

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015769.D
 Acq On : 05 Jul 2018 16:03
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 16:33:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 15:37:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	100552	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	458779	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	262439	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	573082	20.00	ng	0.00
75) Chrysene-d12	21.77	240	642171	20.00	ng	0.00
86) Perylene-d12	24.17	264	569223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.82	112	750722	127.00	ng	0.00
7) Phenol-d6	7.47	99	1045482	117.02	ng	0.00
23) Nitrobenzene-d5	9.50	82	1187312	140.77	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	458395	121.54	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2685783	137.41	ng	0.00
78) Terphenyl-d14	20.22	244	4414568	158.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	145430	65.966	ng	# 100
3) Pyridine	4.02	79	400187	62.438	ng	# 81
4) n-Nitrosodimethylamine	3.92	42	308088	85.916	ng	# 46
6) Aniline	7.64	93	616499	54.392	ng	91
8) 2-Chlorophenol	7.88	128	446784	61.005	ng	96
9) Benzaldehyde	7.45	77	279122	49.079	ng	93
10) Phenol	7.50	94	516370	56.980	ng	90
11) bis(2-Chloroethyl)ether	7.73	93	408725	57.767	ng	88
12) 1,3-Dichlorobenzene	8.20	146	484702	61.915	ng	# 91
13) 1,4-Dichlorobenzene	8.35	146	496722	62.172	ng	95
14) 1,2-Dichlorobenzene	8.67	146	488606	62.584	ng	# 94
15) Benzyl Alcohol	8.56	79	446320	62.415	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.85	45	439285	37.358	ng	99
17) 2-Methylphenol	8.76	107	358473	56.227	ng	# 87
18) Hexachloroethane	9.40	117	201007	68.308	ng	97
19) n-Nitroso-di-n-propylamine	9.13	70	416103	61.593	ng	# 79
20) 3+4-Methylphenols	9.10	107	503619	57.121	ng	91
22) Acetophenone	9.16	105	748970	66.366	ng	# 88
24) Nitrobenzene	9.55	77	565367	63.940	ng	97
25) Isophorone	10.07	82	915220	53.856	ng	94
26) 2-Nitrophenol	10.26	139	254518	63.830	ng	# 65
27) 2,4-Dimethylphenol	10.30	122	373023	49.857	ng	# 84
28) bis(2-Chloroethoxy)methane	10.54	93	580644	58.126	ng	98
29) 2,4-Dichlorophenol	10.79	162	427636	61.324	ng	96
30) 1,2,4-Trichlorobenzene	11.00	180	479887	64.074	ng	97
31) Naphthalene	11.20	128	1455518	61.215	ng	99
32) Benzoic acid	10.50	122	260806	49.165	ng	# 84
33) 4-Chloroaniline	11.31	127	617651	58.543	ng	# 89
34) Hexachlorobutadiene	11.45	225	318330	73.149	ng	96
35) Caprolactam	12.14	113	137628	51.477	ng	92
36) 4-Chloro-3-methylphenol	12.42	107	487622	58.819	ng	88
37) 2-Methylnaphthalene	12.78	142	1060725	59.357	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	536202	66.268	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	221679	56.338	ng	97

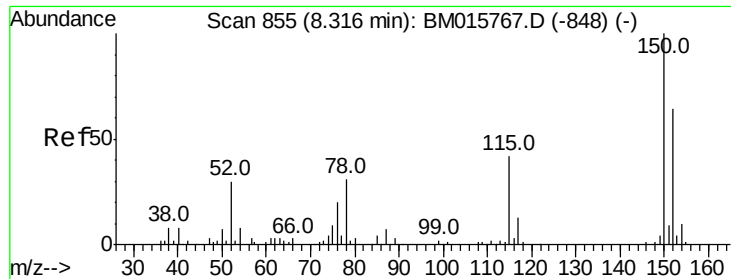
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015769.D
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 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 16:33:12 2018
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 QLast Update : Thu Jul 05 15:37:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	352074	64.219	nq	98
43) 2,4,5-Trichlorophenol	13.46	196	374500	62.220	nq #	86
45) 1,1'-Biphenyl	13.77	154	1412987	65.141	nq	99
46) 2-Chloronaphthalene	13.83	162	1059245	63.692	nq #	93
47) 2-Nitroaniline	14.03	65	374511	68.139	nq #	81
48) Acenaphthylene	14.66	152	1743163	65.368	nq	100
49) Dimethylphthalate	14.39	163	1430139	63.467	nq	99
50) 2,6-Dinitrotoluene	14.52	165	292115	60.971	nq #	77
51) Acenaphthene	15.00	154	1070877	65.837	nq	98
52) 3-Nitroaniline	14.86	138	308718	60.676	nq #	78
53) 2,4-Dinitrophenol	15.07	184	132364	50.037	nq	94
54) Dibenzofuran	15.33	168	1640608	62.663	nq #	87
55) 4-Nitrophenol	15.15	139	235885	52.491	nq #	71
56) 2,4-Dinitrotoluene	15.31	165	409660	61.551	nq	90
57) Fluorene	15.97	166	1379060	64.023	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	314569	56.495	nq #	100
59) Diethylphthalate	15.73	149	1533181	65.918	nq	97
60) 4-Chlorophenyl-phenylether	15.96	204	711565	66.463	nq	92
61) 4-Nitroaniline	16.02	138	307238	54.529	nq #	45
62) Azobenzene	16.25	77	1464773	67.602	nq	83
64) 4,6-Dinitro-2-methylphenol	16.07	198	228318	69.162	nq	87
65) n-Nitrosodiphenylamine	16.17	169	1247748	70.506	nq	98
66) 4-Bromophenyl-phenylether	16.85	248	413538	67.390	nq #	86
67) Hexachlorobenzene	16.97	284	457991	64.904	nq #	82
68) Atrazine	17.11	200	401692	65.185	nq	98
69) Pentachlorophenol	17.31	266	287114	69.273	nq	98
70) Phenanthrene	17.70	178	2054988	63.568	nq	99
71) Anthracene	17.79	178	2057913	62.160	nq	98
72) Carbazole	18.06	167	1901308	61.980	nq	98
73) Di-n-butylphthalate	18.58	149	2630561	68.506	nq #	98
74) Fluoranthene	19.68	202	2397744	61.655	nq	98
76) Benzidine	19.86	184	844354	38.627	nq	98
77) Pyrene	20.04	202	2501304	64.445	nq	100
79) Butylbenzylphthalate	20.89	149	1252203	67.073	nq #	86
80) Benzo(a)anthracene	21.75	228	2526012	61.781	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	904743	56.216	nq	99
82) Chrysene	21.81	228	2321367	61.217	nq	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1834611	66.415	nq	96
84) Di-n-octyl phthalate	22.56	149	3011301	62.499	nq #	92
85) Indeno(1,2,3-cd)pyrene	26.66	276	2163511	41.908	nq #	93
87) Benzo(b)fluoranthene	23.44	252	2378965	68.836	nq #	96
88) Benzo(k)fluoranthene	23.49	252	2265498	68.884	nq	99
89) Benzo(a)pyrene	24.07	252	2092663	62.651	nq	99
90) Dibenzo(a,h)anthracene	26.66	278	1894980	54.606	nq	98
91) Benzo(g,h,i)perylene	27.43	276	1616251	48.033	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

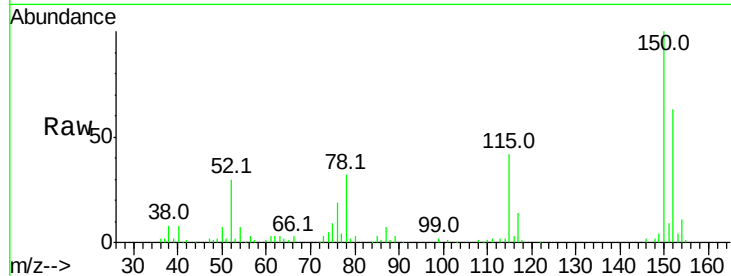
Tot Ion:152 Resp: 100552

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

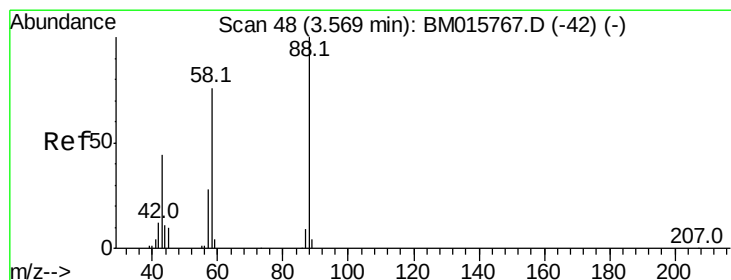
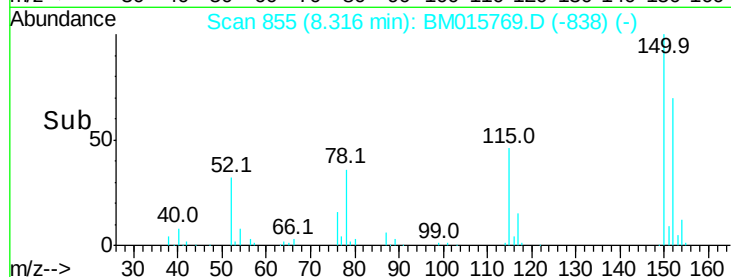
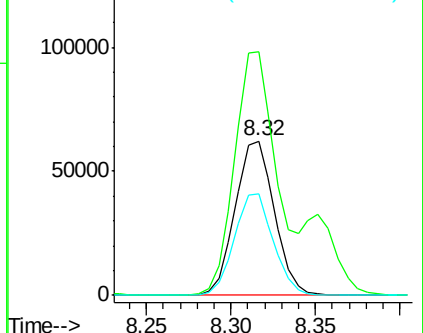
115 66.1 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 65.966 ng

RT: 3.57 min Scan# 48

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

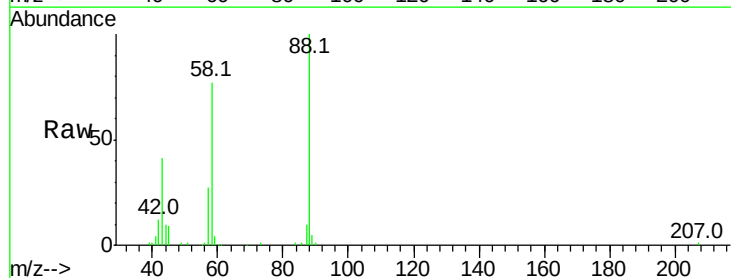
Tgt Ion: 88 Resp: 145430

Ion Ratio Lower Upper

88 100

58 77.4 0.0 0.0#

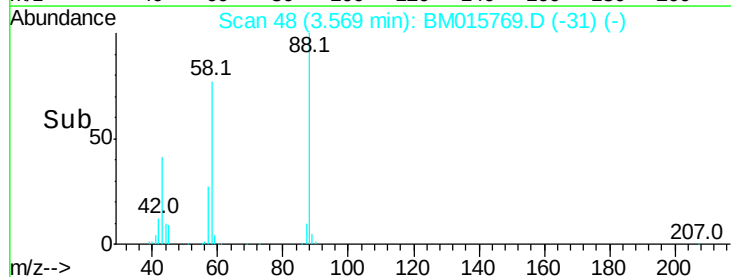
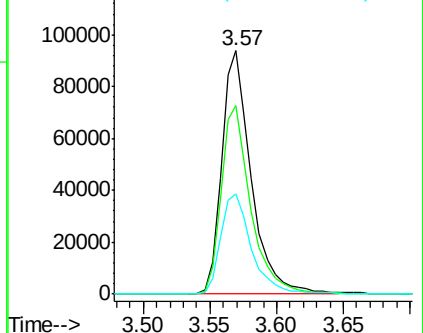
43 43.1 0.0 0.0#

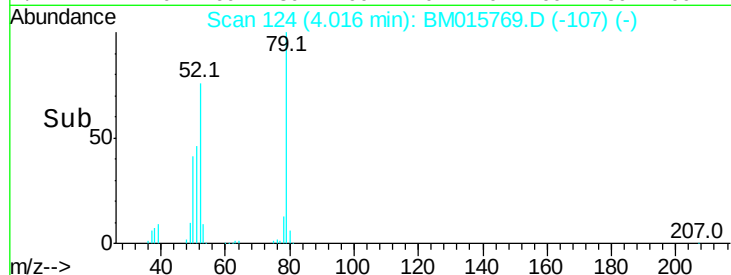
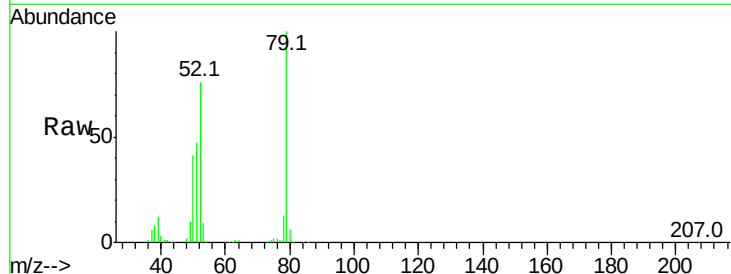
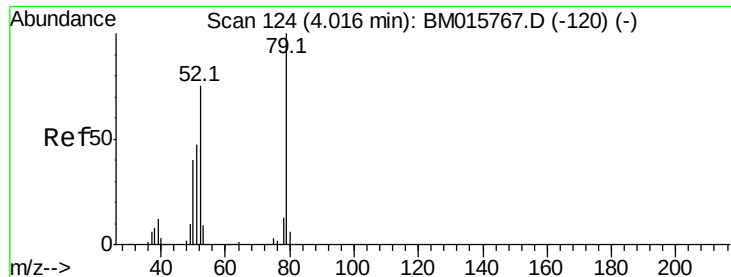


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

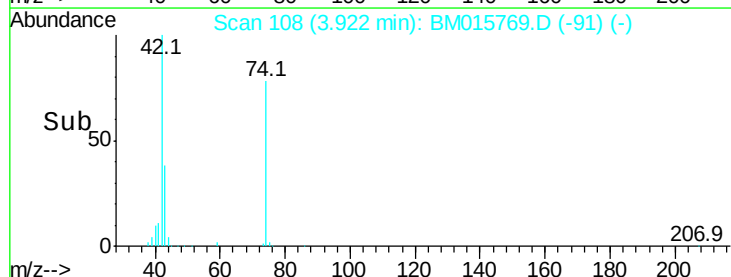
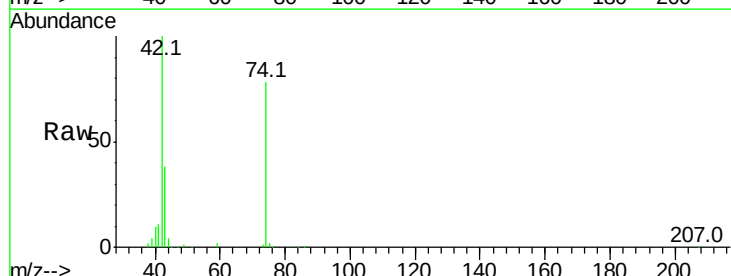
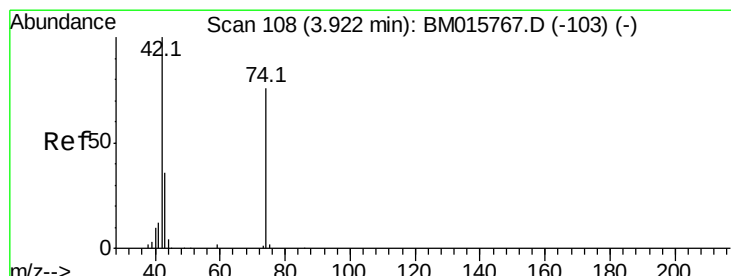
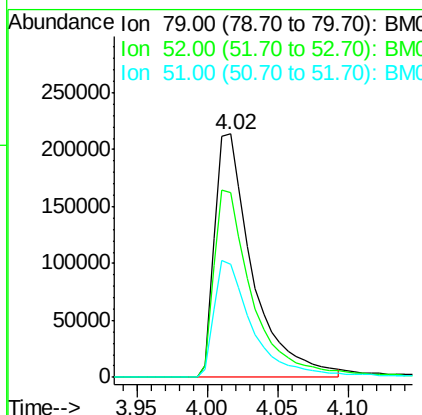




#3
 Pvridine
 Concen: 62.438 ng
 RT: 4.02 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

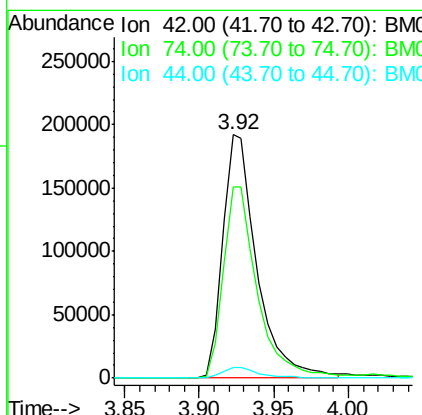
Instrument :
 BNA_M
 ClientSampleId :

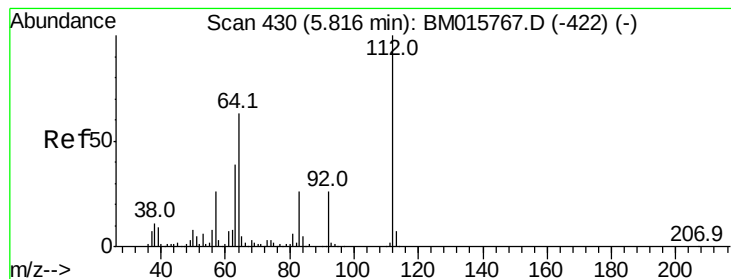
Tot Ion: 79 Resp: 400187
 Ion Ratio Lower Upper
 79 100
 52 76.1 51.1 76.7
 51 46.5 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 85.916 ng
 RT: 3.92 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion: 42 Resp: 308088
 Ion Ratio Lower Upper
 42 100
 74 78.3 119.3 178.9#
 44 4.5 5.4 8.2#

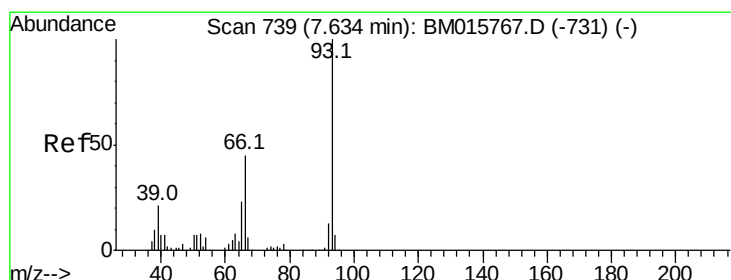
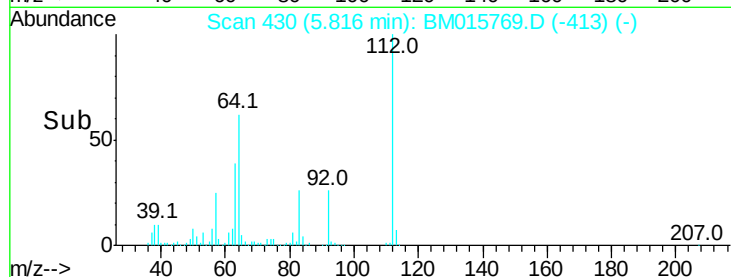
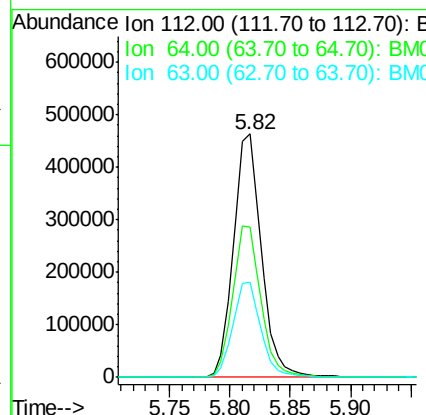
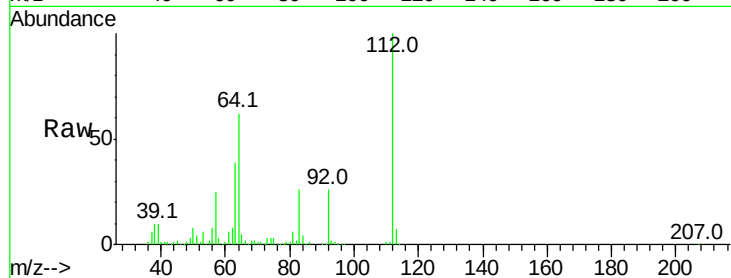




#5
2-Fluorophenol
Concen: 85.916 ng
RT: 5.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

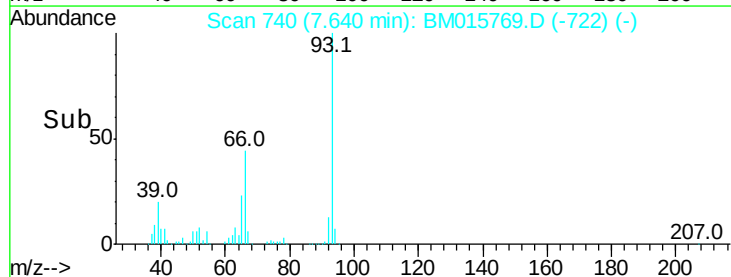
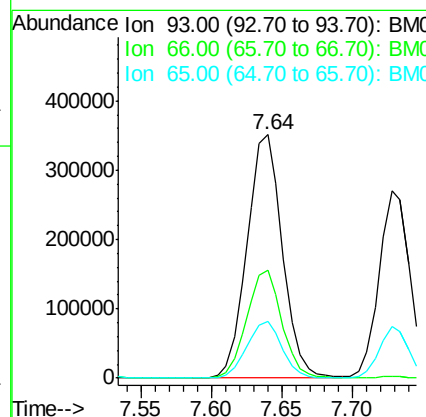
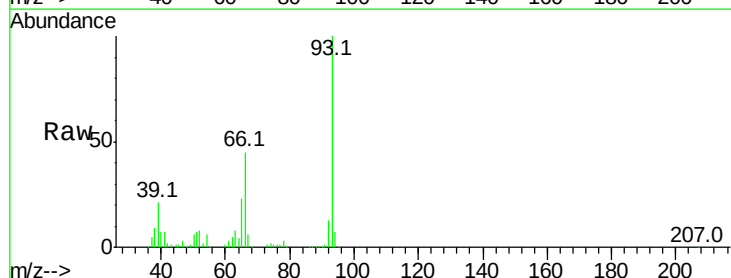
Instrument :
BNA_M
ClientSampled :

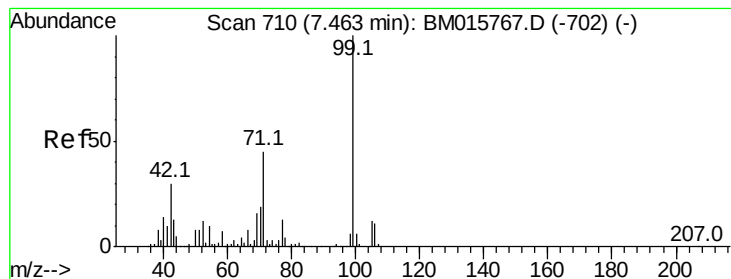
Tot Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	39.2	19.3	28.9#



#6
Aniline
Concen: 54.392 ng
RT: 7.64 min Scan# 740
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.6	30.8	46.2
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 54.392 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

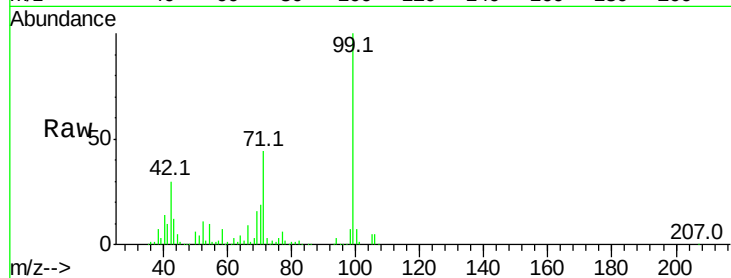
Tot Ion: 99 Resp: 1045482

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

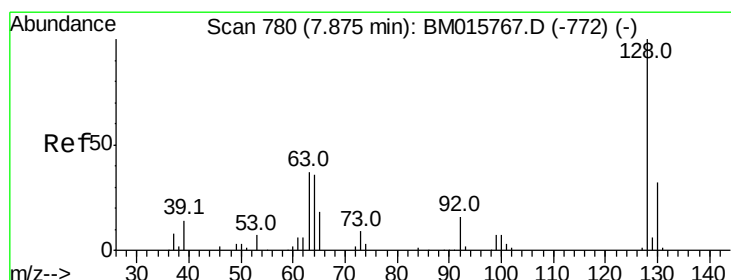
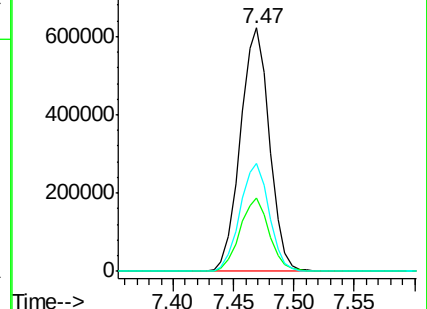
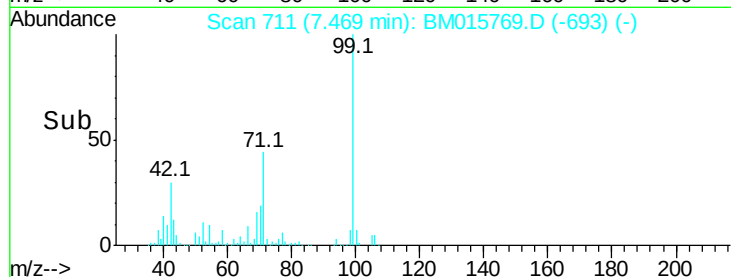
71 44.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015769.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015769.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015769.D (-693) (-)



#8

2-Chlorophenol

Concen: 61.005 ng

RT: 7.88 min Scan# 780

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

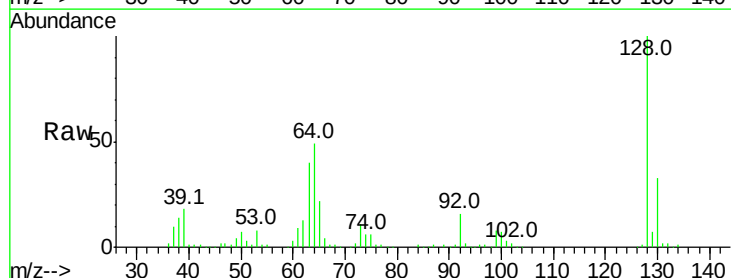
Tgt Ion: 128 Resp: 446784

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

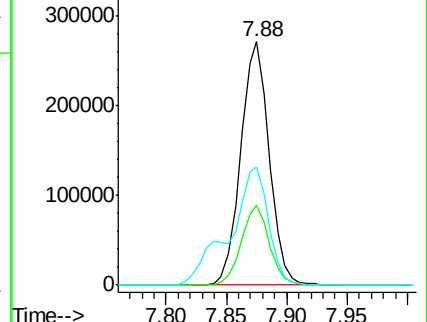
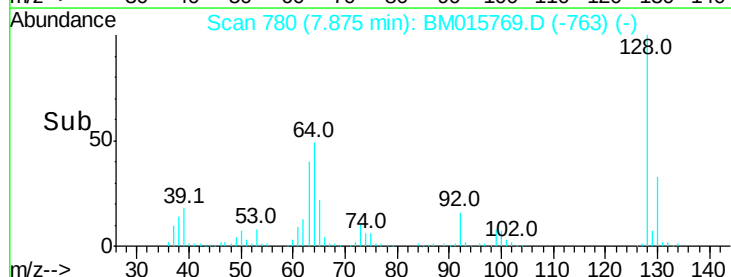
64 48.6 24.9 64.9

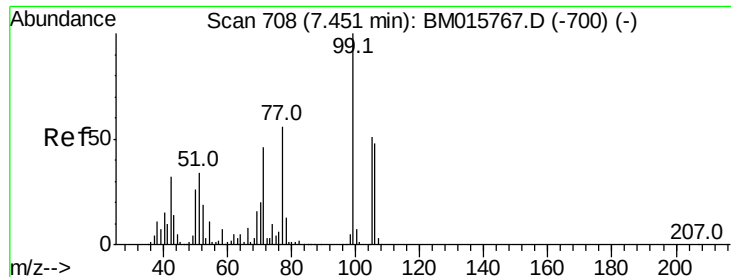


Abundance Ion 128.00 (127.70 to 128.70): BM015769.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015769.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015769.D (-763) (-)





#9

Benzaldehyde

Concen: 49.079 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

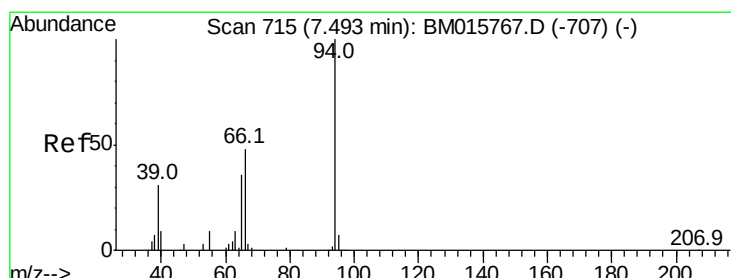
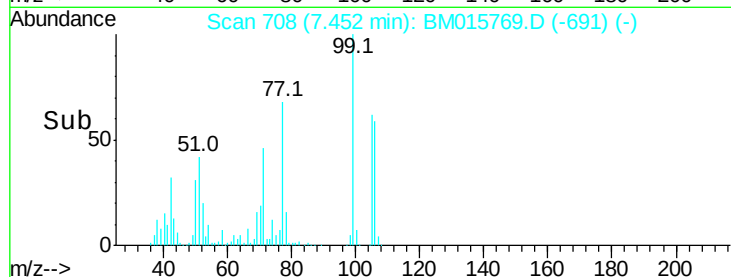
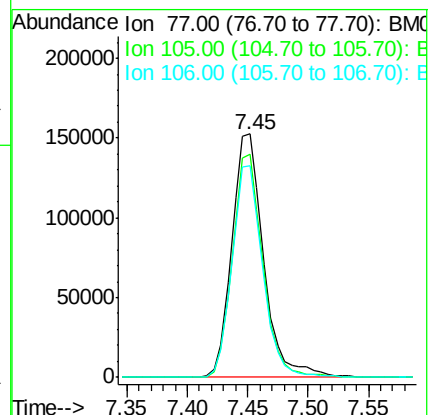
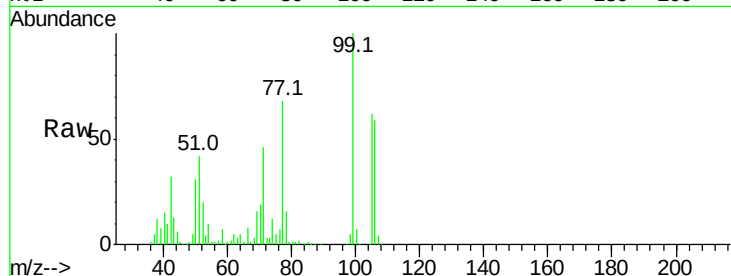
Tot Ion: 77 Resp: 279122

