

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015768.D
 Acq On : 05 Jul 2018 15:25
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 16:01:06 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	94483	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	424548	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	244887	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	538804	20.00	ng	0.00
75) Chrysene-d12	21.77	240	622342	20.00	ng	0.00
86) Perylene-d12	24.17	264	578939	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.82	112	571120	102.82	ng	0.00
7) Phenol-d6	7.46	99	785959	93.62	ng	0.00
23) Nitrobenzene-d5	9.50	82	907720	116.30	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	347146	98.64	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2016737	110.57	ng	0.00
78) Terphenyl-d14	20.22	244	3360416	124.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	113665	54.870	ng	# 100
3) Pyridine	4.02	79	300466	49.891	ng	# 81
4) n-Nitrosodimethylamine	3.92	42	237042	70.350	ng	# 45
6) Aniline	7.64	93	471988	44.317	ng	92
8) 2-Chlorophenol	7.87	128	342549	49.777	ng	98
9) Benzaldehyde	7.45	77	214021	40.050	ng	95
10) Phenol	7.49	94	391622	45.990	ng	91
11) bis(2-Chloroethyl)ether	7.73	93	312778	47.046	ng	88
12) 1,3-Dichlorobenzene	8.20	146	369845	50.278	ng	# 92
13) 1,4-Dichlorobenzene	8.35	146	378069	50.361	ng	# 95
14) 1,2-Dichlorobenzene	8.67	146	370774	50.541	ng	95
15) Benzyl Alcohol	8.56	79	340857	50.728	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	338815	30.665	ng	99
17) 2-Methylphenol	8.76	107	274154	45.763	ng	# 87
18) Hexachloroethane	9.40	117	153473	55.504	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	313324	49.359	ng	# 77
20) 3+4-Methylphenols	9.10	107	385967	46.588	ng	89
22) Acetophenone	9.16	105	568575	54.444	ng	# 88
24) Nitrobenzene	9.55	77	432568	52.865	ng	99
25) Isophorone	10.07	82	698209	44.399	ng	# 96
26) 2-Nitrophenol	10.26	139	190321	51.579	ng	# 66
27) 2,4-Dimethylphenol	10.30	122	284739	41.126	ng	87
28) bis(2-Chloroethoxy)methane	10.54	93	440297	47.630	ng	99
29) 2,4-Dichlorophenol	10.79	162	327369	50.731	ng	98
30) 1,2,4-Trichlorobenzene	11.00	180	364900	52.650	ng	98
31) Naphthalene	11.19	128	1116624	50.749	ng	100
32) Benzoic acid	10.49	122	204012	41.559	ng	84
33) 4-Chloroaniline	11.31	127	468516	47.988	ng	# 89
34) Hexachlorobutadiene	11.45	225	242428	60.199	ng	99
35) Caprolactam	12.13	113	107170	43.317	ng	91
36) 4-Chloro-3-methylphenol	12.41	107	371480	48.422	ng	86
37) 2-Methylnaphthalene	12.78	142	800606	48.414	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	407121	53.921	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	161569	44.004	ng	99

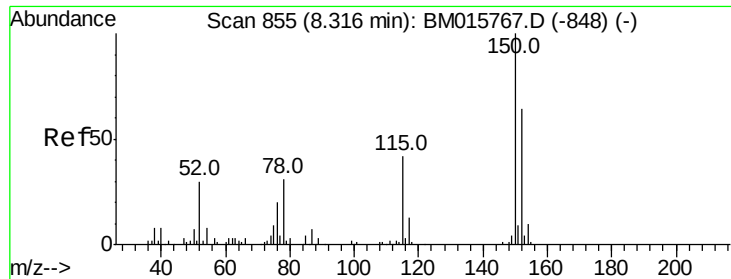
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015768.D
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Quant Time: Jul 05 16:01:06 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 15:37:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	265924	51.982	nq	99
43) 2,4,5-Trichlorophenol	13.46	196	284119	50.587	nq	# 86
45) 1,1'-Biphenyl	13.77	154	1081640	53.439	nq	99
46) 2-Chloronaphthalene	13.83	162	806158	51.949	nq	# 92
47) 2-Nitroaniline	14.03	65	288574	56.267	nq	# 80
48) Acenaphthylene	14.66	152	1337389	53.746	nq	99
49) Dimethylphthalate	14.39	163	1090483	51.862	nq	100
50) 2,6-Dinitrotoluene	14.52	165	222088	49.677	nq	# 75
51) Acenaphthene	15.00	154	818455	53.925	nq	98
52) 3-Nitroaniline	14.85	138	239422	50.429	nq	# 78
53) 2,4-Dinitrophenol	15.07	184	97833	39.634	nq	93
54) Dibenzofuran	15.33	168	1248430	51.101	nq	# 87
55) 4-Nitrophenol	15.15	139	181265	43.228	nq	# 71
56) 2,4-Dinitrotoluene	15.30	165	316968	51.037	nq	93
57) Fluorene	15.97	166	1048310	52.156	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	241126	46.409	nq	# 100
59) Diethylphthalate	15.73	149	1183294	54.521	nq	96
60) 4-Chlorophenyl-phenylether	15.96	204	533652	53.418	nq	90
61) 4-Nitroaniline	16.01	138	259457	49.349	nq	# 40
62) Azobenzene	16.25	77	1137172	56.244	nq	83
64) 4,6-Dinitro-2-methylphenol	16.07	198	172895	55.706	nq	89
65) n-Nitrosodiphenylamine	16.17	169	957453	57.544	nq	99
66) 4-Bromophenyl-phenylether	16.84	248	311844	54.051	nq	# 84
67) Hexachlorobenzene	16.97	284	346762	52.267	nq	# 80
68) Atrazine	17.11	200	312154	53.878	nq	99
69) Pentachlorophenol	17.31	266	218289	56.018	nq	98
70) Phenanthrene	17.70	178	1584717	52.139	nq	99
71) Anthracene	17.79	178	1583480	50.873	nq	99
72) Carbazole	18.06	167	1469976	50.968	nq	98
73) Di-n-butylphthalate	18.58	149	2011272	55.711	nq	# 98
74) Fluoranthene	19.68	202	1862588	50.941	nq	99
76) Benzidine	19.86	184	1868590	88.208	nq	99
77) Pyrene	20.04	202	1935951	51.468	nq	100
79) Butylbenzylphthalate	20.89	149	974521	53.862	nq	# 86
80) Benzo(a)anthracene	21.75	228	2008464	50.688	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	764118	48.991	nq	99
82) Chrysene	21.81	228	1840860	50.093	nq	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1444963	53.976	nq	96
84) Di-n-octyl phthalate	22.56	149	2419703	51.821	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.66	276	1904842	38.073	nq	# 93
87) Benzo(b)fluoranthene	23.44	252	1911789	54.389	nq	# 96
88) Benzo(k)fluoranthene	23.49	252	1956589	58.493	nq	98
89) Benzo(a)pyrene	24.07	252	1752138	51.576	nq	99
90) Dibenzo(a,h)anthracene	26.66	278	1653578	46.850	nq	96
91) Benzo(g,h,i)perylene	27.42	276	1435590	41.948	nq	# 94

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

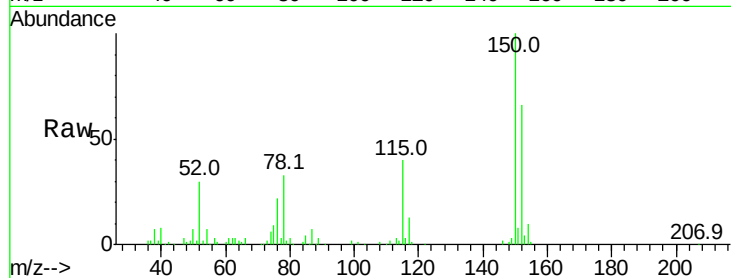


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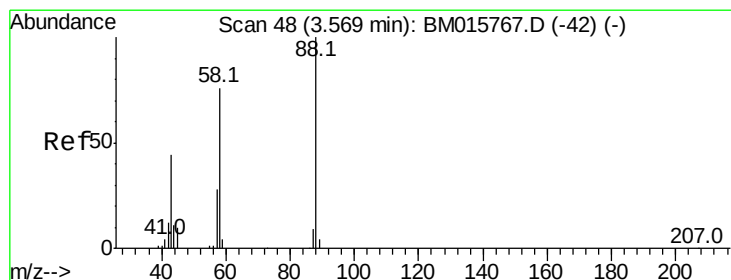
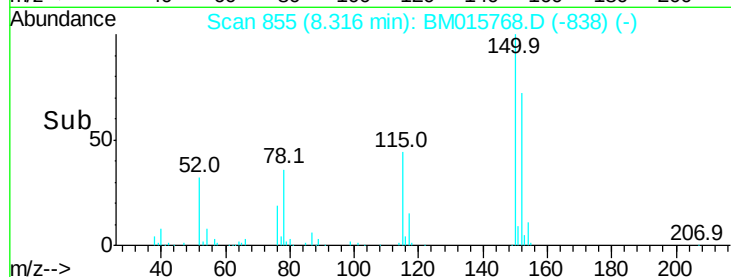
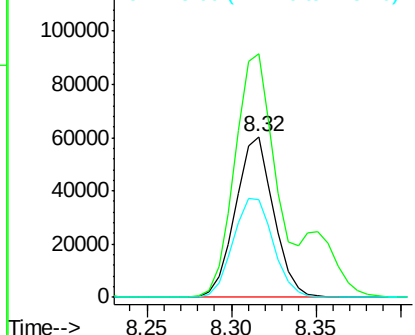
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 94483
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 61.1 43.0 64.4



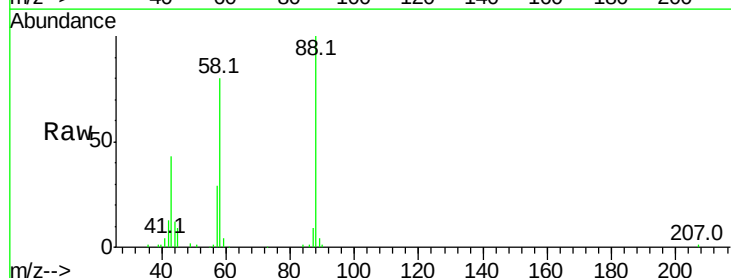
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



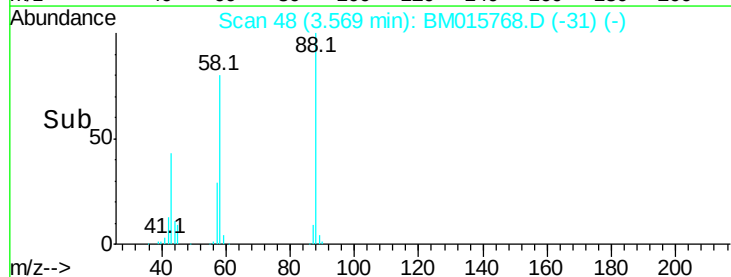
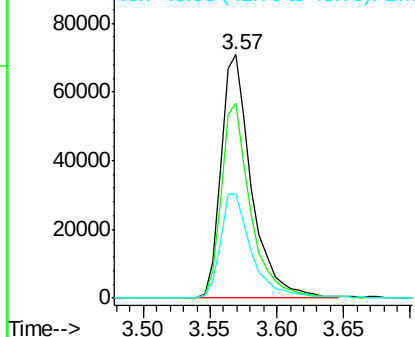
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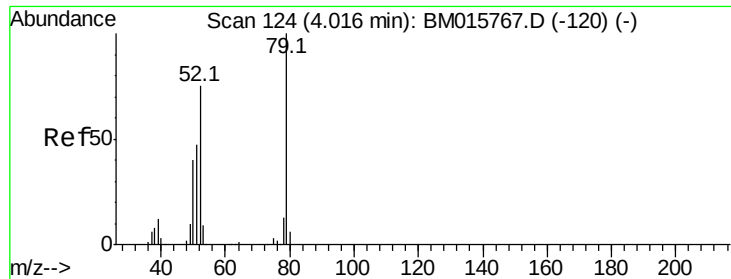
1,4-Dioxane
Concen: 54.870 ng
RT: 3.57 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion: 88 Resp: 113665
Ion Ratio Lower Upper
88 100
58 76.9 0.0 0.0#
43 43.8 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

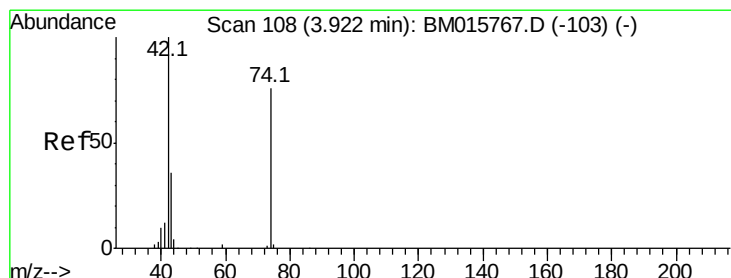
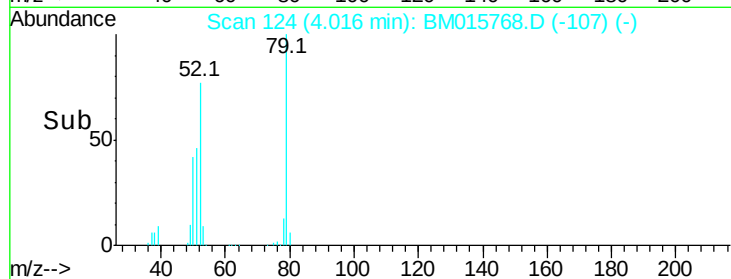
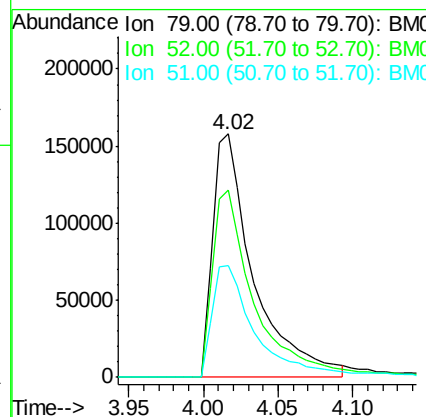
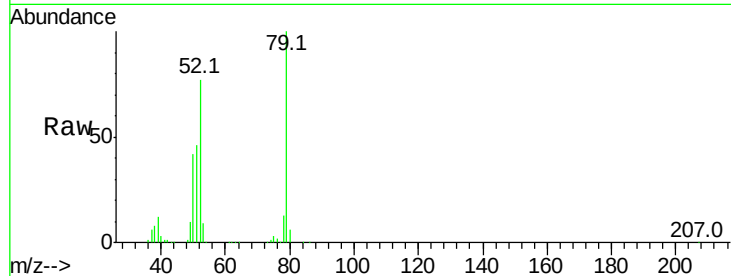




#3
 Pvridine
 Concen: 49.891 ng
 RT: 4.02 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

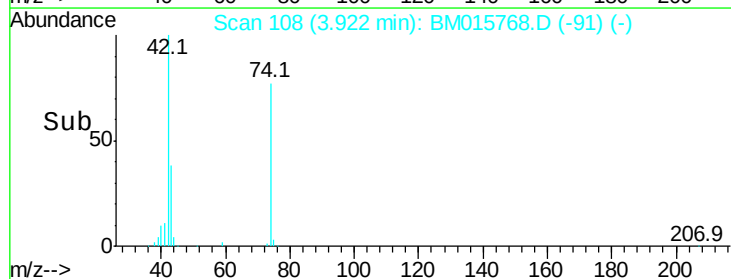
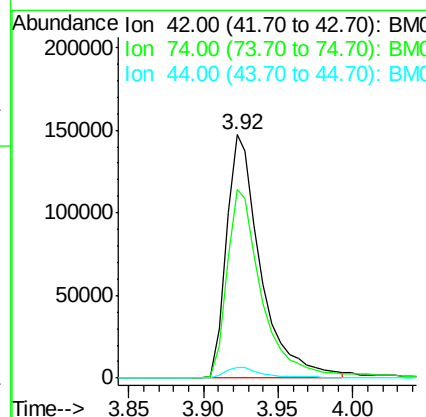
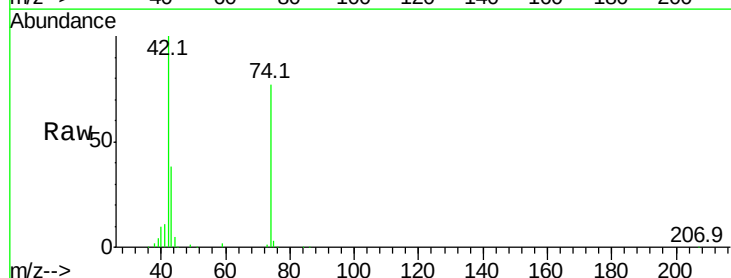
Instrument :
 BNA_M
 ClientSampleId :

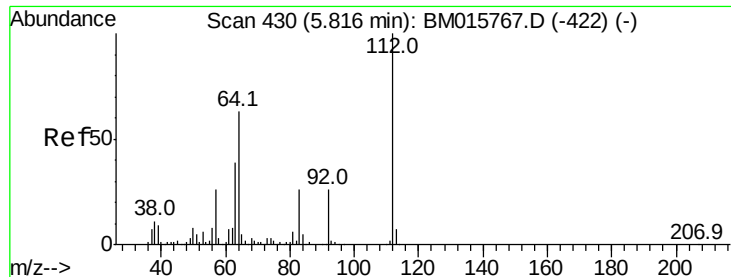
Tot Ion: 79 Resp: 300466
 Ion Ratio Lower Upper
 79 100
 52 77.1 51.1 76.7#
 51 46.2 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 70.350 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion: 42 Resp: 237042
 Ion Ratio Lower Upper
 42 100
 74 77.4 119.3 178.9#
 44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 70.350 ng

RT: 5.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

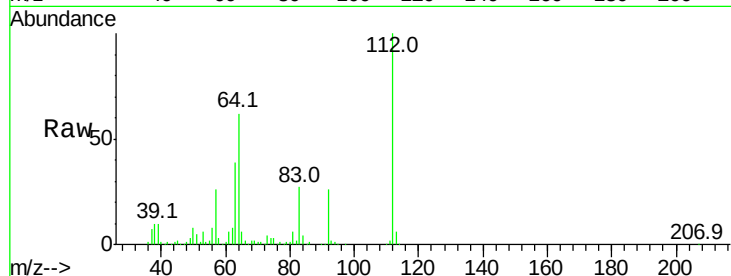
Tot Ion:112 Resp: 571120

Ion Ratio Lower Upper

112 100

64 62.1 38.6 57.8#

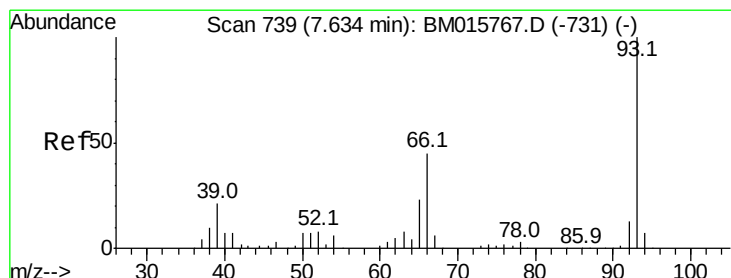
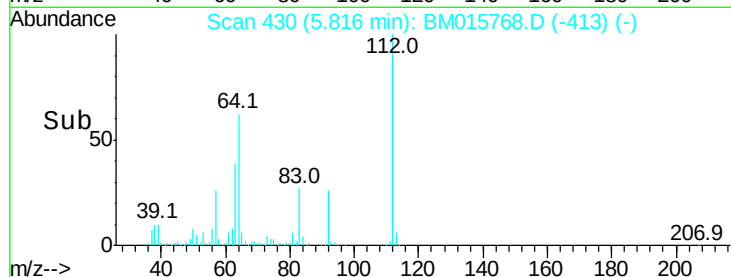
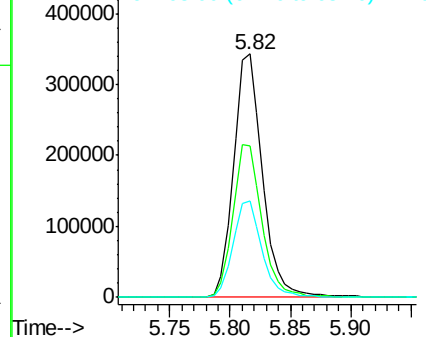
63 39.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 44.317 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

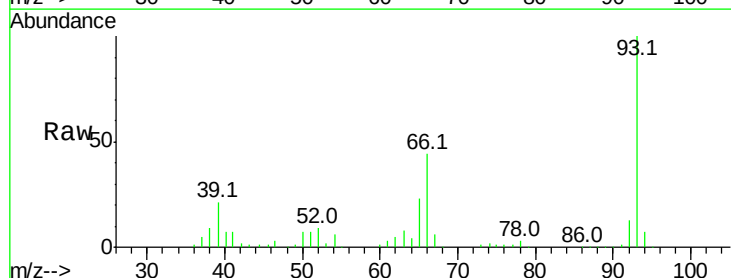
Tgt Ion: 93 Resp: 471988

Ion Ratio Lower Upper

93 100

66 43.5 30.8 46.2

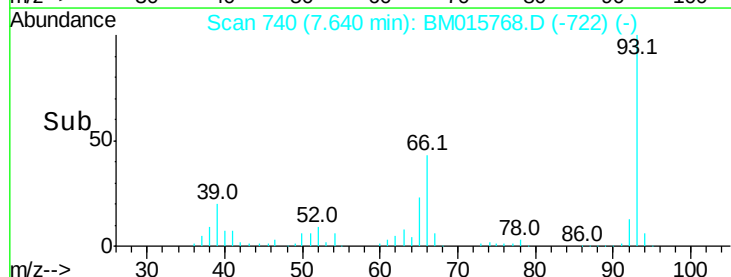
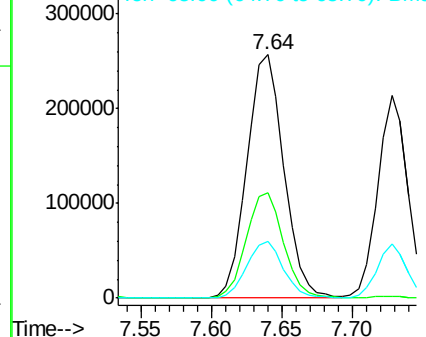
65 23.2 16.0 24.0

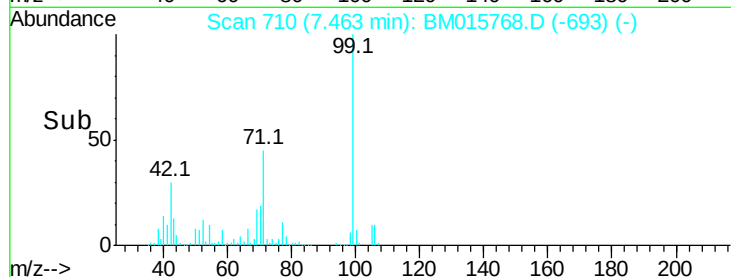
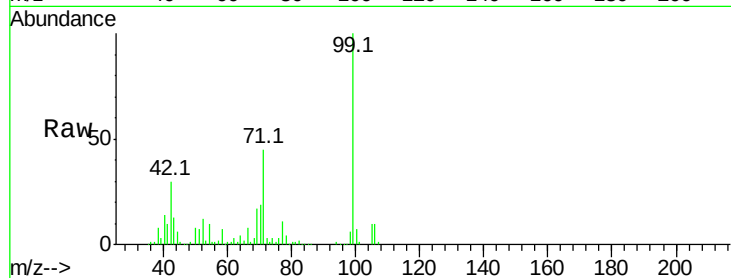
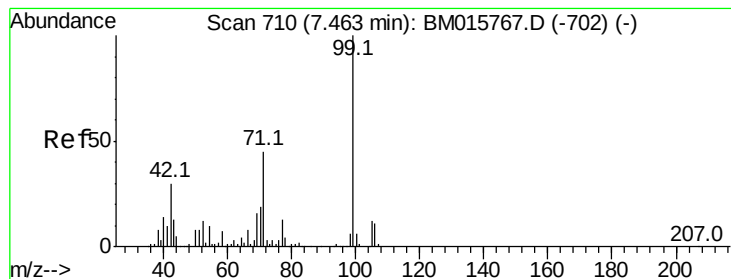


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 44.317 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

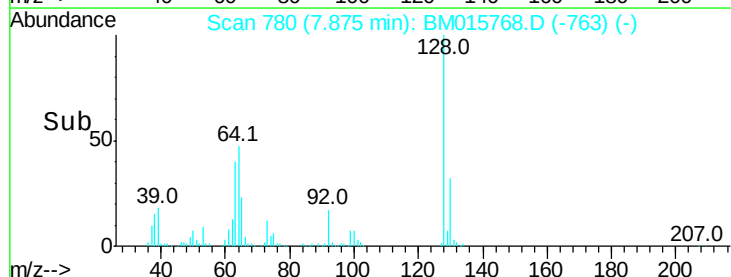
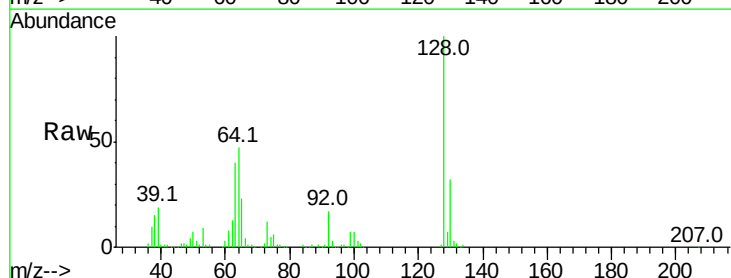
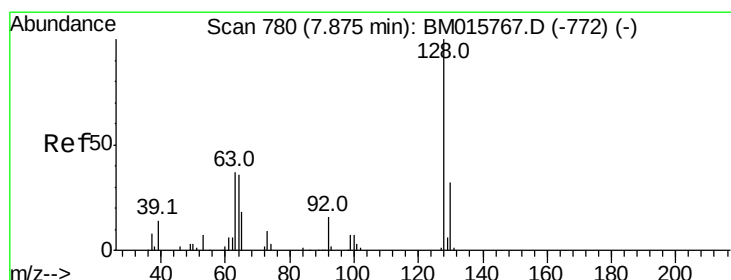
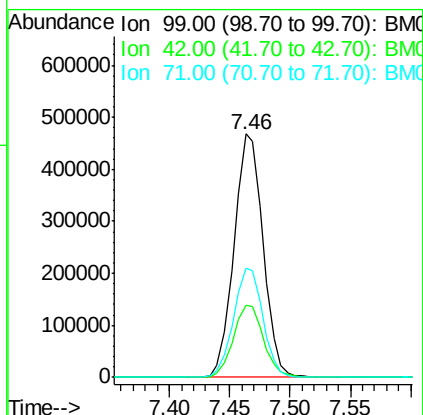
Tot Ion: 99 Resp: 785959

Ion Ratio Lower Upper

99 100

42 29.7 11.0 16.4#

71 45.0 23.4 35.2#



#8

2-Chlorophenol

Concen: 49.777 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

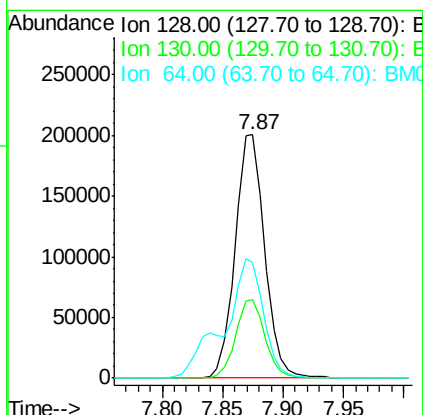
Tgt Ion: 128 Resp: 342549

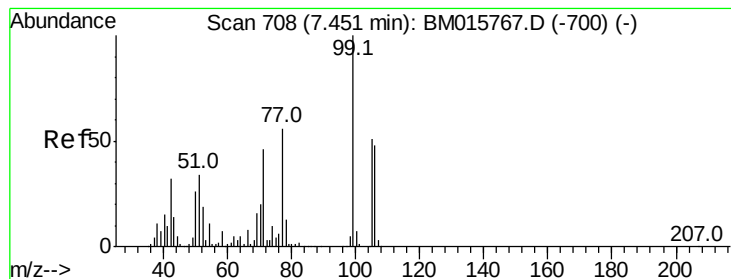
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 47.4 24.9 64.9





#9

Benzaldehyde

Concen: 40.050 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

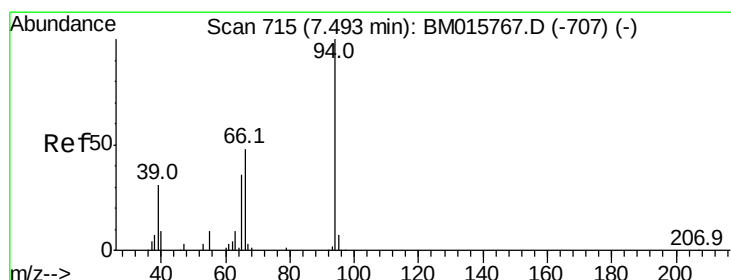
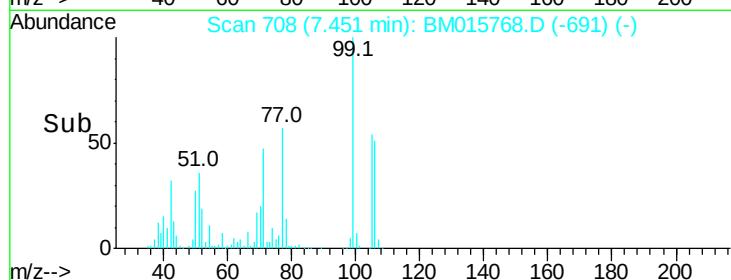
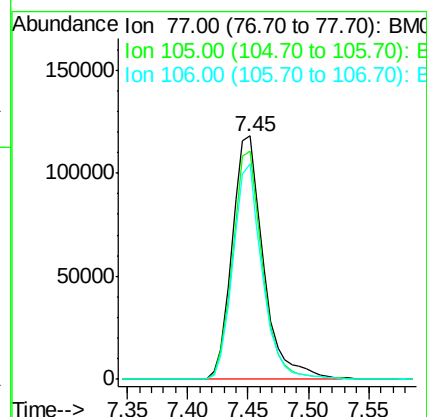
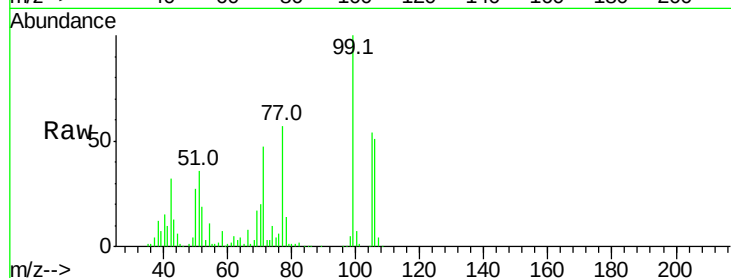
Tot Ion: 77 Resp: 214021

