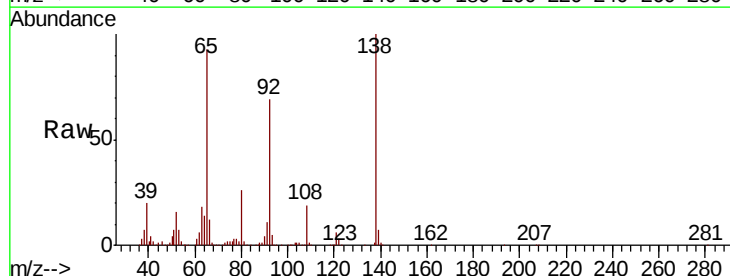
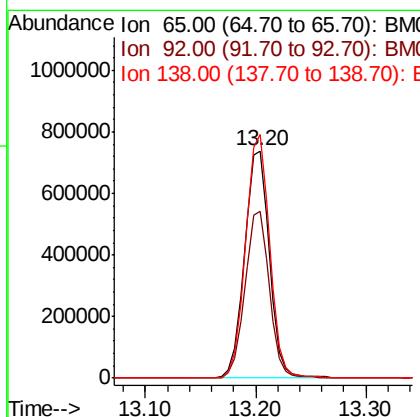
Manual Integrations
APPROVED

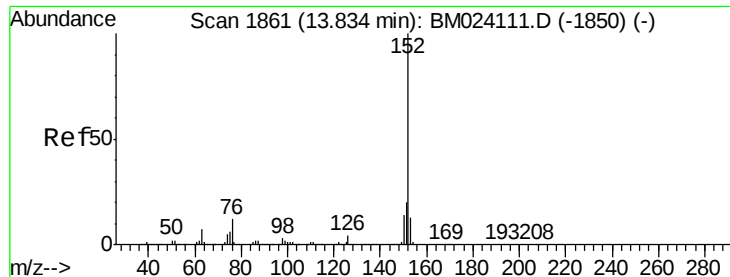
mohammad
12/17/2019 3:20:17 PM



#48
2-Nitroaniline
Concen: 68.014 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	56.4	84.6
138	107.0	81.9	122.9





#49

Acenaphthylene

Concen: 54.597 ng

RT: 13.83 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 5351711

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

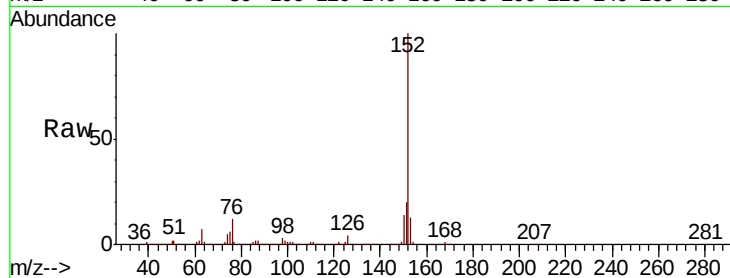
153 13.1 10.6 15.8

Manual Integrations

APPROVED

mohammad

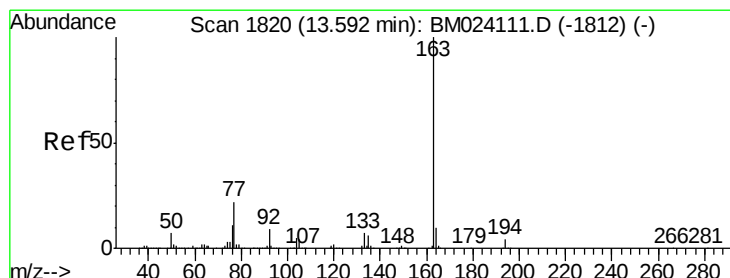
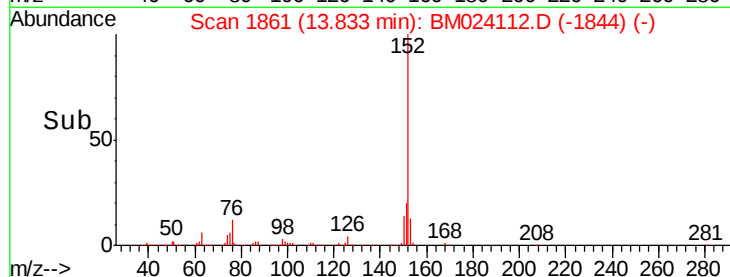
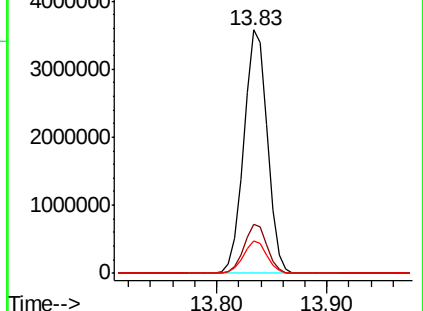
12/17/2019 3:20:17 PM



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: 57.083 ng

RT: 13.60 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

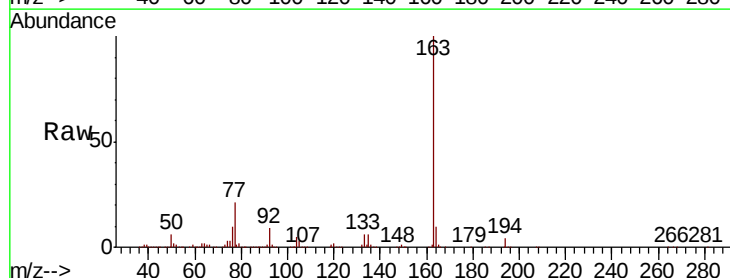
Tgt Ion:163 Resp: 4426593

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

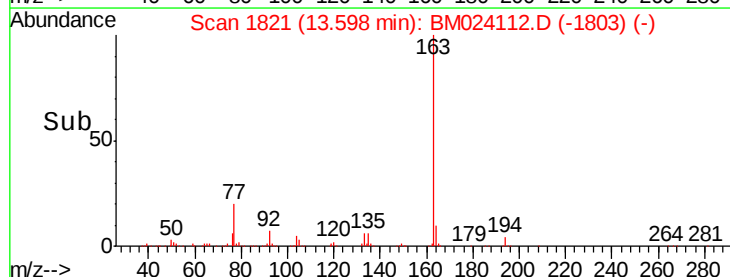
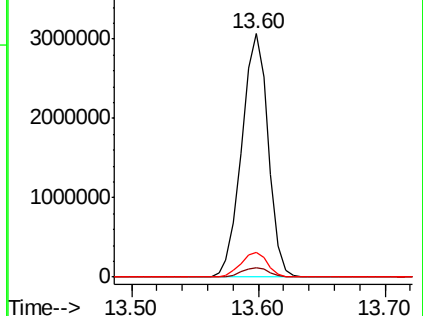
164 10.0 8.1 12.1

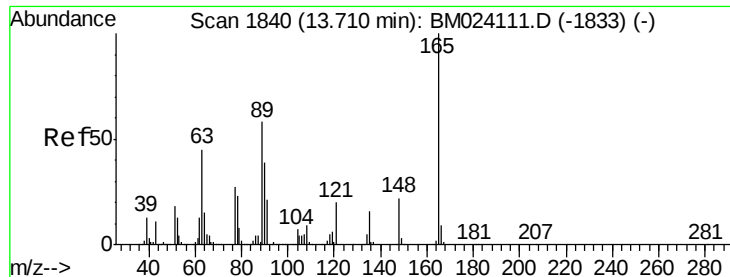


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





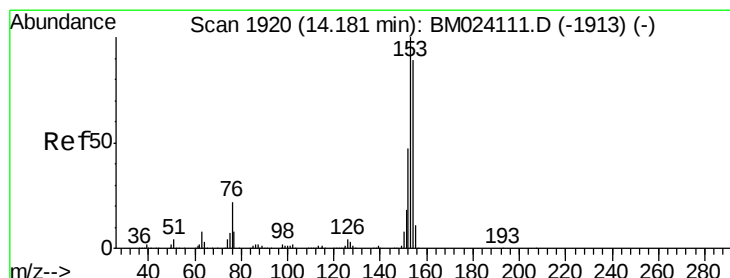
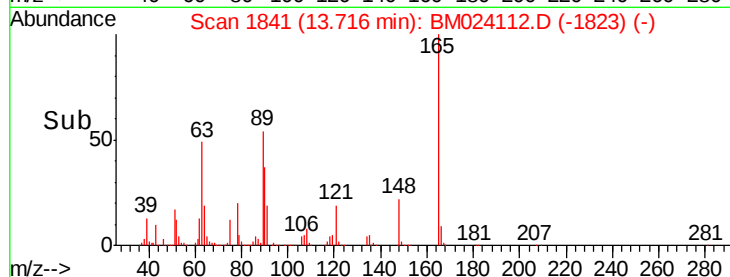
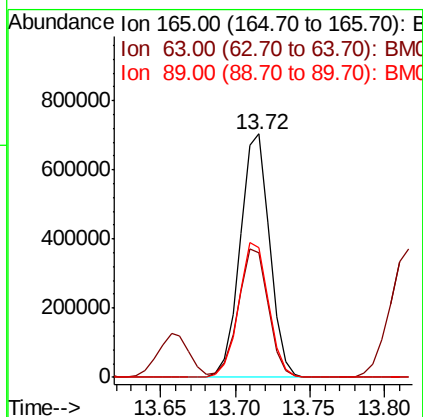
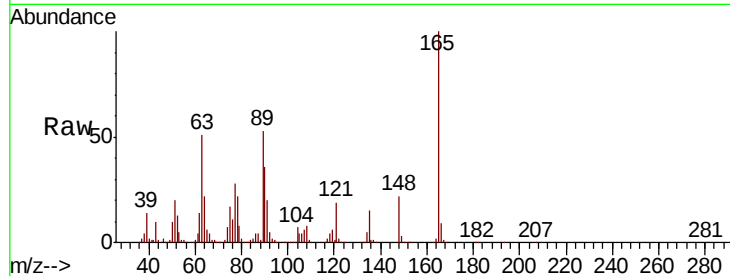
#51
2,6-Dinitrotoluene
Concen: 59.307 ng
RT: 13.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	43.0	64.6
89	53.2	46.4	69.6

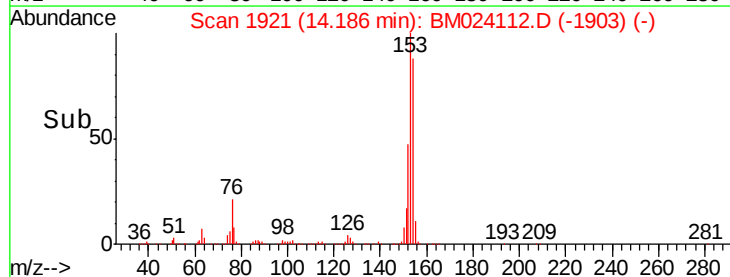
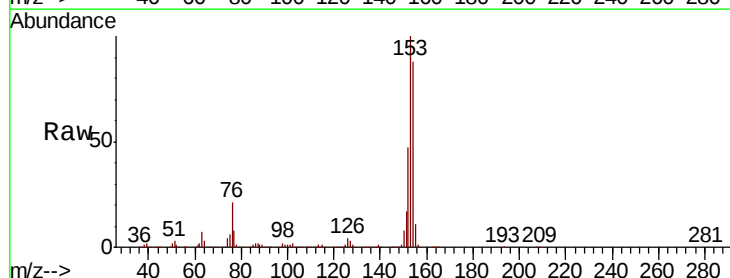
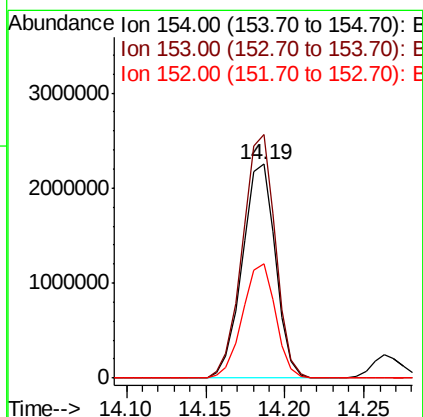
Manual Integrations
APPROVED

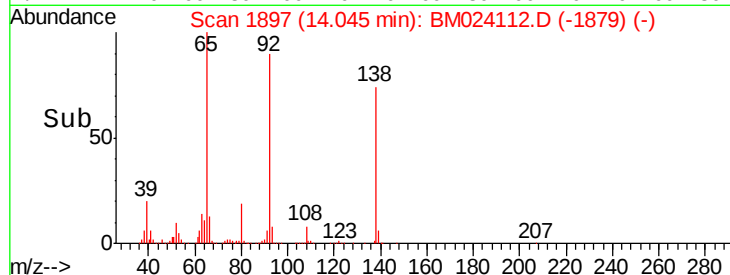
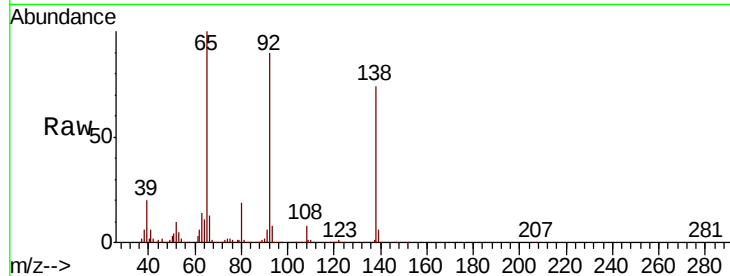
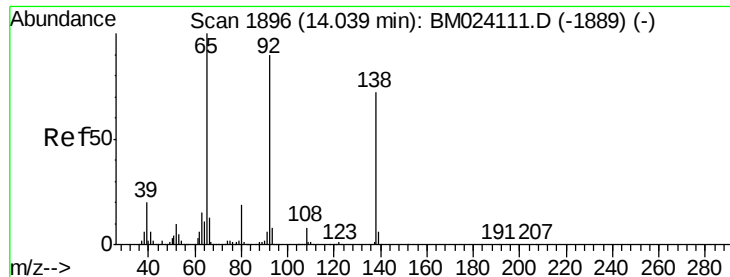
mohammad
12/17/2019 3:20:17 PM



#52
Acenaphthene
Concen: 50.936 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.4	135.6
152	53.4	42.3	63.5