Ion Ratio Lower Upper

77 100

105 91.8 78.8 118.8

106 87.0 73.7 113.7



#10

Phenol

Concen: 56.980 ng

RT: 7.50 min Scan# 716

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

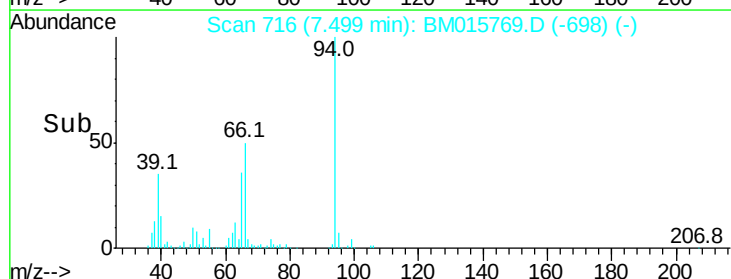
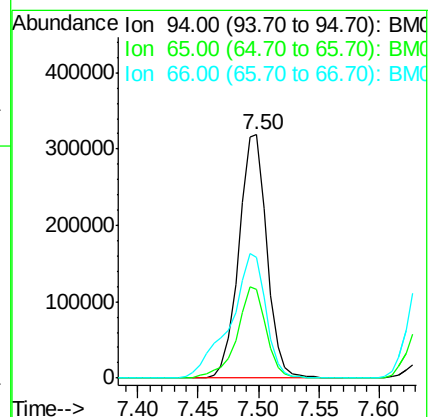
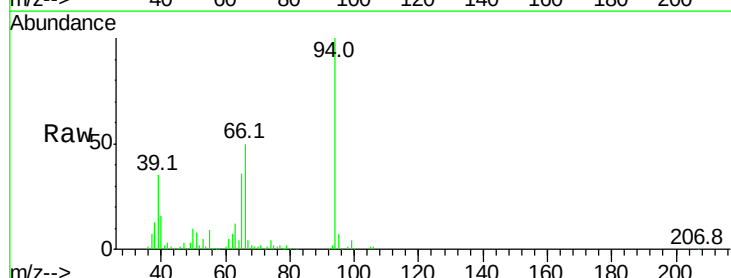
Tgt Ion: 94 Resp: 516370

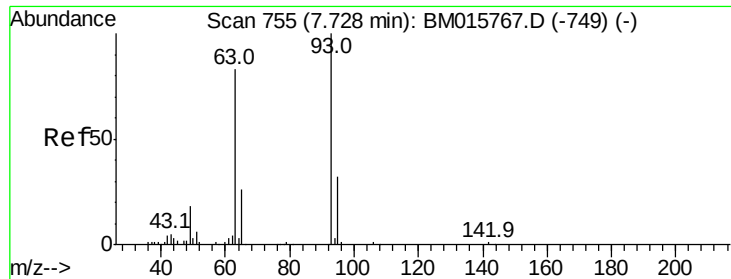
Ion Ratio Lower Upper

94 100

65 36.3 18.8 58.8

66 49.5 39.9 79.9

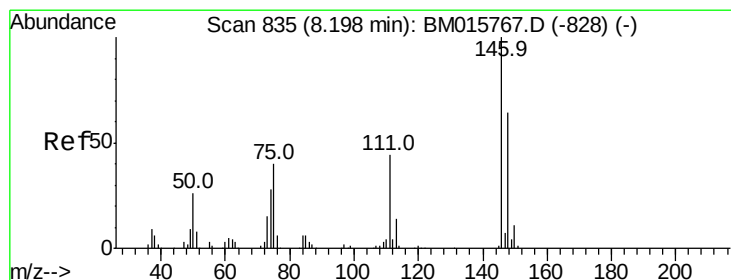
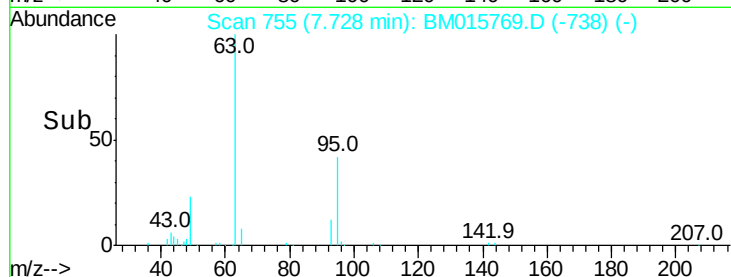
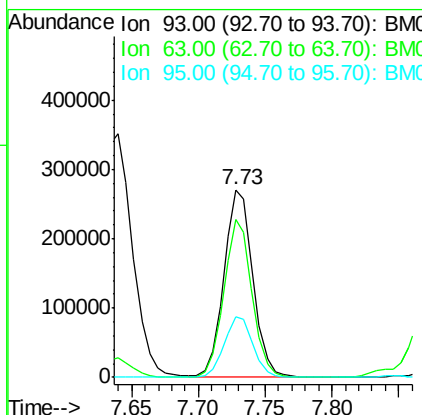
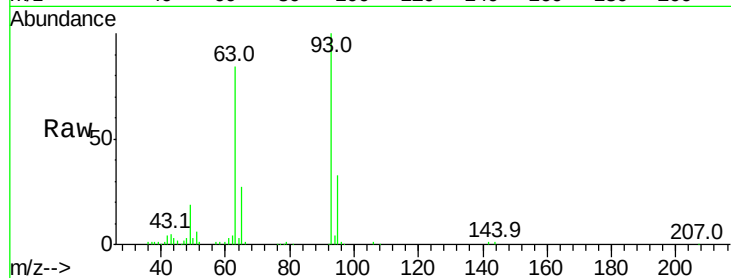




#11
bis(2-Chloroethyl)ether
Concen: 57.767 ng
RT: 7.73 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

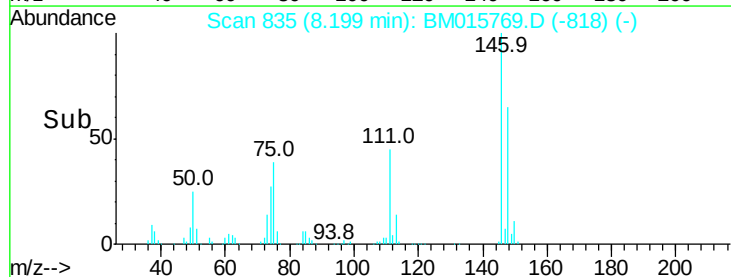
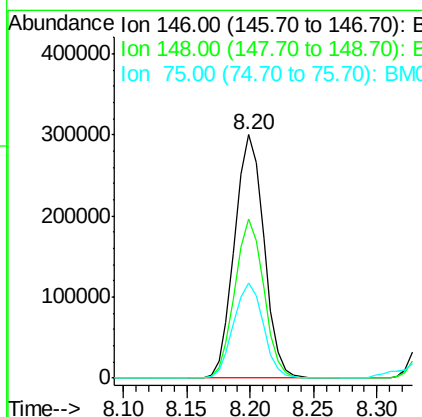
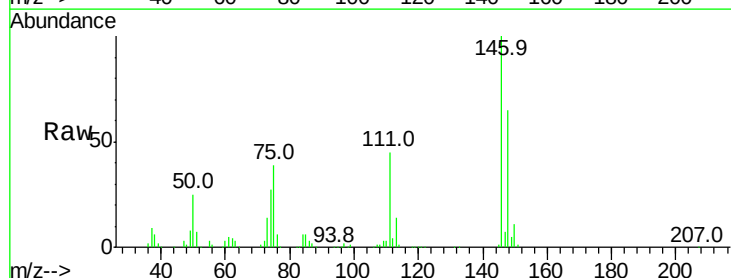
Instrument :
BNA_M
ClientSampleId :

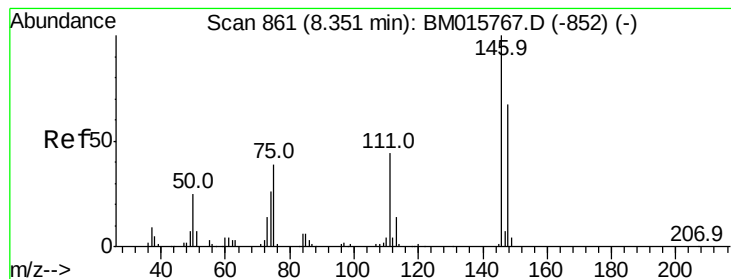
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.8	49.5	89.5
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 61.915 ng
RT: 8.20 min Scan# 835
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
75	39.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 62.172 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

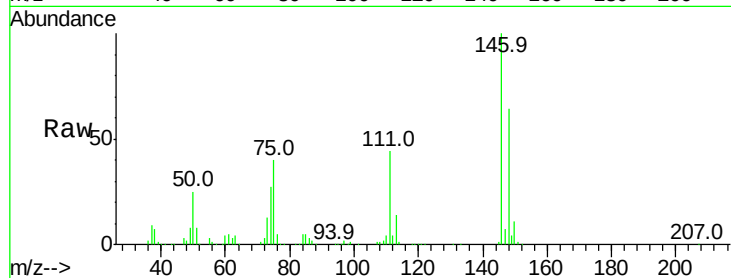
Tot Ion:146 Resp: 496722

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

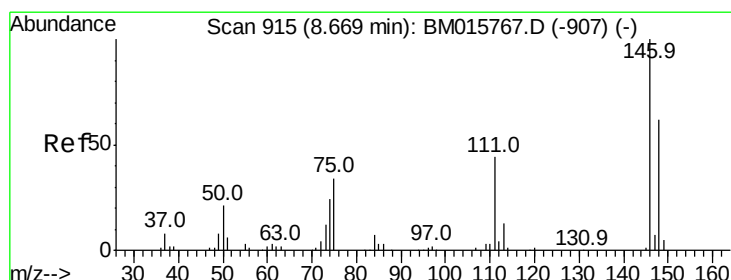
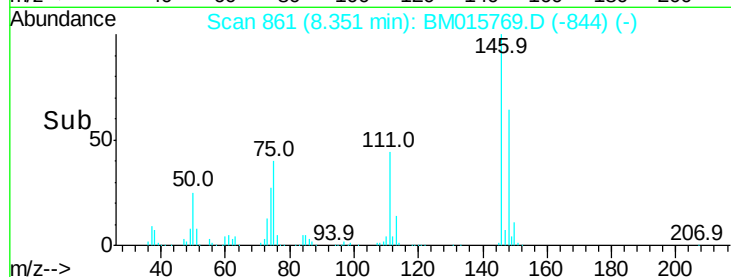
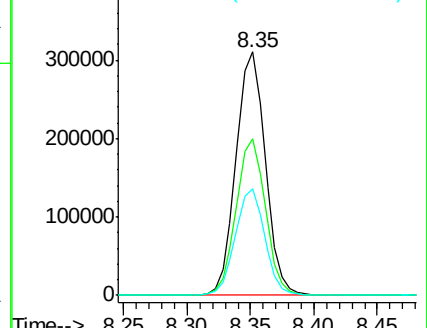
111 43.6 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 62.584 ng

RT: 8.67 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

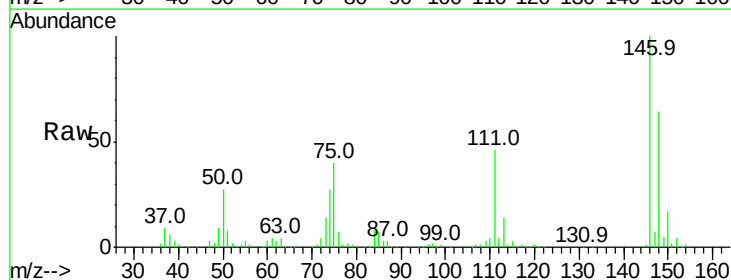
Tgt Ion:146 Resp: 488606

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

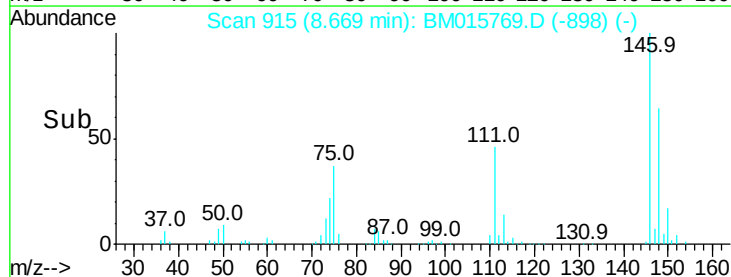
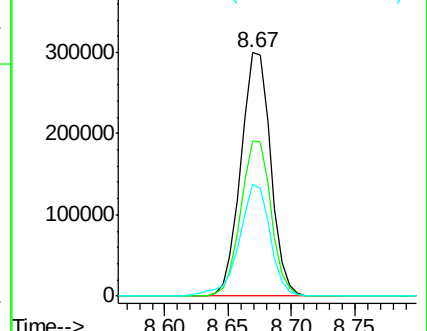
111 46.2 30.6 45.8#

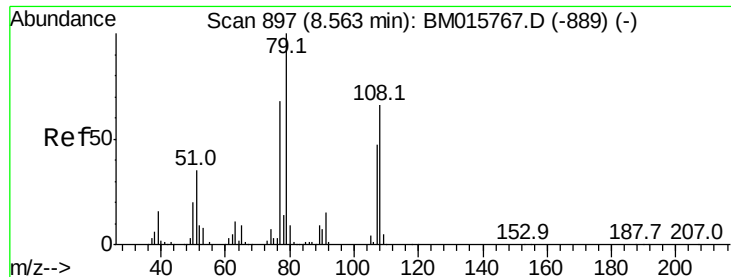


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 62.415 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

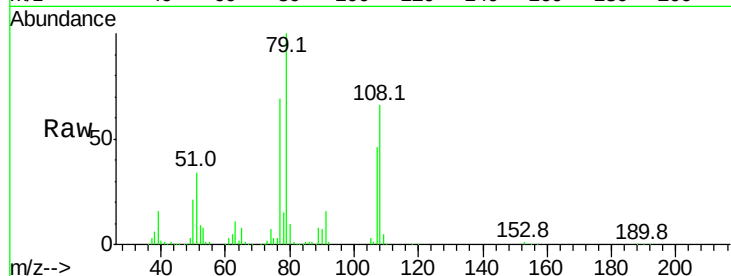
Tot Ion: 79 Resp: 446320

Ion Ratio Lower Upper

79 100

108 66.1 65.0 97.4

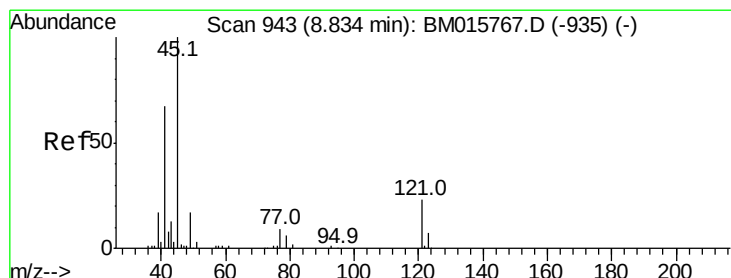
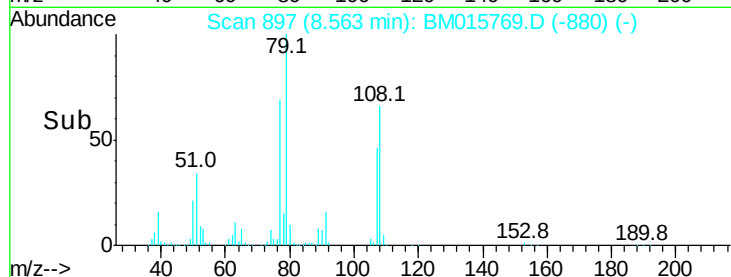
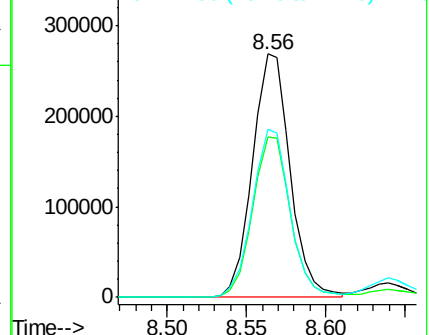
77 69.0 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015769.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015769.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015769.D (-889) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.358 ng

RT: 8.85 min Scan# 945

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

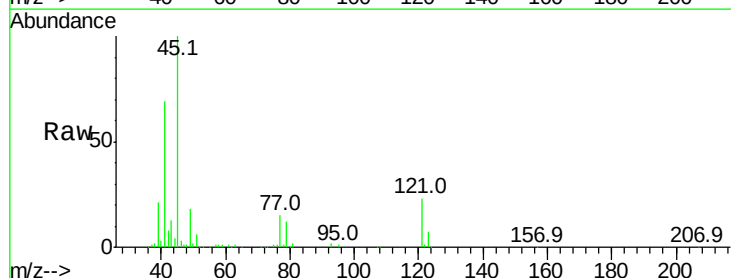
Tgt Ion: 45 Resp: 439285

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.2

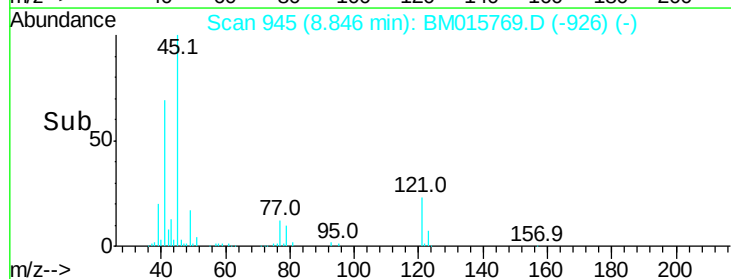
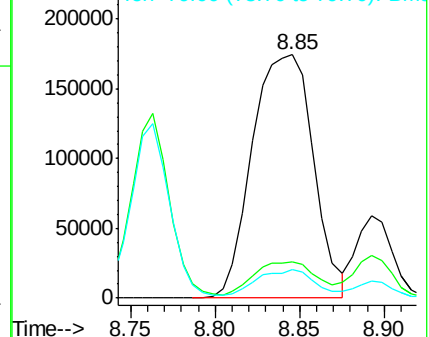
79 11.6 0.0 32.0

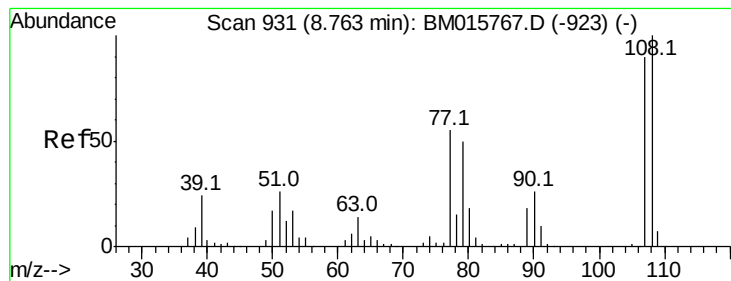


Abundance Ion 45.00 (44.70 to 45.70): BM015769.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015769.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015769.D (-926) (-)

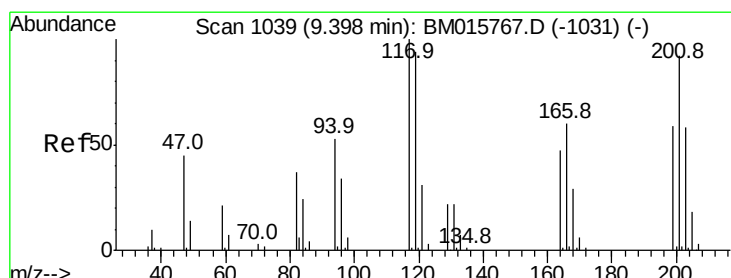
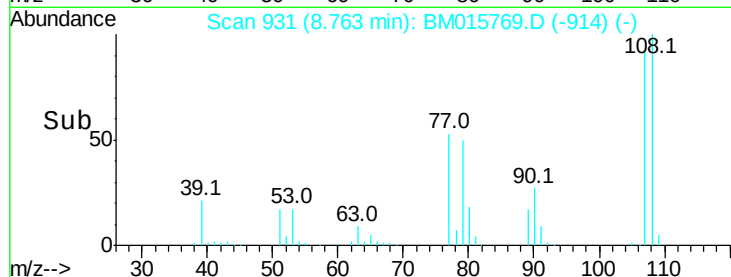
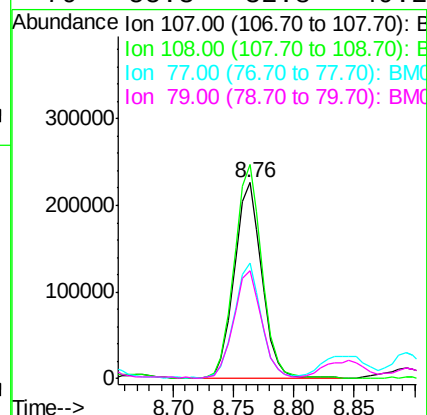
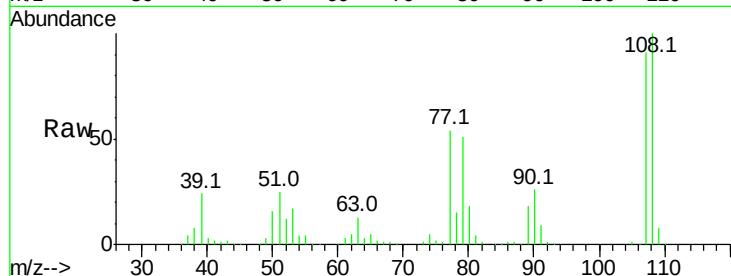




#17
2-Methylphenol
Concen: 56.227 ng
RT: 8.76 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

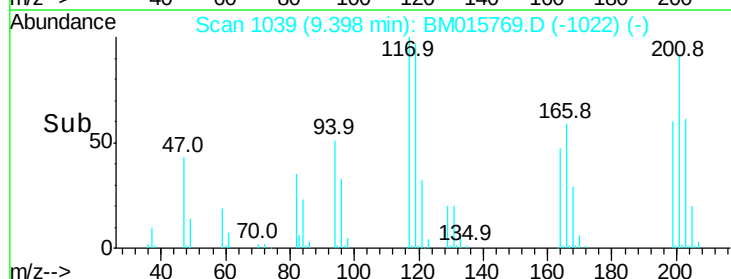
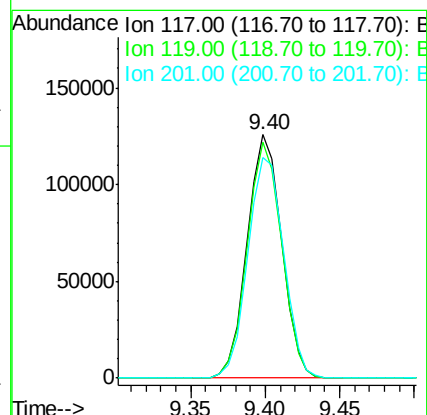
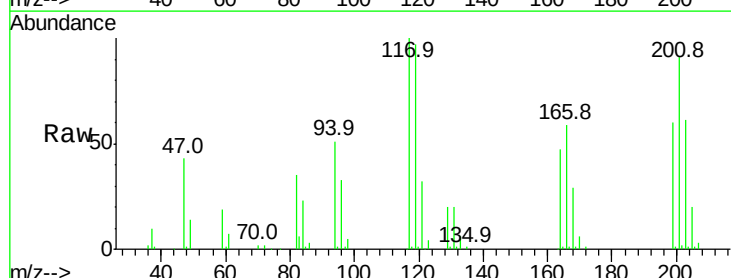
Instrument :
BNA_M
ClientSampleId :

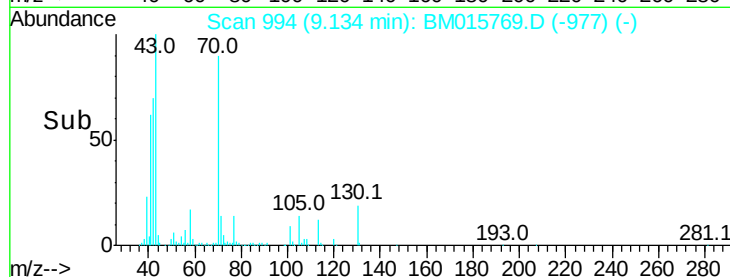
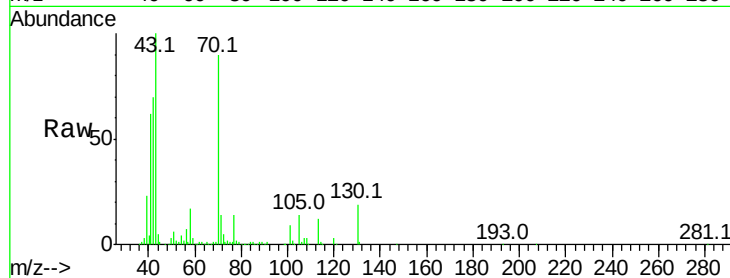
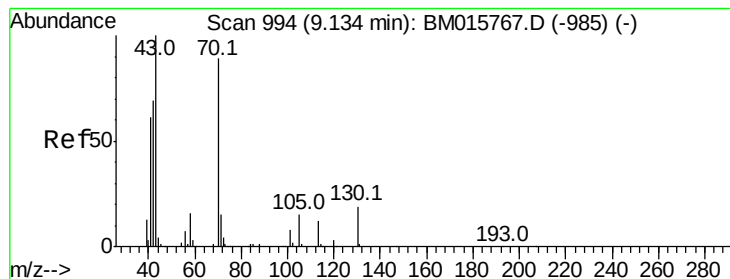
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.8
77	58.7	32.6	48.8#
79	55.3	32.8	49.2#



#18
Hexachloroethane
Concen: 68.308 ng
RT: 9.40 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.2	118.8
201	90.7	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 61.593 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM015769.D

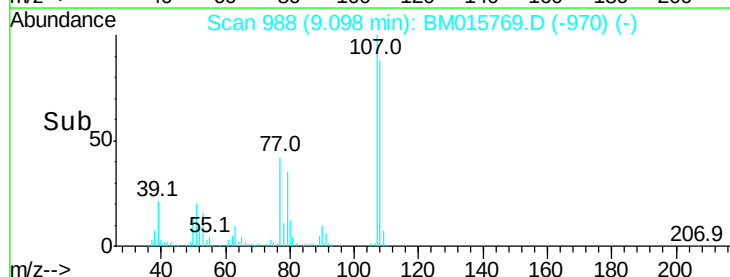
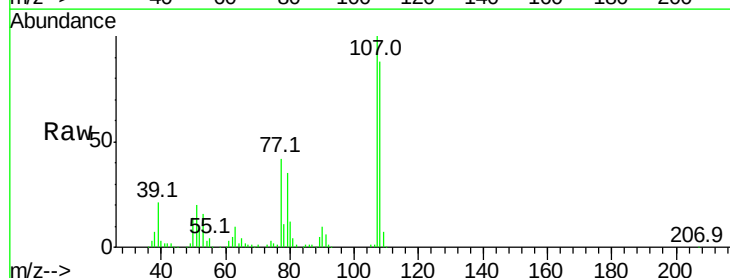
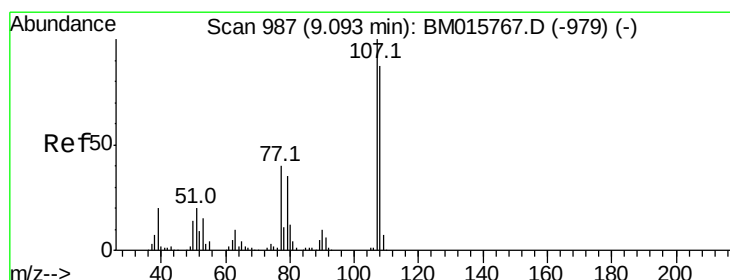
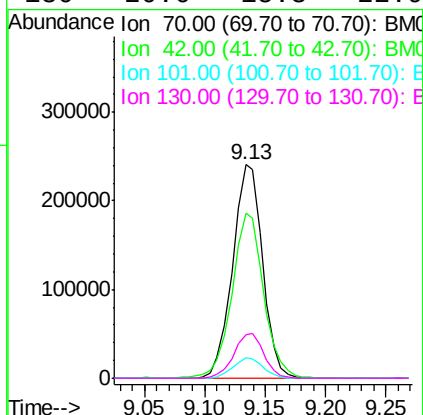
Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	416103
Ion	Ratio	Lower	Upper
70	100		
42	77.4	44.5	66.7#
101	9.7	7.4	11.2
130	20.6	15.3	22.9



#20

3+4-Methylphenols

Concen: 57.121 ng

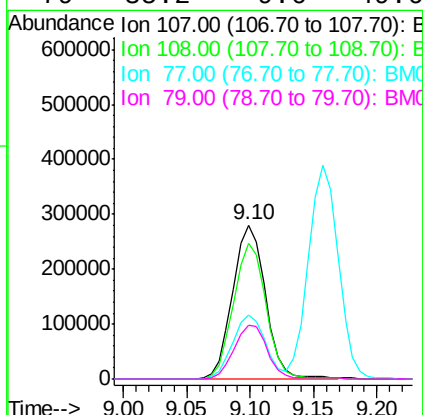
RT: 9.10 min Scan# 988

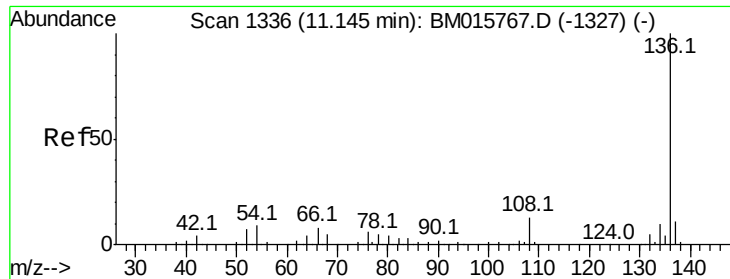
Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Tgt Ion:	107	Resp:	503619
Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.2	113.2
77	41.9	10.7	50.7
79	35.2	9.6	49.6

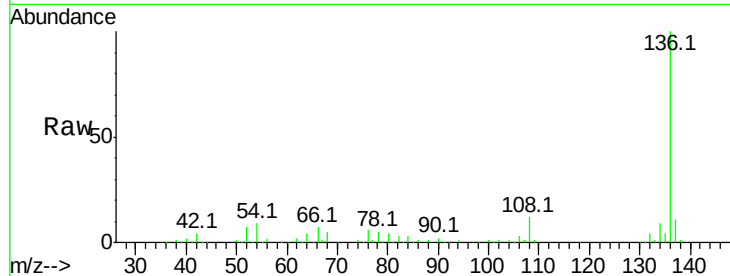




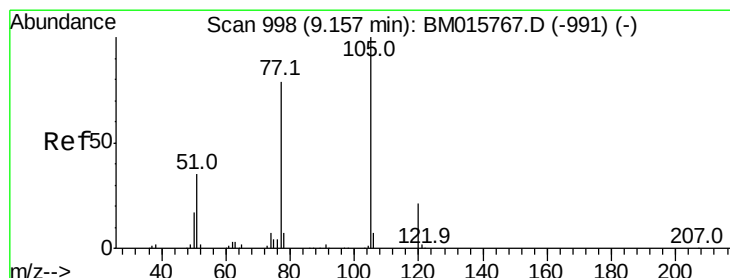
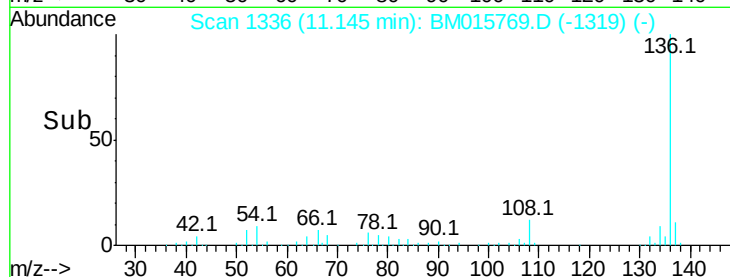
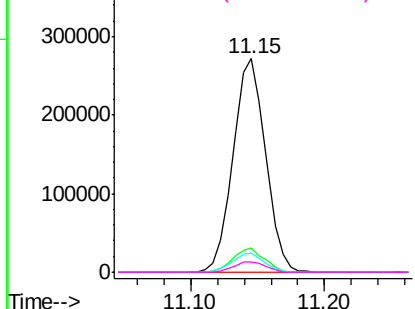
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	458779
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	9.0	4.6 6.8#
68	4.8	3.7 5.5

