

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015790.D
 Acq On : 06 Jul 2018 07:43
 Operator : SJ/JU
 Sample : PB110755BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 08:46:43 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	8.31	152	126514	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	539019	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	313100	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	675761	20.00	ng	0.00
75) Chrysene-d12	21.76	240	634543	20.00	ng	0.00
86) Perylene-d12	24.17	264	480407	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.81	112	759539	102.96	ng	0.00
7) Phenol-d6	7.46	99	1001649	99.18	ng	0.00
23) Nitrobenzene-d5	9.50	82	1084029	98.12	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	430785	105.30	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2550546	101.13	ng	0.00
78) Terphenyl-d14	20.22	244	3828786	111.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	102192	33.495	ng	# 100
3) Pyridine	4.00	79	277153	34.425	ng	# 79
4) n-Nitrosodimethylamine	3.92	42	261740	41.752	ng	# 42
6) Aniline	7.63	93	388473	31.727	ng	94
8) 2-Chlorophenol	7.87	128	438556	49.533	ng	95
9) Benzaldehyde	7.45	77	211612	33.244	ng	90
10) Phenol	7.49	94	507355	49.997	ng	93
11) bis(2-Chloroethyl)ether	7.73	93	352733	42.730	ng	88
12) 1,3-Dichlorobenzene	8.19	146	426315	43.429	ng	# 92
13) 1,4-Dichlorobenzene	8.35	146	437361	43.085	ng	# 94
14) 1,2-Dichlorobenzene	8.67	146	434282	44.236	ng	94
15) Benzyl Alcohol	8.56	79	406523	46.365	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	565509	62.727	ng	99
17) 2-Methylphenol	8.76	107	359606	51.150	ng	# 86
18) Hexachloroethane	9.39	117	184421	45.946	ng	96
19) n-Nitroso-di-n-propylamine	9.13	70	339513	41.830	ng	# 78
20) 3+4-Methylphenols	9.09	107	481852	49.342	ng	89
22) Acetophenone	9.15	105	634534	45.190	ng	# 87
24) Nitrobenzene	9.55	77	520294	48.382	ng	97
25) Isophorone	10.06	82	884939	52.481	ng	95
26) 2-Nitrophenol	10.26	139	233302	50.382	ng	# 63
27) 2,4-Dimethylphenol	10.30	122	406765	57.823	ng	# 86
28) bis(2-Chloroethoxy)methane	10.54	93	529022	48.156	ng	99
29) 2,4-Dichlorophenol	10.79	162	432440	55.504	ng	98
30) 1,2,4-Trichlorobenzene	11.00	180	434239	47.986	ng	97
31) Naphthalene	11.19	128	1329743	47.583	ng	99
32) Benzoic acid	10.50	122	244001	39.176	ng	89
33) 4-Chloroaniline	11.30	127	213391	18.729	ng	# 89
34) Hexachlorobutadiene	11.45	225	284673	47.136	ng	97
35) Caprolactam	12.13	113	109867	42.520	ng	88
36) 4-Chloro-3-methylphenol	12.42	107	476945	53.351	ng	89
37) 2-Methylnaphthalene	12.78	142	1029153	51.769	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	511017	50.852	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	608753	123.849	ng	99

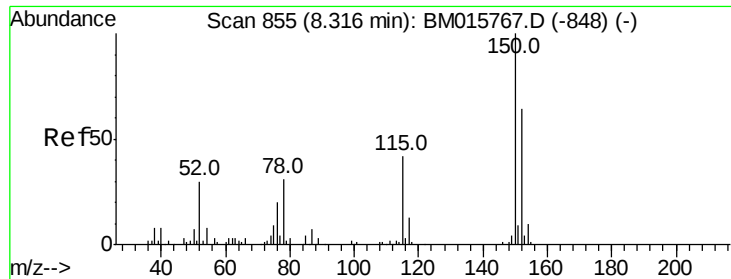
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015790.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	342691	53.948	nq	98
43) 2,4,5-Trichlorophenol	13.46	196	361230	52.643	nq #	86
45) 1,1'-Biphenyl	13.77	154	1321330	48.811	nq	99
46) 2-Chloronaphthalene	13.82	162	1014311	50.114	nq #	91
47) 2-Nitroaniline	14.03	65	348736	49.408	nq	83
48) Acenaphthylene	14.66	152	1669320	50.700	nq	99
49) Dimethylphthalate	14.39	163	1328494	48.111	nq	99
50) 2,6-Dinitrotoluene	14.52	165	279628	51.937	nq #	76
51) Acenaphthene	15.00	154	967271	47.211	nq	97
52) 3-Nitroaniline	14.85	138	160763	27.280	nq #	81
53) 2,4-Dinitrophenol	15.07	184	281330	102.282	nq	94
54) Dibenzofuran	15.33	168	1572434	49.807	nq #	88
55) 4-Nitrophenol	15.16	139	456034	104.855	nq #	69
56) 2,4-Dinitrotoluene	15.30	165	399319	51.373	nq	95
57) Fluorene	15.97	166	1286924	49.432	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	320697	55.384	nq #	100
59) Diethylphthalate	15.73	149	1413604	47.771	nq	97
60) 4-Chlorophenyl-phenylether	15.95	204	651936	48.665	nq	90
61) 4-Nitroaniline	16.01	138	265925	43.499	nq #	39
62) Azobenzene	16.25	77	1465804	52.845	nq	81
64) 4,6-Dinitro-2-methylphenol	16.07	198	196856	47.919	nq	89
65) n-Nitrosodiphenylamine	16.17	169	1100834	47.542	nq	98
66) 4-Bromophenyl-phenylether	16.84	248	391388	51.874	nq #	83
67) Hexachlorobenzene	16.96	284	423770	50.263	nq #	77
68) Atrazine	17.10	200	400133	52.536	nq	99
69) Pentachlorophenol	17.31	266	476342	91.305	nq	98
70) Phenanthrene	17.70	178	1916234	49.565	nq	99
71) Anthracene	17.79	178	1959675	51.615	nq	99
72) Carbazole	18.06	167	1729650	48.888	nq	99
73) Di-n-butylphthalate	18.57	149	2343521	49.144	nq #	98
74) Fluoranthene	19.68	202	2127660	47.872	nq	99
76) Benzidine	19.86	184	754568	40.587	nq	99
77) Pyrene	20.04	202	2137692	54.082	nq	100
79) Butylbenzylphthalate	20.89	149	1013677	53.053	nq #	86
80) Benzo(a)anthracene	21.75	228	2006596	49.876	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	362958	25.109	nq	98
82) Chrysene	21.80	228	1845955	49.255	nq	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1432688	50.748	nq	96
84) Di-n-octyl phthalate	22.55	149	2224000	48.313	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1476194	42.395	nq #	93
87) Benzo(b)fluoranthene	23.44	252	1666473	51.957	nq #	96
88) Benzo(k)fluoranthene	23.49	252	1577627	50.635	nq	99
89) Benzo(a)pyrene	24.07	252	1472802	52.164	nq	100
90) Dibenzo(a,h)anthracene	26.65	278	1259203	49.569	nq	98
91) Benzo(g,h,i)perylene	27.41	276	1140138	51.081	nq #	94

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

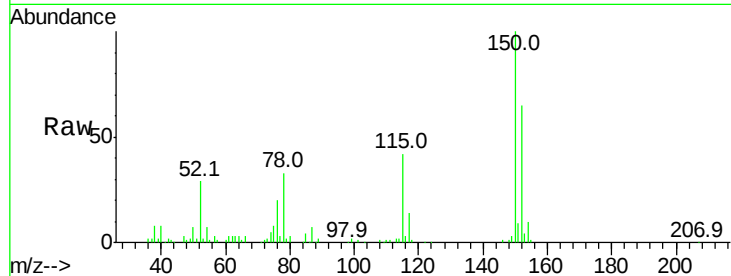


#1

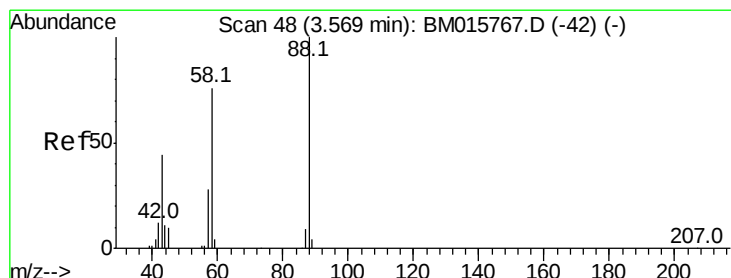
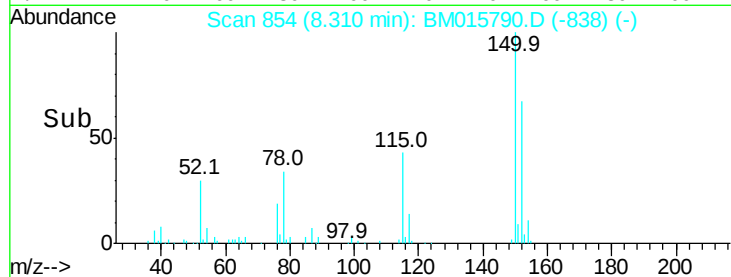
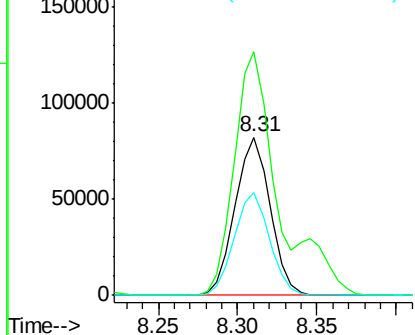
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 126514
Ion Ratio Lower Upper
152 100
150 153.7 119.5 179.3
115 64.6 43.0 64.4#



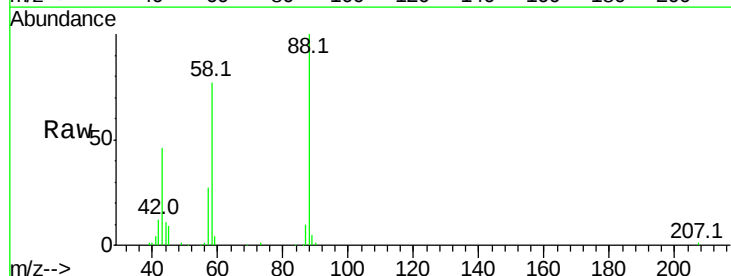
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



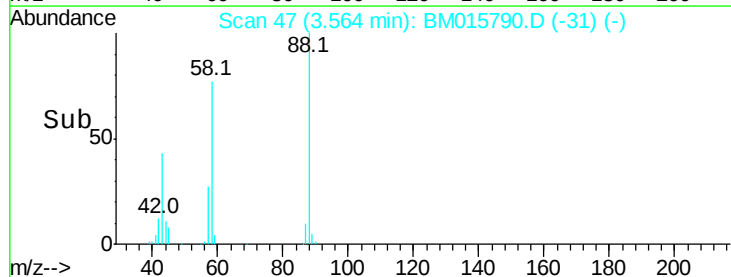
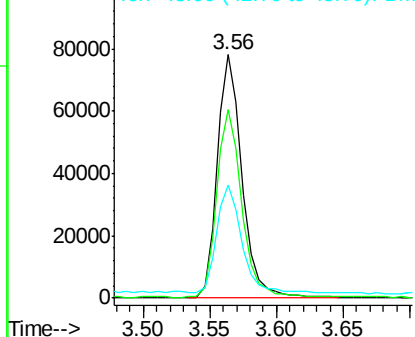
#2

1,4-Dioxane
Concen: 33.495 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion: 88 Resp: 102192
Ion Ratio Lower Upper
88 100
58 79.9 0.0 0.0#
43 44.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.425 ng

RT: 4.00 min Scan# 122

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampled :

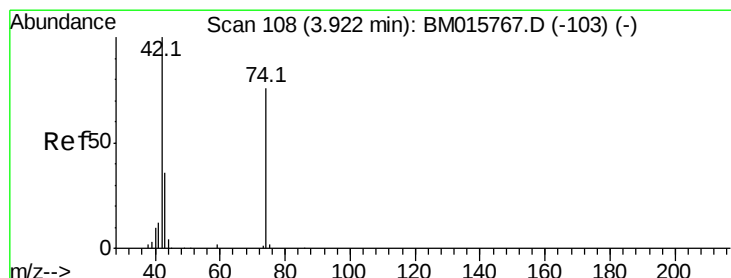
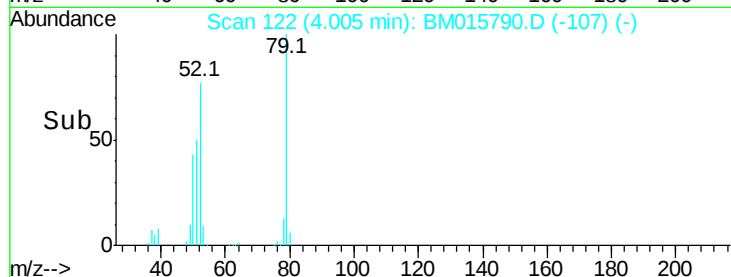
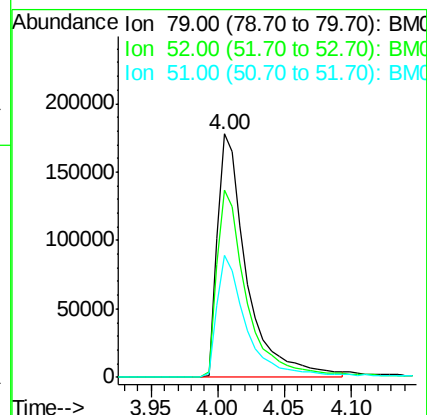
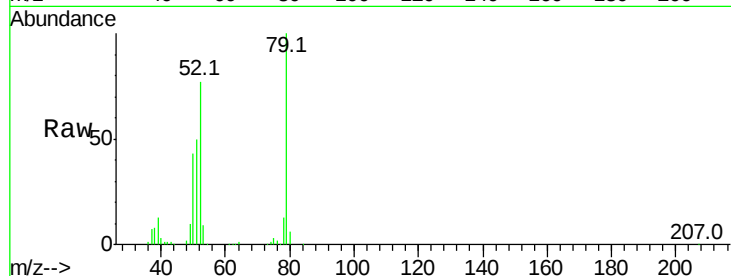
Tot Ion: 79 Resp: 277153

Ion Ratio Lower Upper

79 100

52 76.8 51.1 76.7#

51 50.0 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 41.752 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

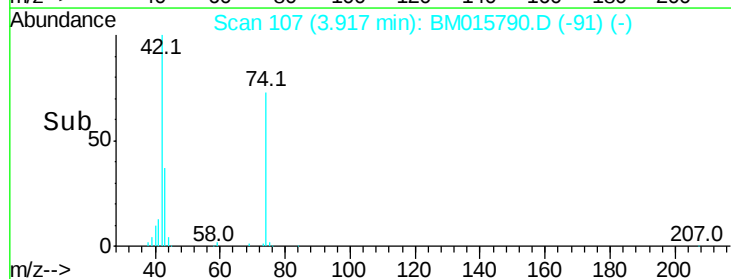
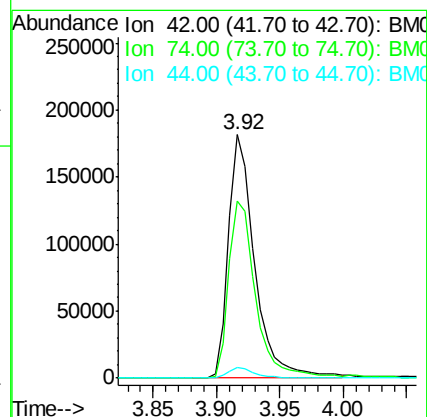
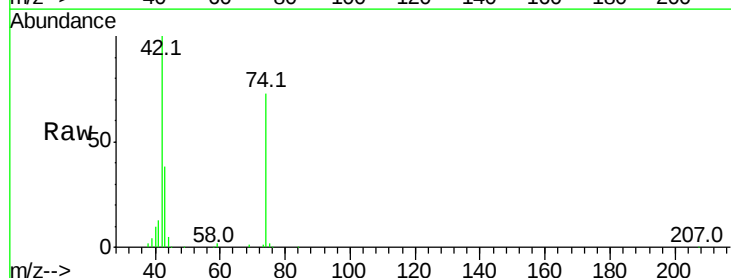
Tgt Ion: 42 Resp: 261740

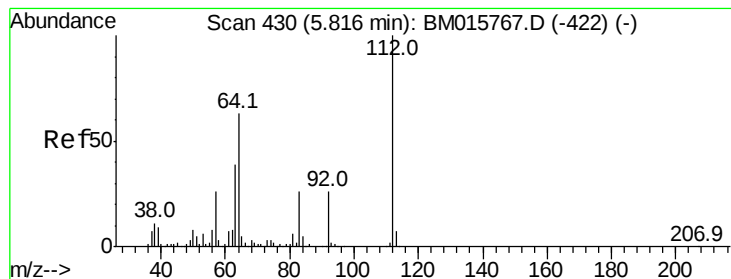
Ion Ratio Lower Upper

42 100

74 72.9 119.3 178.9#

44 4.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 41.752 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

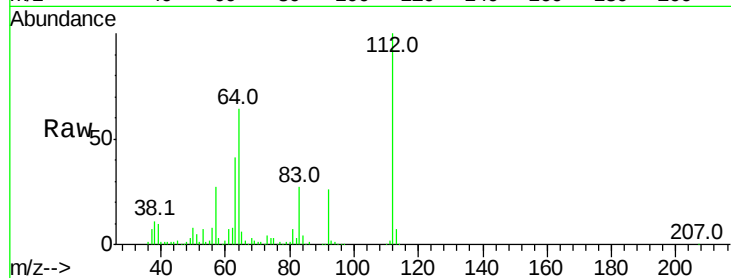
Tot Ion:112 Resp: 759539

Ion Ratio Lower Upper

112 100

64 64.0 38.6 57.8#

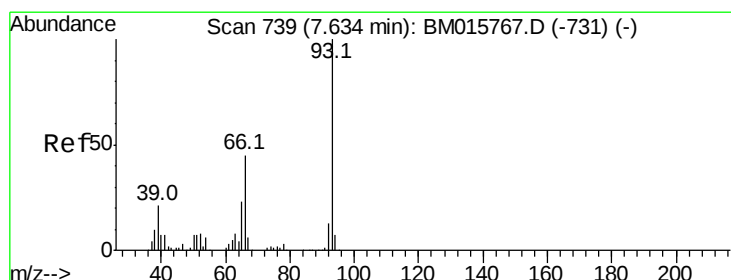
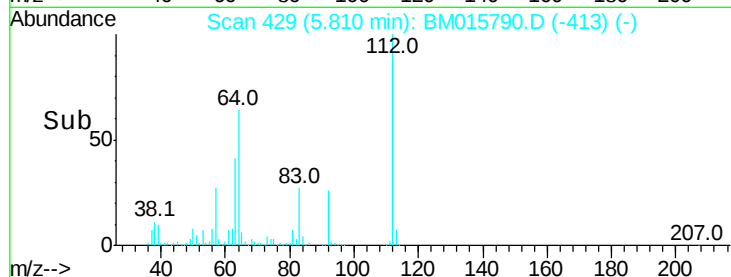
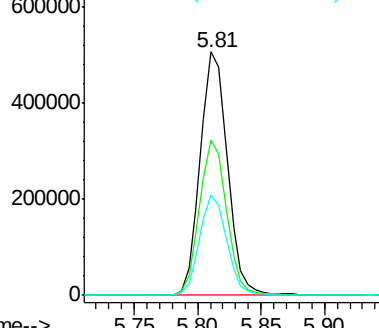
63 41.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 31.727 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

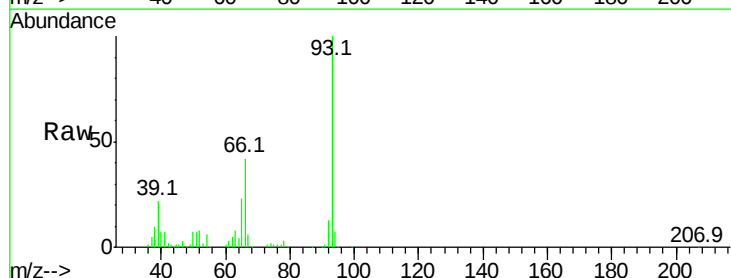
Tgt Ion: 93 Resp: 388473

Ion Ratio Lower Upper

93 100

66 42.3 30.8 46.2

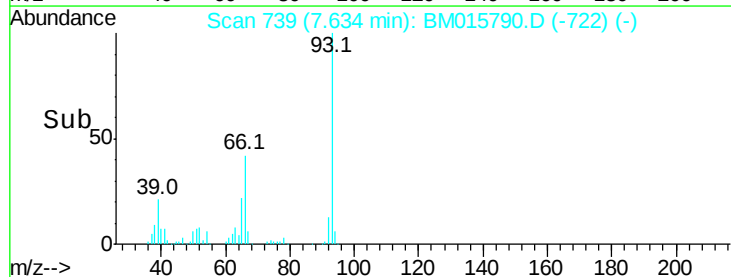
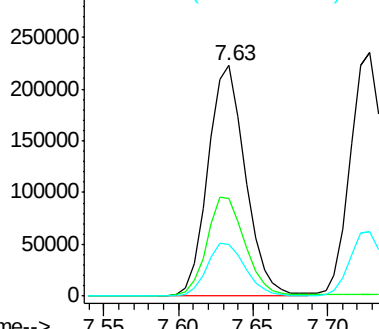
65 22.5 16.0 24.0

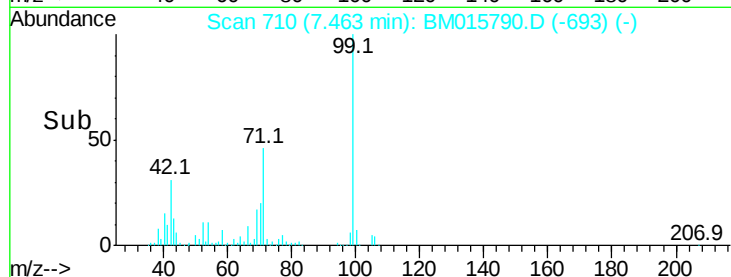
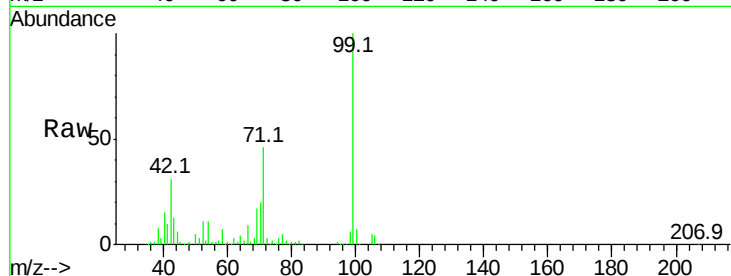


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 31.727 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

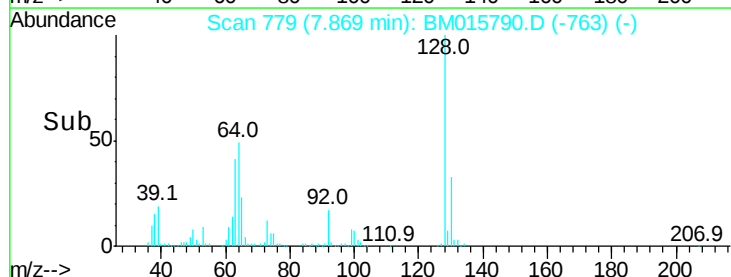
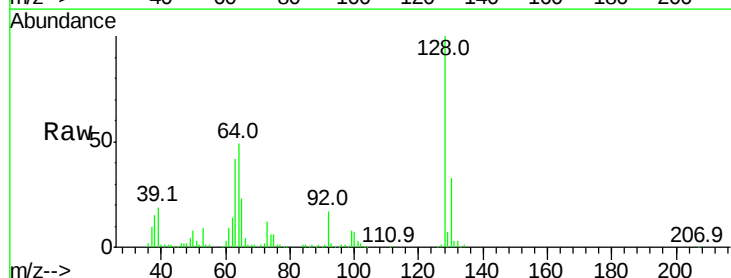
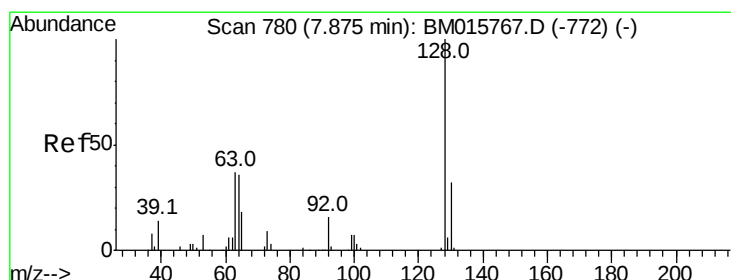
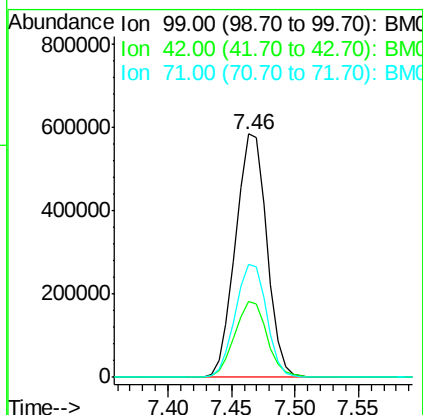
Tot Ion: 99 Resp: 1001649

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.5 23.4 35.2#



#8

2-Chlorophenol

Concen: 49.533 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

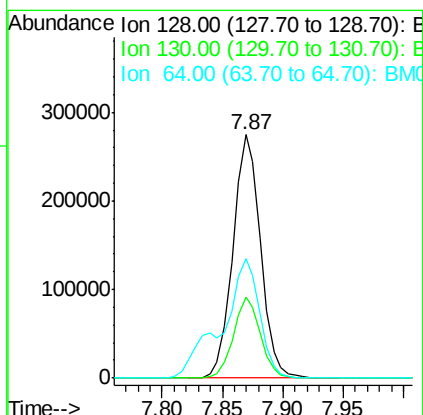
Tgt Ion: 128 Resp: 438556

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 49.2 24.9 64.9





#9

Benzaldehyde

Concen: 33.244 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

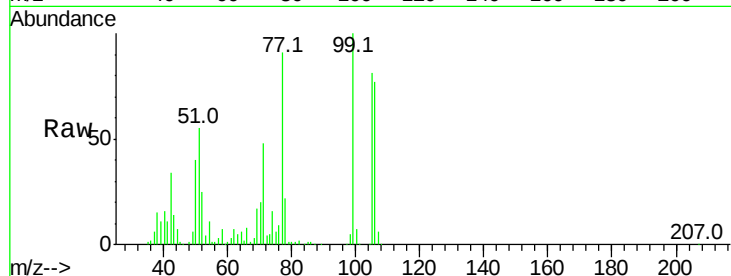
Tot Ion: 77 Resp: 211612

Ion Ratio Lower Upper

77 100

105 88.8 78.8 118.8

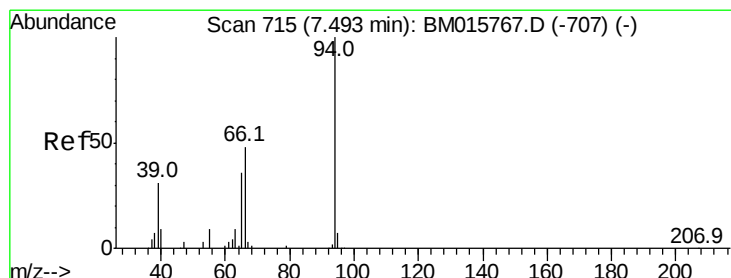
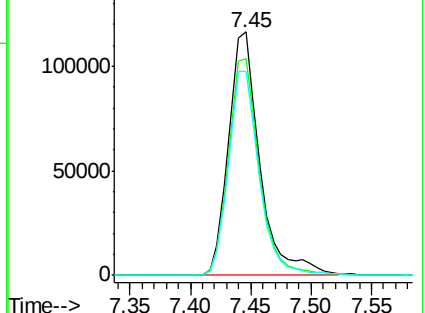
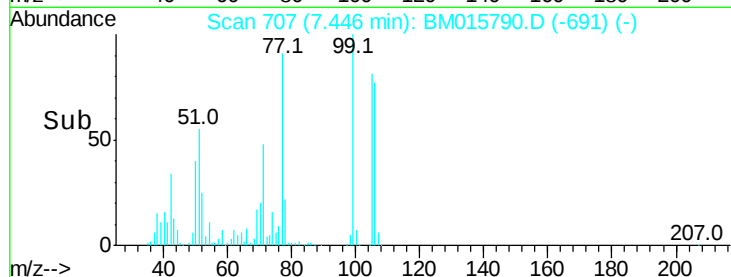
106 83.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015767.D (-700) (-)

Ion 105.00 (104.70 to 105.70): BM015767.D (-700) (-)

Ion 106.00 (105.70 to 106.70): BM015767.D (-700) (-)



