

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030218\
 Data File : BM014453.D
 Acq On : 02 Mar 2018 09:48
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 02 14:38:22 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	112035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	514502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	331296	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	764168	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	711719	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	649079	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	16184	6.18	ng/uL	0.00
5) Phenol-d5	6.72	99	191944	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	114269	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	147831	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	162153	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	80550	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	88932	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	163469	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	189457	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	567474	20.74	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	695295	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49419	13.08	ng/ul	0.02
57) Fluorene-d10	15.18	176	472286	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	91867	20.04	ng/ul	0.01
70) Anthracene-d10	17.04	188	743131	20.16	ng/ul	0.00
76) Pyrene-d10	19.35	212	762902	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	616382	19.51	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.12	88	16154	5.555 ng/uL#	74
4) Benzaldehyde	6.68	77	83516	21.633 ng/ul	95
6) Phenol	6.75	94	192872	19.411 ng/ul	91
8) Bis(2-Chloroethyl)ether	6.96	93	147042	20.396 ng/ul	94
10) 2-Chlorophenol	7.08	128	148636	20.050 ng/ul	98
11) 2-Methylphenol	7.97	108	145189	19.104 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	155786	21.412 ng/ul#	74
14) Acetophenone	8.34	105	266151	18.619 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.32	70	143165	19.986 ng/ul#	74
16) 4-Methylphenol	8.30	108	164101	19.815 ng/ul	97
17) Hexachloroethane	8.56	117	69924	18.106 ng/ul#	75
20) Nitrobenzene	8.72	77	216498	19.253 ng/ul	99
21) Isophorone	9.23	82	405790	21.097 ng/ul	97
23) 2-Nitrophenol	9.42	139	94115	22.081 ng/ul	93
24) 2,4-Dimethylphenol	9.49	107	209262	20.026 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	214377	21.159 ng/ul	93
27) 2,4-Dichlorophenol	9.96	162	157800	20.404 ng/ul#	89
28) Naphthalene	10.33	128	527138	19.948 ng/ul	97
30) 4-Chloroaniline	10.47	127	195192	23.834 ng/ul	100
31) Hexachlorobutadiene	10.60	225	113347	18.473 ng/ul	97
32) Caprolactam	11.26	113	49194	19.860 ng/ul#	42
33) 4-Chloro-3-methylphenol	11.62	107	185525	19.853 ng/ul	98
34) 2-Methylnaphthalene	11.96	142	392771	19.528 ng/ul	96

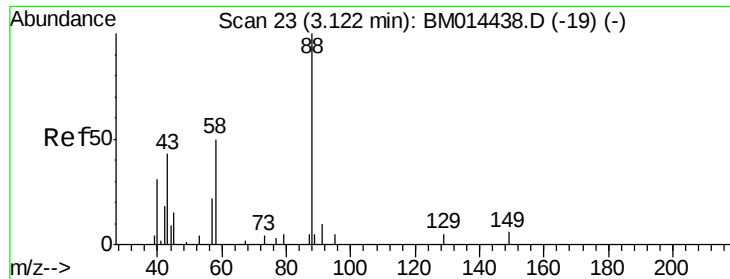
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	211699	19.906	ng/ul#	97
37) Hexachlorocyclopentadiene	12.30	237	88548	15.300	ng/ul	99
38) 2,4,6-Trichlorophenol	12.60	196	138229	20.834	ng/ul	98
39) 2,4,5-Trichlorophenol	12.60	196	138229	20.387	ng/ul	99
40) 1,1'-Biphenyl	12.99	154	536552	21.024	ng/ul#	96
41) 2-Chloronaphthalene	13.04	162	419500	20.577	ng/ul	95
42) 2-Nitroaniline	13.27	65	150324	21.792	ng/ul	96
44) Dimethylphthalate	13.64	163	558534	20.703	ng/ul	98
45) 2,6-Dinitrotoluene	13.78	165	114598	22.358	ng/ul	87
47) Acenaphthylene	13.89	152	656149	20.577	ng/ul	98
48) 3-Nitroaniline	14.12	138	92102	21.201	ng/ul	95
49) Acenaphthene	14.24	153	455367	20.281	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	47510	17.235	ng/ul#	86
52) 4-Nitrophenol	14.47	109	101529	20.501	ng/ul#	68
53) Dibenzofuran	14.58	168	656130	19.489	ng/ul	96
54) 2,4-Dinitrotoluene	14.59	165	176060	21.438	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.83	232	122490	17.864	ng/ul#	80
56) Diethylphthalate	15.02	149	594501	19.775	ng/ul	95
58) Fluorene	15.23	166	544959	18.750	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.23	204	278287	18.305	ng/ul	93
60) 4-Nitroaniline	15.29	138	88321	18.129	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	15.37	198	94686	20.294	ng/ul	93
64) N-Nitrosodiphenylamine	15.46	169	463445	21.104	ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	167170	19.605	ng/ul#	84
66) Hexachlorobenzene	16.24	284	172944	19.287	ng/ul#	77
67) Atrazine	16.42	200	185887	21.434	ng/ul	94
68) Pentachlorophenol	16.62	266	64064	13.634	ng/ul	94
69) Phenanthrene	16.98	178	854259	19.403	ng/ul	100
71) Anthracene	17.07	178	880339	19.882	ng/ul	98
72) Carbazole	17.36	167	739915	19.873	ng/ul	98
73) Di-n-butylphthalate	17.92	149	997626	20.769	ng/ul	98
74) Fluoranthene	19.02	202	992782	18.873	ng/ul#	94
77) Pyrene	19.38	202	990394	20.939	ng/ul#	94
78) Butylbenzylphthalate	20.29	149	444249	22.716	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.08	252	297066	23.741	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	892601	20.095	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	609672	21.767	ng/ul#	97
82) Chrysene	21.19	228	807749	19.494	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	964675	17.320	ng/ul#	93
85) Benzo(b)fluoranthene	22.69	252	791739	18.217	ng/ul	97
86) Benzo(k)fluoranthene	22.69	252	791739	19.161	ng/ul	99
88) Benzo(a)pyrene	23.24	252	743818	19.152	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	825909	21.915	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.52	278	698208	22.296	ng/ul#	97
91) Benzo(g,h,i)perylene	26.19	276	653335	21.400	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 5.555 ng/uL

RT: 3.12 min Scan# 23

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

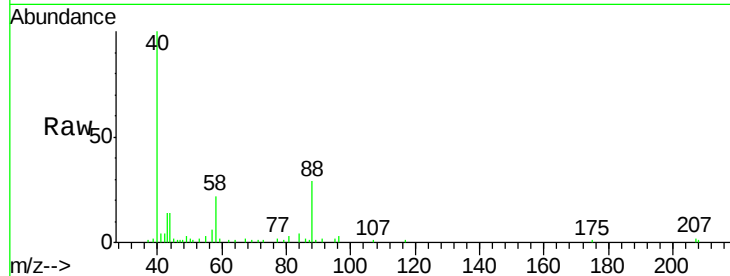
Tgt Ion: 88 Resp: 16154

Ion Ratio Lower Upper

88 100

43 42.6 48.0 72.0#

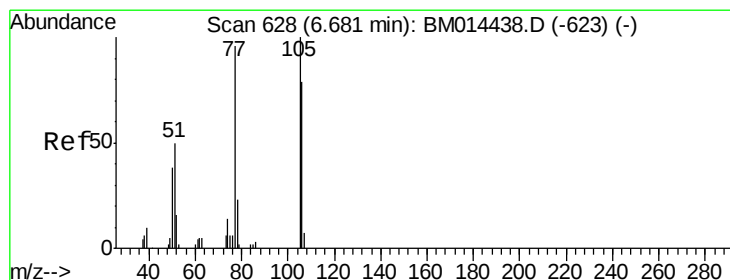
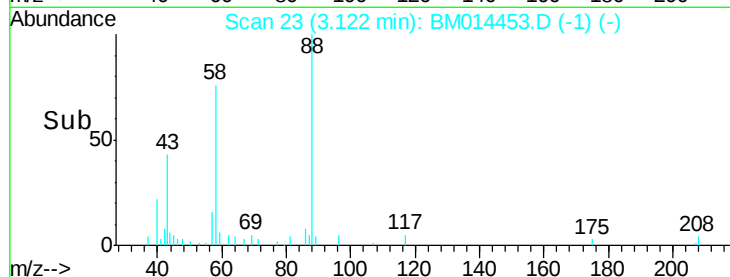
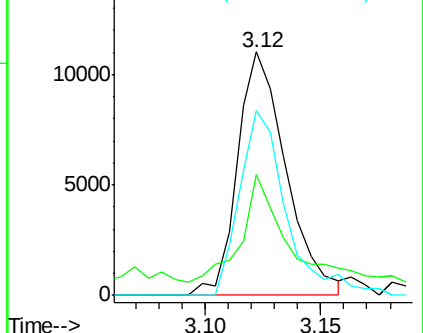
58 72.6 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014438.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM014438.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM014438.D (-19) (-)



#4

Benzaldehyde

Concen: 21.633 ng/uL

RT: 6.68 min Scan# 628

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

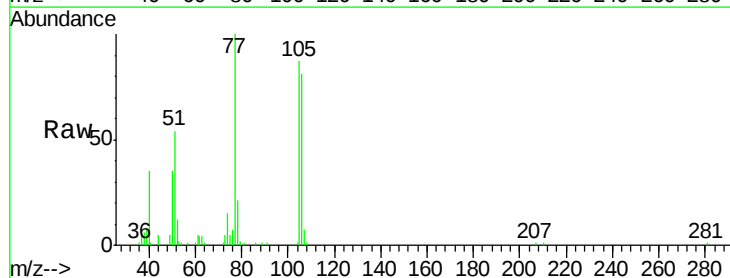
Tgt Ion: 77 Resp: 83516

Ion Ratio Lower Upper

77 100

105 87.0 66.1 99.1

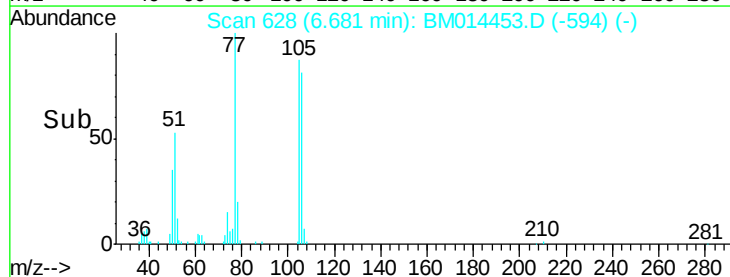
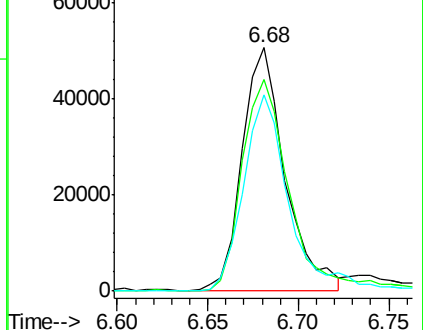
106 80.9 67.8 101.6

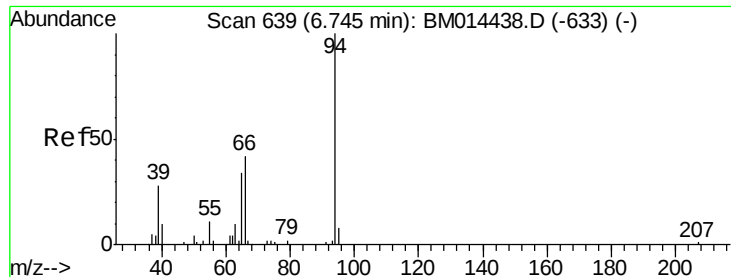


Abundance Ion 77.00 (76.70 to 77.70): BM014438.D (-623) (-)

Ion 105.00 (104.70 to 105.70): BM014438.D (-623) (-)

Ion 106.00 (105.70 to 106.70): BM014438.D (-623) (-)





#6

Phenol

Concen: 19.411 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

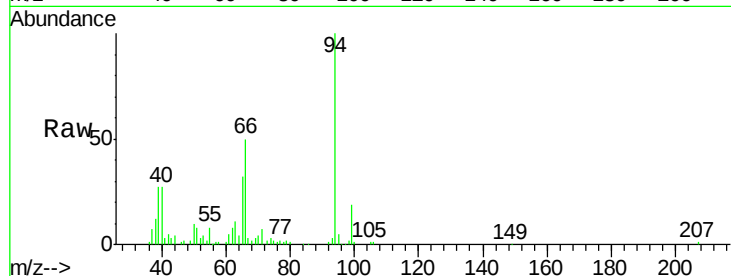
Tgt Ion: 94 Resp: 192872

Ion Ratio Lower Upper

94 100

65 32.4 28.2 42.4

66 50.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014438.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM014438.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM014438.D (-633) (-)

6.75

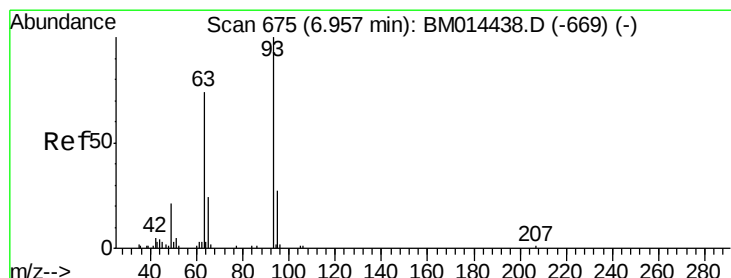
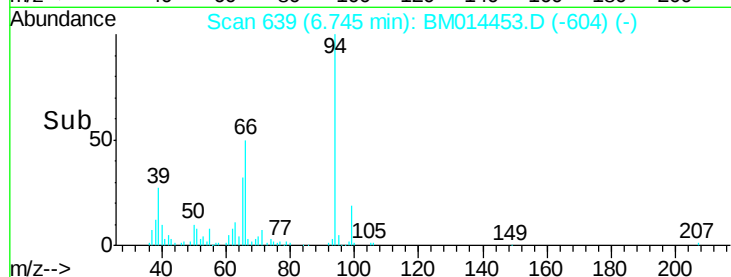
100000

50000

0

6.70 6.80

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 20.396 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

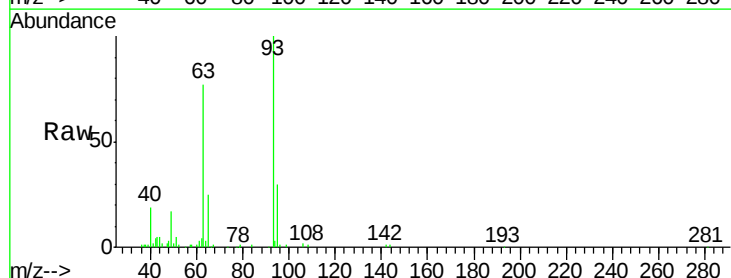
Tgt Ion: 93 Resp: 147042

Ion Ratio Lower Upper

93 100

63 76.7 57.3 85.9

95 29.7 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM014438.D (-669) (-)

Ion 63.00 (62.70 to 63.70): BM014438.D (-669) (-)

Ion 95.00 (94.70 to 95.70): BM014438.D (-669) (-)

6.96

120000

100000

80000

60000

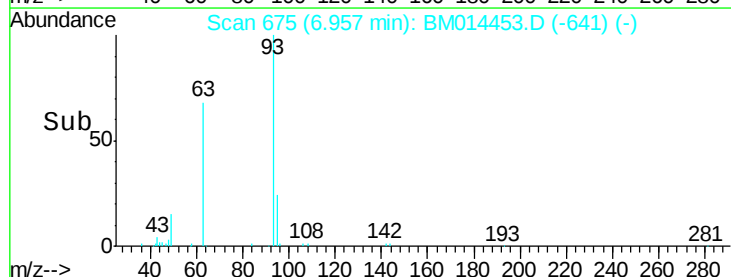
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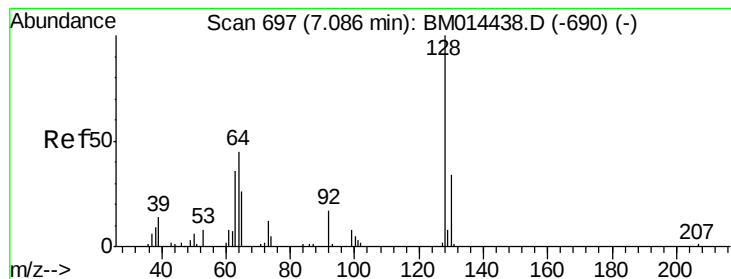
20000

0

6.90 6.95 7.00 7.05

Time-->





#10

2-Chlorophenol

Concen: 20.050 ng/ul

RT: 7.08 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

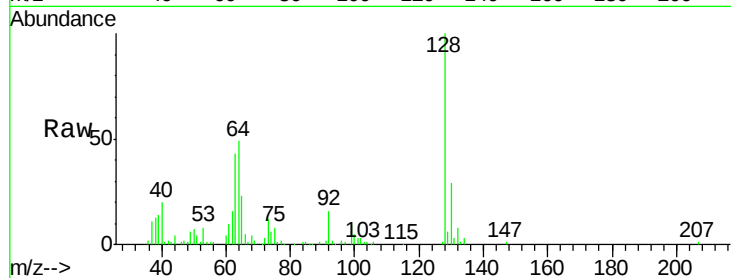
Tgt Ion:128 Resp: 148636

Ion Ratio Lower Upper

128 100

64 49.1 38.0 57.0

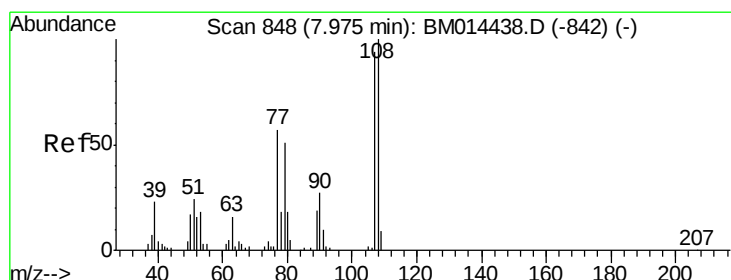
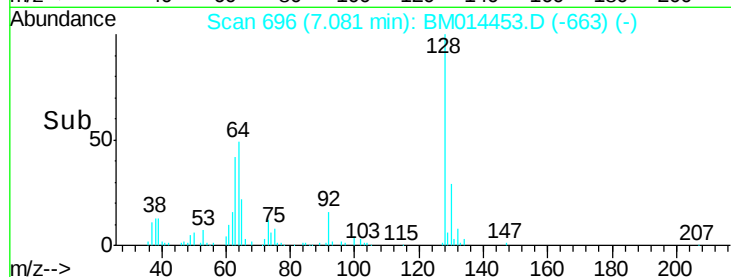
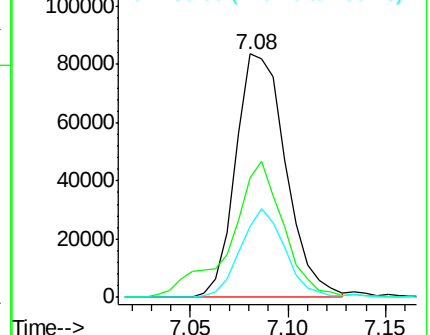
130 29.2 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.104 ng/ul

RT: 7.97 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM014453.D

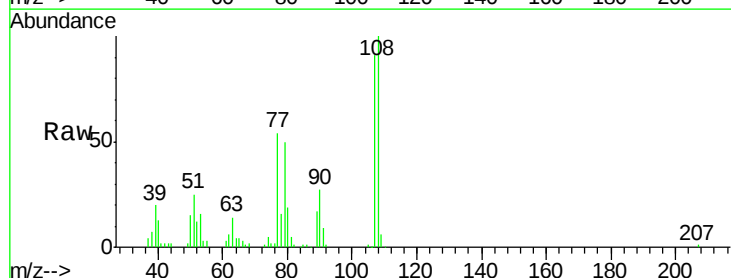
Acq: 02 Mar 2018 09:48

Tgt Ion:108 Resp: 145189

Ion Ratio Lower Upper

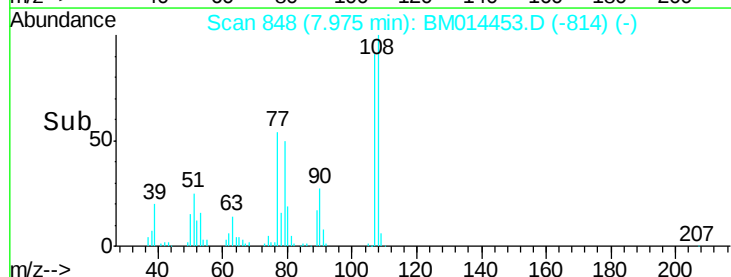
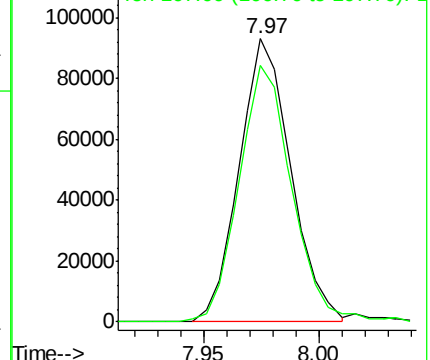
108 100

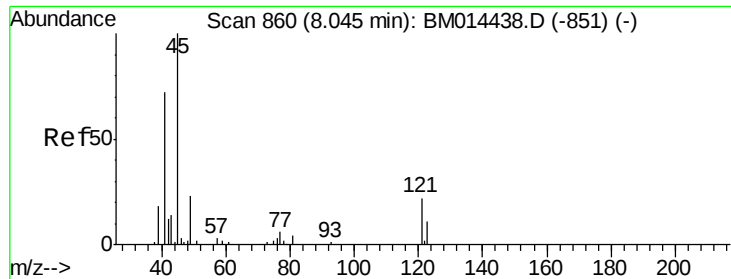
107 90.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

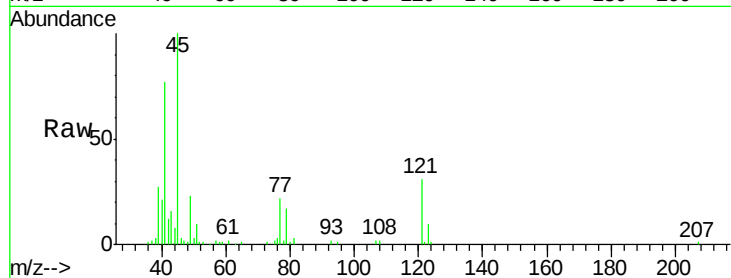




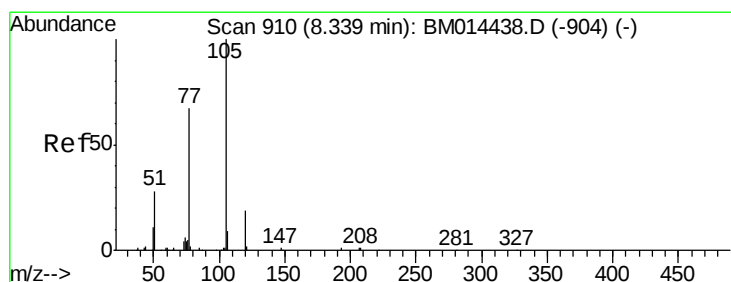
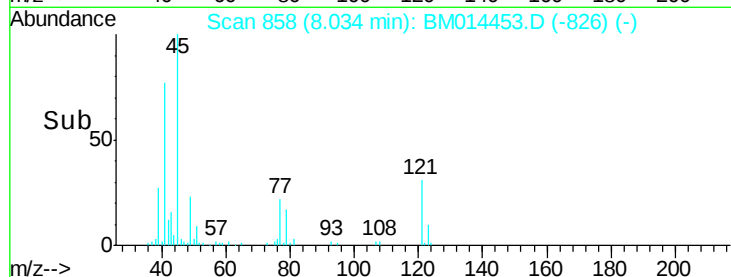
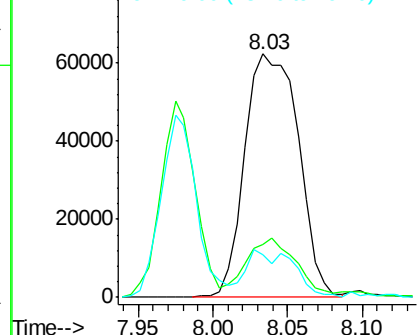
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 21.412 ng/ul
 RT: 8.03 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 45 Resp: 155786
 Ion Ratio Lower Upper
 45 100
 77 21.6 8.0 12.0#
 79 17.4 8.0 12.0#

