

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040418\
 Data File : BM014671.D
 Acq On : 04 Apr 2018 15:53
 Operator : SJ/JU
 Sample : J2135-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 05 01:49:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 05 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	379763	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1665314	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.18	164	954578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2142910	20.00	ng/ul	0.00
77) Chrysene-d12	21.98	240	2340504	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	2269423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	38047	4.82	ng/uL	0.00
5) Phenol-d5	7.69	99	552040	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	353634	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	444602	17.79	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	446542	18.05	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	206661	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	176545	18.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	439017	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	551753	19.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	1804132	23.92	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	1982459	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	284467	23.24	ng/ul	0.00
57) Fluorene-d10	16.15	176	1494686	23.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.25	200	176295	19.27	ng/ul	0.00
70) Anthracene-d10	17.99	188	2480603	24.57	ng/ul	0.00
78) Pyrene-d10	20.22	212	2819451	23.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	2765079	24.81	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.73	88	134030	15.770	ng/uL 95
4) Benzaldehyde	7.69	77	554396	32.018	ng/ul 97
6) Phenol	7.72	94	800633	27.071	ng/ul 94
10) 2-Chlorophenol	8.13	128	428258	17.356	ng/ul# 91
15) N-Nitroso-di-n-propylamine	9.39	70	384883	19.656	ng/ul# 75
20) Nitrobenzene	9.80	77	442242	16.193	ng/ul 94
23) 2-Nitrophenol	10.52	139	199835	17.822	ng/ul 90
27) 2,4-Dichlorophenol	11.06	162	418858	18.156	ng/ul 98
28) Naphthalene	11.47	128	1024044	12.613	ng/ul 100
30) 4-Chloroaniline	11.47	127	134373	5.057	ng/ul# 10
31) Hexachlorobutadiene	11.75	225	284398	18.470	ng/ul 98
33) 4-Chloro-3-methylphenol	12.64	107	806876	32.877	ng/ul 95
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	423287	13.969	ng/ul 98
38) 2,4,6-Trichlorophenol	13.62	196	516152	28.679	ng/ul 99
39) 2,4,5-Trichlorophenol	13.62	196	516152	27.377	ng/ul 99
40) 1,1'-Biphenyl	14.02	154	1480715	19.369	ng/ul 99
41) 2-Chloronaphthalene	14.07	162	703904	11.882	ng/ul 96
44) Dimethylphthalate	14.62	163	1607394	22.118	ng/ul 100
45) 2,6-Dinitrotoluene	14.74	165	271009	23.089	ng/ul 95
49) Acenaphthene	15.24	153	1084035	17.088	ng/ul 99
52) 4-Nitrophenol	15.34	109	222900	23.956	ng/ul# 85
53) Dibenzofuran	15.57	168	1297469	14.904	ng/ul 95
55) 2,3,4,6-Tetrachlorophenol	15.78	232	332892	20.755	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

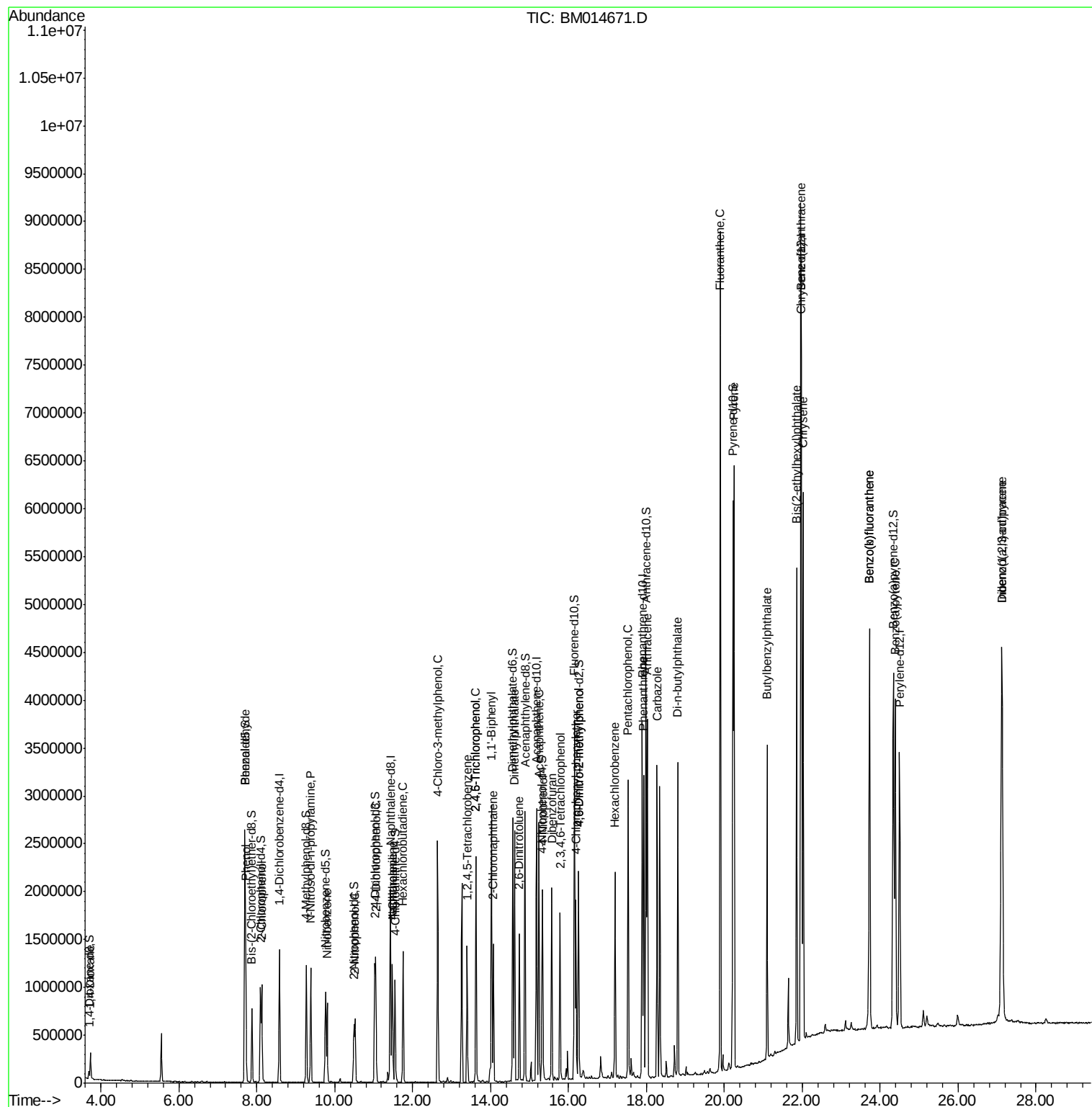
59) 4-Chlorophenyl-phenylether	16.19	204	504214	13.882	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.26	198	357944	36.250	ng/ul	99
66) Hexachlorobenzene	17.20	284	464552	17.294	ng/ul#	89
68) Pentachlorophenol	17.53	266	544756	38.588	ng/ul	99
69) Phenanthrene	17.93	178	1870335	16.291	ng/ul	99
71) Anthracene	18.02	178	2211813	18.922	ng/ul	99
74) Carbazole	18.27	167	2029086	20.967	ng/ul	99
75) Di-n-butylphthalate	18.80	149	2132203	17.748	ng/ul	100
76) Fluoranthene	19.89	202	4939328	41.597	ng/ul	98
79) Pvrene	20.25	202	3540070	24.209	ng/ul	99
80) Butylbenzylphthalate	21.09	149	877388	17.143	ng/ul	96
82) Benzo(a)anthracene	21.96	228	4407235	32.113	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.85	149	1655093	21.685	ng/ul	99
84) Chrysene	22.01	228	2921133	22.791	ng/ul	99
87) Benzo(b)fluoranthene	23.73	252	3136954	23.041	ng/ul	100
88) Benzo(k)fluoranthene	23.73	252	3136954	23.942	ng/ul	100
90) Benzo(a)pyrene	24.39	252	2752974	21.604	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	27.11	276	3399813	23.790	ng/ul	95
92) Dibenzo(a,h)anthracene	27.13	278	2210939	18.449	ng/ul	99

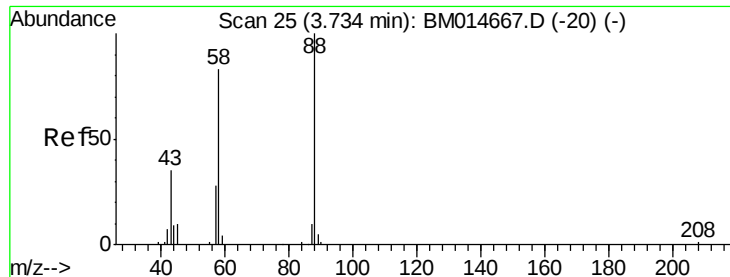
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.770 ng/uL

RT: 3.73 min Scan# 25

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

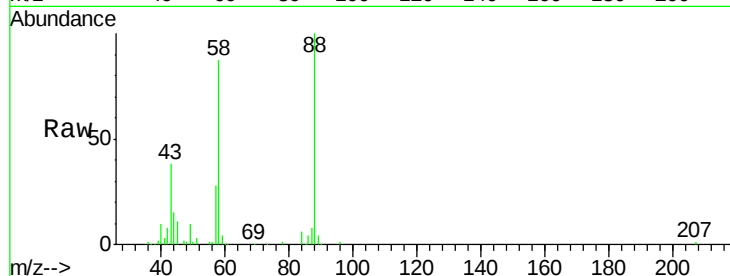
Tot Ion: 88 Resp: 134030

Ion Ratio Lower Upper

88 100

43 36.8 32.0 48.0

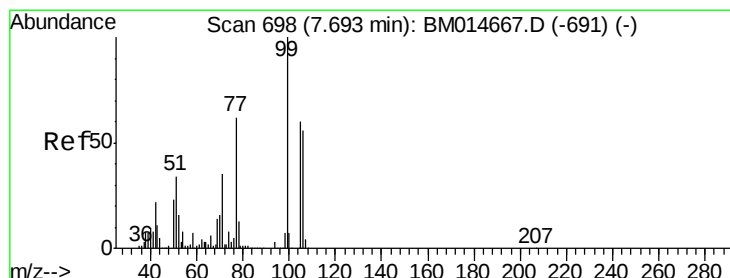
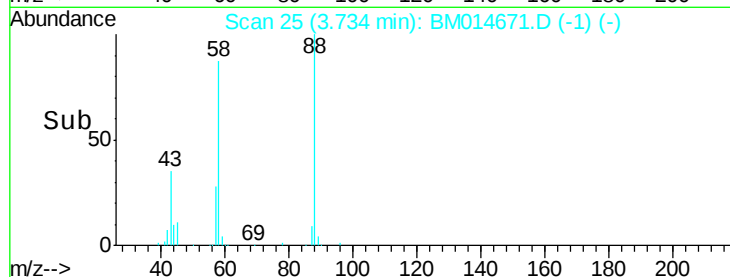
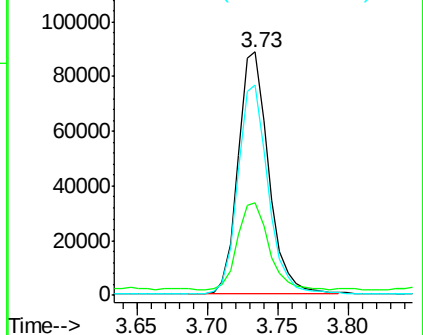
58 84.7 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BM014667.D (-20) (-)

Ion 43.00 (42.70 to 43.70): BM014667.D (-20) (-)

Ion 58.00 (57.70 to 58.70): BM014667.D (-20) (-)



#4

Benzaldehyde

Concen: 32.018 ng/uL

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

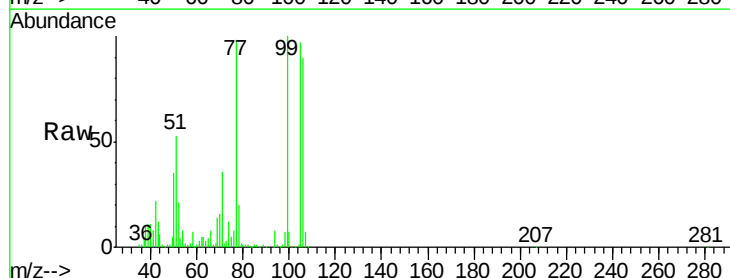
Tgt Ion: 77 Resp: 554396

Ion Ratio Lower Upper

77 100

105 98.9 80.6 120.8

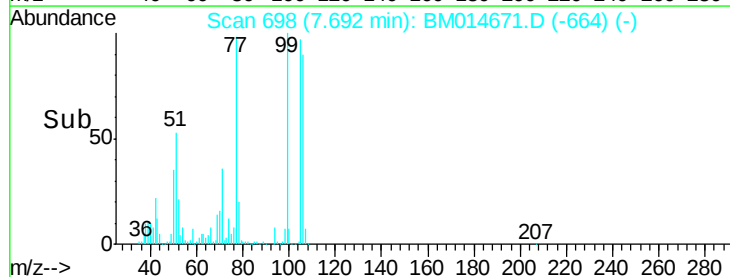
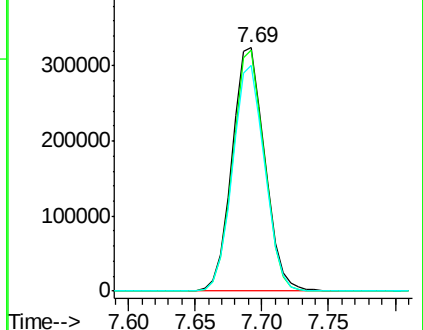
106 92.4 77.7 116.5

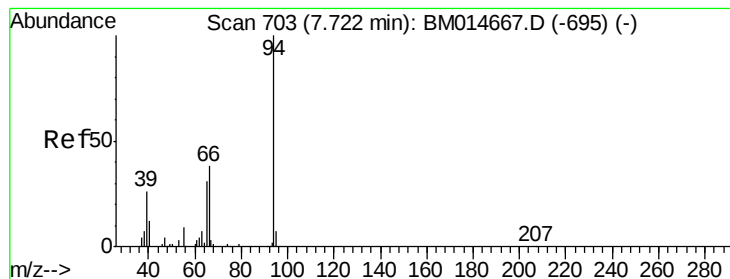


Abundance Ion 77.00 (76.70 to 77.70): BM014667.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM014667.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM014667.D (-691) (-)