Ion Ratio Lower Upper

77 100

105 93.5 78.8 118.8

106 88.6 73.7 113.7



#10

Phenol

Concen: 45.990 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

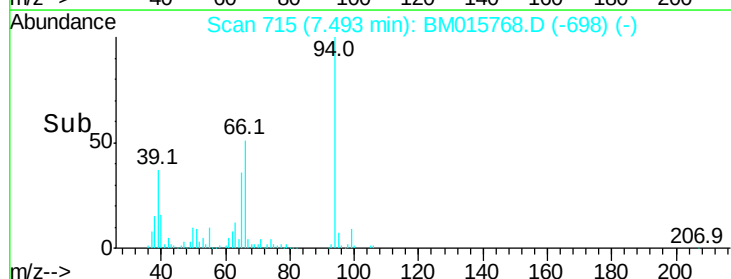
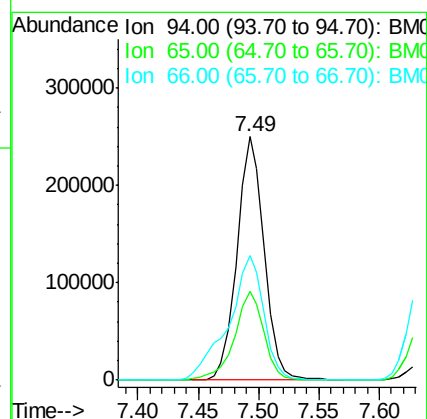
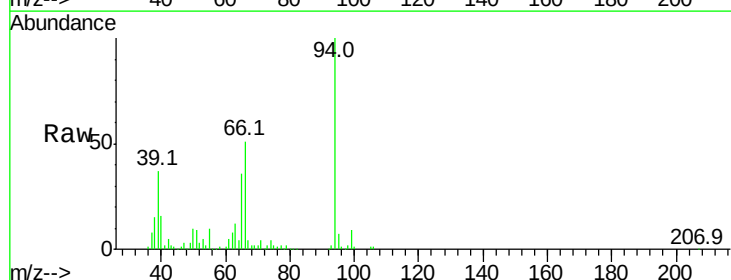
Tgt Ion: 94 Resp: 391622

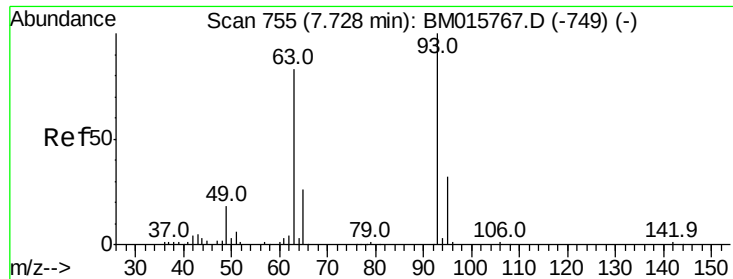
Ion Ratio Lower Upper

94 100

65 36.4 18.8 58.8

66 51.2 39.9 79.9

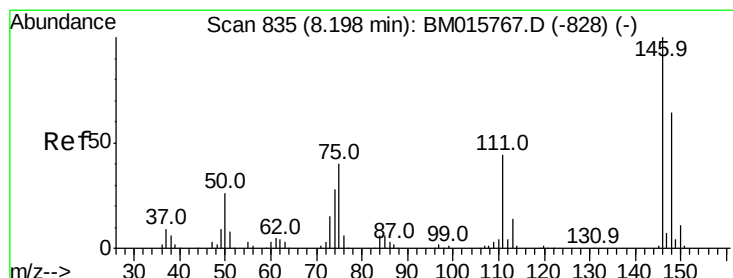
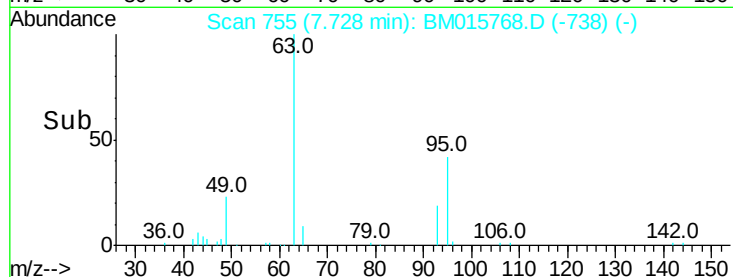
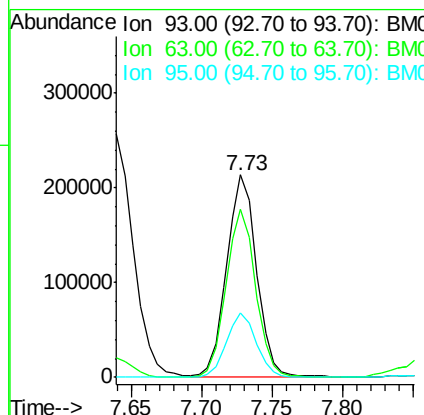
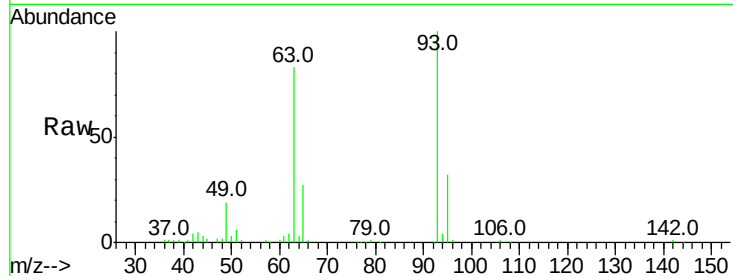




#11
 bis(2-Chloroethyl)ether
 Concen: 47.046 ng
 RT: 7.73 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

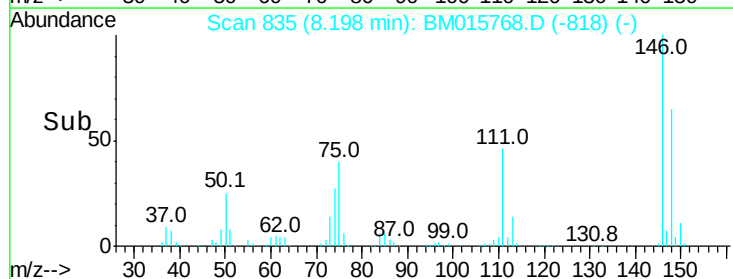
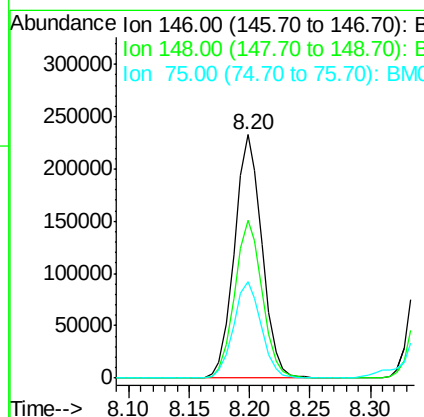
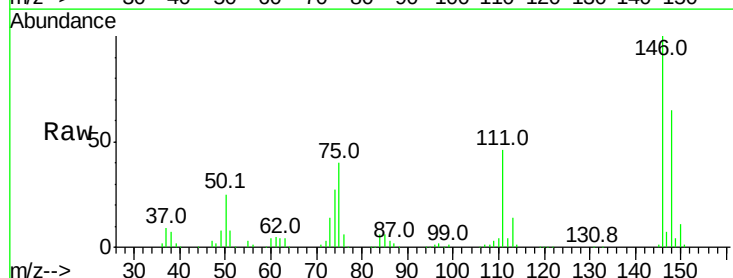
Instrument :
 BNA_M
 ClientSampleId :

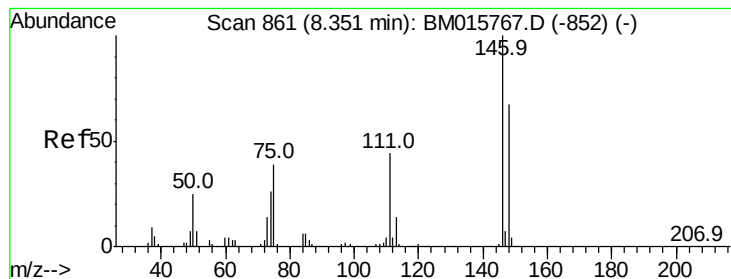
Tot Ion:	93	Resp:	312778
Ion	Ratio	Lower	Upper
93	100		
63	82.8	49.5	89.5
95	32.0	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 50.278 ng
 RT: 8.20 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:	146	Resp:	369845
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	39.8	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 50.361 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

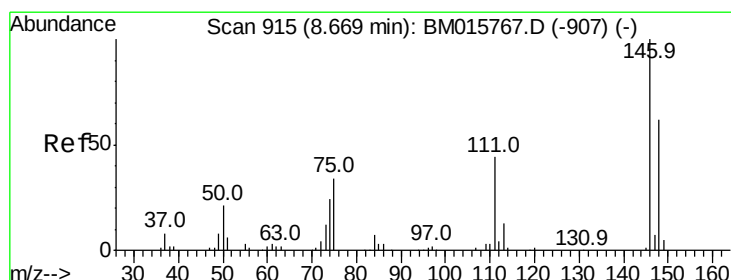
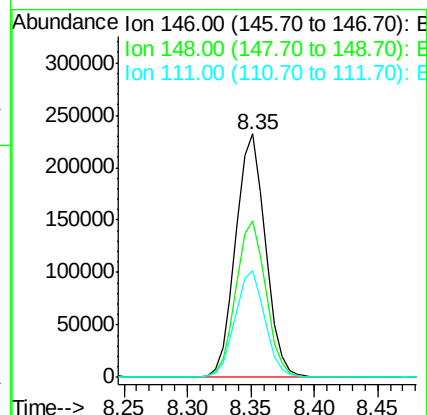
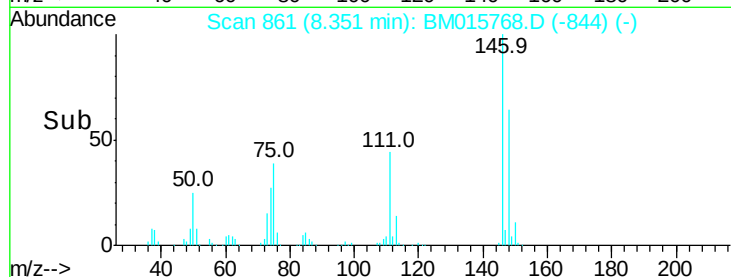
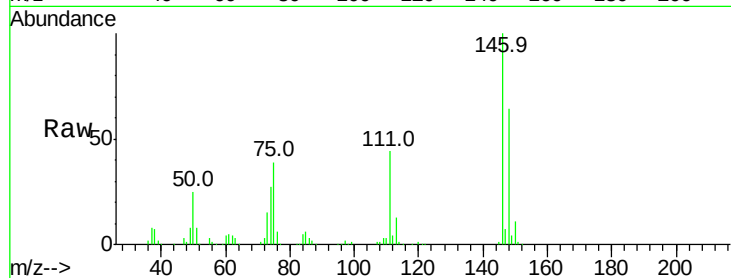
Tot Ion:146 Resp: 378069

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

111 43.9 29.2 43.8#



#14

1,2-Dichlorobenzene

Concen: 50.541 ng

RT: 8.67 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

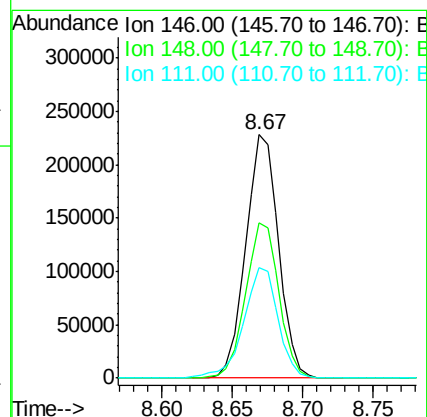
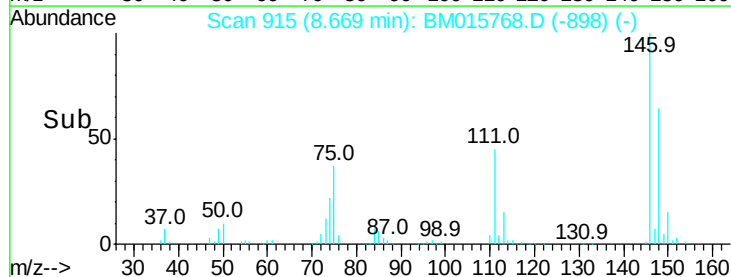
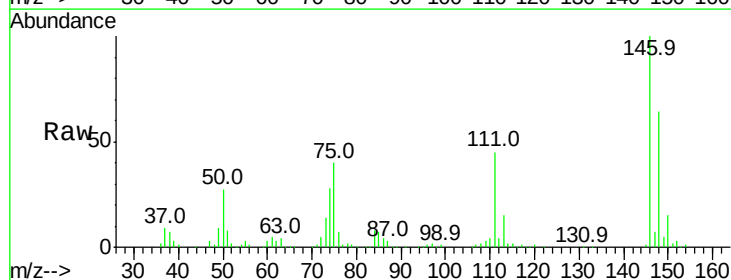
Tgt Ion:146 Resp: 370774

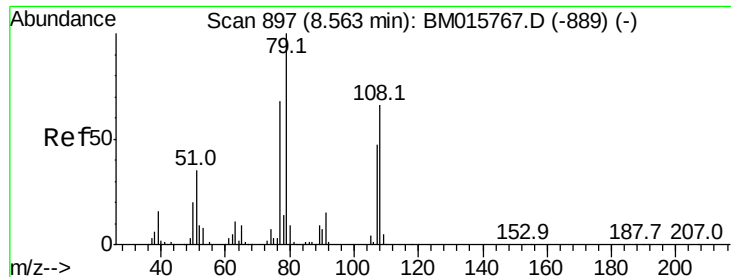
Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

111 45.3 30.6 45.8





#15

Benzyl Alcohol

Concen: 50.728 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

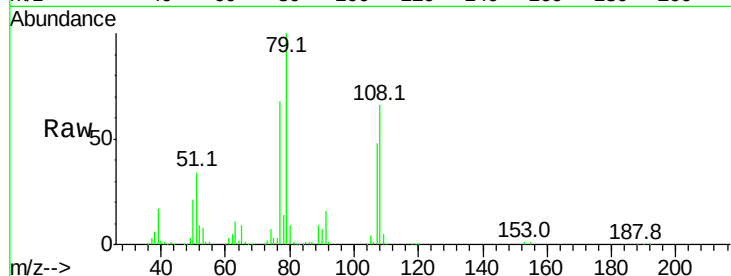
Tot Ion: 79 Resp: 340857

Ion Ratio Lower Upper

79 100

108 65.6 65.0 97.4

77 68.3 53.0 79.6

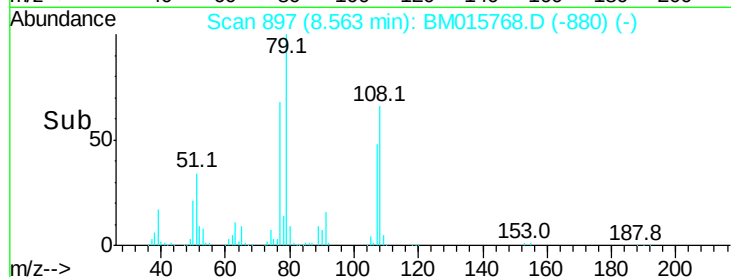


Abundance Ion 79.00 (78.70 to 79.70): BM015768.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015768.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015768.D (-889) (-)

Time-->

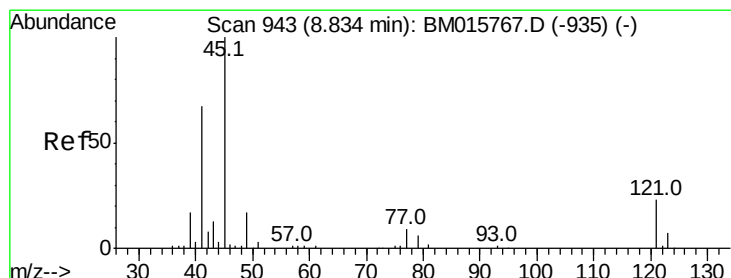


Abundance Ion 79.00 (78.70 to 79.70): BM015768.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015768.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015768.D (-889) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.665 ng

RT: 8.84 min Scan# 944

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

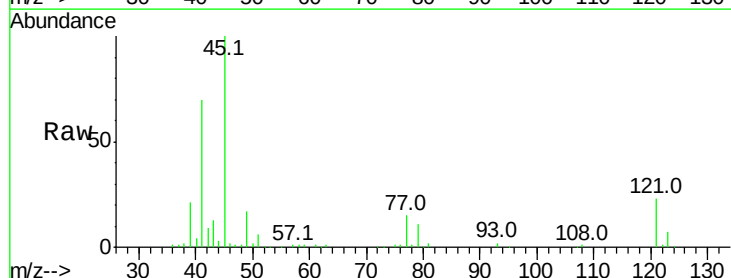
Tgt Ion: 45 Resp: 338815

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

79 10.9 0.0 32.0

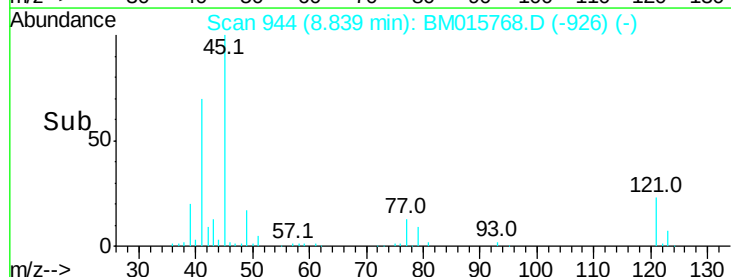


Abundance Ion 45.00 (44.70 to 45.70): BM015768.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015768.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015768.D (-926) (-)

Time-->

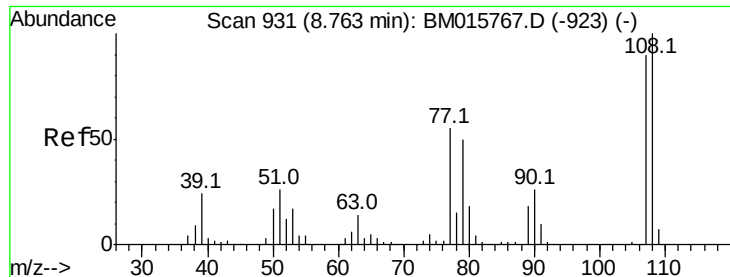


Abundance Ion 45.00 (44.70 to 45.70): BM015768.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015768.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015768.D (-926) (-)

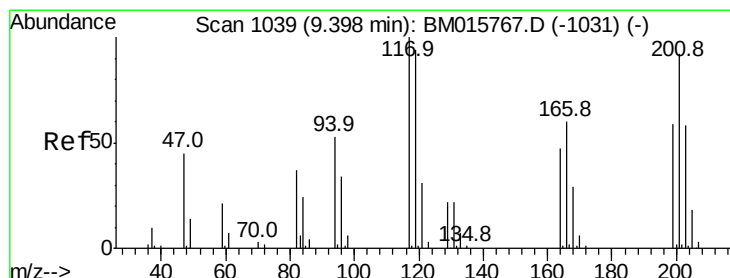
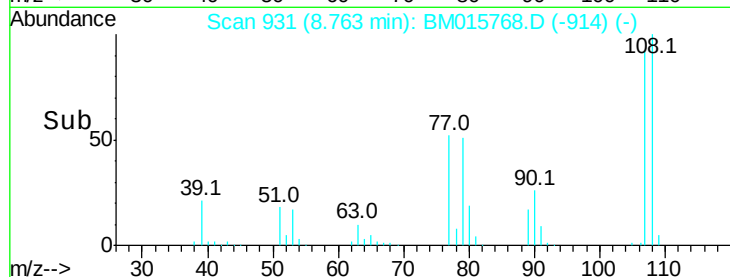
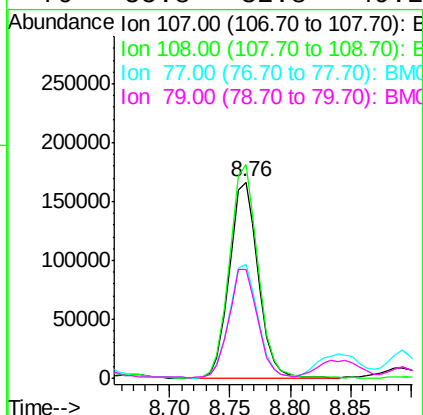
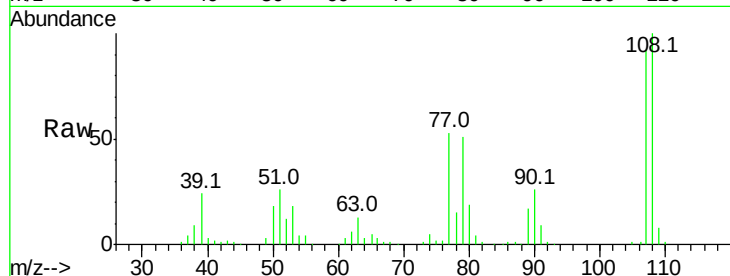
Time-->



#17
2-Methylphenol
Concen: 45.763 ng
RT: 8.76 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

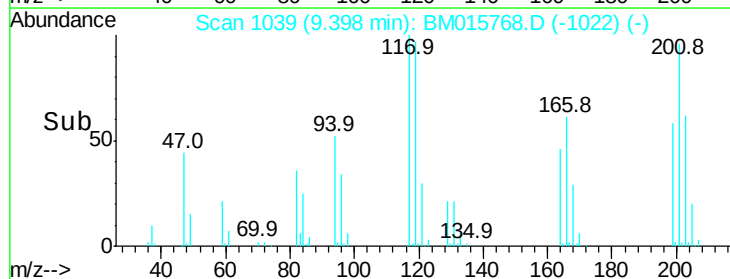
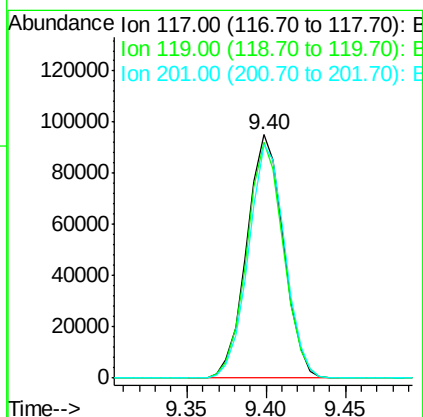
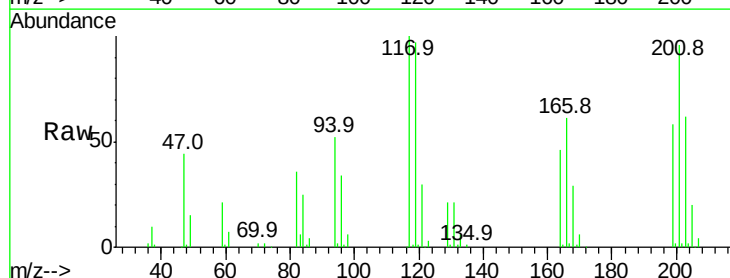
Instrument :
BNA_M
ClientSampled :

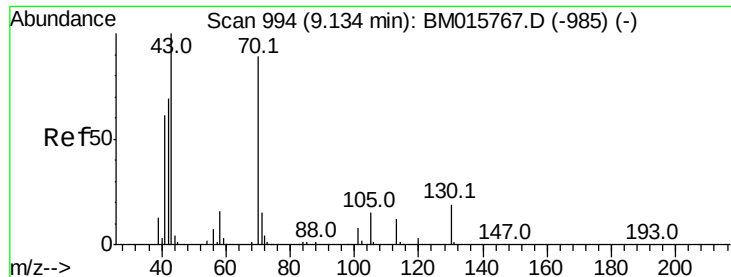
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.8	134.8
77	58.0	32.6	48.8
79	55.8	32.8	49.2



#18
Hexachloroethane
Concen: 55.504 ng
RT: 9.40 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.2	118.8
201	95.9	69.8	104.6

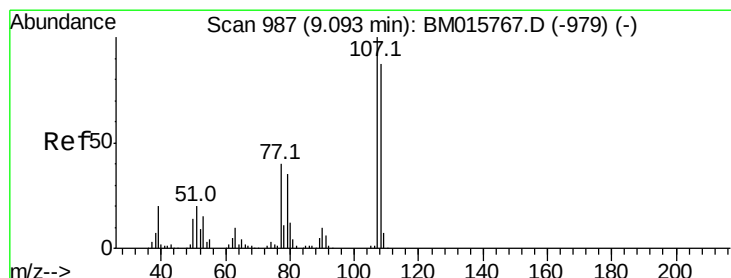
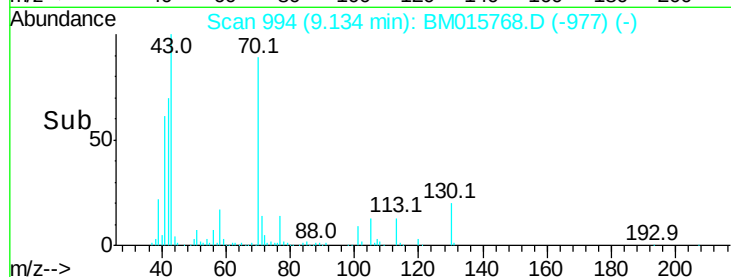
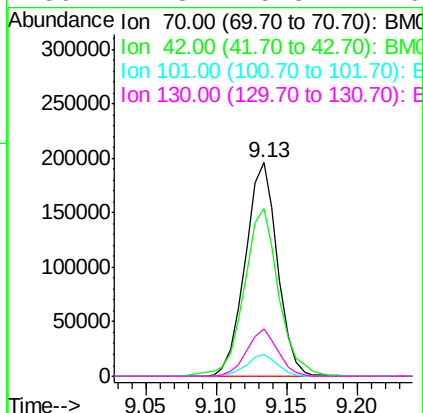
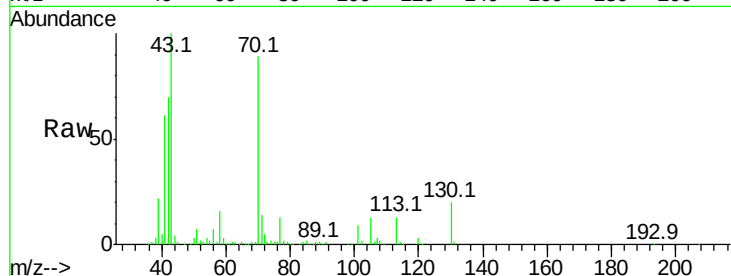




#19
n-Nitroso-di-n-propylamine
Concen: 49.359 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

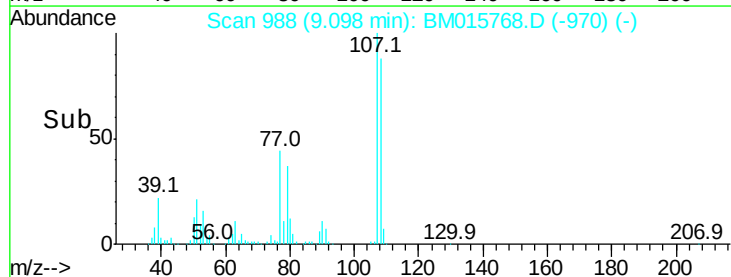
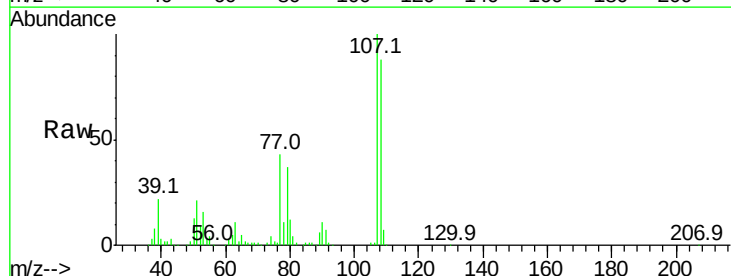
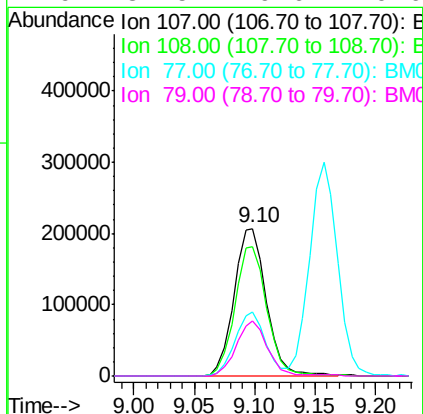
Instrument :
BNA_M
ClientSampleId :

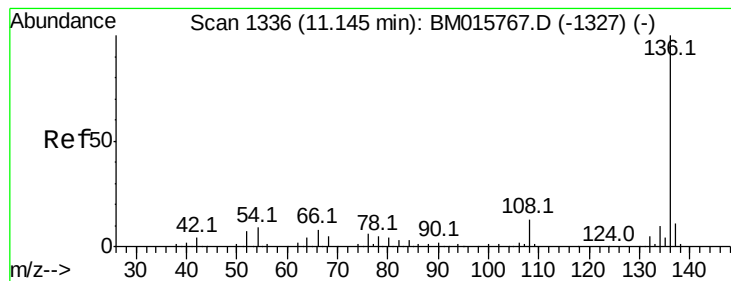
Tot Ion: 70 Resp: 313324
Ion Ratio Lower Upper
70 100
42 78.4 44.5 66.7#
101 10.0 7.4 11.2
130 22.3 15.3 22.9



#20
3+4-Methylphenols
Concen: 46.588 ng
RT: 9.10 min Scan# 988
Delta R.T. 0.01 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion: 107 Resp: 385967
Ion Ratio Lower Upper
107 100
108 87.6 73.2 113.2
77 43.5 10.7 50.7
79 37.5 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: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 424548

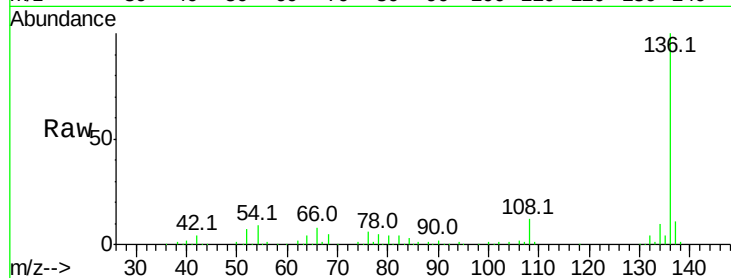
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 4.6 6.8#