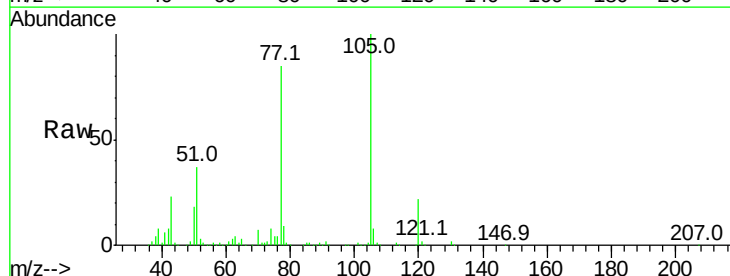


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

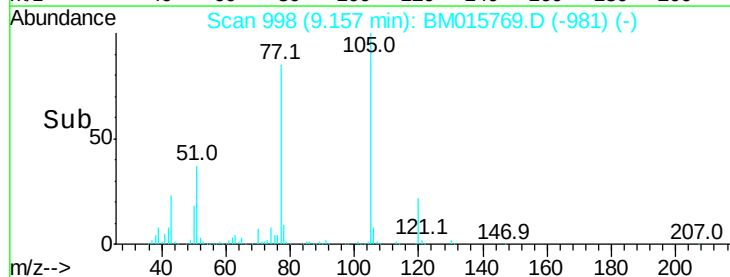
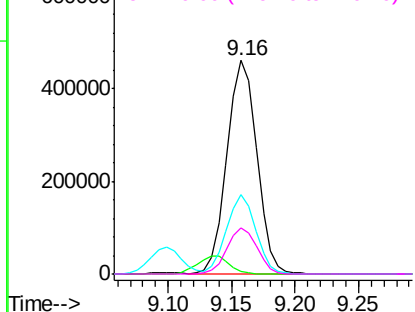


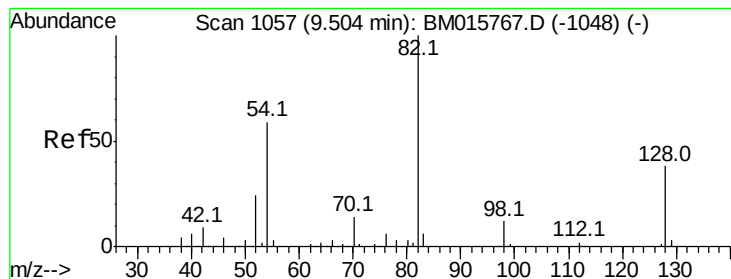
#22
Acetophenone
Concen: 66.366 ng
RT: 9.16 min Scan# 998
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:105	Resp:	748970
Ion	Ratio	Lower Upper
105	100	
71	1.2	0.6 1.0#
51	37.0	21.6 32.4#
120	21.6	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 66.366 ng

RT: 9.50 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

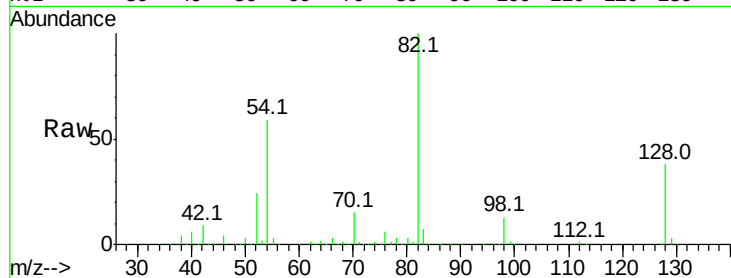
Tot Ion: 82 Resp: 1187312

Ion Ratio Lower Upper

82 100

128 38.0 32.8 49.2

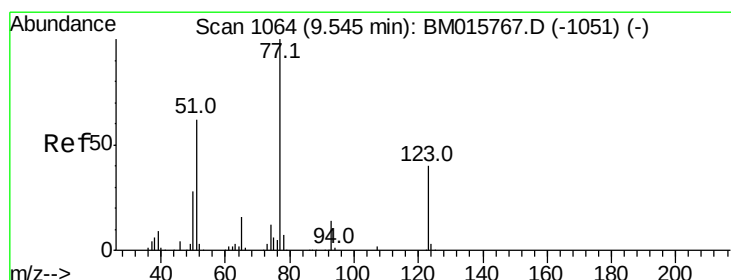
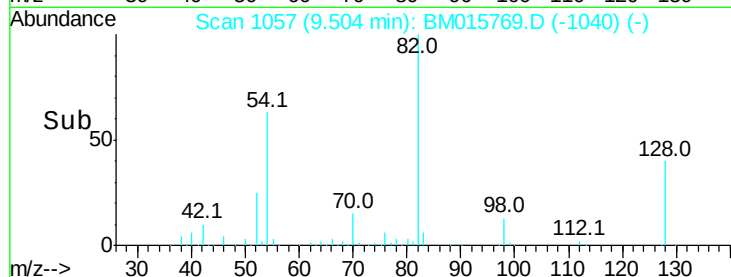
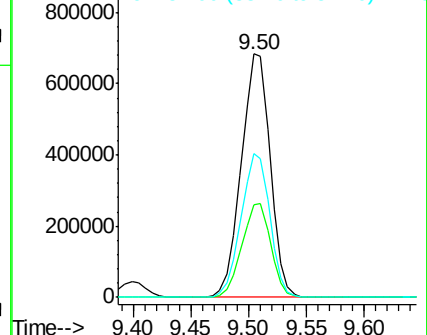
54 59.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015769.D (-1048) (-)

Ion 128.00 (127.70 to 128.70): BM015769.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015769.D (-1048) (-)



#24

Nitrobenzene

Concen: 63.940 ng

RT: 9.55 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

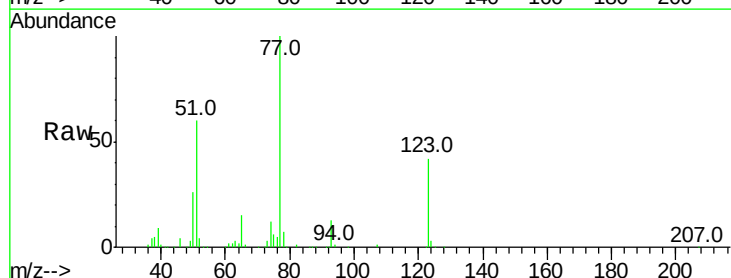
Tgt Ion: 77 Resp: 565367

Ion Ratio Lower Upper

77 100

123 42.2 32.6 49.0

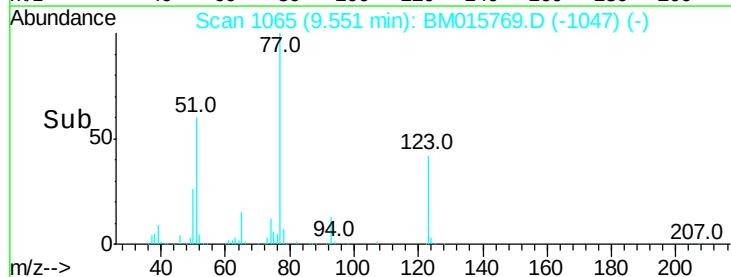
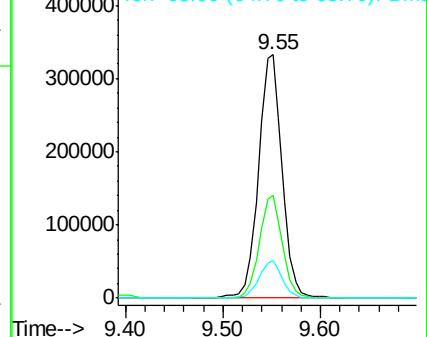
65 15.3 10.9 16.3

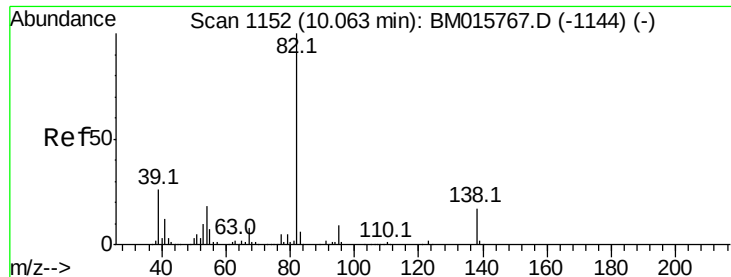


Abundance Ion 77.00 (76.70 to 77.70): BM015769.D (-1047) (-)

Ion 123.00 (122.70 to 123.70): BM015769.D (-1047) (-)

Ion 65.00 (64.70 to 65.70): BM015769.D (-1047) (-)





#25

Isophorone

Concen: 53.856 ng

RT: 10.07 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

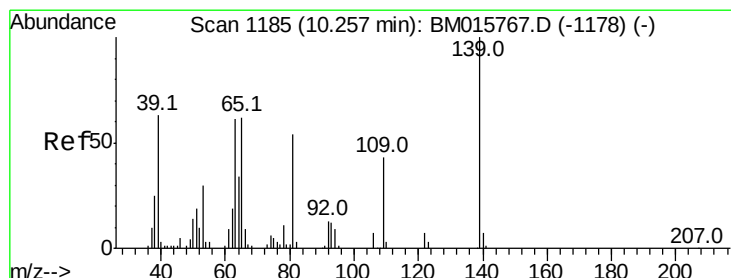
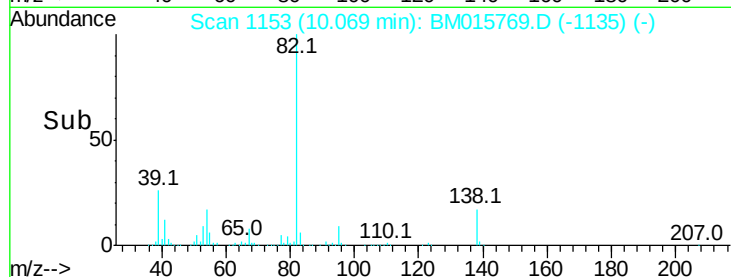
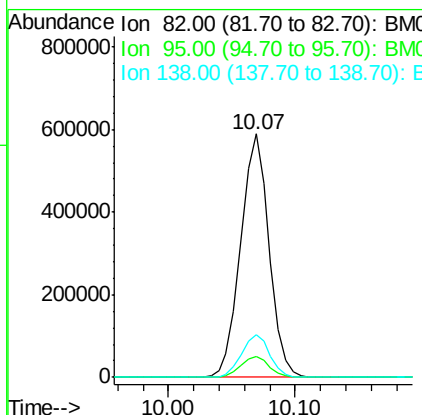
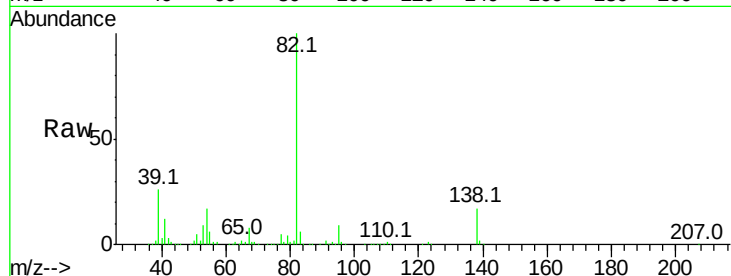
Tot Ion: 82 Resp: 915220

Ion Ratio Lower Upper

82 100

95 8.6 5.8 8.6

138 17.5 16.3 24.5



#26

2-Nitrophenol

Concen: 63.830 ng

RT: 10.26 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

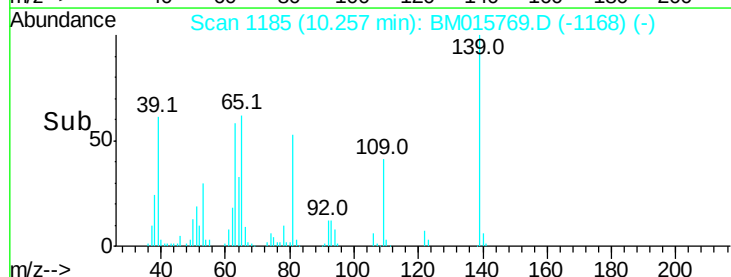
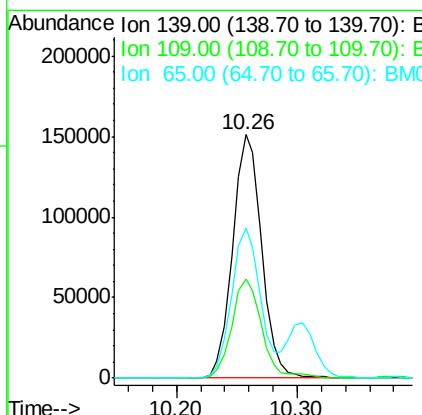
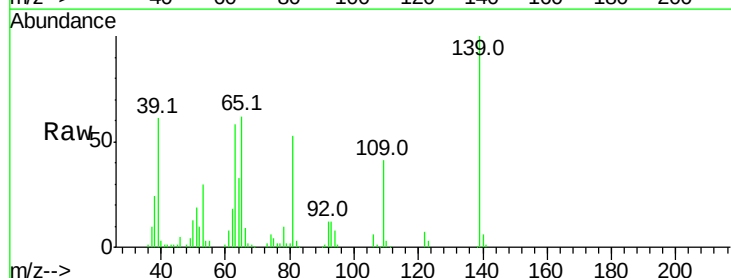
Tgt Ion: 139 Resp: 254518

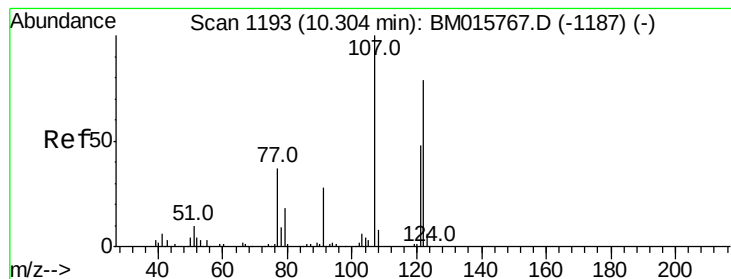
Ion Ratio Lower Upper

139 100

109 40.8 20.1 30.1#

65 61.9 31.5 47.3#

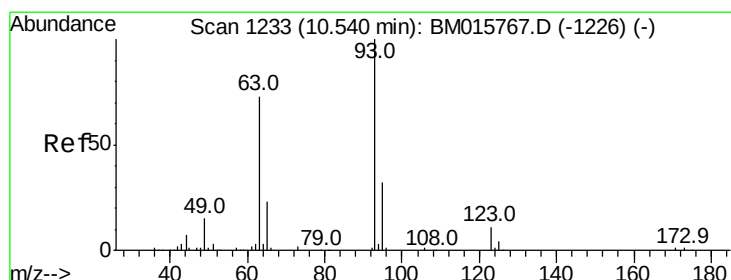
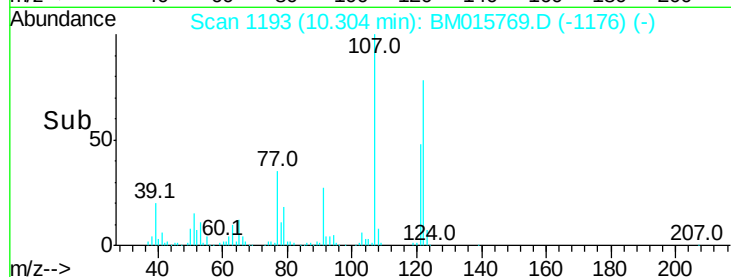
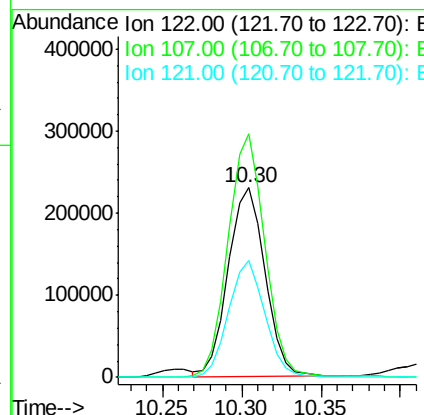
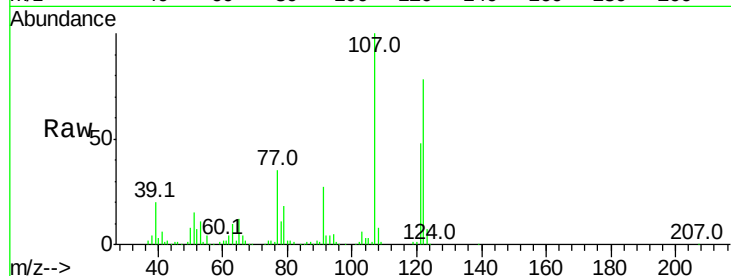




#27
 2,4-Dimethylphenol
 Concen: 49.857 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

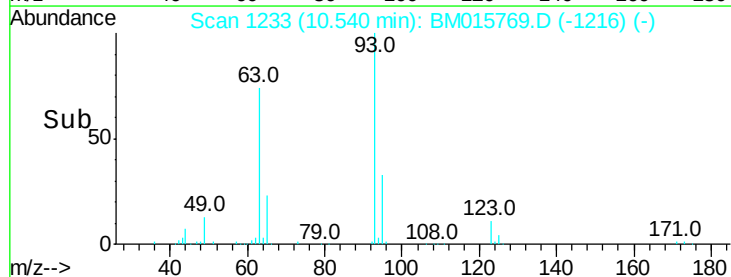
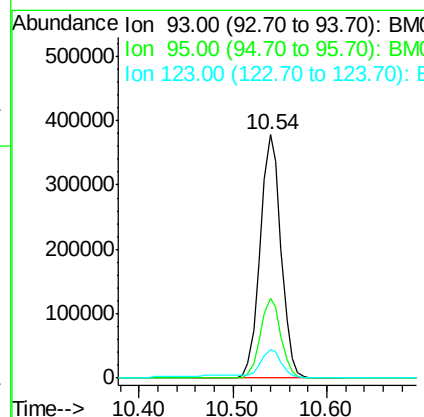
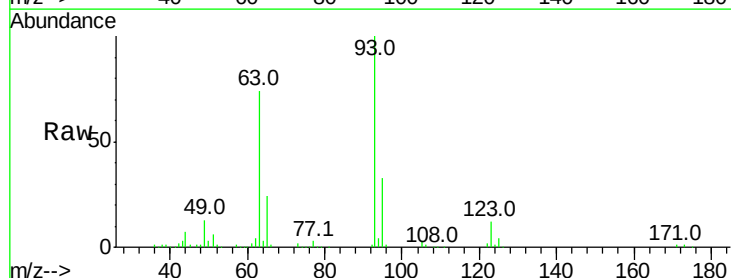
Instrument :
 BNA_M
 ClientSampleId :

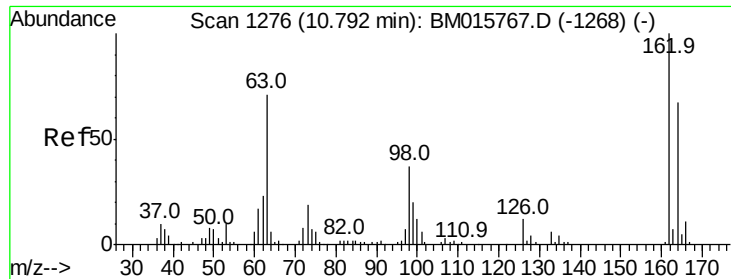
Tot Ion:122 Resp: 373023
 Ion Ratio Lower Upper
 122 100
 107 128.3 84.7 127.1#
 121 61.9 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.126 ng
 RT: 10.54 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion: 93 Resp: 580644
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.5 38.3
 123 11.7 8.6 13.0

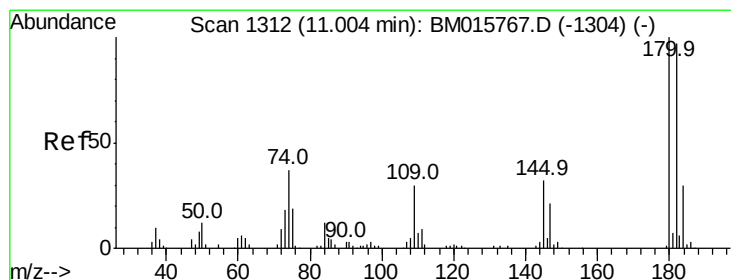
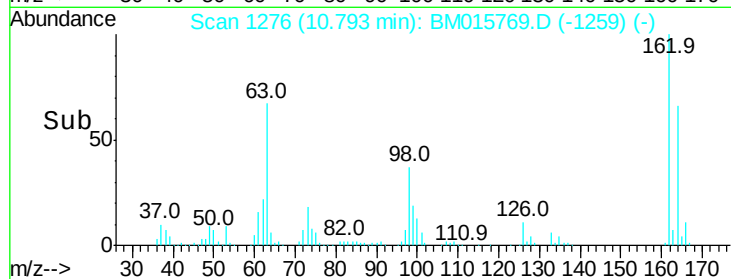
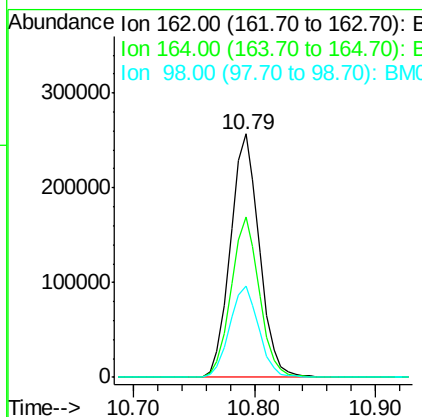
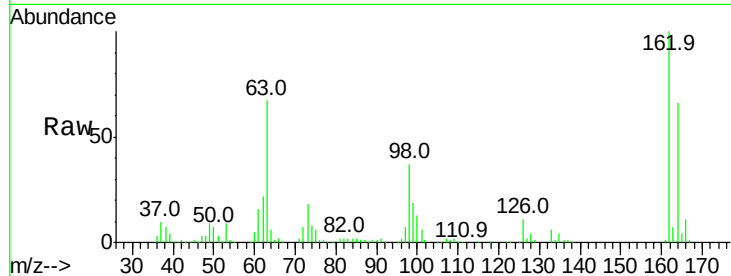




#29
 2,4-Dichlorophenol
 Concen: 61.324 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

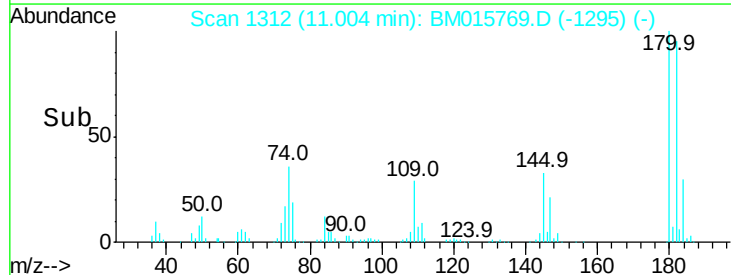
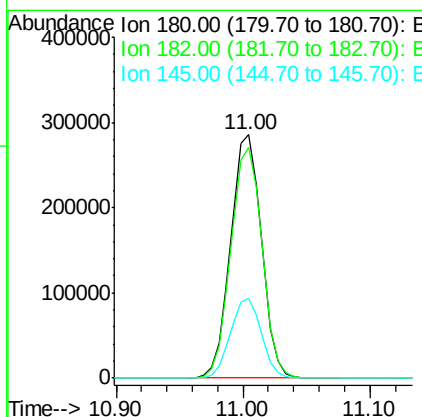
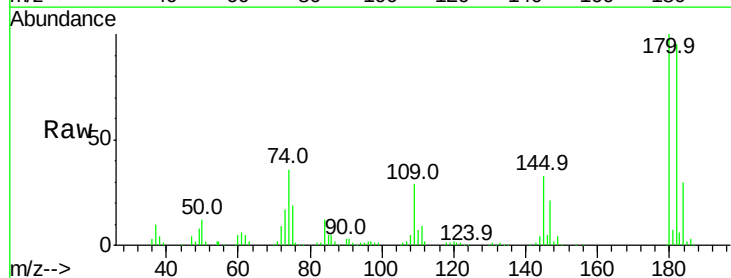
Instrument :
 BNA_M
 ClientSampleId :

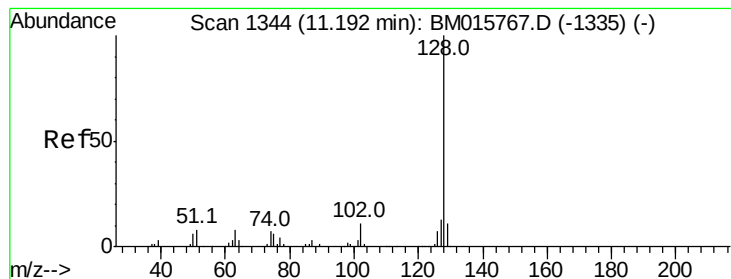
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.8	82.8
98	37.4	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 64.074 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.6	116.4
145	32.8	23.4	35.2

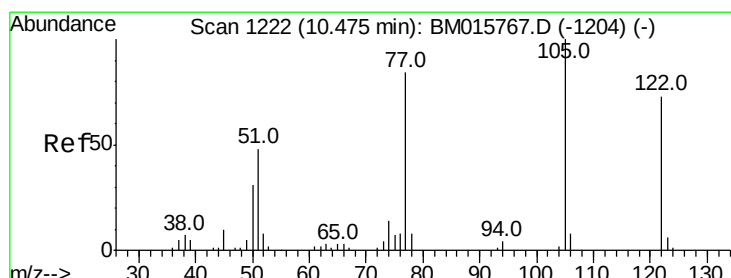
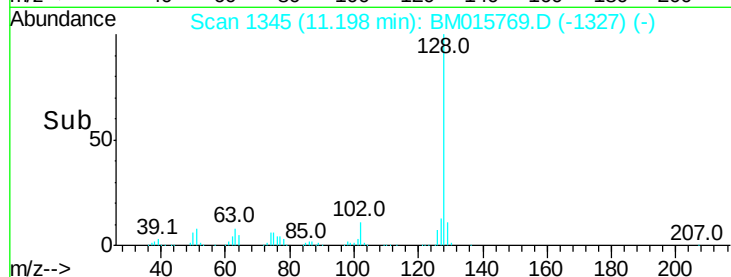
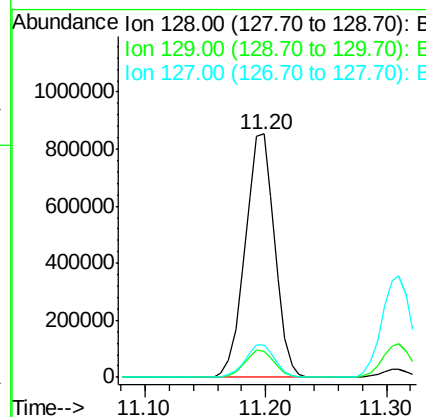
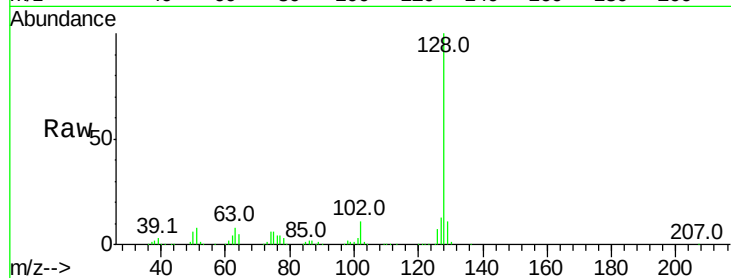




#31
Naphthalene
Concen: 61.215 ng
RT: 11.20 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

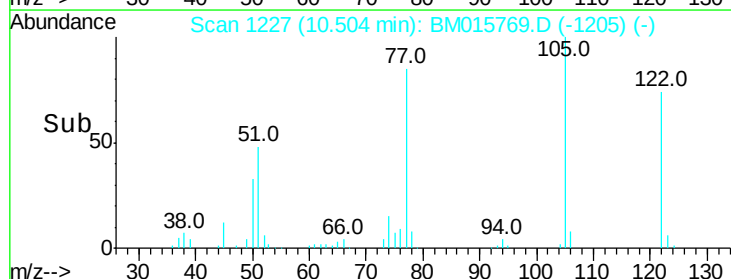
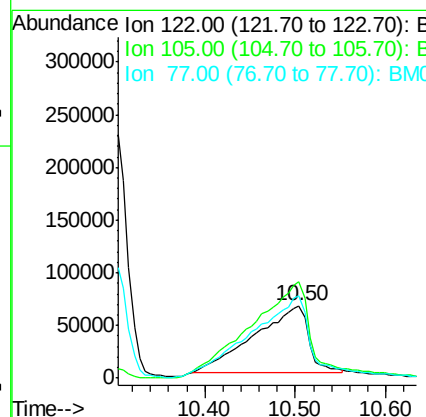
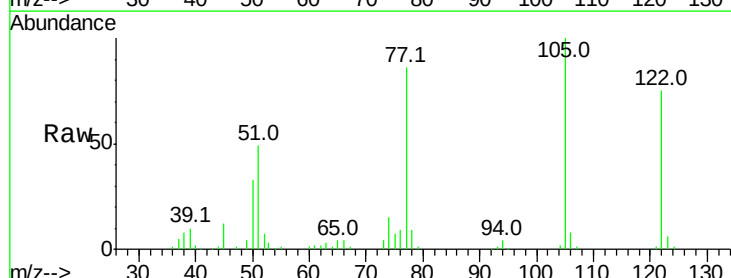
Instrument :
BNA_M
ClientSampleId :

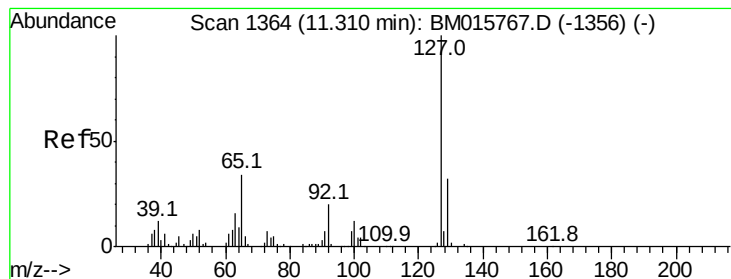
Tot Ion:128 Resp: 1455518
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 49.165 ng
RT: 10.50 min Scan# 1227
Delta R.T. 0.03 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:122 Resp: 260806
Ion Ratio Lower Upper
122 100
105 133.1 99.9 139.9
77 114.1 73.7 113.7#





