

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
 Data File : BG035748.D
 Acq On : 19 Jul 2018 11:26
 Operator : JU/SJ
 Sample : PB111228BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 14:29:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44204	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	160735	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	116276	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	306017	20.00	ng	0.00
75) Chrysene-d12	21.67	240	330546	20.00	ng	0.00
86) Perylene-d12	24.88	264	322990	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	274144	102.96	ng	0.00
7) Phenol-d6	7.21	99	396411	99.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	379766	98.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	169501	110.60	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	891769	102.75	ng	0.00
78) Terphenyl-d14	20.01	244	1422683	94.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	44423	32.781	ng	# 74
3) Pyridine	3.92	79	124908	35.308	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	59577	39.221	ng	# 79
6) Aniline	7.37	93	107539	20.886	ng	91
8) 2-Chlorophenol	7.61	128	133751	49.393	ng	94
9) Benzaldehyde	7.18	77	71756	29.439	ng	97
10) Phenol	7.23	94	201793	50.280	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	130010	41.365	ng	93
12) 1,3-Dichlorobenzene	7.92	146	144383	44.153	ng	93
13) 1,4-Dichlorobenzene	8.07	146	146045	43.956	ng	97
14) 1,2-Dichlorobenzene	8.39	146	138362	43.348	ng	100
15) Benzyl Alcohol	8.28	79	152356	42.235	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	153083	58.095	ng	80
17) 2-Methylphenol	8.48	107	132400	48.522	ng	# 89
18) Hexachloroethane	9.12	117	53027	41.741	ng	85
19) n-Nitroso-di-n-propylamine	8.84	70	127534	38.125	ng	# 81
20) 3+4-Methylphenols	8.81	107	186597	49.294	ng	90
22) Acetophenone	8.86	105	228750	45.765	ng	# 91
24) Nitrobenzene	9.24	77	180104	46.544	ng	96
25) Isophorone	9.76	82	363213	50.852	ng	100
26) 2-Nitrophenol	9.95	139	77548	56.428	ng	# 82
27) 2,4-Dimethylphenol	10.01	122	140255	60.292	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	195175	49.590	ng	99
29) 2,4-Dichlorophenol	10.49	162	156266	58.847	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	162249	49.828	ng	93
31) Naphthalene	10.89	128	400536	47.837	ng	98
32) Benzoic acid	10.16	122	38769	24.756	ng	96
33) 4-Chloroaniline	11.00	127	53235	14.588	ng	96
34) Hexachlorobutadiene	11.17	225	123067	48.468	ng	95
35) Caprolactam	11.78	113	32079	28.150	ng	# 77
36) 4-Chloro-3-methylphenol	12.12	107	196199	55.121	ng	97
37) 2-Methylnaphthalene	12.49	142	324594	52.036	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	215054	49.002	ng	97
40) Hexachlorocyclopentadiene	12.84	237	283628	123.231	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	147651	57.530	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	158232	55.111	ng	98
45) 1,1'-Biphenyl	13.49	154	450139	49.933	ng	98
46) 2-Chloronaphthalene	13.54	162	358900	51.183	ng	99
47) 2-Nitroaniline	13.75	65	123968	50.007	ng	96
48) Acenaphthylene	14.39	152	591013	50.316	ng	97
49) Dimethylphthalate	14.12	163	497325	48.817	ng	99
50) 2,6-Dinitrotoluene	14.23	165	114504	55.194	ng	94
51) Acenaphthene	14.73	154	346915	47.412	ng	99
52) 3-Nitroaniline	14.57	138	41291	19.474	ng #	94
53) 2,4-Dinitrophenol	14.78	184	11167	16.189	ng #	64
54) Dibenzofuran	15.06	168	580632	49.896	ng	93
55) 4-Nitrophenol	14.89	139	151427	100.281	ng #	86
56) 2,4-Dinitrotoluene	15.02	165	164657	55.324	ng	88
57) Fluorene	15.71	166	487773	50.011	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	150315	54.604	ng	95
59) Diethylphthalate	15.47	149	504205	48.132	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	286229	49.931	ng	96
61) 4-Nitroaniline	15.73	138	105572	47.599	ng #	76
62) Azobenzene	15.99	77	507758	49.140	ng	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	37809	22.195	ng	85
65) n-Nitrosodiphenylamine	15.91	169	430894	49.469	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	188115	52.985	ng	96
67) Hexachlorobenzene	16.71	284	191659	52.421	ng	98
68) Atrazine	16.86	200	194954	54.360	ng	96
69) Pentachlorophenol	17.06	266	120357	54.046	ng	95
70) Phenanthrene	17.45	178	782879	51.270	ng	99
71) Anthracene	17.54	178	801032	52.684	ng	99
72) Carbazole	17.81	167	729571	50.526	ng	98
73) Di-n-butylphthalate	18.36	149	823848	48.282	ng #	98
74) Fluoranthene	19.46	202	1015314	49.364	ng	96
76) Benzidine	19.63	184	289986	33.370	ng	98
77) Pyrene	19.81	202	1013506	48.491	ng	96
79) Butylbenzylphthalate	20.70	149	390816	52.289	ng	96
80) Benzo(a)anthracene	21.65	228	1027975	49.905	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	197393	27.483	ng #	96
82) Chrysene	21.72	228	962551	50.426	ng	97
83) Bis(2-ethylhexyl)phthalate	21.55	149	539767	53.120	ng #	98
84) Di-n-octyl phthalate	22.76	149	916518	53.870	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.53	276	1135352	53.723	ng #	86
87) Benzo(b)fluoranthene	23.86	252	1027755	52.353	ng #	95
88) Benzo(k)fluoranthene	23.93	252	955124	49.766	ng #	97
89) Benzo(a)pyrene	24.73	252	983260	53.838	ng #	98
90) Dibenzo(a,h)anthracene	28.59	278	947926	52.868	ng #	96
91) Benzo(g,h,i)perylene	29.68	276	949140	54.097	ng	96

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

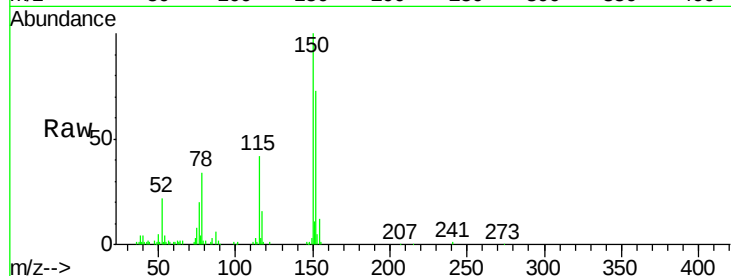


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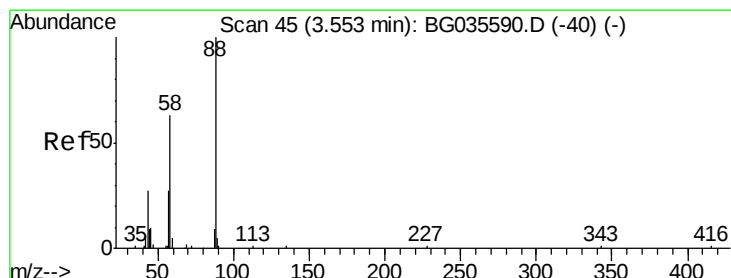
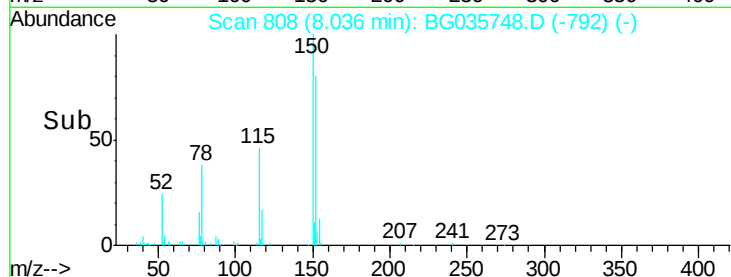
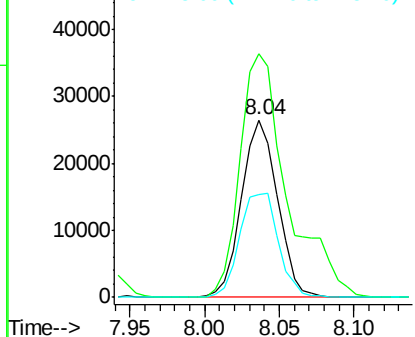
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44204
Ion Ratio Lower Upper
152 100
150 137.1 126.6 189.8
115 58.0 53.0 79.4



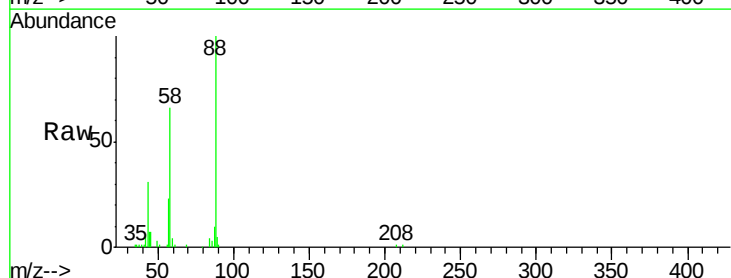
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



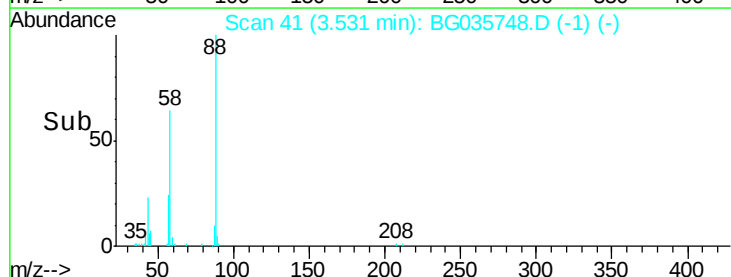
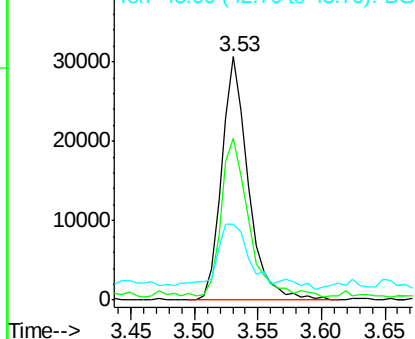
#2

1,4-Dioxane
Concen: 32.781 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion: 88 Resp: 44423
Ion Ratio Lower Upper
88 100
58 68.2 79.6 119.4#
43 28.6 27.4 41.0



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





#3

Pyridine

Concen: 35.308 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

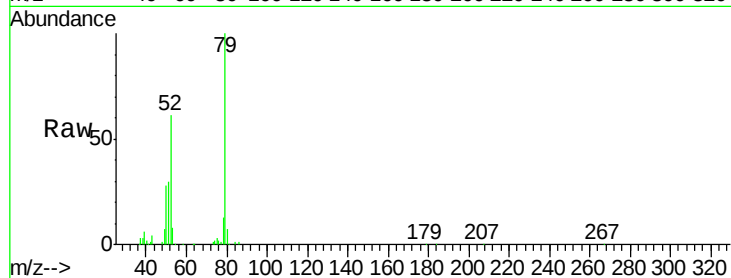
Tgt Ion: 79 Resp: 124908

Ion Ratio Lower Upper

79 100

52 60.9 69.9 104.9#

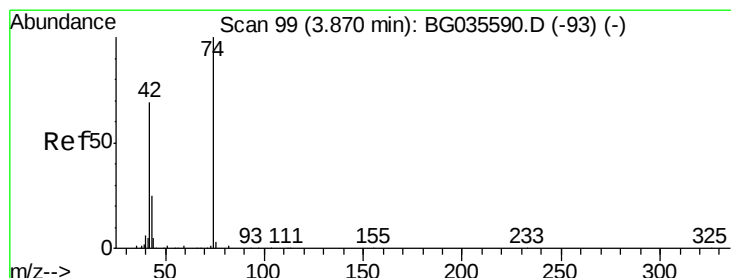
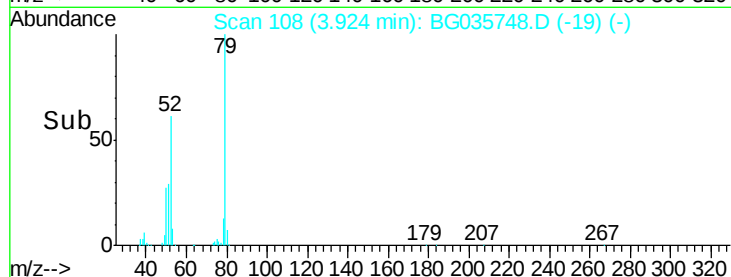
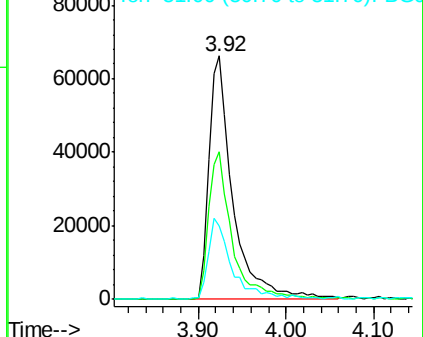
51 30.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.221 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