#10

Phenol

Concen: 49.997 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

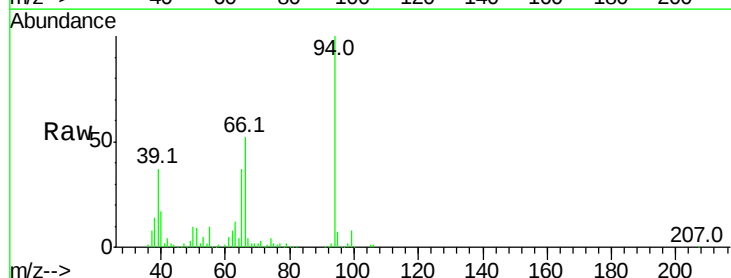
Tgt Ion: 94 Resp: 507355

Ion Ratio Lower Upper

94 100

65 37.0 18.8 58.8

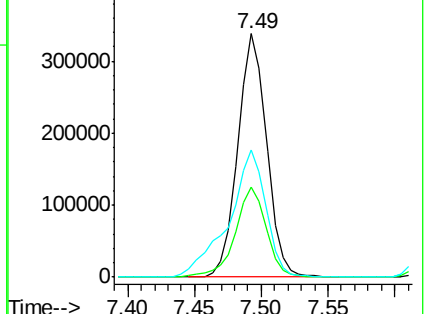
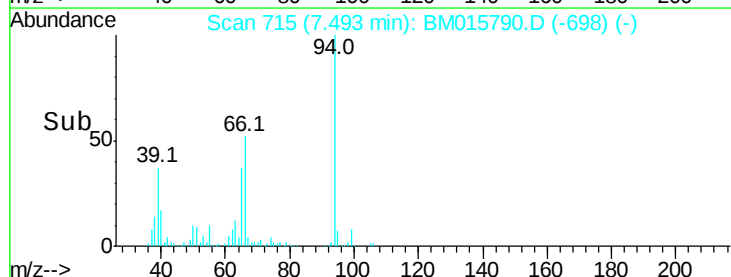
66 52.0 39.9 79.9

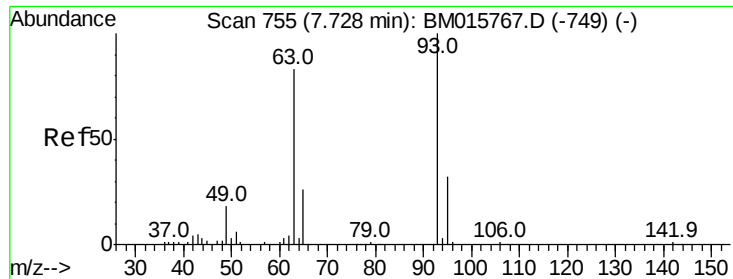


Abundance Ion 94.00 (93.70 to 94.70): BM015767.D (-707) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-707) (-)

Ion 66.00 (65.70 to 66.70): BM015767.D (-707) (-)

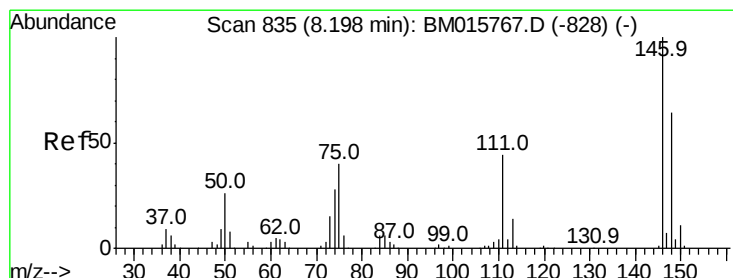
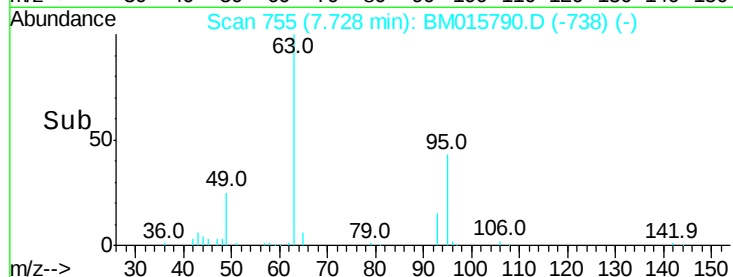
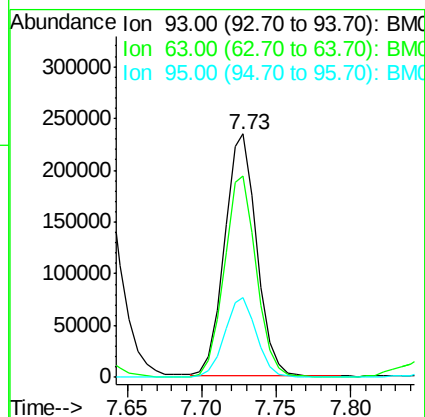
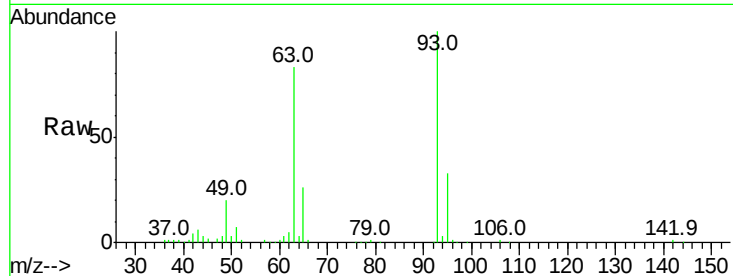




#11
bis(2-Chloroethyl)ether
Concen: 42.730 ng
RT: 7.73 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

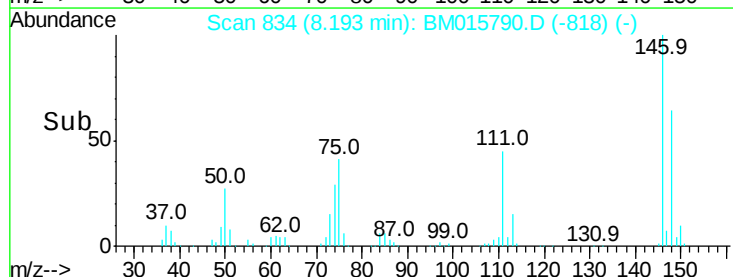
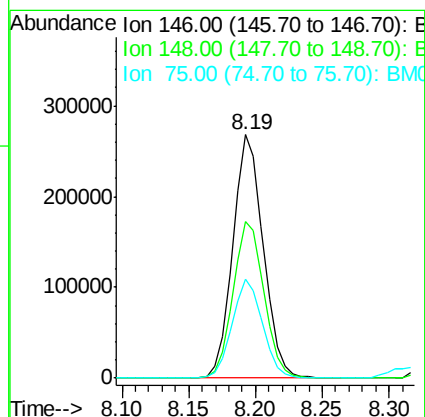
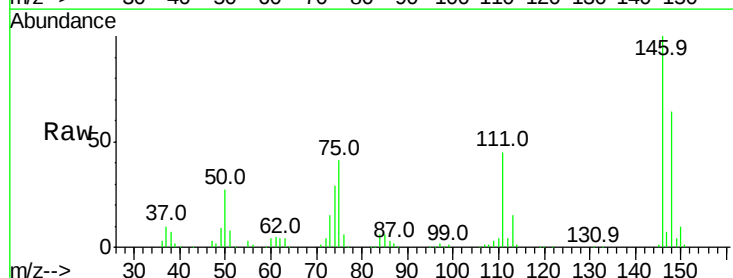
Instrument :
BNA_M
ClientSampleId :

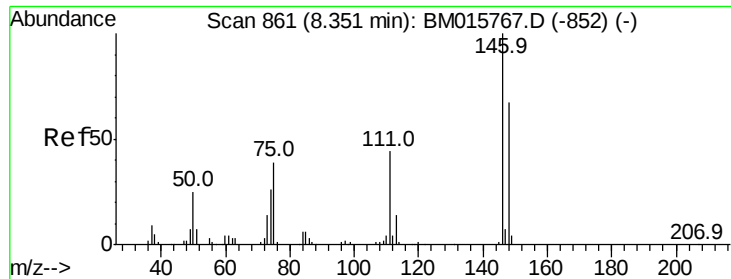
Tot Ion: 93 Resp: 352733
Ion Ratio Lower Upper
93 100
63 82.9 49.5 89.5
95 32.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 43.429 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion: 146 Resp: 426315
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 40.7 21.4 32.2#

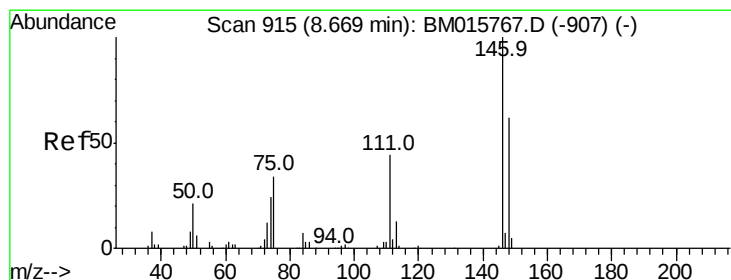
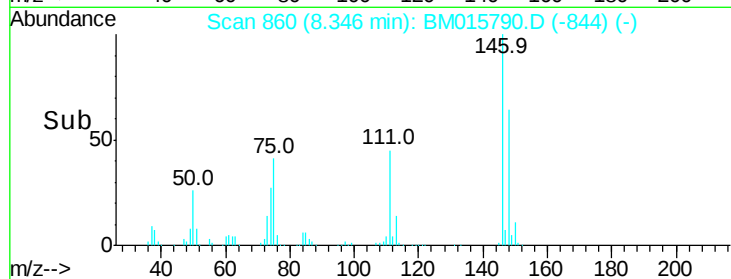
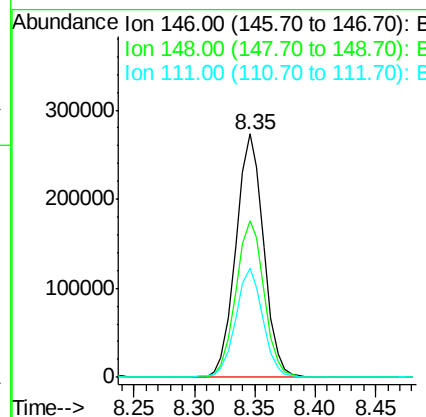
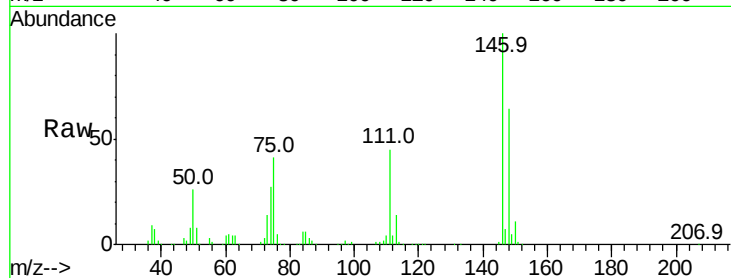




#13
 1,4-Dichlorobenzene
 Concen: 43.085 ng
 RT: 8.35 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

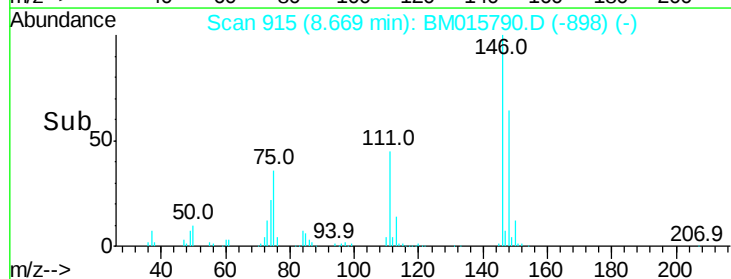
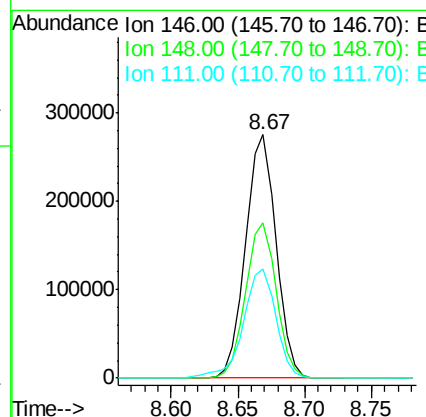
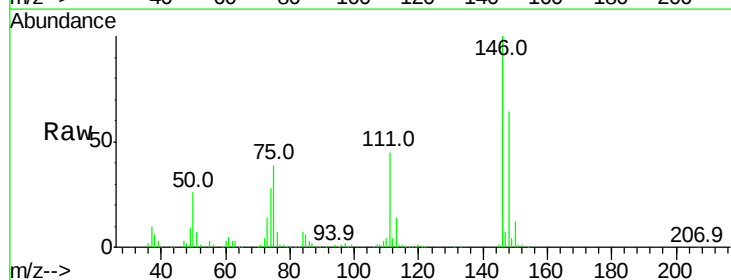
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 437361
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 44.8 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 44.236 ng
 RT: 8.67 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion:146 Resp: 434282
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.3 78.5
 111 45.0 30.6 45.8





#15

Benzyl Alcohol

Concen: 46.365 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampled :

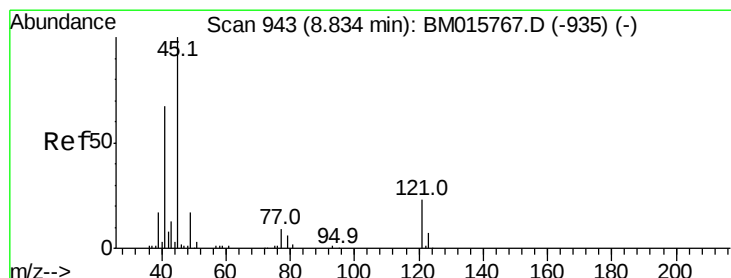
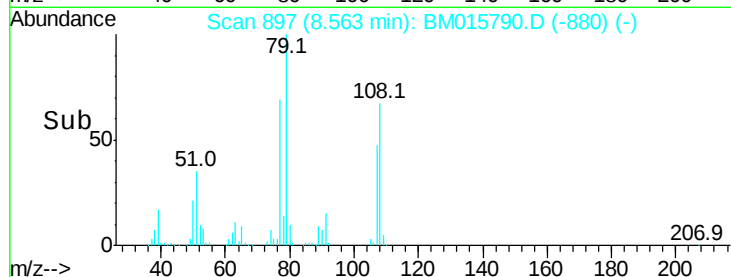
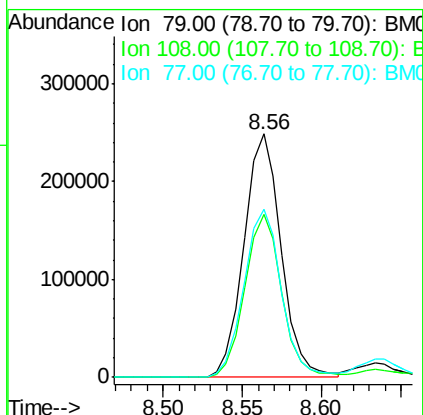
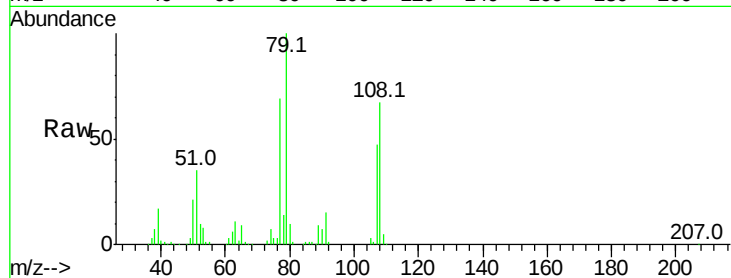
Tot Ion: 79 Resp: 406523

Ion Ratio Lower Upper

79 100

108 66.7 65.0 97.4

77 68.8 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.727 ng

RT: 8.84 min Scan# 944

Delta R.T. 0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

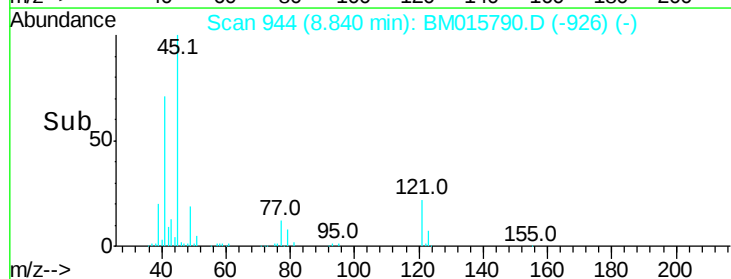
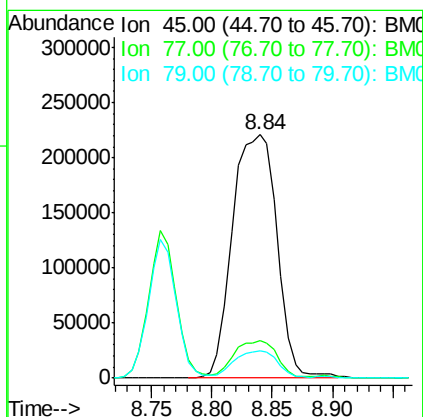
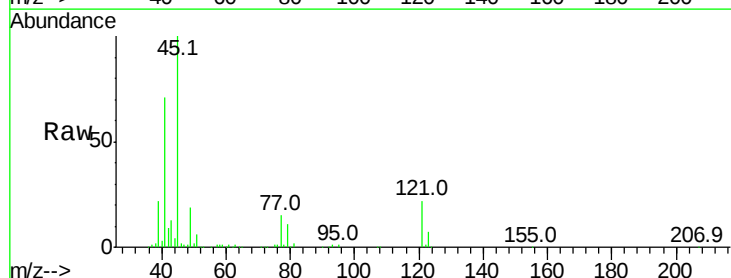
Tgt Ion: 45 Resp: 565509

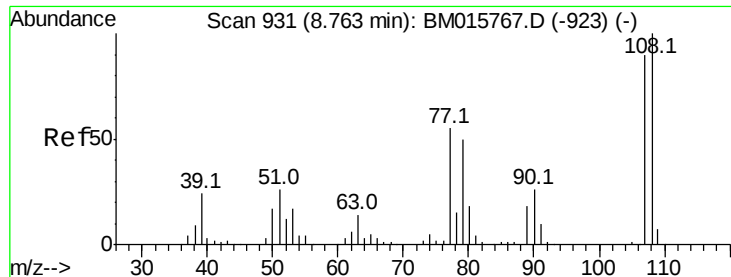
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.2

79 11.2 0.0 32.0

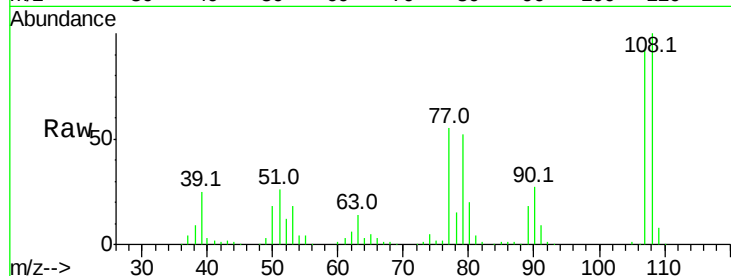




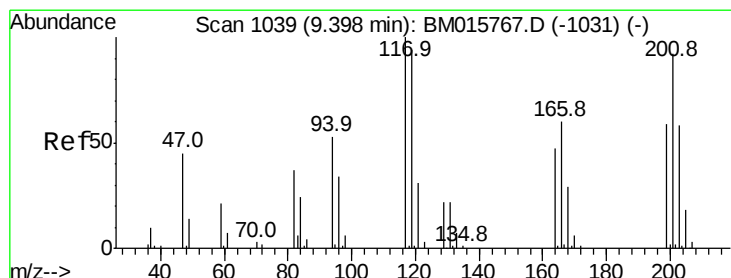
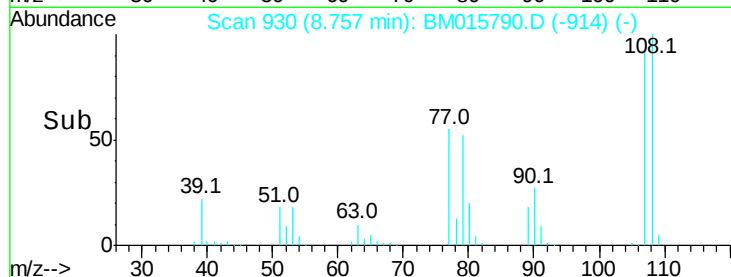
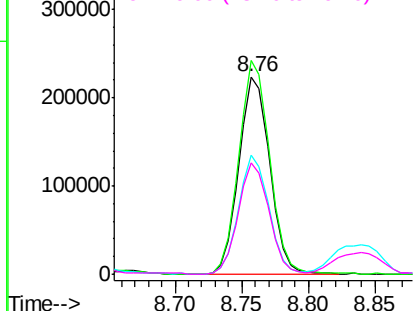
#17
2-Methylphenol
Concen: 51.150 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 359606
Ion Ratio Lower Upper
107 100
108 108.3 89.8 134.8
77 60.0 32.6 48.8#
79 56.4 32.8 49.2#

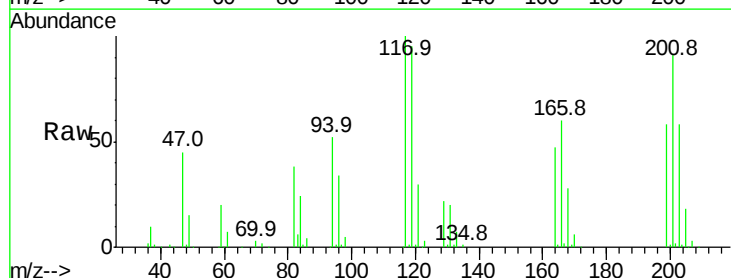


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

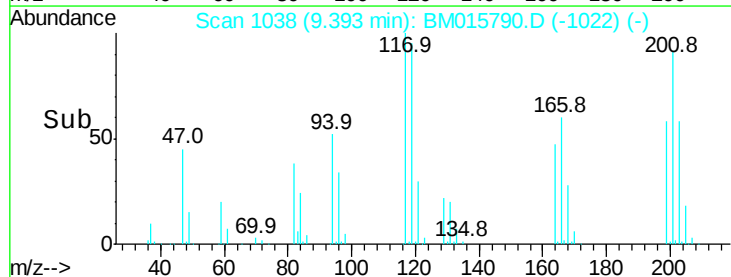
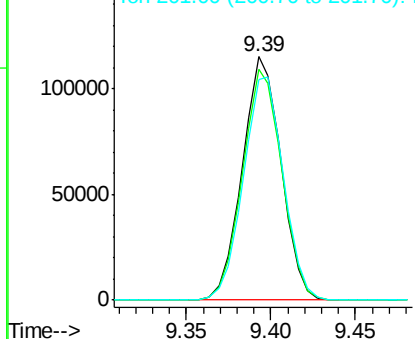


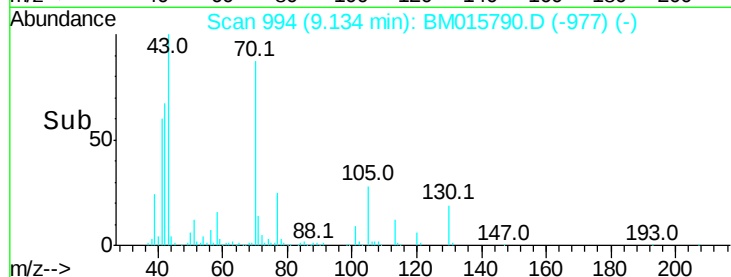
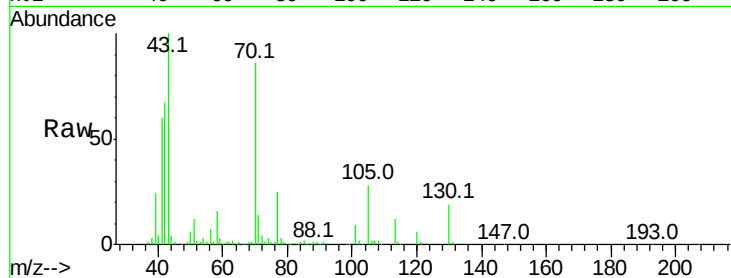
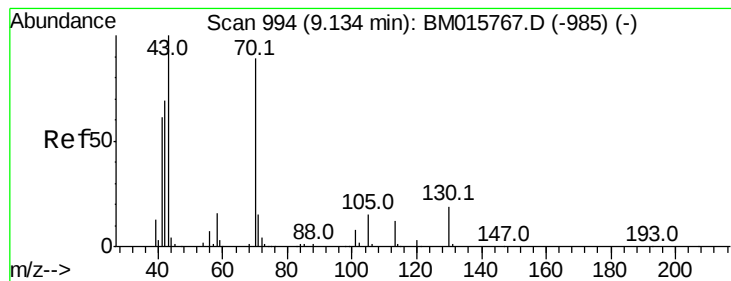
#18
Hexachloroethane
Concen: 45.946 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:117 Resp: 184421
Ion Ratio Lower Upper
117 100
119 94.8 79.2 118.8
201 90.7 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: 41.830 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 339513

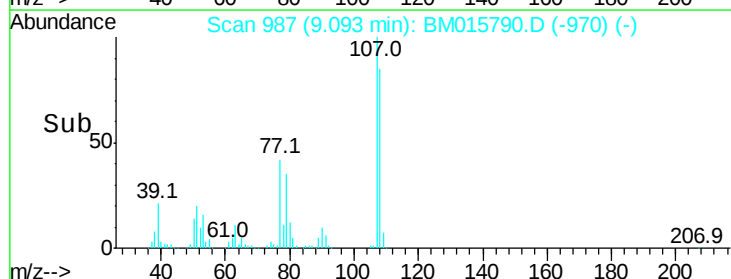
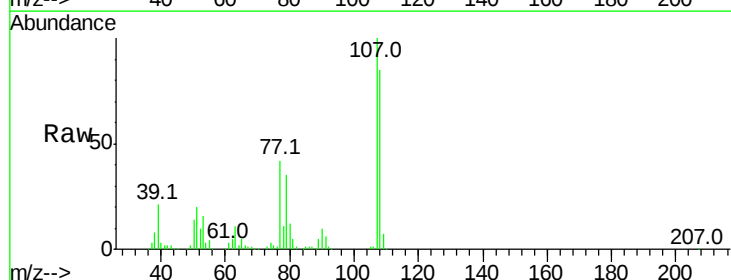
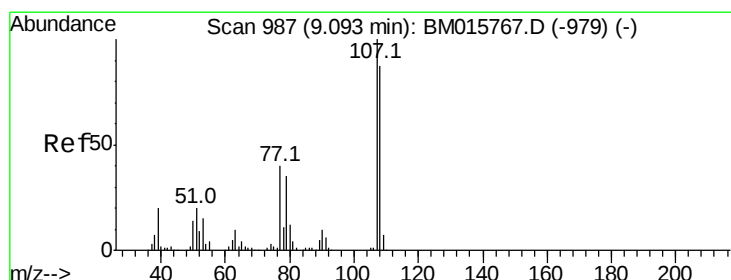
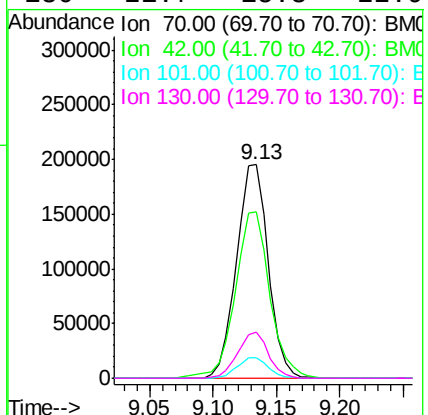
Ion Ratio Lower Upper

70 100

42 77.8 44.5 66.7#

101 9.9 7.4 11.2

130 21.7 15.3 22.9



#20

3+4-Methylphenols

Concen: 49.342 ng

RT: 9.09 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion: 107 Resp: 481852

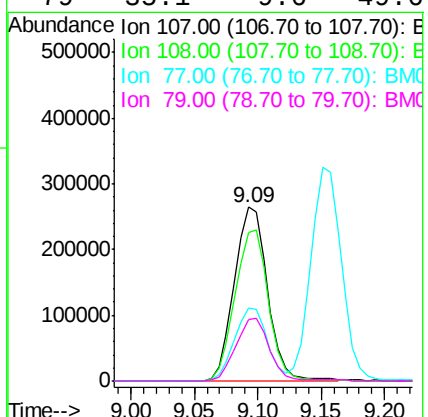
Ion Ratio Lower Upper

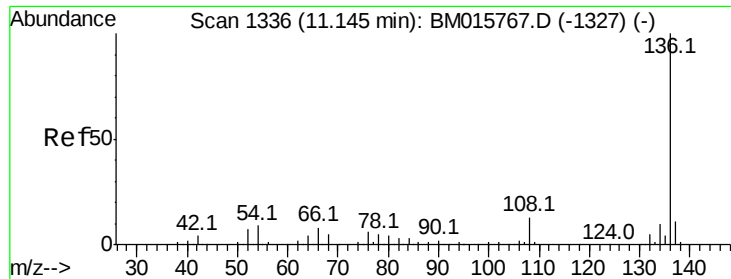
107 100

108 85.4 73.2 113.2

77 41.6 10.7 50.7

79 35.1 9.6 49.6

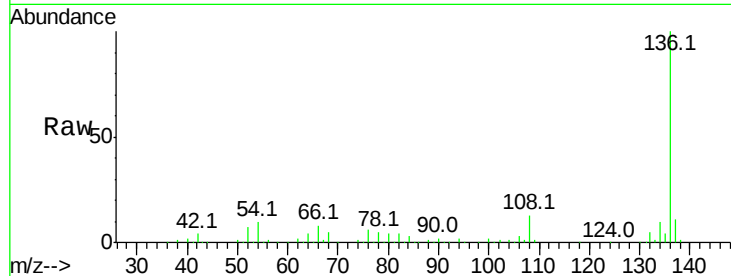




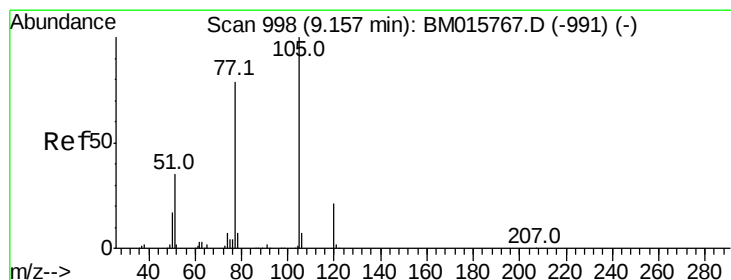
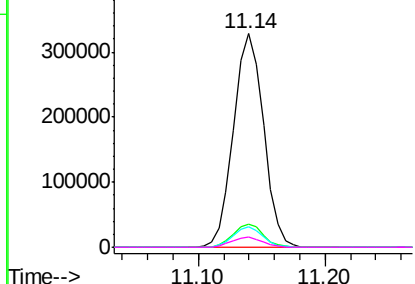
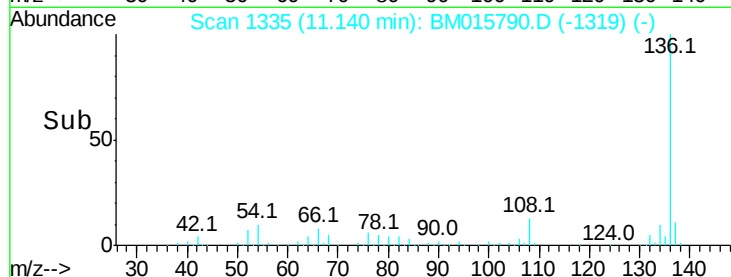
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	539019
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.5	4.6	6.8#
68	4.7	3.7	5.5