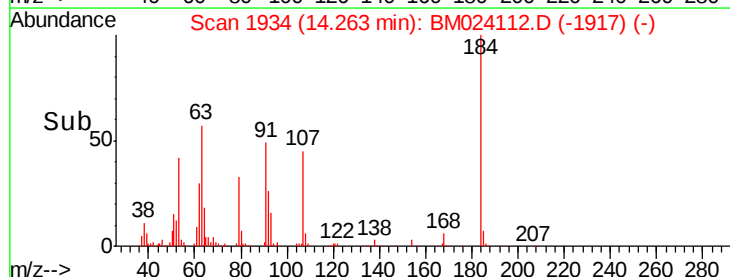
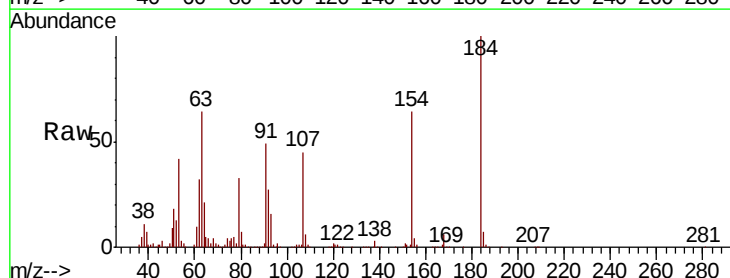
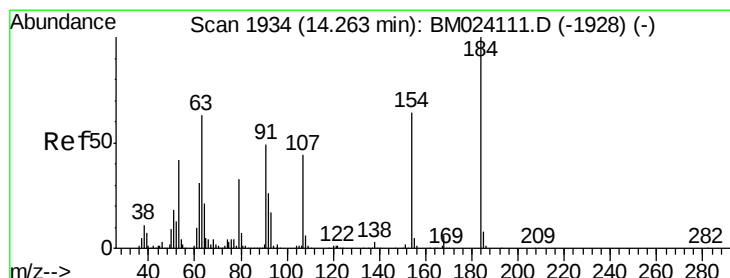
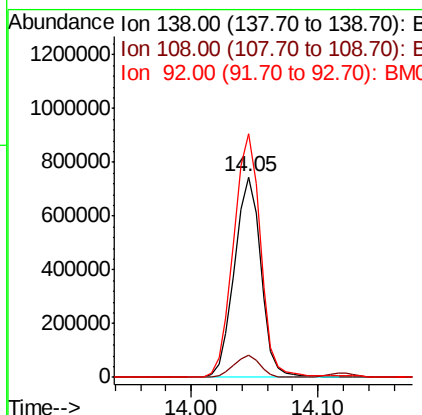
#53
3-Nitroaniline
Concen: 57.747 ng
RT: 14.05 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	121.7	100.6	150.8

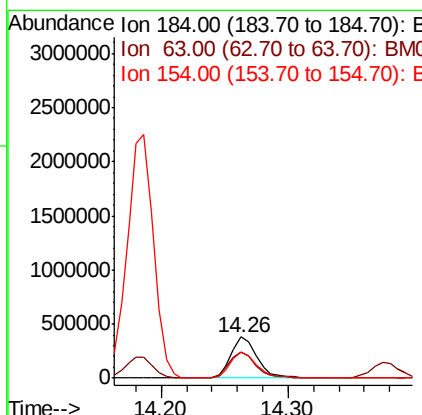
Manual Integrations
APPROVED

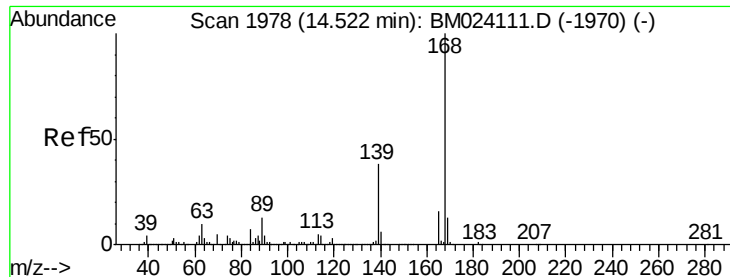
mohammad
12/17/2019 3:20:17 PM



#54
2,4-Dinitrophenol
Concen: 71.228 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	50.2	75.4
154	63.8	51.8	77.8





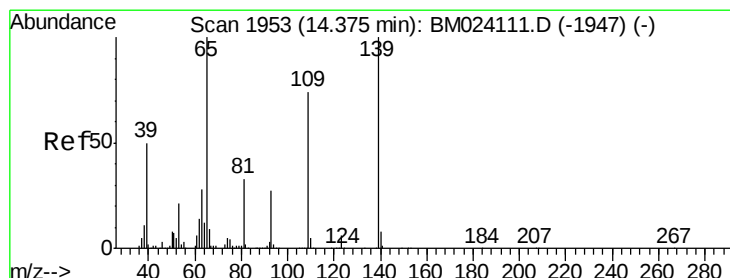
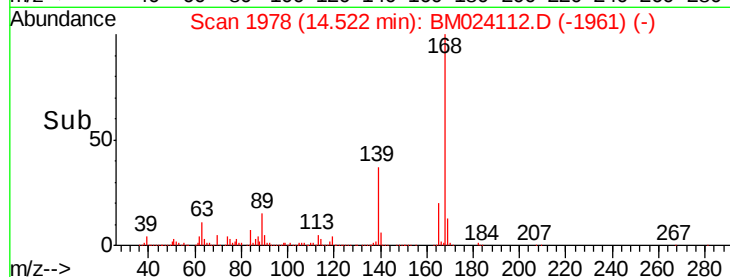
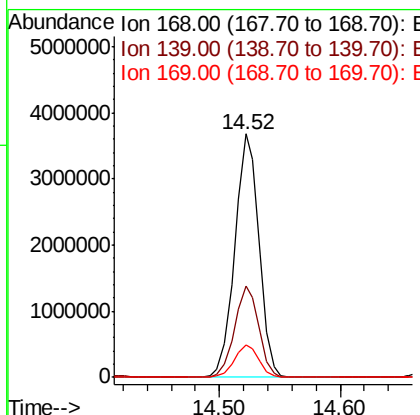
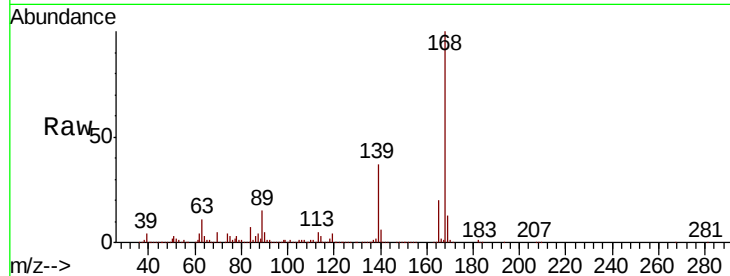
#55
Dibenzofuran
Concen: 54.622 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.4	45.6
169	13.4	10.6	16.0

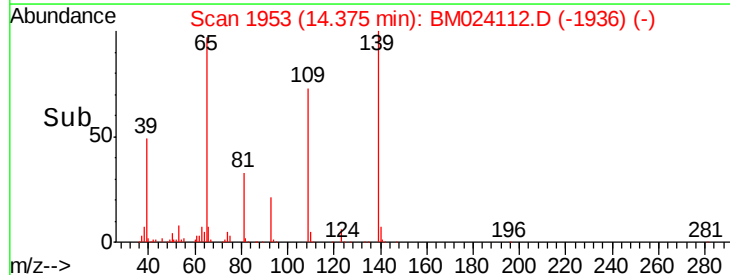
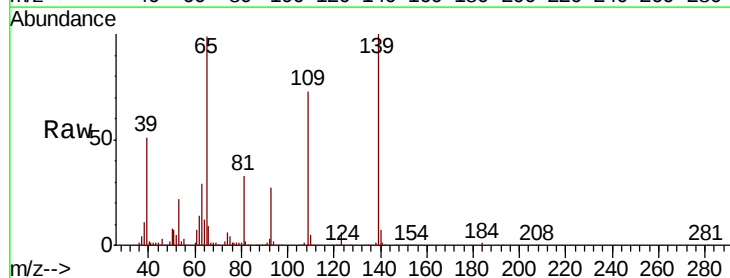
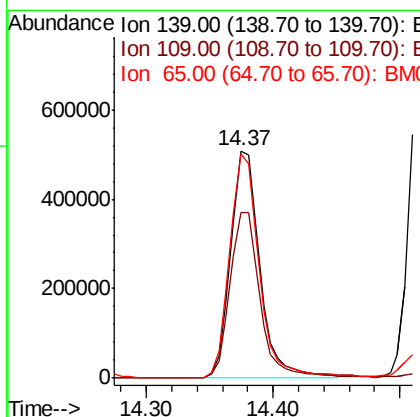
Manual Integrations
APPROVED

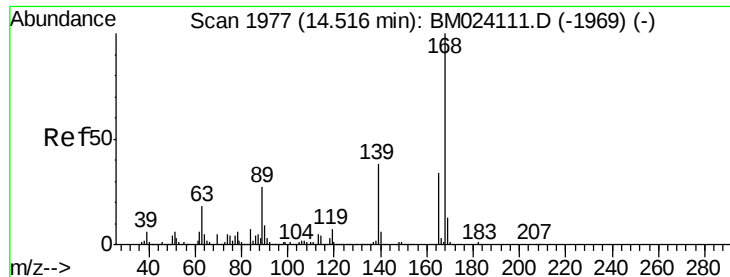
mohammad
12/17/2019 3:20:17 PM



#56
4-Nitrophenol
Concen: 56.525 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	54.2	94.2
65	99.1	80.5	120.5





#57

2,4-Dinitrotoluene

Concen: 65.363 ng

RT: 14.52 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 1388969

Ion Ratio Lower Upper

165 100

63 51.0 42.6 64.0

89 75.6 61.6 92.4

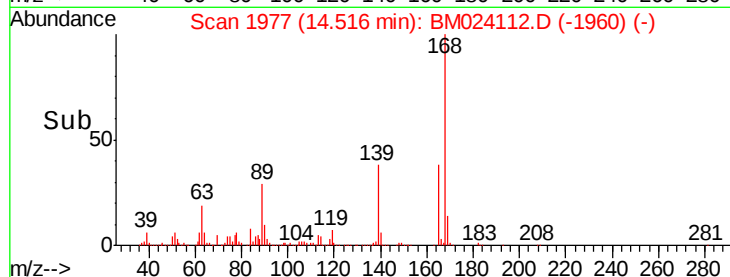
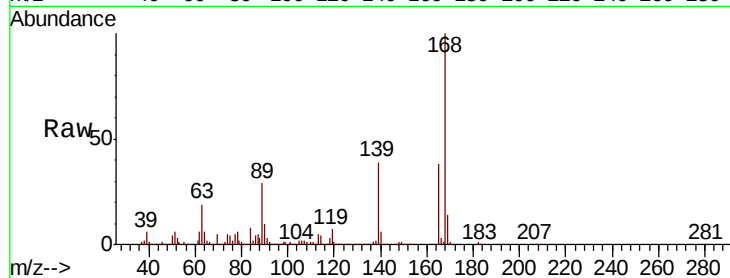
182 3.1 2.4 3.6

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM

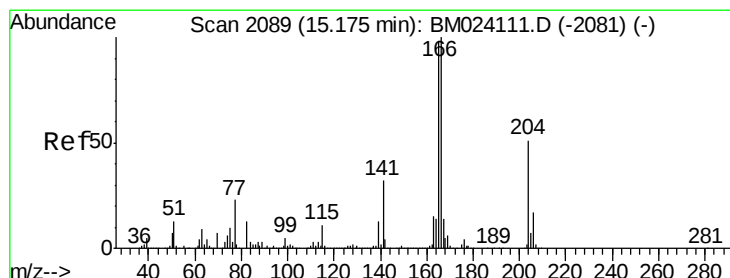
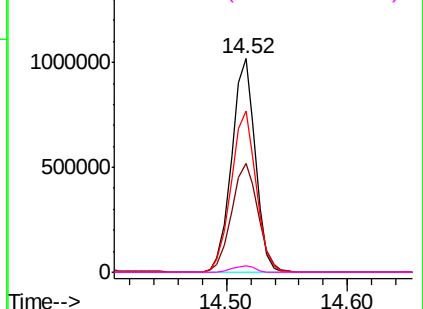


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 56.189 ng

RT: 15.17 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

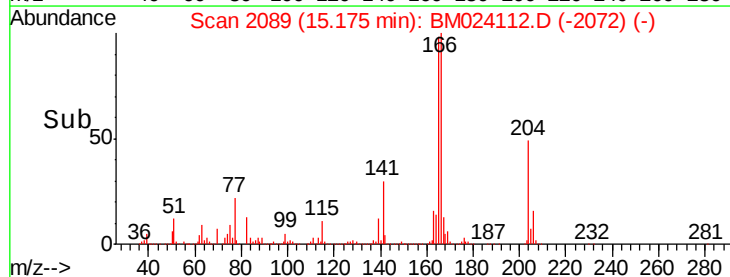
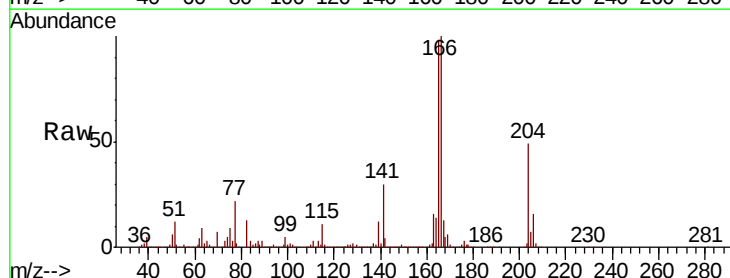
Tgt Ion:166 Resp: 4274736

Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

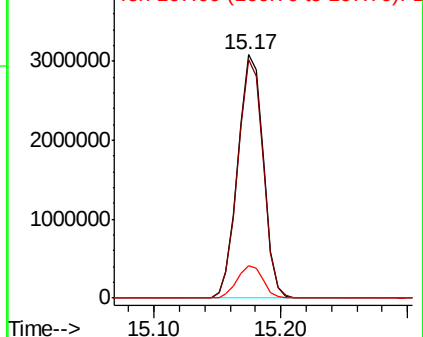
167 13.4 10.9 16.3

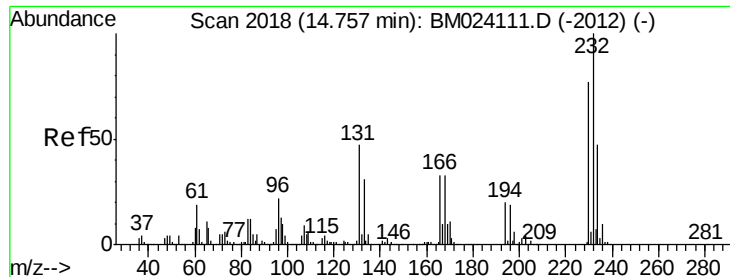


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





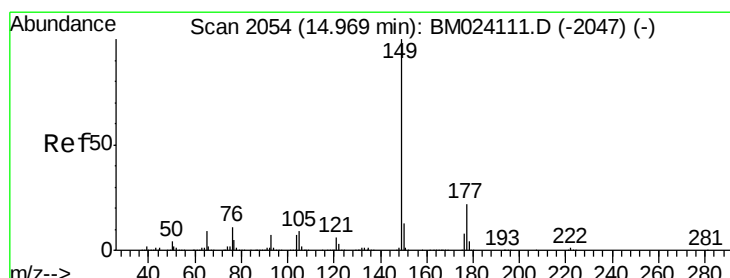
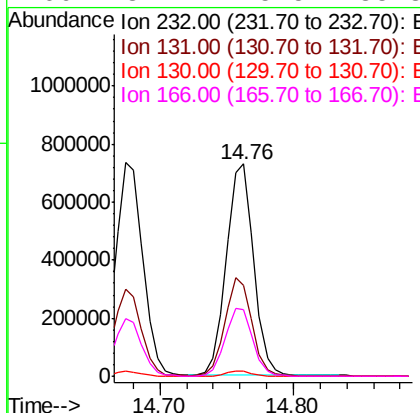
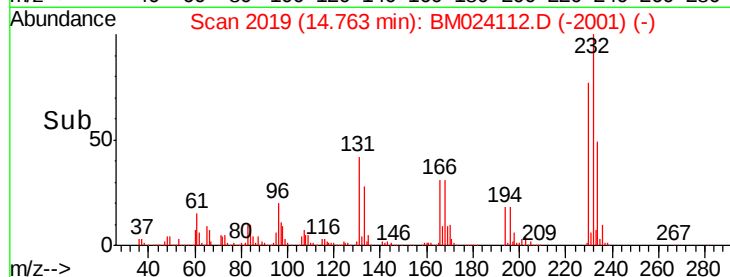
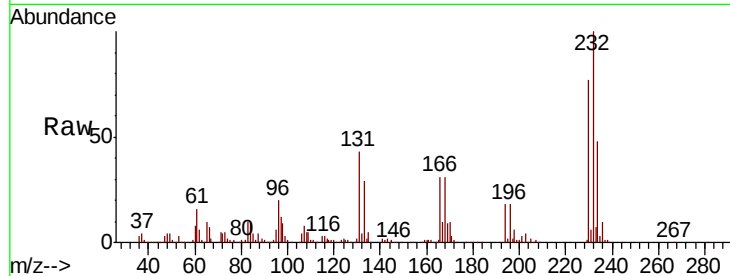
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.779 ng
RT: 14.76 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:	232	Resp:	1044737
Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.1	54.1
130	2.3	1.9	2.9
166	32.2	25.5	38.3

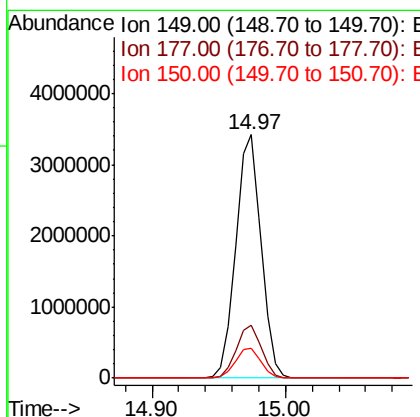
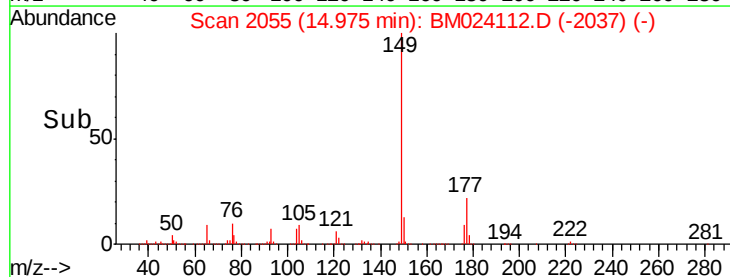
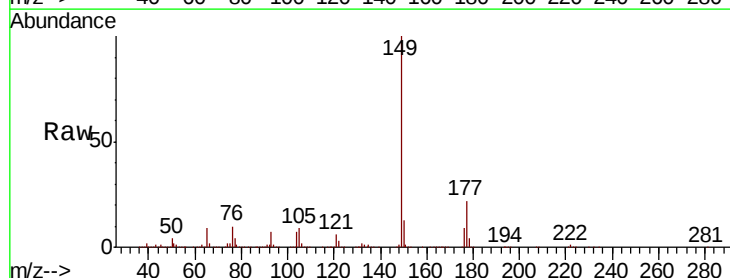
Manual Integrations
APPROVED

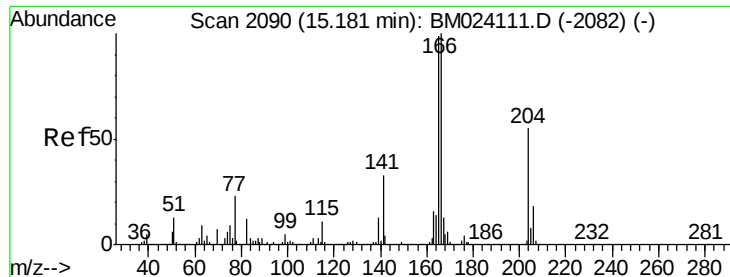
mohammad
12/17/2019 3:20:17 PM



#60
Diethylphthalate
Concen: 59.624 ng
RT: 14.97 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:	149	Resp:	4495740
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.5	10.1	15.1





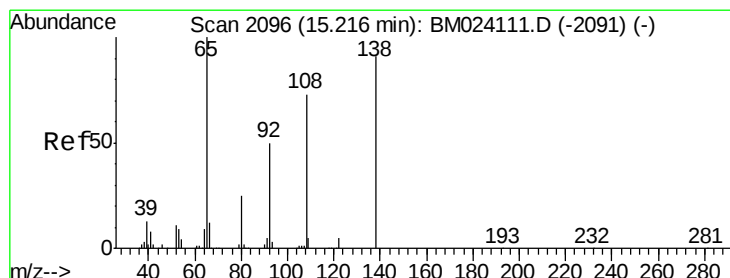
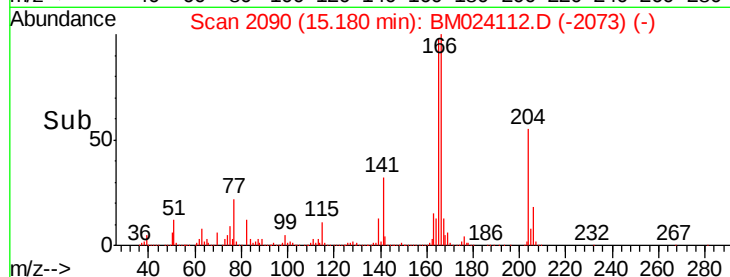
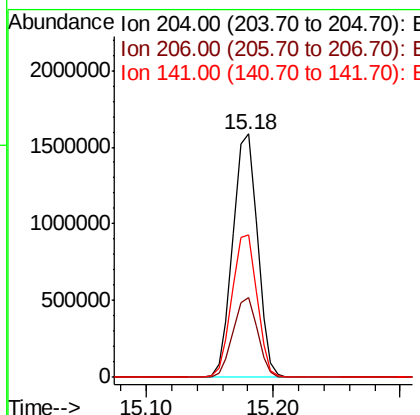
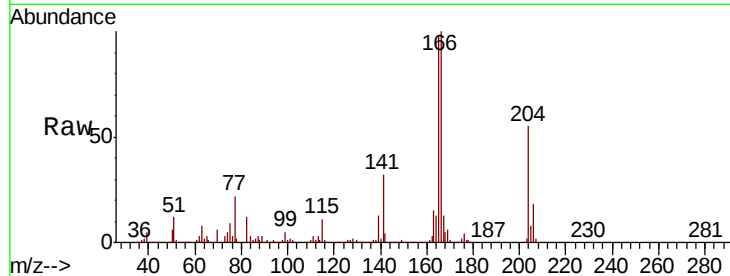
#61
4-Chlorophenyl-phenylether
Concen: 54.488 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion:204 Resp: 2129953
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 58.7 47.0 70.4

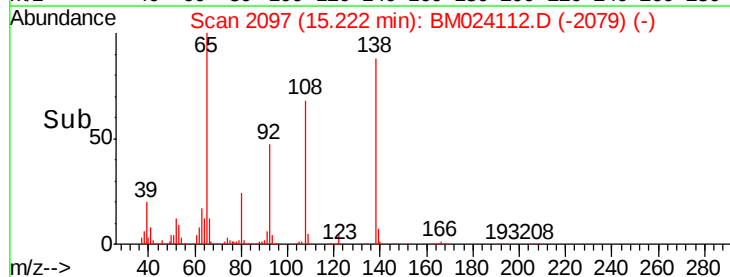
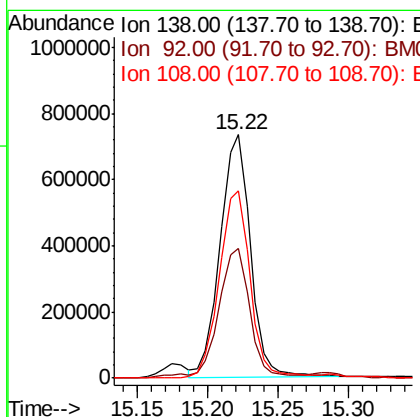
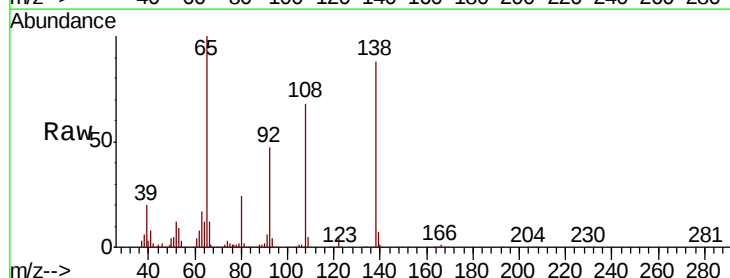
Manual Integrations
APPROVED

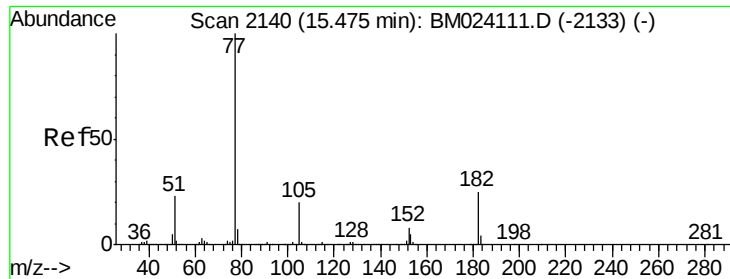
mohammad
12/17/2019 3:20:17 PM



#62
4-Nitroaniline
Concen: 55.749 ng
RT: 15.22 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:138 Resp: 1091431
Ion Ratio Lower Upper
138 100
92 53.4 33.8 73.8
108 77.1 57.6 97.6





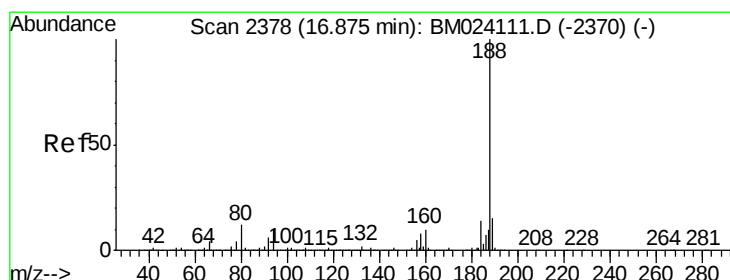
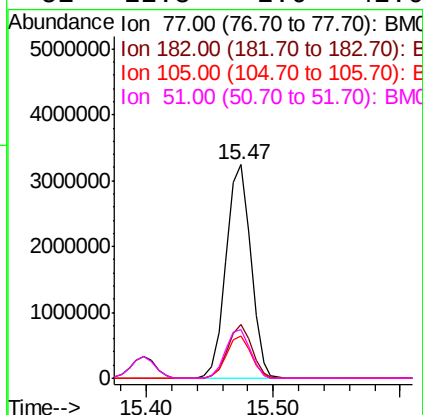
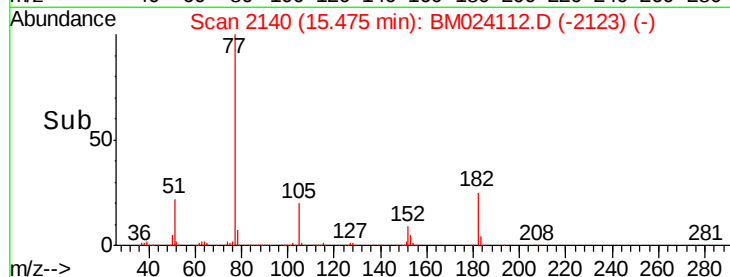
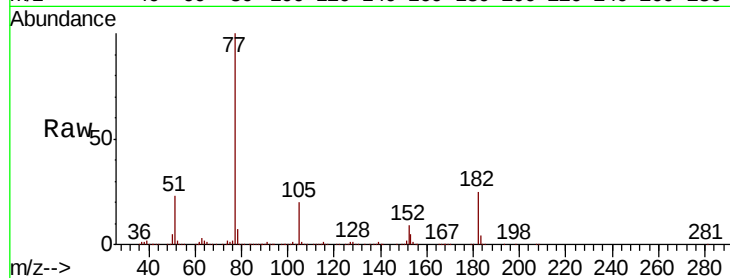
#63
Azobenzene
Concen: 64.223 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.7	44.7
105	20.1	0.0	40.0
51	22.8	2.6	42.6

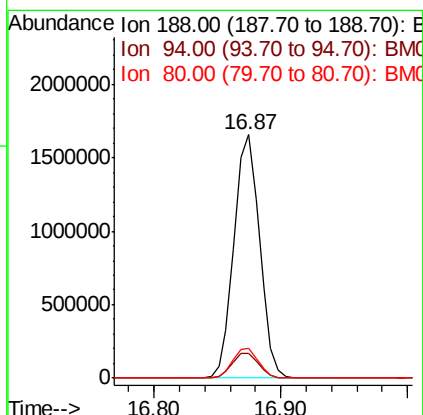
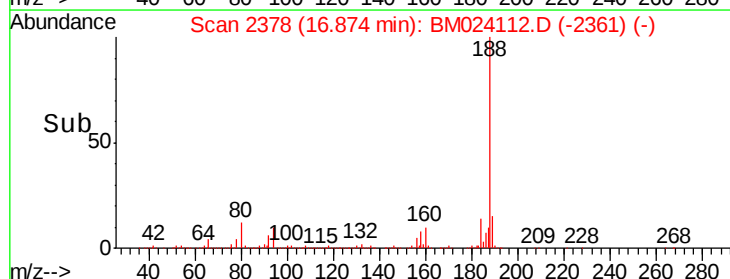
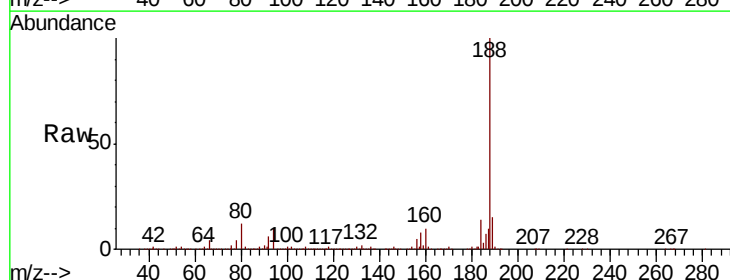
Manual Integrations
APPROVED

