

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 :
 X2C45

Quant Time: Apr 05 02:10:20 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
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
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
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

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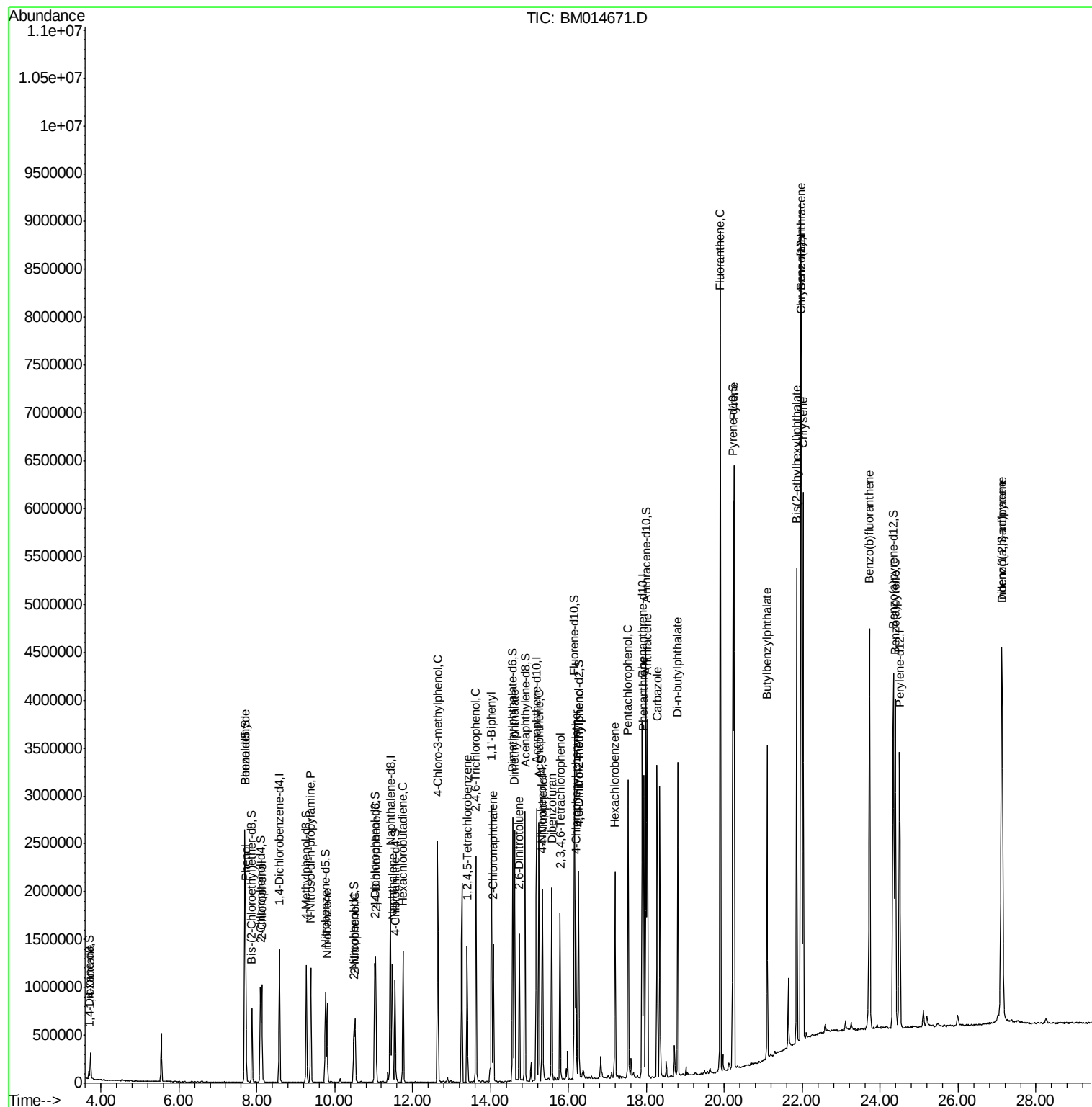
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	17.20	284	464552	17.294	ng/ul#	89
68) Pentachlorophenol	17.53	266	544756	38.588	ng/ul	99
69) Phenanthrene	17.93	178	1870335	16.291	ng/ul	99
71) Anthracene	18.02	178	2211813	18.922	ng/ul	99
74) Carbazole	18.27	167	2029086	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) Pyrene	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
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

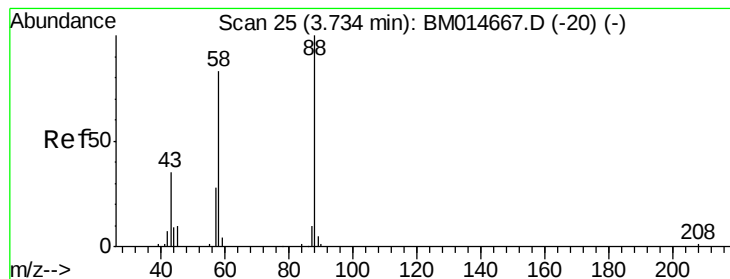
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

X2C45

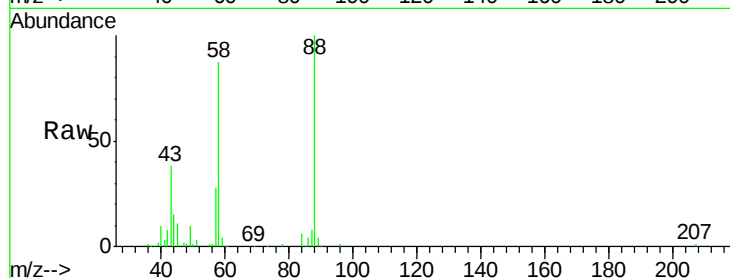
Tot Ion: 88 Resp: 134030

Ion Ratio Lower Upper

88 100

43 36.8 32.0 48.0

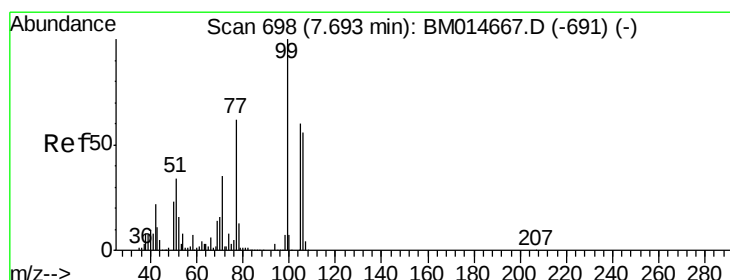
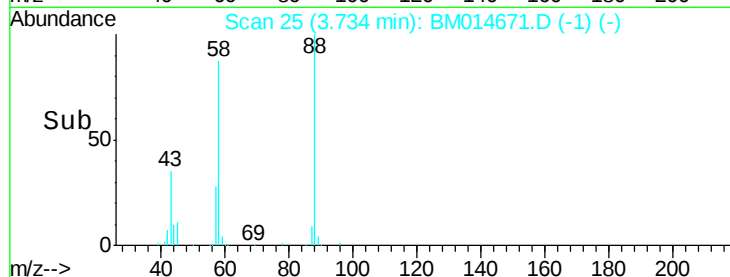
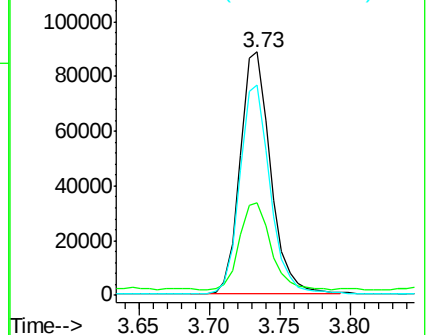
58 84.7 72.0 108.0



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

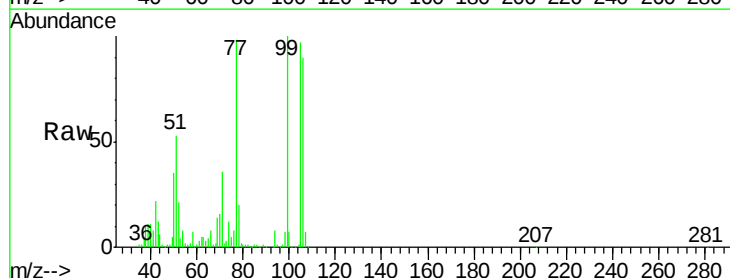
Tgt Ion: 77 Resp: 554396

Ion Ratio Lower Upper

77 100

105 98.9 80.6 120.8

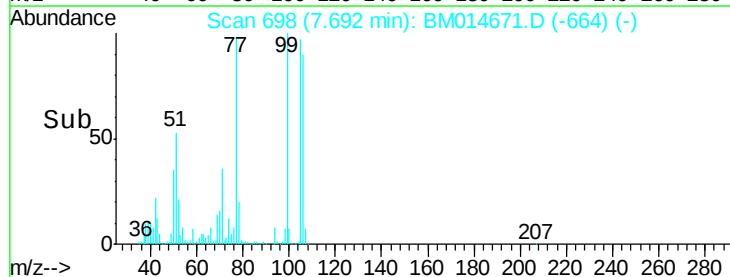
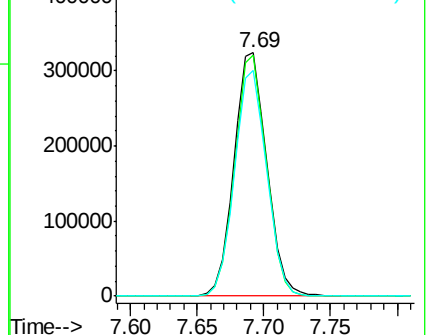
106 92.4 77.7 116.5

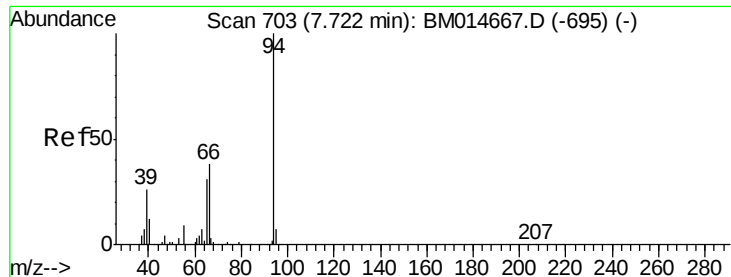


Abundance Ion 77.00 (76.70 to 77.70): BM014667.D (-691) (-)

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

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





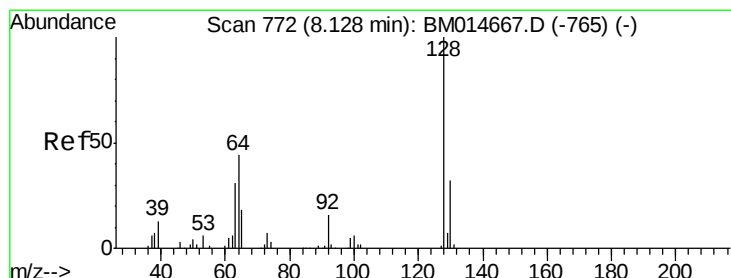
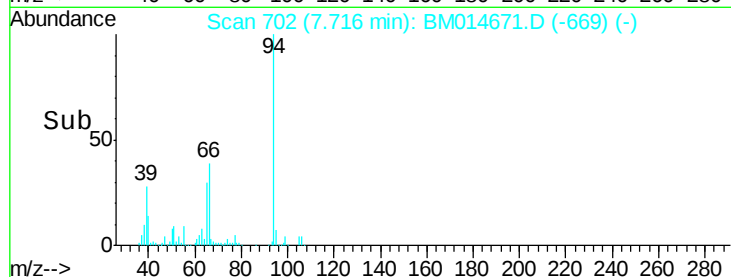
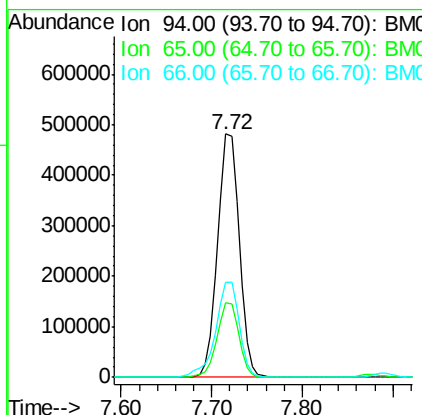
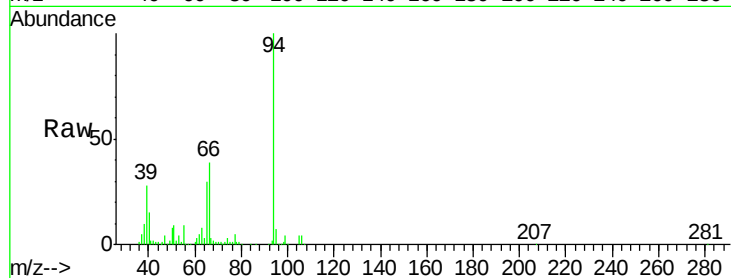
#6