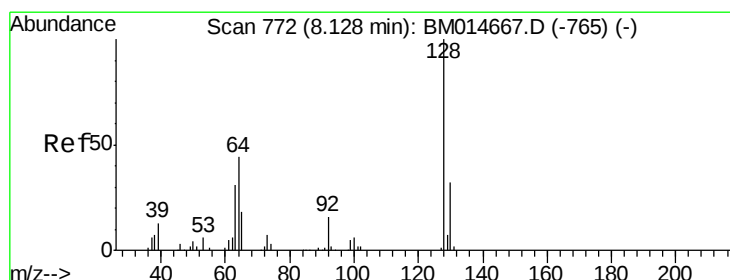
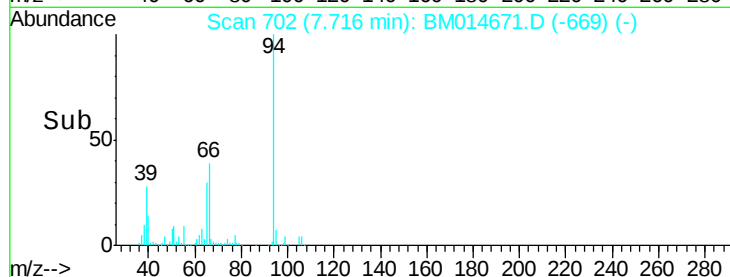
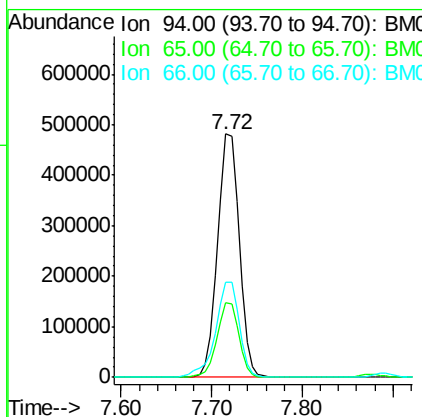
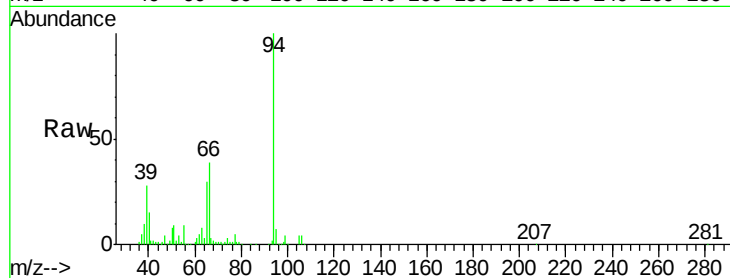
#6

Phenol

Concen: 27.071 ng/ul
 RT: 7.72 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 800633
 Ion Ratio Lower Upper
 94 100
 65 30.5 21.0 31.6
 66 39.1 29.3 43.9

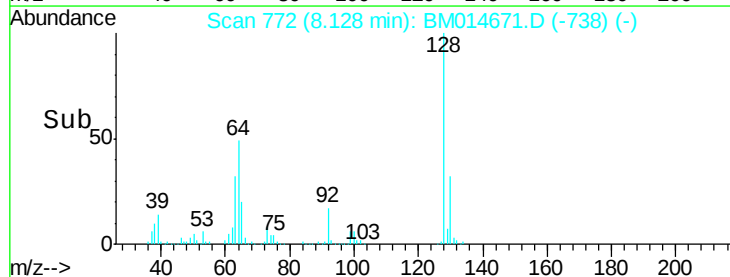
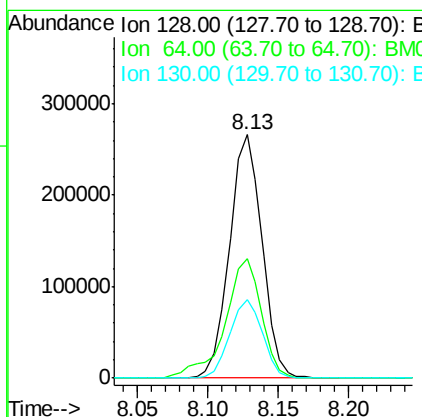
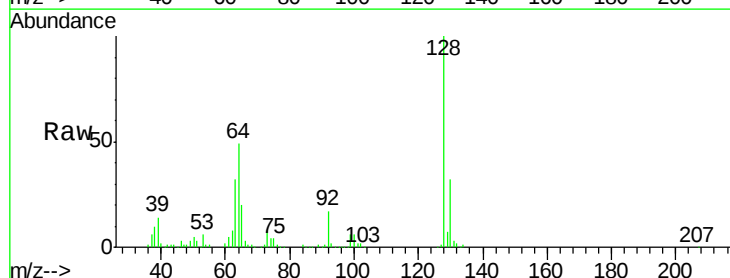


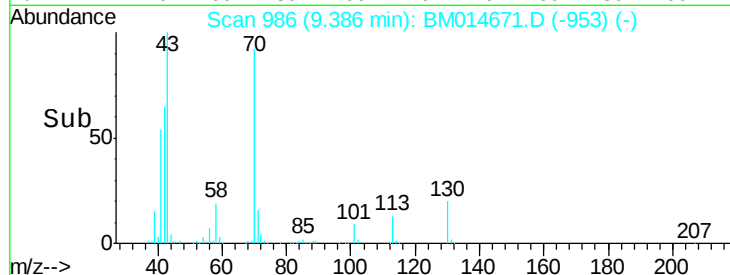
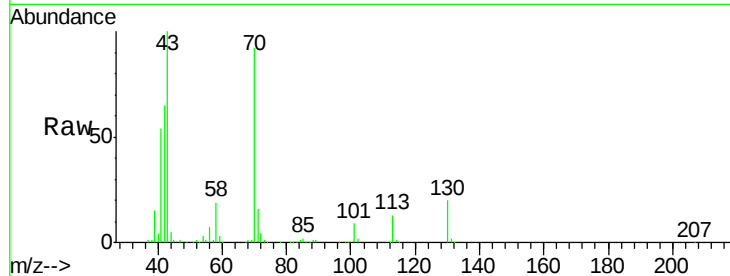
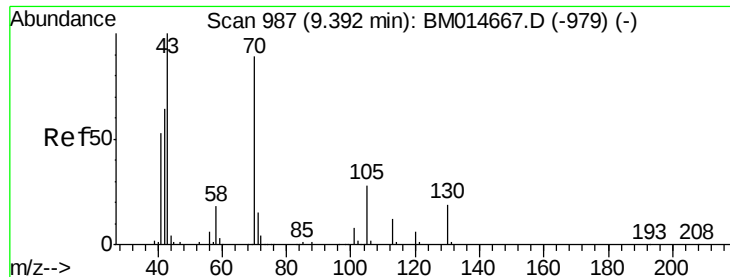
#10

2-Chlorophenol

Concen: 17.356 ng/ul
 RT: 8.13 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion: 128 Resp: 428258
 Ion Ratio Lower Upper
 128 100
 64 49.3 31.9 47.9#
 130 32.2 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 19.656 ng/ul

RT: 9.39 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 384883

Ion Ratio Lower Upper

70 100

42 71.3 35.4 53.0#

101 9.7 8.4 12.6

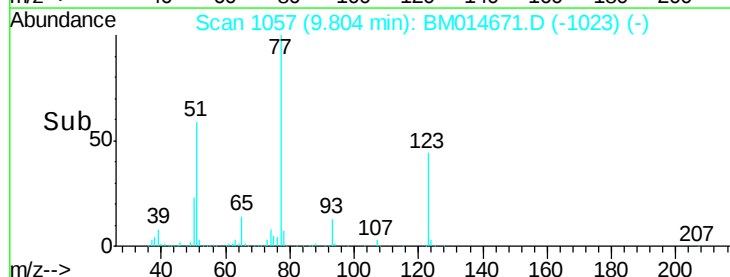
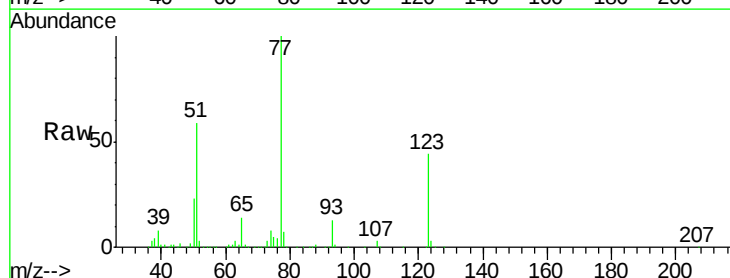
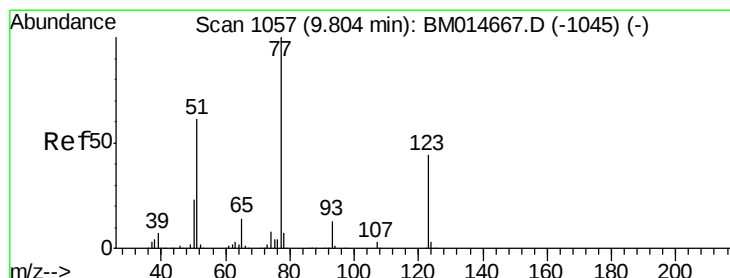
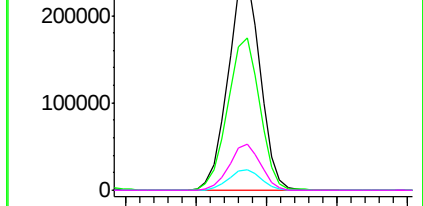
130 21.5 18.2 27.4

Abundance Ion 70.00 (69.70 to 70.70): BM014667.D (-979) (-)

Ion 42.00 (41.70 to 42.70): BM014667.D (-979) (-)

Ion 101.00 (100.70 to 101.70): BM014667.D (-979) (-)

Ion 130.00 (129.70 to 130.70): BM014667.D (-979) (-)



#20

Nitrobenzene

Concen: 16.193 ng/ul

RT: 9.80 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Tgt Ion: 77 Resp: 442242

Ion Ratio Lower Upper

77 100

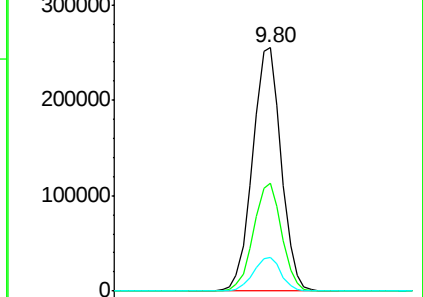
123 44.3 39.0 58.4

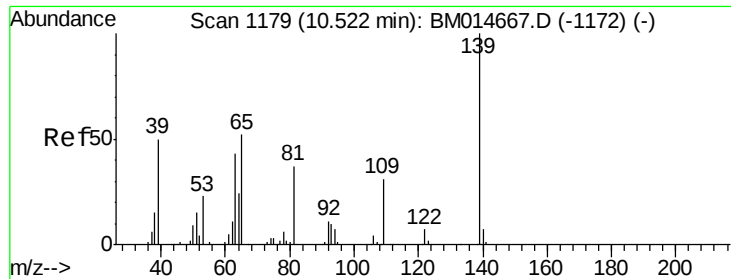
65 14.0 10.4 15.6

Abundance Ion 77.00 (76.70 to 77.70): BM014667.D (-1045) (-)

Ion 123.00 (122.70 to 123.70): BM014667.D (-1045) (-)

Ion 65.00 (64.70 to 65.70): BM014667.D (-1045) (-)

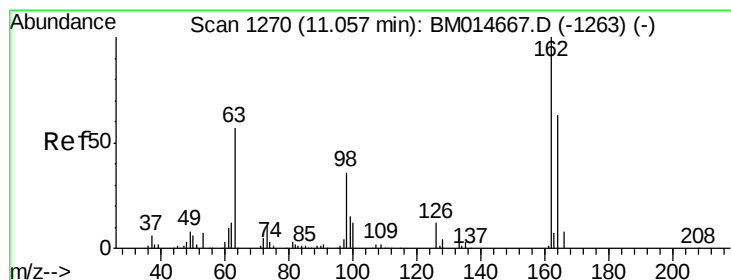
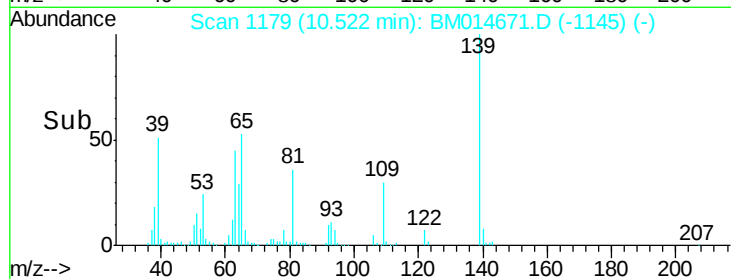
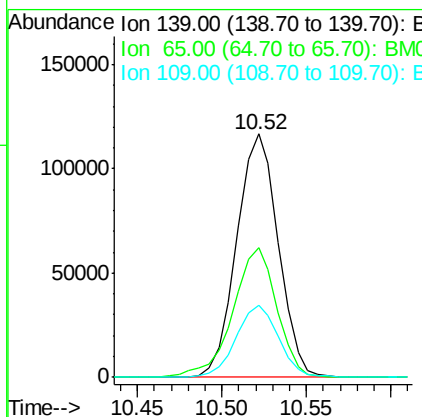
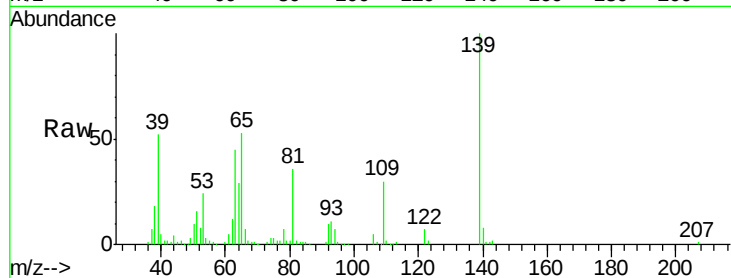




#23
 2-Nitrophenol
 Concen: 17.822 ng/ul
 RT: 10.52 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

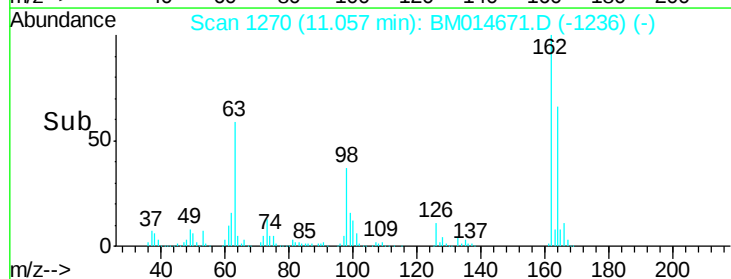
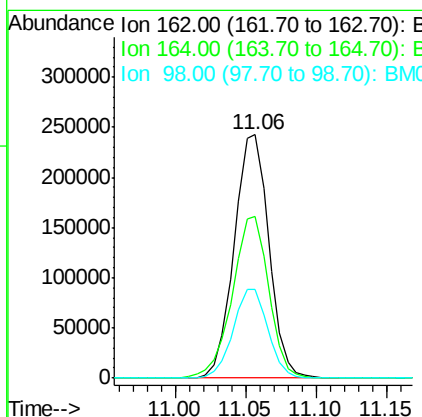
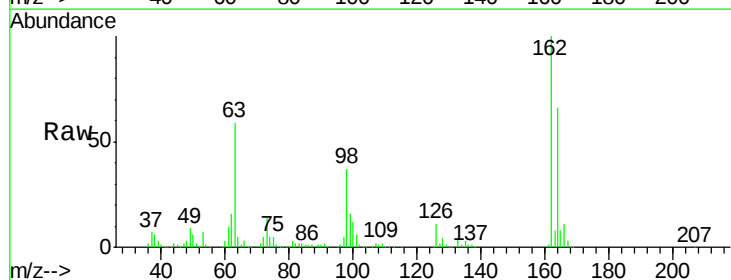
Instrument :
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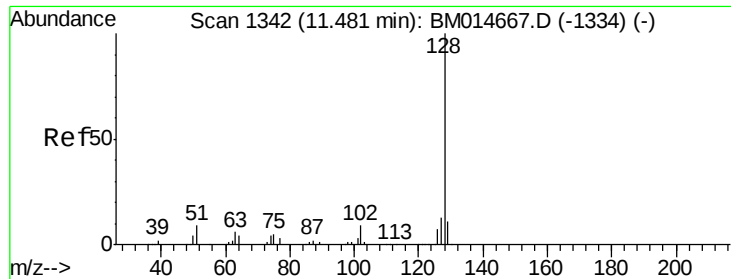
Tot Ion	Ratio	Lower	Upper
139	100		
65	53.5	36.3	54.5
109	29.6	26.4	39.6