68 4.8 3.7 5.5

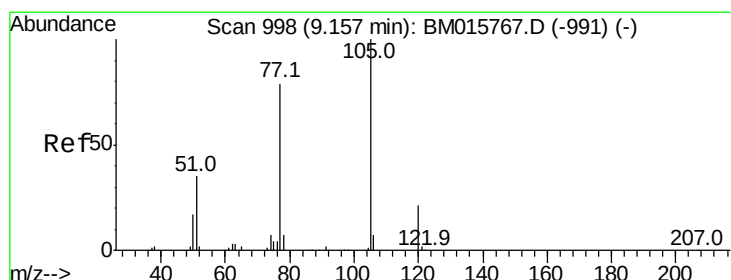
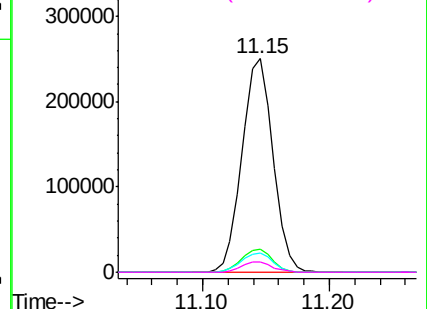
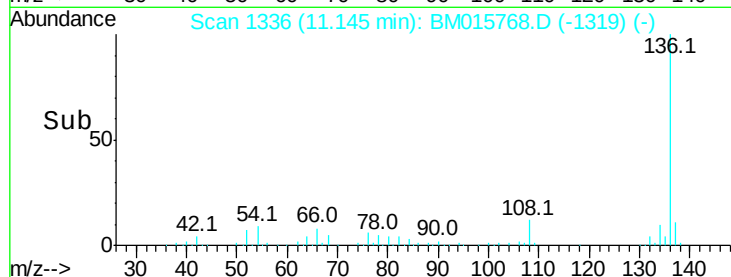


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 54.444 ng

RT: 9.16 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Tgt Ion:105 Resp: 568575

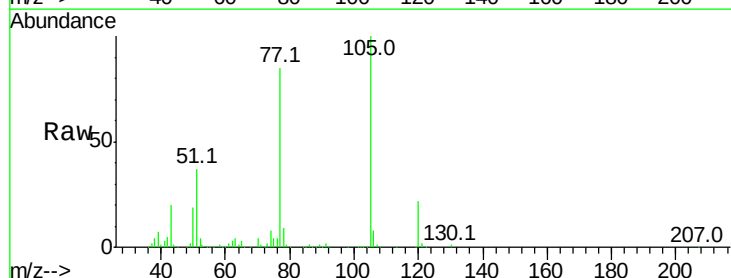
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0

51 36.6 21.6 32.4#

120 21.6 16.1 24.1

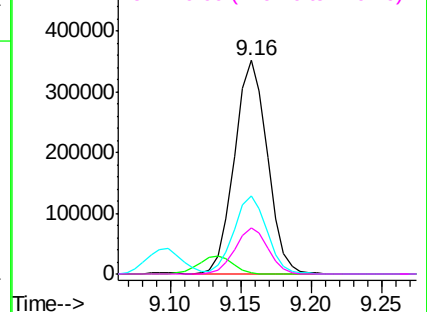
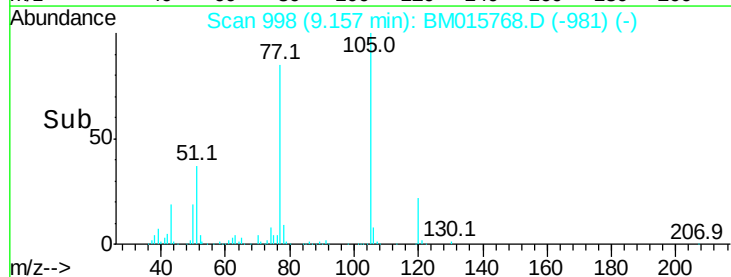


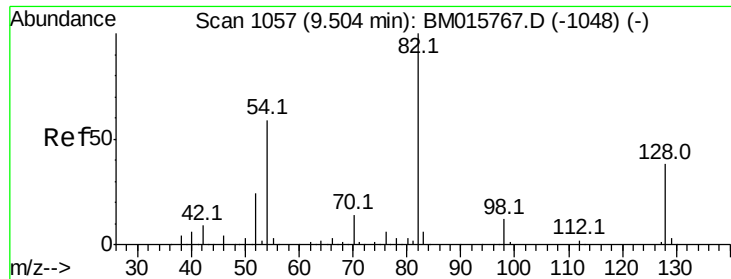
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

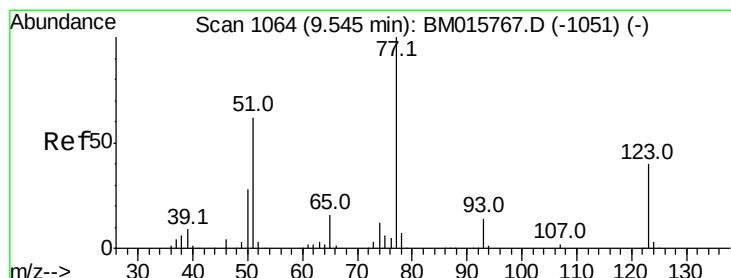
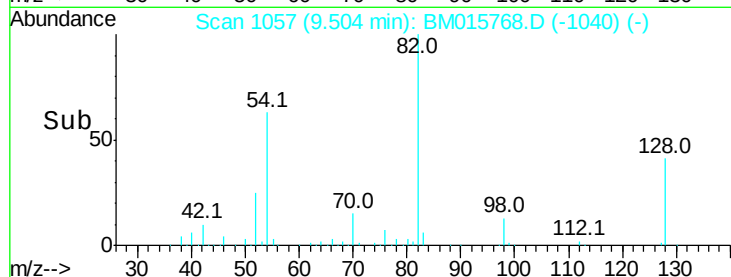
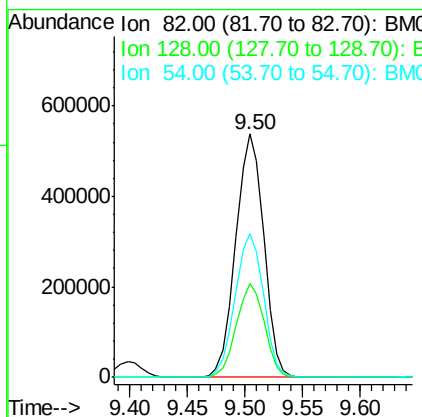
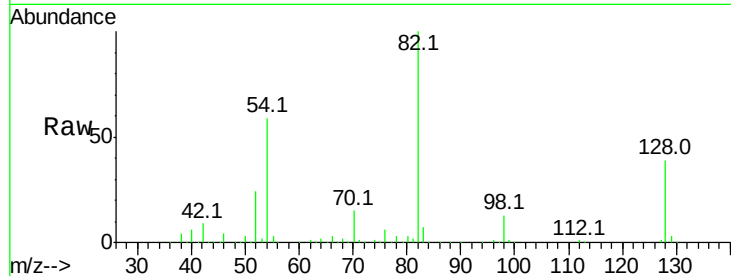




#23
 Nitrobenzene-d5
 Concen: 54.444 ng
 RT: 9.50 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

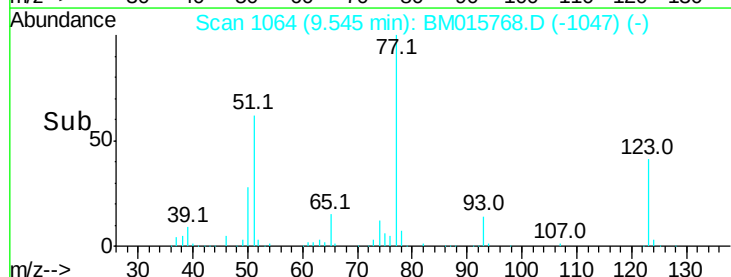
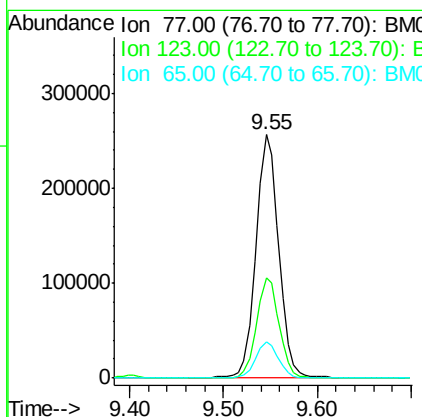
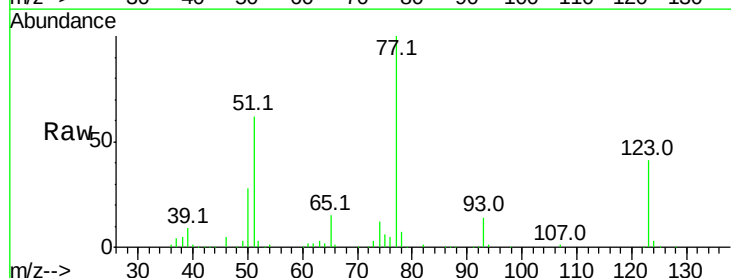
Instrument :
 BNA_M
 ClientSampleId :

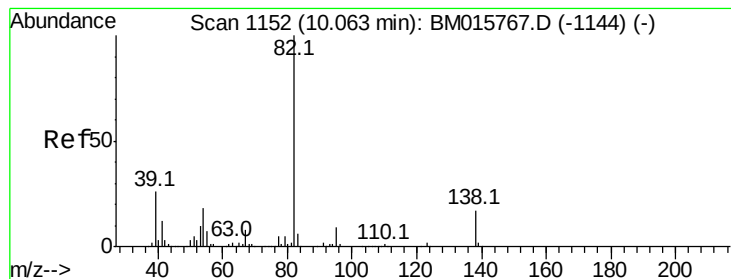
Tot Ion	82	Resp	907720
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.8	49.2
54	59.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 52.865 ng
 RT: 9.55 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	77	Resp	432568
Ion	Ratio	Lower	Upper
77	100		
123	40.9	32.6	49.0
65	15.1	10.9	16.3





#25

Isophorone

Concen: 44.399 ng

RT: 10.07 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

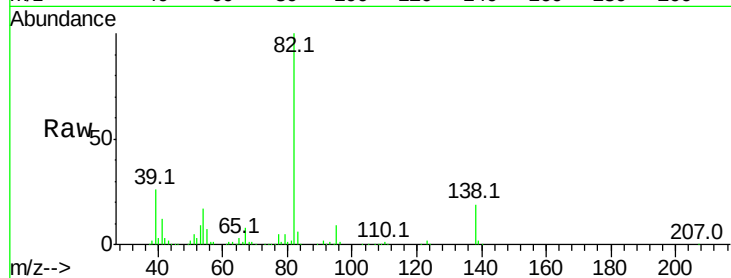
Tot Ion: 82 Resp: 698209

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

138 18.5 16.3 24.5

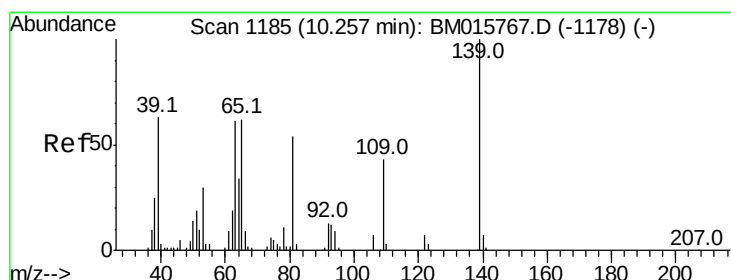
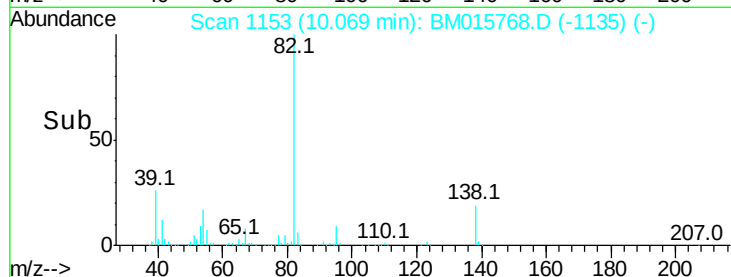
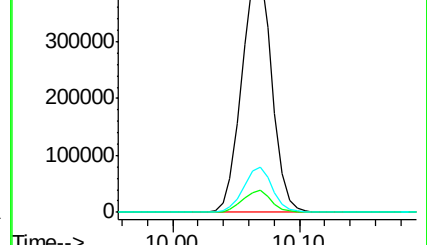


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015768.D (-1153) (-)

Ion 138.00 (137.70 to 138.70): BM015768.D (-1153) (-)

10.07



#26

2-Nitrophenol

Concen: 51.579 ng

RT: 10.26 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

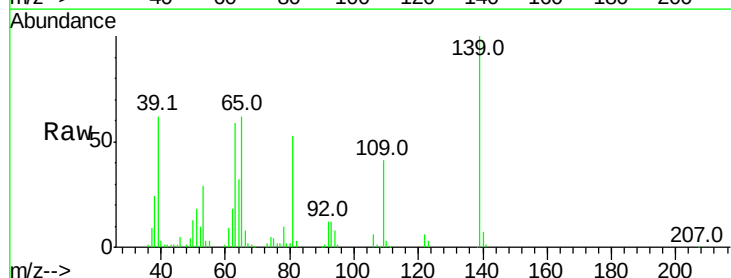
Tgt Ion: 139 Resp: 190321

Ion Ratio Lower Upper

139 100

109 41.0 20.1 30.1#

65 61.6 31.5 47.3#

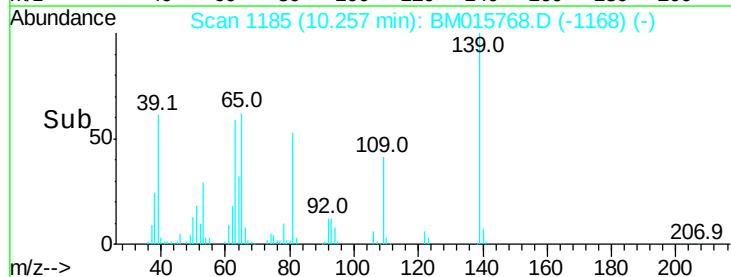
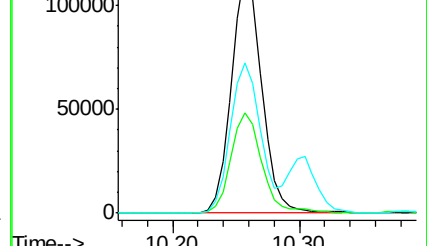


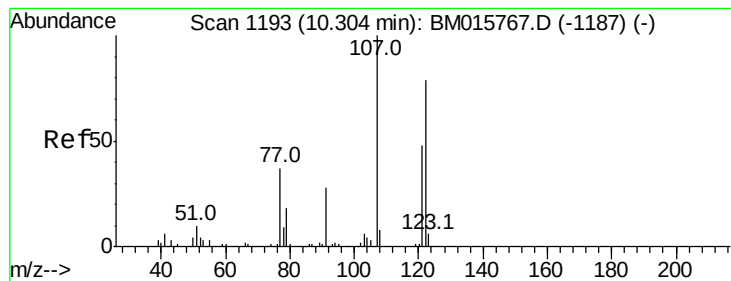
Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015768.D (-1185) (-)

Ion 65.00 (64.70 to 65.70): BM015768.D (-1185) (-)

10.26





#27

2,4-Dimethylphenol

Concen: 41.126 ng

RT: 10.30 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

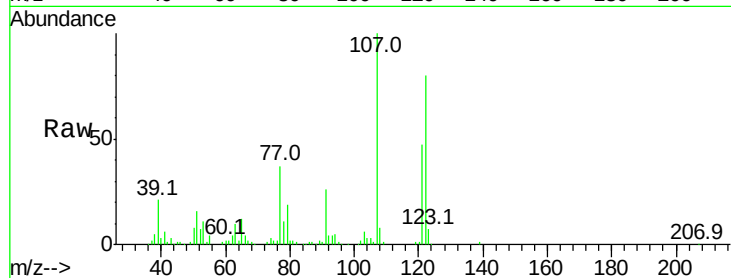
Tot Ion:122 Resp: 284739

Ion Ratio Lower Upper

122 100

107 125.6 84.7 127.1

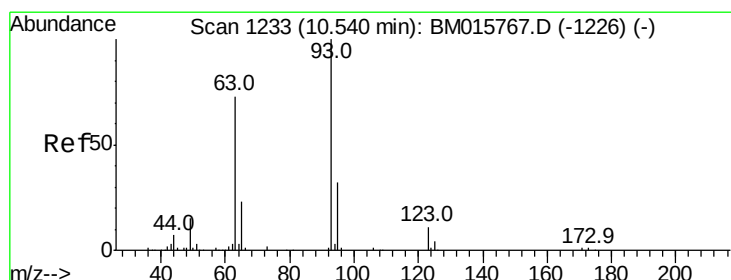
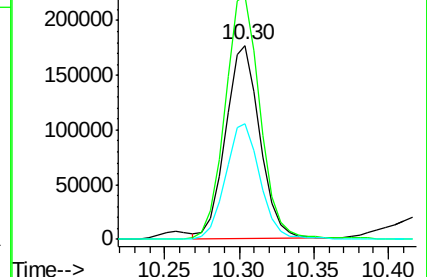
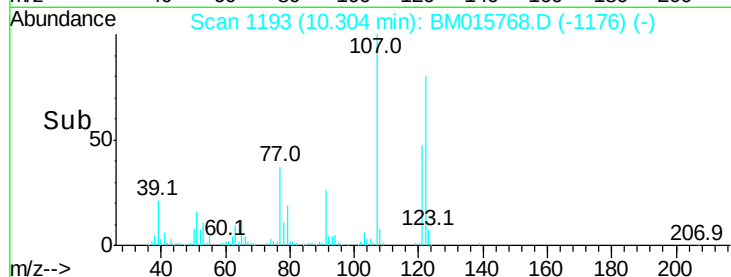
121 59.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.630 ng

RT: 10.54 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

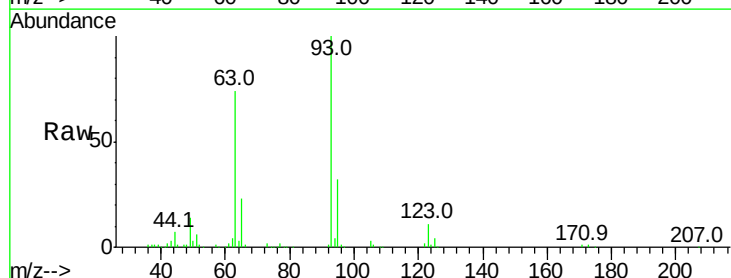
Tgt Ion: 93 Resp: 440297

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

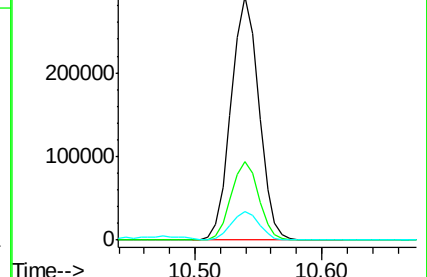
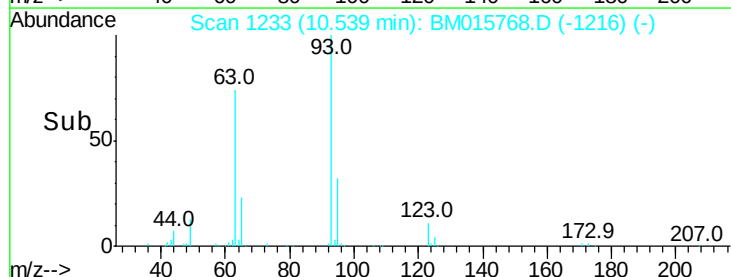
123 11.5 8.6 13.0

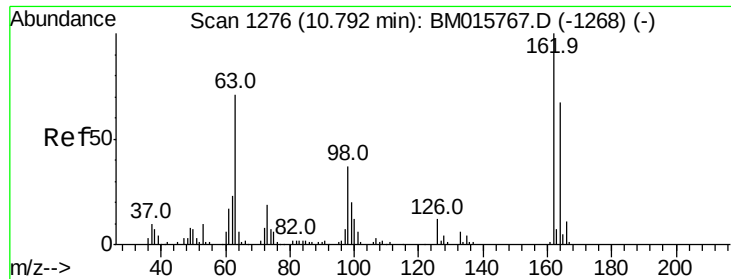


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

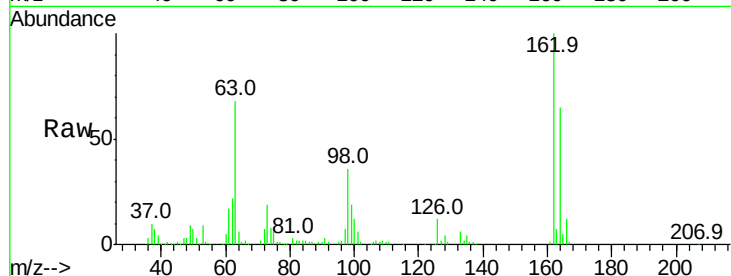




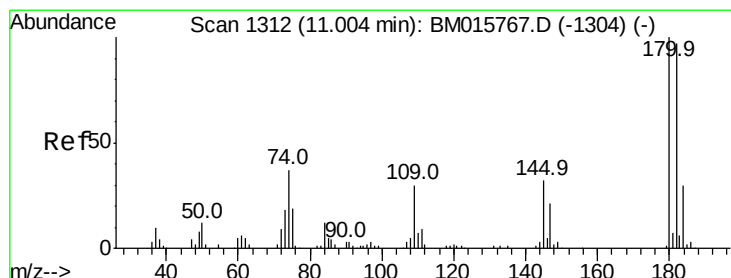
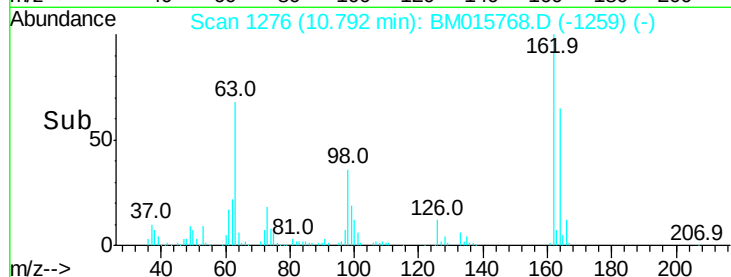
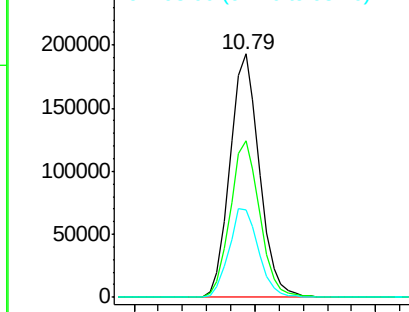
#29
 2,4-Dichlorophenol
 Concen: 50.731 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	36.0	14.5	54.5

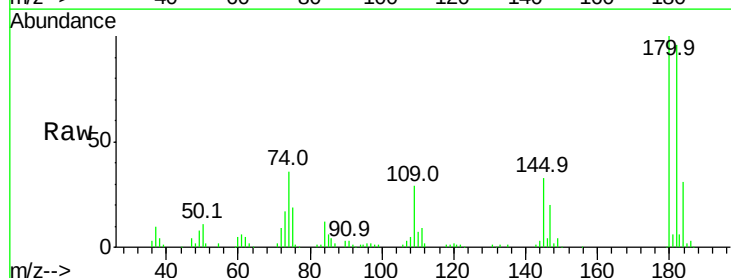


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

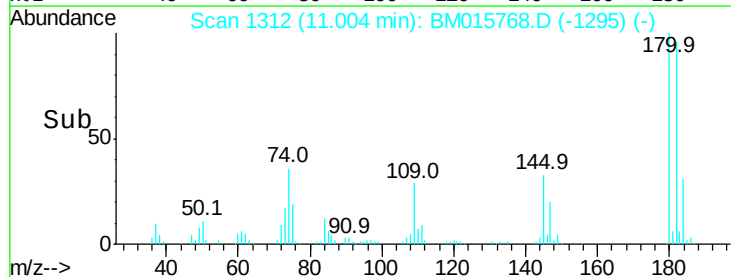
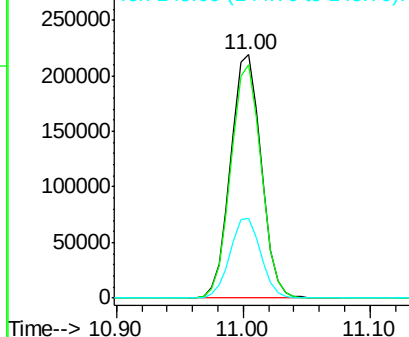


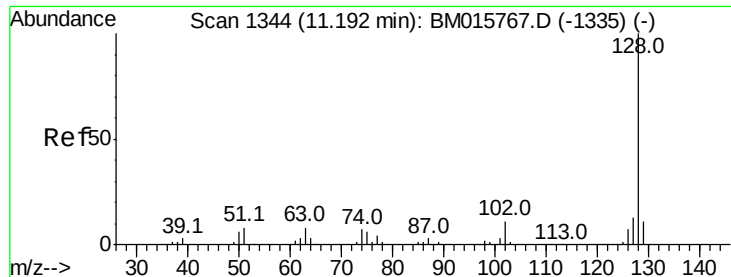
#30
 1,2,4-Trichlorobenzene
 Concen: 52.650 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	32.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

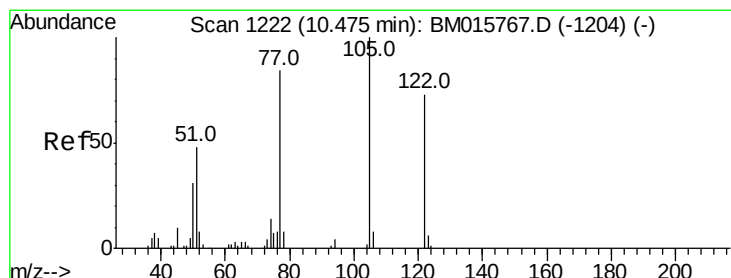
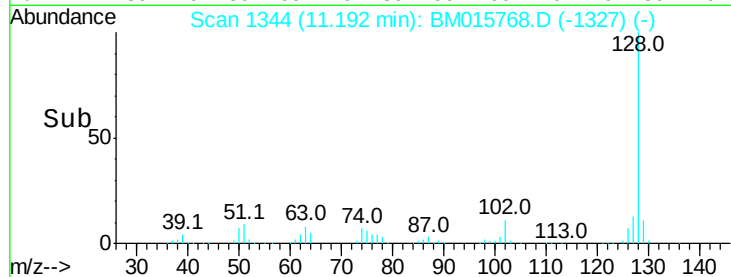
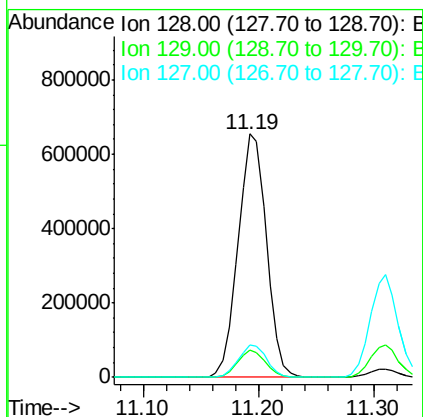
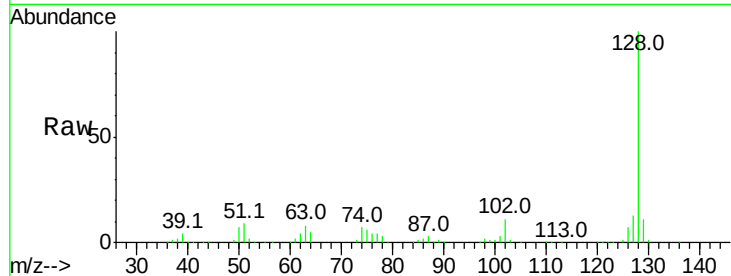




#31
Naphthalene
Concen: 50.749 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

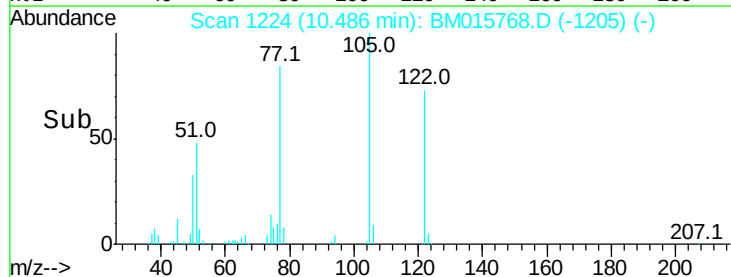
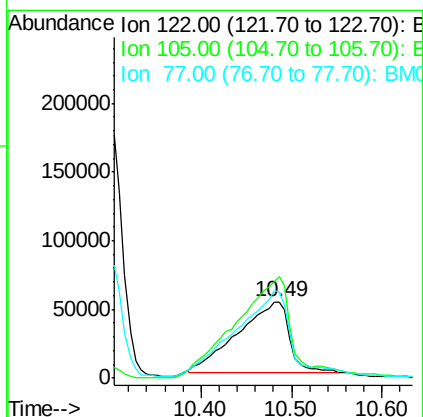
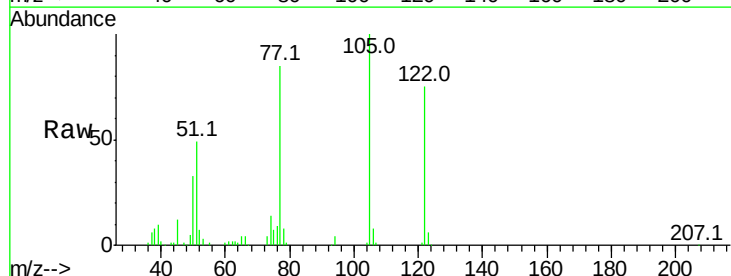
Instrument :
BNA_M
ClientSampled :

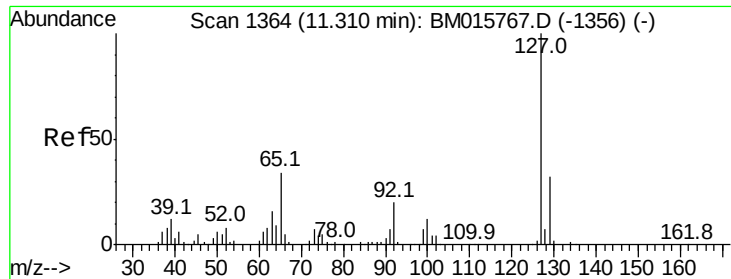
Tot Ion:128 Resp: 1116624
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.559 ng
RT: 10.49 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:122 Resp: 204012
Ion Ratio Lower Upper
122 100
105 133.5 99.9 139.9
77 113.1 73.7 113.7