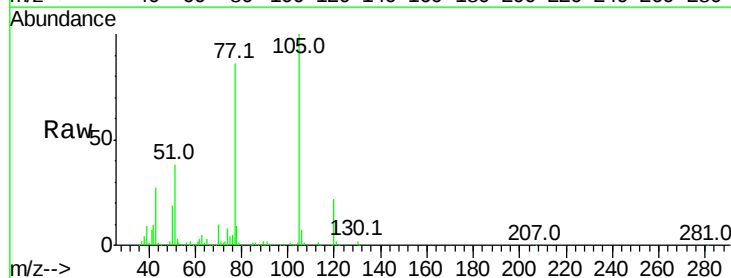


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

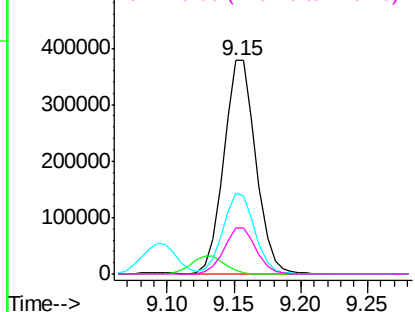
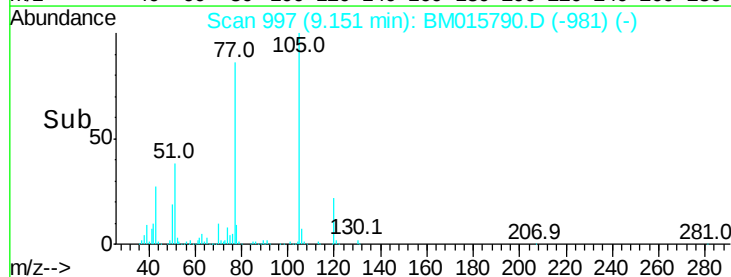


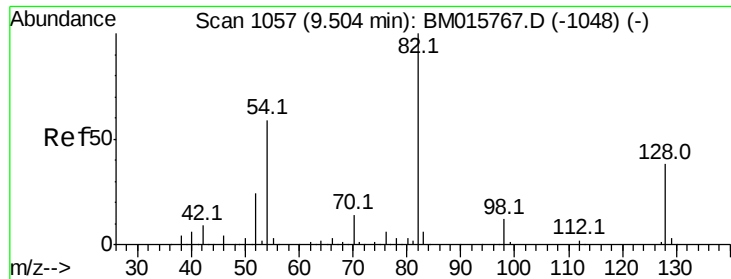
#22
Acetophenone
Concen: 45.190 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:	105	Resp:	634534
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.6	1.0#
51	38.0	21.6	32.4#
120	21.6	16.1	24.1



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

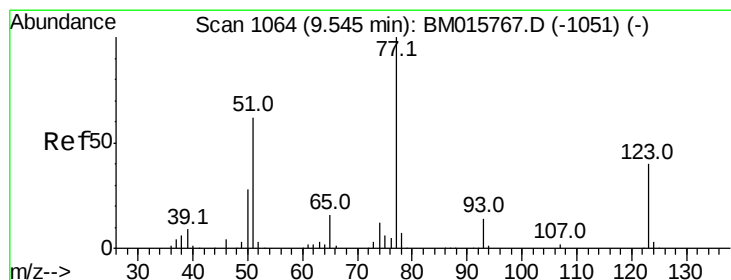
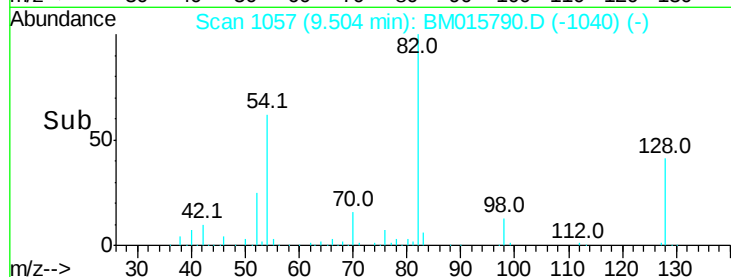
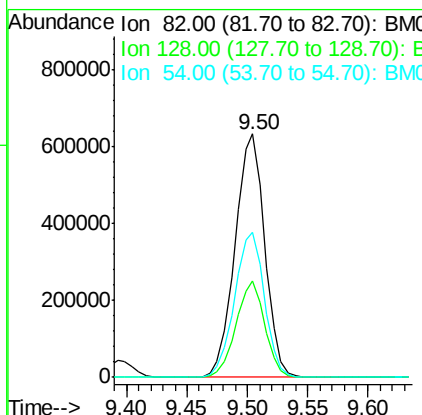
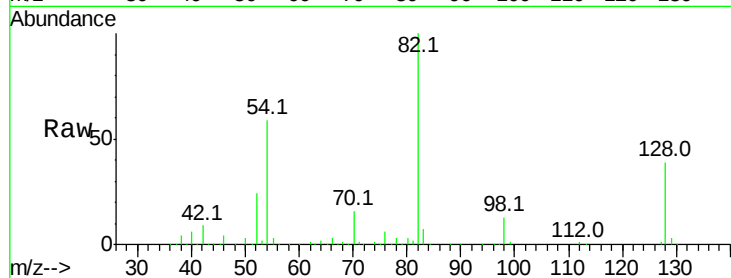




#23
Nitrobenzene-d5
Concen: 45.190 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

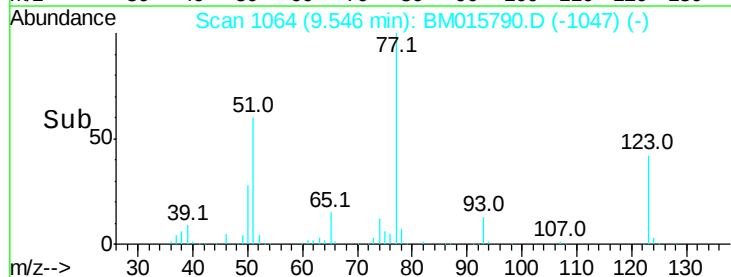
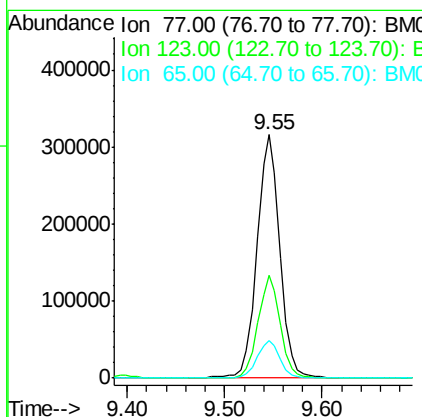
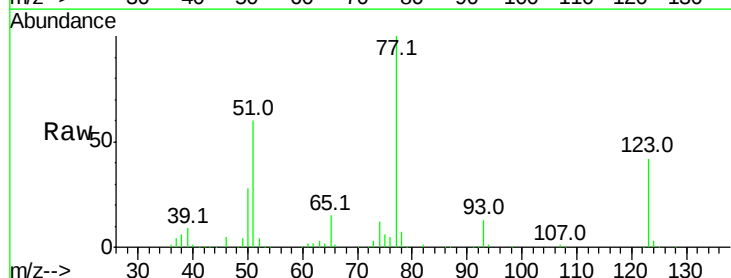
Instrument :
BNA_M
ClientSampled :

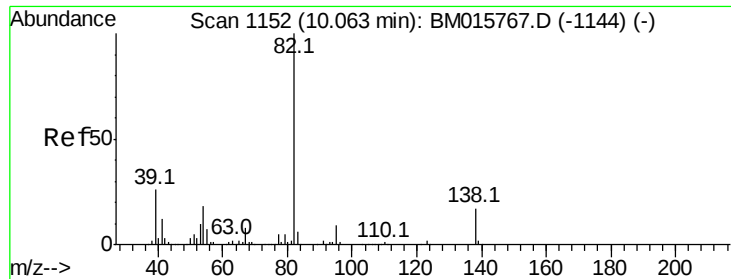
Tot Ion: 82 Resp: 1084029
Ion Ratio Lower Upper
82 100
128 39.4 32.8 49.2
54 59.4 40.6 60.8



#24
Nitrobenzene
Concen: 48.382 ng
RT: 9.55 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion: 77 Resp: 520294
Ion Ratio Lower Upper
77 100
123 42.0 32.6 49.0
65 15.3 10.9 16.3





#25

Isophorone

Concen: 52.481 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

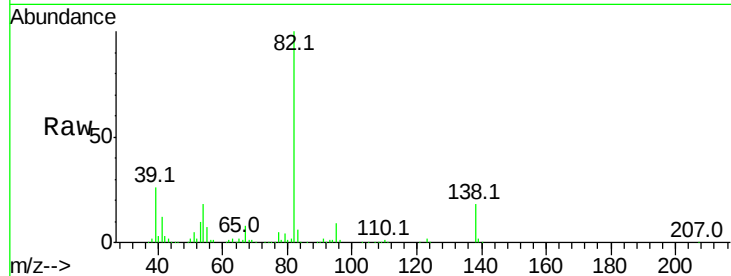
Tot Ion: 82 Resp: 884939

Ion Ratio Lower Upper

82 100

95 8.6 5.8 8.6

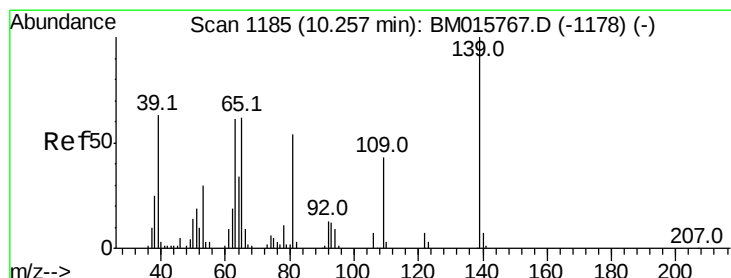
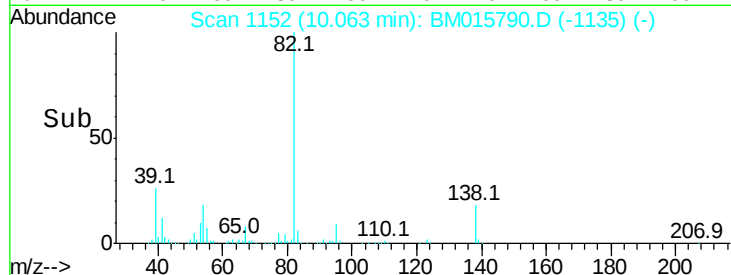
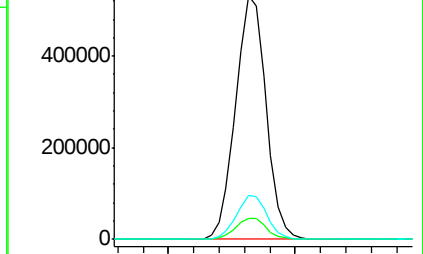
138 18.0 16.3 24.5



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) (-)



#26

2-Nitrophenol

Concen: 50.382 ng

RT: 10.26 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

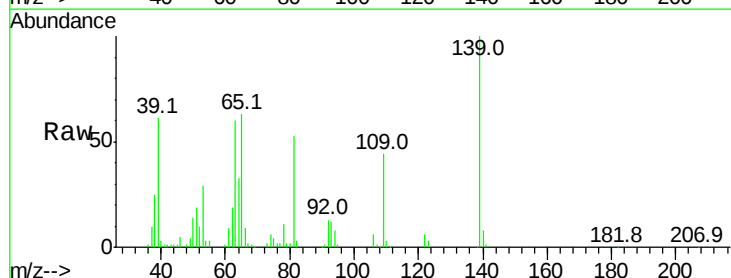
Tgt Ion: 139 Resp: 233302

Ion Ratio Lower Upper

139 100

109 43.6 20.1 30.1#

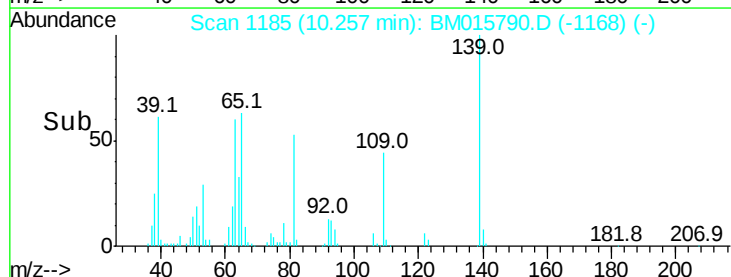
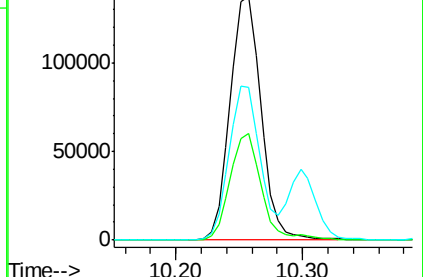
65 62.6 31.5 47.3#

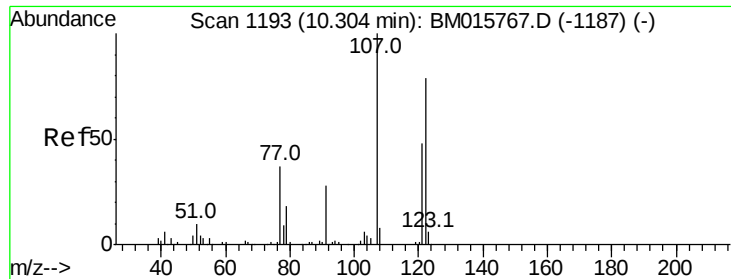


Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

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

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

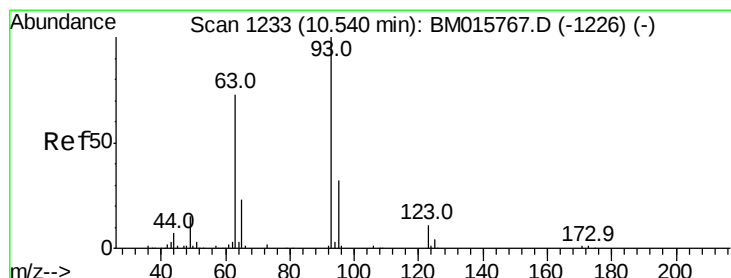
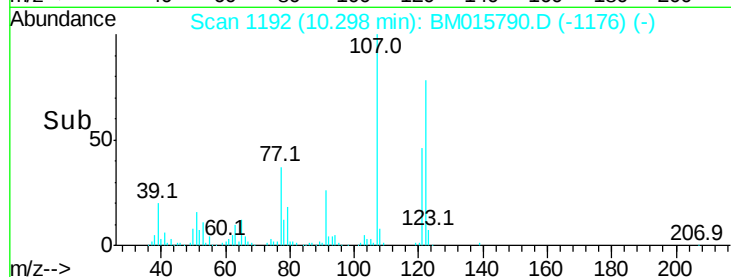
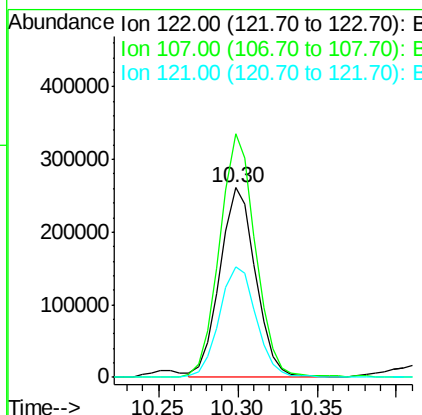
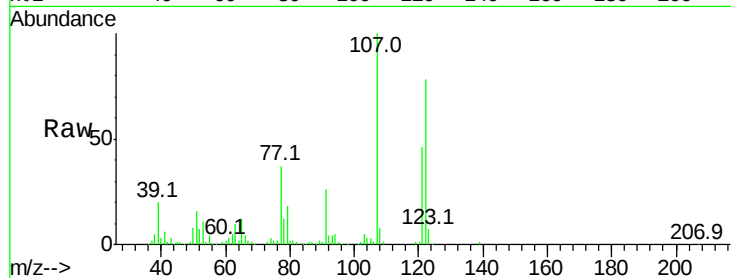




#27
2,4-Dimethylphenol
Concen: 57.823 ng
RT: 10.30 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

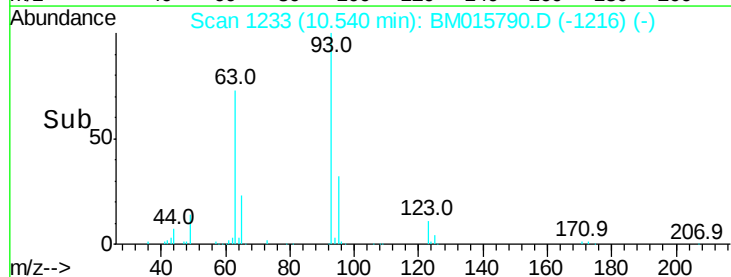
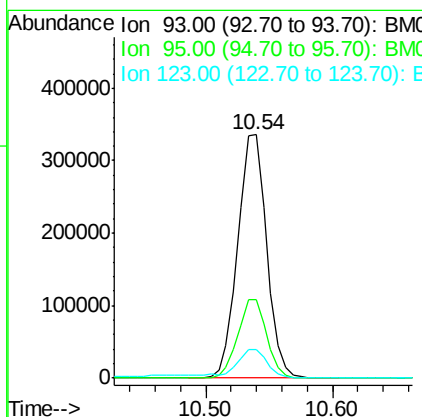
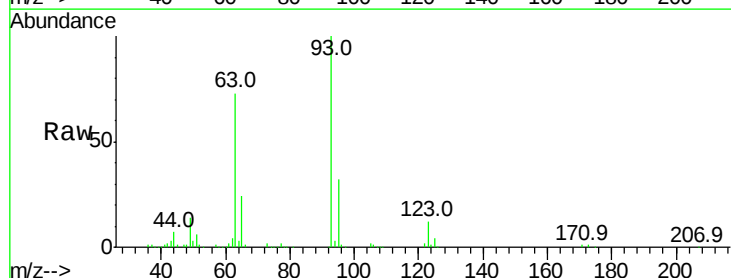
Instrument :
BNA_M
ClientSampleId :

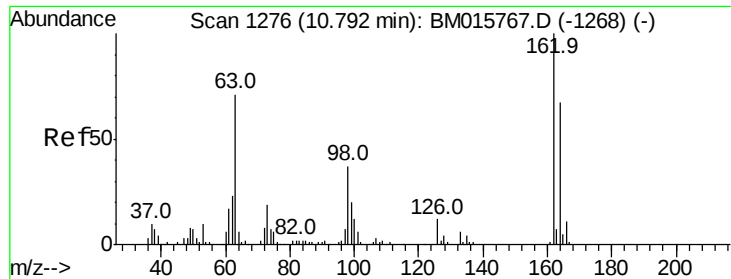
Tot Ion:122 Resp: 406765
Ion Ratio Lower Upper
122 100
107 128.5 84.7 127.1#
121 58.6 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.156 ng
RT: 10.54 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion: 93 Resp: 529022
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.7 8.6 13.0

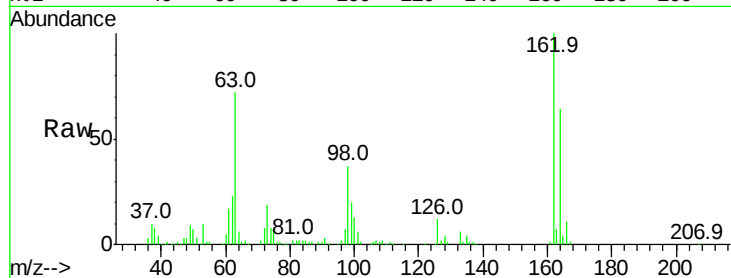




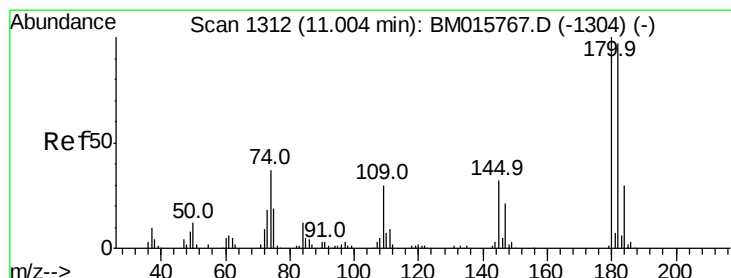
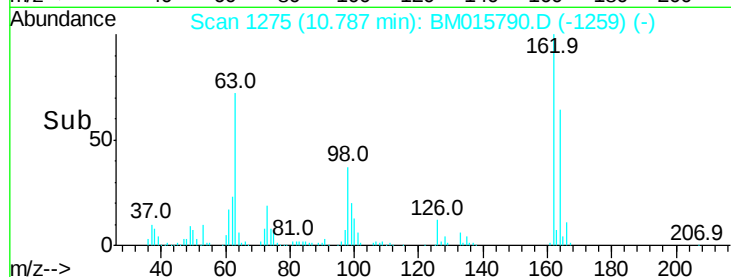
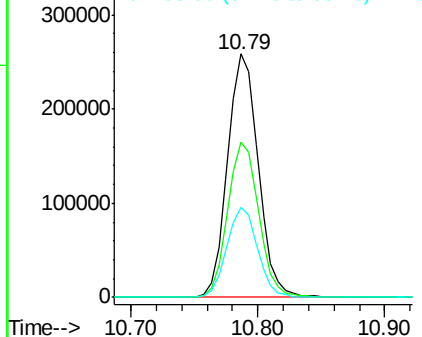
#29
2,4-Dichlorophenol
Concen: 55.504 ng
RT: 10.79 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.8	82.8
98	36.8	14.5	54.5

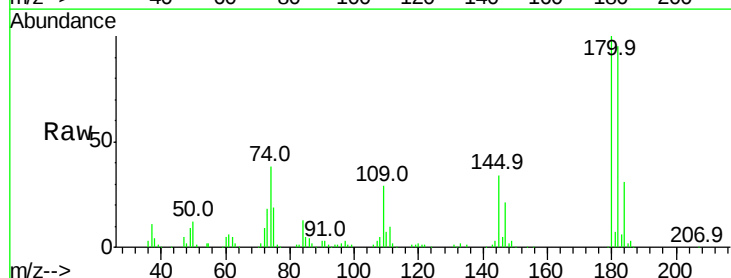


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

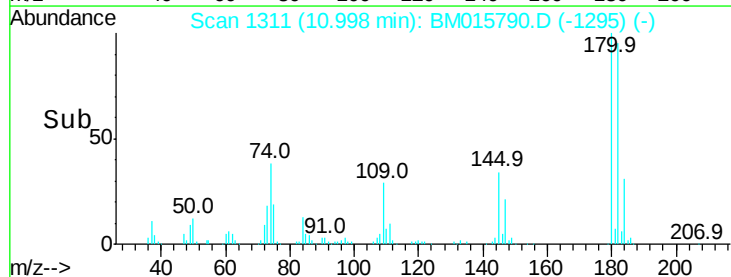
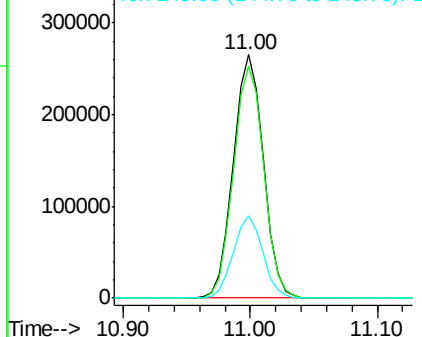


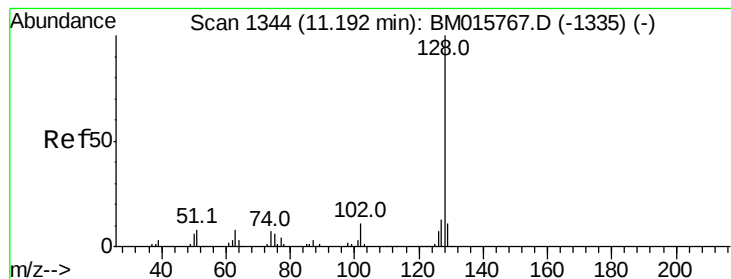
#30
1,2,4-Trichlorobenzene
Concen: 47.986 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.6	116.4
145	34.0	23.4	35.2



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





#31

Naphthalene

Concen: 47.583 ng

RT: 11.19 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

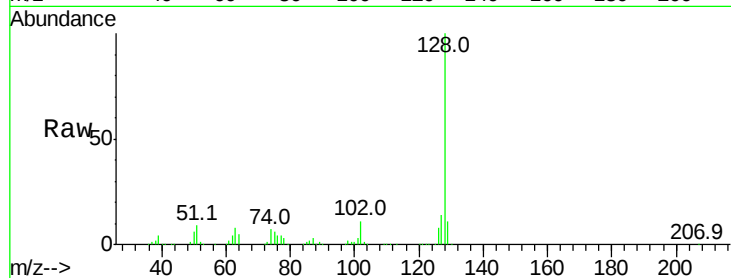
Instrument :

BNA_M

ClientSampled :

Tot Ion:128 Resp: 1329743

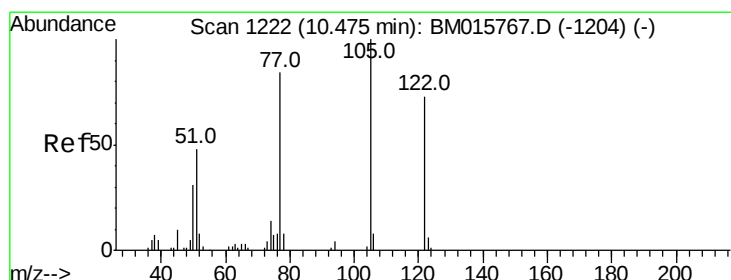
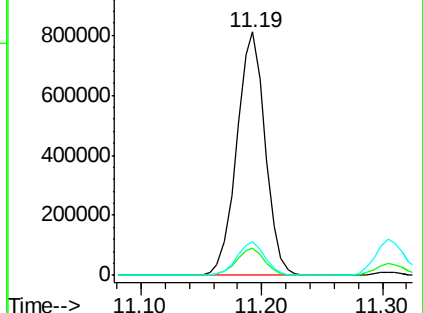
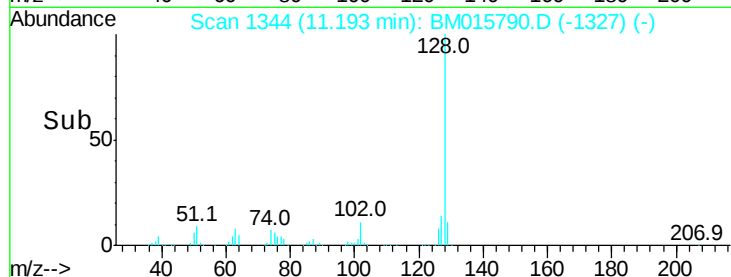
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.6	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.176 ng

RT: 10.50 min Scan# 1227

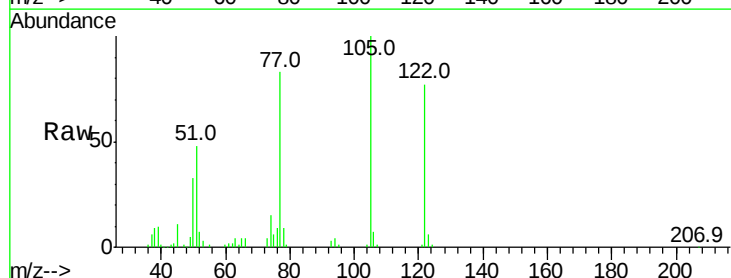
Delta R.T. 0.03 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion:122 Resp: 244001

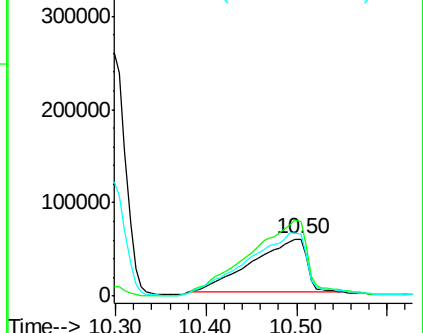
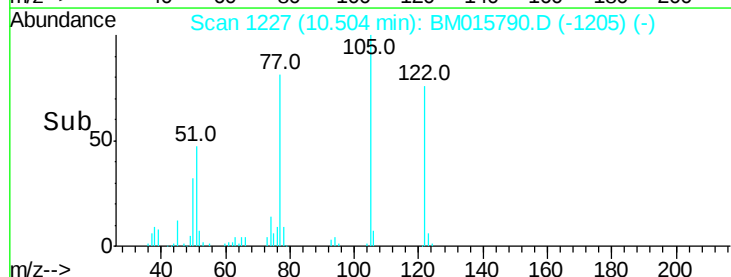
Ion	Ratio	Lower	Upper
122	100		
105	129.9	99.9	139.9
77	107.2	73.7	113.7