#27
 2,4-Dichlorophenol
 Concen: 18.156 ng/ul
 RT: 11.06 min Scan# 1270
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	52.1	78.1
98	36.6	28.4	42.6

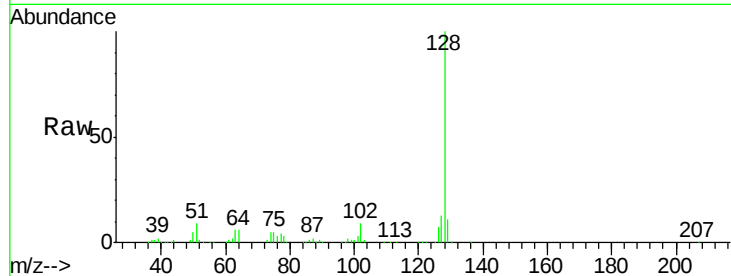




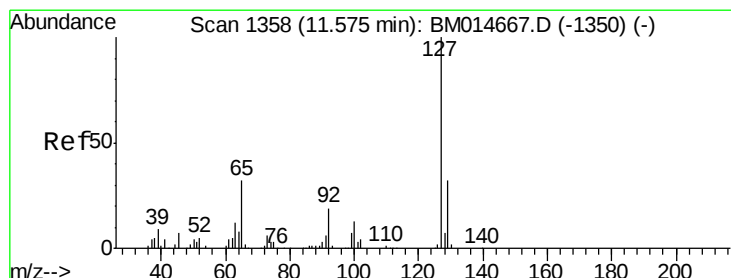
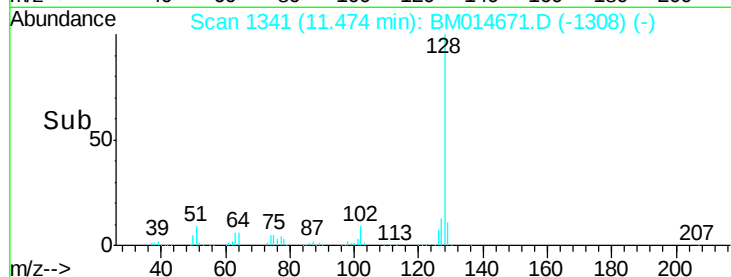
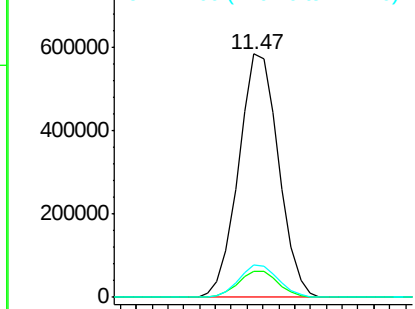
#28
Naphthalene
Concen: 12.613 ng/ul
RT: 11.47 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1024044
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.5 15.7

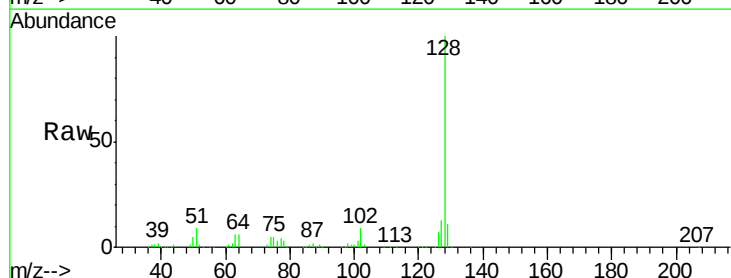


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

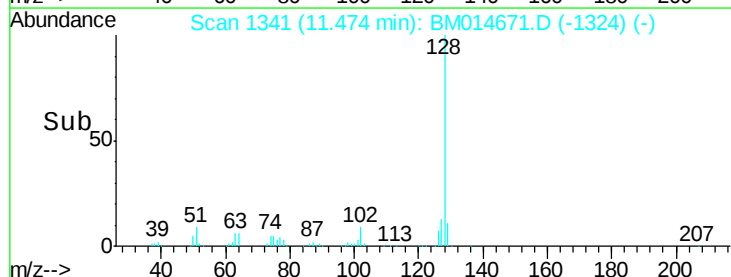
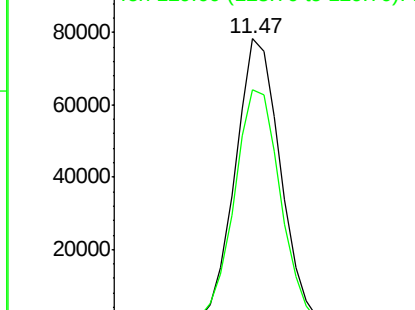


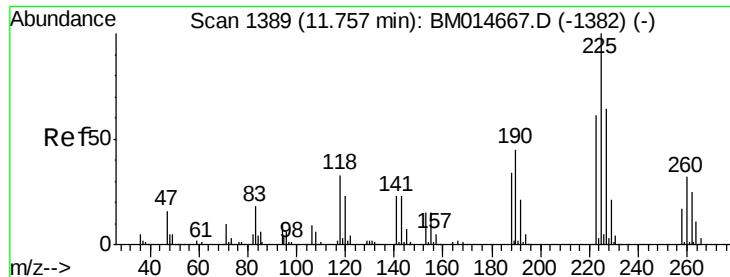
#30
4-Chloroaniline
Concen: 5.057 ng/ul
RT: 11.47 min Scan# 1341
Delta R.T. -0.10 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Tgt Ion:127 Resp: 134373
Ion Ratio Lower Upper
127 100
129 81.8 25.4 38.2#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 18.470 ng/ul

RT: 11.75 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BM014671.D

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Instrument :

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ClientSampleId :

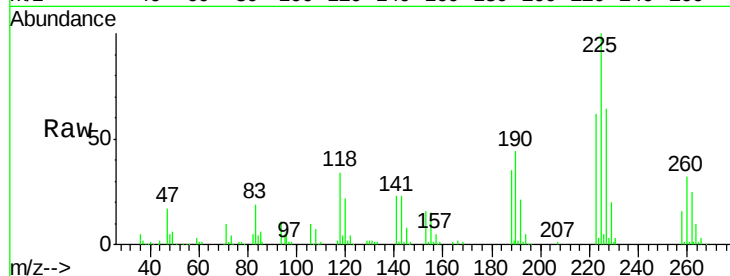
Tot Ion:225 Resp: 284398

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

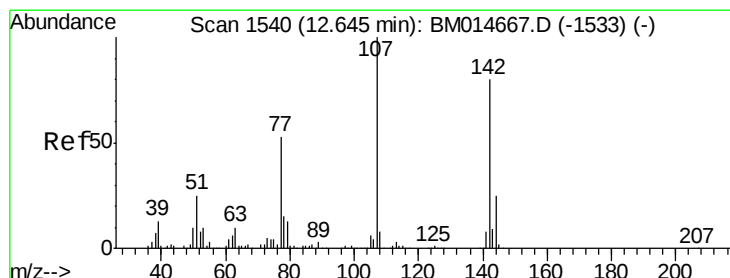
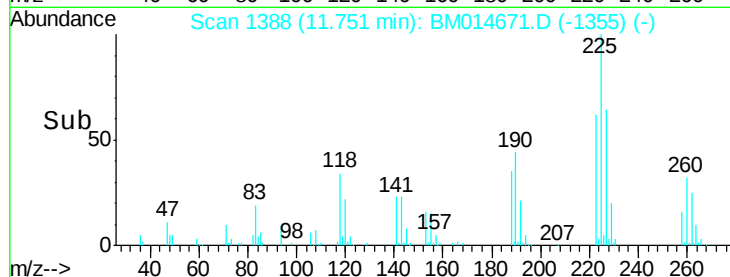
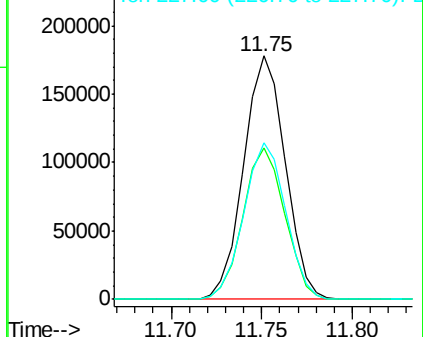
227 64.4 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#33

4-Chloro-3-methylphenol

Concen: 32.877 ng/ul

RT: 12.64 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

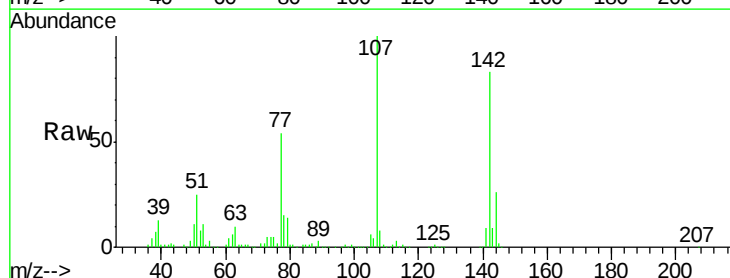
Tgt Ion:107 Resp: 806876

Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

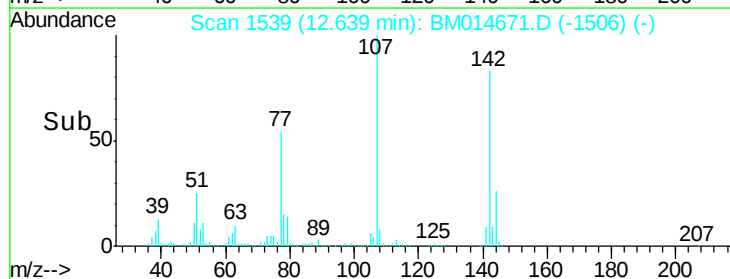
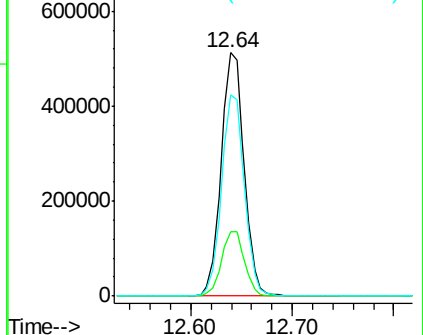
142 82.9 62.5 93.7

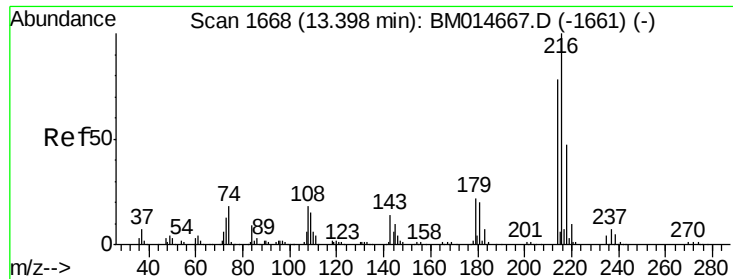


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

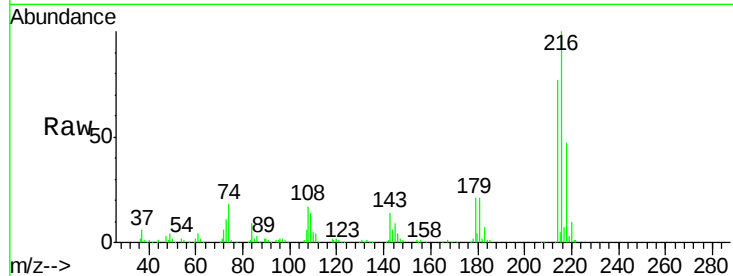




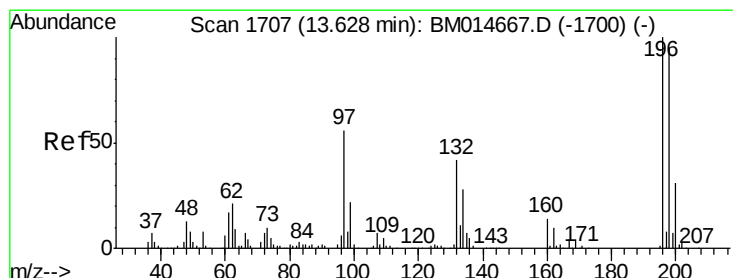
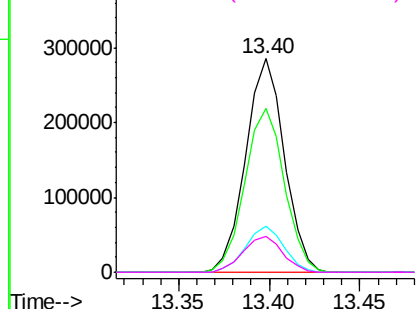
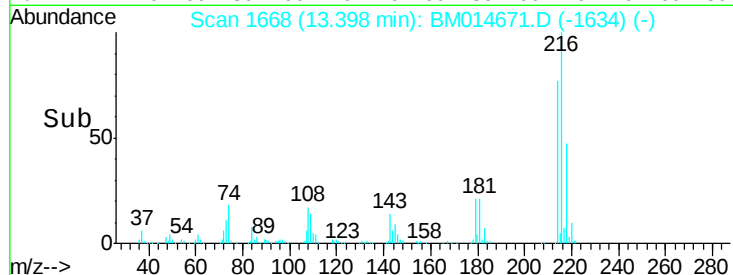
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.969 ng/ul
 RT: 13.40 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	423287
Ion Ratio	Lower	Upper
216 100		
214 76.9	62.5	93.7
179 21.4	18.2	27.2
108 16.7	14.2	21.2