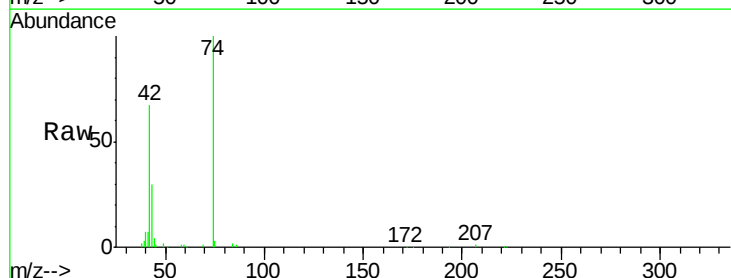
Tgt Ion: 42 Resp: 59577

Ion Ratio Lower Upper

42 100

74 148.6 102.5 153.7

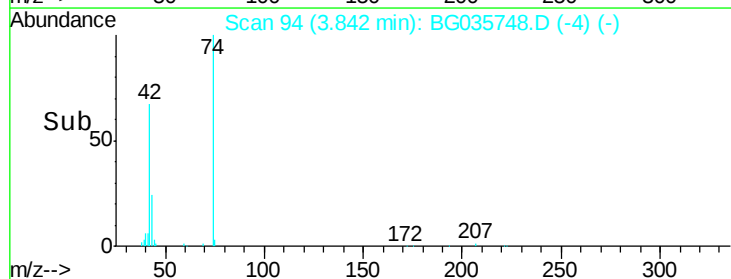
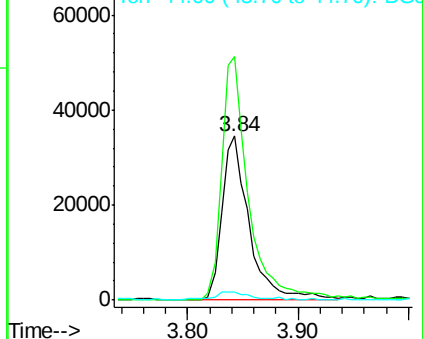
44 5.3 18.9 28.3#

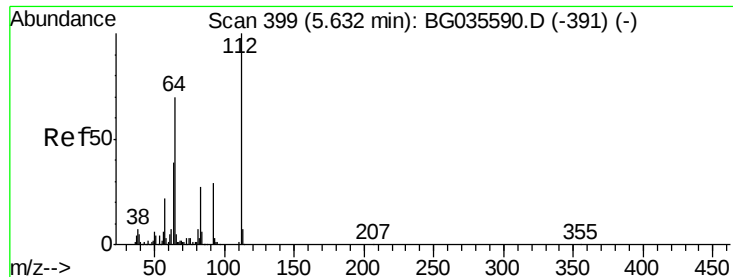


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 102.964 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

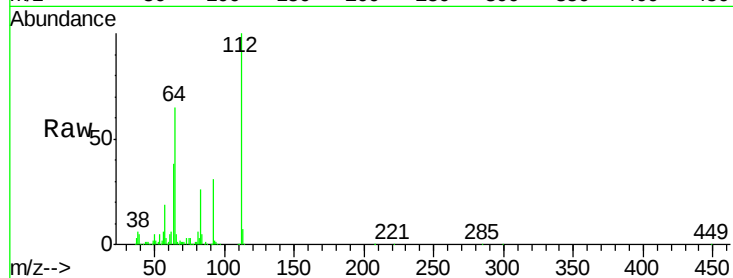
Tgt Ion: 112 Resp: 274144

Ion Ratio Lower Upper

112 100

64 64.7 56.3 84.5

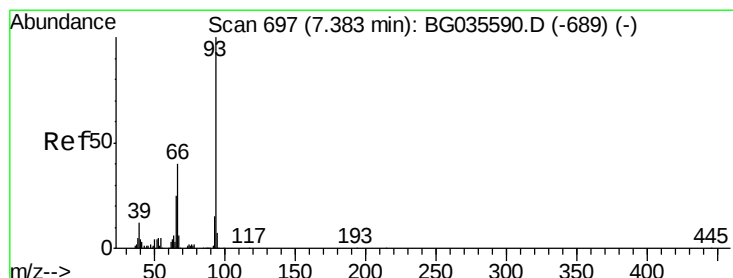
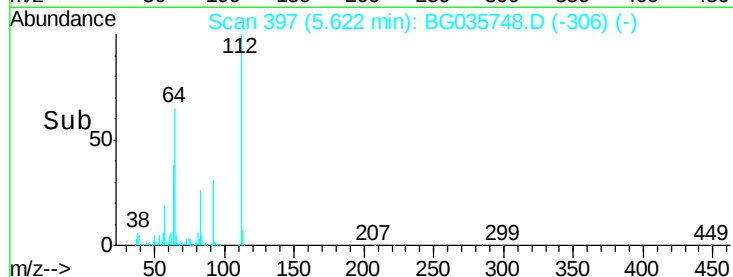
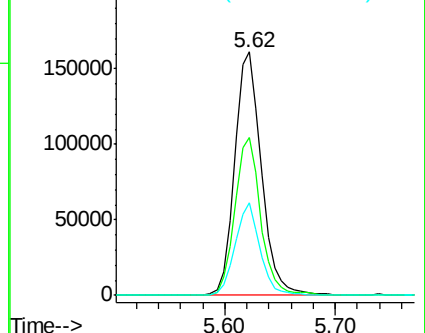
63 38.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.886 ng

RT: 7.37 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

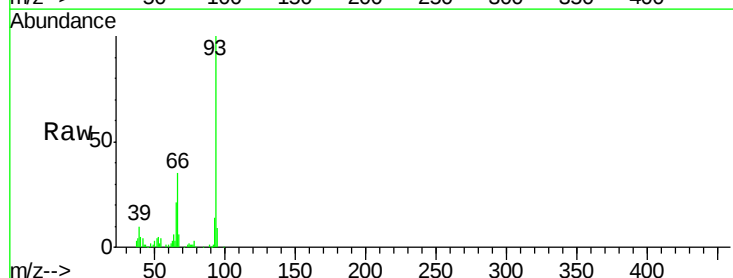
Tgt Ion: 93 Resp: 107539

Ion Ratio Lower Upper

93 100

66 34.7 33.7 50.5

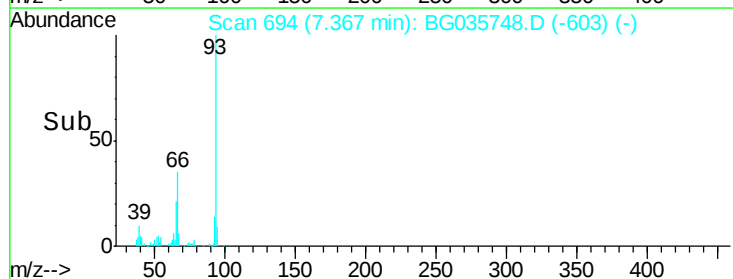
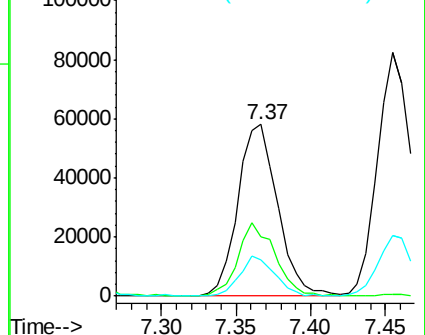
65 21.1 16.1 24.1

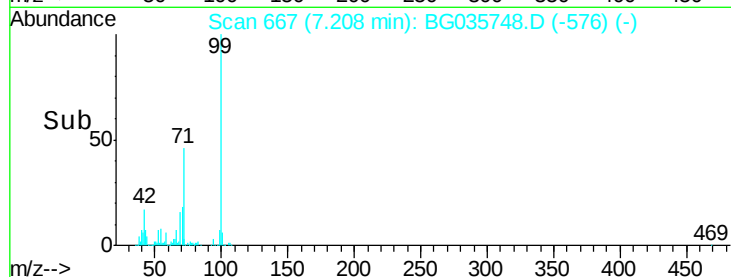
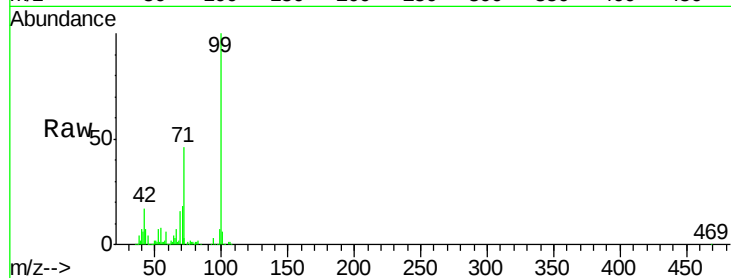
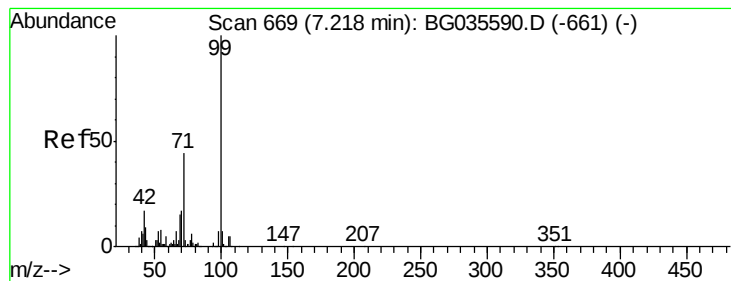


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.790 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampled :

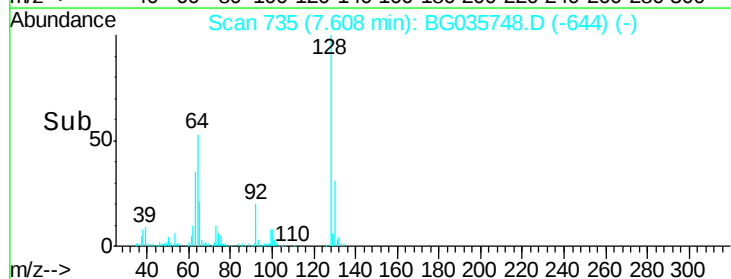
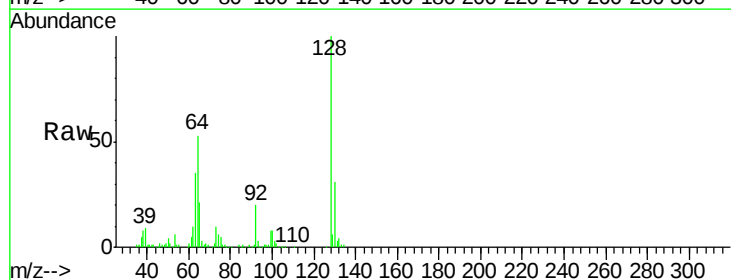
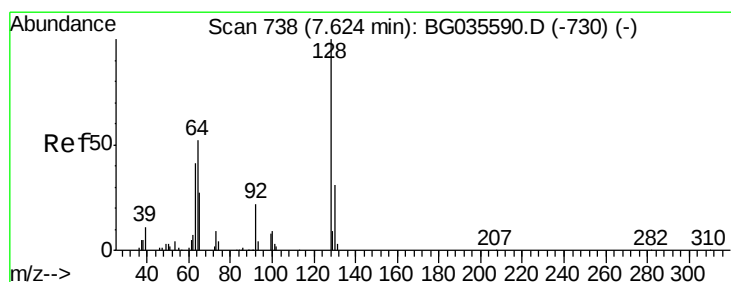
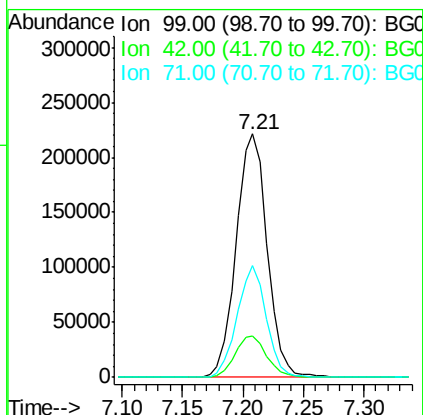
Tgt Ion: 99 Resp: 396411