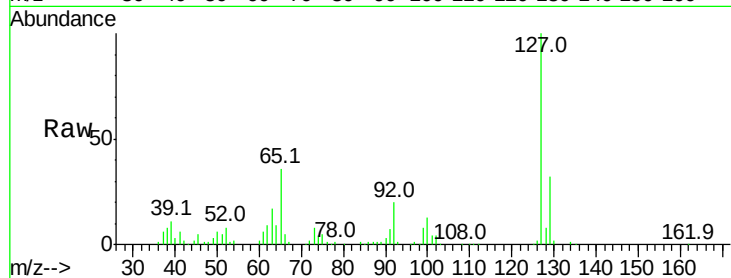




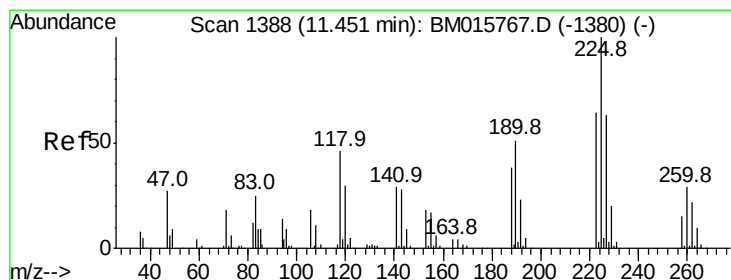
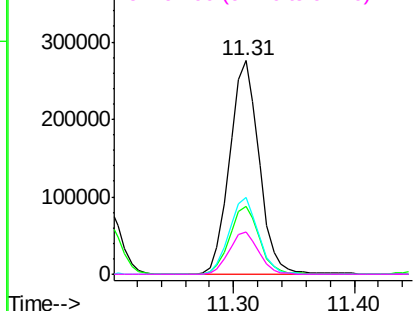
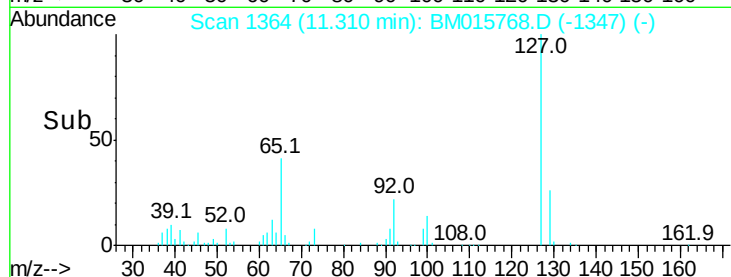
#33
4-Chloroaniline
Concen: 47.988 ng
RT: 11.31 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	468516
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	35.8	17.6	26.4#
92	19.7	13.1	19.7#

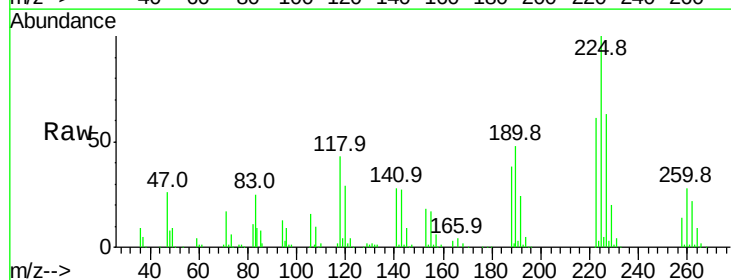


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

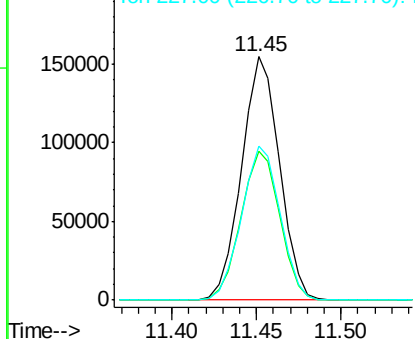
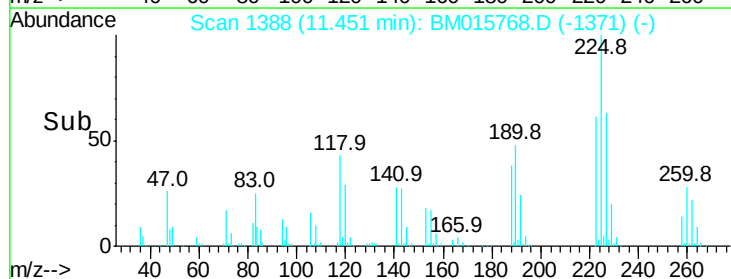


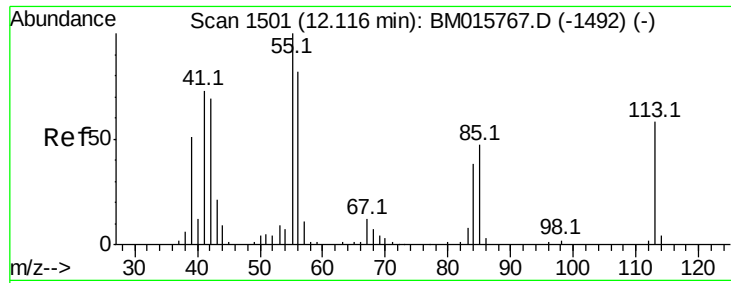
#34
Hexachlorobutadiene
Concen: 60.199 ng
RT: 11.45 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:	225	Resp:	242428
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.9	71.9
227	63.4	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: 43.317 ng

RT: 12.13 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

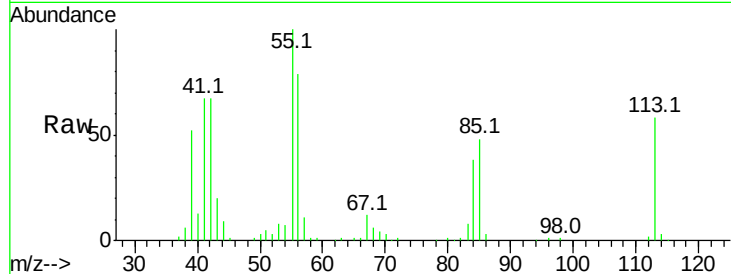
Tot Ion:113 Resp: 107170

Ion Ratio Lower Upper

113 100

55 173.1 145.9 185.9

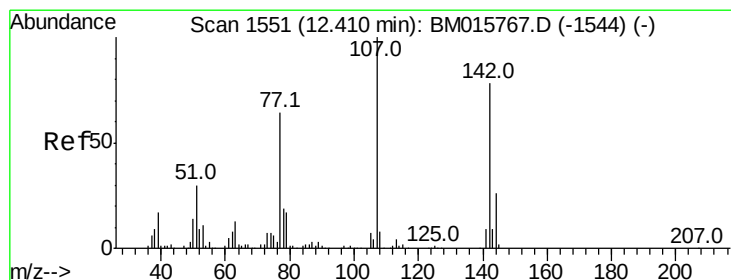
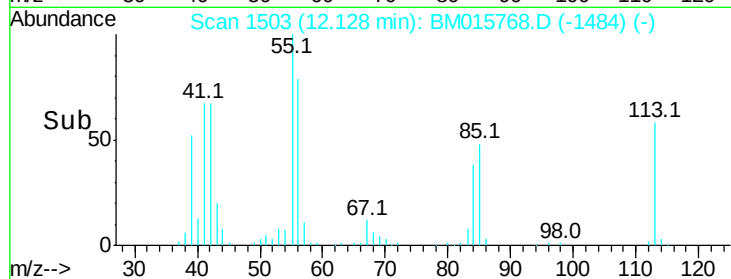
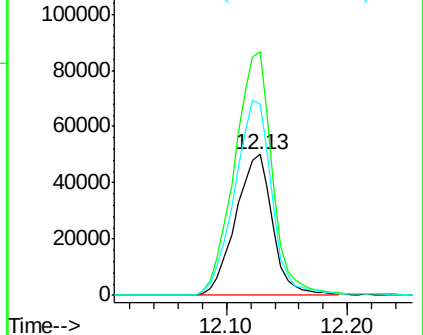
56 136.0 101.0 141.0



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: 48.422 ng

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

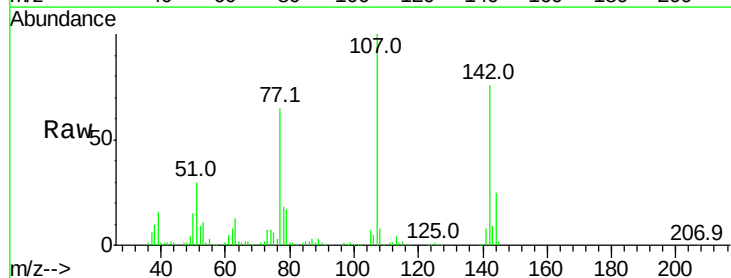
Tgt Ion:107 Resp: 371480

Ion Ratio Lower Upper

107 100

144 24.9 23.3 34.9

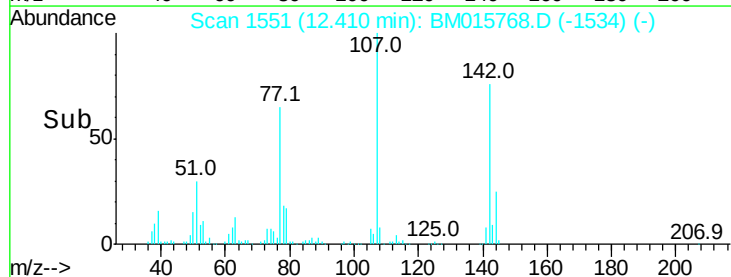
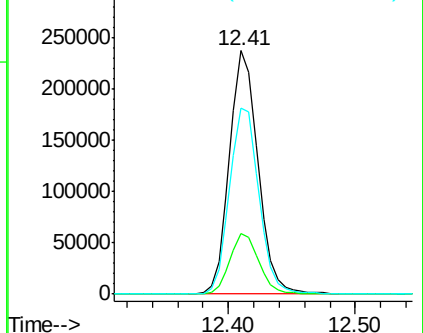
142 76.3 72.6 109.0

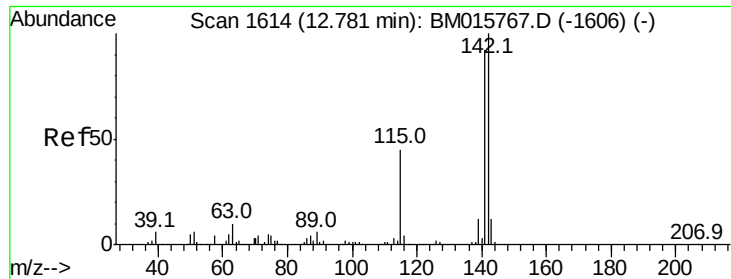


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

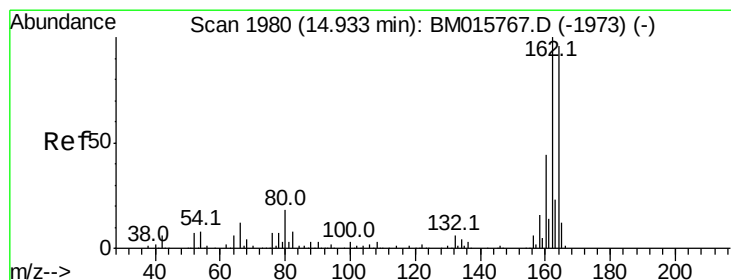
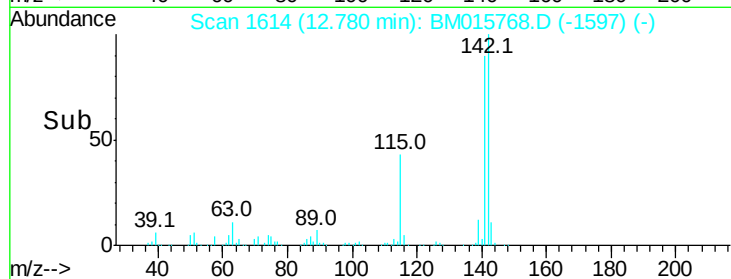
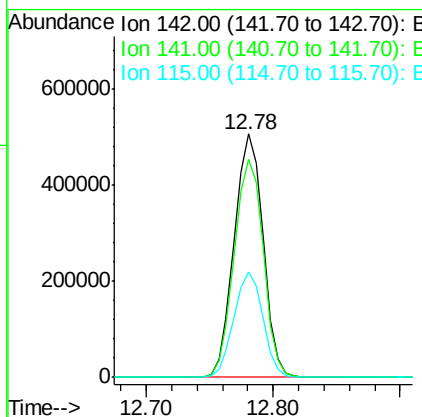
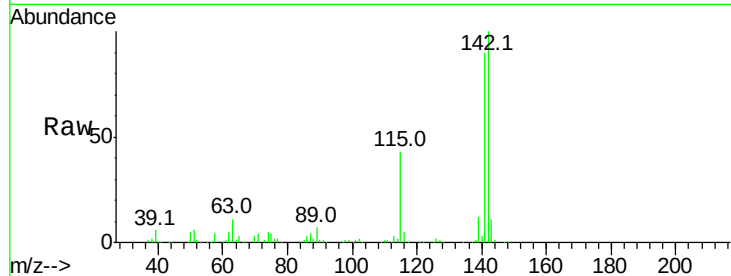




#37
2-Methylnaphthalene
Concen: 48.414 ng
RT: 12.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

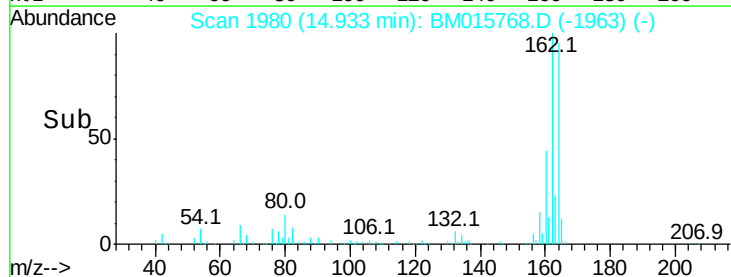
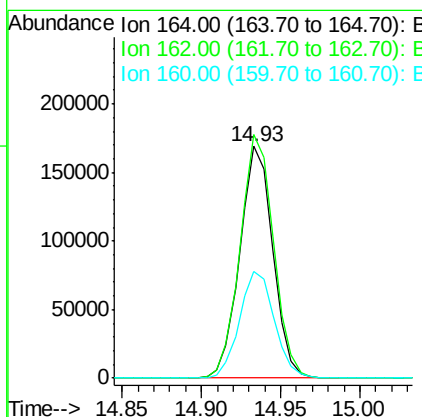
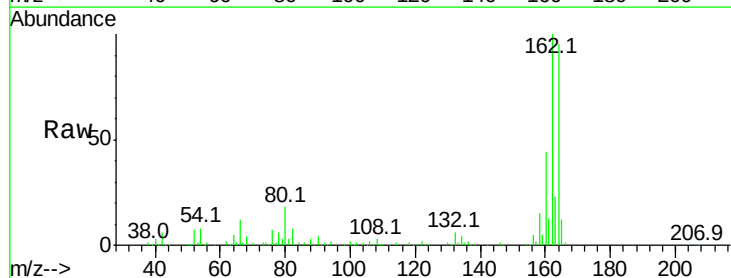
Instrument :
BNA_M
ClientSampleId :

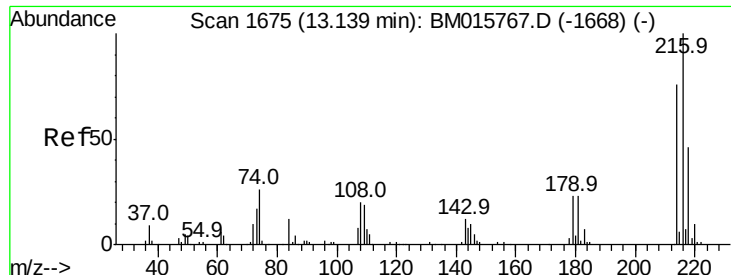
Tot Ion:142 Resp: 800606
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 43.3 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:164 Resp: 244887
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 46.2 35.8 53.6

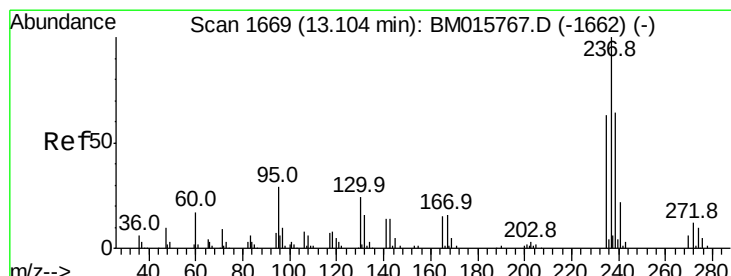
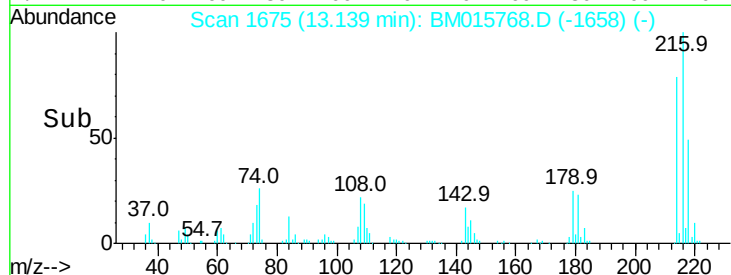
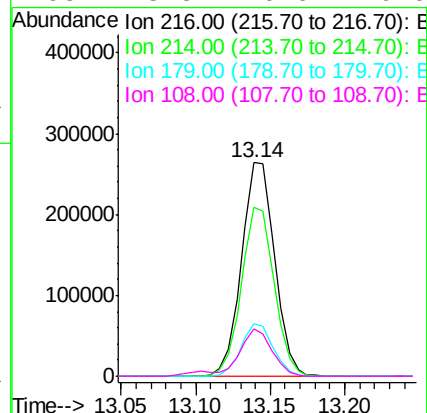
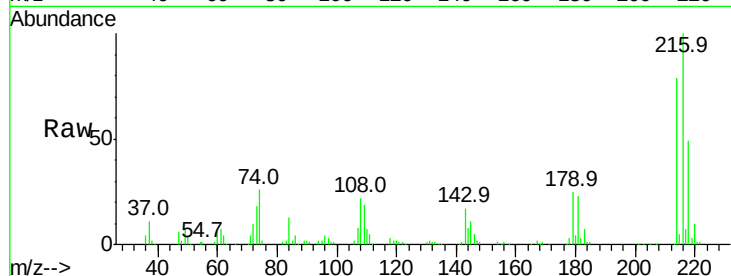




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.921 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

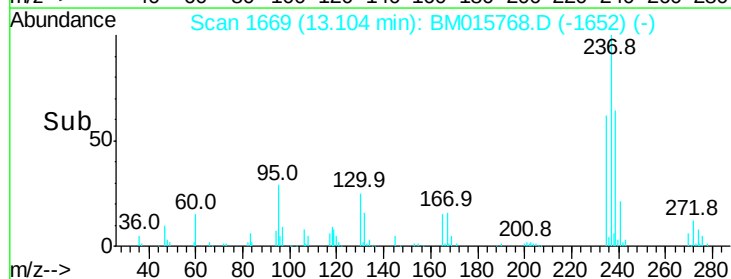
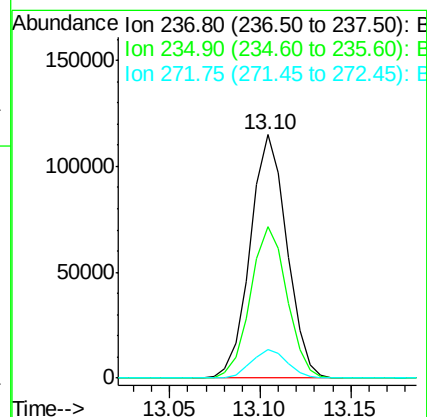
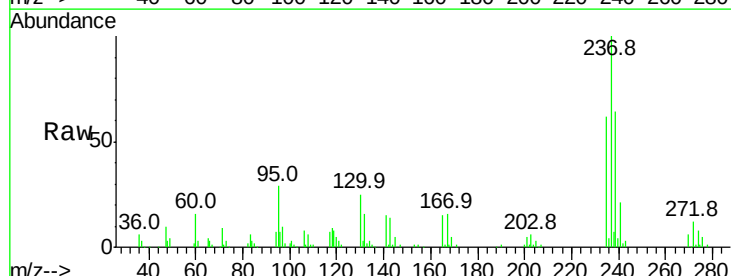
Instrument :
 BNA_M
 ClientSampleId :

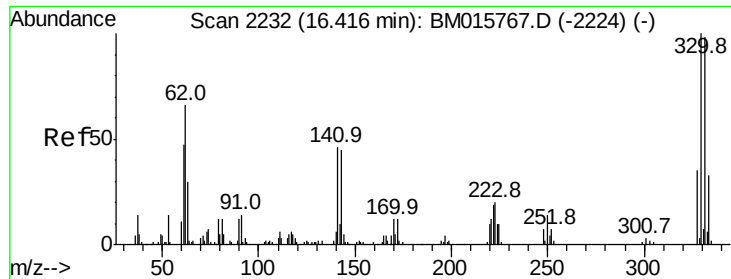
Tot Ion:	216	Resp:	407121
Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	23.8	0.0	0.0#
108	23.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 44.004 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:	237	Resp:	161569
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.0	82.0
272	12.0	0.0	33.4

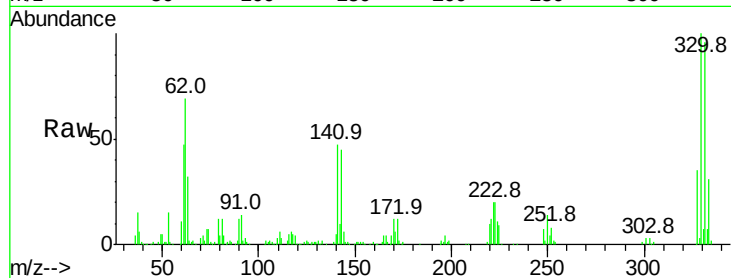




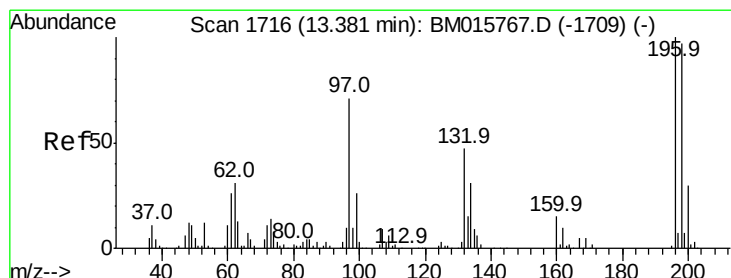
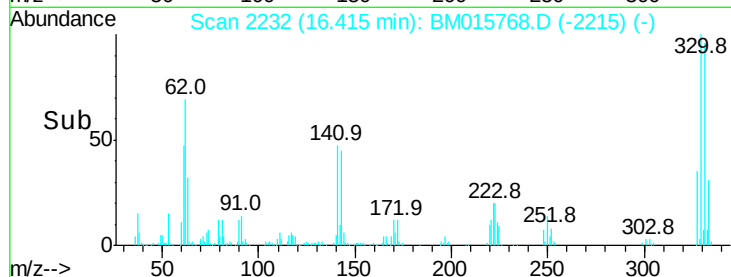
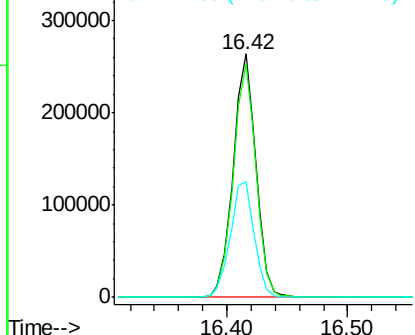
#41
 2,4,6-Tribromophenol
 Concen: 44.004 ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	50.0	0.0	0.0#

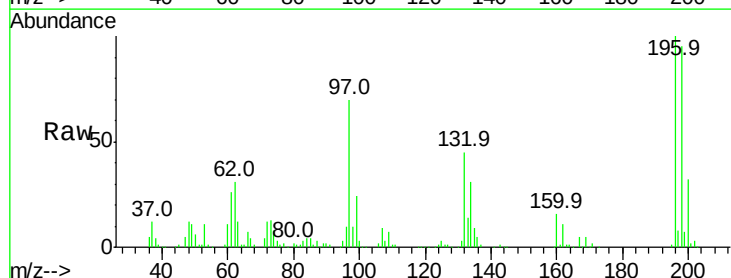


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

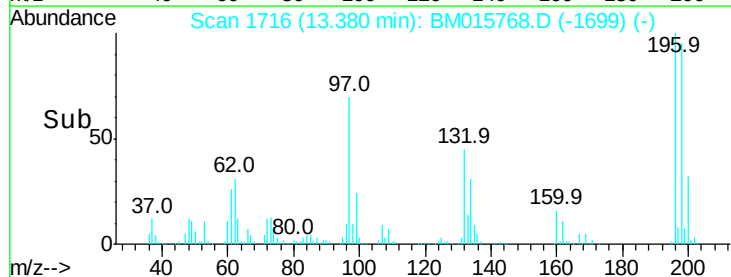
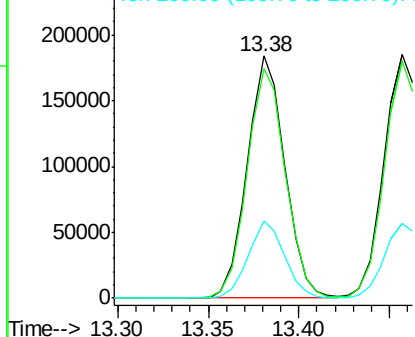


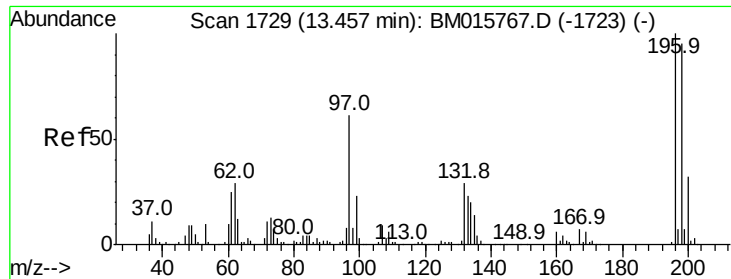
#42
 2,4,6-Trichlorophenol
 Concen: 51.982 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	31.8	25.6	38.4



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

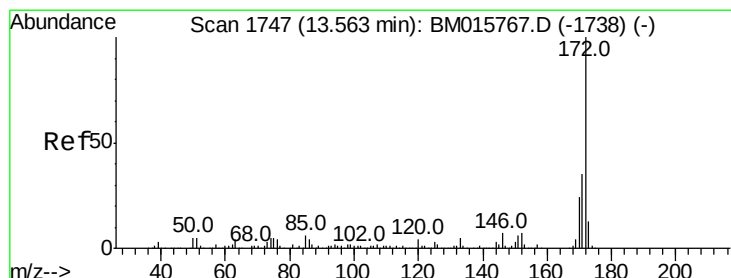
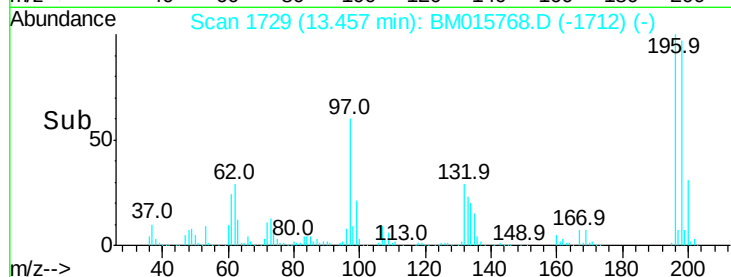
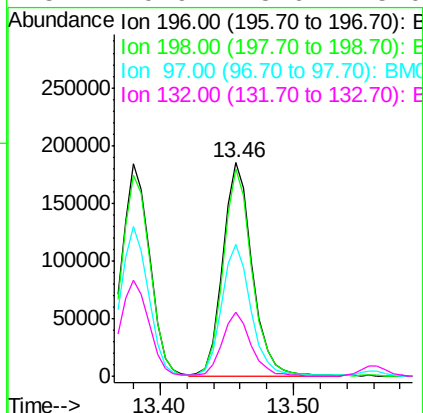
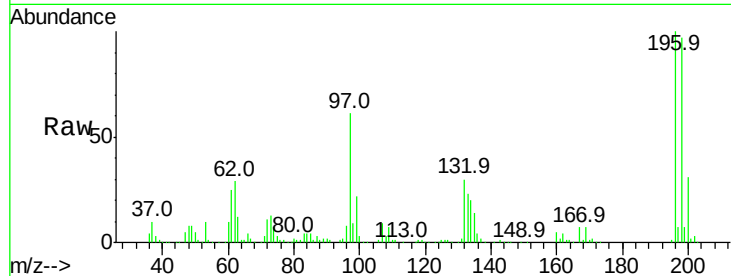




#43
 2,4,5-Trichlorophenol
 Concen: 50.587 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

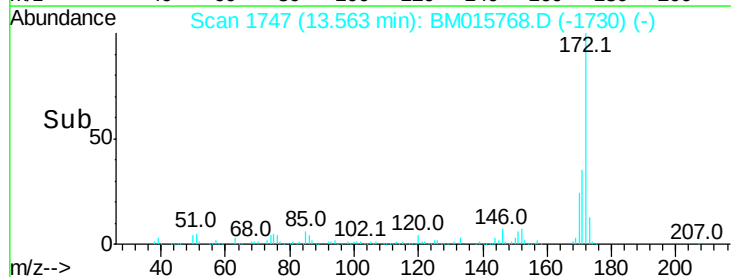
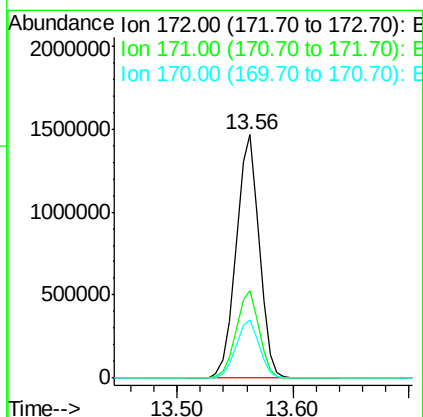
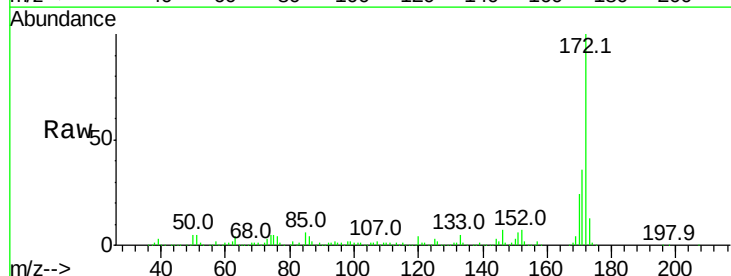
Instrument :
 BNA_M
 ClientSampled :

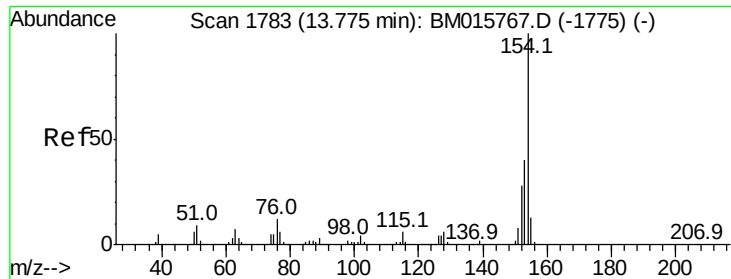
Tot Ion:	196	Resp:	284119
Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.4	119.0
97	61.5	26.8	40.2#
132	29.9	18.6	28.0#



