

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
 Data File : BM015842.D
 Acq On : 09 Jul 2018 14:30
 Operator : SJ/JU
 Sample : PB110790BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Quant Time: Jul 10 01:33:53 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 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	55684	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	254893	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	155232	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	374957	20.00	ng	0.00
75) Chrysene-d12	21.76	240	481024	20.00	ng	-0.01
86) Perylene-d12	24.16	264	488506	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	362987	111.79	ng	-0.01
7) Phenol-d6	7.45	99	495036	111.37	ng	-0.01
23) Nitrobenzene-d5	9.49	82	535378	102.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	225816	111.33	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1224834	97.96	ng	-0.02
78) Terphenyl-d14	20.21	244	2393541	92.30	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	46610	34.710	ng	# 100
3) Pyridine	4.00	79	115866	32.698	ng	# 74
4) n-Nitrosodimethylamine	3.91	42	121988	44.211	ng	# 42
6) Aniline	7.62	93	163635	30.364	ng	91
8) 2-Chlorophenol	7.86	128	215193	55.222	ng	95
9) Benzaldehyde	7.44	77	100507	35.874	ng	93
10) Phenol	7.48	94	254696	57.024	ng	94
11) bis(2-Chloroethyl)ether	7.72	93	169162	46.558	ng	89
12) 1,3-Dichlorobenzene	8.19	146	195099	45.156	ng	# 90
13) 1,4-Dichlorobenzene	8.34	146	200917	44.969	ng	95
14) 1,2-Dichlorobenzene	8.66	146	198969	46.047	ng	95
15) Benzyl Alcohol	8.55	79	197211	51.103	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	273487	68.922	ng	96
17) 2-Methylphenol	8.75	107	177722	57.433	ng	# 84
18) Hexachloroethane	9.39	117	82335	46.604	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	166354	46.566	ng	# 78
20) 3+4-Methylphenols	9.08	107	239143	55.637	ng	88
22) Acetophenone	9.15	105	307984	46.383	ng	# 87
24) Nitrobenzene	9.53	77	257340	50.605	ng	98
25) Isophorone	10.05	82	442655	55.514	ng	# 93
26) 2-Nitrophenol	10.25	139	111006	50.693	ng	# 63
27) 2,4-Dimethylphenol	10.29	122	213093	64.057	ng	# 83
28) bis(2-Chloroethoxy)methane	10.53	93	260123	50.073	ng	98
29) 2,4-Dichlorophenol	10.77	162	214026	58.091	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	202489	47.318	ng	98
31) Naphthalene	11.18	128	650399	49.216	ng	99
32) Benzoic acid	10.46	122	130571	44.333	ng	90
33) 4-Chloroaniline	11.30	127	158084	29.340	ng	# 89
34) Hexachlorobutadiene	11.44	225	129293	45.272	ng	98
35) Caprolactam	12.10	113	66398	54.341	ng	# 84
36) 4-Chloro-3-methylphenol	12.40	107	245158	57.992	ng	88
37) 2-Methylnaphthalene	12.77	142	501443	53.340	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	238031	47.776	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	209085	88.707	ng	99

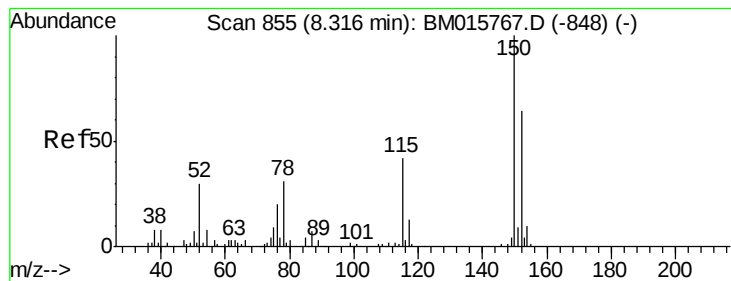
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	168636	53.546	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	182855	53.748	ng	# 83
45) 1,1'-Biphenyl	13.76	154	654101	48.736	ng	99
46) 2-Chloronaphthalene	13.81	162	503542	50.180	ng	# 91
47) 2-Nitroaniline	14.02	65	189062	54.027	ng	# 78
48) Acenaphthylene	14.65	152	829208	50.796	ng	99
49) Dimethylphthalate	14.37	163	686465	50.142	ng	99
50) 2,6-Dinitrotoluene	14.51	165	144131	53.995	ng	# 70
51) Acenaphthene	14.99	154	482873	47.537	ng	98
52) 3-Nitroaniline	14.84	138	102342	35.028	ng	# 76
53) 2,4-Dinitrophenol	15.06	184	146801	107.283	ng	# 85
54) Dibenzofuran	15.32	168	798338	51.004	ng	# 85
55) 4-Nitrophenol	15.14	139	255523	118.502	ng	# 75
56) 2,4-Dinitrotoluene	15.30	165	214246	55.594	ng	94
57) Fluorene	15.96	166	673675	52.192	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	164318	57.237	ng	# 100
59) Diethylphthalate	15.72	149	766219	52.227	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	327447	49.301	ng	# 88
61) 4-Nitroaniline	16.00	138	170492	56.250	ng	# 30
62) Azobenzene	16.23	77	799407	58.130	ng	79
64) 4,6-Dinitro-2-methylphenol	16.06	198	111636	48.975	ng	88
65) n-Nitrosodiphenylamine	16.16	169	591788	46.061	ng	99
66) 4-Bromophenyl-phenylether	16.83	248	198897	47.509	ng	# 81
67) Hexachlorobenzene	16.96	284	225554	48.214	ng	# 79
68) Atrazine	17.09	200	227588	53.854	ng	96
69) Pentachlorophenol	17.30	266	266524	92.071	ng	98
70) Phenanthrene	17.69	178	1082560	50.465	ng	99
71) Anthracene	17.78	178	1104183	52.414	ng	98
72) Carbazole	18.05	167	1054345	53.708	ng	98
73) Di-n-butylphthalate	18.57	149	1366878	51.659	ng	# 98
74) Fluoranthene	19.67	202	1320832	53.560	ng	98
76) Benzidine	19.84	184	566994	40.231	ng	99
77) Pyrene	20.03	202	1363631	45.509	ng	99
79) Butylbenzylphthalate	20.88	149	709294	48.970	ng	# 87
80) Benzo(a)anthracene	21.74	228	1550543	50.841	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	330234	30.137	ng	98
82) Chrysene	21.80	228	1436383	50.558	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1055263	49.309	ng	94
84) Di-n-octyl phthalate	22.54	149	1891582	54.206	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1894628	71.778	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1656351	50.785	ng	# 96
88) Benzo(k)fluoranthene	23.47	252	1594393	50.324	ng	98
89) Benzo(a)pyrene	24.06	252	1578492	54.981	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1623193	62.839	ng	98
91) Benzo(g,h,i)perylene	27.40	276	1487691	65.548	ng	# 94

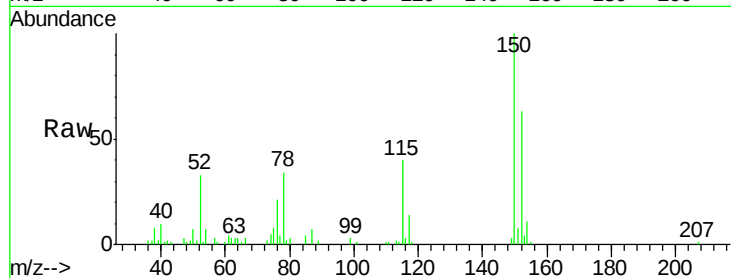
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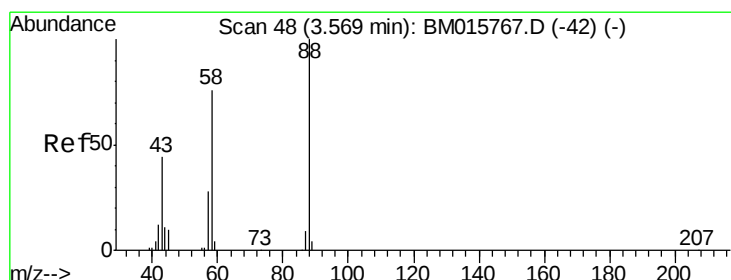
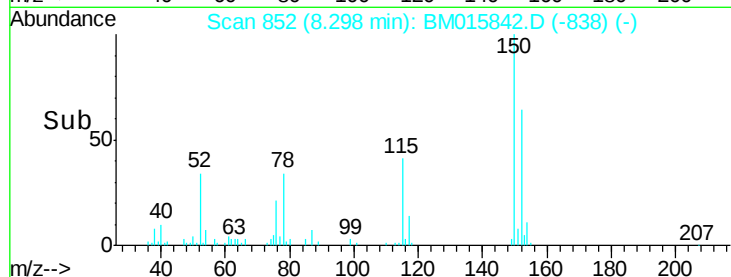
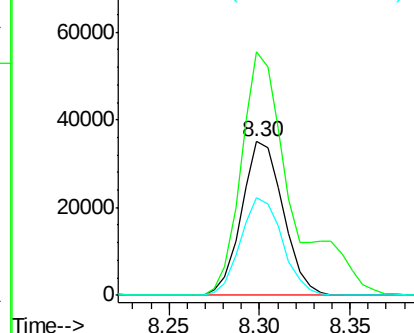
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tgt Ion:152 Resp: 55684
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.5 179.3
 115 63.6 43.0 64.4

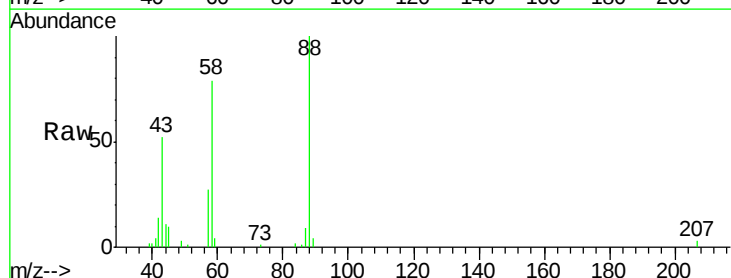


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

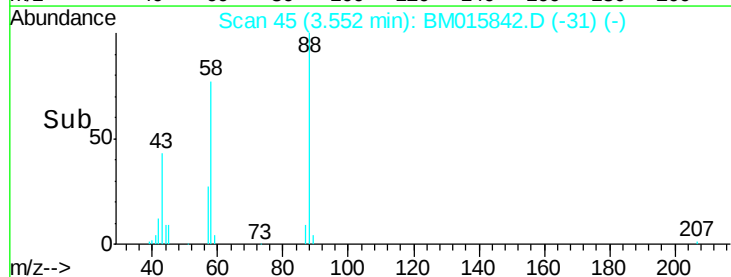
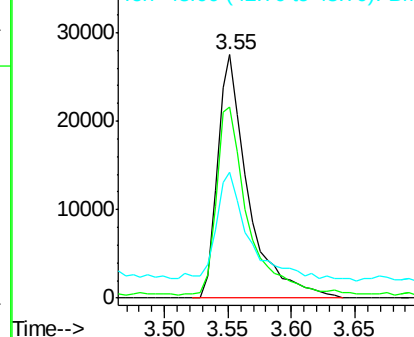


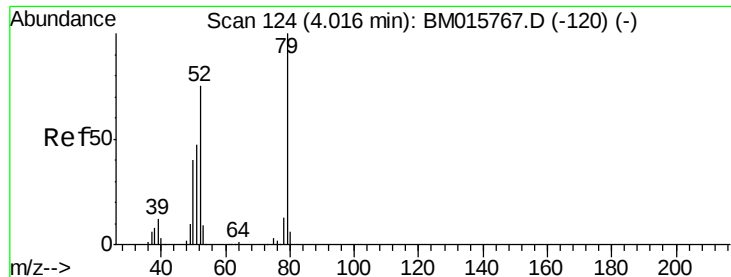
#2
 1,4-Dioxane
 Concen: 34.710 ng
 RT: 3.55 min Scan# 45
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion: 88 Resp: 46610
 Ion Ratio Lower Upper
 88 100
 58 78.9 0.0 0.0#
 43 44.3 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

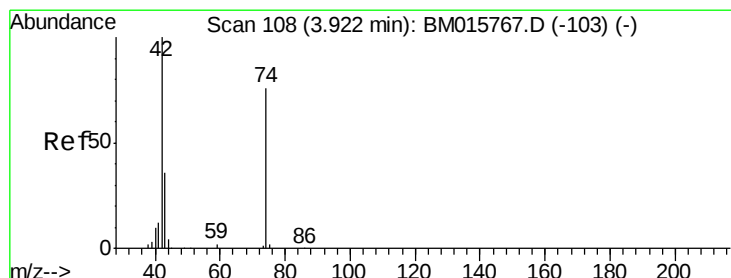
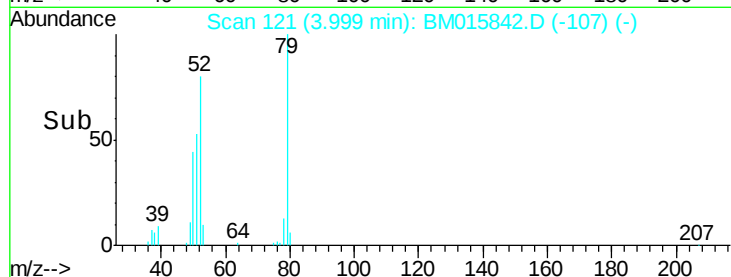
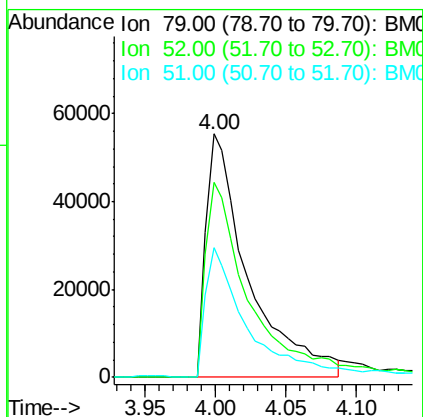
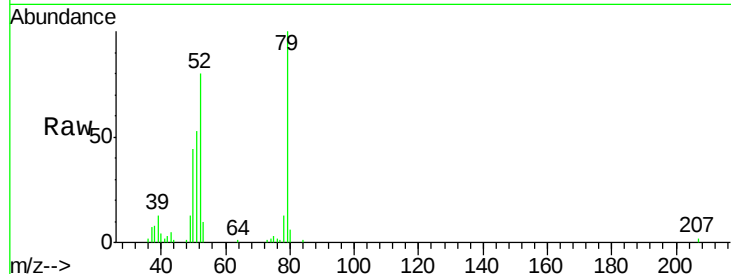




#3
 Pyridine
 Concen: 32.698 ng
 RT: 4.00 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

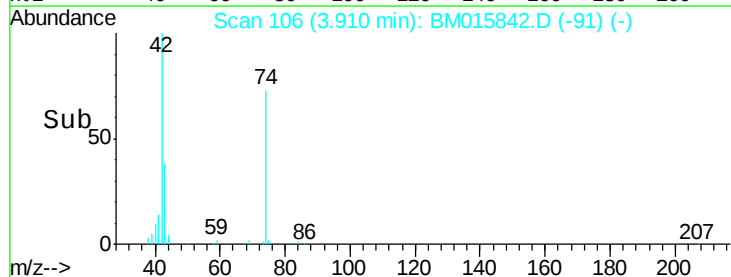
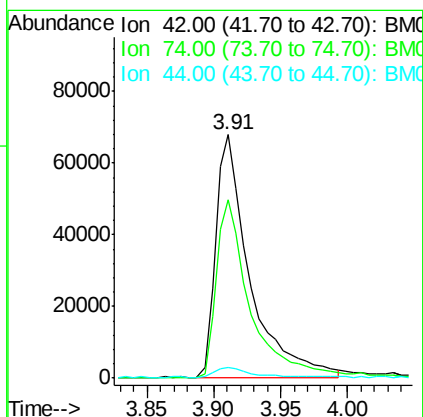
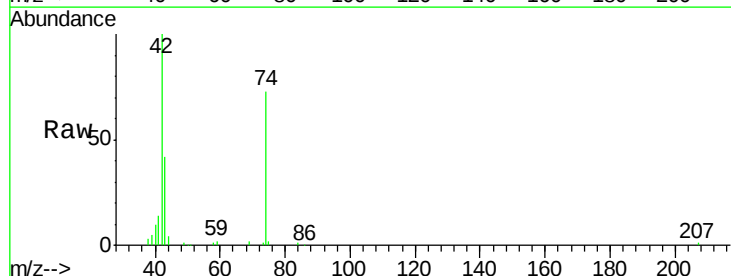
Instrument :
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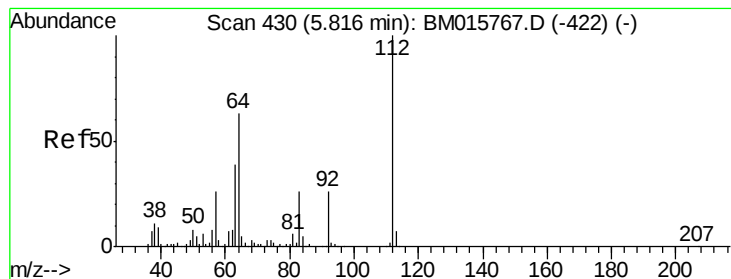
Tgt Ion: 79 Resp: 115866
 Ion Ratio Lower Upper
 79 100
 52 80.2 51.1 76.7#
 51 53.3 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 44.211 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion: 42 Resp: 121988
 Ion Ratio Lower Upper
 42 100
 74 73.1 119.3 178.9#
 44 4.3 5.4 8.2#

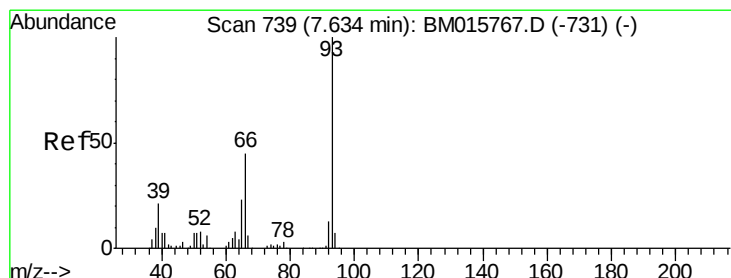
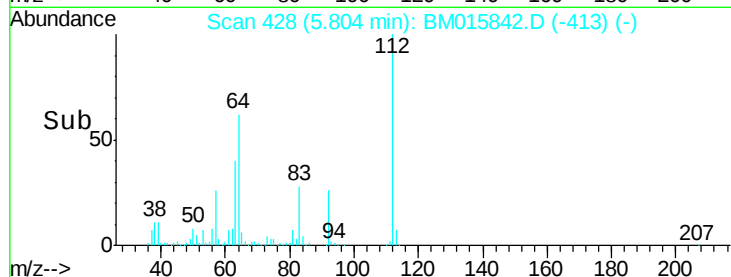
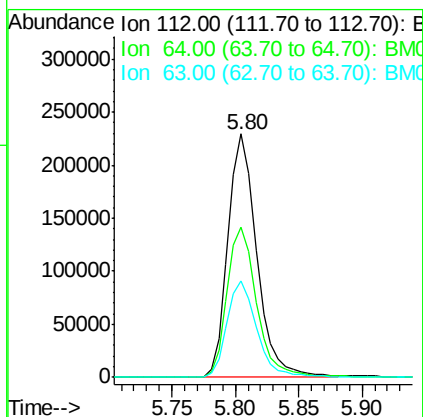
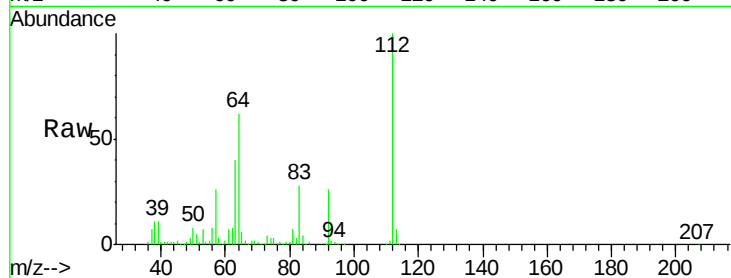




#5
 2-Fluorophenol
 Concen: 44.211 ng
 RT: 5.80 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

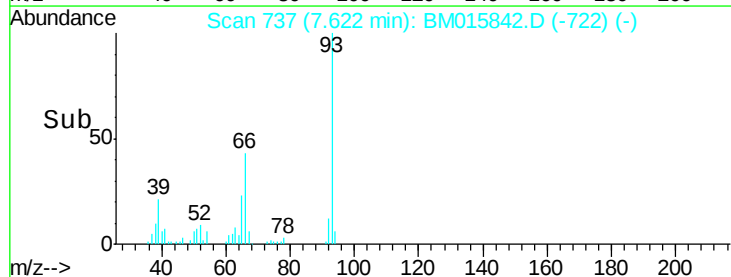
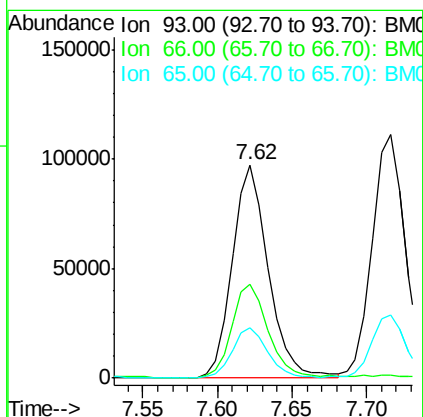
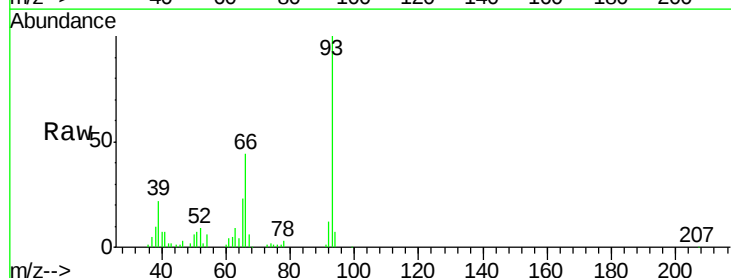
Instrument :
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 ClientSampleId :
 PB110790BSD

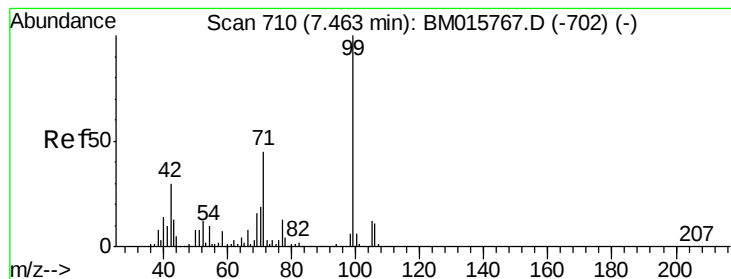
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	39.7	19.3	28.9#



#6
 Aniline
 Concen: 30.364 ng
 RT: 7.62 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.1	30.8	46.2
65	23.4	16.0	24.0





#7

Phenol-d6

Concen: 30.364 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

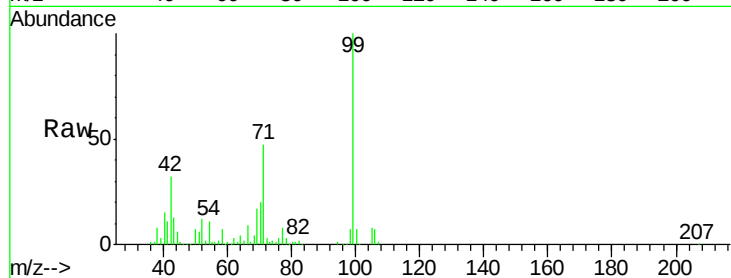
Tgt Ion: 99 Resp: 495036

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

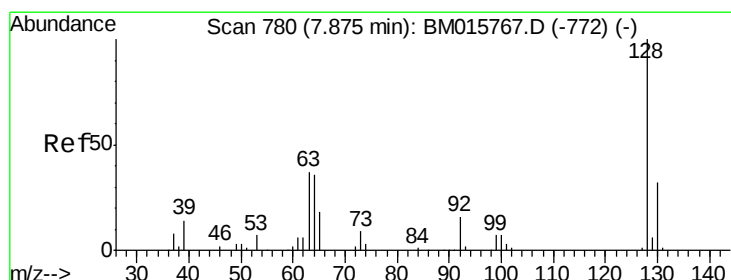
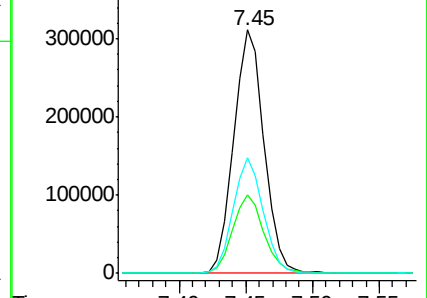
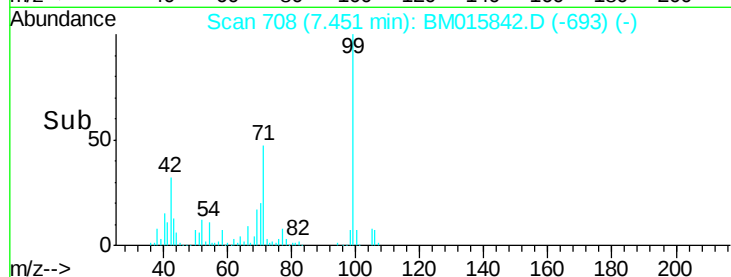
71 47.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015842.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015842.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015842.D (-693) (-)



#8

2-Chlorophenol

Concen: 55.222 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

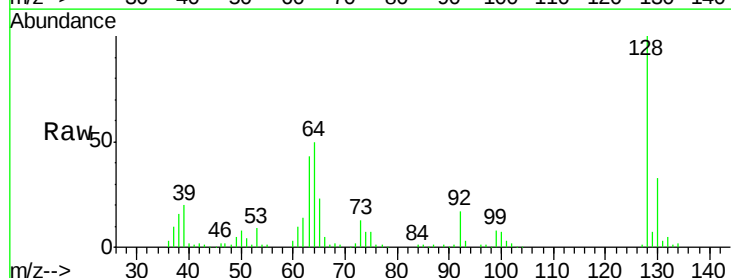
Tgt Ion: 128 Resp: 215193

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

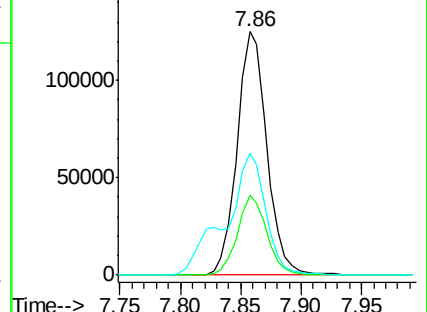
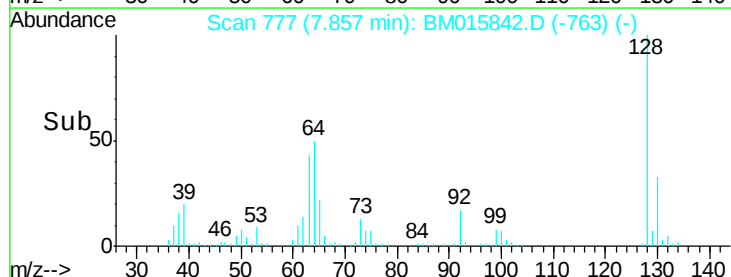
64 49.9 24.9 64.9

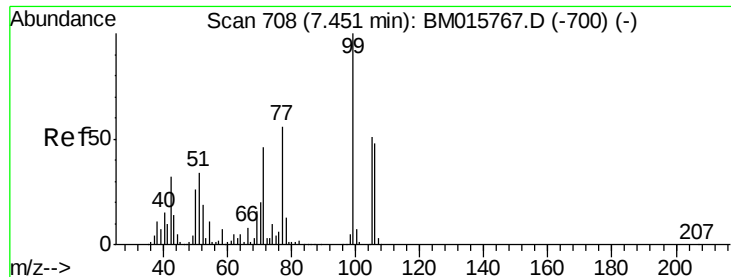


Abundance Ion 128.00 (127.70 to 128.70): BM015842.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015842.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015842.D (-763) (-)

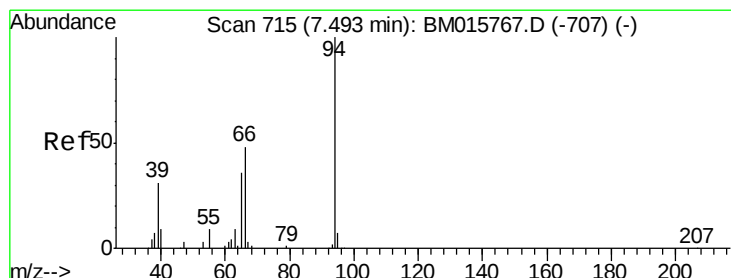
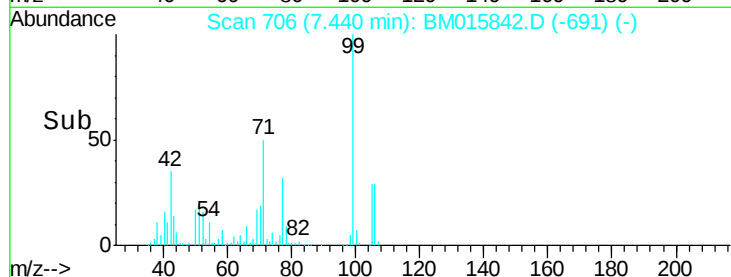
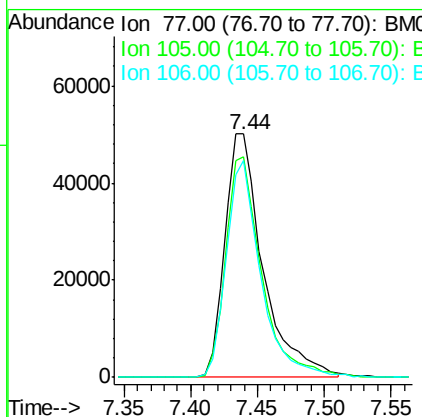
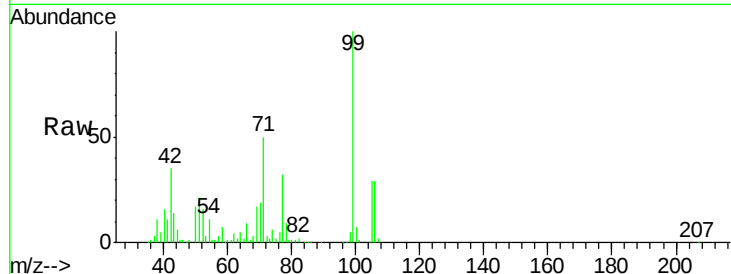




#9
Benzaldehyde
Concen: 35.874 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