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 :
 X2C45

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

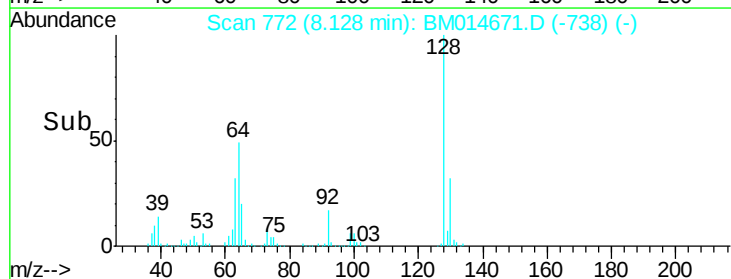
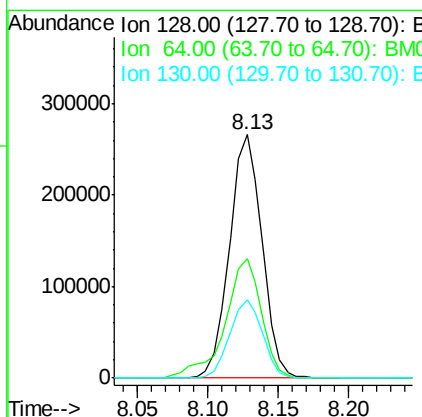
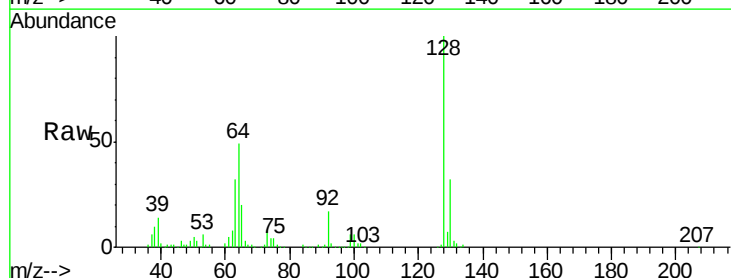


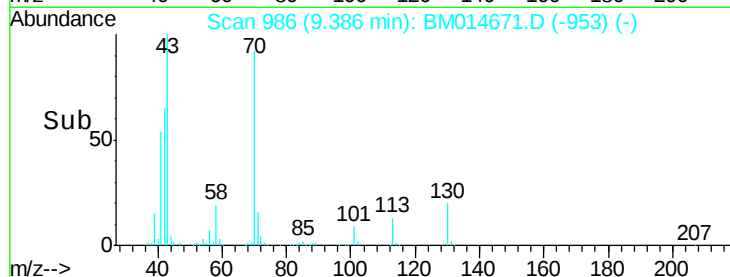
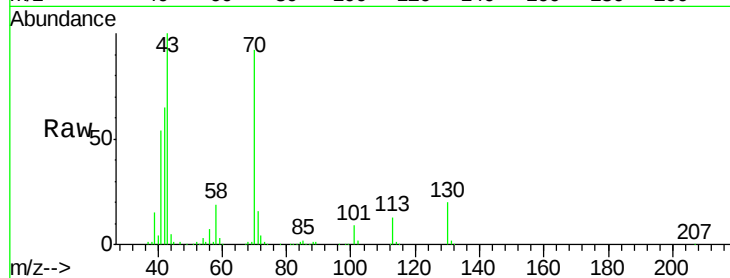
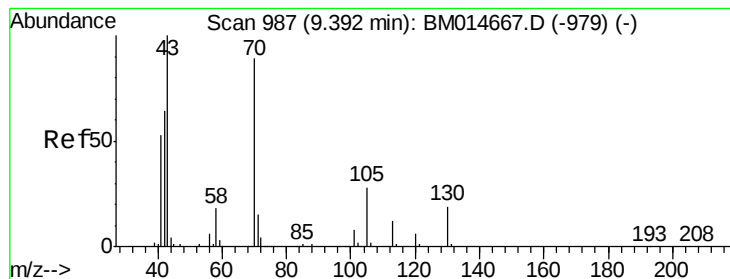
#10

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 :

X2C45

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

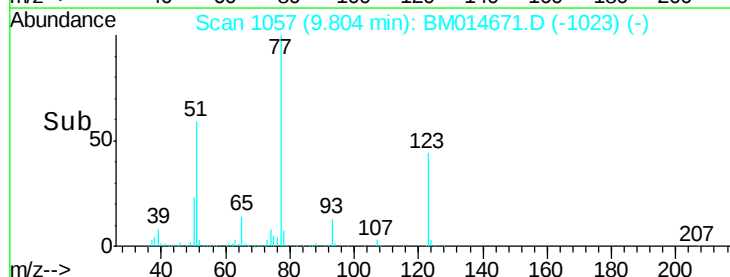
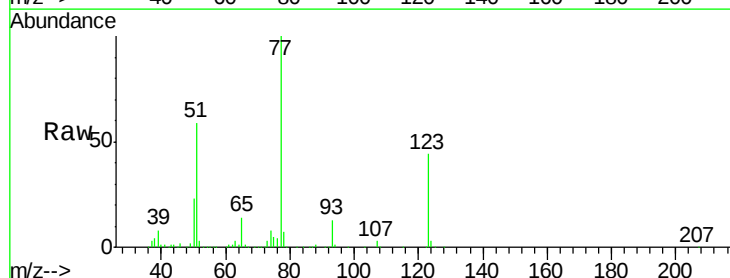
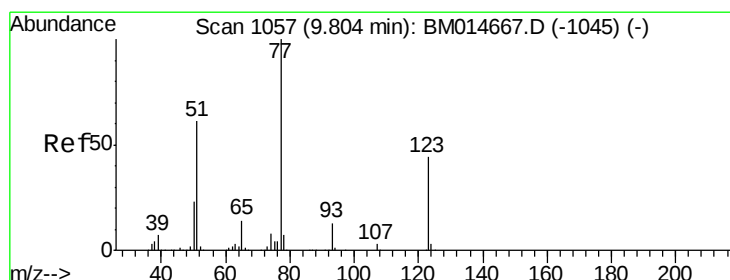
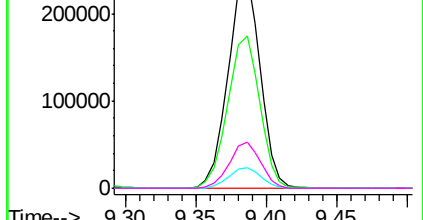
130 21.5 18.2 27.4

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

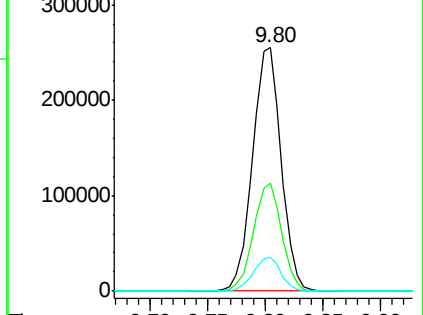
123 44.3 39.0 58.4

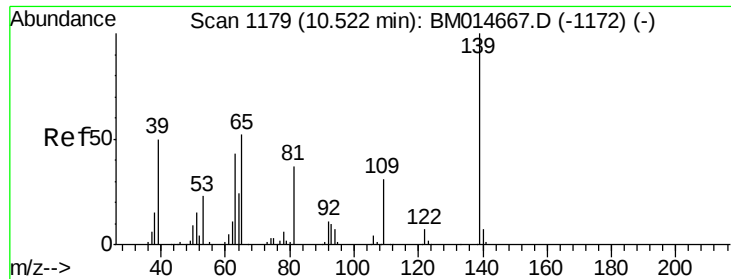
65 14.0 10.4 15.6

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) (-)

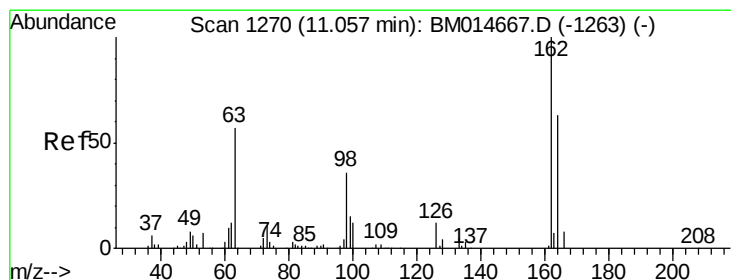
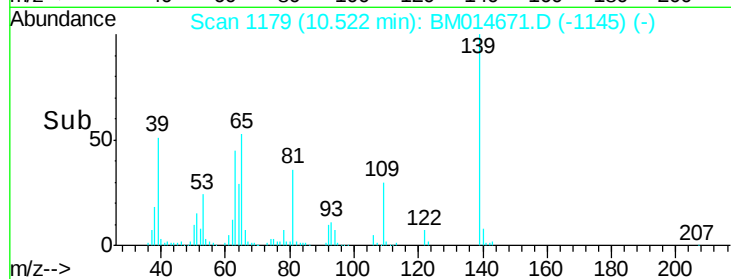
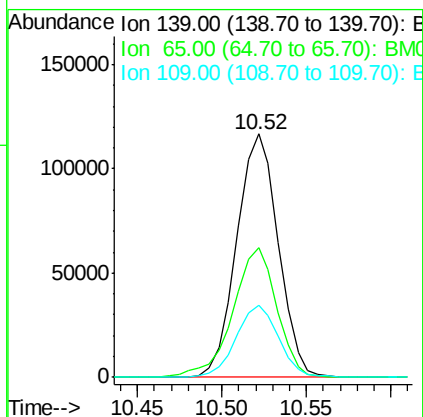
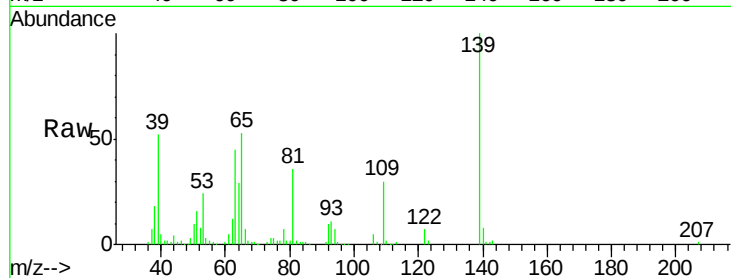




#23
2-Nitrophenol
Concen: 17.822 ng/ul
RT: 10.52 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

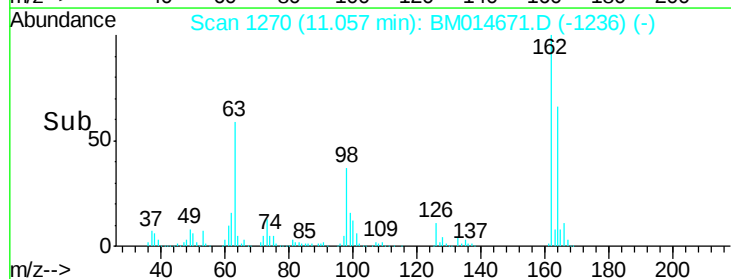
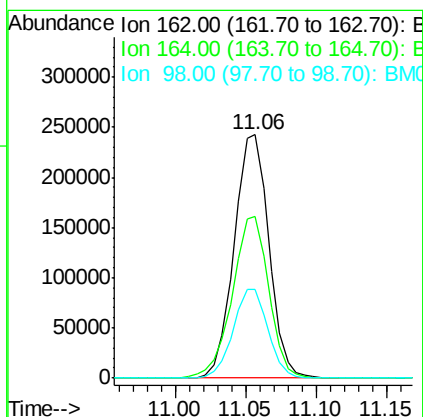
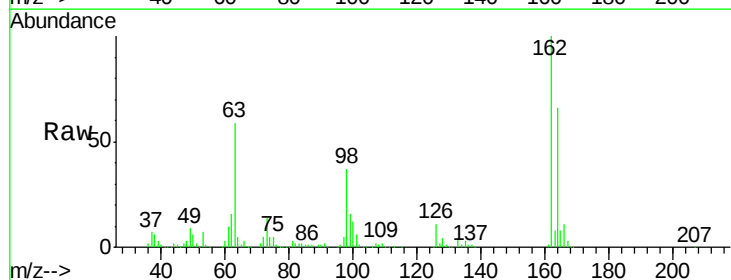
Instrument :
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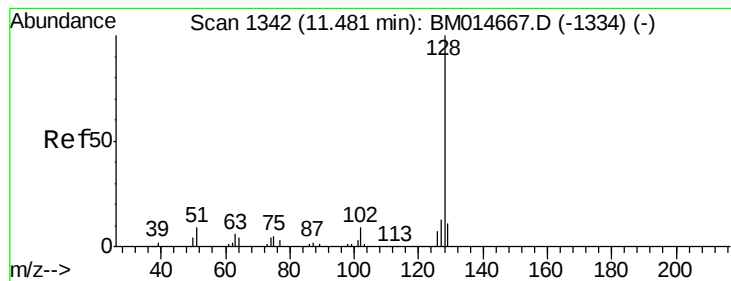
Tot Ion	Ratio	Lower	Upper
139	100		
65	53.5	36.3	54.5
109	29.6	26.4	39.6



#27
2,4-Dichlorophenol
Concen: 18.156 ng/ul
RT: 11.06 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

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 :

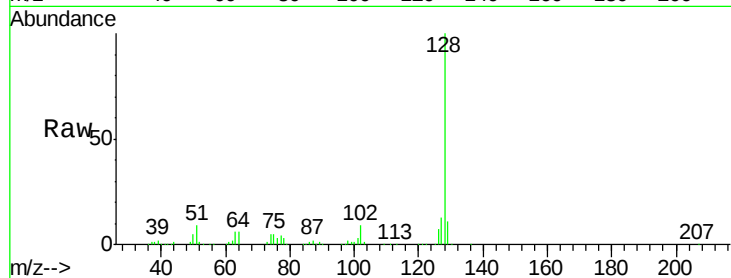
BNA_M

ClientSampleId :