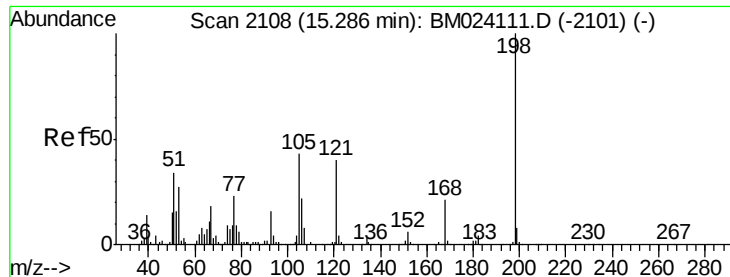
mohammad
12/17/2019 3:20:17 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	12.2	9.6	14.4





#65

4,6-Dinitro-2-methylphenol

Concen: 66.126 ng

RT: 15.29 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 718553

Ion Ratio Lower Upper

198 100

51 36.1 15.0 55.0

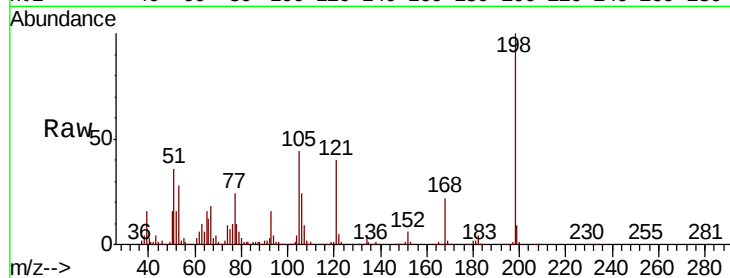
105 43.8 22.9 62.9

Manual Integrations

APPROVED

mohammad

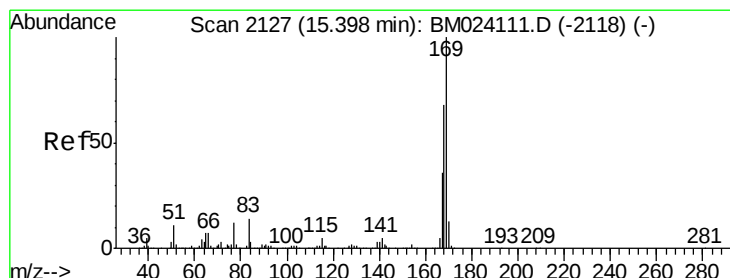
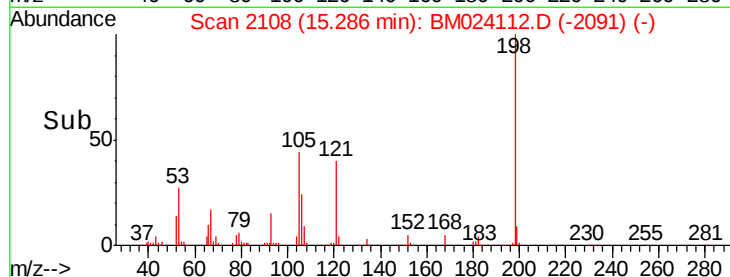
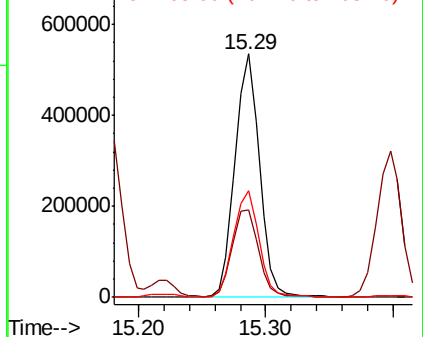
12/17/2019 3:20:17 PM



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: 51.983 ng

RT: 15.40 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

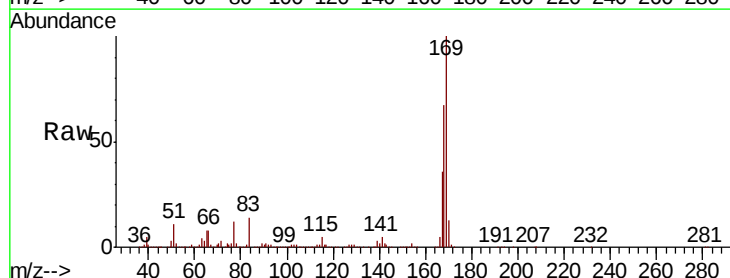
Tgt Ion:169 Resp: 3684739

Ion Ratio Lower Upper

169 100

168 67.4 54.0 81.0

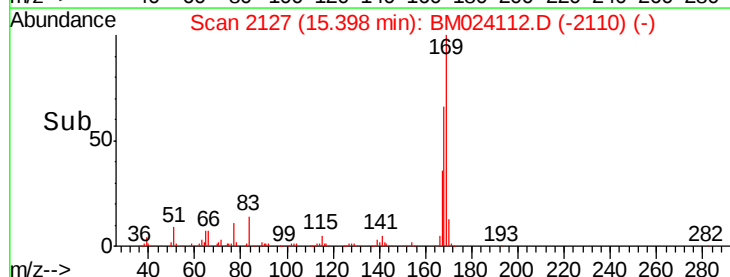
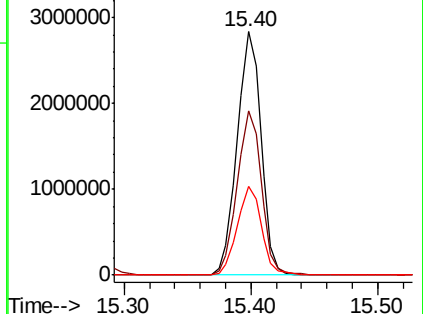
167 36.4 28.9 43.3

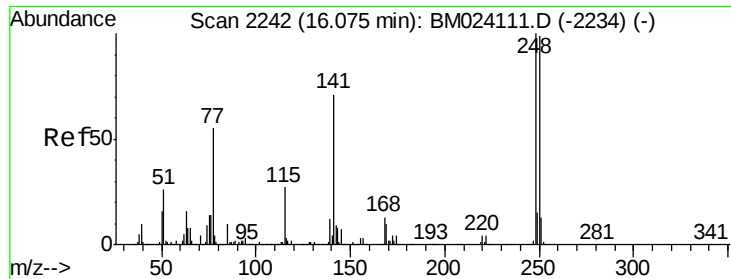


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





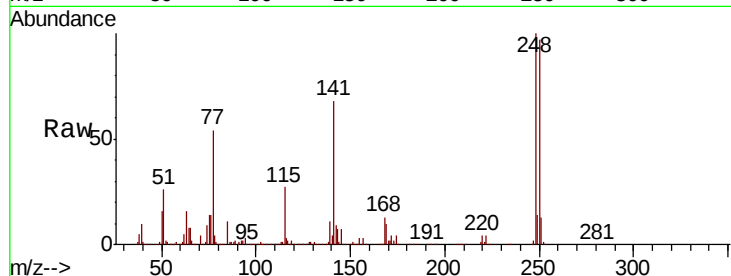
#67
4-Bromophenyl-phenylether
Concen: 53.693 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.1	118.7
141	68.0	56.8	85.2

Manual Integrations
APPROVED

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

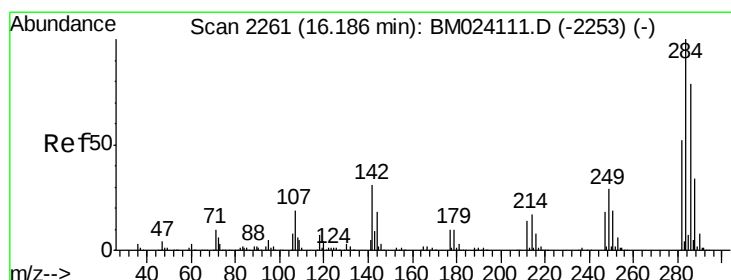
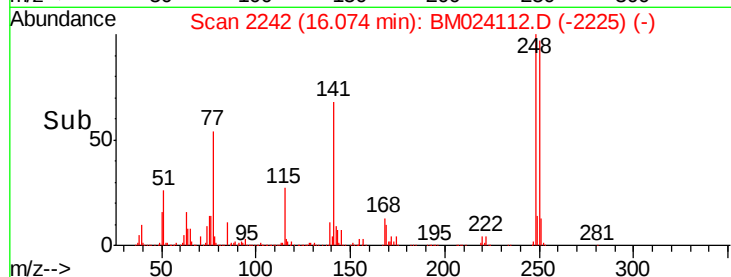
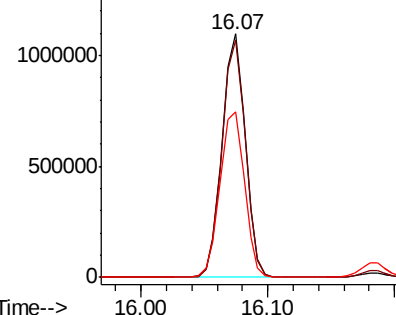


Abundance

Ion 248.00 (247.70 to 248.70): E

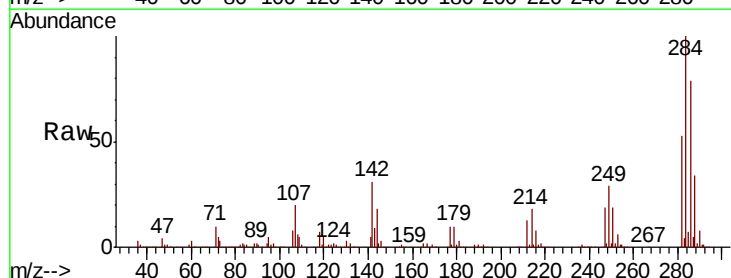
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 55.694 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.4	23.5	35.3

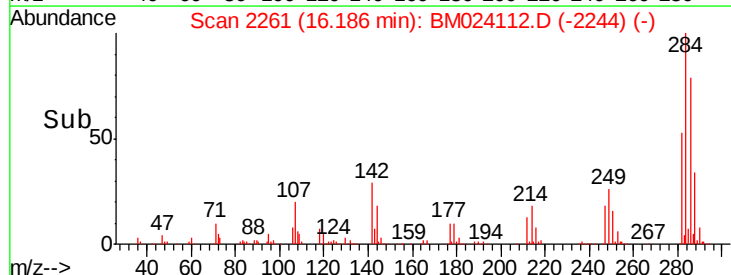
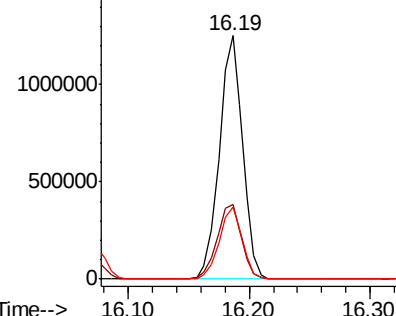


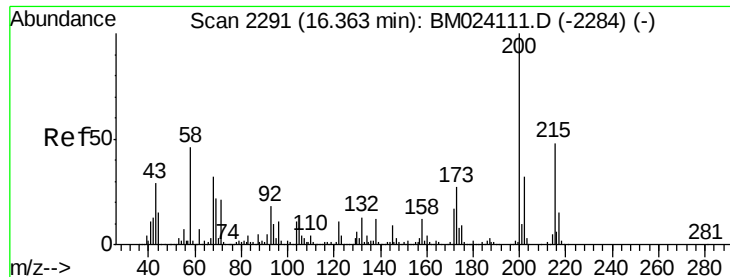
Abundance

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





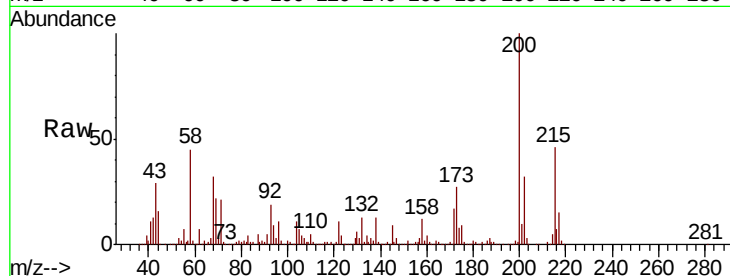
#69
Atrazine
Concen: 36.299 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.2	47.2
215	46.3	27.9	67.9

Manual Integrations
APPROVED

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

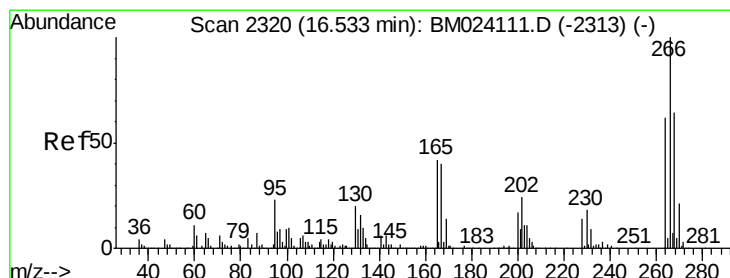
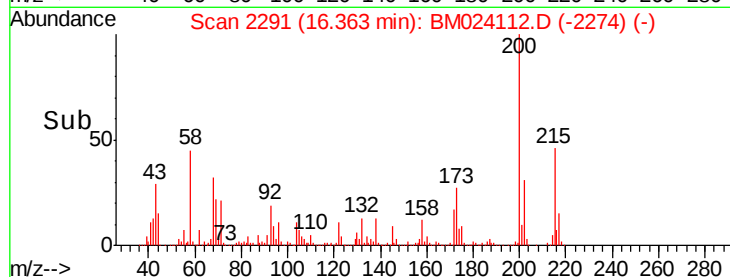
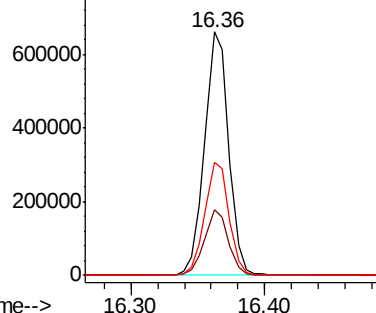


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 51.488 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