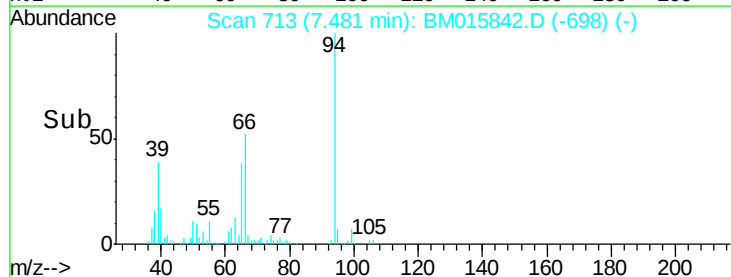
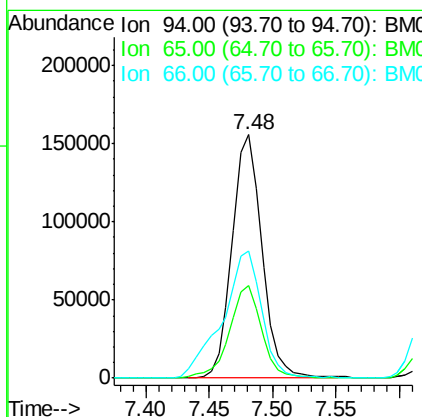
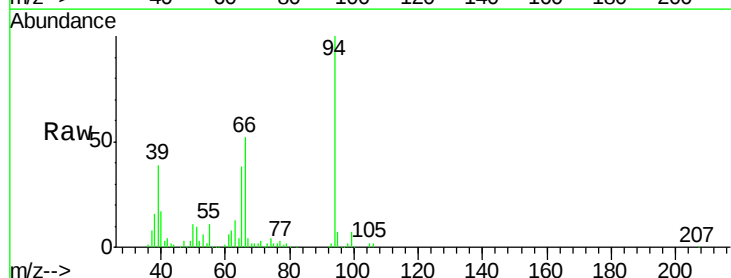
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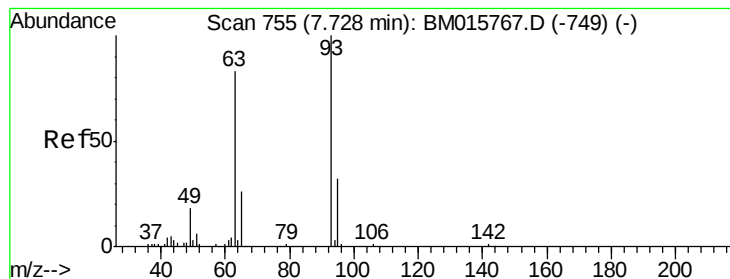
Tgt Ion: 77 Resp: 100507
Ion Ratio Lower Upper
77 100
105 90.4 78.8 118.8
106 88.8 73.7 113.7



#10
Phenol
Concen: 57.024 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion: 94 Resp: 254696
Ion Ratio Lower Upper
94 100
65 38.2 18.8 58.8
66 52.4 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 46.558 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

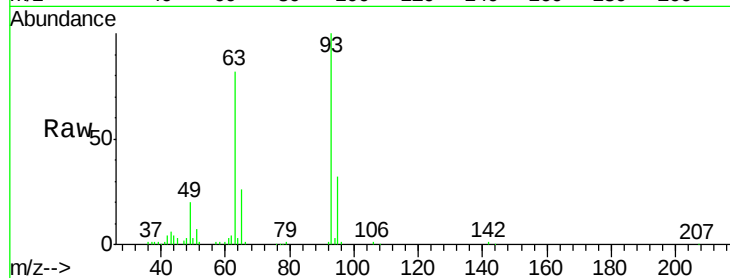
Tgt Ion: 93 Resp: 169162

Ion Ratio Lower Upper

93 100

63 82.3 49.5 89.5

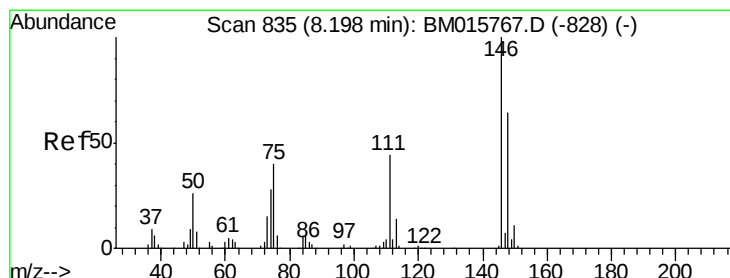
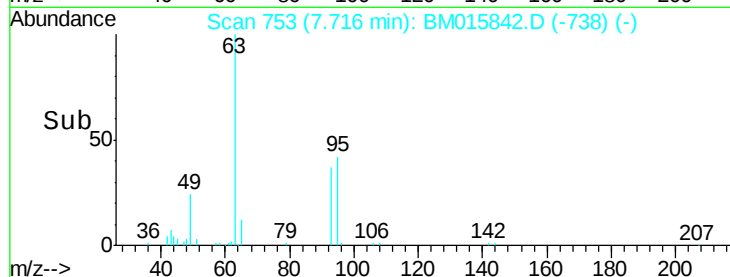
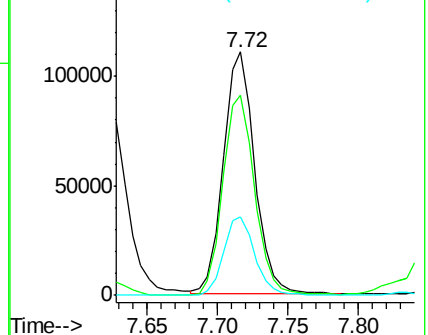
95 32.1 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM015767.D (-749) (-)

Ion 63.00 (62.70 to 63.70): BM015767.D (-749) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-749) (-)



#12

1,3-Dichlorobenzene

Concen: 45.156 ng

RT: 8.19 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

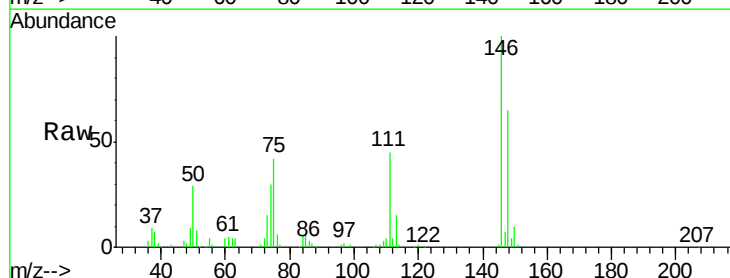
Tgt Ion: 146 Resp: 195099

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

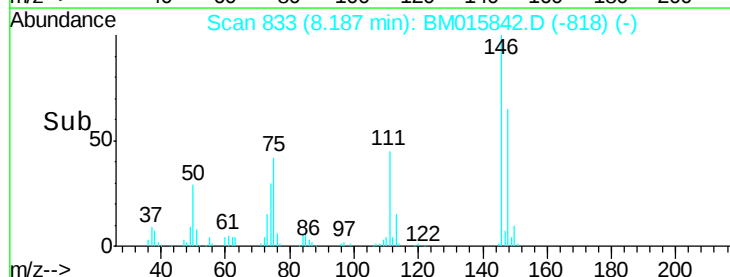
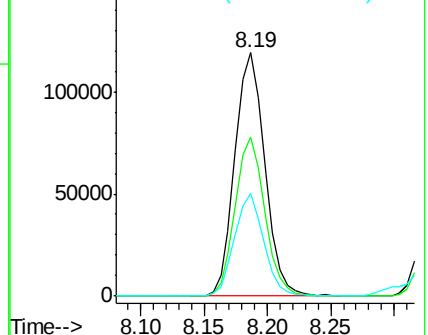
75 42.1 21.4 32.2#

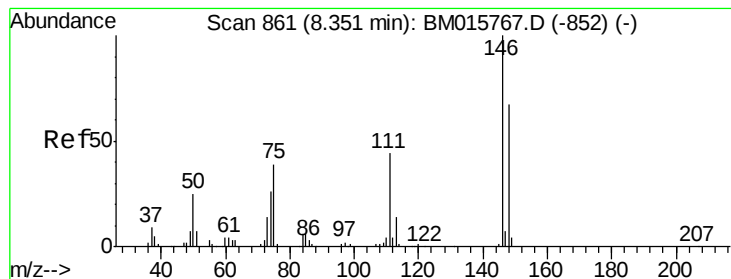


Abundance Ion 146.00 (145.70 to 146.70): BM015767.D (-828) (-)

Ion 148.00 (147.70 to 148.70): BM015767.D (-828) (-)

Ion 75.00 (74.70 to 75.70): BM015767.D (-828) (-)





#13

1,4-Dichlorobenzene

Concen: 44.969 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

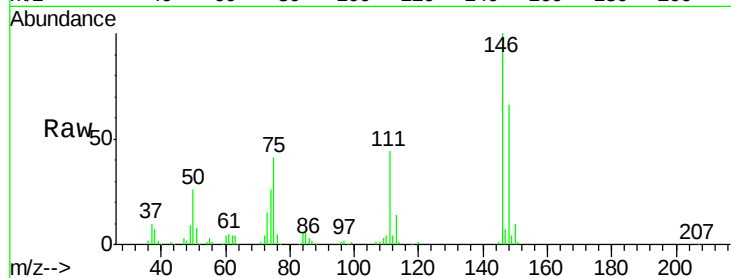
Tgt Ion:146 Resp: 200917

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

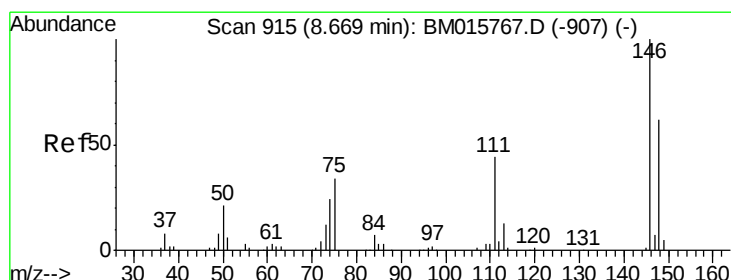
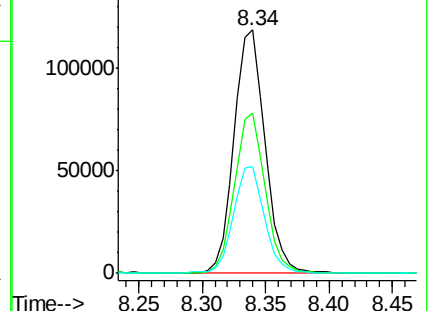
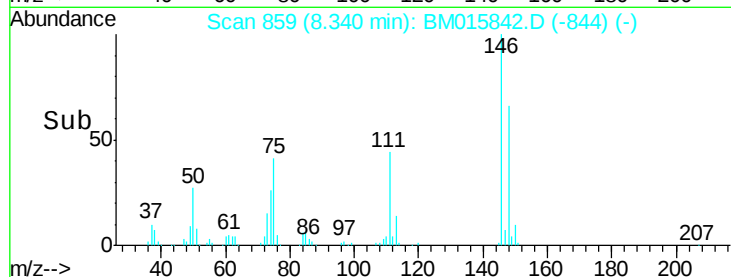
111 43.7 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.047 ng

RT: 8.66 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

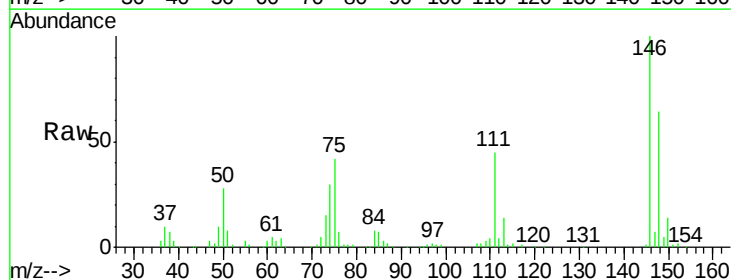
Tgt Ion:146 Resp: 198969

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

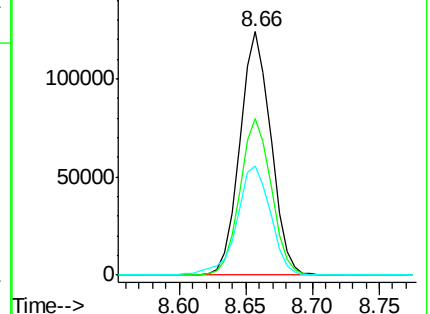
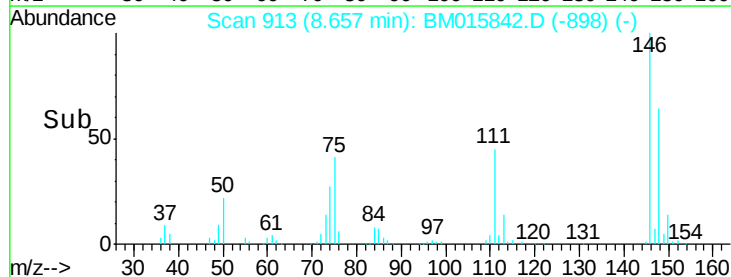
111 44.9 30.6 45.8

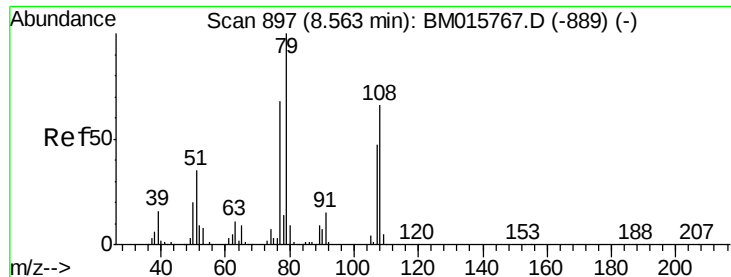


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.103 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

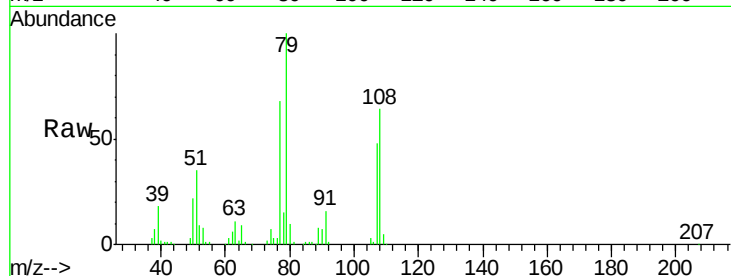
Tgt Ion: 79 Resp: 197211

Ion Ratio Lower Upper

79 100

108 63.5 65.0 97.4#

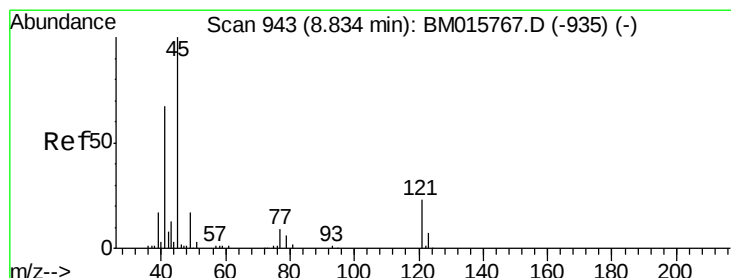
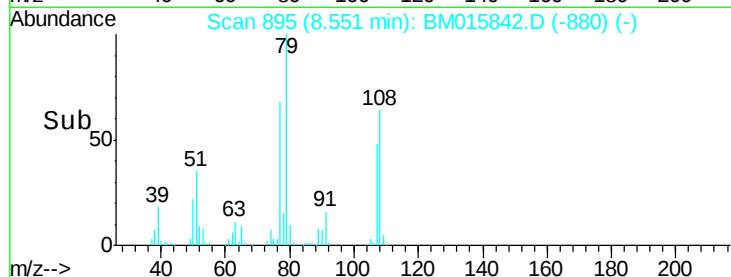
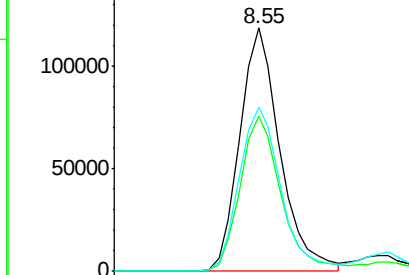
77 67.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015767.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-889) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 68.922 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

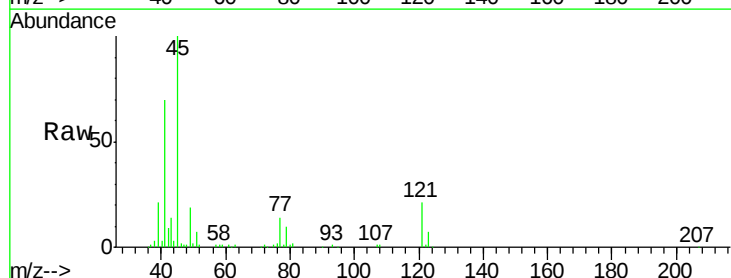
Tgt Ion: 45 Resp: 273487

Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

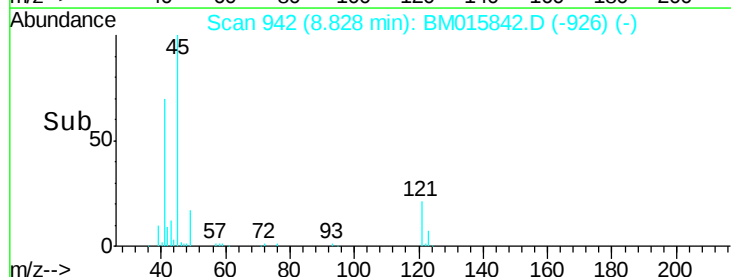
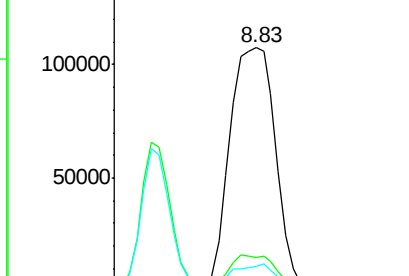
79 10.3 0.0 32.0

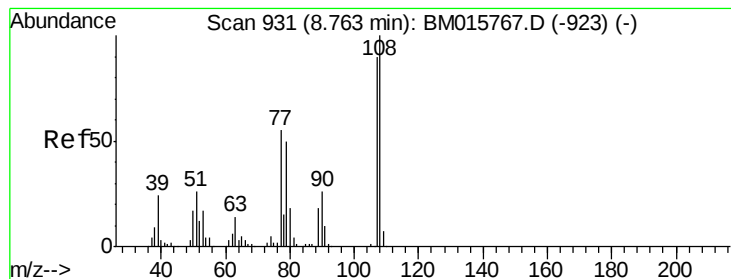


Abundance Ion 45.00 (44.70 to 45.70): BM015767.D (-935) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-935) (-)

Ion 79.00 (78.70 to 79.70): BM015767.D (-935) (-)





#17

2-Methylphenol

Concen: 57.433 ng

RT: 8.75 min Scan# 928

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tgt Ion:107 Resp: 177722

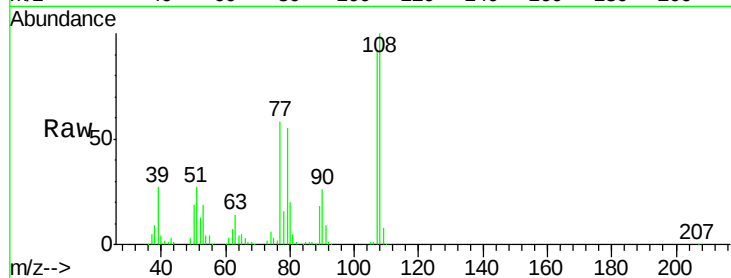
Ion Ratio Lower Upper

107 100

108 108.4 89.8 134.8

77 62.4 32.6 48.8#

79 59.6 32.8 49.2#



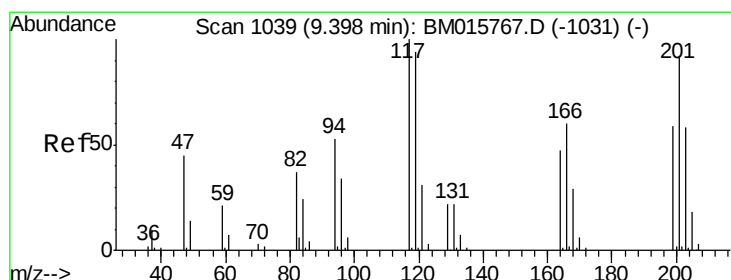
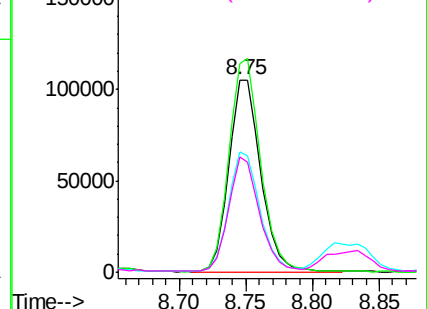
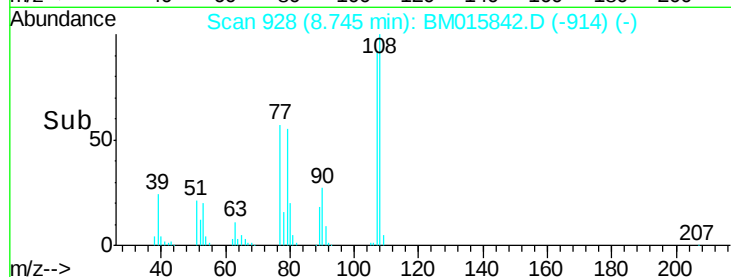
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 46.604 ng

RT: 9.39 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

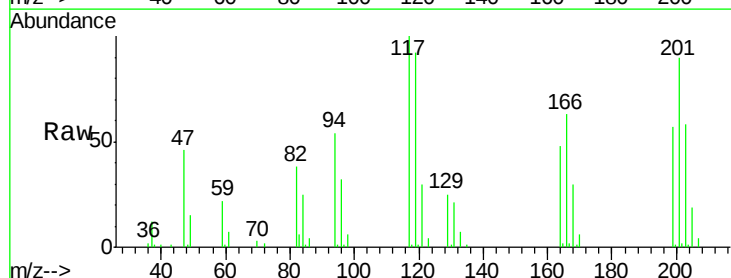
Tgt Ion:117 Resp: 82335

Ion Ratio Lower Upper

117 100

119 92.3 79.2 118.8

201 90.1 69.8 104.6

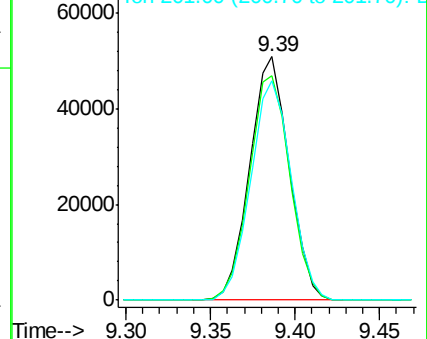
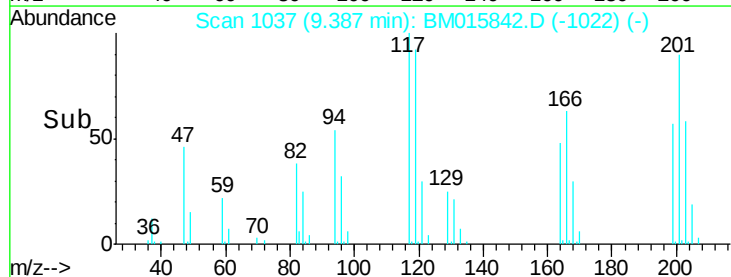


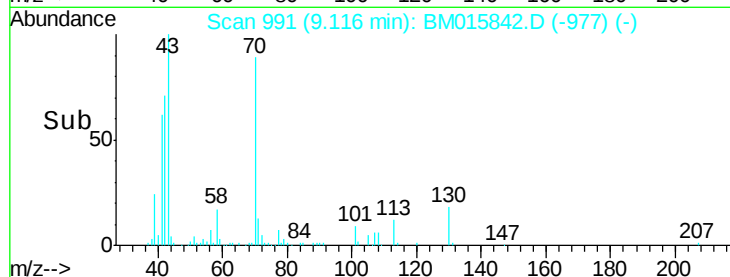
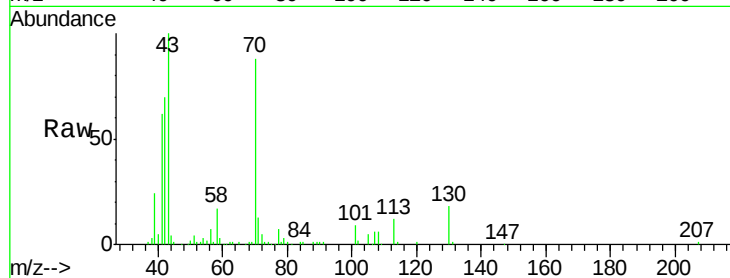
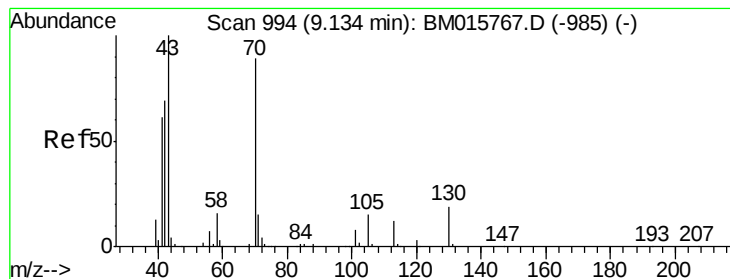
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.566 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tgt Ion: 70 Resp: 166354

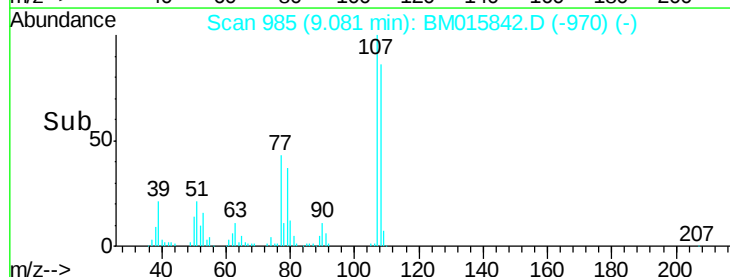
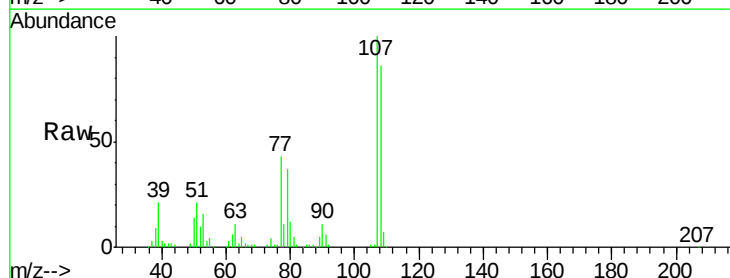
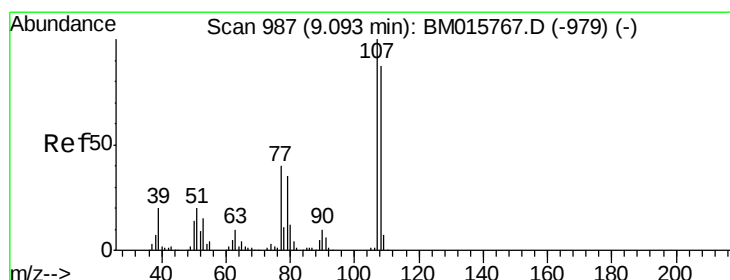
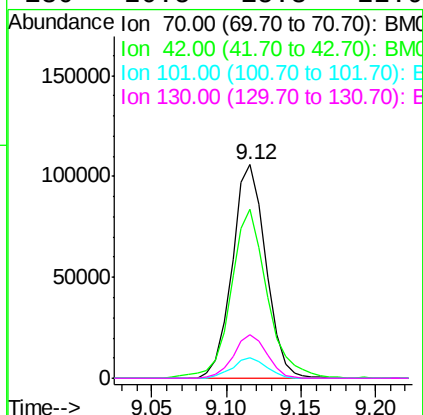
Ion Ratio Lower Upper

70 100

42 79.2 44.5 66.7#

101 9.8 7.4 11.2

130 20.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 55.637 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion: 107 Resp: 239143

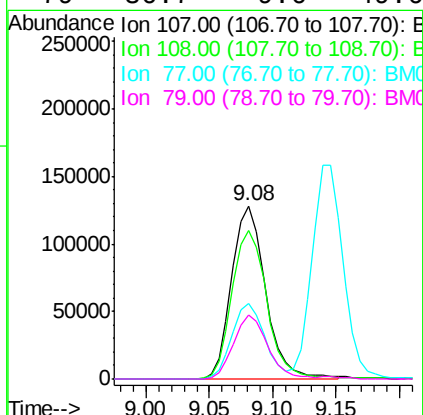
Ion Ratio Lower Upper

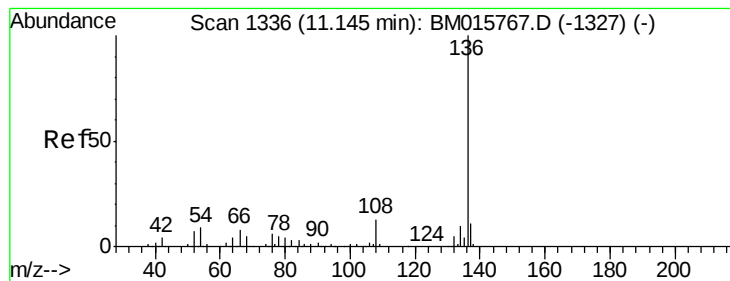
107 100

108 85.7 73.2 113.2

77 43.3 10.7 50.7

79 36.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tgt Ion:136 Resp: 254893

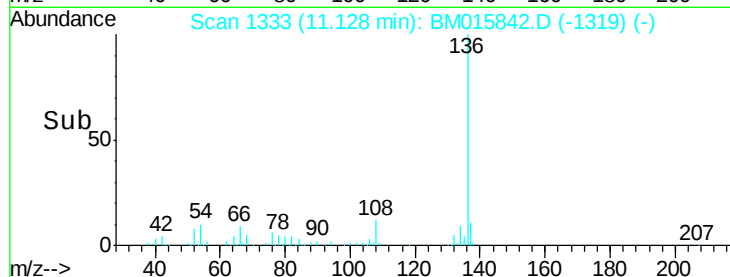
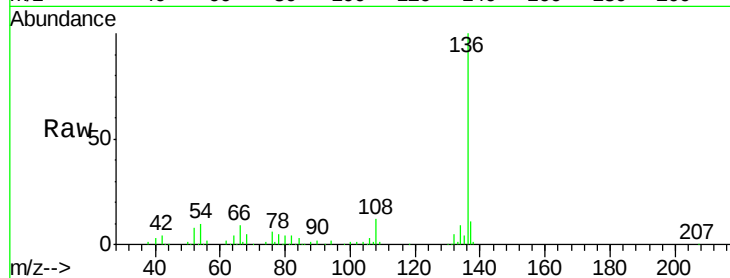
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 4.6 6.8#