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 45.7 26.1 39.1#



#8

2-Chlorophenol

Concen: 49.393 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

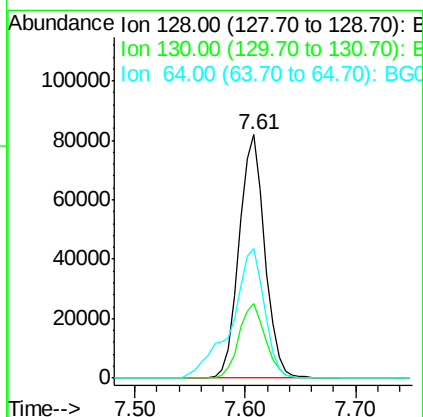
Tgt Ion: 128 Resp: 133751

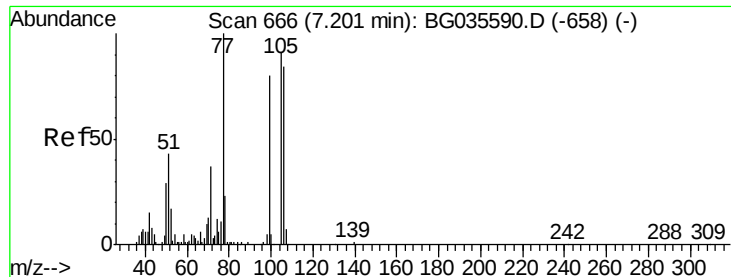
Ion Ratio Lower Upper

128 100

130 30.6 14.0 54.0

64 53.2 37.7 77.7





#9

Benzaldehyde

Concen: 29.439 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampled :

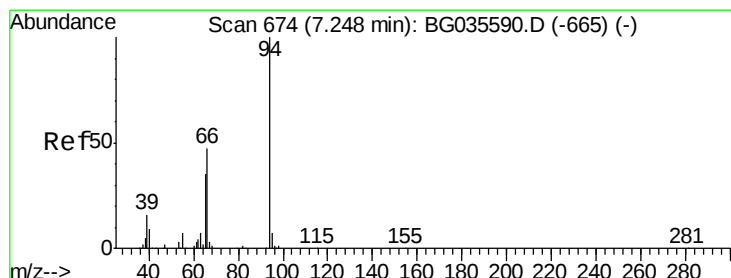
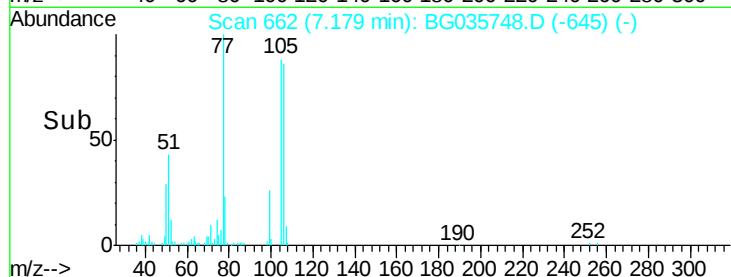
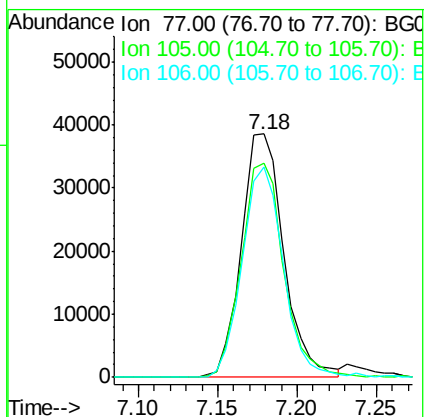
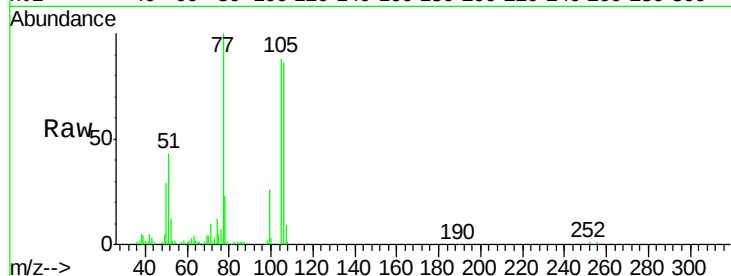
Tgt Ion: 77 Resp: 71756

Ion Ratio Lower Upper

77 100

105 88.2 71.3 111.3

106 86.3 64.2 104.2



#10

Phenol

Concen: 50.280 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

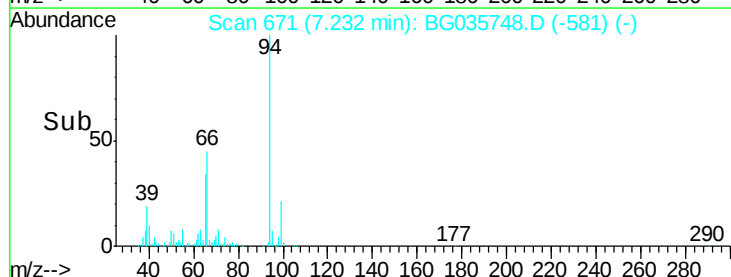
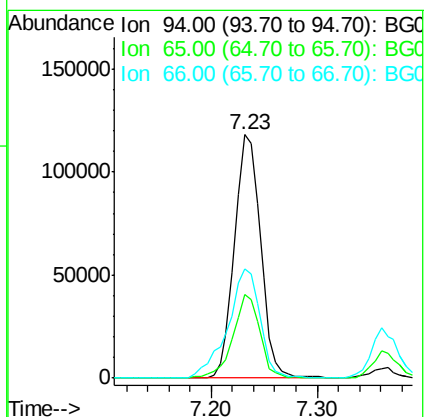
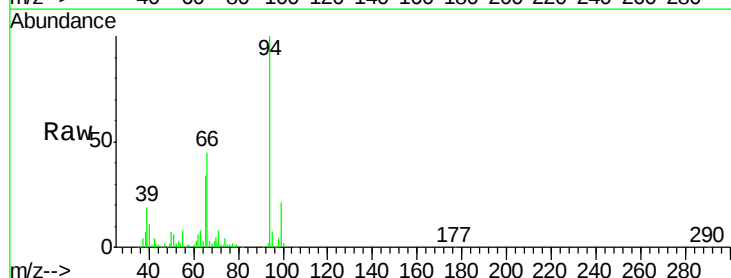
Tgt Ion: 94 Resp: 201793

Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

66 44.9 22.2 62.2

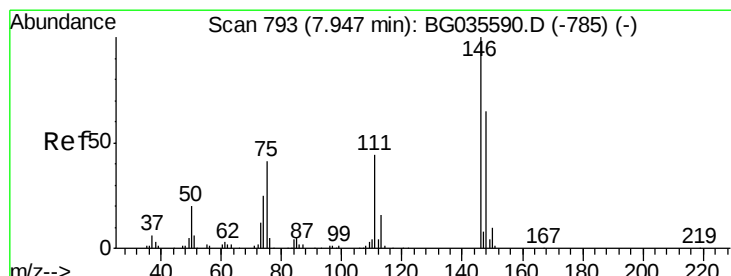
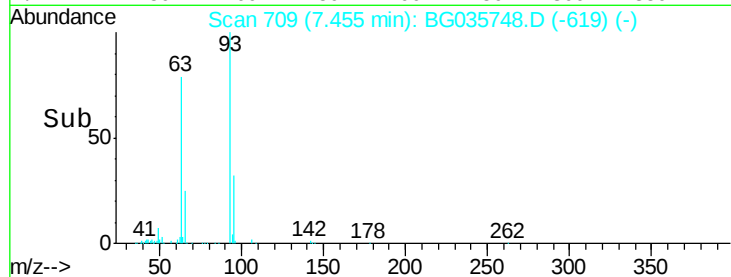
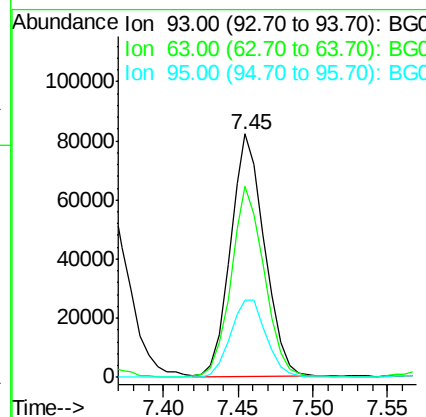
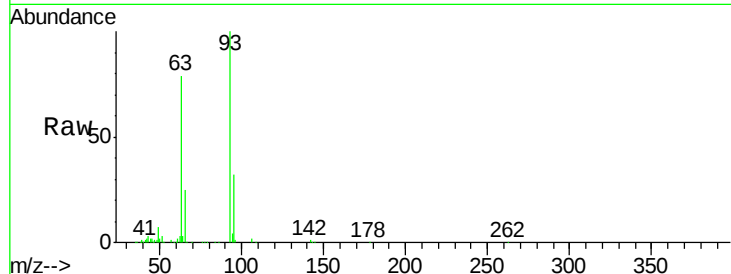




#11
 bis(2-Chloroethyl)ether
 Concen: 41.365 ng
 RT: 7.45 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

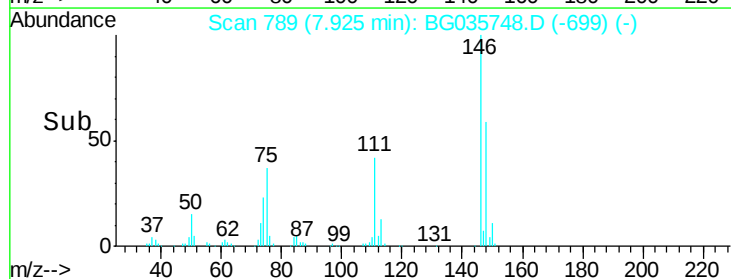
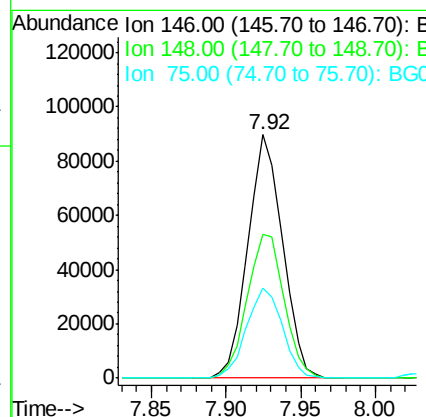
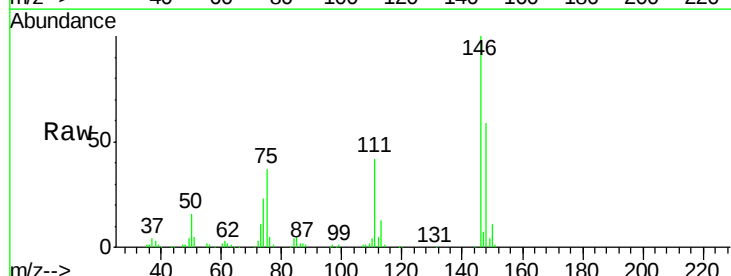
Instrument :
 BNA_F
 ClientSampled :

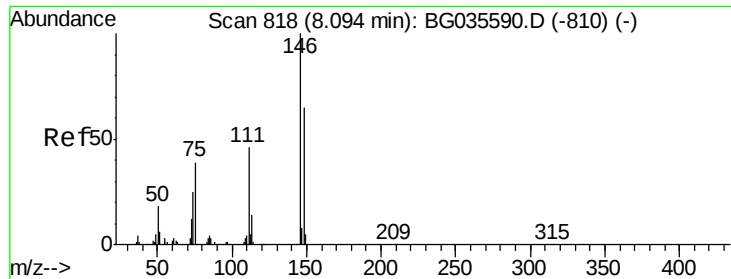
Tgt Ion: 93 Resp: 130010
 Ion Ratio Lower Upper
 93 100
 63 78.6 67.1 107.1
 95 31.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.153 ng
 RT: 7.92 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion: 146 Resp: 144383
 Ion Ratio Lower Upper
 146 100
 148 58.9 51.4 77.2
 75 37.1 26.6 39.8