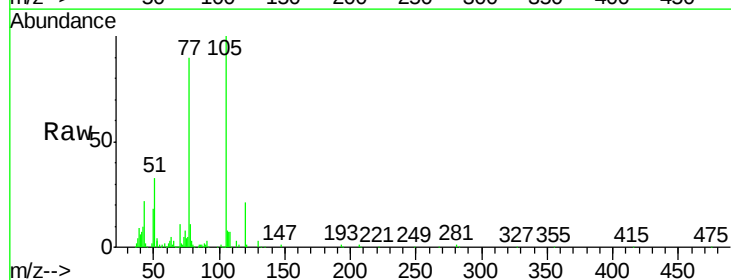


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

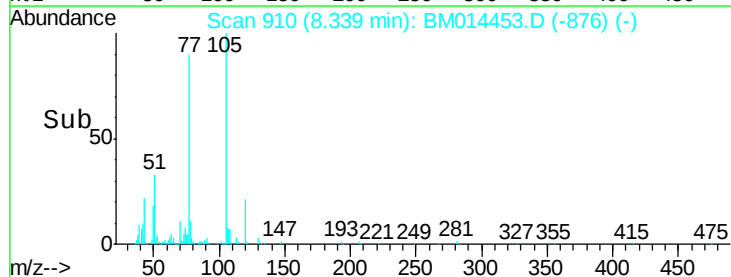
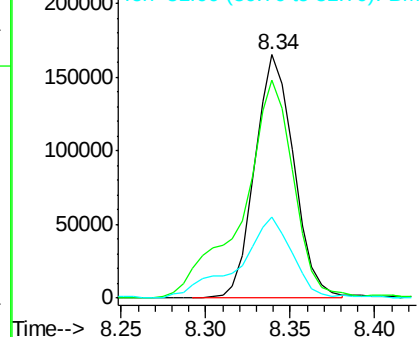


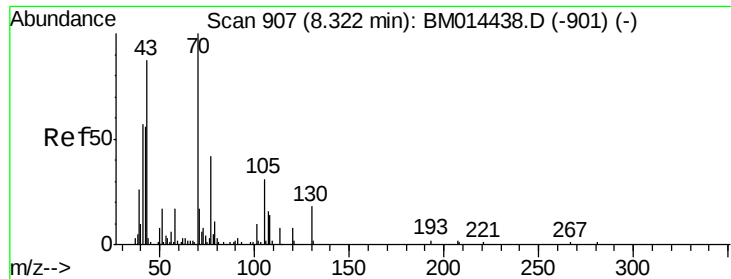
#14
 Acetophenone
 Concen: 18.619 ng/ul
 RT: 8.34 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 105 Resp: 266151
 Ion Ratio Lower Upper
 105 100
 77 89.8 74.2 111.4
 51 33.3 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 19.986 ng/ul

RT: 8.32 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

Tgt Ion: 70 Resp: 143165

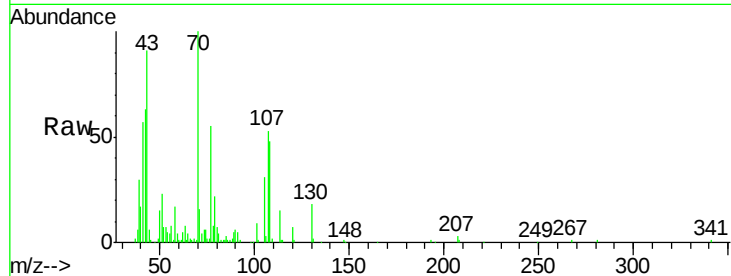
Ion Ratio Lower Upper

70 100

42 63.3 76.0 114.0#

101 8.5 6.7 10.1

130 18.4 14.6 22.0



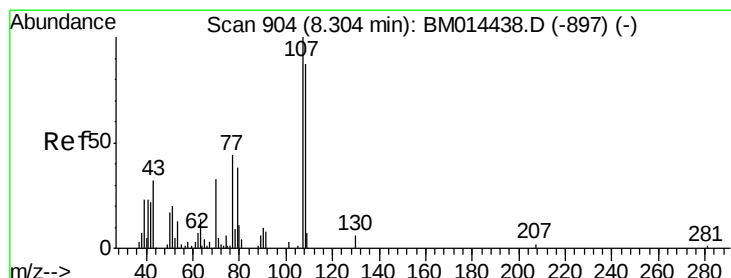
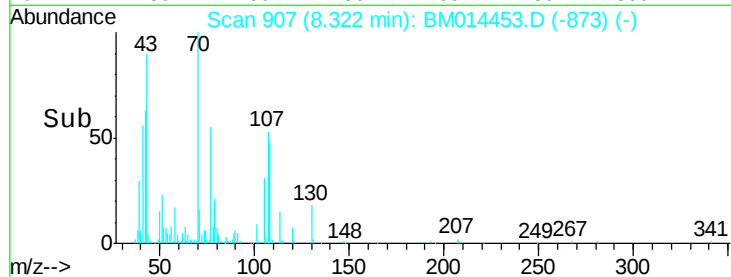
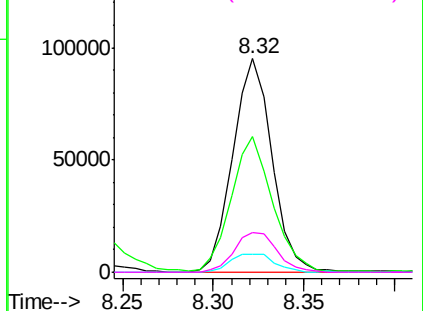
Abundance

Ion 70.00 (69.70 to 70.70): BM014453.D (-873) (-)

Ion 42.00 (41.70 to 42.70): BM014453.D (-873) (-)

Ion 101.00 (100.70 to 101.70): BM014453.D (-873) (-)

Ion 130.00 (129.70 to 130.70): BM014453.D (-873) (-)



#16

4-Methylphenol

Concen: 19.815 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. 0.00 min

Lab File: BM014453.D

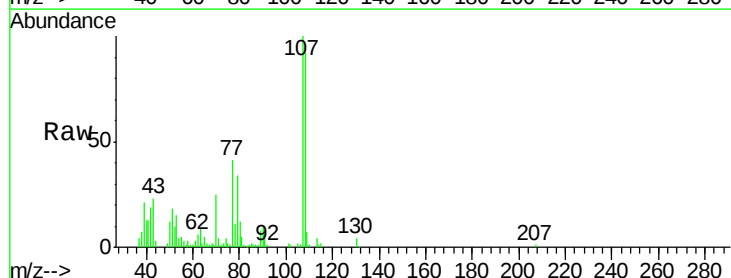
Acq: 02 Mar 2018 09:48

Tgt Ion: 108 Resp: 164101

Ion Ratio Lower Upper

108 100

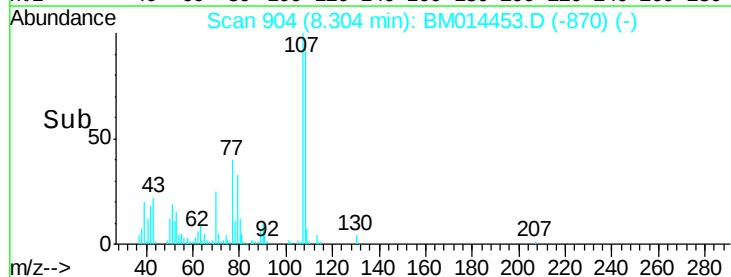
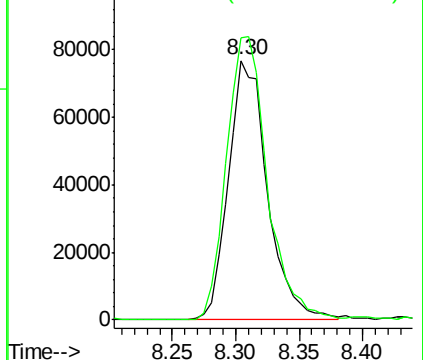
107 108.8 84.9 127.3

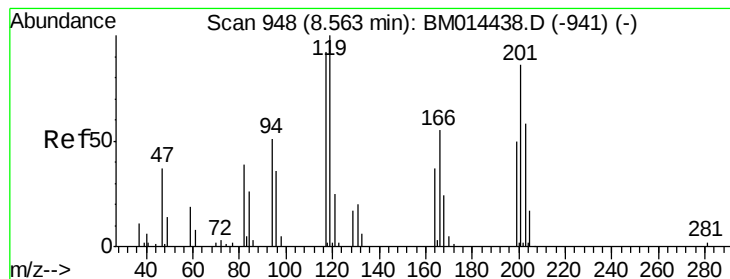


Abundance

Ion 108.00 (107.70 to 108.70): BM014453.D (-870) (-)

Ion 107.00 (106.70 to 107.70): BM014453.D (-870) (-)





#17

Hexachloroethane

Concen: 18.106 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

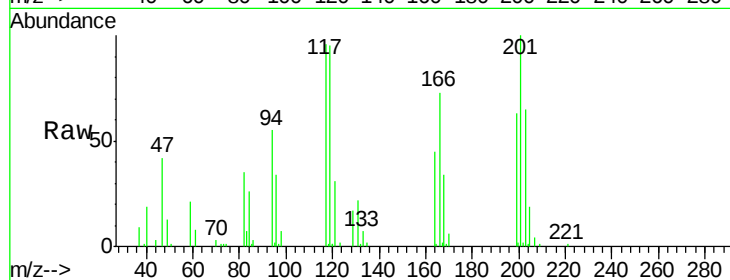
Tgt Ion:117 Resp: 69924

Ion Ratio Lower Upper

117 100

201 104.1 111.6 167.4#

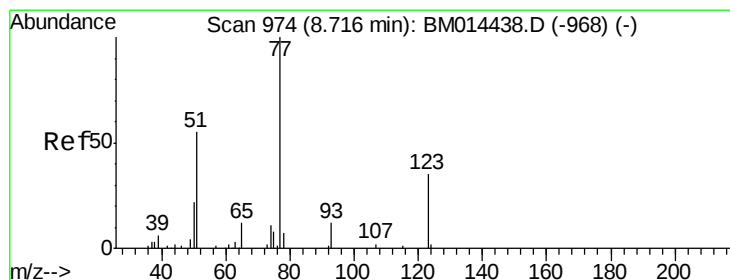
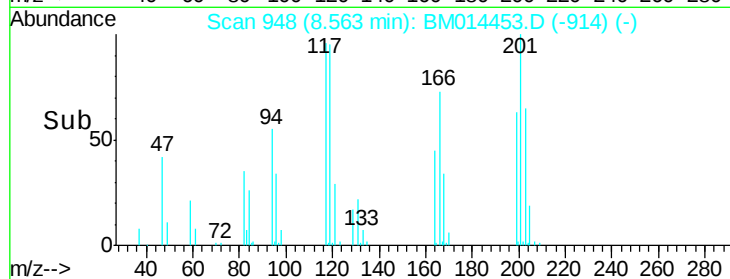
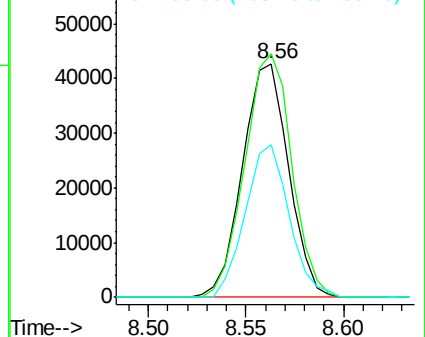
199 67.2 67.8 101.6#



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: 19.253 ng/ul

RT: 8.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

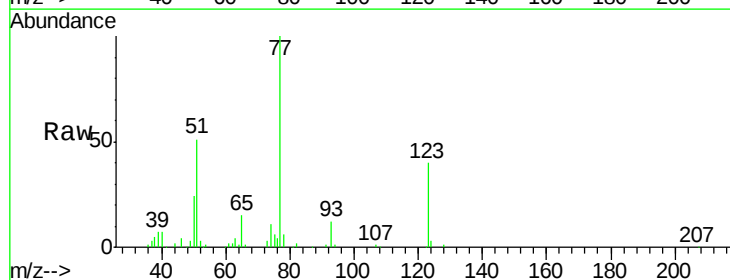
Tgt Ion: 77 Resp: 216498

Ion Ratio Lower Upper

77 100

123 39.5 31.0 46.6

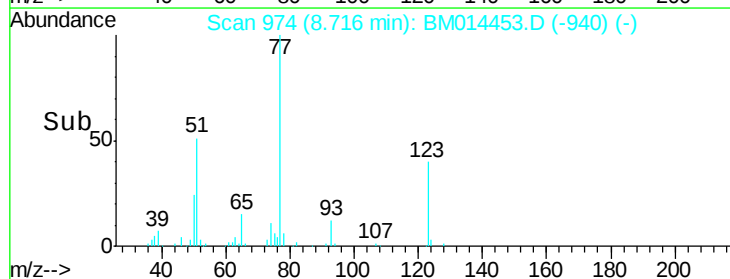
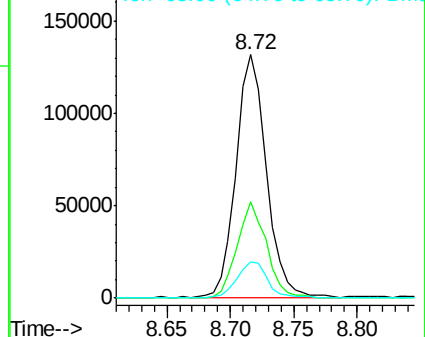
65 14.9 12.2 18.2

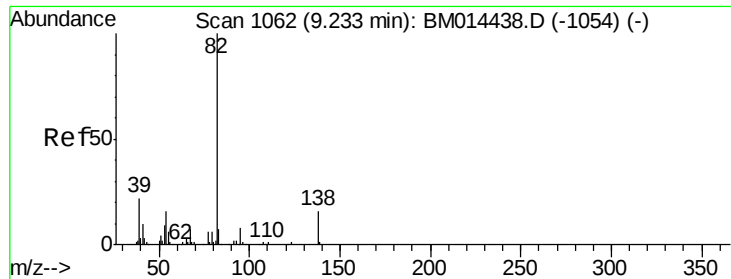


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.097 ng/ul

RT: 9.23 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

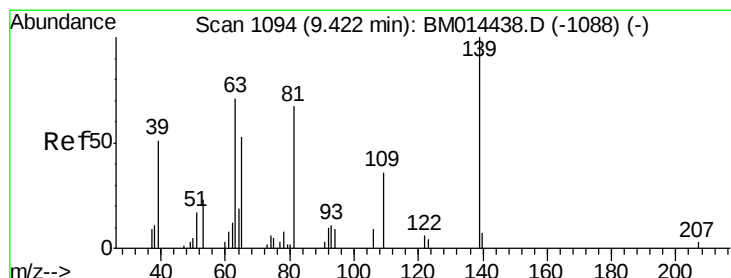
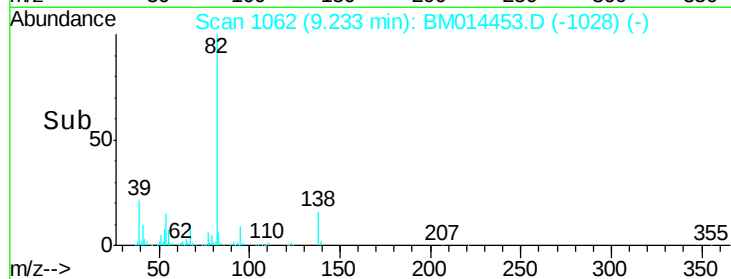
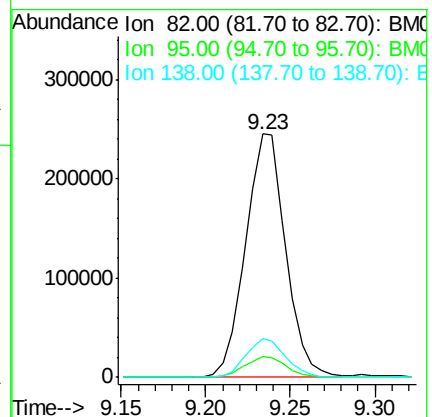
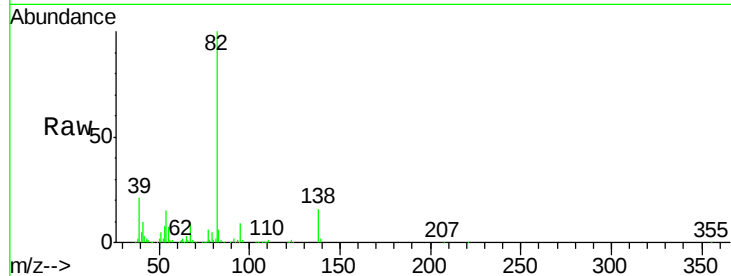
Tgt Ion: 82 Resp: 405790

Ion Ratio Lower Upper

82 100

95 8.8 7.8 11.8

138 16.1 11.9 17.9



#23

2-Nitrophenol

Concen: 22.081 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

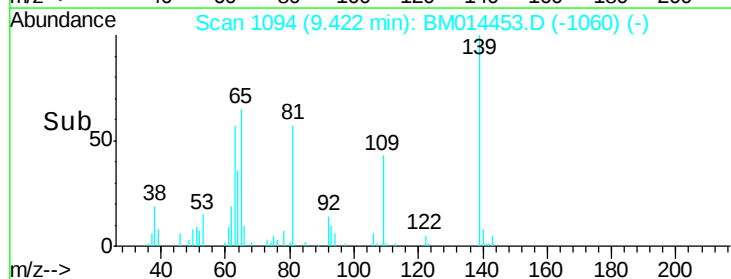
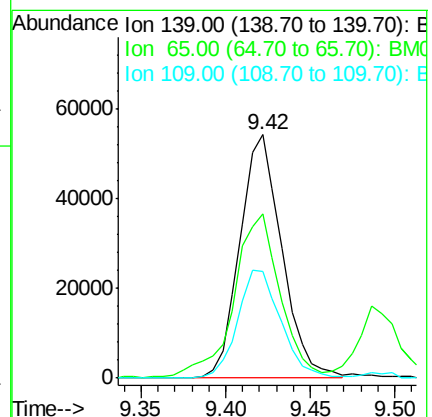
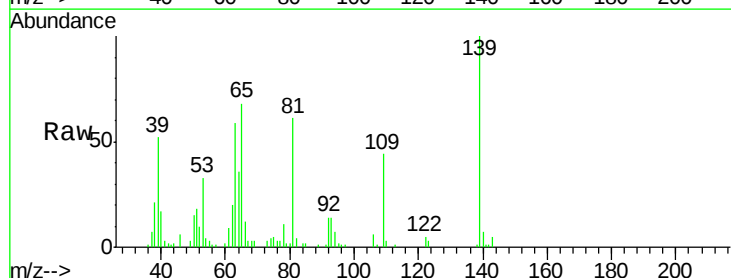
Tgt Ion: 139 Resp: 94115

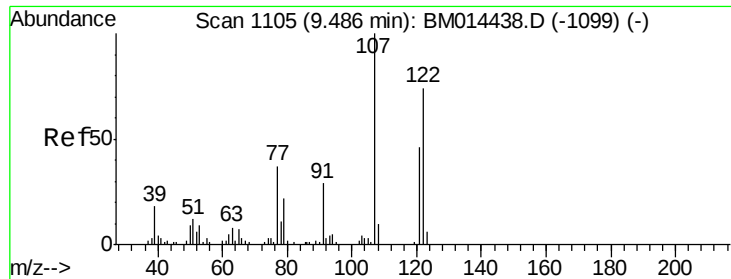
Ion Ratio Lower Upper

139 100

65 67.6 55.4 83.0

109 43.7 42.2 63.2

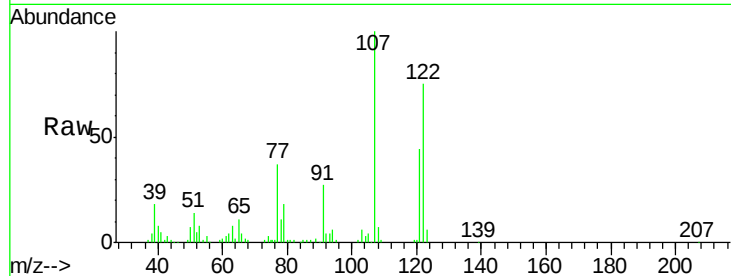




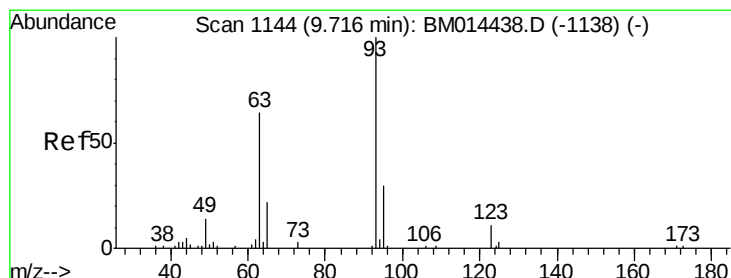
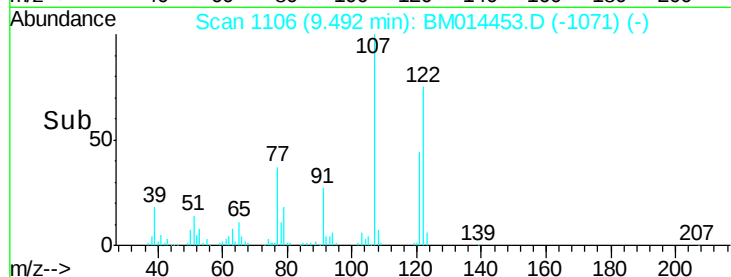
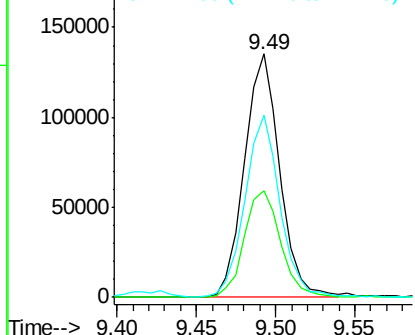
#24
 2,4-Dimethylphenol
 Concen: 20.026 ng/ul
 RT: 9.49 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion: 107 Resp: 209262
 Ion Ratio Lower Upper
 107 100
 121 44.0 31.9 47.9
 122 74.8 57.8 86.6