X2C45

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

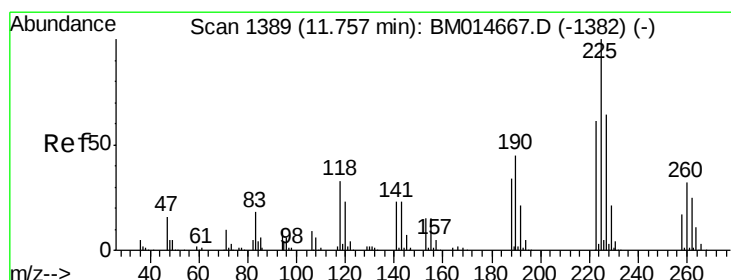
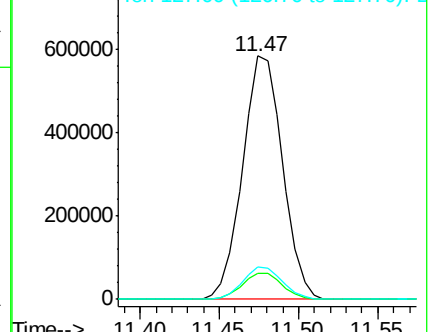
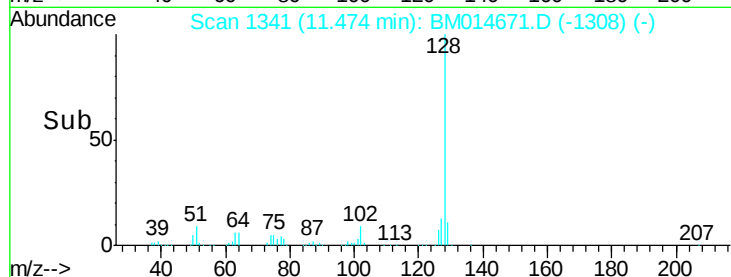


Abundance

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



#31

Hexachlorobutadiene

Concen: 18.470 ng/ul

RT: 11.75 min Scan# 1388

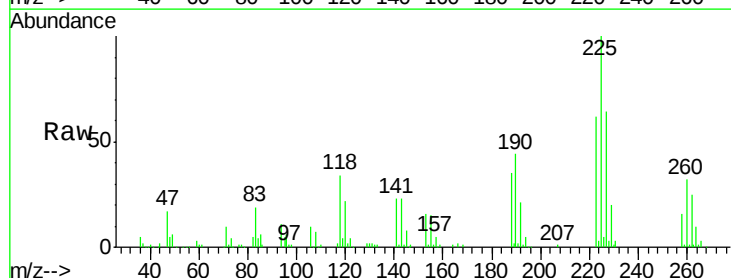
Delta R.T. -0.01 min

Lab File: BM014671.D

Acq: 04 Apr 2018 15:53

Tgt Ion:225 Resp: 284398

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	64.4	50.7	76.1

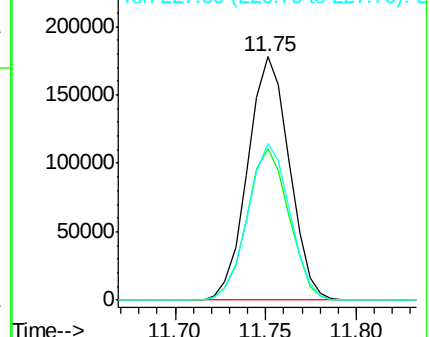
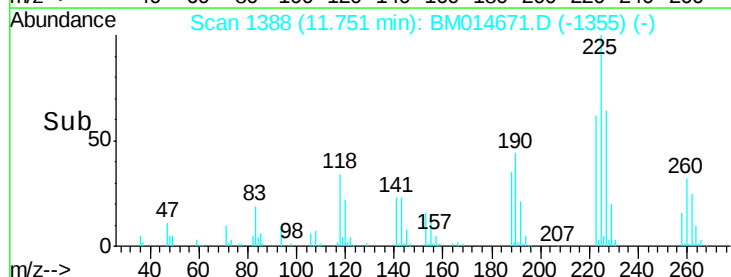


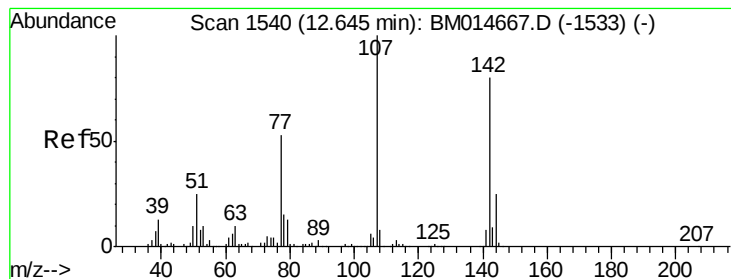
Abundance

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

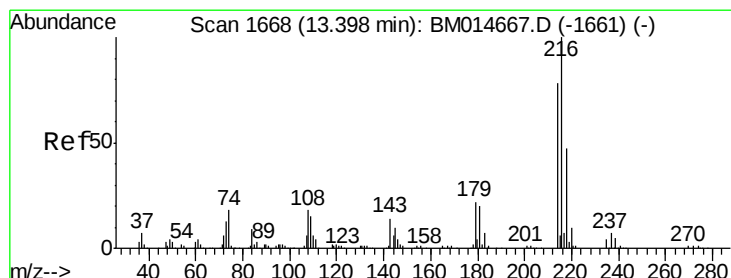
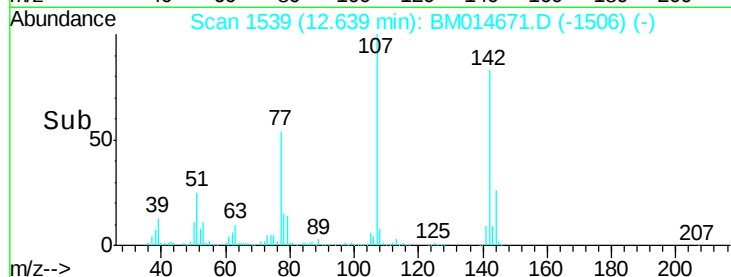
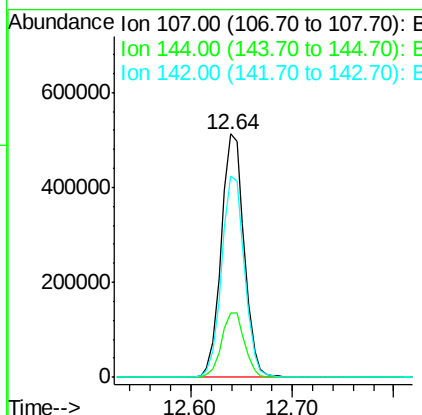
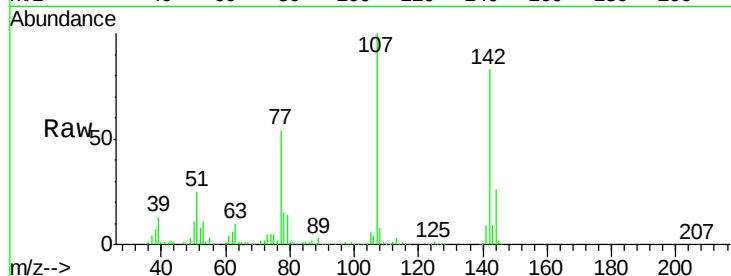




#33
 4-Chloro-3-methylphenol
 Concen: 32.877 ng/ul
 RT: 12.64 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

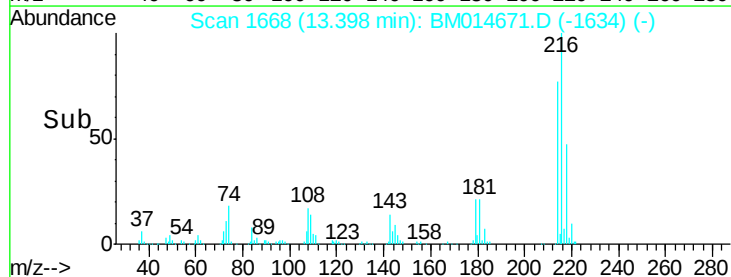
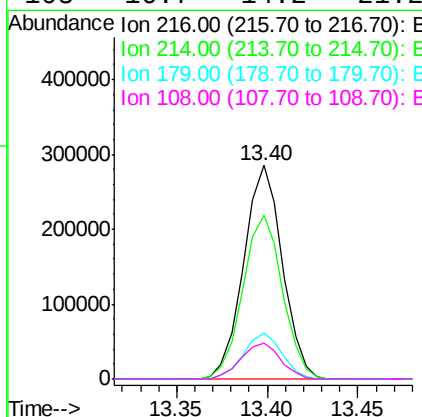
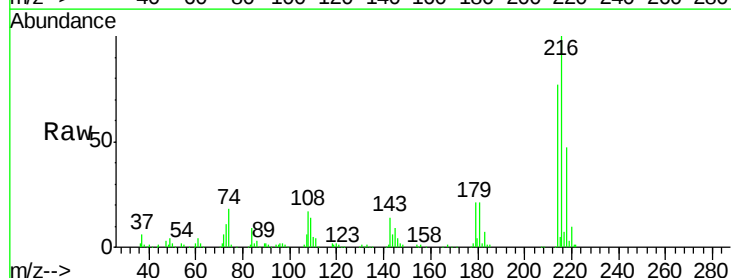
Instrument :
 BNA_M
 ClientSampleId :
 X2C45

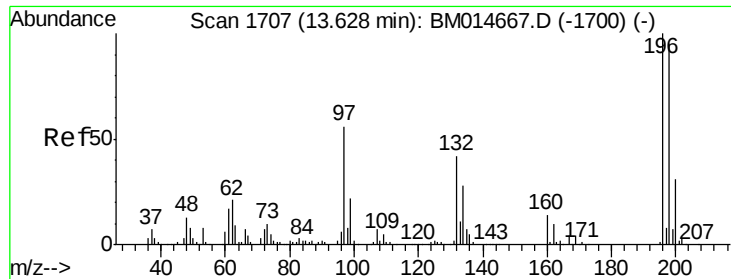
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.4	30.6
142	82.9	62.5	93.7



#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

Tgt 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

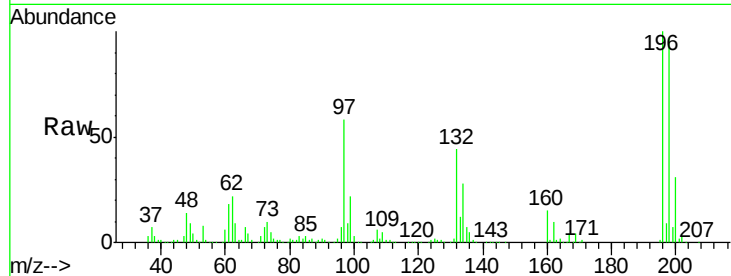




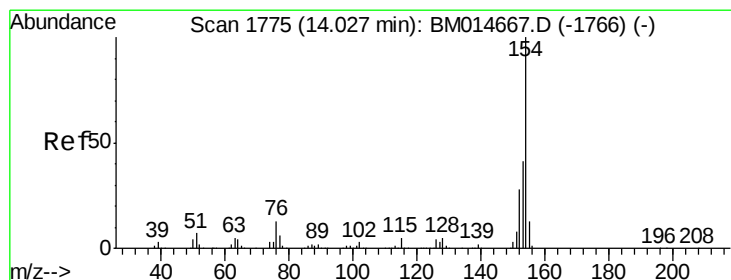
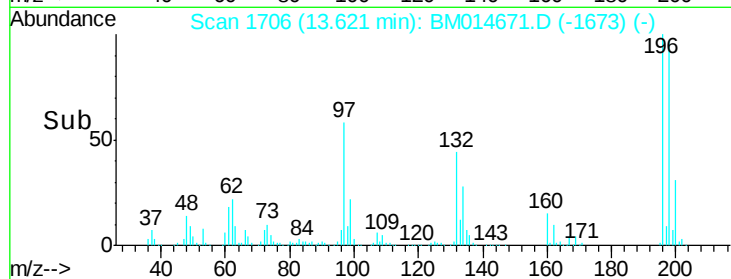
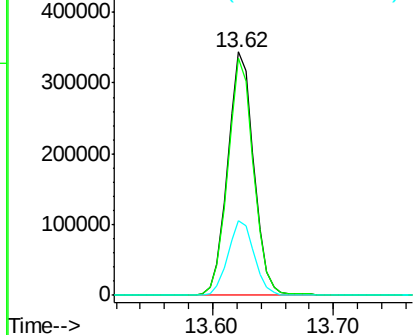
#38
 2,4,6-Trichlorophenol
 Concen: 28.679 ng/ul
 RT: 13.62 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampleId :
 X2C45