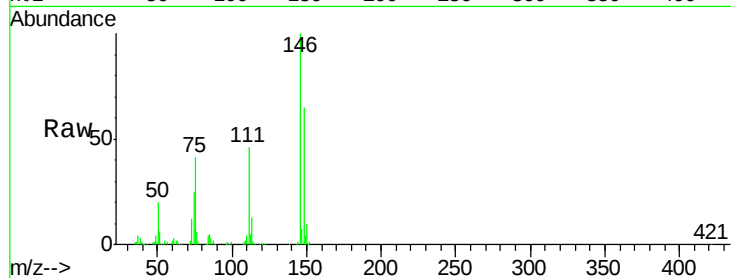




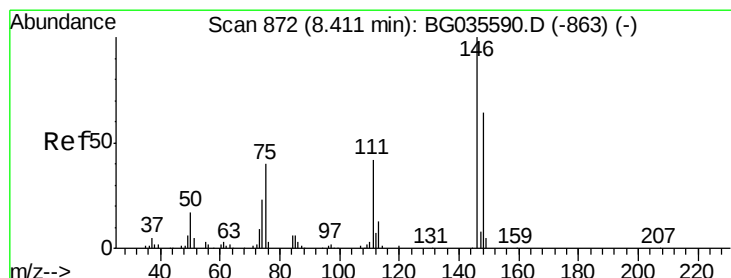
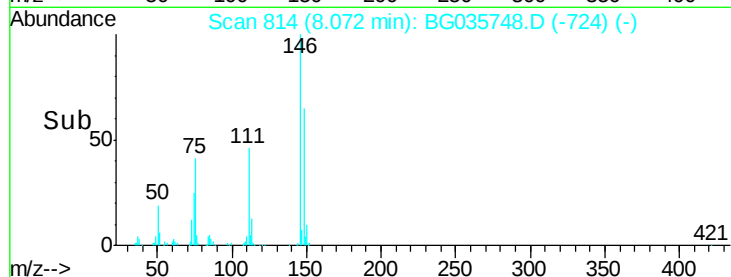
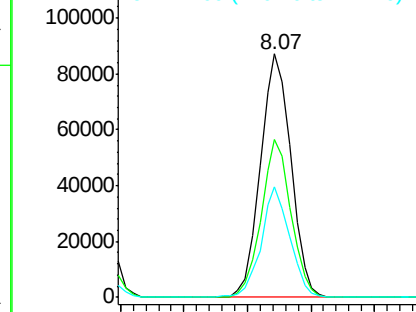
#13
 1,4-Dichlorobenzene
 Concen: 43.956 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:146 Resp: 146045
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.7 80.5
 111 45.6 35.2 52.8

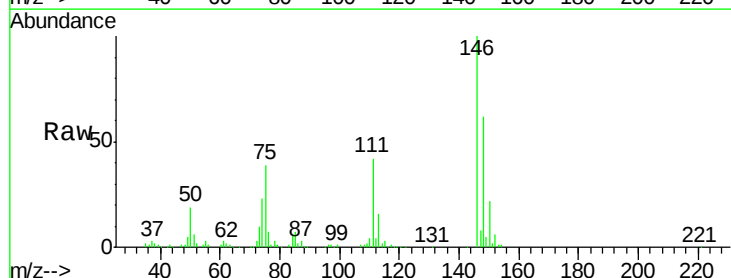


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

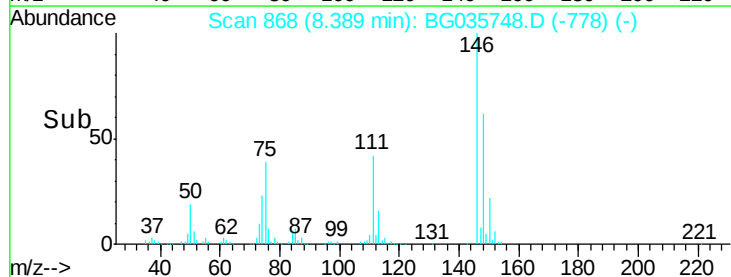
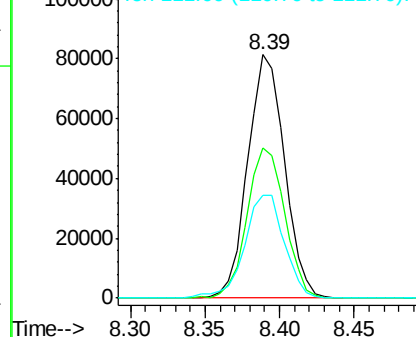


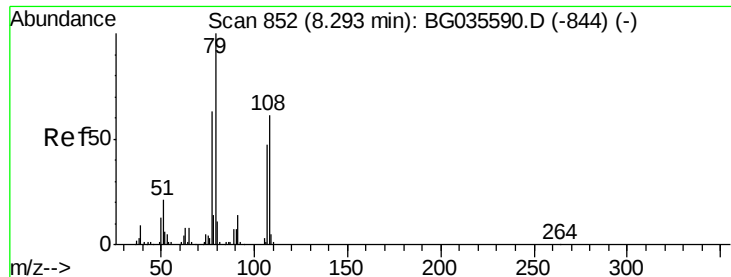
#14
 1,2-Dichlorobenzene
 Concen: 43.348 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:146 Resp: 138362
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.3 73.9
 111 42.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.235 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

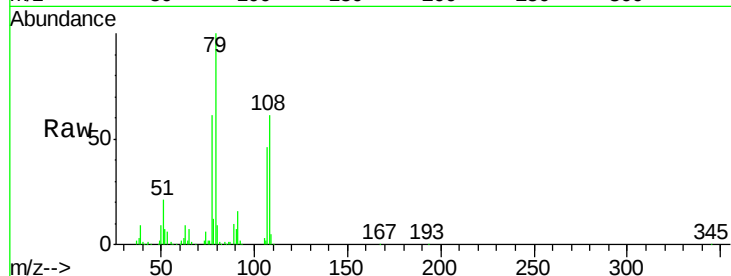
Tgt Ion: 79 Resp: 152356

Ion Ratio Lower Upper

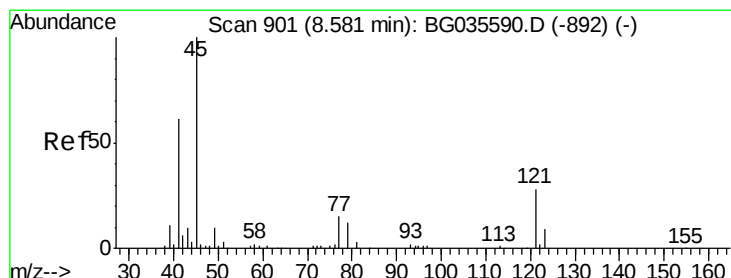
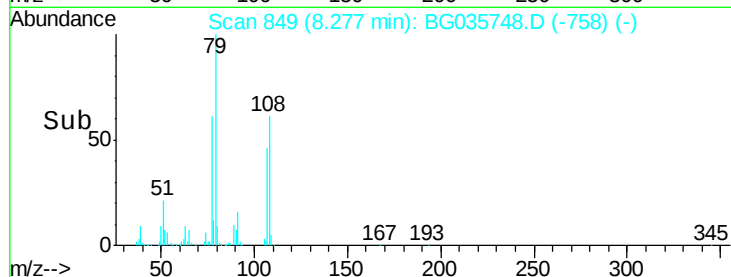
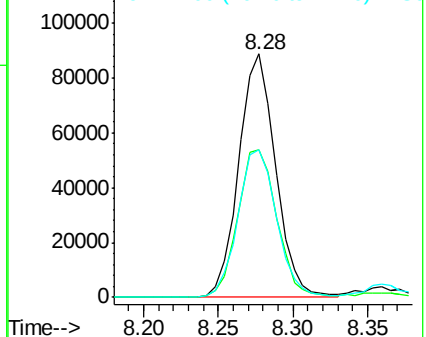
79 100

108 60.6 57.2 85.8

77 60.8 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.095 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

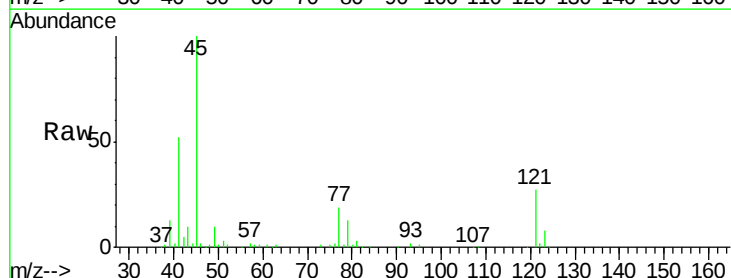
Tgt Ion: 45 Resp: 153083

Ion Ratio Lower Upper

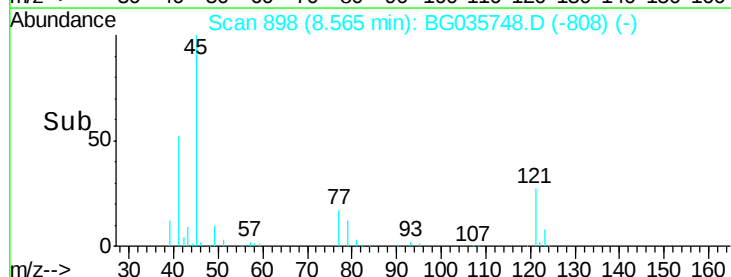
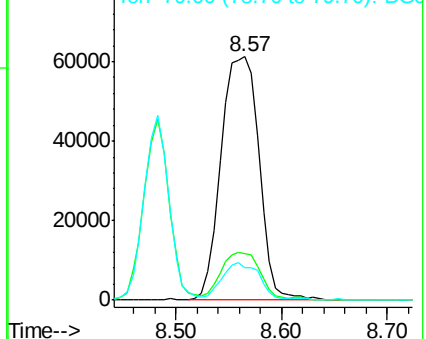
45 100

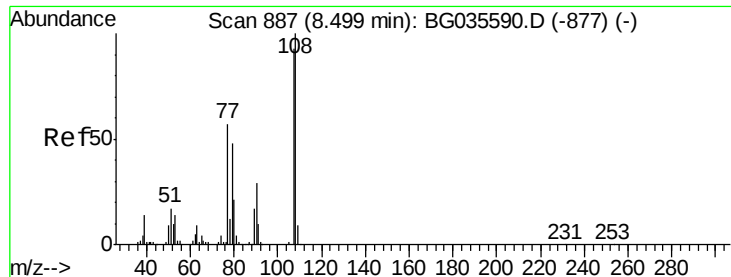
77 19.1 0.0 30.2

79 13.4 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.522 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG035748.D

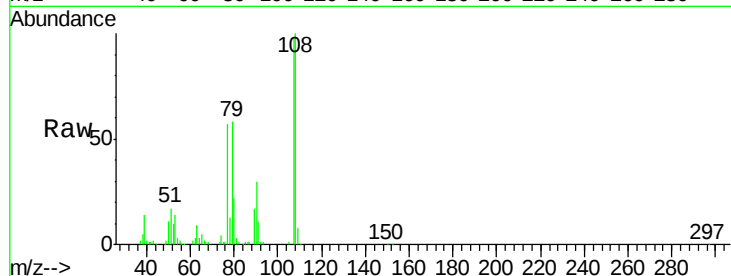
Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	107	Resp:	132400
Ion	Ratio	Lower	Upper
107	100		
108	101.7	83.9	125.9
77	58.3	37.2	55.8#
79	59.3	36.2	54.2#