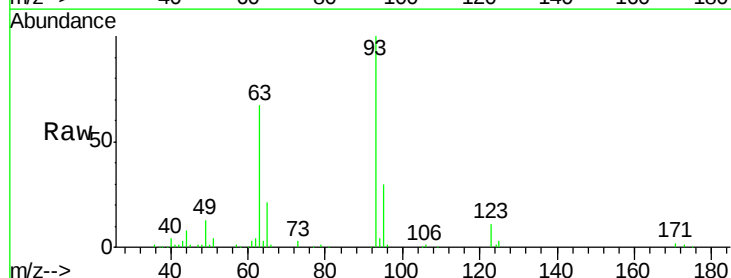


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

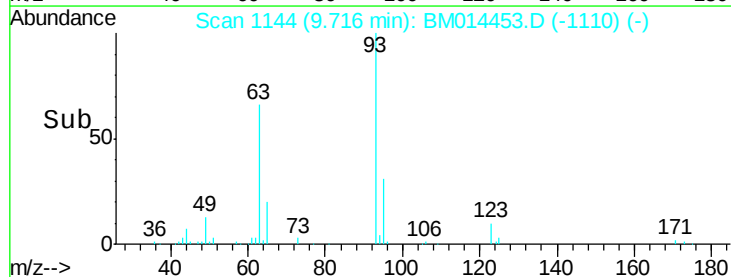
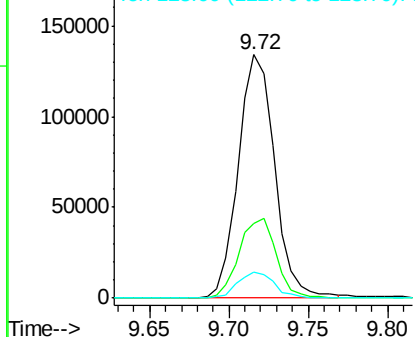


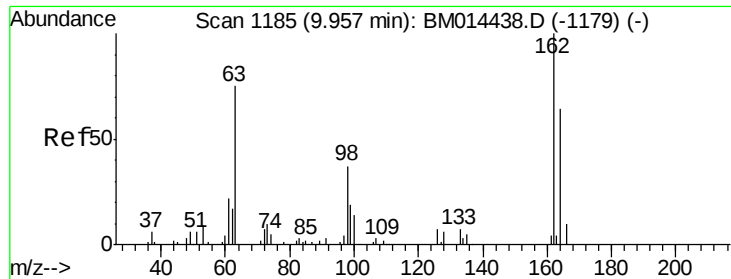
#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.159 ng/ul
 RT: 9.72 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 93 Resp: 214377
 Ion Ratio Lower Upper
 93 100
 95 30.5 28.5 42.7
 123 10.6 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

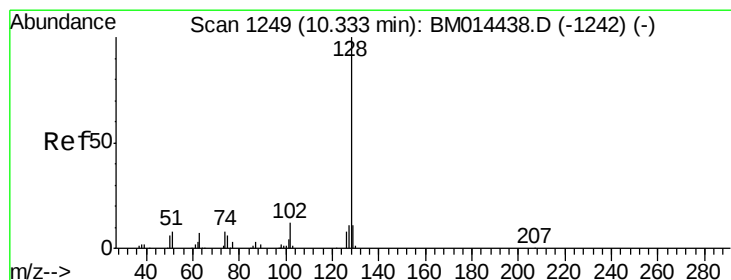
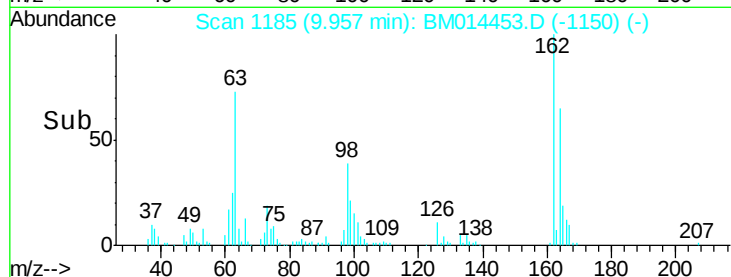
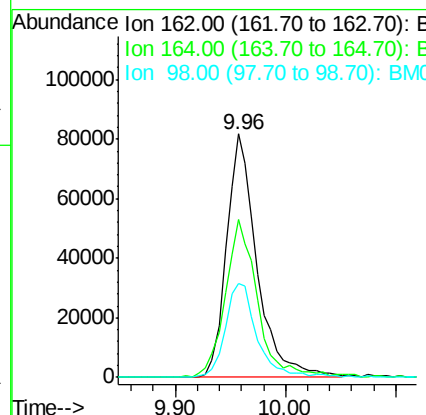
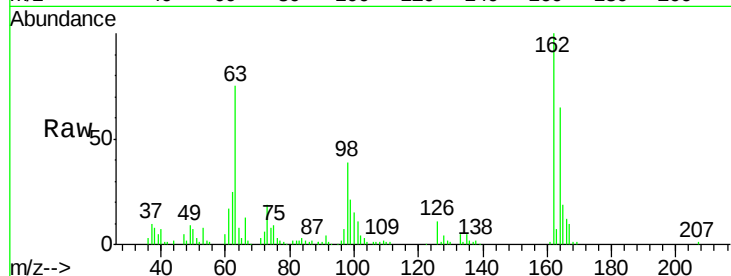




#27
2,4-Dichlorophenol
Concen: 20.404 ng/ul
RT: 9.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

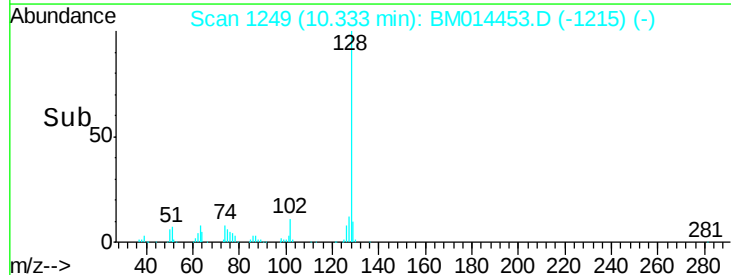
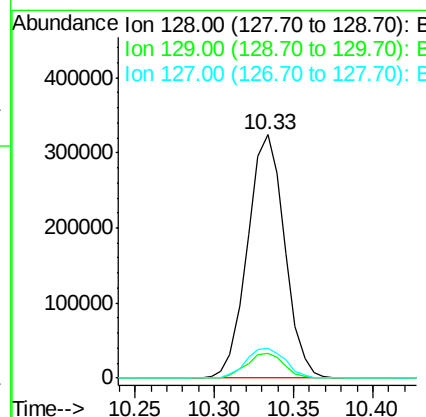
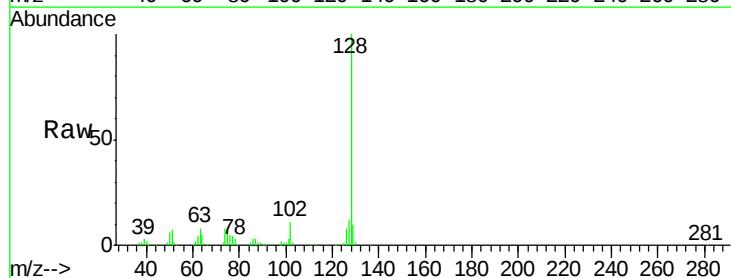
Instrument :
BNA_M
ClientSampleId :

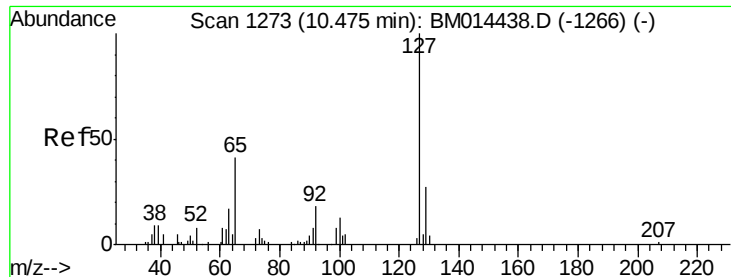
Tgt Ion:162 Resp: 157800
Ion Ratio Lower Upper
162 100
164 64.7 47.8 71.6
98 38.8 23.0 34.4#



#28
Naphthalene
Concen: 19.948 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:128 Resp: 527138
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 12.1 10.6 16.0

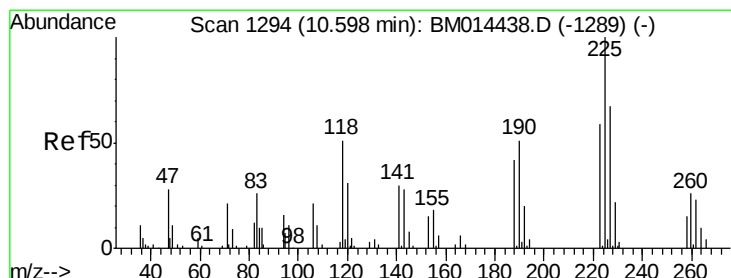
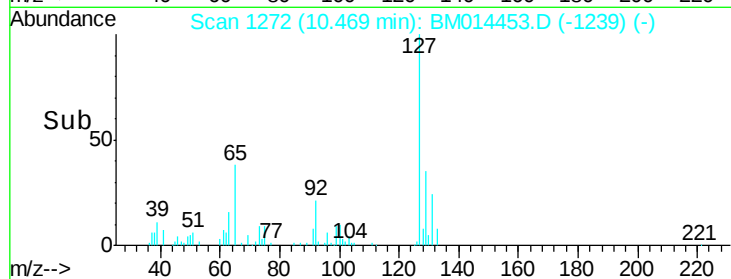
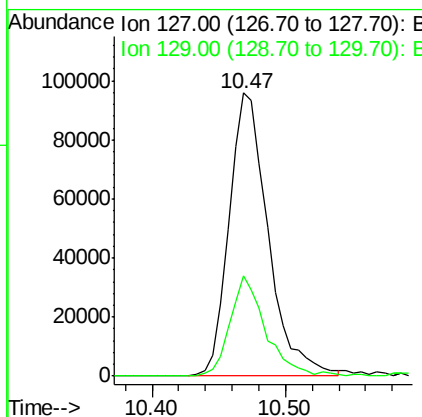
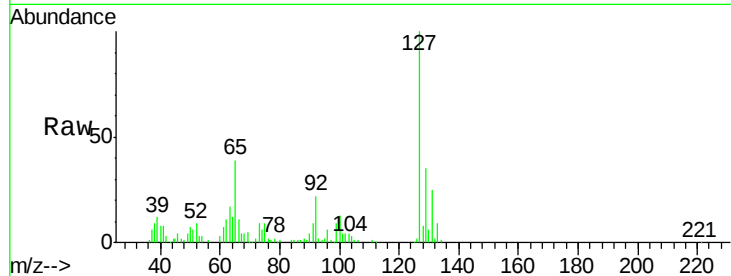




#30
4-Chloroaniline
Concen: 23.834 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

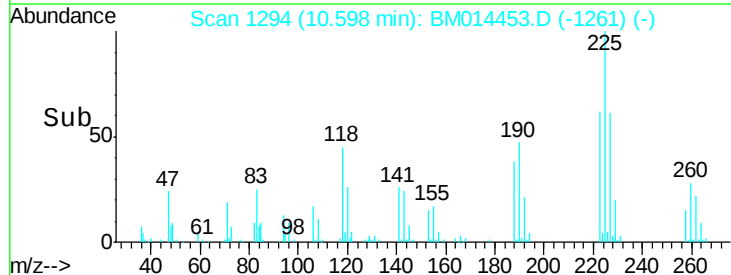
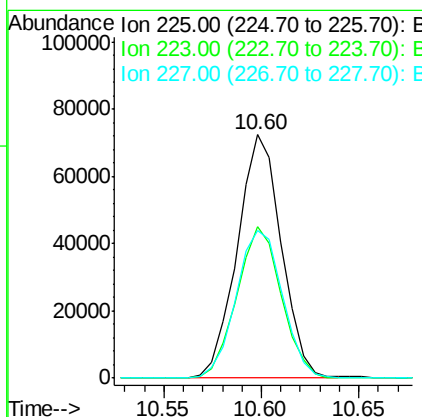
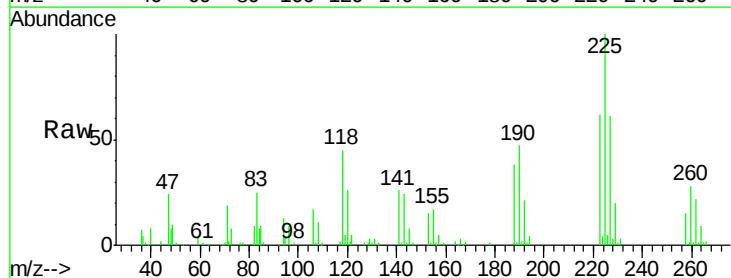
Instrument :
BNA_M
ClientSampleId :

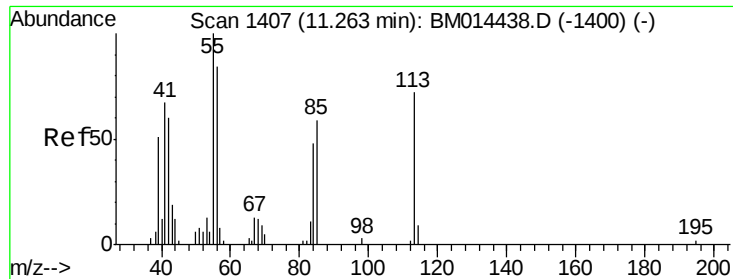
Tgt Ion:127 Resp: 195192
Ion Ratio Lower Upper
127 100
129 35.4 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.473 ng/ul
RT: 10.60 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:225 Resp: 113347
Ion Ratio Lower Upper
225 100
223 62.3 49.4 74.2
227 60.7 45.4 68.2





#32

Caprolactam

Concen: 19.860 ng/ul

RT: 11.26 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

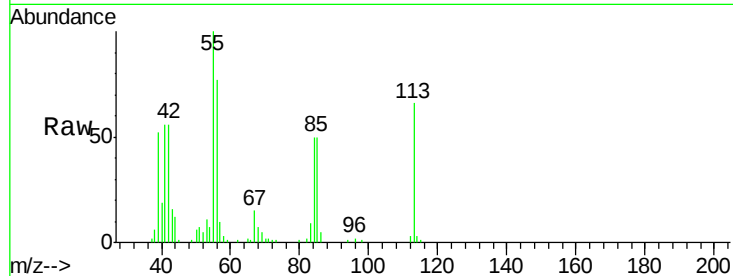
Tgt Ion:113 Resp: 49194

Ion Ratio Lower Upper

113 100

55 152.2 208.0 312.0#

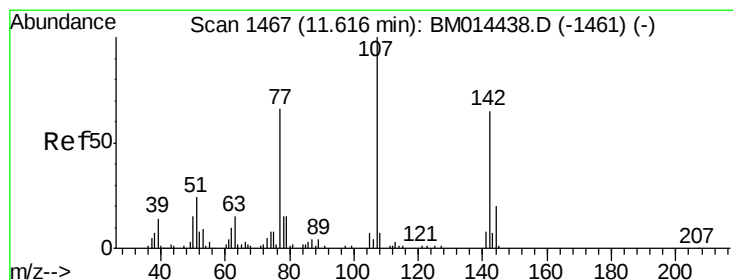
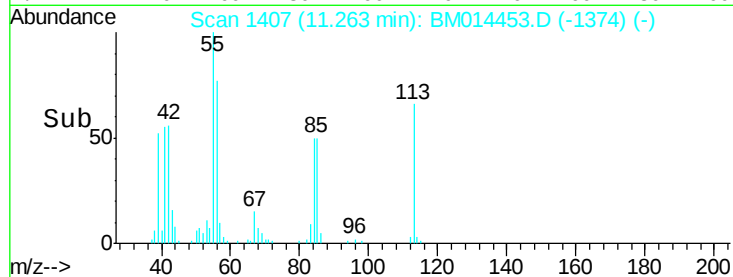
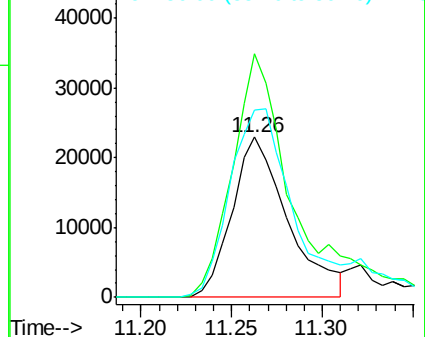
56 117.2 160.0 240.0#



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: 19.853 ng/ul

RT: 11.62 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

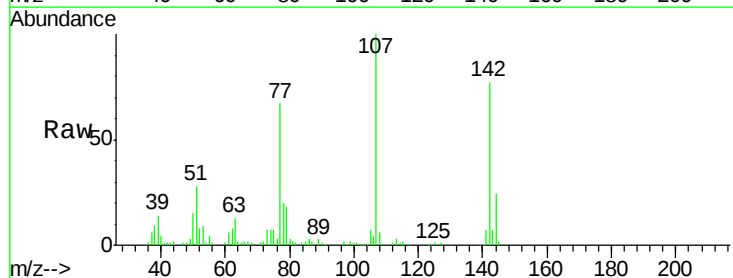
Tgt Ion:107 Resp: 185525

Ion Ratio Lower Upper

107 100

144 23.5 20.4 30.6

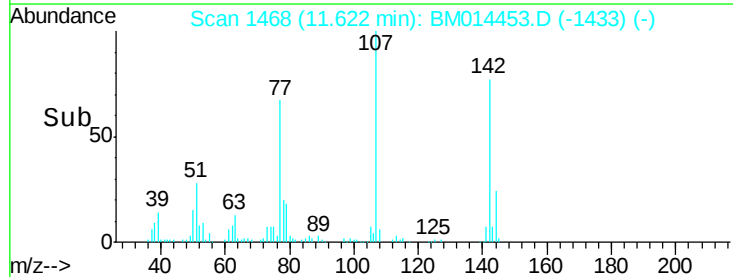
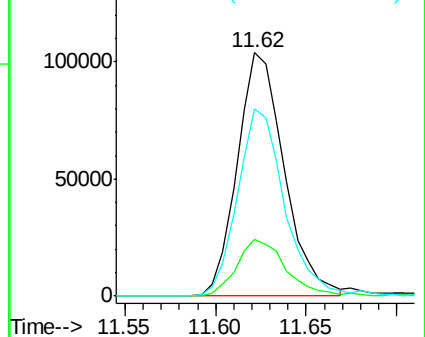
142 77.1 60.5 90.7

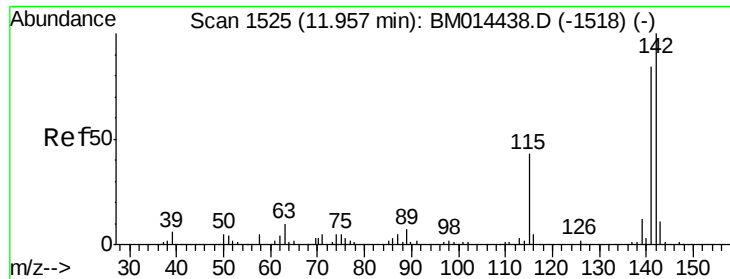


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

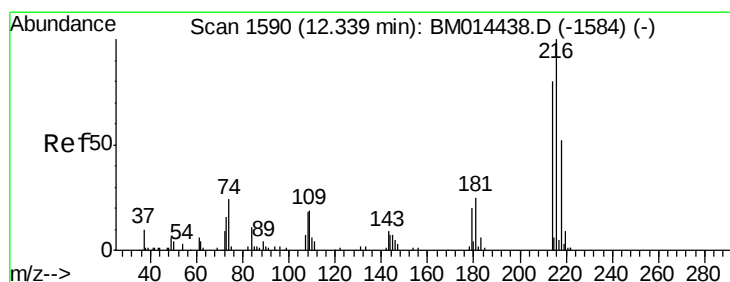
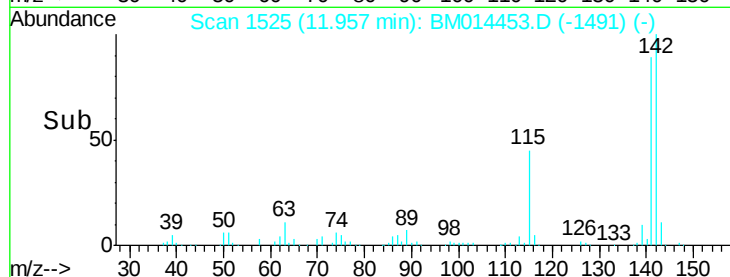
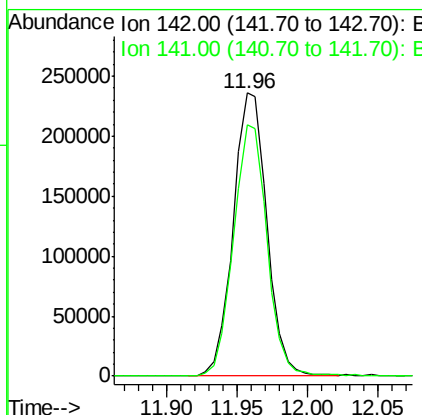
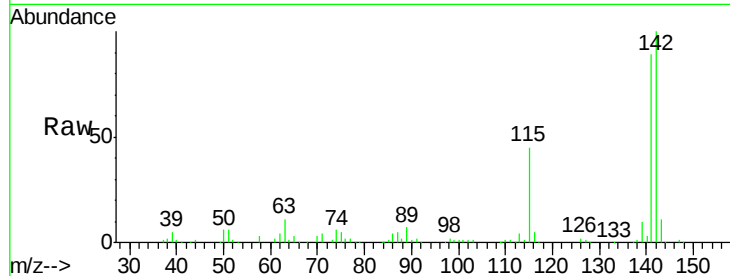




#34
 2-Methylnaphthalene
 Concen: 19.528 ng/ul
 RT: 11.96 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

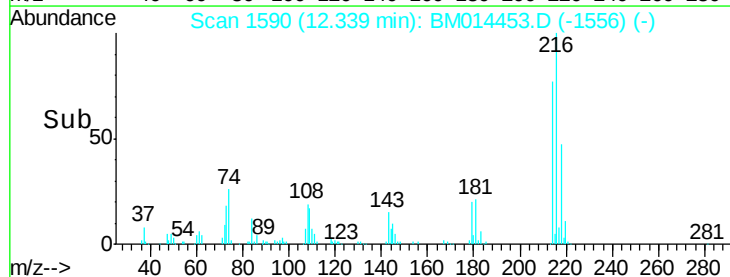
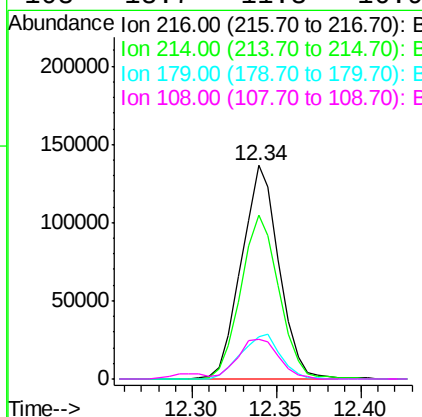
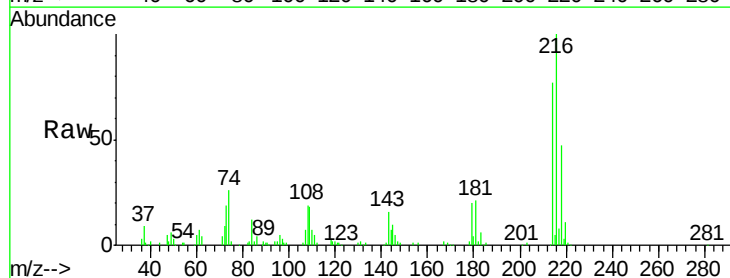
Instrument :
 BNA_M
 ClientSampleId :