#33

4-Chloroaniline

Concen: 58.543 ng

RT: 11.31 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BM015769.D

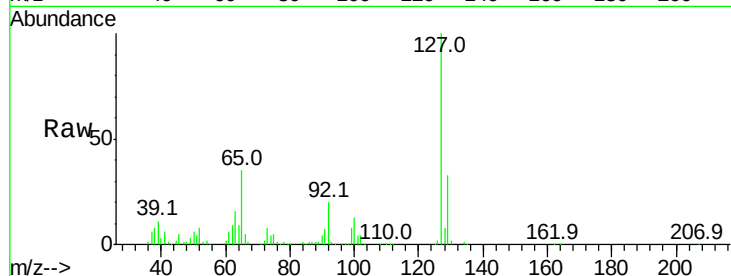
Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

Tot Ion:	127	Resp:	617651
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	35.2	17.6	26.4
92	19.7	13.1	19.7

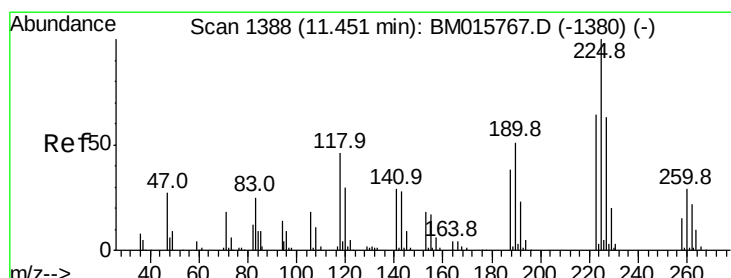
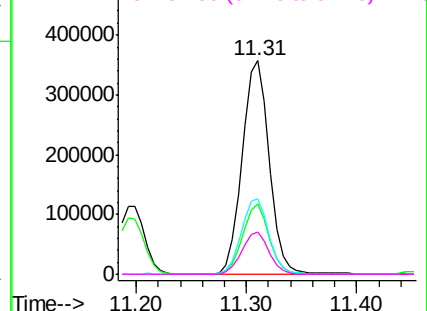
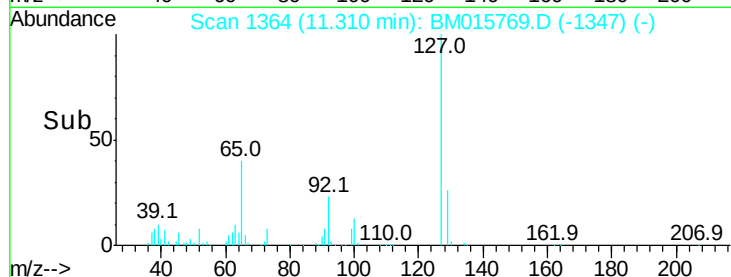


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 73.149 ng

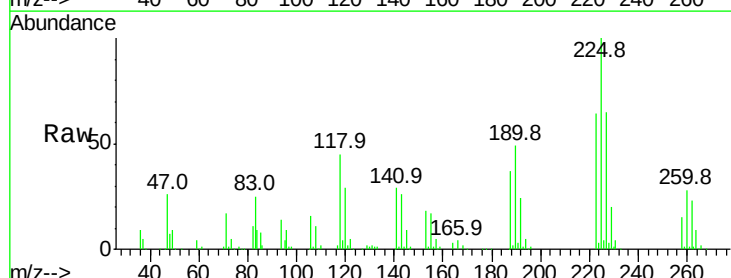
RT: 11.45 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

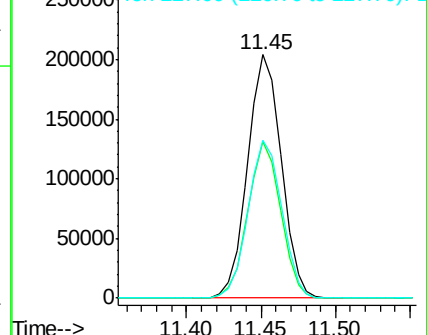
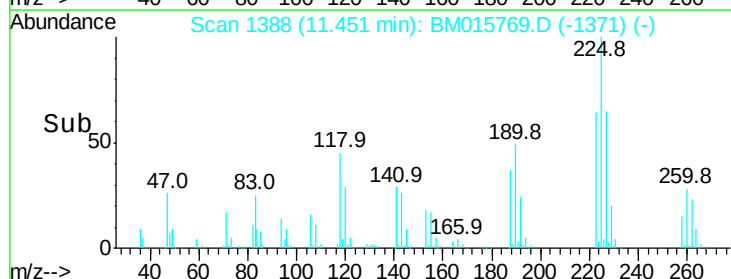
Tgt Ion:	225	Resp:	318330
Ion	Ratio	Lower	Upper
225	100		
223	64.1	47.9	71.9
227	64.8	50.1	75.1

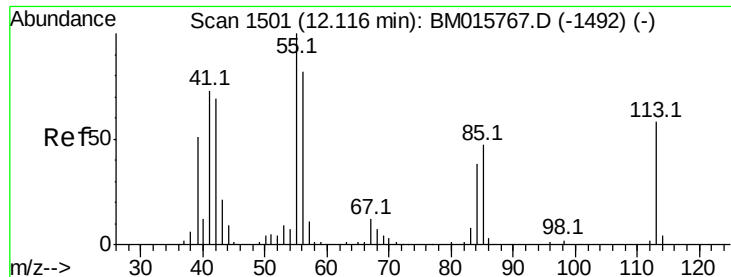


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.477 ng

RT: 12.14 min Scan# 1505

Delta R.T. 0.02 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

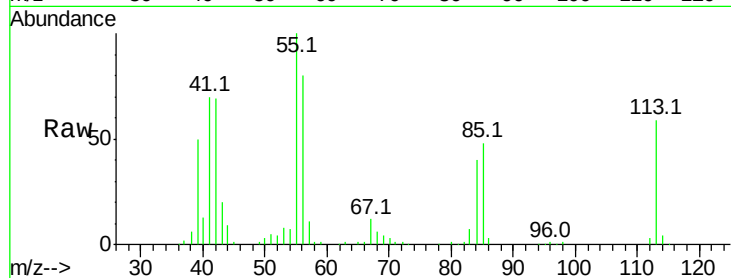
Tot Ion:113 Resp: 137628

Ion Ratio Lower Upper

113 100

55 170.8 145.9 185.9

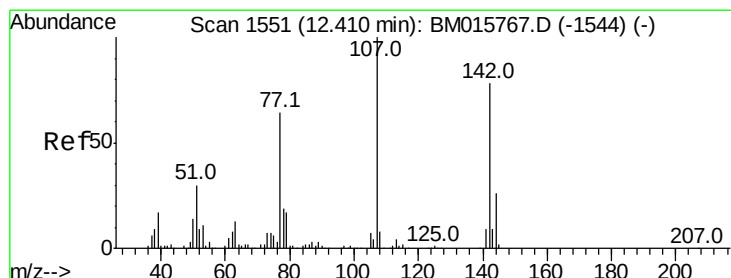
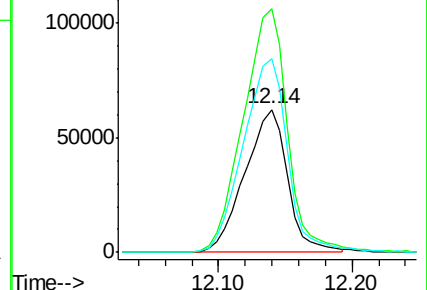
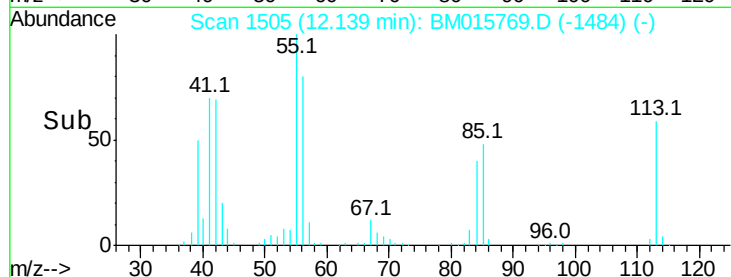
56 135.9 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 58.819 ng

RT: 12.42 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

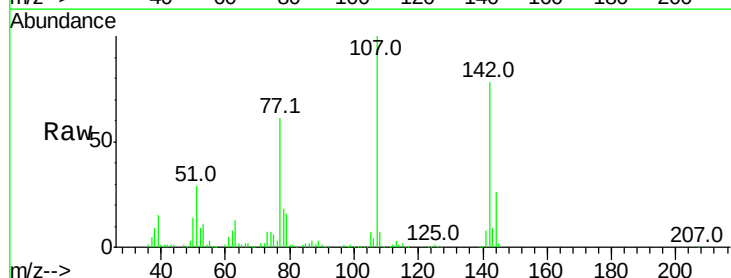
Tgt Ion:107 Resp: 487622

Ion Ratio Lower Upper

107 100

144 25.9 23.3 34.9

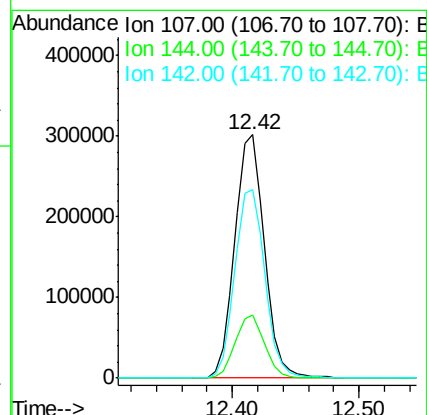
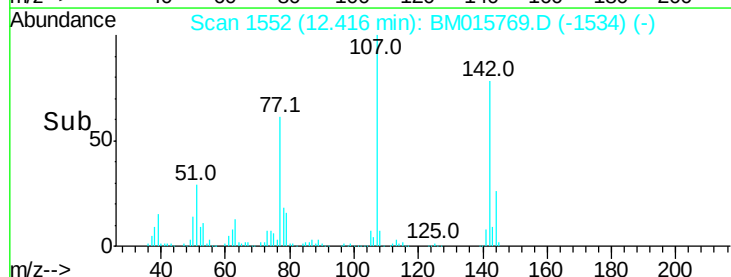
142 77.5 72.6 109.0

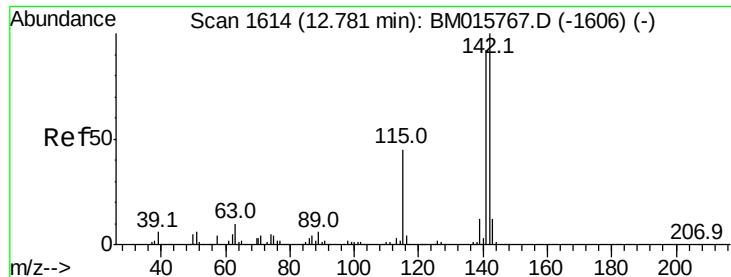


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

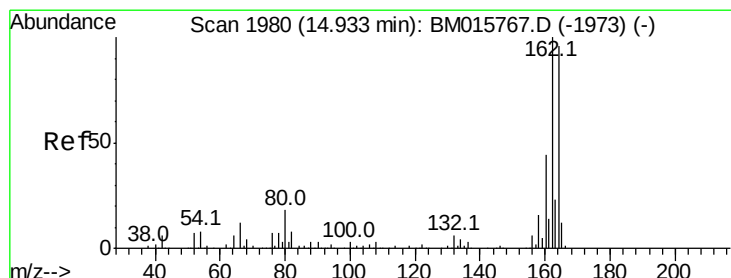
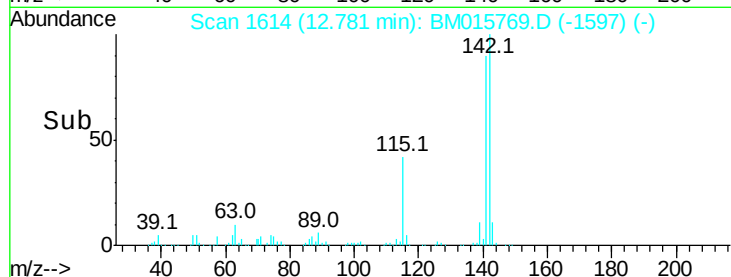
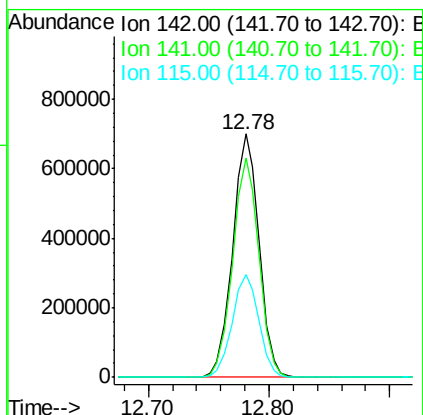
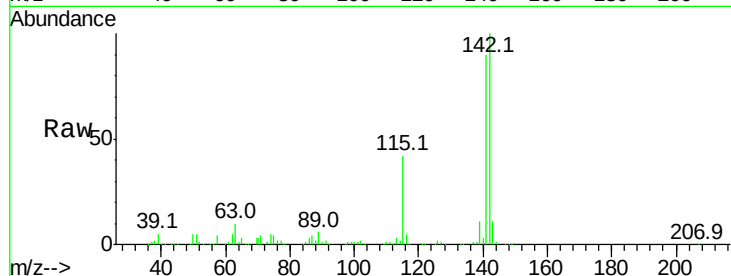




#37
2-Methylnaphthalene
Concen: 59.357 ng
RT: 12.78 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

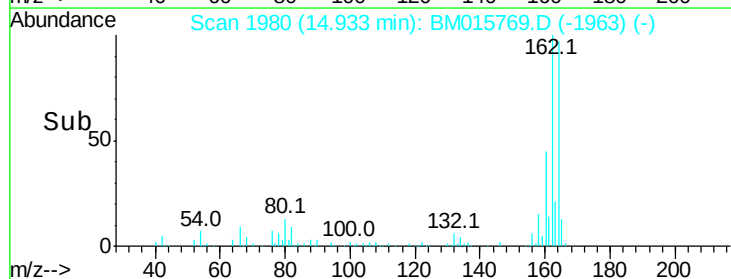
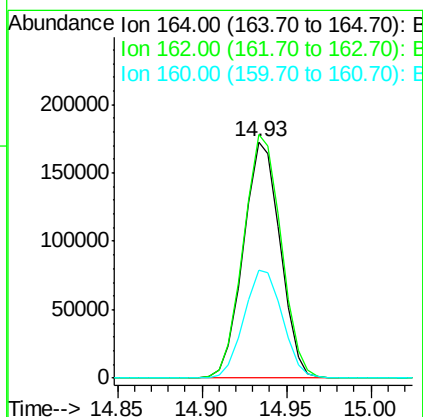
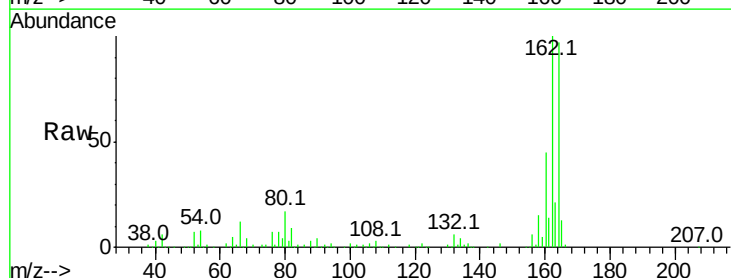
Instrument :
BNA_M
ClientSampleId :

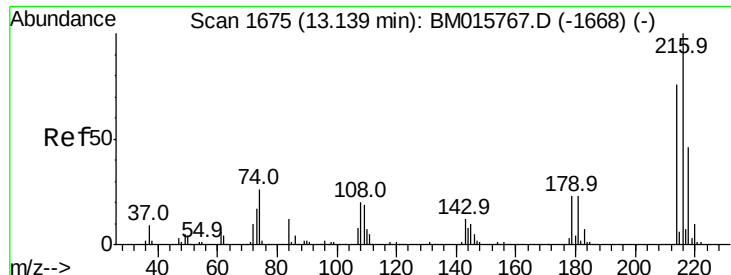
Tot Ion:142 Resp: 1060725
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9
115 42.5 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:164 Resp: 262439
Ion Ratio Lower Upper
164 100
162 103.0 82.4 123.6
160 45.9 35.8 53.6

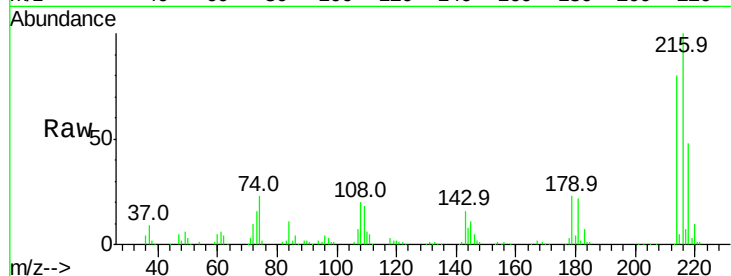




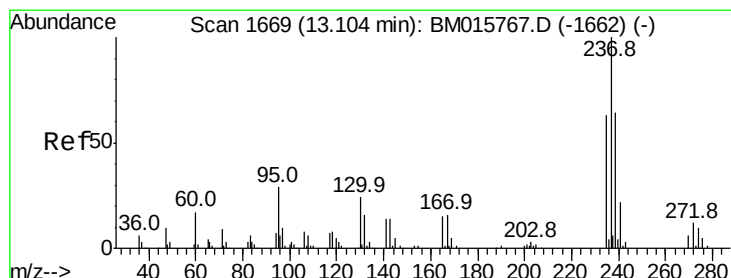
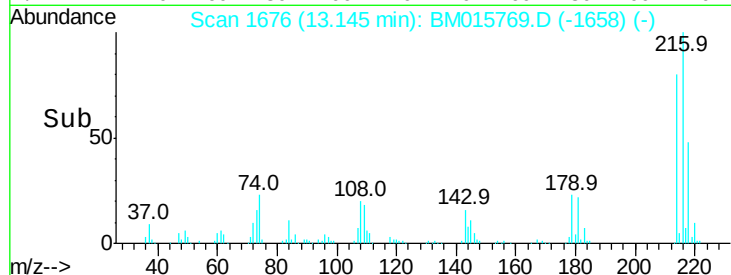
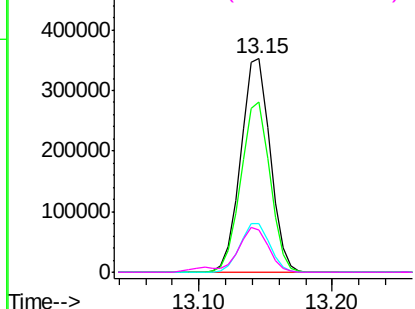
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 66.268 ng
 RT: 13.15 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	536202
Ion	Ratio	Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	23.3	0.0	0.0#
108	22.8	0.0	0.0#

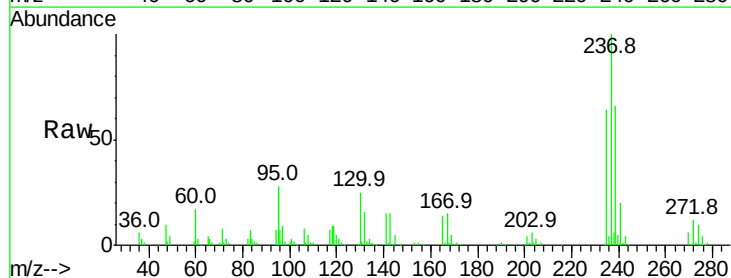


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

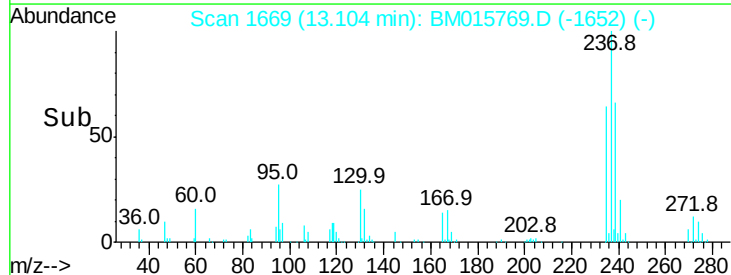
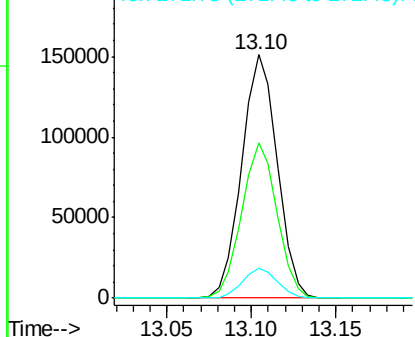


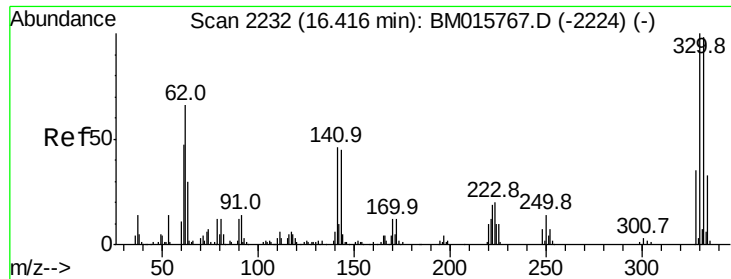
#40
 Hexachlorocyclopentadiene
 Concen: 56.338 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion:	237	Resp:	221679
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.0	82.0
272	12.1	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

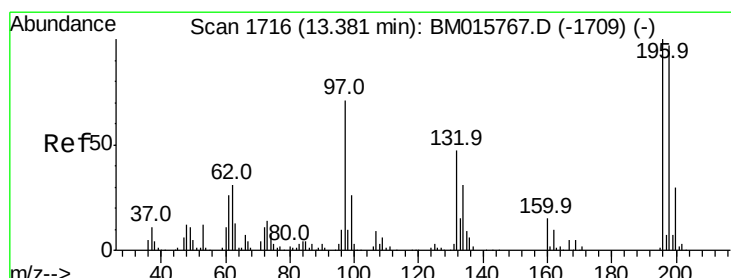
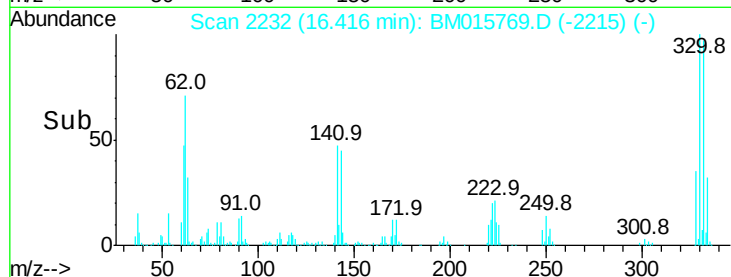
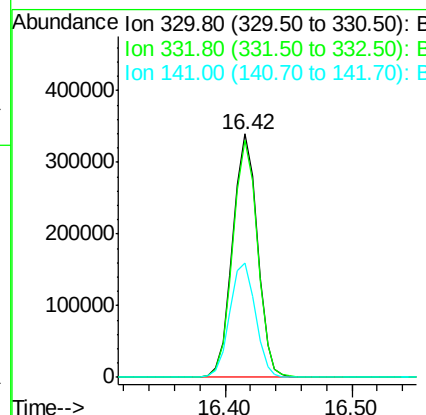
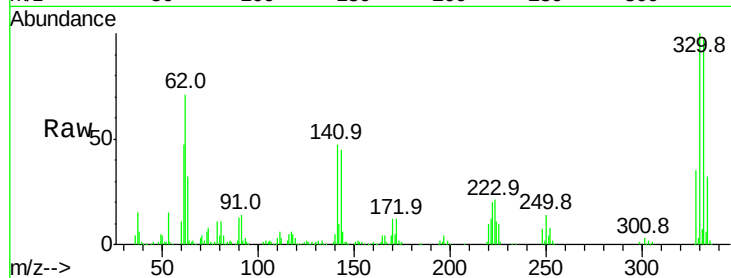




#41
 2,4,6-Tribromophenol
 Concen: 56.338 ng
 RT: 16.42 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

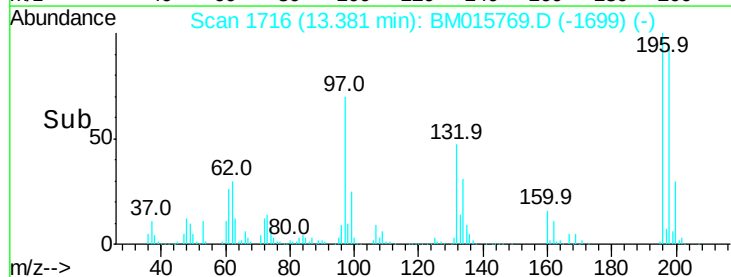
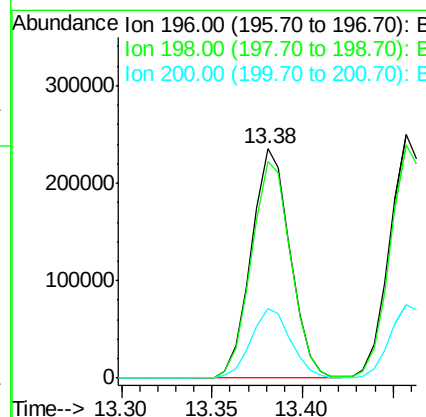
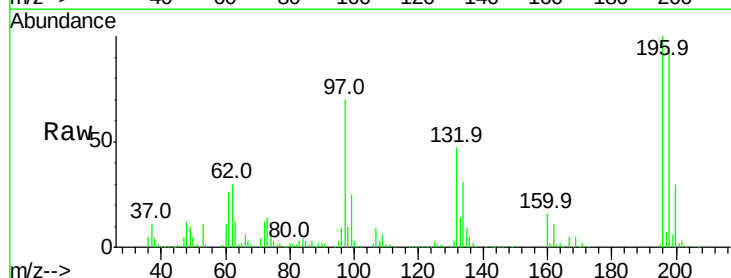
Instrument :
 BNA_M
 ClientSampled :

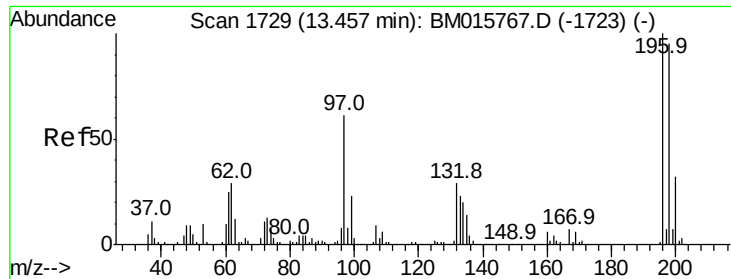
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	48.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 64.219 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.3	114.5
200	30.3	25.6	38.4

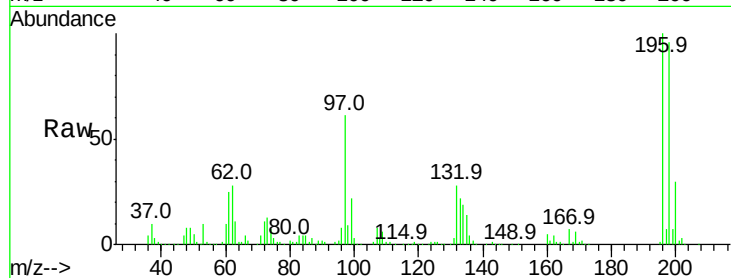




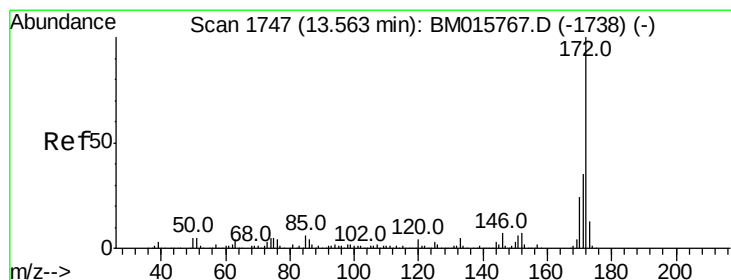
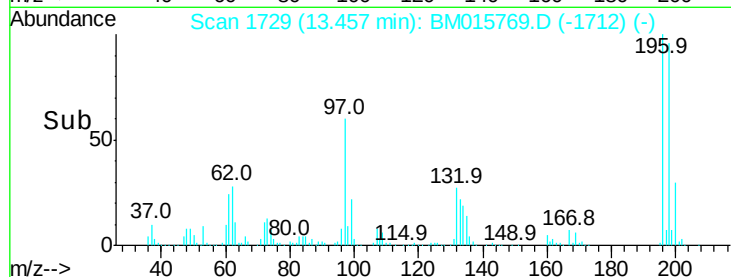
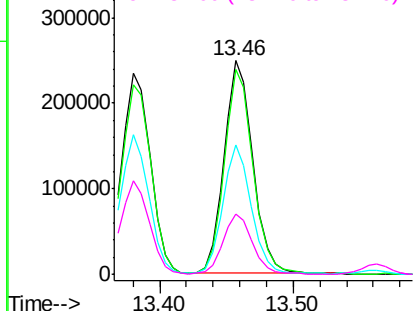
#43
 2,4,5-Trichlorophenol
 Concen: 62.220 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.4	119.0
97	60.7	26.8	40.2
132	27.9	18.6	28.0

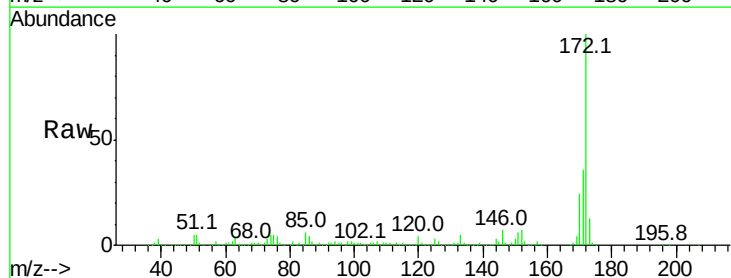


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

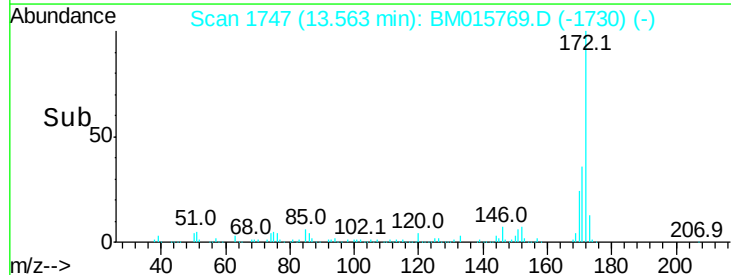
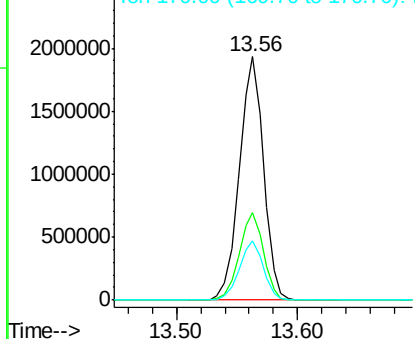