68 4.7 3.7 5.5

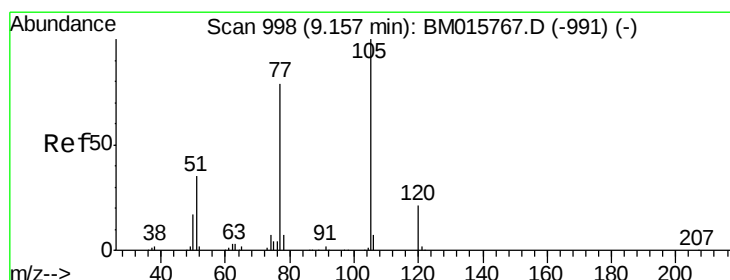
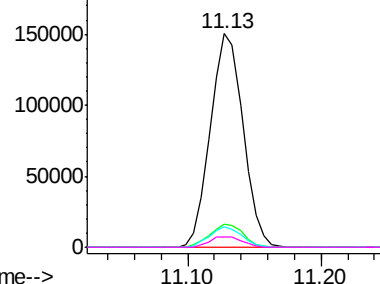


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.383 ng

RT: 9.15 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:105 Resp: 307984

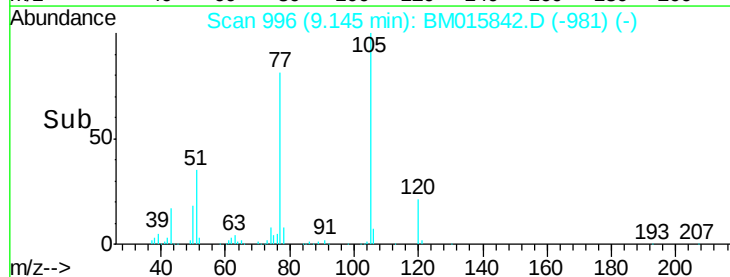
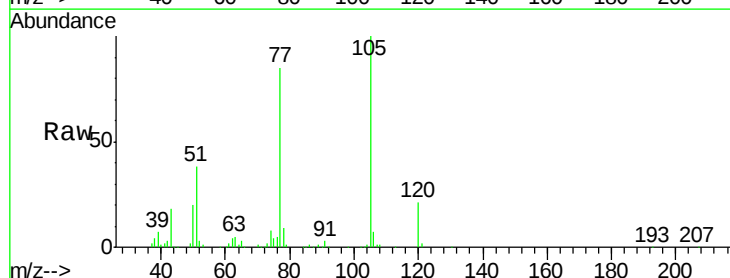
Ion Ratio Lower Upper

105 100

71 0.3 0.6 1.0#

51 37.5 21.6 32.4#

120 21.5 16.1 24.1

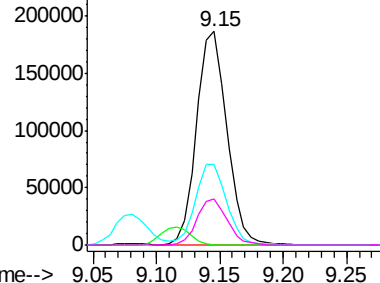


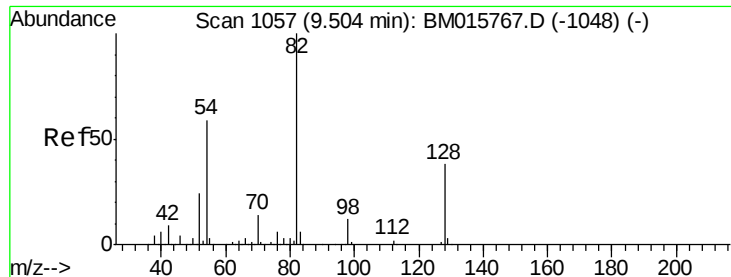
Abundance Ion 105.00 (104.70 to 105.70): E

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

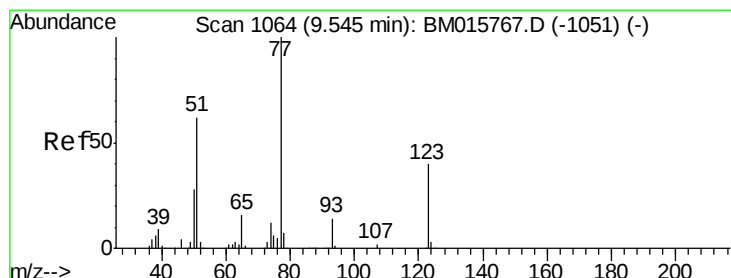
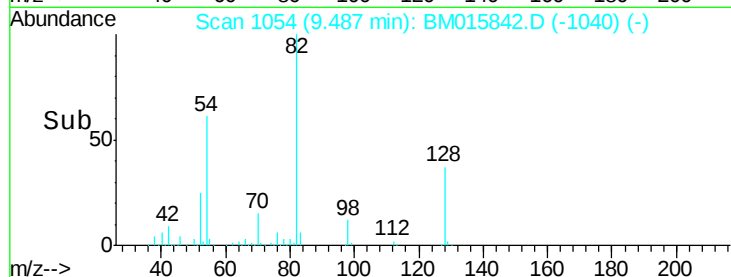
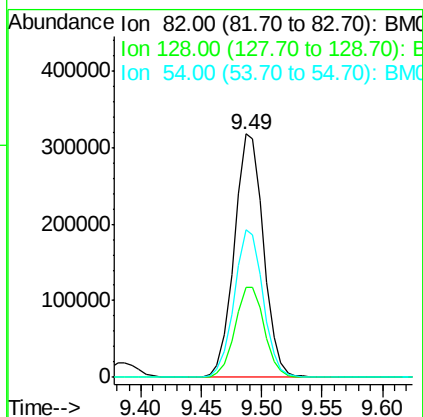
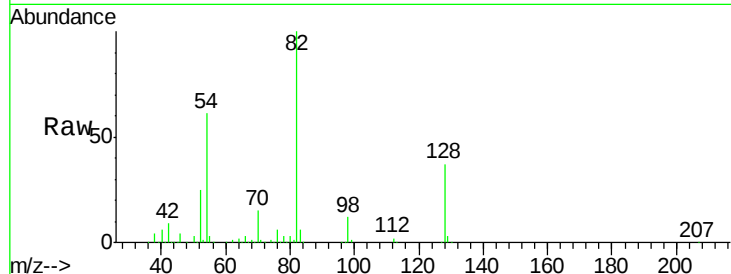




#23
 Nitrobenzene-d5
 Concen: 46.383 ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

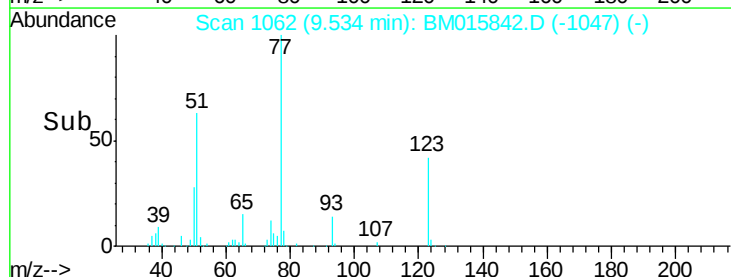
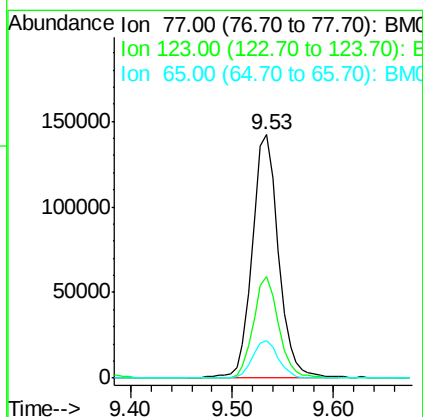
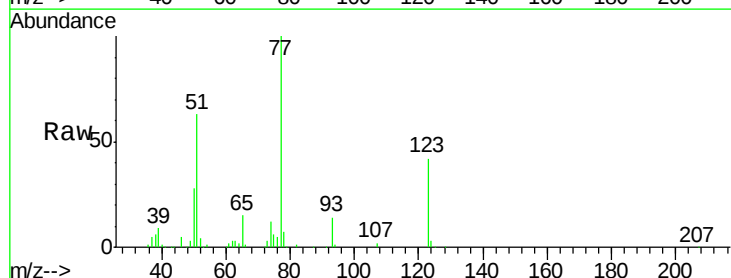
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

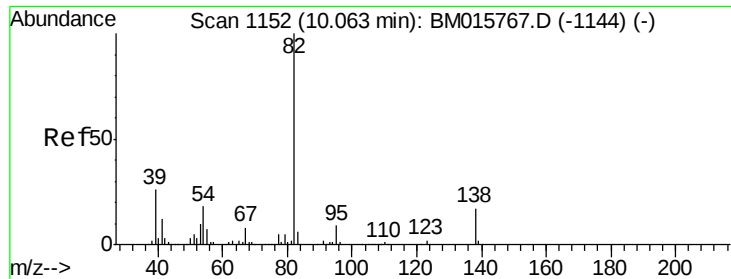
Tgt Ion: 82 Resp: 535378
 Ion Ratio Lower Upper
 82 100
 128 36.8 32.8 49.2
 54 60.8 40.6 60.8



#24
 Nitrobenzene
 Concen: 50.605 ng
 RT: 9.53 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion: 77 Resp: 257340
 Ion Ratio Lower Upper
 77 100
 123 41.8 32.6 49.0
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 55.514 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

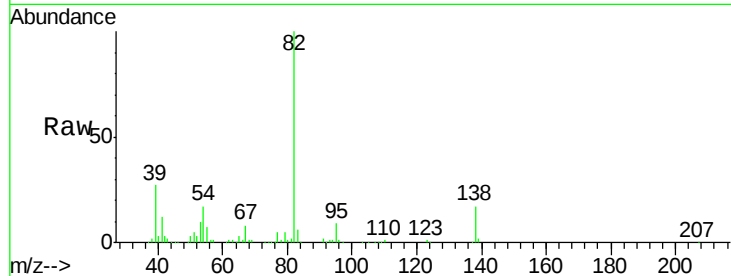
Tgt Ion: 82 Resp: 442655

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

138 17.0 16.3 24.5

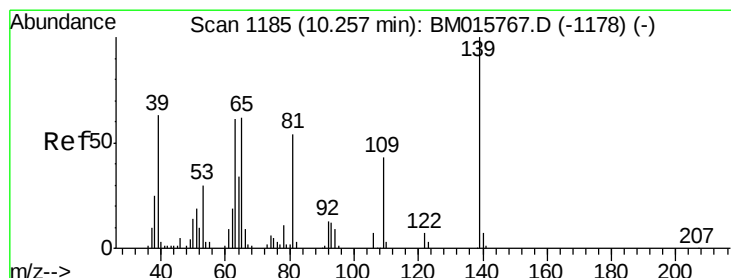
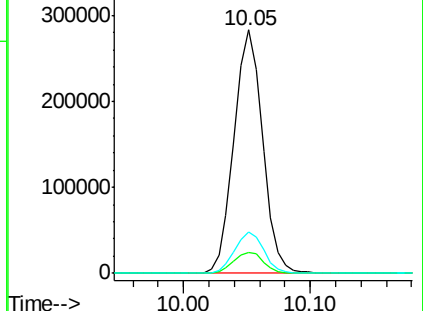
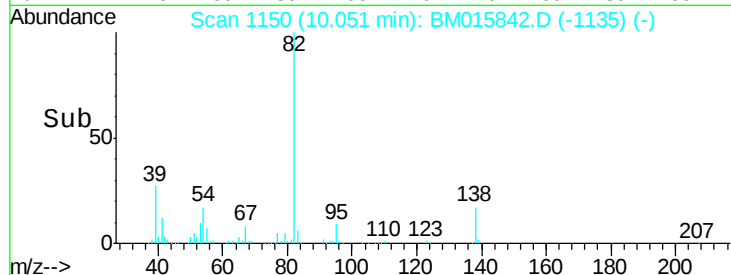


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)

Time-->



#26

2-Nitrophenol

Concen: 50.693 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

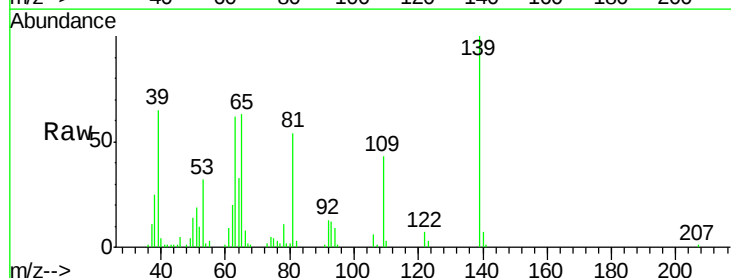
Tgt Ion: 139 Resp: 111006

Ion Ratio Lower Upper

139 100

109 42.6 20.1 30.1#

65 63.3 31.5 47.3#

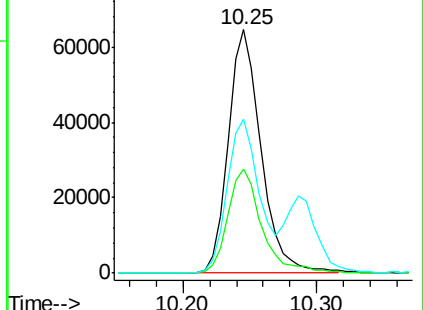
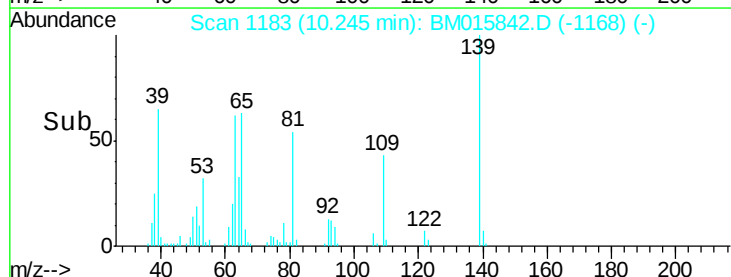


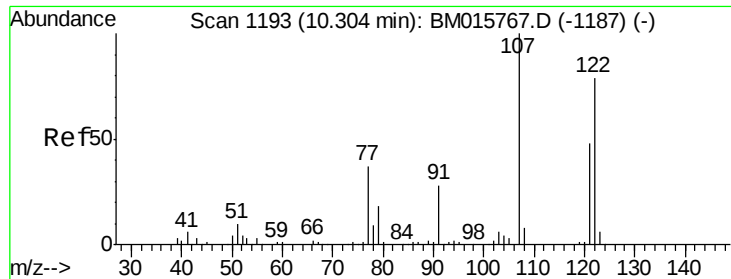
Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)

Time-->

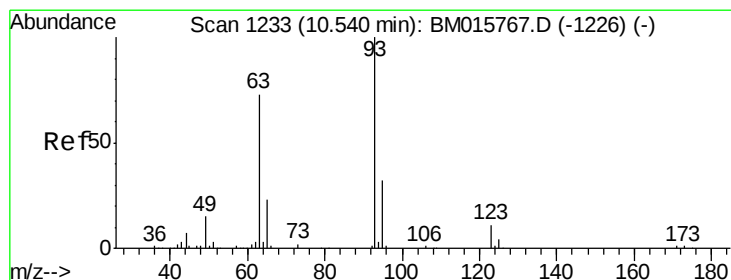
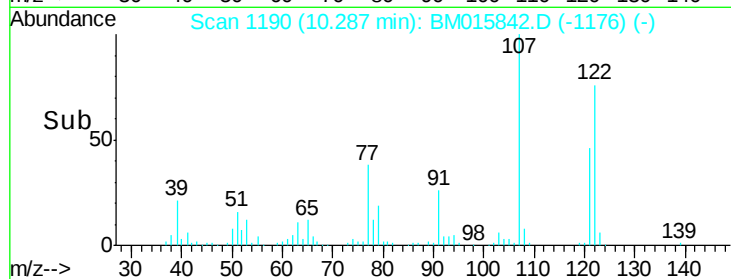
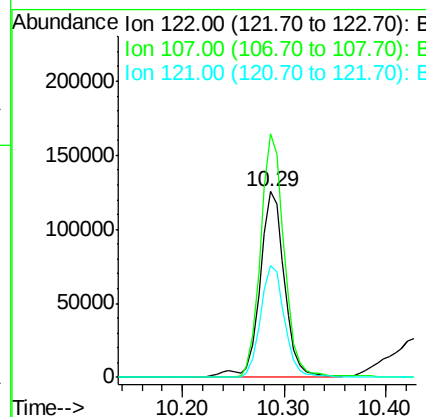
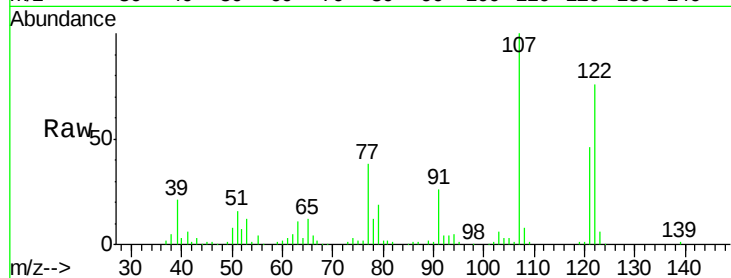




#27
2,4-Dimethylphenol
Concen: 64.057 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

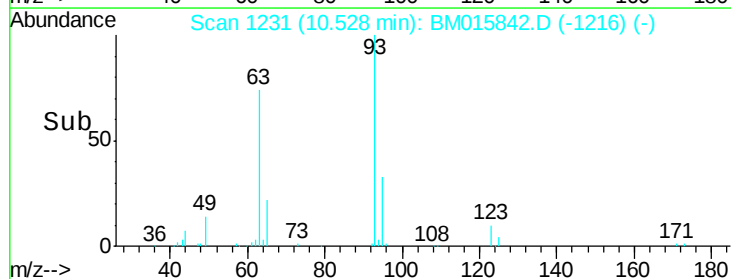
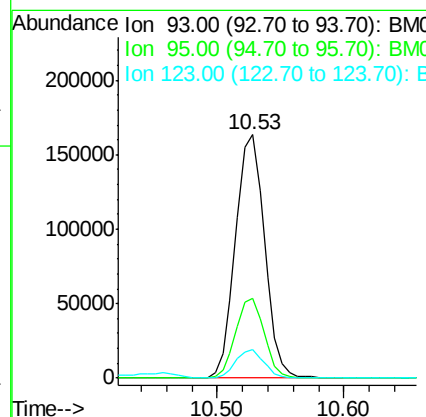
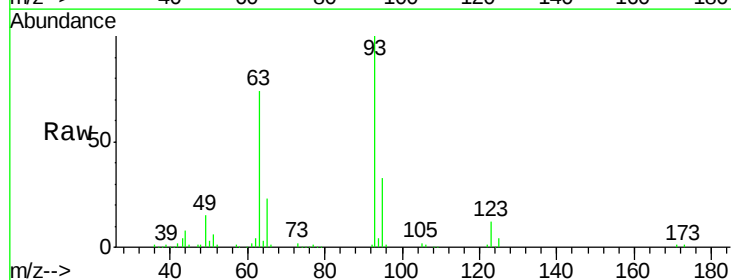
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

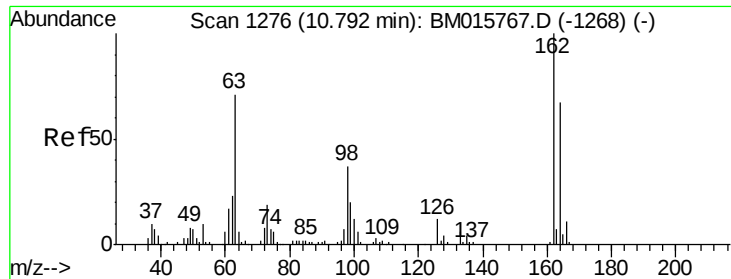
Tgt Ion: 122 Resp: 213093
Ion Ratio Lower Upper
122 100
107 131.2 84.7 127.1#
121 60.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.073 ng
RT: 10.53 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion: 93 Resp: 260123
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 11.6 8.6 13.0

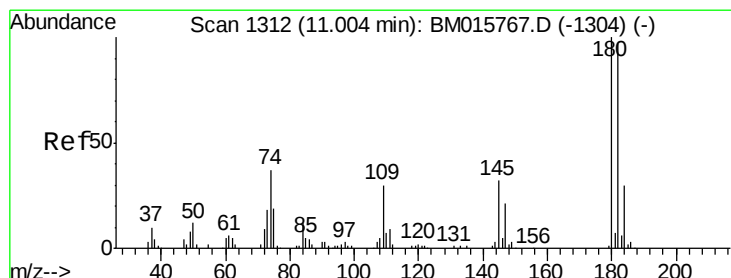
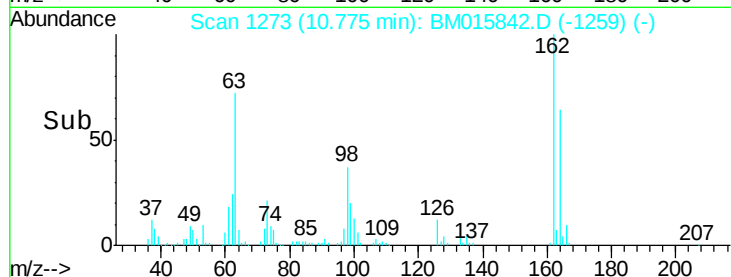
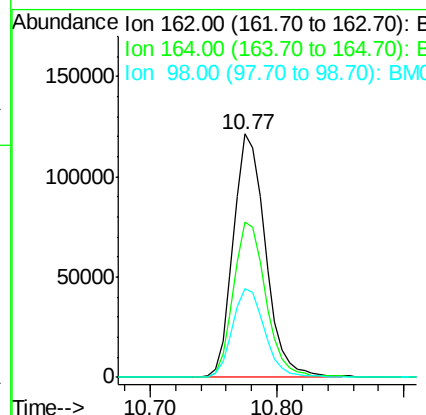
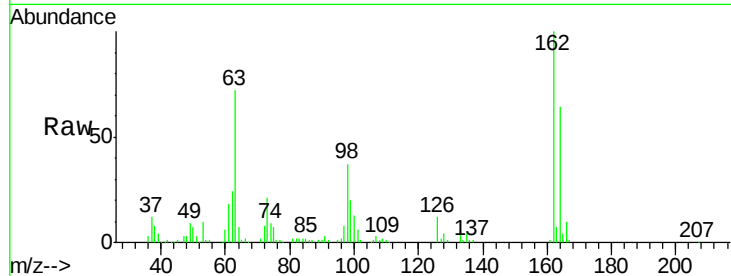




#29
2,4-Dichlorophenol
Concen: 58.091 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

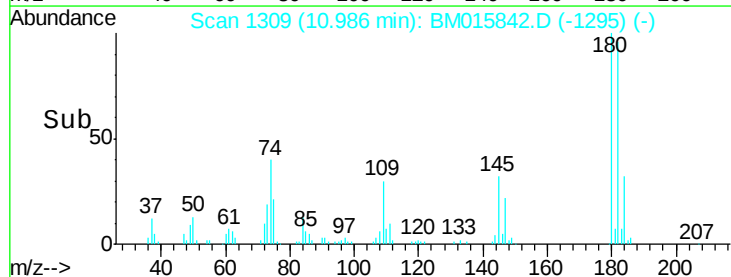
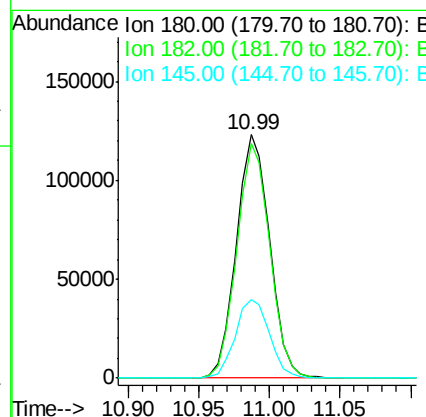
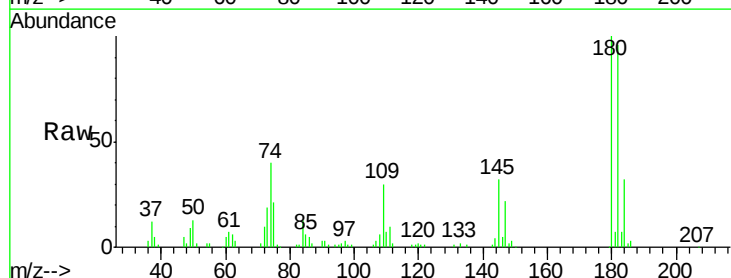
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

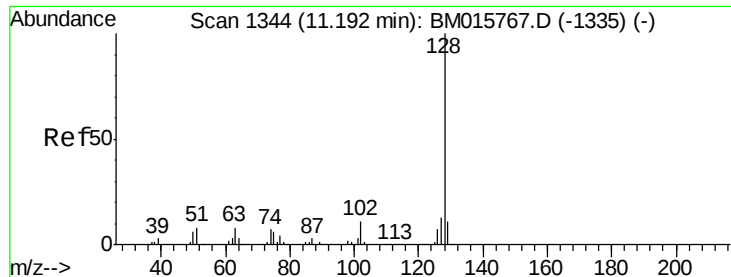
Tgt Ion:162 Resp: 214026
Ion Ratio Lower Upper
162 100
164 63.6 42.8 82.8
98 36.7 14.5 54.5



#30
1,2,4-Trichlorobenzene
Concen: 47.318 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:180 Resp: 202489
Ion Ratio Lower Upper
180 100
182 96.4 77.6 116.4
145 32.5 23.4 35.2

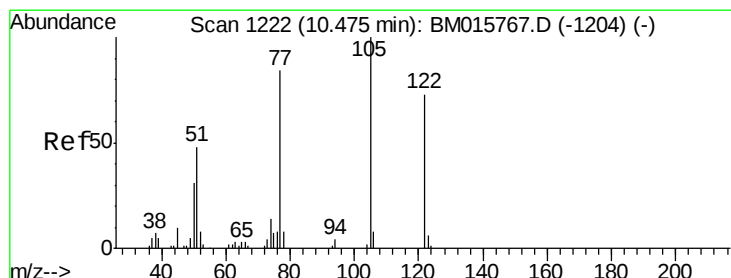
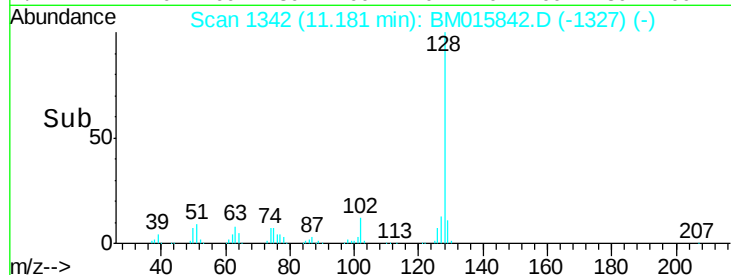
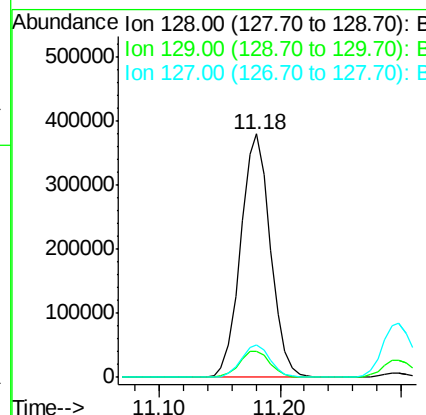
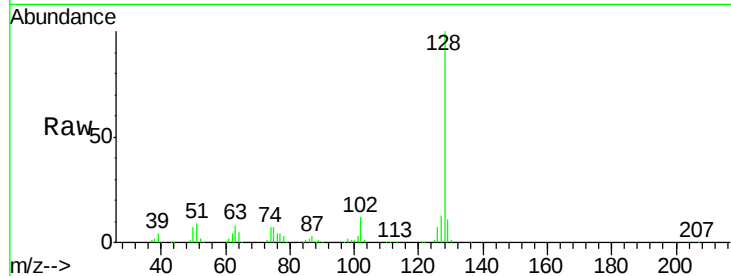




#31
Naphthalene
Concen: 49.216 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

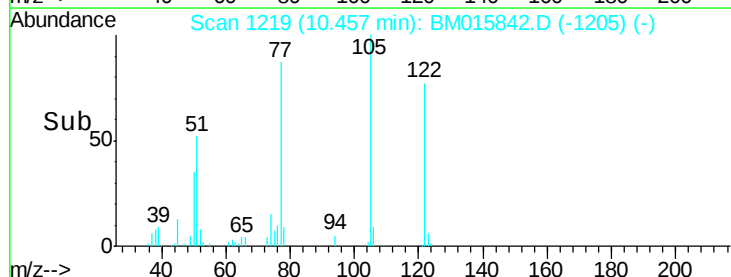
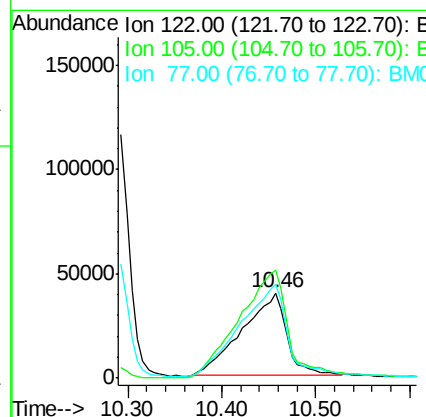
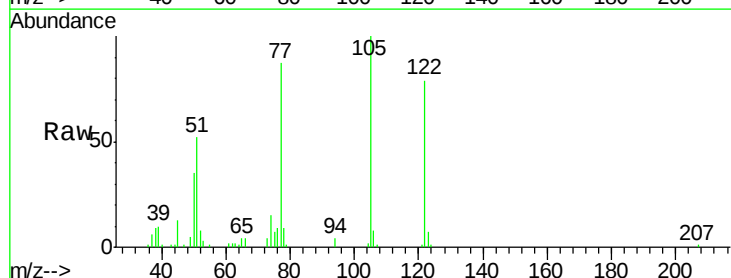
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

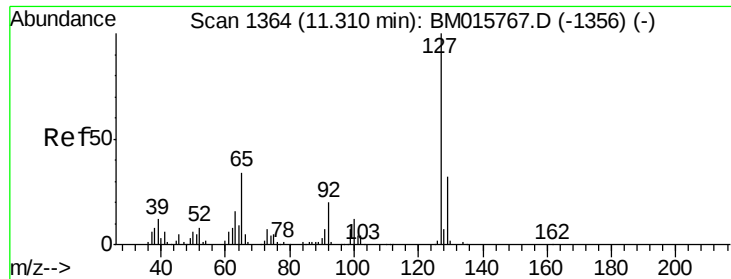
Tgt Ion:128 Resp: 650399
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 44.333 ng
RT: 10.46 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:122 Resp: 130571
Ion Ratio Lower Upper
122 100
105 126.1 99.9 139.9
77 109.8 73.7 113.7