#44
 2-Fluorobiphenyl
 Concen: 50.587 ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:	172	Resp:	2016737
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.6	18.8	28.2





#45

1,1'-Biphenyl

Concen: 53.439 ng

RT: 13.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

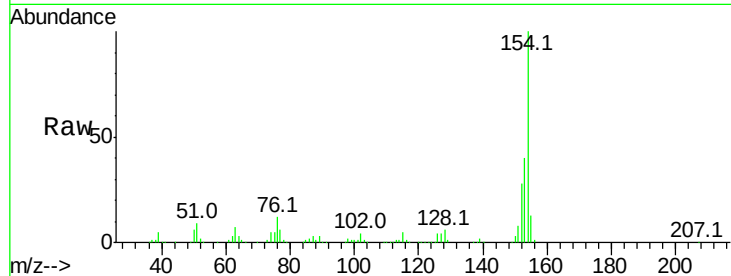
Tot Ion:154 Resp: 1081640

Ion Ratio Lower Upper

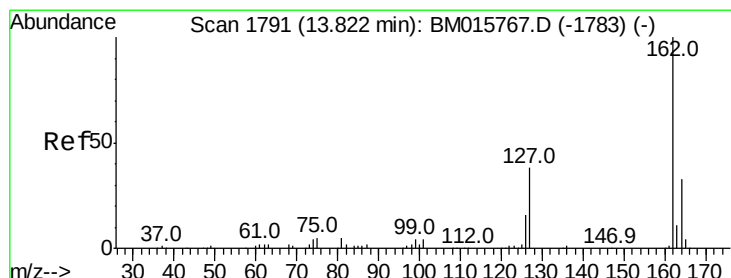
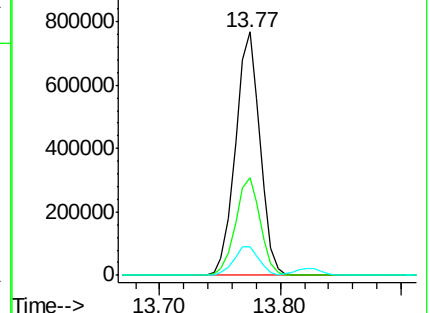
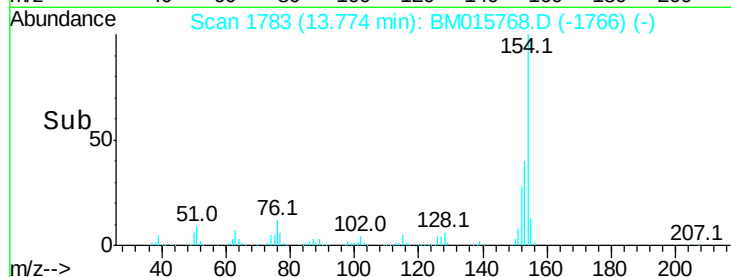
154 100

153 40.2 20.7 60.7

76 12.0 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 51.949 ng

RT: 13.83 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

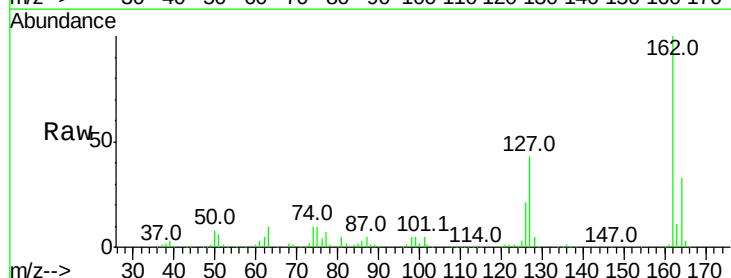
Tgt Ion:162 Resp: 806158

Ion Ratio Lower Upper

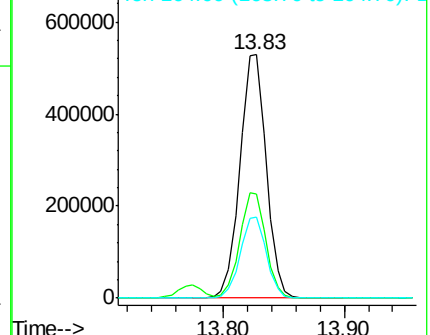
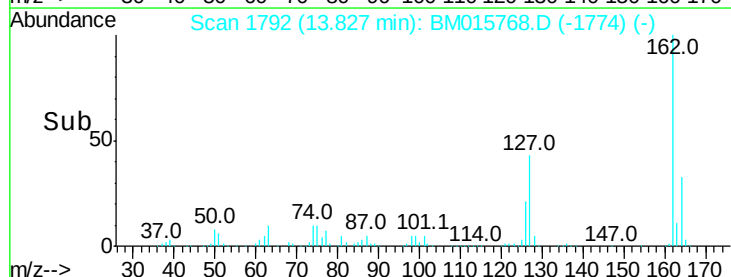
162 100

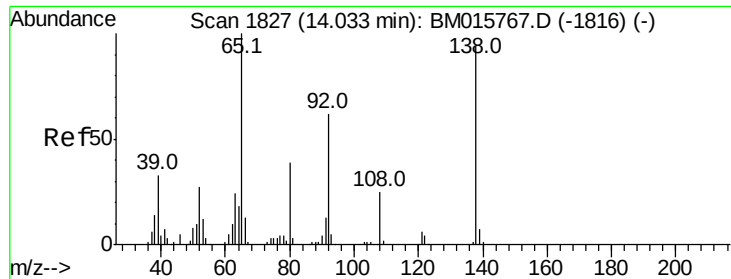
127 42.5 26.9 40.3#

164 33.2 26.8 40.2



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

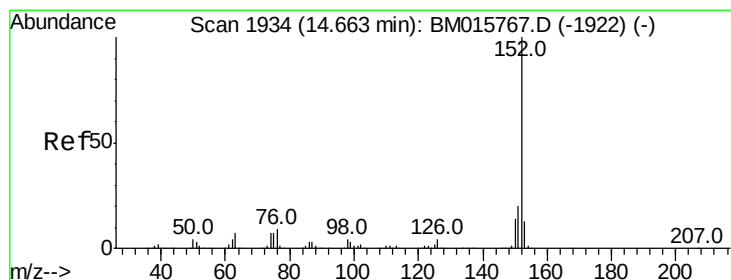
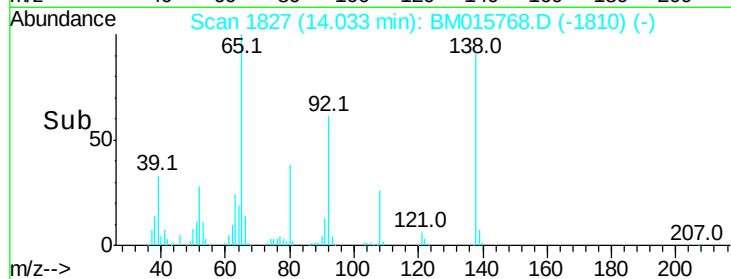
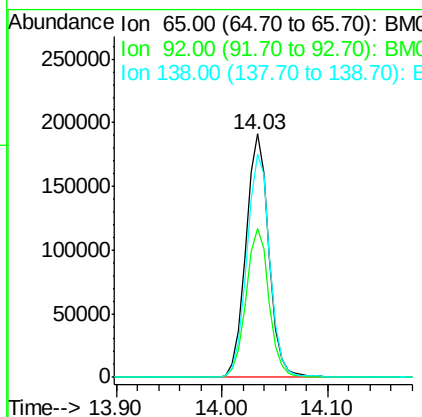
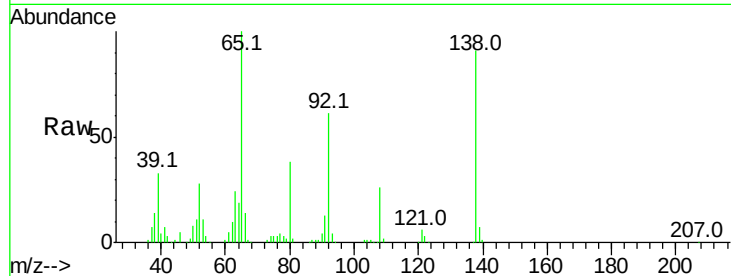




#47
 2-Nitroaniline
 Concen: 56.267 ng
 RT: 14.03 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

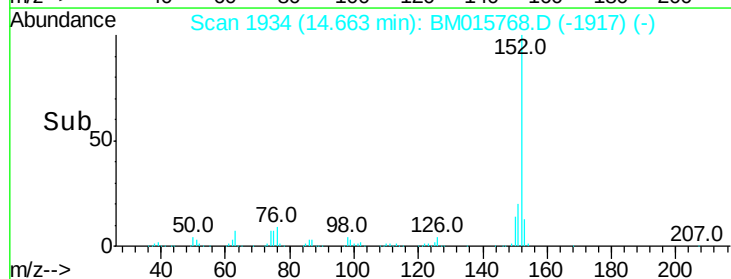
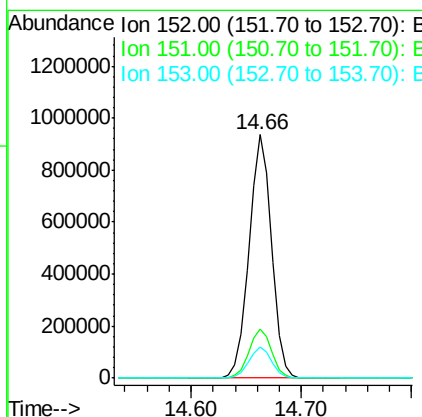
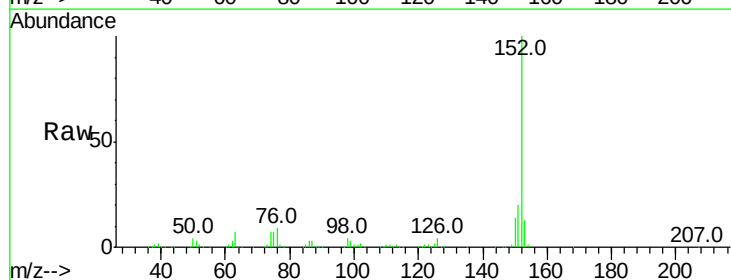
Instrument :
 BNA_M
 ClientSampleId :

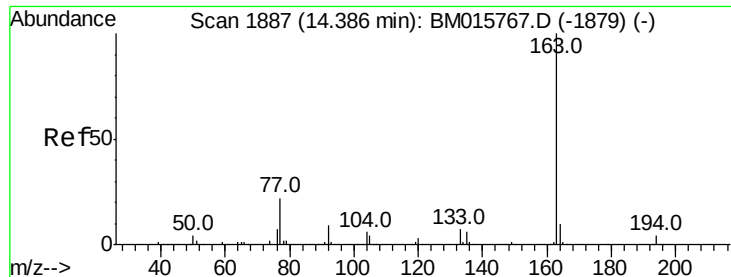
Tot Ion: 65 Resp: 288574
 Ion Ratio Lower Upper
 65 100
 92 60.9 59.1 88.7
 138 91.5 93.9 140.9#



#48
 Acenaphthylene
 Concen: 53.746 ng
 RT: 14.66 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion: 152 Resp: 1337389
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 51.862 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

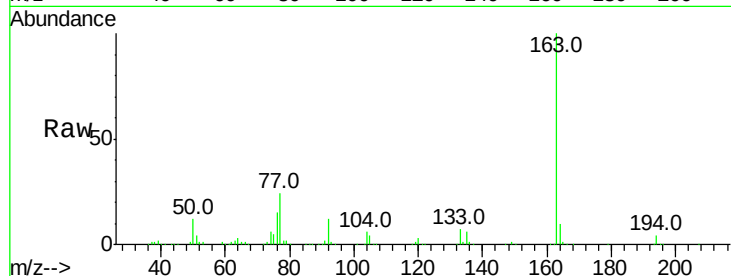
Tot Ion:163 Resp: 1090483

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

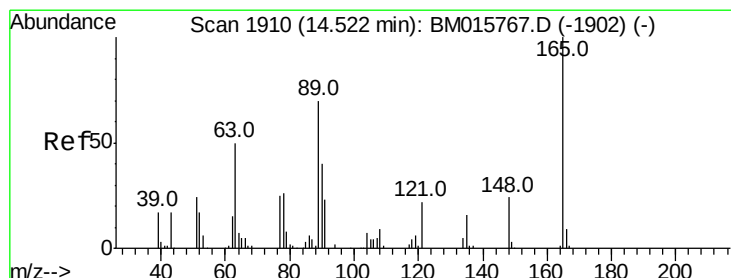
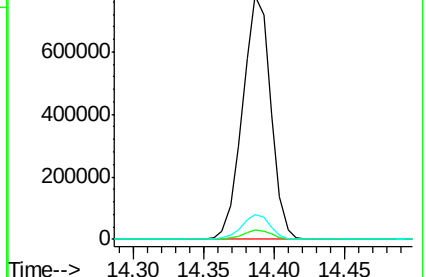
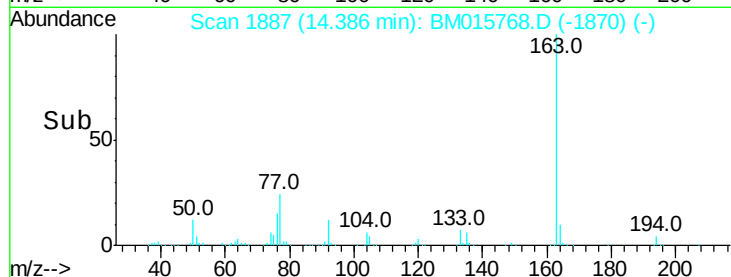
164 10.3 8.2 12.2



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: 49.677 ng

RT: 14.52 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

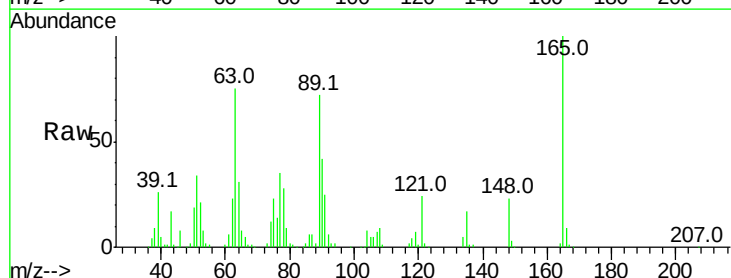
Tgt Ion:165 Resp: 222088

Ion Ratio Lower Upper

165 100

63 75.4 44.1 66.1#

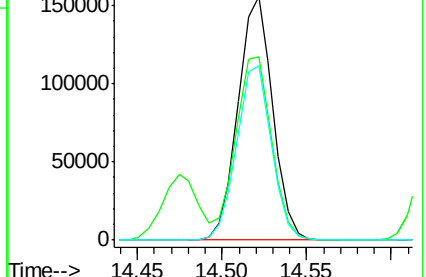
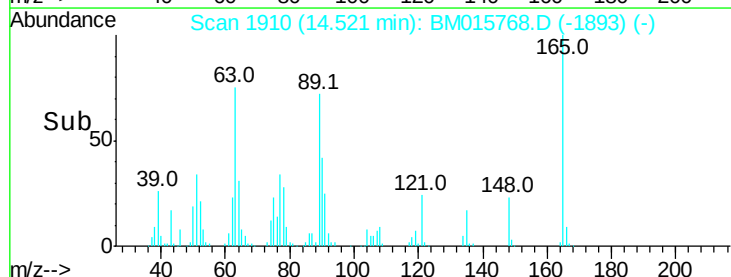
89 71.6 44.3 66.5#

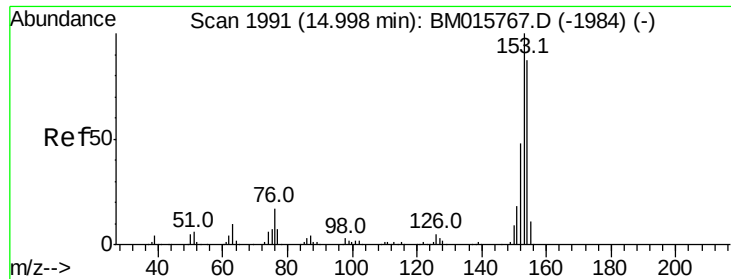


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 53.925 ng

RT: 15.00 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

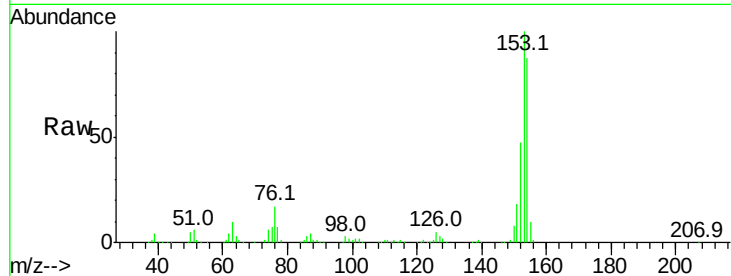
Tot Ion:154 Resp: 818455

Ion Ratio Lower Upper

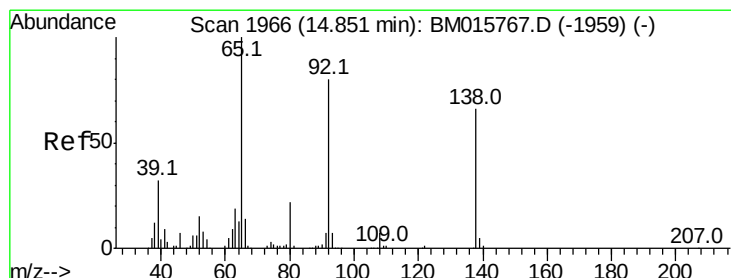
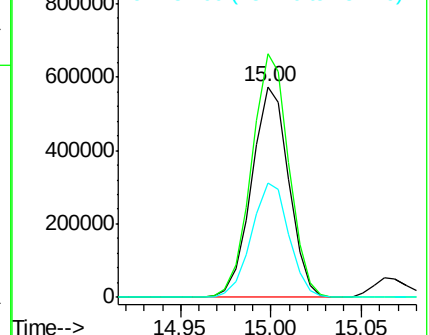
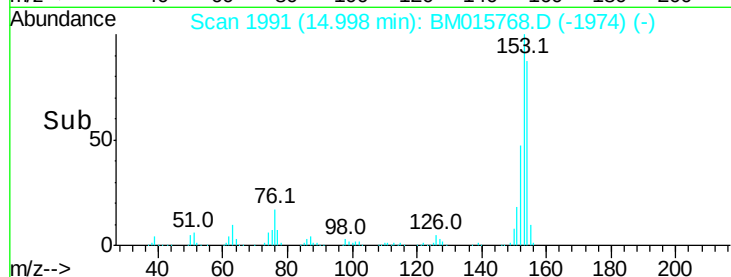
154 100

153 115.4 90.0 135.0

152 54.4 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: 50.429 ng

RT: 14.85 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

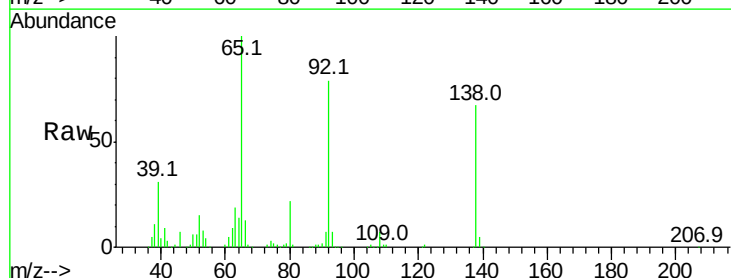
Tgt Ion:138 Resp: 239422

Ion Ratio Lower Upper

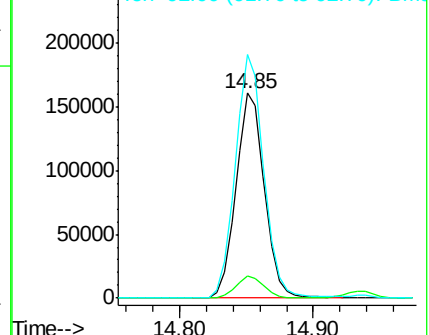
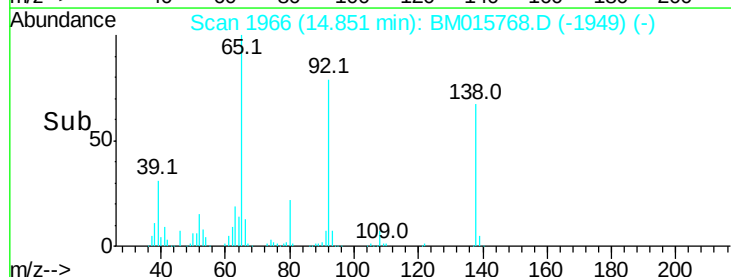
138 100

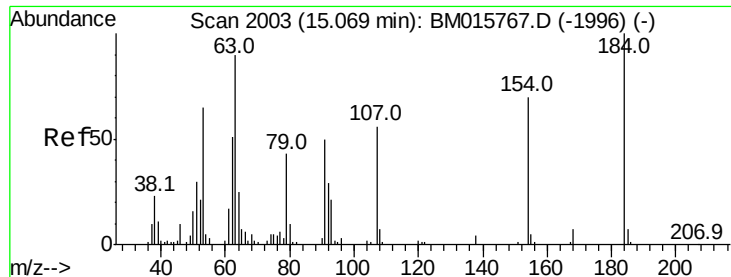
108 10.6 7.3 10.9

92 119.0 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): E

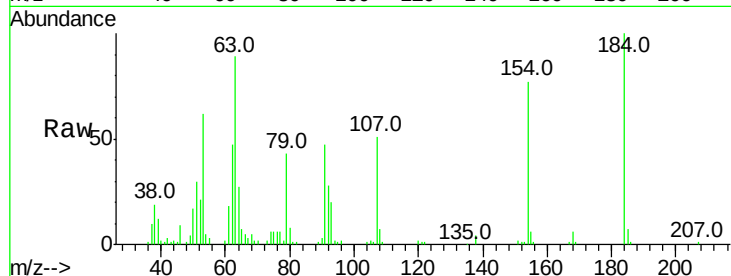




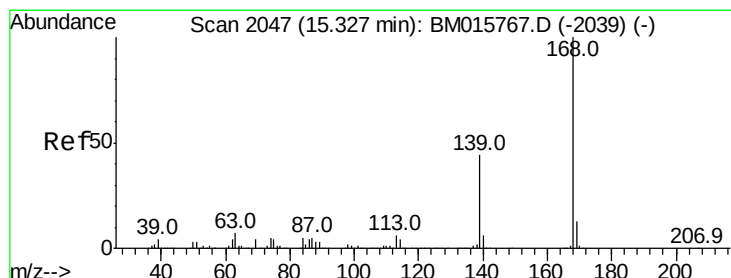
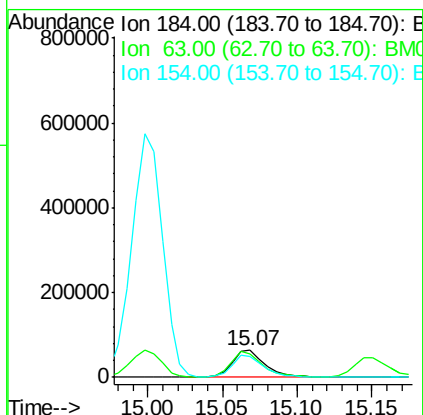
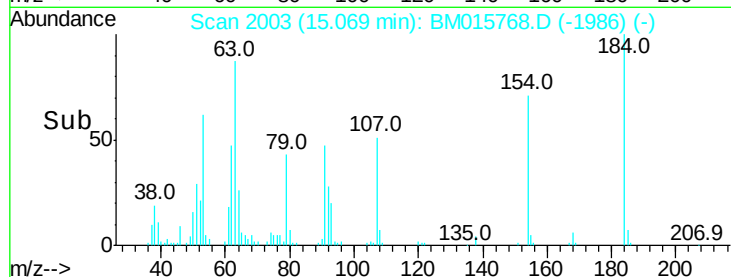
#53
2,4-Dinitrophenol
Concen: 39.634 ng
RT: 15.07 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 97833
Ion Ratio Lower Upper
184 100
63 88.5 69.2 103.8
154 76.7 53.3 79.9

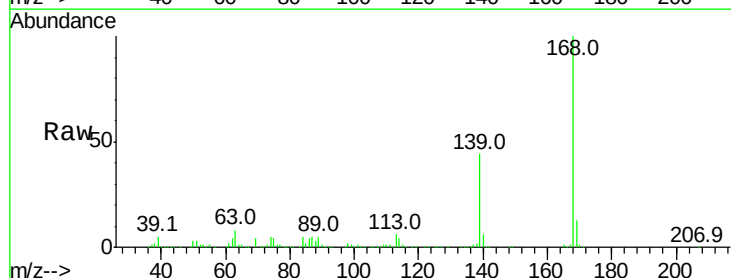


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM015767.D (-1996) (-)
Ion 154.00 (153.70 to 154.70): E

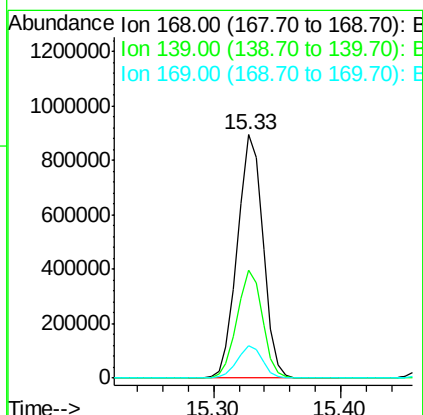
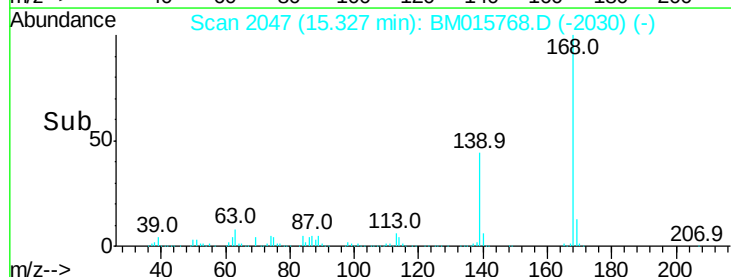


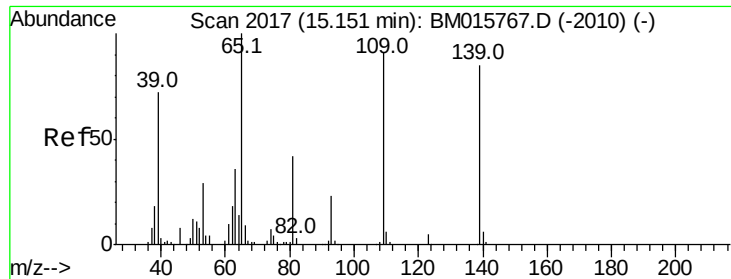
#54
Dibenzofuran
Concen: 51.101 ng
RT: 15.33 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:168 Resp: 1248430
Ion Ratio Lower Upper
168 100
139 44.2 27.3 40.9#
169 13.5 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

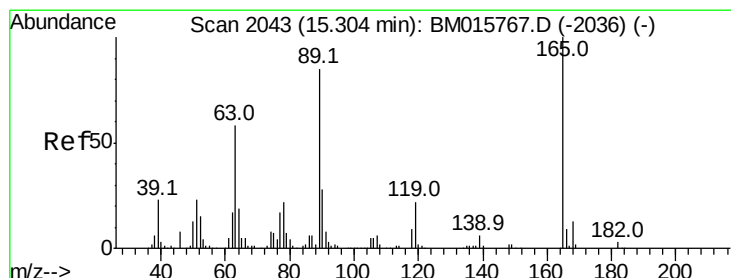
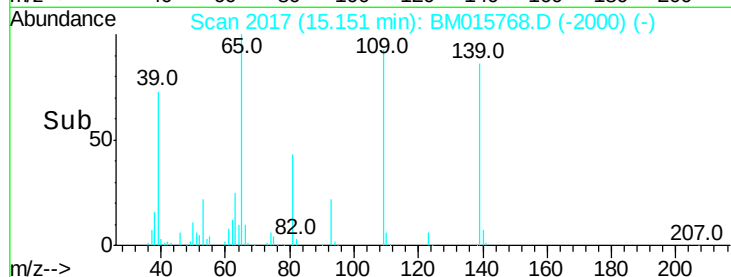
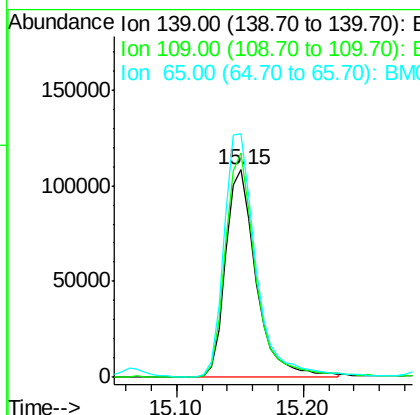
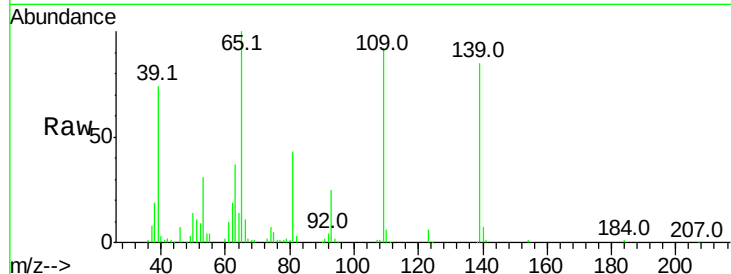




#55
4-Nitrophenol
Concen: 43.228 ng
RT: 15.15 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

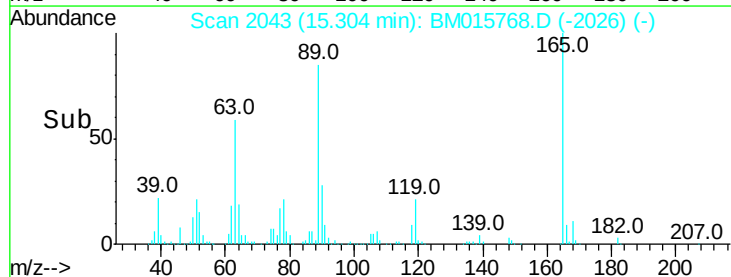
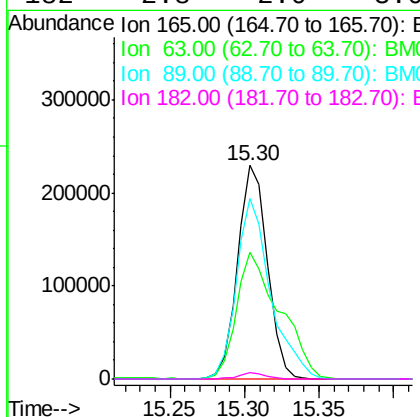
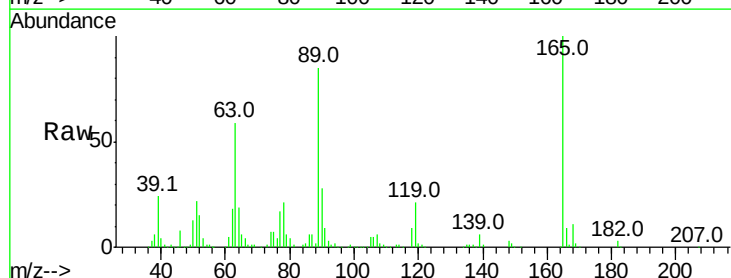
Instrument :
BNA_M
ClientSampleId :