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

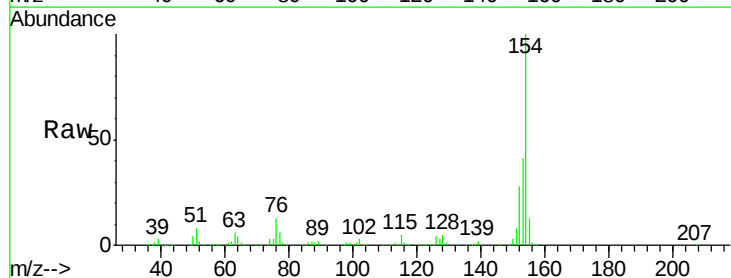


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

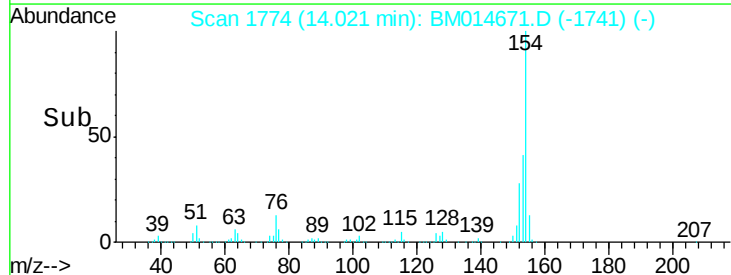
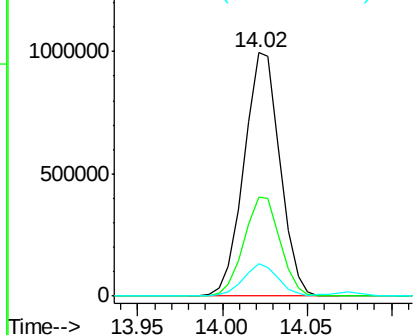


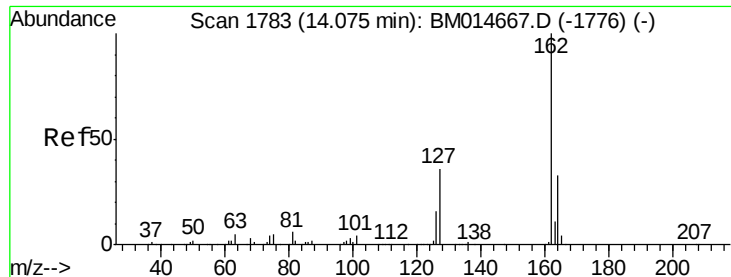
#40
 1,1'-Biphenyl
 Concen: 19.369 ng/ul
 RT: 14.02 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

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

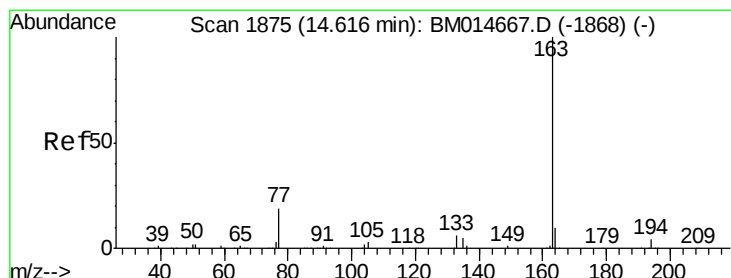
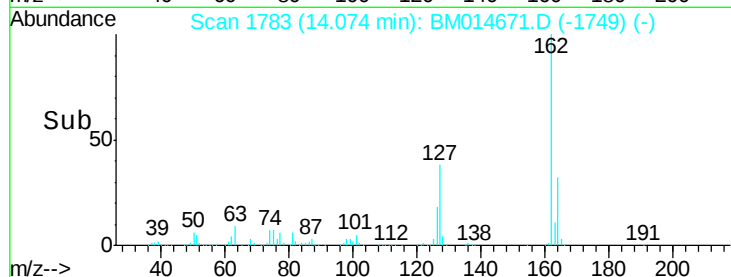
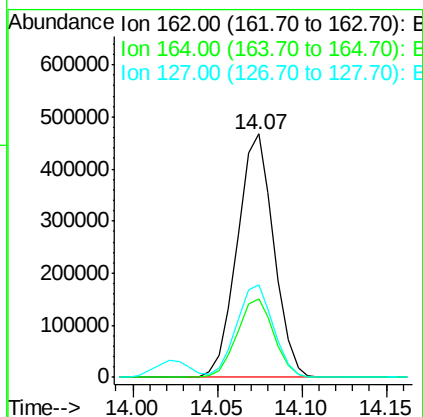
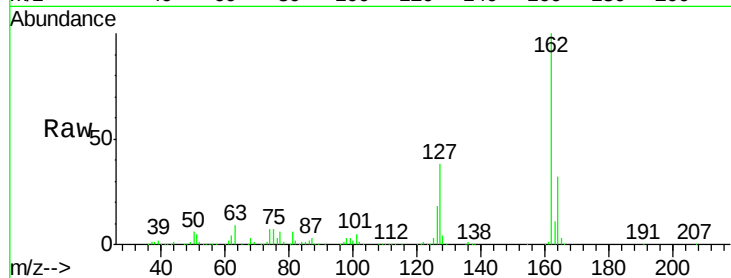




#41
2-Chloronaphthalene
Concen: 11.882 ng/ul
RT: 14.07 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

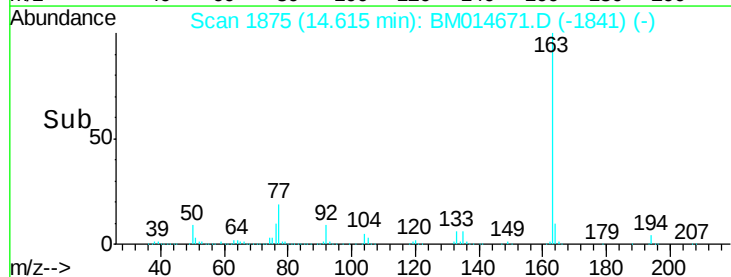
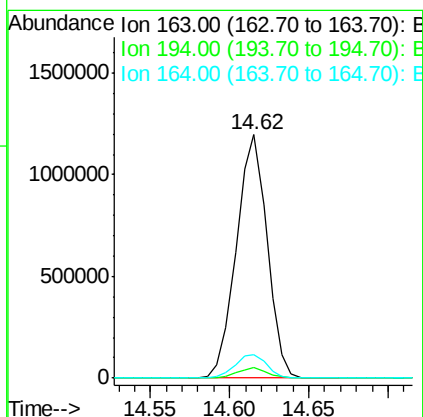
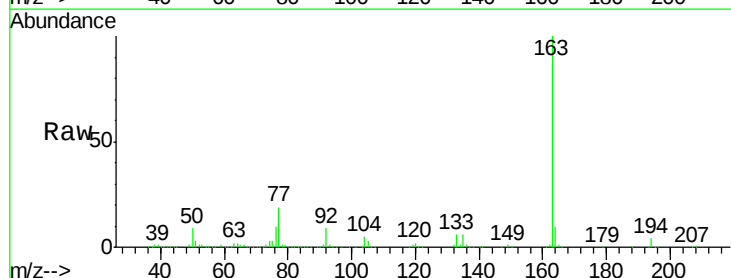
Instrument :
BNA_M
ClientSampleId :
X2C45

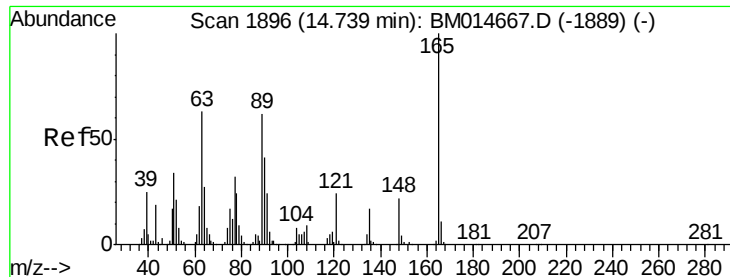
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	25.9	38.9
127	38.1	34.1	51.1



#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

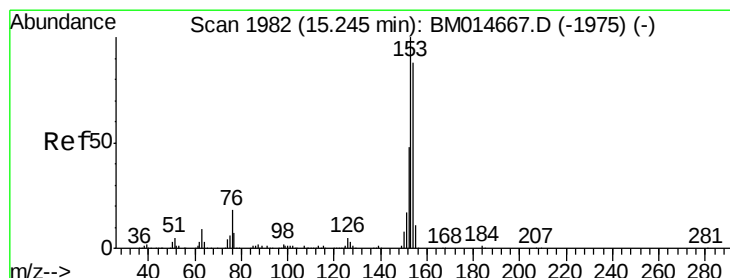
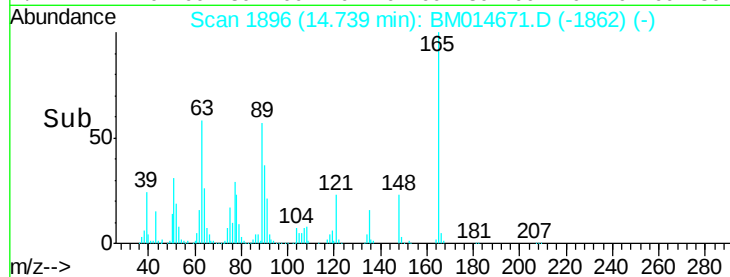
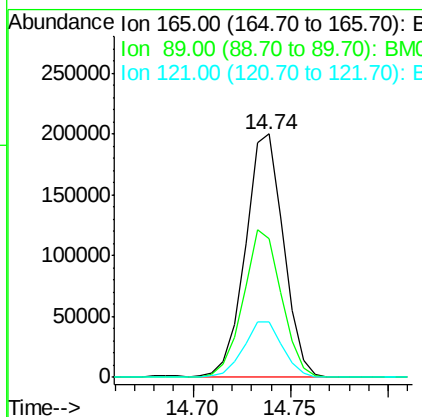
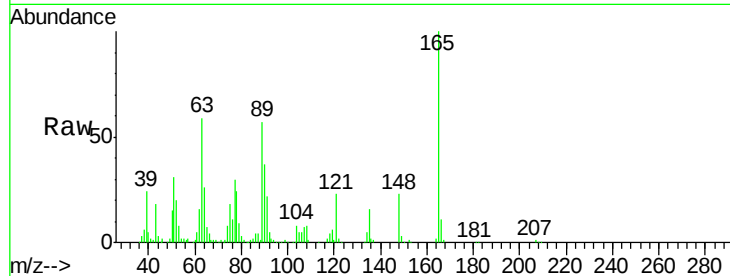




#45
 2,6-Dinitrotoluene
 Concen: 23.089 ng/ul
 RT: 14.74 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

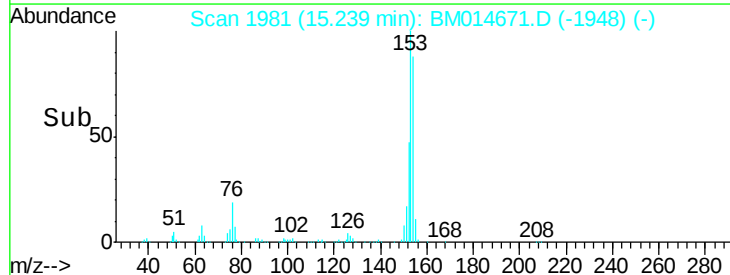
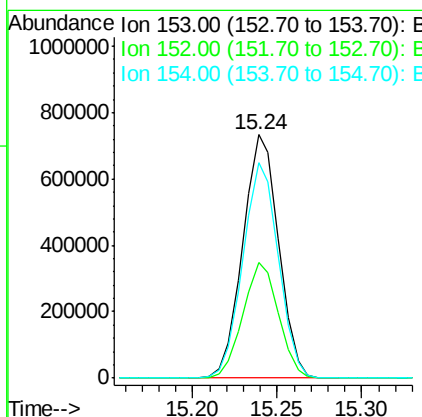
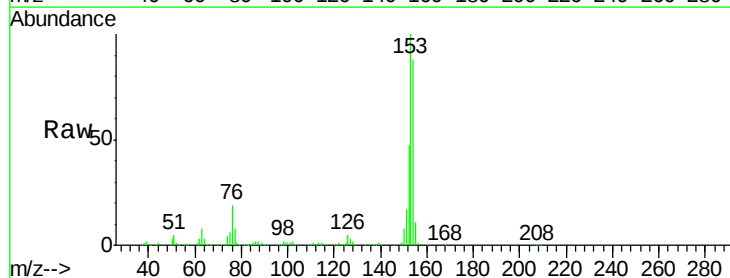
Instrument :
 BNA_M
 ClientSampleId :
 X2C45

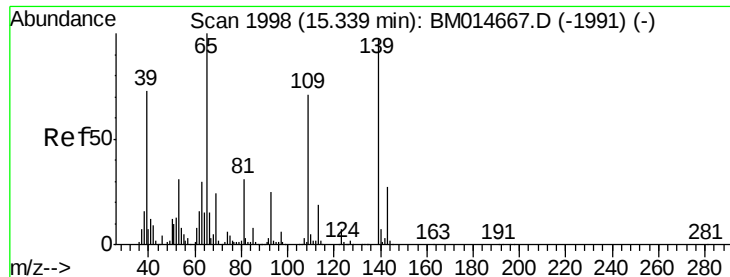
Tot Ion:165 Resp: 271009
 Ion Ratio Lower Upper
 165 100
 89 56.8 42.4 63.6
 121 22.9 16.6 24.8



#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 :

