

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM122017\
 Data File : BM013525.D
 Acq On : 20 Dec 2017 11:31
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 15:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	135668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	616698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	386406	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	938542	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	868673	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	725478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20360	7.43	ng/uL	0.00
5) Phenol-d5	6.85	99	228116	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	131607	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	186024	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	189951	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	97453	19.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	102813	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	205707	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	232217	23.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	630593	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	812121	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	92773	15.53	ng/ul	0.00
57) Fluorene-d10	15.31	176	582273	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	90935	15.40	ng/ul	0.00
70) Anthracene-d10	17.16	188	924765	19.67	ng/ul	0.00
76) Pyrene-d10	19.46	212	945326	21.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	718521	19.44	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	20821	6.770	ng/uL# 62
4) Benzaldehyde	6.82	77	119681	20.606	ng/ul 91
6) Phenol	6.87	94	218469	18.828	ng/ul# 88
8) Bis(2-Chloroethyl)ether	7.10	93	171603	19.342	ng/ul 99
10) 2-Chlorophenol	7.24	128	179742	19.985	ng/ul 94
11) 2-Methylphenol	8.12	108	169568	18.894	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	188084	20.190	ng/ul# 80
14) Acetophenone	8.49	105	290277	19.034	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.47	70	143979	18.743	ng/ul# 71
16) 4-Methylphenol	8.44	108	182576	19.024	ng/ul 89
17) Hexachloroethane	8.73	117	68925	17.602	ng/ul# 78
20) Nitrobenzene	8.86	77	235063	19.080	ng/ul 98
21) Isophorone	9.39	82	394027	18.176	ng/ul 95
23) 2-Nitrophenol	9.57	139	104804	19.314	ng/ul# 81
24) 2,4-Dimethylphenol	9.63	107	224108	18.936	ng/ul 90
25) Bis(2-Chloroethoxy)methane	9.87	93	237067	18.686	ng/ul 96
27) 2,4-Dichlorophenol	10.10	162	195318	19.604	ng/ul# 95
28) Naphthalene	10.50	128	612770	19.313	ng/ul 99
30) 4-Chloroaniline	10.62	127	223187	23.255	ng/ul 91
31) Hexachlorobutadiene	10.77	225	134097	18.581	ng/ul# 88
32) Caprolactam	11.39	113	46625	14.643	ng/ul# 37
33) 4-Chloro-3-methylphenol	11.75	107	200462	18.342	ng/ul 92
34) 2-Methylnaphthalene	12.12	142	451826	18.944	ng/ul 98

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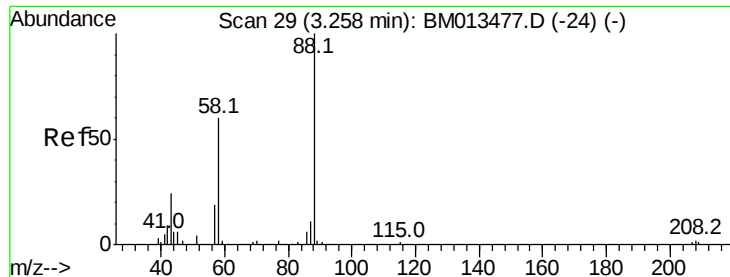
Instrument :
 BNA_M
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Quant Time: Dec 20 15:12:15 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.49	216	273208	19.595	ng/ul#	96
37) Hexachlorocyclopentadiene	12.46	237	124634	13.581	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	168190	19.349	ng/ul	94
39) 2,4,5-Trichlorophenol	12.81	196	173835	18.827	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	628757	19.253	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	506893	19.784	ng/ul	96
42) 2-Nitroaniline	13.40	65	145875	19.433	ng/ul	99
44) Dimethylphthalate	13.77	163	617005	18.761	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	129497	19.306	ng/ul#	96
47) Acenaphthylene	14.03	152	762313	19.413	ng/ul	96
48) 3-Nitroaniline	14.23	138	121698	20.298	ng/ul	98
49) Acenaphthene	14.37	153	519770	19.431	ng/ul	99
52) 4-Nitrophenol	14.55	109	90778	15.489	ng/ul#	81
53) Dibenzofuran	14.72	168	775149	19.629	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	189944	19.467	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.95	232	164265	19.403	ng/ul#	89
56) Diethylphthalate	15.15	149	604031	18.312	ng/ul	94
58) Fluorene	15.37	166	630957	19.314	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	346524	19.543	ng/ul	96
60) 4-Nitroaniline	15.40	138	113512	16.047	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.46	198	89134	15.107	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	539249	19.505	ng/ul	96
65) 4-Bromophenyl-phenylether	16.26	248	215687	19.549	ng/ul	92
66) Hexachlorobenzene	16.37	284	229682	18.877	ng/ul#	90
67) Atrazine	16.54	200	184257	18.056	ng/ul	92
68) Pentachlorophenol	16.72	266	105503	14.992	ng/ul	98
69) Phenanthrene	17.10	178	1051484	19.720	ng/ul	99
71) Anthracene	17.20	178	1056994	19.394	ng/ul	98
72) Carbazole	17.47	167	861114	18.369	ng/ul	98
73) Di-n-butylphthalate	18.04	149	991475	18.117	ng/ul	99
74) Fluoranthene	19.13	202	1173878	17.965	ng/ul#	94
77) Pyrene	19.49	202	1178126	22.324	ng/ul#	92
78) Butylbenzylphthalate	20.40	149	399088	19.354	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.18	252	279384	15.300	ng/ul	93
80) Benzo(a)anthracene	21.24	228	1051617	19.080	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	534488	17.197	ng/ul	98
82) Chrysene	21.29	228	975606	19.080	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	850751	16.491	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	980619	20.051	ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	879853	19.118	ng/ul#	95
88) Benzo(a)pyrene	23.39	252	869094	19.783	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	871376	19.990	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.72	278	739529	19.924	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	688773	20.032	ng/ul#	92

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



#2

1,4-Dioxane

Concen: 6.770 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

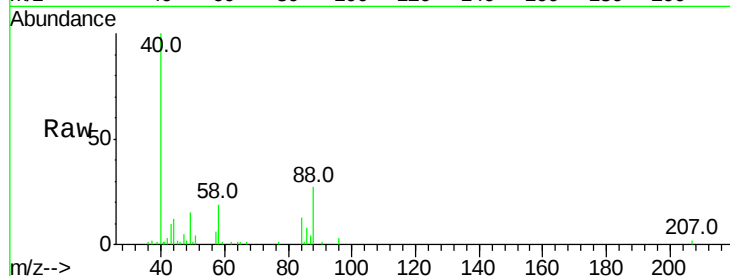
Tot Ion: 88 Resp: 20821

Ion Ratio Lower Upper

88 100

43 30.5 48.0 72.0#

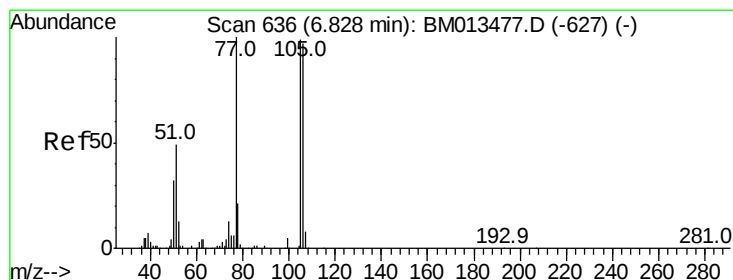
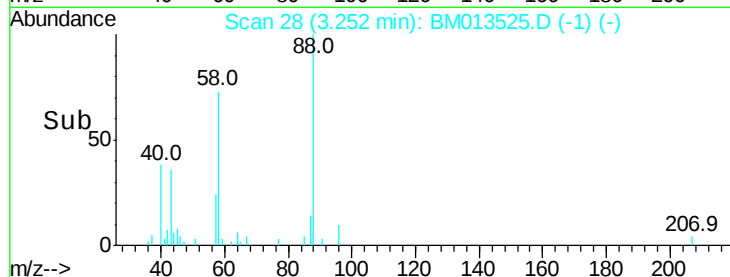
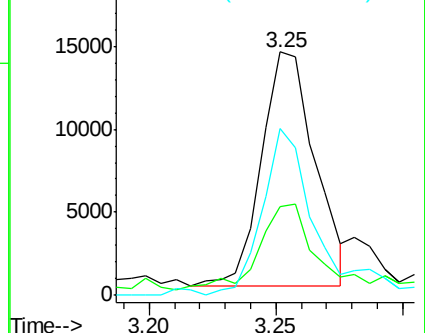
58 63.0 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013525.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013525.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013525.D (-1) (-)



#4

Benzaldehyde

Concen: 20.606 ng/uL

RT: 6.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

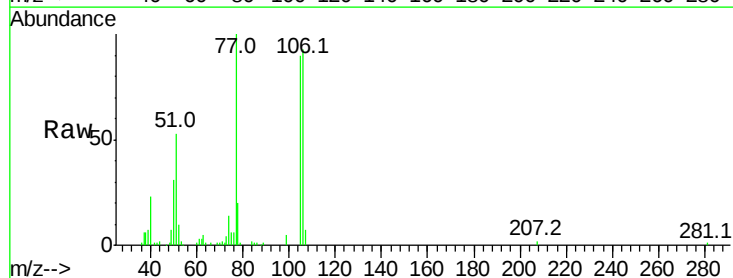
Tgt Ion: 77 Resp: 119681

Ion Ratio Lower Upper

77 100

105 90.4 66.1 99.1

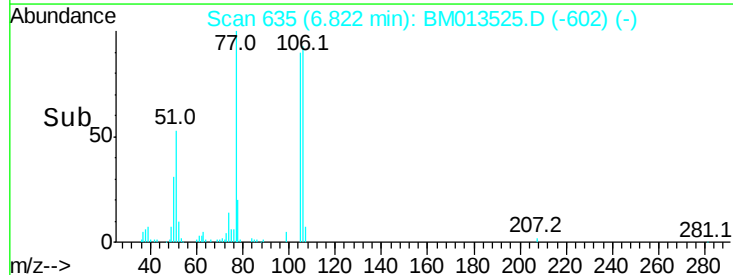
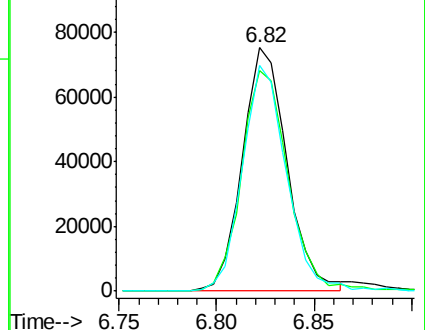
106 92.9 67.8 101.6

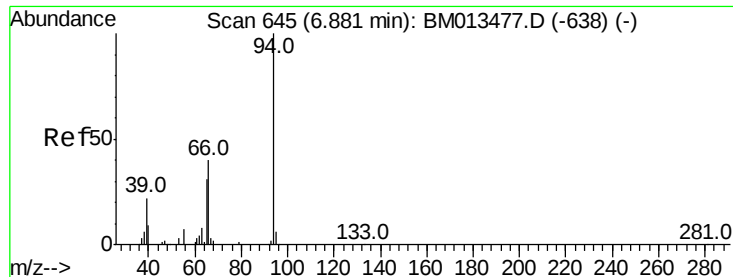


Abundance Ion 77.00 (76.70 to 77.70): BM013525.D (-602) (-)

Ion 105.00 (104.70 to 105.70): BM013525.D (-602) (-)

Ion 106.00 (105.70 to 106.70): BM013525.D (-602) (-)





#6

Phenol

Concen: 18.828 ng/ul

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

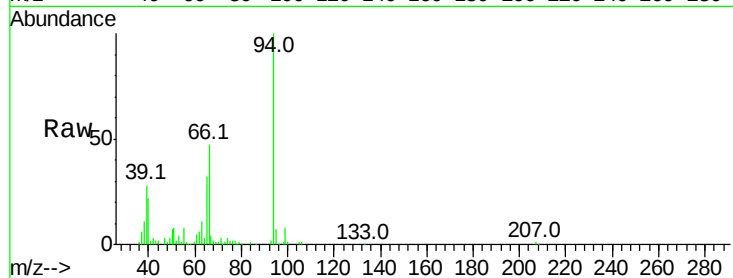
Tot Ion: 94 Resp: 218469

Ion Ratio Lower Upper

94 100

65 31.5 28.2 42.4

66 47.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013477.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM013477.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM013477.D (-638) (-)

6.87

150000

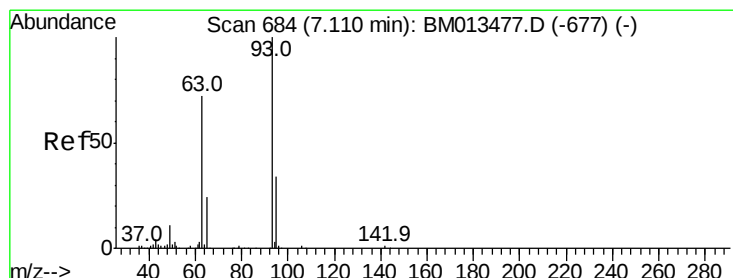
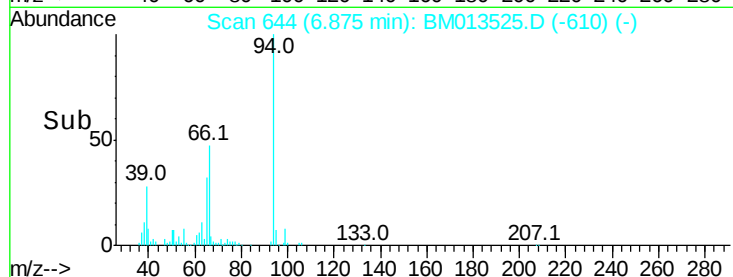
100000

50000

0

6.80 6.85 6.90 6.95

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.342 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

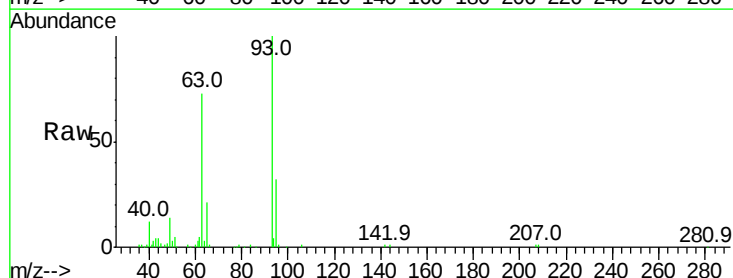
Tgt Ion: 93 Resp: 171603

Ion Ratio Lower Upper

93 100

63 72.7 57.3 85.9

95 32.2 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM013477.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM013477.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM013477.D (-677) (-)

7.10

150000

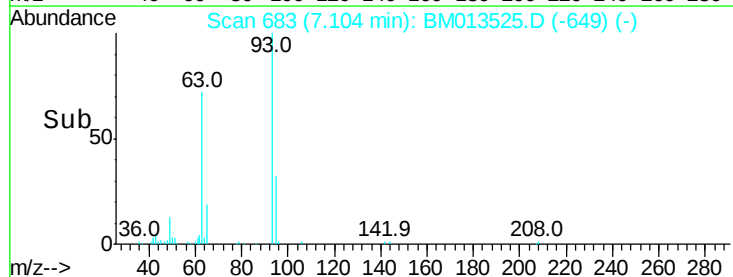
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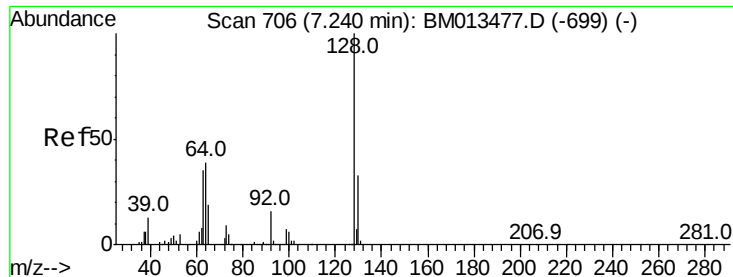
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0

7.05 7.10 7.15

Time-->

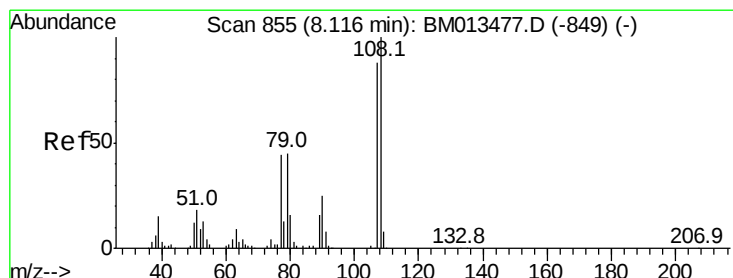
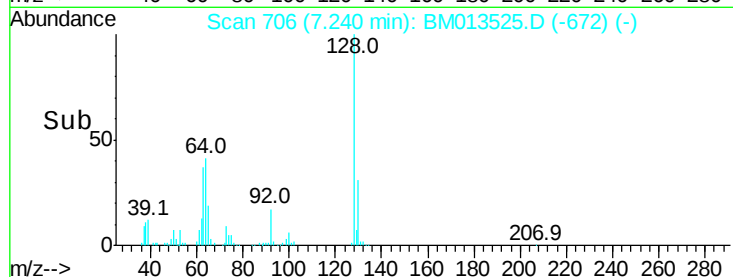
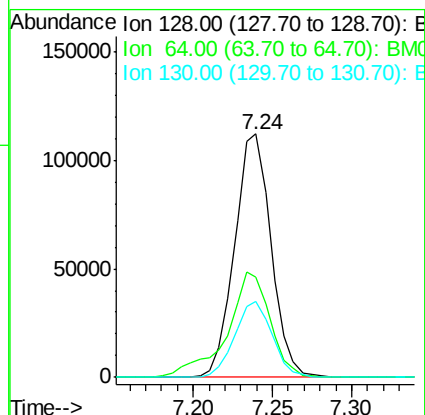
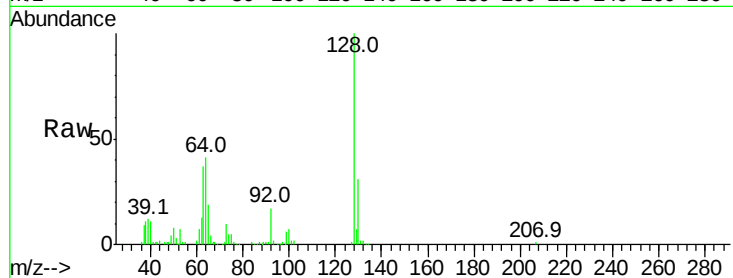




#10
2-Chlorophenol
Concen: 19.985 ng/ul
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

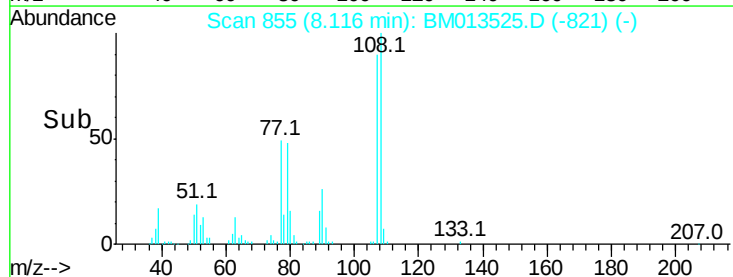
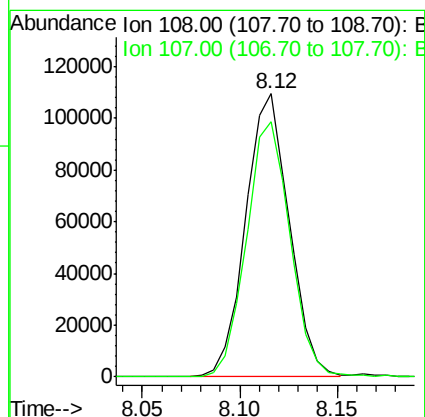
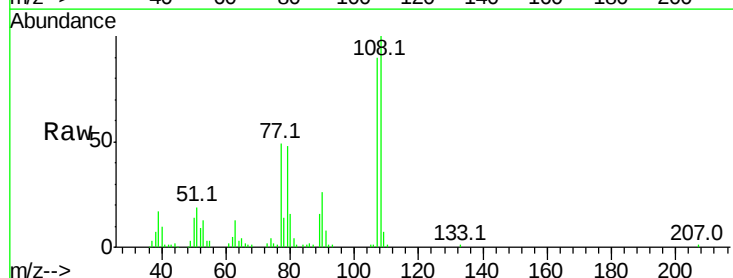
Instrument :
BNA_M
ClientSampleId :

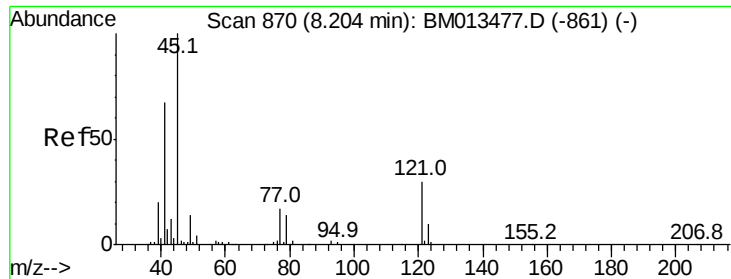
Tot Ion	Ratio	Lower	Upper
128	100		
64	41.3	38.0	57.0
130	31.1	24.4	36.6



#11
2-Methylphenol
Concen: 18.894 ng/ul
RT: 8.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.2	72.6	108.8