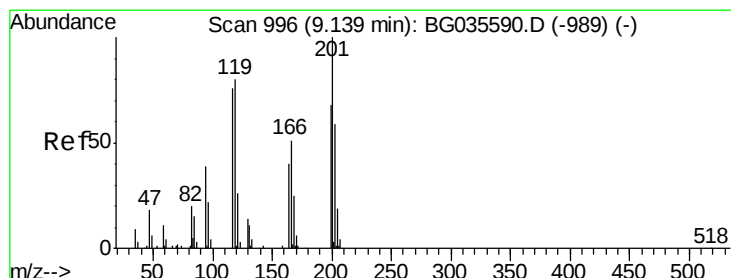
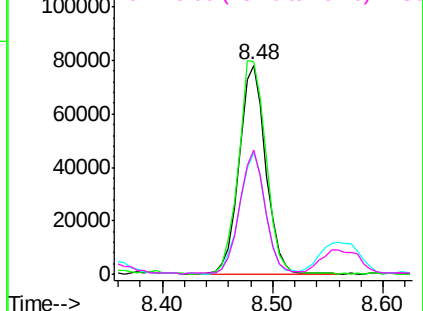
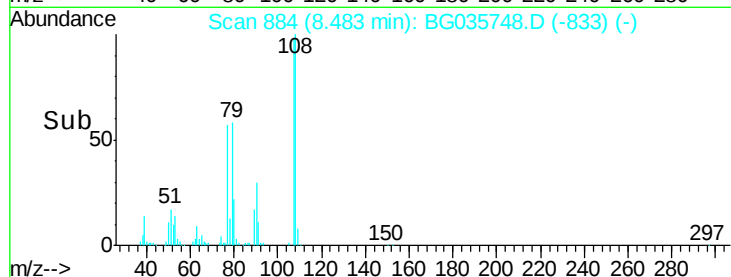
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.741 ng

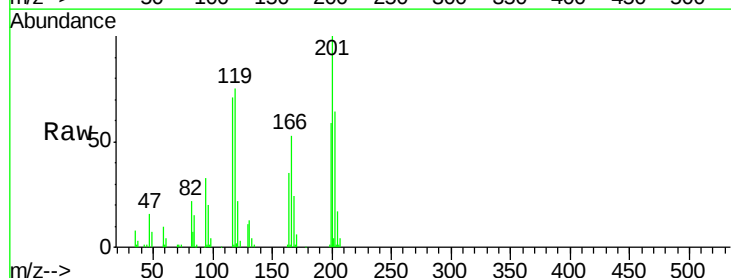
RT: 9.12 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	117	Resp:	53027
Ion	Ratio	Lower	Upper
117	100		
119	105.6	76.7	115.1
201	141.1	95.7	143.5

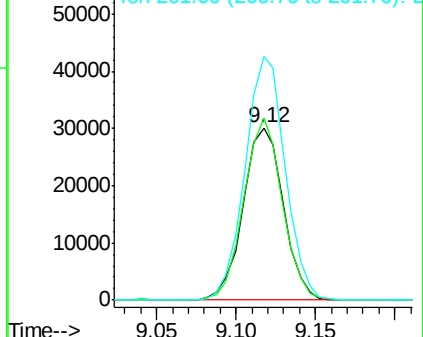
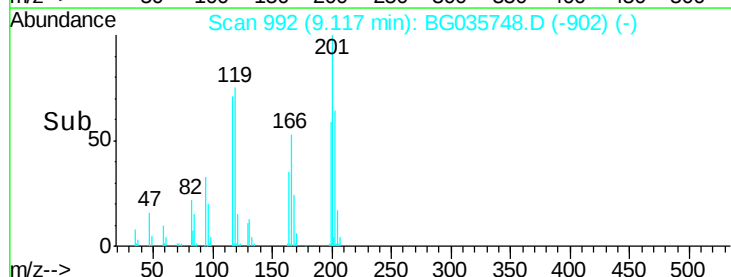


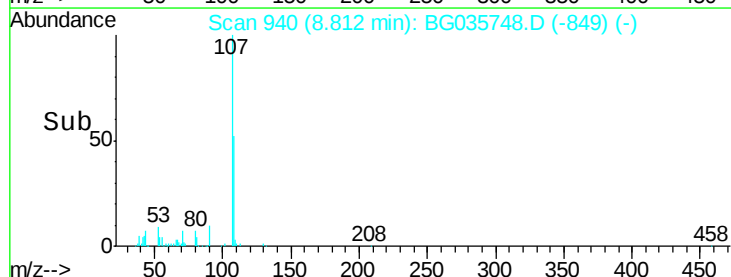
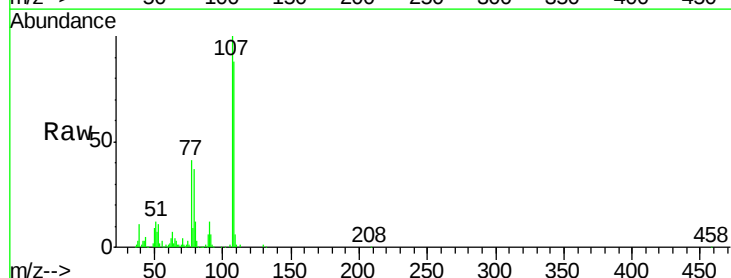
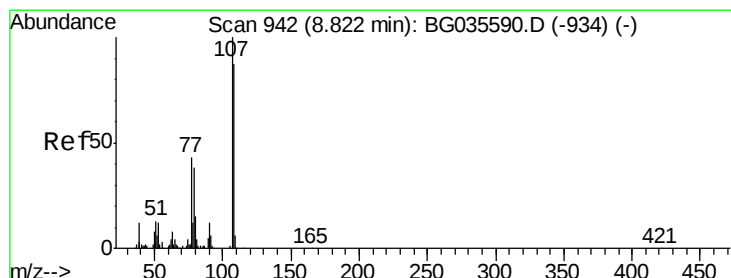
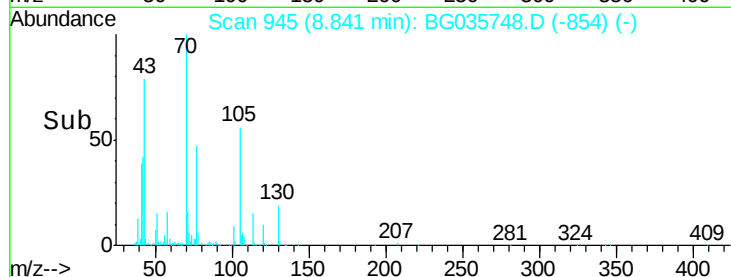
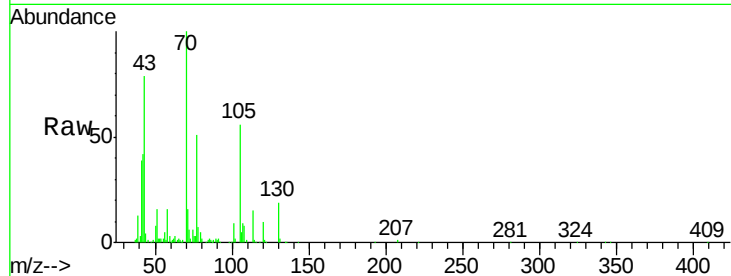
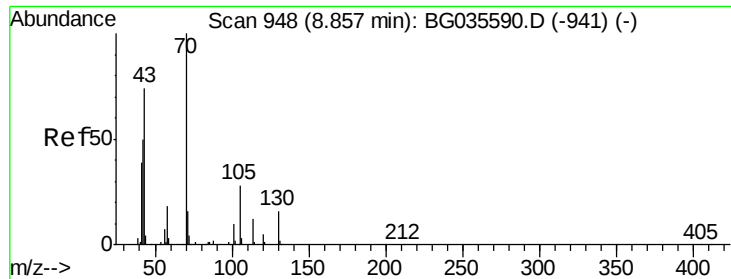
Abundance

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

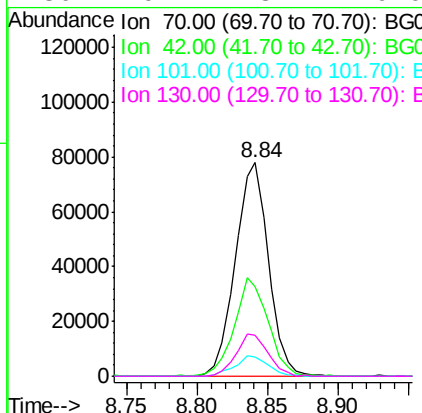




#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

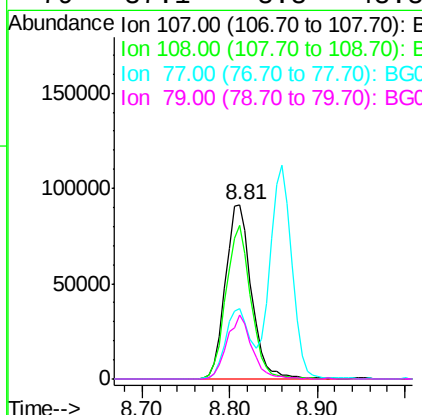
Instrument :
BNA_F
ClientSampleId :

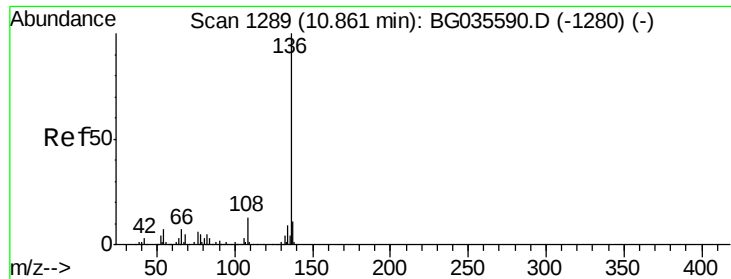
Tgt Ion: 70 Resp: 127534
Ion Ratio Lower Upper
70 100
42 41.9 49.1 73.7#
101 9.0 8.5 12.7
130 19.1 13.4 20.0



#20
3+4-Methylphenols
Concen: 49.294 ng
RT: 8.81 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion: 107 Resp: 186597
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 40.8 13.9 53.9
79 37.1 8.8 48.8

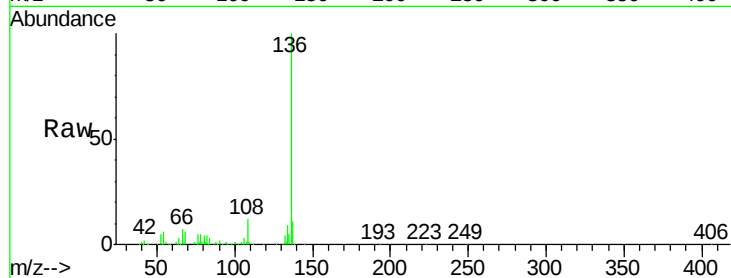




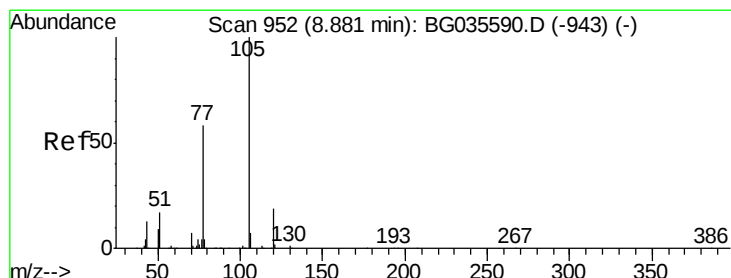
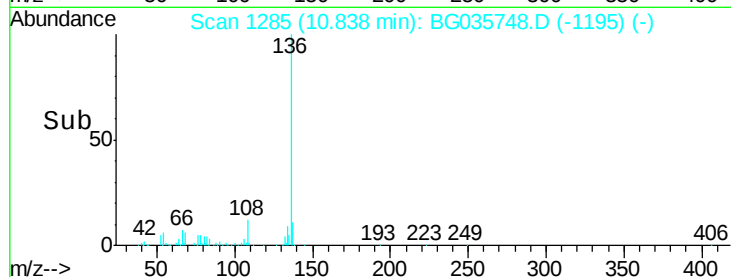
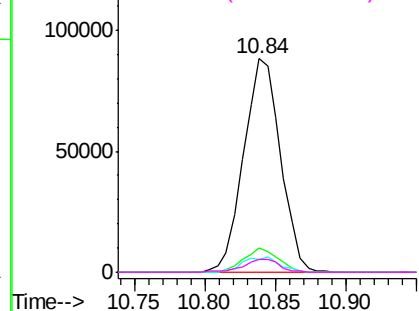
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	160735
Ion Ratio		Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.1	10.3	15.5#
68	6.2	4.5	6.7