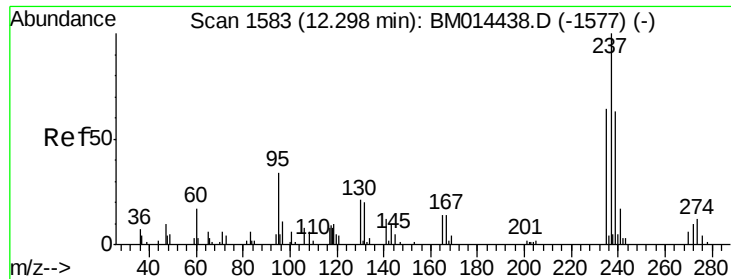
Tgt Ion:142 Resp: 392771
 Ion Ratio Lower Upper
 142 100
 141 88.7 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.906 ng/ul
 RT: 12.34 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:216 Resp: 211699
 Ion Ratio Lower Upper
 216 100
 214 76.8 60.6 90.8
 179 19.8 17.5 26.3
 108 18.7 11.3 16.9#

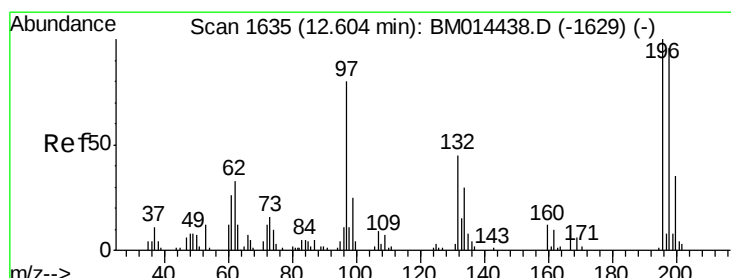
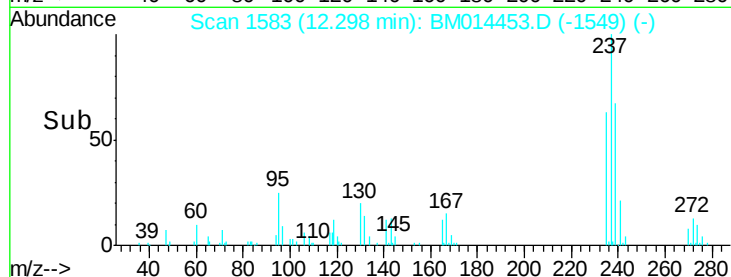
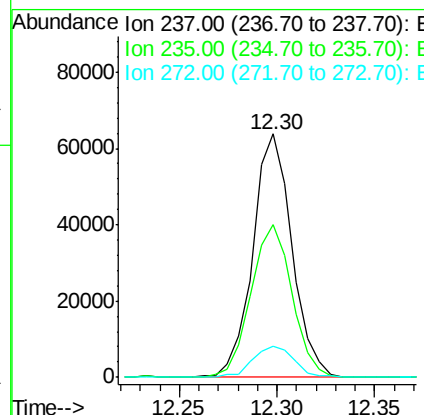
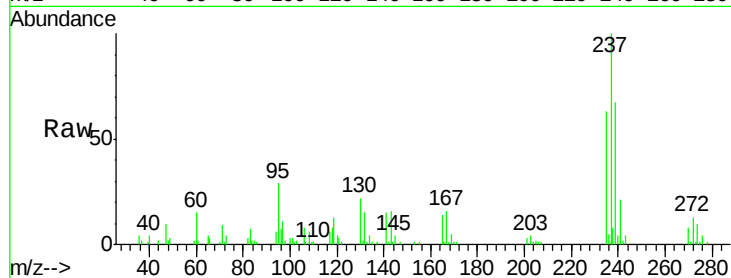




#37
Hexachlorocyclopentadiene
Concen: 15.300 ng/ul
RT: 12.30 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

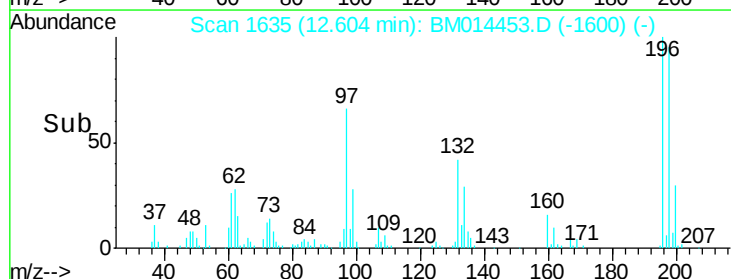
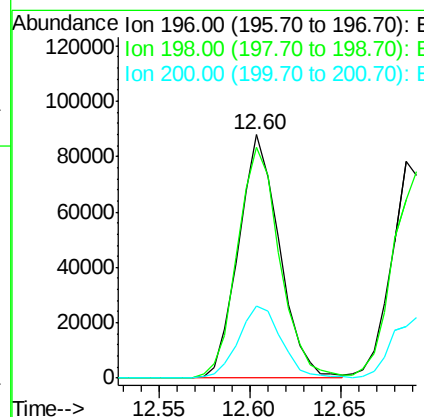
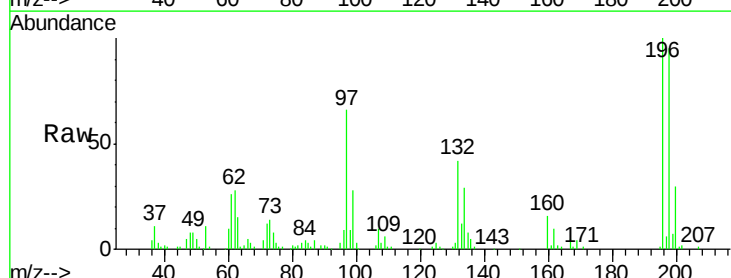
Instrument :
BNA_M
ClientSampleId :

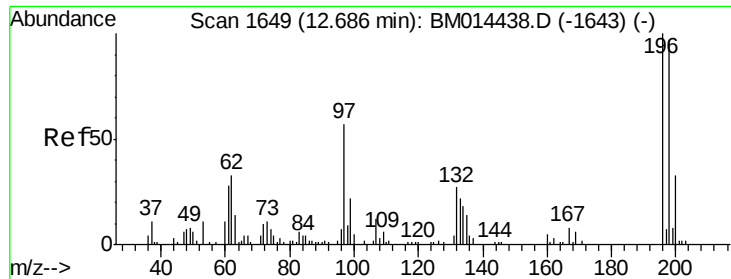
Tgt Ion:237 Resp: 88548
Ion Ratio Lower Upper
237 100
235 62.7 50.2 75.4
272 12.8 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 20.834 ng/ul
RT: 12.60 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:196 Resp: 138229
Ion Ratio Lower Upper
196 100
198 94.7 74.1 111.1
200 29.7 25.2 37.8

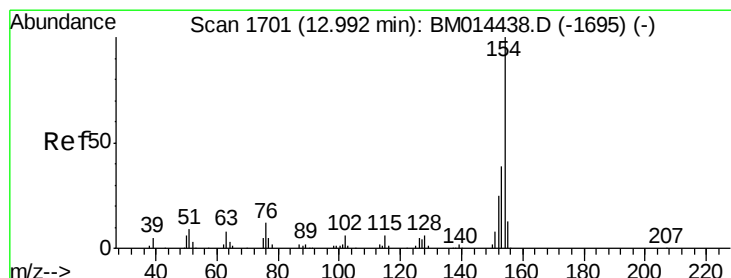
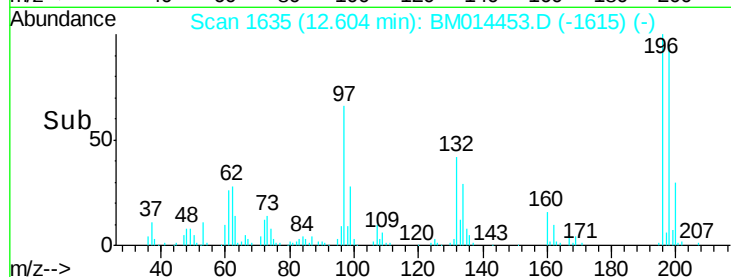
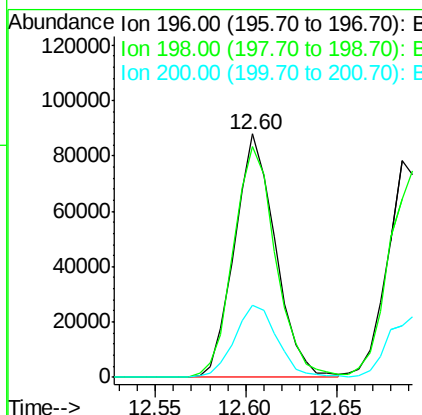
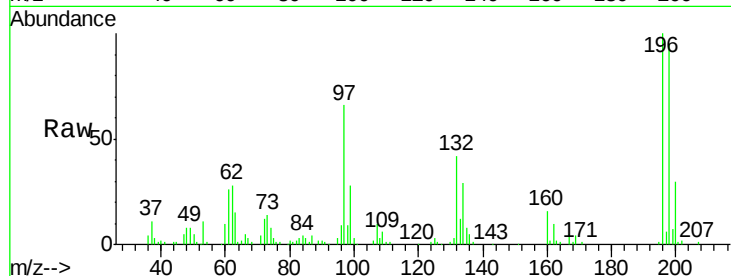




#39
 2,4,5-Trichlorophenol
 Concen: 20.387 ng/ul
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.08 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

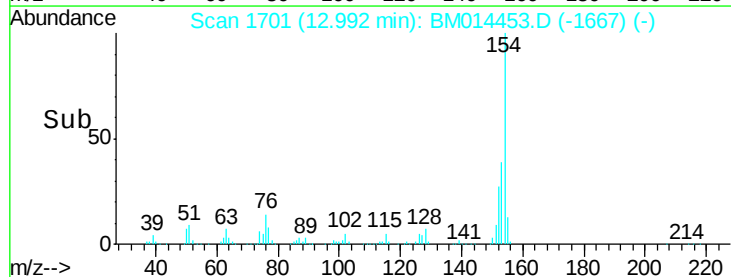
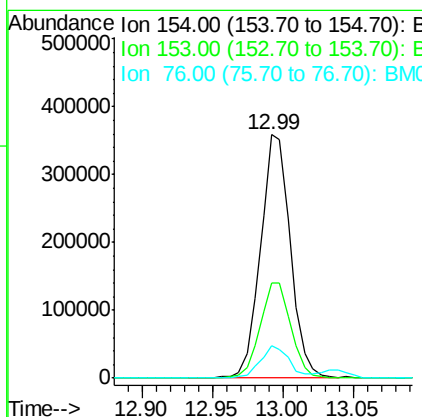
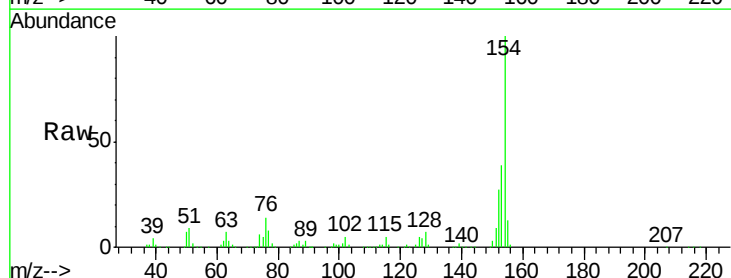
Instrument :
 BNA_M
 ClientSampleId :

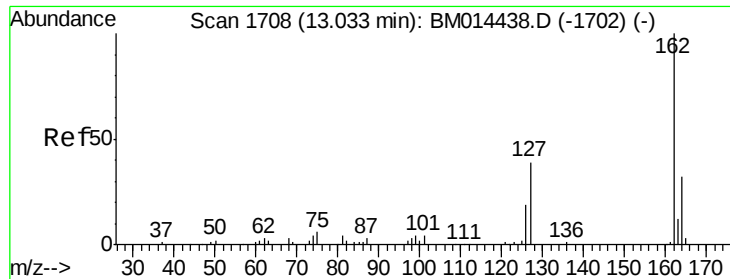
Tgt Ion:196 Resp: 138229
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.6 113.4
 200 29.7 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 21.024 ng/ul
 RT: 12.99 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:154 Resp: 536552
 Ion Ratio Lower Upper
 154 100
 153 39.0 32.6 48.8
 76 13.5 8.5 12.7#

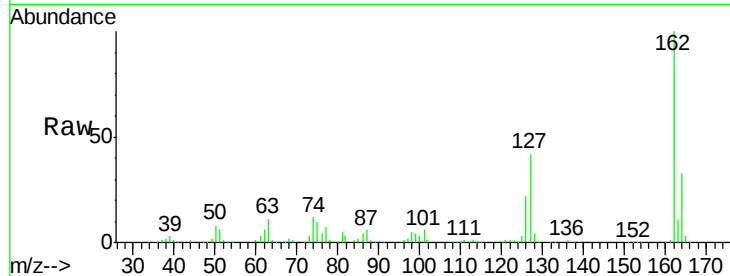




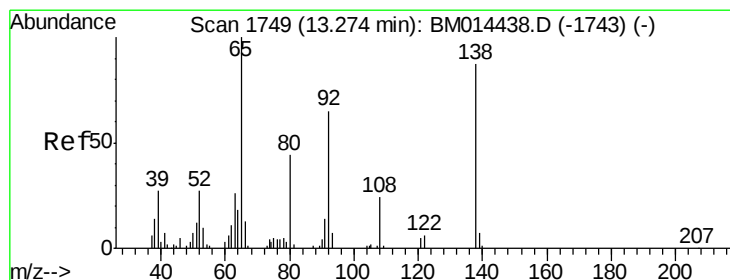
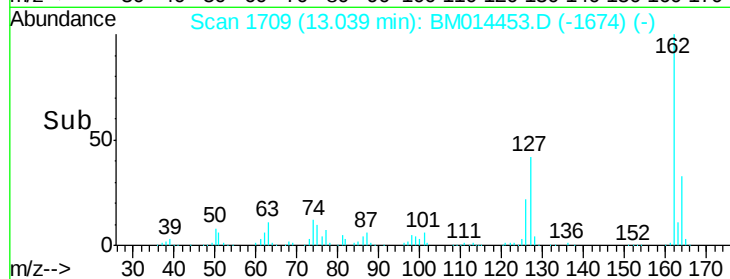
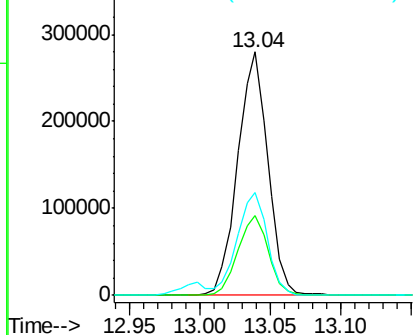
#41
2-Chloronaphthalene
Concen: 20.577 ng/ul
RT: 13.04 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 162 Resp: 419500
Ion Ratio Lower Upper
162 100
164 32.6 25.9 38.9
127 42.1 29.4 44.2

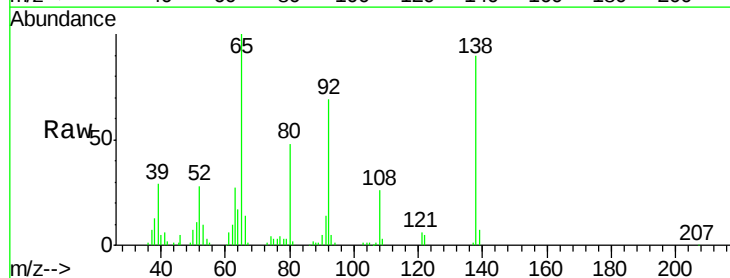


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

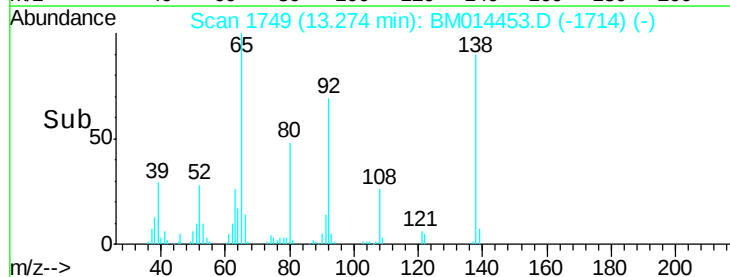
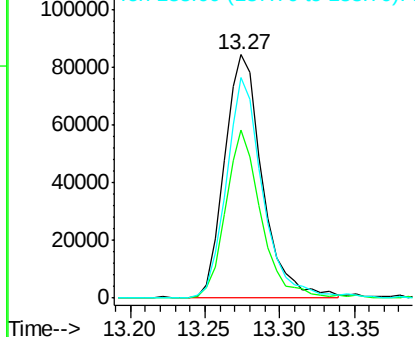


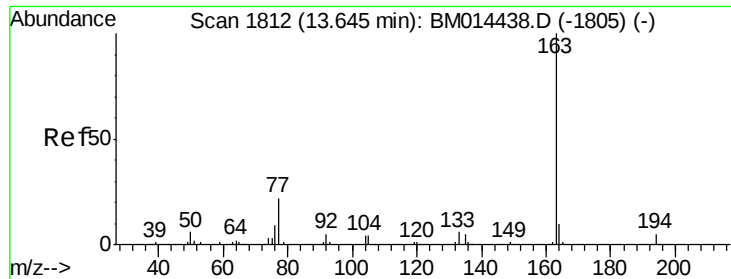
#42
2-Nitroaniline
Concen: 21.792 ng/ul
RT: 13.27 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 65 Resp: 150324
Ion Ratio Lower Upper
65 100
92 68.9 51.8 77.6
138 90.4 74.2 111.4



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

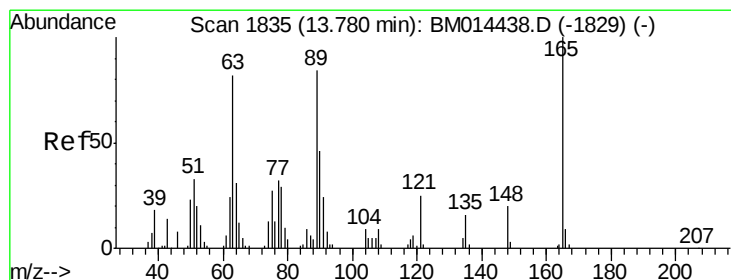
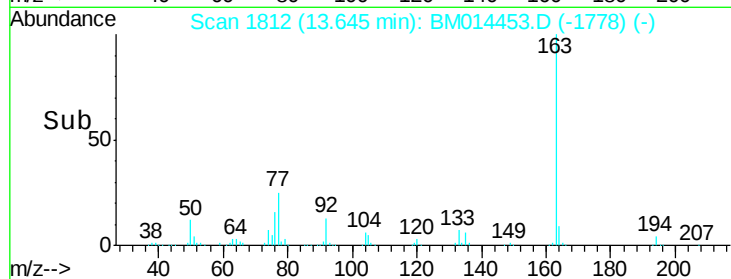
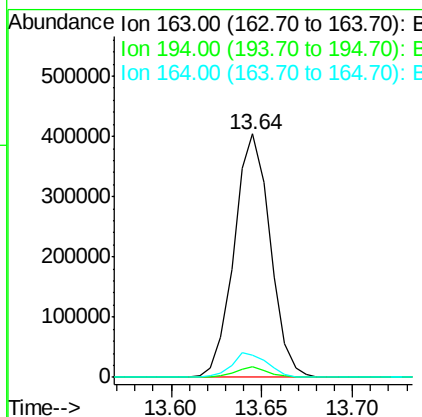
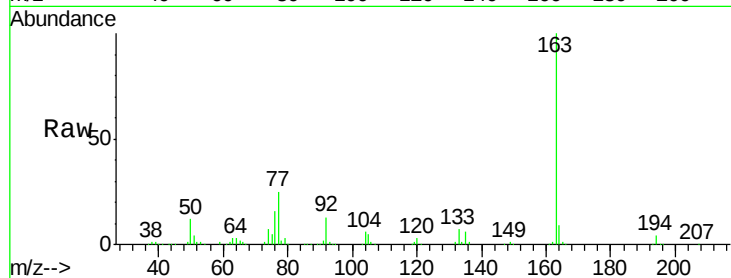




#44
Dimethylphthalate
Concen: 20.703 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

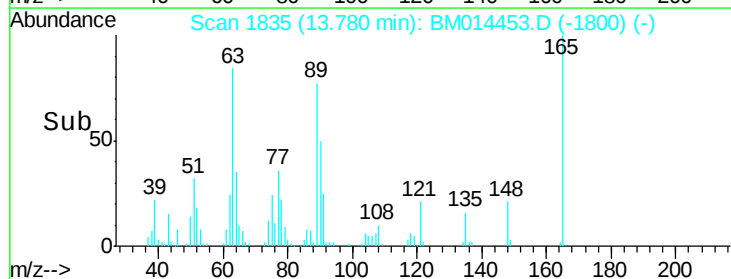
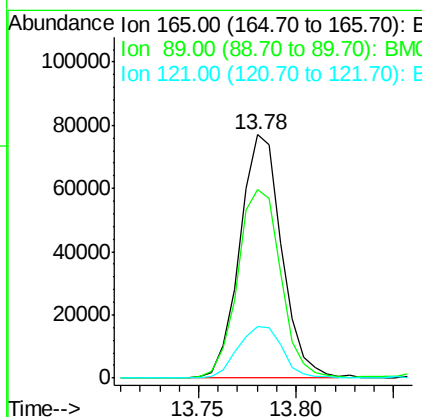
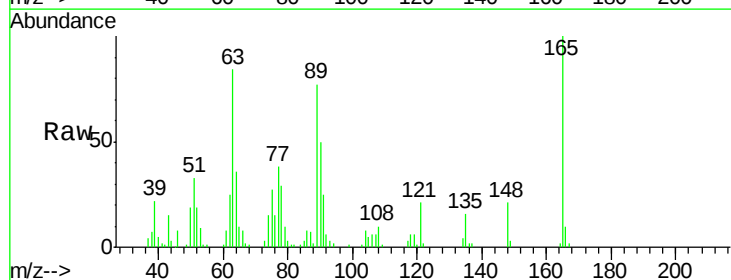
Instrument :
BNA_M
ClientSampleId :

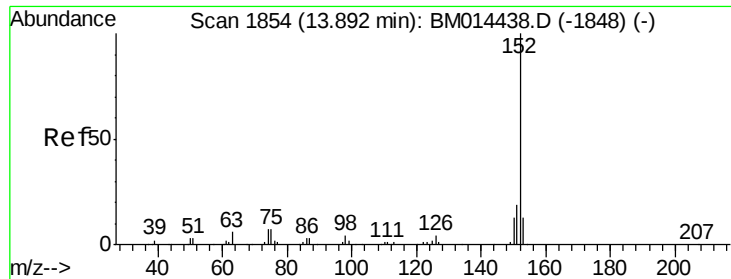
Tgt Ion:163 Resp: 558534
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.1 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 22.358 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:165 Resp: 114598
Ion Ratio Lower Upper
165 100
89 77.4 52.6 79.0
121 21.2 14.6 22.0