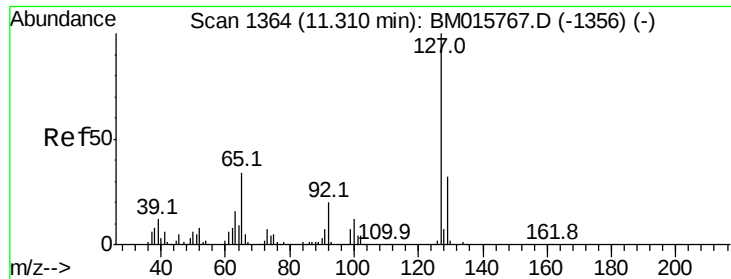


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

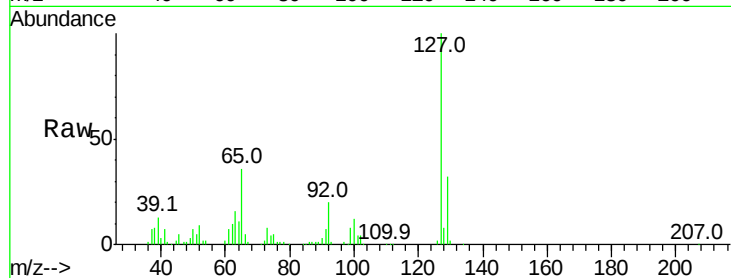




#33
4-Chloroaniline
Concen: 18.729 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	35.5	17.6	26.4
92	19.9	13.1	19.7



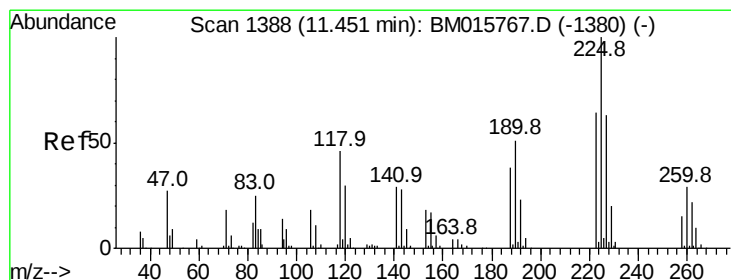
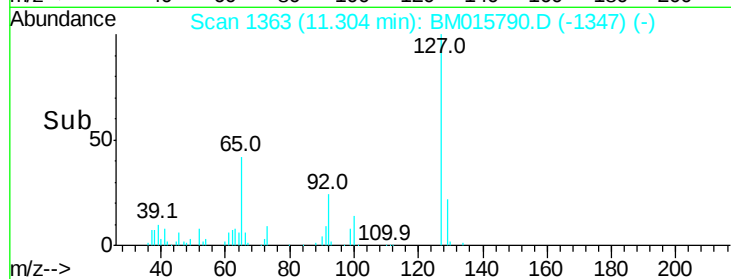
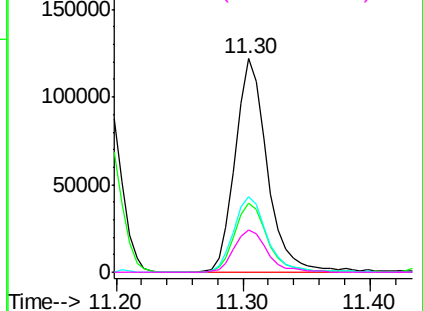
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

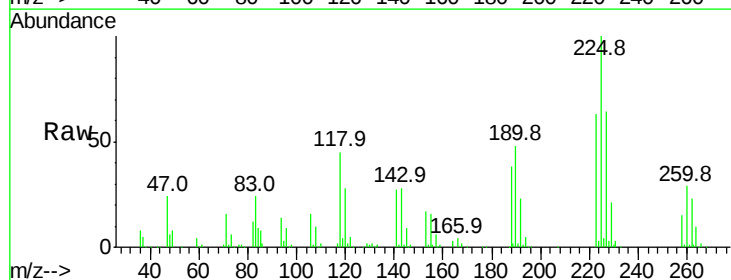
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 47.136 ng
RT: 11.45 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	64.2	50.1	75.1

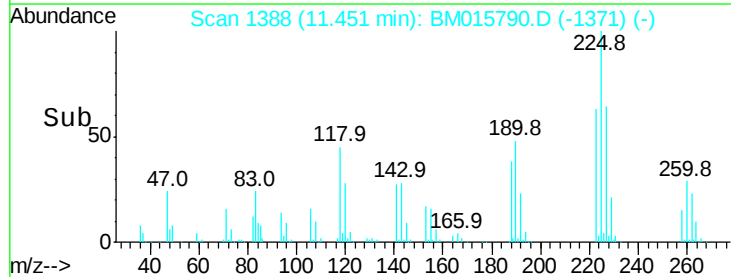
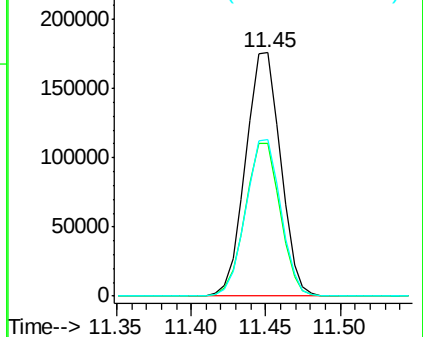


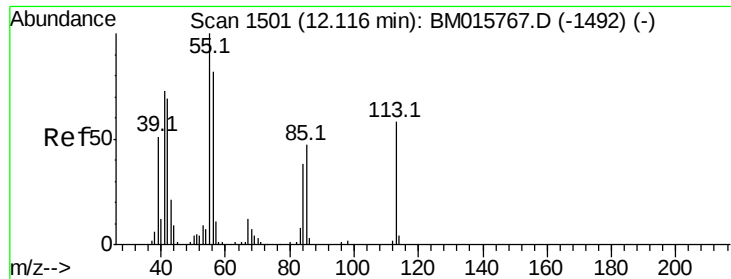
Abundance

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: 42.520 ng

RT: 12.13 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampled :

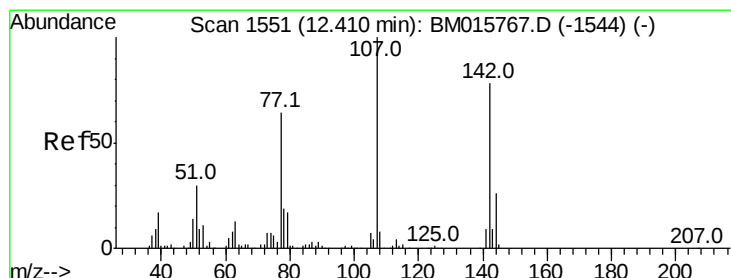
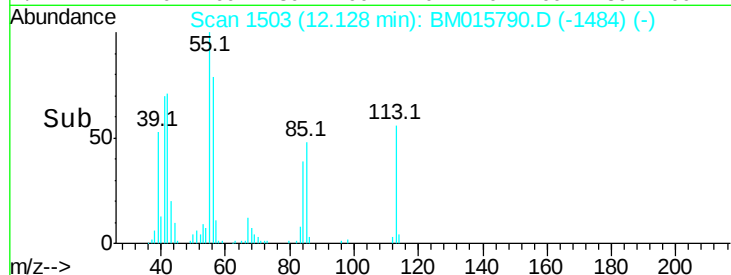
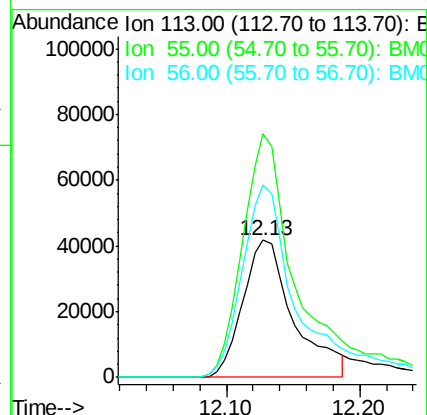
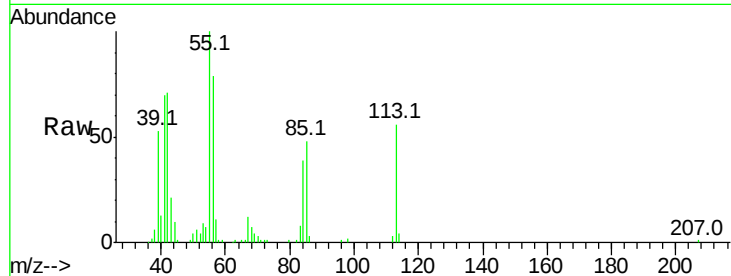
Tot Ion:113 Resp: 109867

Ion Ratio Lower Upper

113 100

55 177.4 145.9 185.9

56 140.5 101.0 141.0



#36

4-Chloro-3-methylphenol

Concen: 53.351 ng

RT: 12.42 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

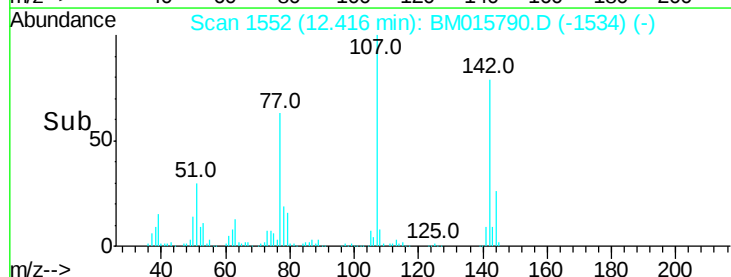
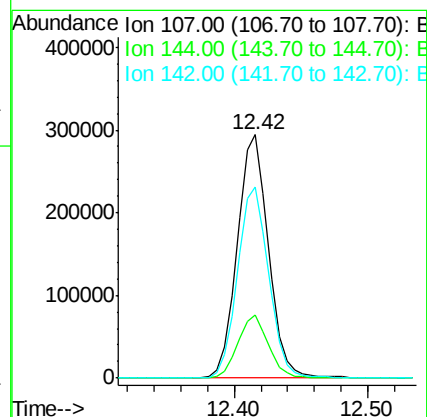
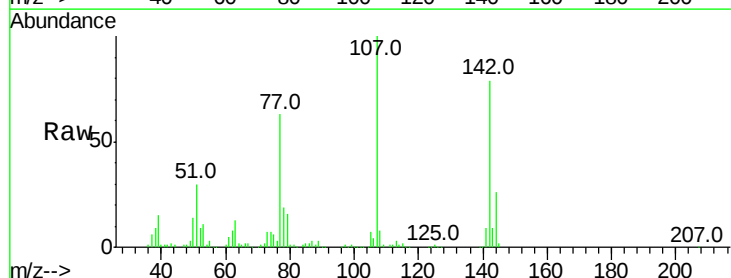
Tgt Ion:107 Resp: 476945

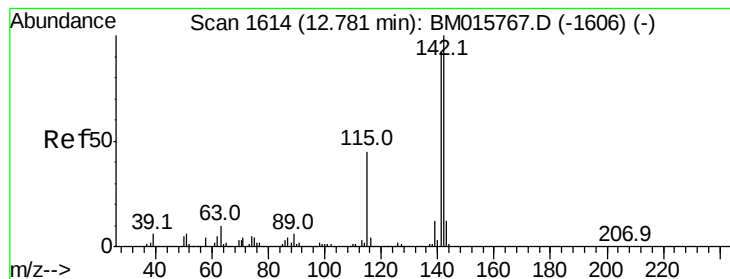
Ion Ratio Lower Upper

107 100

144 26.1 23.3 34.9

142 78.7 72.6 109.0





#37

2-Methylnaphthalene

Concen: 51.769 ng

RT: 12.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampled :

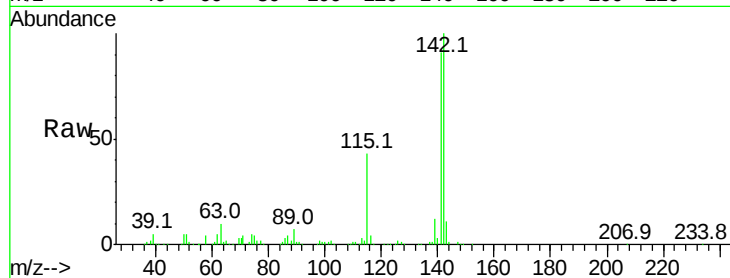
Tot Ion:142 Resp: 1029153

Ion Ratio Lower Upper

142 100

141 90.5 71.9 107.9

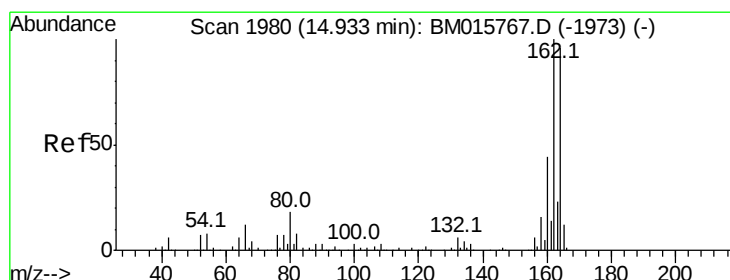
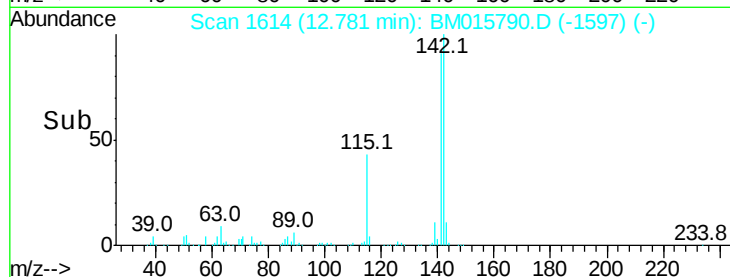
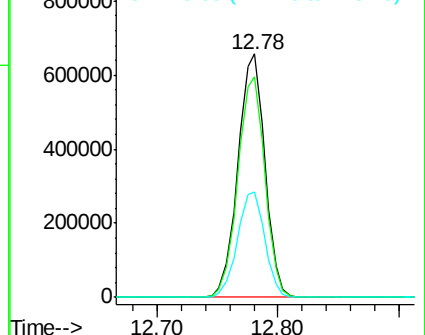
115 43.1 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

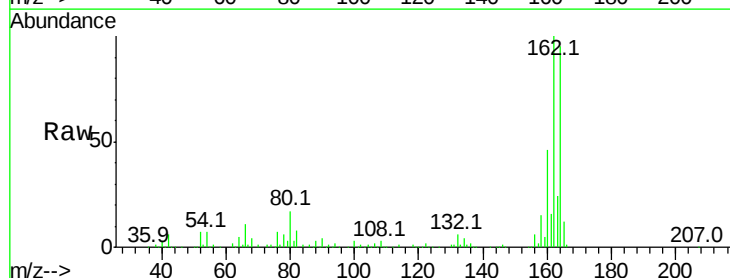
Tgt Ion:164 Resp: 313100

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

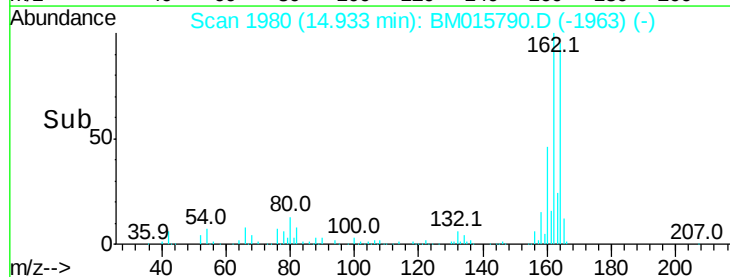
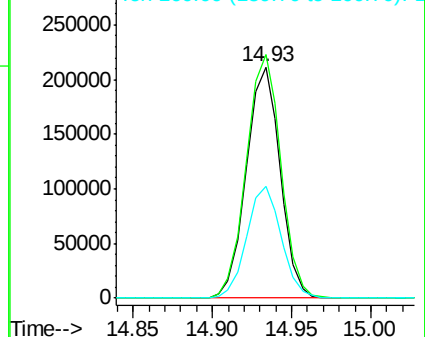
160 48.4 35.8 53.6

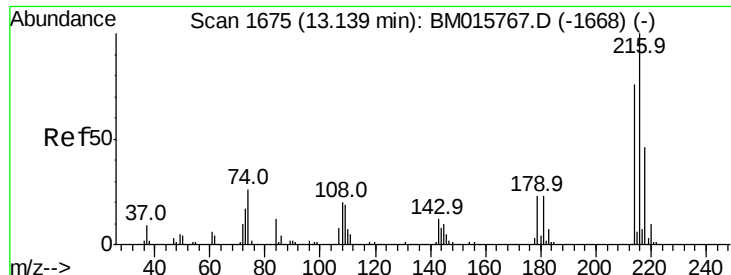


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.852 ng

RT: 13.14 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 511017

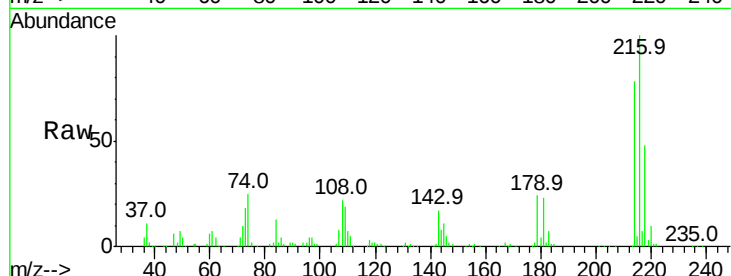
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 23.7 0.0 0.0#

108 21.0 0.0 0.0#

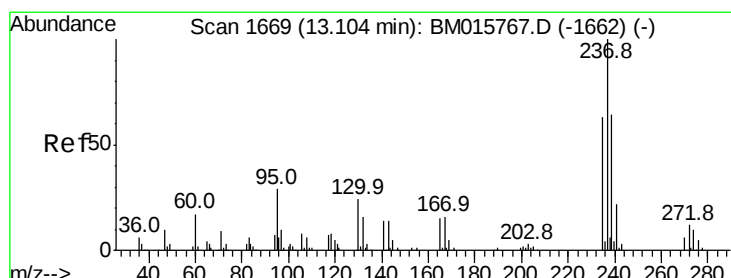
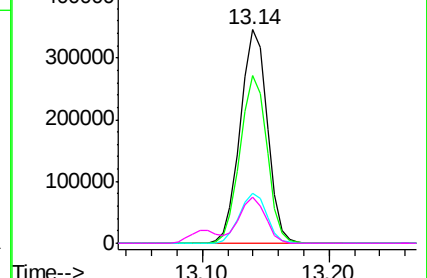
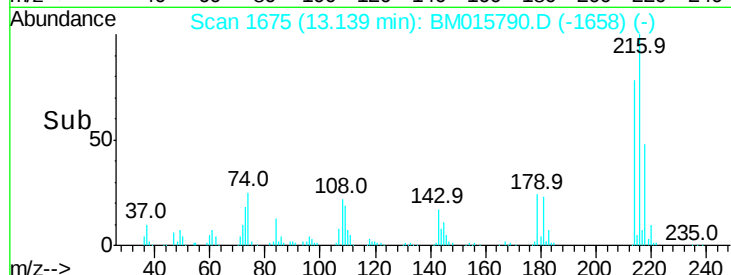


Abundance Ion 216.00 (215.70 to 216.70): E

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: 123.849 ng

RT: 13.10 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

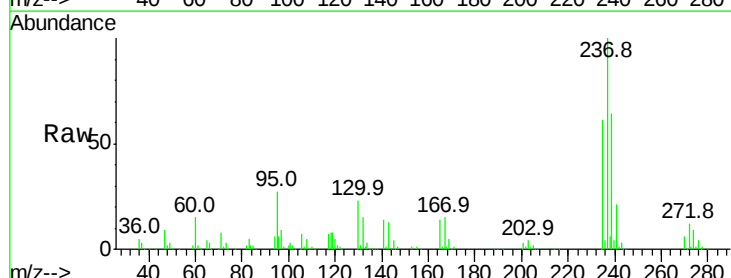
Tgt Ion:237 Resp: 608753

Ion Ratio Lower Upper

237 100

235 61.4 42.0 82.0

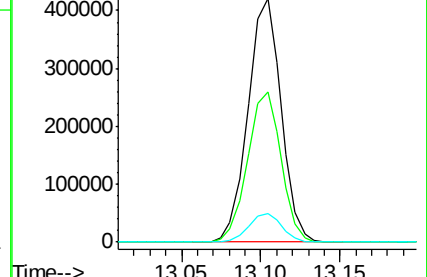
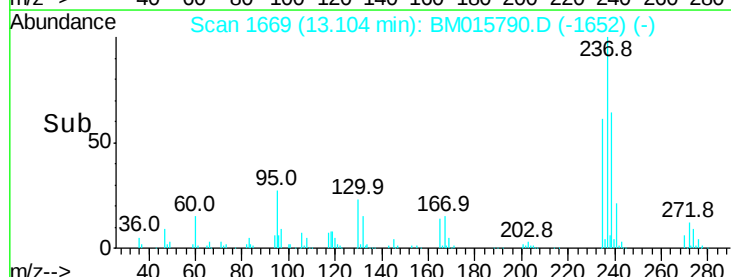
272 11.6 0.0 33.4

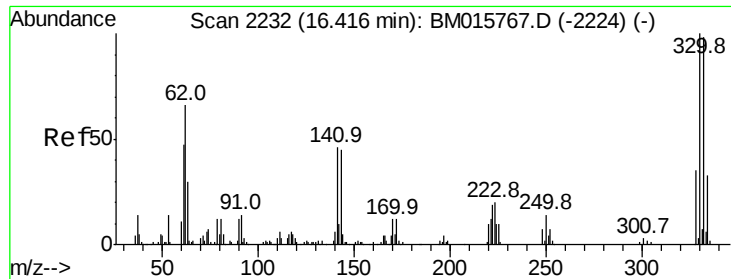


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

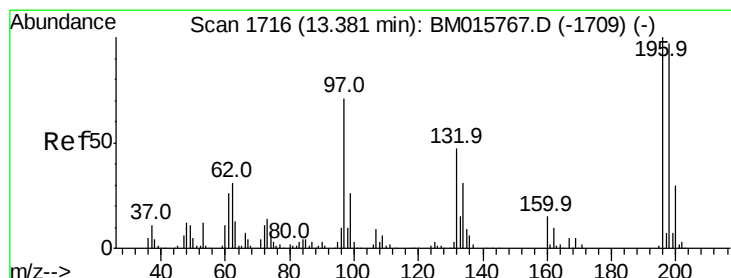
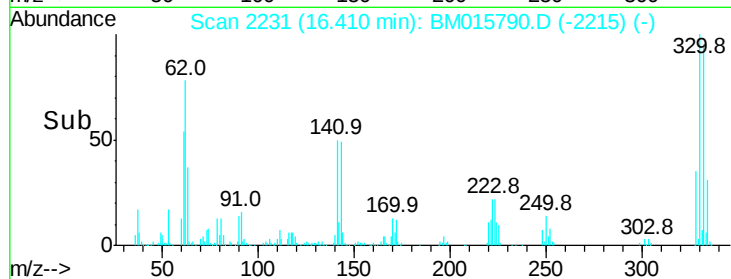
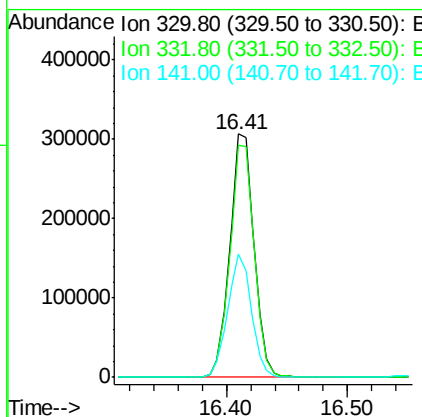
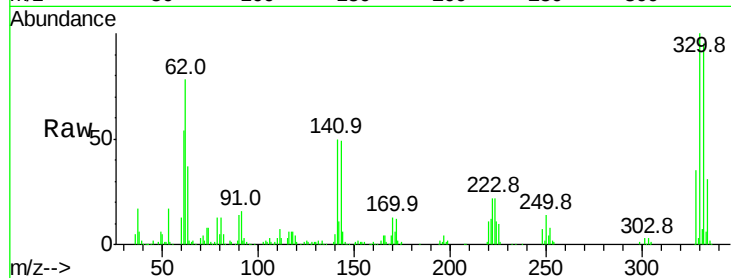




#41
 2,4,6-Tribromophenol
 Concen: 123.849 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

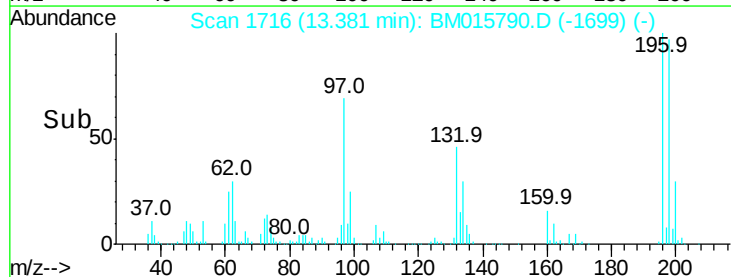
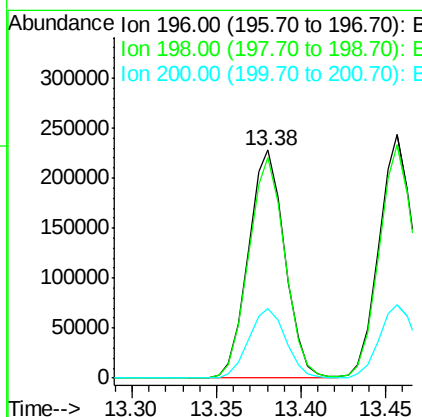
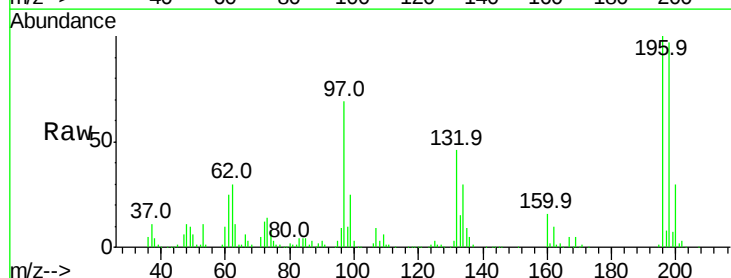
Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	49.5	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 53.948 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.3	114.5
200	30.2	25.6	38.4

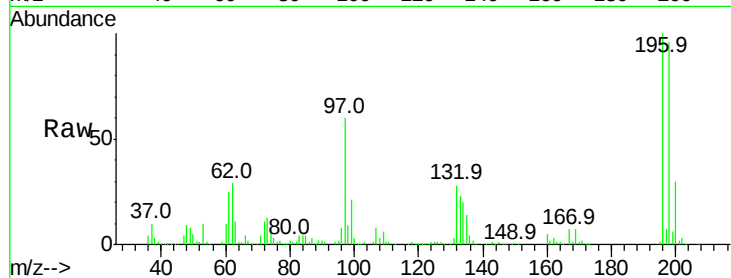




#43
 2,4,5-Trichlorophenol
 Concen: 52.643 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	79.4	119.0
97	60.2	26.8	40.2
132	28.3	18.6	28.0



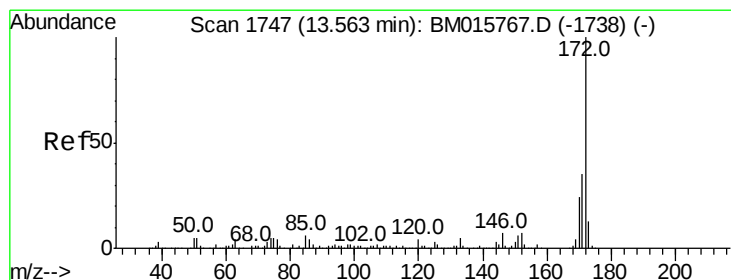
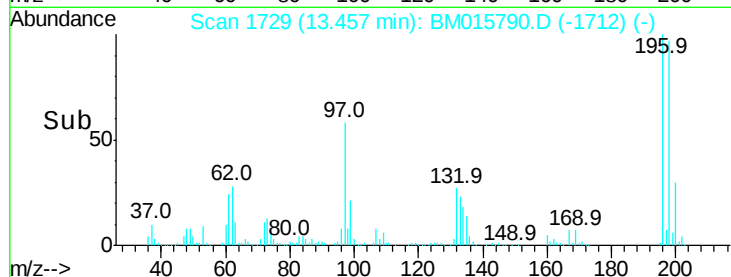
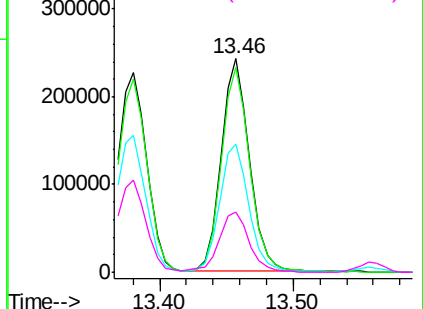
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

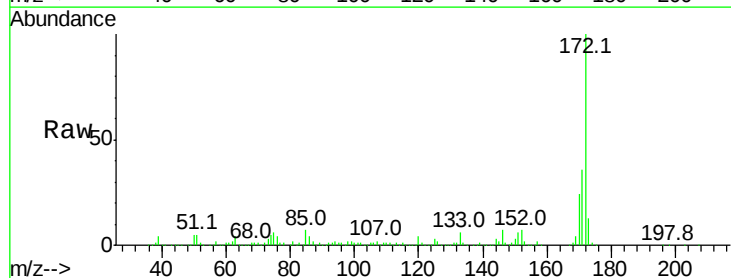
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 52.643 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.5	18.8	28.2