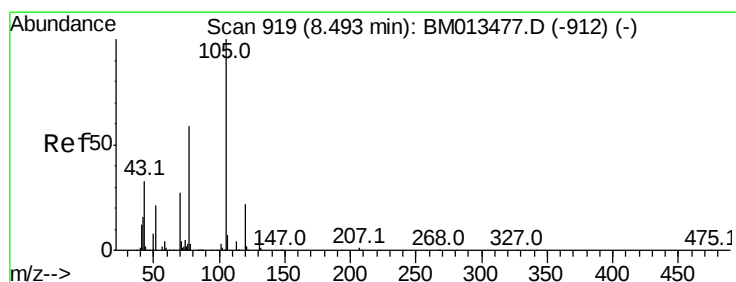
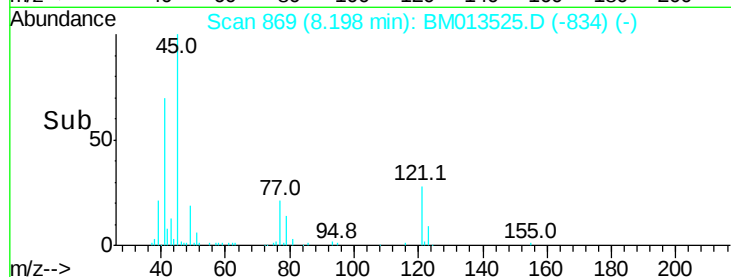
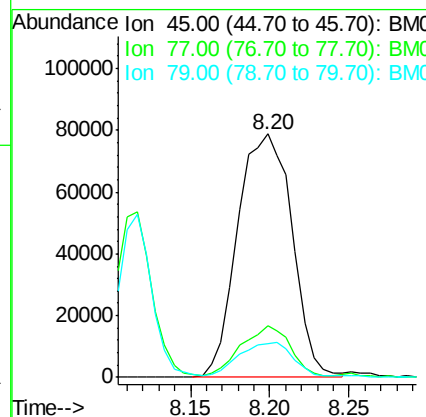
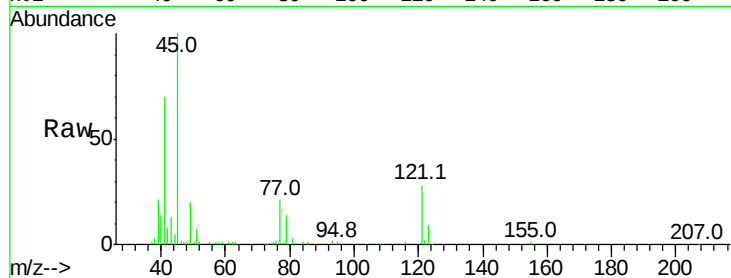




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.190 ng/ul
RT: 8.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

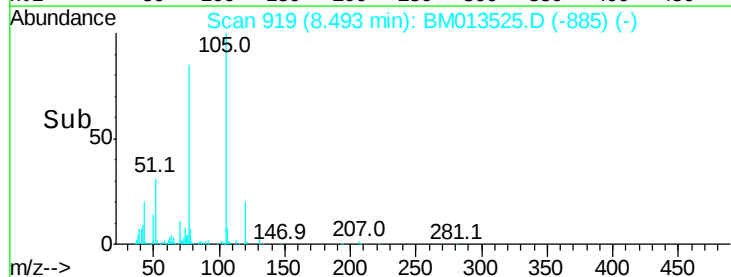
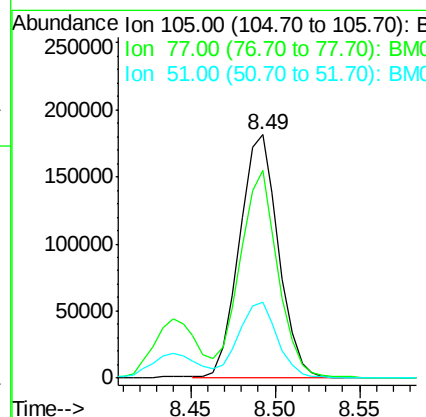
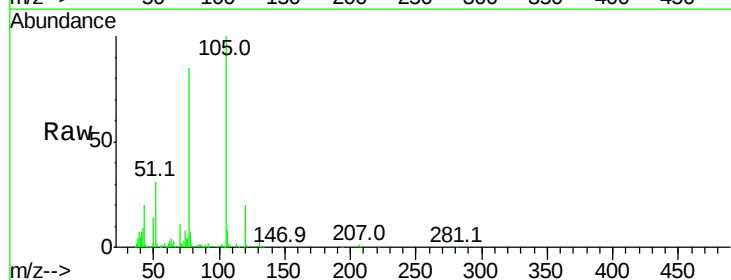
Instrument :
BNA_M
ClientSampled :

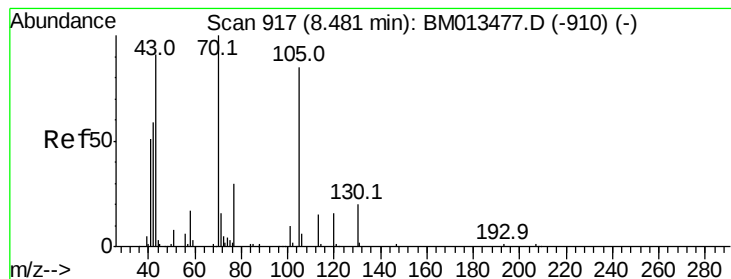
Tot Ion: 45 Resp: 188084
Ion Ratio Lower Upper
45 100
77 21.3 8.0 12.0#
79 13.7 8.0 12.0#



#14
Acetophenone
Concen: 19.034 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion:105 Resp: 290277
Ion Ratio Lower Upper
105 100
77 85.4 74.2 111.4
51 31.2 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 18.743 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 143979

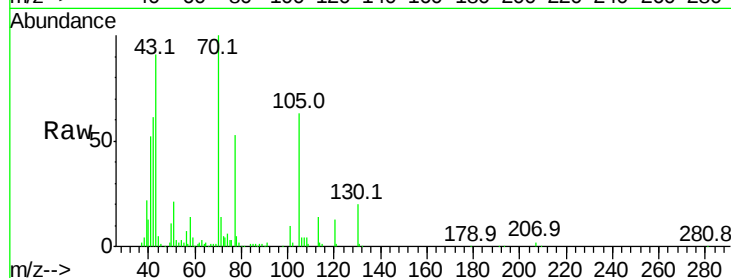
Ion Ratio Lower Upper

70 100

42 60.6 76.0 114.0#

101 9.9 6.7 10.1

130 20.2 14.6 22.0



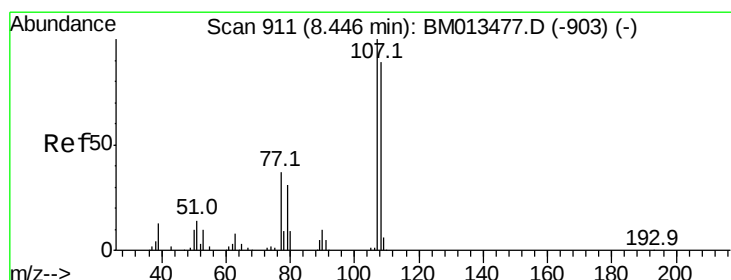
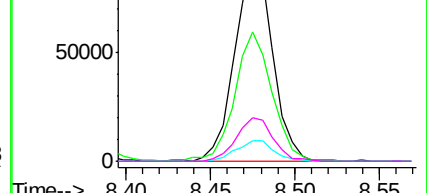
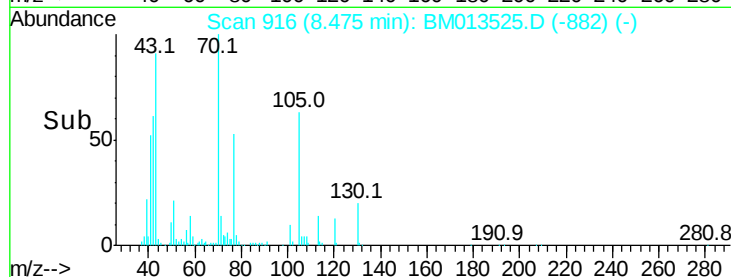
Abundance Ion 70.00 (69.70 to 70.70): BM013477.D (-910) (-)

Ion 42.00 (41.70 to 42.70): BM013477.D (-910) (-)

Ion 101.00 (100.70 to 101.70): BM013477.D (-910) (-)

Ion 130.00 (129.70 to 130.70): BM013477.D (-910) (-)

Time-->



#16

4-Methylphenol

Concen: 19.024 ng/ul

RT: 8.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BM013525.D

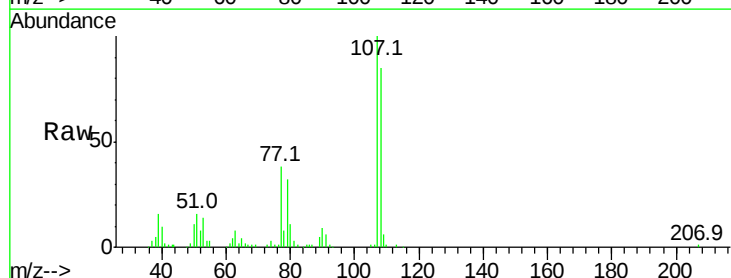
Acq: 20 Dec 2017 11:31

Tgt Ion:108 Resp: 182576

Ion Ratio Lower Upper

108 100

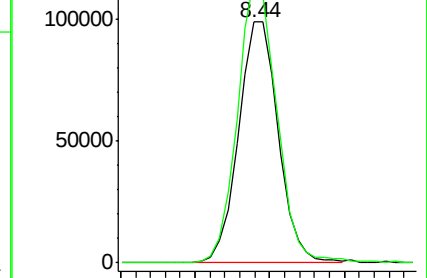
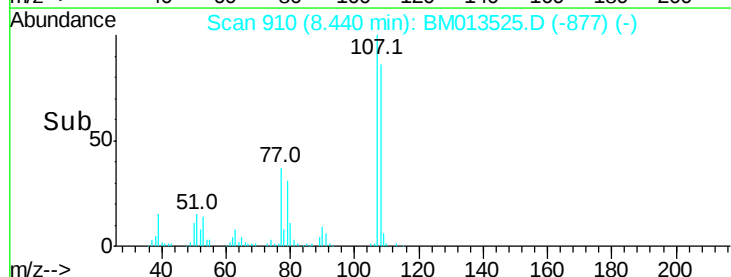
107 117.4 84.9 127.3

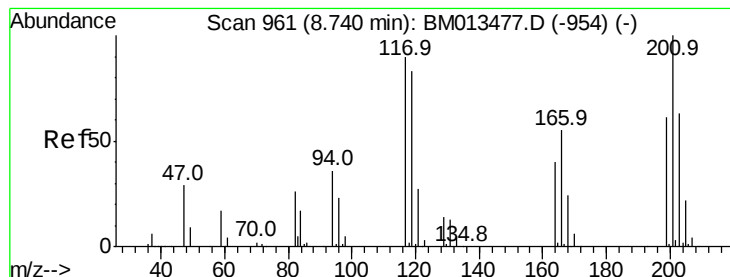


Abundance Ion 108.00 (107.70 to 108.70): BM013477.D (-903) (-)

Ion 107.00 (106.70 to 107.70): BM013477.D (-903) (-)

Time-->





#17

Hexachloroethane

Concen: 17.602 ng/ul

RT: 8.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

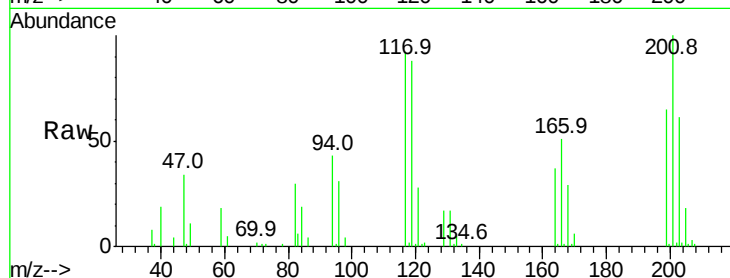
Tot Ion:117 Resp: 68925

Ion Ratio Lower Upper

117 100

201 108.2 111.6 167.4#

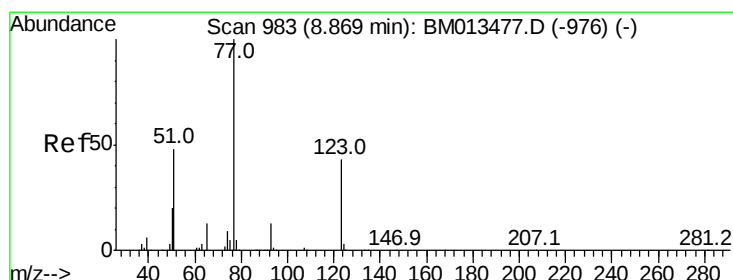
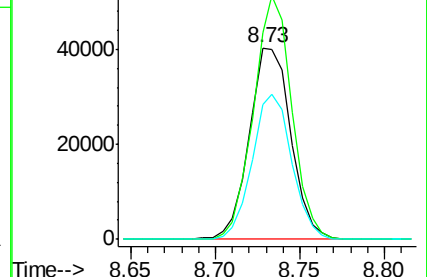
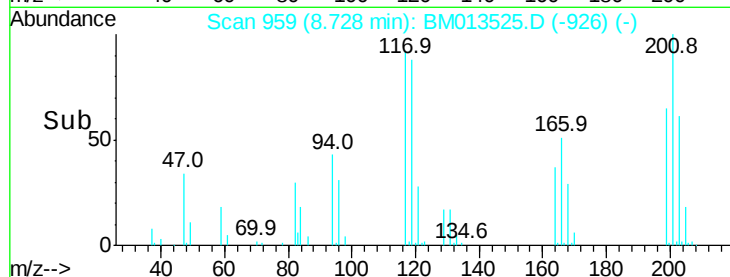
199 70.4 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.080 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

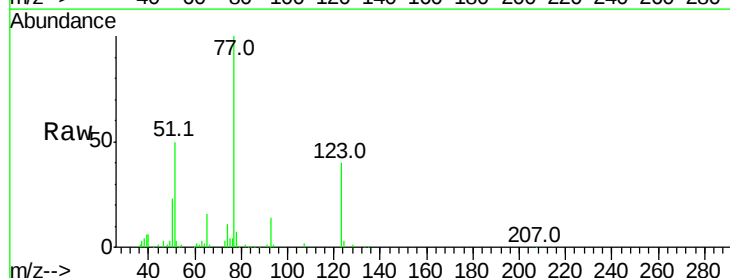
Tgt Ion: 77 Resp: 235063

Ion Ratio Lower Upper

77 100

123 39.8 31.0 46.6

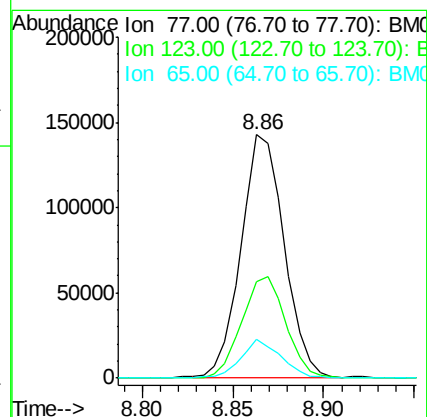
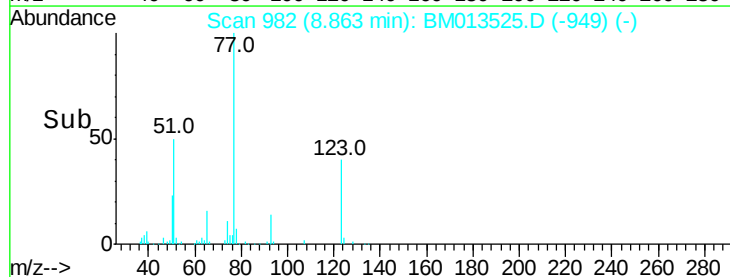
65 15.7 12.2 18.2

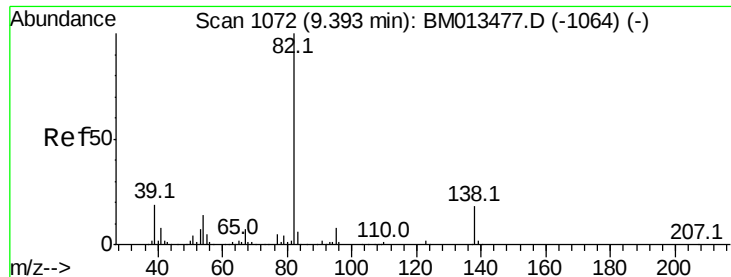


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.176 ng/ul

RT: 9.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

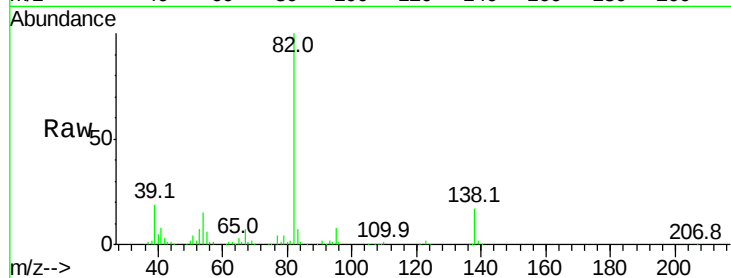
Tot Ion: 82 Resp: 394027

Ion Ratio Lower Upper

82 100

95 8.2 7.8 11.8

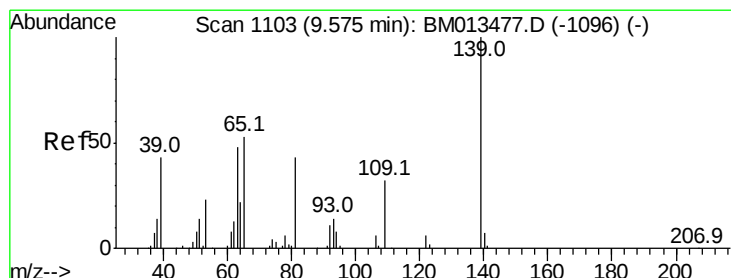
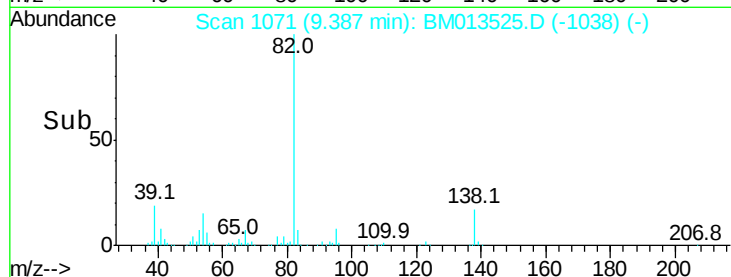
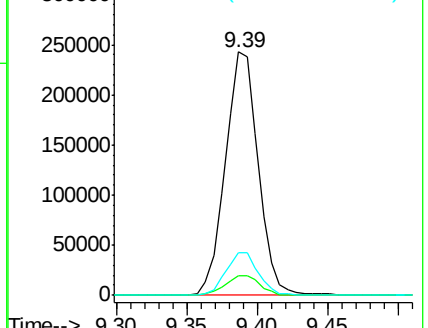
138 17.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013477.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM013477.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM013477.D (-1064) (-)



#23

2-Nitrophenol

Concen: 19.314 ng/ul

RT: 9.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

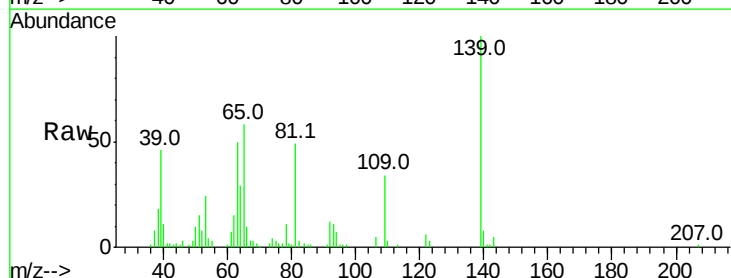
Tgt Ion: 139 Resp: 104804

Ion Ratio Lower Upper

139 100

65 58.0 55.4 83.0

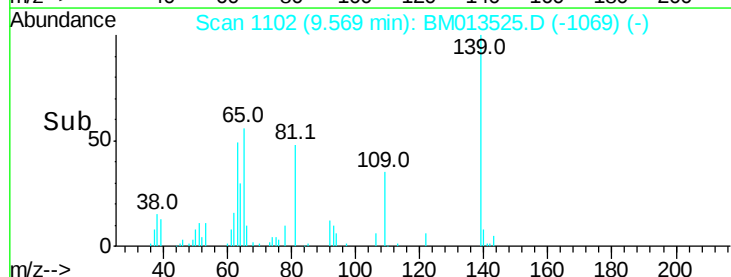
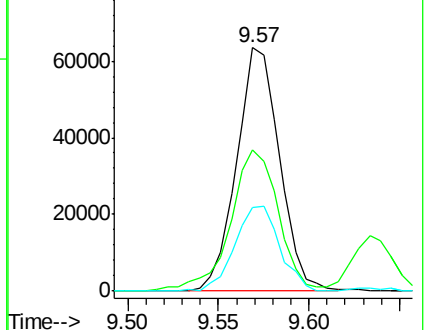
109 34.5 42.2 63.2#

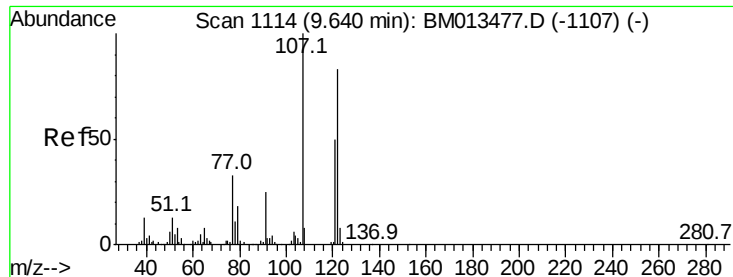


Abundance Ion 139.00 (138.70 to 139.70): BM013477.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM013477.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM013477.D (-1096) (-)





#24

2,4-Dimethylphenol

Concen: 18.936 ng/ul

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

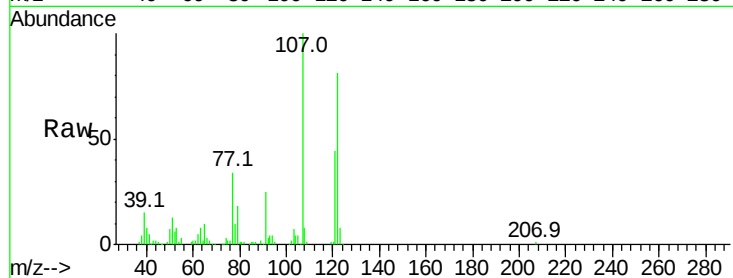
Tot Ion:107 Resp: 224108

Ion Ratio Lower Upper

107 100

121 44.0 31.9 47.9

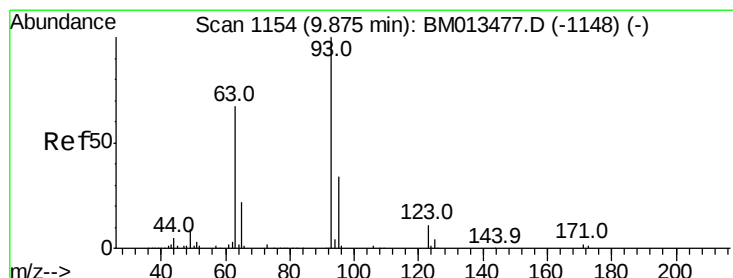
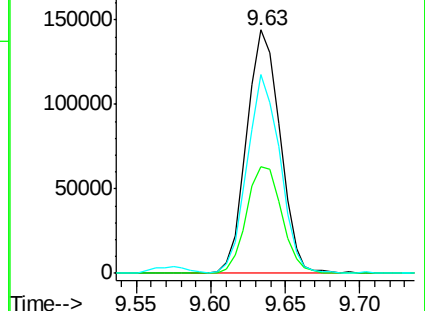
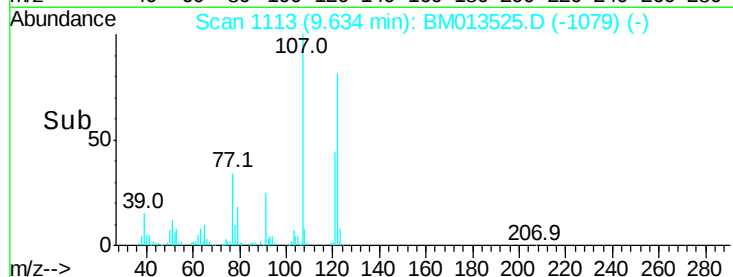
122 81.5 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.686 ng/ul