#47

Acenaphthylene

Concen: 20.577 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

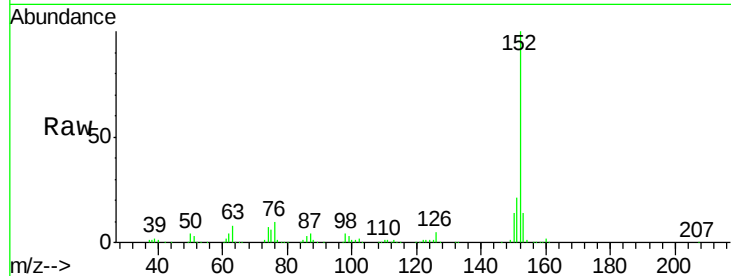
Tgt Ion:152 Resp: 656149

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

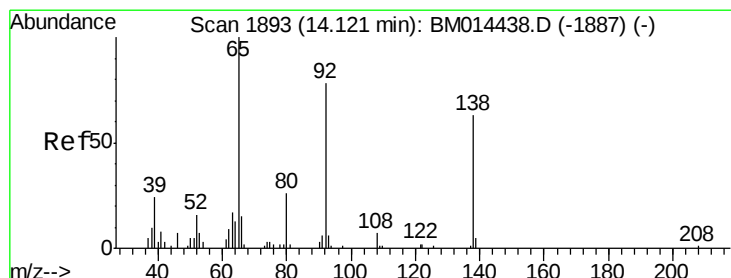
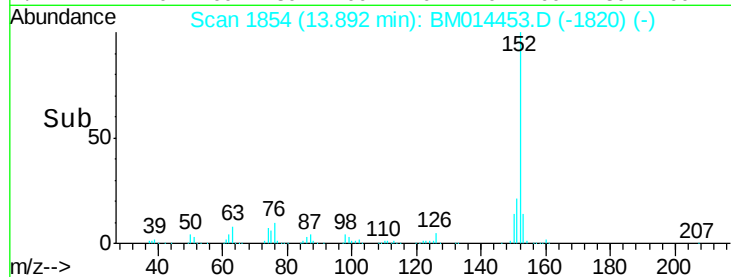
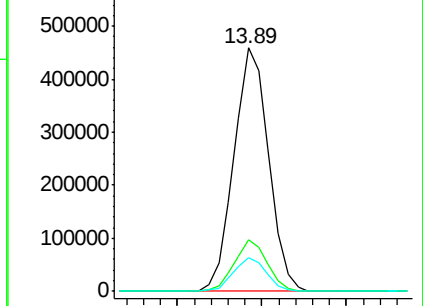
153 13.9 10.2 15.4



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: 21.201 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

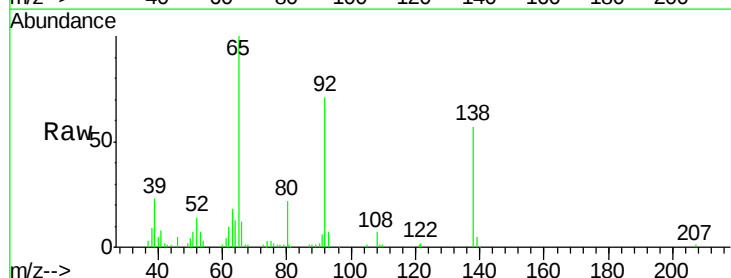
Tgt Ion:138 Resp: 92102

Ion Ratio Lower Upper

138 100

108 12.3 9.9 14.9

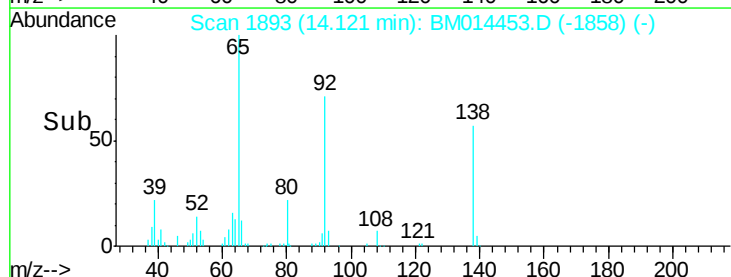
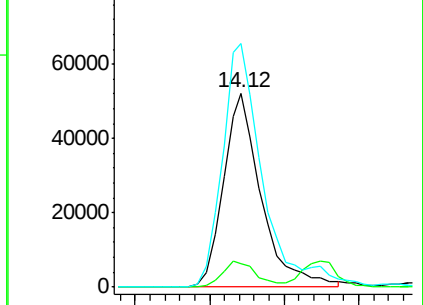
92 125.4 105.0 157.4

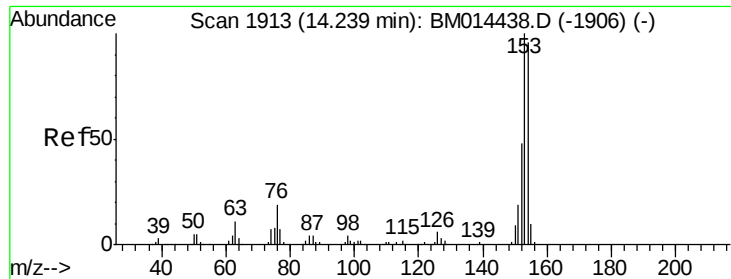


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.281 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

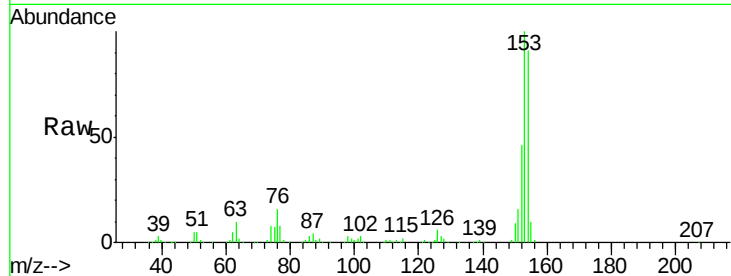
Tgt Ion:153 Resp: 455367

Ion Ratio Lower Upper

153 100

152 45.8 37.6 56.4

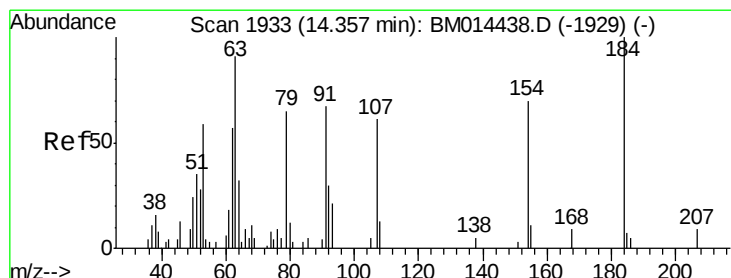
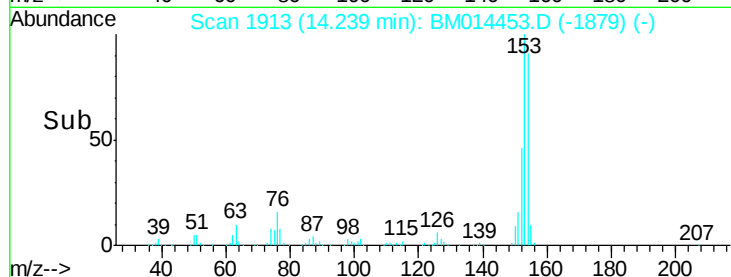
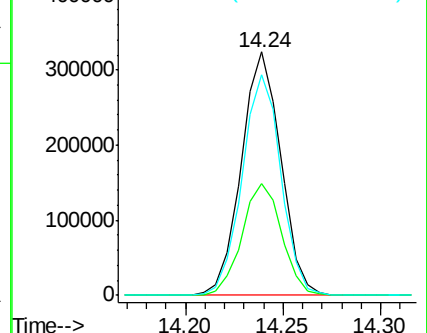
154 90.6 70.4 105.6



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



#50

2,4-Dinitrophenol

Concen: 17.235 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

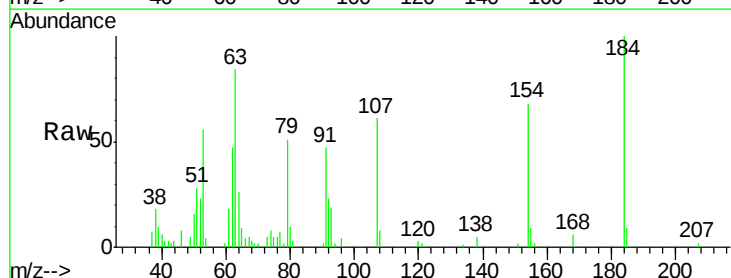
Tgt Ion:184 Resp: 47510

Ion Ratio Lower Upper

184 100

63 84.5 50.1 75.1#

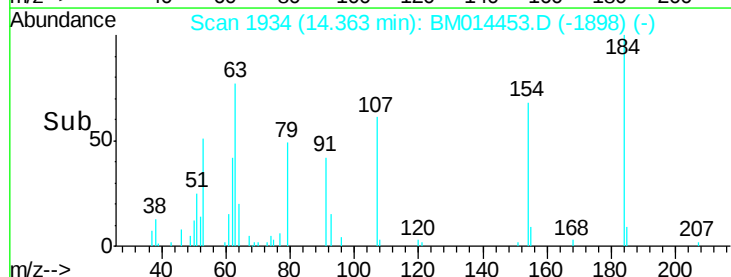
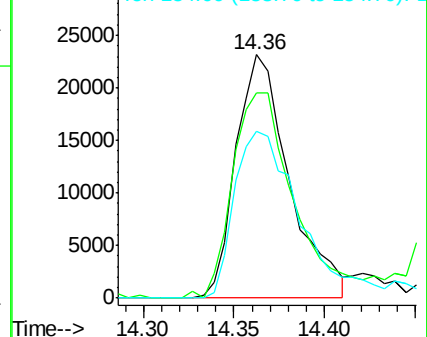
154 68.5 54.5 81.7

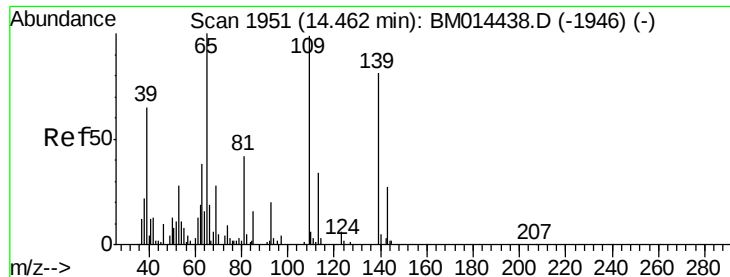


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.501 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.02 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampled :

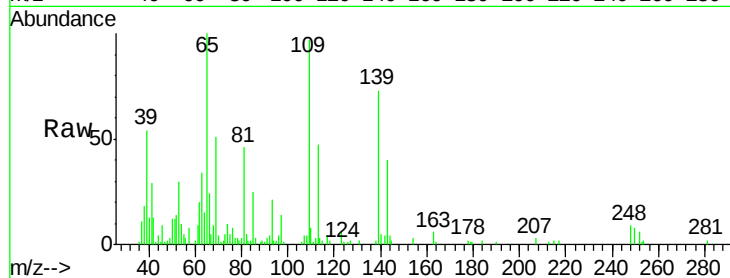
Tgt Ion:109 Resp: 101529

Ion Ratio Lower Upper

109 100

139 75.5 80.0 120.0#

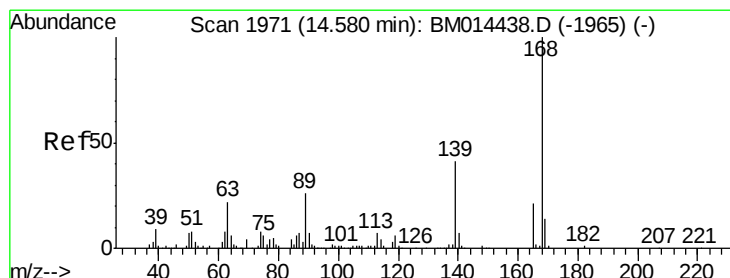
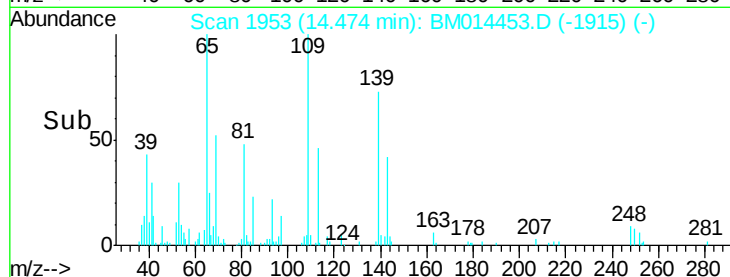
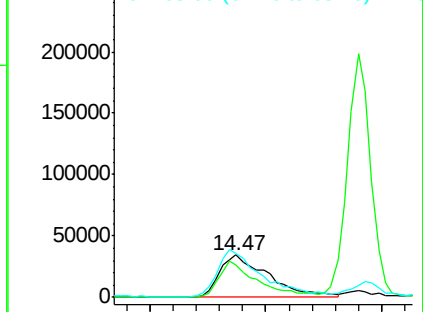
65 102.8 120.0 180.0#



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): BM0



#53

Dibenzofuran

Concen: 19.489 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM014453.D

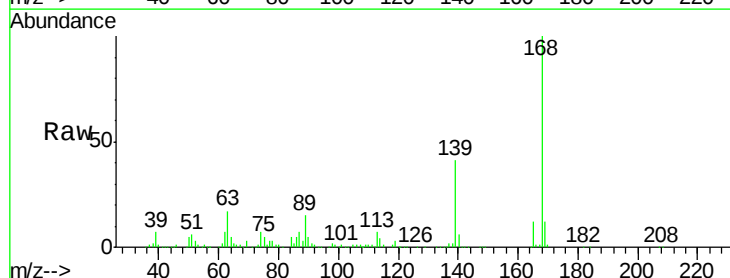
Acq: 02 Mar 2018 09:48

Tgt Ion:168 Resp: 656130

Ion Ratio Lower Upper

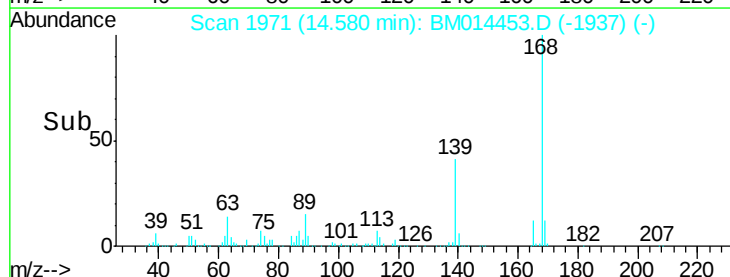
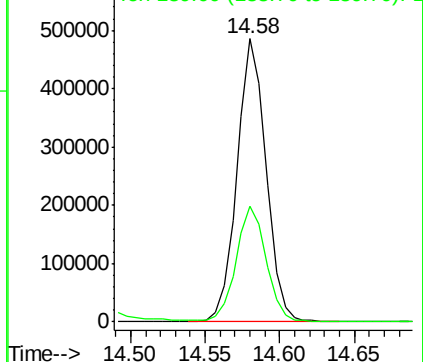
168 100

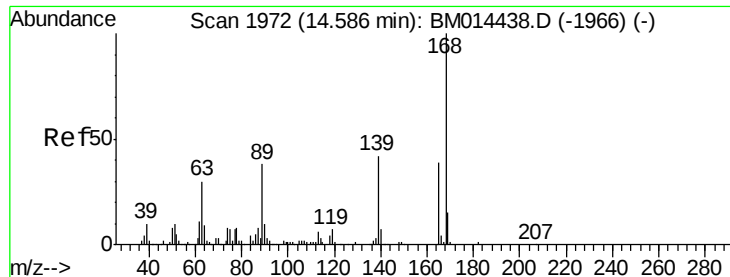
139 40.9 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.438 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

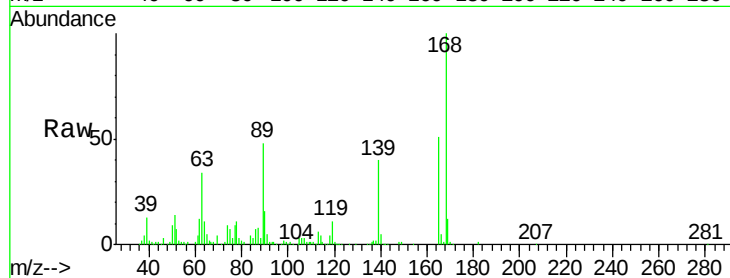
Tgt Ion:165 Resp: 176060

Ion Ratio Lower Upper

165 100

63 67.6 45.8 68.8

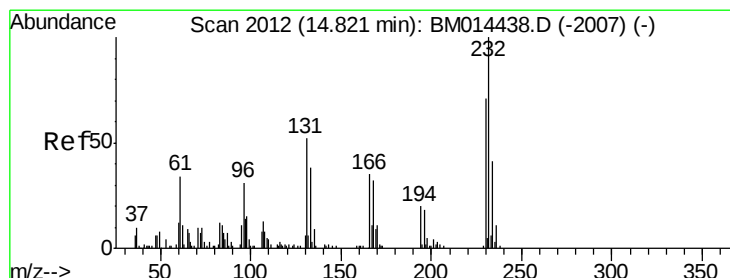
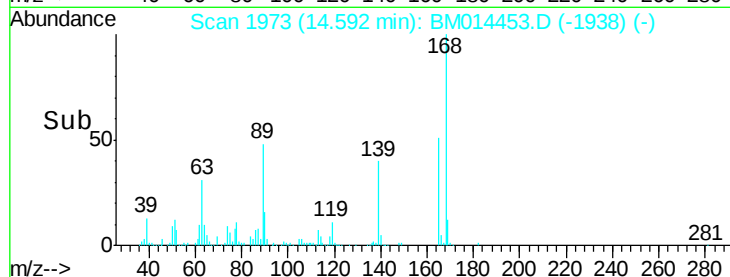
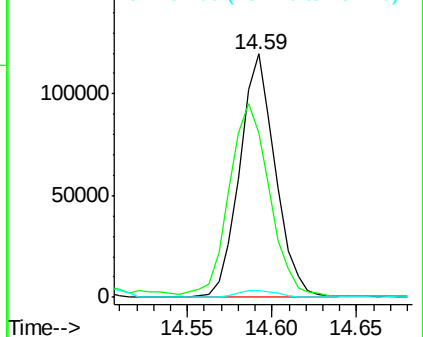
182 2.8 2.6 4.0



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 17.864 ng/ul

RT: 14.83 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Tgt Ion:232 Resp: 122490

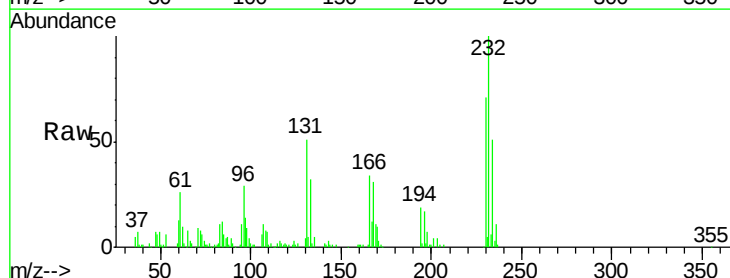
Ion Ratio Lower Upper

232 100

131 51.2 29.0 43.4#

130 3.7 2.0 3.0#

166 33.6 21.4 32.2#

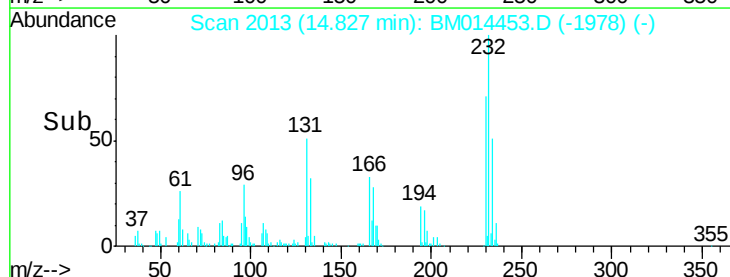
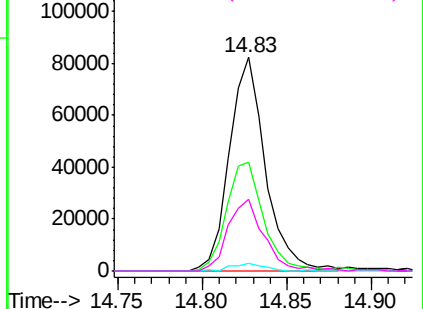


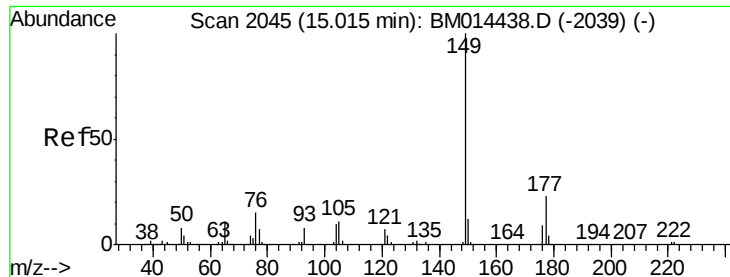
Abundance Ion 232.00 (231.70 to 232.70): E

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

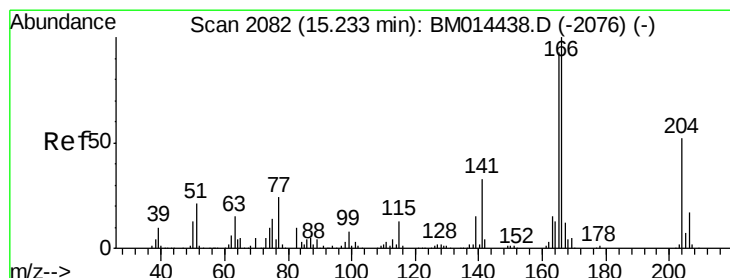
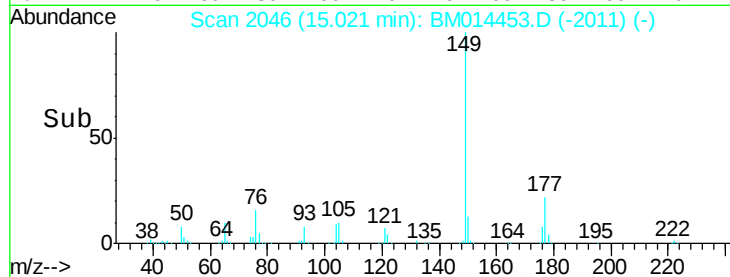
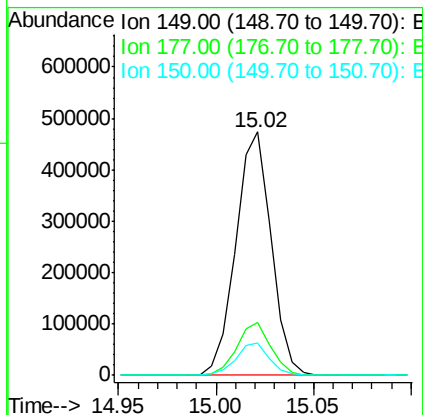
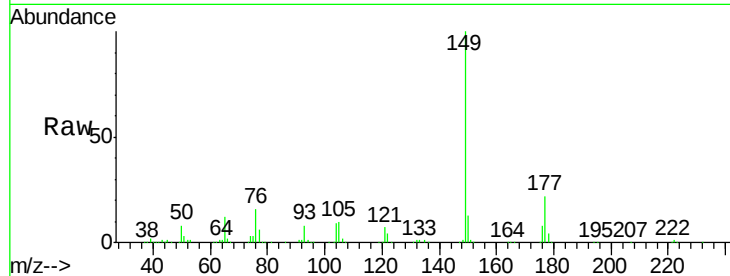