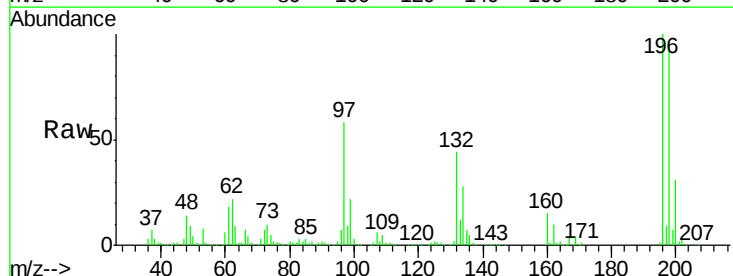


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

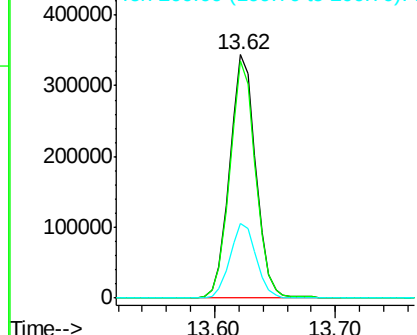
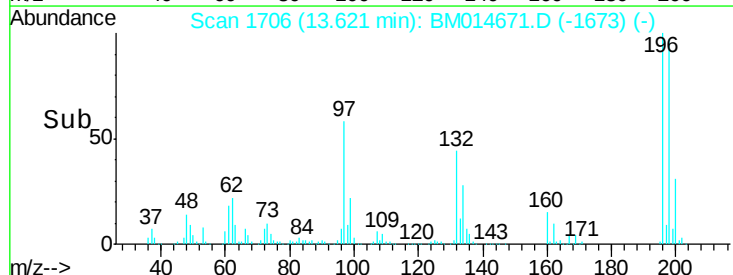


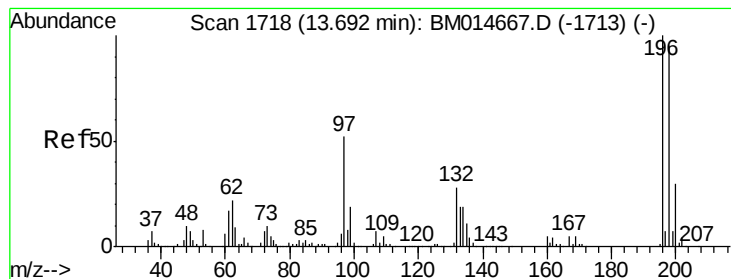
#38
 2,4,6-Trichlorophenol
 Concen: 28.679 ng/ul
 RT: 13.62 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion	196	Resp: Lower	516152 Upper
196	100		
198	97.5	76.6	114.8
200	30.9	24.7	37.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#39

2,4,5-Trichlorophenol

Concen: 27.377 ng/ul

RT: 13.62 min Scan# 1706

Delta R.T. -0.07 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampled :

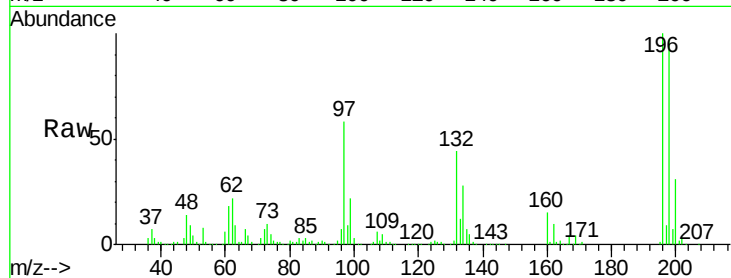
Tot Ion:196 Resp: 516152

Ion Ratio Lower Upper

196 100

198 97.5 76.9 115.3

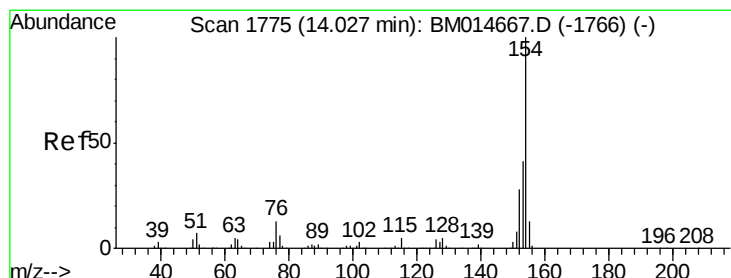
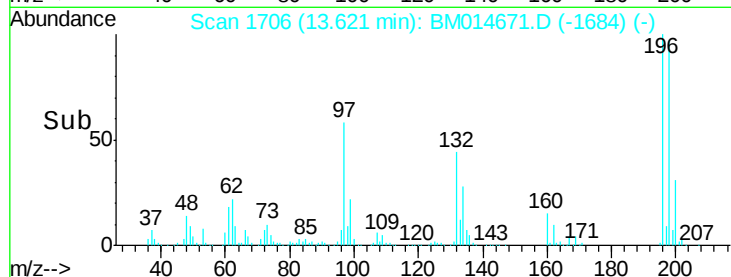
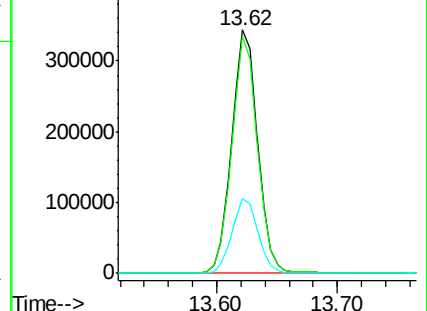
200 30.9 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40

1,1'-Biphenyl

Concen: 19.369 ng/ul

RT: 14.02 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

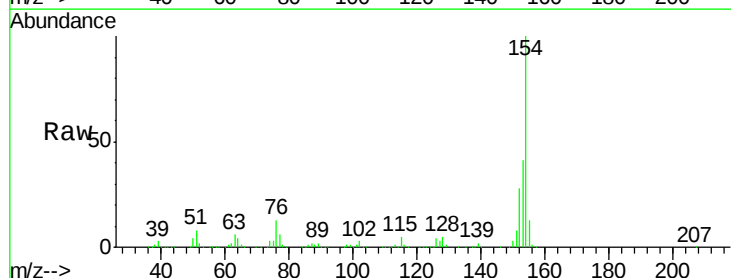
Tgt Ion:154 Resp: 1480715

Ion Ratio Lower Upper

154 100

153 40.6 32.1 48.1

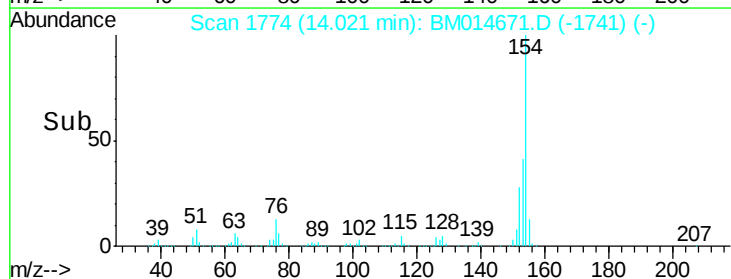
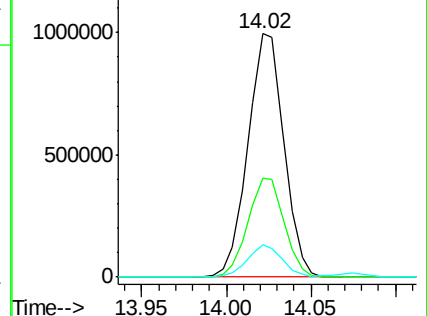
76 13.3 9.5 14.3

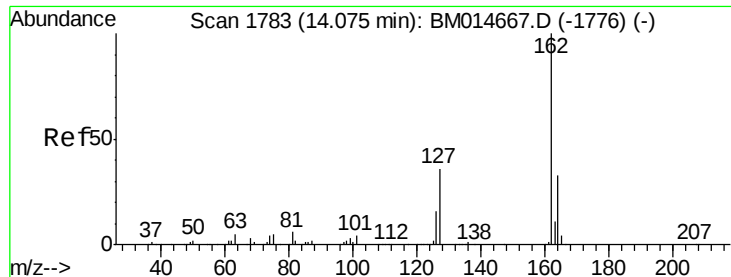


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

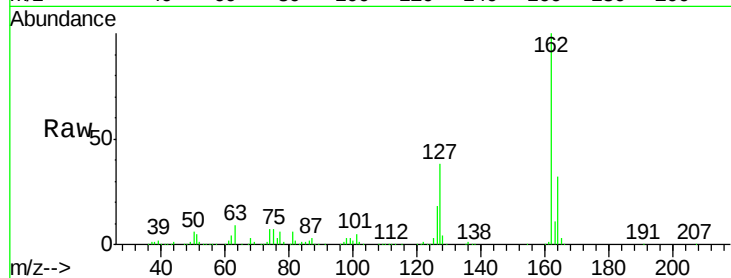




#41
2-Chloronaphthalene
Concen: 11.882 ng/ul
RT: 14.07 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	25.9	38.9
127	38.1	34.1	51.1

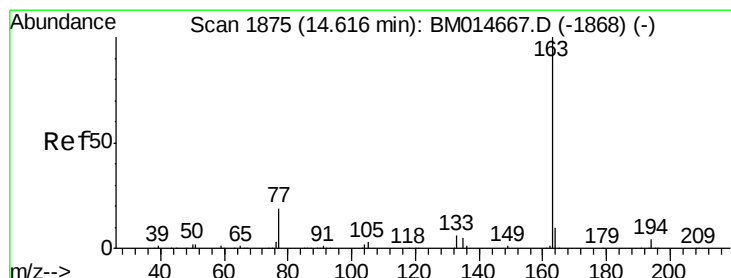
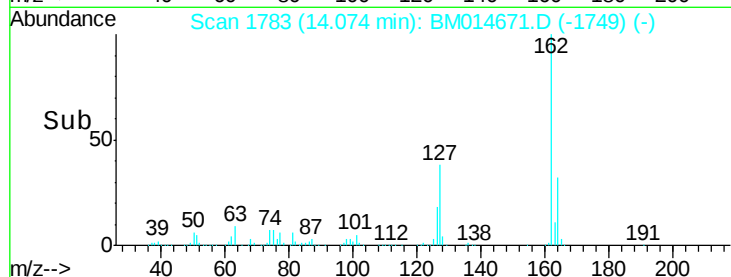
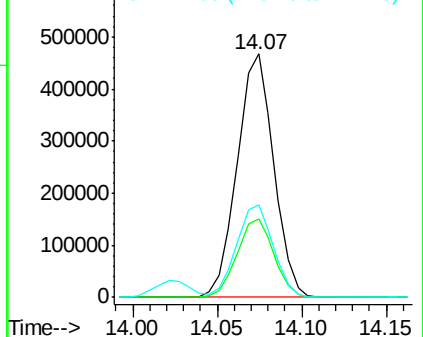


Abundance

Ion 162.00 (161.70 to 162.70): E

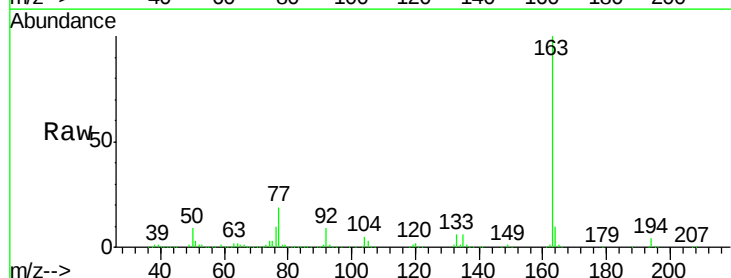
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44
Dimethylphthalate
Concen: 22.118 ng/ul
RT: 14.62 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	7.8	11.8

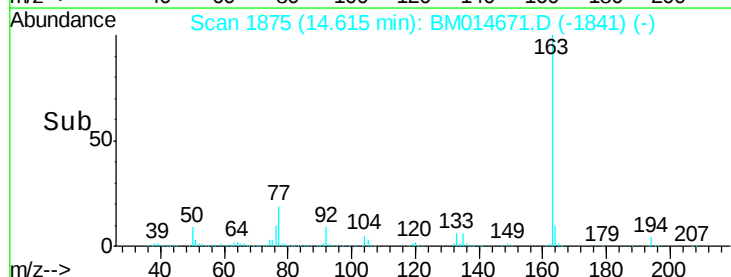
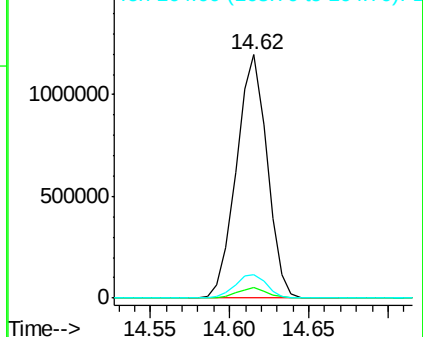


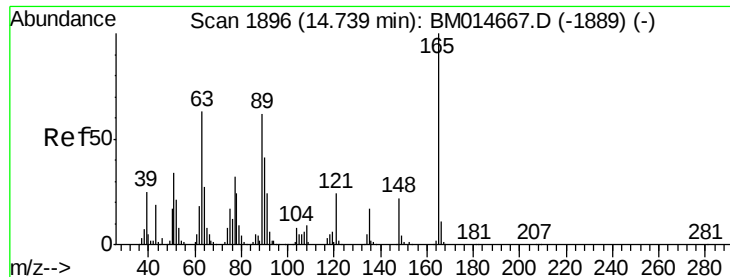
Abundance

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

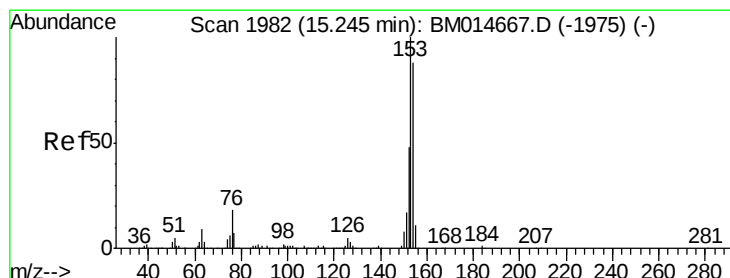
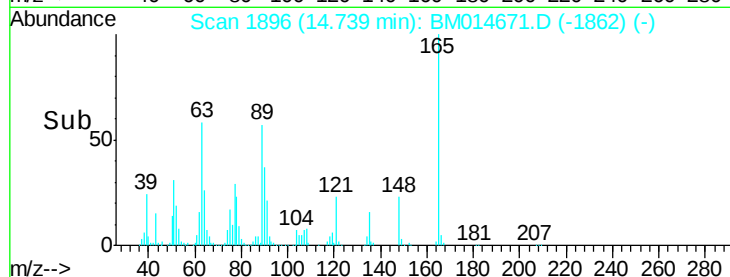
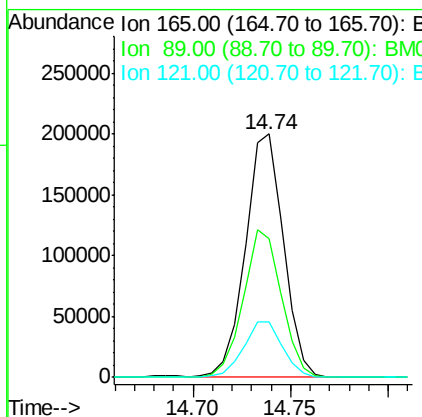
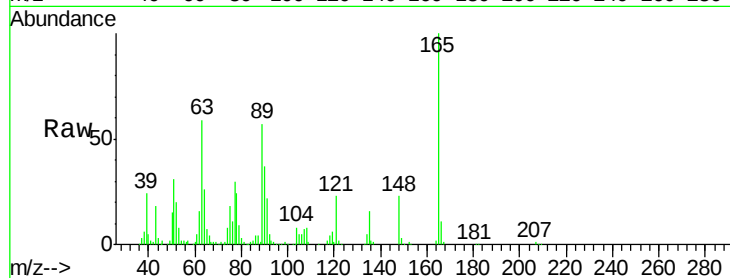