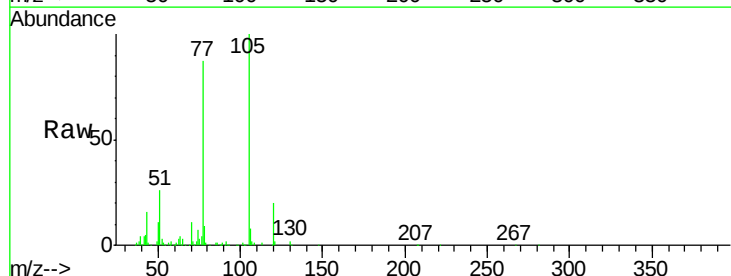


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

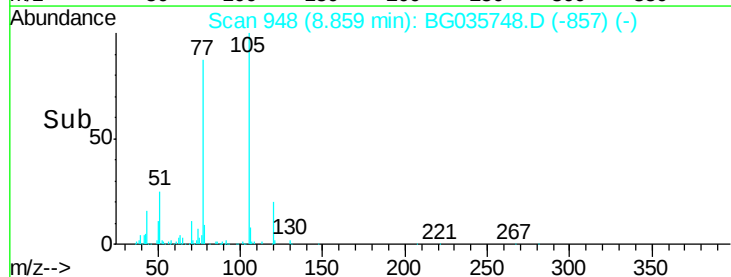
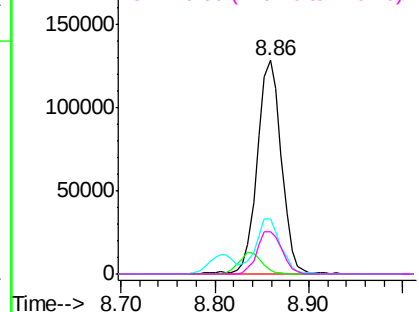


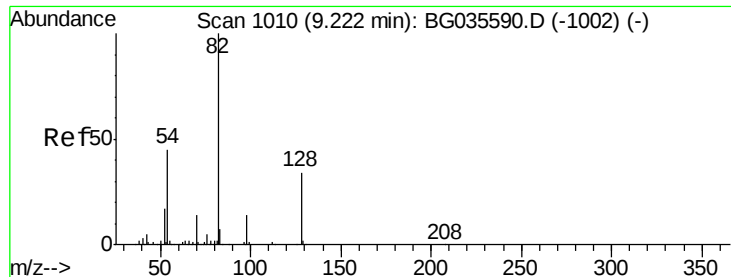
#22
Acetophenone
Concen: 45.765 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:	105	Resp:	228750
Ion Ratio		Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	25.6	26.1	39.1#
120	19.8	17.4	26.2



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

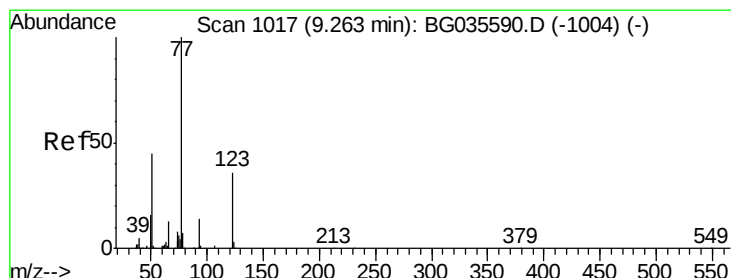
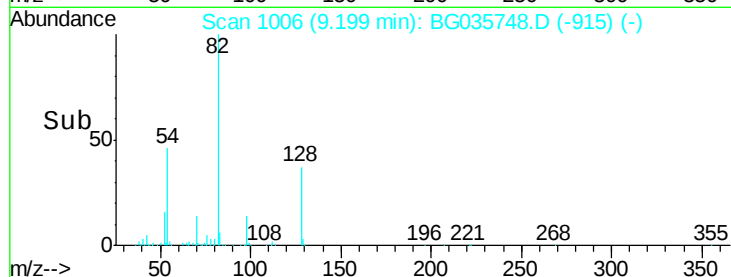
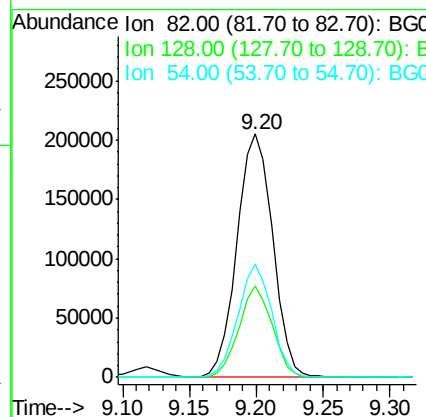
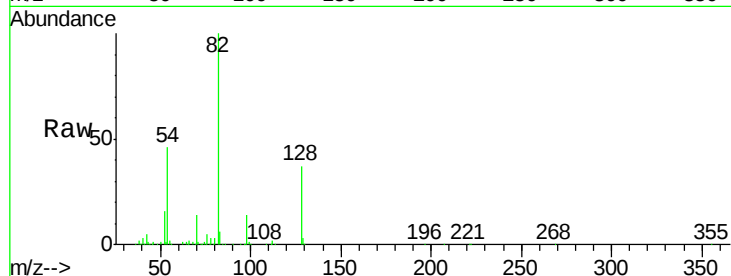




#23
 Nitrobenzene-d5
 Concen: 98.700 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

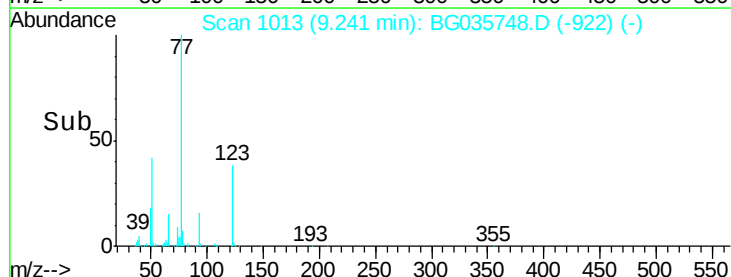
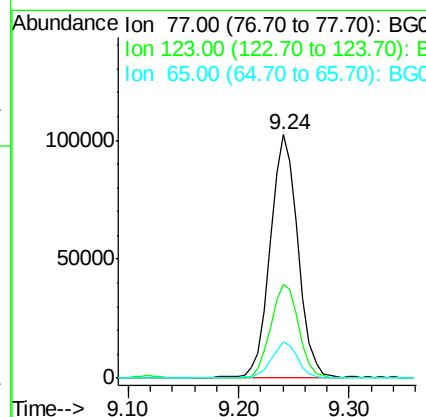
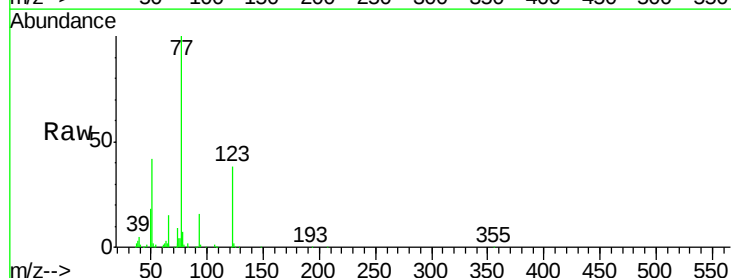
Instrument :
 BNA_F
 ClientSampleId :

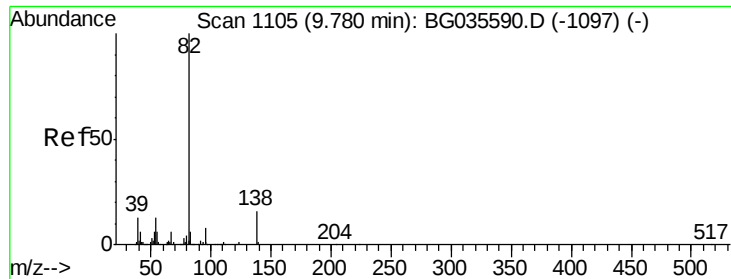
Tgt Ion: 82 Resp: 379766
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.7 44.5
 54 46.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.544 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion: 77 Resp: 180104
 Ion Ratio Lower Upper
 77 100
 123 38.4 33.0 49.6
 65 14.7 13.0 19.6





#25

Isophorone

Concen: 50.852 ng

RT: 9.76 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

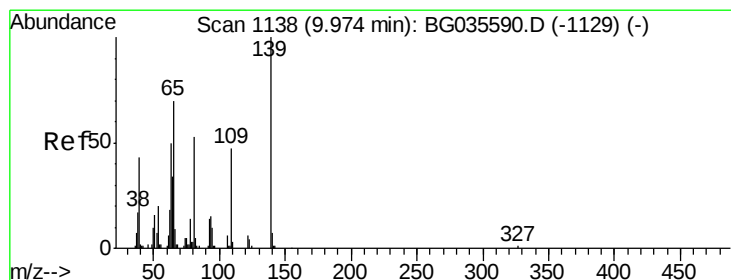
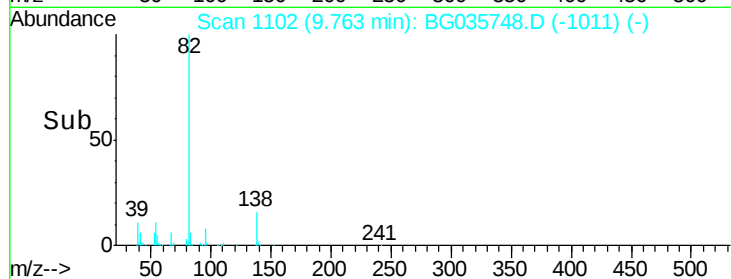
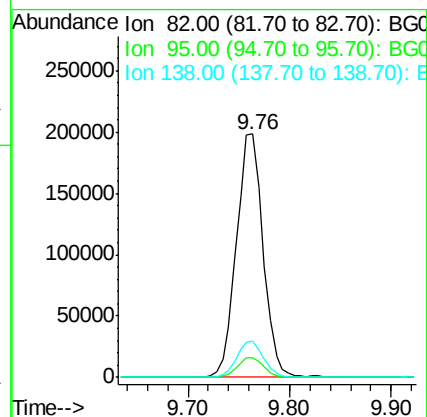
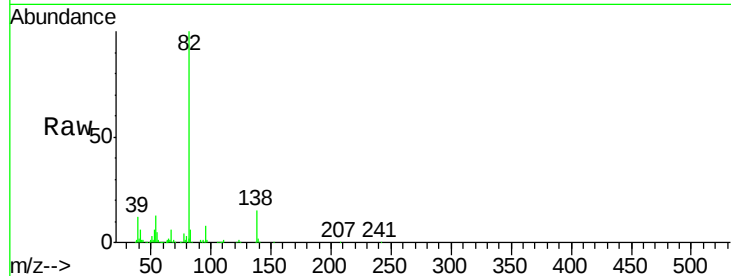
Tgt Ion: 82 Resp: 363213

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 15.0 12.1 18.1



#26

2-Nitrophenol

Concen: 56.428 ng

RT: 9.95 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

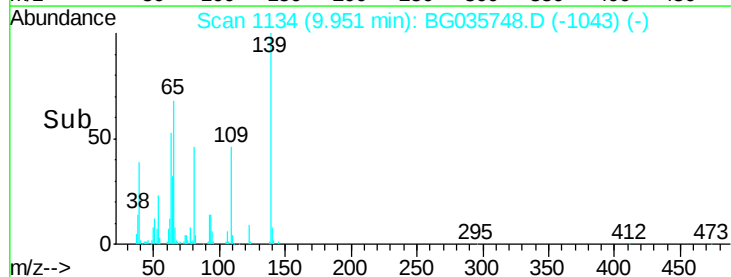
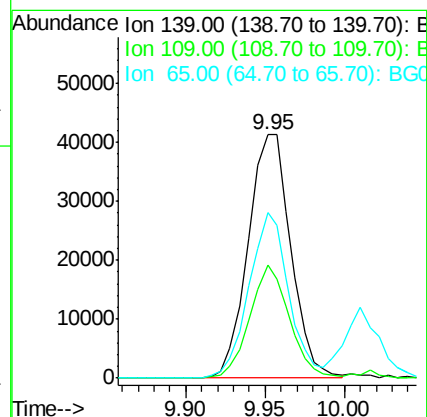
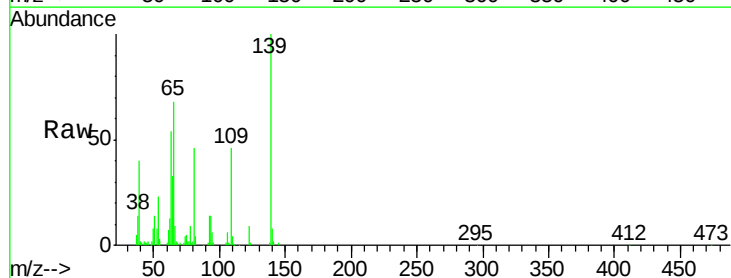
Tgt Ion: 139 Resp: 77548