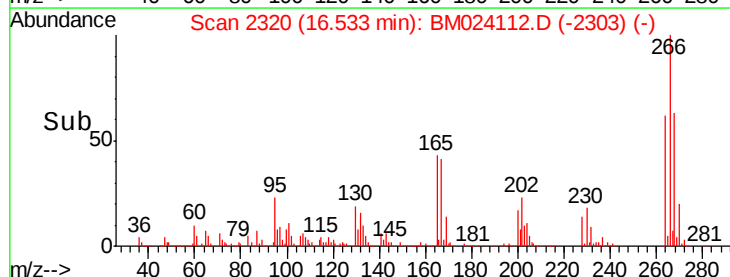
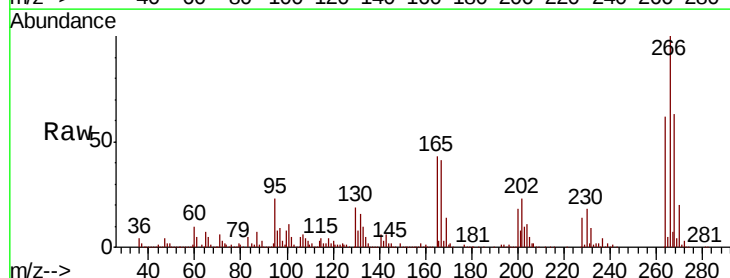
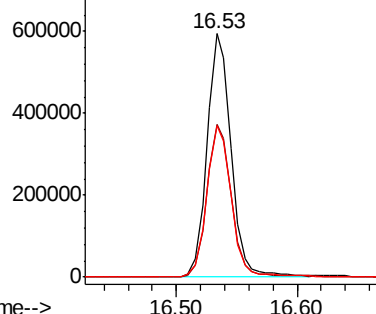
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	62.3	49.6	74.4

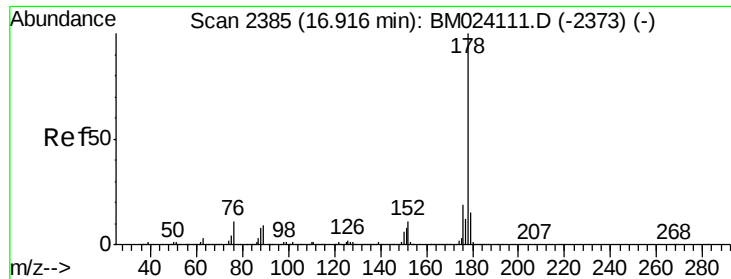
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





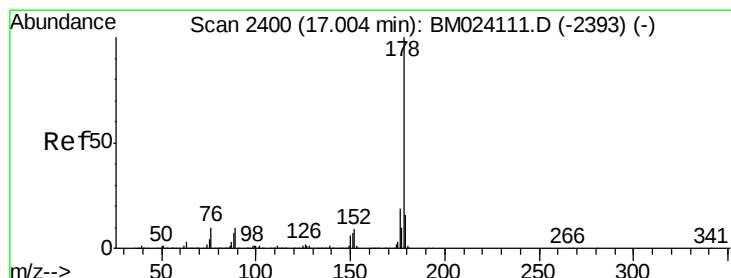
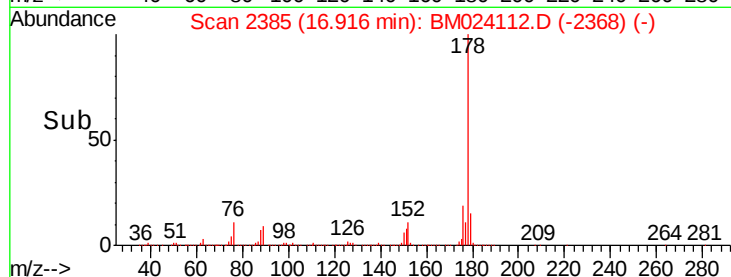
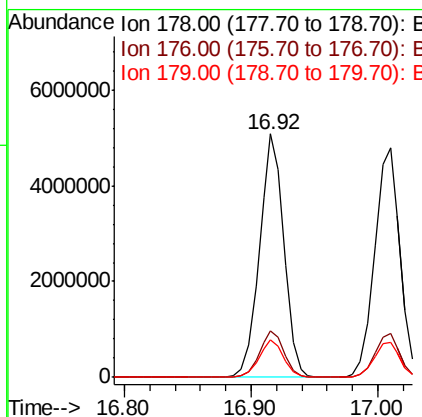
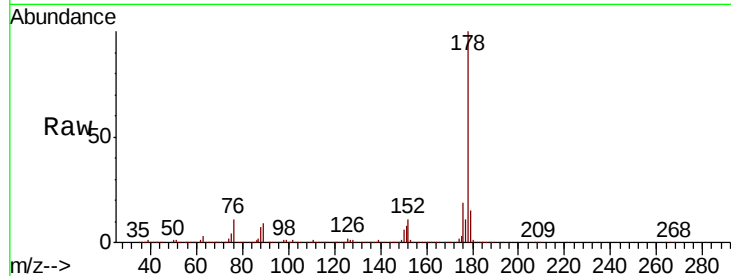
#71
Phenanthrene
Concen: 51.908 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:178 Resp: 6795978
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.2 18.2

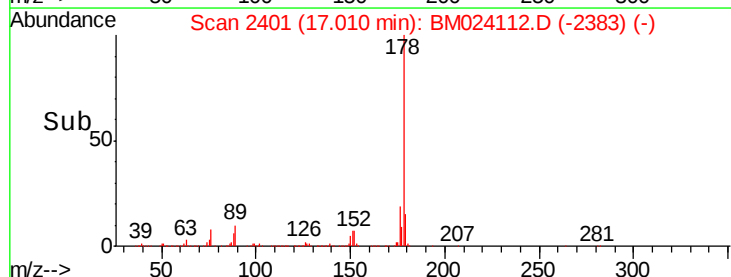
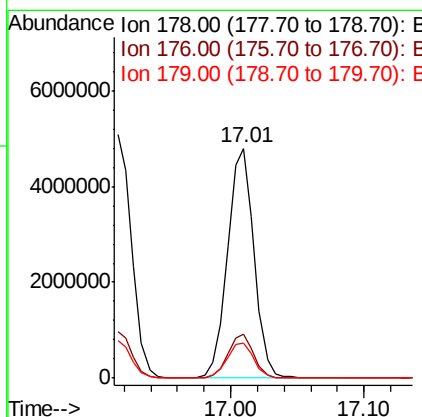
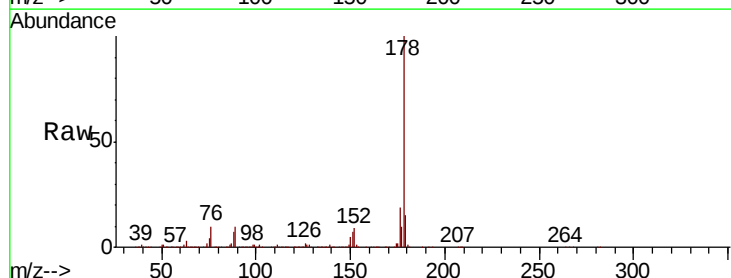
Manual Integrations
APPROVED

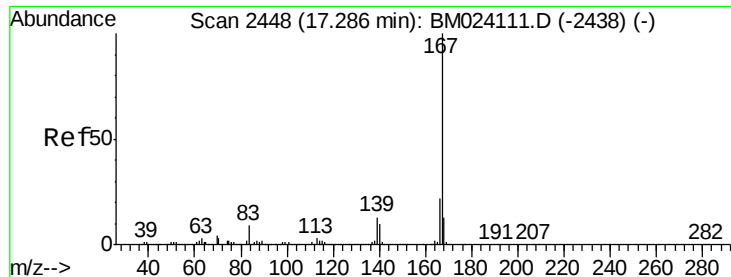
mohammad
12/17/2019 3:20:17 PM



#72
Anthracene
Concen: 52.300 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:178 Resp: 6636083
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.5 18.7





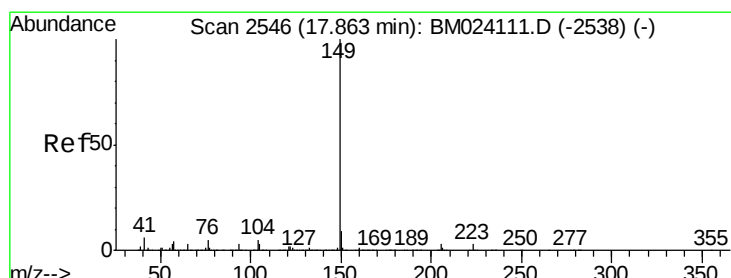
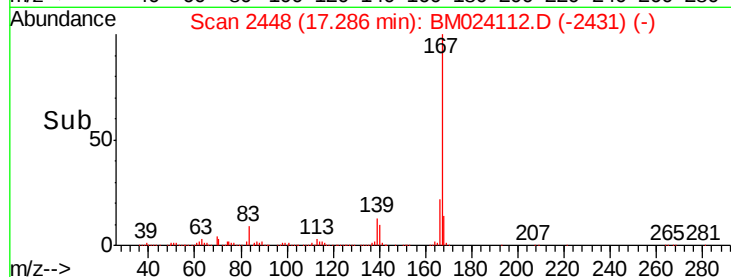
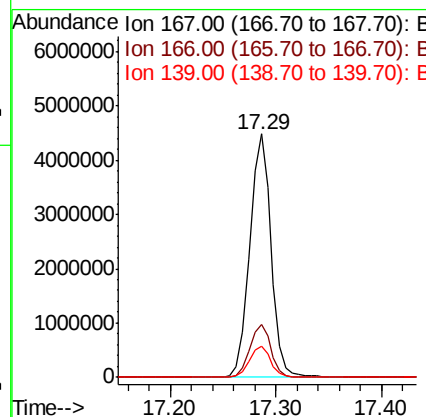
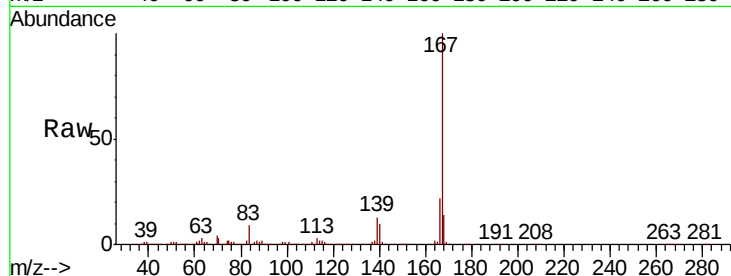
#73
 Carbazole
 Concen: 53.049 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.9	10.2	15.4

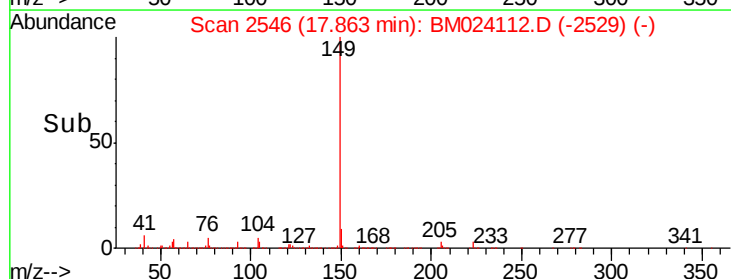
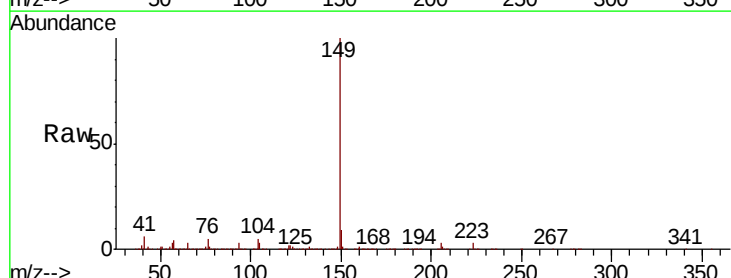
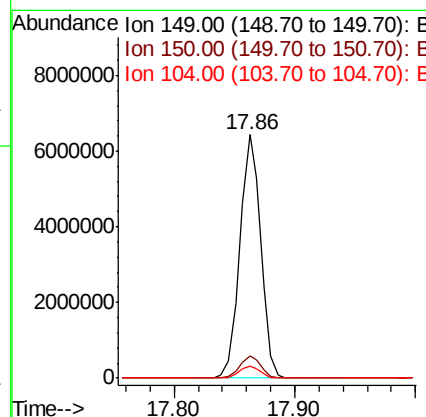
Manual Integrations
 APPROVED

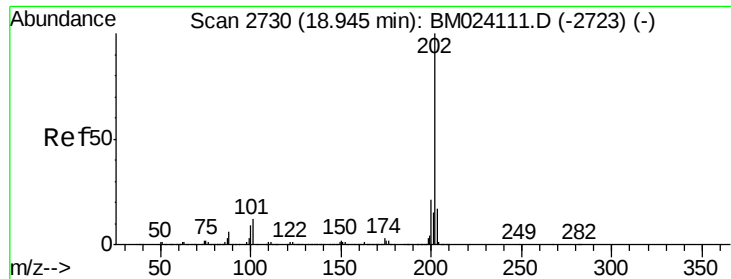
mohammad
 12/17/2019 3:20:17 PM



#74
 Di-n-butylphthalate
 Concen: 57.761 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 52.997 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 7829616

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.0

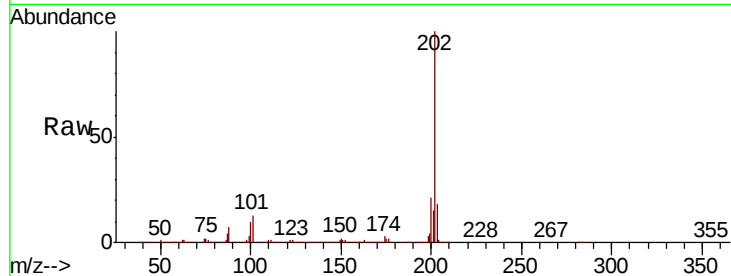
203 17.6 0.0 37.5

Manual Integrations

APPROVED

mohammad

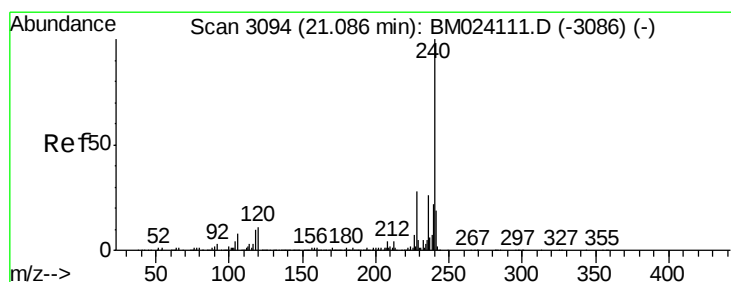
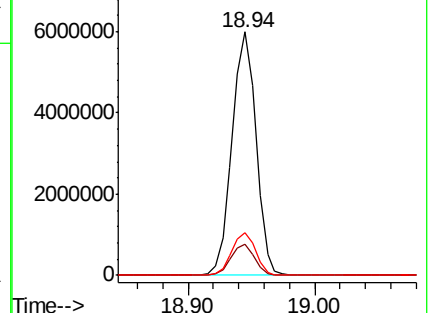
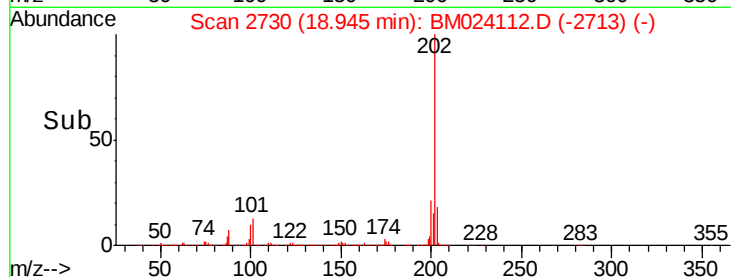
12/17/2019 3:20:17 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