#56
Diethylphthalate
Concen: 19.775 ng/ul
RT: 15.02 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

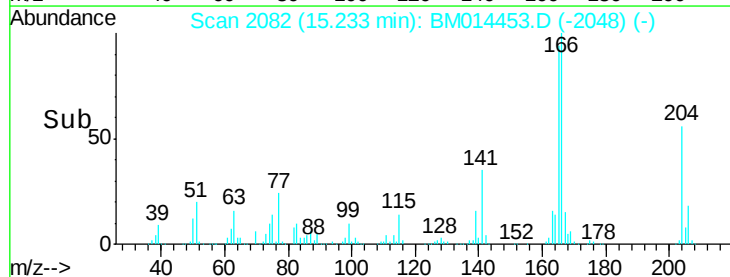
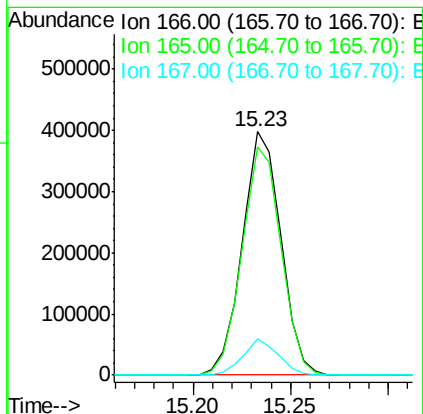
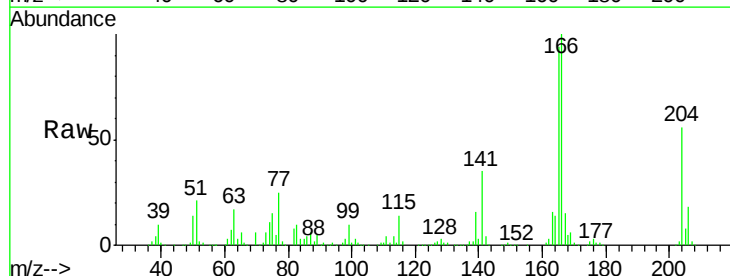
Instrument :
BNA_M
ClientSampleId :

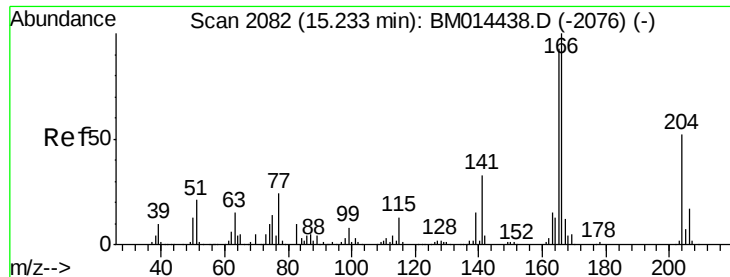
Tgt Ion:149 Resp: 594501
Ion Ratio Lower Upper
149 100
177 21.9 20.5 30.7
150 13.1 10.6 15.8



#58
Fluorene
Concen: 18.750 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:166 Resp: 544959
Ion Ratio Lower Upper
166 100
165 93.8 77.9 116.9
167 15.0 10.6 16.0

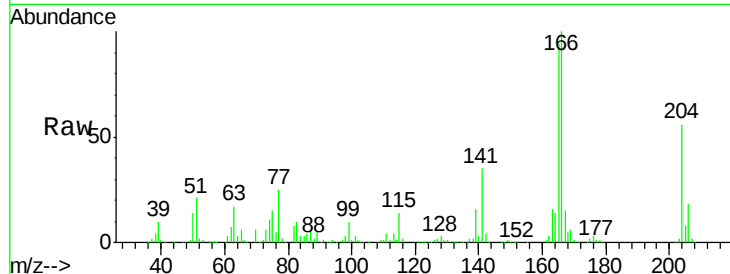




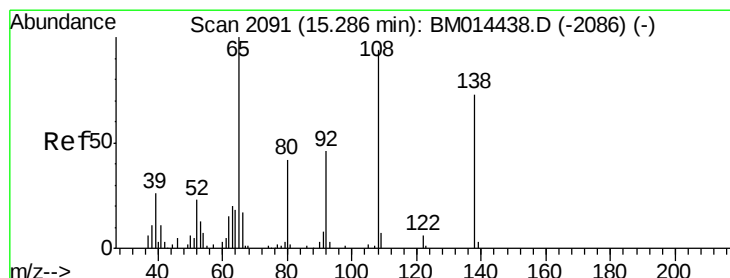
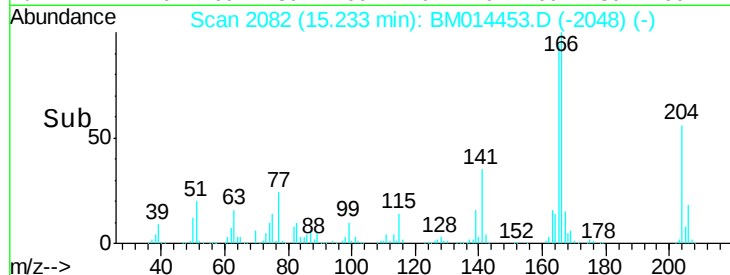
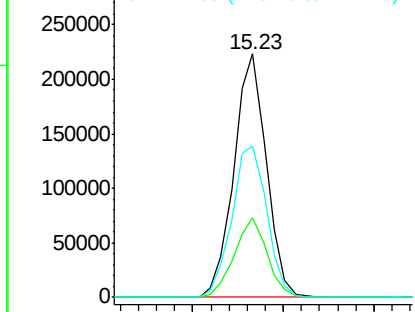
#59
4-Chlorophenyl-phenylether
Concen: 18.305 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 278287
Ion Ratio Lower Upper
204 100
206 32.6 24.8 37.2
141 62.2 44.3 66.5

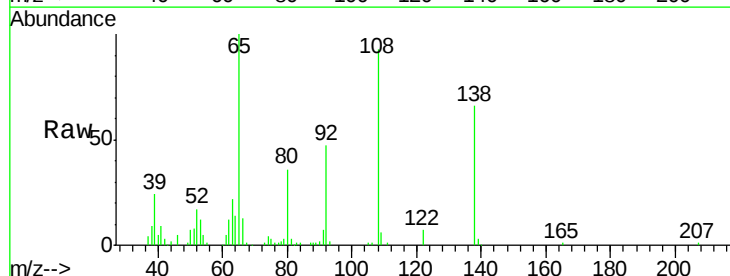


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

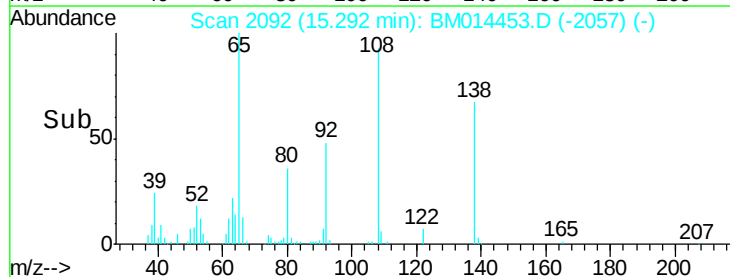
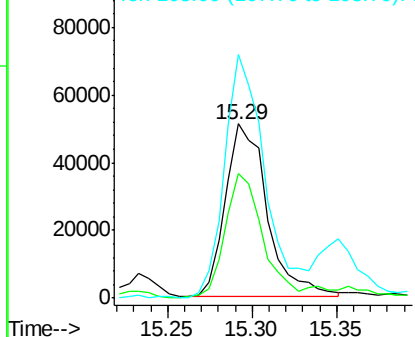


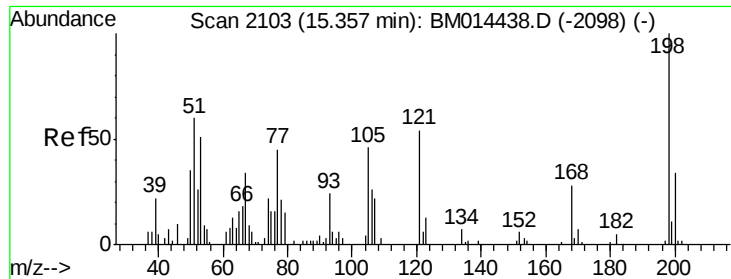
#60
4-Nitroaniline
Concen: 18.129 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:138 Resp: 88321
Ion Ratio Lower Upper
138 100
92 71.7 40.0 60.0#
108 139.8 80.0 120.0#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

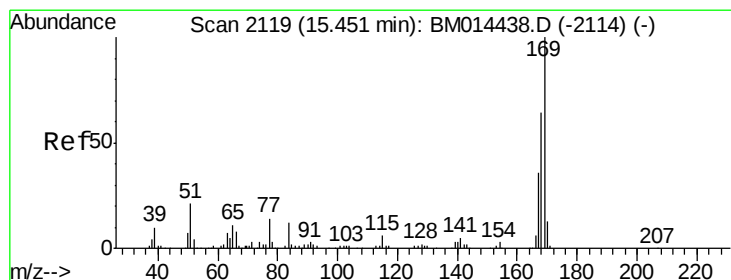
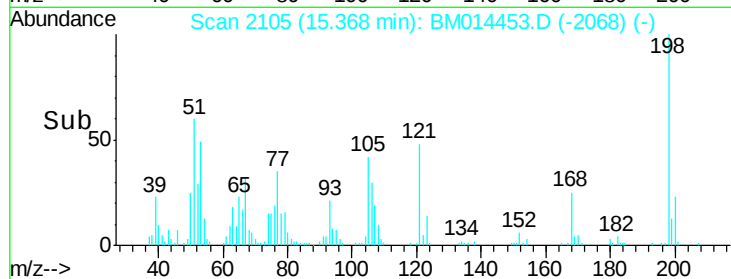
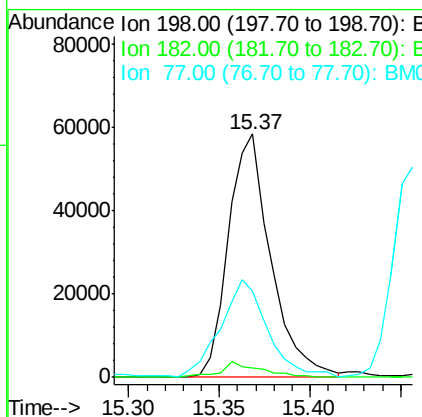
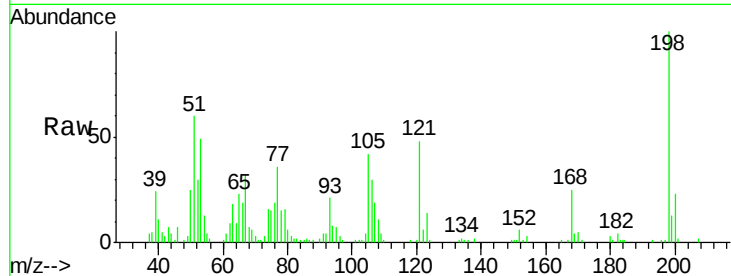




#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.294 ng/ul
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.02 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

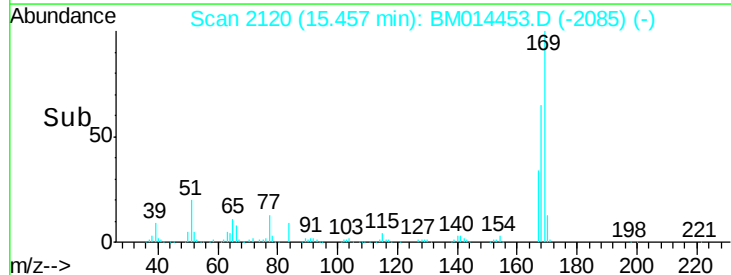
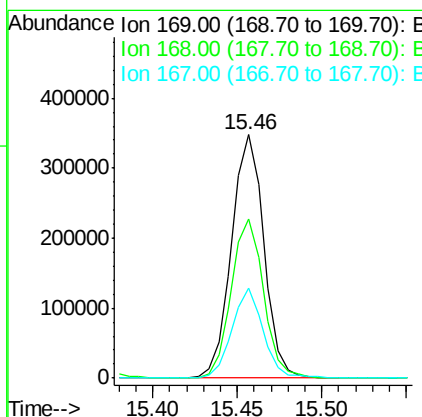
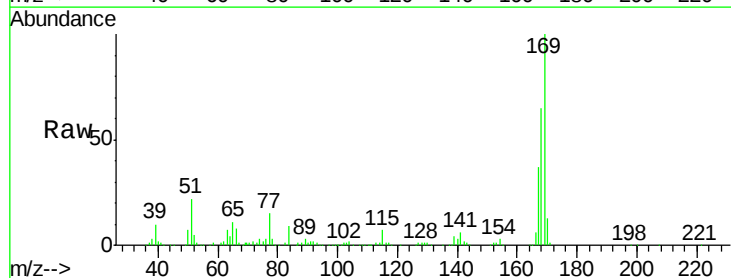
Instrument :
 BNA_M
 ClientSampleId :

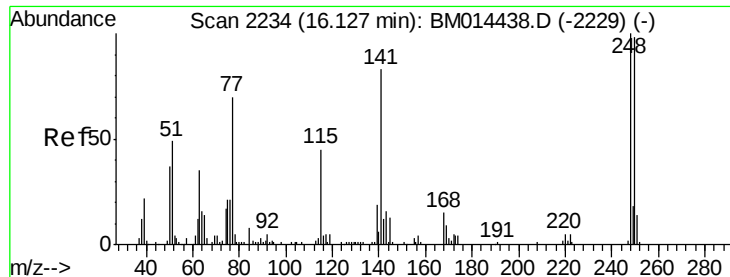
Tgt Ion:198 Resp: 94686
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.8 5.6
 77 35.5 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 21.104 ng/ul
 RT: 15.46 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:169 Resp: 463445
 Ion Ratio Lower Upper
 169 100
 168 65.3 54.0 81.0
 167 36.8 29.1 43.7

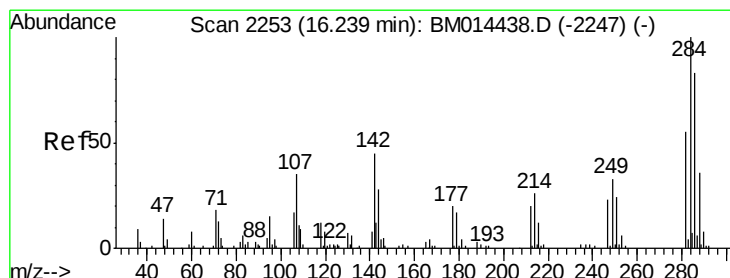
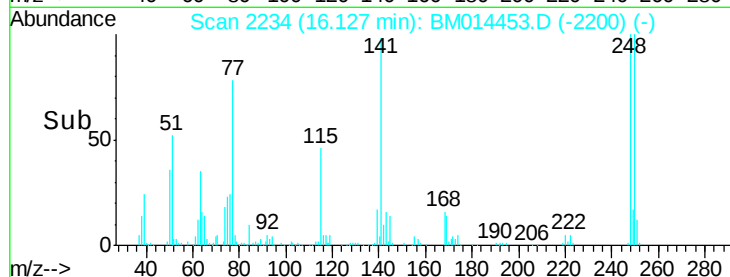
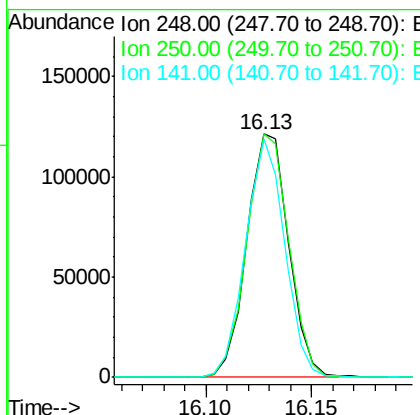
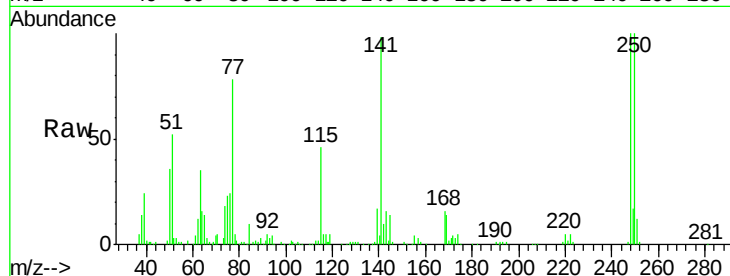




#65
4-Bromophenyl-phenylether
Concen: 19.605 ng/ul
RT: 16.13 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

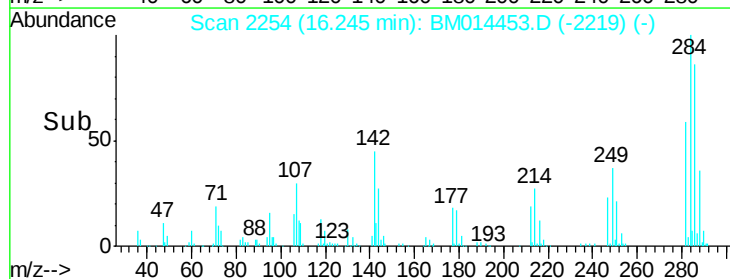
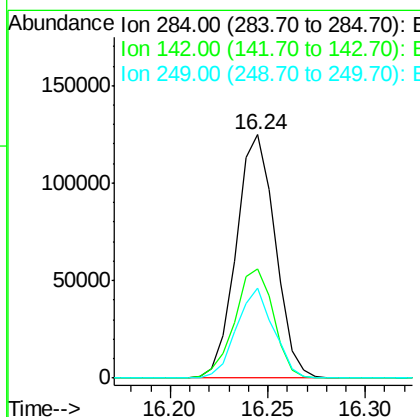
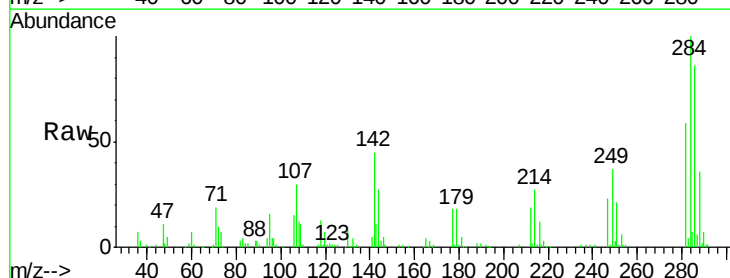
Instrument :
BNA_M
ClientSampleId :

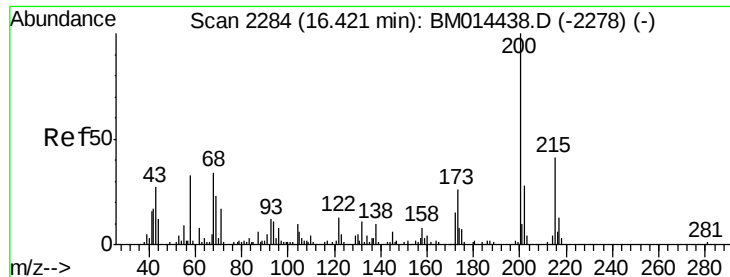
Tgt Ion:248 Resp: 167170
Ion Ratio Lower Upper
248 100
250 100.1 80.5 120.7
141 98.3 53.6 80.4#



#66
Hexachlorobenzene
Concen: 19.287 ng/ul
RT: 16.24 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:284 Resp: 172944
Ion Ratio Lower Upper
284 100
142 44.9 21.2 31.8#
249 37.0 24.5 36.7#





#67

Atrazine

Concen: 21.434 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

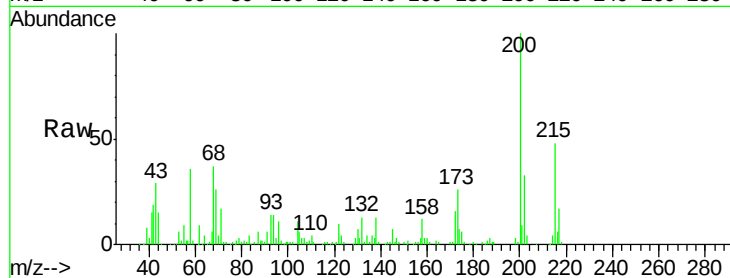
Tgt Ion:200 Resp: 185887

Ion Ratio Lower Upper

200 100

173 26.0 18.2 27.2

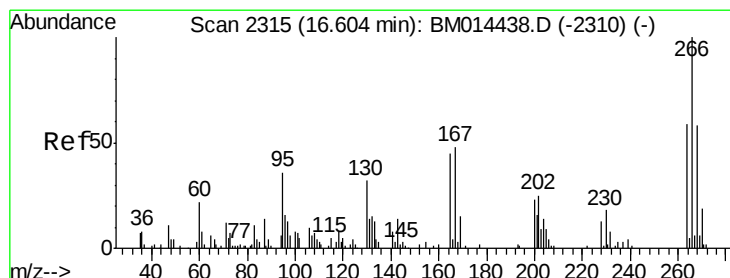
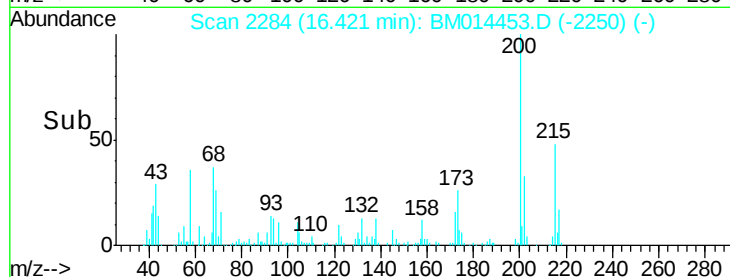
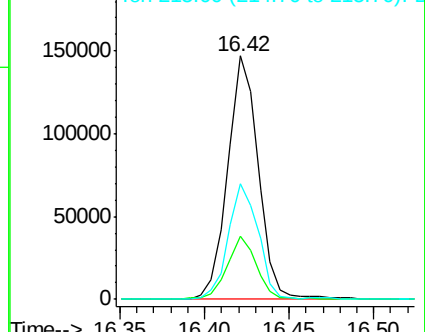
215 47.7 35.0 52.4



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



#68

Pentachlorophenol

Concen: 13.634 ng/ul

RT: 16.62 min Scan# 2317

Delta R.T. 0.02 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

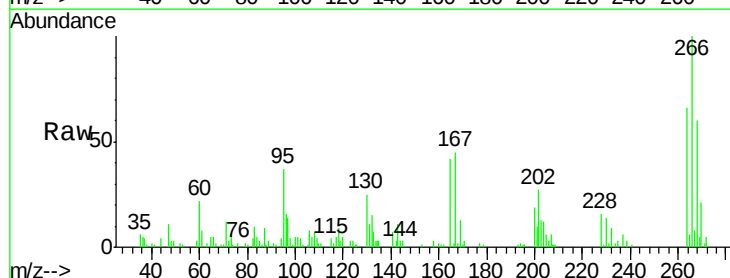
Tgt Ion:266 Resp: 64064

Ion Ratio Lower Upper

266 100

264 65.7 49.3 73.9

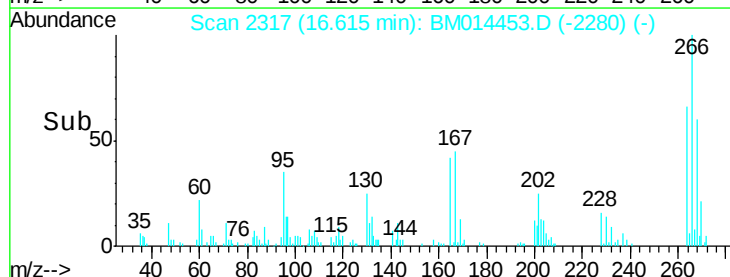
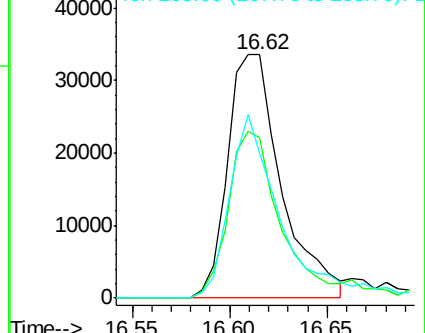
268 59.8 52.6 78.8