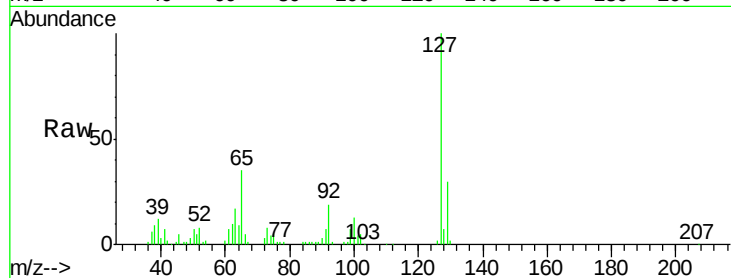




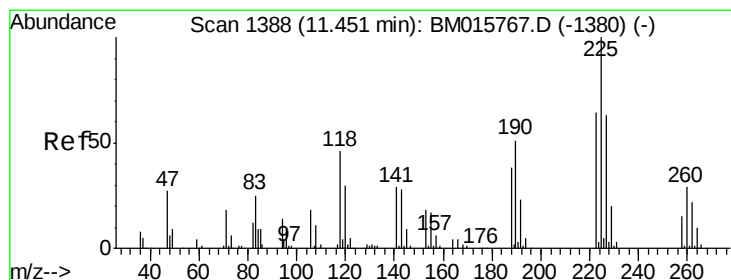
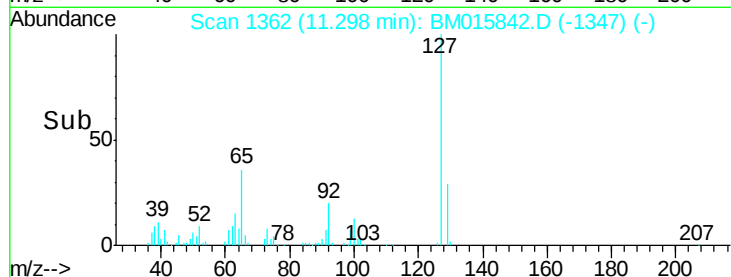
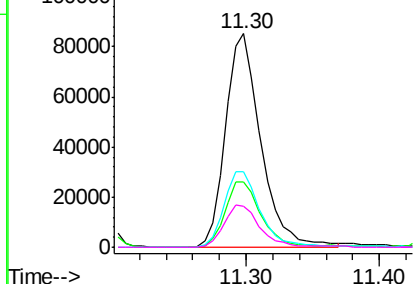
#33
4-Chloroaniline
Concen: 29.340 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tgt Ion:	127	Resp:	158084
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.3	37.9
65	35.1	17.6	26.4
92	19.4	13.1	19.7

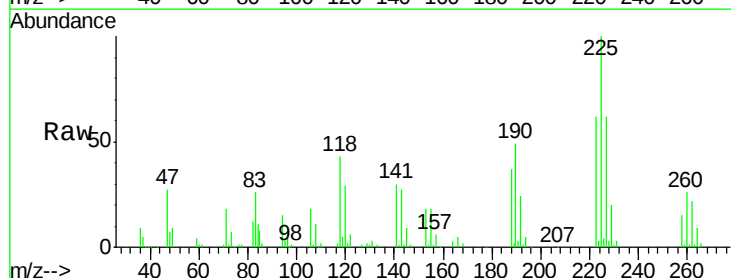


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

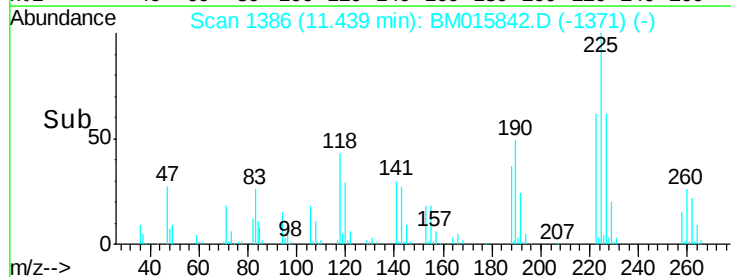
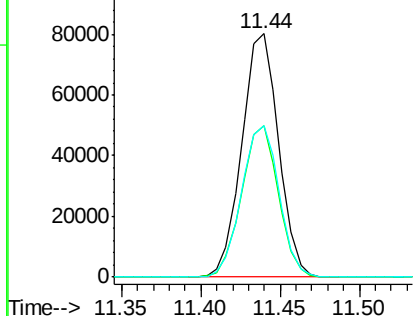


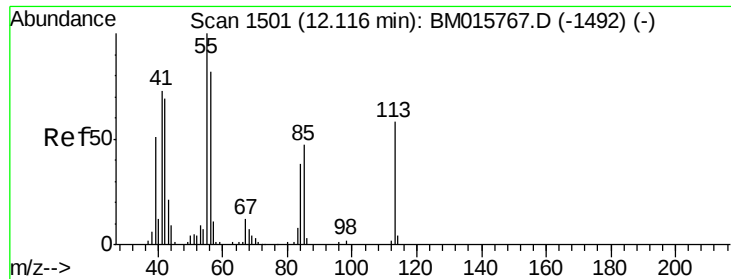
#34
Hexachlorobutadiene
Concen: 45.272 ng
RT: 11.44 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:	225	Resp:	129293
Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.9	71.9
227	62.0	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

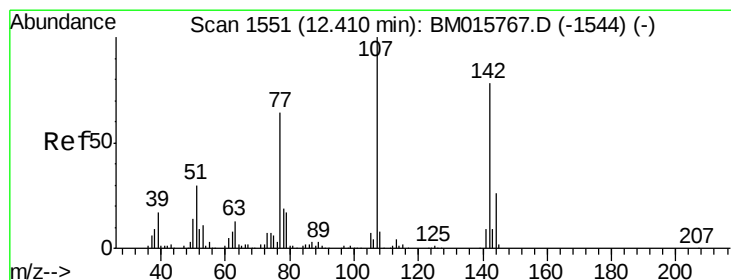
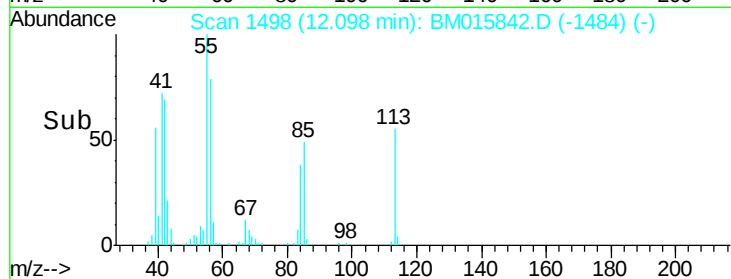
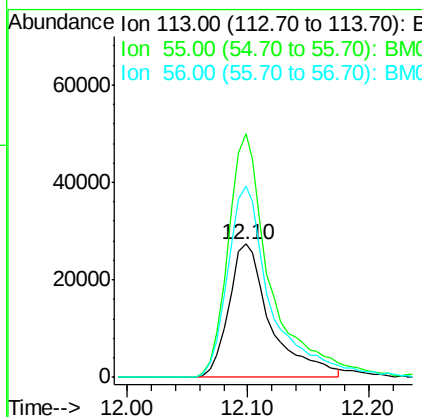
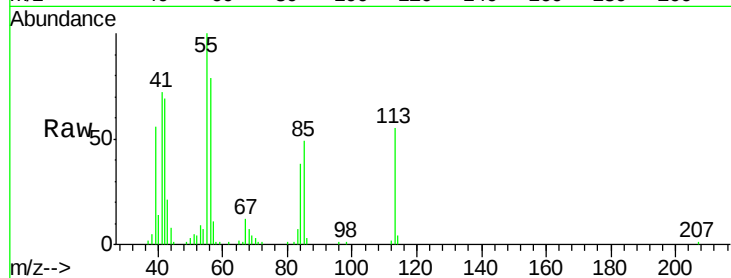




#35
 Caprolactam
 Concen: 54.341 ng
 RT: 12.10 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

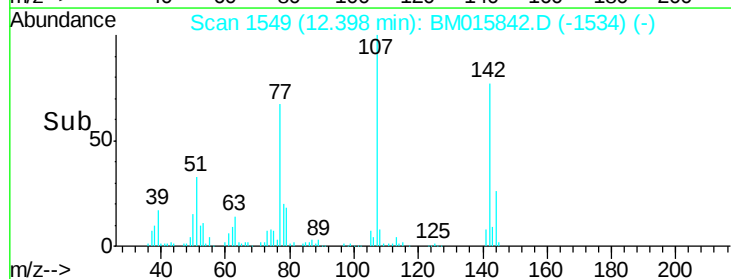
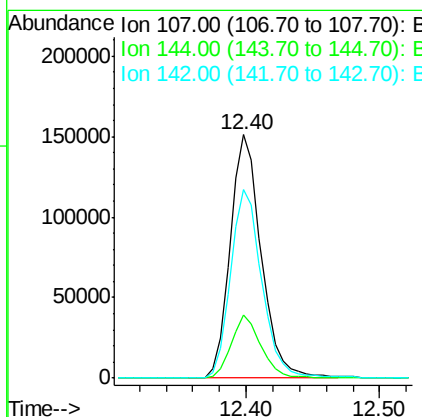
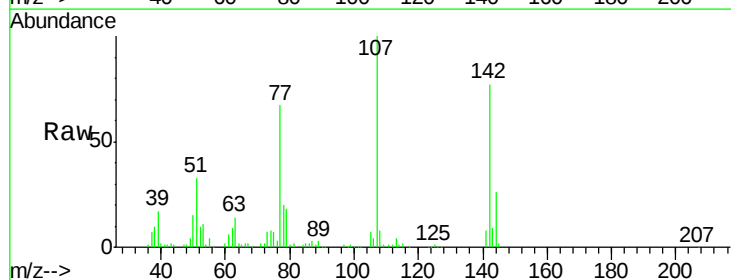
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

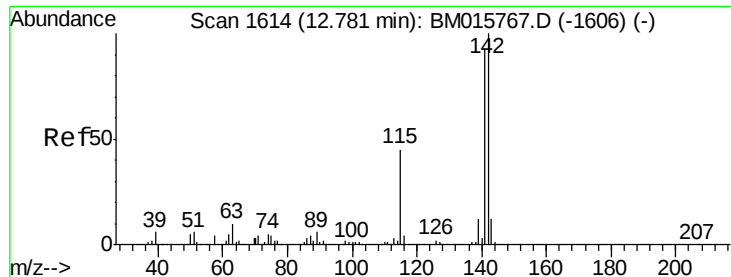
Tgt Ion:113 Resp: 66398
 Ion Ratio Lower Upper
 113 100
 55 182.8 145.9 185.9
 56 143.9 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 57.992 ng
 RT: 12.40 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:107 Resp: 245158
 Ion Ratio Lower Upper
 107 100
 144 25.7 23.3 34.9
 142 77.2 72.6 109.0

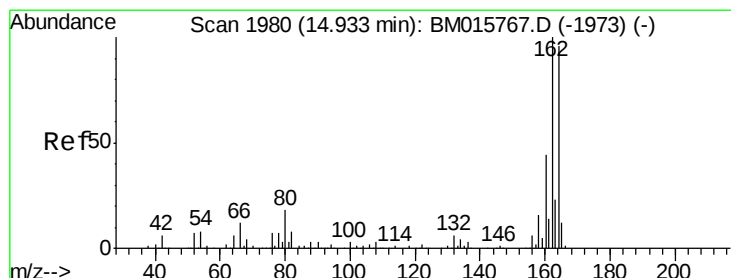
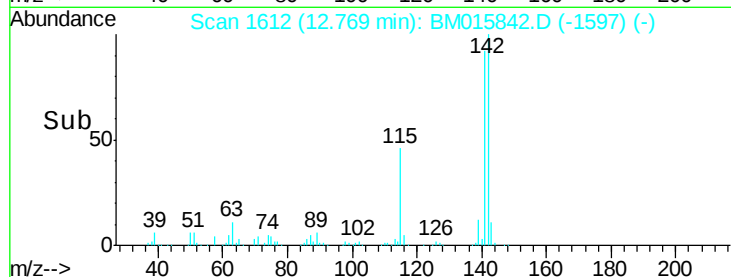
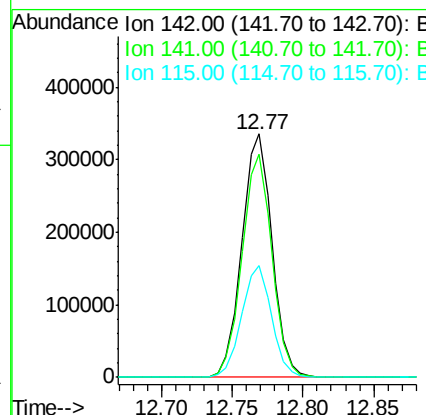
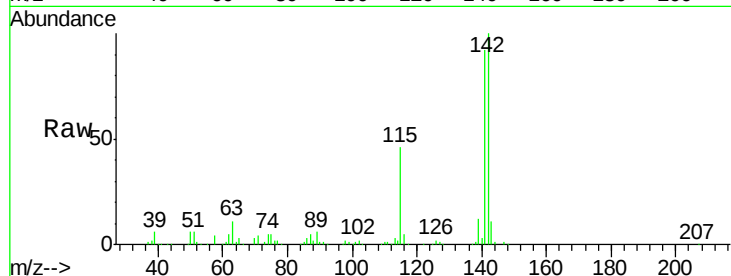




#37
 2-Methylnaphthalene
 Concen: 53.340 ng
 RT: 12.77 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

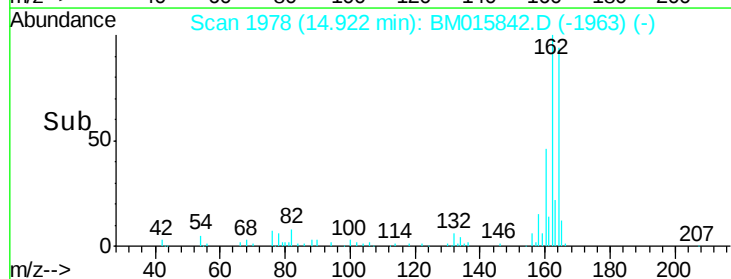
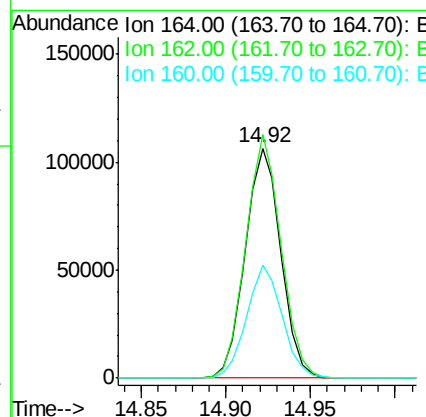
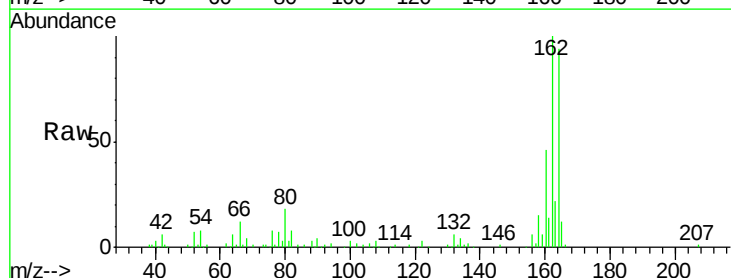
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

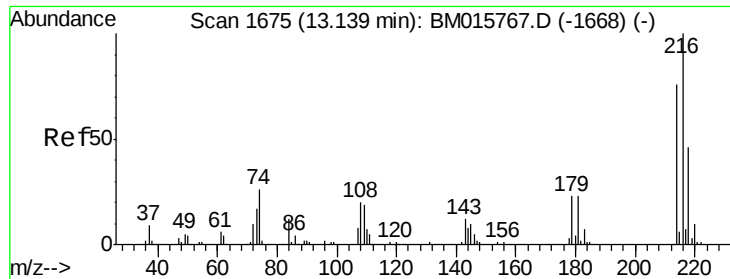
Tgt Ion:142 Resp: 501443
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.9 107.9
 115 46.1 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:164 Resp: 155232
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.4 123.6
 160 49.0 35.8 53.6

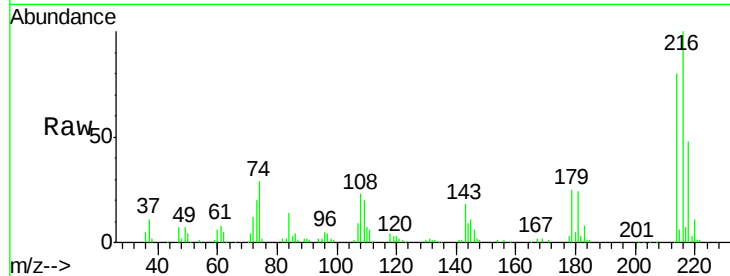




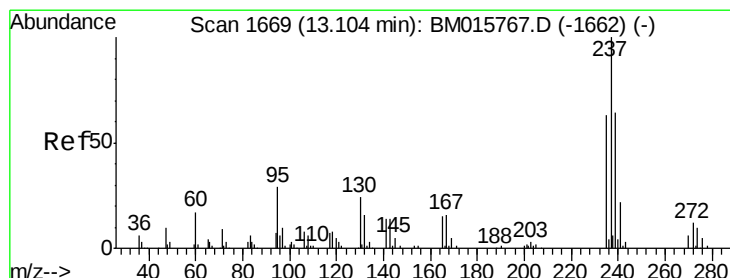
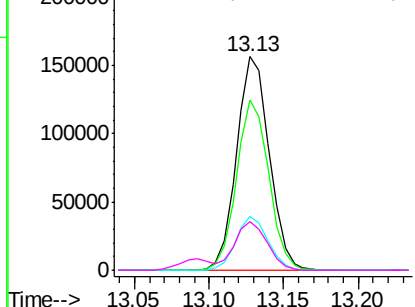
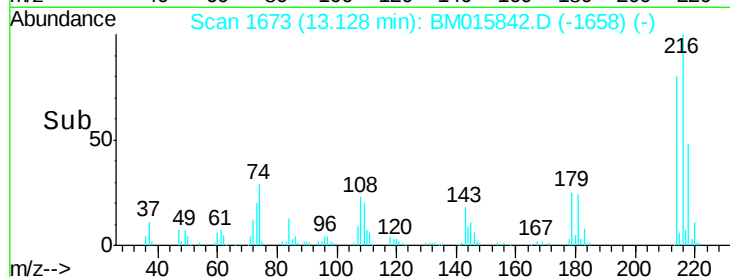
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.776 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tgt Ion:	216	Resp:	238031
Ion Ratio	Lower	Upper	
216	100		
214	78.7	0.0	0.0#
179	24.9	0.0	0.0#
108	22.7	0.0	0.0#

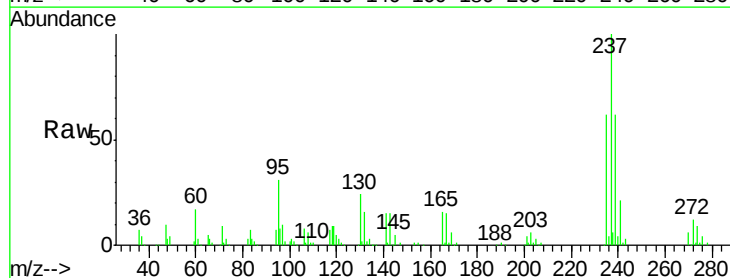


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

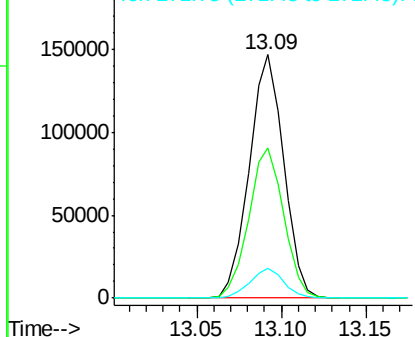
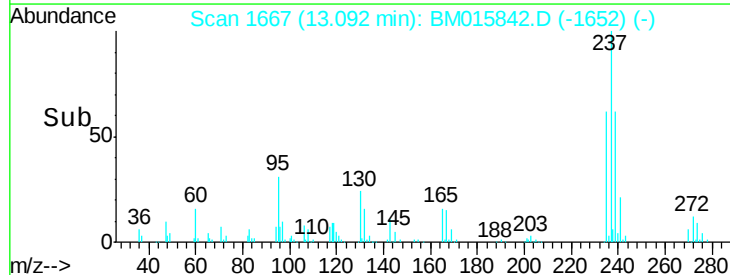


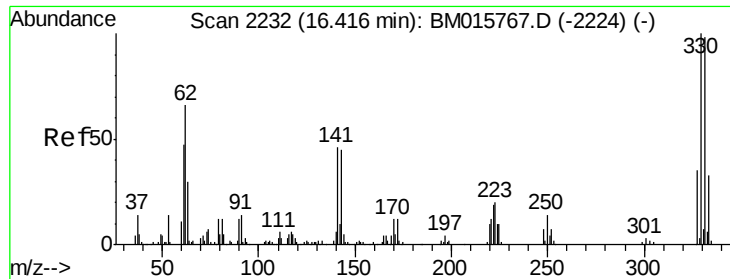
#40
 Hexachlorocyclopentadiene
 Concen: 88.707 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:	237	Resp:	209085
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.0	82.0
272	12.5	0.0	33.4



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

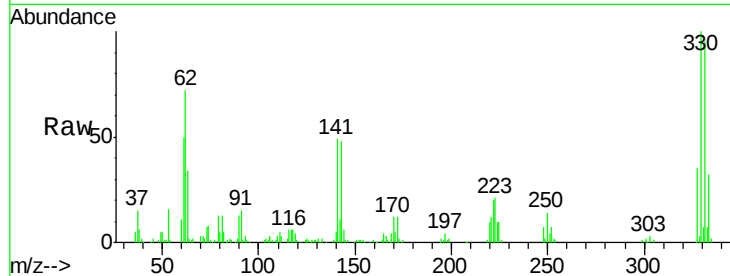




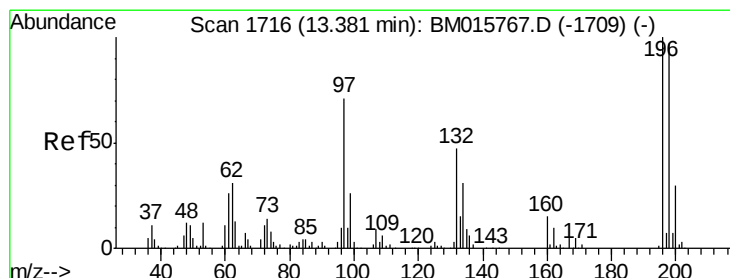
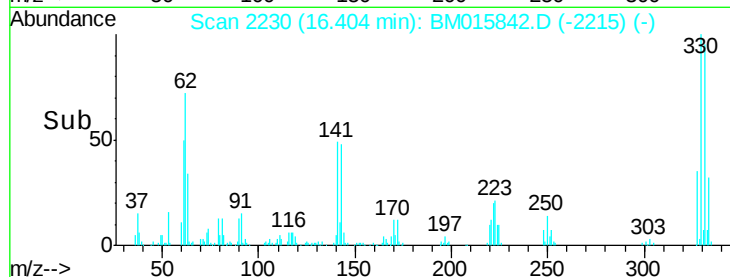
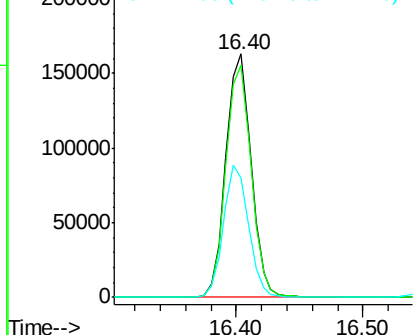
#41
 2,4,6-Tribromophenol
 Concen: 88.707 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tgt Ion:330 Resp: 225816
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 53.8 0.0 0.0#

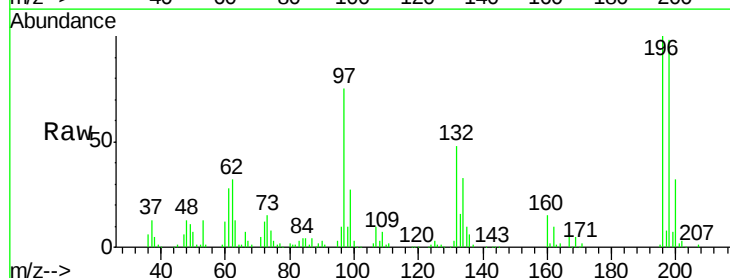


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

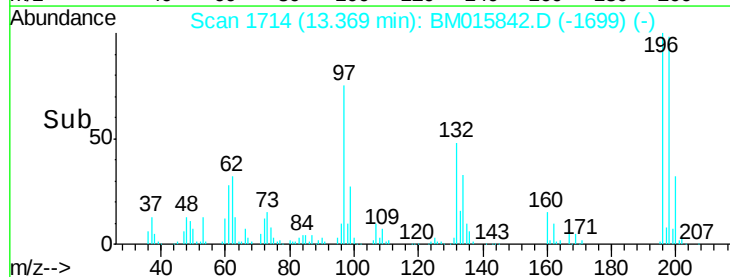
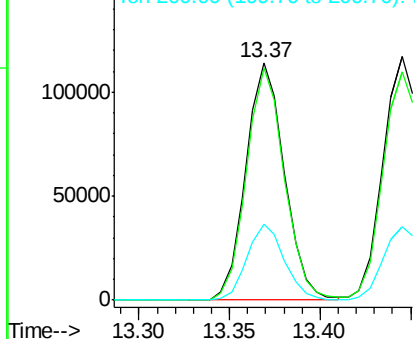


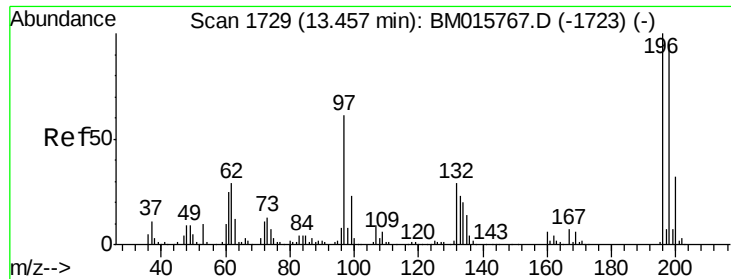
#42
 2,4,6-Trichlorophenol
 Concen: 53.546 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:196 Resp: 168636
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.3 114.5
 200 31.9 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

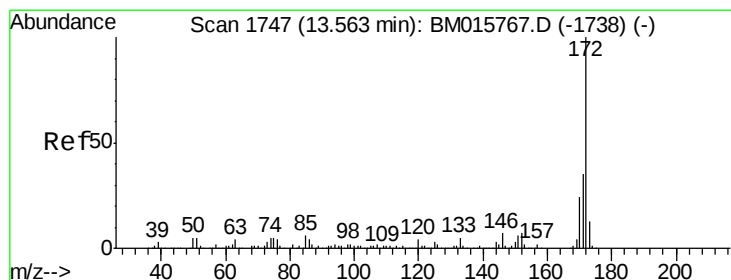
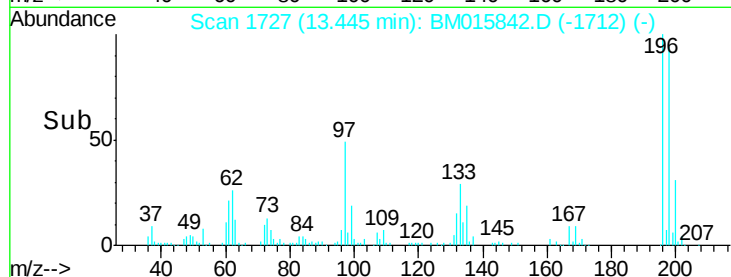
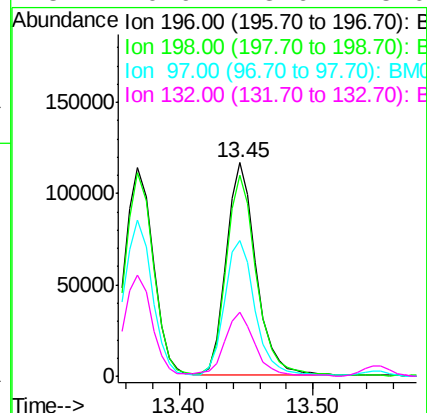
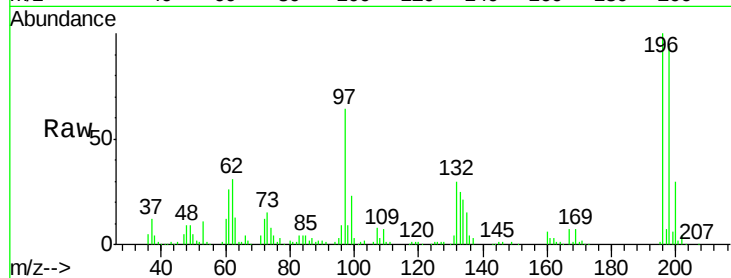




#43
 2,4,5-Trichlorophenol
 Concen: 53.748 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

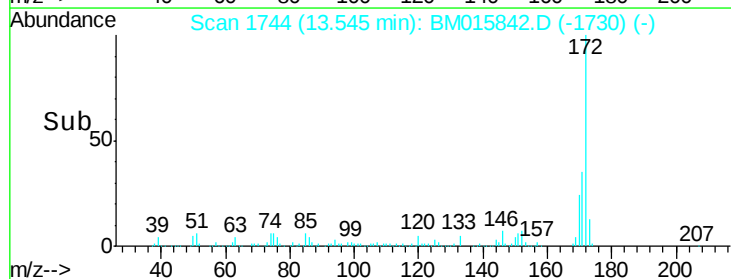
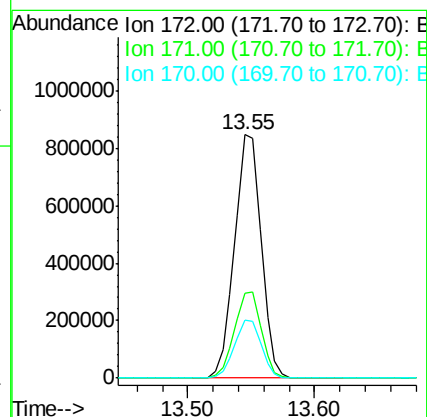
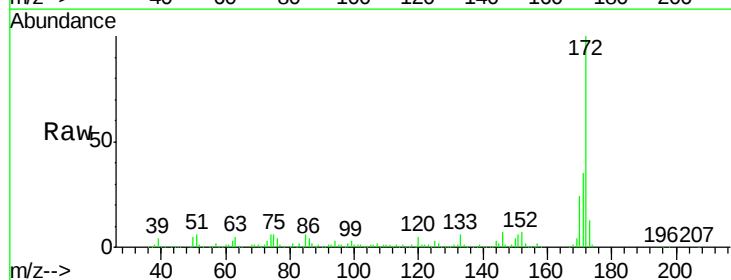
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