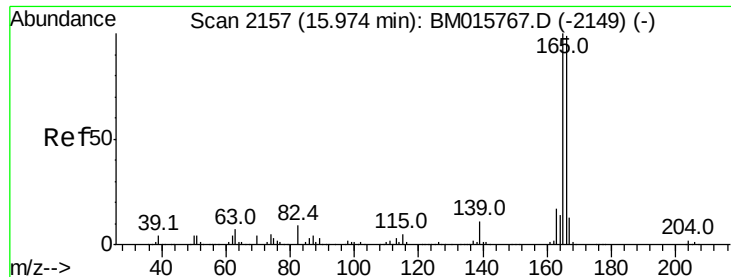
Tot Ion:139 Resp: 181265
Ion Ratio Lower Upper
139 100
109 108.0 130.0 170.0#
65 117.3 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 51.037 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:165 Resp: 316968
Ion Ratio Lower Upper
165 100
63 59.2 52.4 78.6
89 84.7 72.4 108.6
182 2.8 2.0 3.0

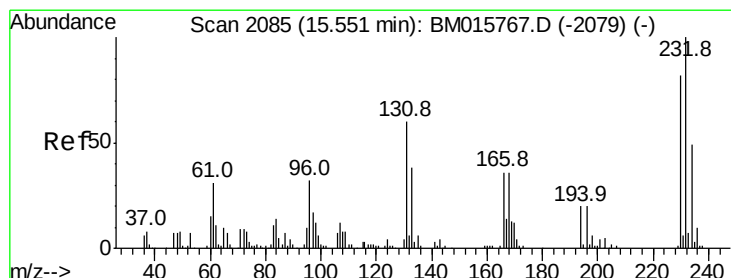
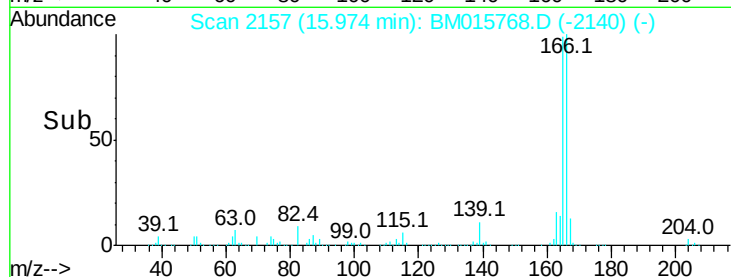
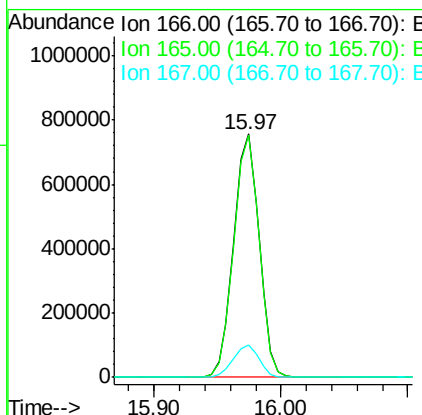
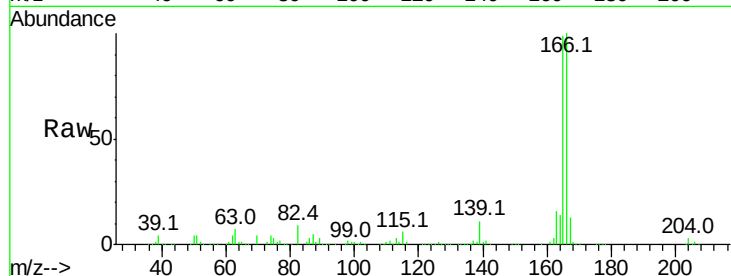




#57
 Fluorene
 Concen: 52.156 ng
 RT: 15.97 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

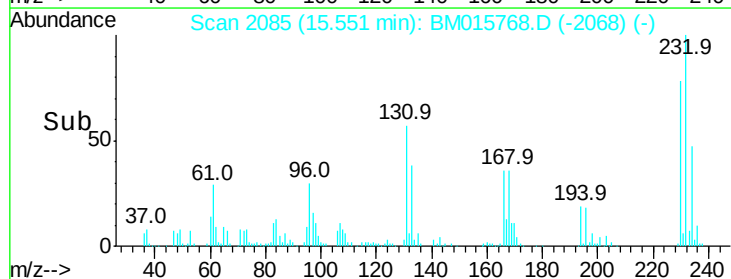
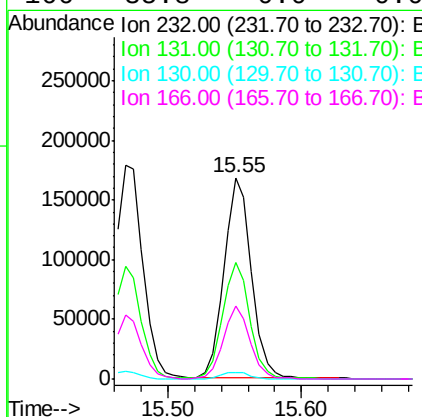
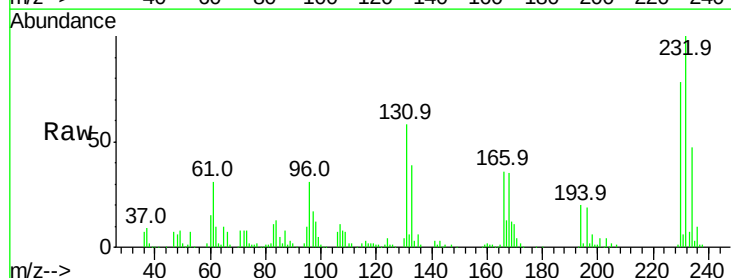
Instrument :
 BNA_M
 ClientSampleId :

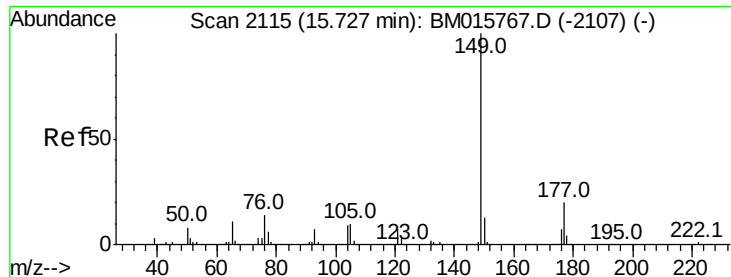
Tot Ion:166 Resp: 1048310
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.0 118.4
 167 13.2 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.409 ng
 RT: 15.55 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:232 Resp: 241126
 Ion Ratio Lower Upper
 232 100
 131 57.7 0.0 0.0#
 130 3.6 0.0 0.0#
 166 35.8 0.0 0.0#

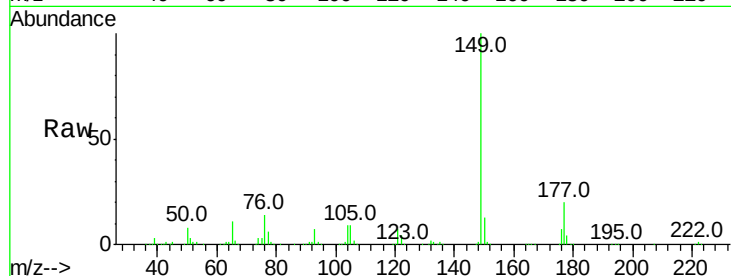




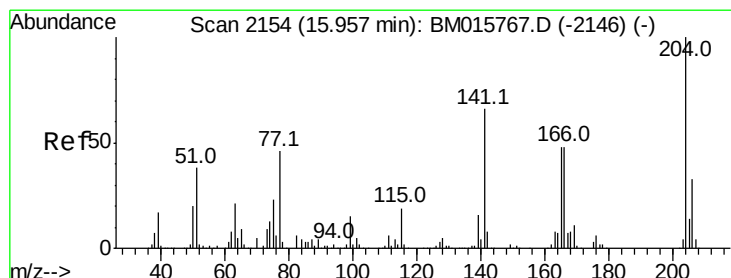
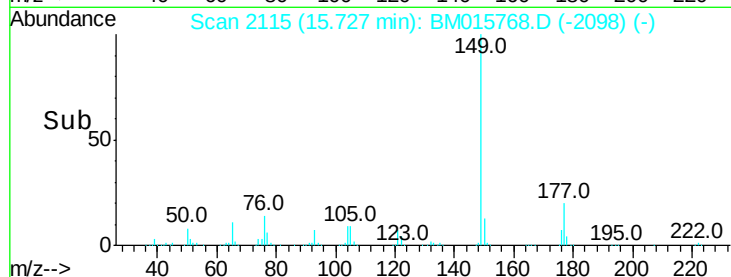
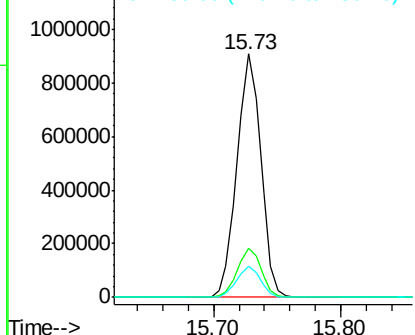
#59
Diethylphthalate
Concen: 54.521 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1183294
Ion Ratio Lower Upper
149 100
177 20.3 18.3 27.5
150 12.6 9.8 14.8

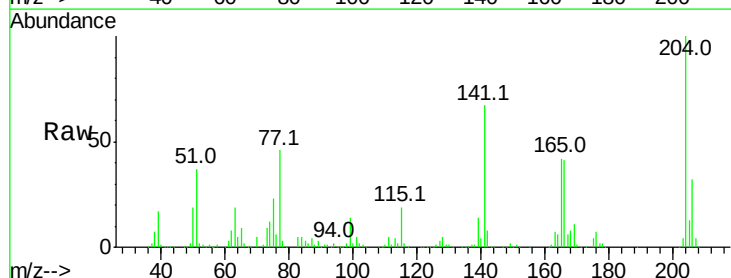


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

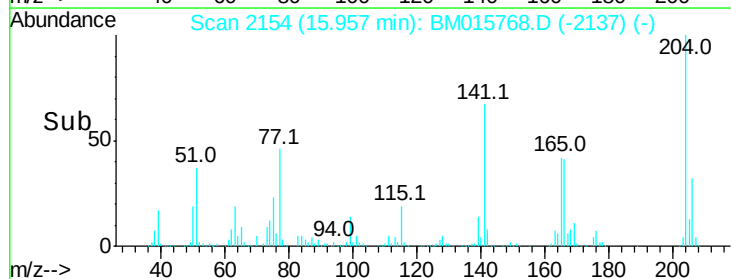
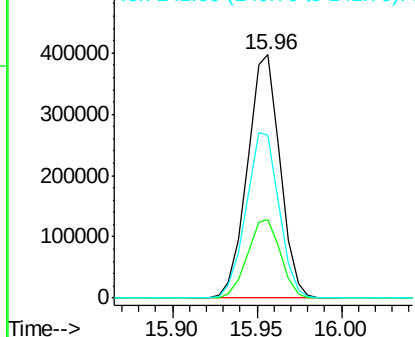


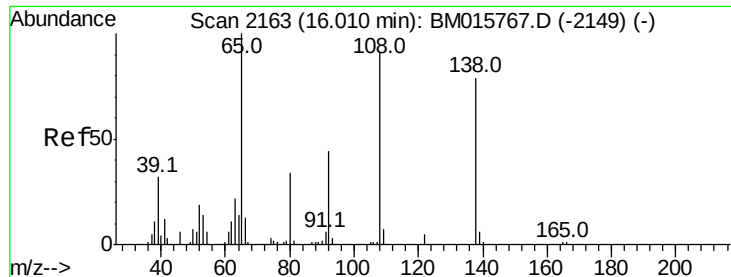
#60
4-Chlorophenyl-phenylether
Concen: 53.418 ng
RT: 15.96 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:204 Resp: 533652
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 67.1 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

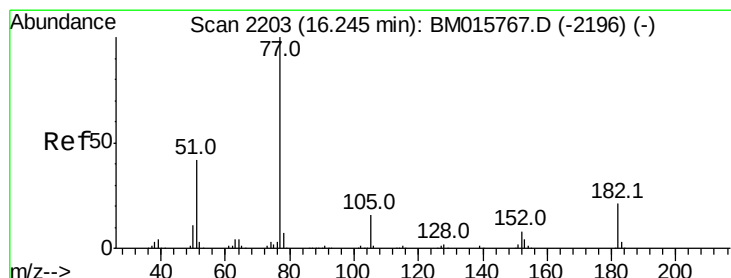
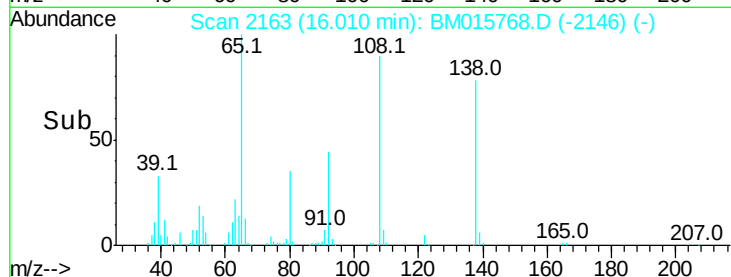
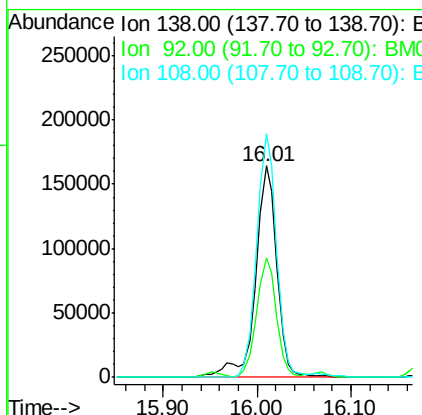
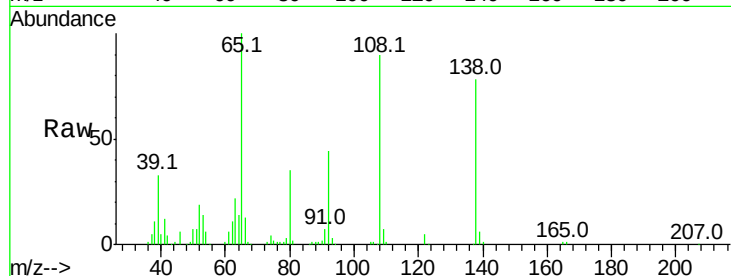




#61
4-Nitroaniline
Concen: 49.349 ng
RT: 16.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

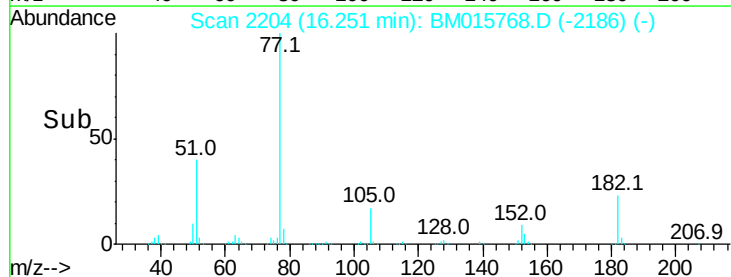
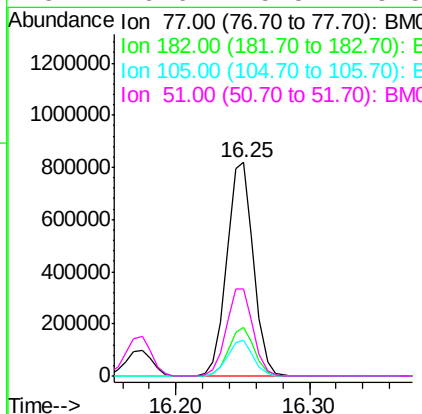
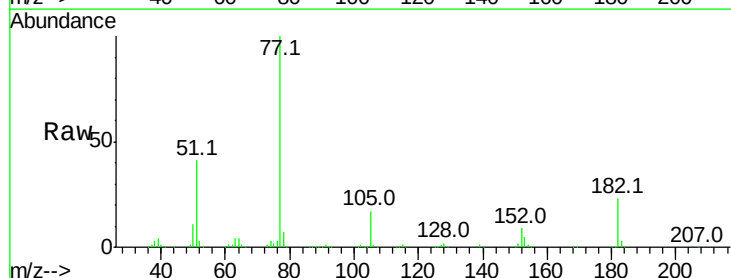
Instrument :
BNA_M
ClientSampled :

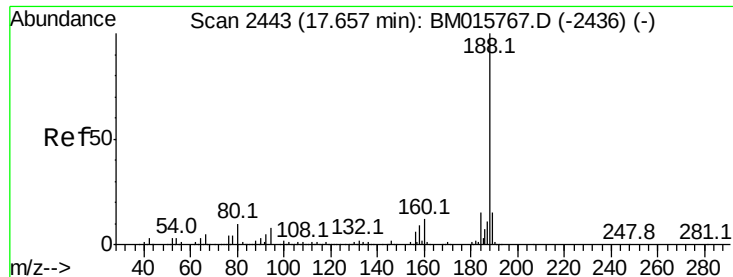
Tot Ion:138 Resp: 259457
Ion Ratio Lower Upper
138 100
92 56.3 16.7 56.7
108 115.2 37.6 77.6#



#62
Azobenzene
Concen: 56.244 ng
RT: 16.25 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion: 77 Resp: 1137172
Ion Ratio Lower Upper
77 100
182 23.0 6.5 46.5
105 16.7 3.8 43.8
51 40.6 5.5 45.5

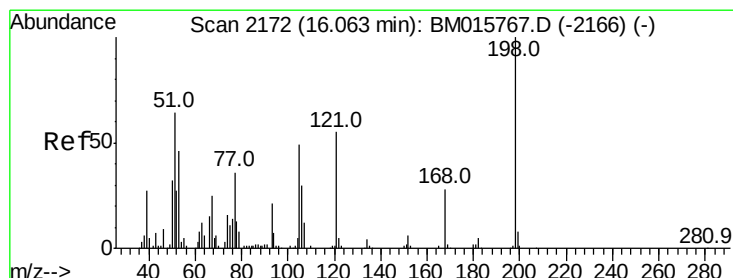
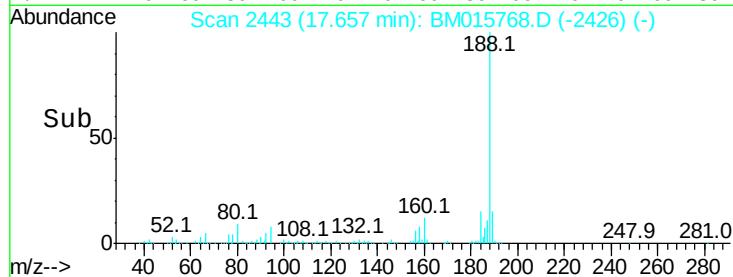
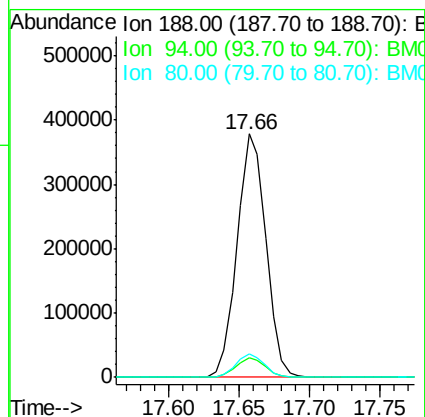
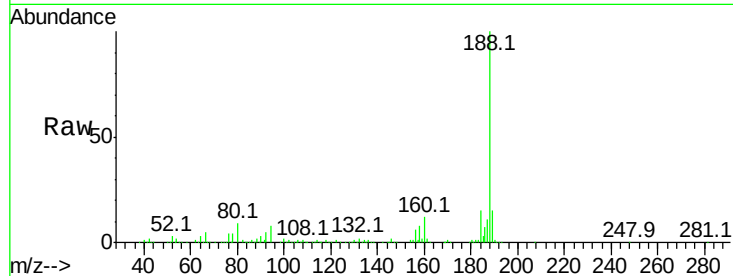




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.66 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

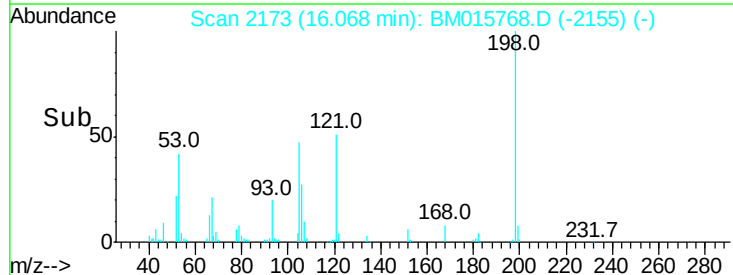
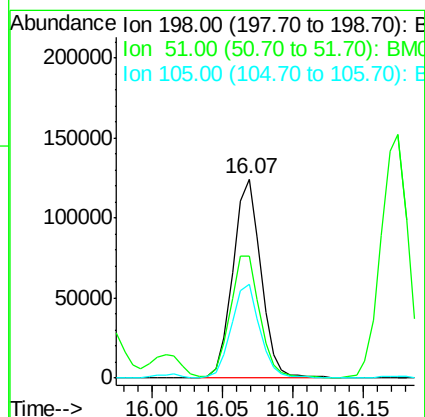
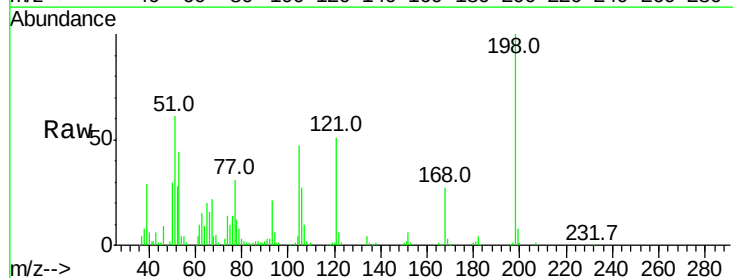
Instrument :
 BNA_M
 ClientSampleId :

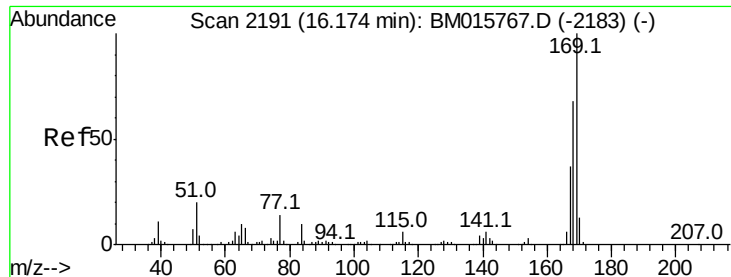
Tot Ion:188 Resp: 538804
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.7 13.1#
 80 9.5 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.706 ng
 RT: 16.07 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:198 Resp: 172895
 Ion Ratio Lower Upper
 198 100
 51 61.2 28.8 68.8
 105 47.1 30.5 70.5

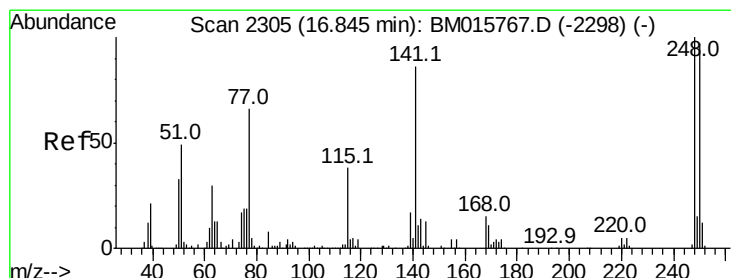
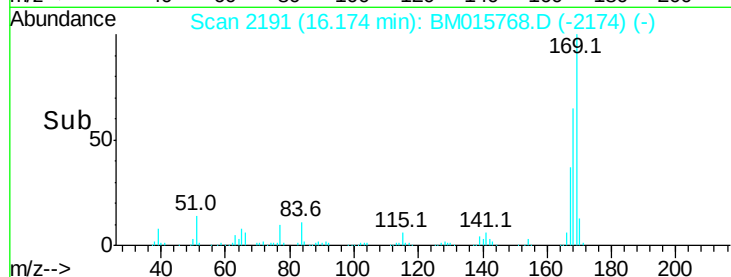
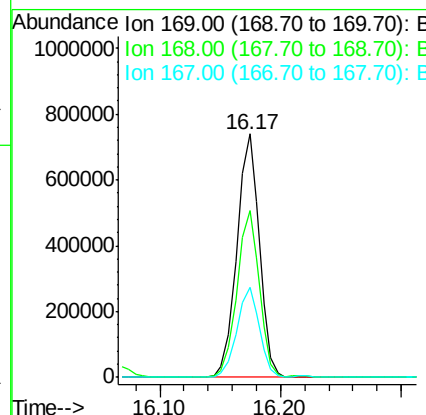
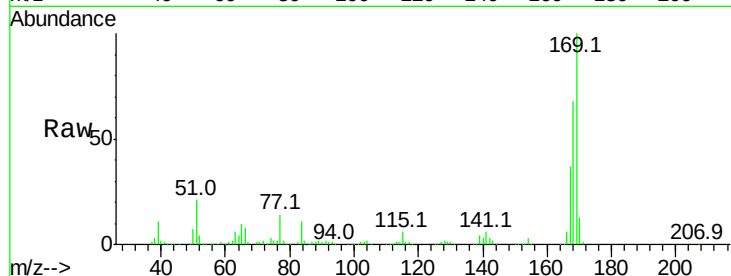




#65
n-Nitrosodiphenylamine
Concen: 57.544 ng
RT: 16.17 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

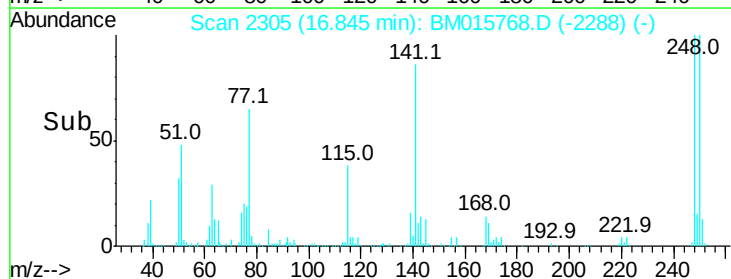
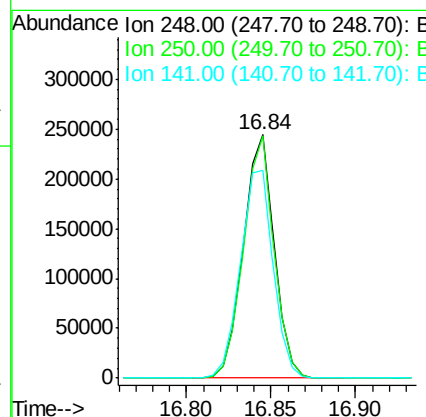
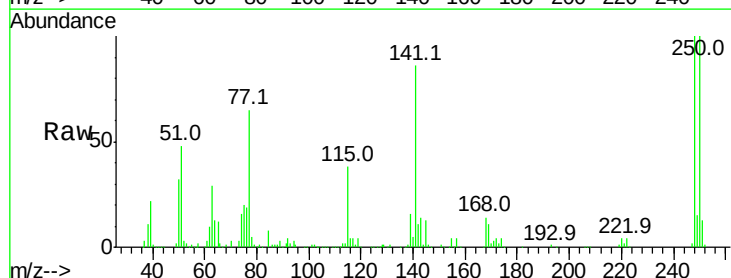
Instrument :
BNA_M
ClientSampled :

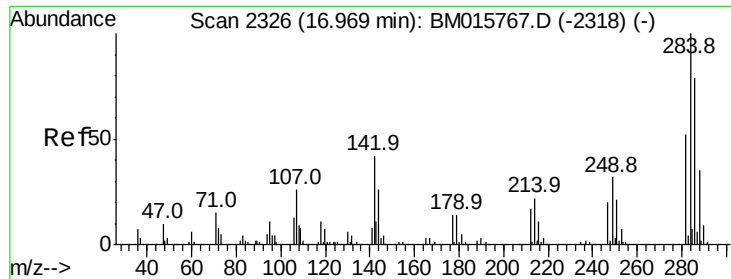
Tot Ion	169	Resp	957453
Ion Ratio	100	Lower	Upper
168	68.3	53.9	80.9
167	37.2	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 54.051 ng
RT: 16.84 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion	248	Resp	311844
Ion Ratio	100	Lower	Upper
250	99.6	77.4	116.0
141	85.5	45.2	67.8#





#67

Hexachlorobenzene

Concen: 52.267 ng

RT: 16.97 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

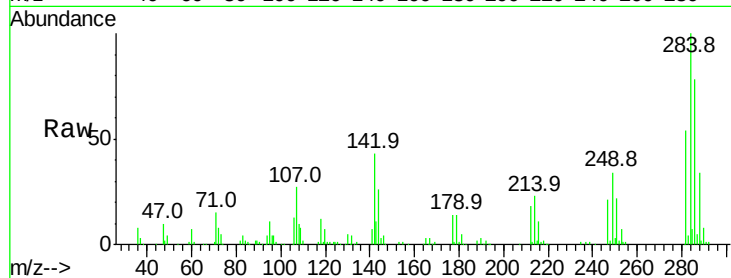
Tot Ion:284 Resp: 346762

Ion Ratio Lower Upper

284 100

142 42.6 20.4 30.6#

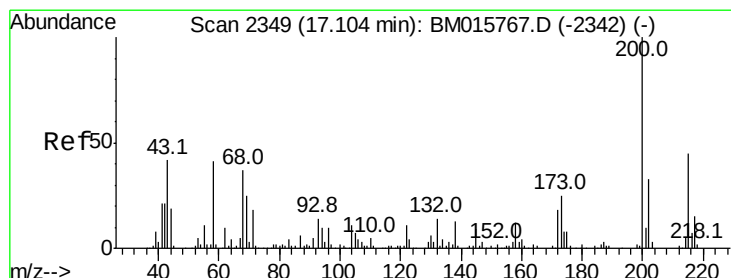
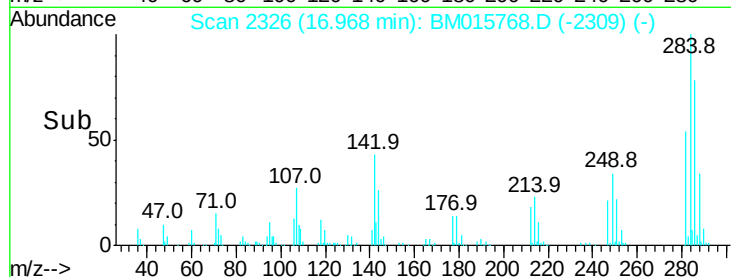
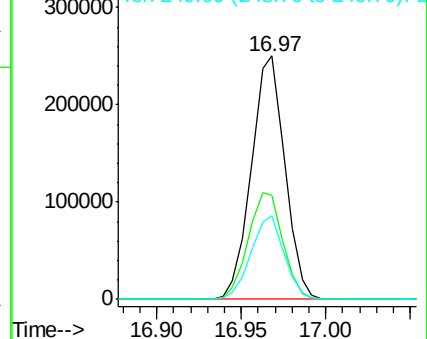
249 34.2 23.8 35.6