RT: 9.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

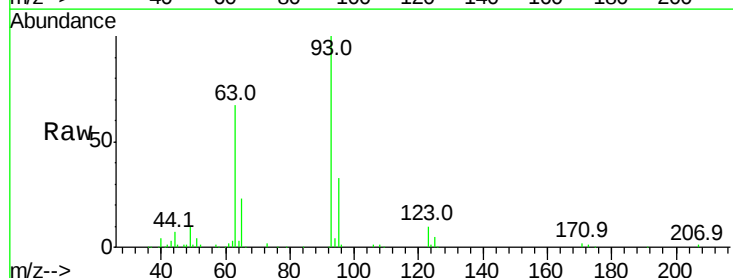
Tgt Ion: 93 Resp: 237067

Ion Ratio Lower Upper

93 100

95 33.3 28.5 42.7

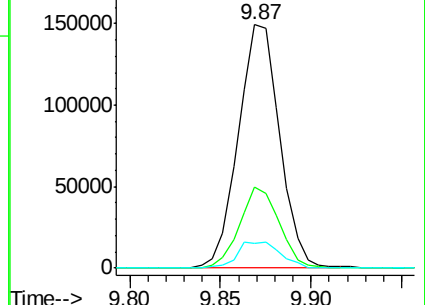
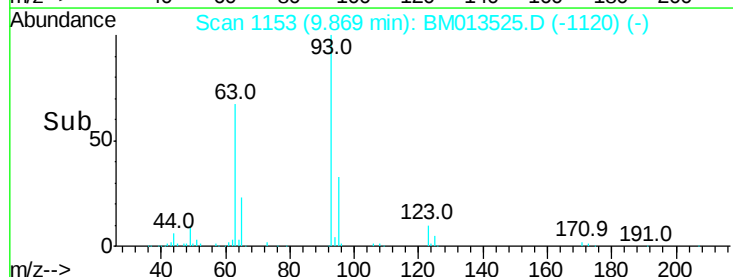
123 10.1 8.9 13.3

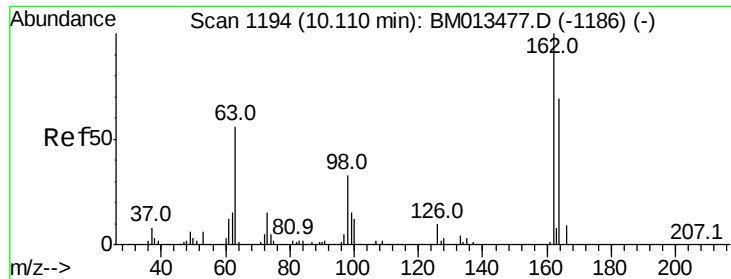


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

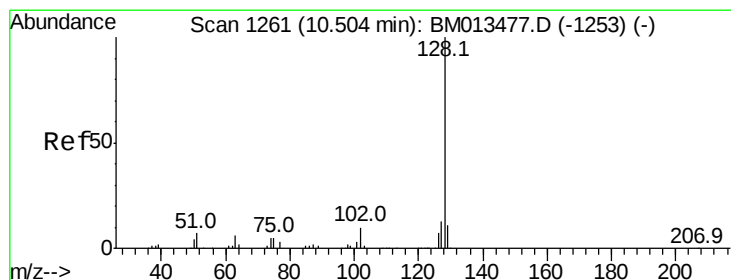
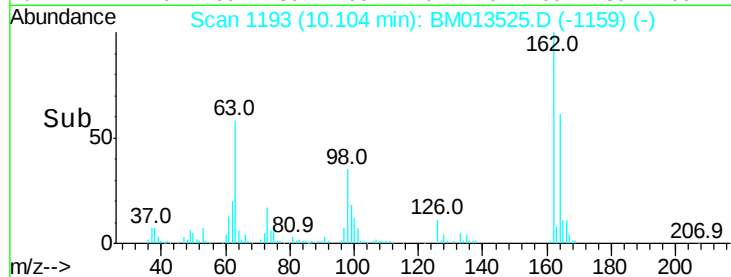
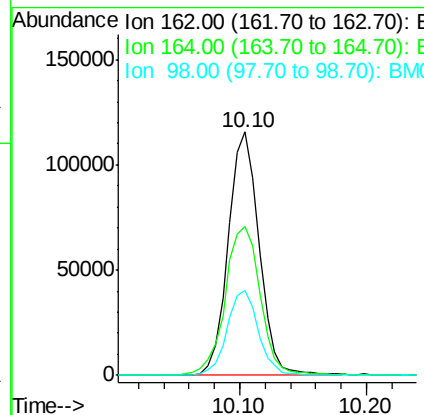
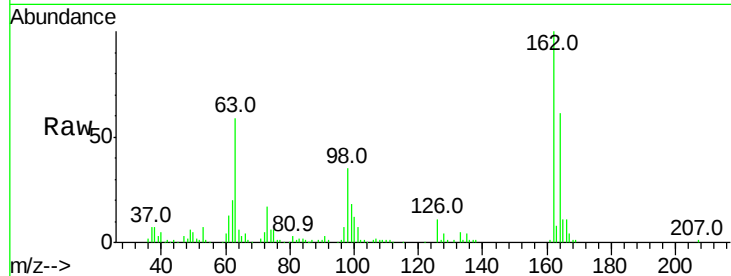




#27
 2,4-Dichlorophenol
 Concen: 19.604 ng/ul
 RT: 10.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

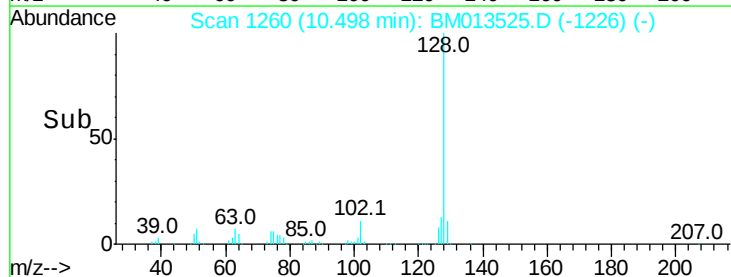
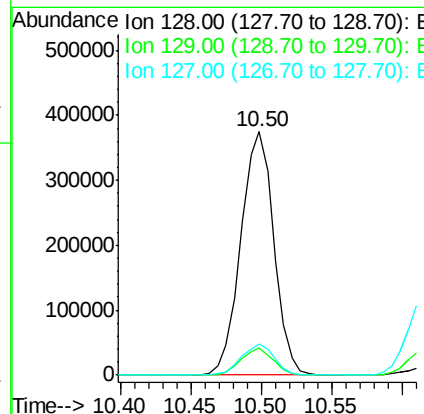
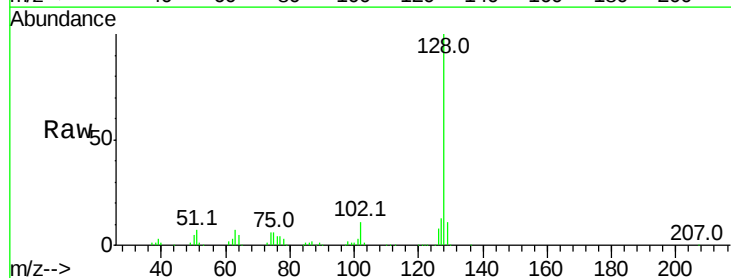
Instrument :
 BNA_M
 ClientSampleId :

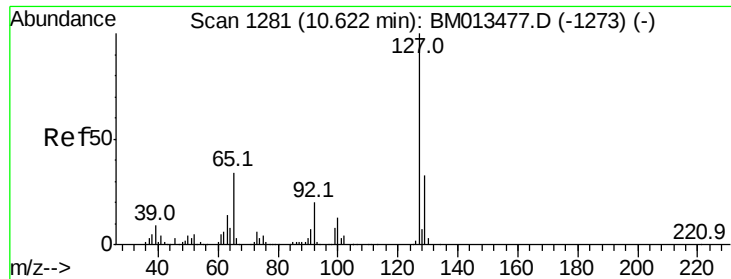
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	47.8	71.6
98	34.9	23.0	34.4#



#28
 Naphthalene
 Concen: 19.313 ng/ul
 RT: 10.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.6	16.0

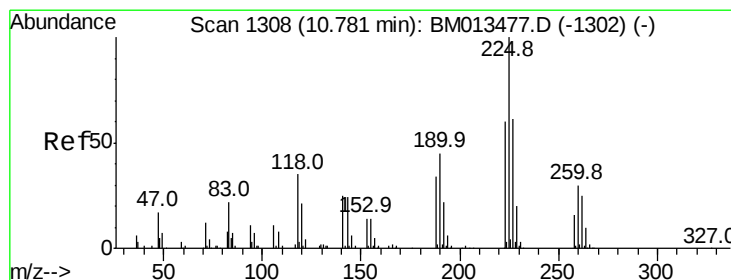
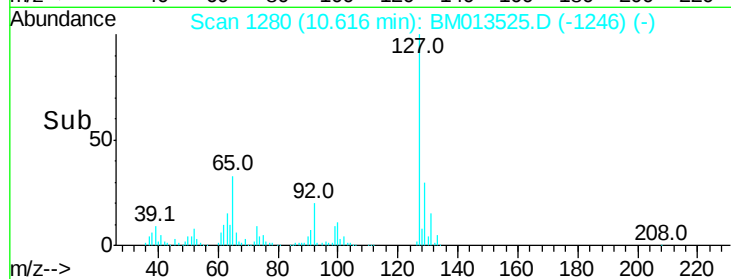
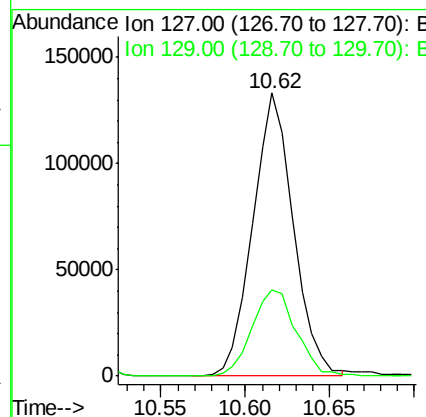
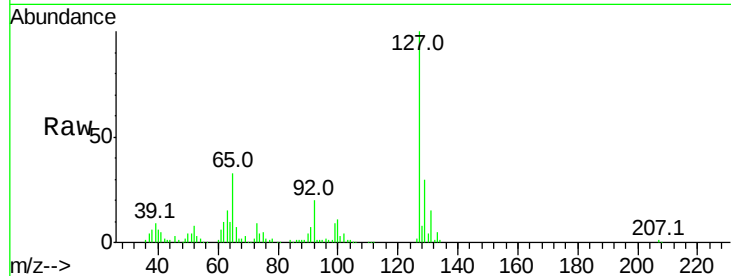




#30
4-Chloroaniline
Concen: 23.255 ng/ul
RT: 10.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

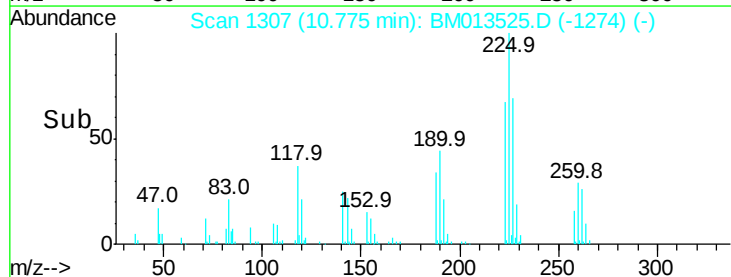
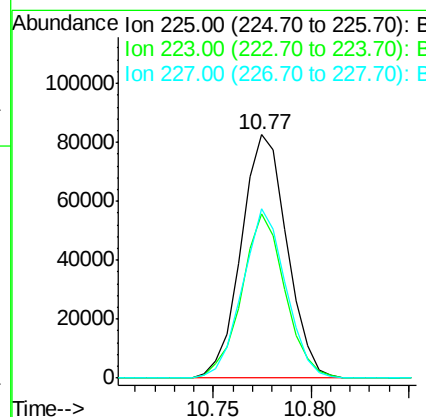
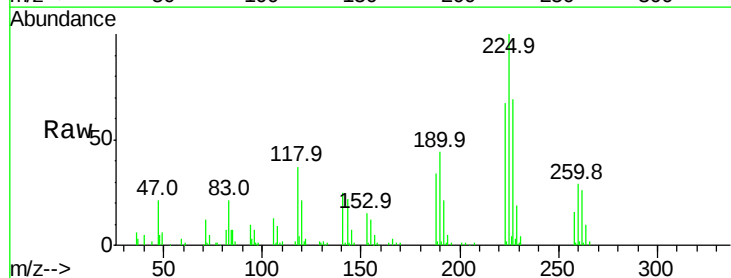
Instrument :
BNA_M
ClientSampleId :

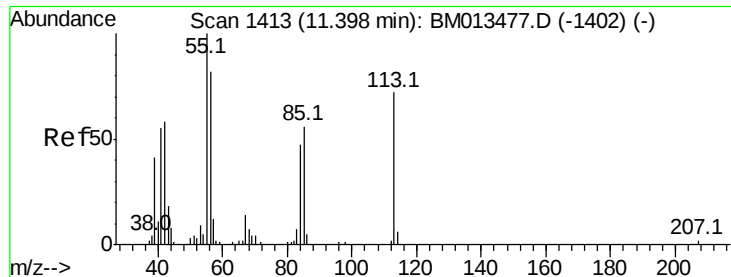
Tot Ion:127 Resp: 223187
Ion Ratio Lower Upper
127 100
129 30.5 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.581 ng/ul
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion:225 Resp: 134097
Ion Ratio Lower Upper
225 100
223 67.3 49.4 74.2
227 69.4 45.4 68.2#





#32

Caprolactam

Concen: 14.643 ng/ul

RT: 11.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

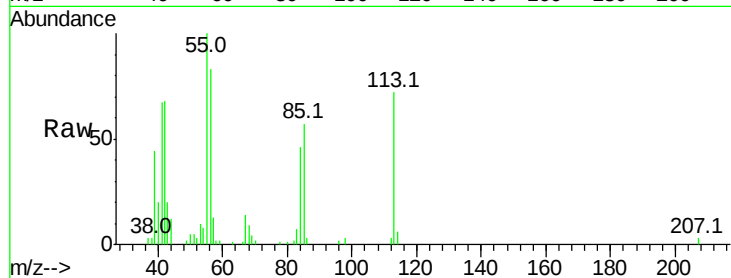
Tot Ion:113 Resp: 46625

Ion Ratio Lower Upper

113 100

55 138.7 208.0 312.0#

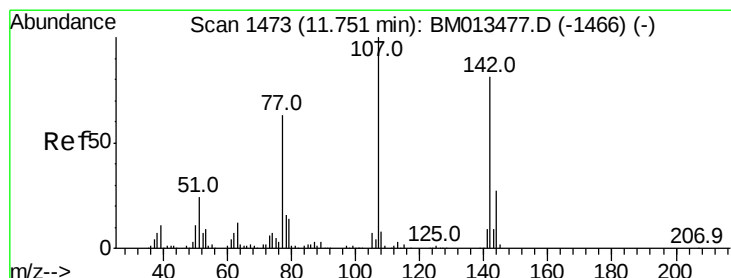
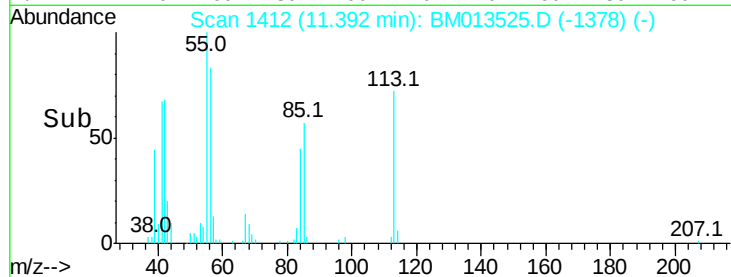
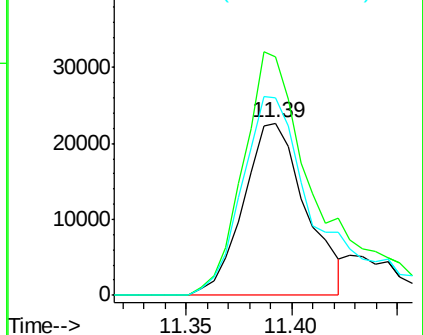
56 114.7 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 18.342 ng/ul

RT: 11.75 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

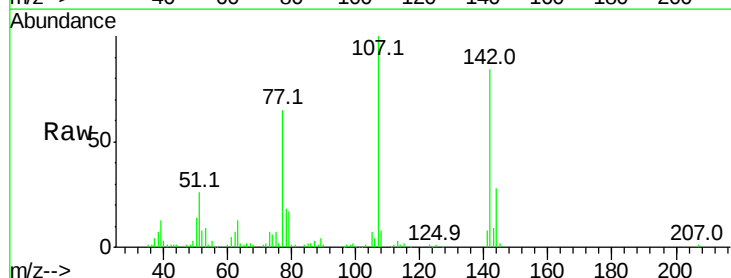
Tgt Ion:107 Resp: 200462

Ion Ratio Lower Upper

107 100

144 27.6 20.4 30.6

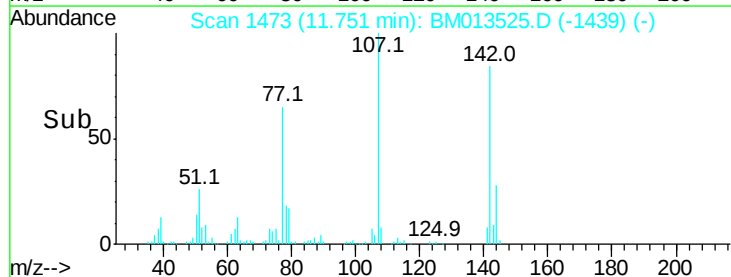
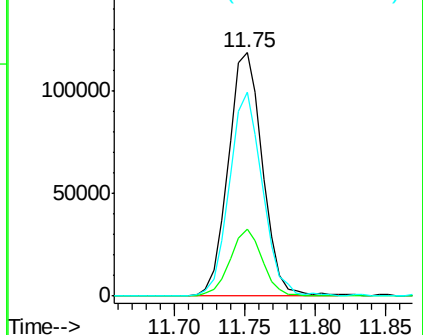
142 84.0 60.5 90.7

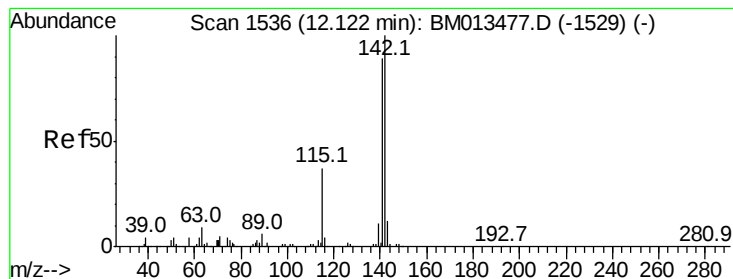


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.944 ng/ul

RT: 12.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

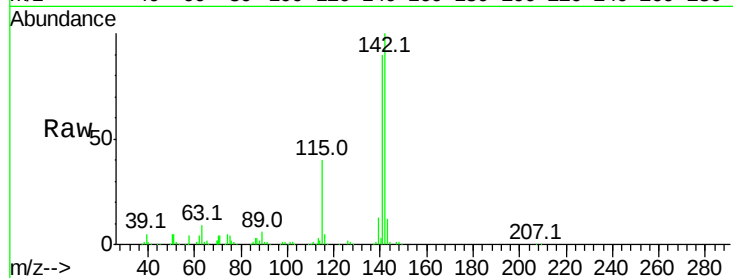
ClientSampleId :

Tot Ion:142 Resp: 451826

Ion Ratio Lower Upper

142 100

141 90.5 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.12

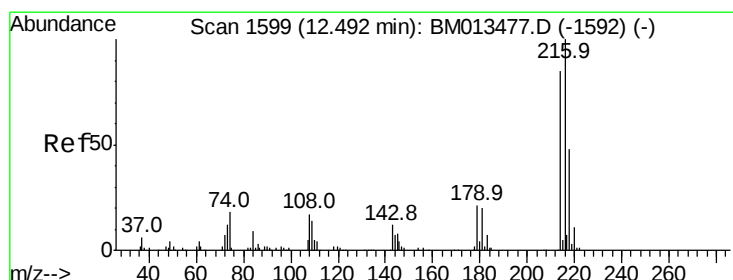
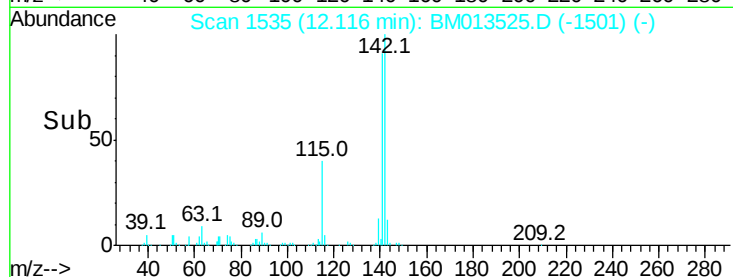
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.595 ng/ul

RT: 12.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Tgt Ion:216 Resp: 273208