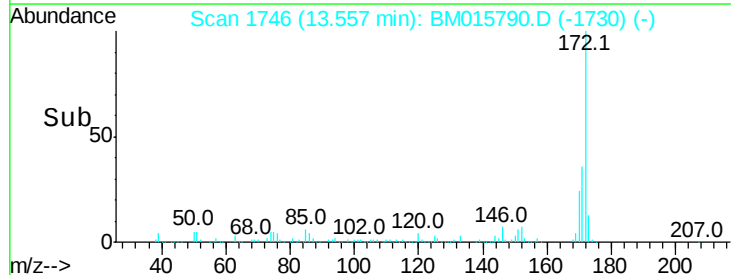
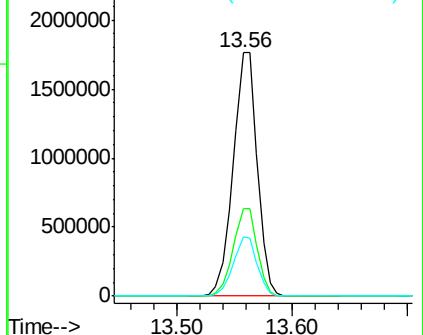


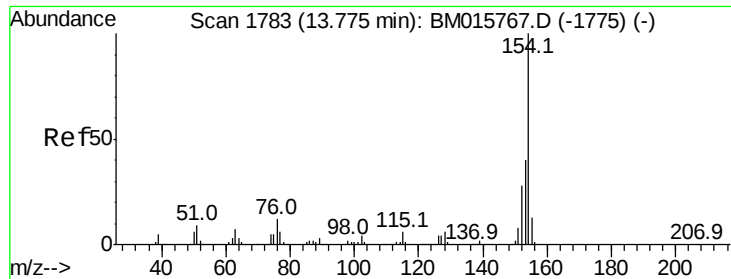
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



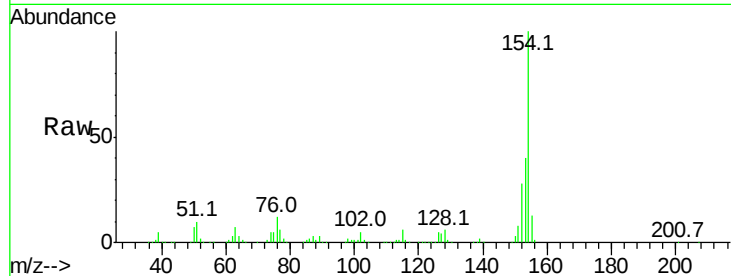


#45
 1,1'-Biphenyl
 Concen: 48.811 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

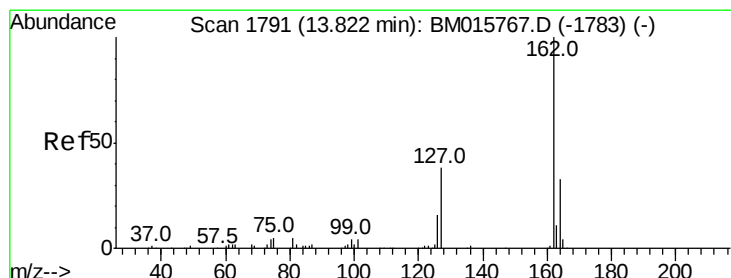
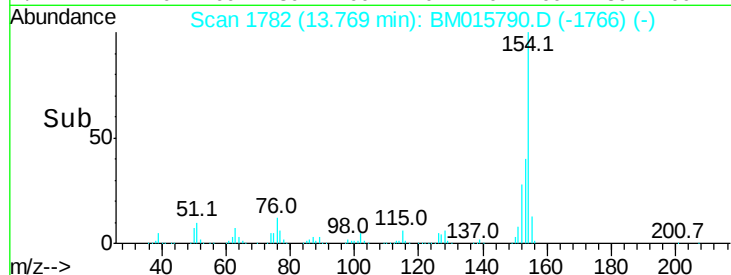
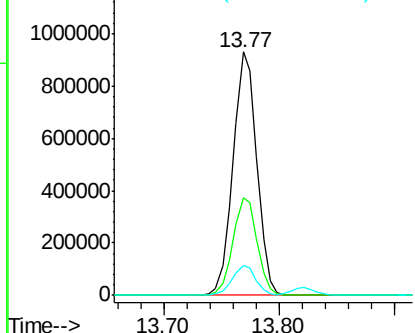
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 1321330

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	12.2	0.0	30.9



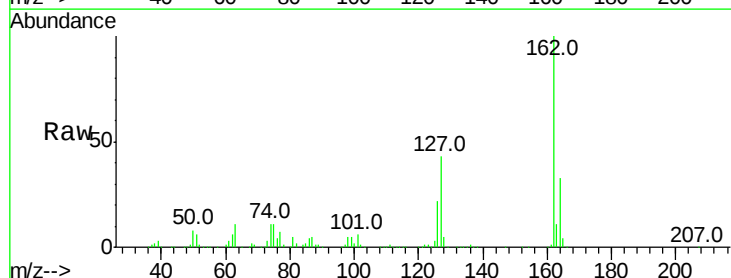
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0



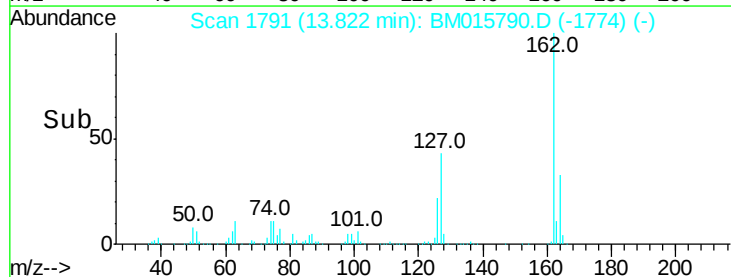
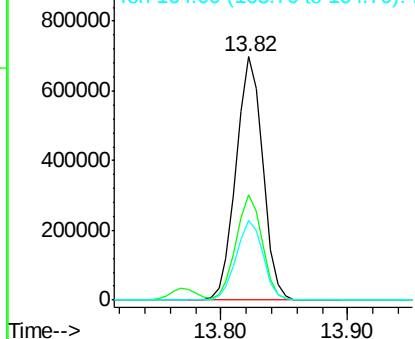
#46
 2-Chloronaphthalene
 Concen: 50.114 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

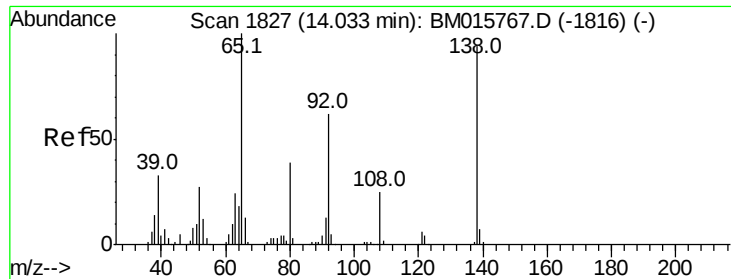
Tgt Ion:162 Resp: 1014311

Ion	Ratio	Lower	Upper
162	100		
127	43.3	26.9	40.3#
164	32.8	26.8	40.2



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





#47

2-Nitroaniline

Concen: 49.408 ng

RT: 14.03 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

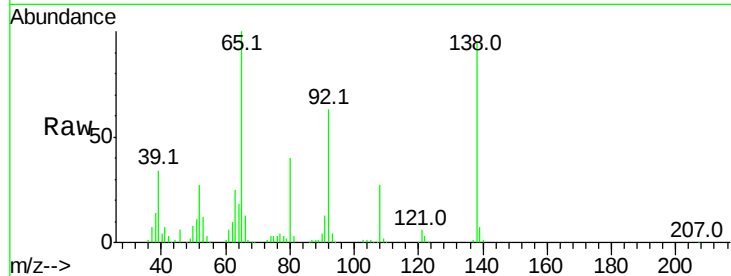
Tot Ion: 65 Resp: 348736

Ion Ratio Lower Upper

65 100

92 63.0 59.1 88.7

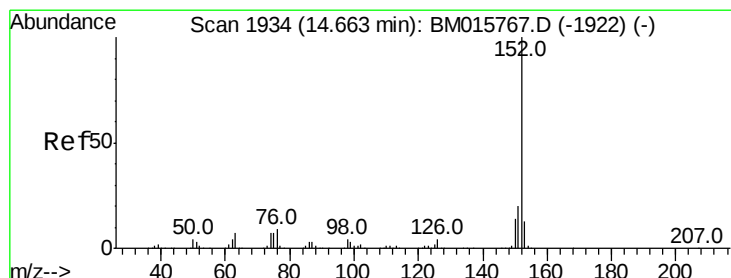
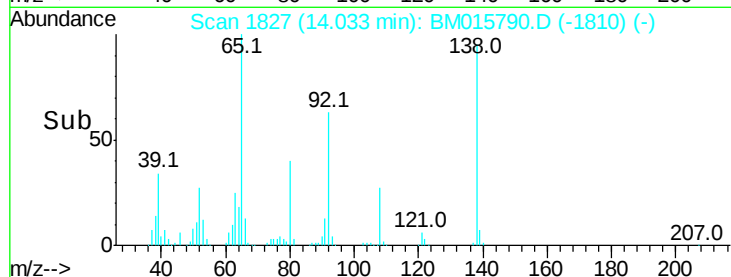
138 95.5 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)



#48

Acenaphthylene

Concen: 50.700 ng

RT: 14.66 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

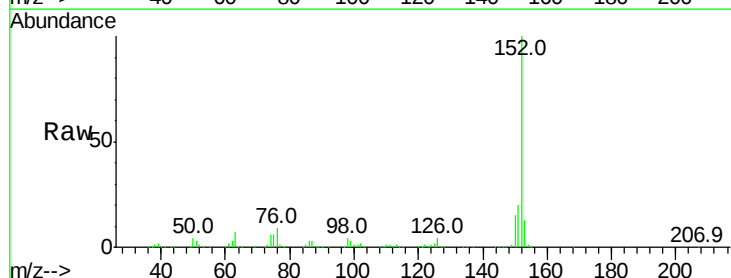
Tgt Ion: 152 Resp: 1669320

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

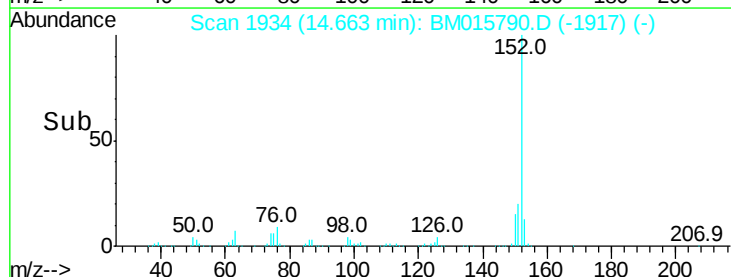
153 13.0 10.6 16.0

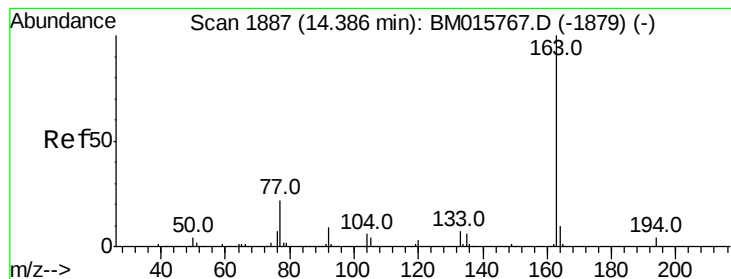


Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)





#49

Dimethylphthalate

Concen: 48.111 ng

RT: 14.39 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

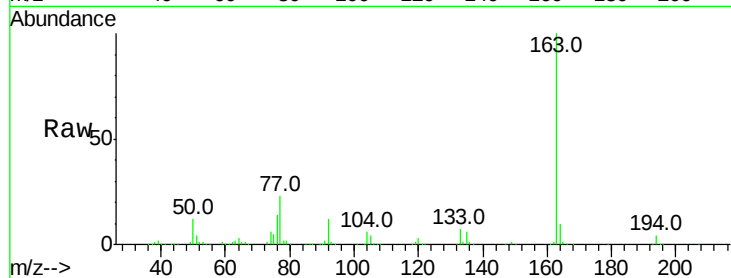
Tot Ion:163 Resp: 1328494

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

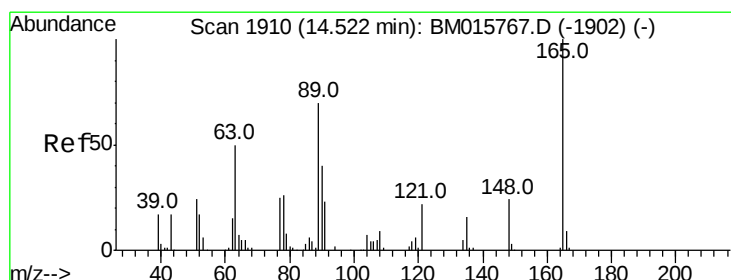
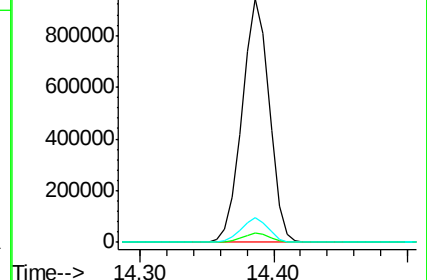
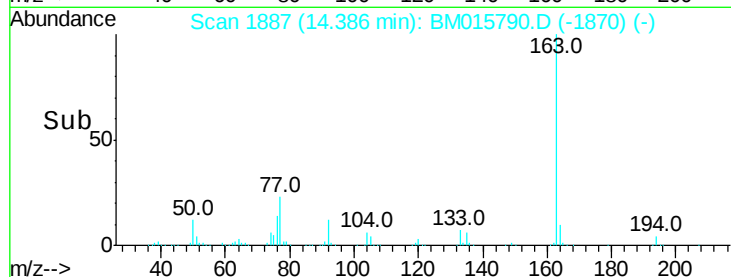
164 10.1 8.2 12.2



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: 51.937 ng

RT: 14.52 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

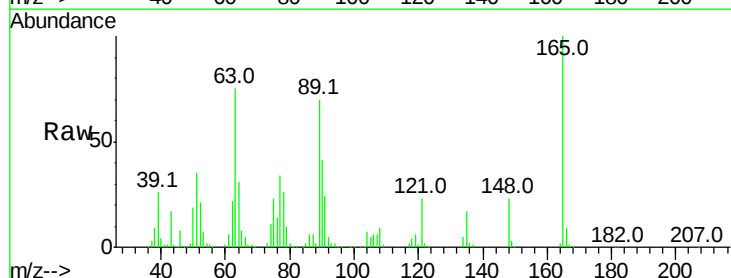
Tgt Ion:165 Resp: 279628

Ion Ratio Lower Upper

165 100

63 74.9 44.1 66.1#

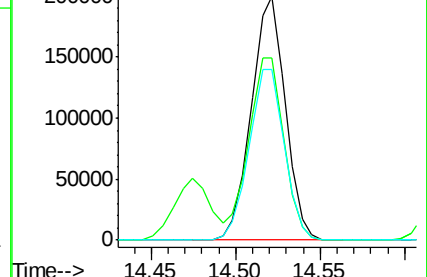
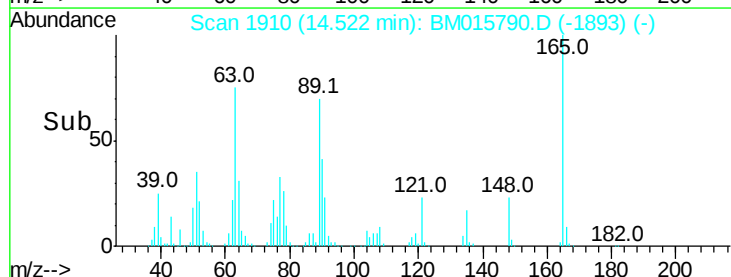
89 69.8 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 47.211 ng

RT: 15.00 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

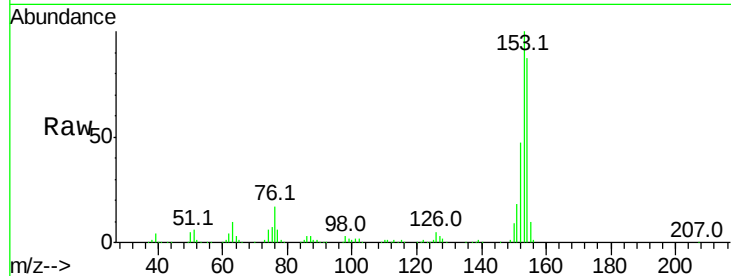
Tot Ion:154 Resp: 967271

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

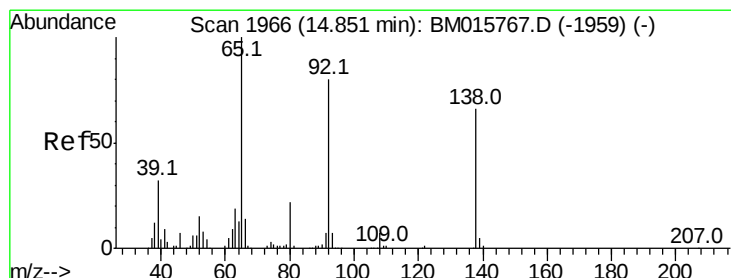
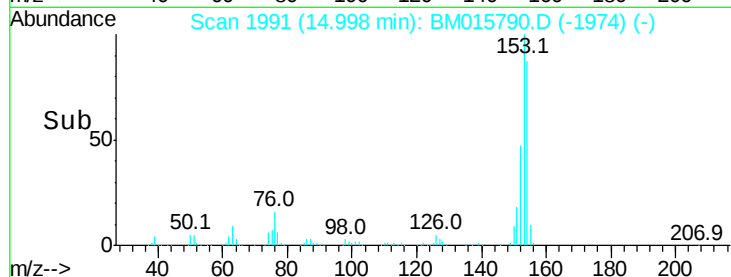
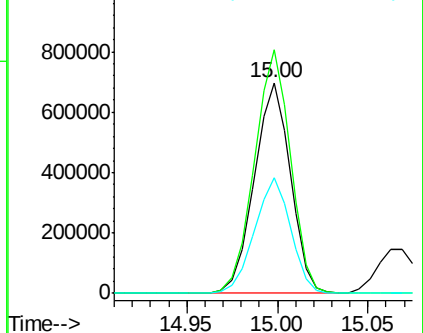
152 54.7 42.6 63.8



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: 27.280 ng

RT: 14.85 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

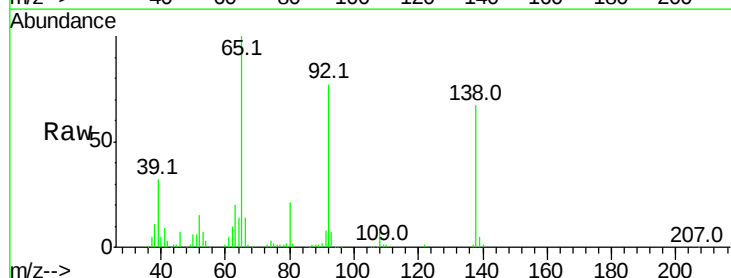
Tgt Ion:138 Resp: 160763

Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

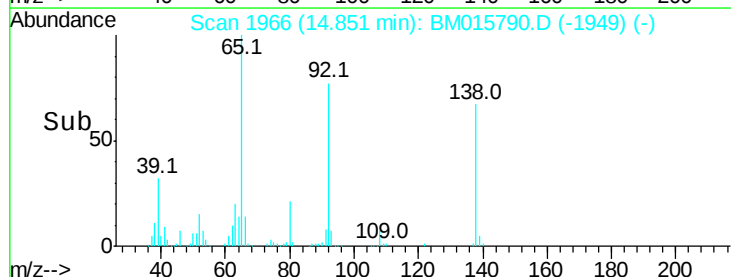
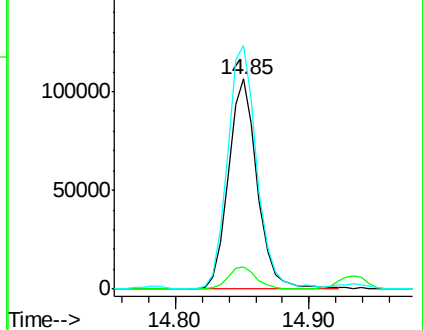
92 116.0 76.6 114.8#

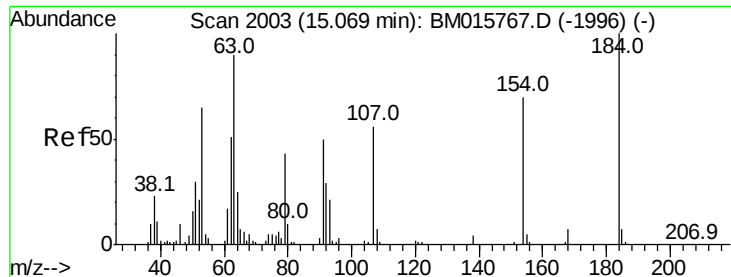


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

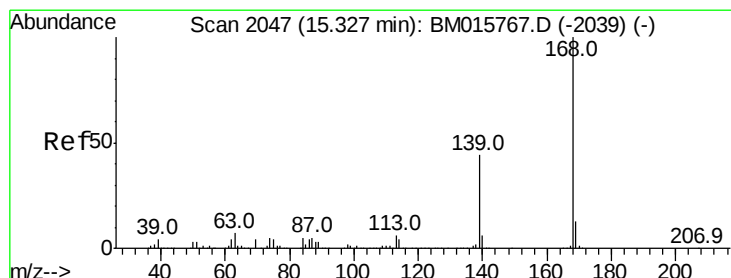
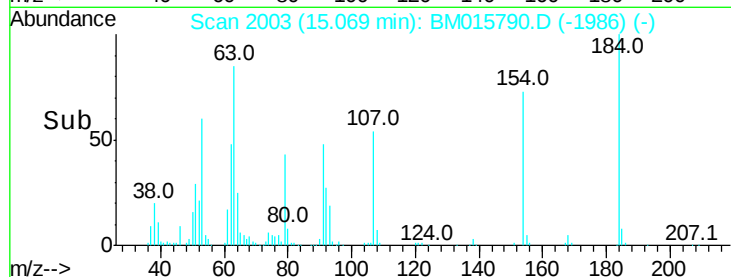
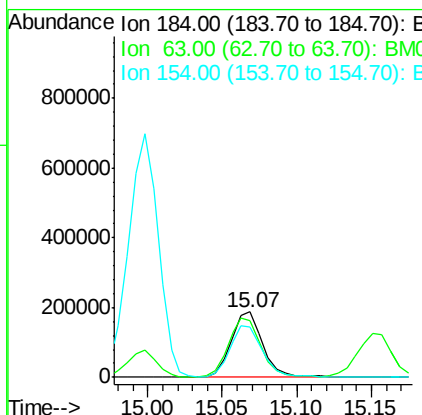
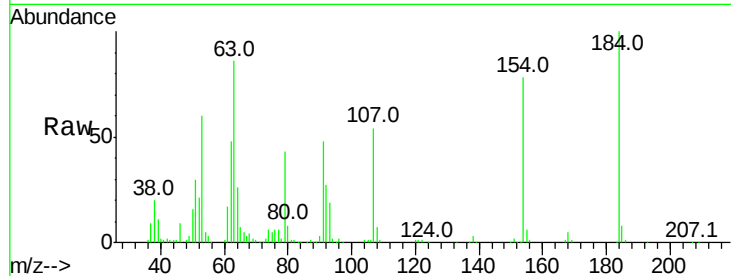




#53
2,4-Dinitrophenol
Concen: 102.282 ng
RT: 15.07 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

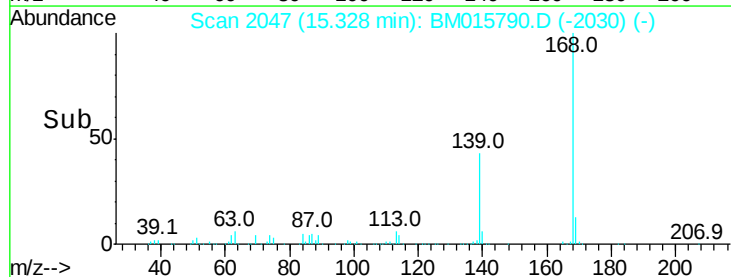
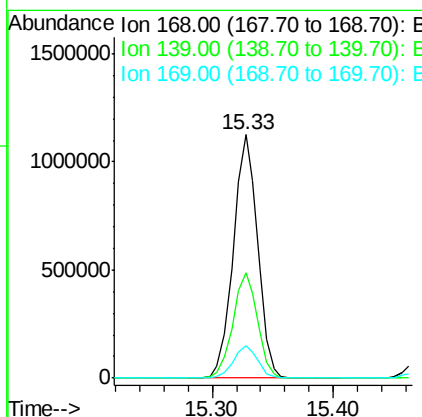
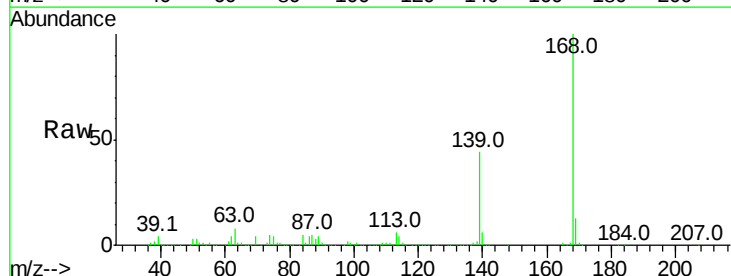
Instrument :
BNA_M
ClientSampled :

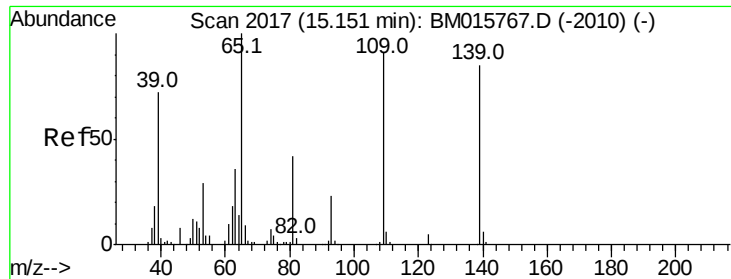
Tot Ion:184 Resp: 281330
Ion Ratio Lower Upper
184 100
63 86.2 69.2 103.8
154 77.9 53.3 79.9



#54
Dibenzofuran
Concen: 49.807 ng
RT: 15.33 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:168 Resp: 1572434
Ion Ratio Lower Upper
168 100
139 43.5 27.3 40.9#
169 13.2 10.6 16.0

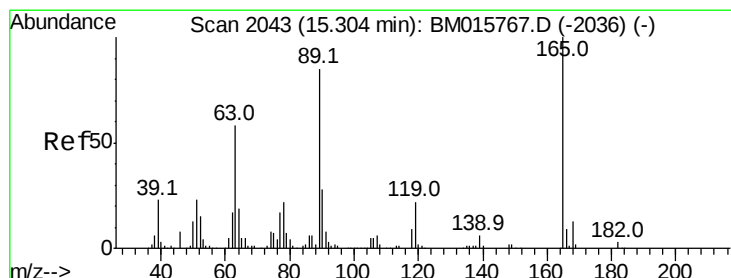
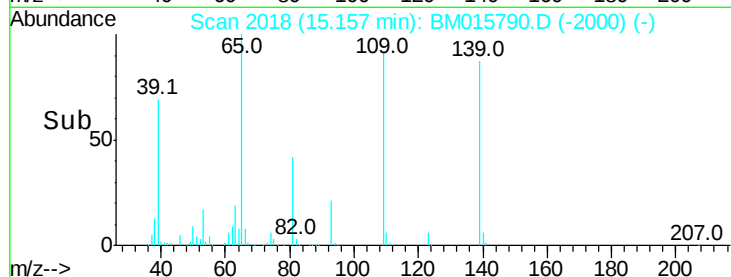
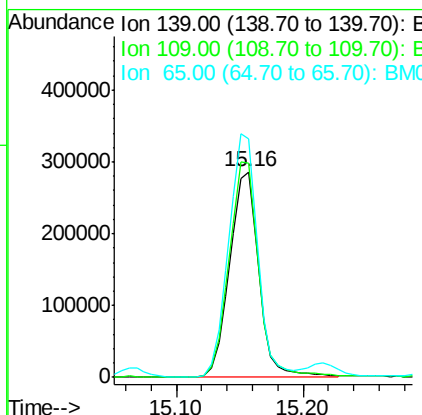
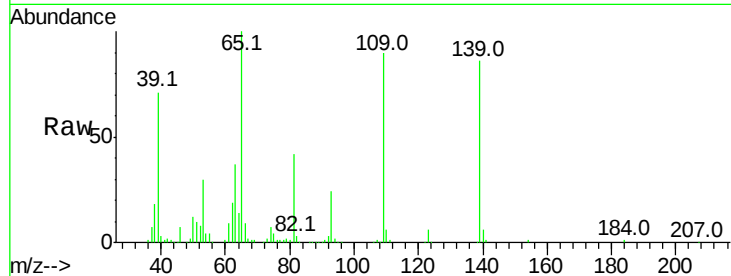




#55
4-Nitrophenol
Concen: 104.855 ng
RT: 15.16 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