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: 53.878 ng

RT: 17.11 min Scan# 2350

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

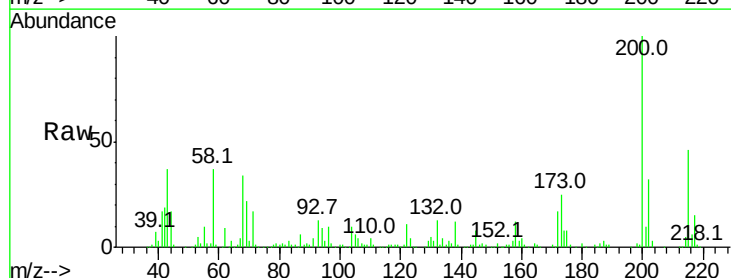
Tgt Ion:200 Resp: 312154

Ion Ratio Lower Upper

200 100

173 24.6 4.8 44.8

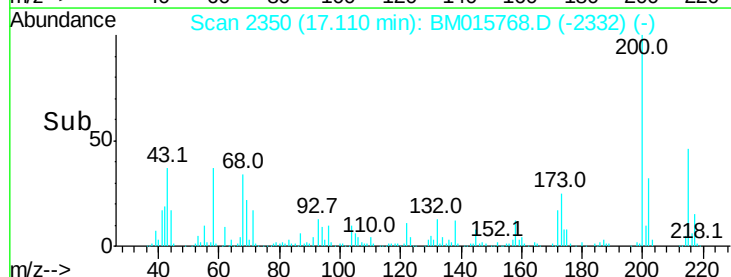
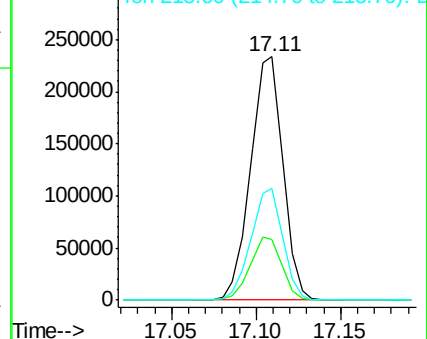
215 45.8 26.9 66.9

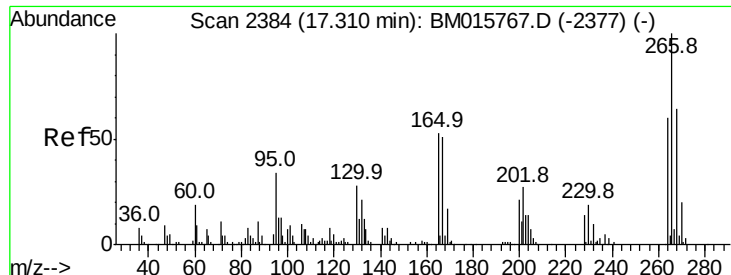


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

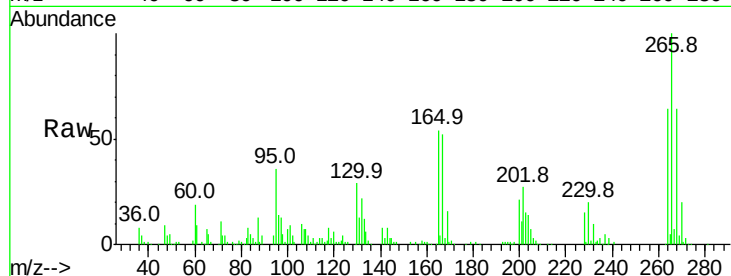




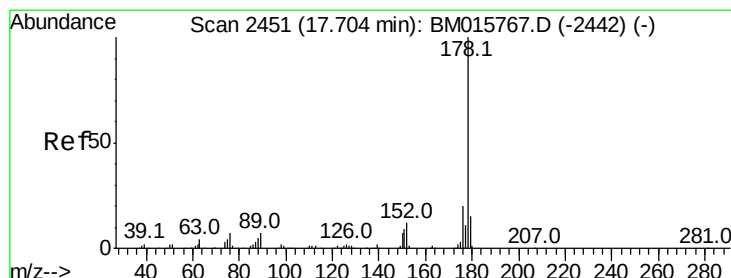
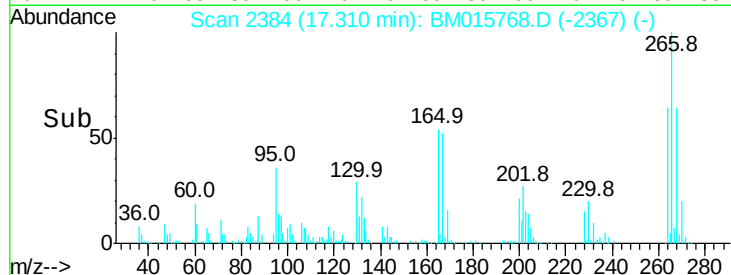
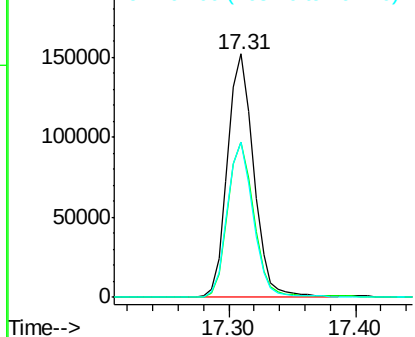
#69
 Pentachlorophenol
 Concen: 56.018 ng
 RT: 17.31 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.0	78.0
264	63.5	49.0	73.4

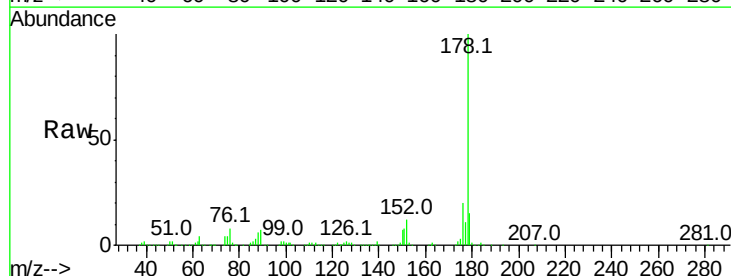


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

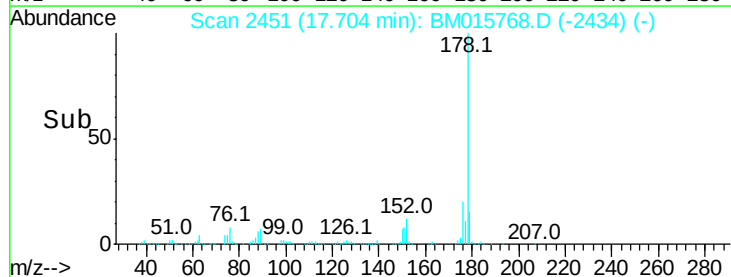
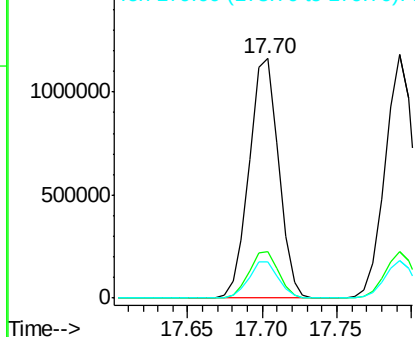


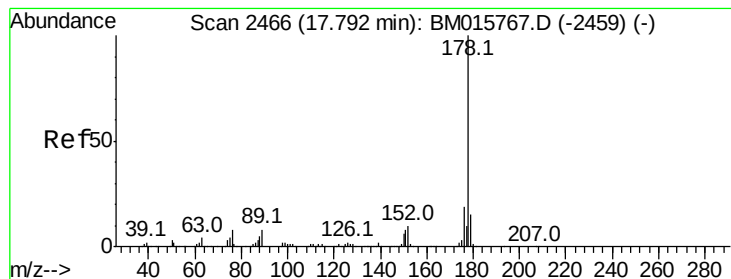
#70
 Phenanthrene
 Concen: 52.139 ng
 RT: 17.70 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.2	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: 50.873 ng

RT: 17.79 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

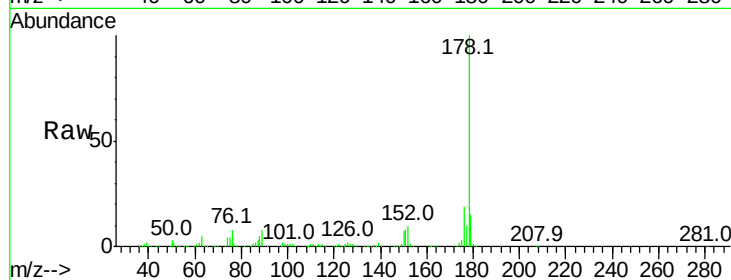
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1583480

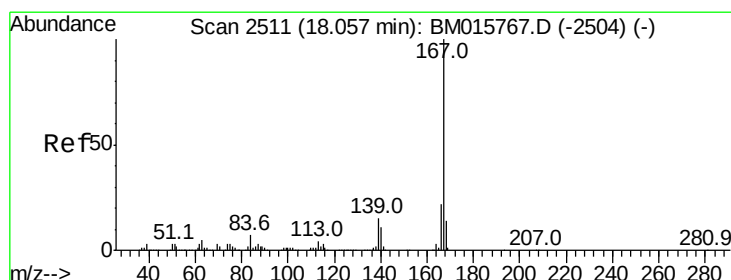
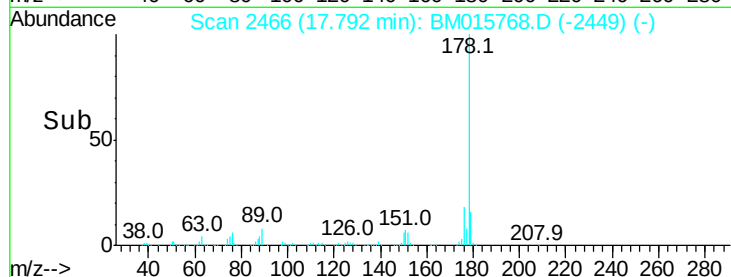
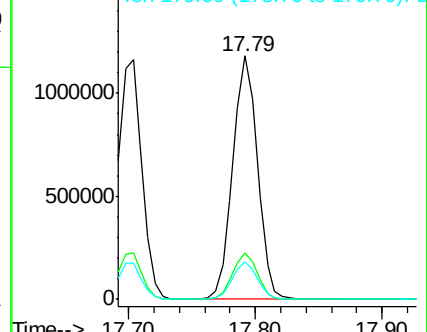
Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.4	12.6	19.0



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: 50.968 ng

RT: 18.06 min Scan# 2512

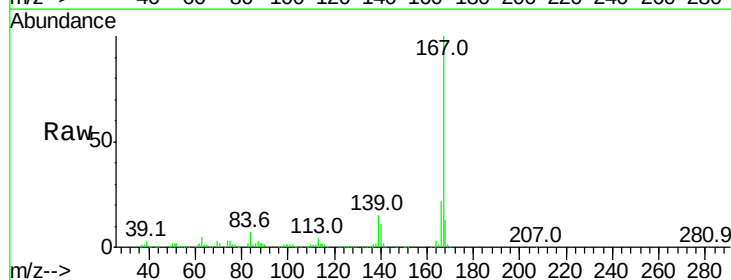
Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Tgt Ion:167 Resp: 1469976

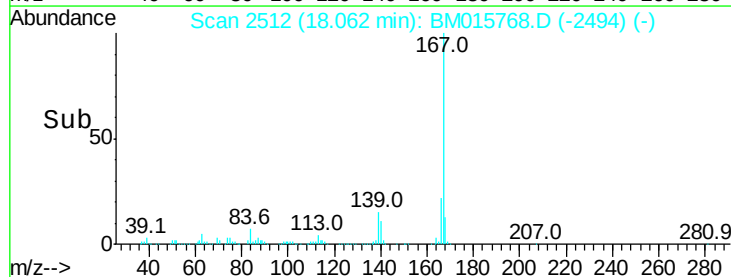
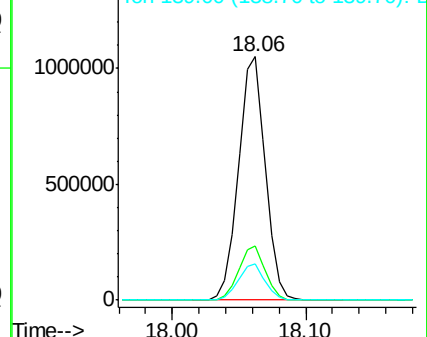
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	14.7	10.8	16.2

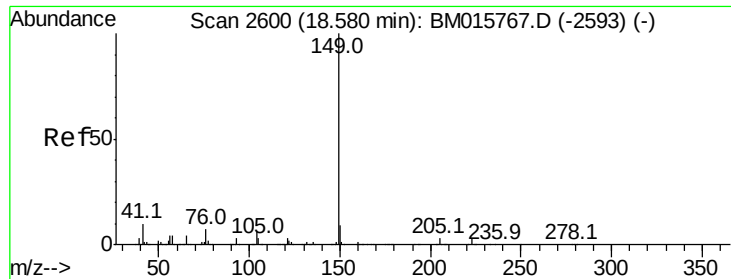


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

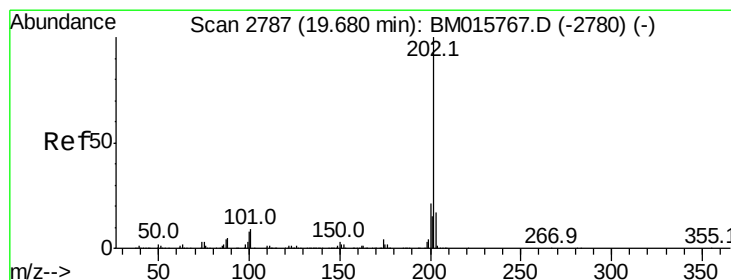
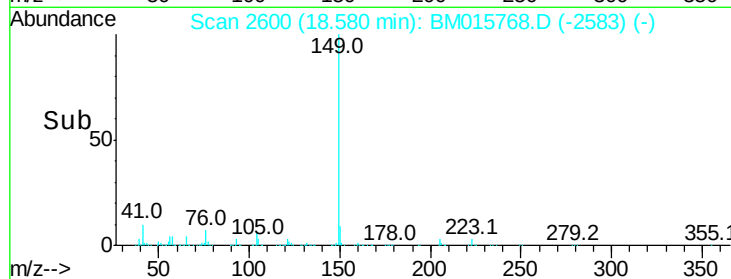
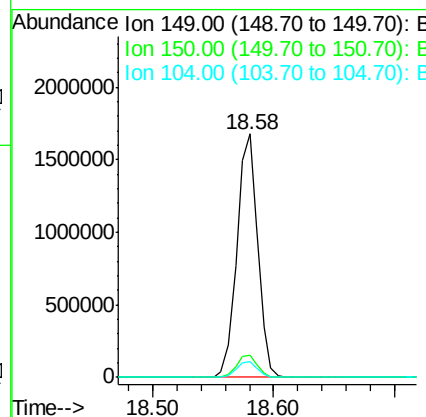
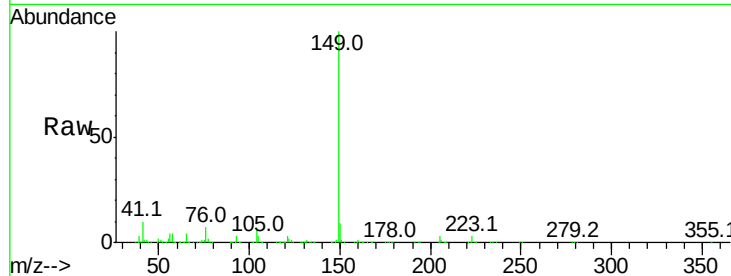




#73
Di-n-butylphthalate
Concen: 55.711 ng
RT: 18.58 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

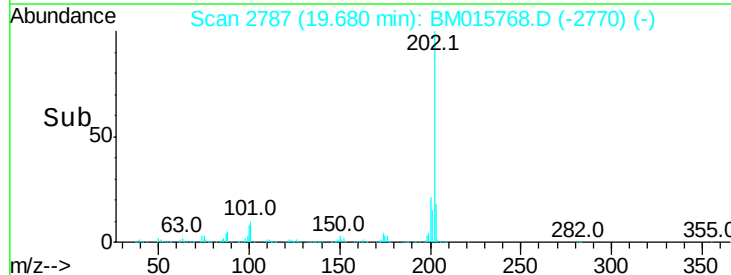
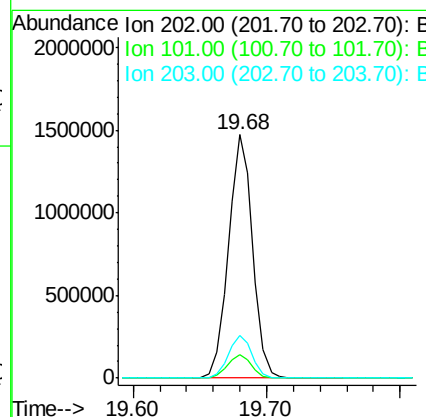
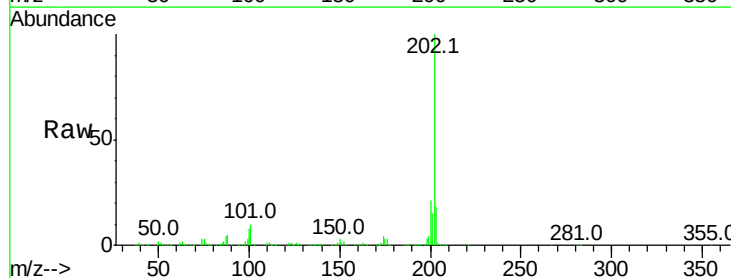
Instrument :
BNA_M
ClientSampleId :

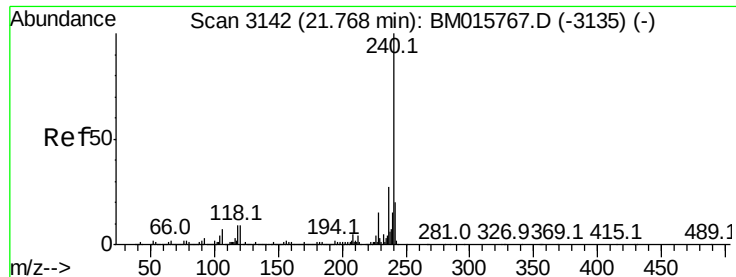
Tot Ion:149 Resp: 2011272
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.2 3.7 5.5#



#74
Fluoranthene
Concen: 50.941 ng
RT: 19.68 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:202 Resp: 1862588
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

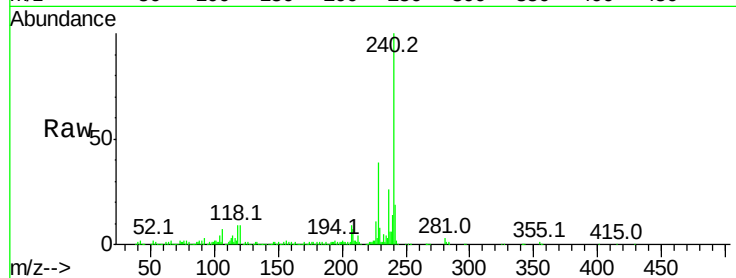
Tot Ion:240 Resp: 622342

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

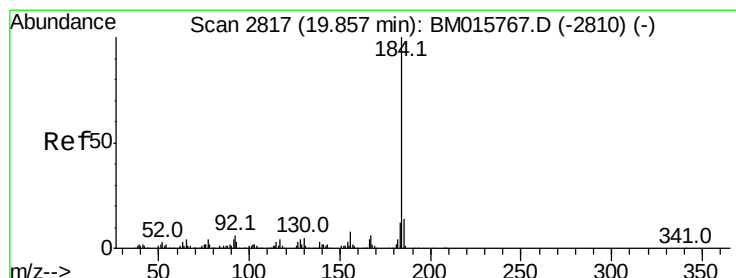
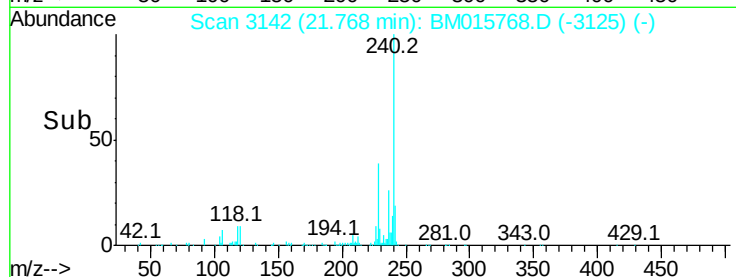
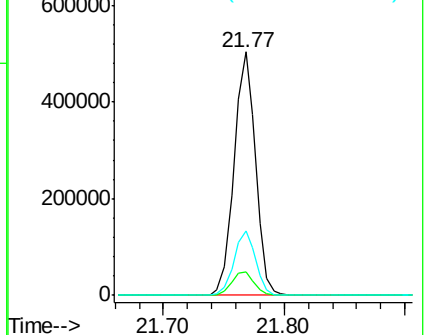
236 26.4 20.0 30.0



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: 88.208 ng

RT: 19.86 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

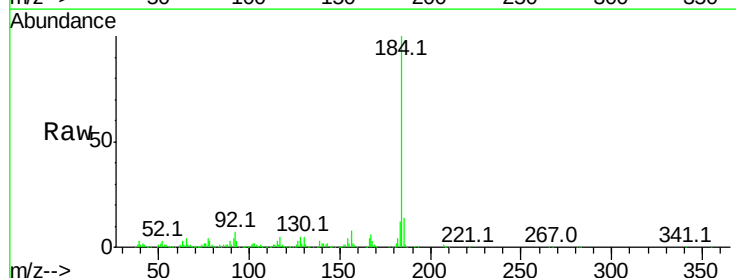
Tgt Ion:184 Resp: 1868590

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

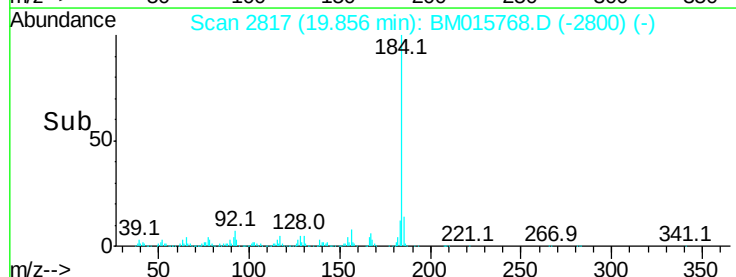
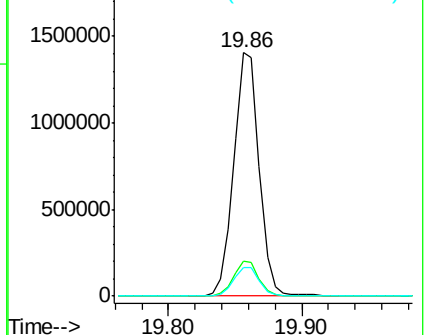
183 11.9 8.9 13.3

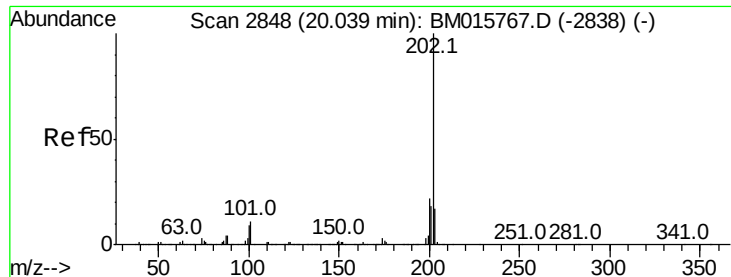


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.468 ng

RT: 20.04 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

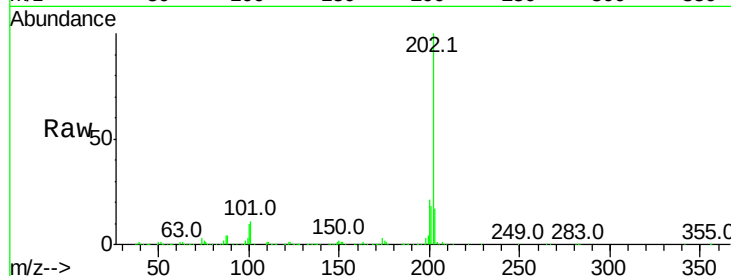
Tot Ion:202 Resp: 1935951

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1

202 100

200 21.1 16.9 25.3

203 17.5 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

2000000

1500000

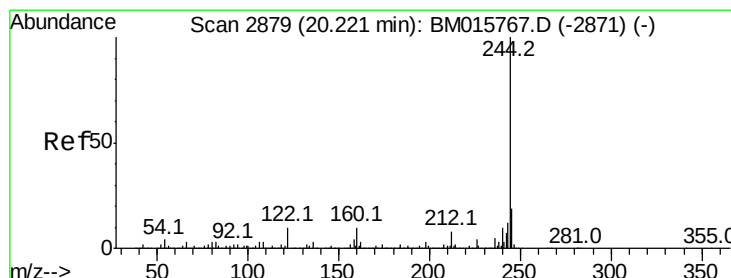
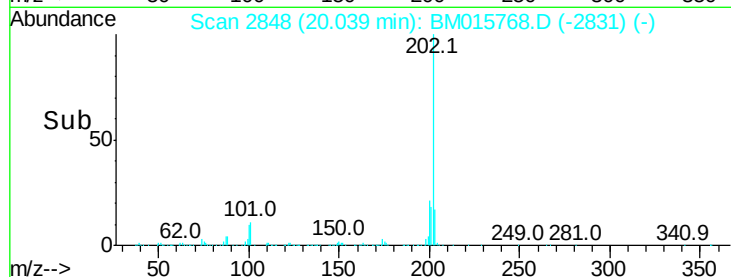
1000000

500000

0

20.04

Time-->



#78

Terphenyl-d14

Concen: 51.468 ng

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

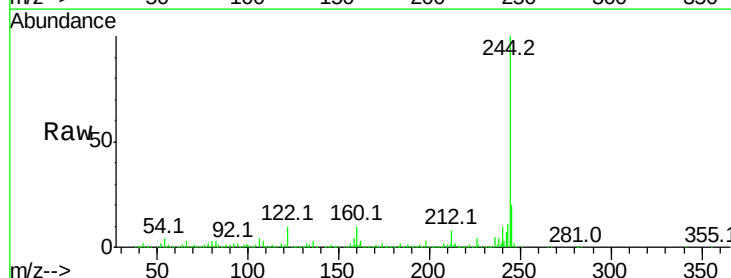
Tgt Ion:244 Resp: 3360416

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	10.3	6.2	9.4#

244 100

212 8.1 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

4000000

3000000

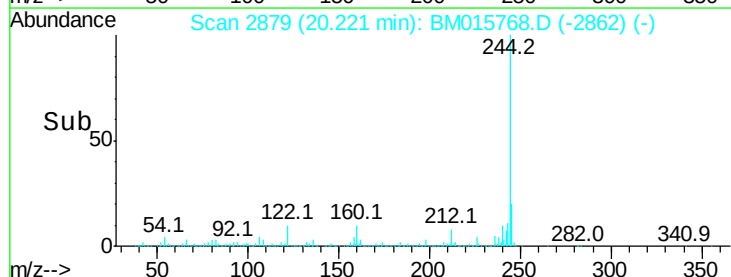
2000000

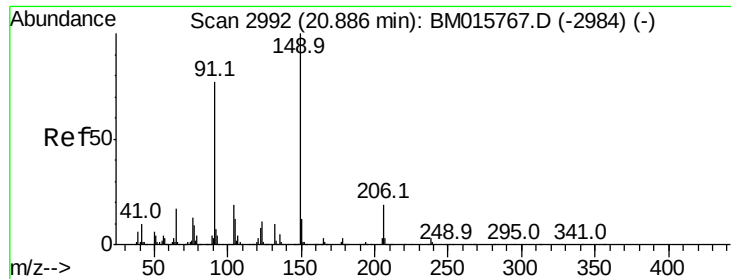
1000000

0

20.22

Time-->

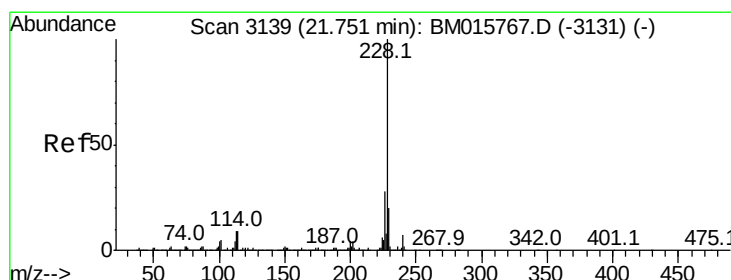
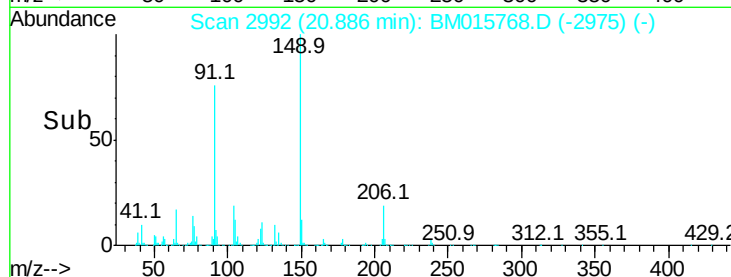
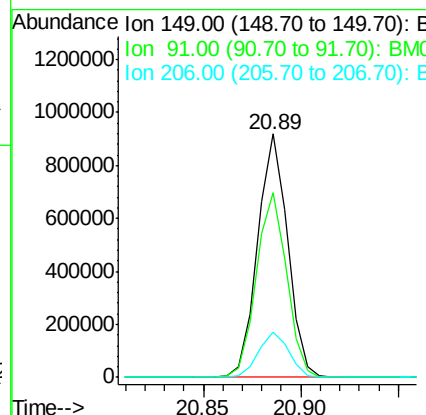
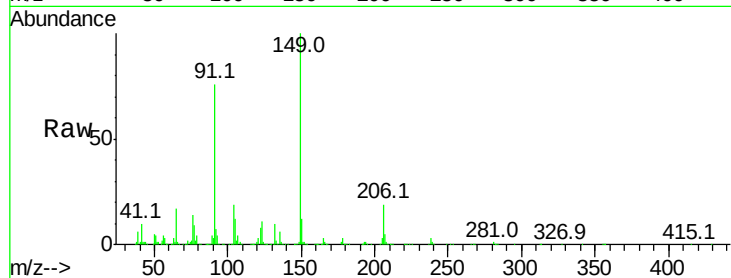