X2C45

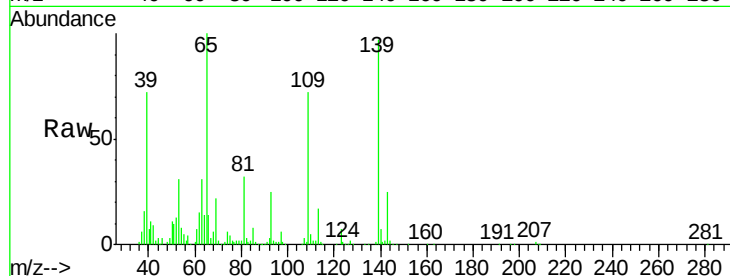
Tot Ion:109 Resp: 222900

Ion Ratio Lower Upper

109 100

139 135.4 103.7 155.5

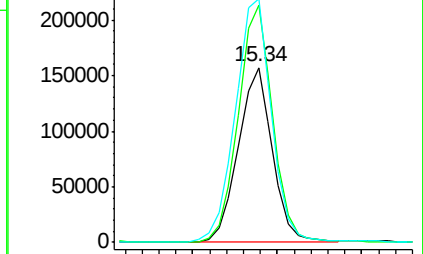
65 139.1 89.4 134.2#



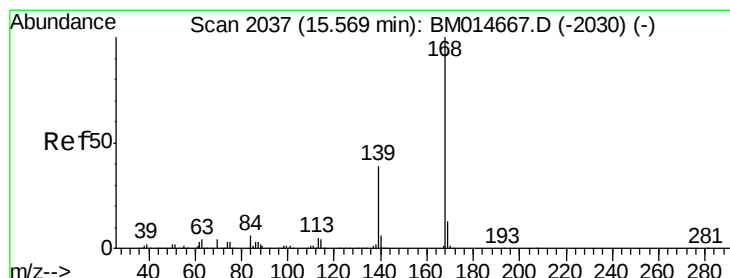
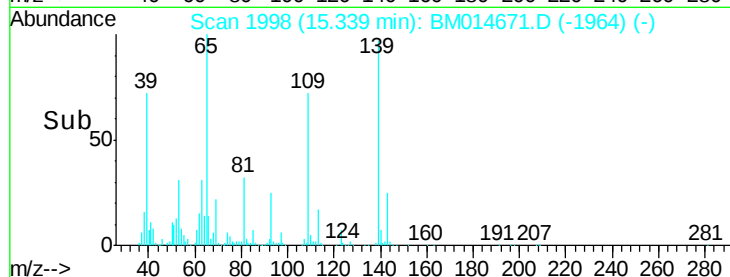
Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



Time-->



#53

Dibenzofuran

Concen: 14.904 ng/ul

RT: 15.57 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BM014671.D

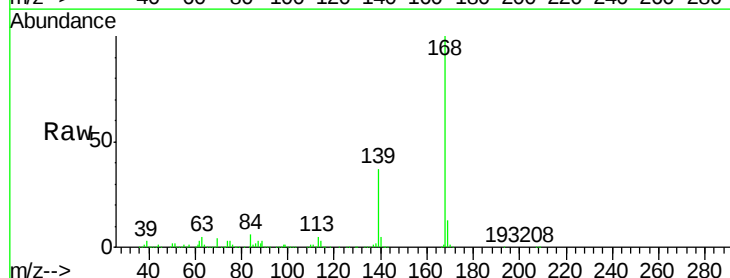
Acq: 04 Apr 2018 15:53

Tgt Ion:168 Resp: 1297469

Ion Ratio Lower Upper

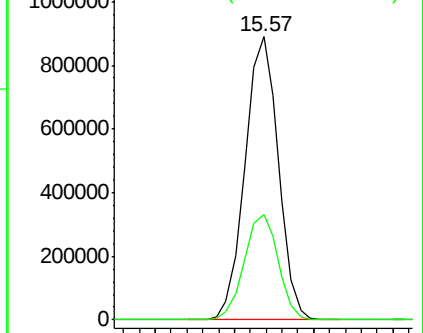
168 100

139 37.3 32.2 48.2

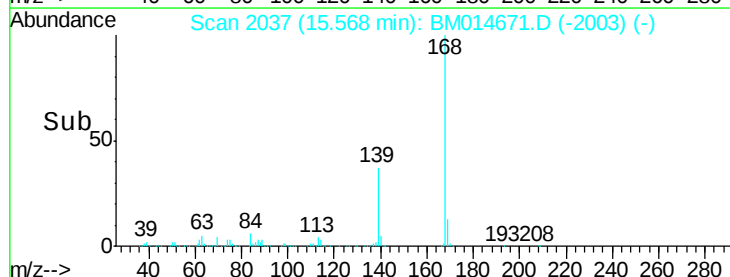


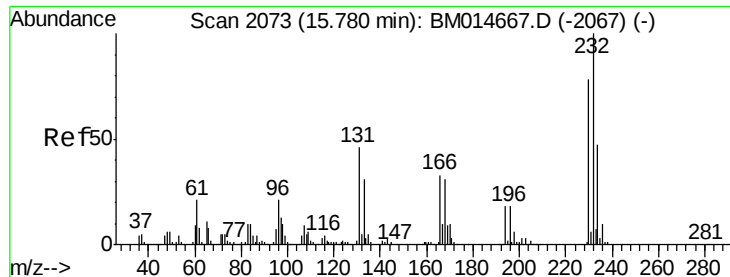
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#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 :

X2C45

Tot Ion:232 Resp: 332892

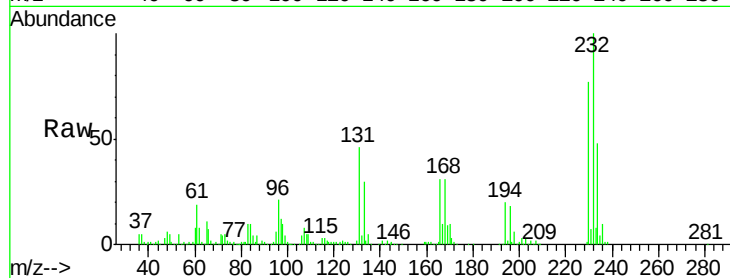
Ion Ratio Lower Upper

232 100

131 45.6 39.4 59.2

130 2.3 2.2 3.2

166 30.7 26.6 39.8

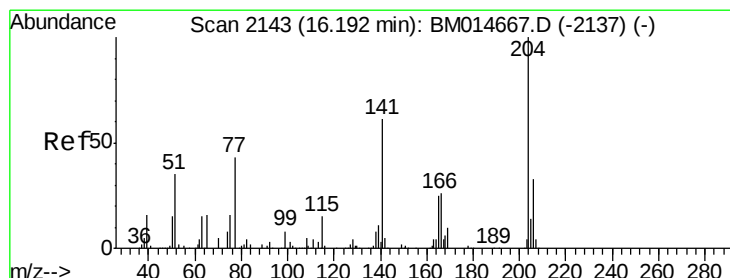
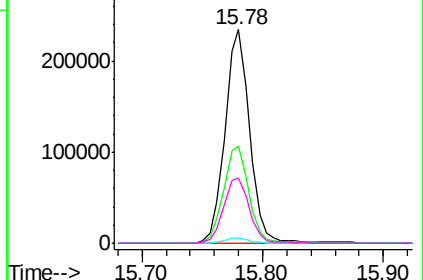
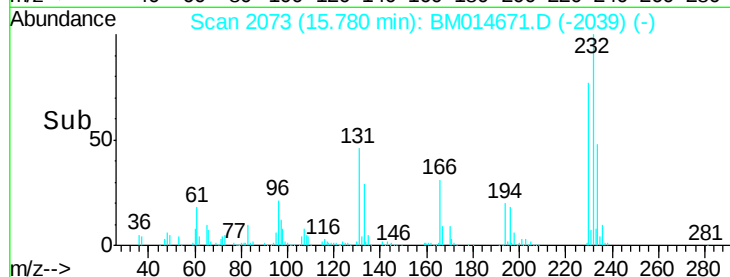


Abundance Ion 232.00 (231.70 to 232.70): E

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

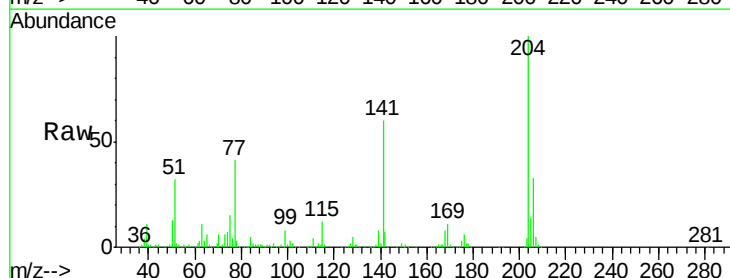
Tgt Ion:204 Resp: 504214

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.4

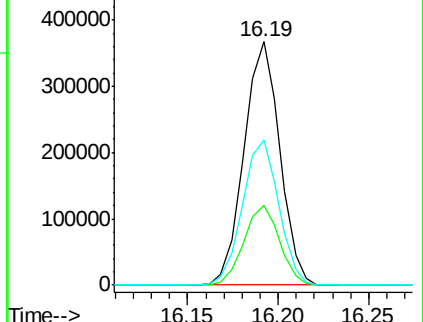
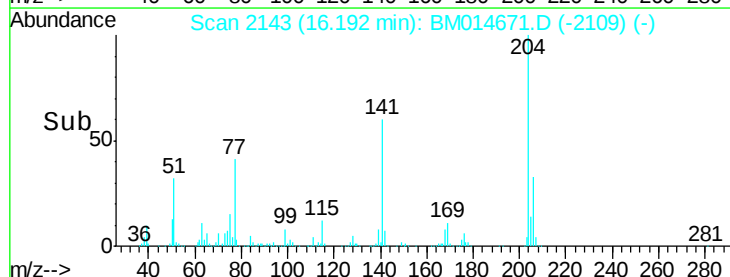
141 59.8 54.6 81.8

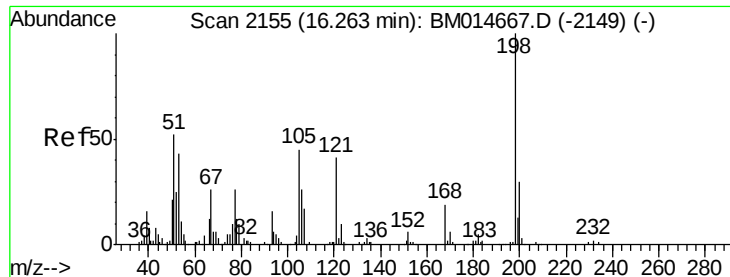


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

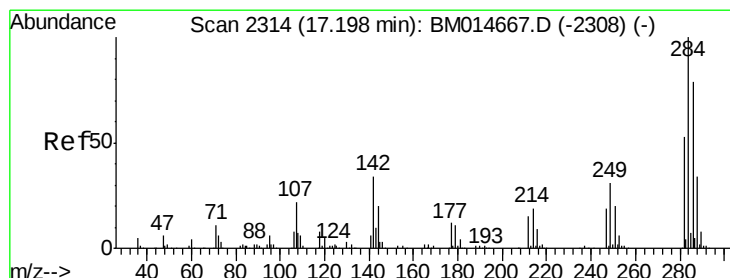
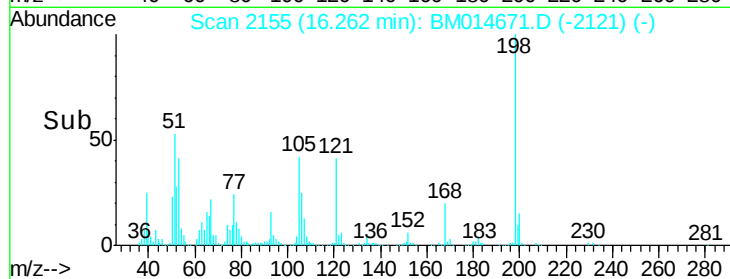
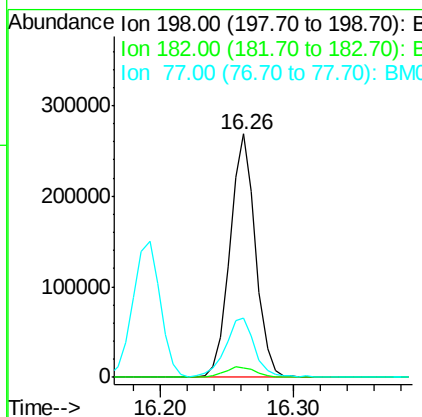
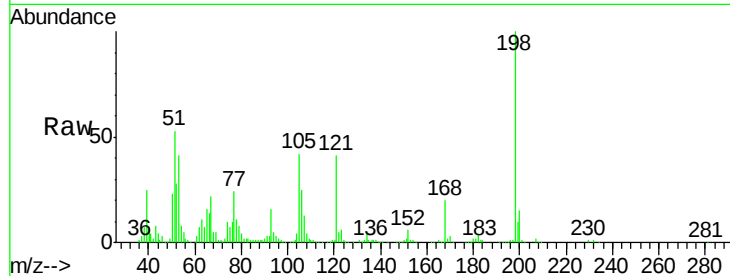




#63
 4,6-Dinitro-2-methylphenol
 Concen: 36.250 ng/ul
 RT: 16.26 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