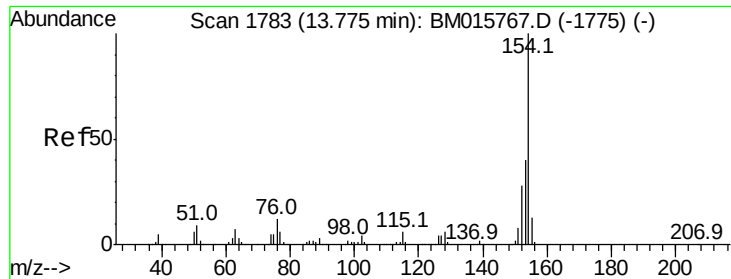
#44
 2-Fluorobiphenyl
 Concen: 62.220 ng
 RT: 13.56 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.1	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



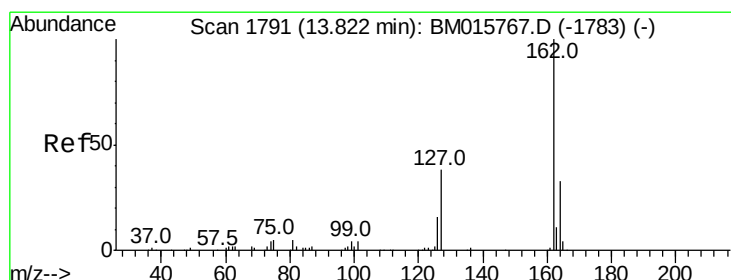
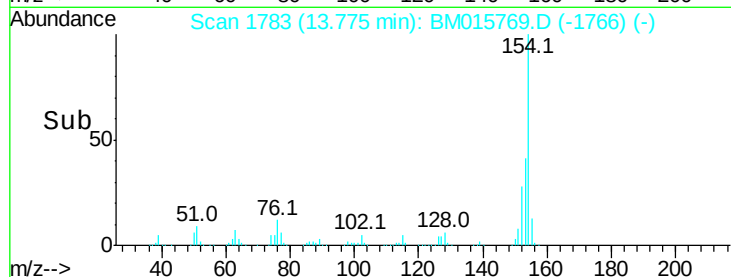
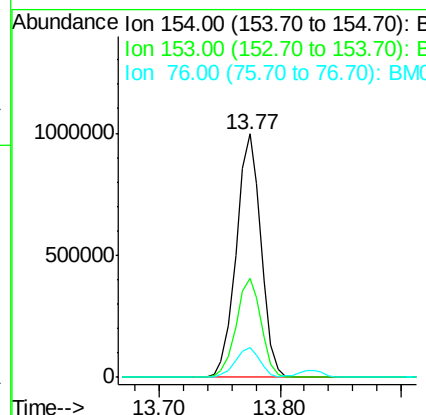
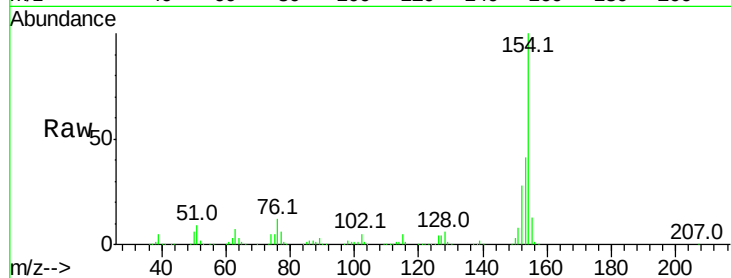


#45
 1,1'-Biphenyl
 Concen: 65.141 ng
 RT: 13.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 1412987

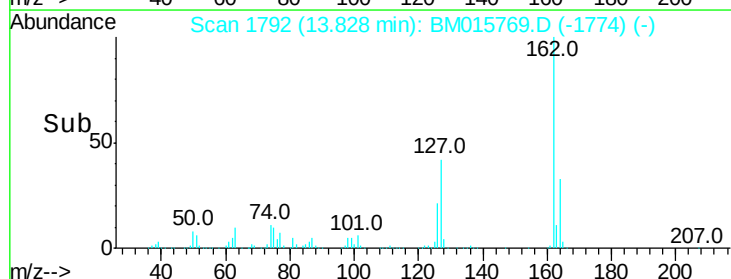
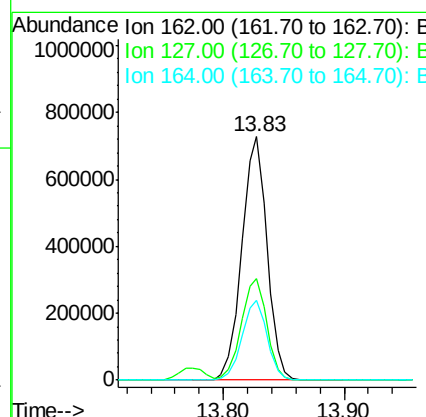
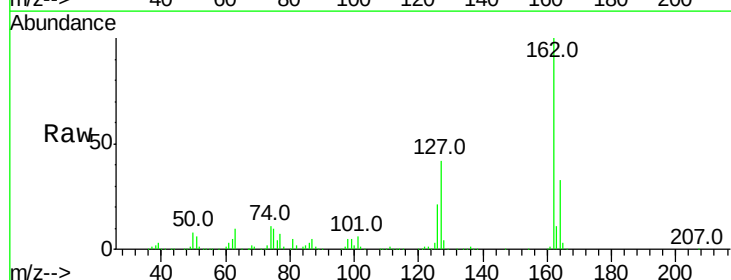
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.4	0.0	30.9

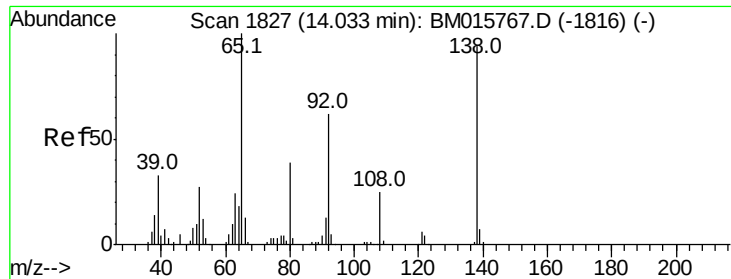


#46
 2-Chloronaphthalene
 Concen: 63.692 ng
 RT: 13.83 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion:162 Resp: 1059245

Ion	Ratio	Lower	Upper
162	100		
127	41.5	26.9	40.3#
164	32.9	26.8	40.2

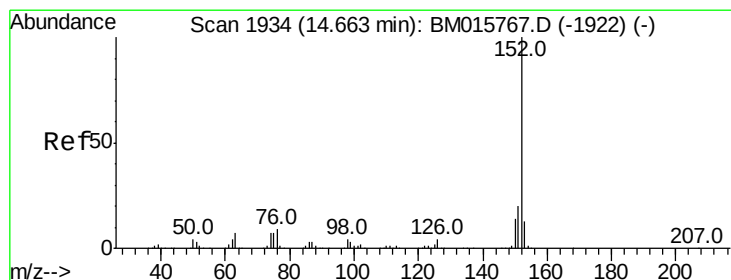
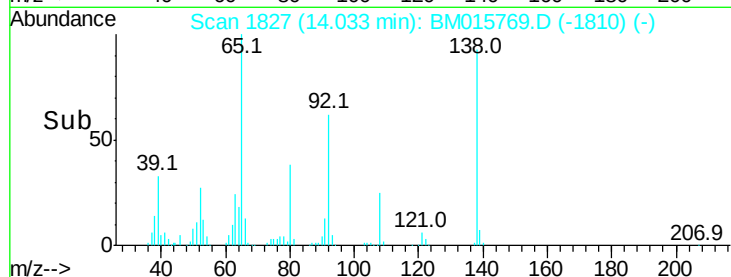
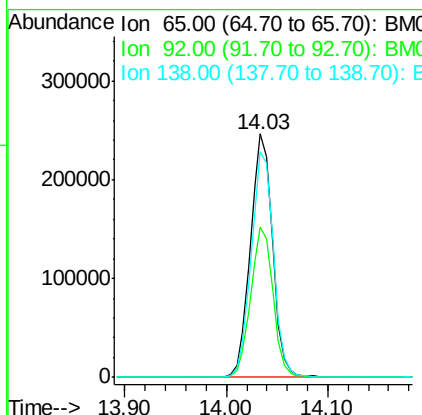
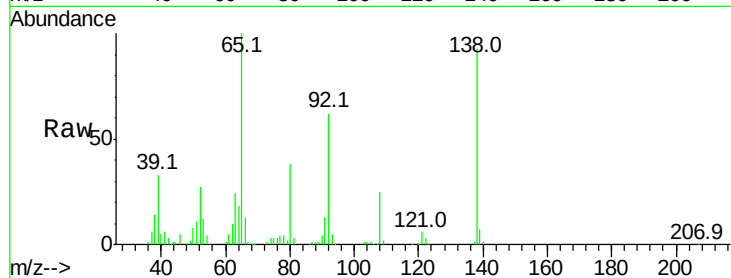




#47
2-Nitroaniline
Concen: 68.139 ng
RT: 14.03 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

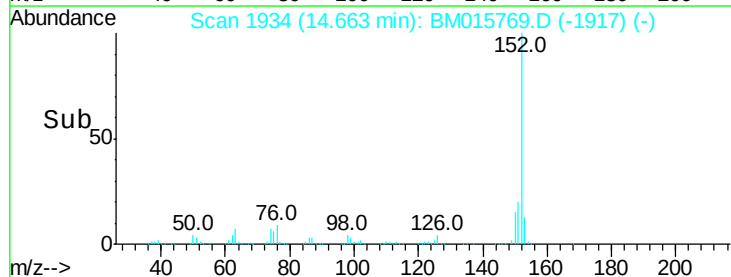
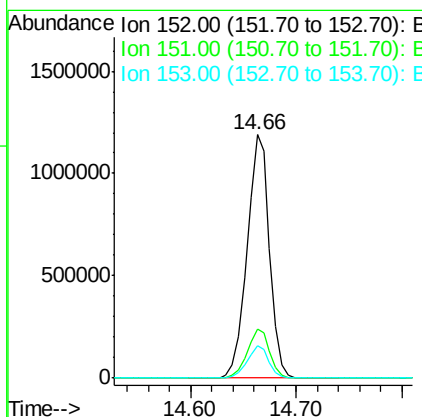
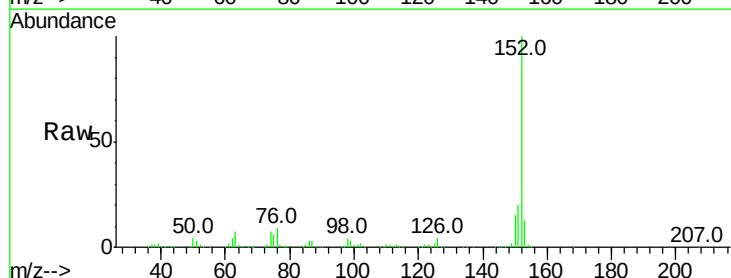
Instrument :
BNA_M
ClientSampleId :

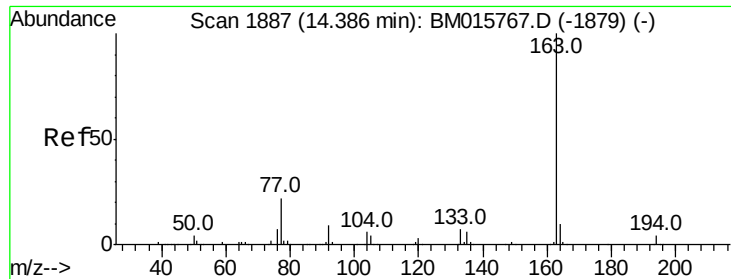
Tot Ion: 65 Resp: 374511
Ion Ratio Lower Upper
65 100
92 61.6 59.1 88.7
138 92.9 93.9 140.9#



#48
Acenaphthylene
Concen: 65.368 ng
RT: 14.66 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion: 152 Resp: 1743163
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 63.467 ng

RT: 14.39 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

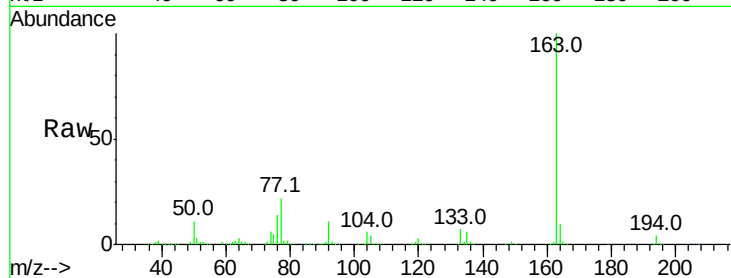
Tot Ion:163 Resp: 1430139

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

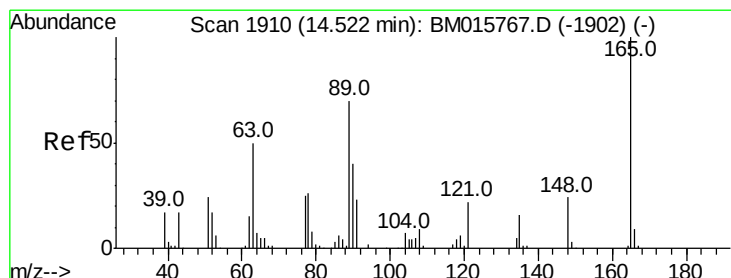
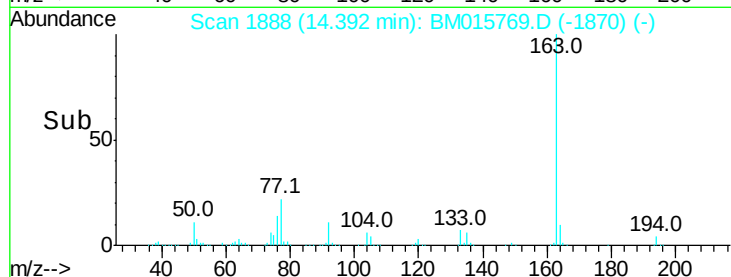
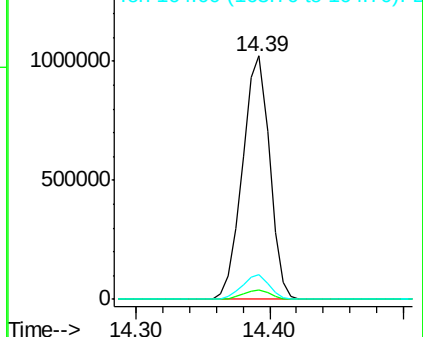
164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 60.971 ng

RT: 14.52 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

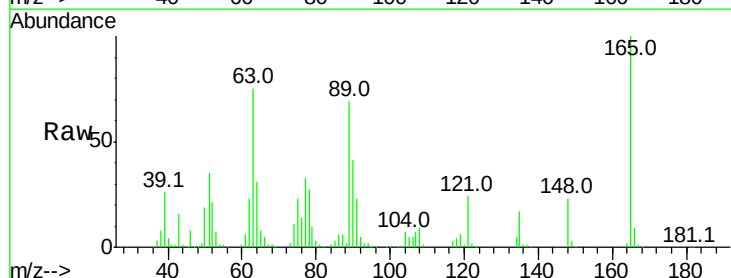
Tgt Ion:165 Resp: 292115

Ion Ratio Lower Upper

165 100

63 75.2 44.1 66.1#

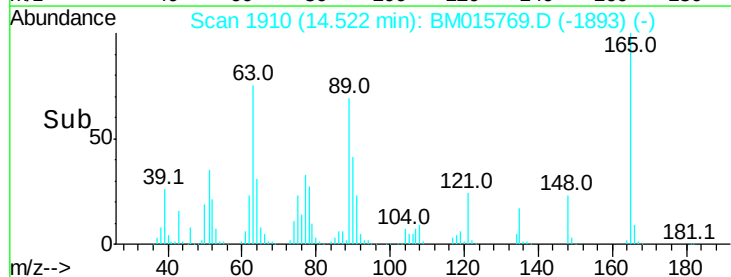
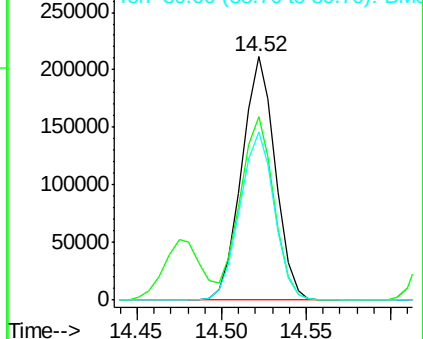
89 68.8 44.3 66.5#

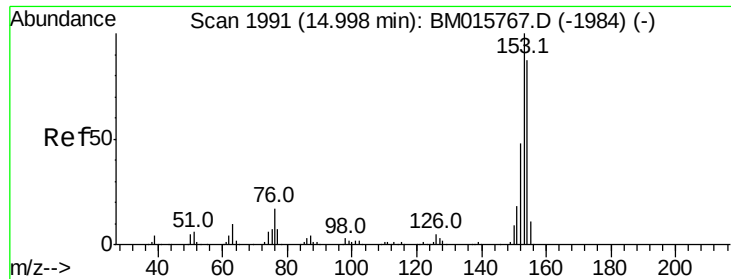


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 65.837 ng

RT: 15.00 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

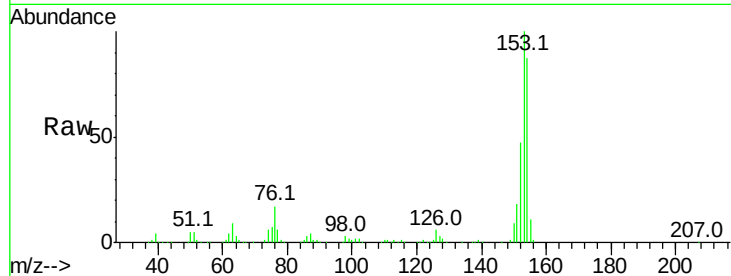
Tot Ion:154 Resp: 1070877

Ion Ratio Lower Upper

154 100

153 114.5 90.0 135.0

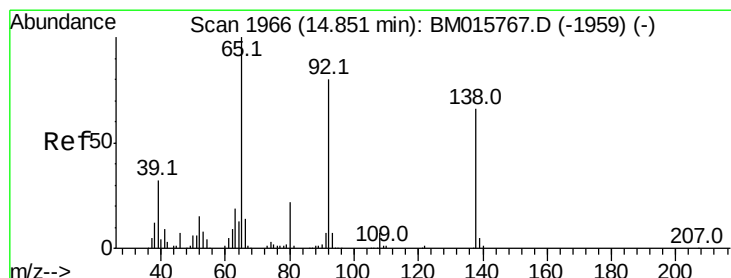
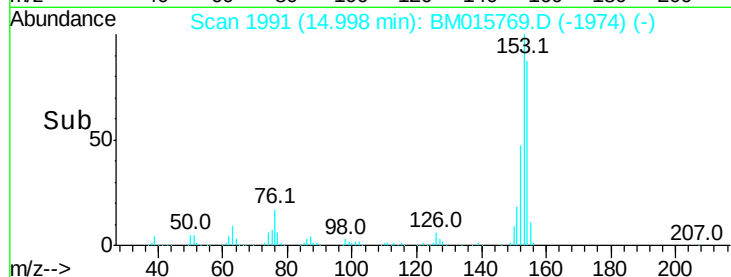
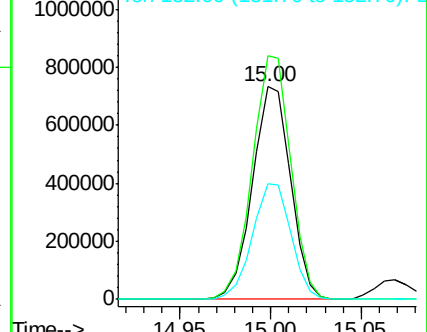
152 54.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 60.676 ng

RT: 14.86 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

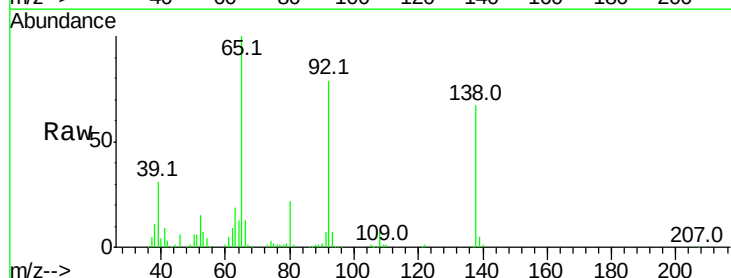
Tgt Ion:138 Resp: 308718

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

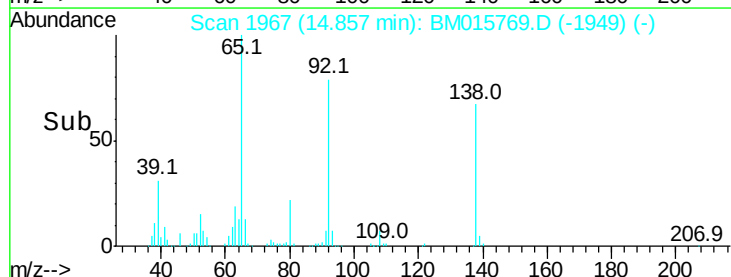
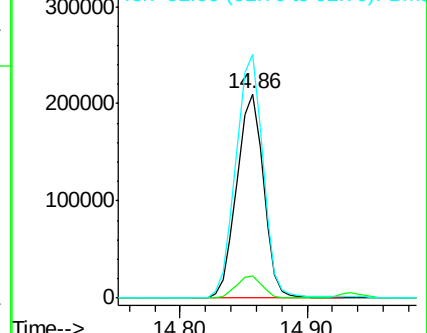
92 119.1 76.6 114.8#

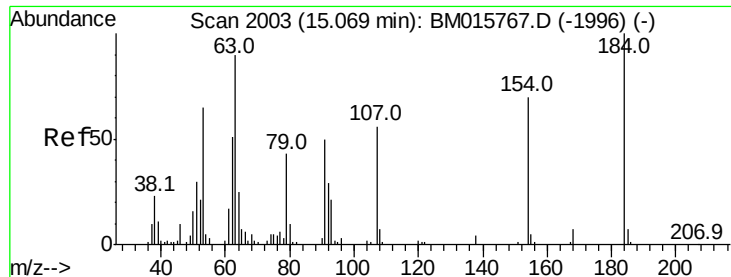


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

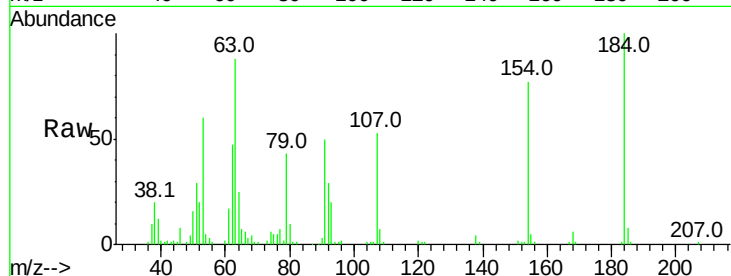




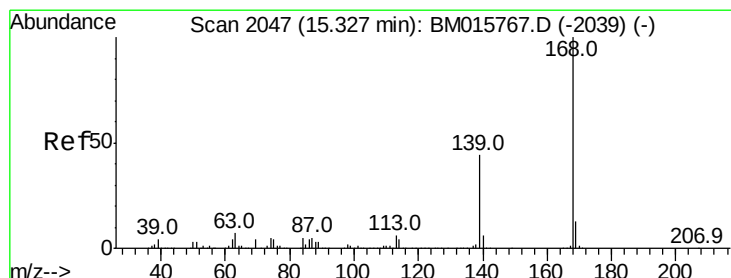
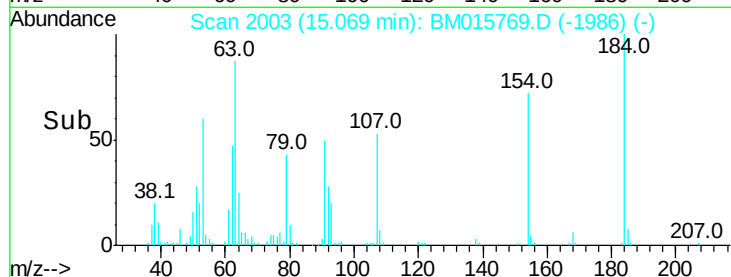
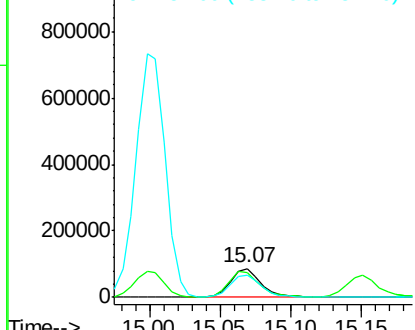
#53
2,4-Dinitrophenol
Concen: 50.037 ng
RT: 15.07 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 132364
Ion Ratio Lower Upper
184 100
63 88.1 69.2 103.8
154 76.5 53.3 79.9

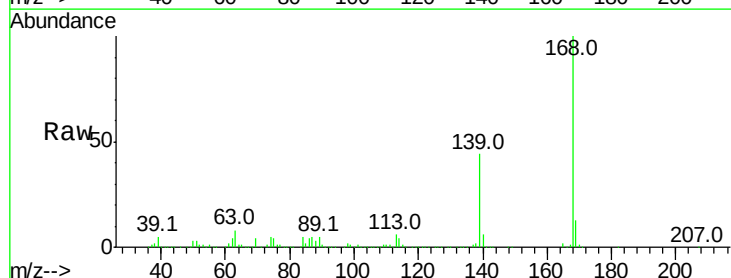


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

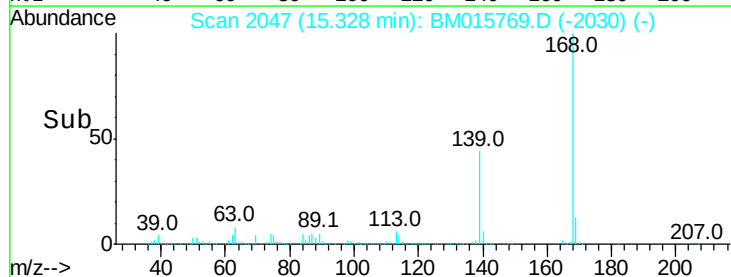
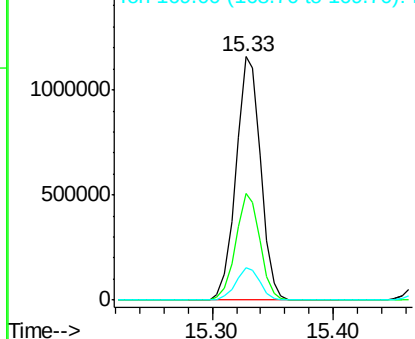


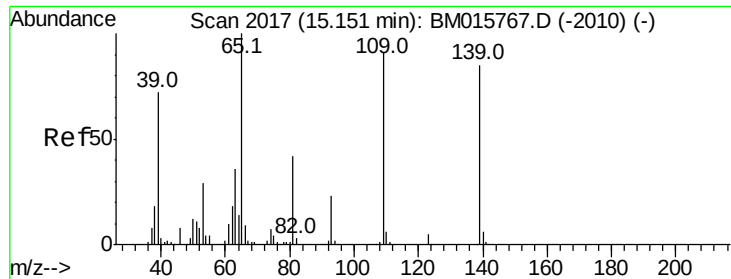
#54
Dibenzofuran
Concen: 62.663 ng
RT: 15.33 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:168 Resp: 1640608
Ion Ratio Lower Upper
168 100
139 44.0 27.3 40.9#
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

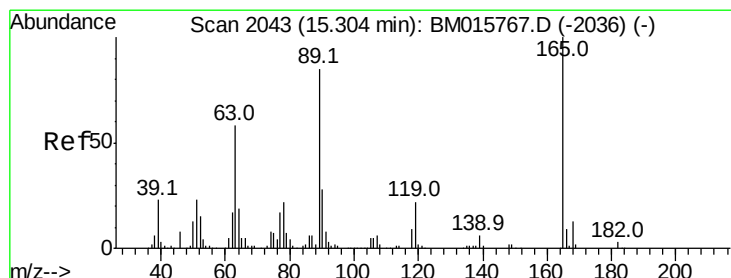
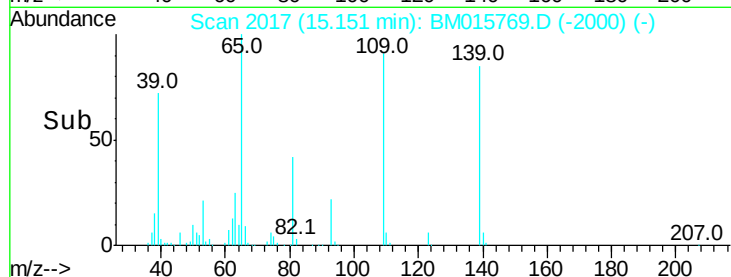
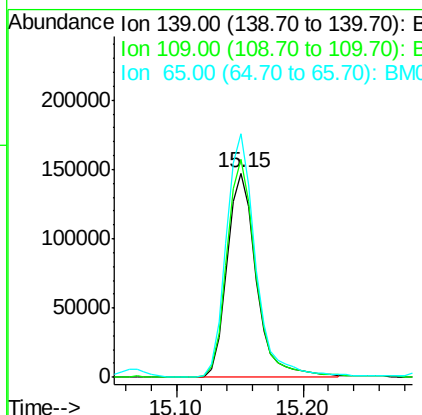
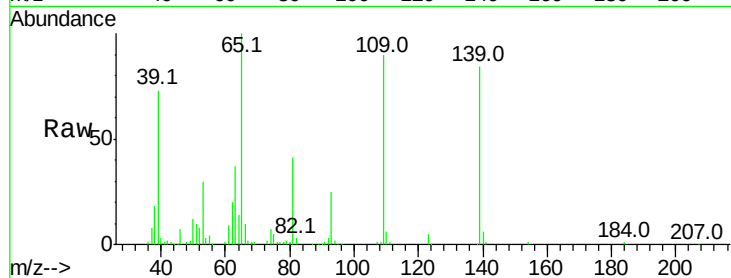




#55
4-Nitrophenol
Concen: 52.491 ng
RT: 15.15 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

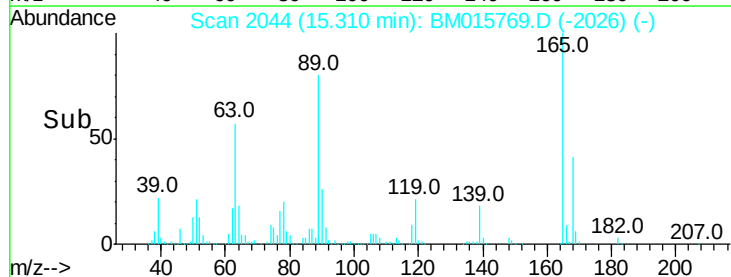
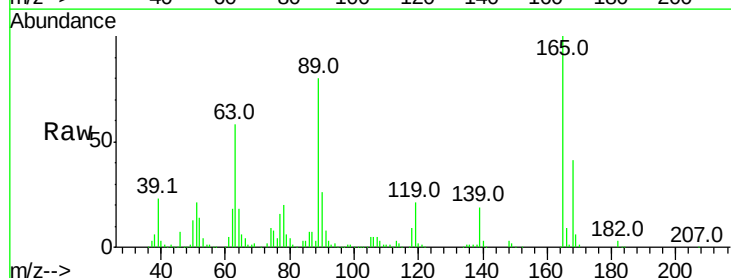
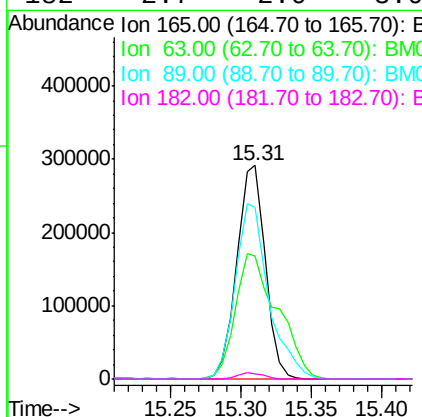
Instrument :
BNA_M
ClientSampleId :