#45
 2,6-Dinitrotoluene
 Concen: 23.089 ng/ul
 RT: 14.74 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

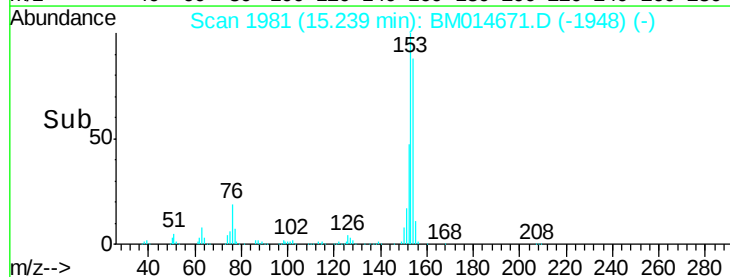
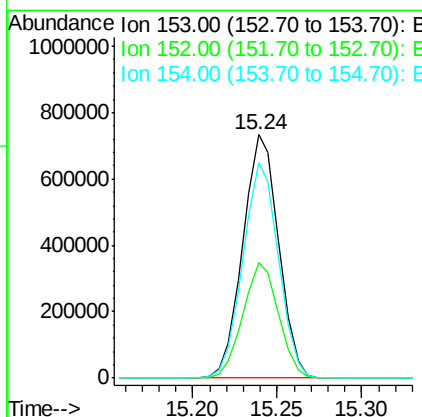
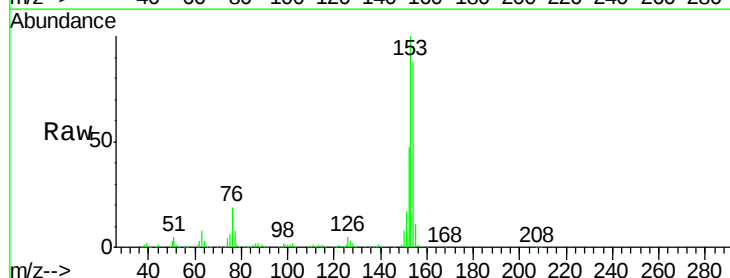
Instrument :
 BNA_M
 ClientSampled :

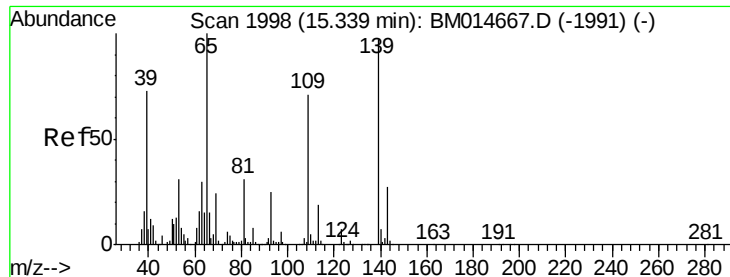
Tot Ion	165	Resp	271009
Ion Ratio	Lower	Upper	
165	100		
89	56.8	42.4	63.6
121	22.9	16.6	24.8



#49
 Acenaphthene
 Concen: 17.088 ng/ul
 RT: 15.24 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion	153	Resp	1084035
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.3	57.5
154	88.3	71.8	107.8





#52

4-Nitrophenol

Concen: 23.956 ng/ul

RT: 15.34 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

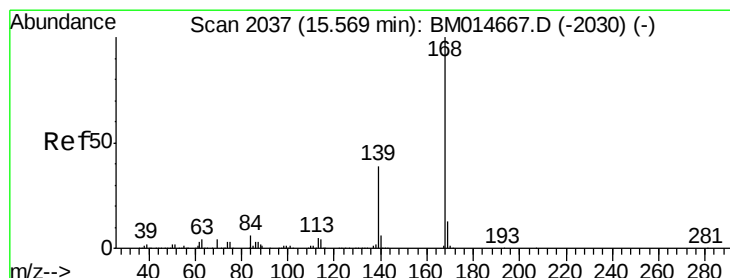
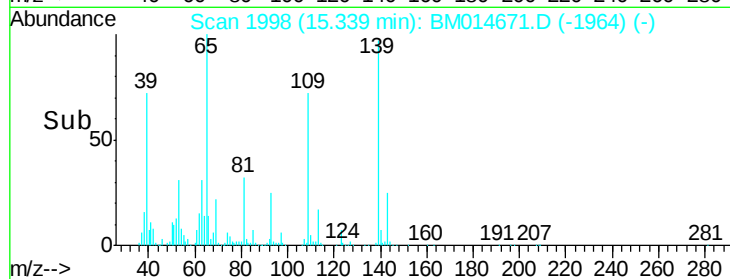
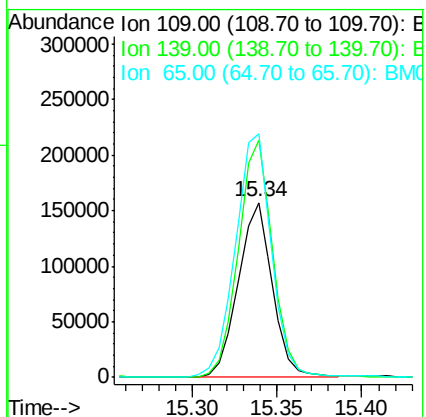
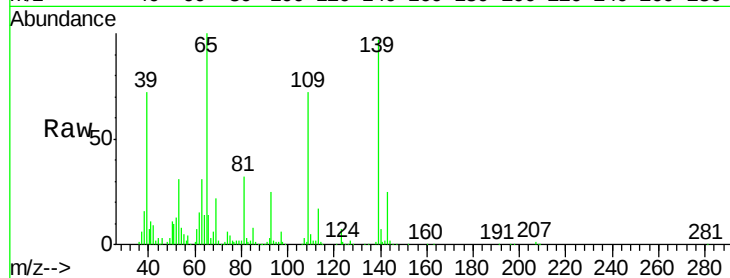
Tot Ion:109 Resp: 222900

Ion Ratio Lower Upper

109 100

139 135.4 103.7 155.5

65 139.1 89.4 134.2#



#53

Dibenzofuran

Concen: 14.904 ng/ul

RT: 15.57 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BM014671.D

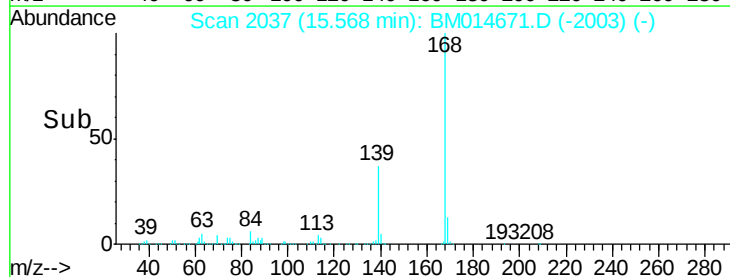
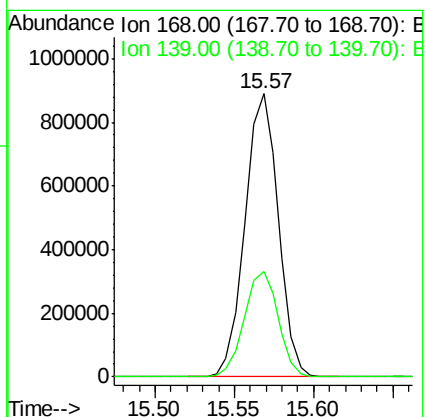
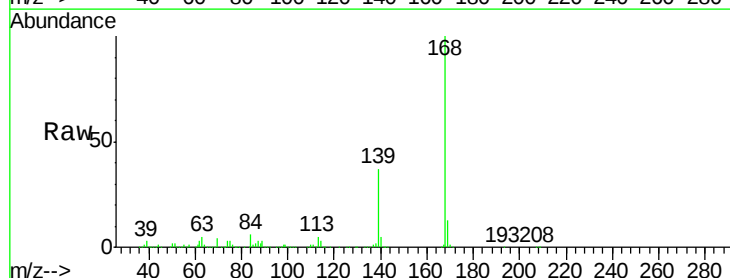
Acq: 04 Apr 2018 15:53

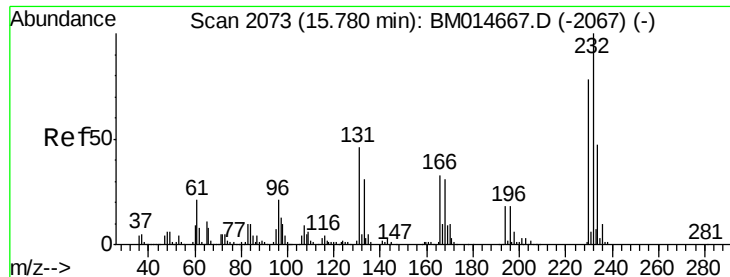
Tgt Ion:168 Resp: 1297469

Ion Ratio Lower Upper

168 100

139 37.3 32.2 48.2

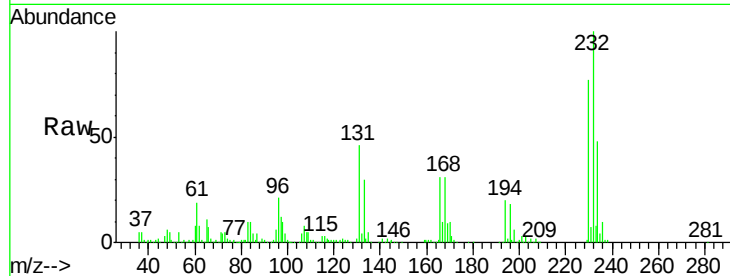




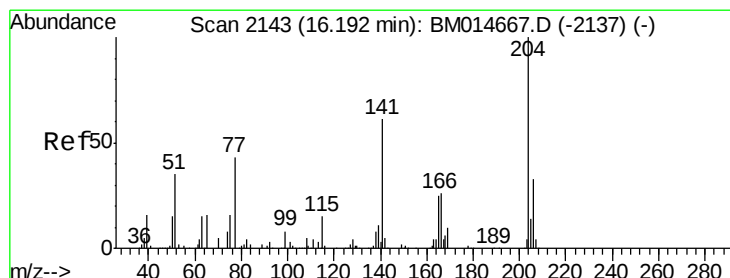
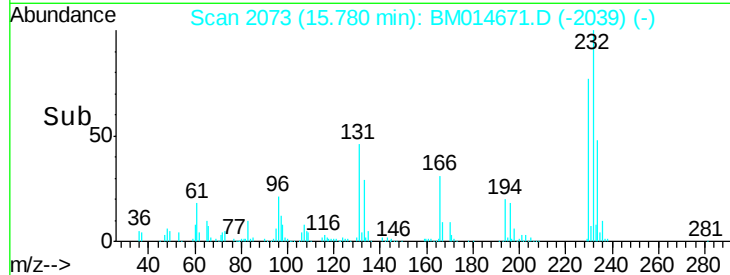
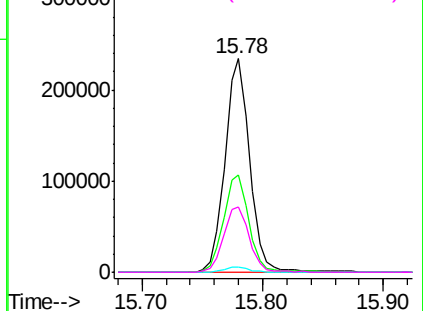
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.755 ng/ul
 RT: 15.78 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	332892
Ion	Ratio	Lower	Upper
232	100		
131	45.6	39.4	59.2
130	2.3	2.2	3.2
166	30.7	26.6	39.8

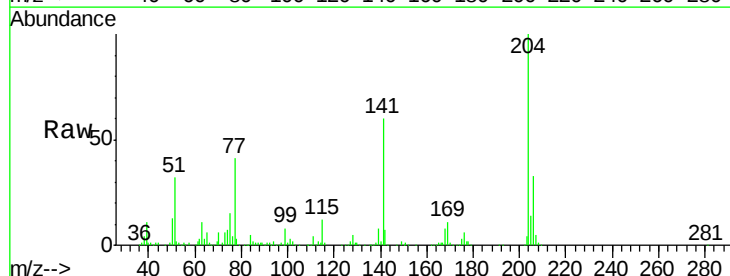


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

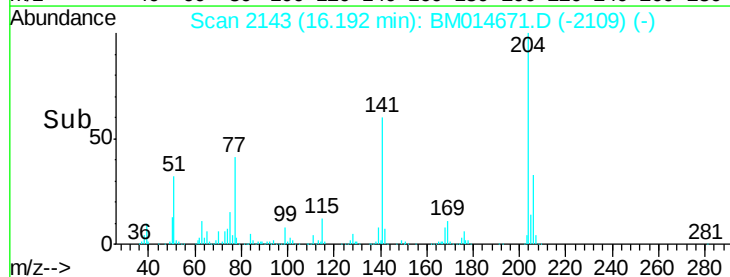
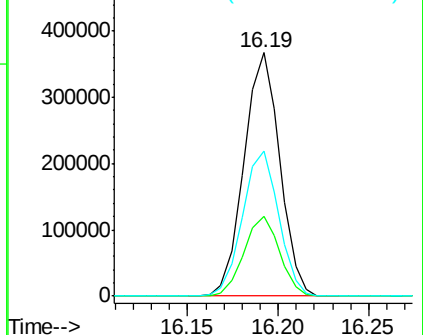


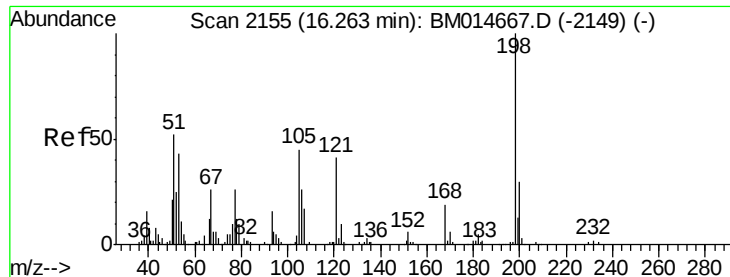
#59
 4-Chlorophenyl-phenylether
 Concen: 13.882 ng/ul
 RT: 16.19 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion:	204	Resp:	504214
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.4
141	59.8	54.6	81.8