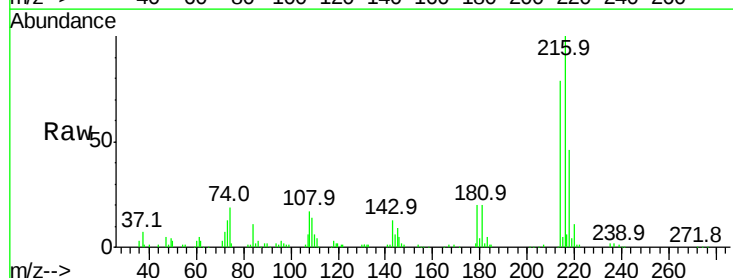
Ion Ratio Lower Upper

216 100

214 78.7 60.6 90.8

179 20.2 17.5 26.3

108 17.0 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.49

250000

200000

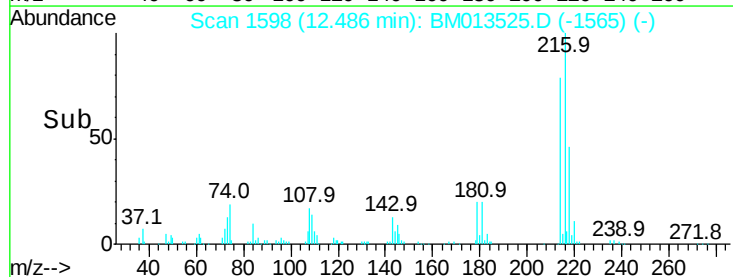
150000

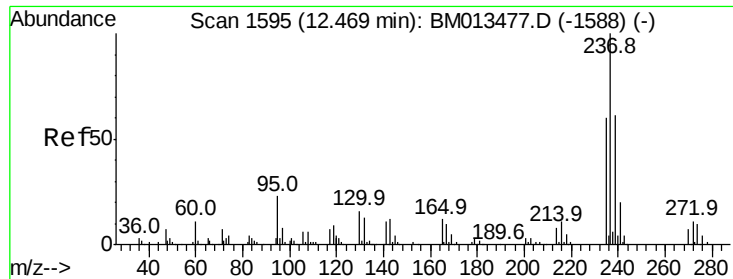
100000

50000

0

Time-->

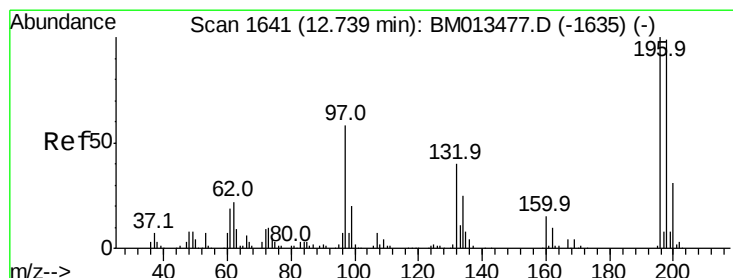
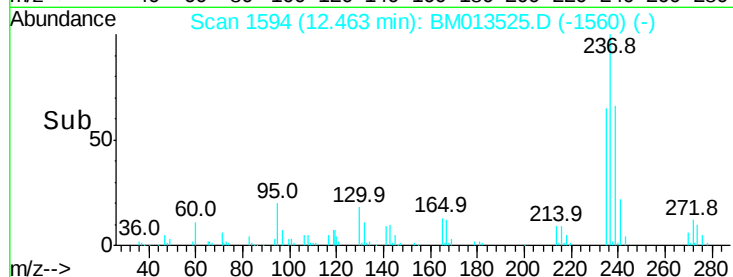
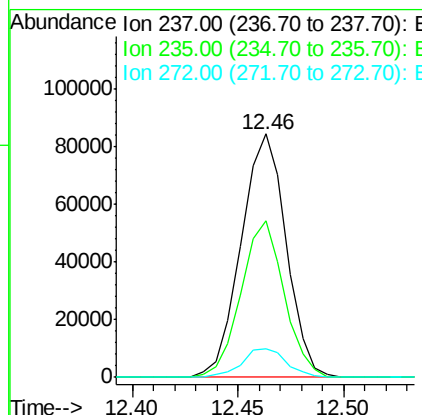
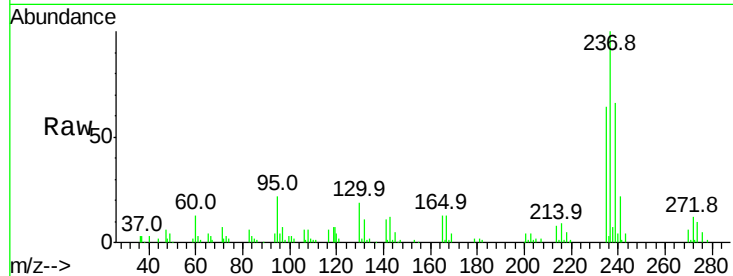




#37
Hexachlorocyclopentadiene
Concen: 13.581 ng/ul
RT: 12.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

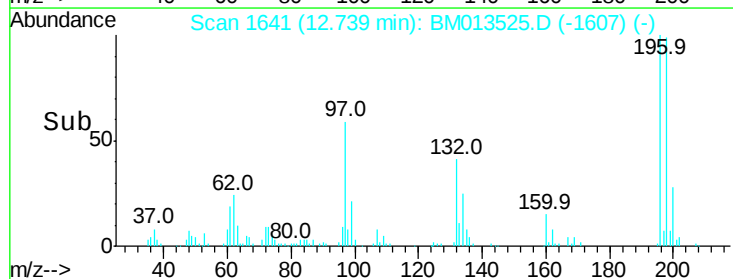
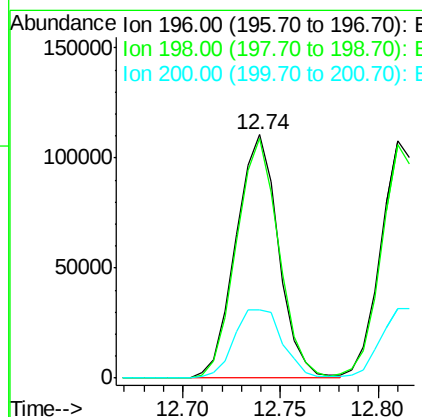
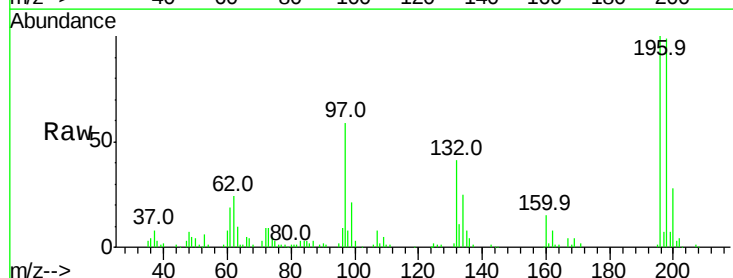
Instrument :
BNA_M
ClientSampleId :

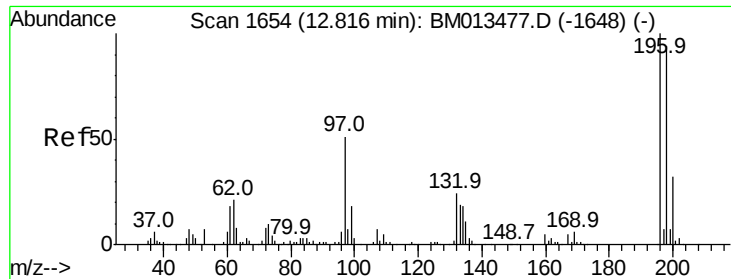
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.2	75.4
272	12.3	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 19.349 ng/ul
RT: 12.74 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	74.1	111.1
200	28.2	25.2	37.8

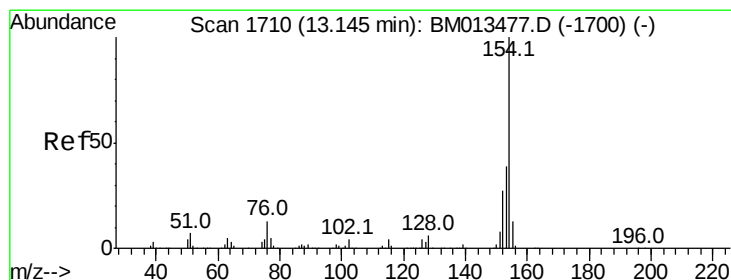
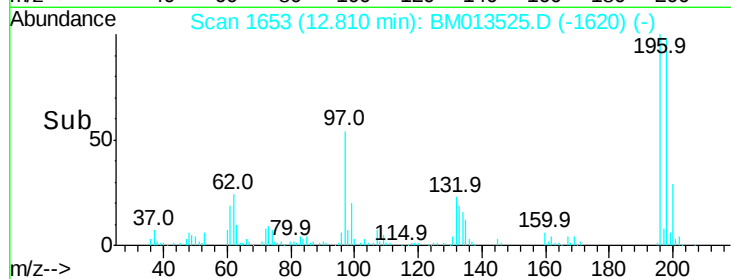
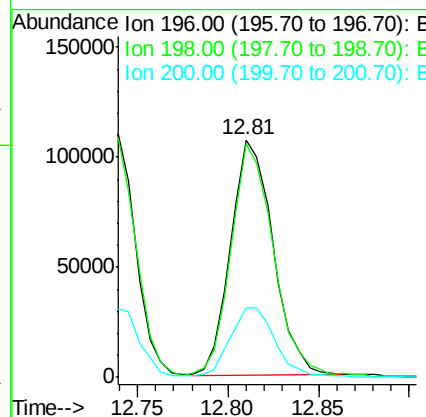
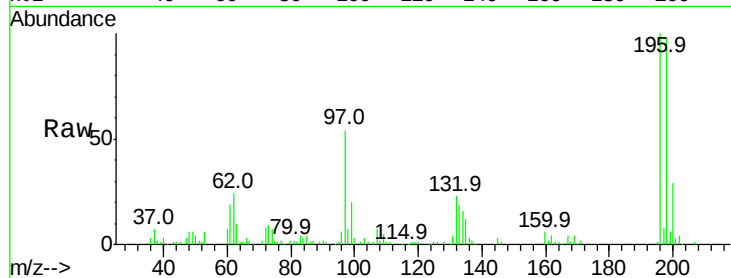




#39
 2,4,5-Trichlorophenol
 Concen: 18.827 ng/ul
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

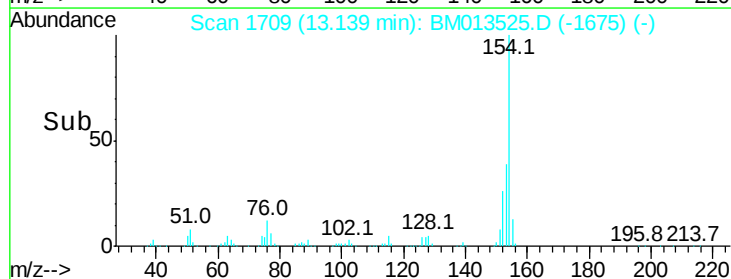
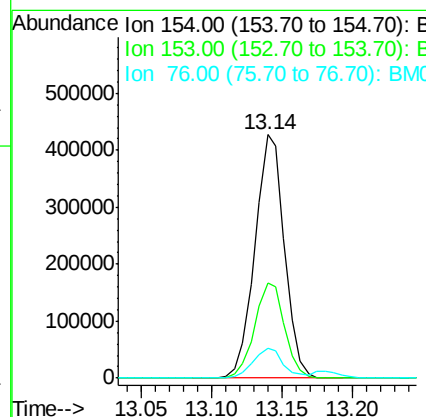
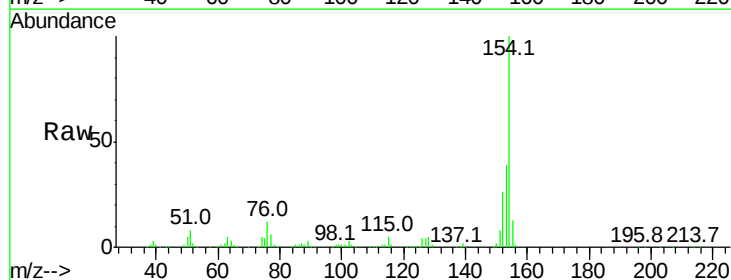
Instrument :
 BNA_M
 ClientSampled :

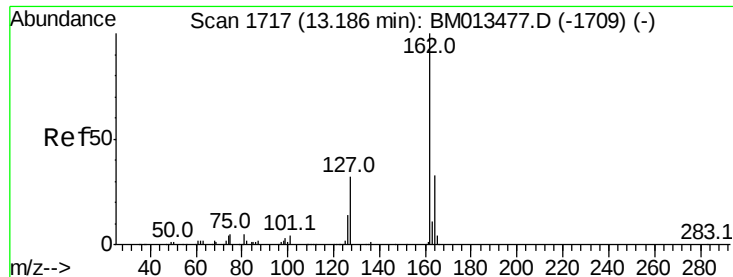
Tot Ion:	196	Resp:	173835
Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.6	113.4
200	29.2	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.253 ng/ul
 RT: 13.14 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Tgt Ion:	154	Resp:	628757
Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.6	48.8
76	12.1	8.5	12.7

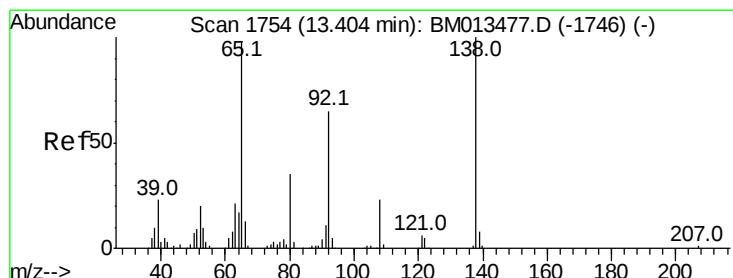
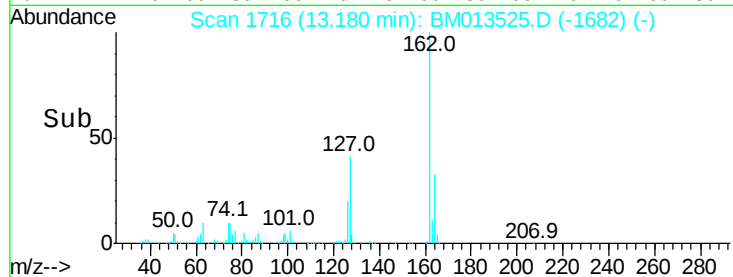
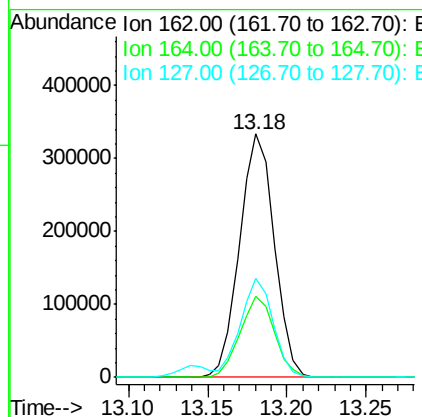
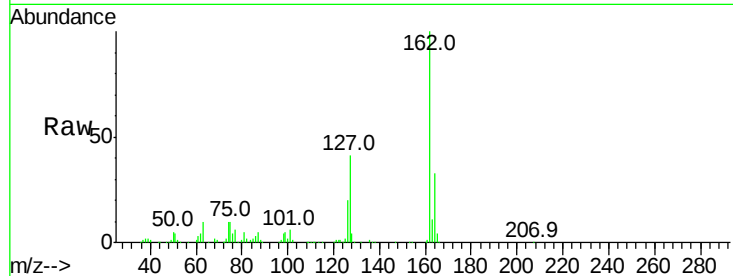




#41
2-Chloronaphthalene
Concen: 19.784 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

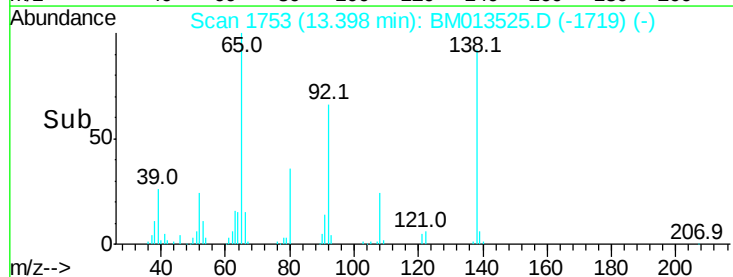
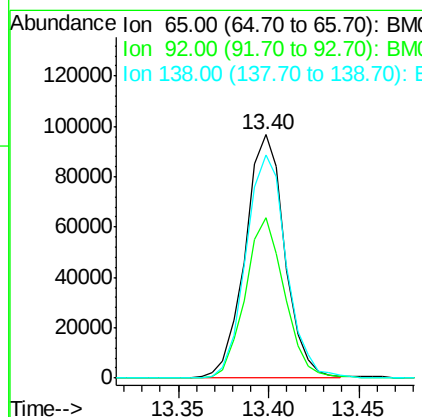
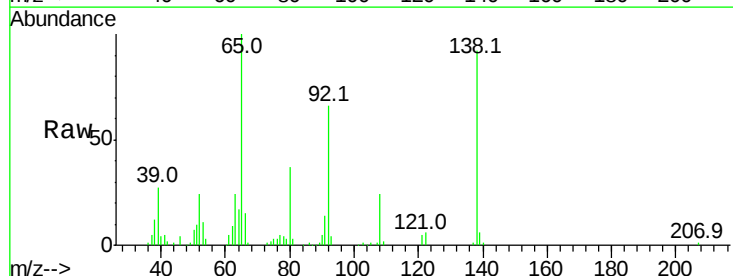
Instrument :
BNA_M
ClientSampleId :

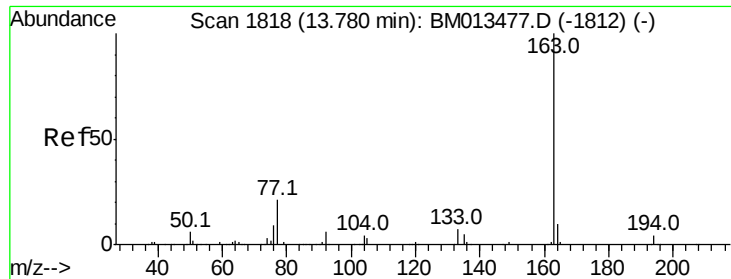
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.9	38.9
127	40.6	29.4	44.2



#42
2-Nitroaniline
Concen: 19.433 ng/ul
RT: 13.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	51.8	77.6
138	91.9	74.2	111.4





#44

Dimethylphthalate

Concen: 18.761 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

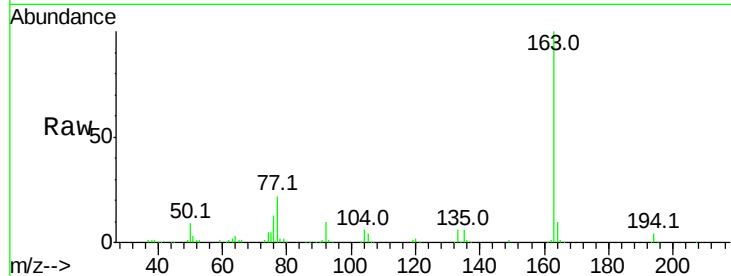
Tot Ion:163 Resp: 617005

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.0 8.2 12.4



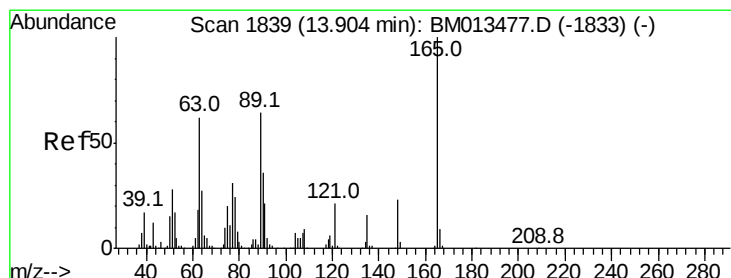
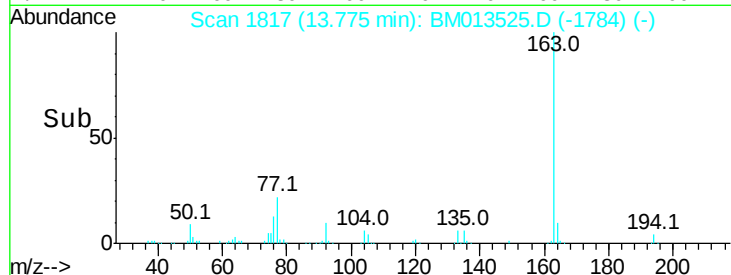
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.77

Time--> 13.70 13.75 13.80 13.85



#45

2,6-Dinitrotoluene

Concen: 19.306 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

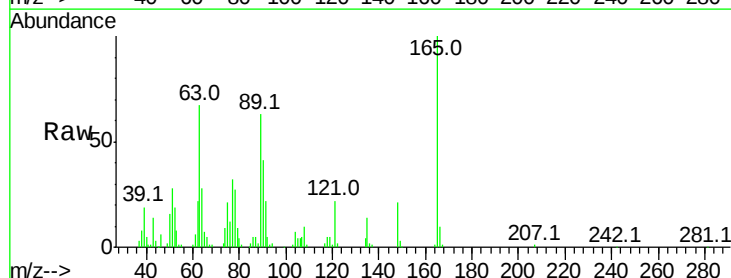
Tgt Ion:165 Resp: 129497

Ion Ratio Lower Upper

165 100

89 63.3 52.6 79.0

121 22.2 14.6 22.0#



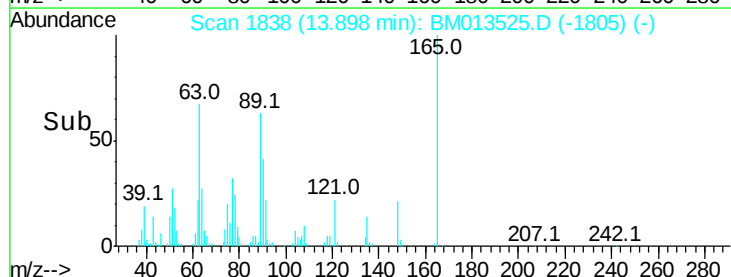
Abundance Ion 165.00 (164.70 to 165.70): E

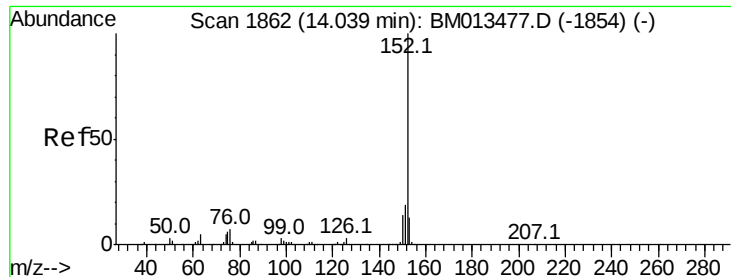
Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