Ion Ratio Lower Upper

139 100

109 46.3 24.2 36.2#

65 67.8 47.4 71.0

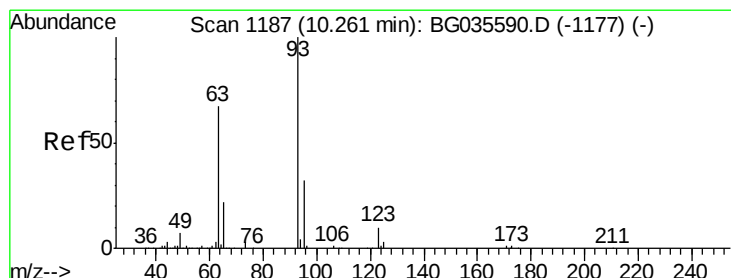
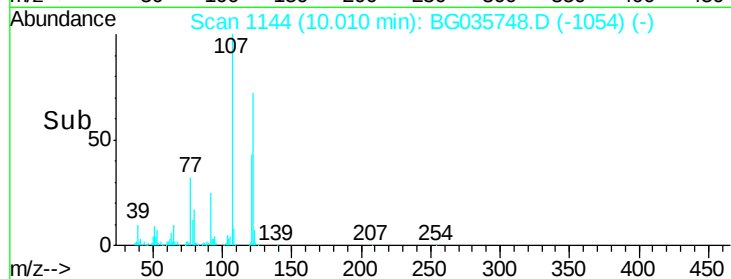
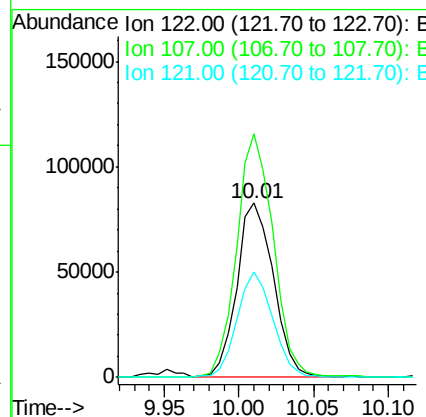
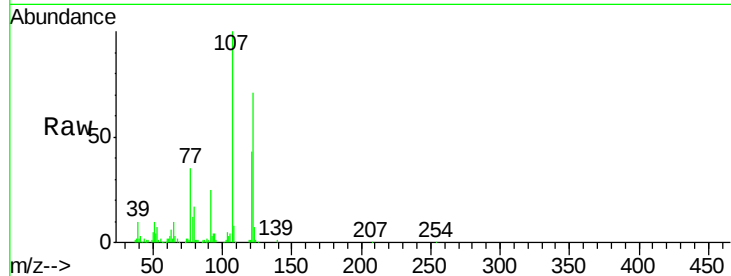




#27
2,4-Dimethylphenol
Concen: 60.292 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

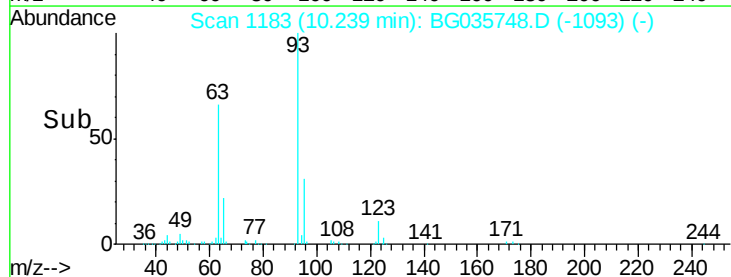
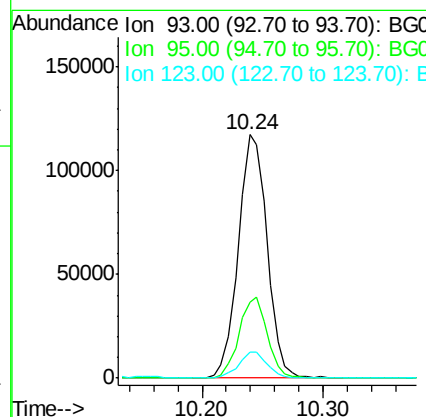
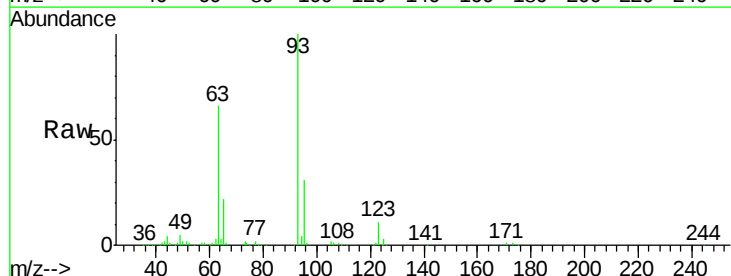
Instrument :
BNA_F
ClientSampleId :

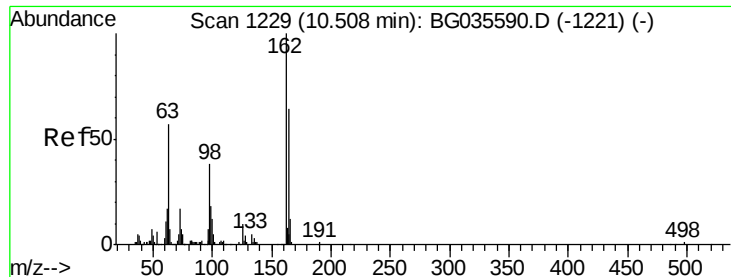
Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.0	100.2	150.2
121	60.6	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.590 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	10.5	8.4	12.6

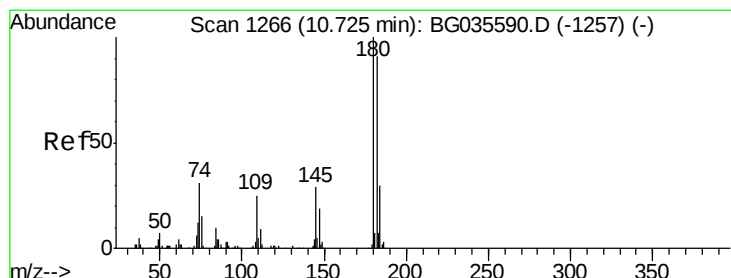
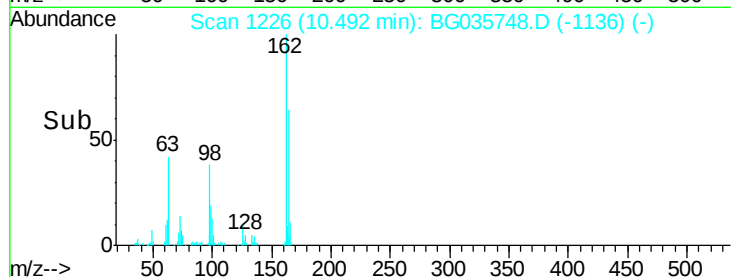
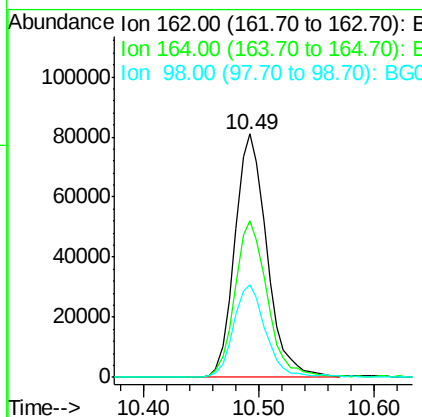
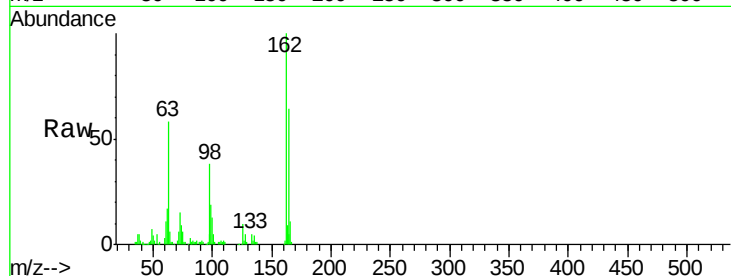




#29
 2,4-Dichlorophenol
 Concen: 58.847 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

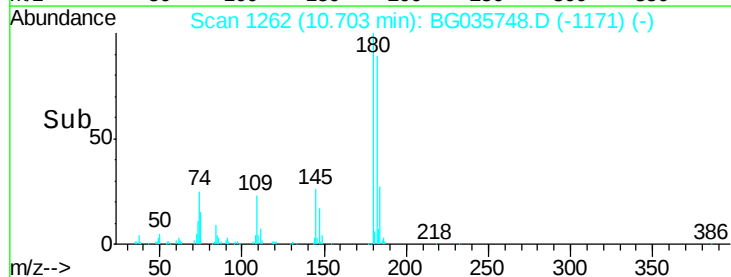
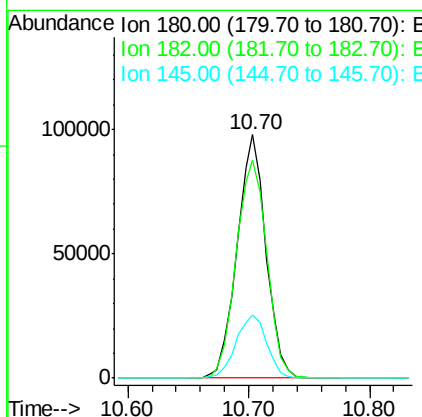
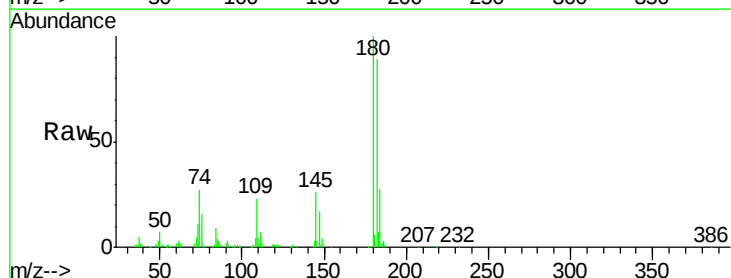
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	37.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.828 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	77.5	116.3
145	26.0	23.4	35.2

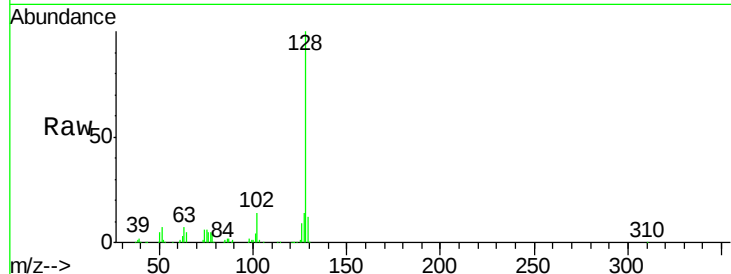




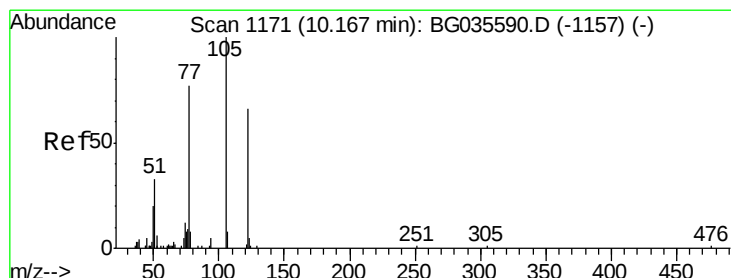
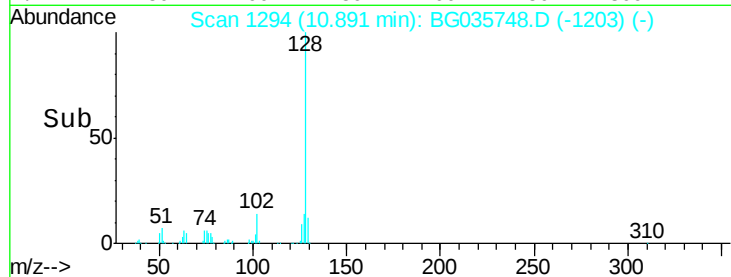
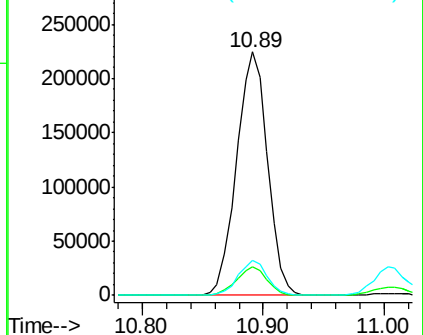
#31
Naphthalene
Concen: 47.837 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.2	11.6	17.4