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

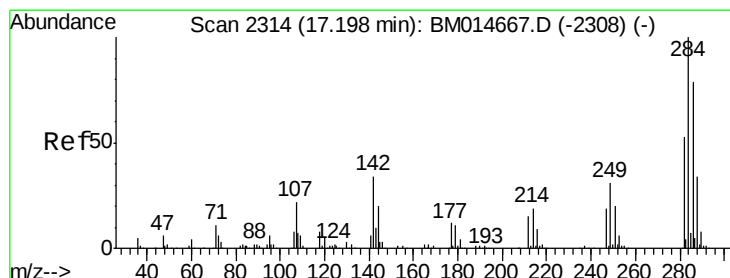
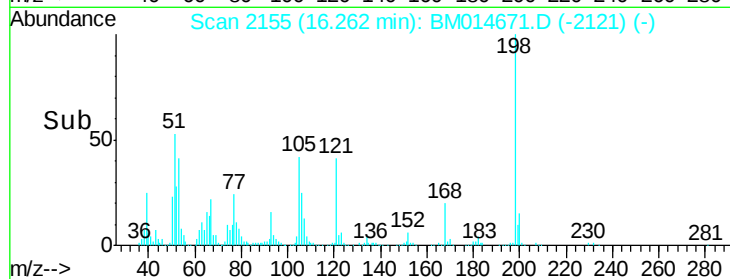
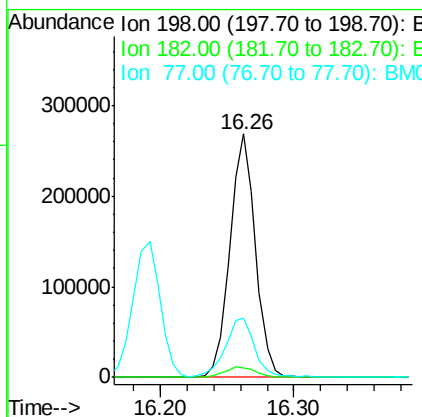
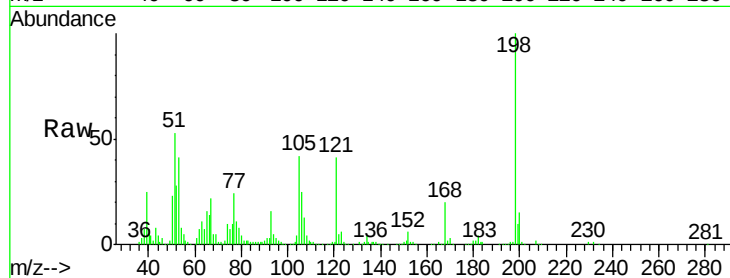




#63
 4,6-Dinitro-2-methylphenol
 Concen: 36.250 ng/ul
 RT: 16.26 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

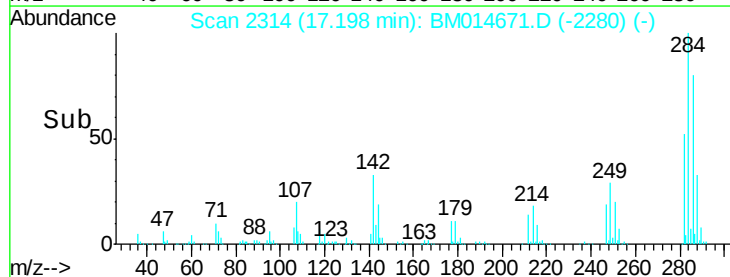
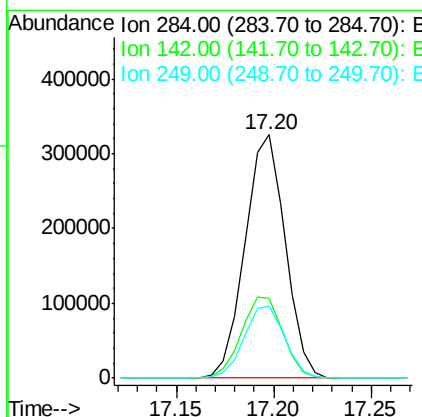
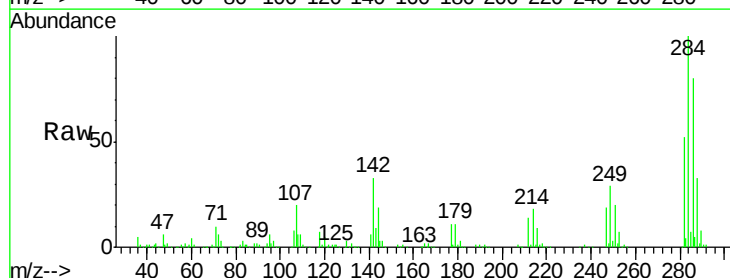
Instrument :
 BNA_M
 ClientSampleId :

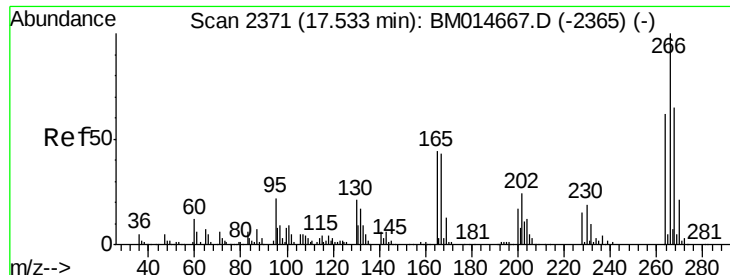
Tot Ion:198 Resp: 357944
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.1 4.7
 77 24.5 20.1 30.1



#66
 Hexachlorobenzene
 Concen: 17.294 ng/ul
 RT: 17.20 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion:284 Resp: 464552
 Ion Ratio Lower Upper
 284 100
 142 32.8 33.1 49.7#
 249 29.4 27.1 40.7

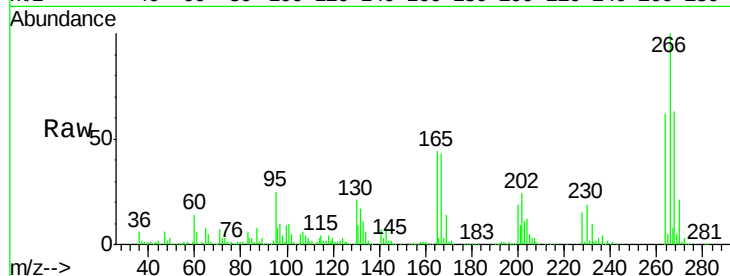




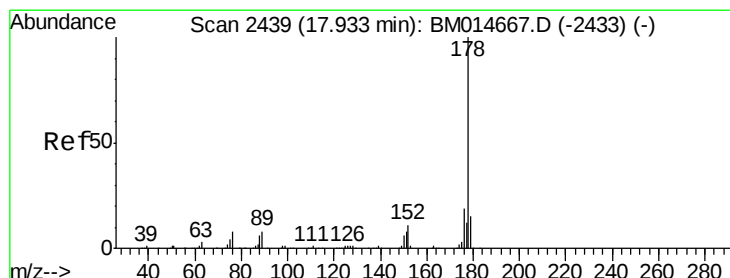
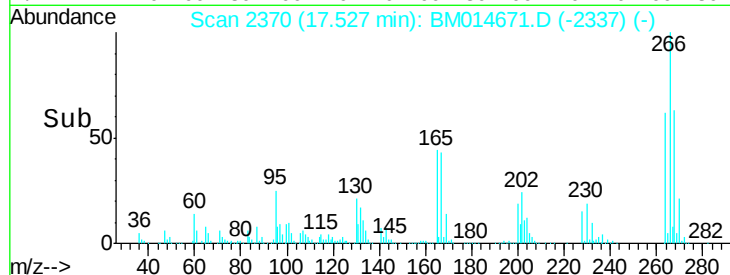
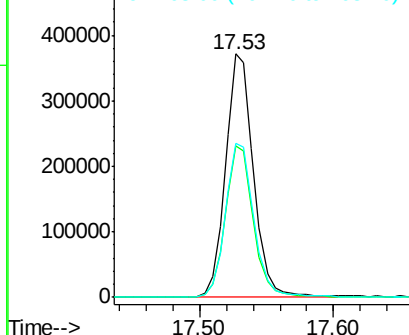
#68
 Pentachlorophenol
 Concen: 38.588 ng/ul
 RT: 17.53 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 544756
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.5 75.7
 268 63.3 50.9 76.3

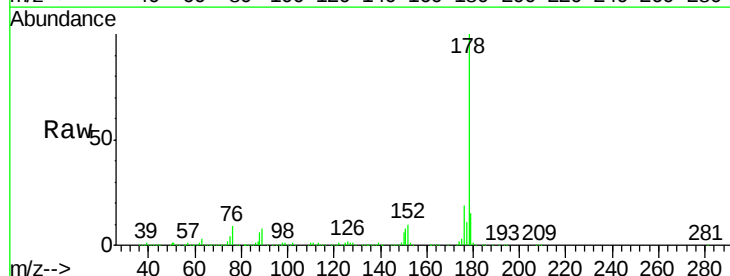


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

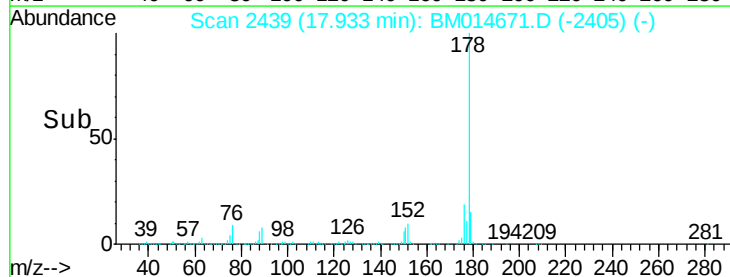
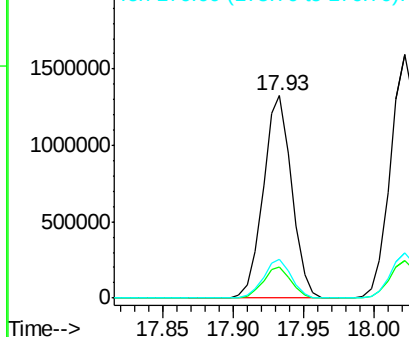


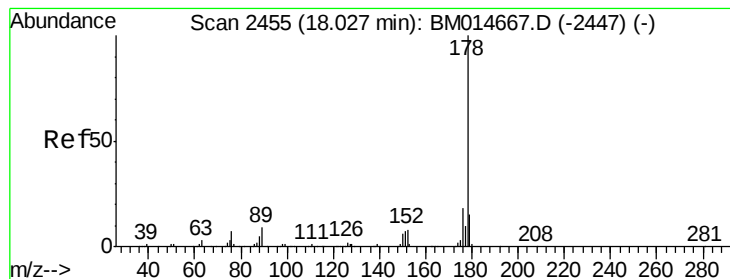
#69
 Phenanthrene
 Concen: 16.291 ng/ul
 RT: 17.93 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion:178 Resp: 1870335
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.4
 176 18.9 15.6 23.4



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: 18.922 ng/ul

RT: 18.02 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

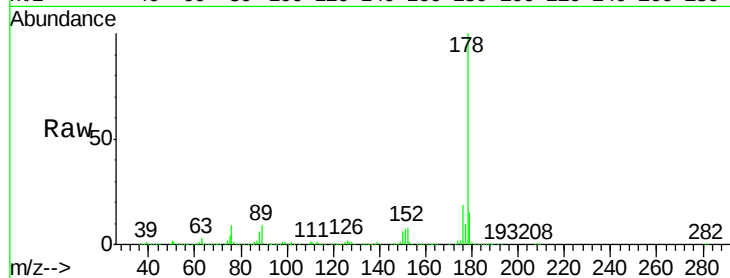
Tot Ion:178 Resp: 2211813

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

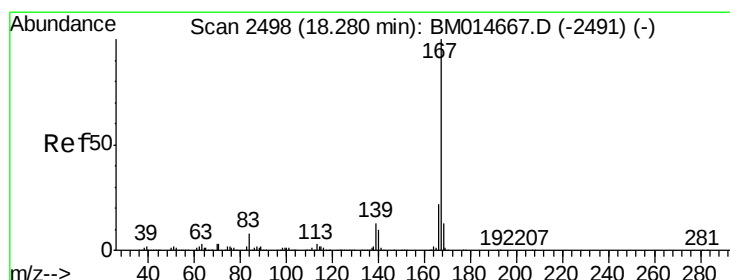
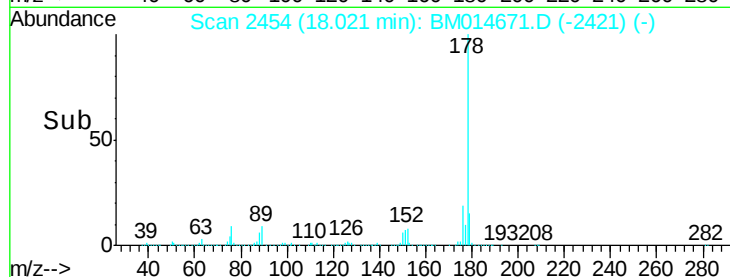
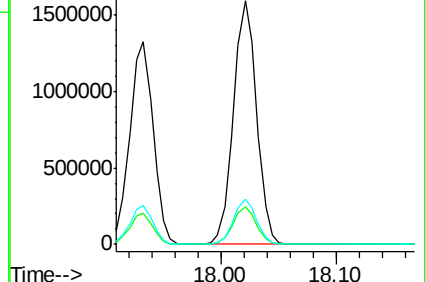
176 18.7 14.8 22.2



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



#74

Carbazole

Concen: 20.967 ng/ul

RT: 18.27 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

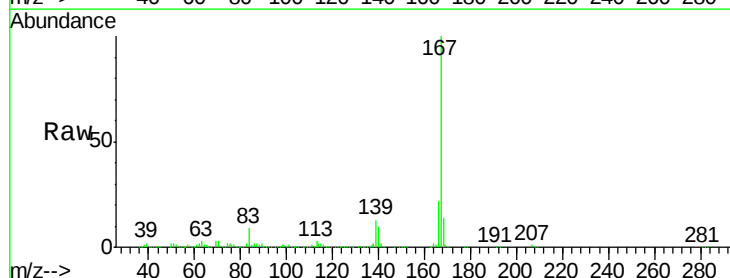
Tgt Ion:167 Resp: 2029086

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

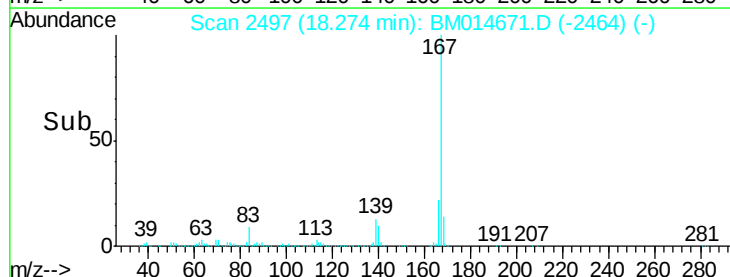
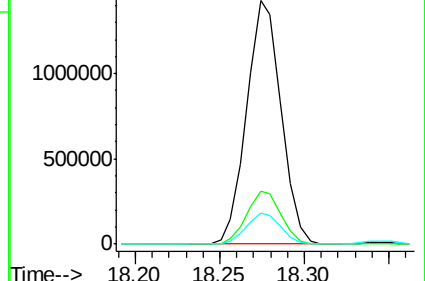
139 12.9 11.0 16.4