13.90

Time--> 13.85 13.90 13.95





#47

Acenaphthylene

Concen: 19.413 ng/ul

RT: 14.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

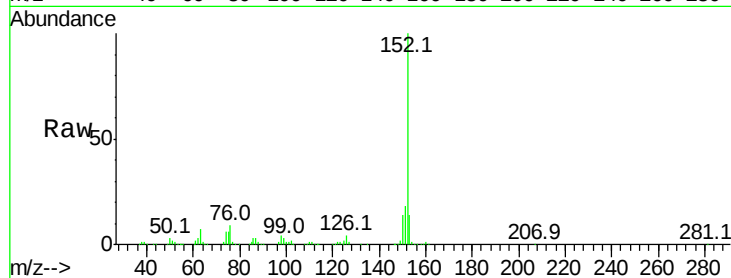
Tot Ion:152 Resp: 762313

Ion Ratio Lower Upper

152 100

151 18.2 16.3 24.5

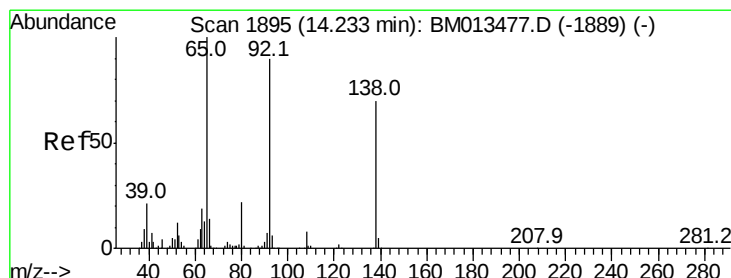
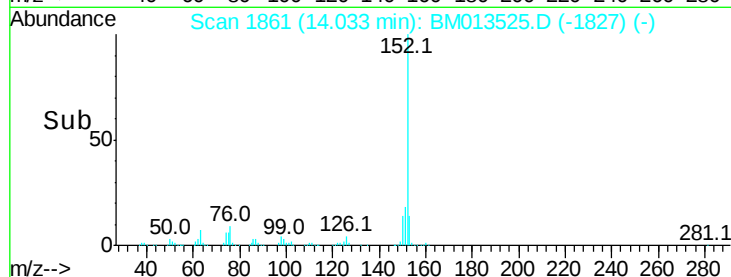
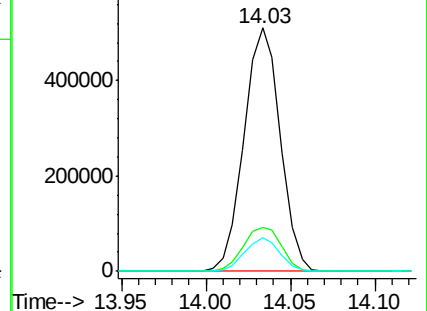
153 13.7 10.2 15.4



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



#48

3-Nitroaniline

Concen: 20.298 ng/ul

RT: 14.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

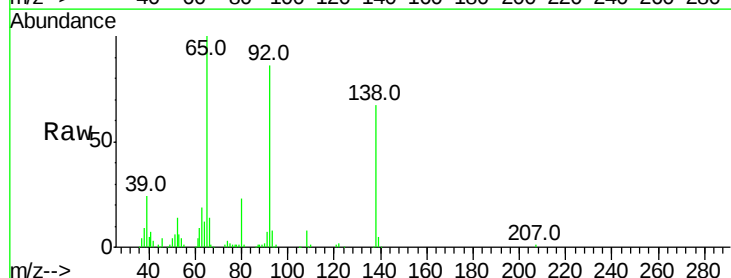
Tgt Ion:138 Resp: 121698

Ion Ratio Lower Upper

138 100

108 12.1 9.9 14.9

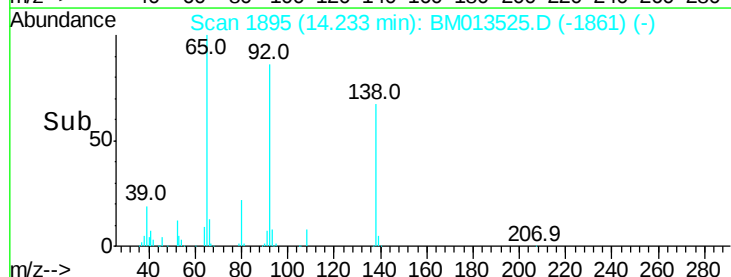
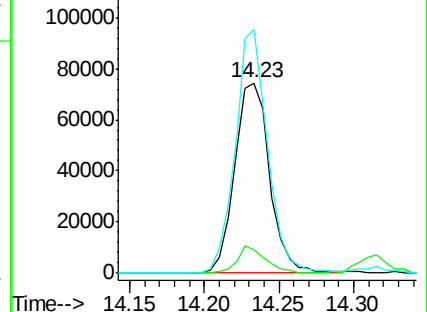
92 128.1 105.0 157.4

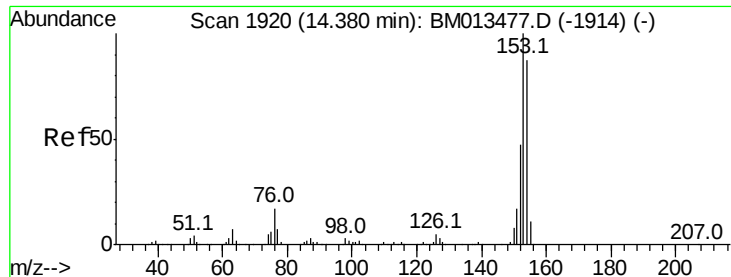


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.431 ng/ul

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

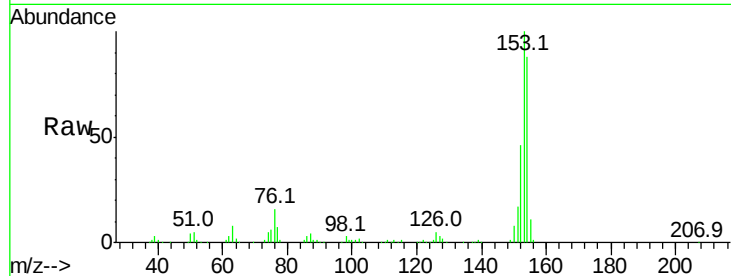
Tot Ion:153 Resp: 519770

Ion Ratio Lower Upper

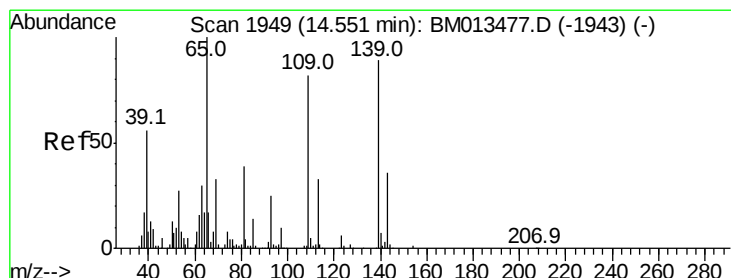
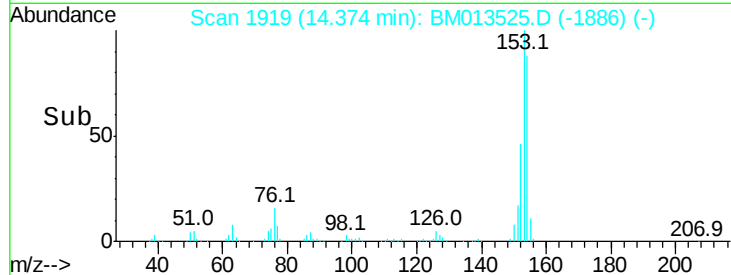
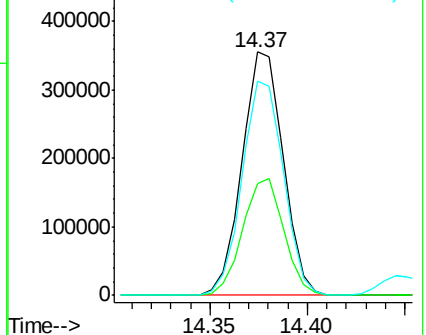
153 100

152 46.0 37.6 56.4

154 87.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 15.489 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

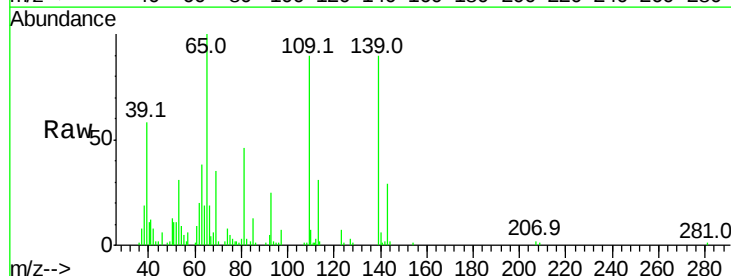
Tgt Ion:109 Resp: 90778

Ion Ratio Lower Upper

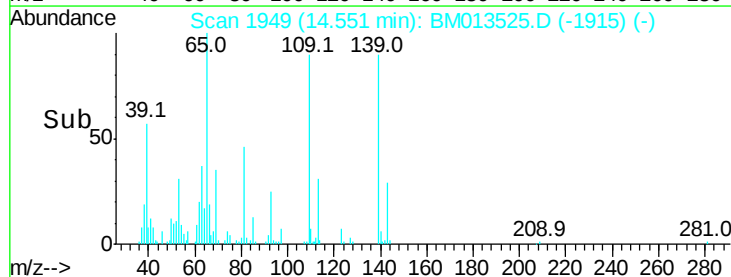
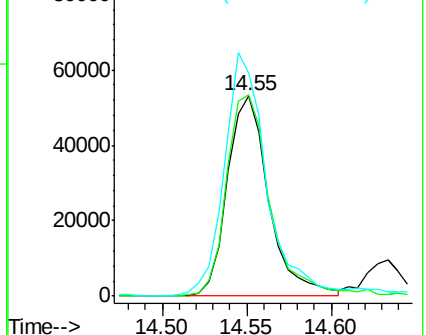
109 100

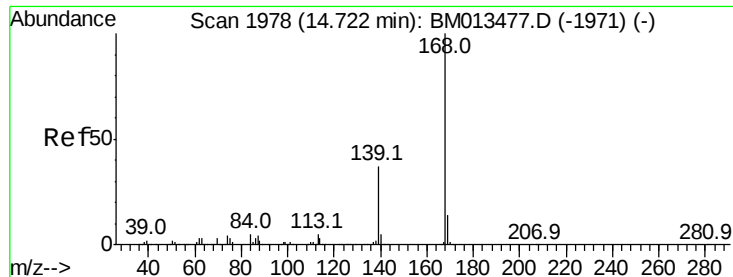
139 100.3 80.0 120.0

65 111.1 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 19.629 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

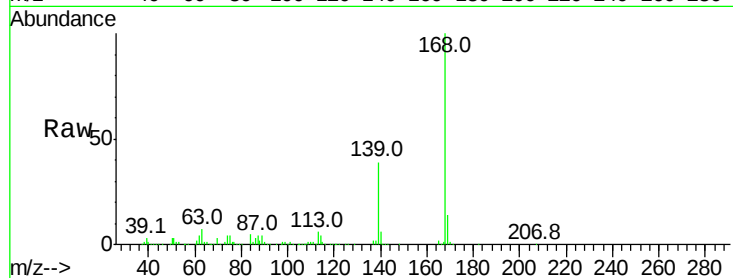
ClientSampleId :

Tot Ion:168 Resp: 775149

Ion Ratio Lower Upper

168 100

139 38.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.72

600000

500000

400000

300000

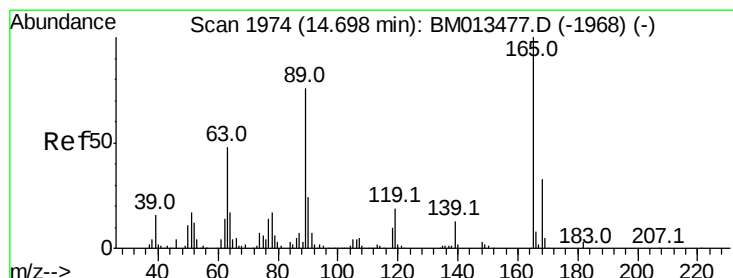
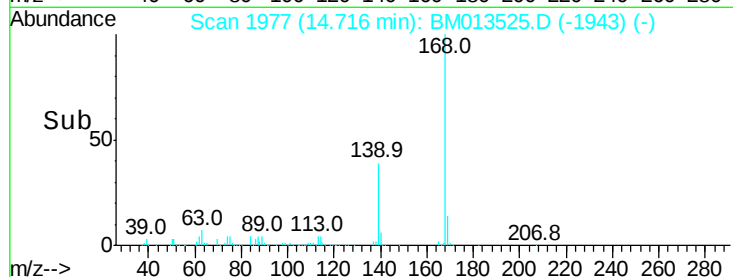
200000

100000

0

14.65 14.70 14.75

Time-->



#54

2,4-Dinitrotoluene

Concen: 19.467 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

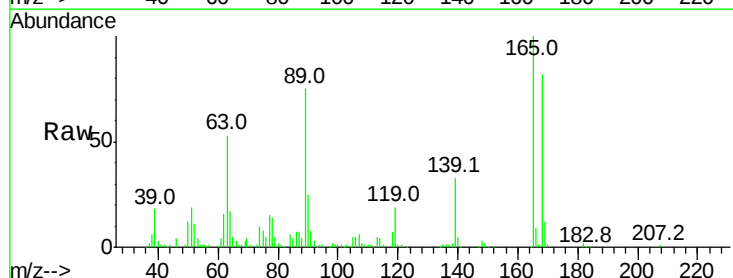
Tgt Ion:165 Resp: 189944

Ion Ratio Lower Upper

165 100

63 52.5 45.8 68.8

182 2.1 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.70

150000

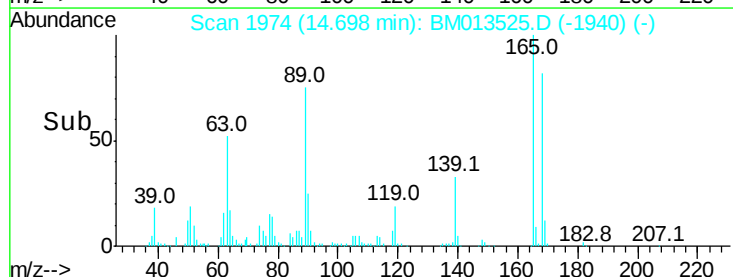
100000

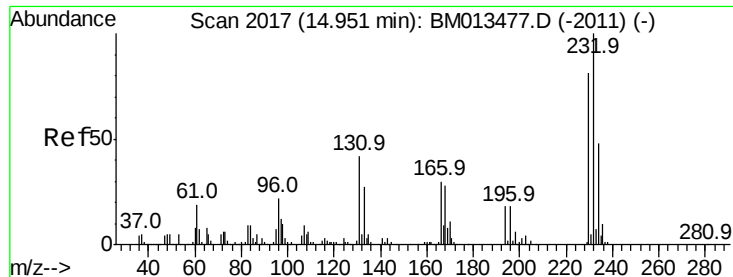
50000

0

14.65 14.70 14.75

Time-->





#55

2,3,4,6-Tetrachlorophenol

Concen: 19.403 ng/ul

RT: 14.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 164265

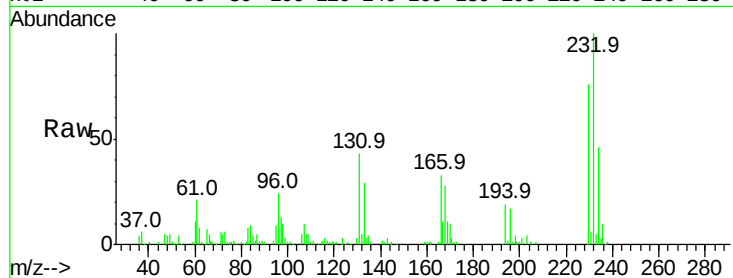
Ion Ratio Lower Upper

232 100

131 42.9 29.0 43.4

130 2.5 2.0 3.0

166 32.5 21.4 32.2#

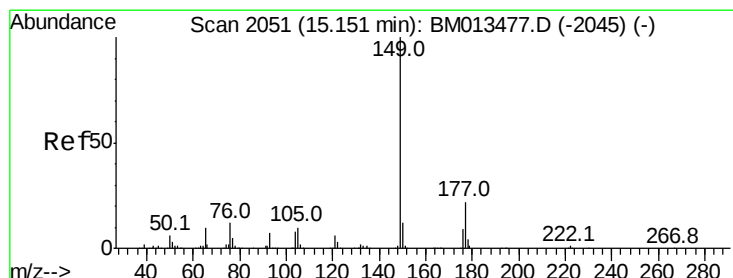
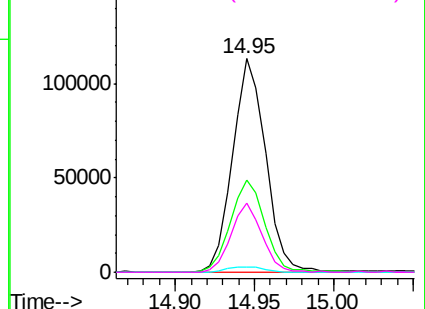
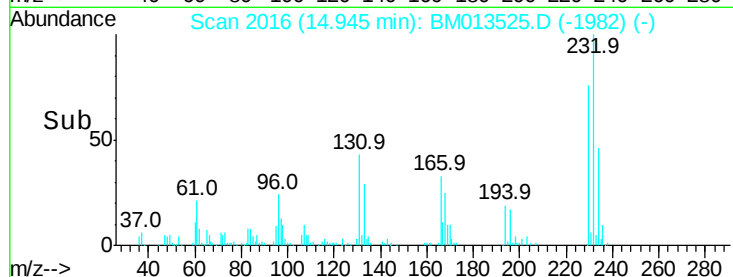


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56

Diethylphthalate

Concen: 18.312 ng/ul

RT: 15.15 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

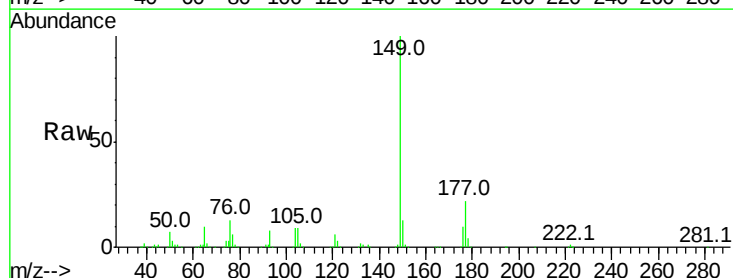
Tgt Ion:149 Resp: 604031

Ion Ratio Lower Upper

149 100

177 21.6 20.5 30.7

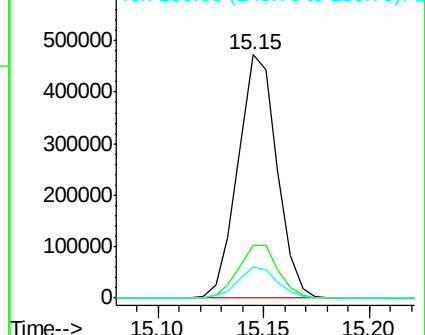
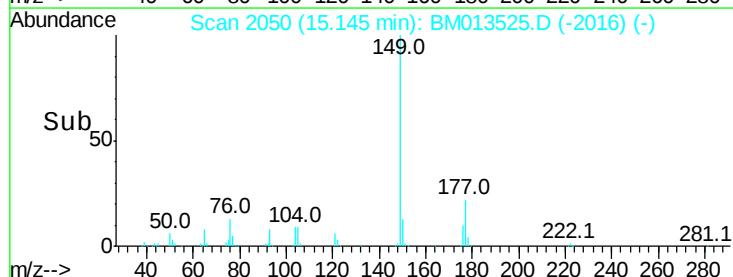
150 12.9 10.6 15.8

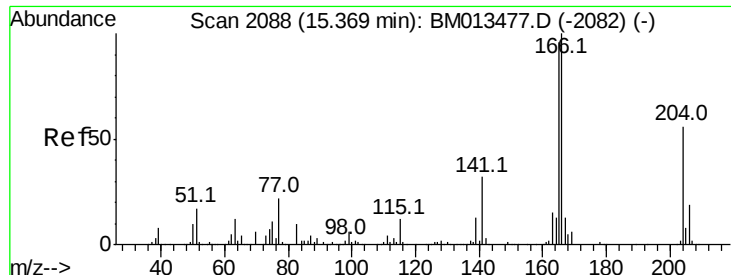


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 19.314 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

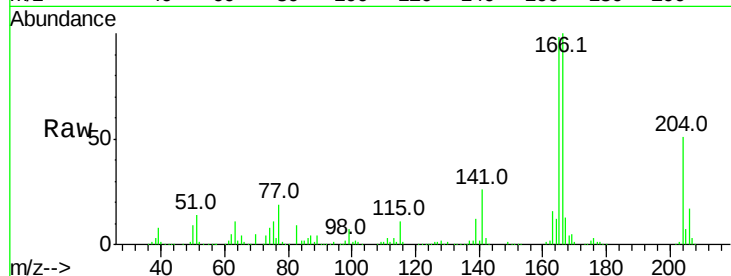
Tot Ion:166 Resp: 630957

Ion Ratio Lower Upper

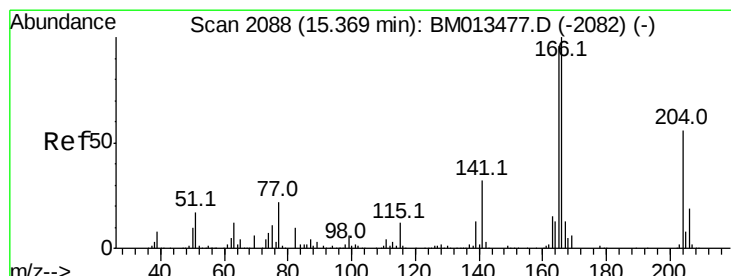
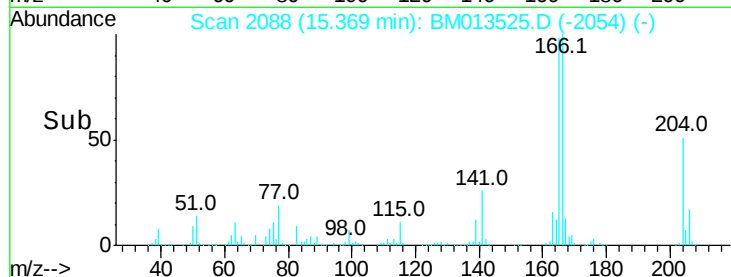
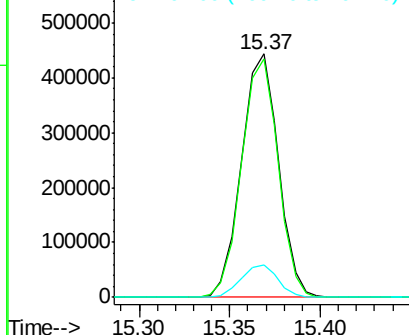
166 100