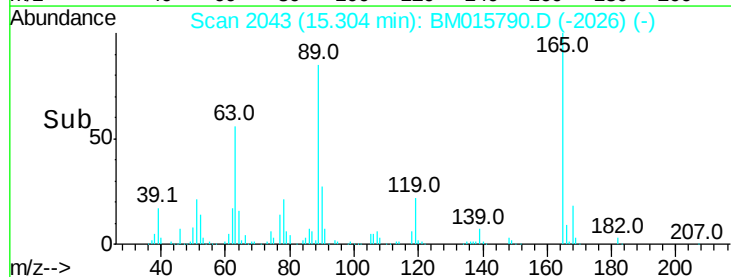
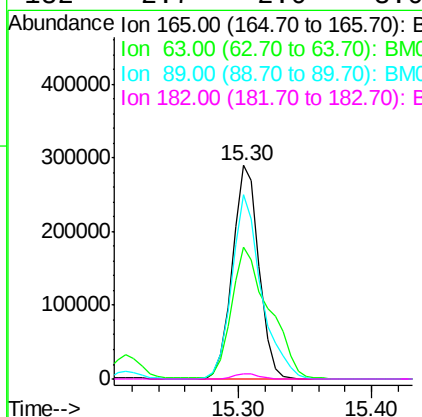
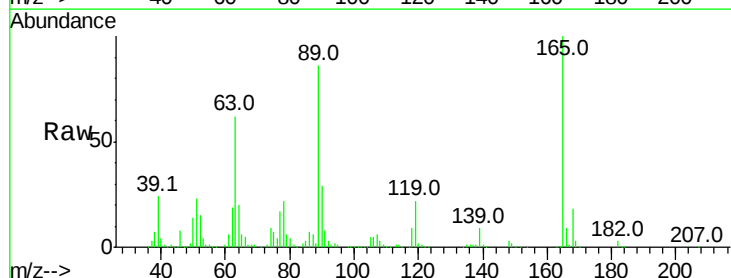
Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 456034
Ion Ratio Lower Upper
139 100
109 104.1 130.0 170.0#
65 116.1 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 51.373 ng
RT: 15.30 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:165 Resp: 399319
Ion Ratio Lower Upper
165 100
63 61.6 52.4 78.6
89 86.1 72.4 108.6
182 2.7 2.0 3.0

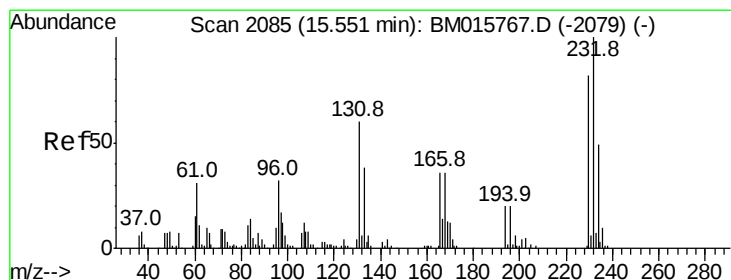
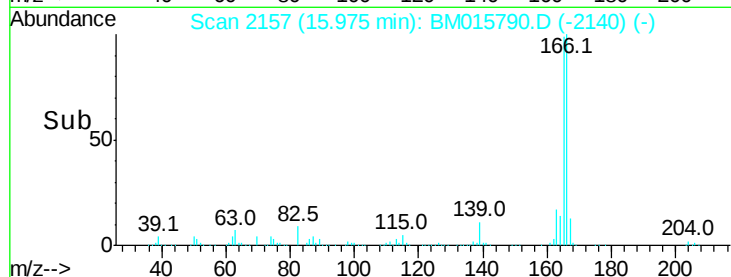
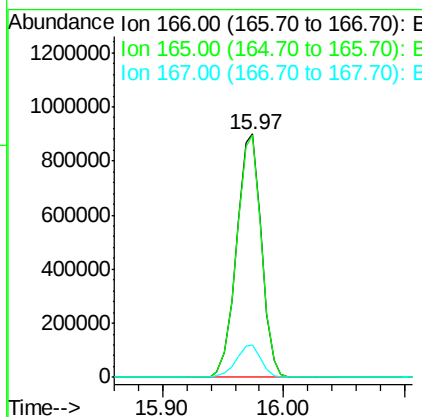
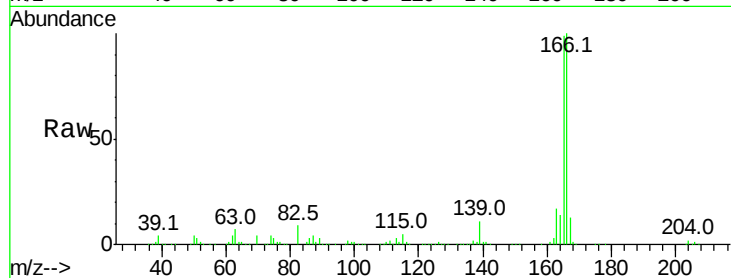




#57
 Fluorene
 Concen: 49.432 ng
 RT: 15.97 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

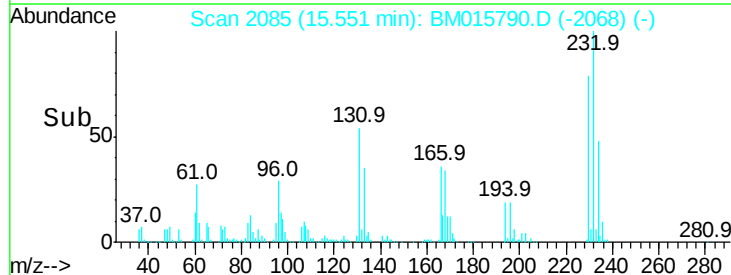
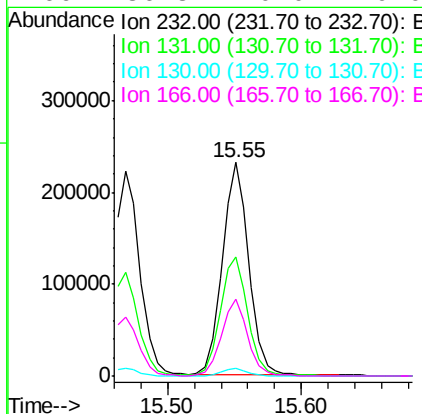
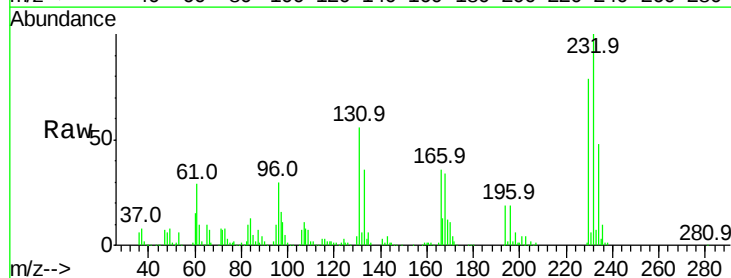
Instrument :
 BNA_M
 ClientSampleId :

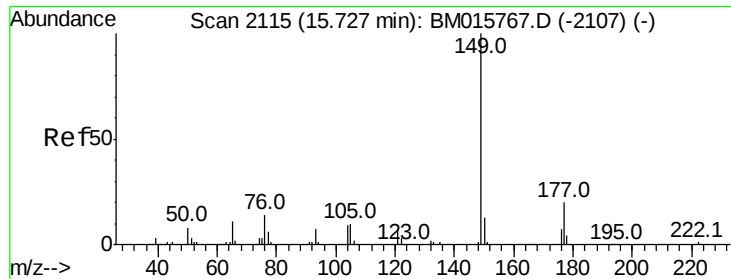
Tot Ion:166 Resp: 1286924
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.0 118.4
 167 13.4 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.384 ng
 RT: 15.55 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion:232 Resp: 320697
 Ion Ratio Lower Upper
 232 100
 131 57.5 0.0 0.0#
 130 3.7 0.0 0.0#
 166 36.3 0.0 0.0#

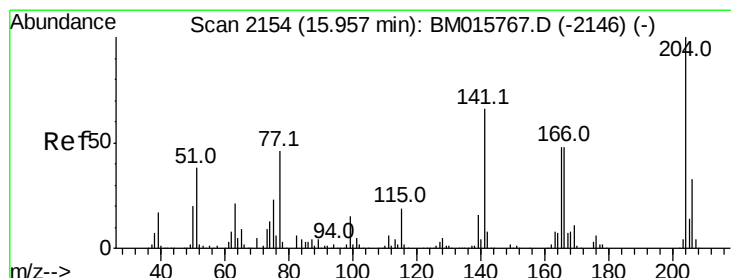
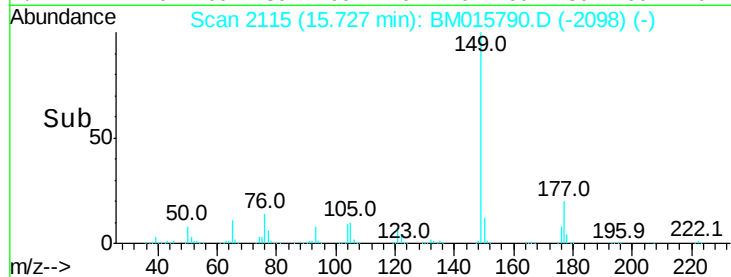
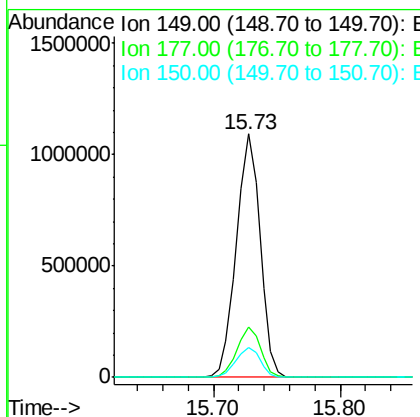
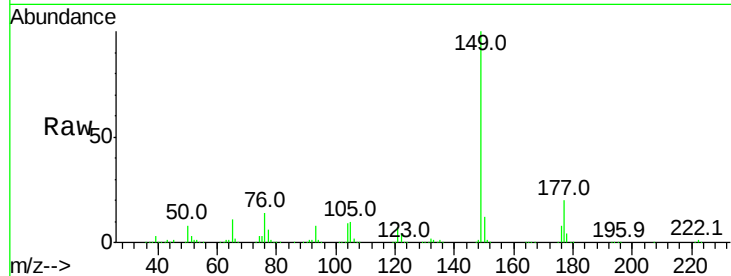




#59
Diethylphthalate
Concen: 47.771 ng
RT: 15.73 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

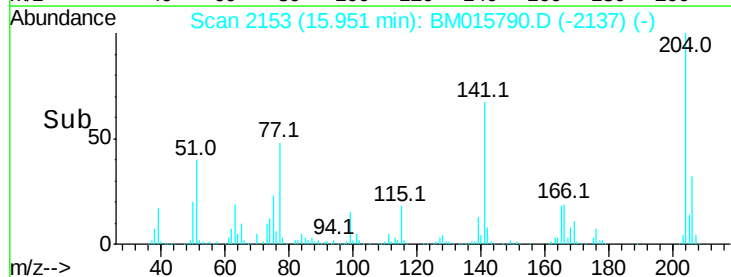
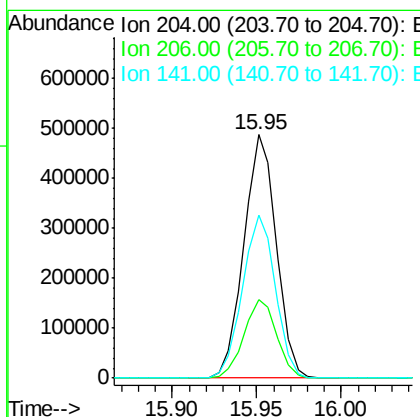
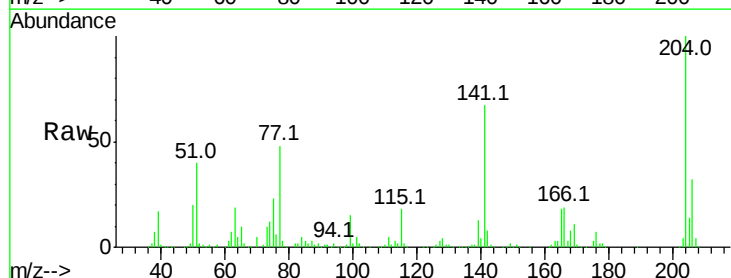
Instrument :
BNA_M
ClientSampled :

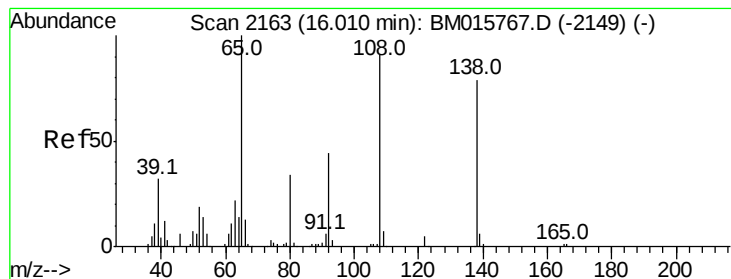
Tot Ion:149 Resp: 1413604
Ion Ratio Lower Upper
149 100
177 20.5 18.3 27.5
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 48.665 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:204 Resp: 651936
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 67.1 45.2 67.8





#61

4-Nitroaniline

Concen: 43.499 ng

RT: 16.01 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampled :

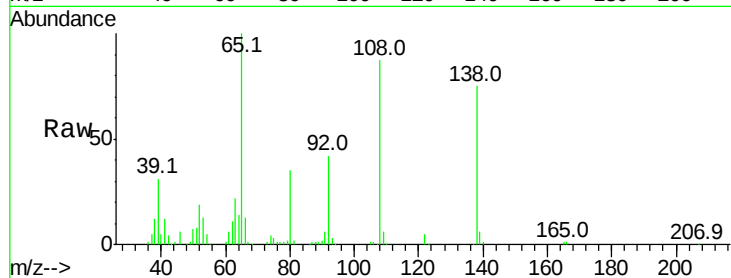
Tot Ion:138 Resp: 265925

Ion Ratio Lower Upper

138 100

92 56.4 16.7 56.7

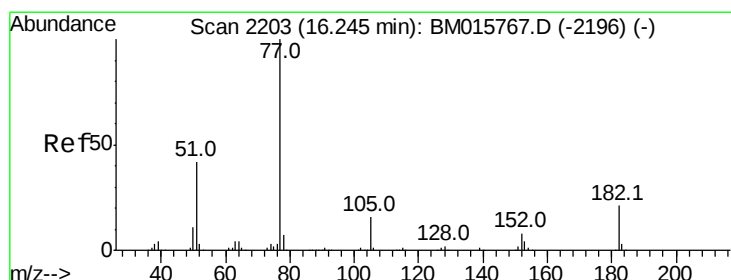
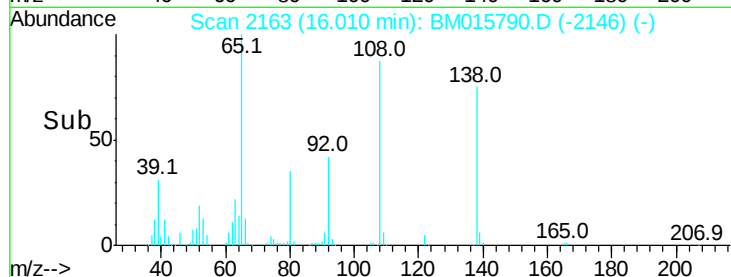
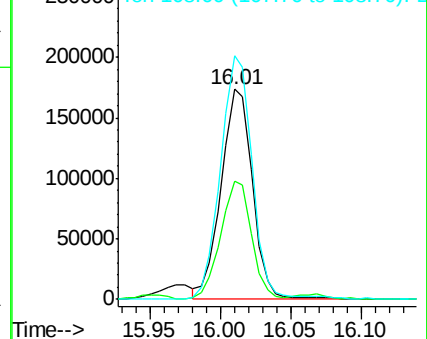
108 116.1 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.845 ng

RT: 16.25 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion: 77 Resp: 1465804

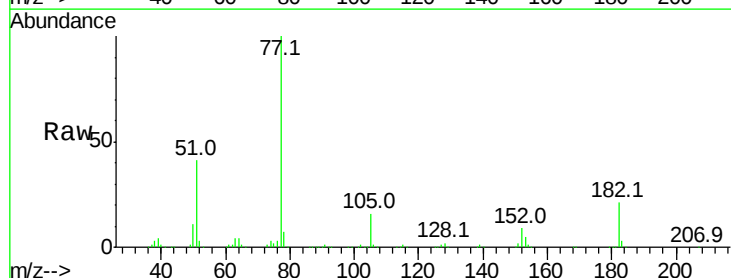
Ion Ratio Lower Upper

77 100

182 21.2 6.5 46.5

105 16.5 3.8 43.8

51 41.3 5.5 45.5

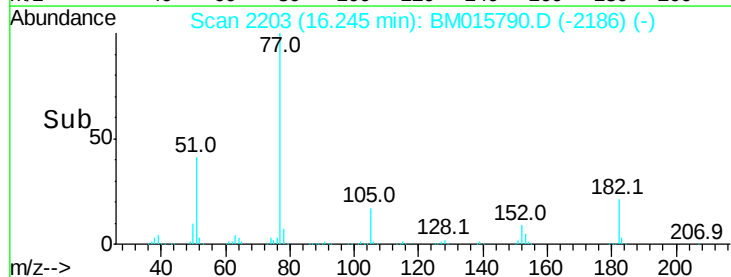
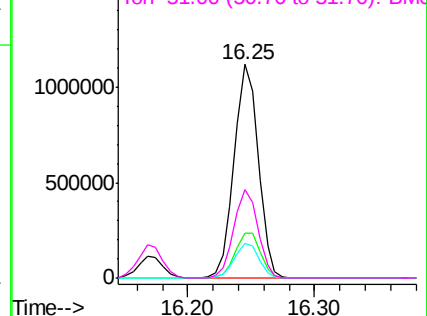


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

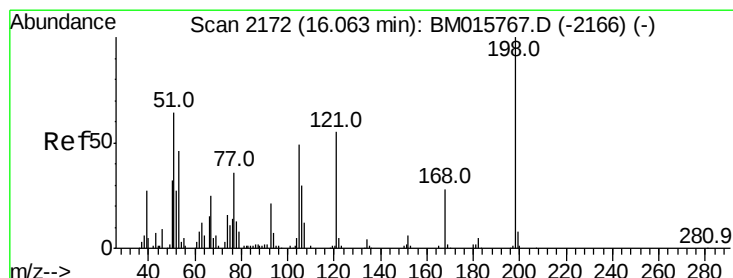
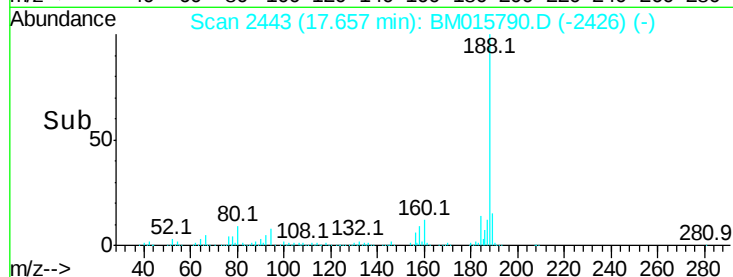
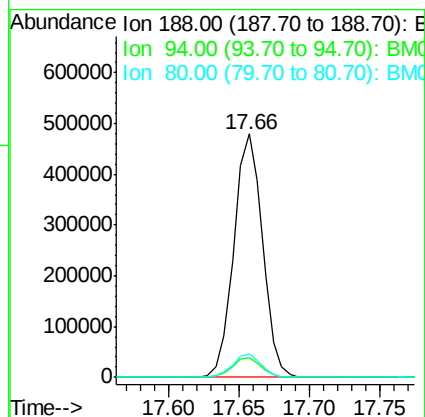
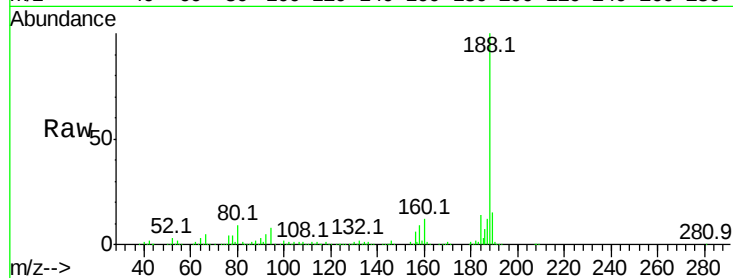




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

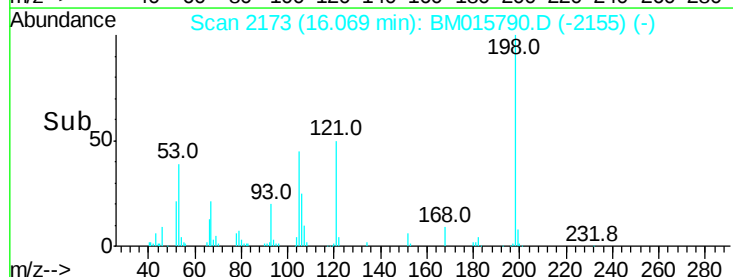
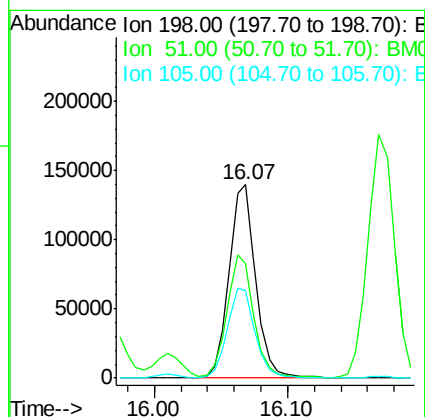
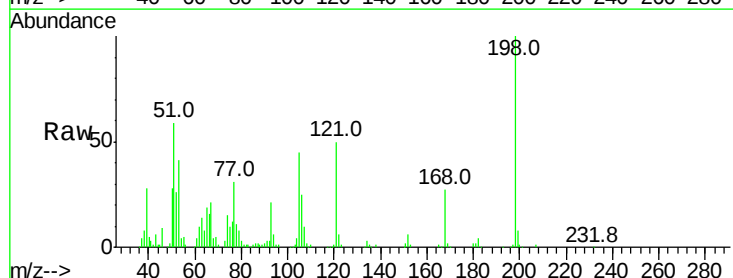
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 675761
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.5 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 47.919 ng
RT: 16.07 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:198 Resp: 196856
Ion Ratio Lower Upper
198 100
51 59.0 28.8 68.8
105 44.9 30.5 70.5

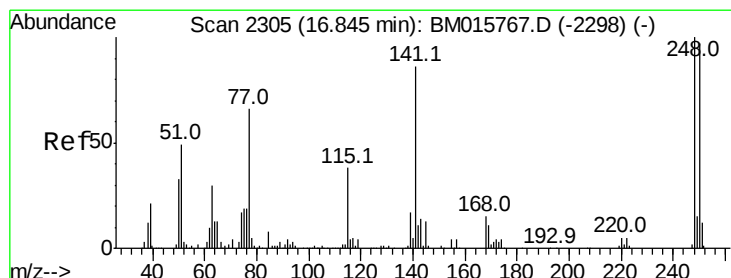
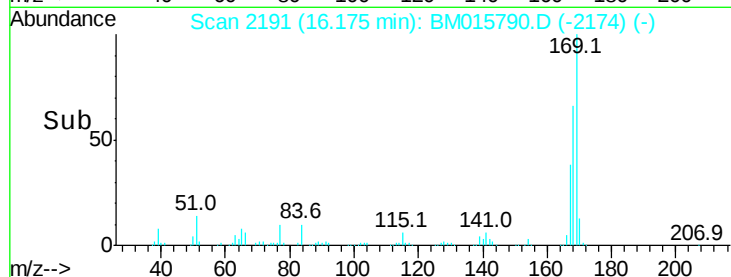
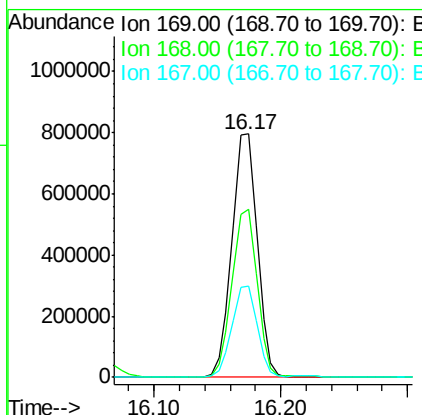
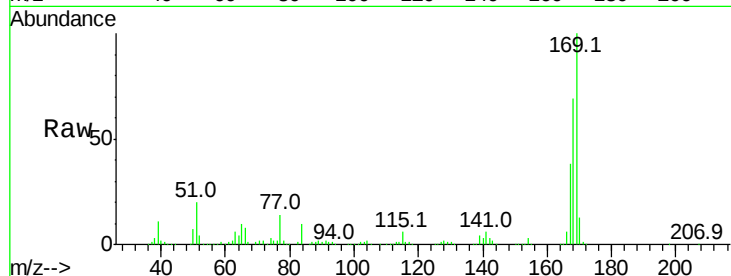




#65
n-Nitrosodiphenylamine
Concen: 47.542 ng
RT: 16.17 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

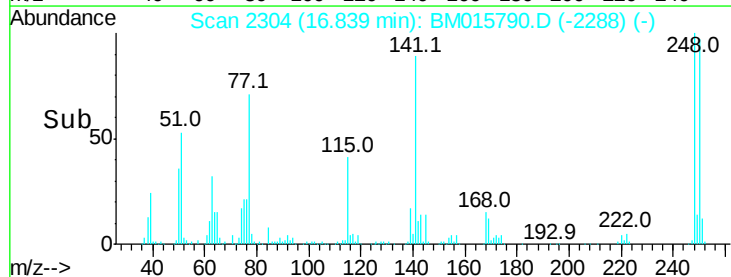
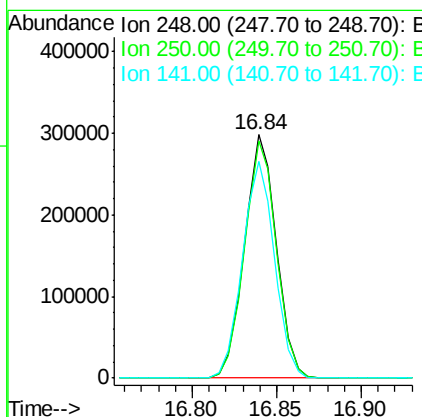
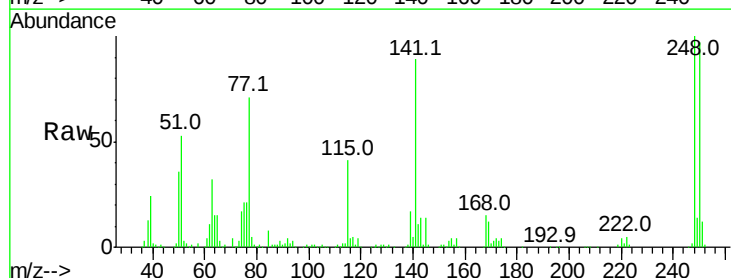
Instrument :
BNA_M
ClientSampleId :

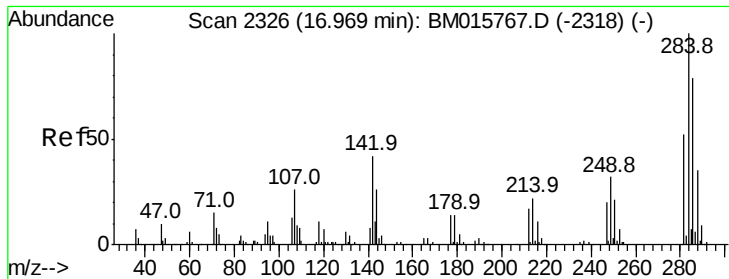
Tot Ion:169 Resp: 1100834
Ion Ratio Lower Upper
169 100
168 68.9 53.9 80.9
167 37.7 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 51.874 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:248 Resp: 391388
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 89.2 45.2 67.8#

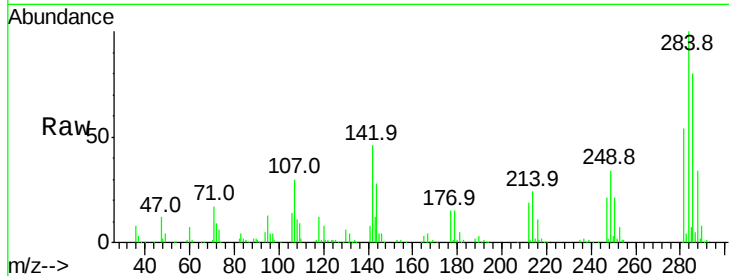




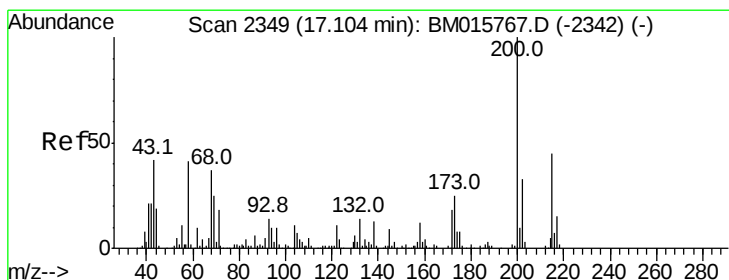
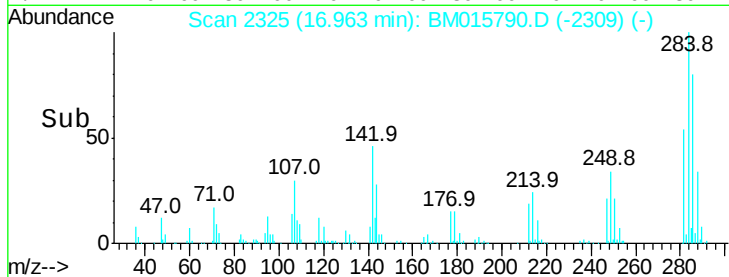
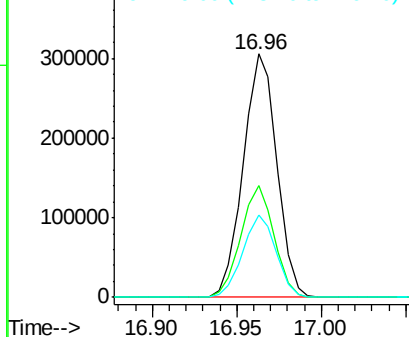
#67
Hexachlorobenzene
Concen: 50.263 ng
RT: 16.96 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 423770
Ion Ratio Lower Upper
284 100
142 45.9 20.4 30.6#
249 33.8 23.8 35.6