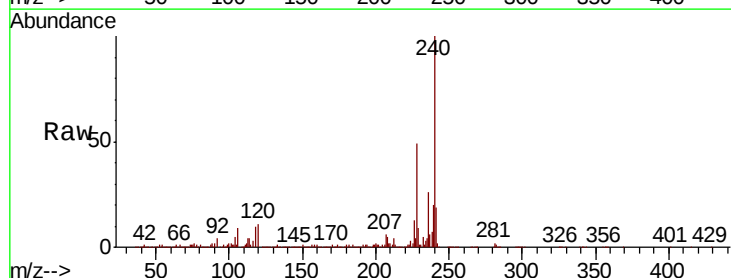
Tgt Ion:240 Resp: 2350908

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

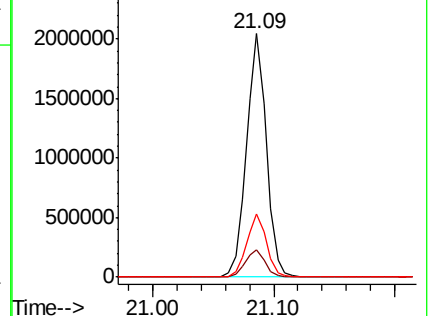
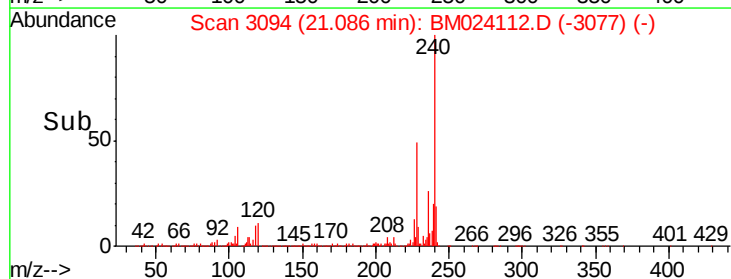
236 25.8 20.7 31.1

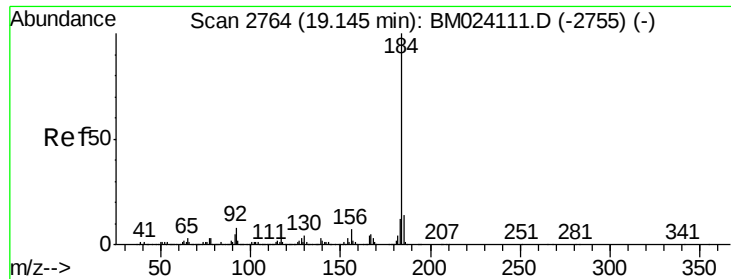


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.265 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1951890

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

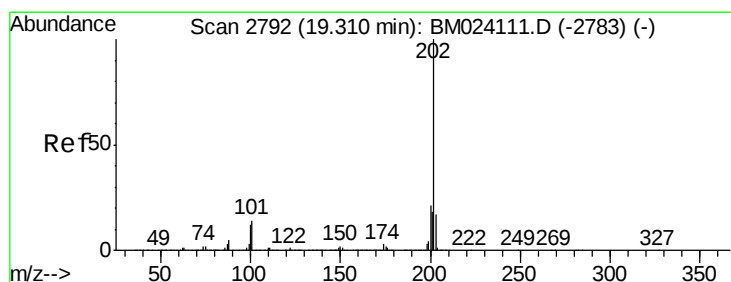
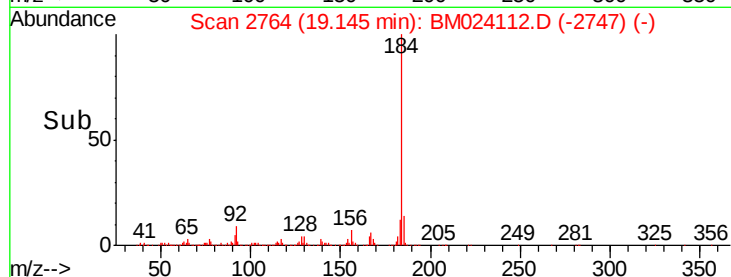
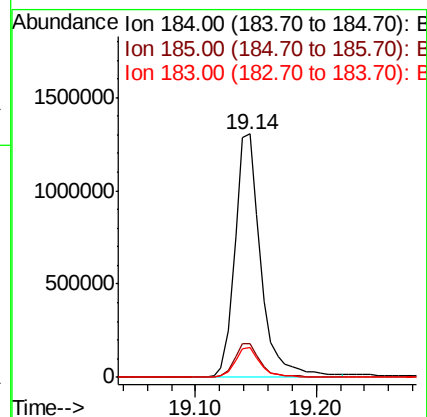
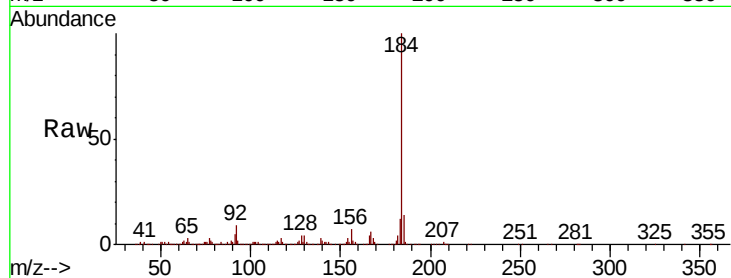
183 12.0 9.9 14.9

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:17 PM



#78

Pyrene

Concen: 52.043 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

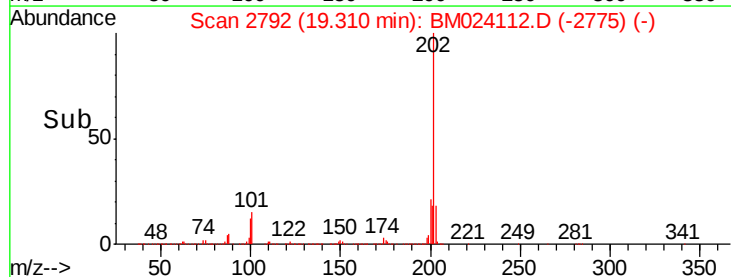
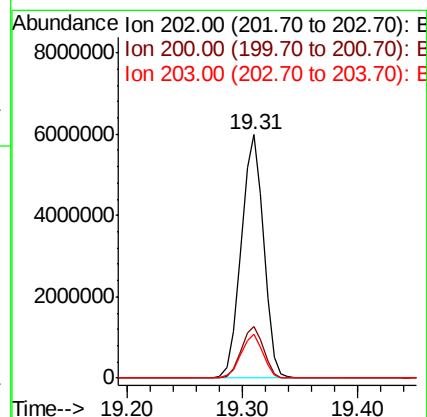
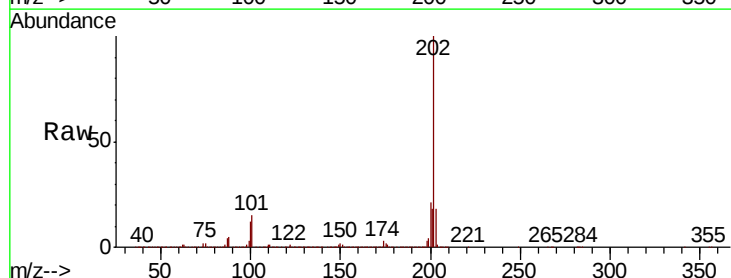
Tgt Ion:202 Resp: 8018100

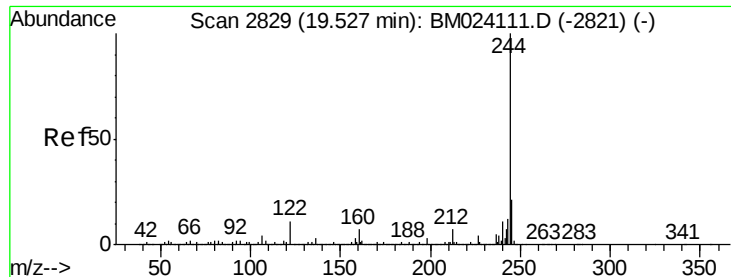
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.0 21.0





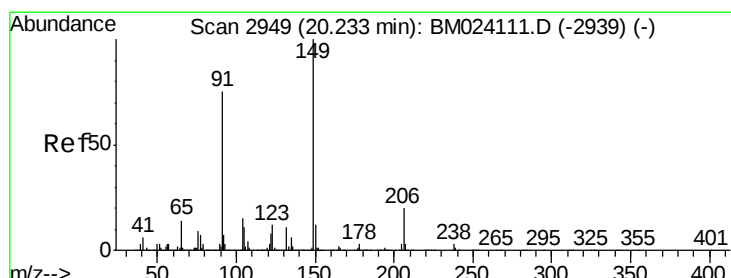
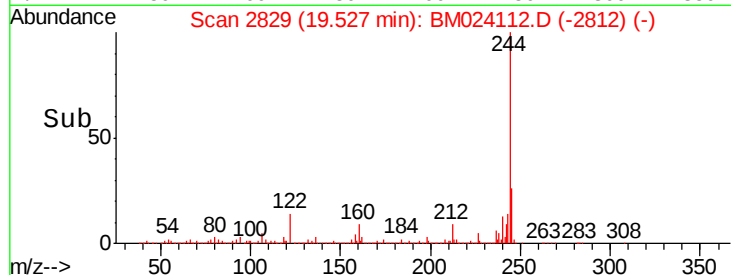
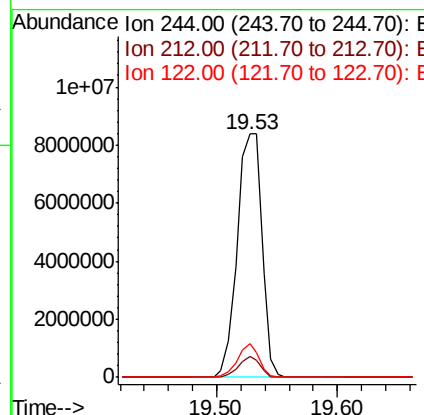
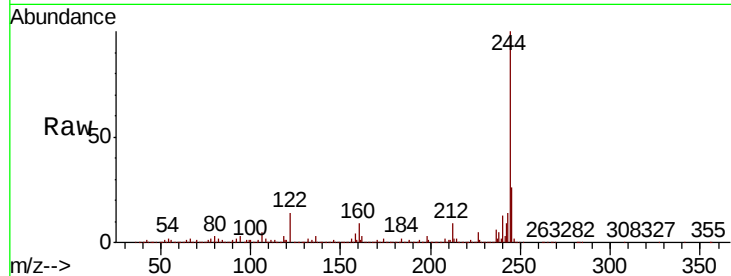
#79
 Terphenyl-d14
 Concen: 99.153 ng
 RT: 19.53 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion:244 Resp:12037915
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.6 8.4#
 122 13.9 8.9 13.3#

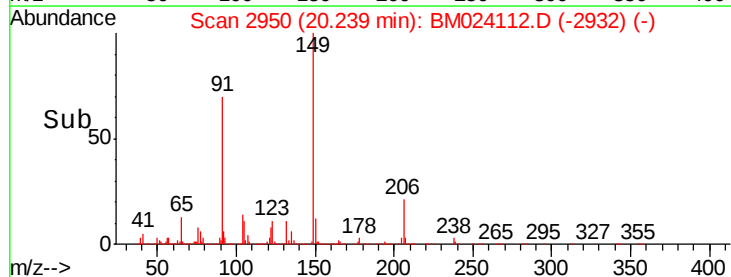
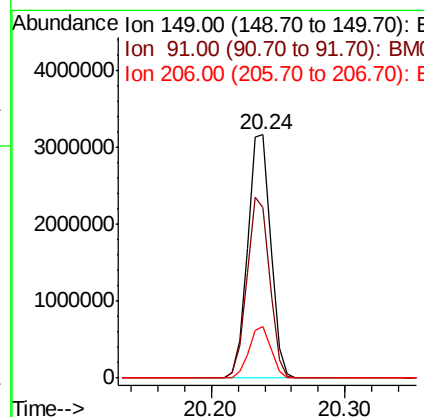
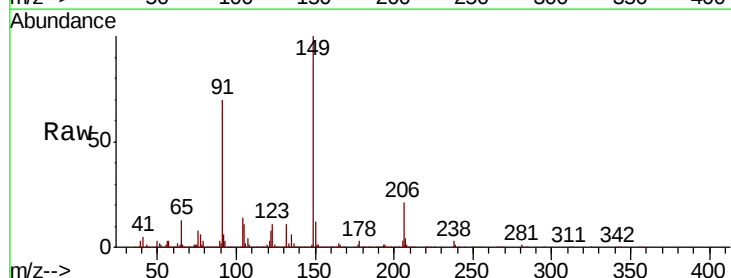
Manual Integrations
 APPROVED

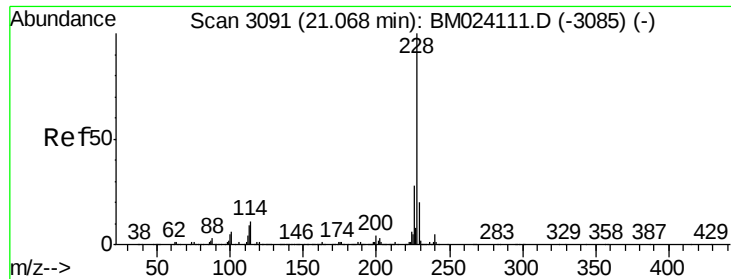
mohammad
 12/17/2019 3:20:17 PM



#80
 Butylbenzylphthalate
 Concen: 63.808 ng
 RT: 20.24 min Scan# 2950
 Delta R.T. 0.01 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion:149 Resp: 3736157
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.7 89.5
 206 21.4 16.0 24.0