165 97.9 77.9 116.9

167 13.1 10.6 16.0



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

4-Chlorophenyl-phenylether

Concen: 19.543 ng/ul

RT: 15.36 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

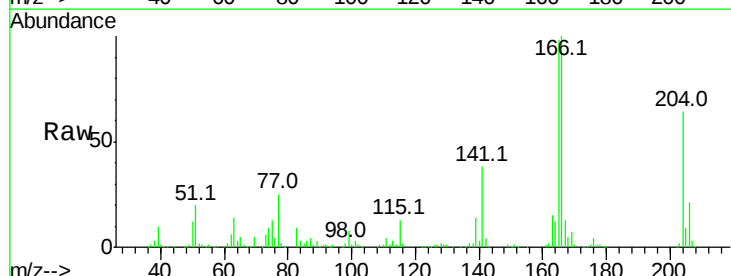
Tgt Ion:204 Resp: 346524

Ion Ratio Lower Upper

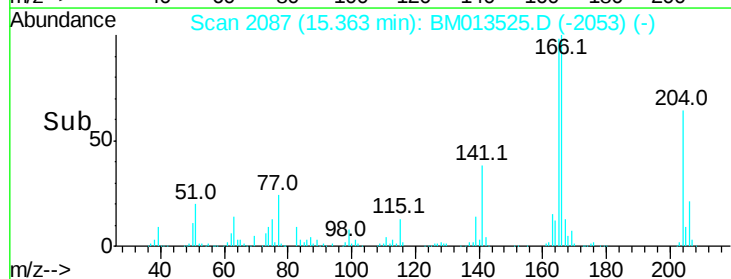
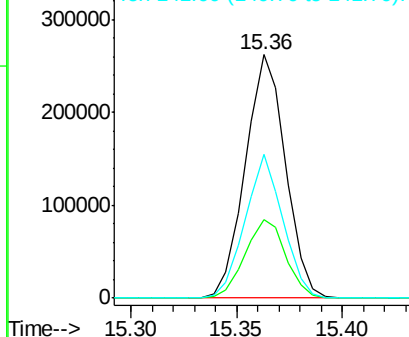
204 100

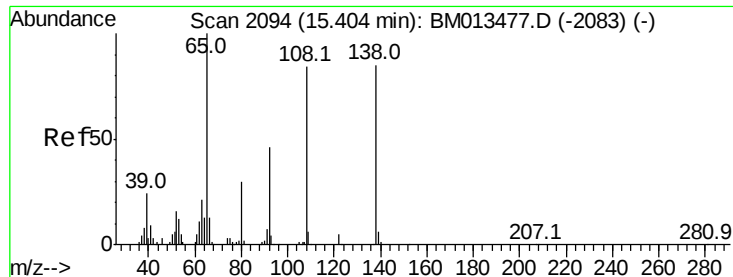
206 32.2 24.8 37.2

141 59.2 44.3 66.5



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

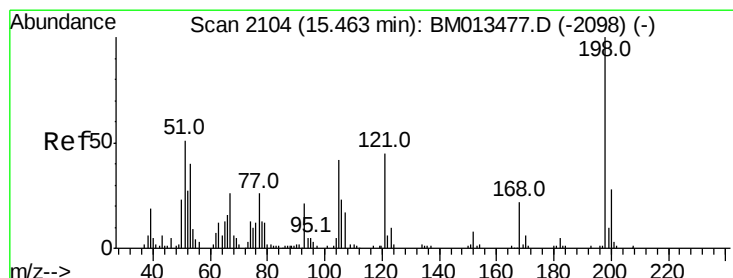
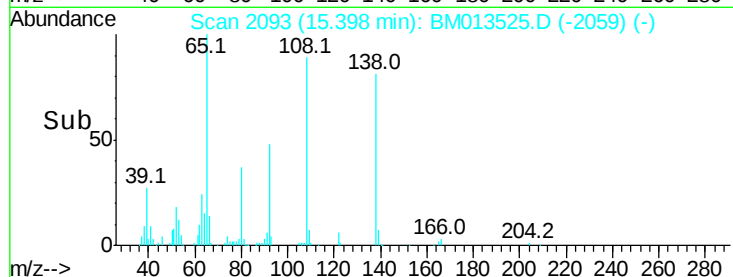
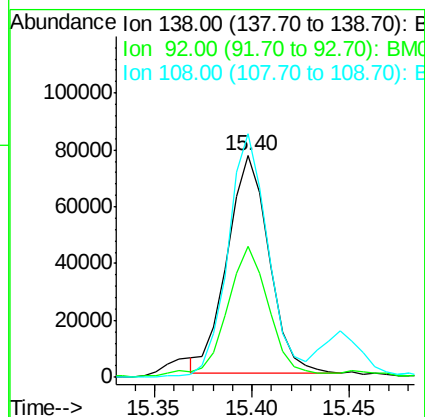
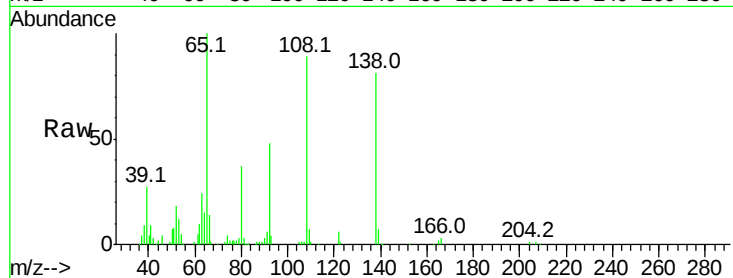




#60
4-Nitroaniline
Concen: 16.047 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

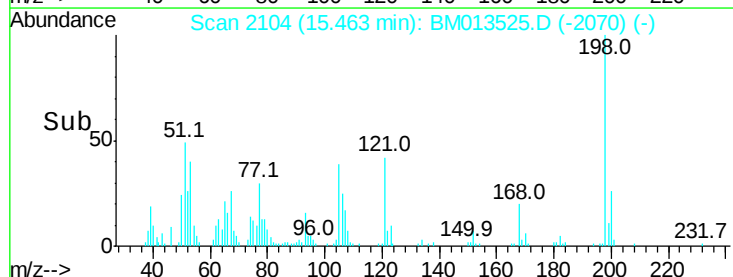
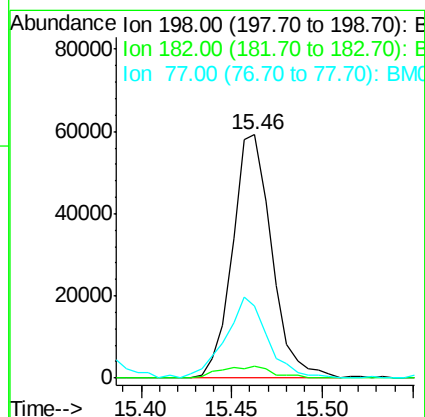
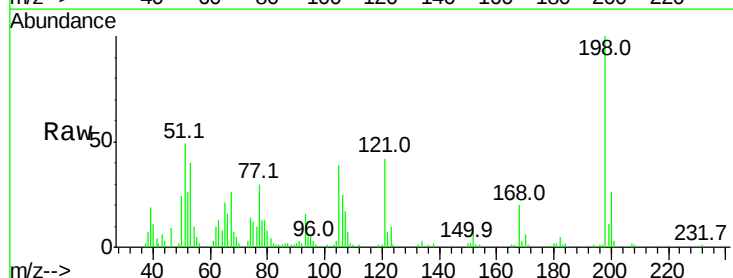
Instrument :
BNA_M
ClientSampleId :

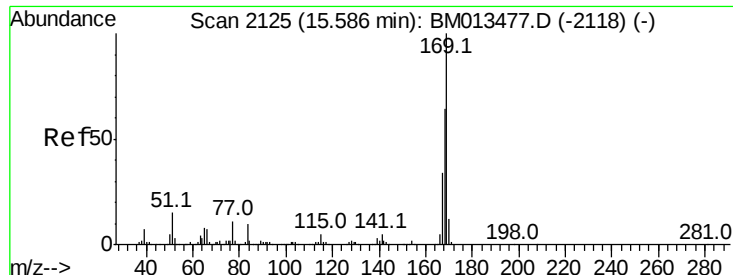
Tot Ion:138 Resp: 113512
Ion Ratio Lower Upper
138 100
92 59.2 40.0 60.0
108 109.9 80.0 120.0



#63
4,6-Dinitro-2-methylphenol
Concen: 15.107 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion:198 Resp: 89134
Ion Ratio Lower Upper
198 100
182 4.9 3.8 5.6
77 29.8 25.2 37.8



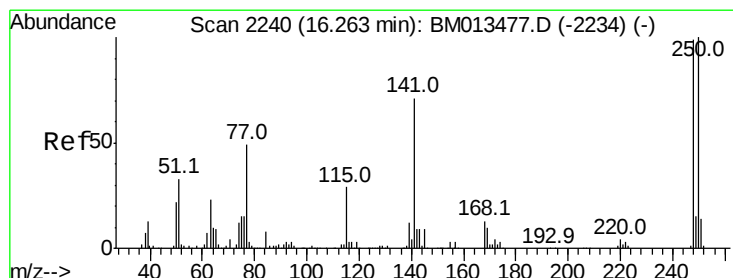
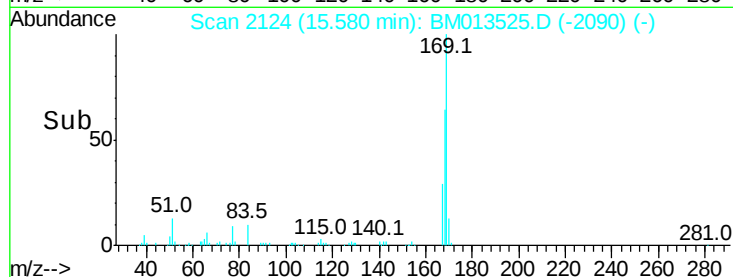
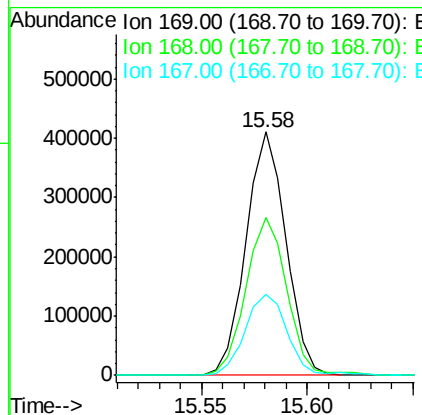
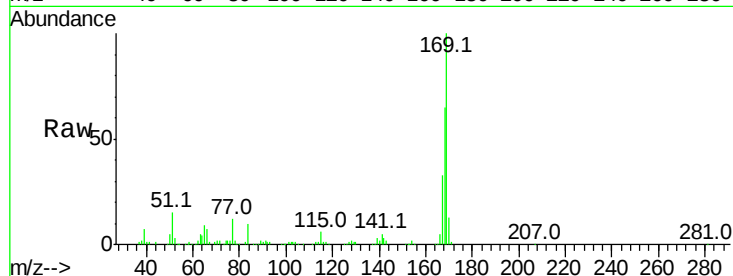


#64

N-Nitrosodiphenylamine
 Concen: 19.505 ng/ul
 RT: 15.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Instrument :
 BNA_M
 ClientSampleId :

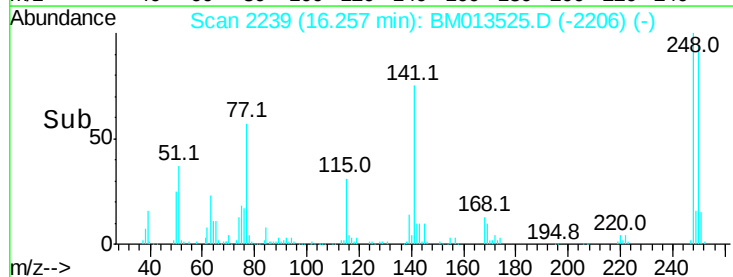
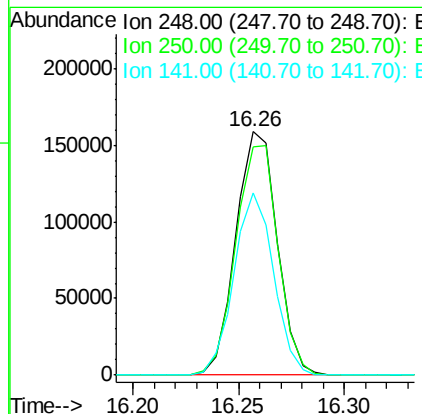
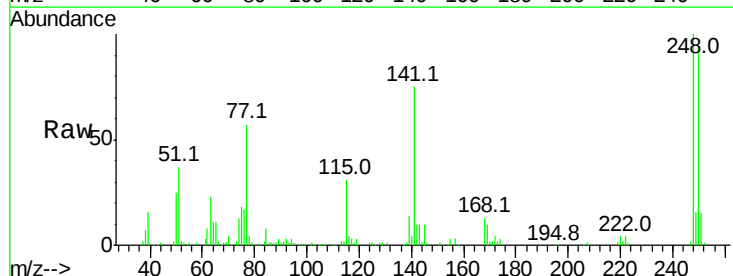
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.7	54.0	81.0
167	33.3	29.1	43.7

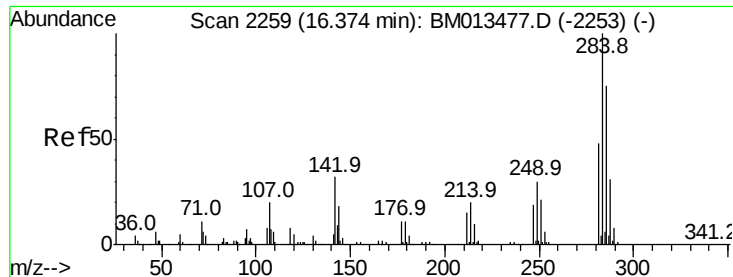


#65

4-Bromophenyl-phenylether
 Concen: 19.549 ng/ul
 RT: 16.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.8	80.5	120.7
141	74.7	53.6	80.4

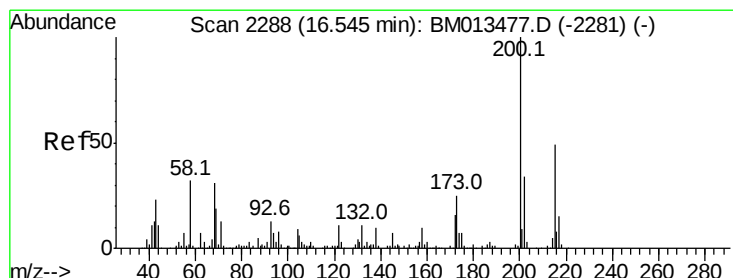
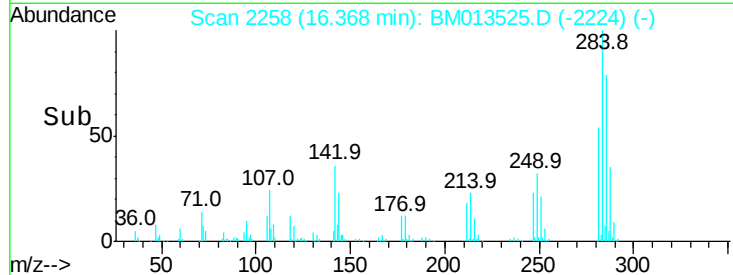
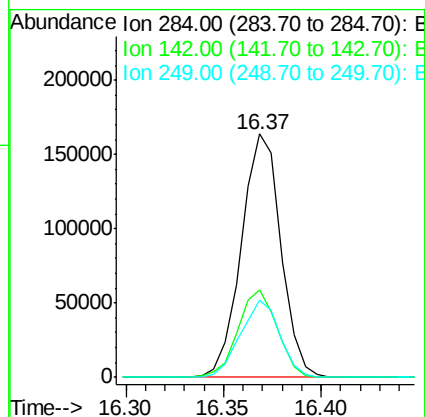
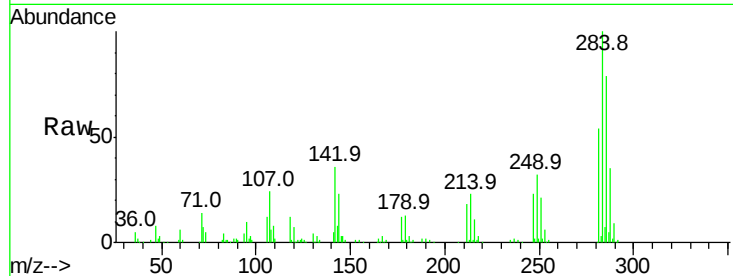




#66
Hexachlorobenzene
Concen: 18.877 ng/ul
RT: 16.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

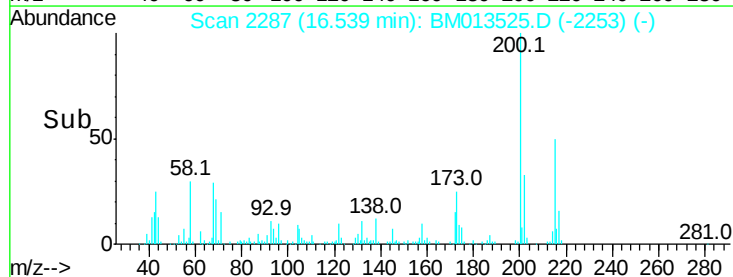
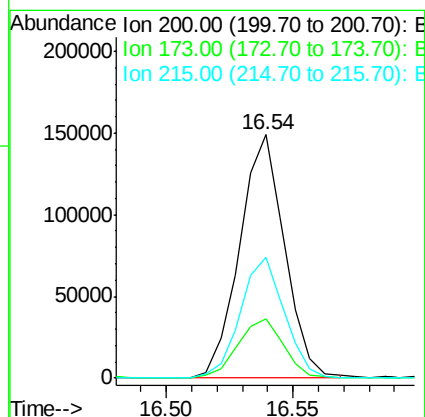
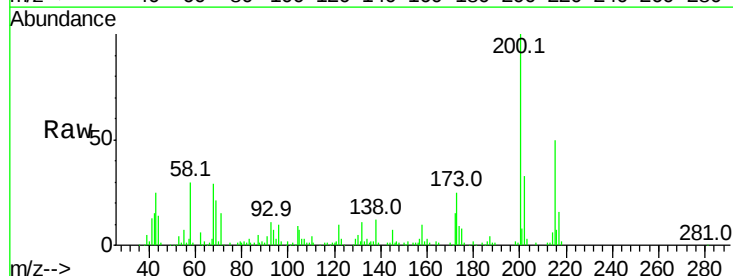
Instrument :
BNA_M
ClientSampleId :

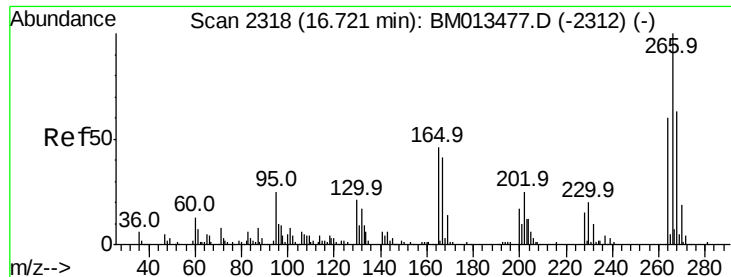
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	21.2	31.8#
249	31.9	24.5	36.7



#67
Atrazine
Concen: 18.056 ng/ul
RT: 16.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	18.2	27.2
215	49.8	35.0	52.4

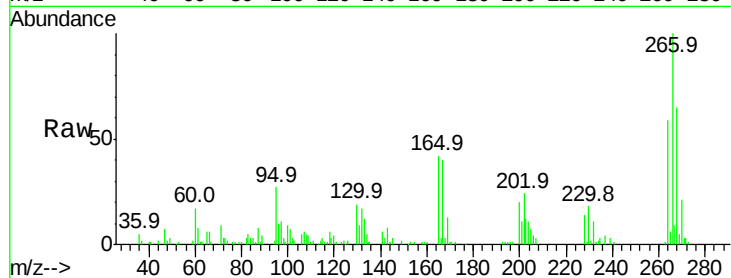




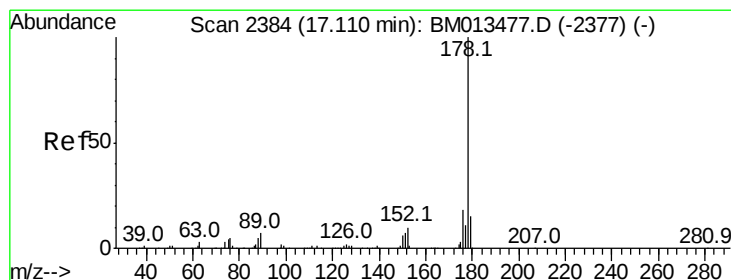
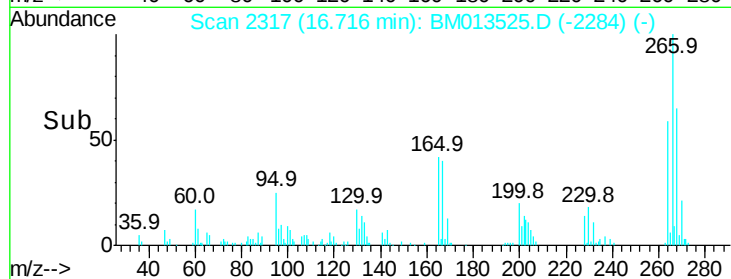
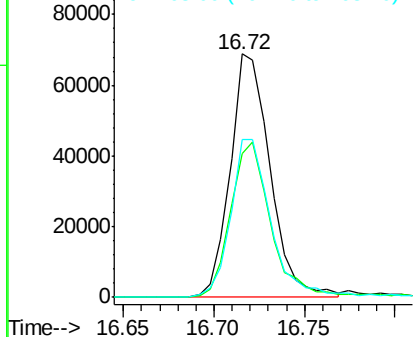
#68
 Pentachlorophenol
 Concen: 14.992 ng/ul
 RT: 16.72 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.1	49.3	73.9
268	64.8	52.6	78.8

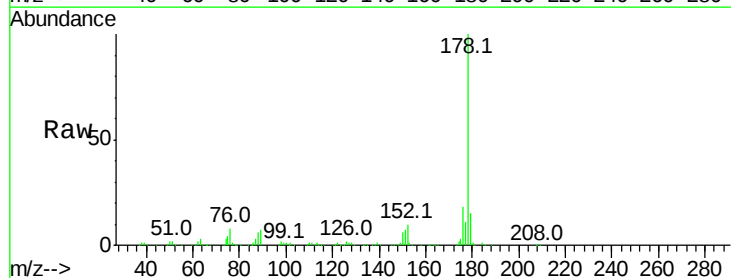


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

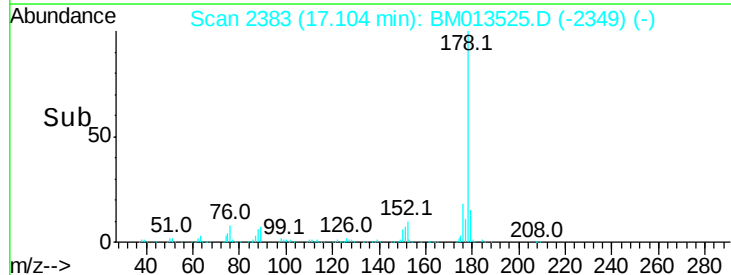
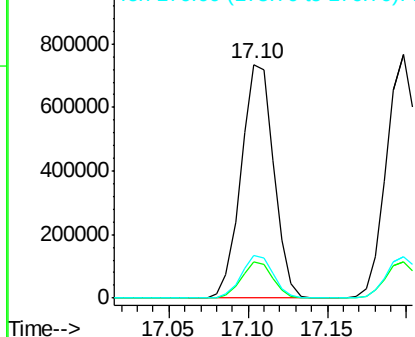