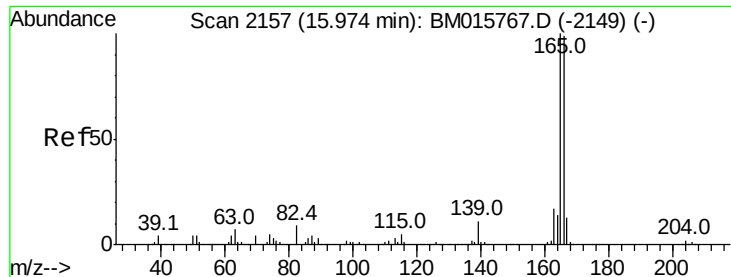
Tot Ion:139 Resp: 235885
Ion Ratio Lower Upper
139 100
109 106.9 130.0 170.0#
65 119.1 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 61.551 ng
RT: 15.31 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:165 Resp: 409660
Ion Ratio Lower Upper
165 100
63 57.6 52.4 78.6
89 80.2 72.4 108.6
182 2.7 2.0 3.0





#57

Fluorene

Concen: 64.023 ng

RT: 15.97 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

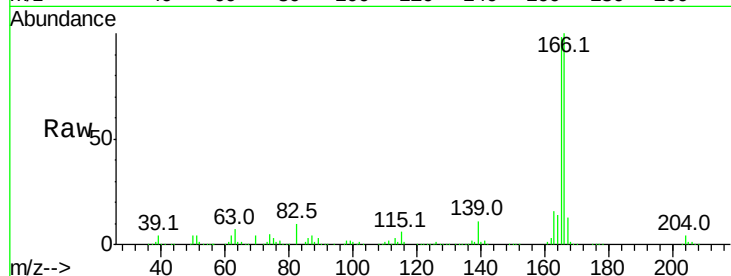
Instrument :

BNA_M

ClientSampleId :

Tot Ion:166 Resp: 1379060

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.2	10.3	15.5

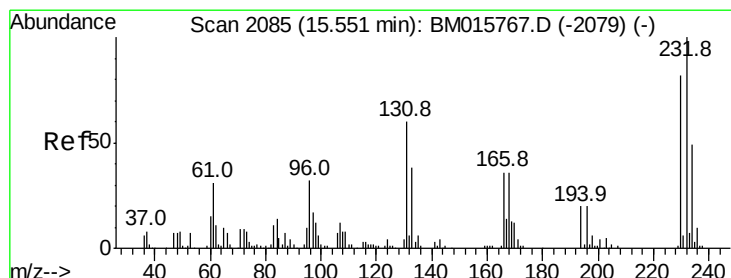
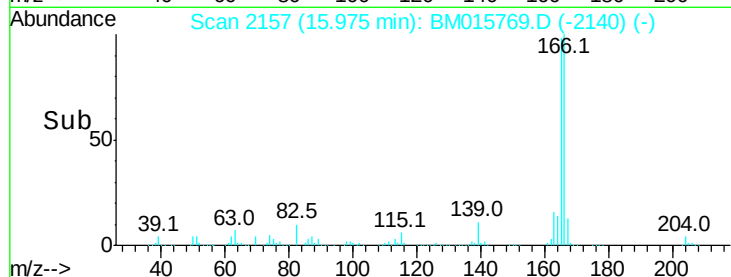
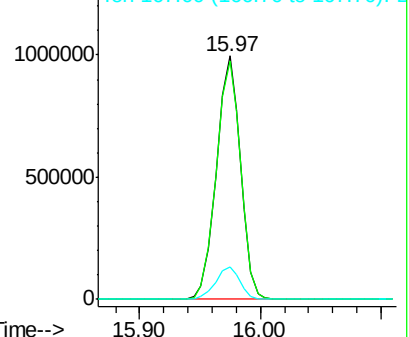


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.495 ng

RT: 15.55 min Scan# 2085

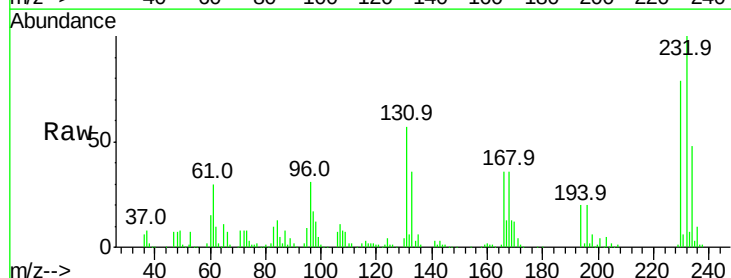
Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Tgt Ion:232 Resp: 314569

Ion	Ratio	Lower	Upper
232	100		
131	56.8	0.0	0.0#
130	3.6	0.0	0.0#
166	35.9	0.0	0.0#



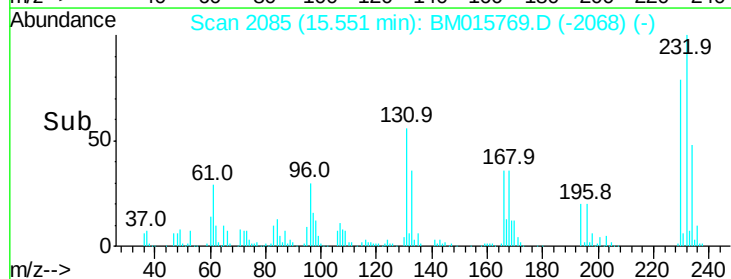
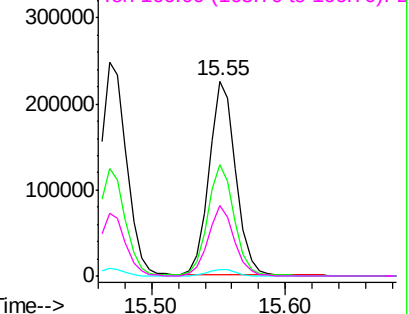
Abundance

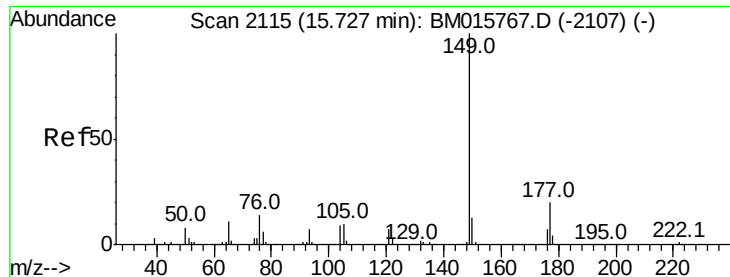
Ion 232.00 (231.70 to 232.70): E

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

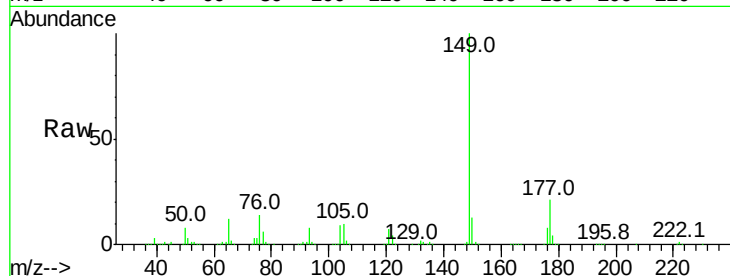




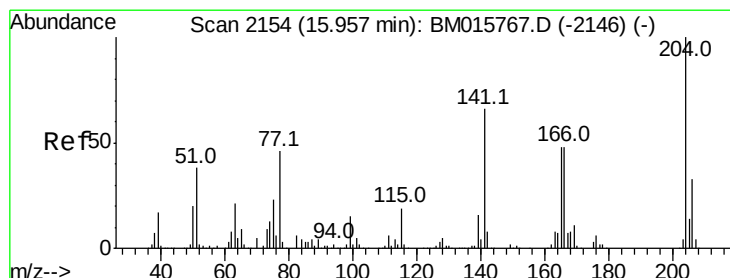
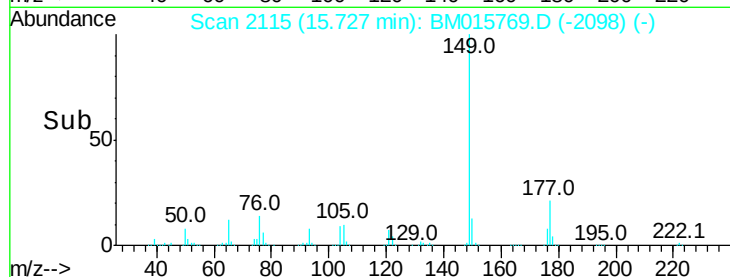
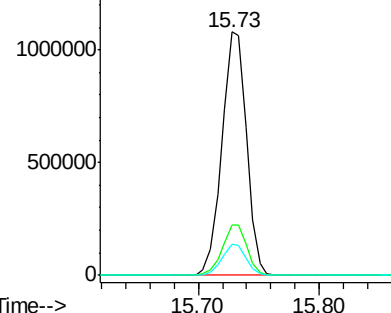
#59
Diethylphthalate
Concen: 65.918 ng
RT: 15.73 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1533181
Ion Ratio Lower Upper
149 100
177 20.6 18.3 27.5
150 12.8 9.8 14.8

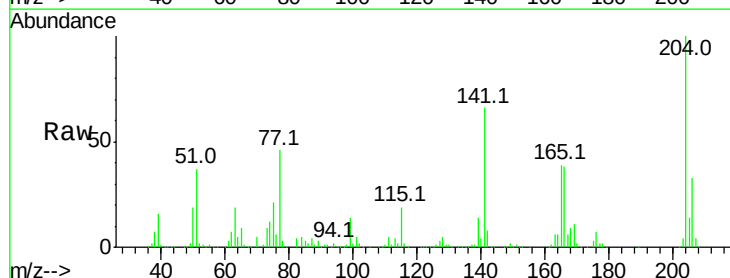


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

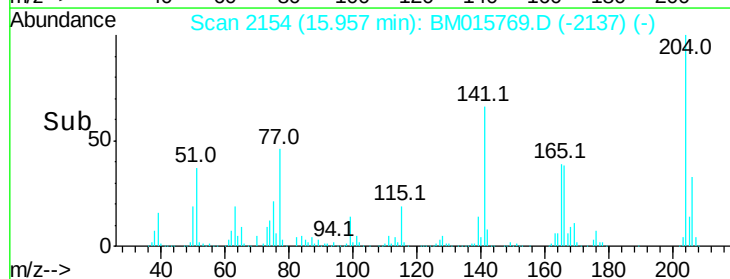
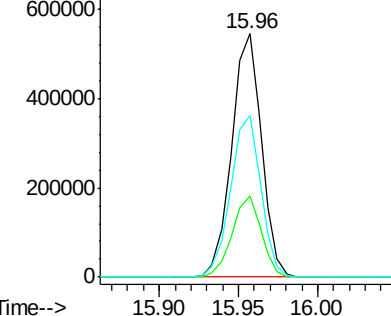


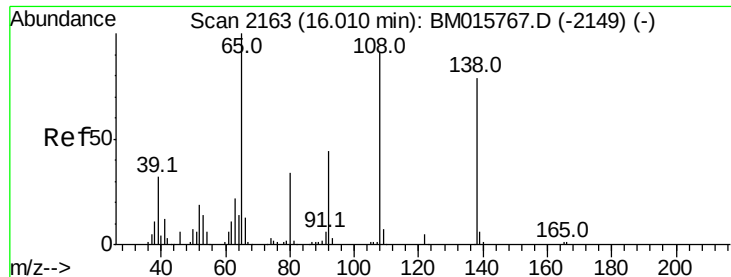
#60
4-Chlorophenyl-phenylether
Concen: 66.463 ng
RT: 15.96 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:204 Resp: 711565
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 66.2 45.2 67.8



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

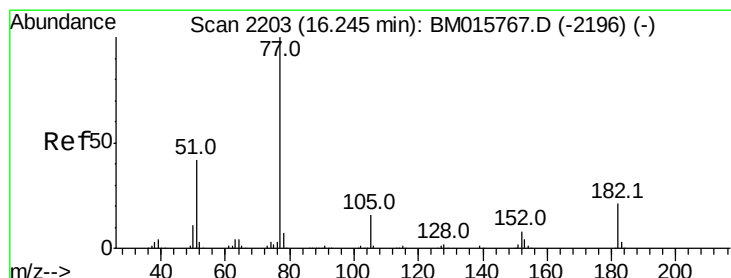
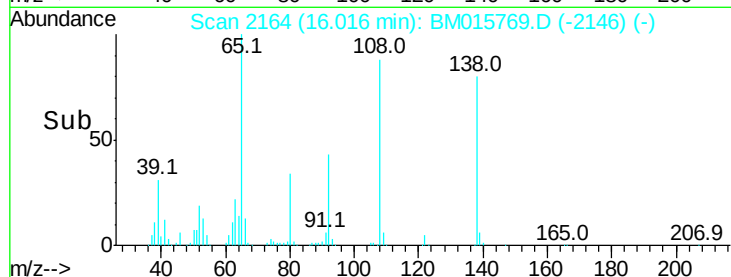
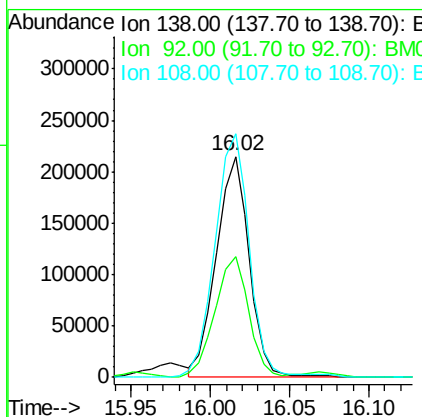
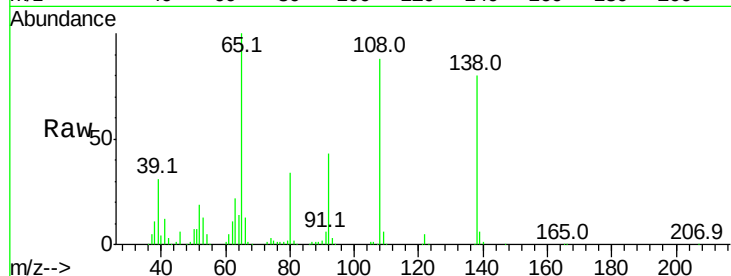




#61
4-Nitroaniline
Concen: 54.529 ng
RT: 16.02 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

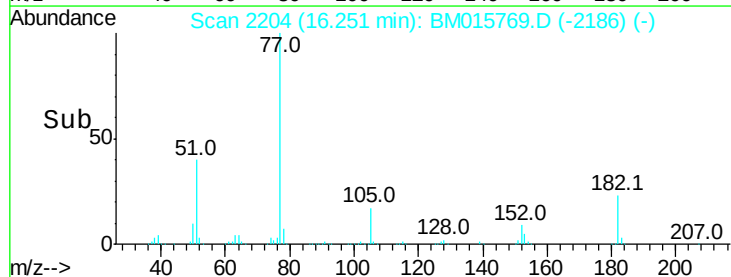
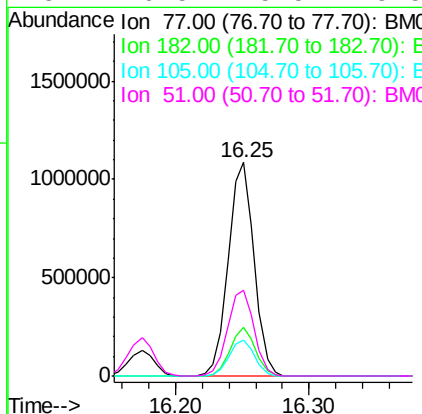
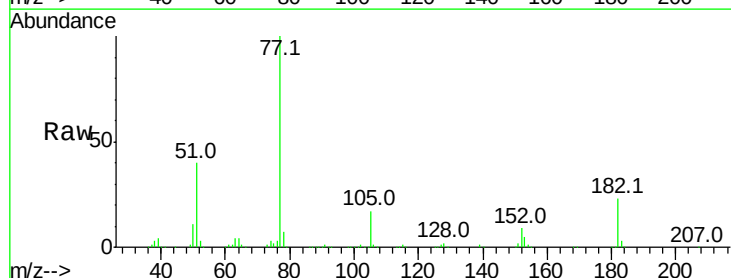
Instrument :
BNA_M
ClientSampleId :

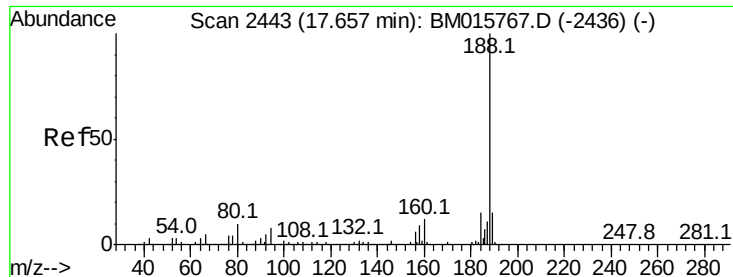
Tot Ion:138 Resp: 307238
Ion Ratio Lower Upper
138 100
92 54.4 16.7 56.7
108 110.2 37.6 77.6#



#62
Azobenzene
Concen: 67.602 ng
RT: 16.25 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion: 77 Resp: 1464773
Ion Ratio Lower Upper
77 100
182 22.7 6.5 46.5
105 16.7 3.8 43.8
51 40.5 5.5 45.5

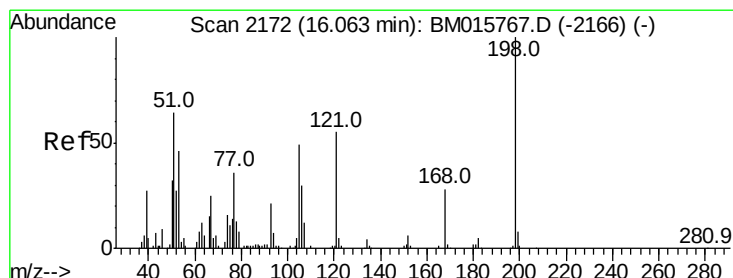
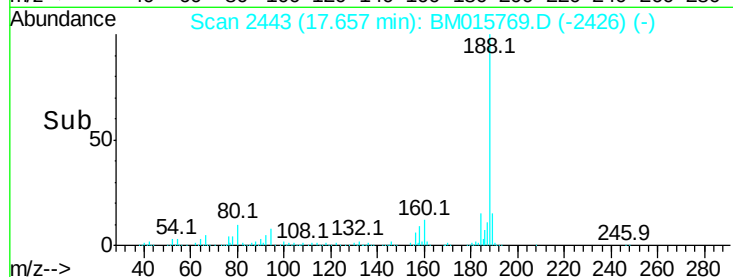
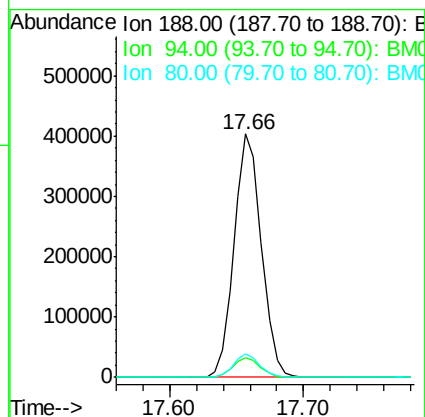
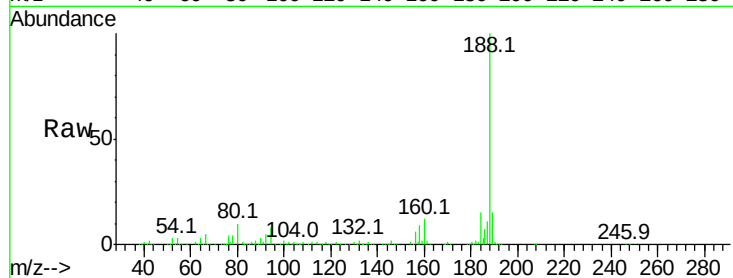




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

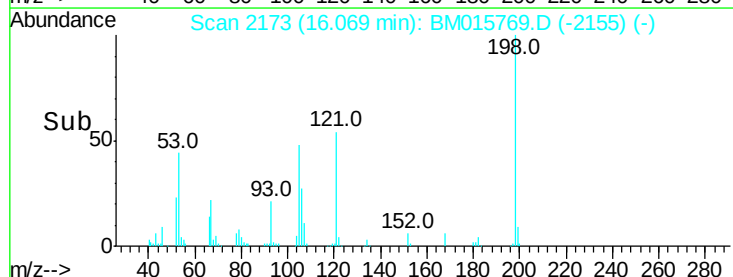
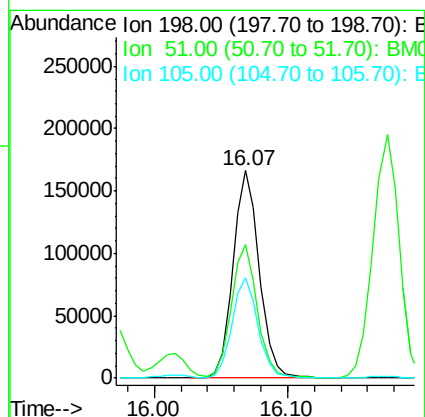
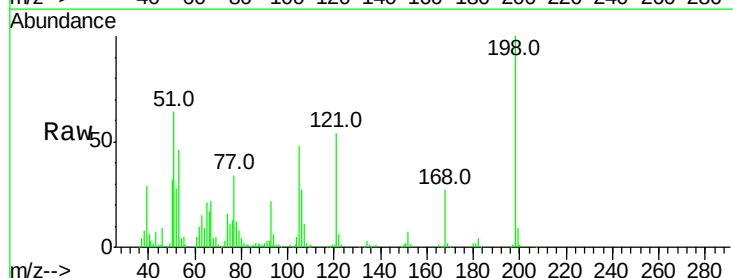
Instrument :
BNA_M
ClientSampled :

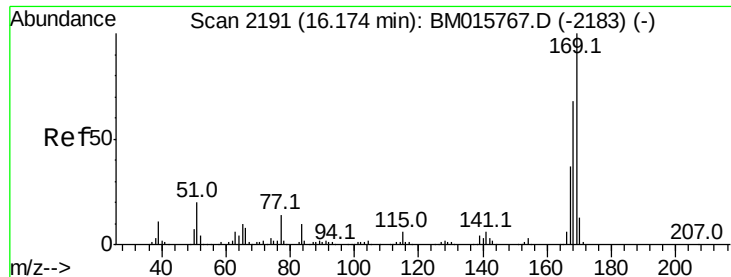
Tot Ion:188 Resp: 573082
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.5 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 69.162 ng
RT: 16.07 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:198 Resp: 228318
Ion Ratio Lower Upper
198 100
51 64.4 28.8 68.8
105 48.4 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 70.506 ng

RT: 16.17 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

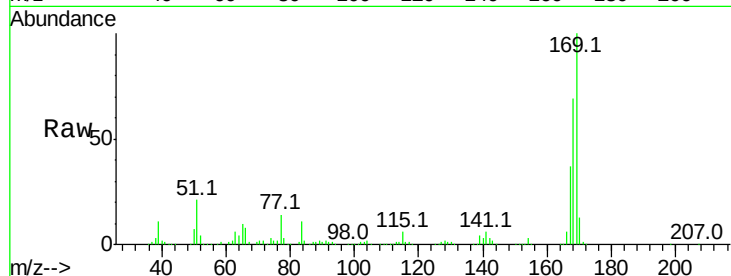
Tot Ion:169 Resp: 1247748

Ion Ratio Lower Upper

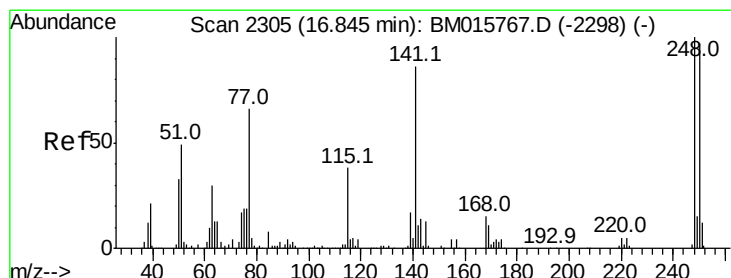
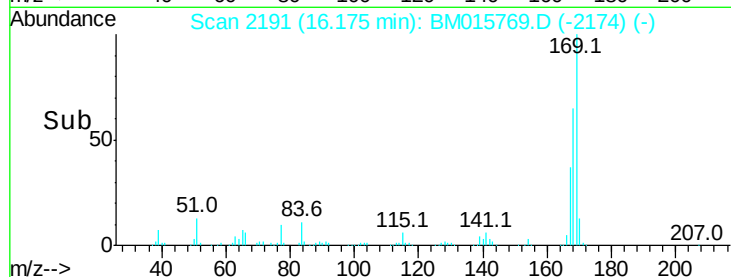
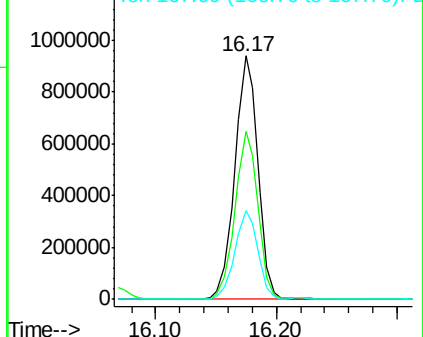
169 100

168 69.0 53.9 80.9

167 36.7 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 67.390 ng

RT: 16.85 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

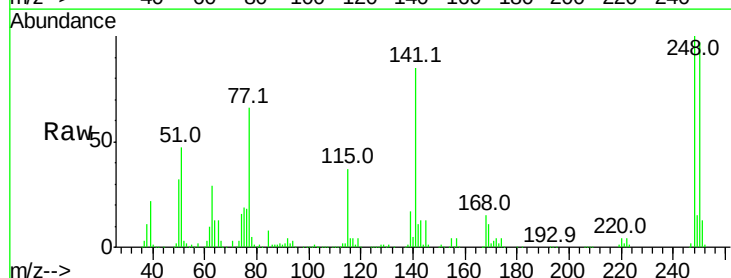
Tgt Ion:248 Resp: 413538

Ion Ratio Lower Upper

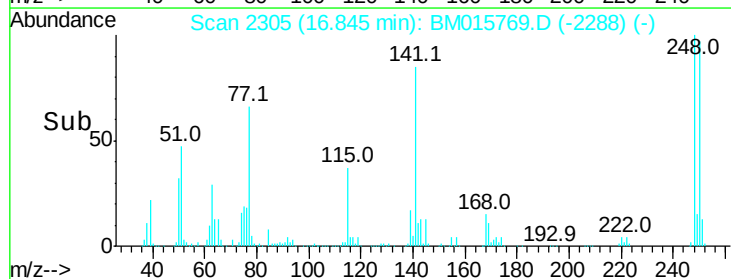
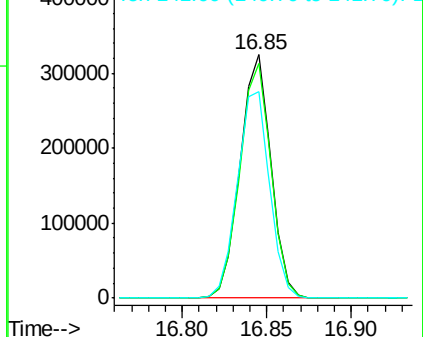
248 100

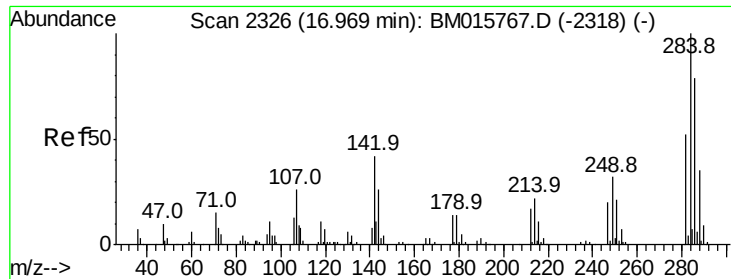
250 96.6 77.4 116.0

141 84.6 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 64.904 ng

RT: 16.97 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

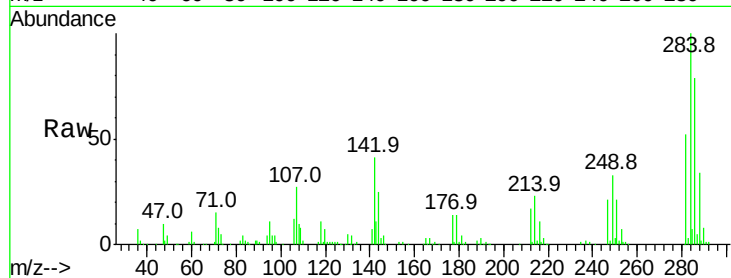
Tot Ion:284 Resp: 457991

Ion Ratio Lower Upper

284 100

142 41.0 20.4 30.6#

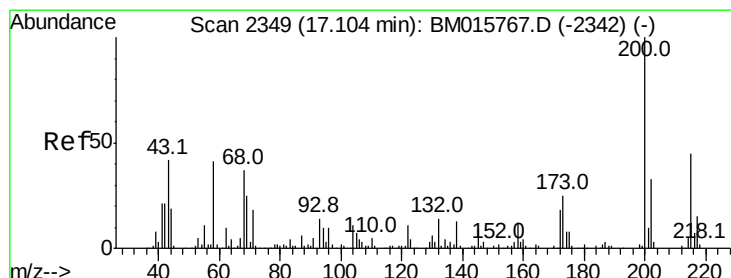
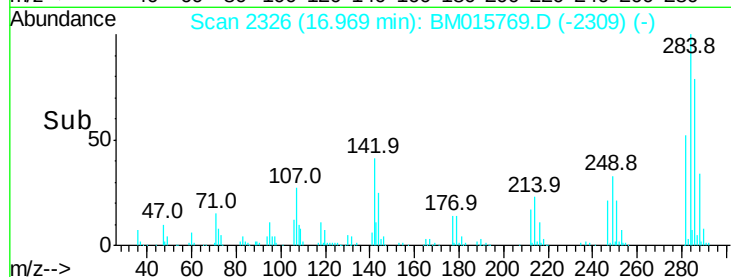
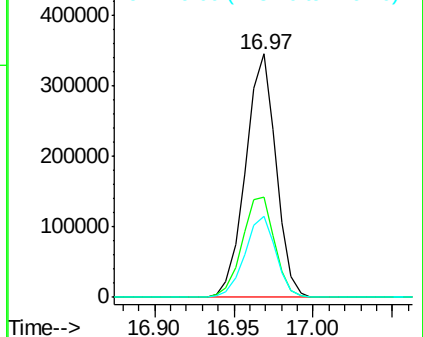
249 33.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 65.185 ng