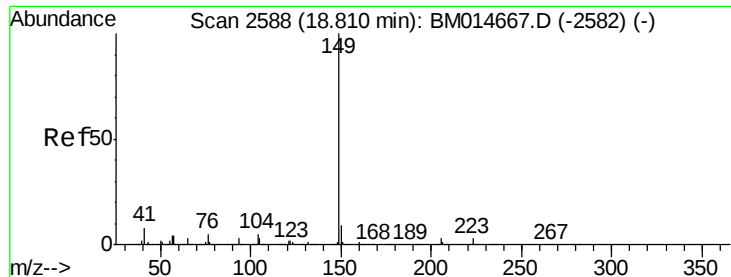


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

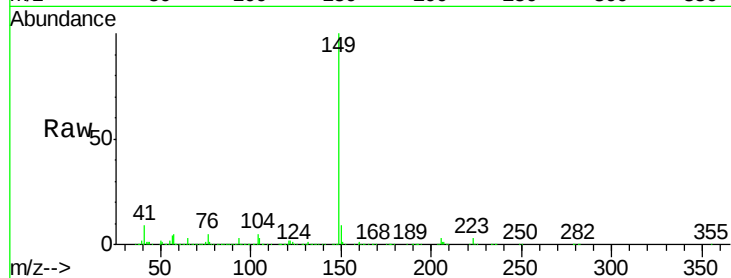




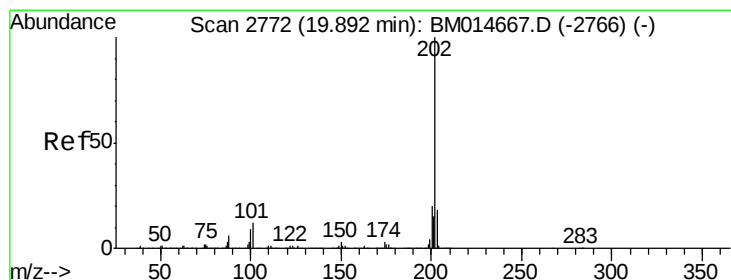
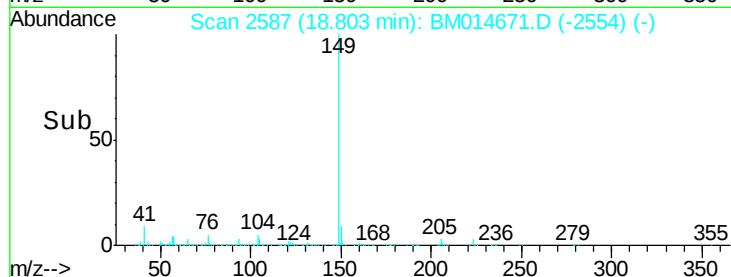
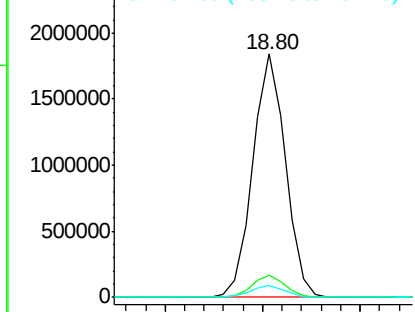
#75
Di-n-butylphthalate
Concen: 17.748 ng/ul
RT: 18.80 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2132203
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.0 6.0

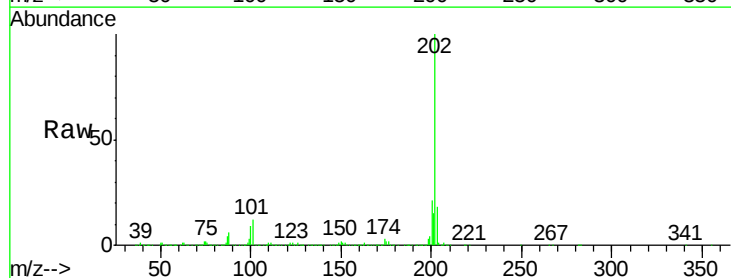


Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

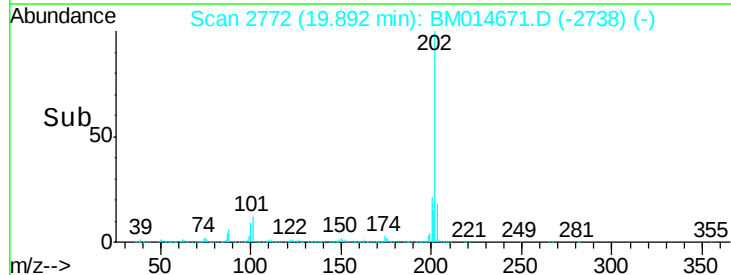
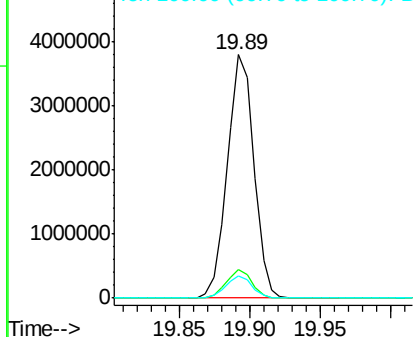


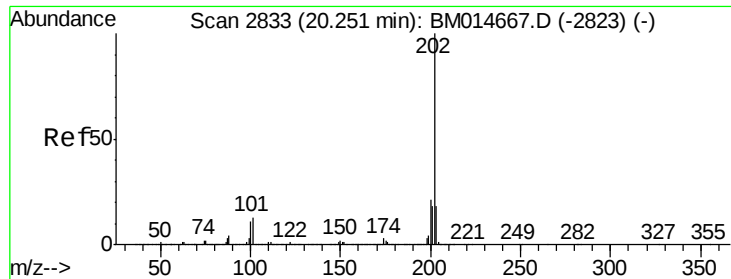
#76
Fluoranthene
Concen: 41.597 ng/ul
RT: 19.89 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Tgt Ion:202 Resp: 4939328
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.9 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

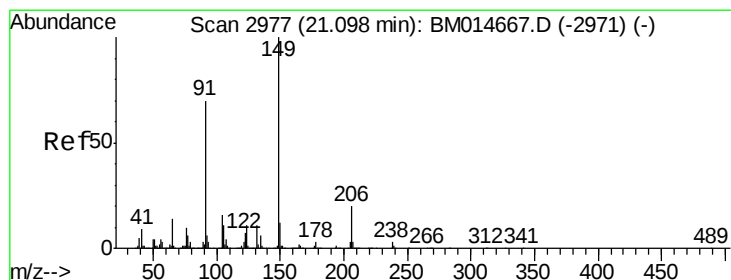
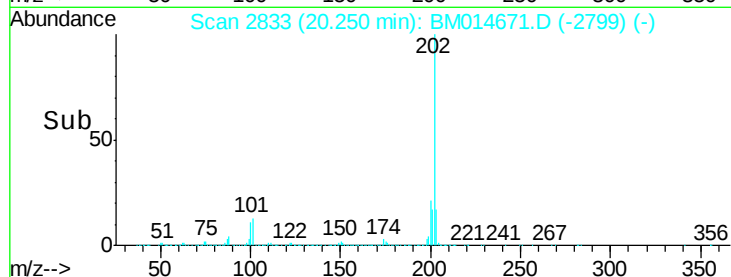
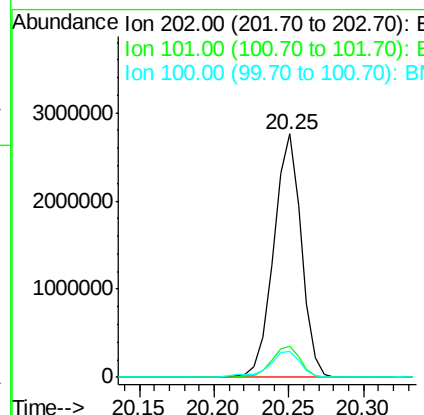
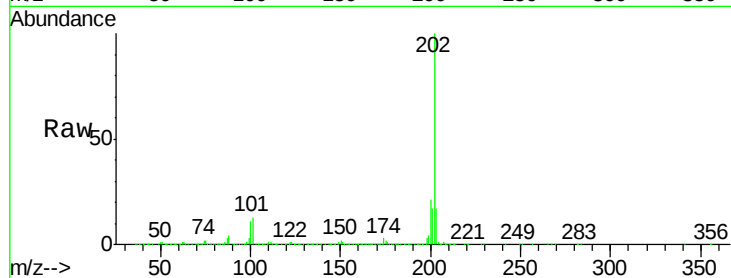




#79
Pvrene
Concen: 24.209 ng/ul
RT: 20.25 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

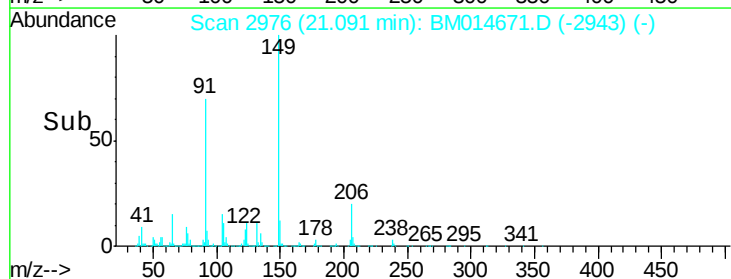
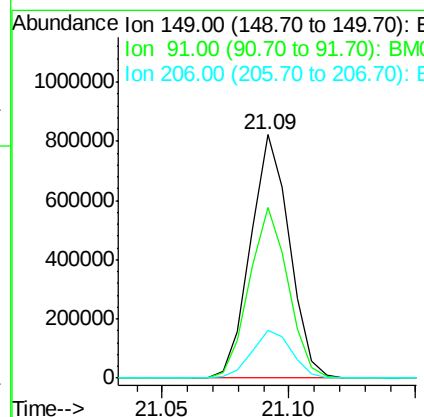
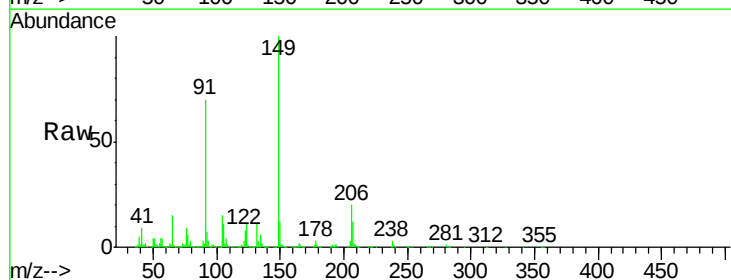
Instrument :
BNA_M
ClientSampleId :

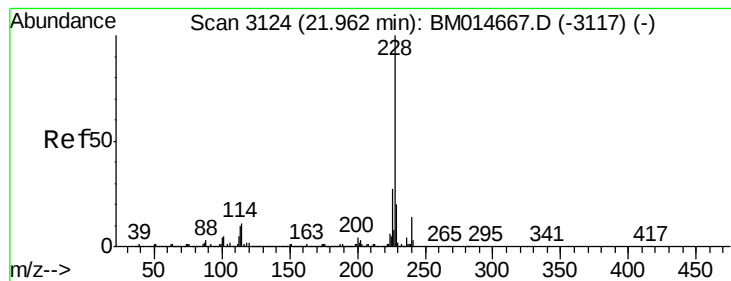
Tot Ion:202 Resp: 3540070
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 10.9 8.5 12.7



#80
Butylbenzylphthalate
Concen: 17.143 ng/ul
RT: 21.09 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Tgt Ion:149 Resp: 877388
Ion Ratio Lower Upper
149 100
91 70.3 53.4 80.2
206 19.8 16.6 24.8





#82

Benzo(a)anthracene

Concen: 32.113 ng/ul

RT: 21.96 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

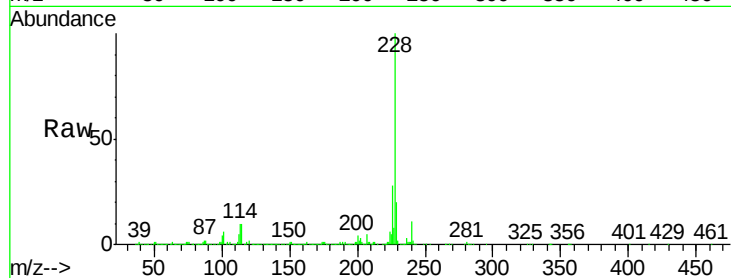
Tot Ion:228 Resp: 4407235

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.6	21.8	32.6

228 100

229 19.9 15.7 23.5

226 27.6 21.8 32.6

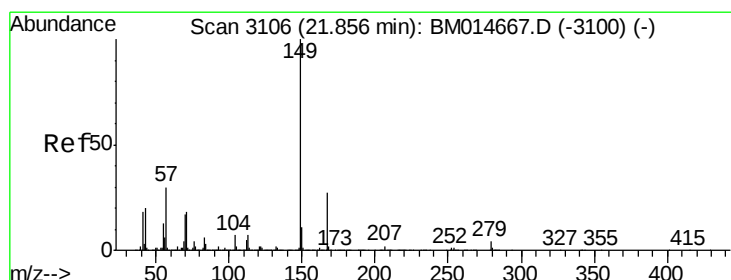
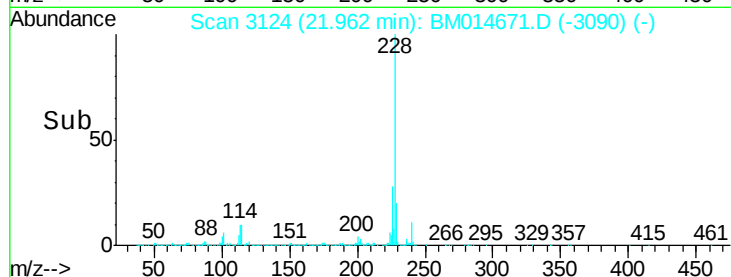
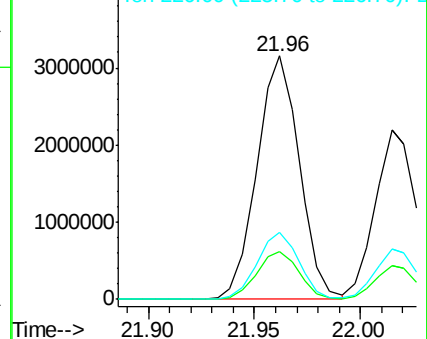


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 21.685 ng/ul

RT: 21.85 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

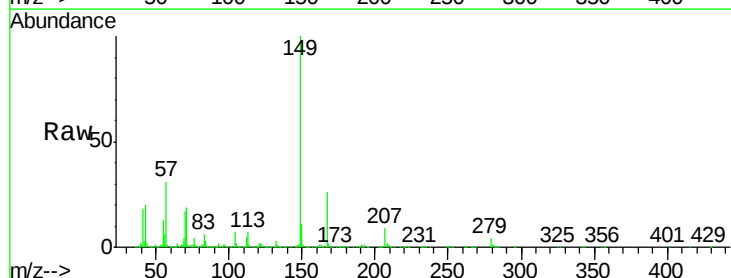
Tgt Ion:149 Resp: 1655093

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.6	32.4
279	4.1	3.0	4.4

149 100

167 26.5 21.6 32.4

279 4.1 3.0 4.4

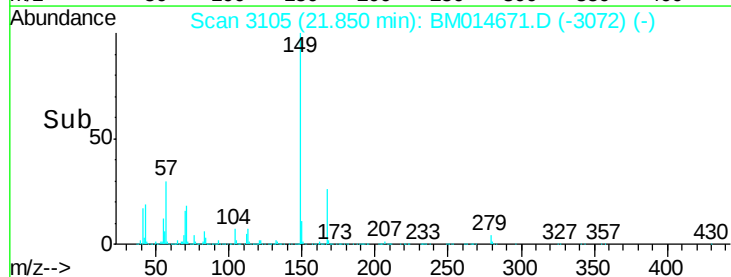
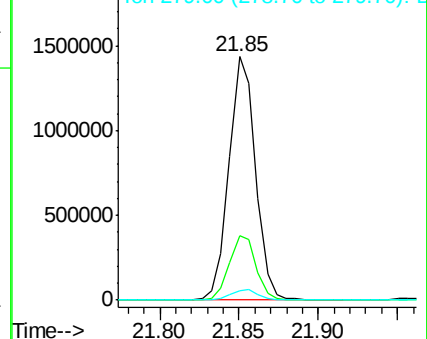