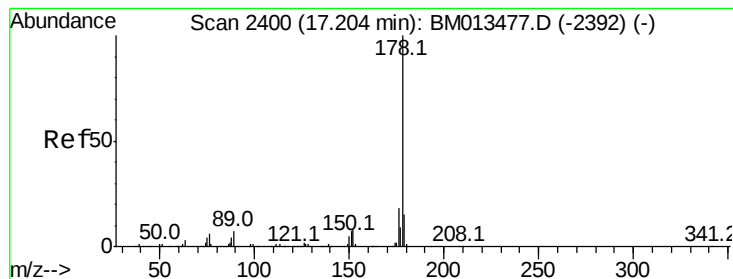
#69
 Phenanthrene
 Concen: 19.720 ng/ul
 RT: 17.10 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BM013525.D
 Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.4	14.9	22.3



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





#71

Anthracene

Concen: 19.394 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

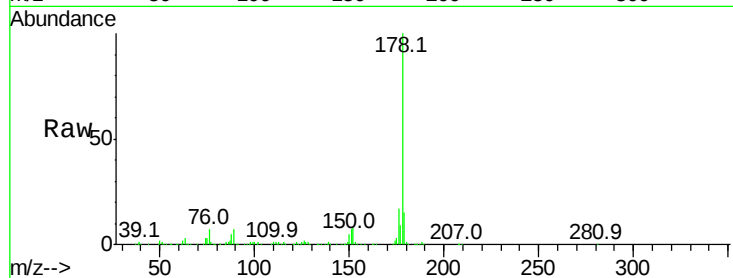
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1056994

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	17.0	14.6	21.8

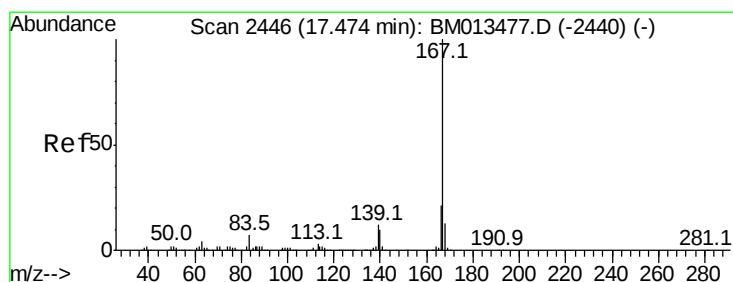
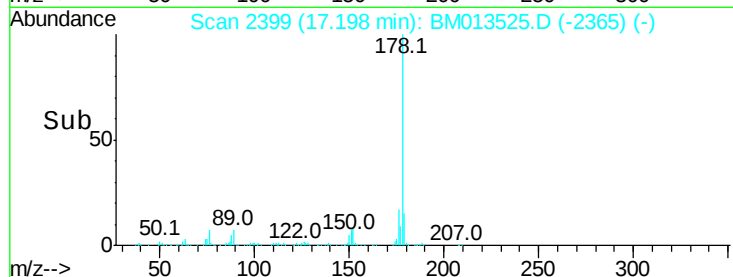
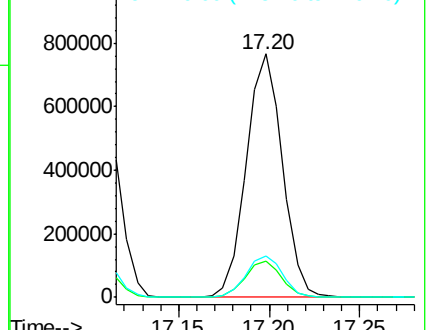


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 18.369 ng/ul

RT: 17.47 min Scan# 2446

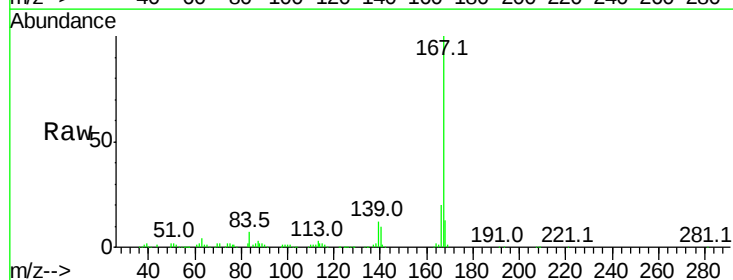
Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Tgt Ion:167 Resp: 861114

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.1	25.7
139	12.4	10.0	15.0

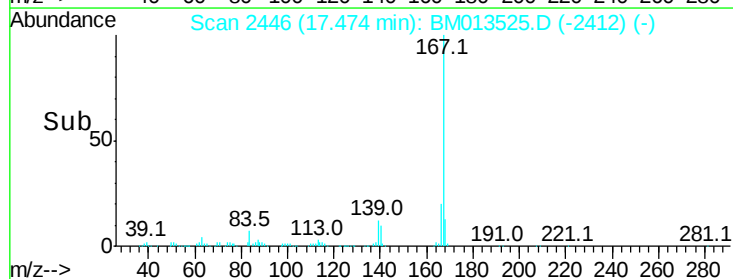
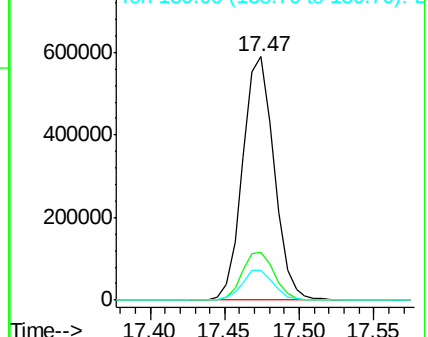


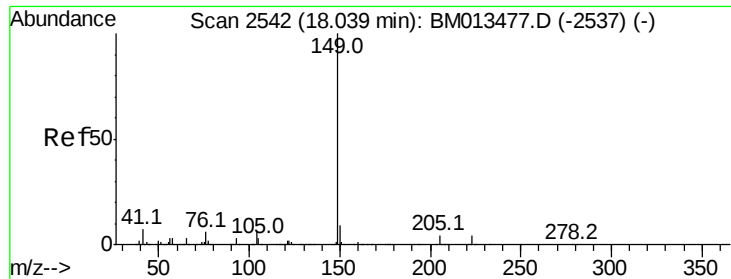
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

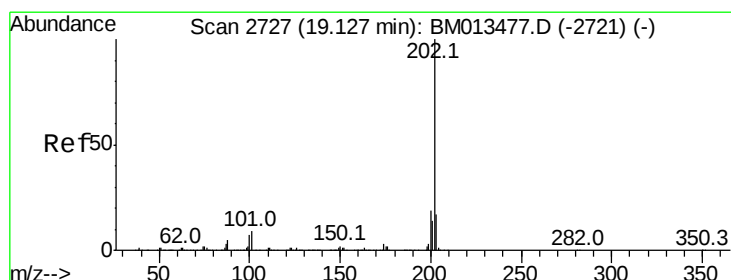
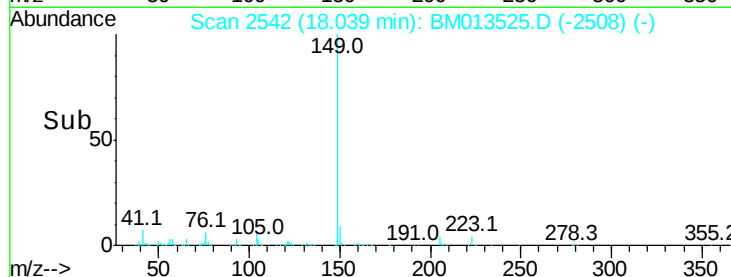
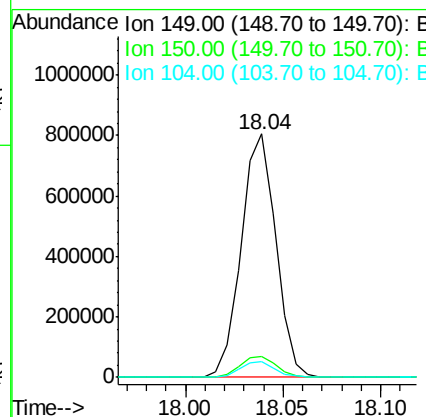
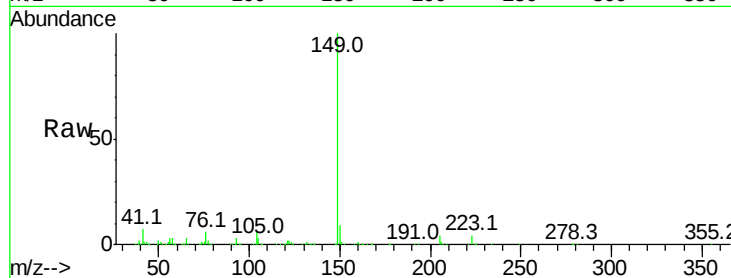




#73
Di-n-butylphthalate
Concen: 18.117 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

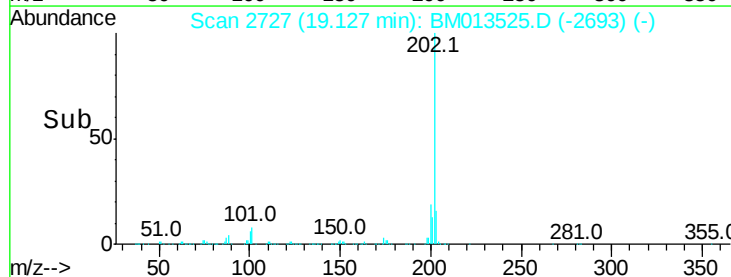
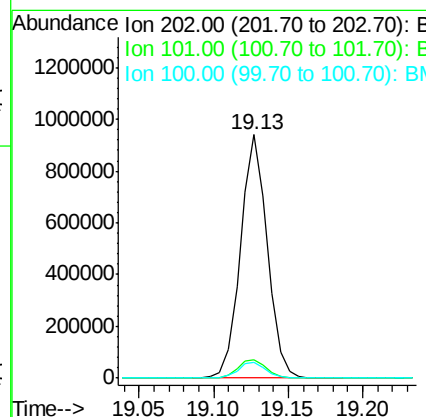
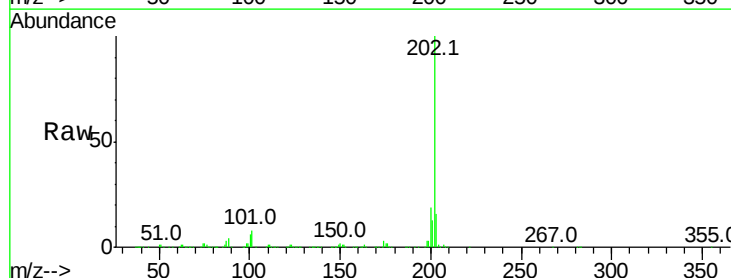
Instrument :
BNA_M
ClientSampleId :

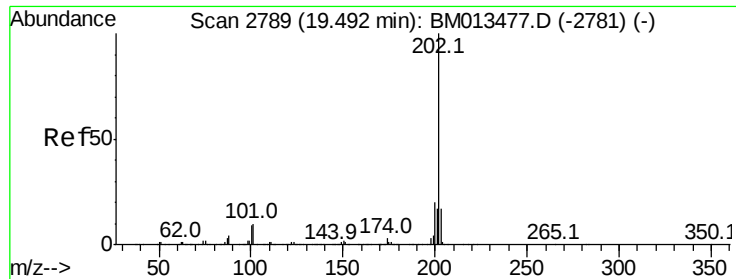
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	6.3	5.6	8.4



#74
Fluoranthene
Concen: 17.965 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	6.5	3.4	5.2#





#77

Pvrene

Concen: 22.324 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

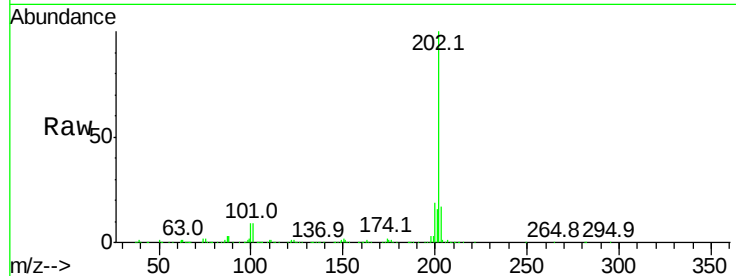
Tot Ion:202 Resp: 1178126

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

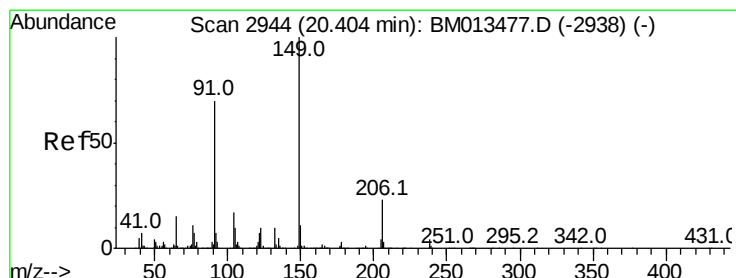
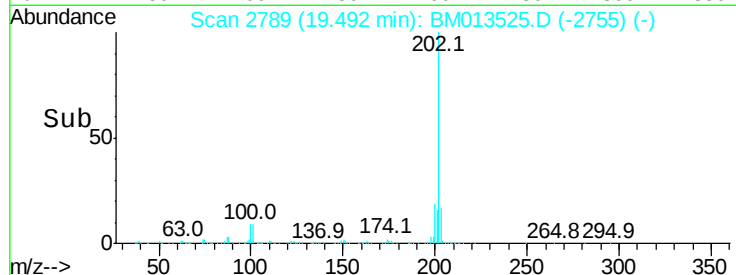
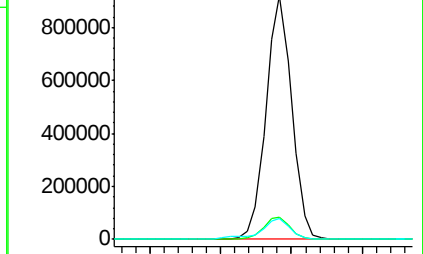
100 8.8 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 19.354 ng/ul

RT: 20.40 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

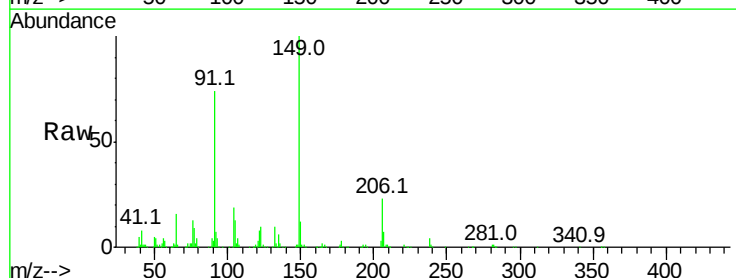
Tgt Ion:149 Resp: 399088

Ion Ratio Lower Upper

149 100

91 74.3 62.7 94.1

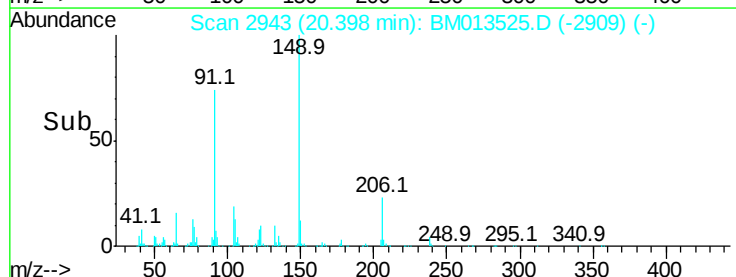
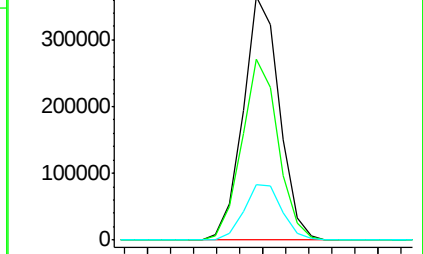
206 22.6 20.8 31.2

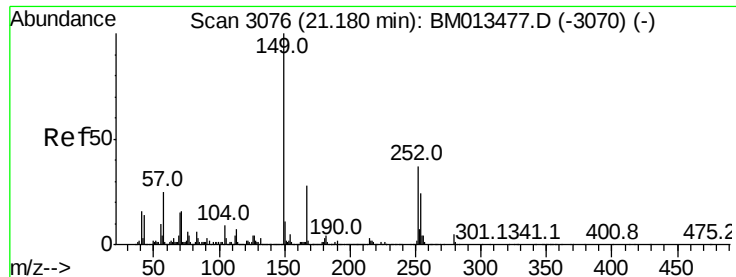


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 15.300 ng/ul

RT: 21.18 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

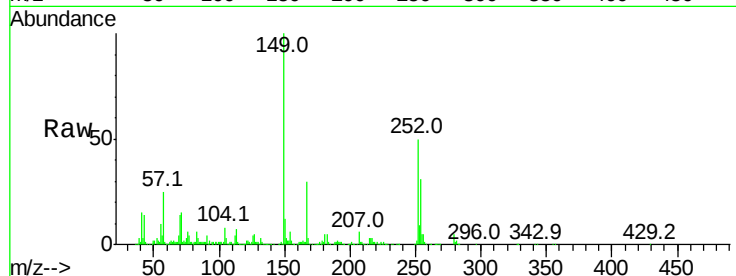
Tot Ion:252 Resp: 279384

Ion Ratio Lower Upper

252 100

254 62.5 54.5 81.7

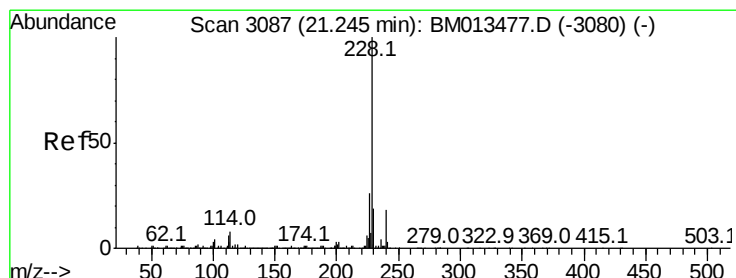
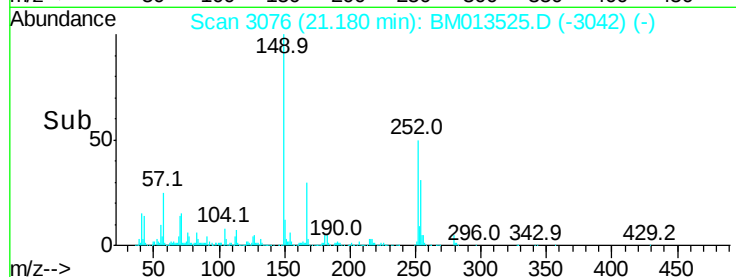
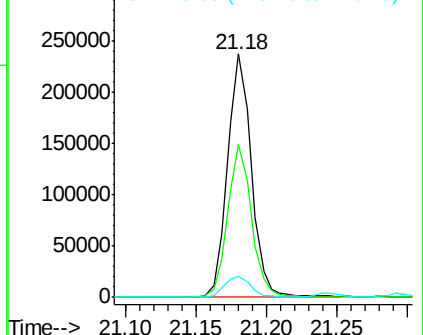
126 8.5 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 19.080 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

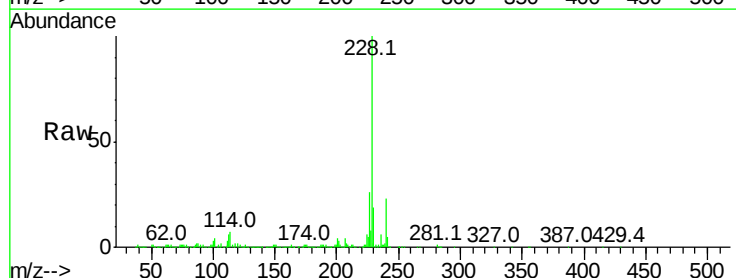
Tgt Ion:228 Resp: 1051617

Ion Ratio Lower Upper

228 100

229 18.5 15.4 23.0

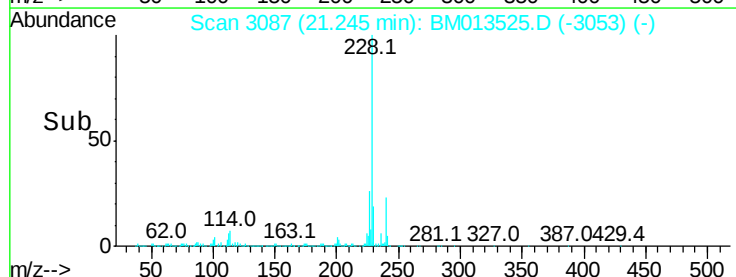
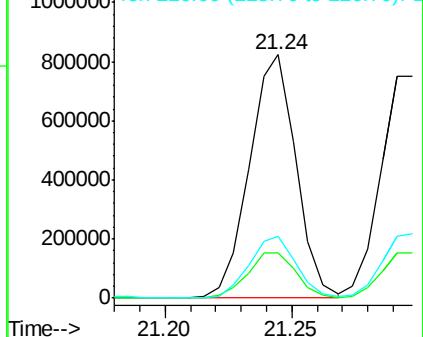
226 25.7 21.4 32.0