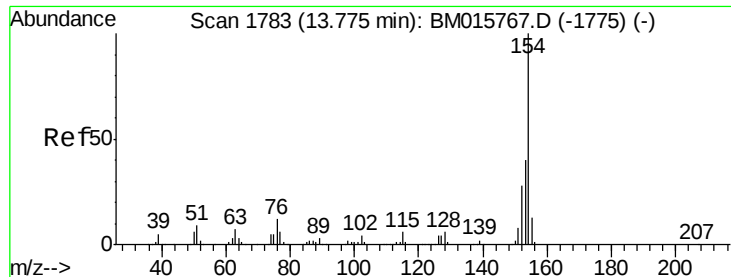
Tgt Ion:196 Resp: 182855
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.4 119.0
 97 63.6 26.8 40.2#
 132 29.9 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 53.748 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:172 Resp: 1224834
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.1 18.8 28.2

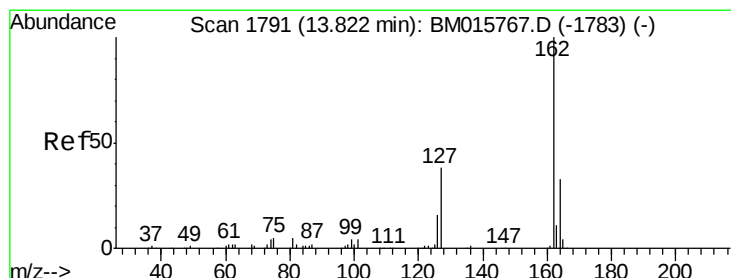
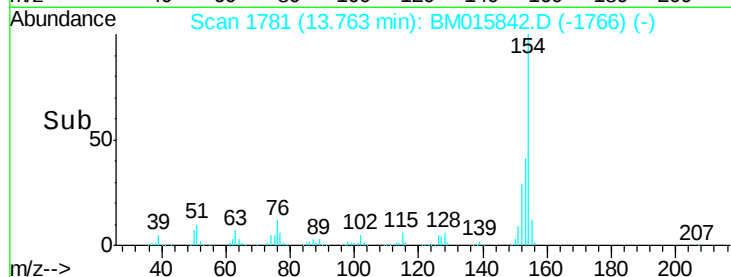
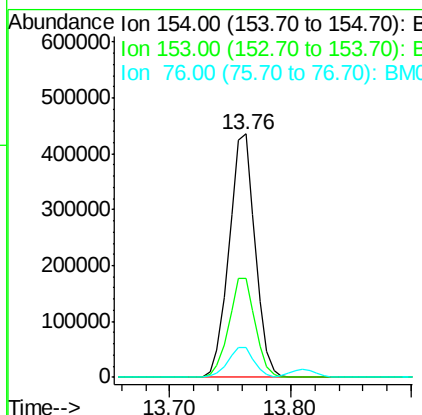
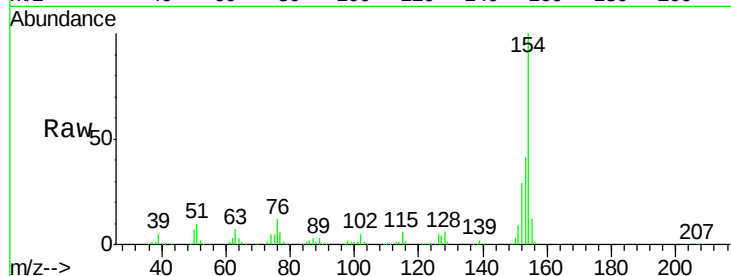




#45
 1,1'-Biphenyl
 Concen: 48.736 ng
 RT: 13.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

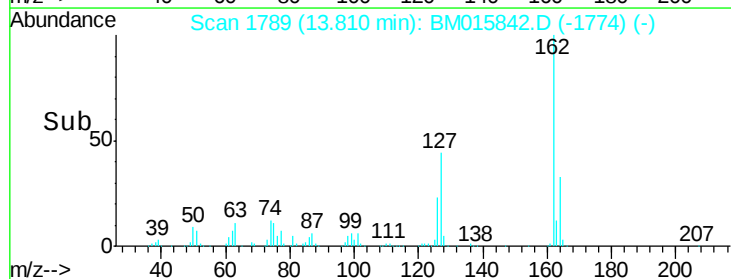
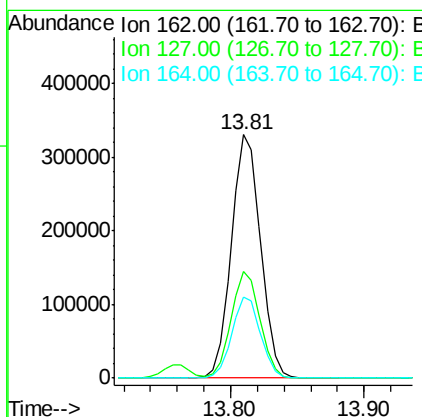
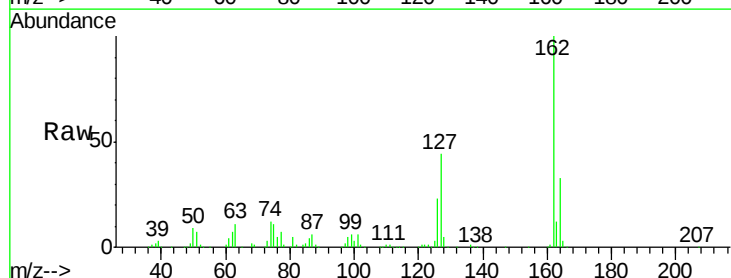
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

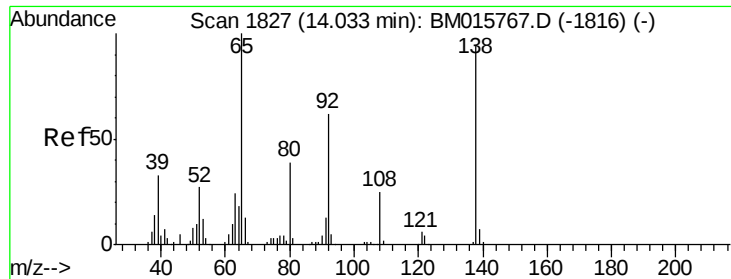
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.0	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 50.180 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.9	26.9	40.3#
164	33.1	26.8	40.2

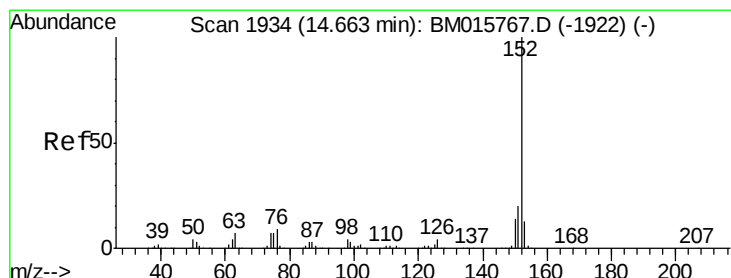
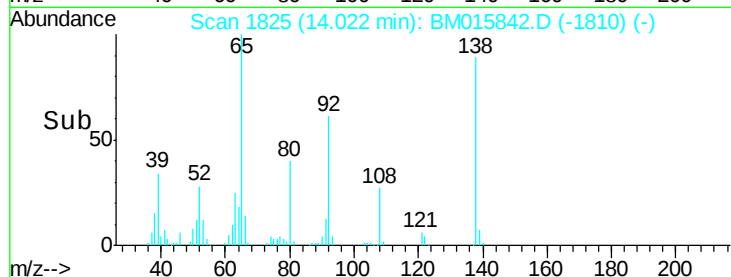
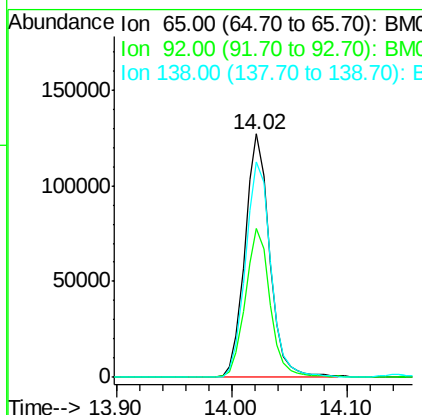
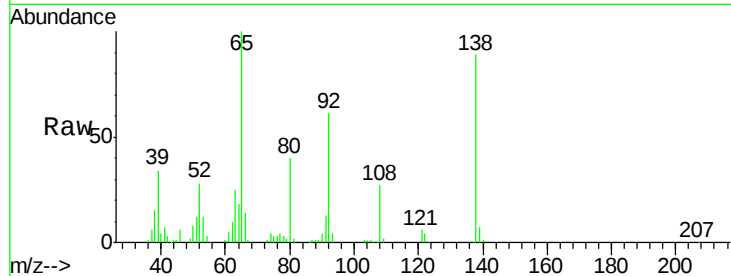




#47
2-Nitroaniline
Concen: 54.027 ng
RT: 14.02 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

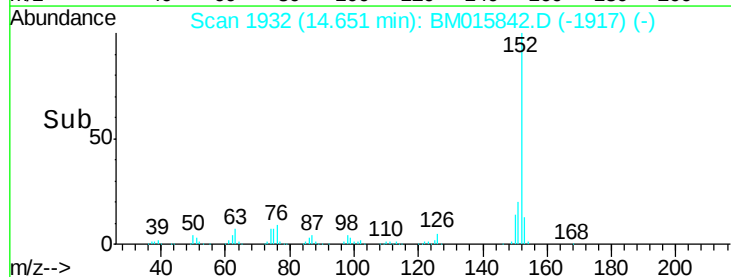
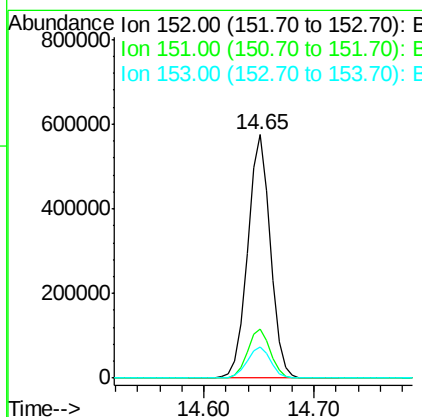
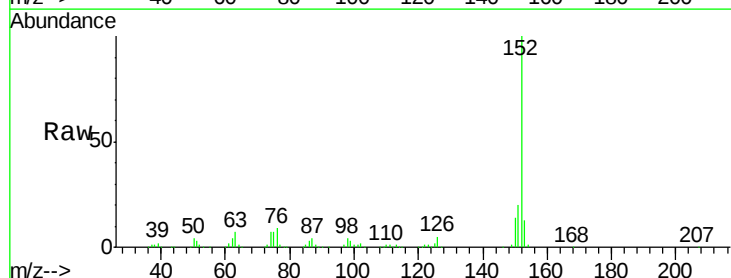
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

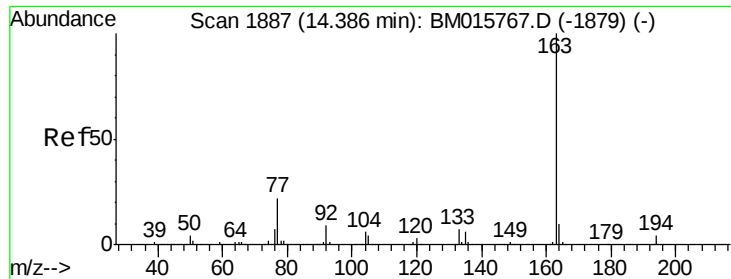
Tgt Ion: 65 Resp: 189062
Ion Ratio Lower Upper
65 100
92 61.4 59.1 88.7
138 88.6 93.9 140.9#



#48
Acenaphthylene
Concen: 50.796 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion: 152 Resp: 829208
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 50.142 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

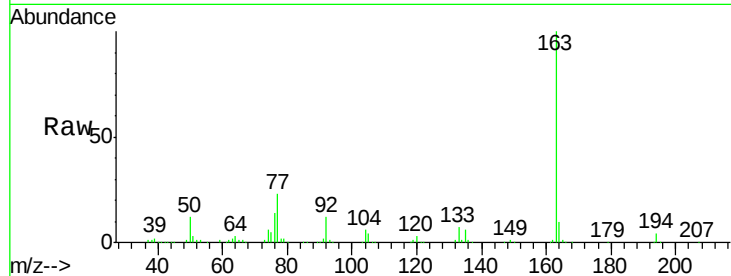
Tgt Ion:163 Resp: 686465

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

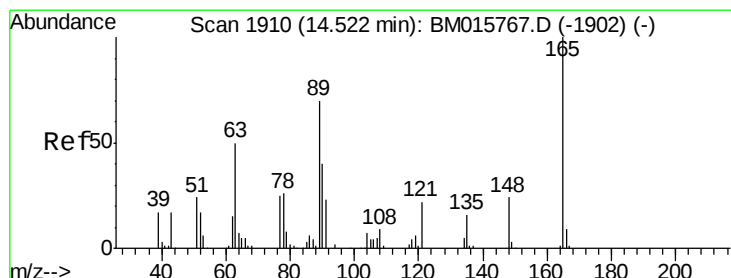
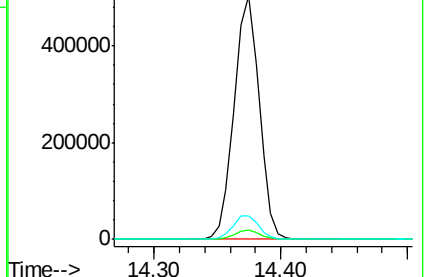
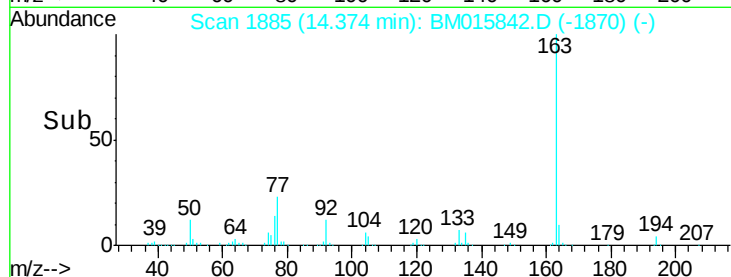
164 9.7 8.2 12.2



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: 53.995 ng

RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

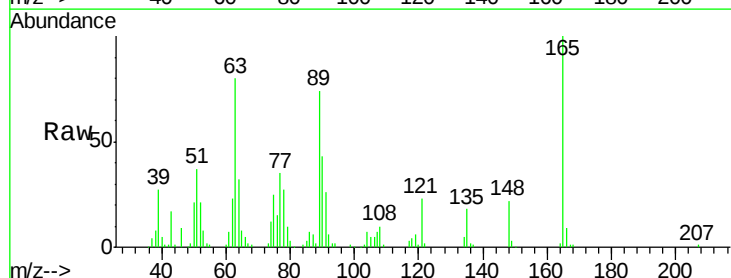
Tgt Ion:165 Resp: 144131

Ion Ratio Lower Upper

165 100

63 80.0 44.1 66.1#

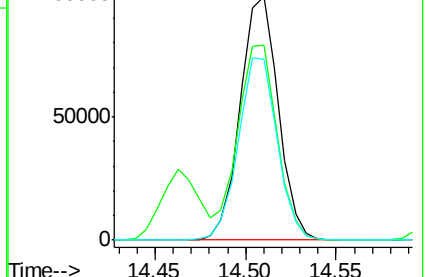
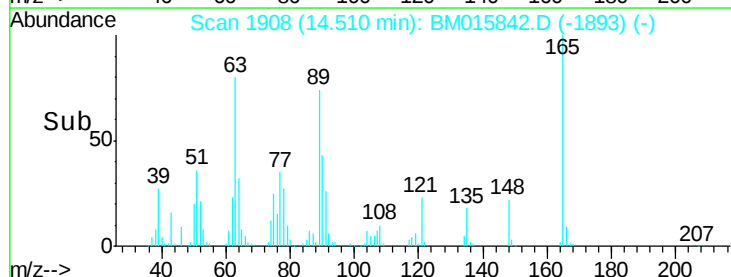
89 74.4 44.3 66.5#

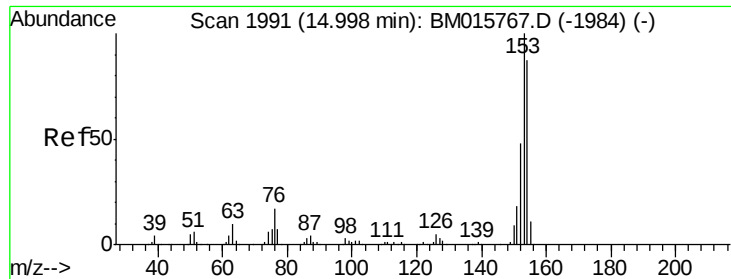


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 47.537 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

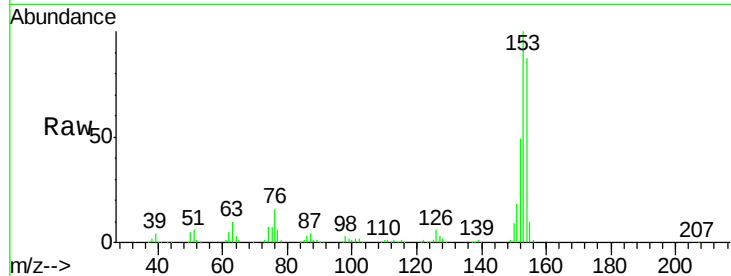
Tgt Ion:154 Resp: 482873

Ion Ratio Lower Upper

154 100

153 114.3 90.0 135.0

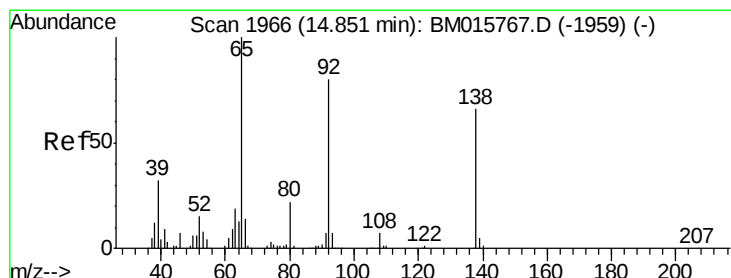
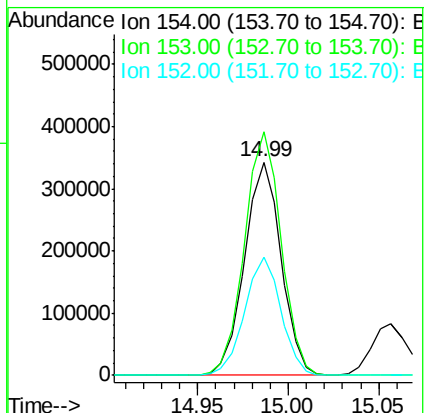
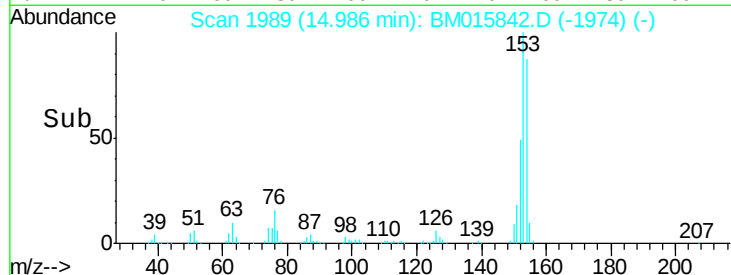
152 55.5 42.6 63.8



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: 35.028 ng

RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

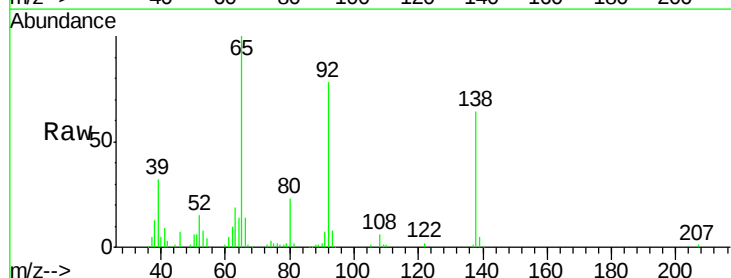
Tgt Ion:138 Resp: 102342

Ion Ratio Lower Upper

138 100

108 10.0 7.3 10.9

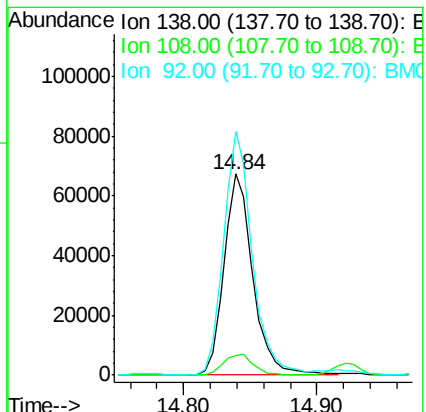
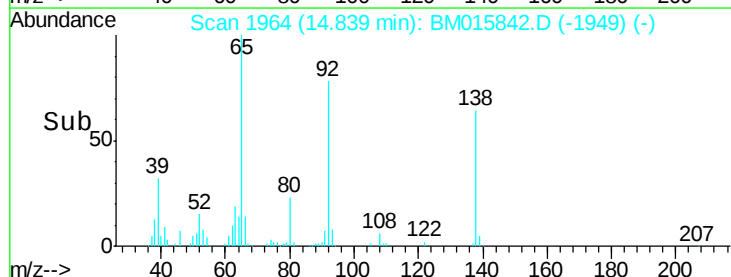
92 121.1 76.6 114.8#

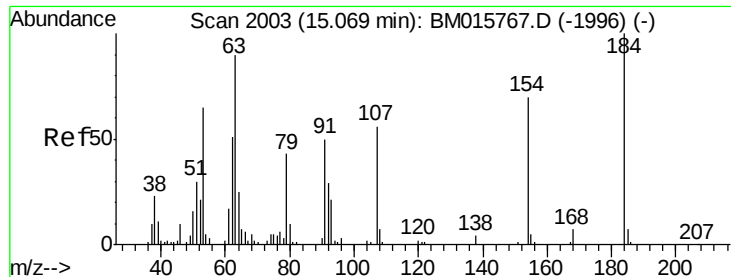


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

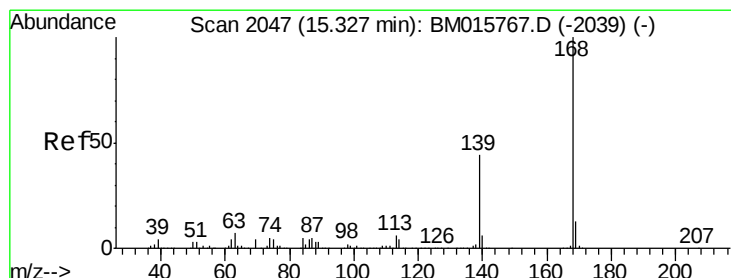
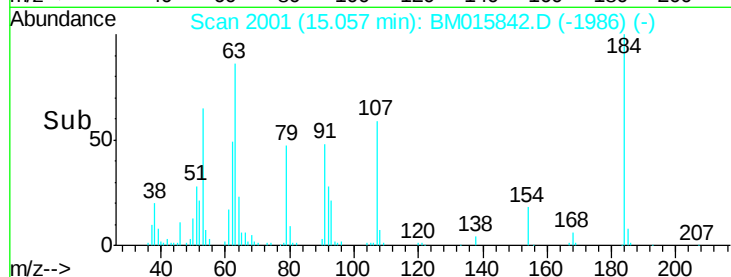
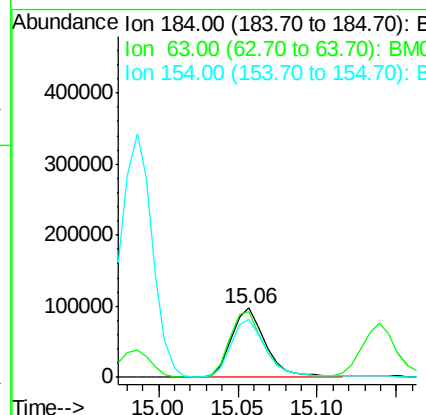
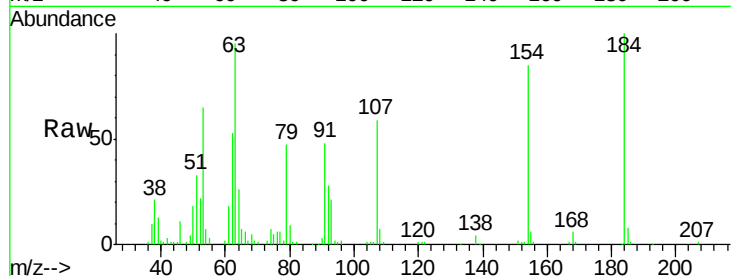




#53
2,4-Dinitrophenol
Concen: 107.283 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

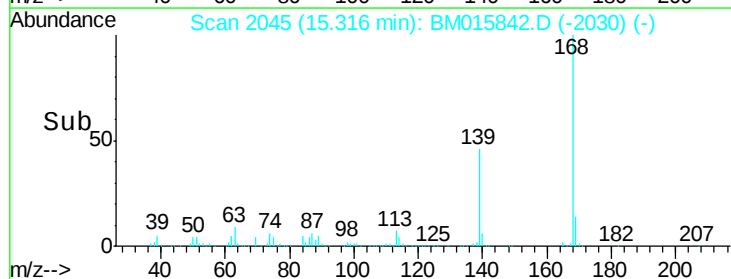
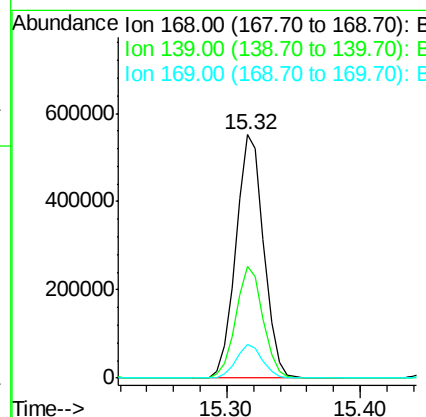
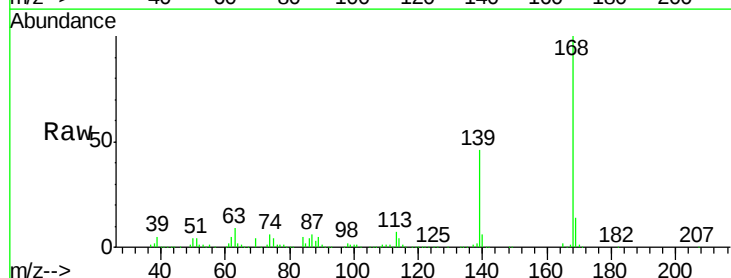
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

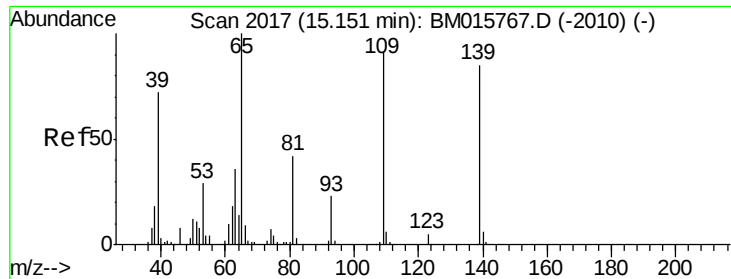
Tgt Ion:184 Resp: 146801
Ion Ratio Lower Upper
184 100
63 94.8 69.2 103.8
154 84.9 53.3 79.9#



#54
Dibenzofuran
Concen: 51.004 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:168 Resp: 798338
Ion Ratio Lower Upper
168 100
139 46.0 27.3 40.9#
169 13.7 10.6 16.0

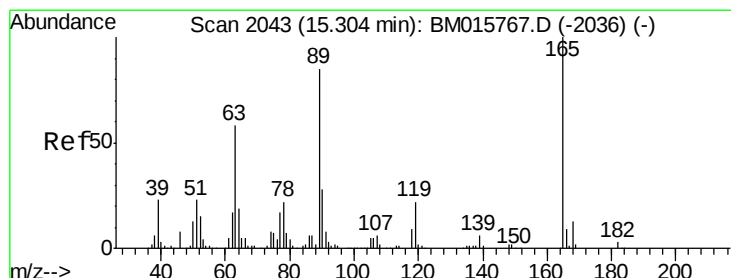
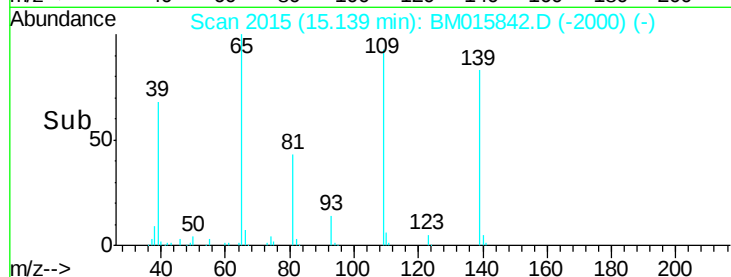
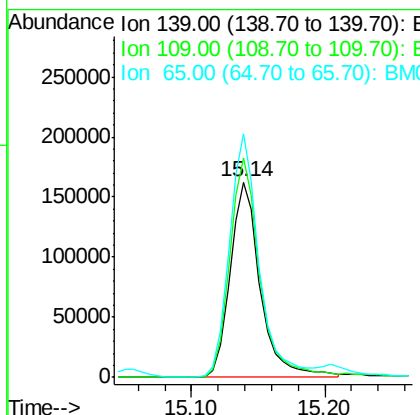
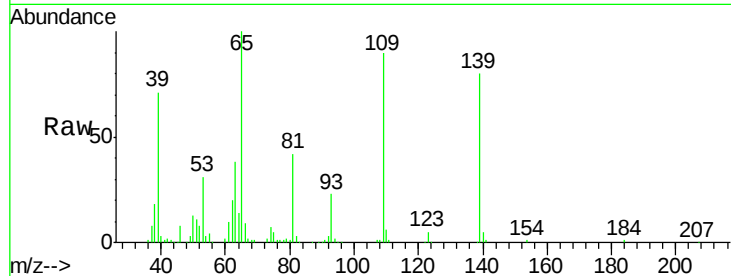




#55
4-Nitrophenol
Concen: 118.502 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