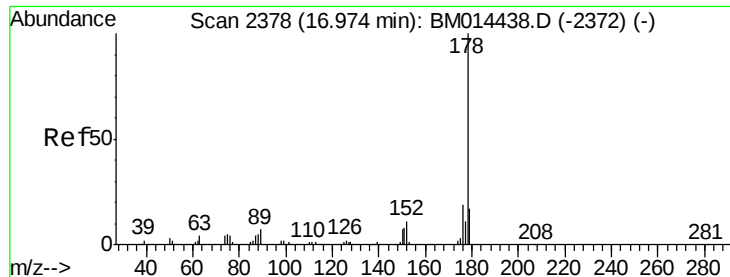


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.403 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

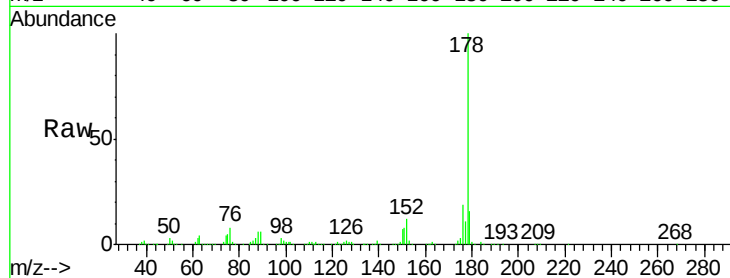
Tgt Ion:178 Resp: 854259

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

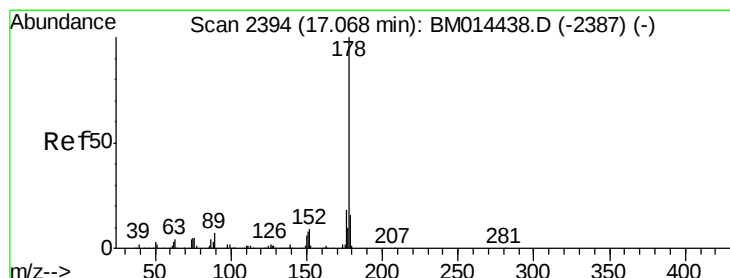
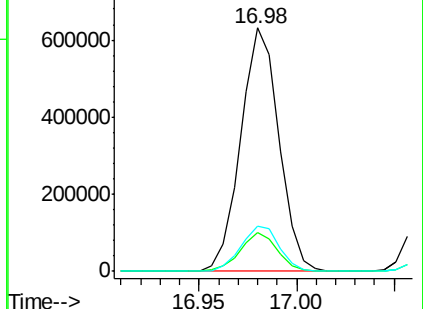
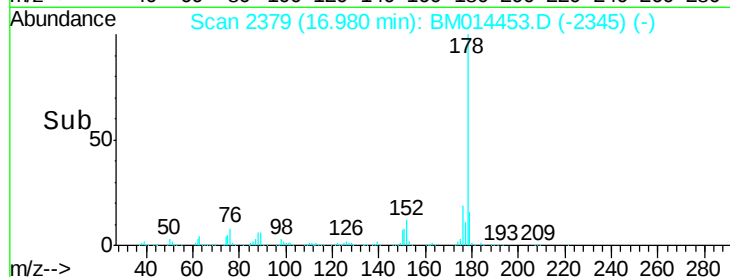
176 18.7 14.9 22.3



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: 19.882 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

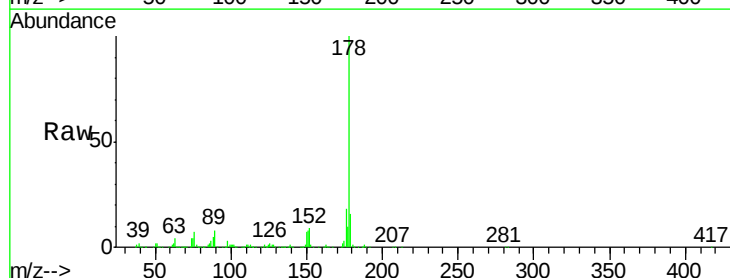
Tgt Ion:178 Resp: 880339

Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

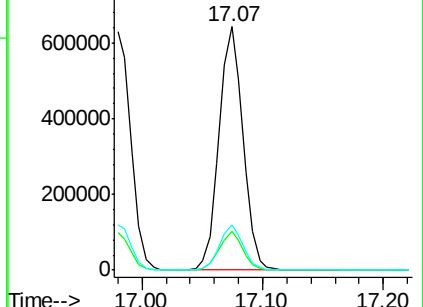
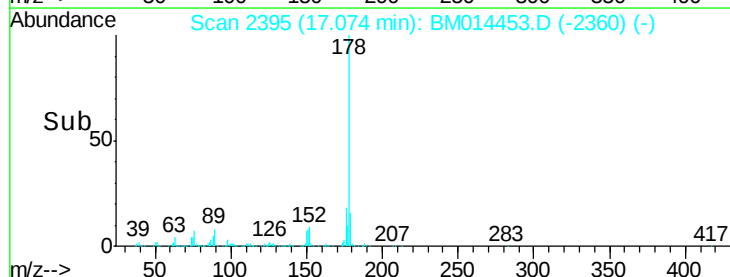
176 18.4 14.6 21.8

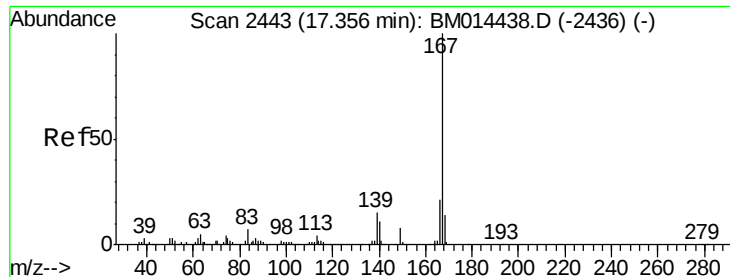


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.873 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

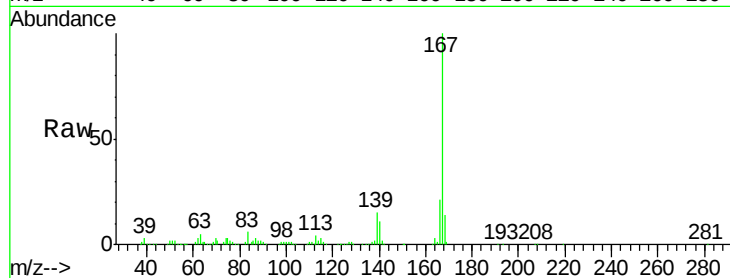
Tgt Ion:167 Resp: 739915

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

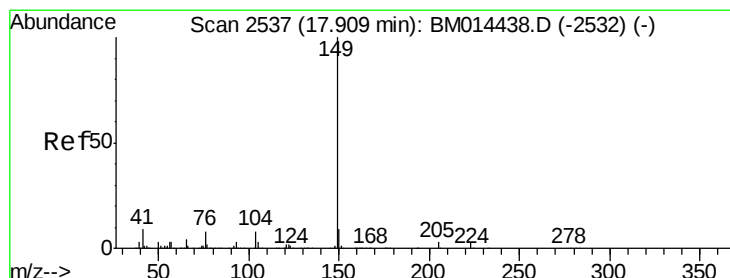
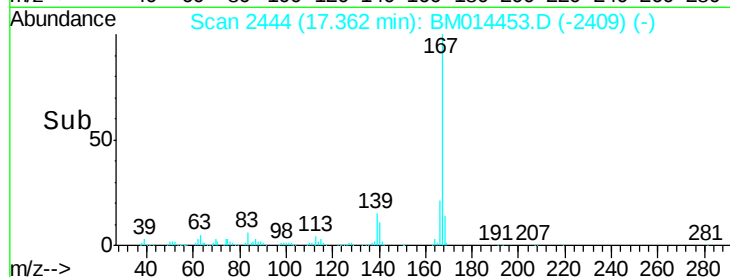
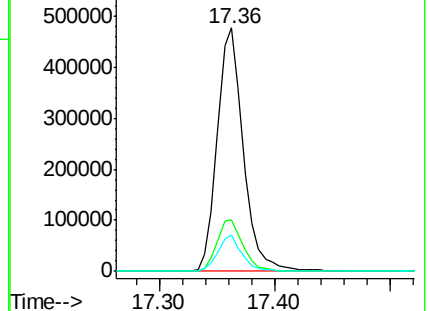
139 14.9 10.0 15.0



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: 20.769 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

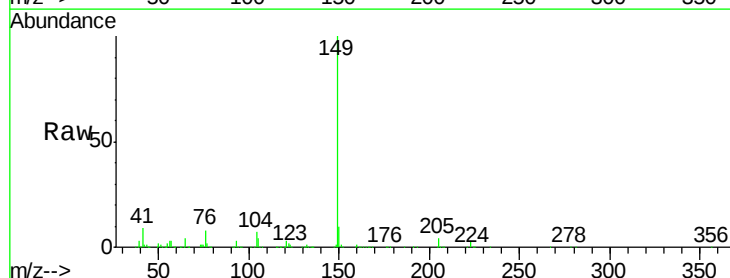
Tgt Ion:149 Resp: 997626

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

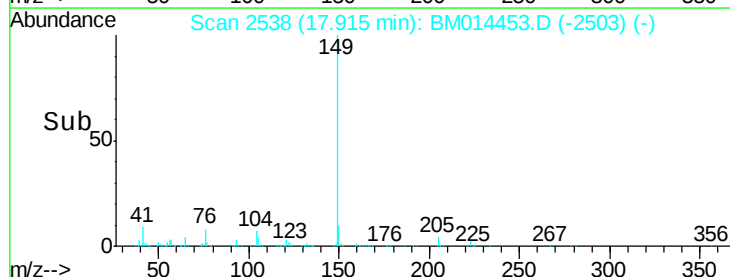
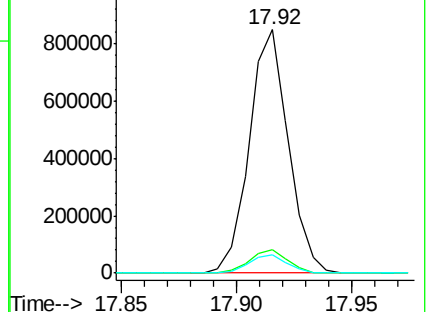
104 7.5 5.6 8.4

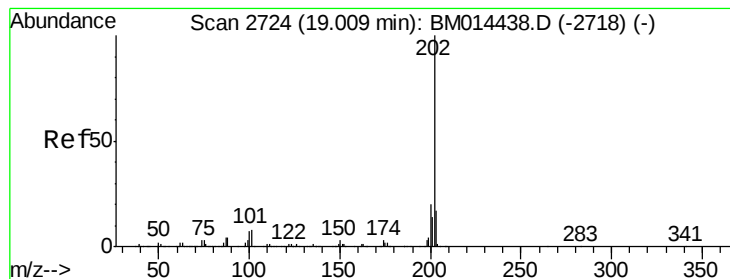


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 18.873 ng/ul

RT: 19.02 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

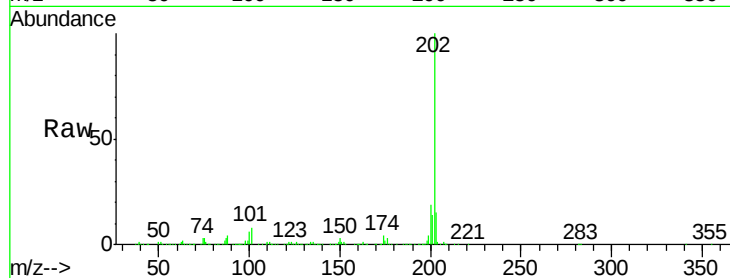
Tgt Ion:202 Resp: 992782

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

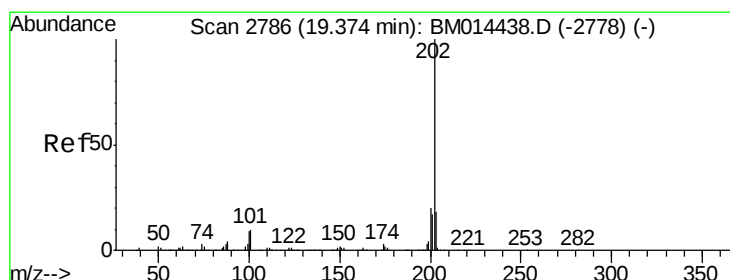
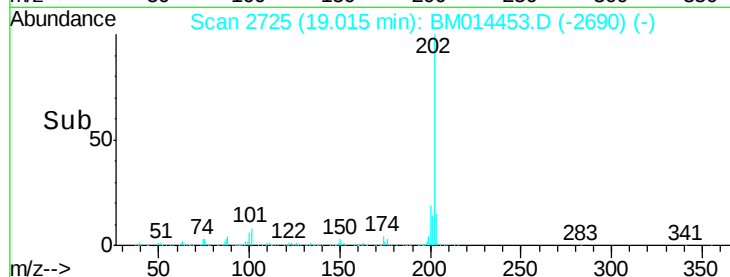
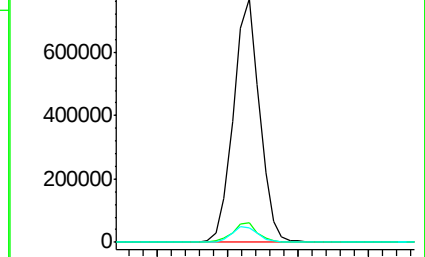
100 5.9 3.4 5.2#



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): B



#77

Pyrene

Concen: 20.939 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

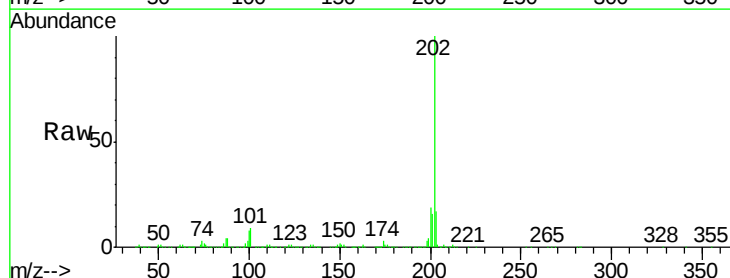
Tgt Ion:202 Resp: 990394

Ion Ratio Lower Upper

202 100

101 9.3 5.1 7.7#

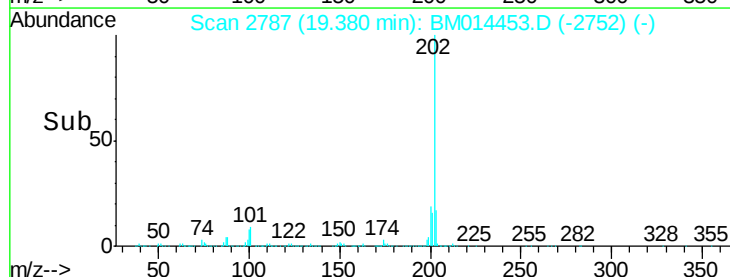
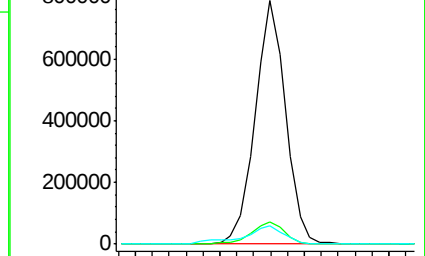
100 7.6 4.9 7.3#

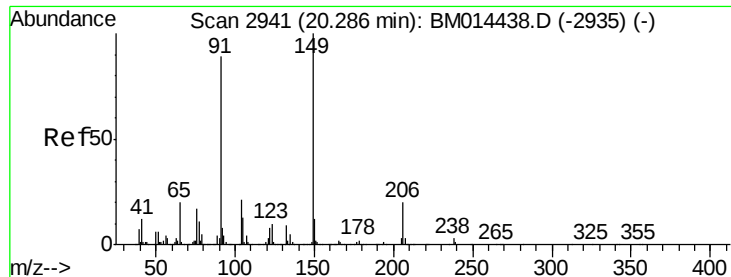


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

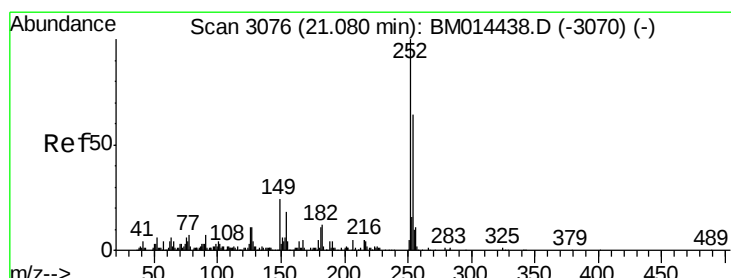
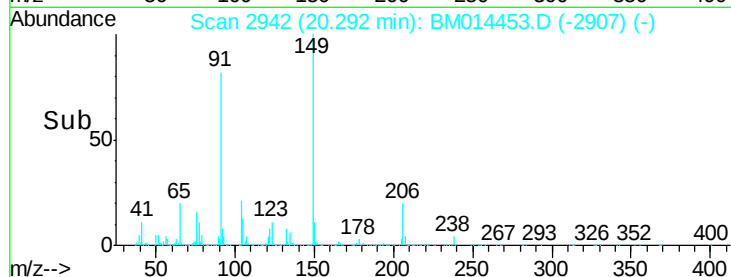
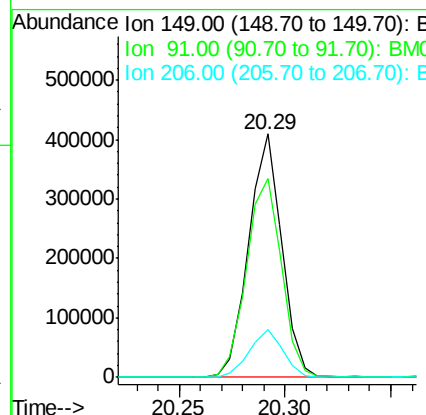
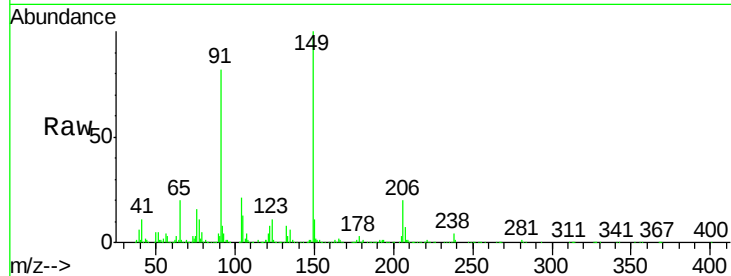




#78
Butylbenzylphthalate
Concen: 22.716 ng/ul
RT: 20.29 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

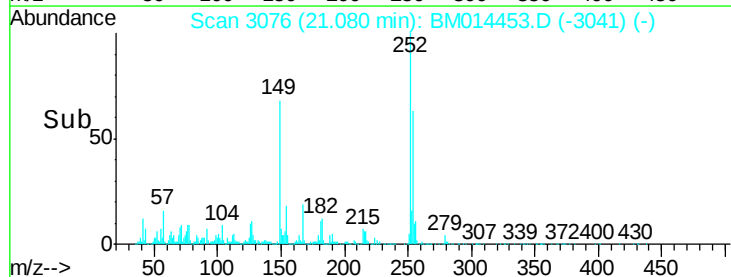
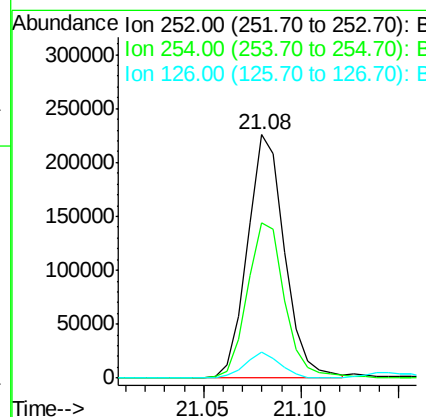
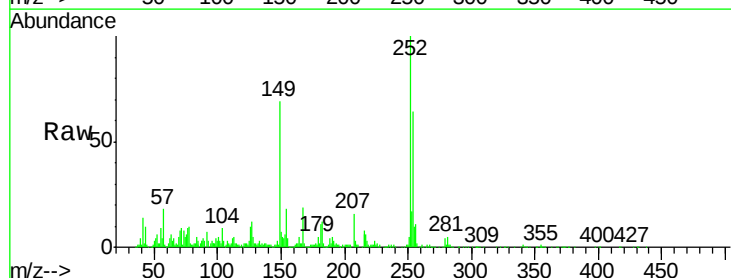
Instrument :
BNA_M
ClientSampleId :

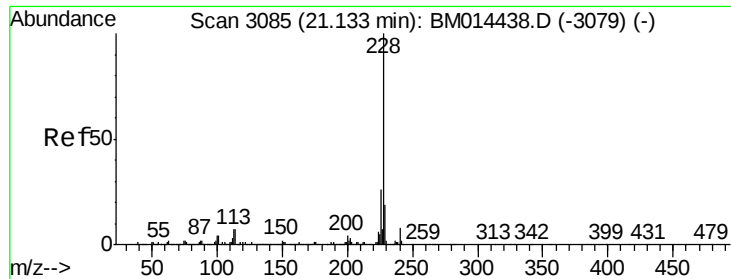
Tgt Ion:149 Resp: 444249
Ion Ratio Lower Upper
149 100
91 81.5 62.7 94.1
206 19.6 20.8 31.2#



#79
3,3'-Dichlorobenzidine
Concen: 23.741 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BM014453.D
Acq: 02 Mar 2018 09:48

Tgt Ion:252 Resp: 297066
Ion Ratio Lower Upper
252 100
254 63.6 54.5 81.7
126 10.5 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 20.095 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