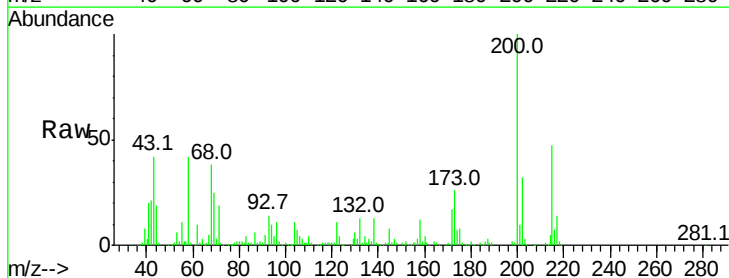


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

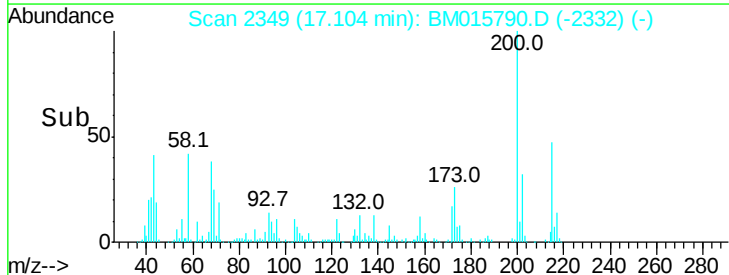
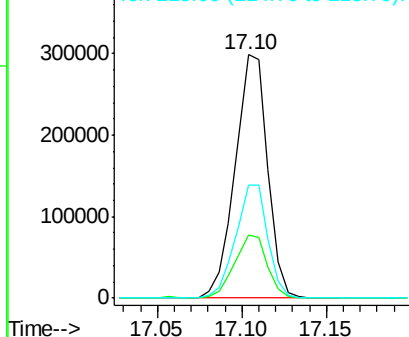


#68
Atrazine
Concen: 52.536 ng
RT: 17.10 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BM015790.D
Acq: 06 Jul 2018 07:43

Tgt Ion:200 Resp: 400133
Ion Ratio Lower Upper
200 100
173 25.8 4.8 44.8
215 46.5 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

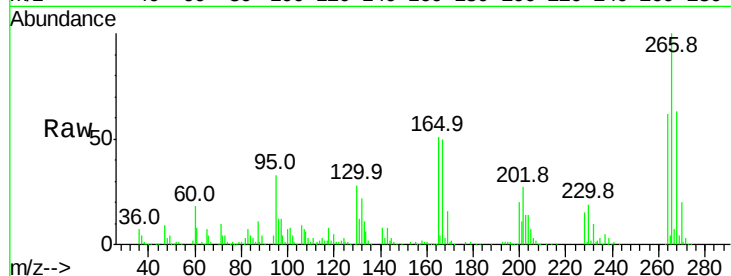




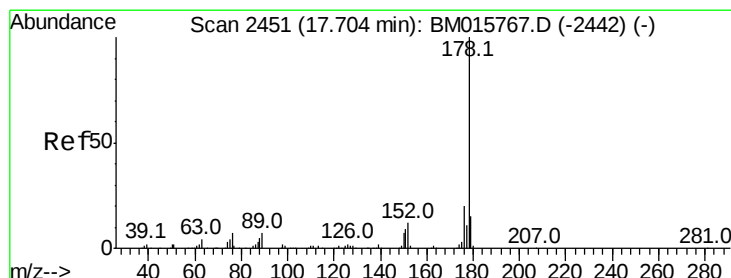
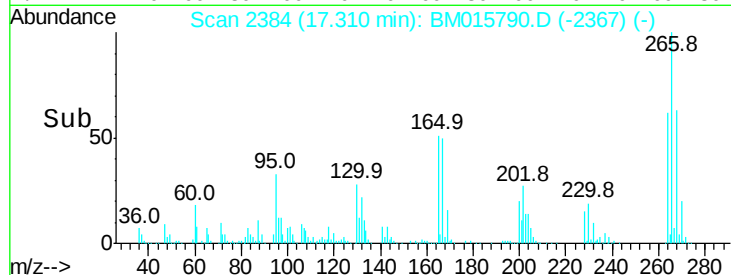
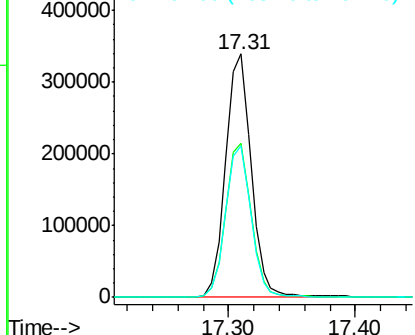
#69
 Pentachlorophenol
 Concen: 91.305 ng
 RT: 17.31 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 476342
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.0 78.0
 264 62.3 49.0 73.4

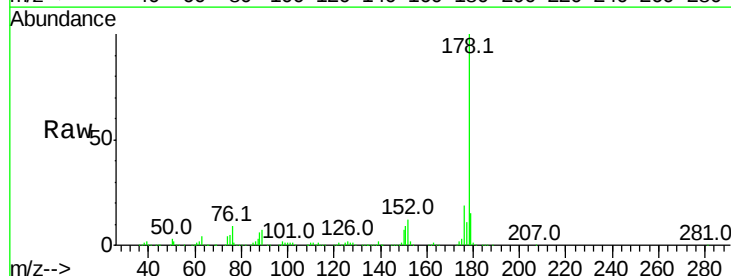


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

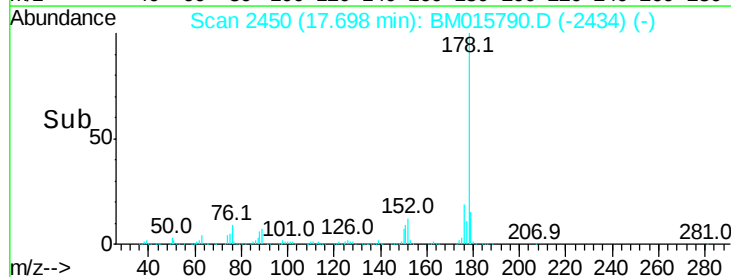
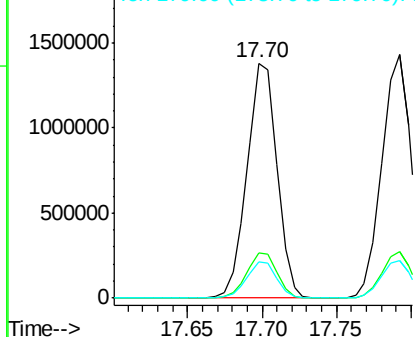


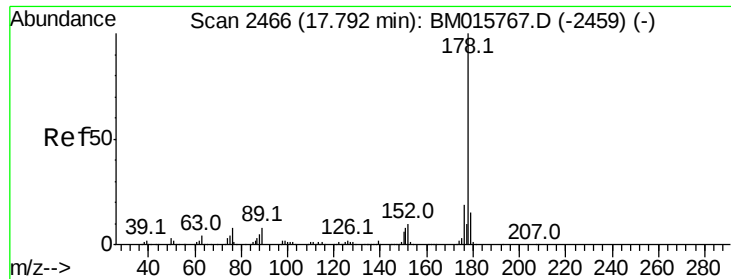
#70
 Phenanthrene
 Concen: 49.565 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion:178 Resp: 1916234
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 15.4 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



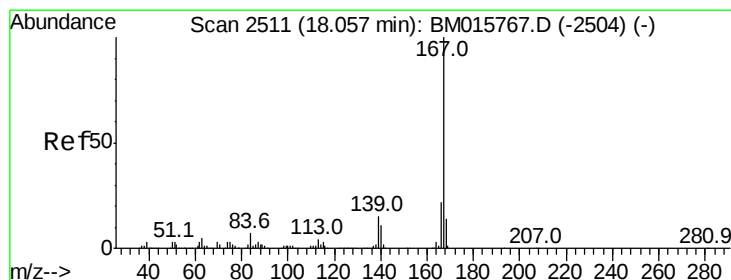
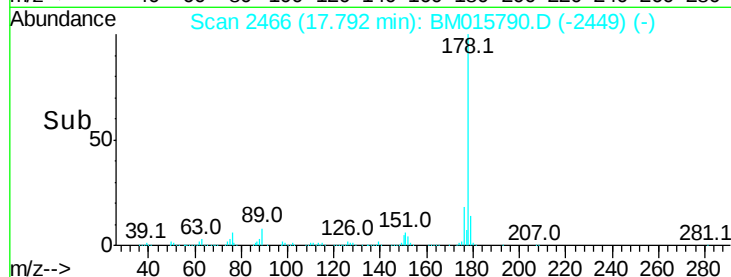
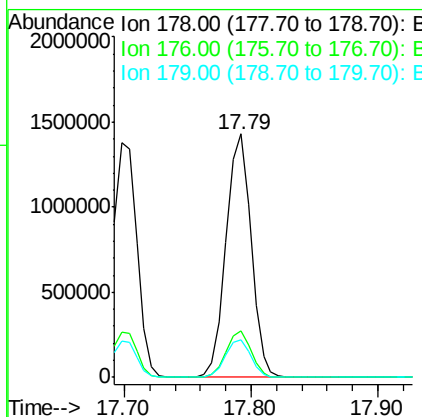
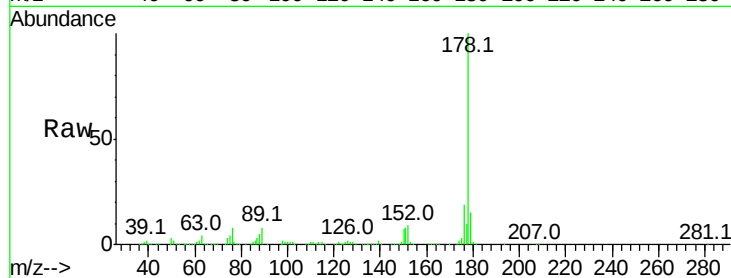


#71
 Anthracene
 Concen: 51.615 ng
 RT: 17.79 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1959675

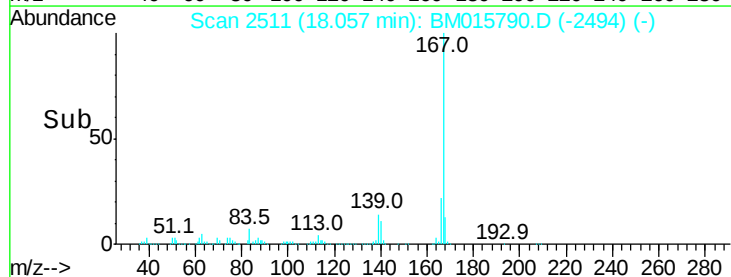
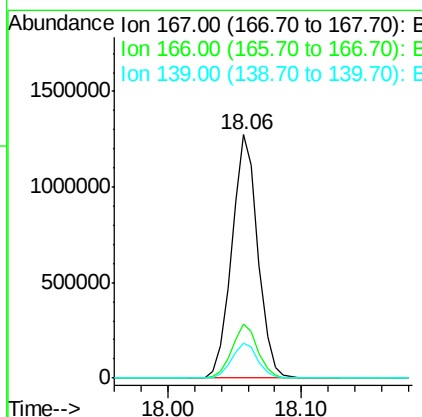
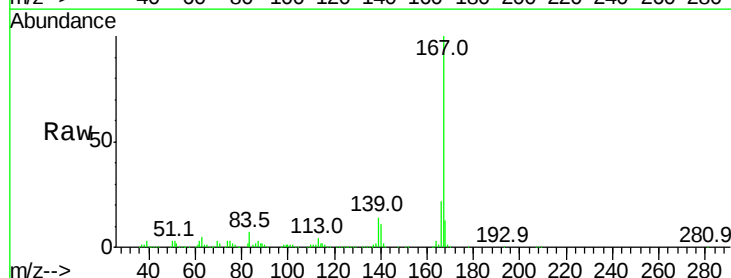
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.2	12.6	19.0

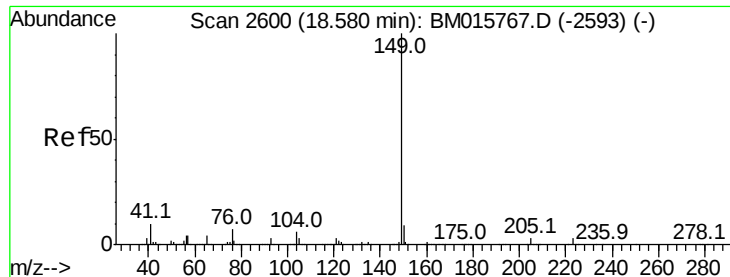


#72
 Carbazole
 Concen: 48.888 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion:167 Resp: 1729650

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 49.144 ng

RT: 18.57 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

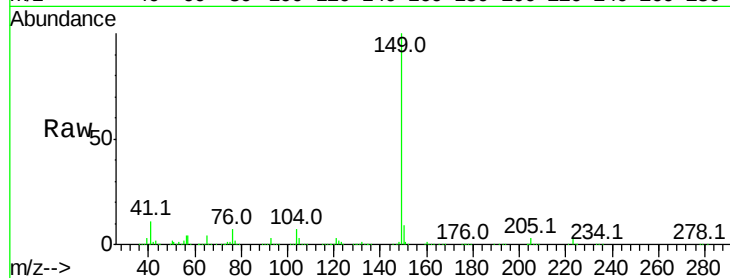
Tot Ion:149 Resp: 2343521

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

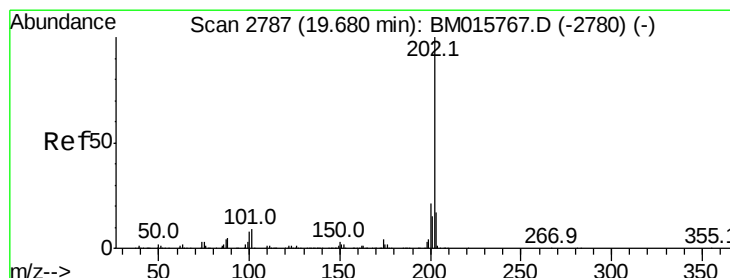
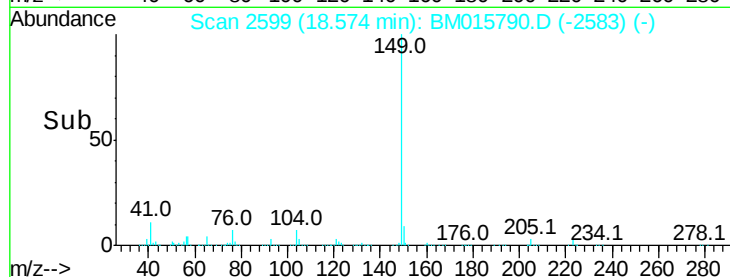
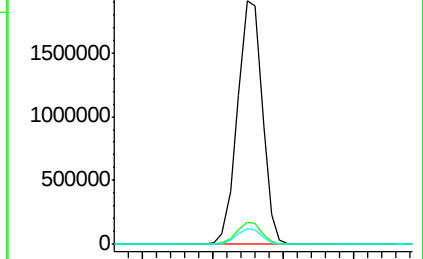
104 6.7 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.872 ng

RT: 19.68 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

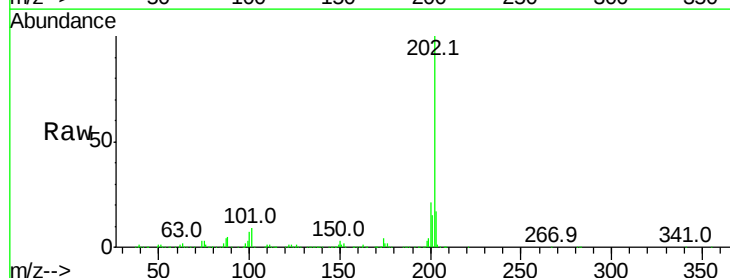
Tgt Ion:202 Resp: 2127660

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.7

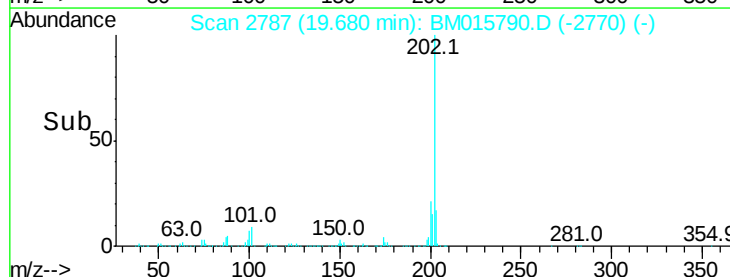
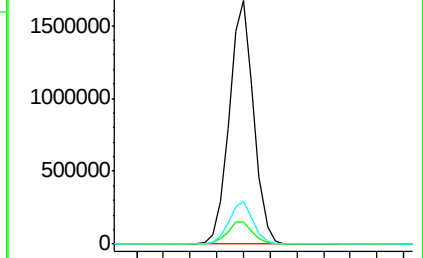
203 17.3 0.0 37.2

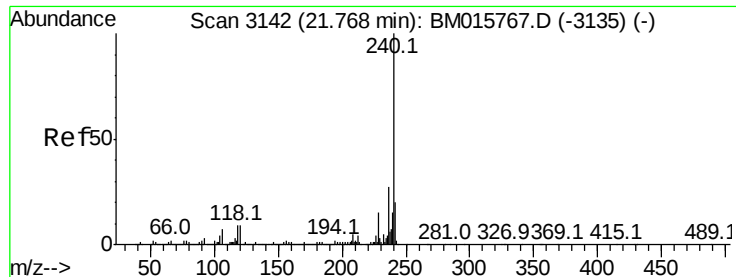


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

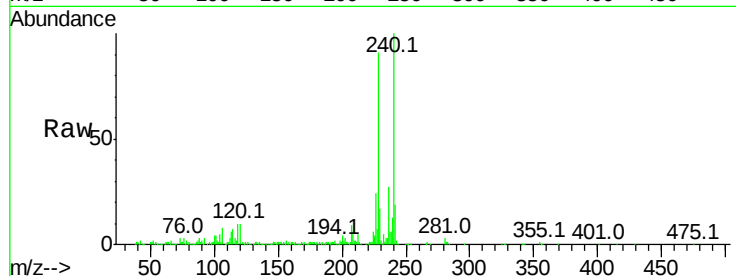
Tot Ion:240 Resp: 634543

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

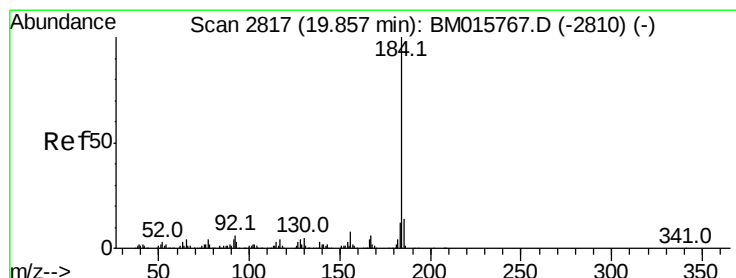
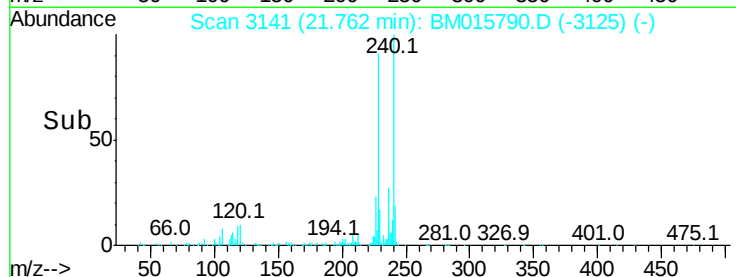
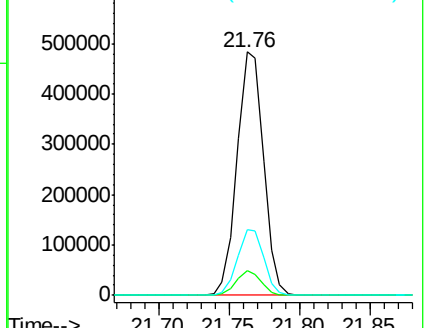
236 27.0 20.0 30.0



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: 40.587 ng

RT: 19.86 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

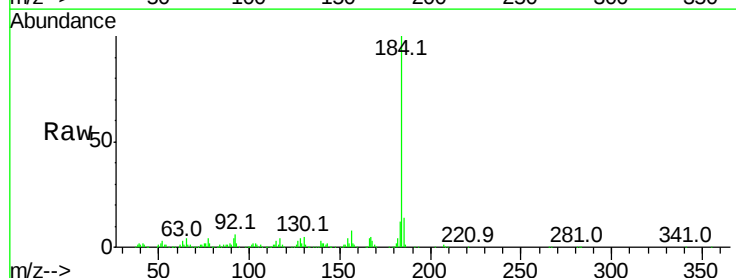
Tgt Ion:184 Resp: 754568

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

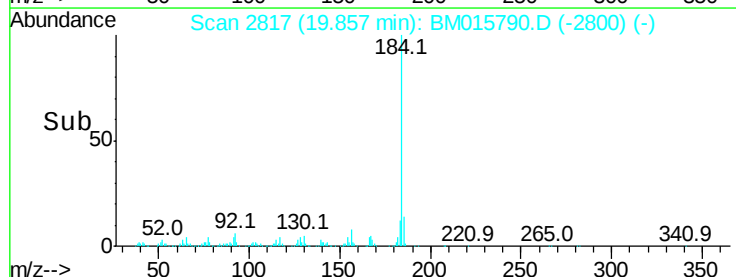
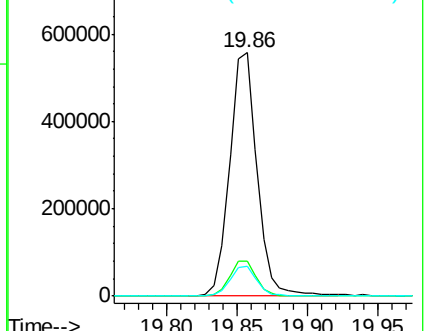
183 12.1 8.9 13.3

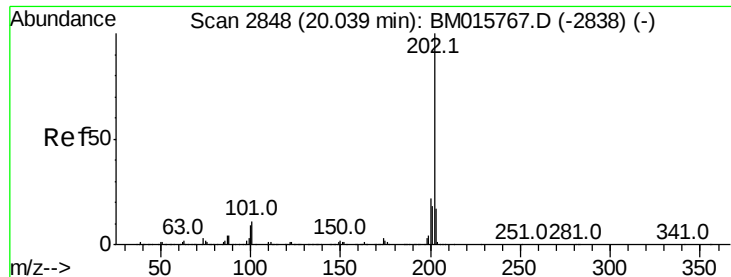


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.082 ng

RT: 20.04 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

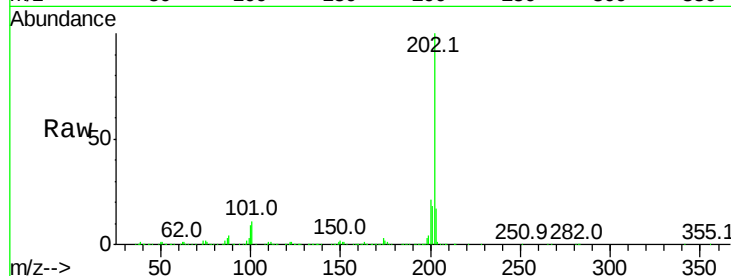
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2137692

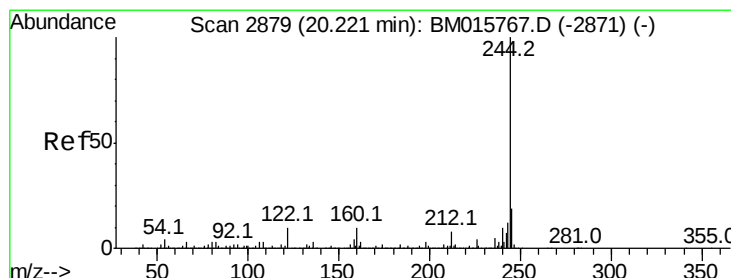
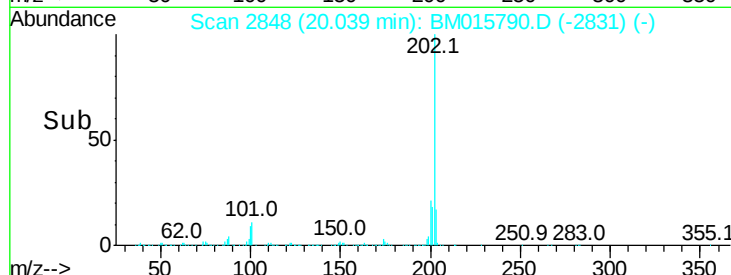
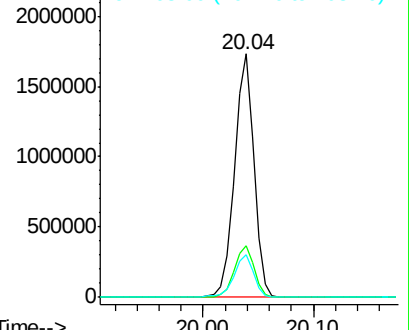
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 54.082 ng

RT: 20.22 min Scan# 2878

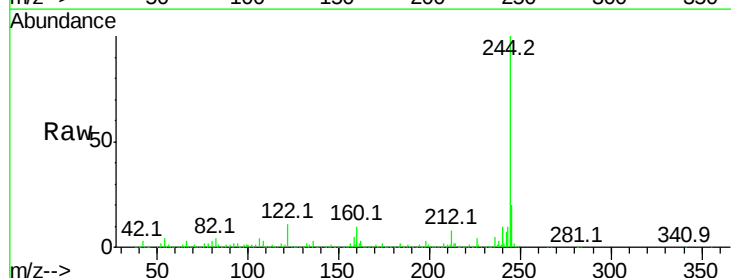
Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion:244 Resp: 3828786

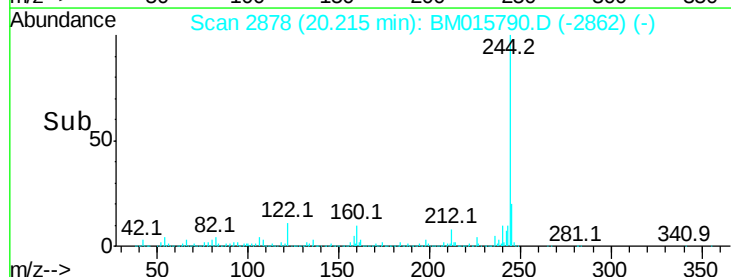
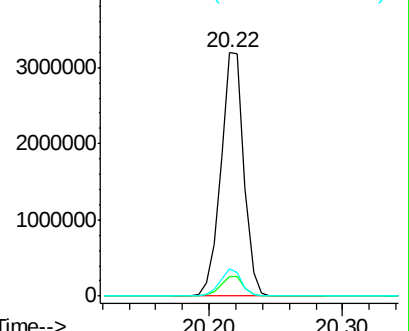
Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	11.2	6.2	9.4#

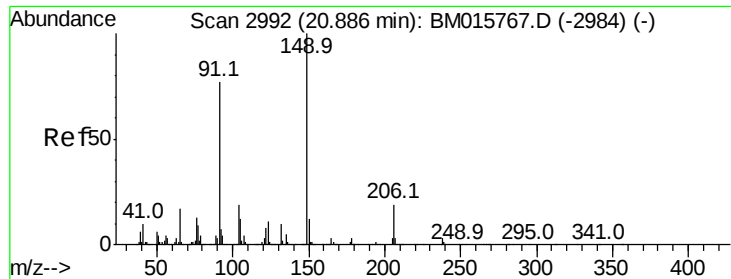


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.053 ng

RT: 20.89 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

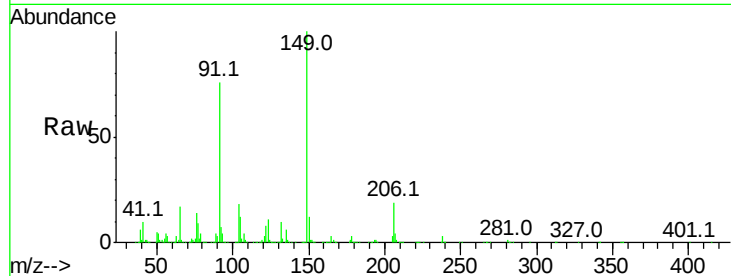
Tot Ion:149 Resp: 1013677

Ion Ratio Lower Upper

149 100

91 76.0 50.1 75.1#

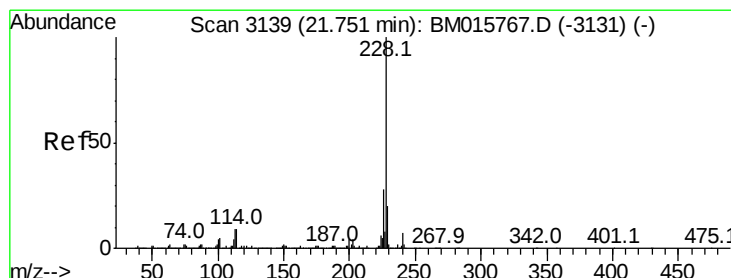
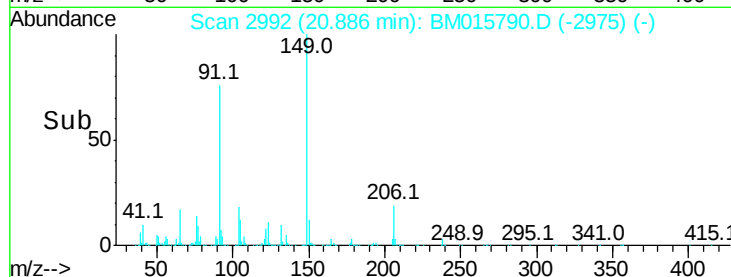
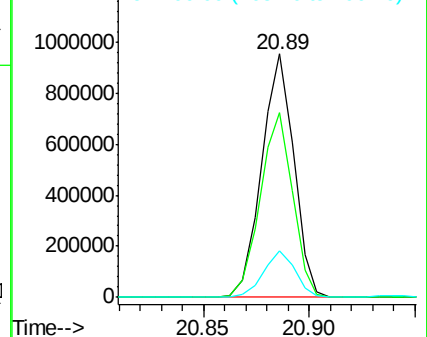
206 19.1 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.876 ng