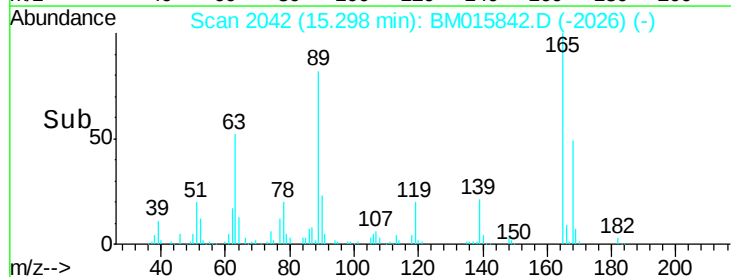
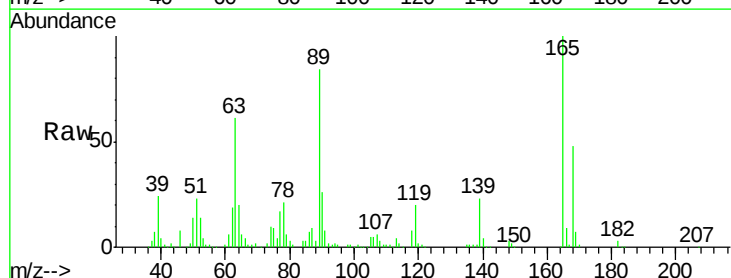
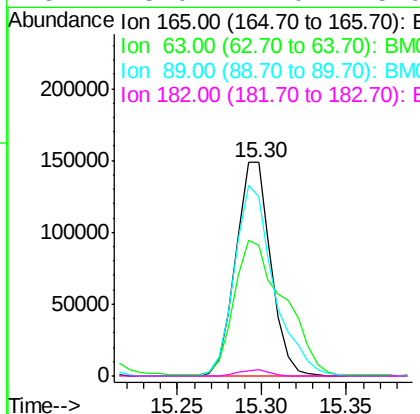
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

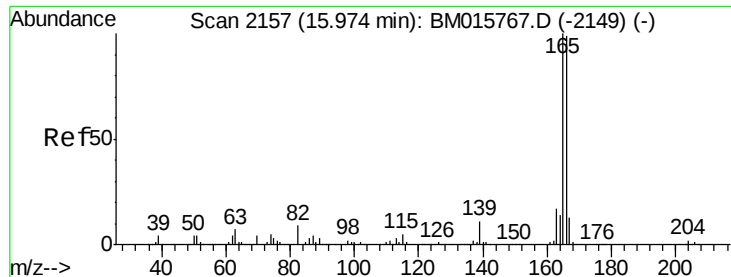
Tgt Ion:139 Resp: 255523
Ion Ratio Lower Upper
139 100
109 112.2 130.0 170.0#
65 124.5 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 55.594 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:165 Resp: 214246
Ion Ratio Lower Upper
165 100
63 61.0 52.4 78.6
89 83.9 72.4 108.6
182 3.0 2.0 3.0

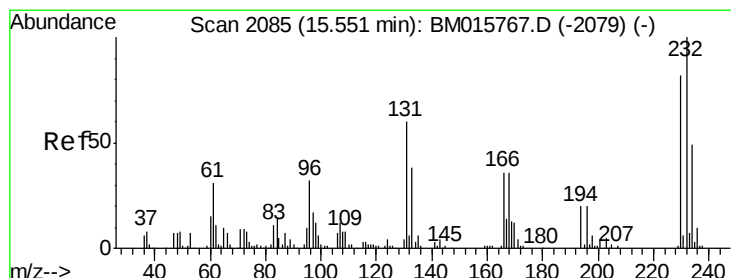
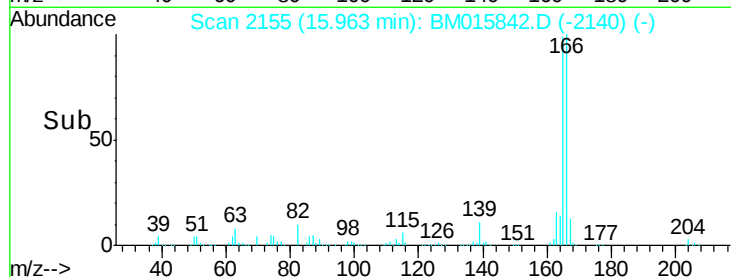
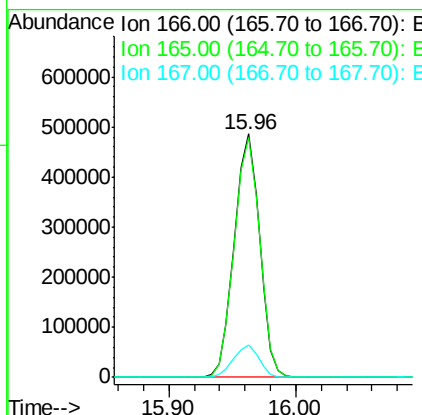
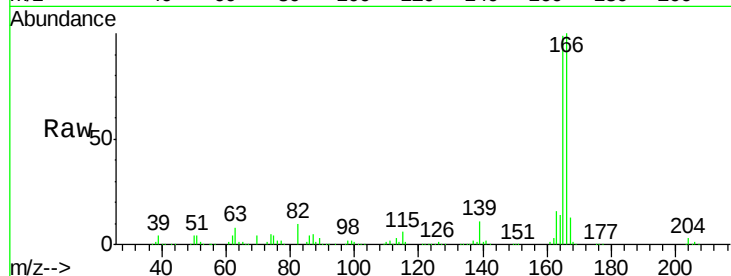




#57
 Fluorene
 Concen: 52.192 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

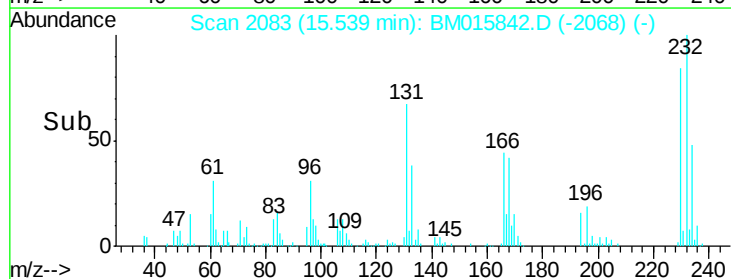
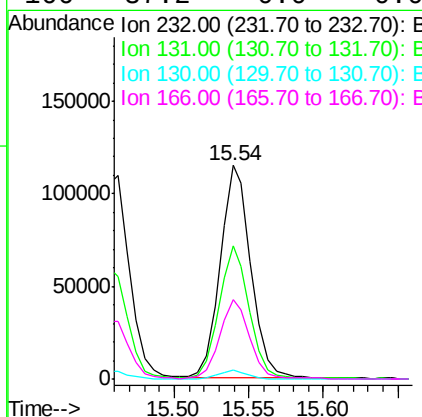
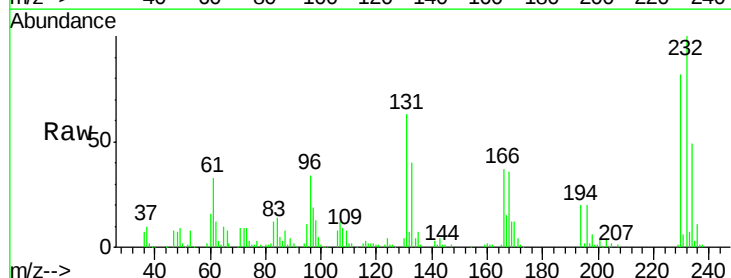
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

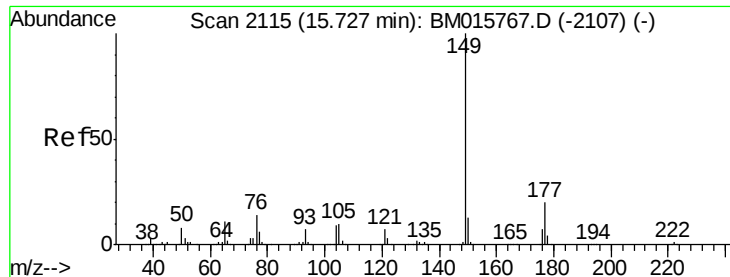
Tgt Ion:166 Resp: 673675
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.0 118.4
 167 13.1 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.237 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:232 Resp: 164318
 Ion Ratio Lower Upper
 232 100
 131 60.8 0.0 0.0#
 130 3.9 0.0 0.0#
 166 37.2 0.0 0.0#

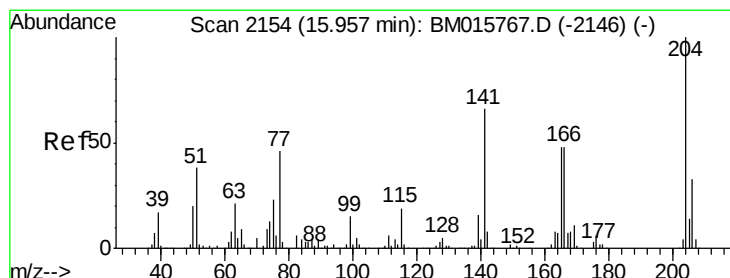
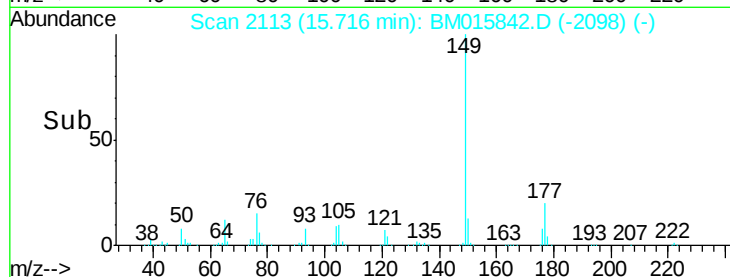
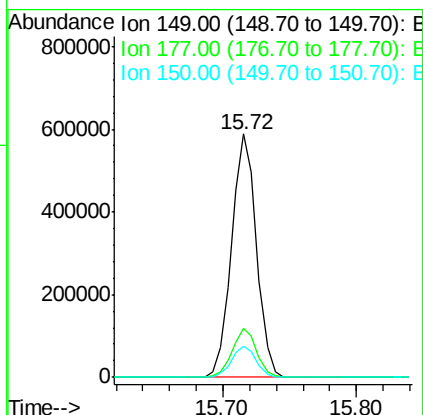
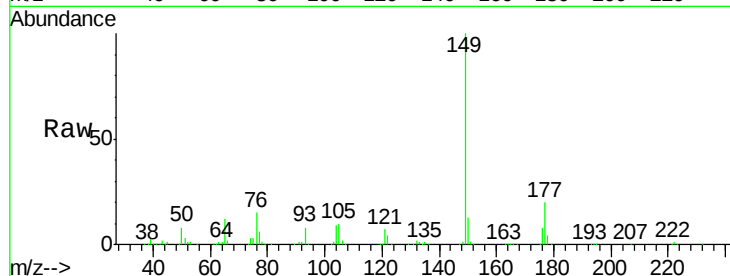




#59
Diethylphthalate
Concen: 52.227 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

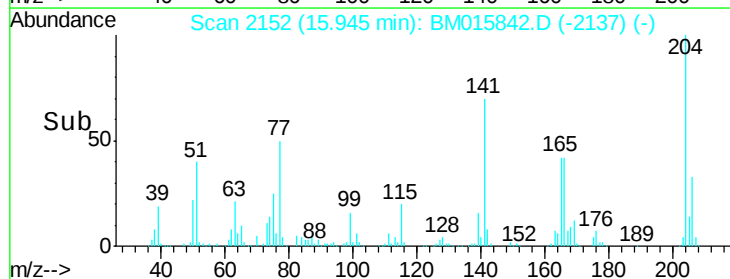
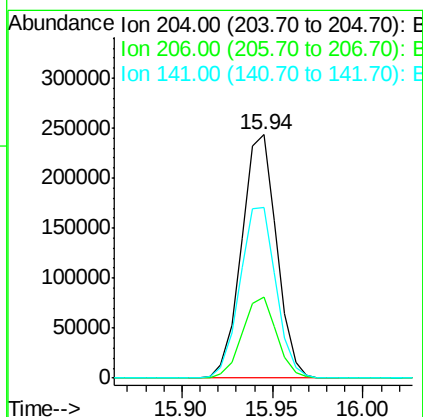
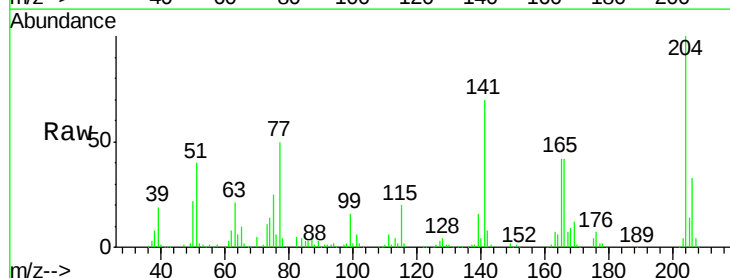
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

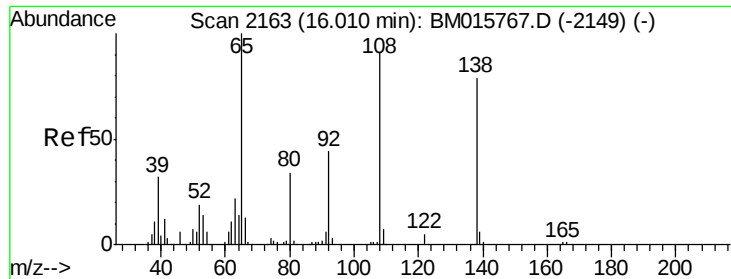
Tgt Ion:149 Resp: 766219
Ion Ratio Lower Upper
149 100
177 20.1 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 49.301 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:204 Resp: 327447
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 69.9 45.2 67.8#

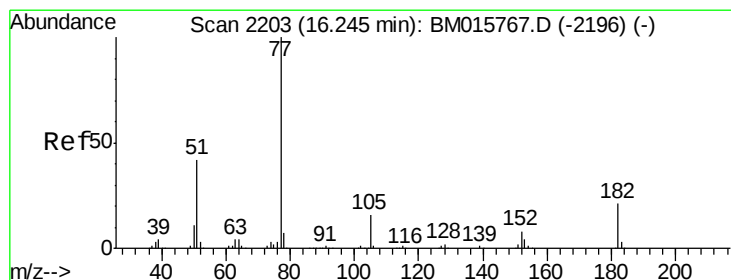
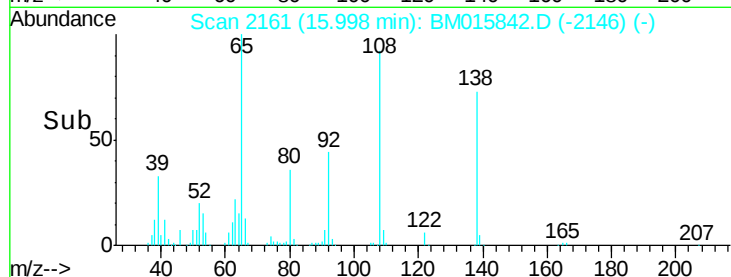
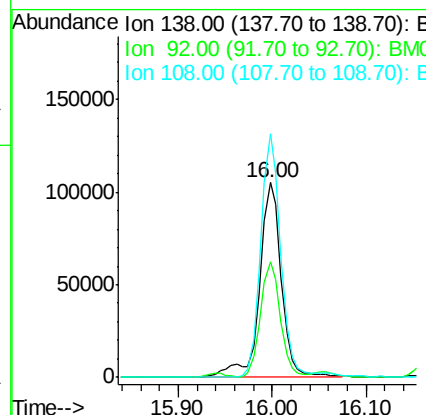
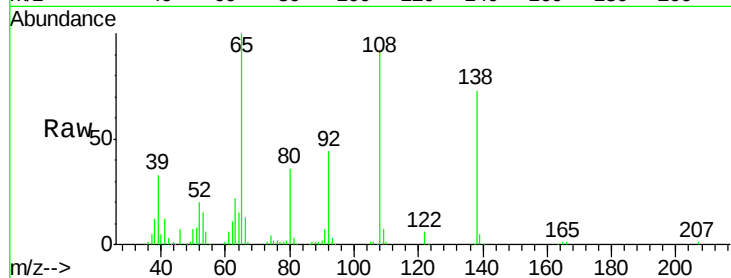




#61
4-Nitroaniline
Concen: 56.250 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

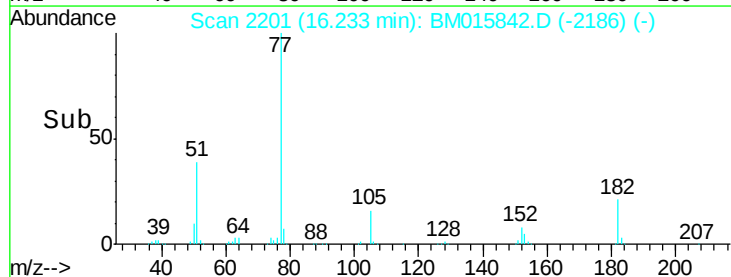
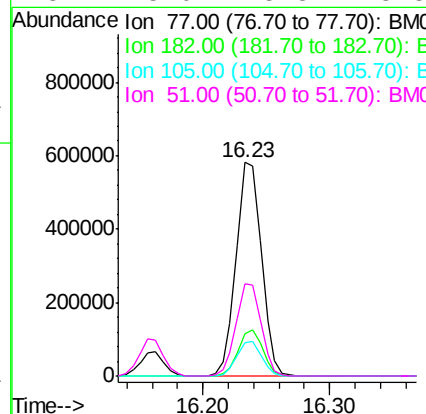
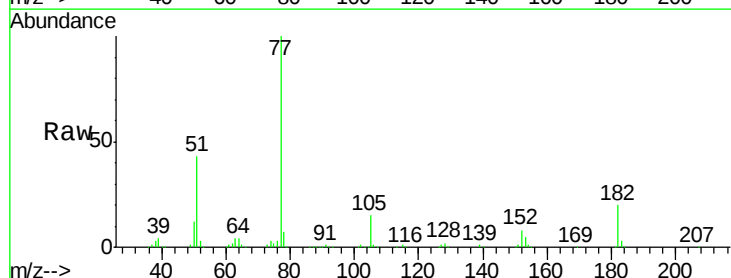
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

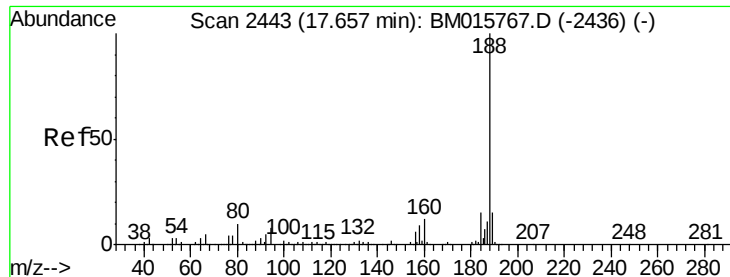
Tgt Ion:138 Resp: 170492
Ion Ratio Lower Upper
138 100
92 59.4 16.7 56.7#
108 125.0 37.6 77.6#



#62
Azobenzene
Concen: 58.130 ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion: 77 Resp: 799407
Ion Ratio Lower Upper
77 100
182 20.0 6.5 46.5
105 15.5 3.8 43.8
51 43.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

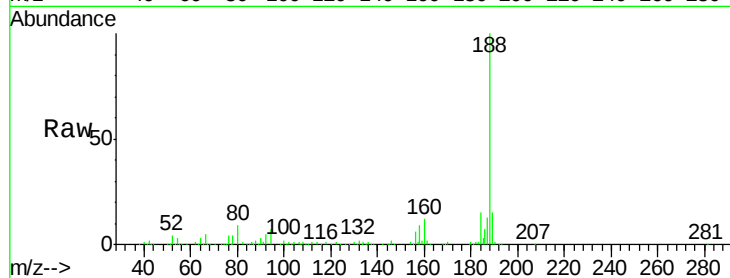
Tgt Ion:188 Resp: 374957

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

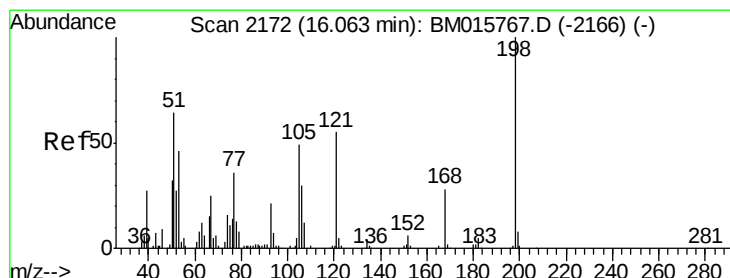
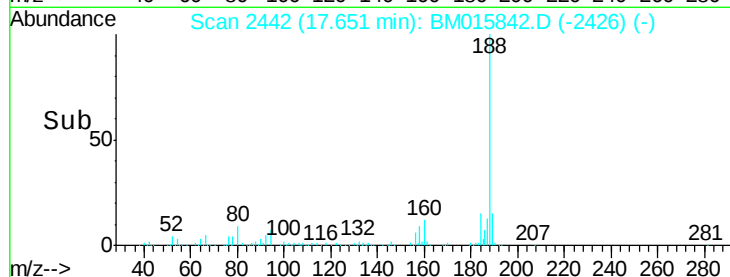
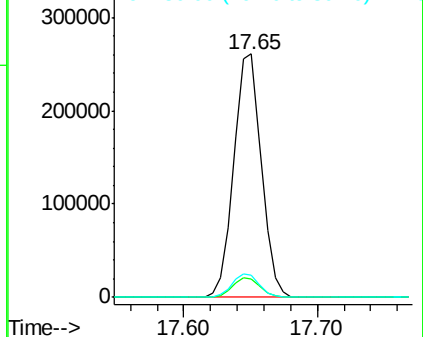
80 9.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.975 ng

RT: 16.06 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

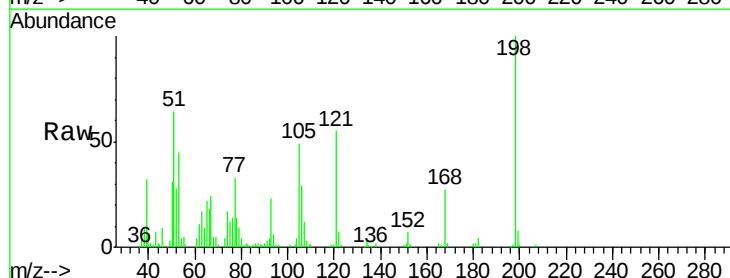
Tgt Ion:198 Resp: 111636

Ion Ratio Lower Upper

198 100

51 64.5 28.8 68.8

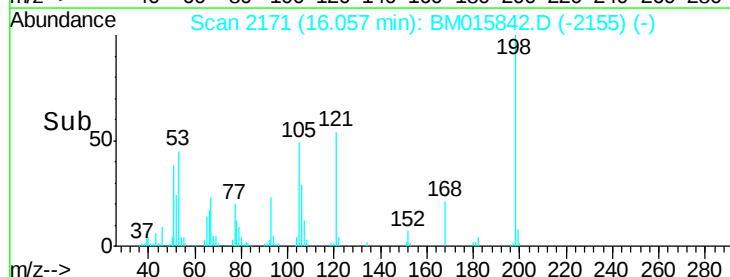
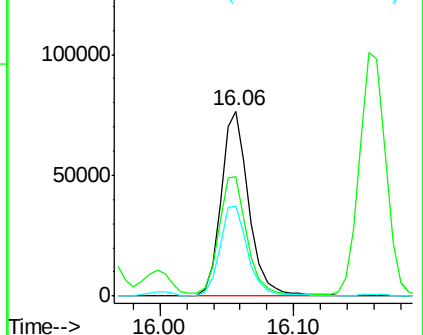
105 48.9 30.5 70.5

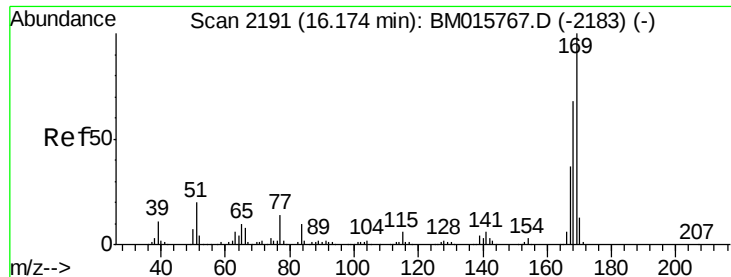


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

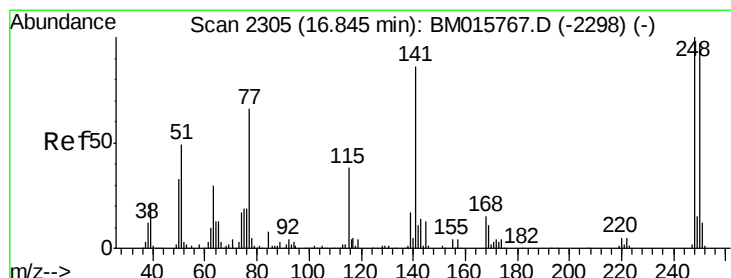
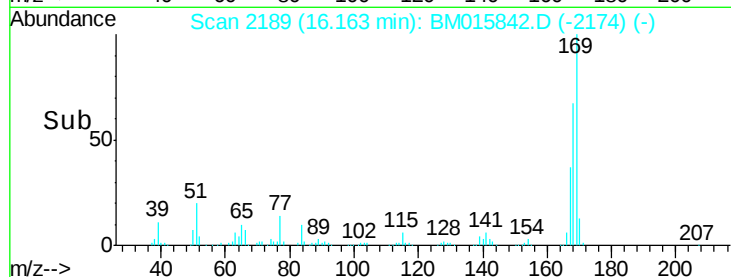
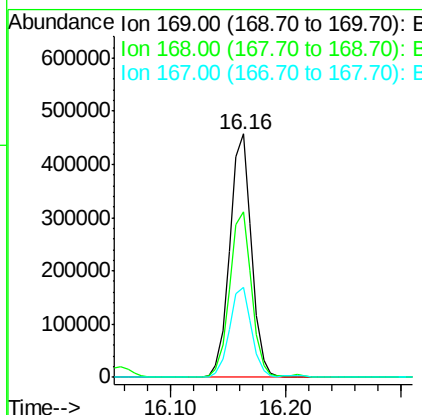
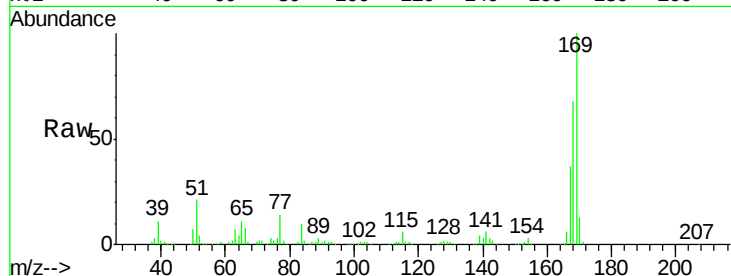




#65
 n-Nitrosodiphenylamine
 Concen: 46.061 ng
 RT: 16.16 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

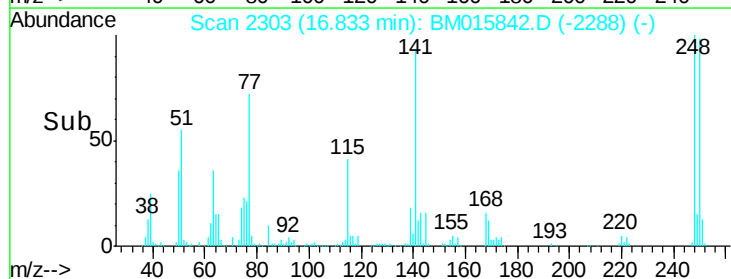
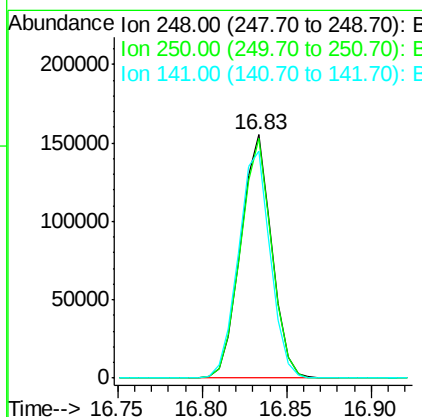
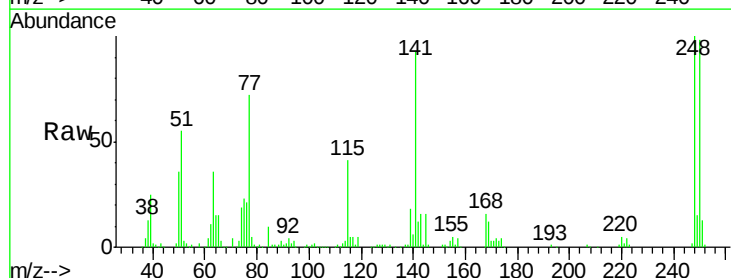
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

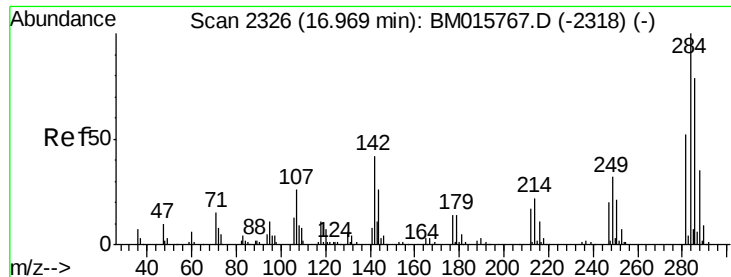
Tgt Ion:169 Resp: 591788
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.9 80.9
 167 36.7 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.509 ng
 RT: 16.83 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:248 Resp: 198897
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.4 116.0
 141 93.0 45.2 67.8#

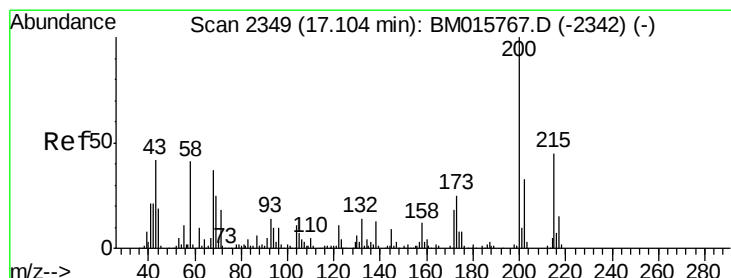
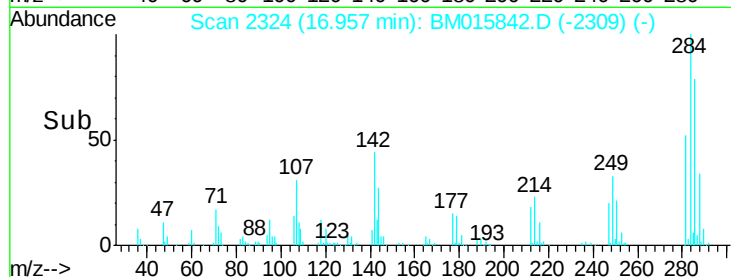
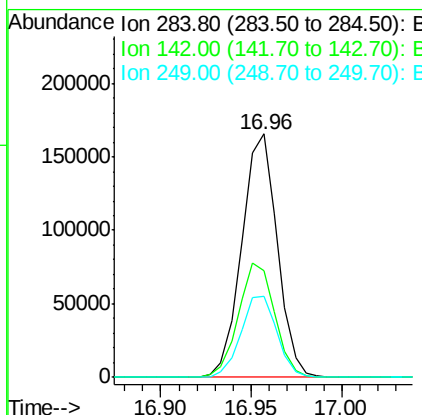
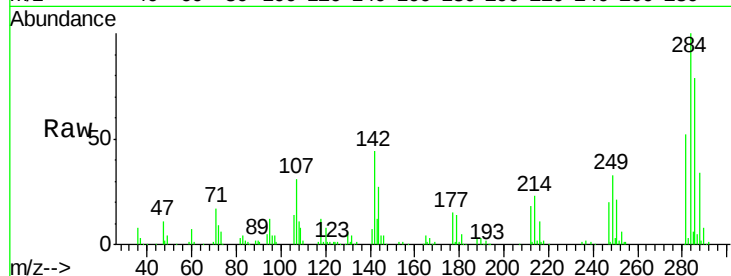