RT: 17.11 min Scan# 2350

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

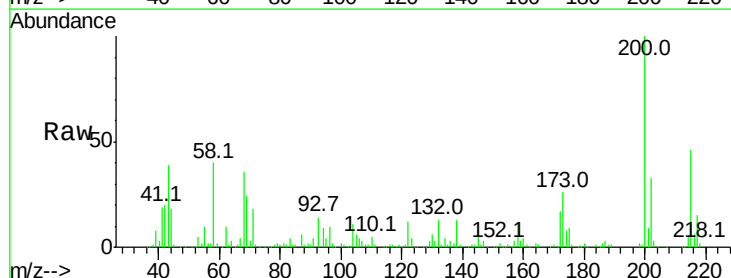
Tgt Ion:200 Resp: 401692

Ion Ratio Lower Upper

200 100

173 26.2 4.8 44.8

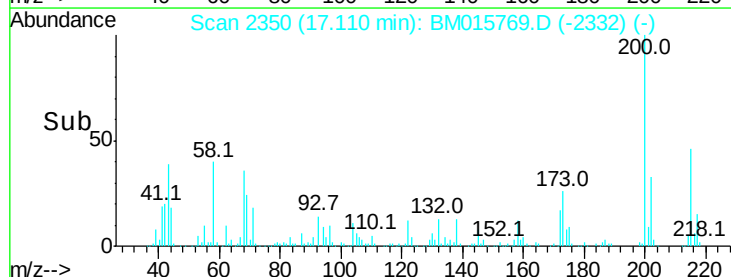
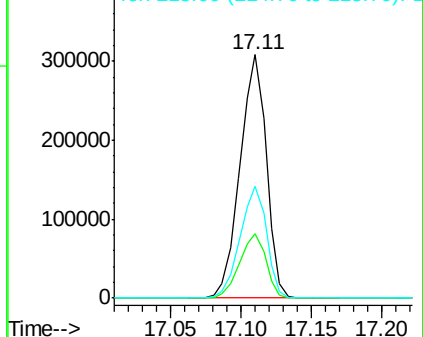
215 45.8 26.9 66.9

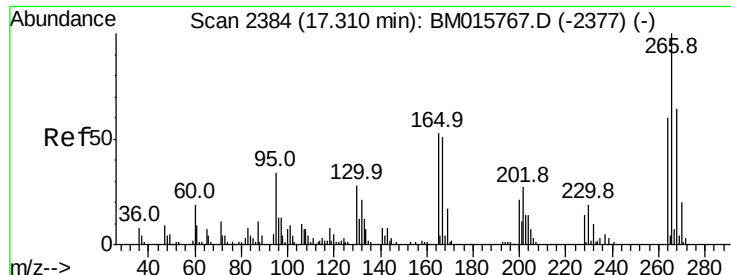


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 69.273 ng

RT: 17.31 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampled :

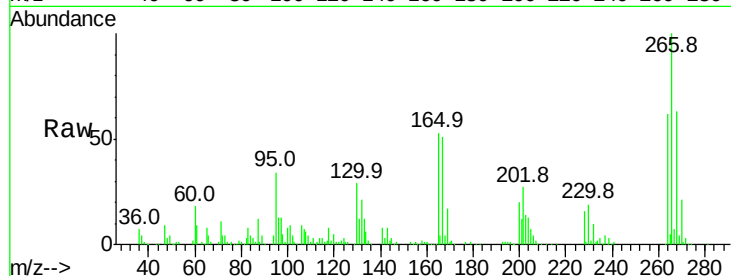
Tot Ion:266 Resp: 287114

Ion Ratio Lower Upper

266 100

268 63.4 52.0 78.0

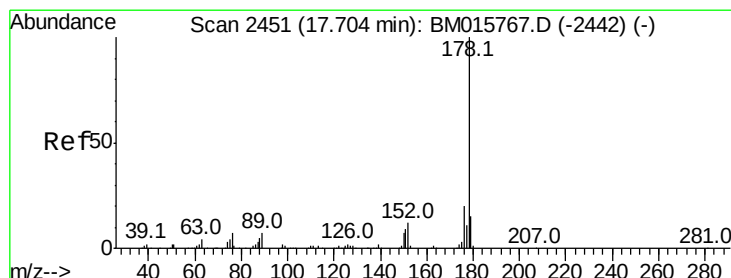
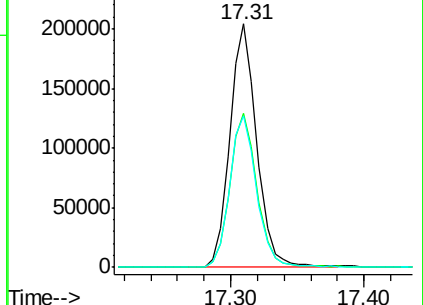
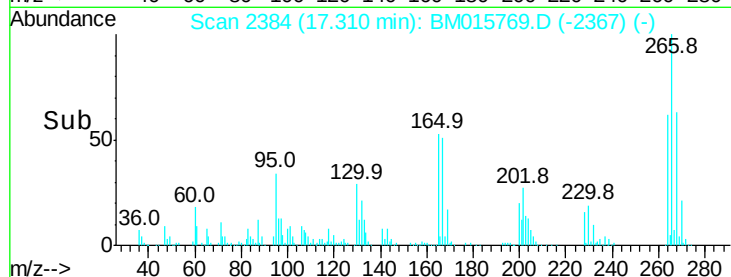
264 62.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 63.568 ng

RT: 17.70 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

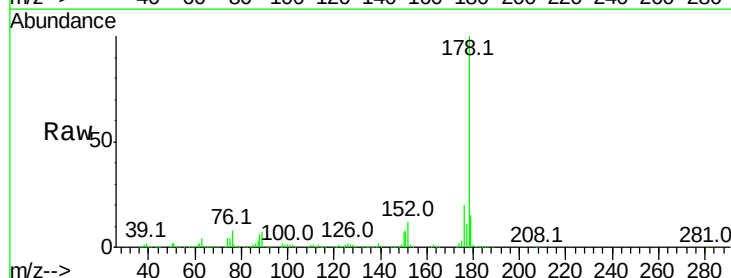
Tgt Ion:178 Resp: 2054988

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

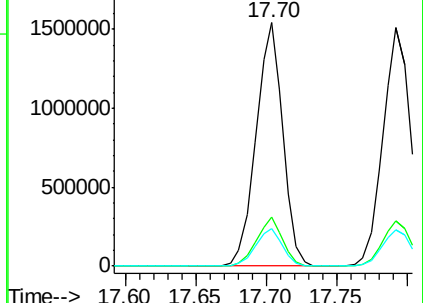
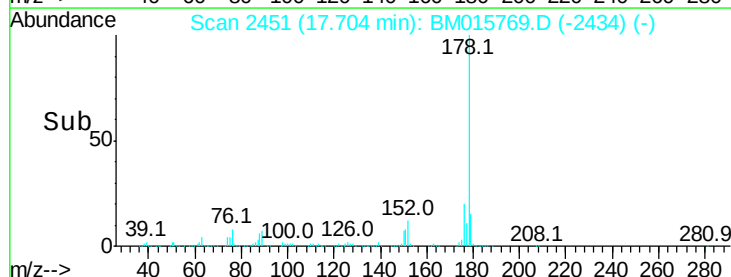
179 15.3 12.1 18.1

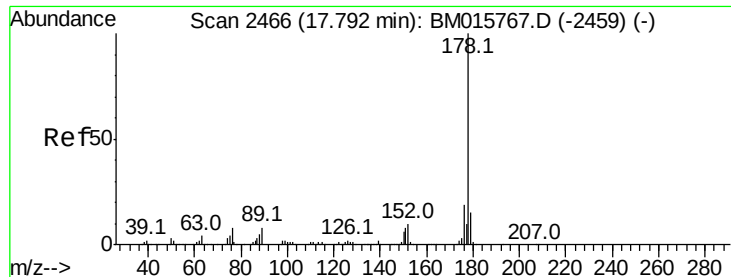


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 62.160 ng

RT: 17.79 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

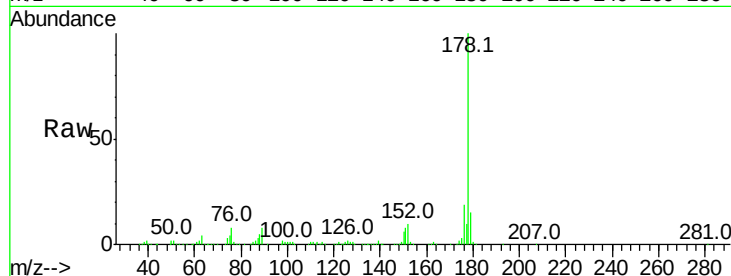
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 2057913

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.3	12.6	19.0

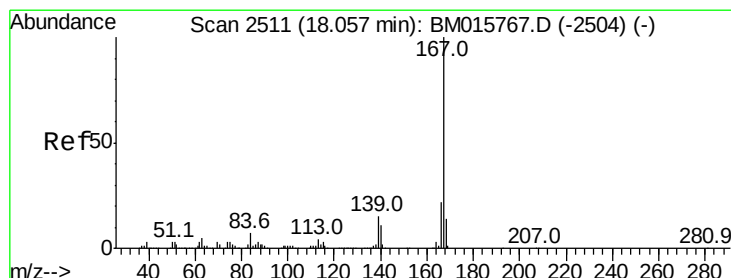
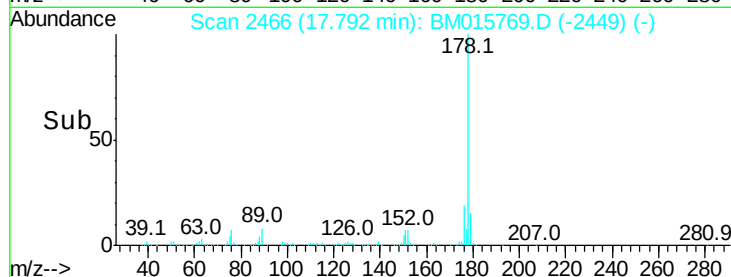
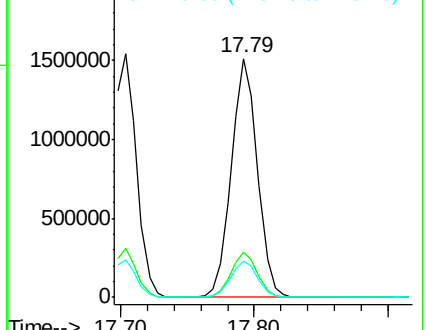


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 61.980 ng

RT: 18.06 min Scan# 2512

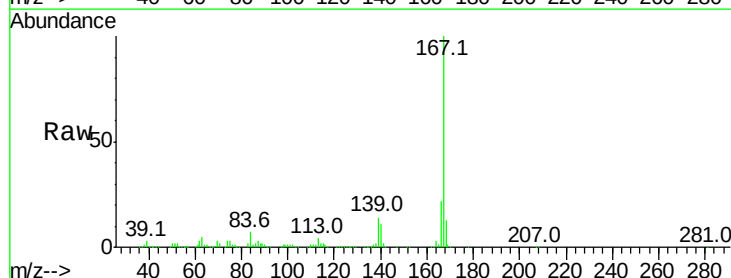
Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Tgt Ion:167 Resp: 1901308

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	14.4	10.8	16.2

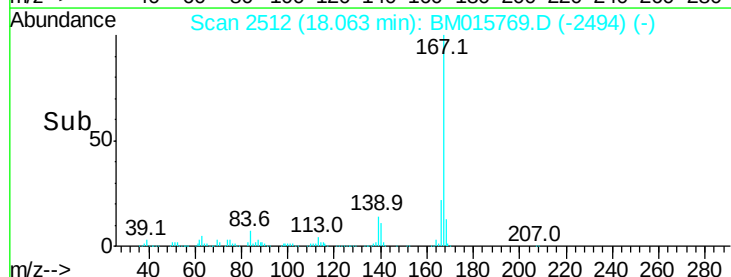
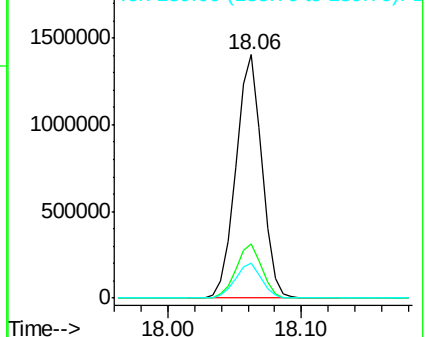


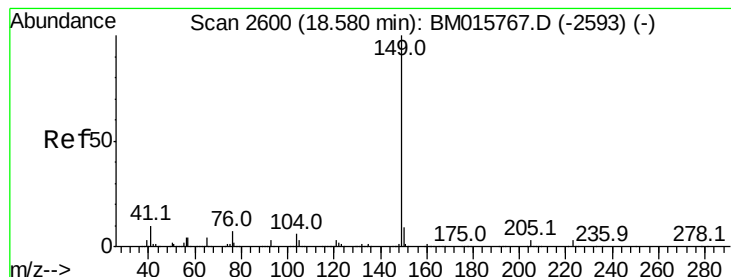
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 68.506 ng

RT: 18.58 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

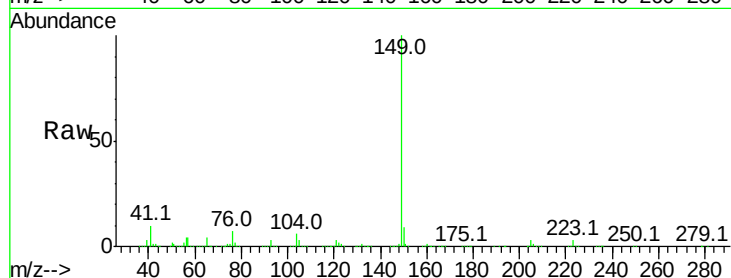
Tot Ion:149 Resp: 2630561

Ion Ratio Lower Upper

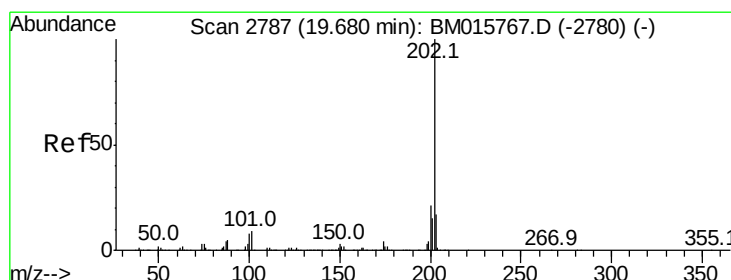
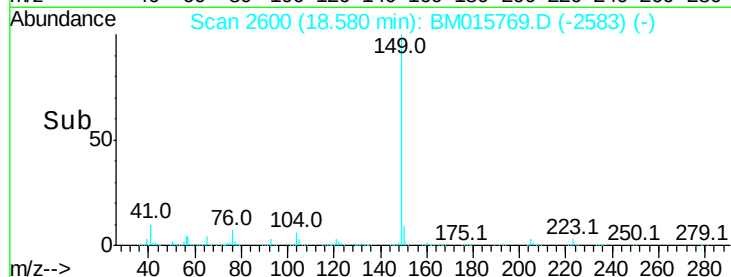
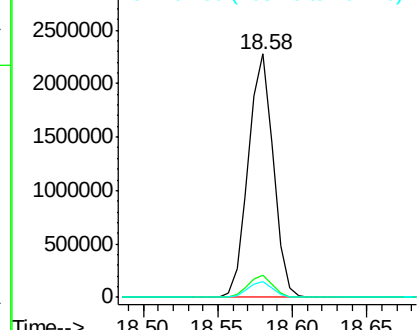
149 100

150 9.2 7.5 11.3

104 6.3 3.7 5.5#



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



#74

Fluoranthene

Concen: 61.655 ng

RT: 19.68 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

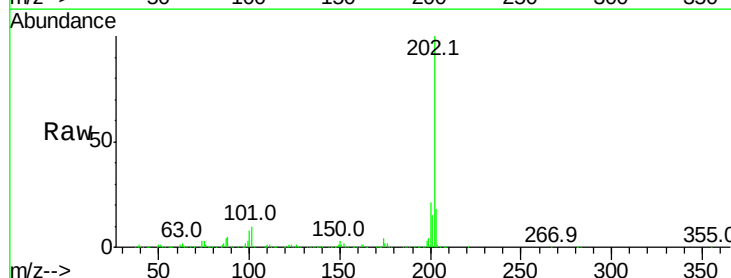
Tgt Ion:202 Resp: 2397744

Ion Ratio Lower Upper

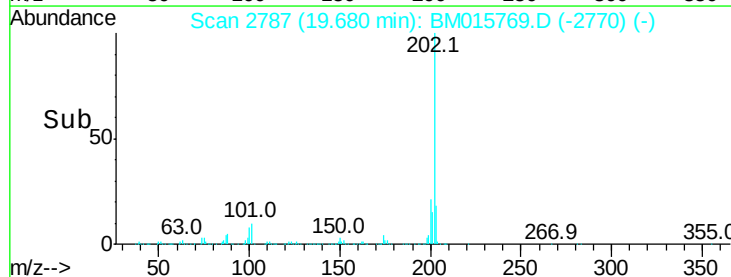
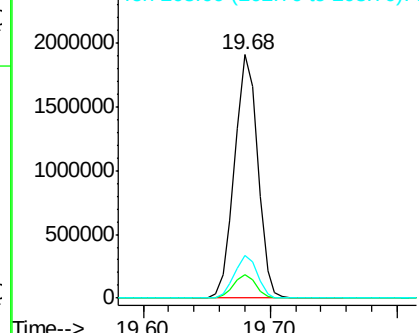
202 100

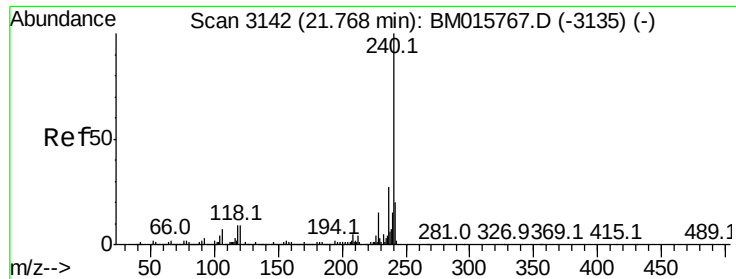
101 9.8 0.0 28.7

203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

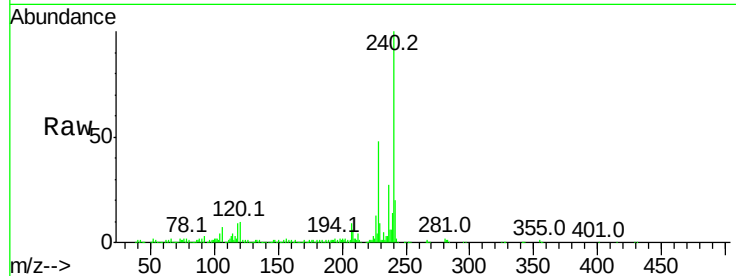
Tot Ion:240 Resp: 642171

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

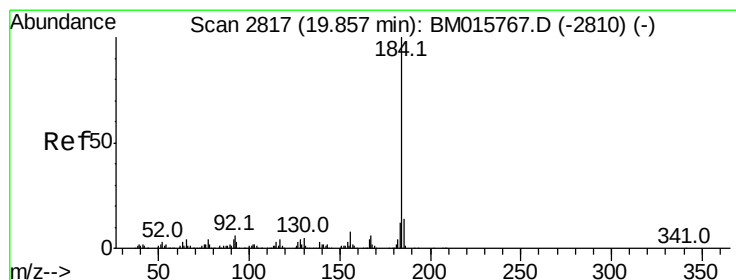
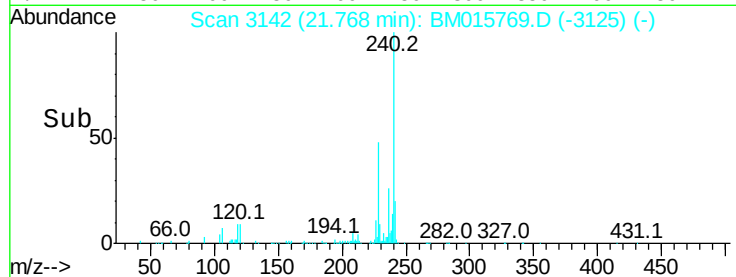
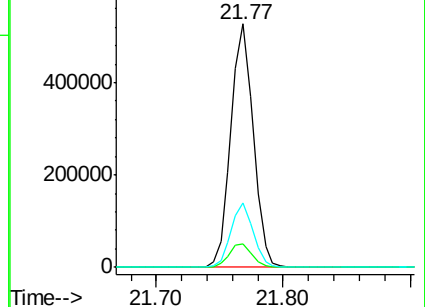
236 26.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.627 ng

RT: 19.86 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

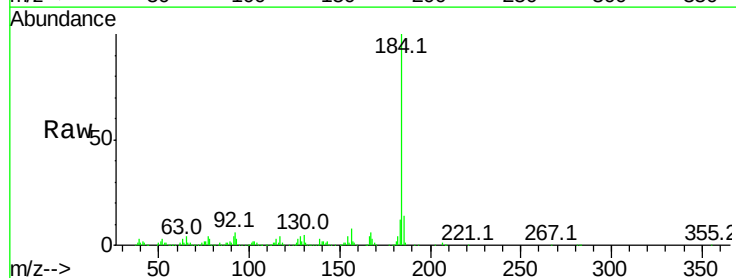
Tgt Ion:184 Resp: 844354

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

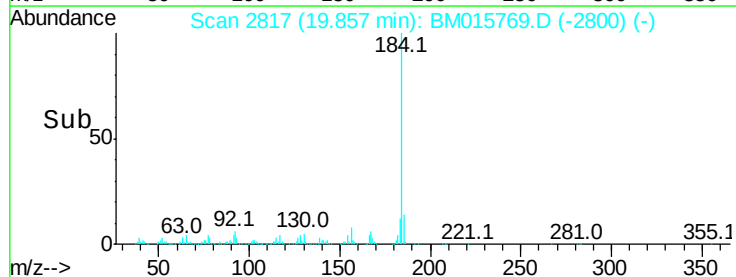
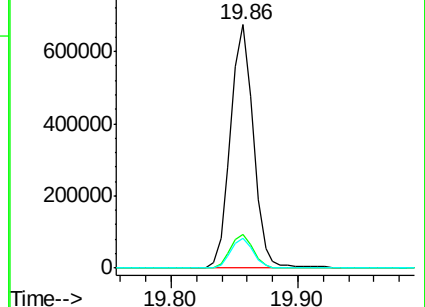
183 12.3 8.9 13.3

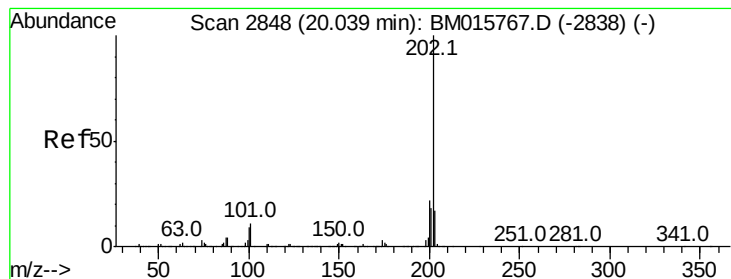


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 64.445 ng

RT: 20.04 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

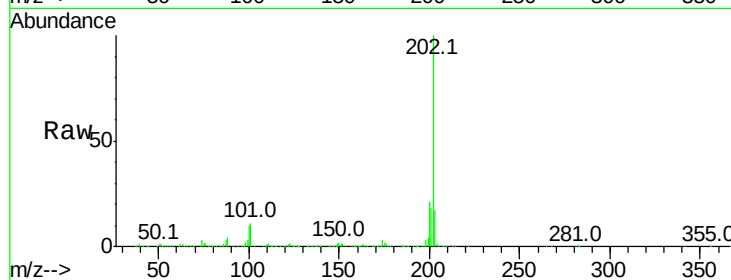
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2501304

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.3	14.1	21.1

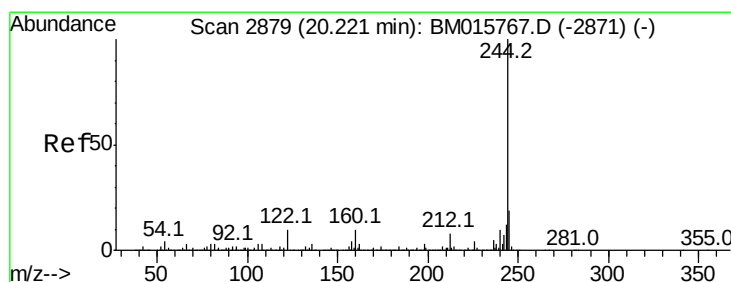
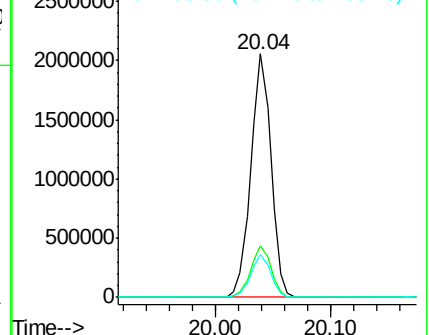
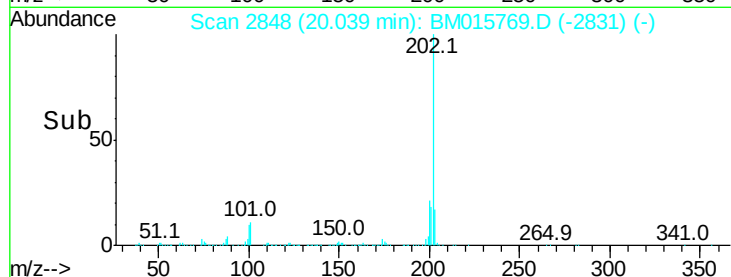


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.445 ng

RT: 20.22 min Scan# 2879

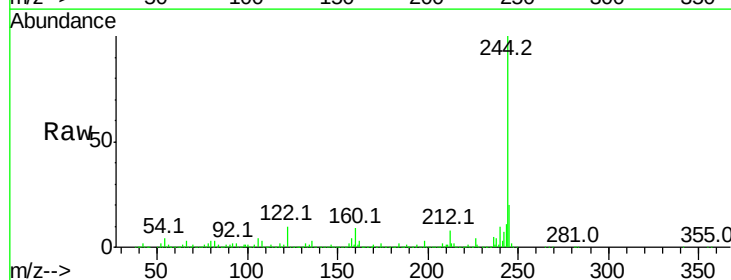
Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Tgt Ion:244 Resp: 4414568

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	10.3	6.2	9.4#

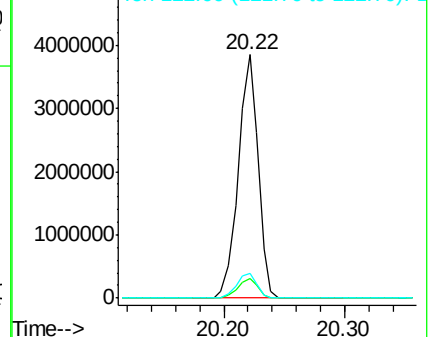
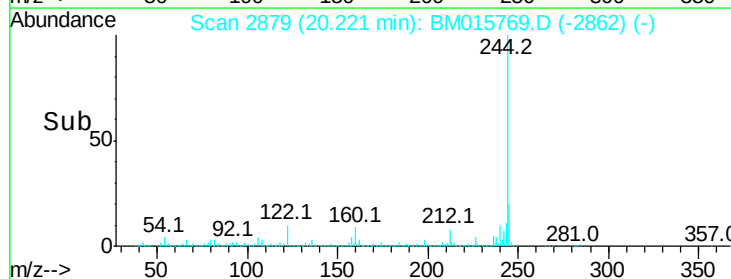


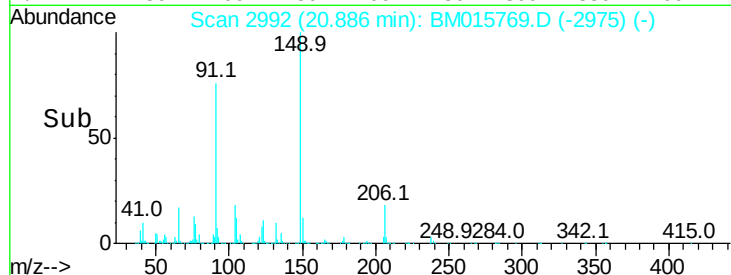
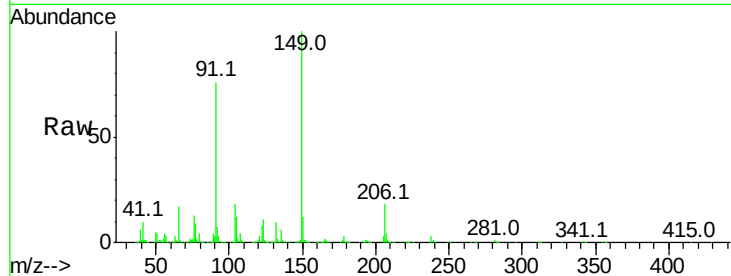
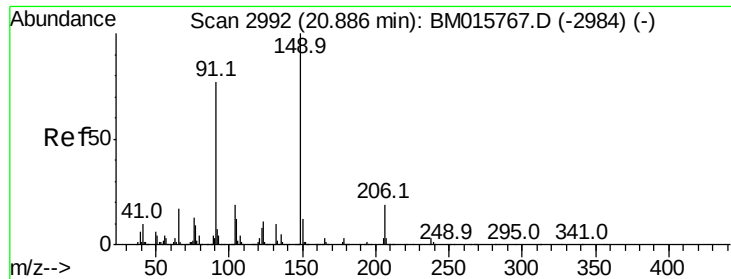
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

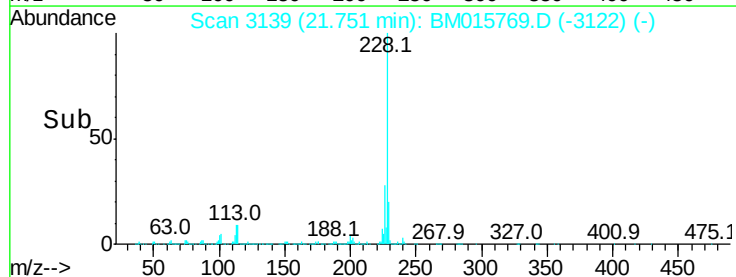
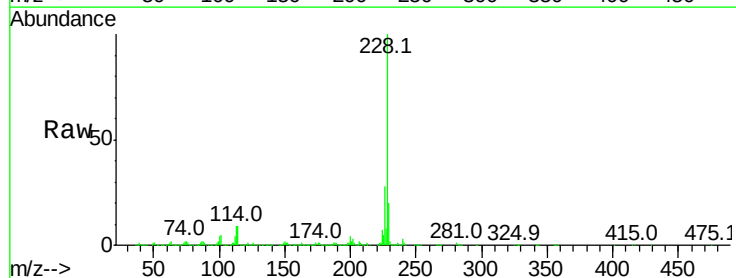
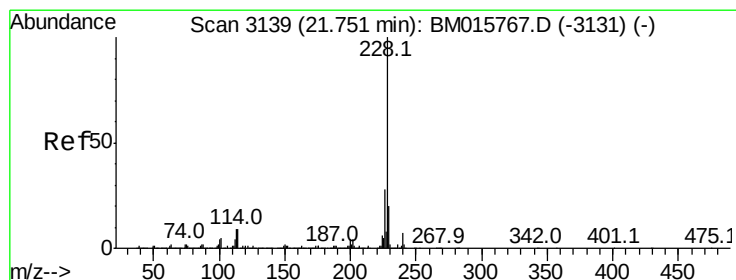
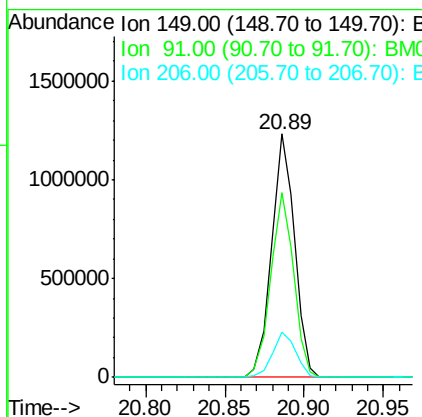