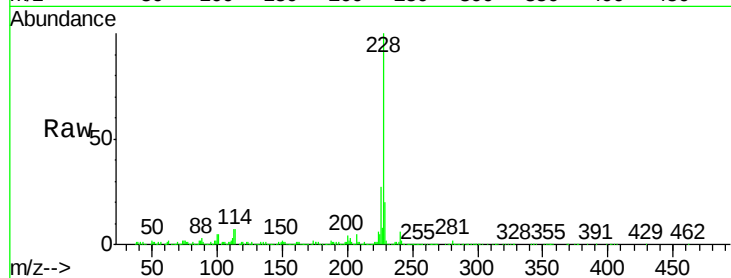
Tgt Ion:228 Resp: 892601

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

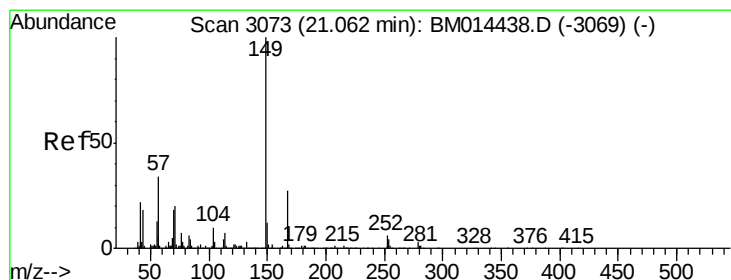
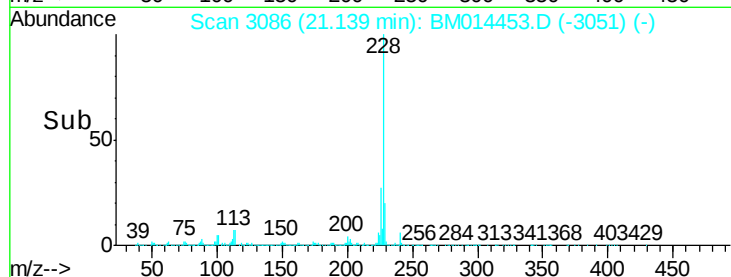
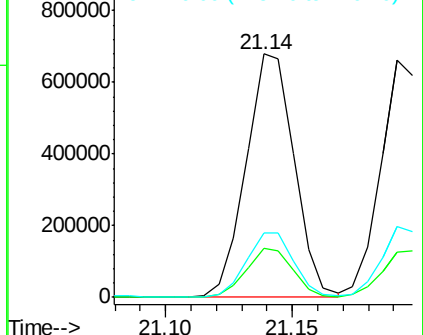
226 26.7 21.4 32.0



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: 21.767 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

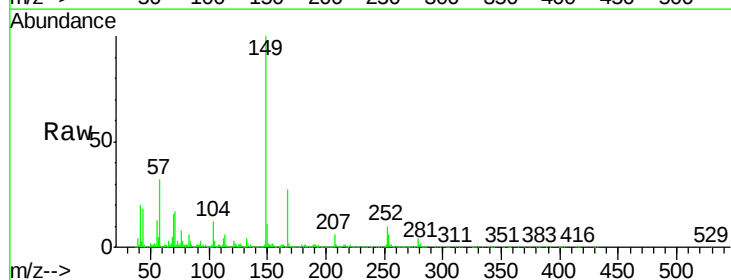
Tgt Ion:149 Resp: 609672

Ion Ratio Lower Upper

149 100

167 26.9 22.8 34.2

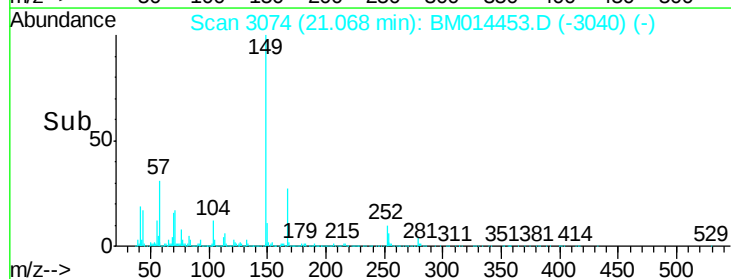
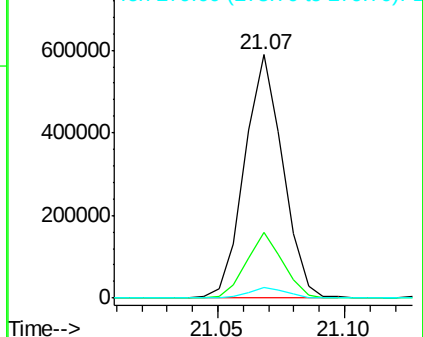
279 4.2 4.9 7.3#

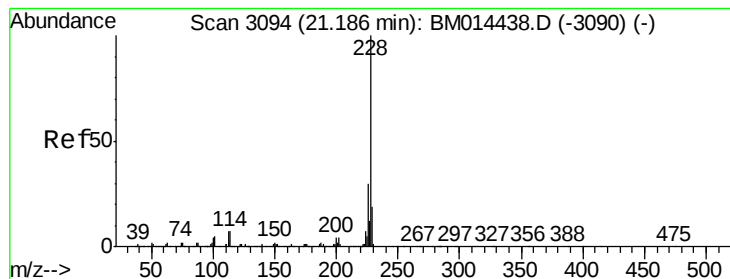


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.494 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

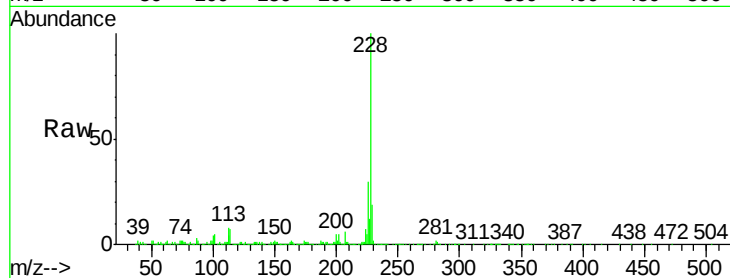
Tgt Ion:228 Resp: 807749

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

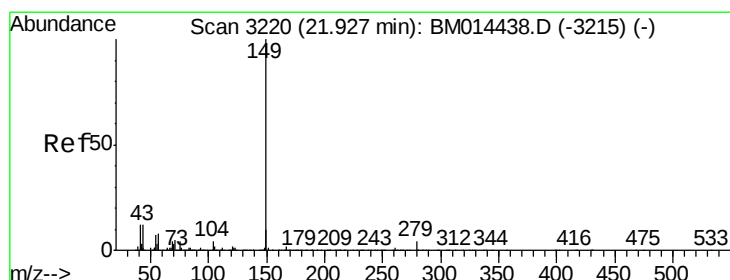
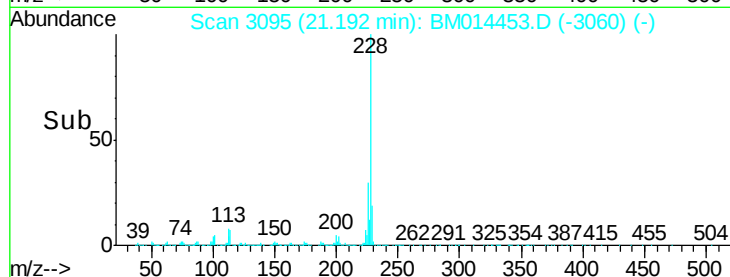
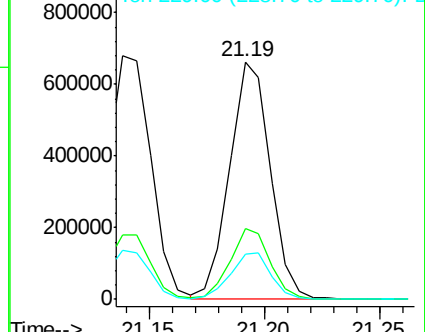
229 19.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 17.320 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

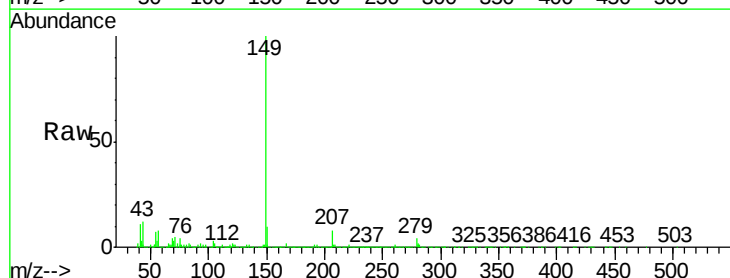
Tgt Ion:149 Resp: 964675

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

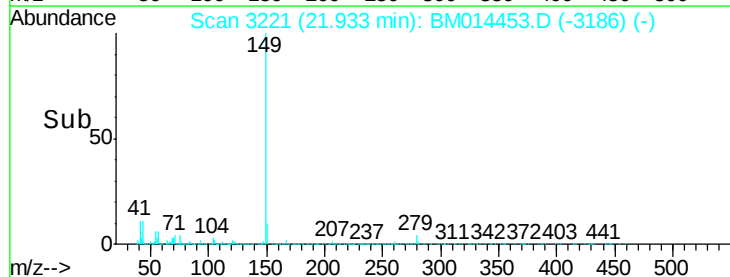
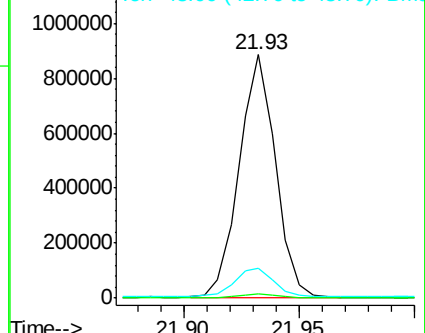
43 12.2 7.3 10.9#

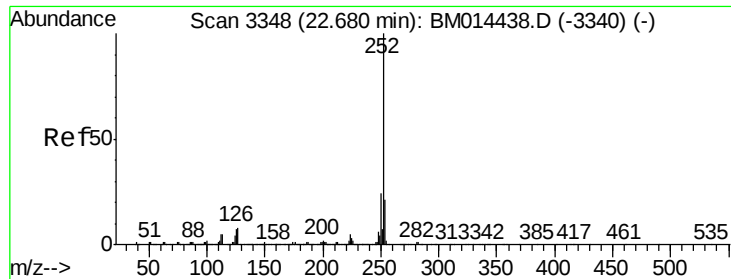


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 18.217 ng/ul

RT: 22.69 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

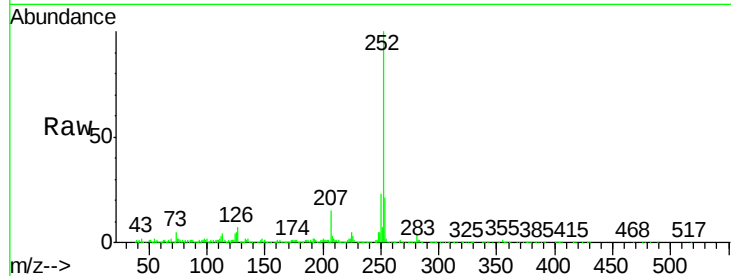
Tgt Ion:252 Resp: 791739

Ion Ratio Lower Upper

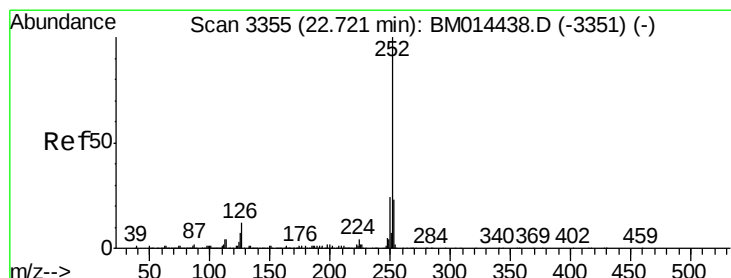
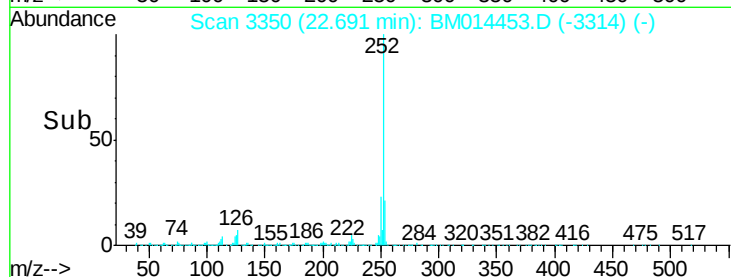
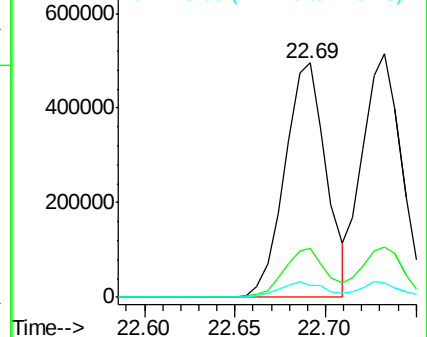
252 100

253 21.0 17.9 26.9

125 5.1 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: 19.161 ng/ul

RT: 22.69 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

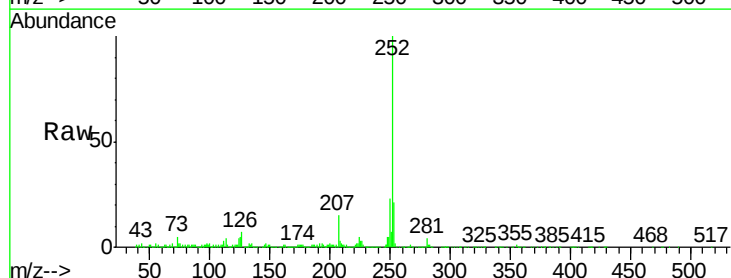
Tgt Ion:252 Resp: 791739

Ion Ratio Lower Upper

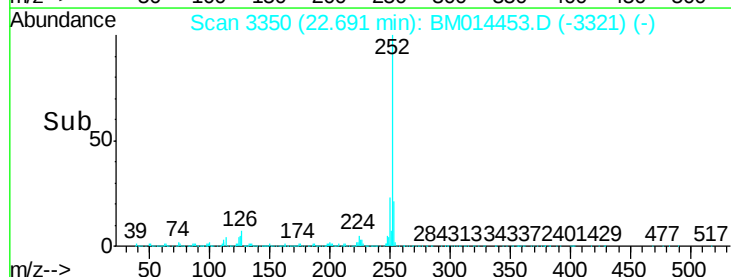
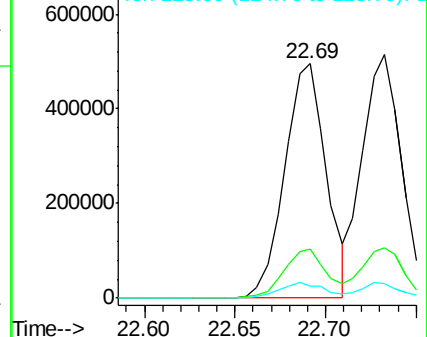
252 100

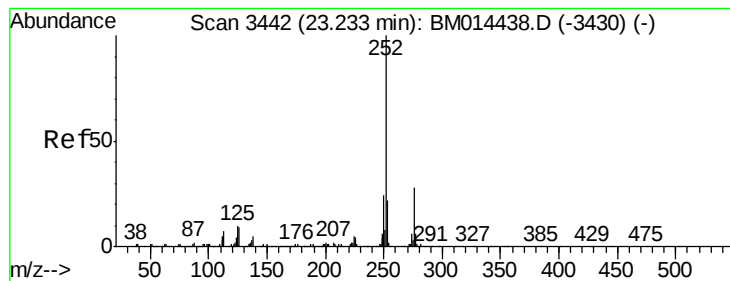
253 21.0 17.1 25.7

125 5.1 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: 19.152 ng/ul

RT: 23.24 min Scan# 3444

Delta R.T. 0.01 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

Instrument :

BNA_M

ClientSampleId :

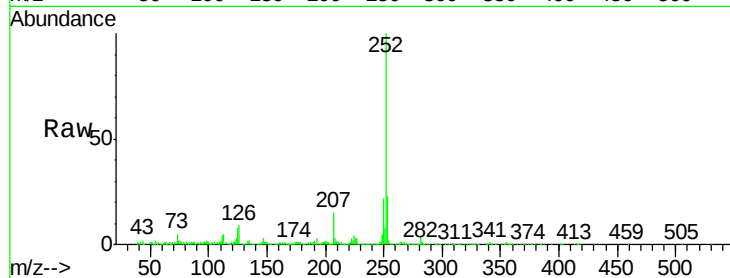
Tgt Ion:252 Resp: 743818

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

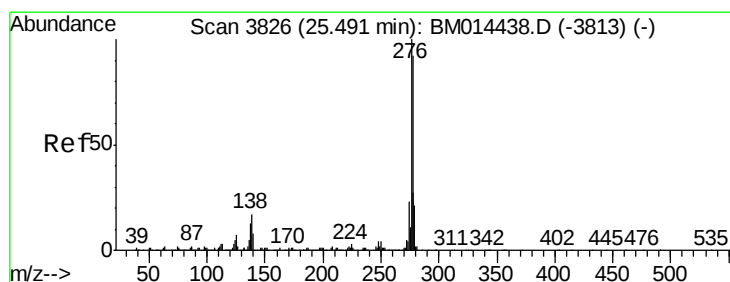
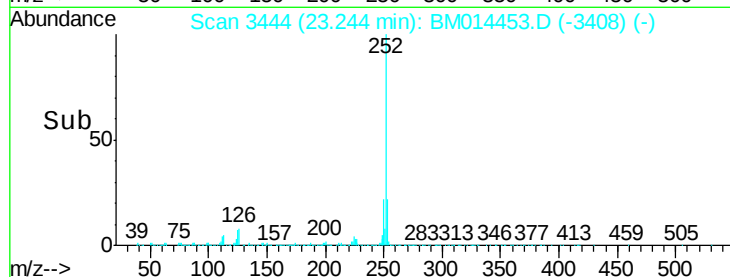
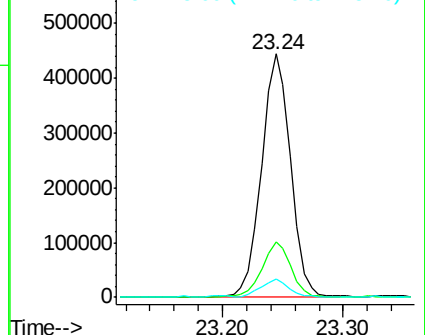
125 7.6 4.0 6.0#



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: 21.915 ng/ul

RT: 25.51 min Scan# 3830

Delta R.T. 0.03 min

Lab File: BM014453.D

Acq: 02 Mar 2018 09:48

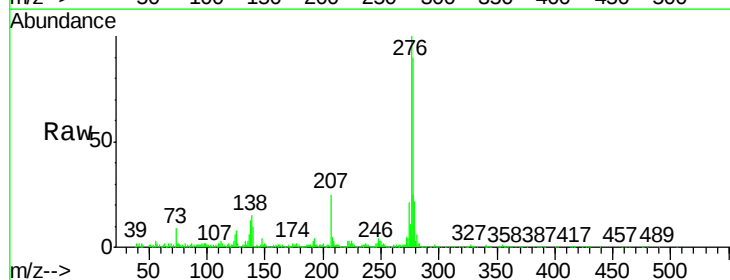
Tgt Ion:276 Resp: 825909

Ion Ratio Lower Upper

276 100

138 15.2 9.3 13.9#

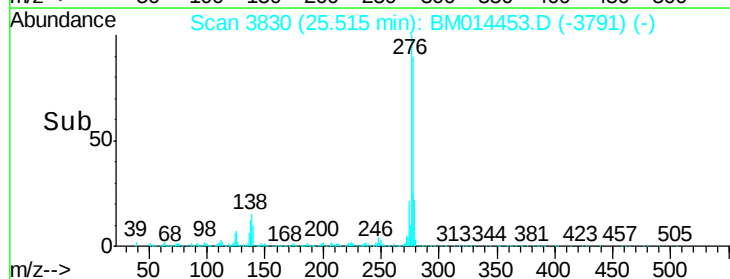
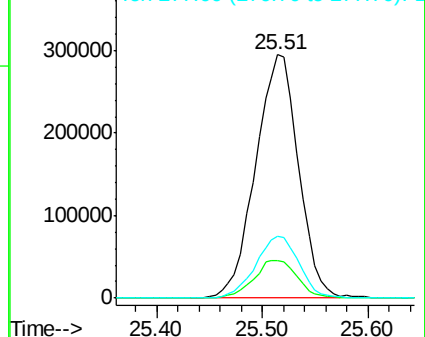
277 25.1 19.9 29.9

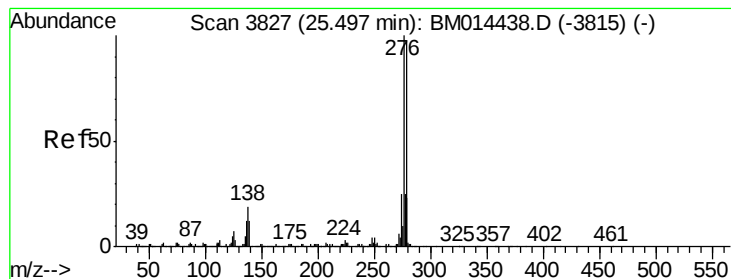


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



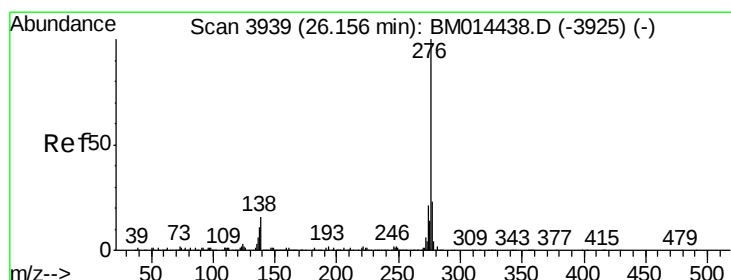
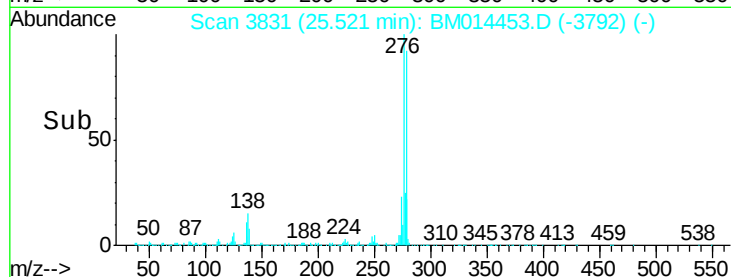
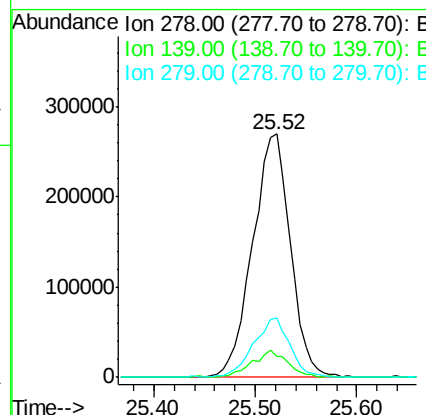
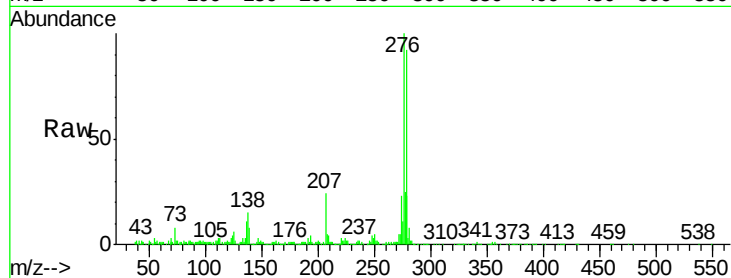


#90

Dibenzo(a,h)anthracene
 Concen: 22.296 ng/ul
 RT: 25.52 min Scan# 3831
 Delta R.T. 0.03 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	5.8	8.8#
279	24.5	18.6	27.8



#91

Benzo(g,h,i)perylene
 Concen: 21.400 ng/ul
 RT: 26.19 min Scan# 3944
 Delta R.T. 0.04 min
 Lab File: BM014453.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.5	12.7#
277	23.0	18.6	28.0