#67
Hexachlorobenzene
Concen: 48.214 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

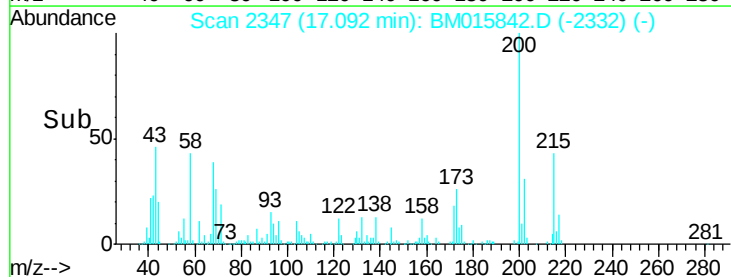
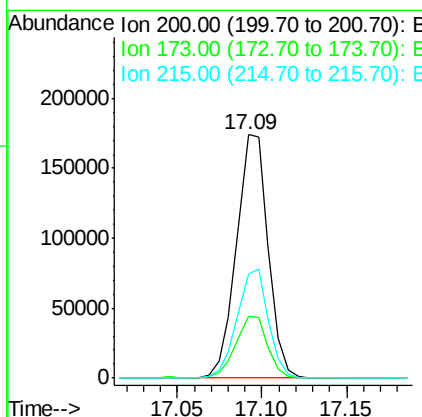
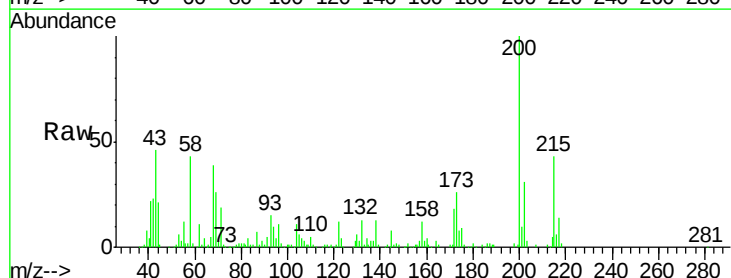
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

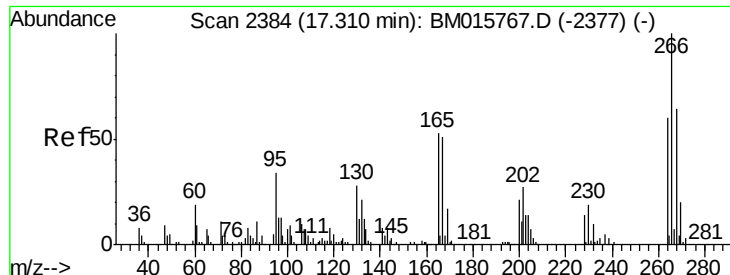
Tgt Ion:284 Resp: 225554
Ion Ratio Lower Upper
284 100
142 44.0 20.4 30.6#
249 33.4 23.8 35.6



#68
Atrazine
Concen: 53.854 ng
RT: 17.09 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:200 Resp: 227588
Ion Ratio Lower Upper
200 100
173 25.6 4.8 44.8
215 42.9 26.9 66.9





#69

Pentachlorophenol

Concen: 92.071 ng

RT: 17.30 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

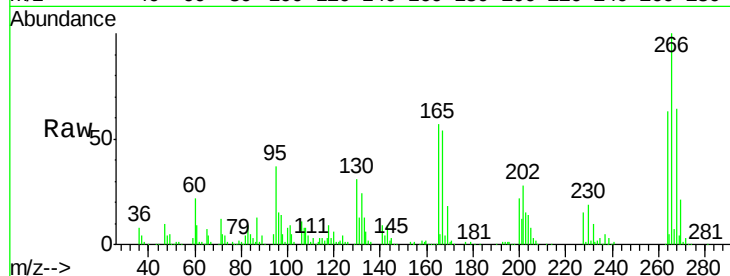
Tgt Ion:266 Resp: 266524

Ion Ratio Lower Upper

266 100

268 64.1 52.0 78.0

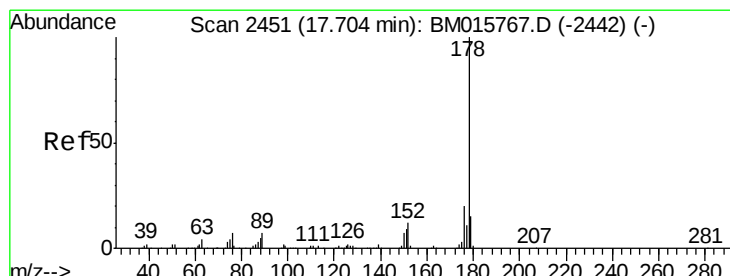
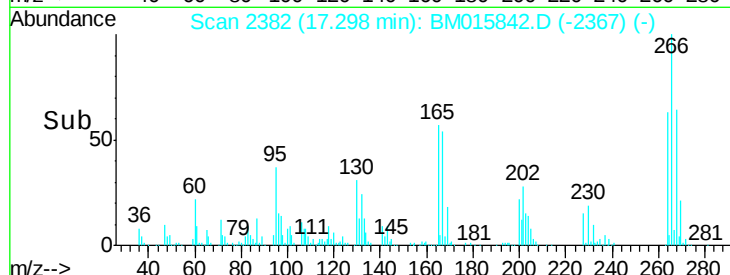
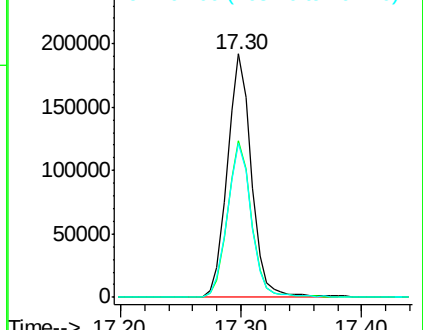
264 63.2 49.0 73.4



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: 50.465 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

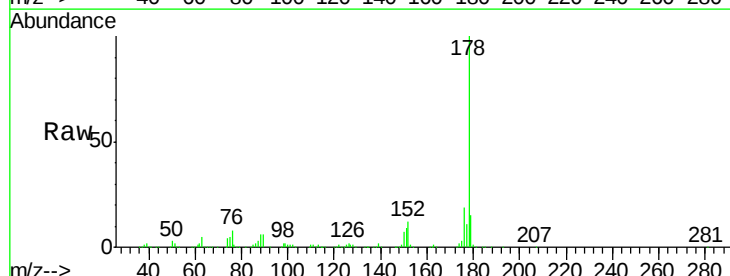
Tgt Ion:178 Resp: 1082560

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

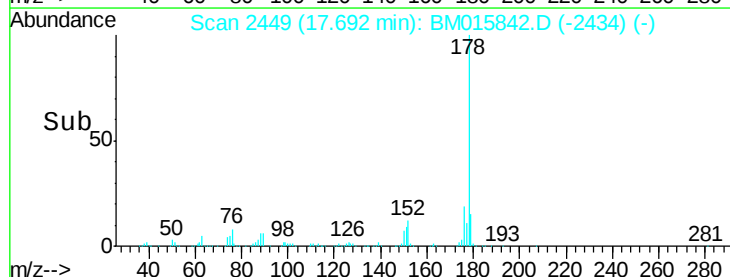
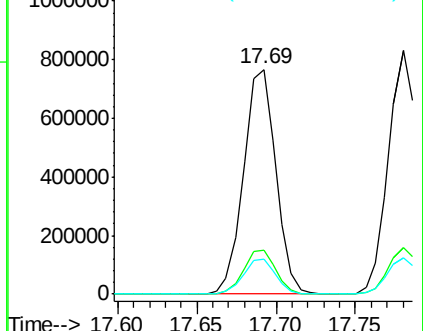
179 15.3 12.1 18.1

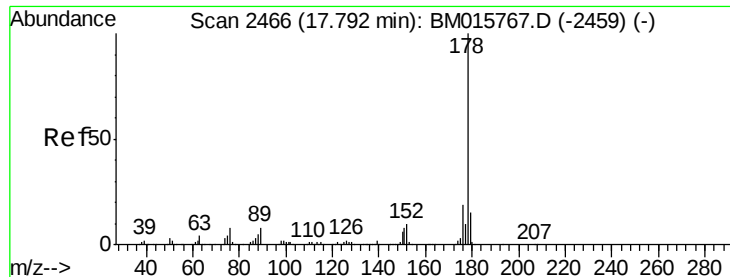


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

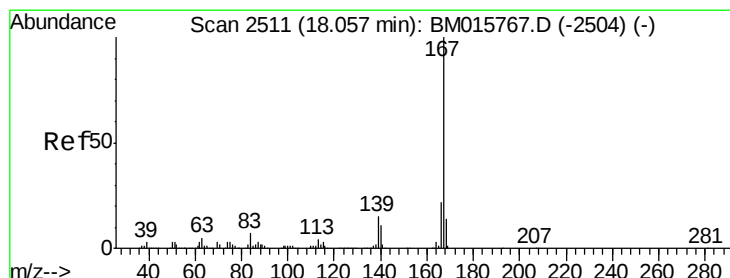
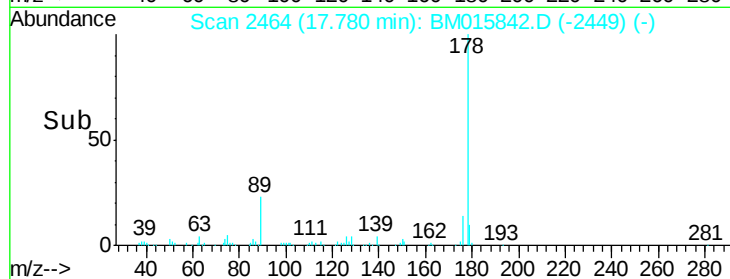
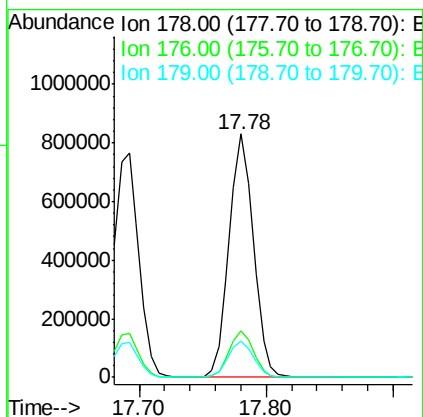
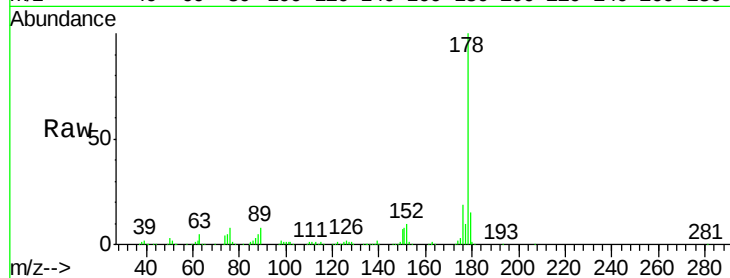




#71
 Anthracene
 Concen: 52.414 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

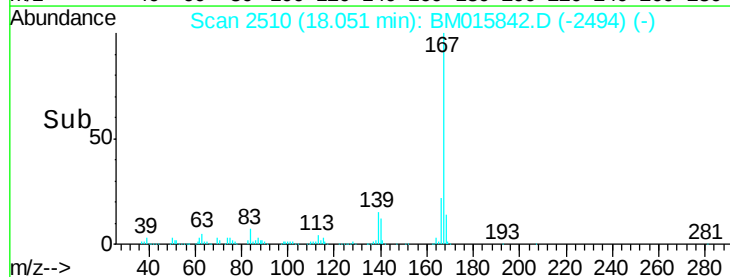
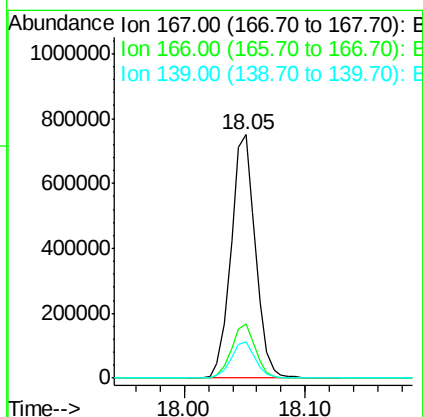
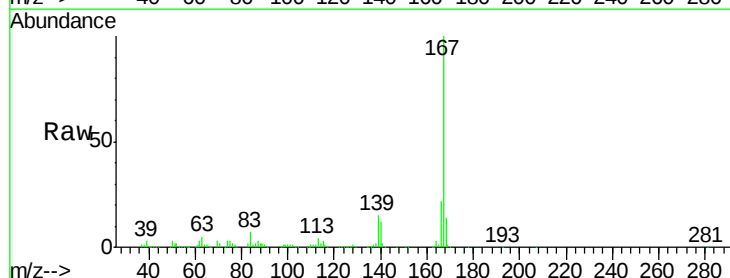
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

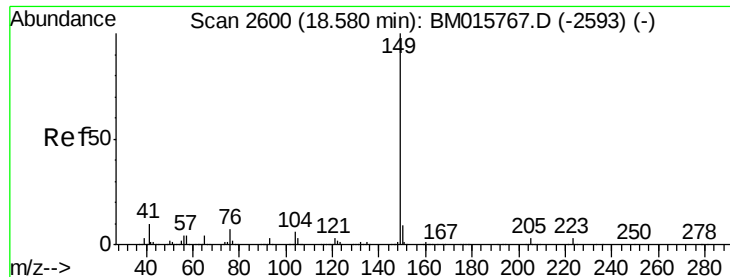
Tgt Ion:178 Resp: 1104183
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 53.708 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:167 Resp: 1054345
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 14.8 10.8 16.2

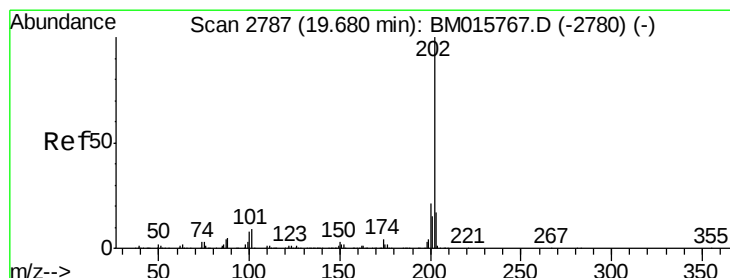
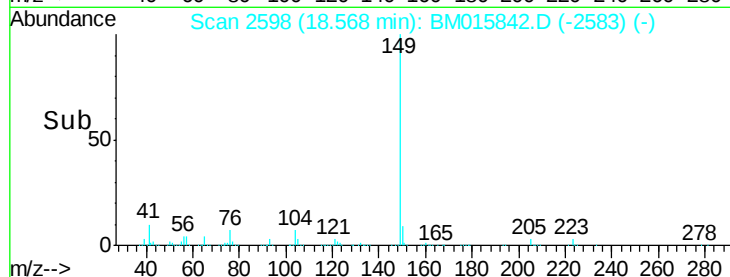
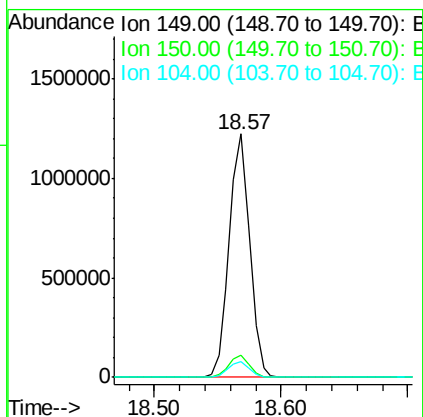
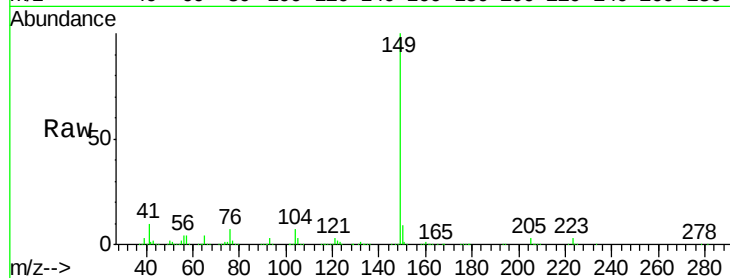




#73
Di-n-butylphthalate
Concen: 51.659 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

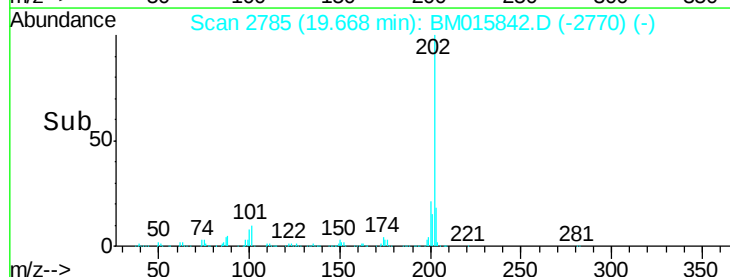
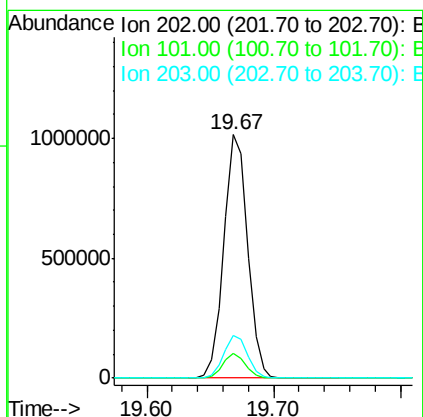
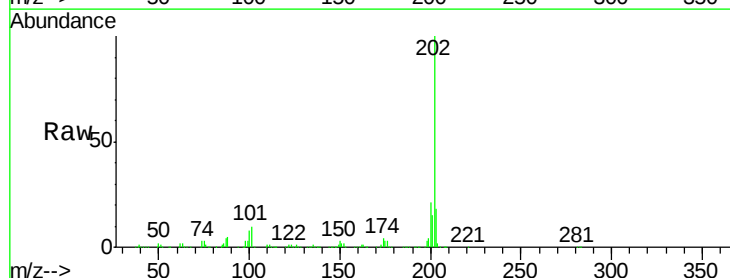
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

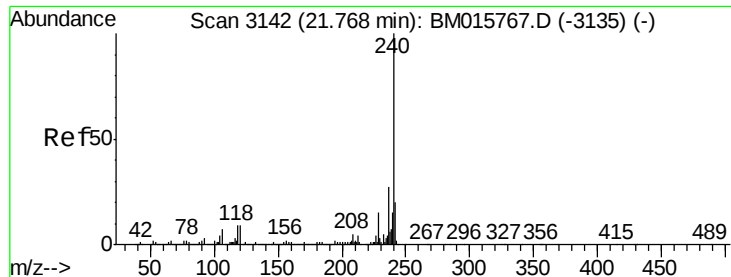
Tgt Ion:149 Resp: 1366878
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.5 3.7 5.5#



#74
Fluoranthene
Concen: 53.560 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:202 Resp: 1320832
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.7
203 17.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

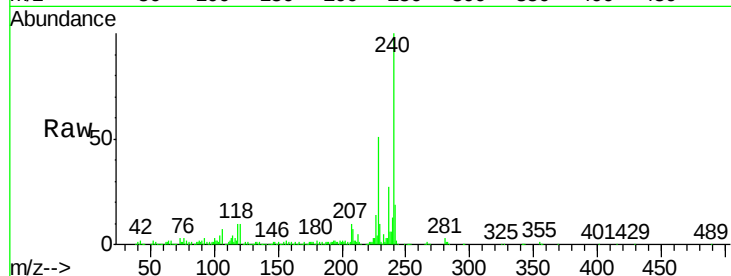
Tgt Ion:240 Resp: 481024

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

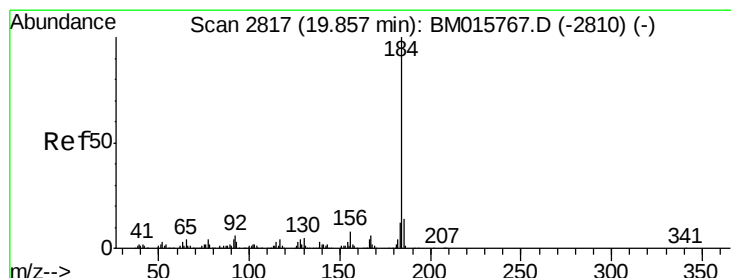
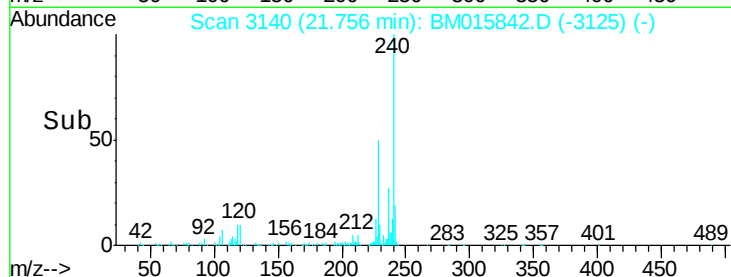
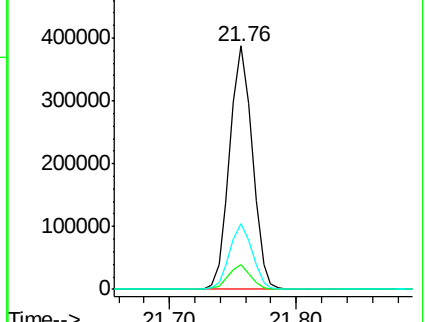
236 27.2 20.0 30.0



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: 40.231 ng

RT: 19.84 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

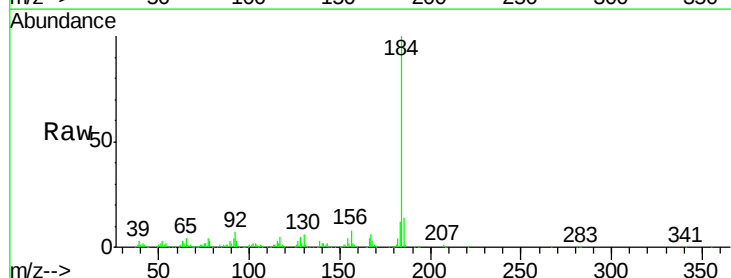
Tgt Ion:184 Resp: 566994

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

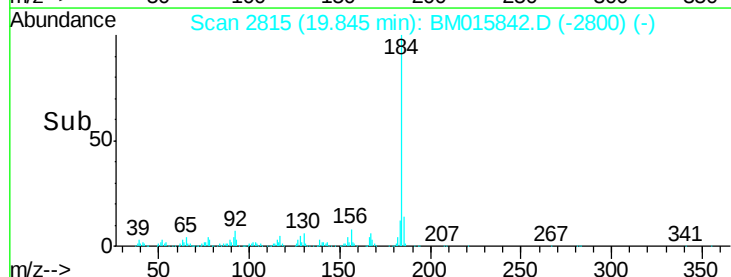
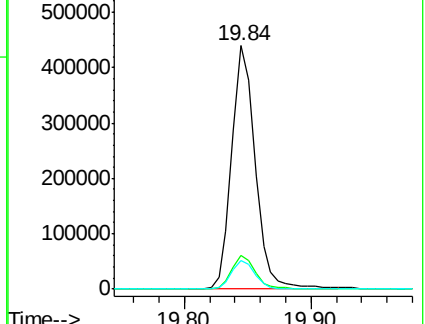
183 11.6 8.9 13.3

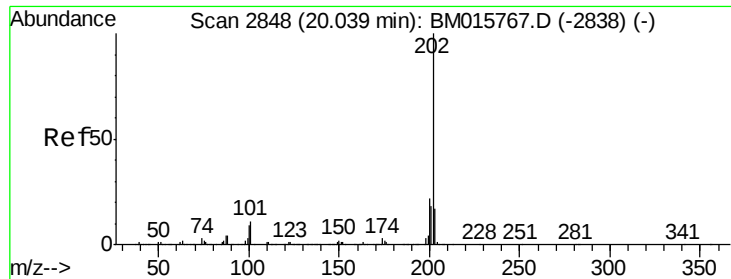


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

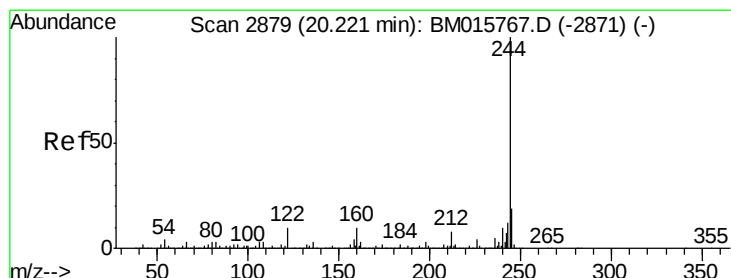
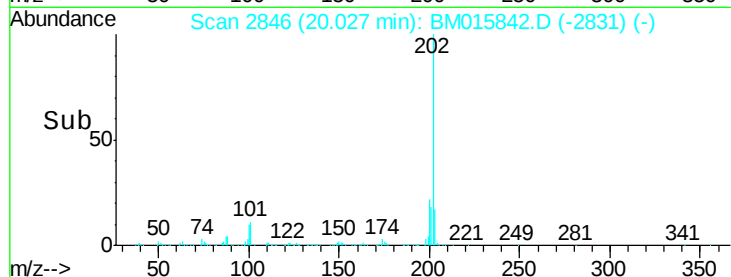
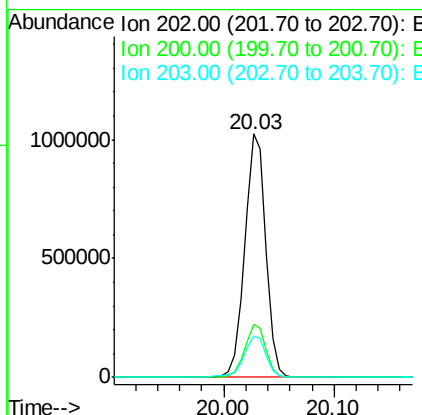
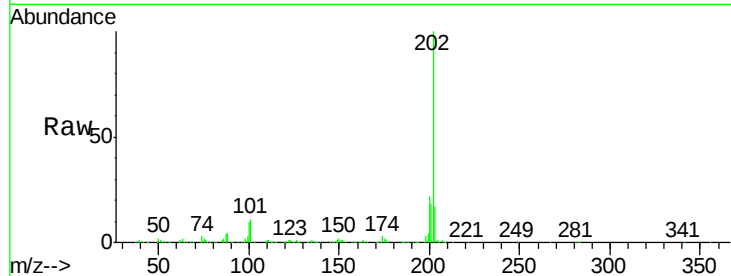




#77
 Pyrene
 Concen: 45.509 ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

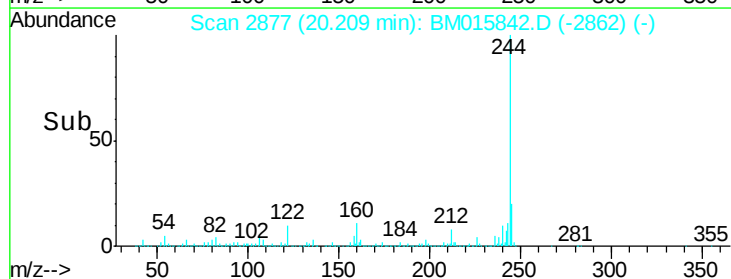
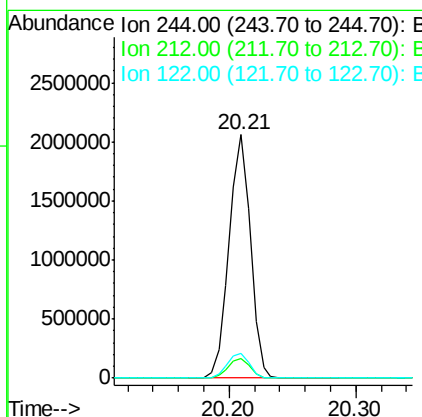
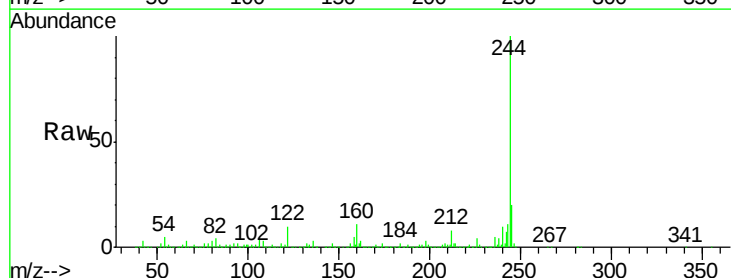
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

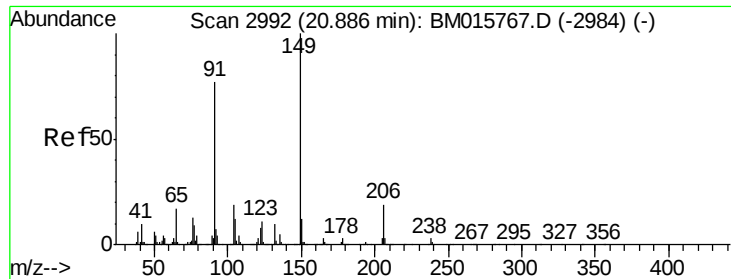
Tgt Ion:202 Resp: 1363631
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.9 25.3
 203 17.1 14.1 21.1



#78
 Terphenyl-d14
 Concen: 45.509 ng
 RT: 20.21 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:244 Resp: 2393541
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 10.3 6.2 9.4#