#79
 Butylbenzylphthalate
 Concen: 67.073 ng
 RT: 20.89 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

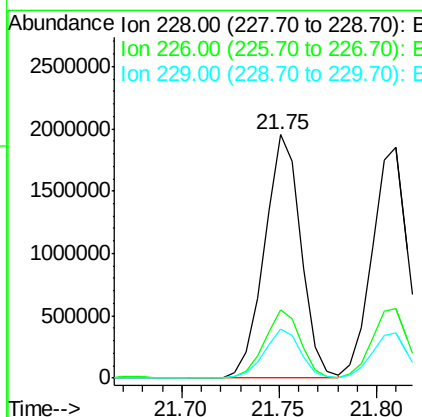
Instrument :
 BNA_M
 ClientSampleId :

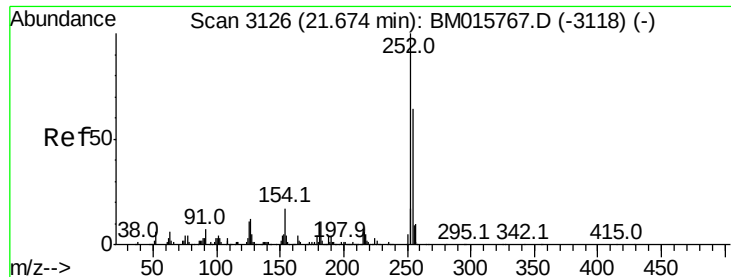
Tot Ion:149 Resp: 1252203
 Ion Ratio Lower Upper
 149 100
 91 76.0 50.1 75.1#
 206 18.5 16.2 24.2



#80
 Benzo(a)anthracene
 Concen: 61.781 ng
 RT: 21.75 min Scan# 3139
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion:228 Resp: 2526012
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.7 32.5
 229 20.0 16.0 24.0

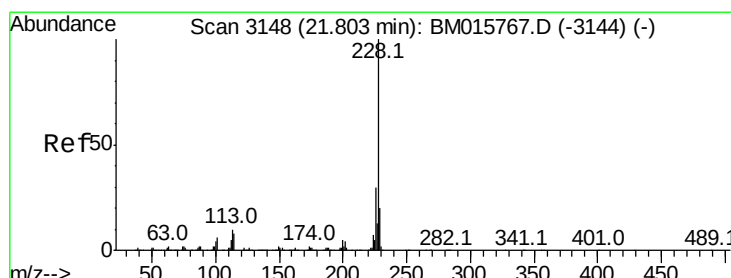
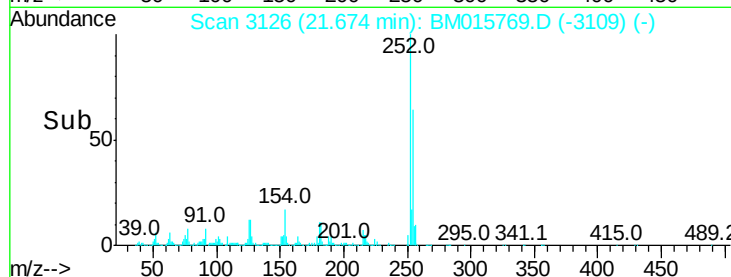
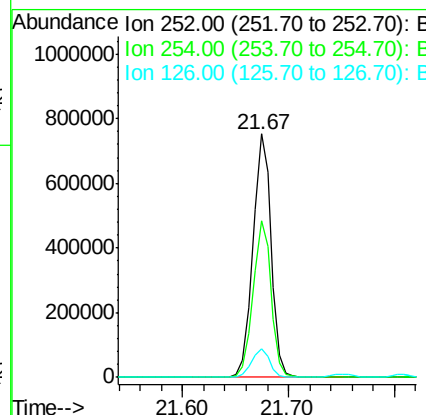
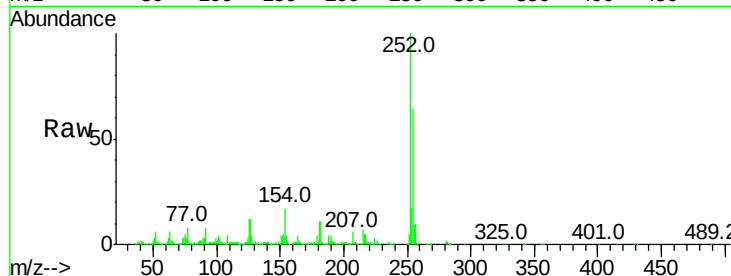




#81
 3,3'-Dichlorobenzidine
 Concen: 56.216 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

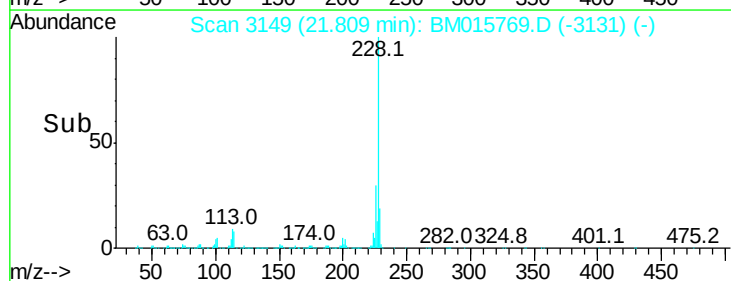
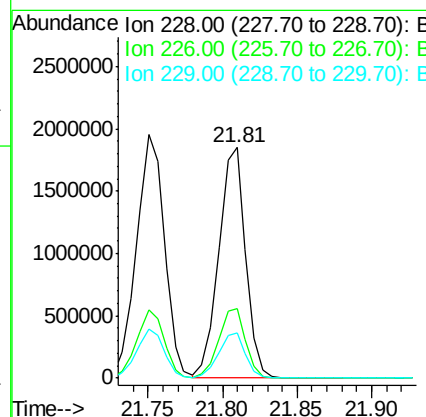
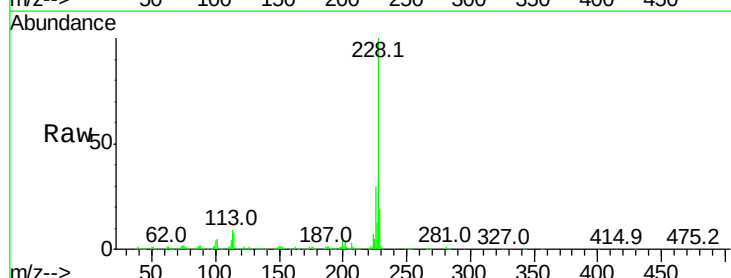
Instrument :
 BNA_M
 ClientSampleId :

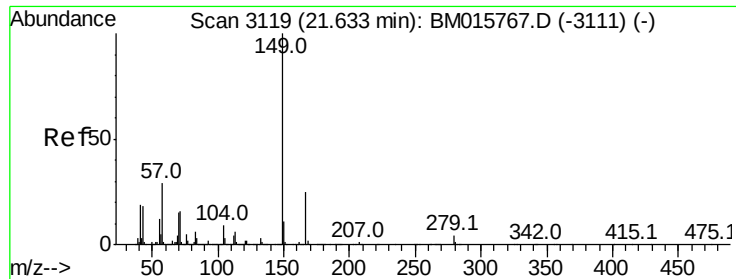
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.9	9.8	14.8



#82
 Chrysene
 Concen: 61.217 ng
 RT: 21.81 min Scan# 3149
 Delta R.T. 0.01 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.5	15.5	23.3

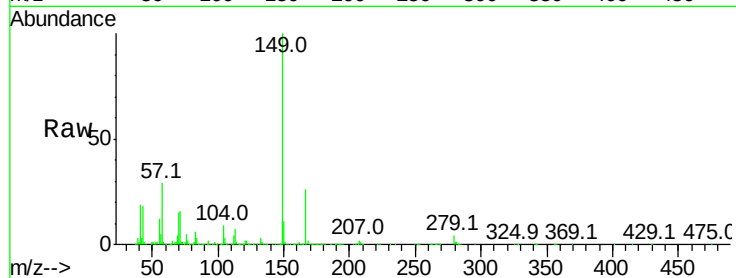




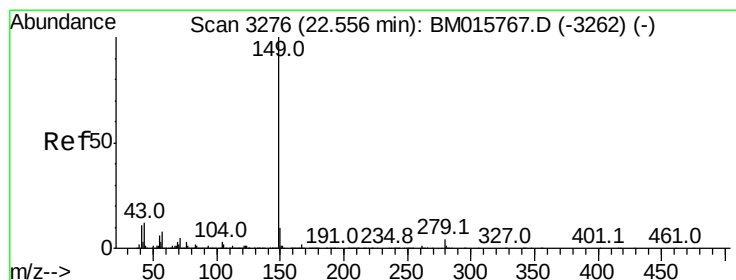
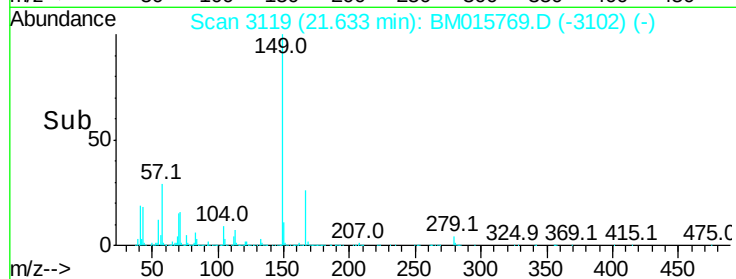
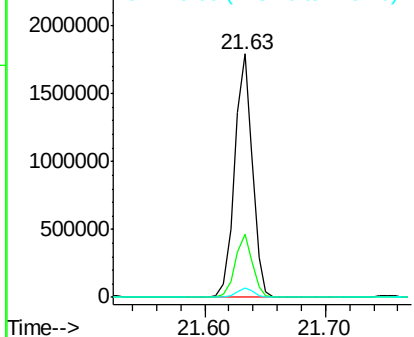
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 66.415 ng
 RT: 21.63 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1834611
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.4 33.6
 279 4.1 3.4 5.0

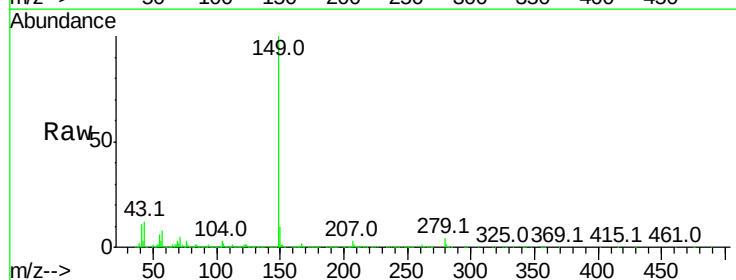


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

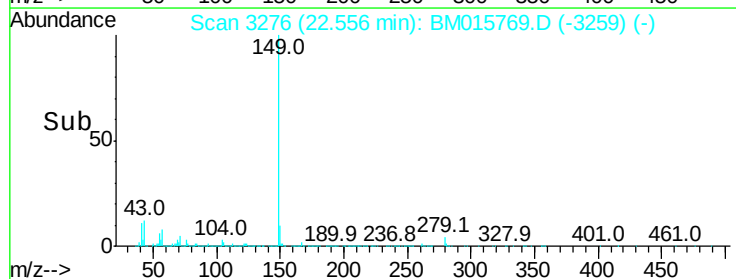
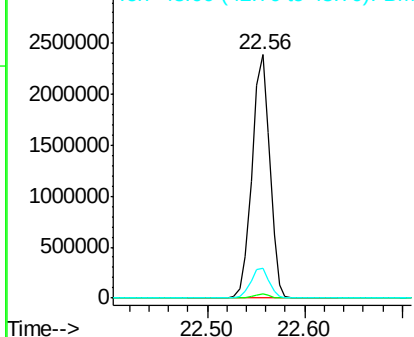


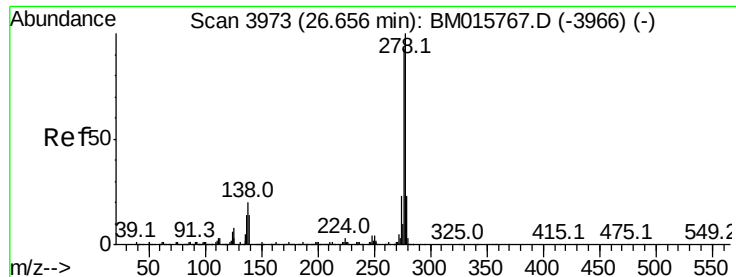
#84
 Di-n-octyl phthalate
 Concen: 62.499 ng
 RT: 22.56 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BM015769.D
 Acq: 05 Jul 2018 16:03

Tgt Ion:149 Resp: 3011301
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.6 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0



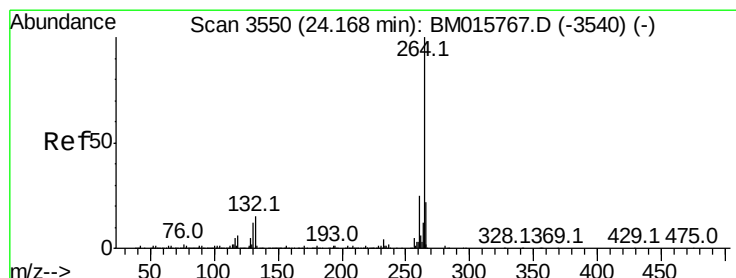
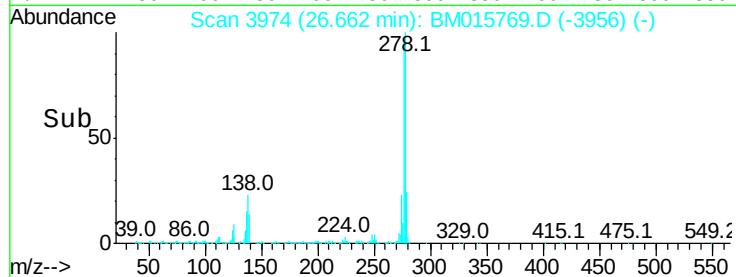
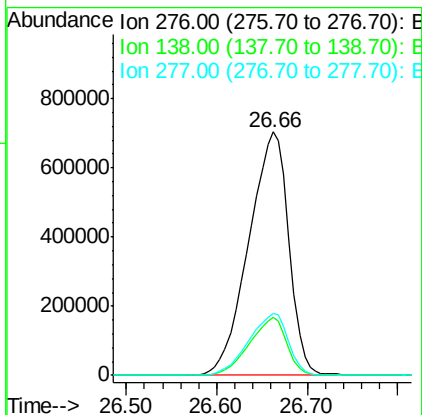
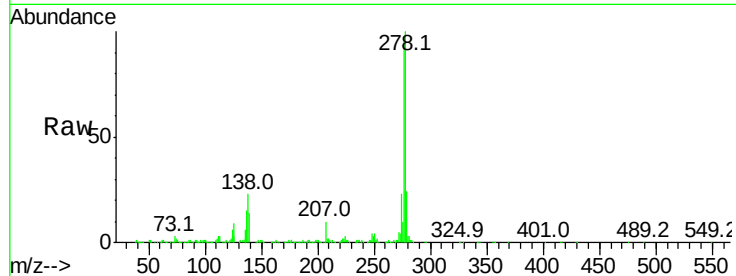


#85

Indeno(1,2,3-cd)pyrene
Concen: 41.908 ng
RT: 26.66 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Instrument :
BNA_M
ClientSampleId :

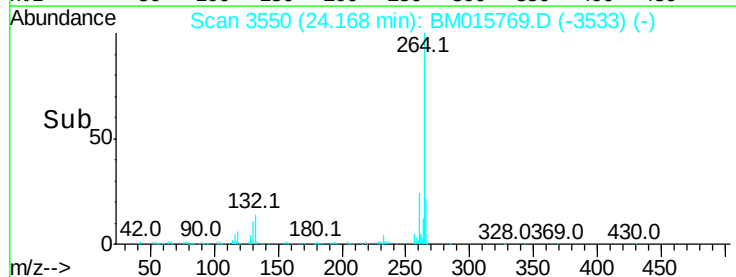
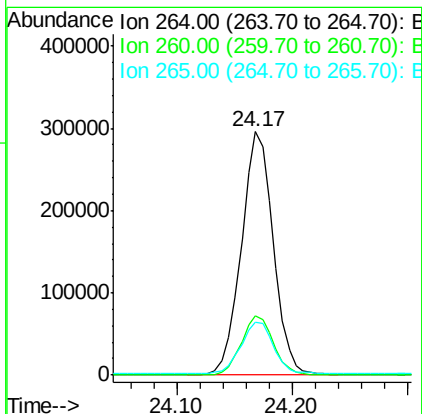
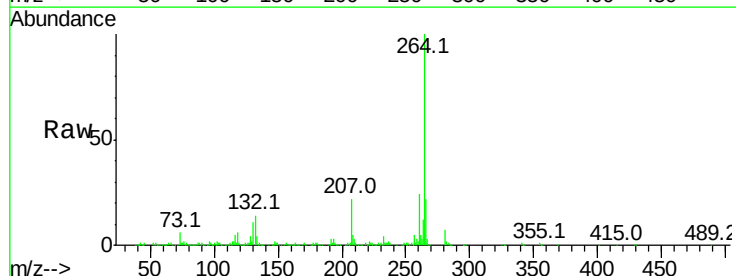
Tot Ion:276 Resp: 2163511
Ion Ratio Lower Upper
276 100
138 22.5 12.0 18.0#
277 25.4 20.0 30.0

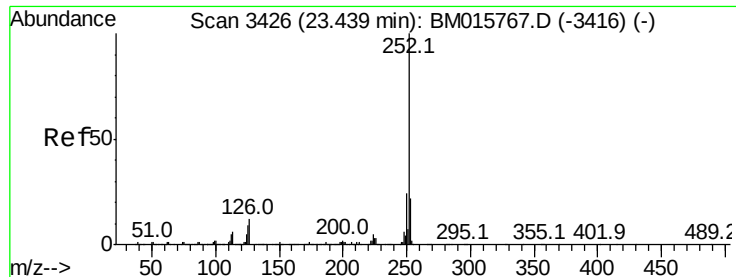


#86

Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:264 Resp: 569223
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 22.0 17.3 25.9

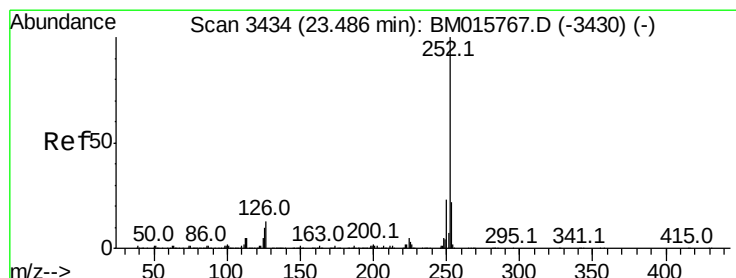
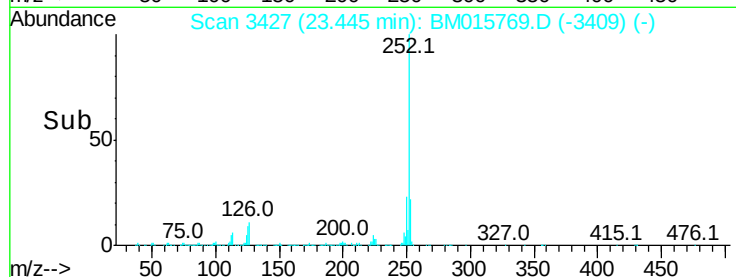
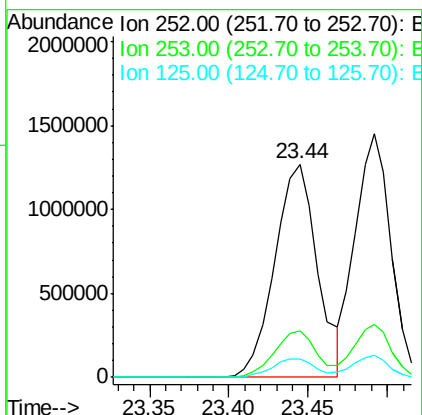
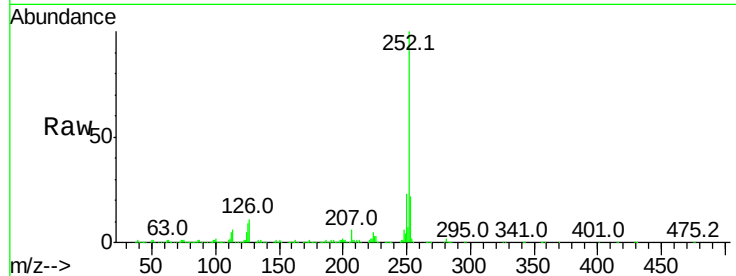




#87
Benzo(b)fluoranthene
Concen: 68.836 ng
RT: 23.44 min Scan# 3427
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

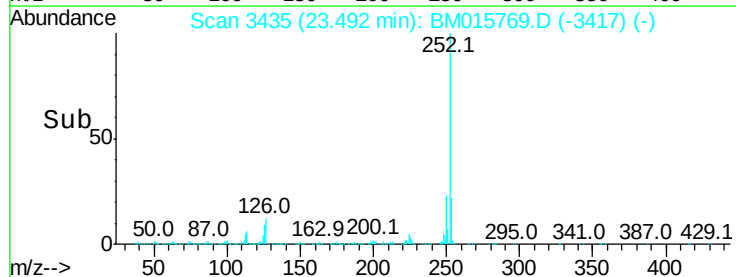
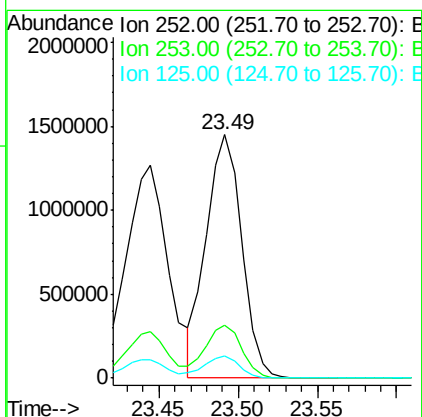
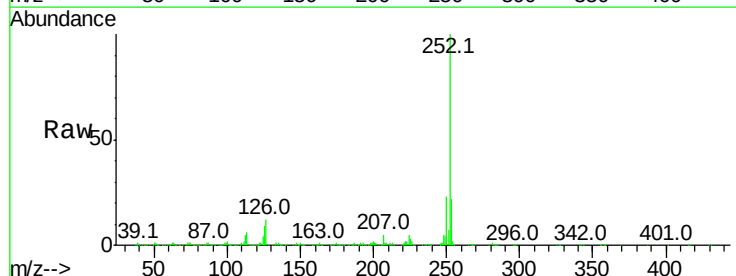
Instrument :
BNA_M
ClientSampleId :

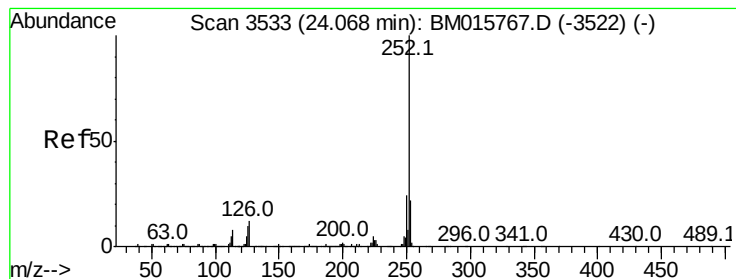
Tot Ion:252 Resp: 2378965
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.7 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 68.884 ng
RT: 23.49 min Scan# 3435
Delta R.T. 0.01 min
Lab File: BM015769.D
Acq: 05 Jul 2018 16:03

Tgt Ion:252 Resp: 2265498
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.1 8.1 12.1





#89

Benzo(a)pyrene

Concen: 62.651 ng

RT: 24.07 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

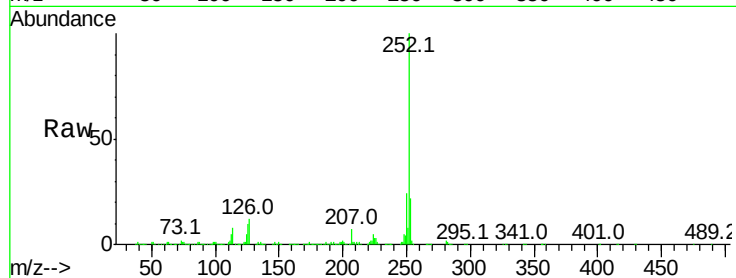
Tot Ion:252 Resp: 2092663

Ion Ratio Lower Upper

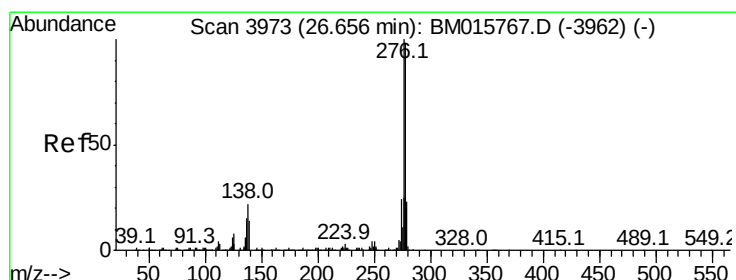
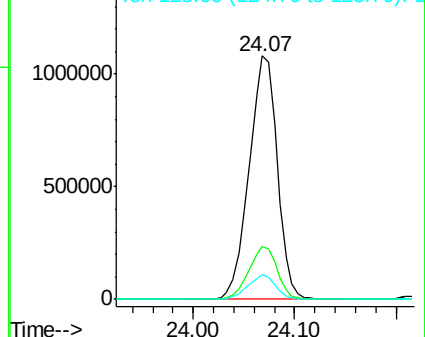
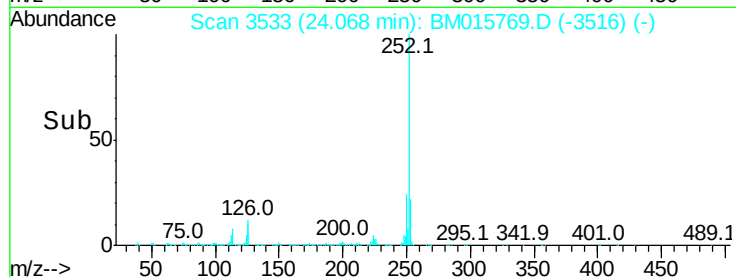
252 100

253 21.8 17.6 26.4

125 10.2 7.4 11.2



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

Dibenzo(a,h)anthracene

Concen: 54.606 ng

RT: 26.66 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

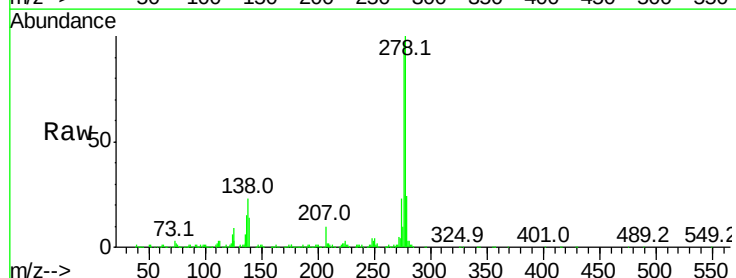
Tgt Ion:278 Resp: 1894980

Ion Ratio Lower Upper

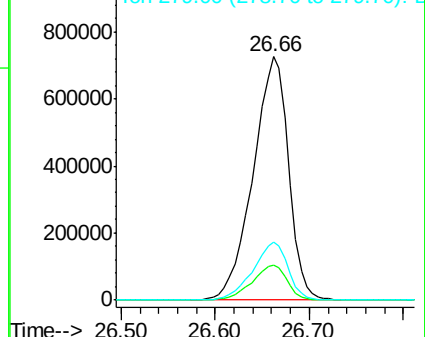
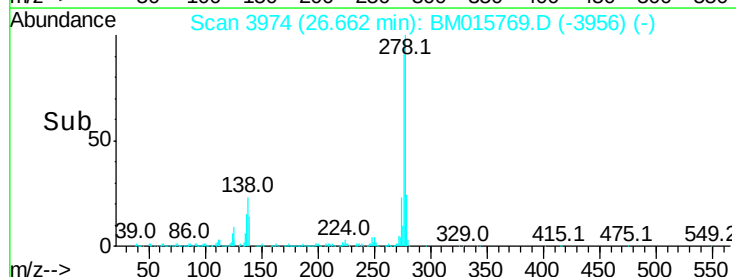
278 100

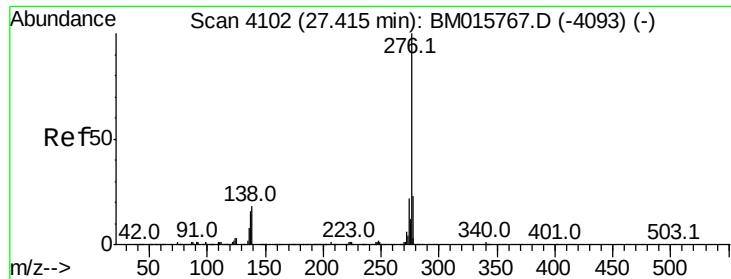
139 14.3 13.4 20.0

279 23.7 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





#91

Benzo(a,h,i)perylene

Concen: 48.033 ng

RT: 27.43 min Scan# 4104

Delta R.T. 0.01 min

Lab File: BM015769.D

Acq: 05 Jul 2018 16:03

Instrument :

BNA_M

ClientSampleId :

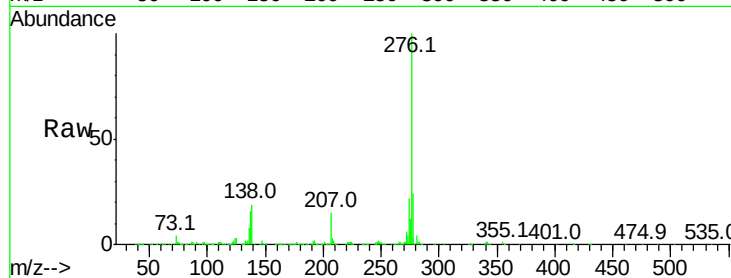
Tot Ion:276 Resp: 1616251

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 18.7 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