#79
Butylbenzylphthalate
Concen: 53.862 ng
RT: 20.89 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

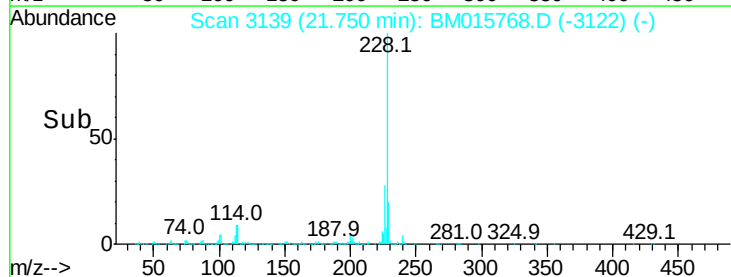
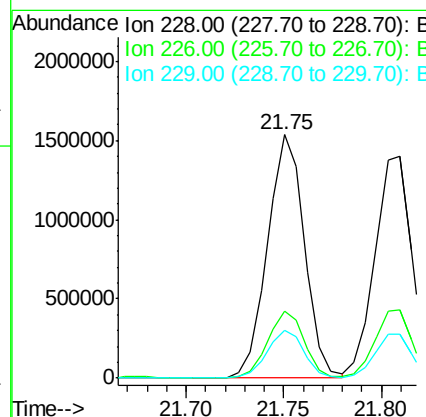
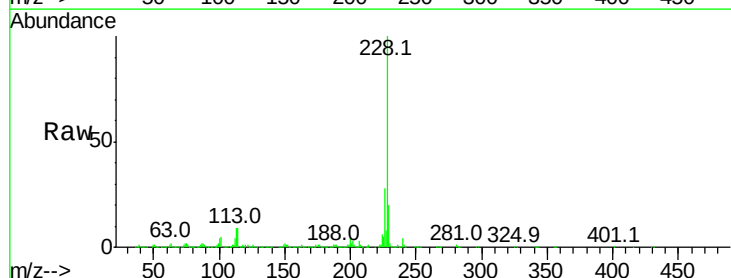
Instrument :
BNA_M
ClientSampleId :

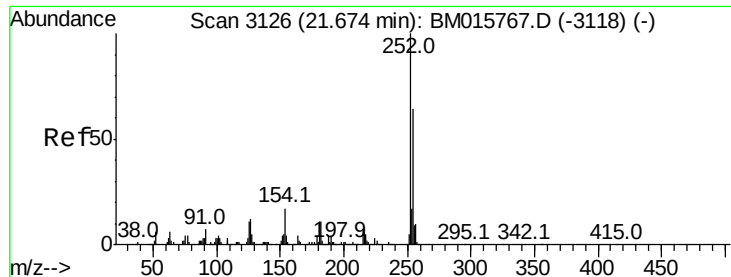
Tot Ion:149 Resp: 974521
Ion Ratio Lower Upper
149 100
91 75.7 50.1 75.1#
206 18.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 50.688 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:228 Resp: 2008464
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.8 16.0 24.0

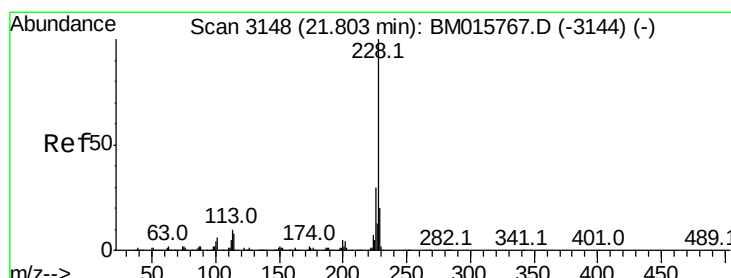
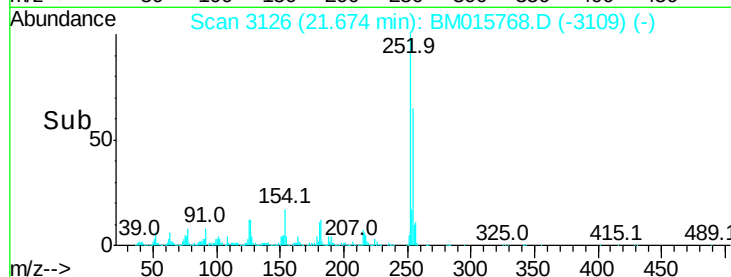
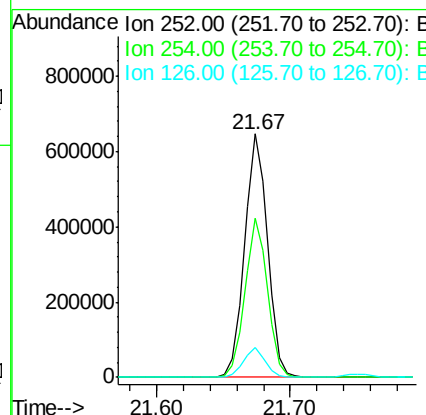
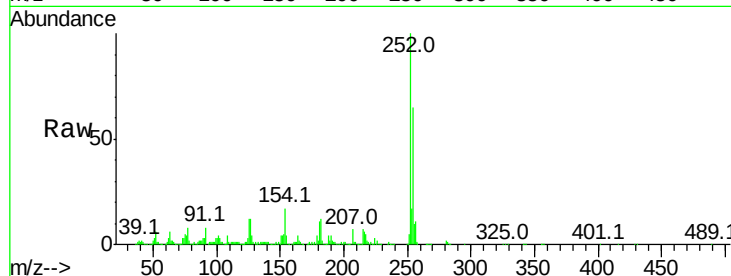




#81
 3,3'-Dichlorobenzidine
 Concen: 48.991 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

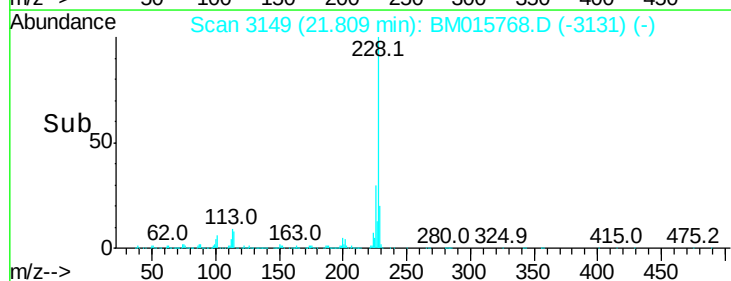
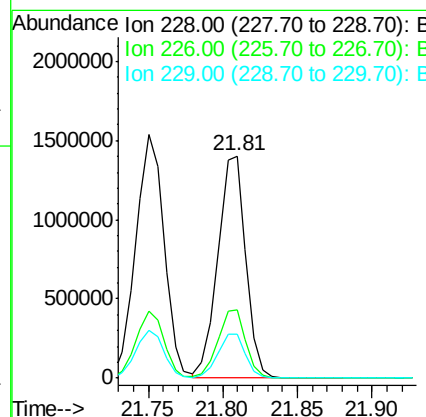
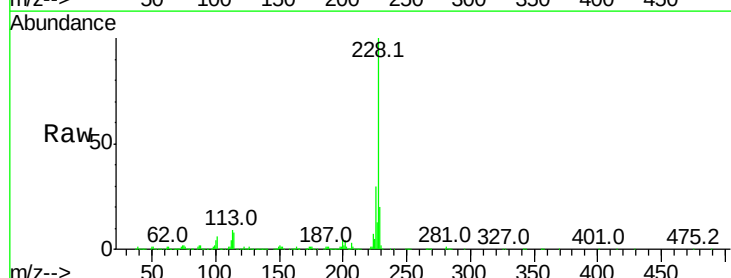
Instrument :
 BNA_M
 ClientSampleId :

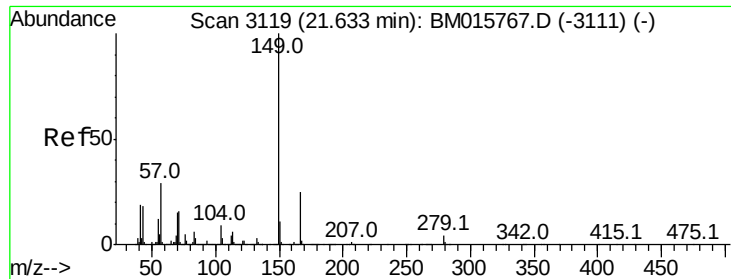
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	12.1	9.8	14.8



#82
 Chrysene
 Concen: 50.093 ng
 RT: 21.81 min Scan# 3149
 Delta R.T. 0.01 min
 Lab File: BM015768.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.976 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

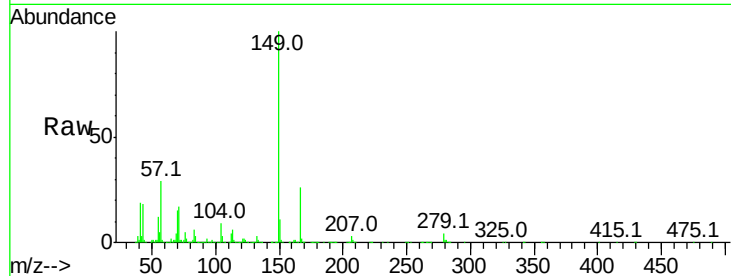
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1444963

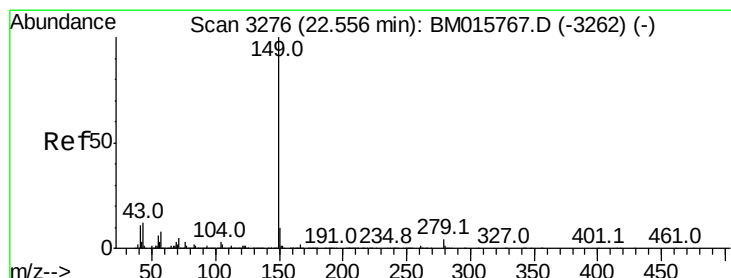
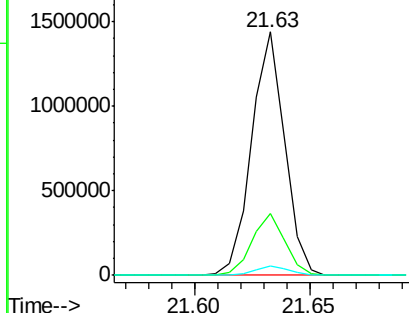
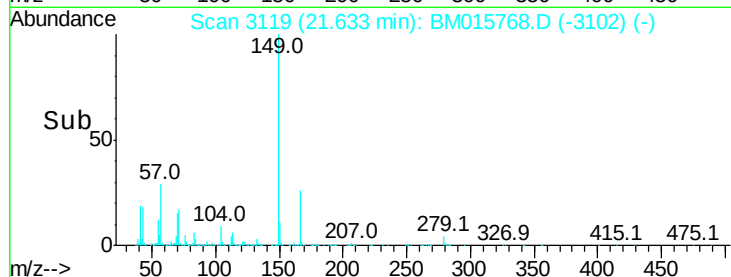
Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.4	33.6
279	4.0	3.4	5.0



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: 51.821 ng

RT: 22.56 min Scan# 3276

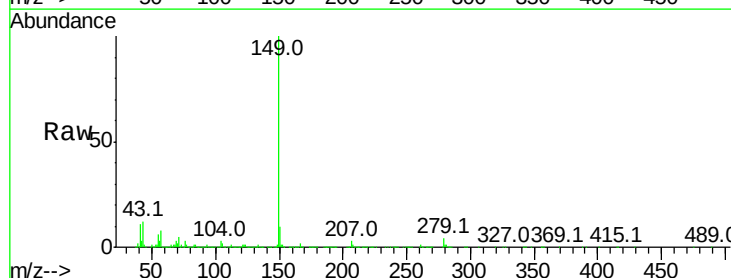
Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Tgt Ion:149 Resp: 2419703

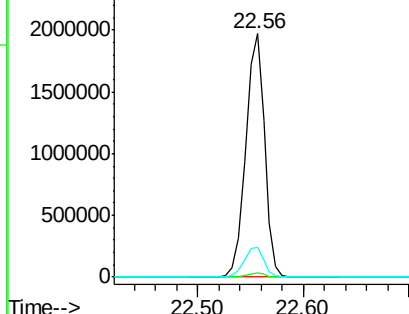
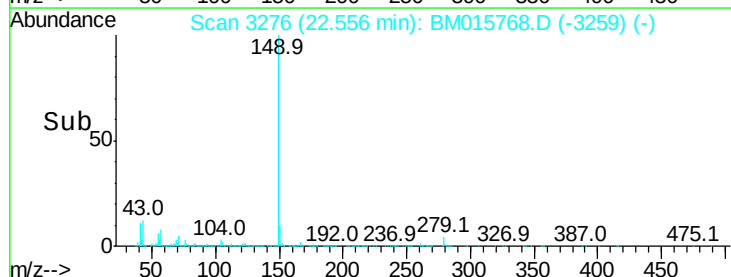
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.8	7.3	10.9

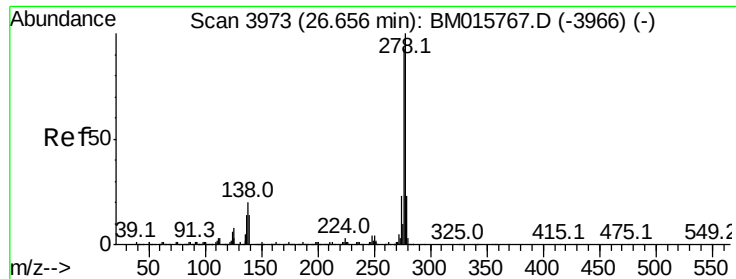


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.073 ng

RT: 26.66 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

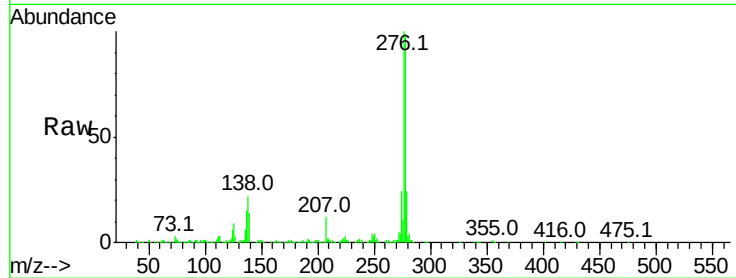
Tot Ion:276 Resp: 1904842

Ion Ratio Lower Upper

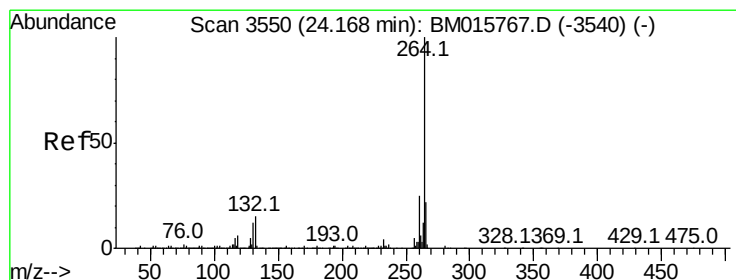
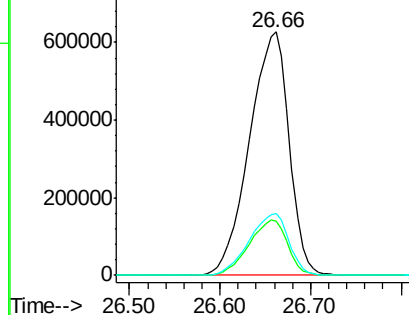
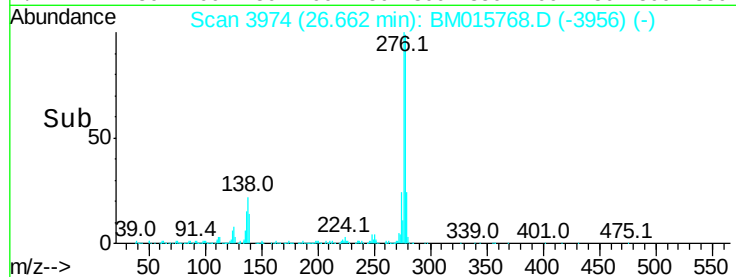
276 100

138 22.2 12.0 18.0#

277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

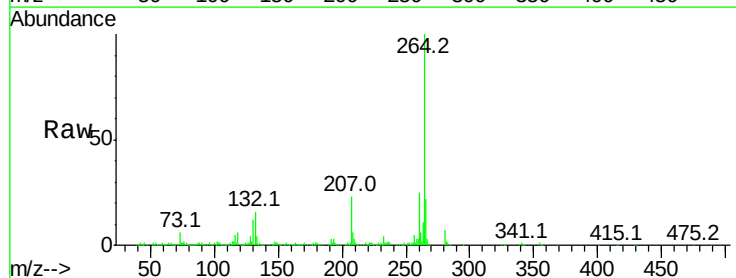
Tgt Ion:264 Resp: 578939

Ion Ratio Lower Upper

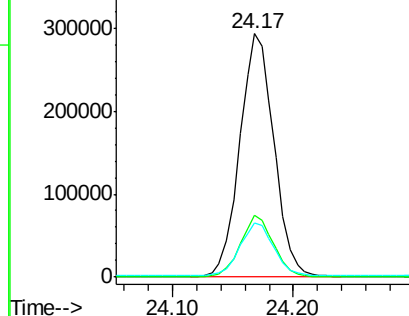
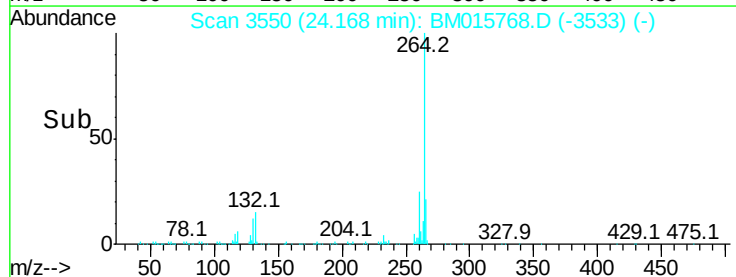
264 100

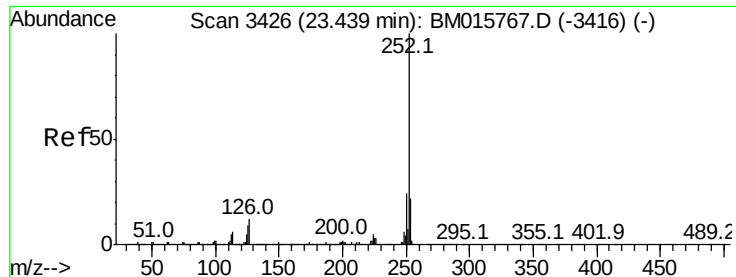
260 25.2 18.6 27.8

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

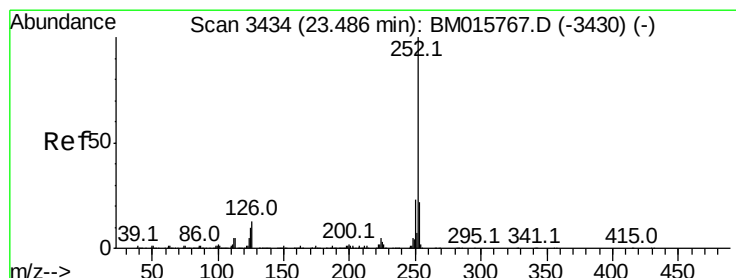
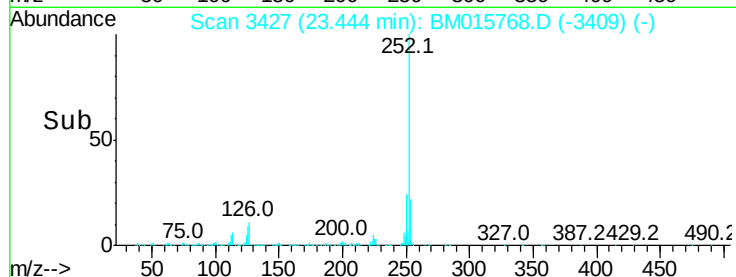
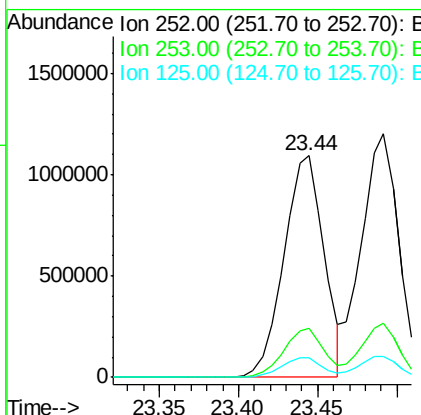
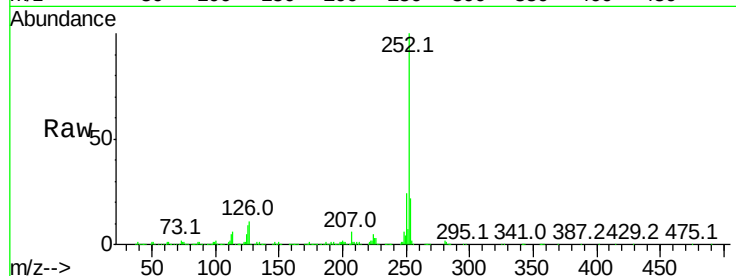




#87
Benzo(b)fluoranthene
Concen: 54.389 ng
RT: 23.44 min Scan# 3427
Delta R.T. 0.01 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

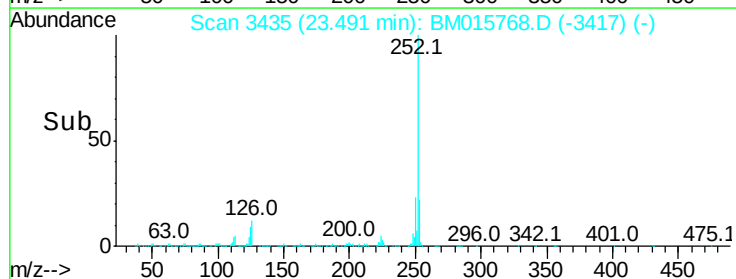
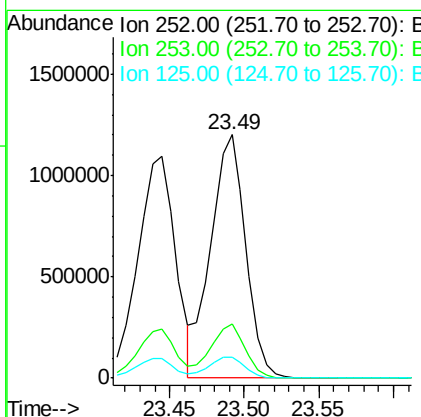
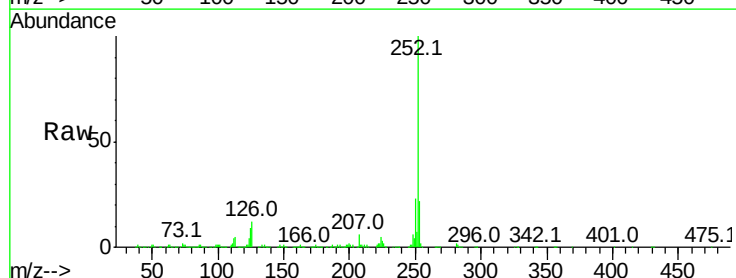
Instrument :
BNA_M
ClientSampleId :

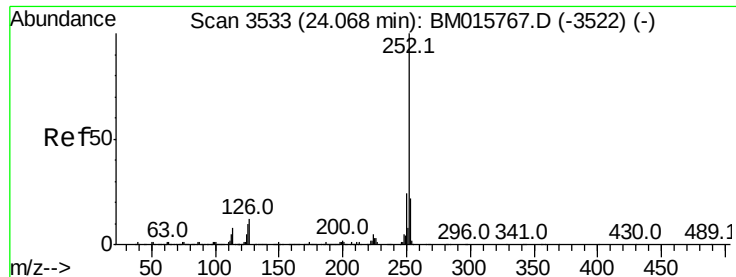
Tot Ion:252 Resp: 1911789
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.9 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 58.493 ng
RT: 23.49 min Scan# 3435
Delta R.T. 0.01 min
Lab File: BM015768.D
Acq: 05 Jul 2018 15:25

Tgt Ion:252 Resp: 1956589
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.7 8.1 12.1





#89

Benzo(a)pyrene

Concen: 51.576 ng

RT: 24.07 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

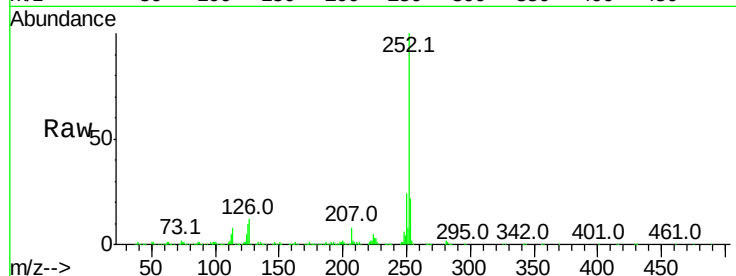
Tot Ion:252 Resp: 1752138

Ion Ratio Lower Upper

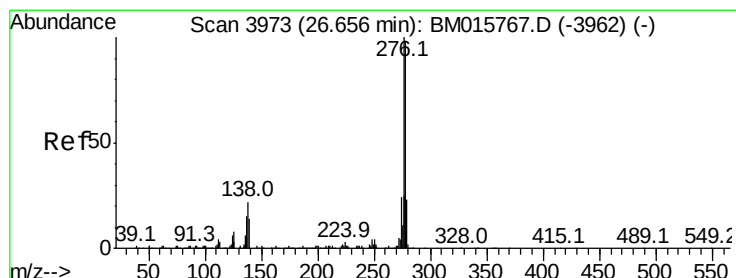
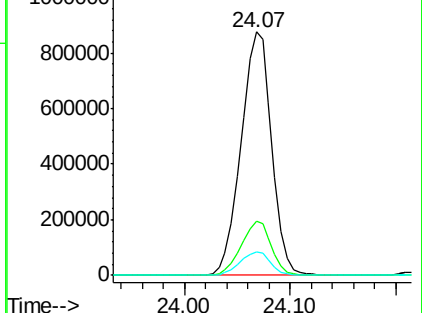
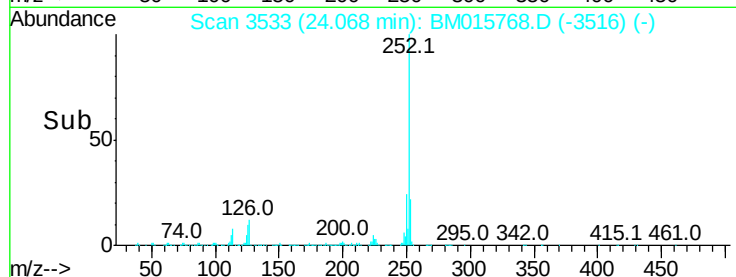
252 100

253 22.3 17.6 26.4

125 9.9 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: 46.850 ng

RT: 26.66 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

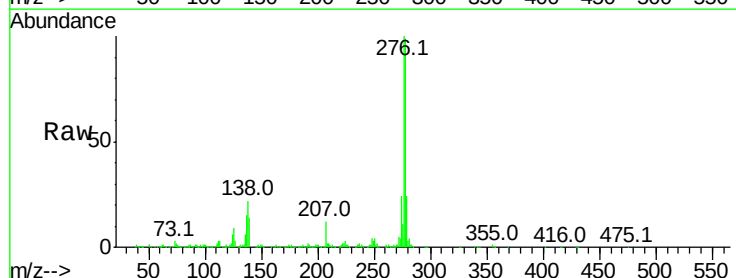
Tgt Ion:278 Resp: 1653578

Ion Ratio Lower Upper

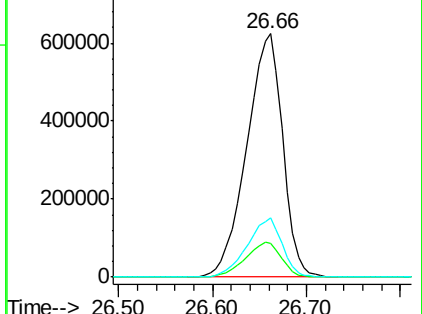
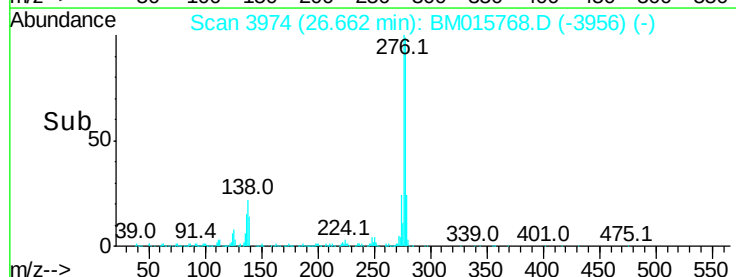
278 100

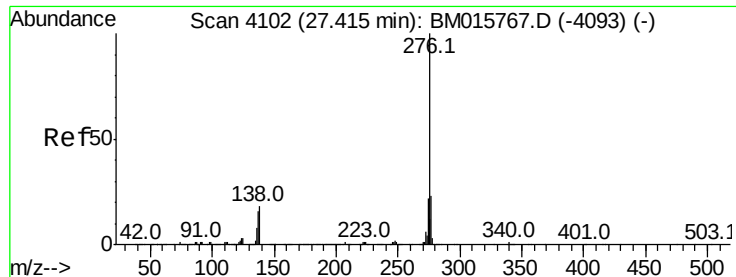
139 13.6 13.4 20.0

279 24.1 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: 41.948 ng

RT: 27.42 min Scan# 4103

Delta R.T. 0.01 min

Lab File: BM015768.D

Acq: 05 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

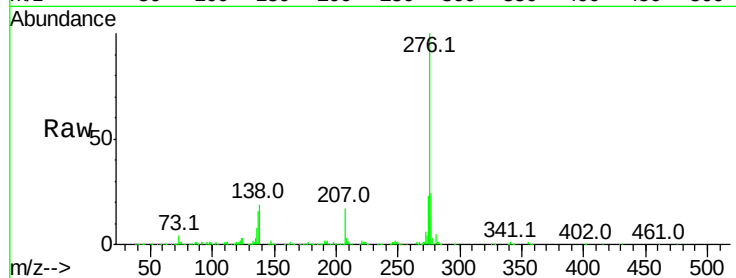
Tot Ion:276 Resp: 1435590

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 18.5 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