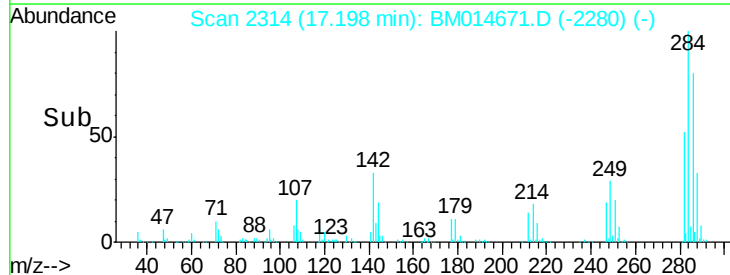
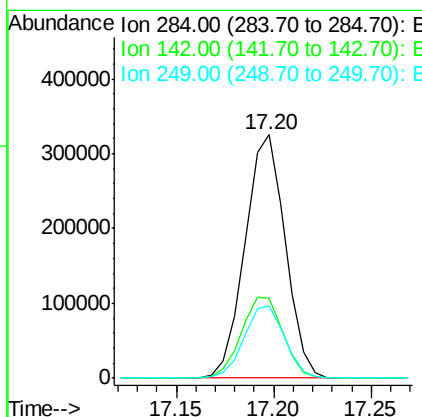
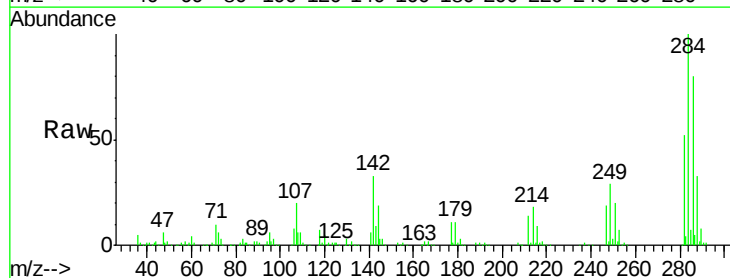
Instrument :
 BNA_M
 ClientSampleId :
 X2C45

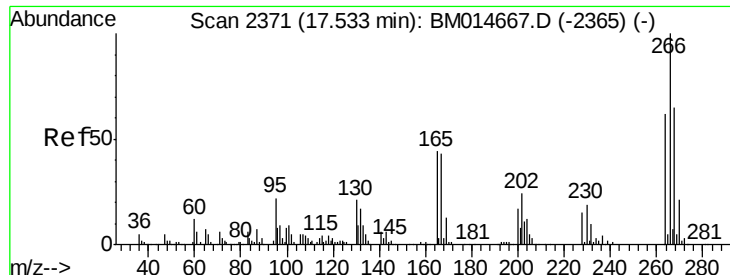
Tot Ion:198 Resp: 357944
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.1 4.7
 77 24.5 20.1 30.1



#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

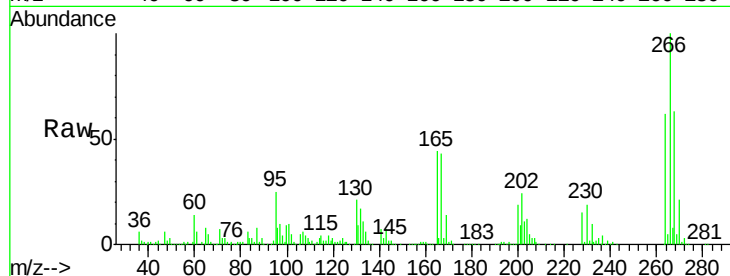




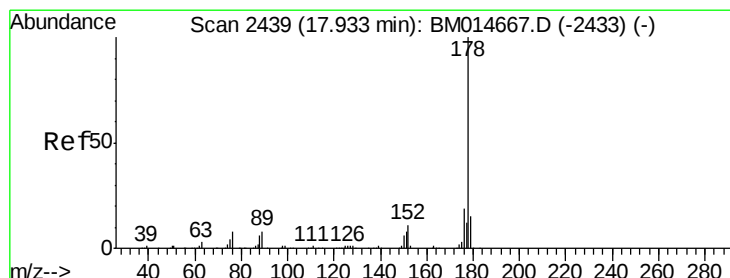
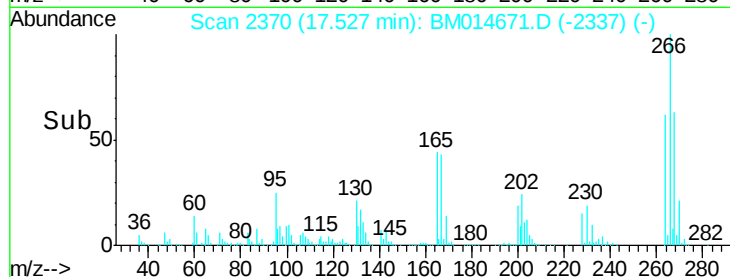
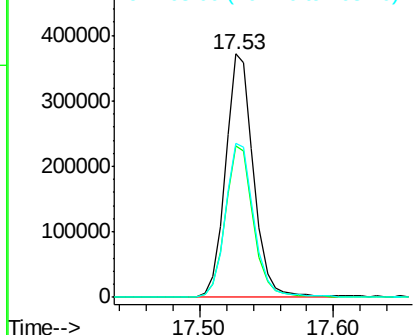
#68
 Pentachlorophenol
 Concen: 38.588 ng/ul
 RT: 17.53 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Instrument :
 BNA_M
 ClientSampled :
 X2C45

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

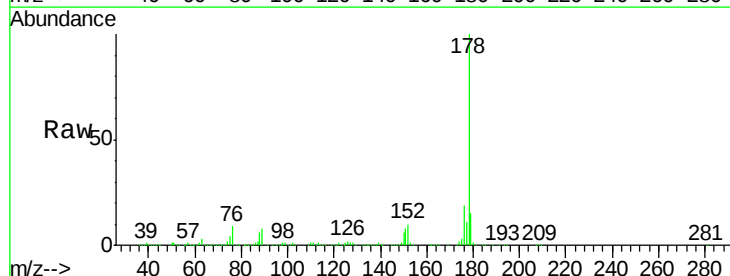


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

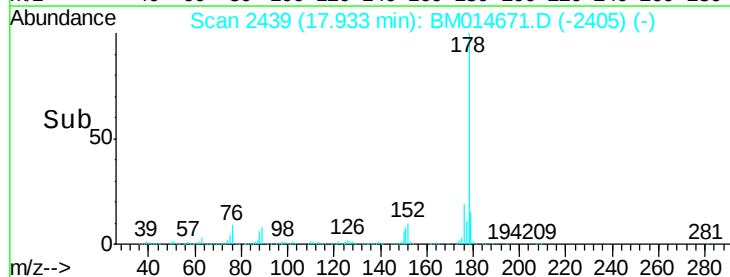
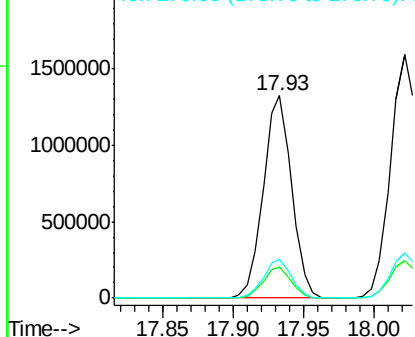


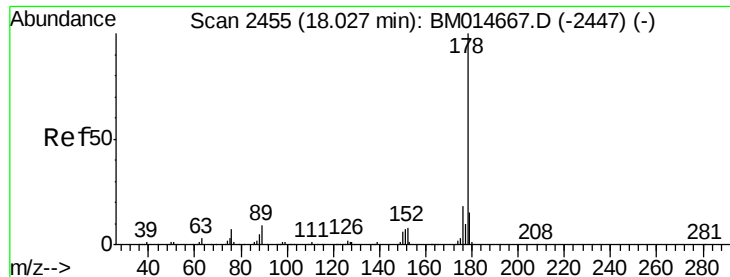
#69
 Phenanthrene
 Concen: 16.291 ng/ul
 RT: 17.93 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

Tgt Ion	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

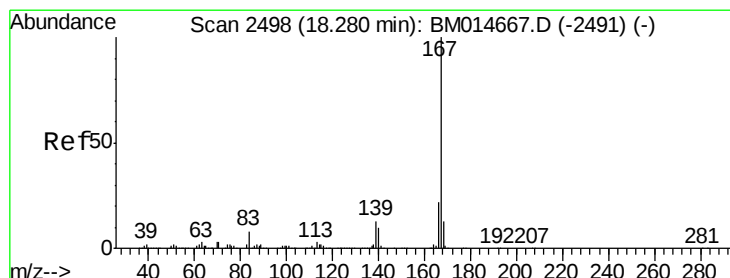
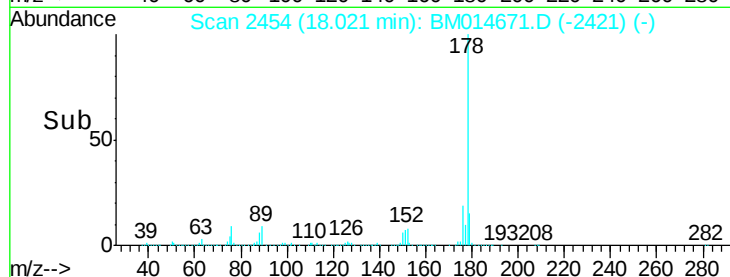
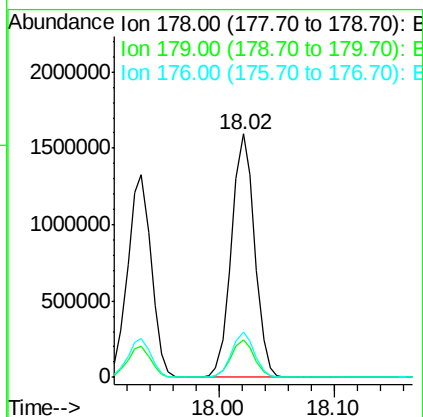
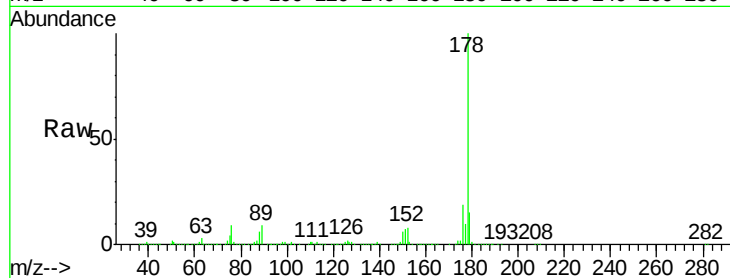




#71
 Anthracene
 Concen: 18.922 ng/ul
 RT: 18.02 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM014671.D
 Acq: 04 Apr 2018 15:53

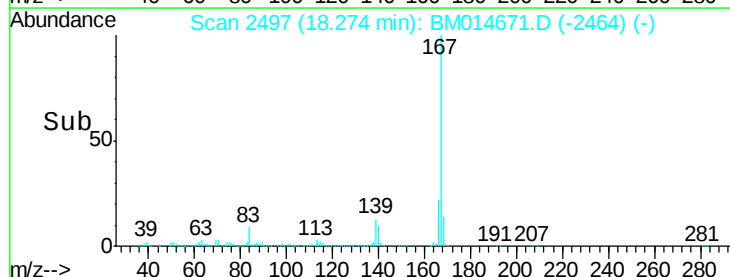
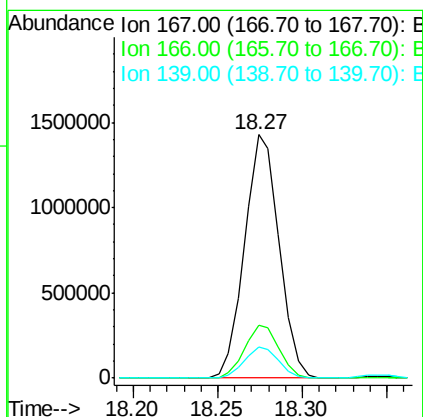
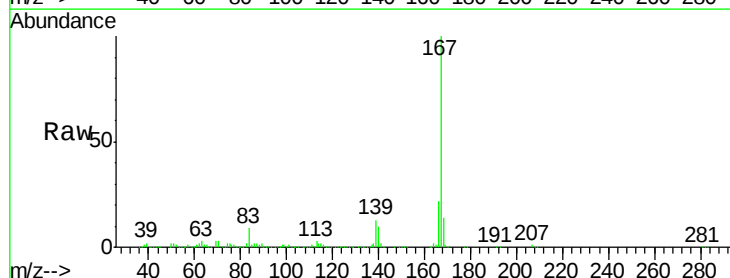
Instrument :
 BNA_M
 ClientSampleId :
 X2C45

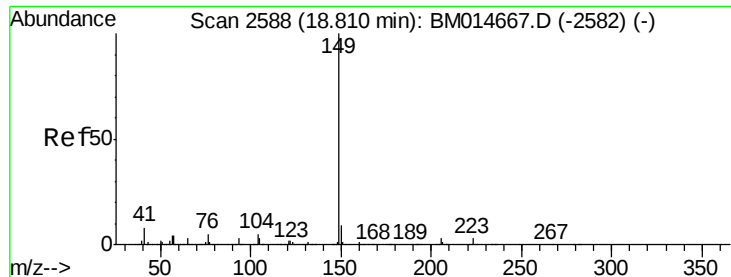
Tot Ion:178 Resp: 2211813
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.1 18.1
 176 18.7 14.8 22.2