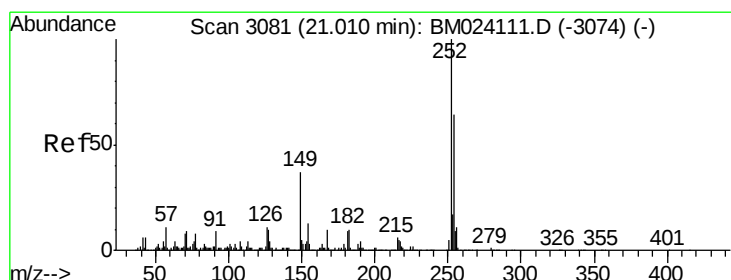
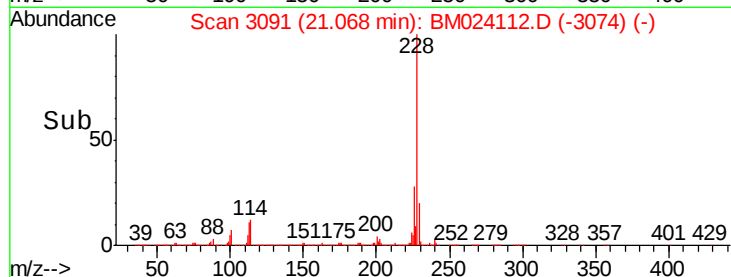
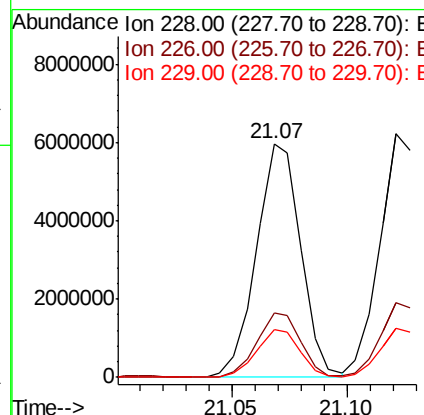
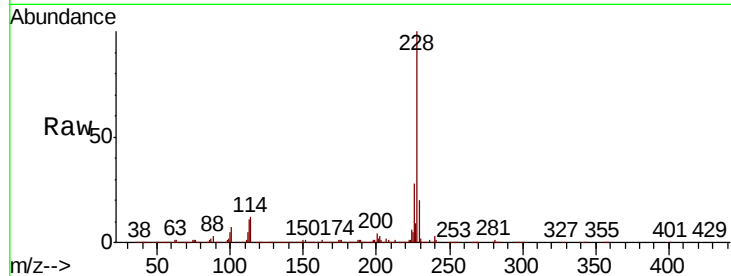
#81
Benzo(a)anthracene
Concen: 52.293 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:228 Resp: 7967692
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.4 16.1 24.1

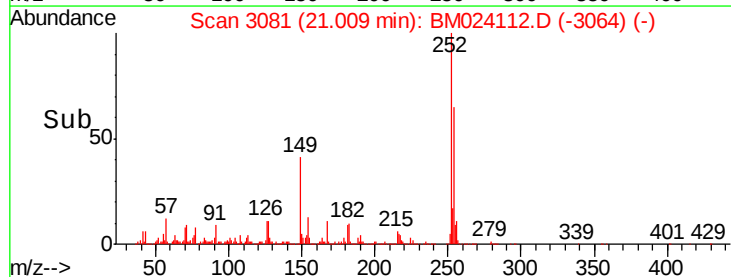
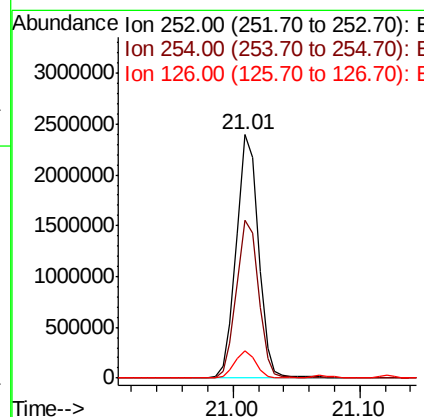
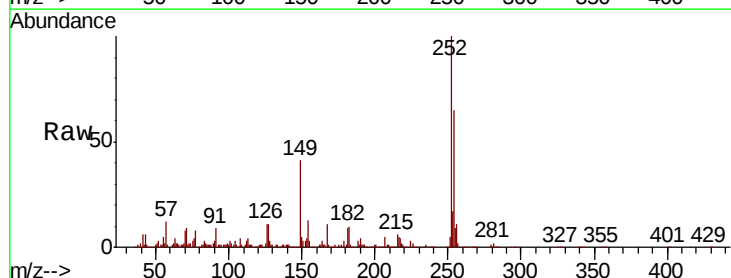
Manual Integrations
APPROVED

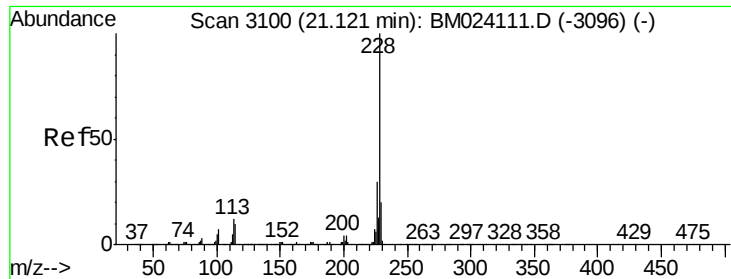
mohammad
12/17/2019 3:20:17 PM



#82
3,3'-Dichlorobenzidine
Concen: 53.536 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 2892760
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 11.0 8.6 13.0





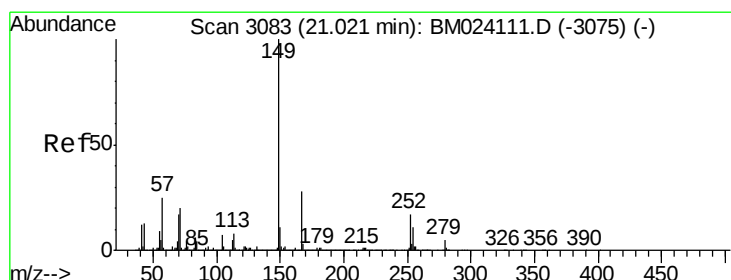
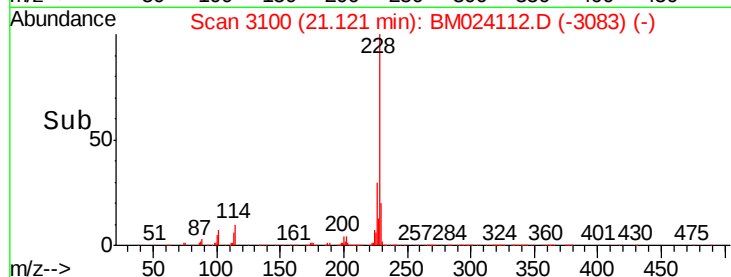
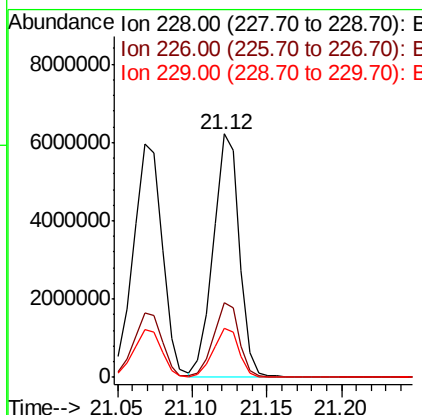
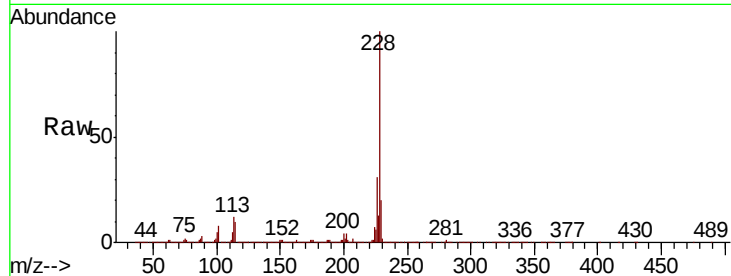
#83
 Chrvsene
 Concen: 51.372 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.1	16.1	24.1

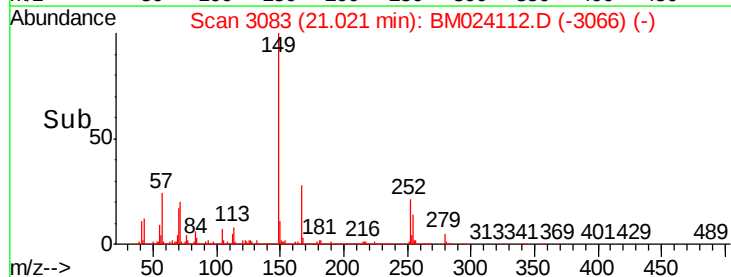
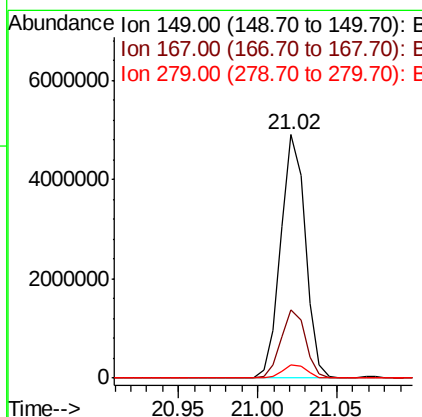
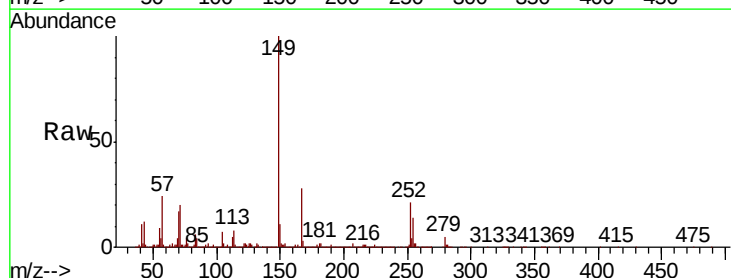
Manual Integrations
 APPROVED

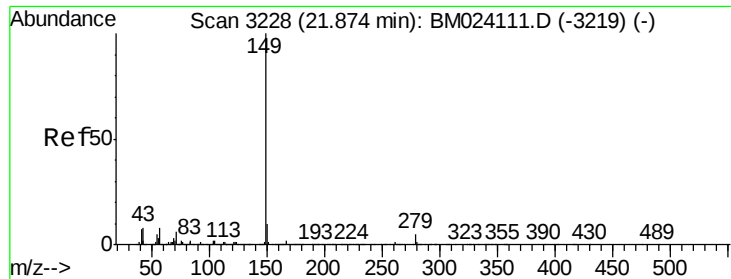
mohammad
 12/17/2019 3:20:17 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.911 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	5.2	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 63.822 ng

RT: 21.88 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 8824760

Ion Ratio Lower Upper

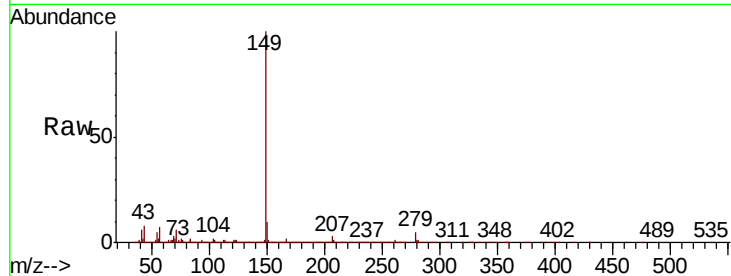
149 100

167 1.6 1.3 1.9

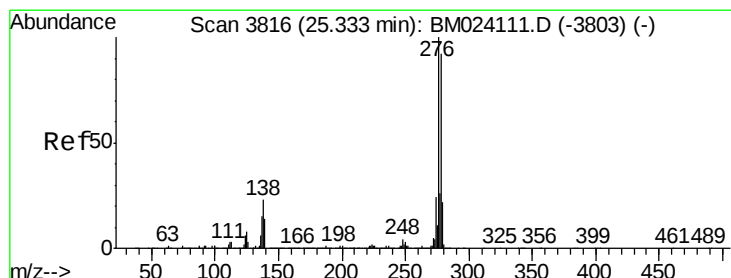
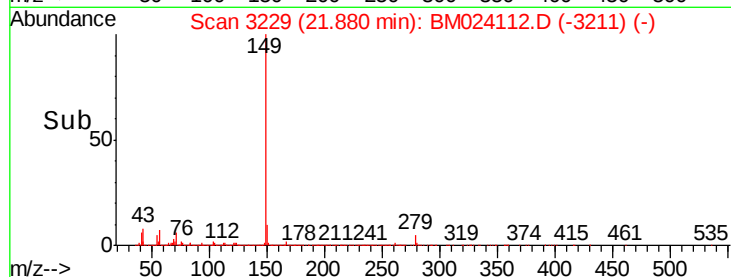
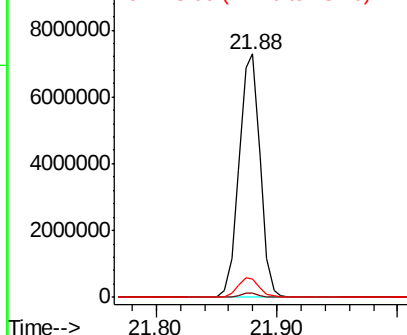
43 8.3 6.6 9.8

Manual Integrations
APPROVED

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



Abundance Ion 149.00 (148.70 to 149.70): E
1e+07 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.452 ng

RT: 25.34 min Scan# 3817

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

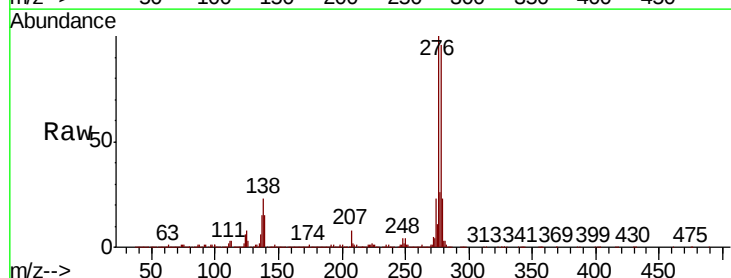
Tgt Ion:276 Resp: 9600229

Ion Ratio Lower Upper

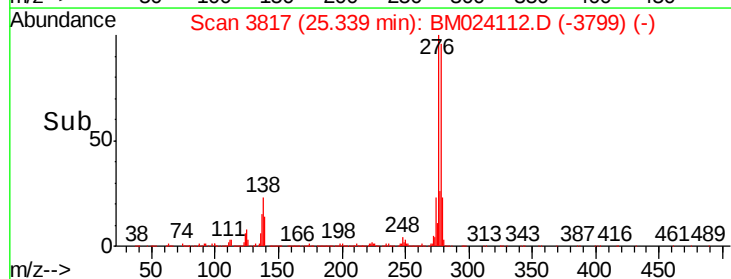
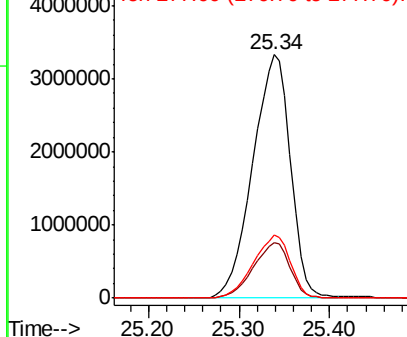
276 100