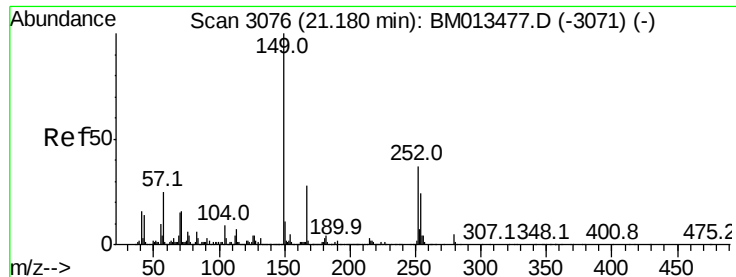


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

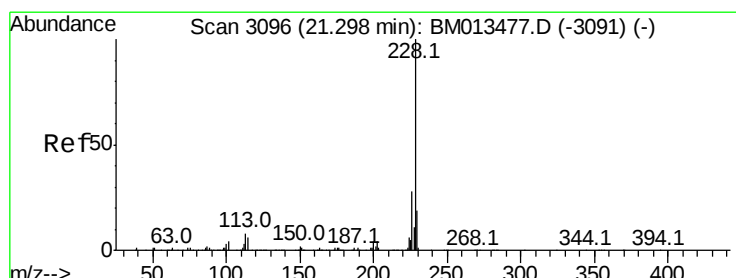
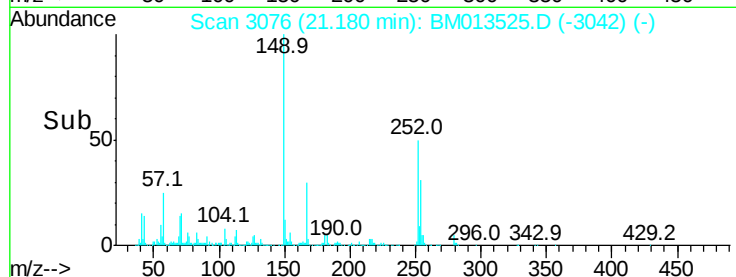
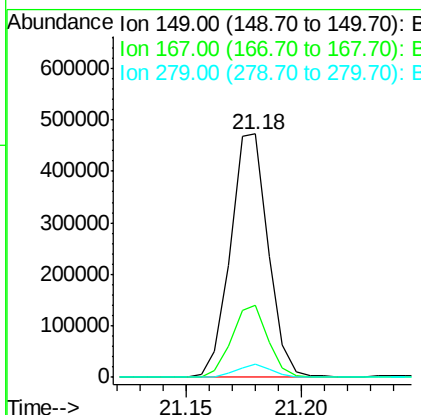
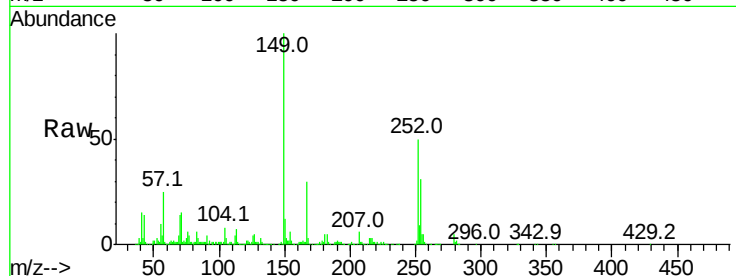




#81
Bis(2-ethylhexyl)phthalate
Concen: 17.197 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

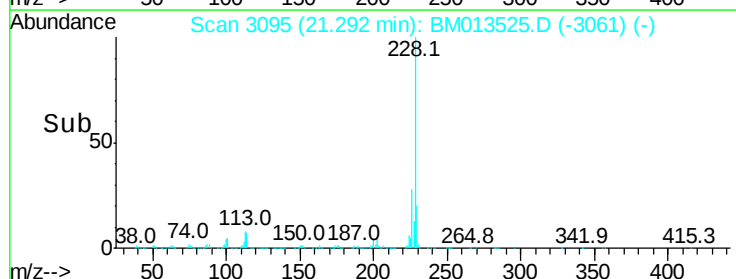
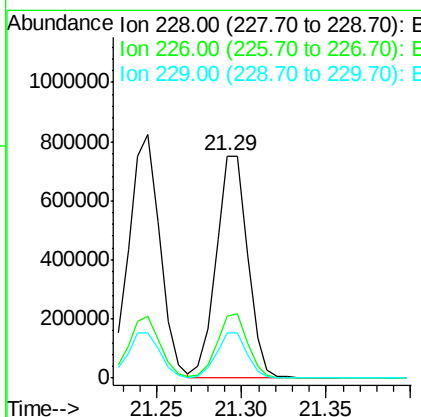
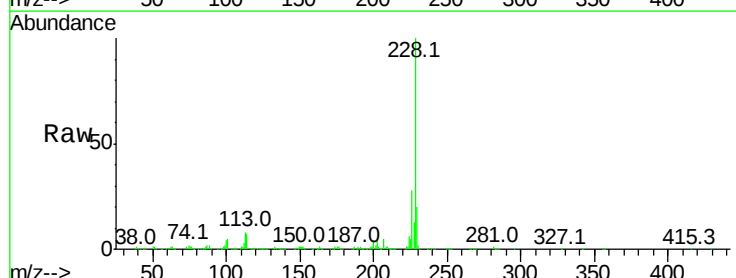
Instrument :
BNA_M
ClientSampleId :

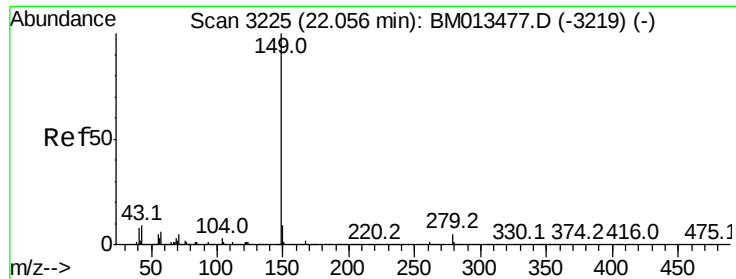
Tot Ion:149 Resp: 534488
Ion Ratio Lower Upper
149 100
167 29.6 22.8 34.2
279 5.5 4.9 7.3



#82
Chrysene
Concen: 19.080 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion:228 Resp: 975606
Ion Ratio Lower Upper
228 100
226 28.1 23.4 35.2
229 20.1 15.5 23.3





#84

Di-n-octyl phthalate

Concen: 16.491 ng/ul

RT: 22.05 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

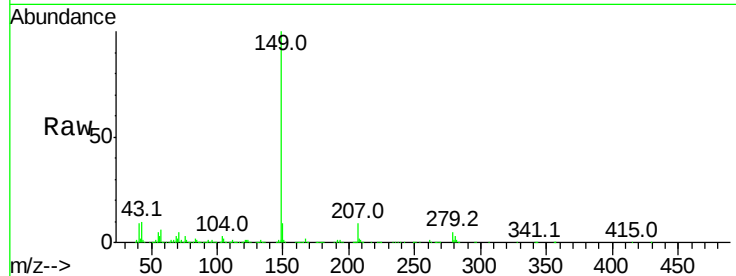
Tot Ion:149 Resp: 850751

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

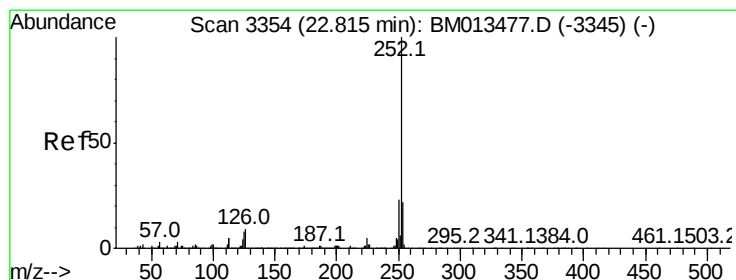
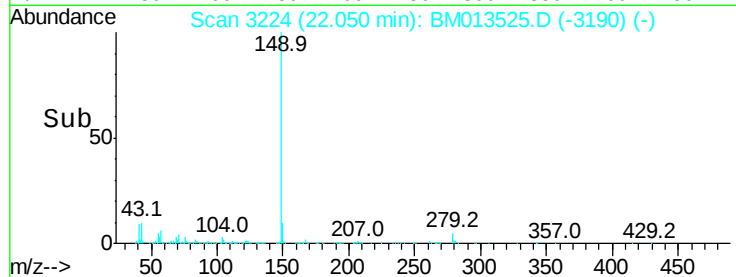
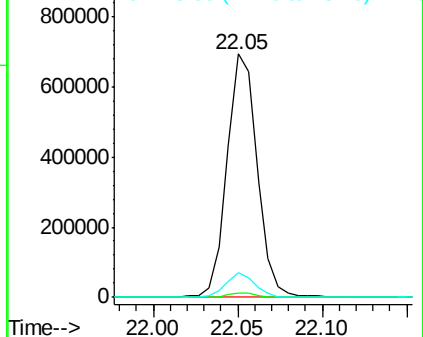
43 10.3 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 20.051 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

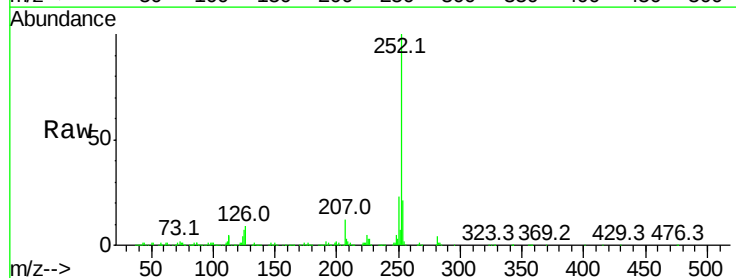
Tgt Ion:252 Resp: 980619

Ion Ratio Lower Upper

252 100

253 20.6 17.9 26.9

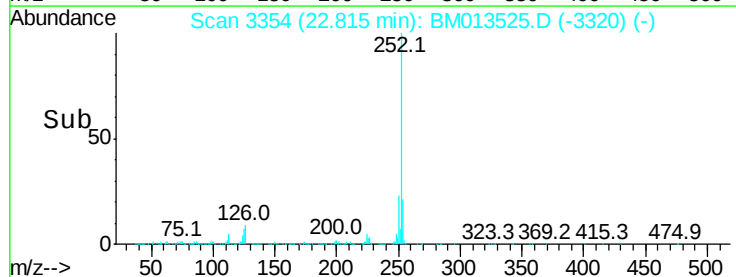
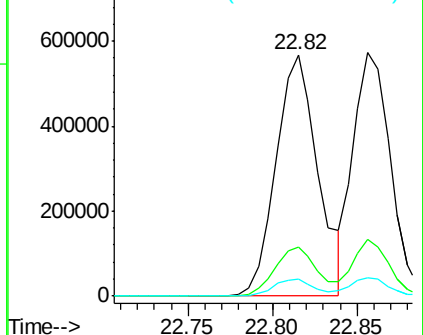
125 6.8 3.6 5.4#

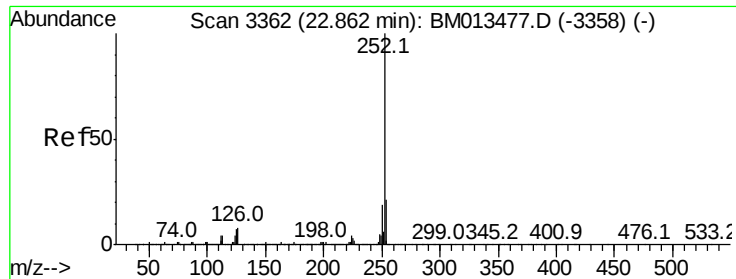


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 19.118 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

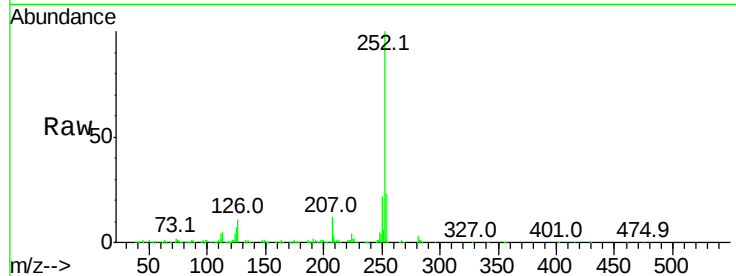
Tot Ion:252 Resp: 879853

Ion Ratio Lower Upper

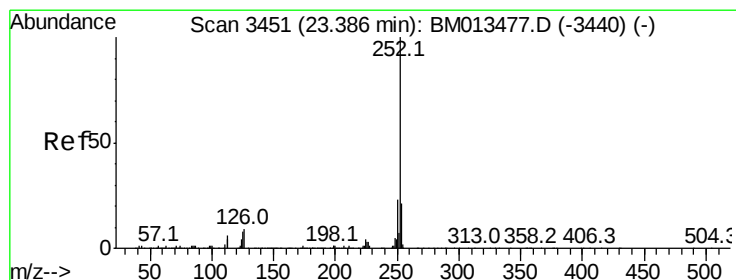
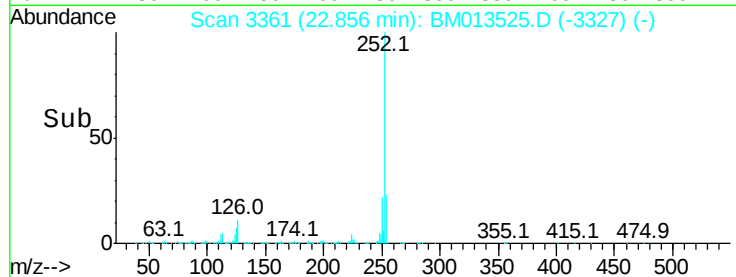
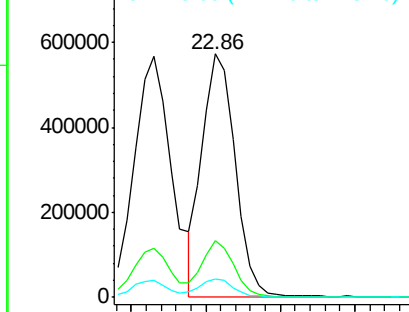
252 100

253 23.1 17.1 25.7

125 7.5 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 19.783 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

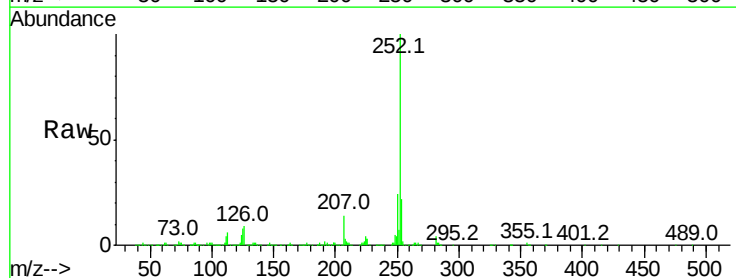
Tgt Ion:252 Resp: 869094

Ion Ratio Lower Upper

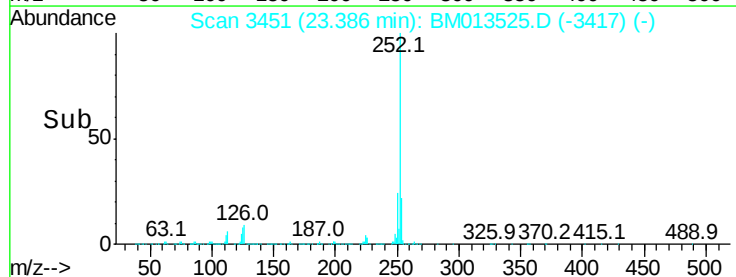
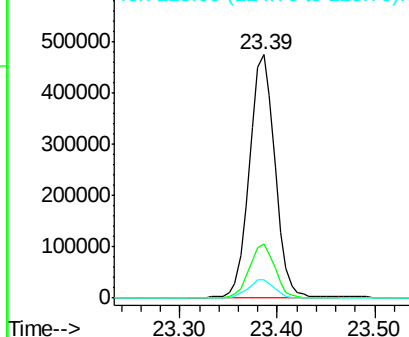
252 100

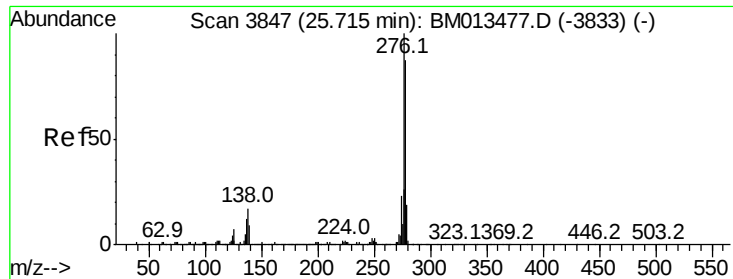
253 22.4 18.2 27.2

125 7.6 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



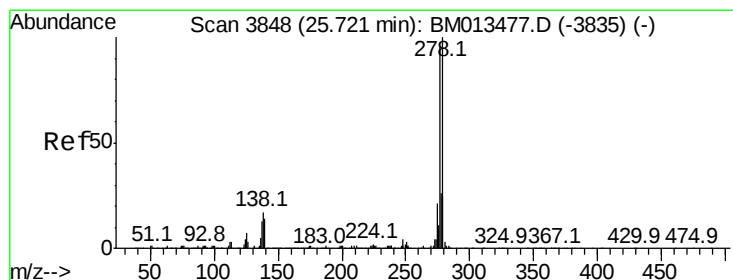
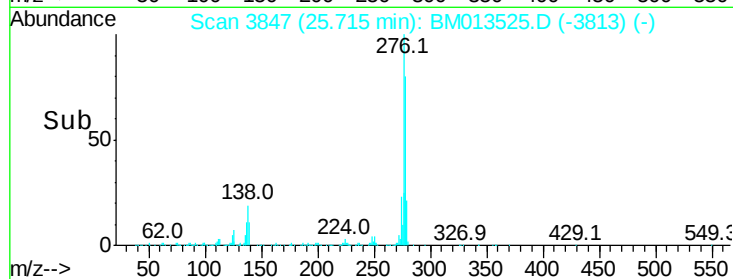
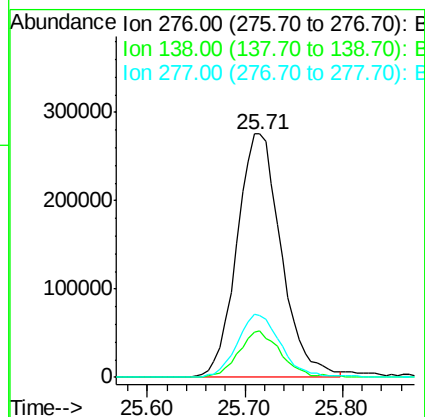
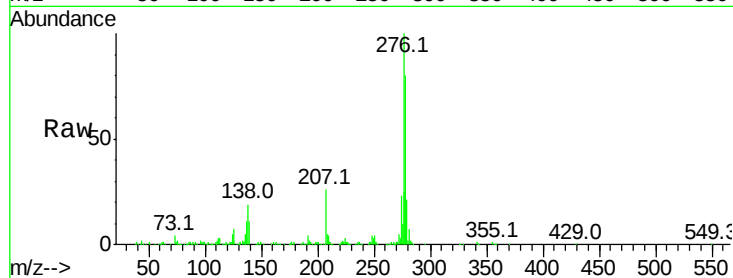


#89

Indeno(1,2,3-cd)pyrene
Concen: 19.990 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Instrument :
BNA_M
ClientSampleId :

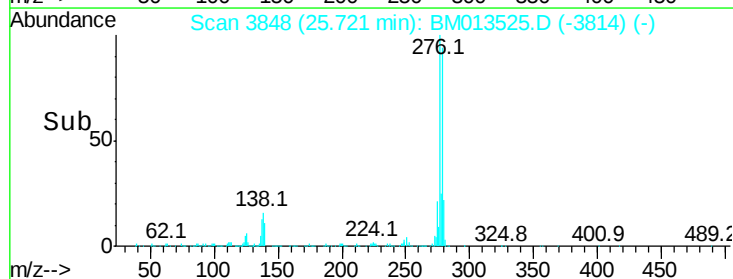
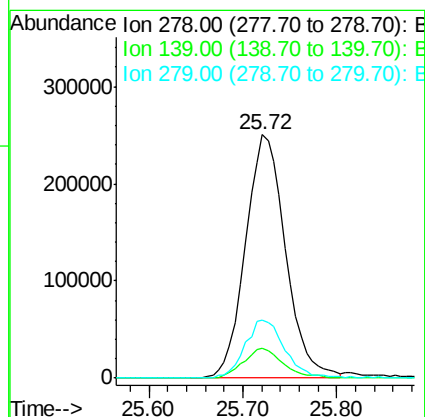
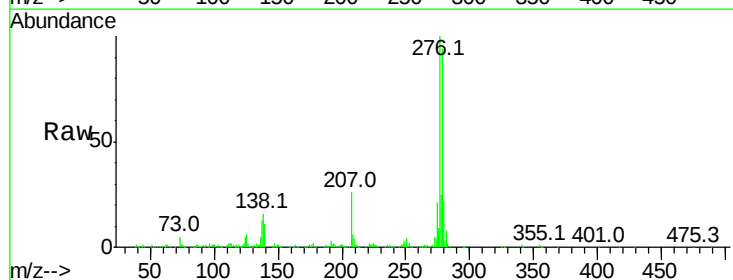
Tot Ion:276 Resp: 871376
Ion Ratio Lower Upper
276 100
138 18.9 9.3 13.9#
277 25.2 19.9 29.9

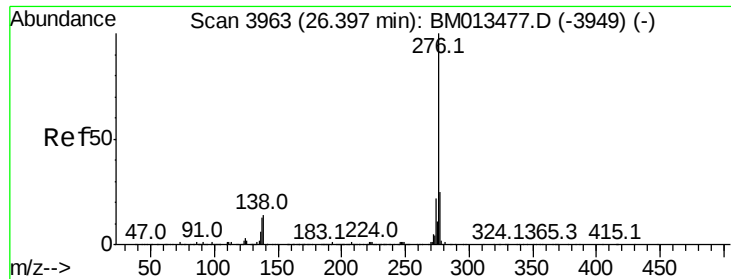


#90

Dibenzo(a,h)anthracene
Concen: 19.924 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. 0.00 min
Lab File: BM013525.D
Acq: 20 Dec 2017 11:31

Tgt Ion:278 Resp: 739529
Ion Ratio Lower Upper
278 100
139 12.1 5.8 8.8#
279 23.9 18.6 27.8





#91

Benzo(a,h,i)perylene

Concen: 20.032 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.01 min

Lab File: BM013525.D

Acq: 20 Dec 2017 11:31

Instrument :

BNA_M

ClientSampleId :

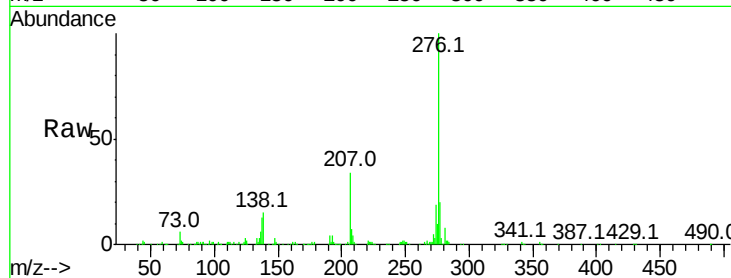
Tot Ion:276 Resp: 688773

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 19.7 18.6 28.0



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