RT: 21.75 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

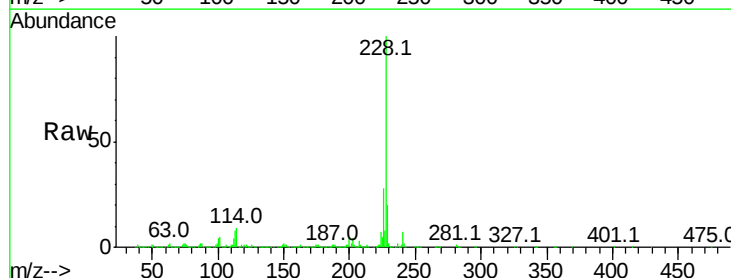
Tgt Ion:228 Resp: 2006596

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

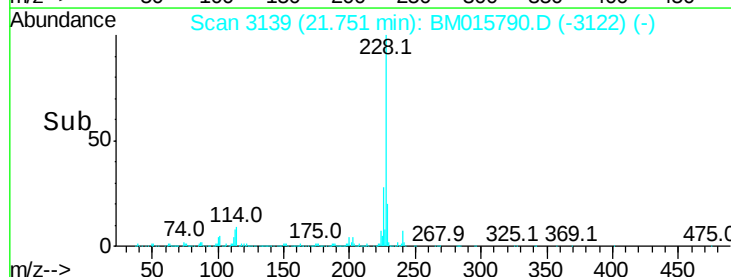
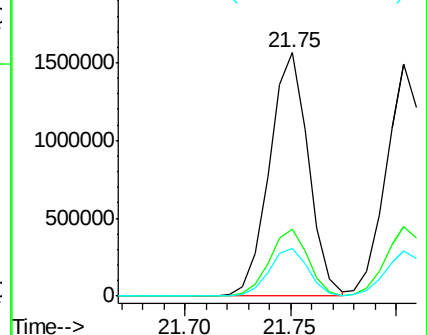
229 19.7 16.0 24.0

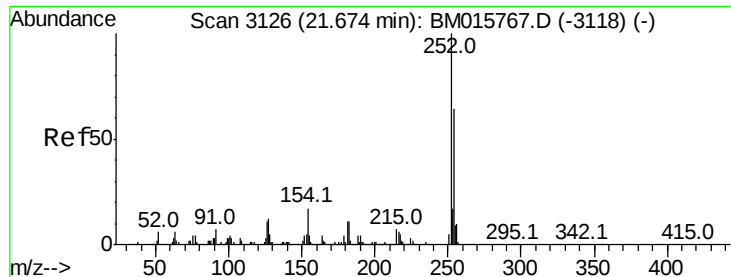


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

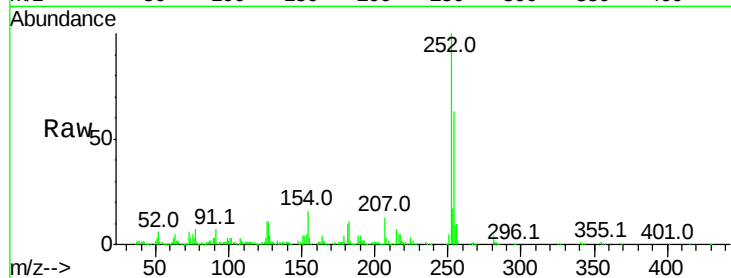




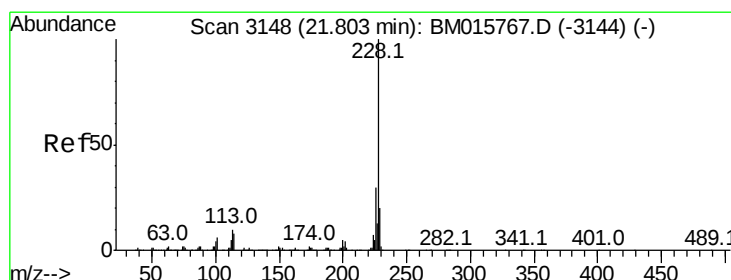
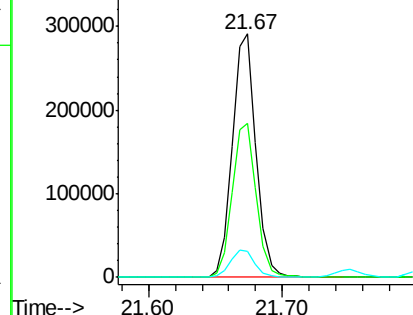
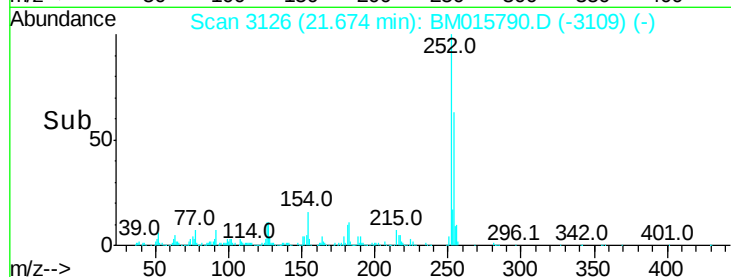
#81
 3,3'-Dichlorobenzidine
 Concen: 25.109 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	10.7	9.8	14.8

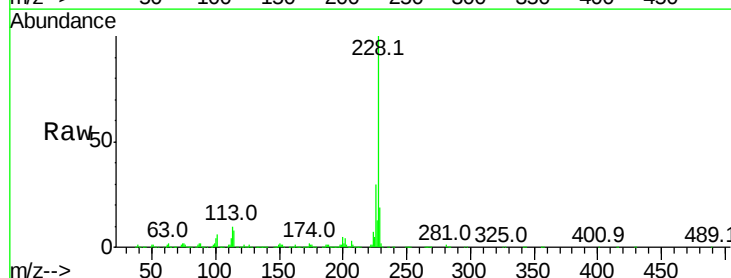


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

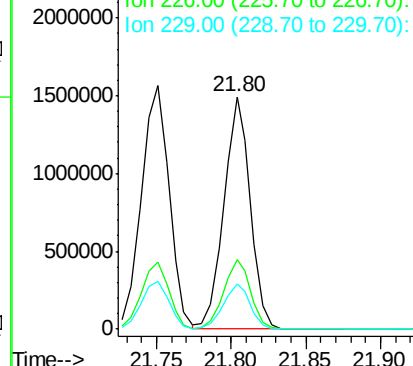
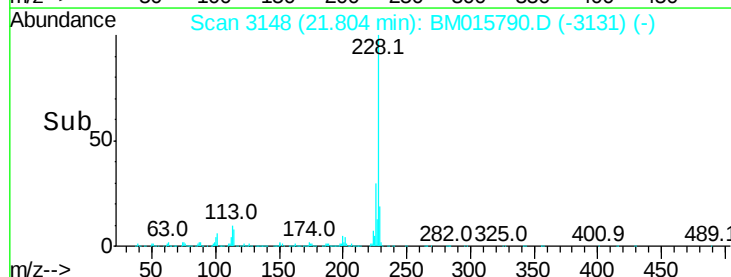


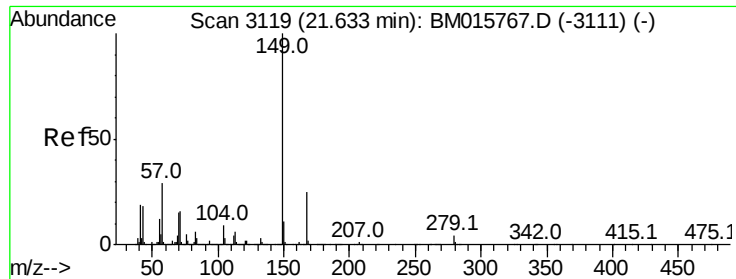
#82
 Chrysene
 Concen: 49.255 ng
 RT: 21.80 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BM015790.D
 Acq: 06 Jul 2018 07:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.4	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: 50.748 ng

RT: 21.63 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

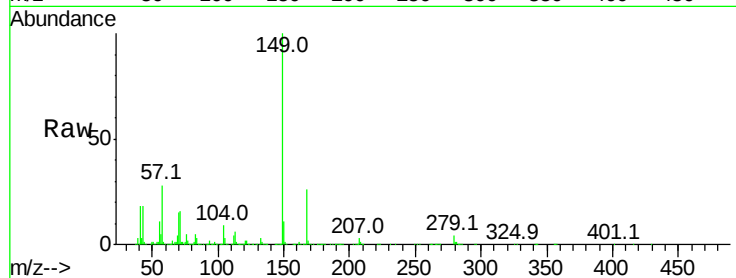
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1432688

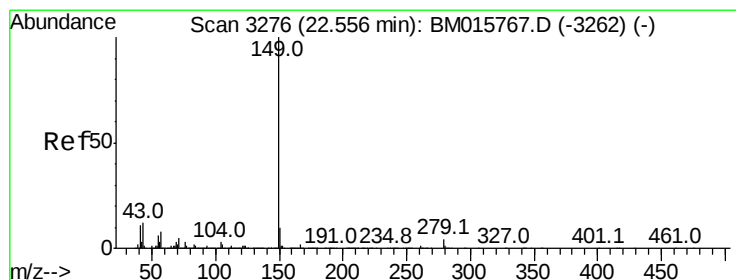
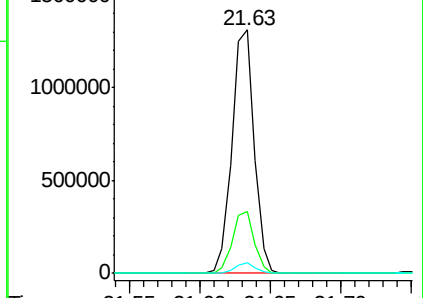
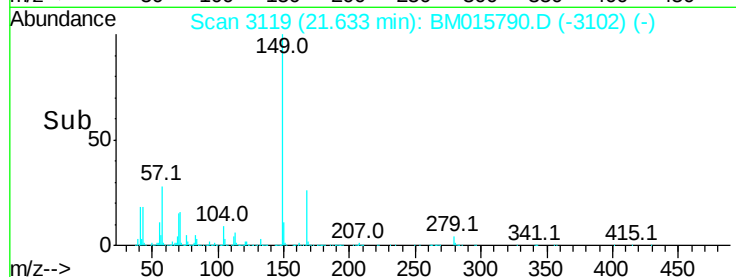
Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.4	33.6
279	4.2	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.313 ng

RT: 22.55 min Scan# 3275

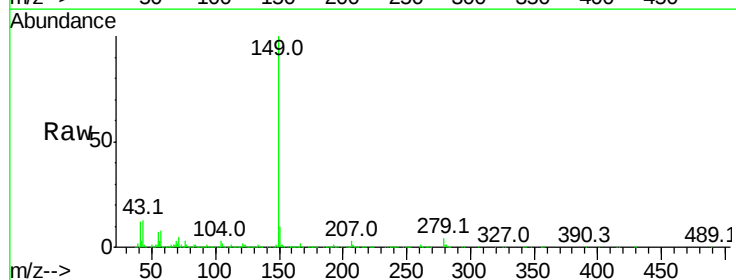
Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion:149 Resp: 2224000

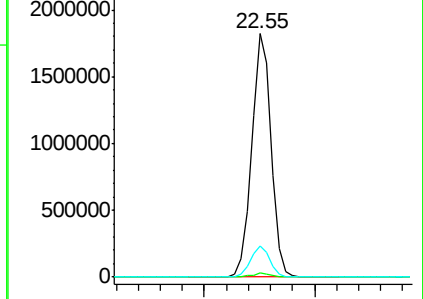
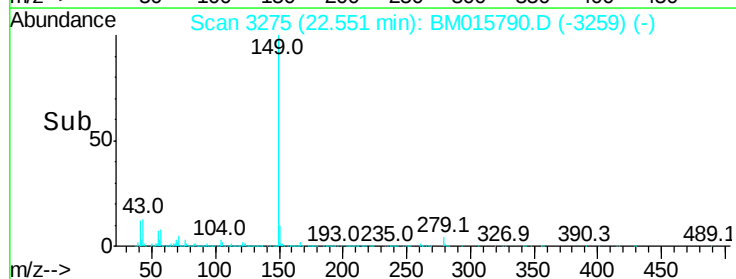
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.7	7.3	10.9

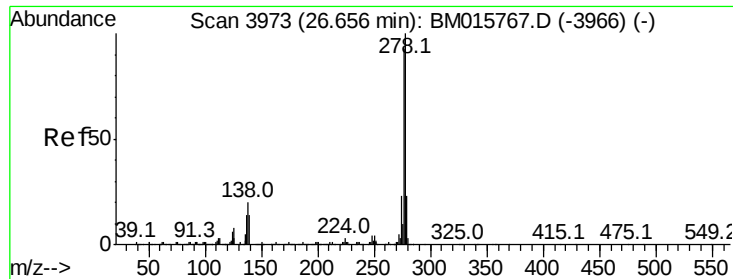


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.395 ng

RT: 26.65 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

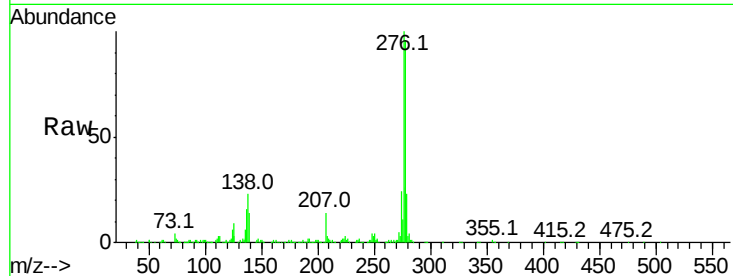
Tot Ion:276 Resp: 1476194

Ion Ratio Lower Upper

276 100

138 21.9 12.0 18.0#

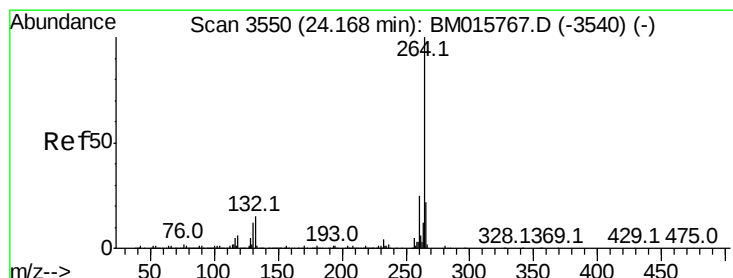
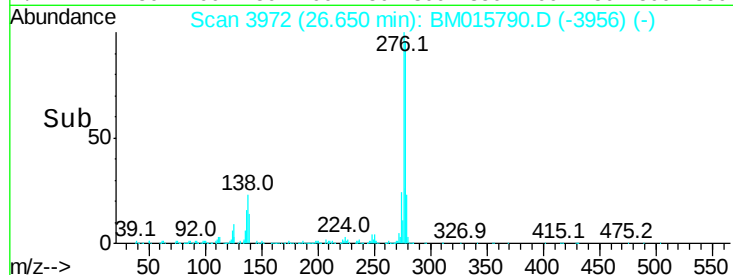
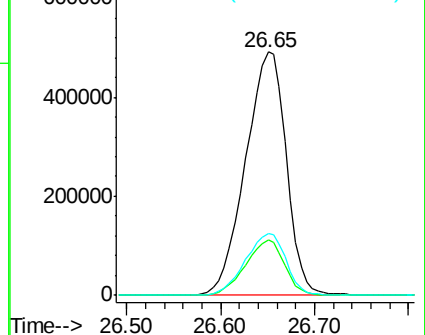
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

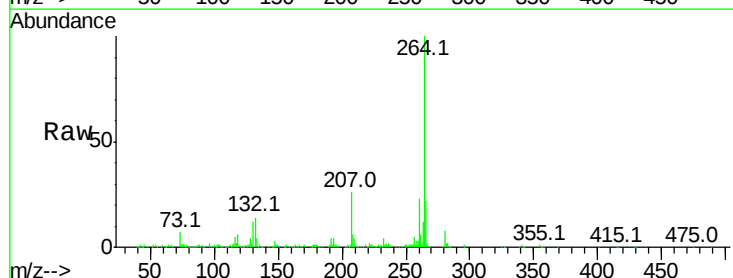
Tgt Ion:264 Resp: 480407

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

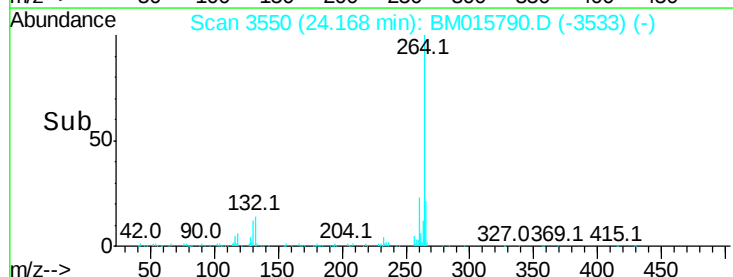
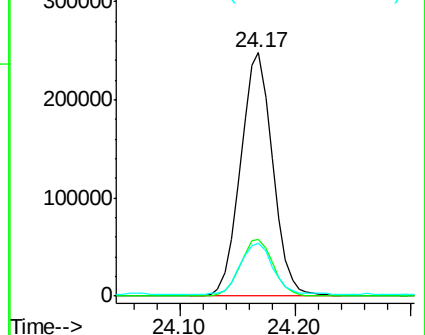
265 21.8 17.3 25.9



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: 51.957 ng

RT: 23.44 min Scan# 3426

Delta R.T. 0.00 min

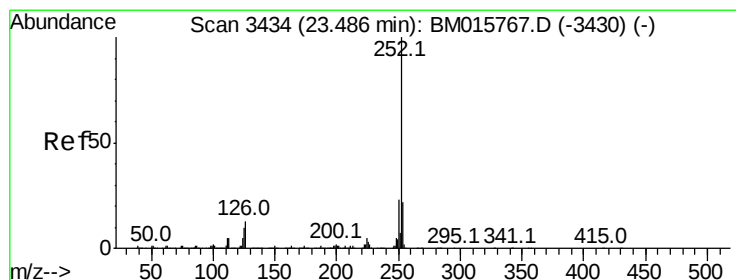
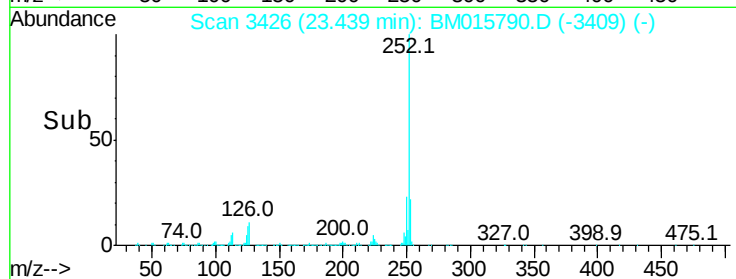
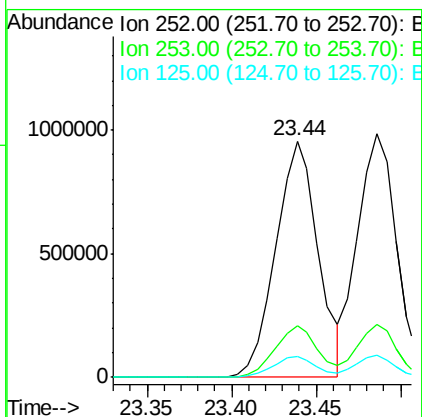
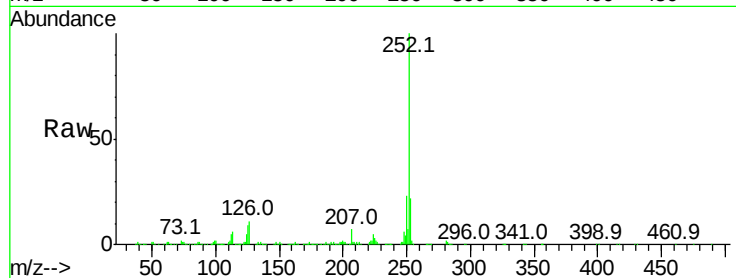
Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 1666473

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 50.635 ng

RT: 23.49 min Scan# 3434

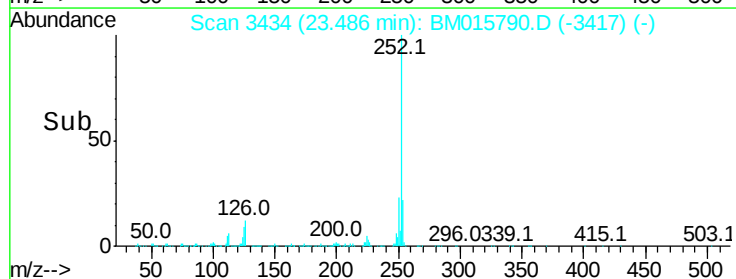
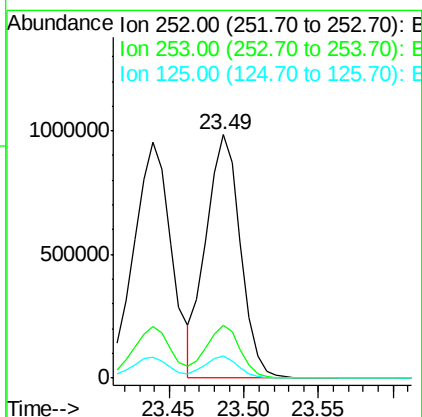
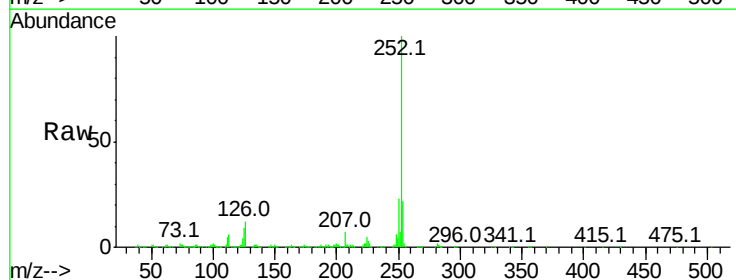
Delta R.T. 0.00 min

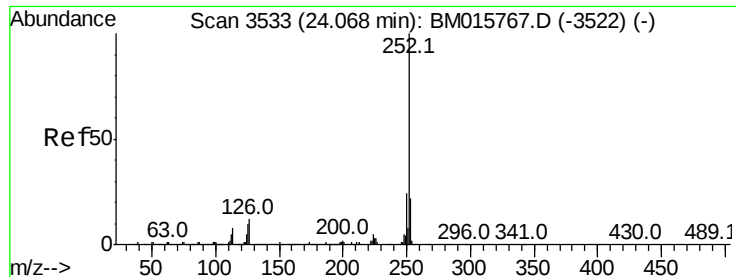
Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Tgt Ion:252 Resp: 1577627

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.2	8.1	12.1





#89

Benzo(a)pyrene

Concen: 52.164 ng

RT: 24.07 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

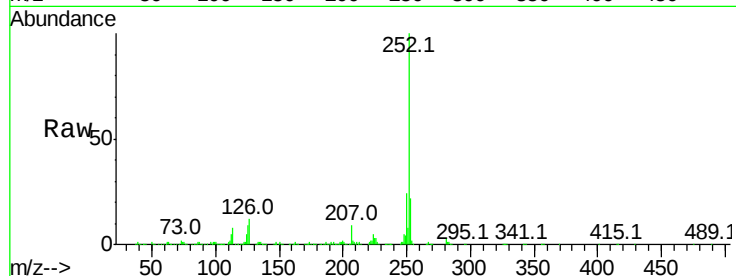
Tot Ion:252 Resp: 1472802

Ion Ratio Lower Upper

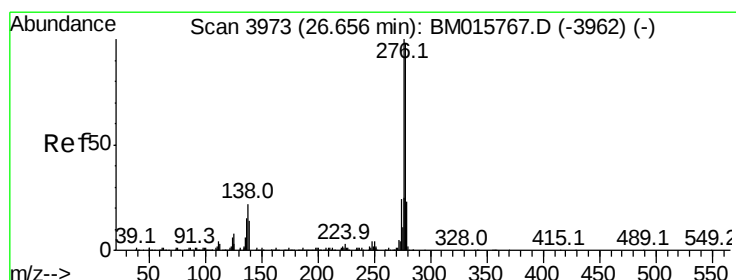
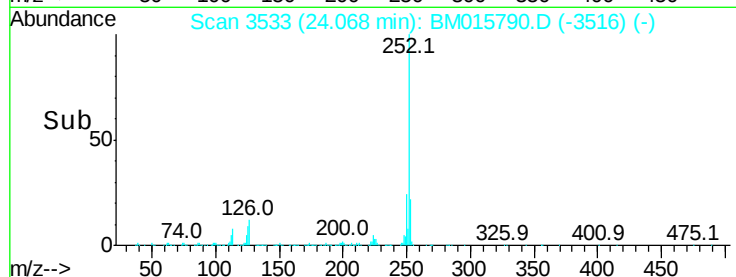
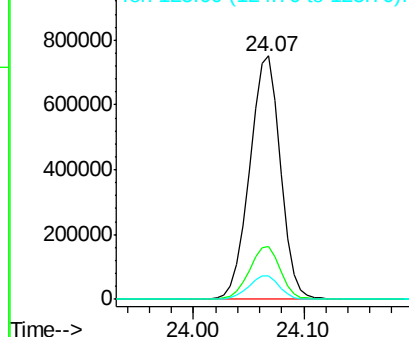
252 100

253 21.8 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: 49.569 ng

RT: 26.65 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

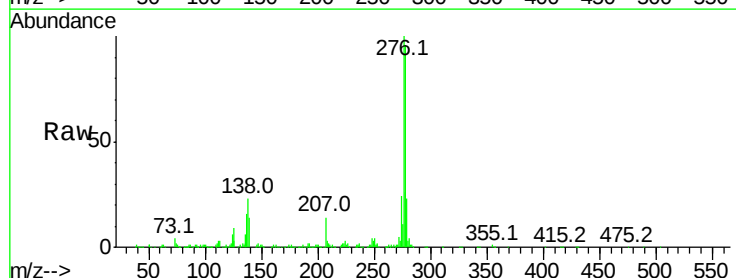
Tgt Ion:278 Resp: 1259203

Ion Ratio Lower Upper

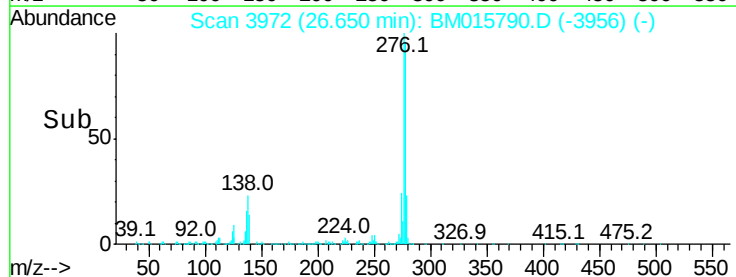
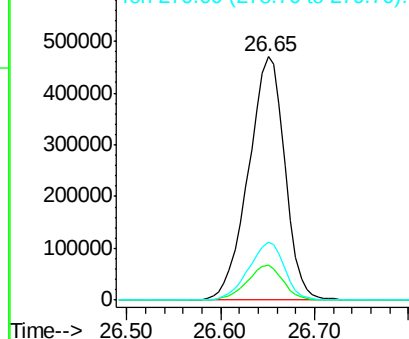
278 100

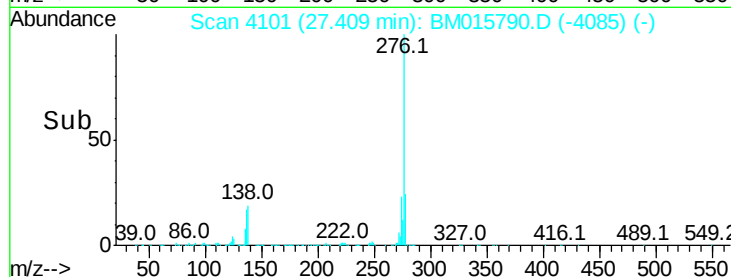
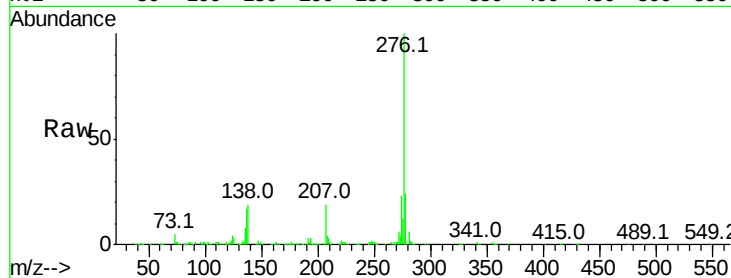
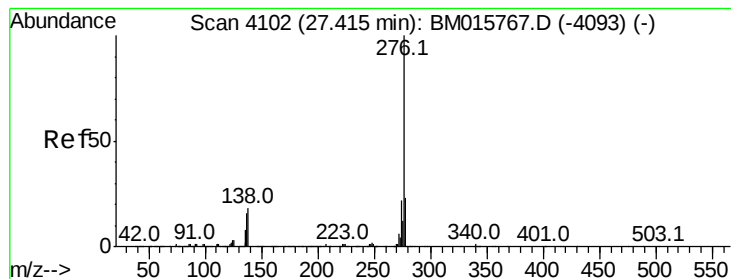
139 14.4 13.4 20.0

279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.081 ng

RT: 27.41 min Scan# 4101

Delta R.T. -0.01 min

Lab File: BM015790.D

Acq: 06 Jul 2018 07:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1140138

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 18.7 19.0 28.6#