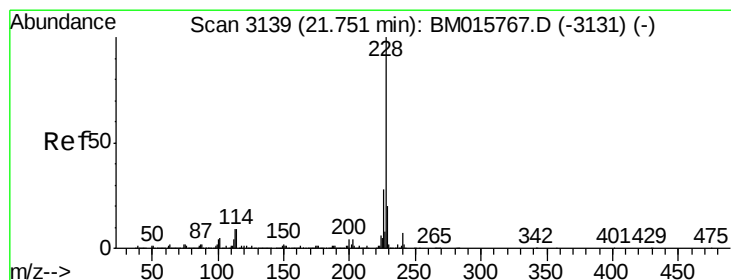
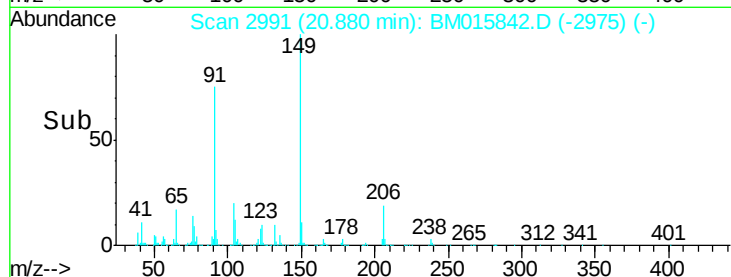
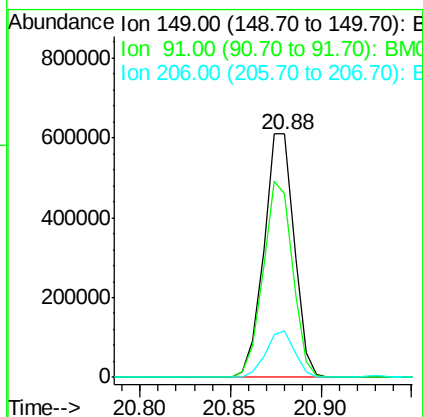
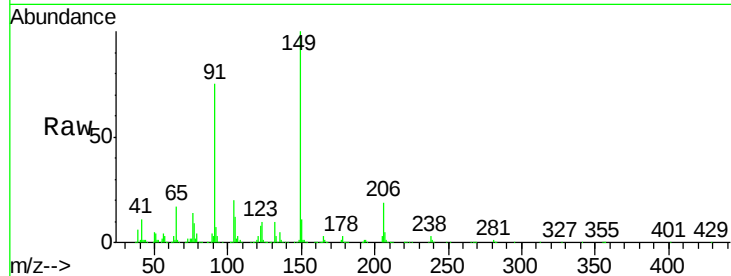




#79
Butylbenzylphthalate
Concen: 48.970 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

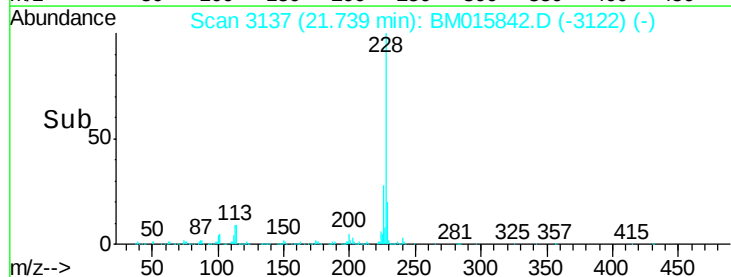
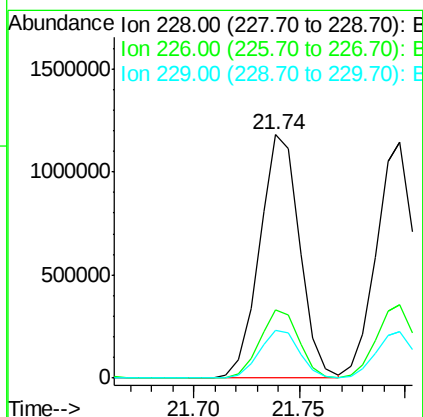
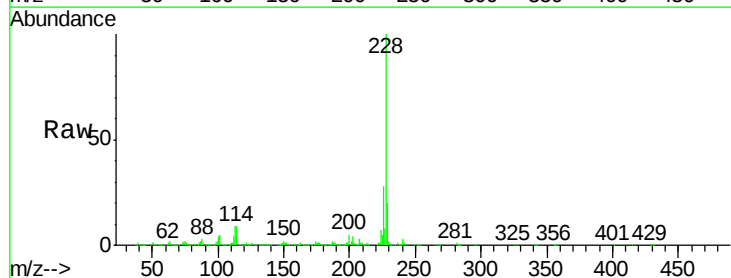
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

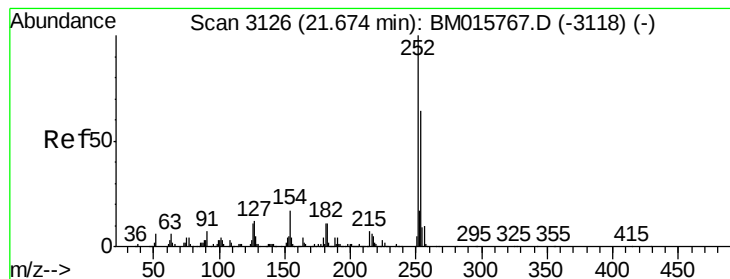
Tgt Ion:149 Resp: 709294
Ion Ratio Lower Upper
149 100
91 75.2 50.1 75.1#
206 18.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 50.841 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:228 Resp: 1550543
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.6 16.0 24.0

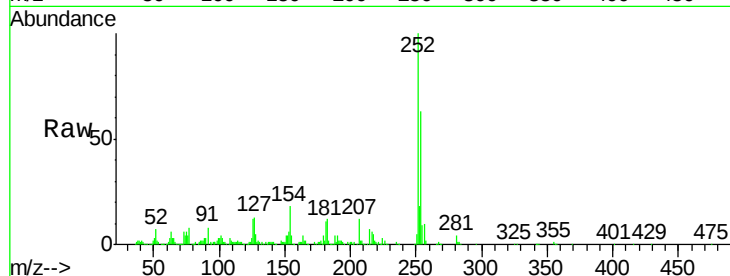




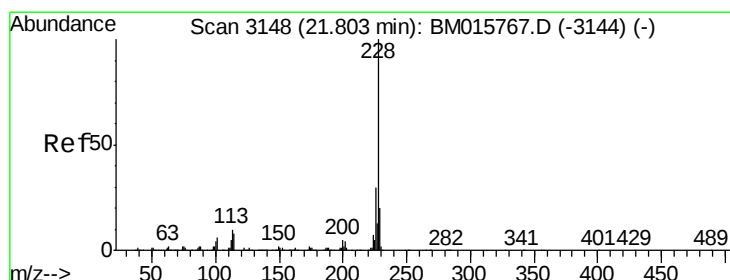
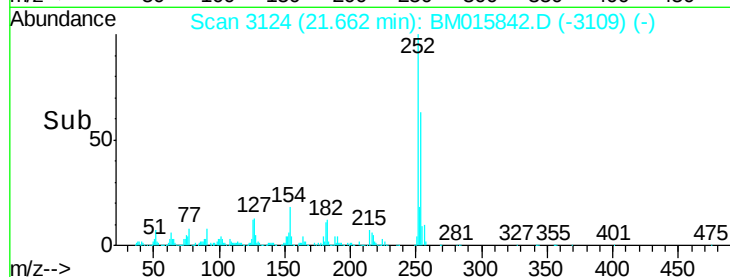
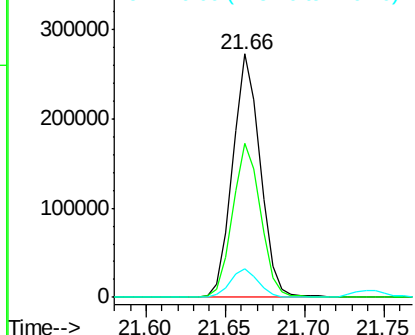
#81
 3,3'-Dichlorobenzidine
 Concen: 30.137 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tgt Ion:252 Resp: 330234
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.9 77.9
 126 11.8 9.8 14.8

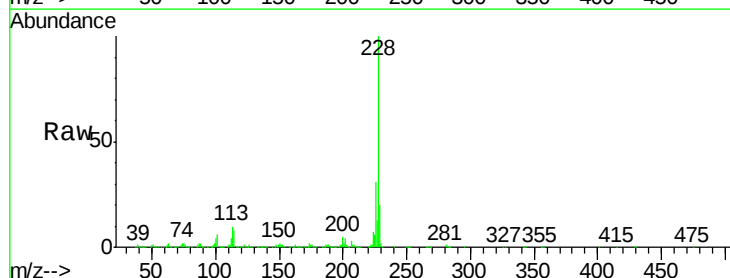


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

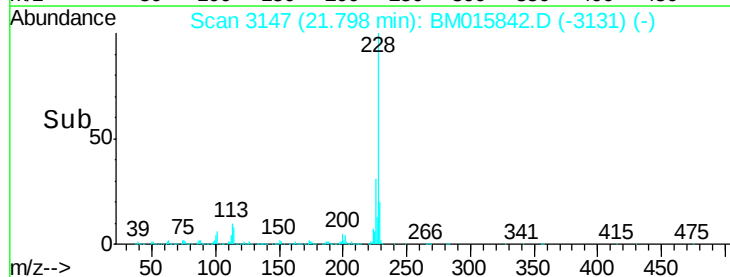
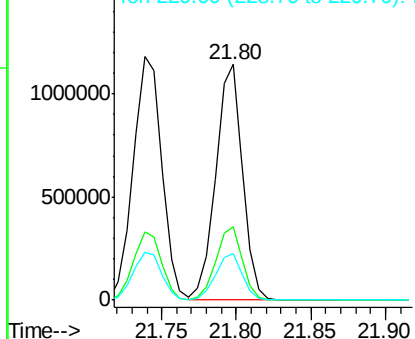


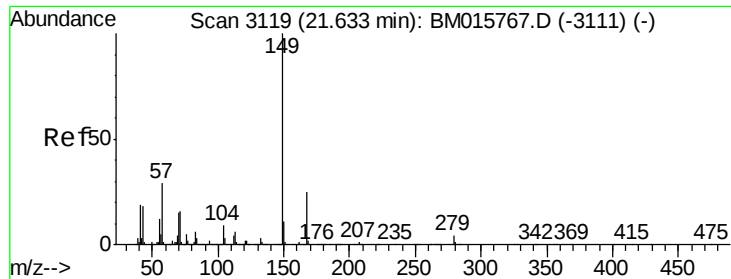
#82
 Chrysene
 Concen: 50.558 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:228 Resp: 1436383
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.1 36.1
 229 19.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

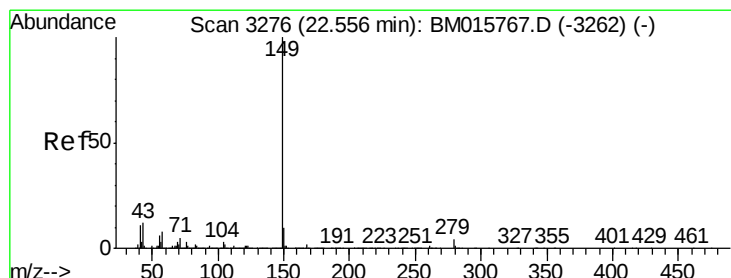
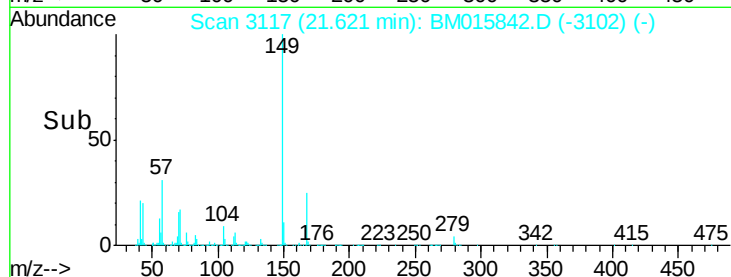
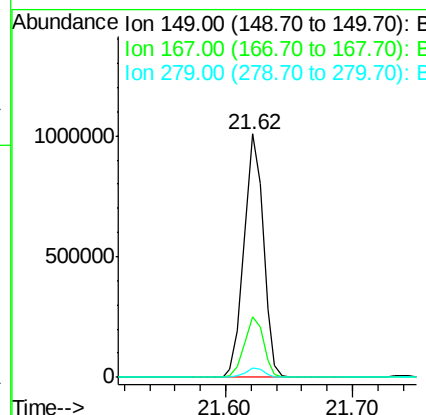
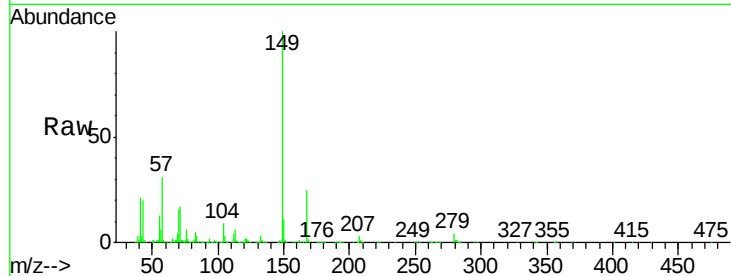




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.309 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

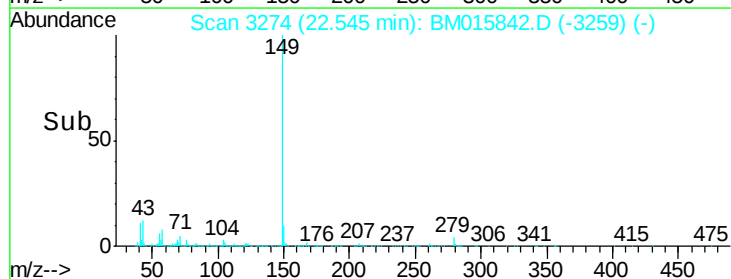
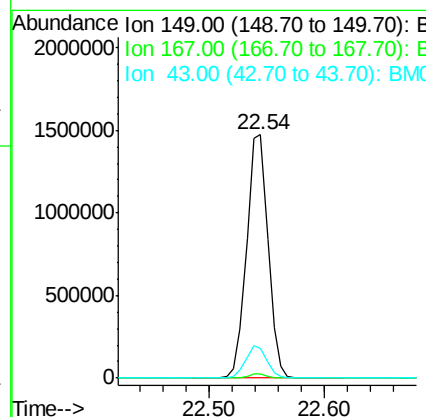
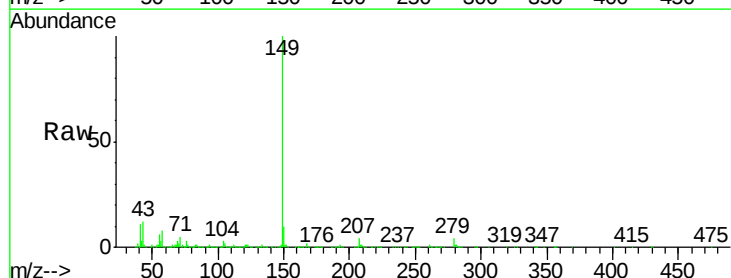
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

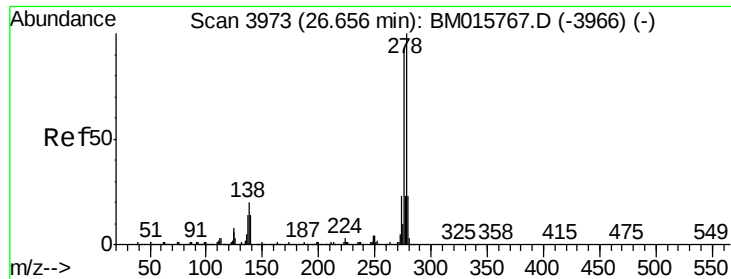
Tgt Ion:149 Resp: 1055263
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.4 33.6
 279 3.7 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 54.206 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:149 Resp: 1891582
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.3 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.778 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

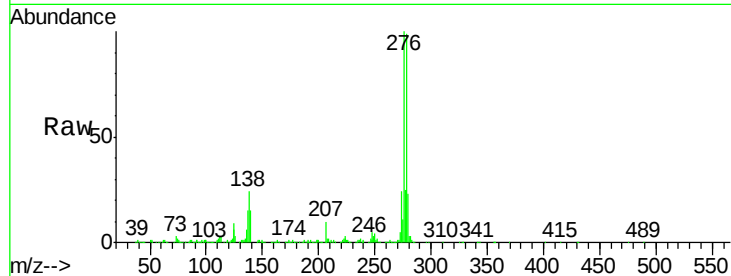
Tgt Ion:276 Resp: 1894628

Ion Ratio Lower Upper

276 100

138 22.6 12.0 18.0#

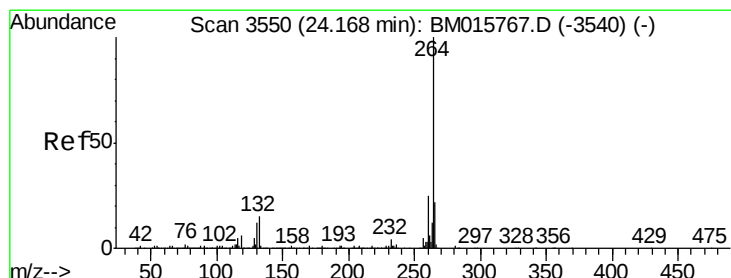
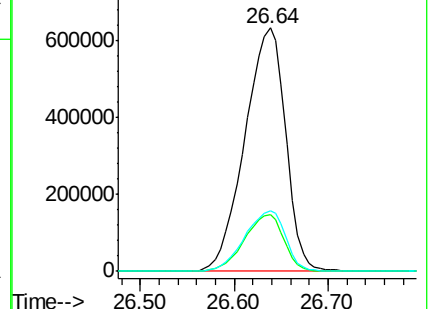
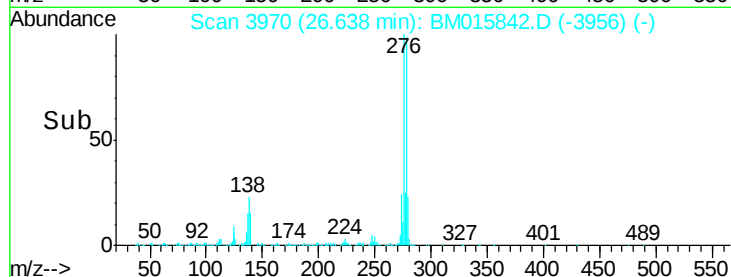
277 25.3 20.0 30.0



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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

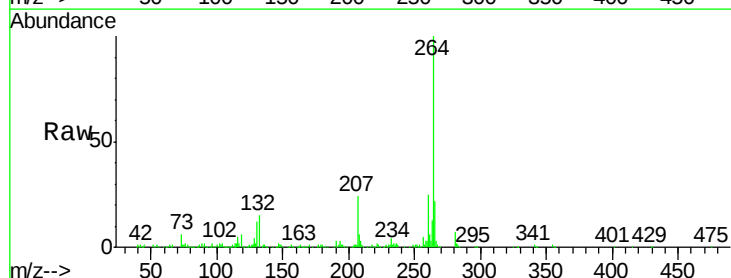
Tgt Ion:264 Resp: 488506

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

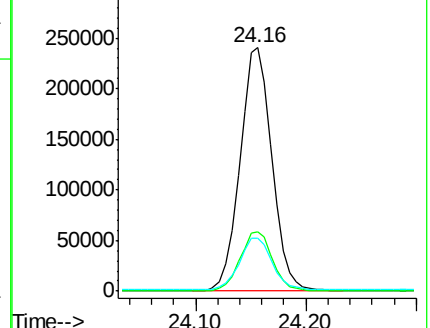
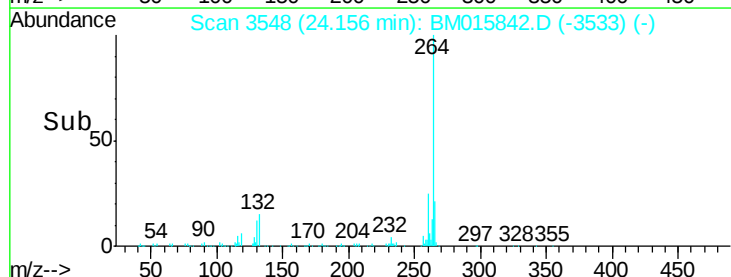
265 21.8 17.3 25.9

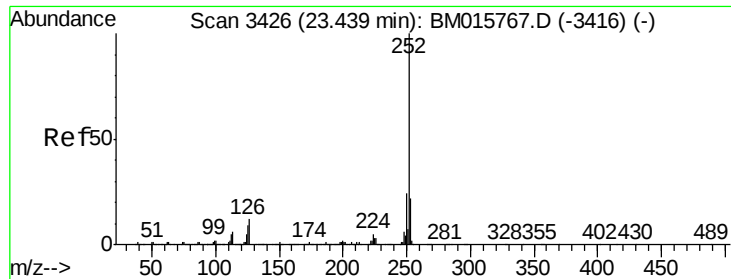


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

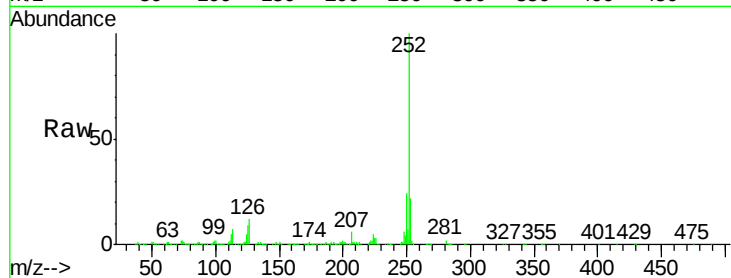




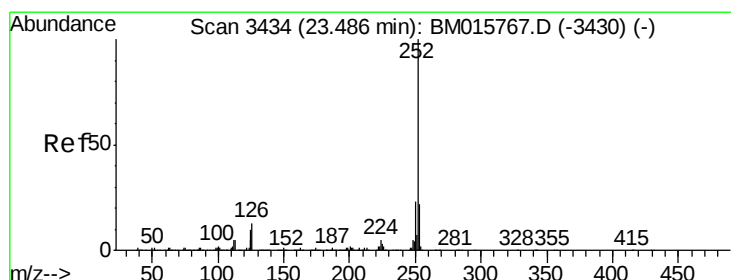
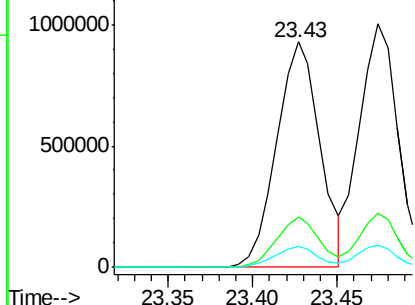
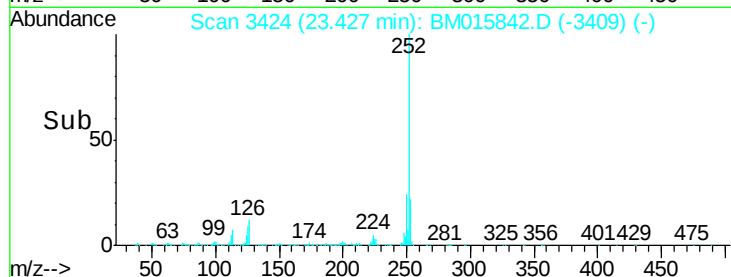
#87
Benzo(b)fluoranthene
Concen: 50.785 ng
RT: 23.43 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tgt Ion:252 Resp: 1656351
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.1 9.9 14.9#

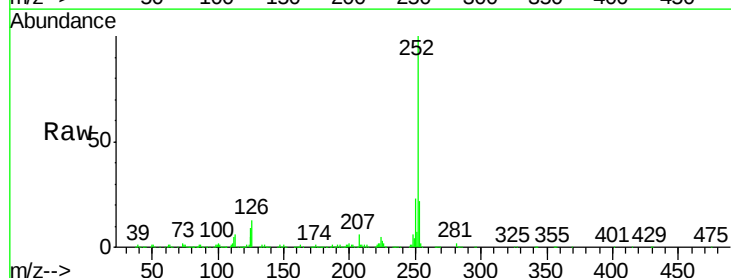


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

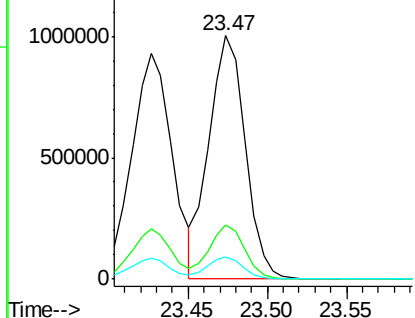
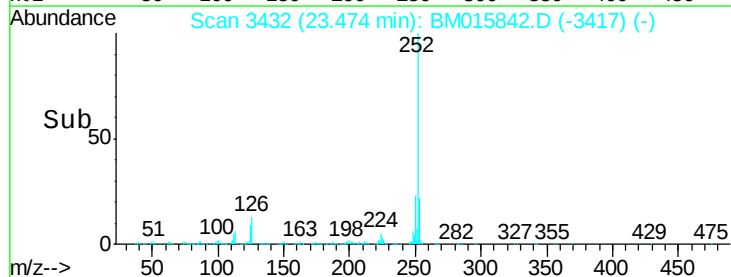


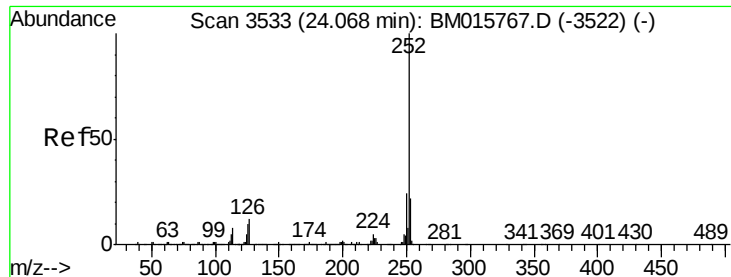
#88
Benzo(k)fluoranthene
Concen: 50.324 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:252 Resp: 1594393
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.981 ng

RT: 24.06 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

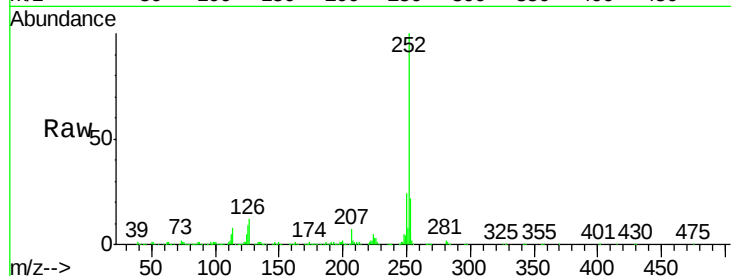
Tgt Ion:252 Resp: 1578492

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

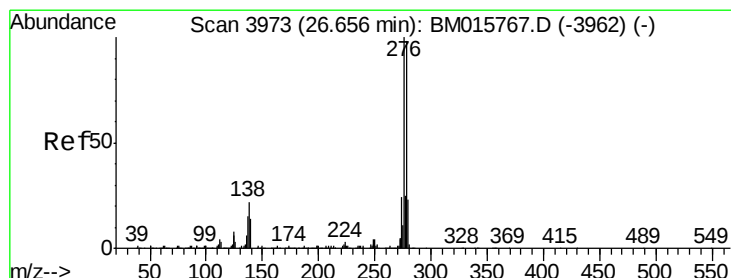
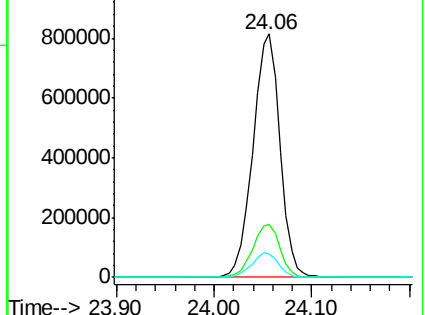
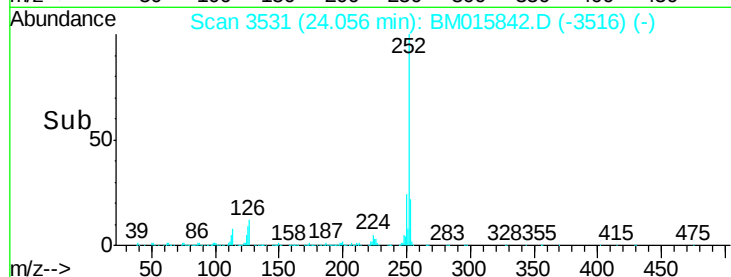
125 9.5 7.4 11.2



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: 62.839 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

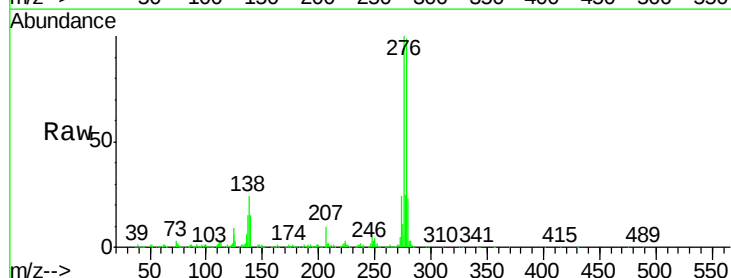
Tgt Ion:278 Resp: 1623193

Ion Ratio Lower Upper

278 100

139 15.0 13.4 20.0

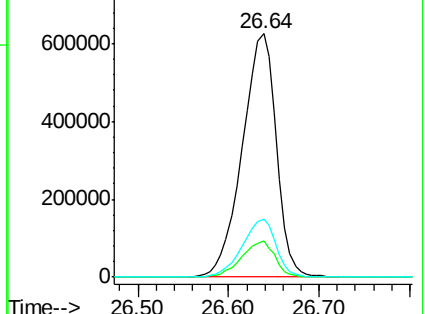
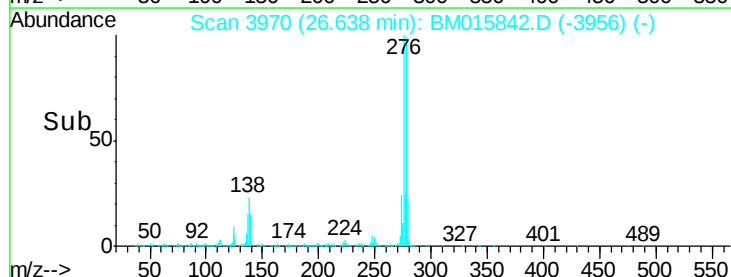
279 23.8 19.0 28.4

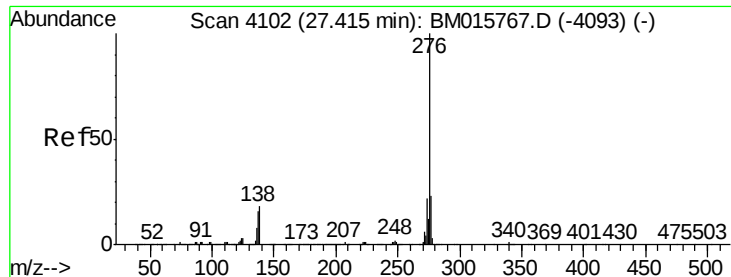


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 65.548 ng

RT: 27.40 min Scan# 4099

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tgt Ion: 276 Resp: 1487691

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 18.7 19.0 28.6#