#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

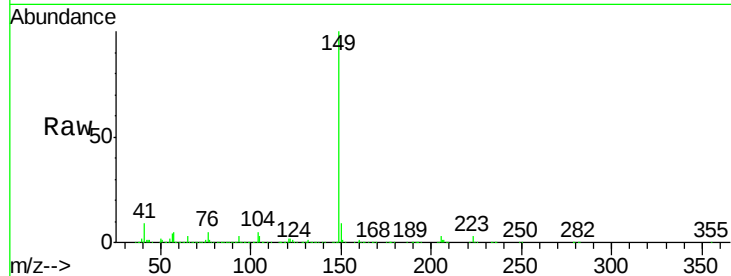




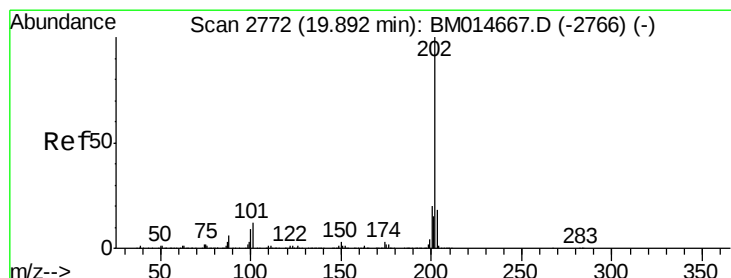
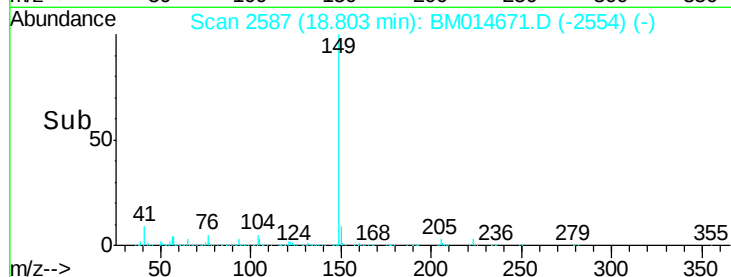
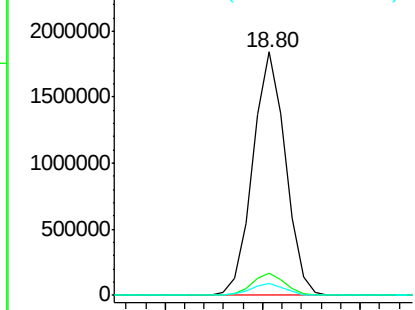
#75
Di-n-butylphthalate
Concen: 17.748 ng/ul
RT: 18.80 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

Instrument :
BNA_M
ClientSampleId :
X2C45

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

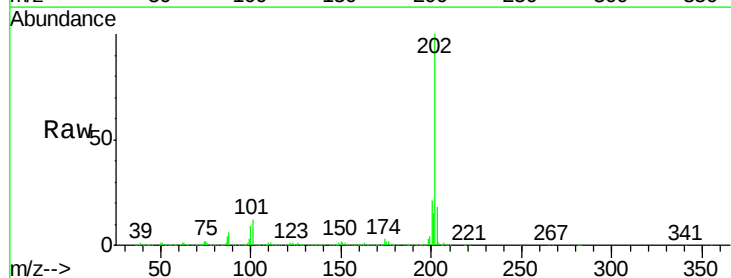


Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

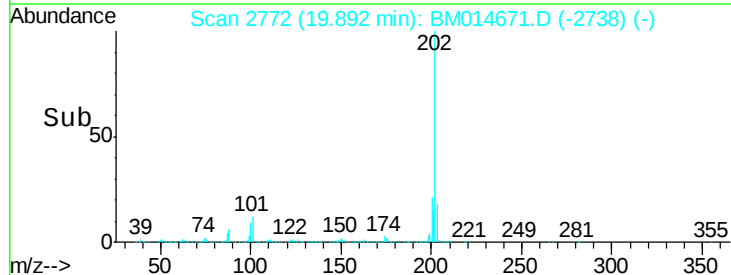
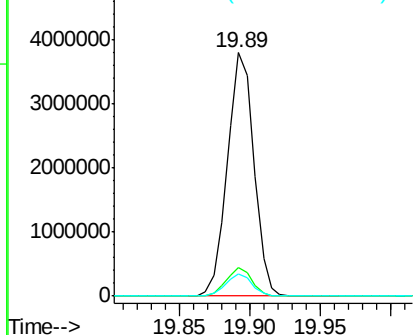


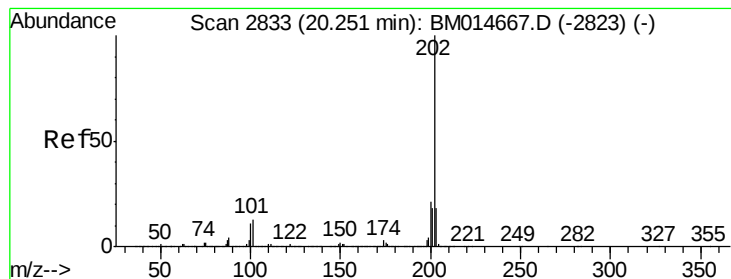
#76
Fluoranthene
Concen: 41.597 ng/ul
RT: 19.89 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BM014671.D
Acq: 04 Apr 2018 15:53

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 :

X2C45

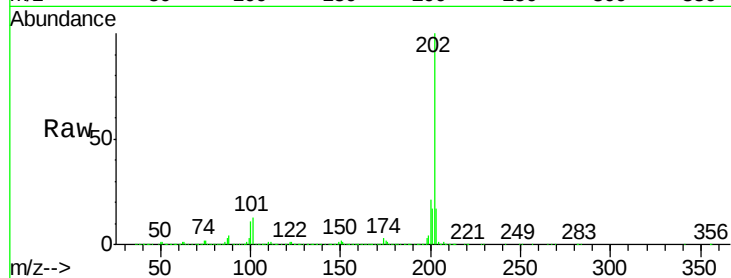
Tot Ion:202 Resp: 3540070

Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

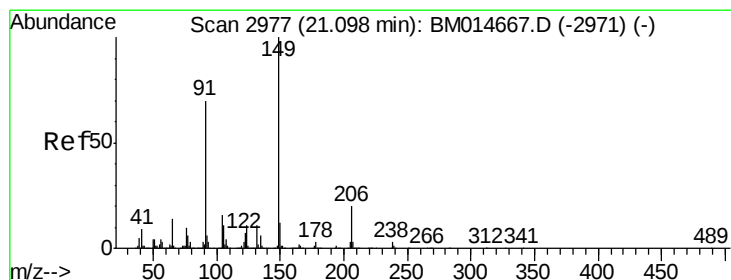
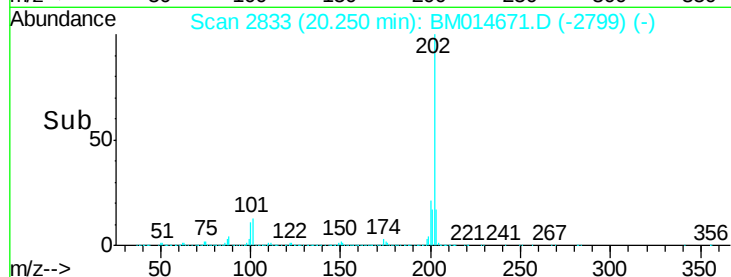
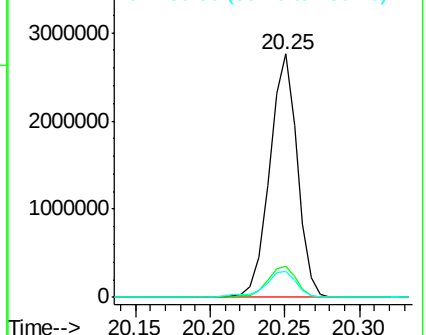
100 10.9 8.5 12.7



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



#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

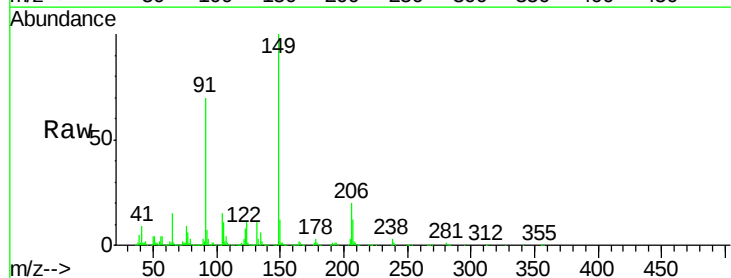
Tgt Ion:149 Resp: 877388

Ion Ratio Lower Upper

149 100

91 70.3 53.4 80.2

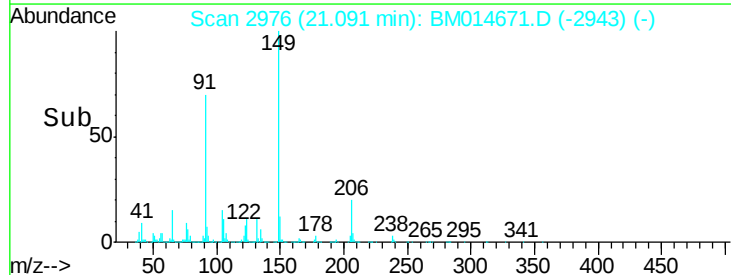
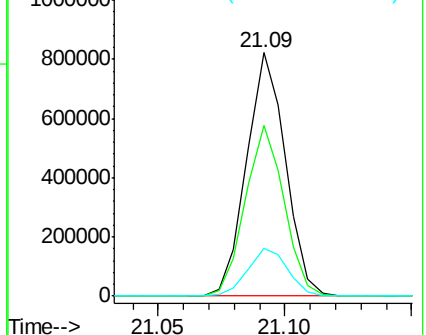
206 19.8 16.6 24.8

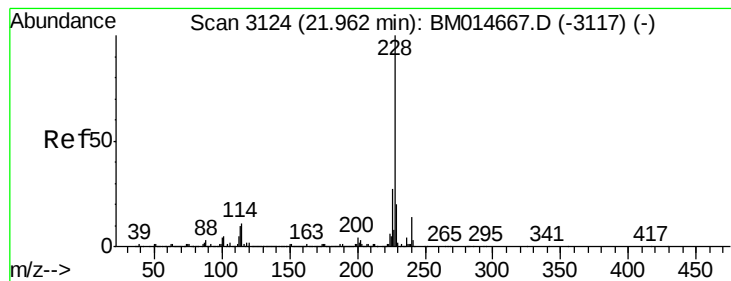


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#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 :

X2C45

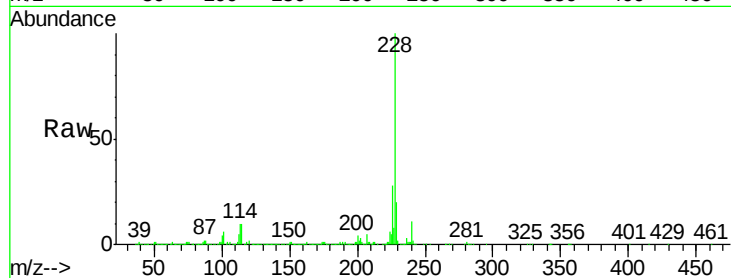
Tot Ion:228 Resp: 4407235

Ion Ratio Lower Upper

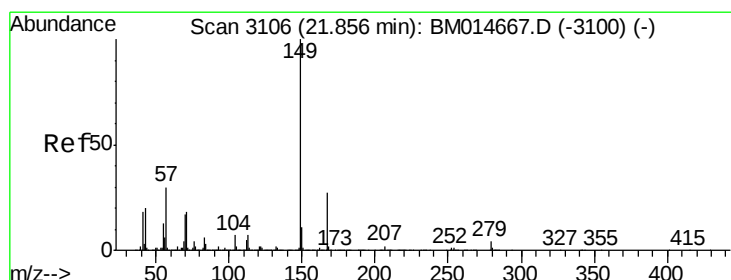
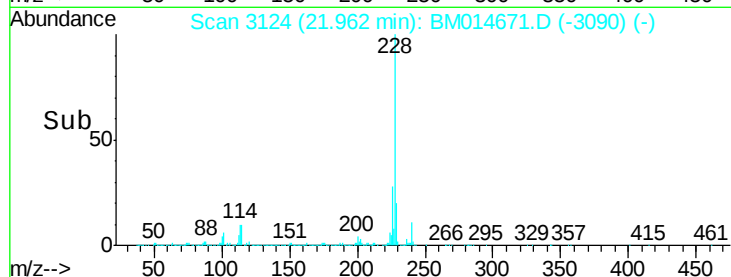
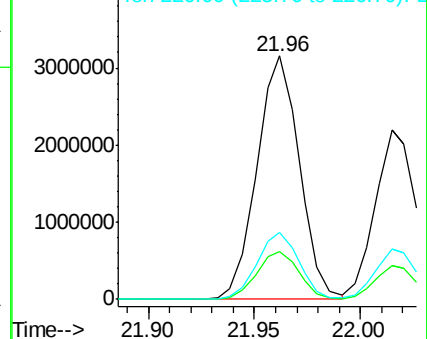
228 100