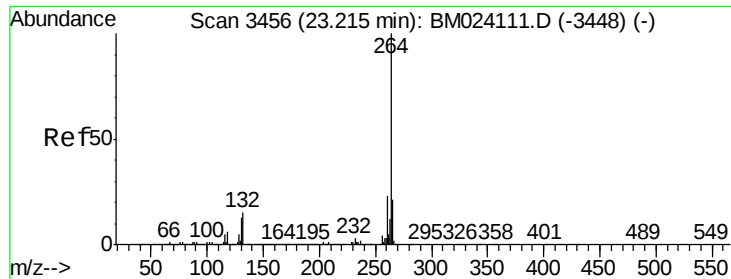
138 22.1 0.0 0.0#

277 25.4 0.0 0.0#



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





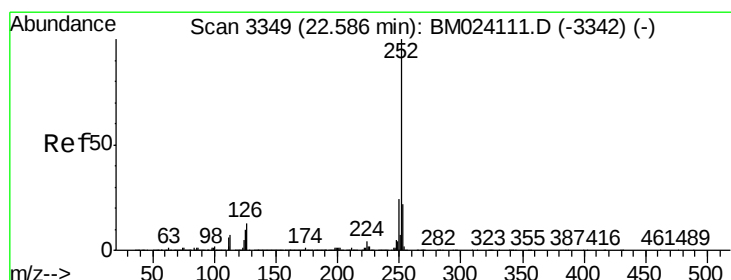
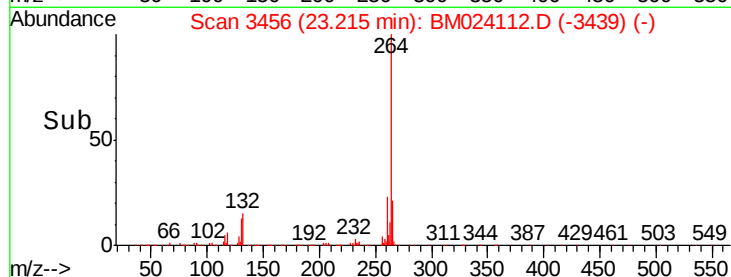
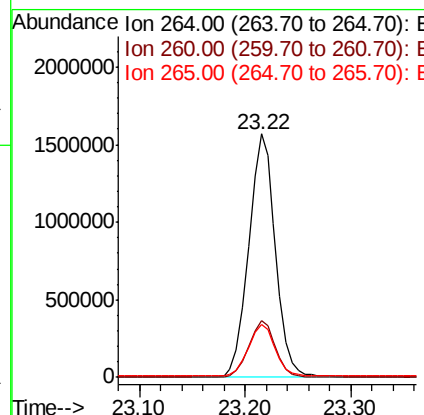
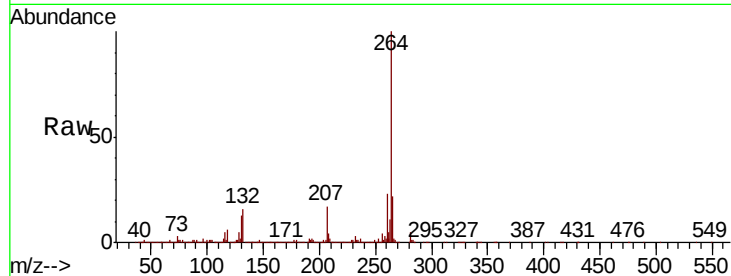
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:264 Resp: 2748986
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 17.4 26.0

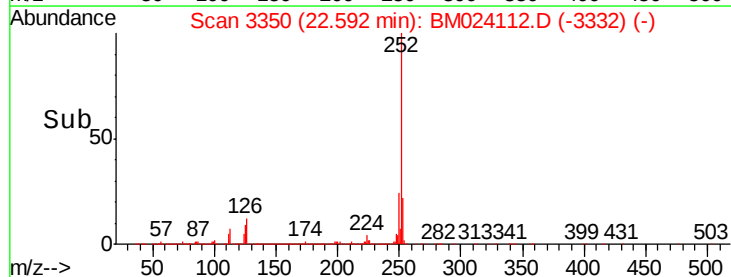
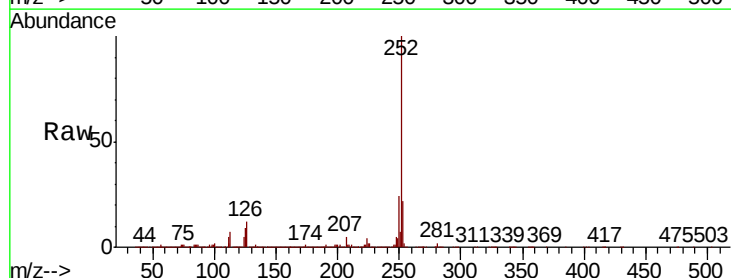
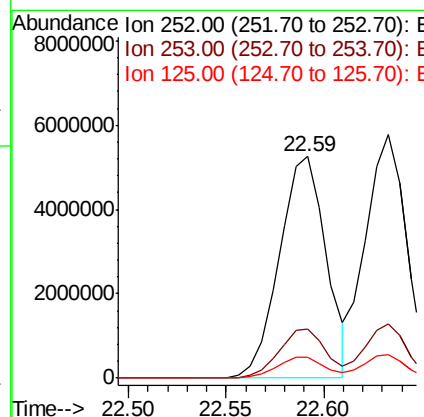
Manual Integrations
APPROVED

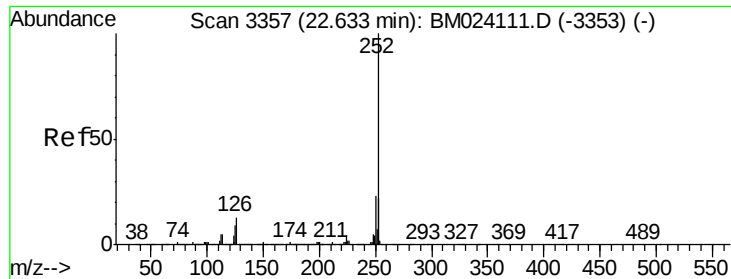
mohammad
12/17/2019 3:20:17 PM



#88
Benzo(b)fluoranthene
Concen: 52.449 ng
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 8729776
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.108 ng

RT: 22.63 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 8440472

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

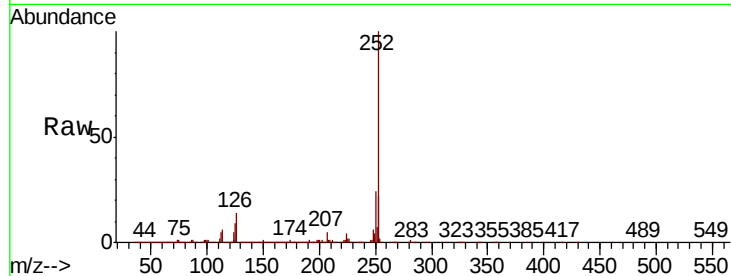
125 9.4 7.3 10.9

Manual Integrations

APPROVED

mohammad

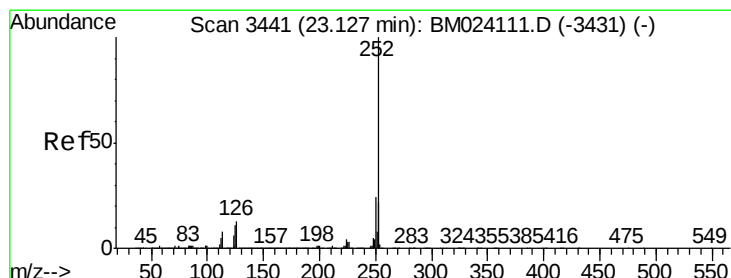
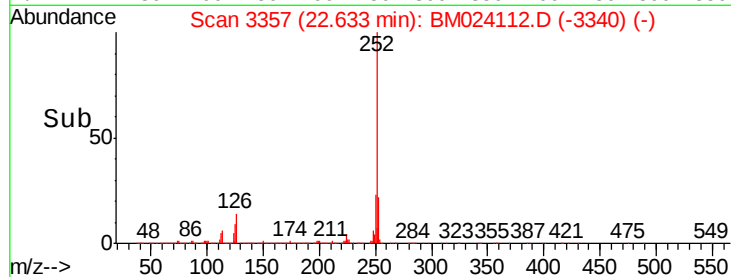
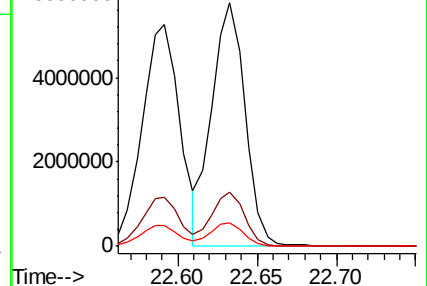
12/17/2019 3:20:17 PM



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



#90

Benzo(a)pyrene

Concen: 52.633 ng

RT: 23.13 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 8072321

Ion Ratio Lower Upper

252 100

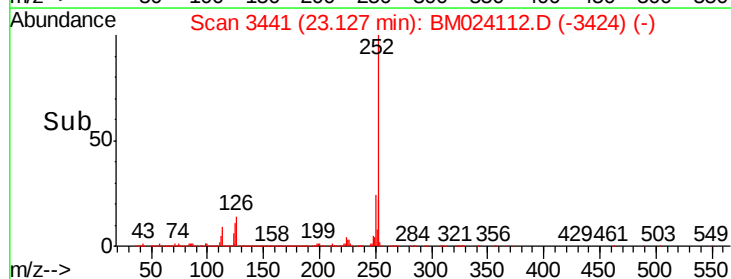
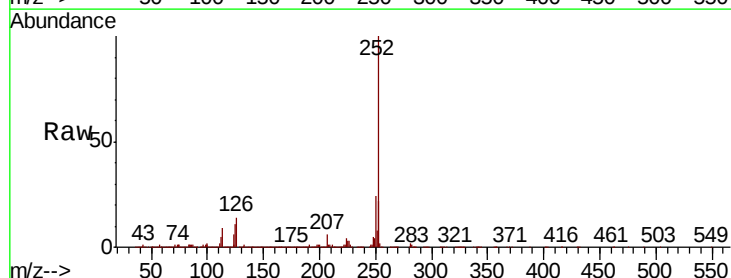
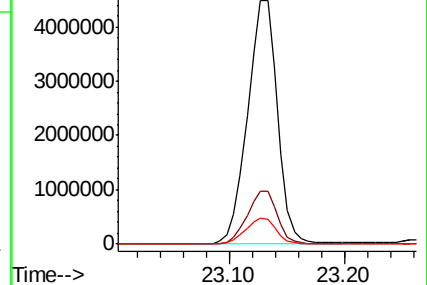
253 21.9 17.7 26.5

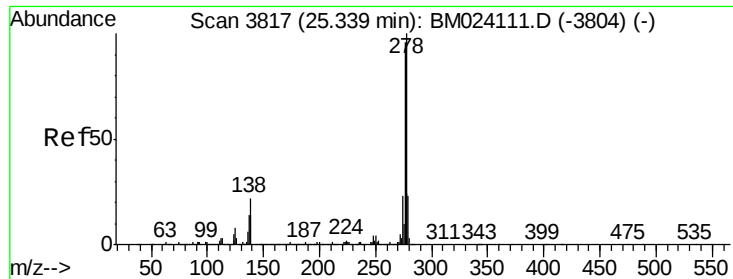
125 10.8 8.5 12.7

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





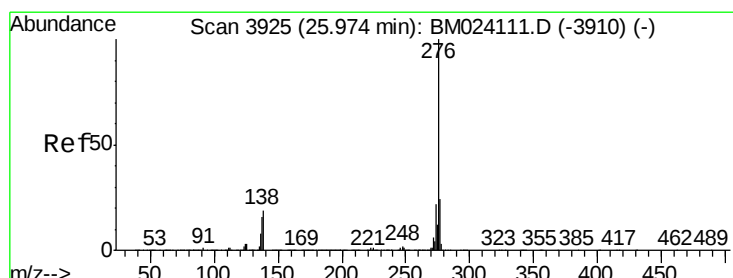
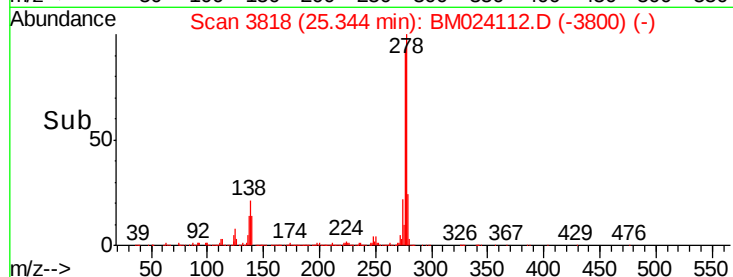
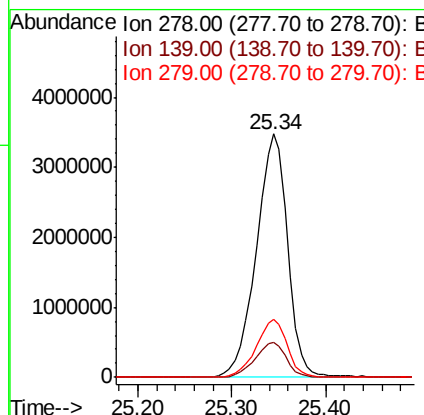
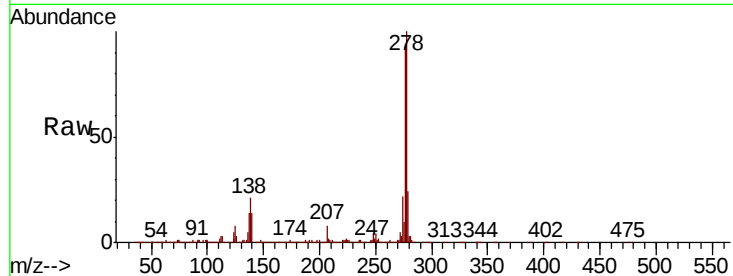
#91
Dibenzo(a,h)anthracene
Concen: 49.768 ng
RT: 25.34 min Scan# 3818
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.4	17.2
279	23.8	18.8	28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.905 ng
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	19.1	15.4	23.0