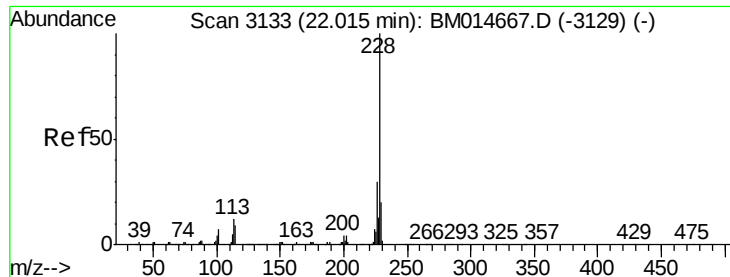
Abundance

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





#84

Chrysene

Concen: 22.791 ng/ul

RT: 22.01 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampleId :

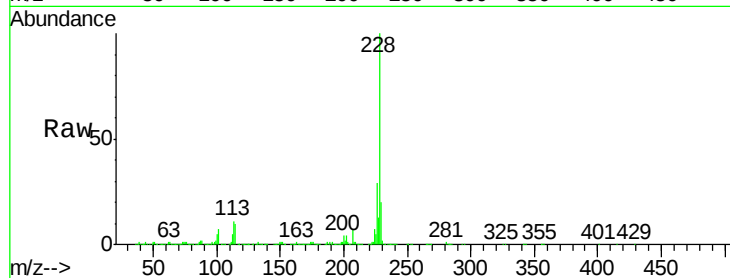
Tot Ion:228 Resp: 2921133

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.7	15.6	23.4

228 100

226 29.5 24.0 36.0

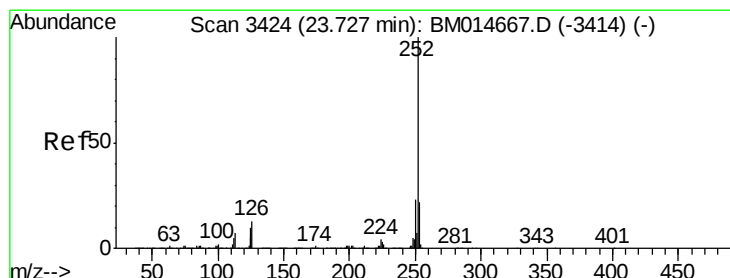
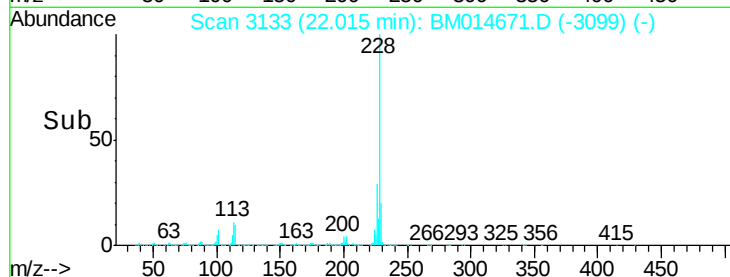
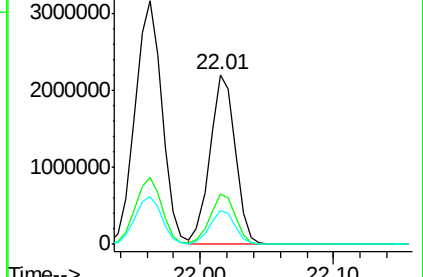
229 19.7 15.6 23.4



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



#87

Benzo(b)fluoranthene

Concen: 23.041 ng/ul

RT: 23.73 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

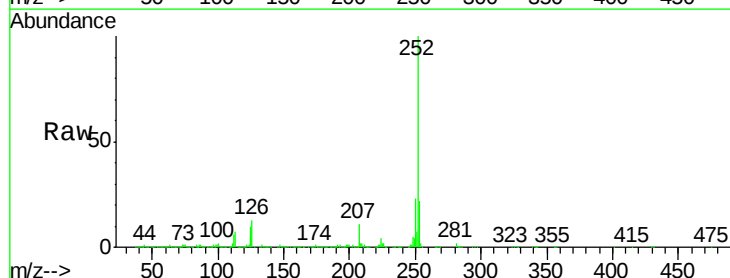
Tgt Ion:252 Resp: 3136954

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.2	8.5	12.7

252 100

253 21.9 17.5 26.3

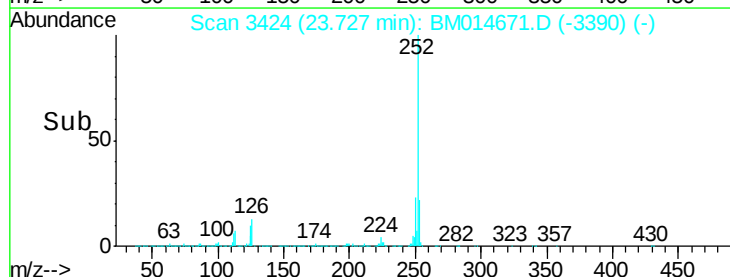
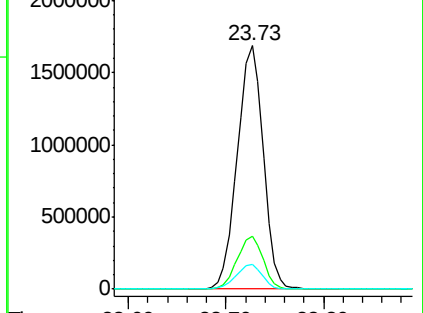
125 10.2 8.5 12.7

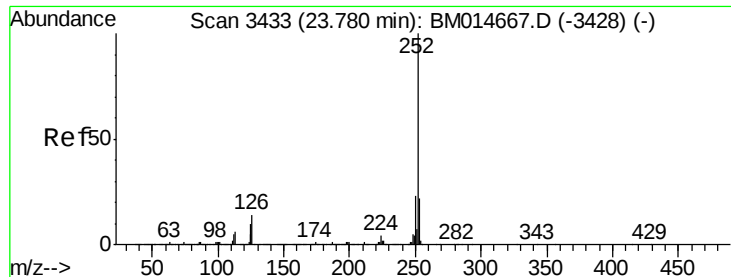


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 23.942 ng/ul

RT: 23.73 min Scan# 3424

Delta R.T. -0.05 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Instrument :

BNA_M

ClientSampled :

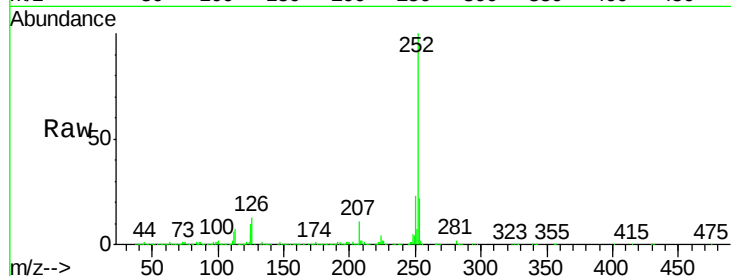
Tot Ion:252 Resp: 3136954

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

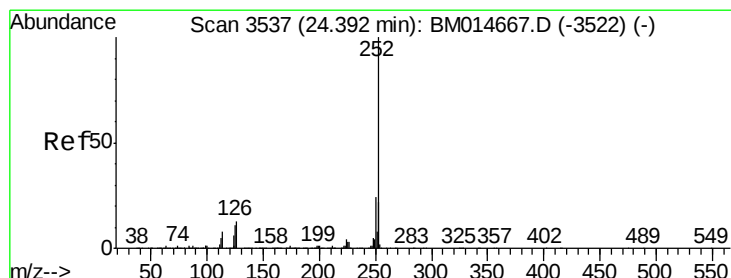
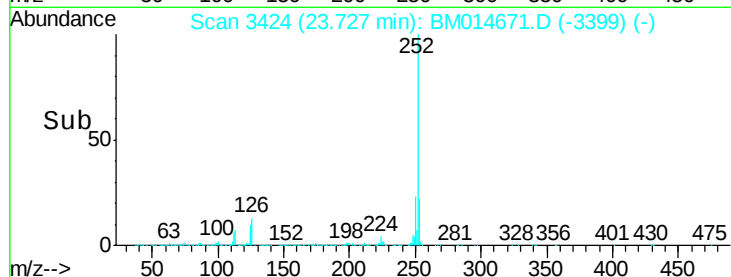
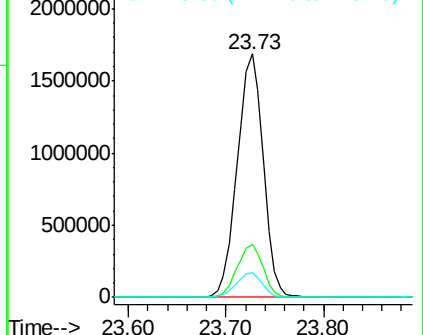
125 10.2 8.2 12.2



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



#90

Benzo(a)pyrene

Concen: 21.604 ng/ul

RT: 24.39 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

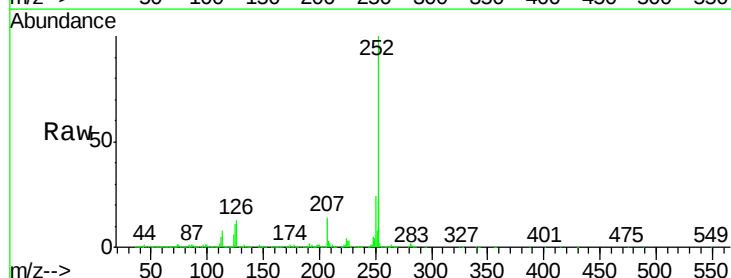
Tgt Ion:252 Resp: 2752974

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

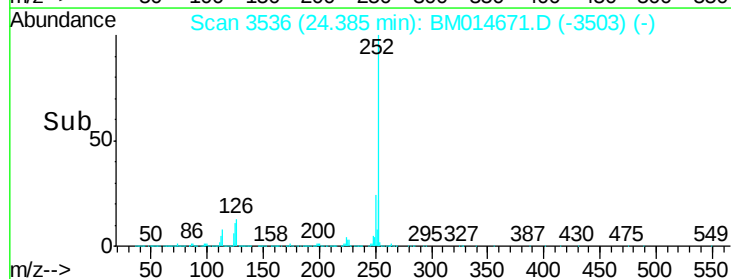
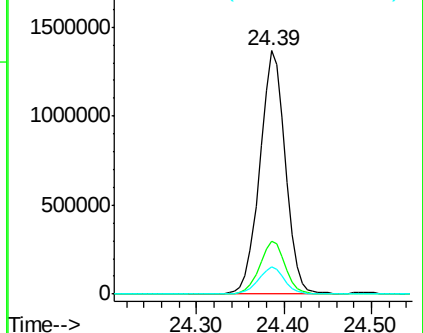
125 11.2 9.0 13.6

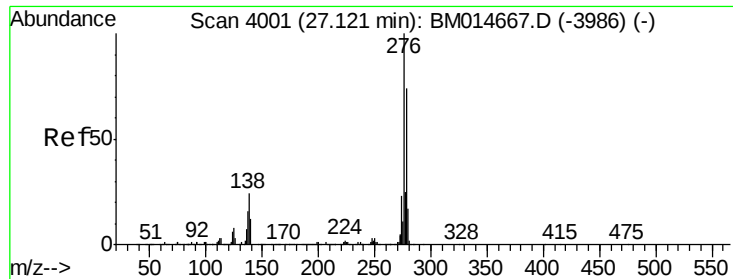


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



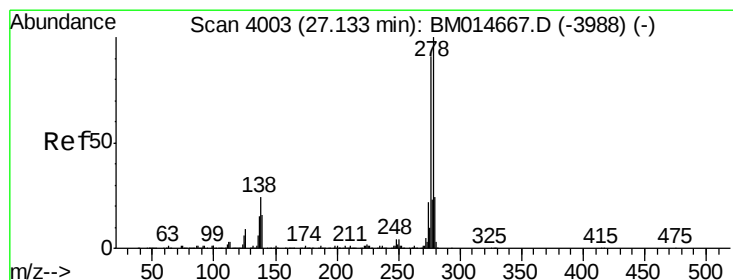
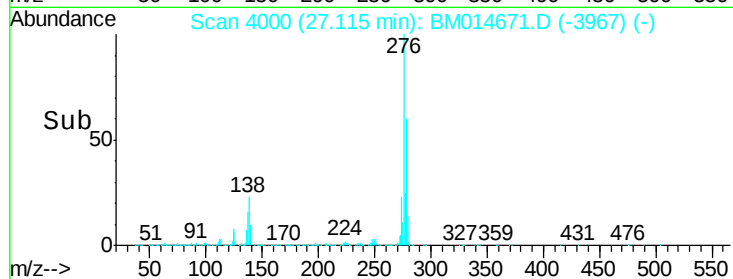
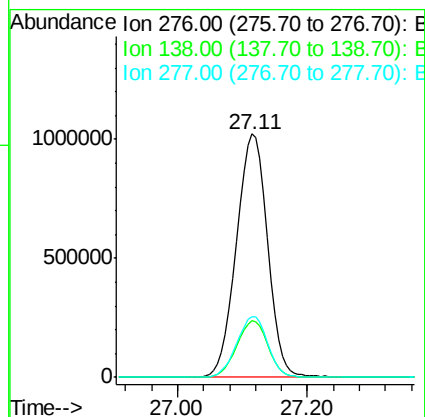
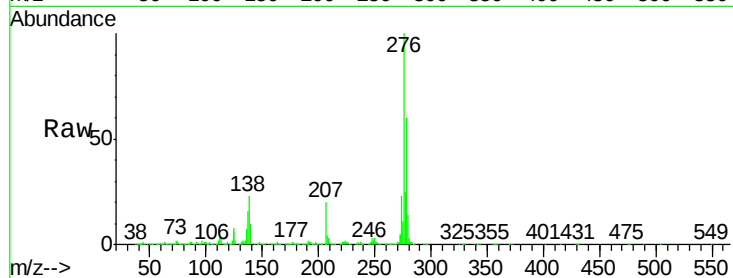


#91

Indeno(1,2,3-cd)pyrene
Concen: 23.790 ng/ul
RT: 27.11 min Scan# 4000
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 3399813
Ion Ratio Lower Upper
276 100
138 23.2 22.3 33.5
277 25.0 20.2 30.2



#92

Dibenzo(a,h)anthracene
Concen: 18.449 ng/ul
RT: 27.13 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Tgt Ion:278 Resp: 2210939
Ion Ratio Lower Upper
278 100
139 16.5 13.9 20.9
279 23.5 19.0 28.4