229 19.9 15.7 23.5

226 27.6 21.8 32.6



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

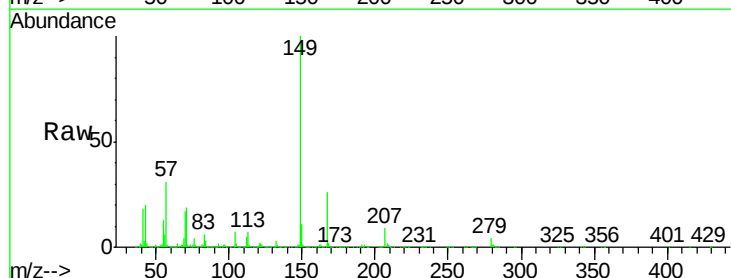
Tgt Ion:149 Resp: 1655093

Ion Ratio Lower Upper

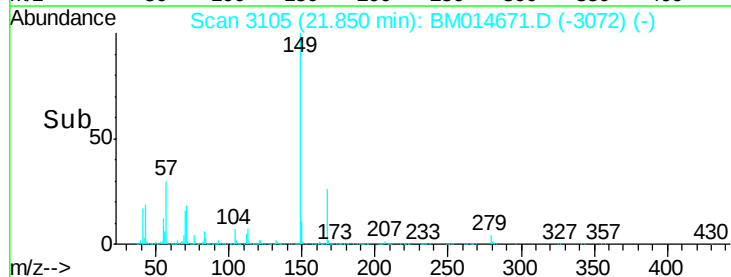
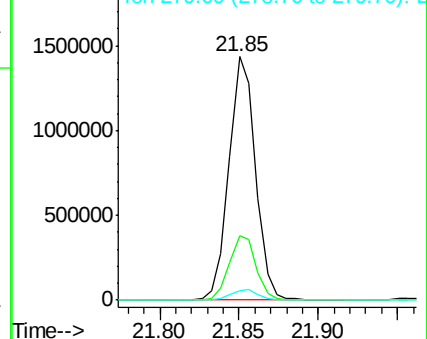
149 100

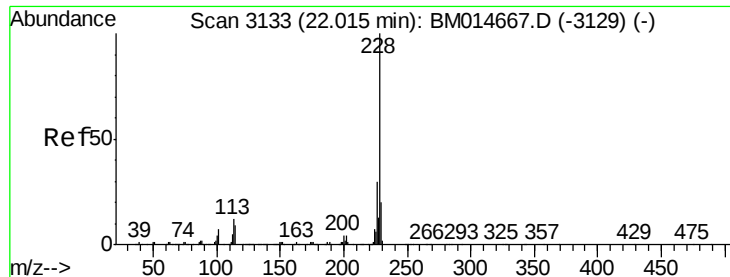
167 26.5 21.6 32.4

279 4.1 3.0 4.4



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 :

X2C45

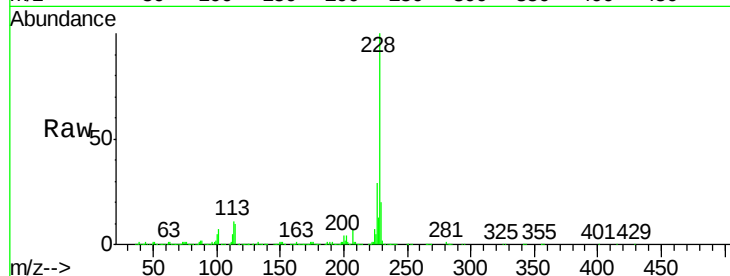
Tot Ion:228 Resp: 2921133

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

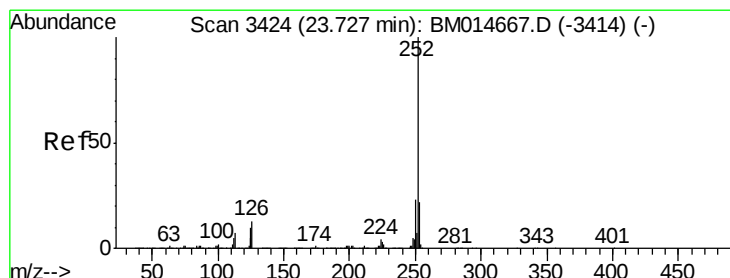
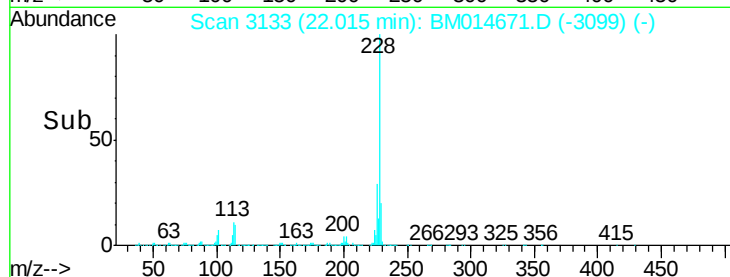
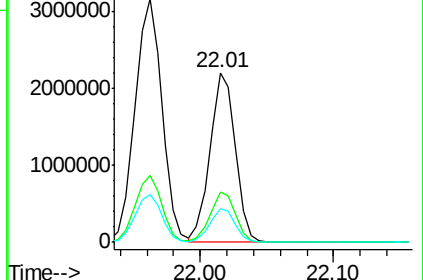
229 19.7 15.6 23.4



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

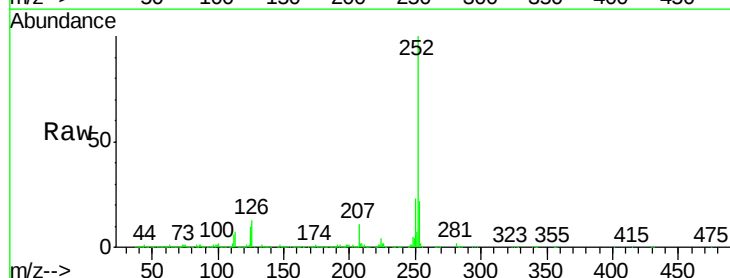
Tgt Ion:252 Resp: 3136954

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

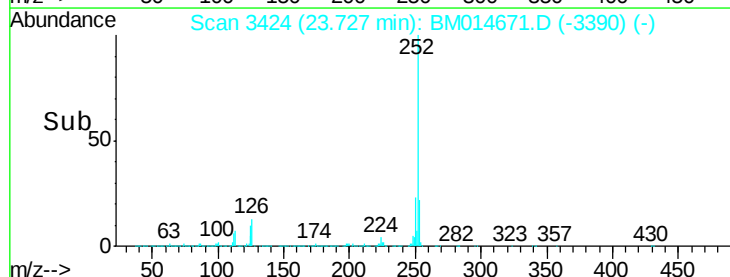
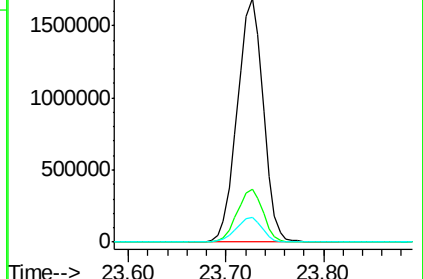
125 10.2 8.5 12.7

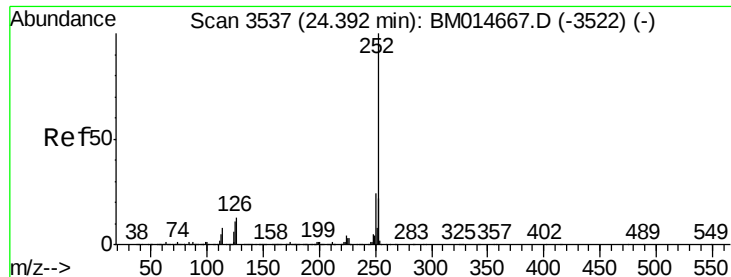


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_M

ClientSampleId :

X2C45

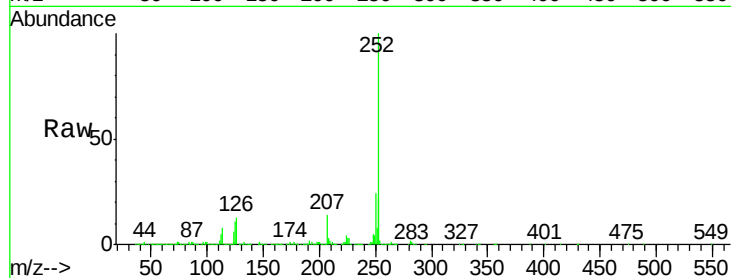
Tot Ion:252 Resp: 2752974

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

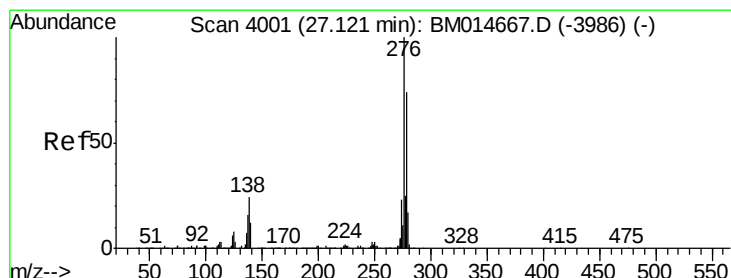
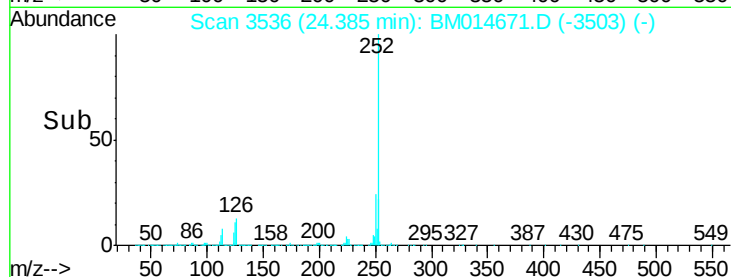
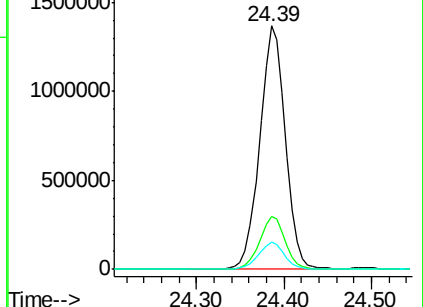
125 11.2 9.0 13.6



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

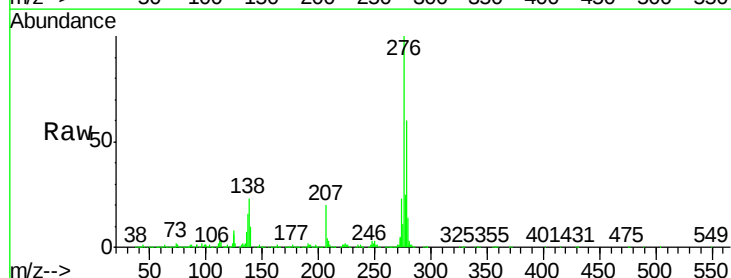
Tgt Ion:276 Resp: 3399813

Ion Ratio Lower Upper

276 100

138 23.2 22.3 33.5

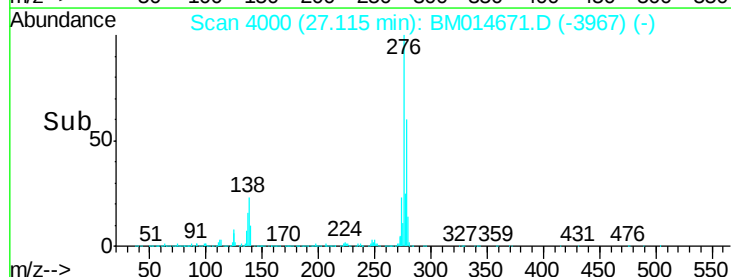
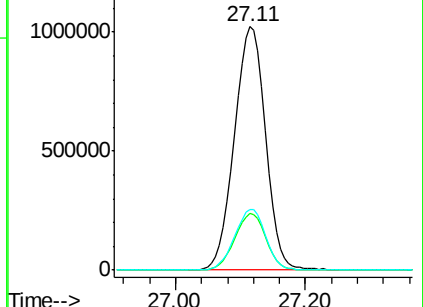
277 25.0 20.2 30.2

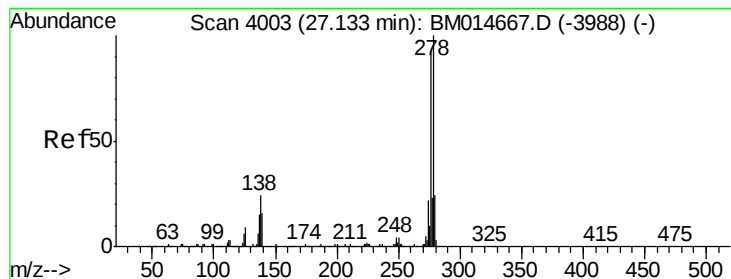


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#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

Instrument :

BNA_M

ClientSampleId :

X2C45

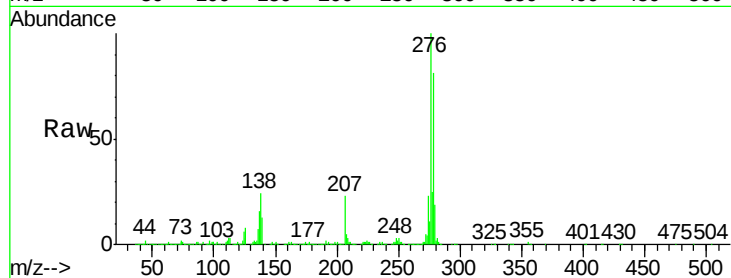
Tot Ion:278 Resp: 2210939

Ion Ratio Lower Upper

278 100

139 16.5 13.9 20.9

279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