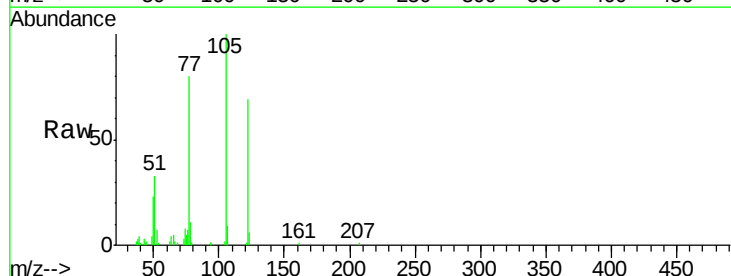


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

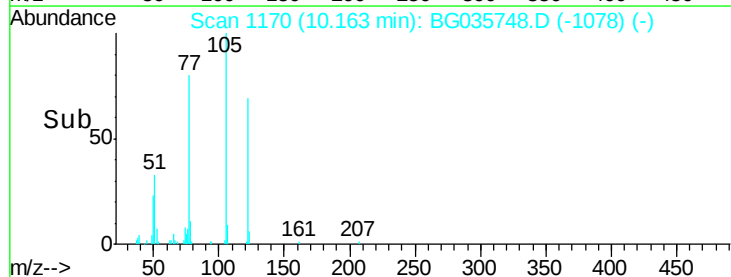
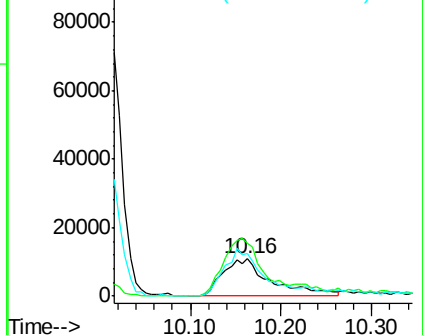


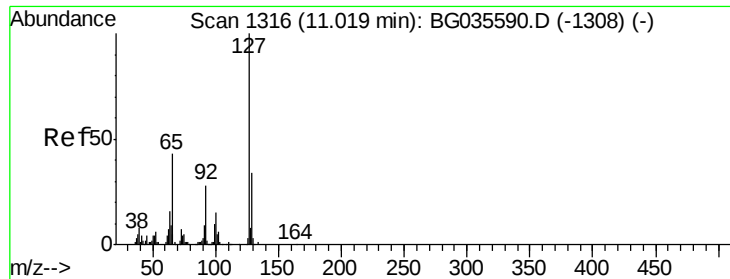
#32
Benzoic acid
Concen: 24.756 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.0	123.5	163.5
77	115.7	85.7	125.7



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): BG

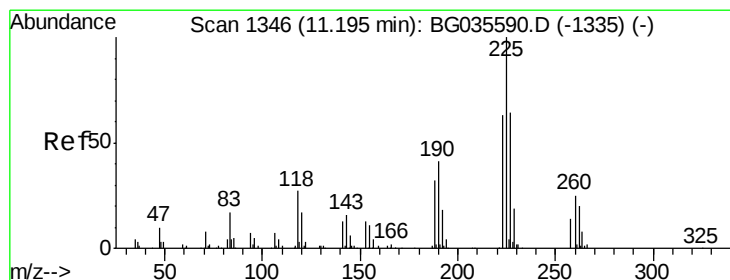
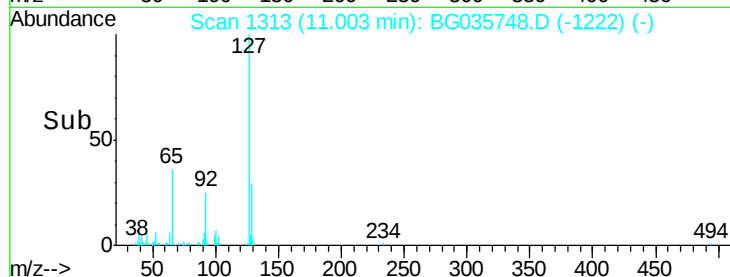
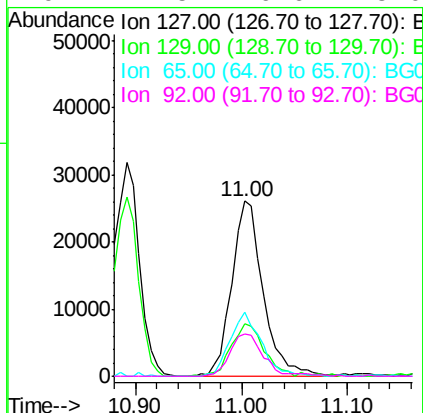
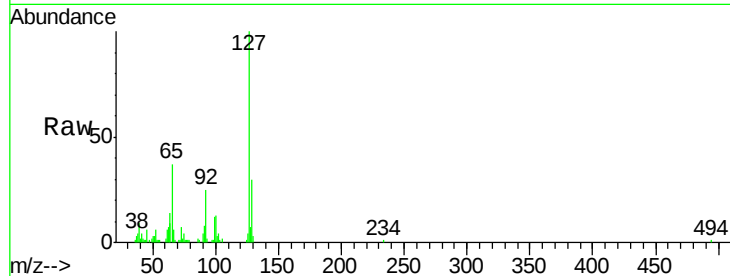




#33
4-Chloroaniline
Concen: 14.588 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

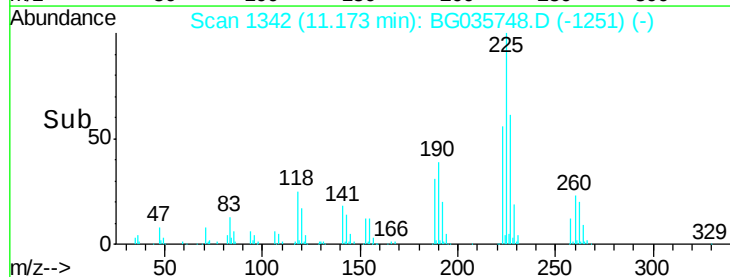
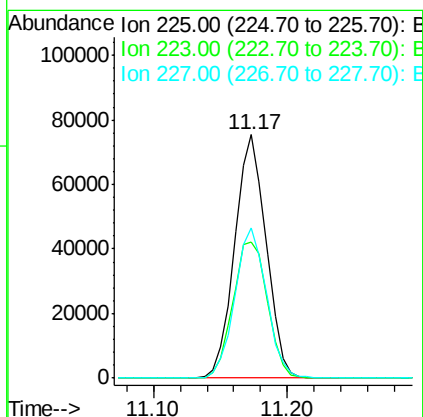
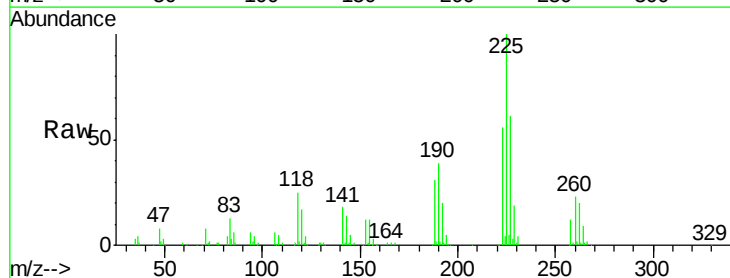
Instrument :
BNA_F
ClientSampleId :

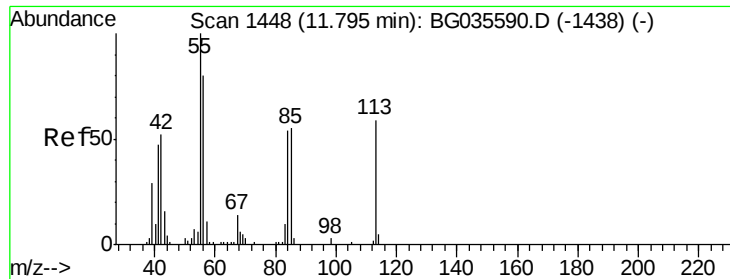
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.0	36.0
65	36.6	27.0	40.4
92	24.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 48.468 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.8	49.7	74.5
227	61.5	48.1	72.1





#35

Caprolactam

Concen: 28.150 ng

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

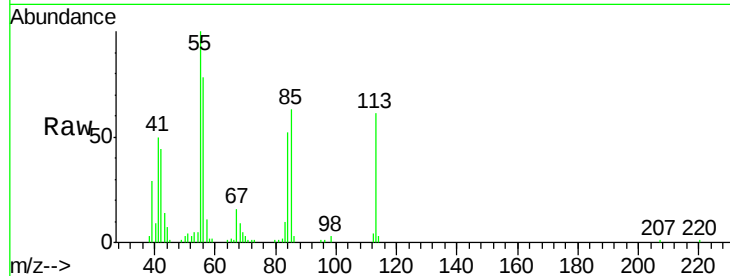
Tgt Ion:113 Resp: 32079

Ion Ratio Lower Upper

113 100

55 164.7 186.9 226.9#

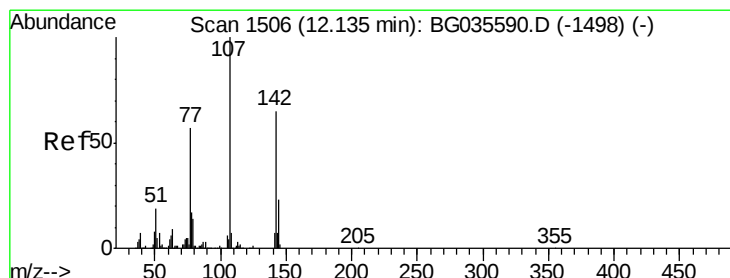
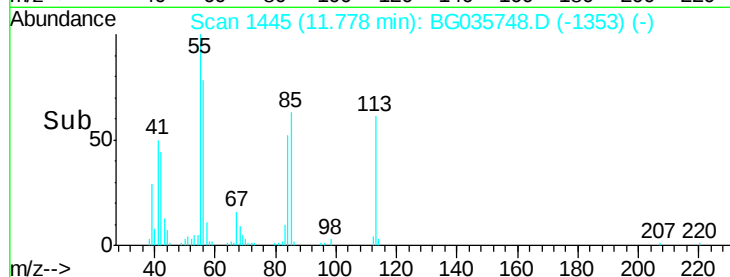
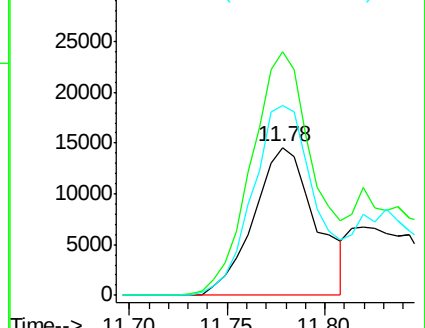
56 128.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 55.121 ng

RT: 12.12 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

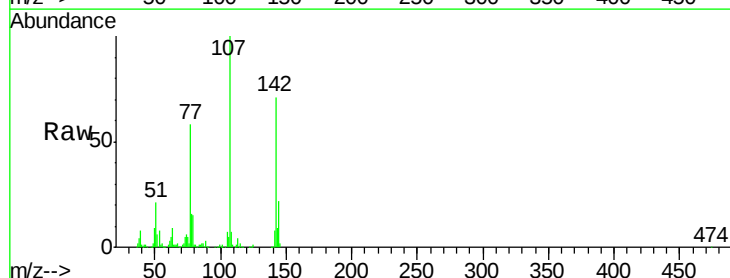
Tgt Ion:107 Resp: 196199

Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.4

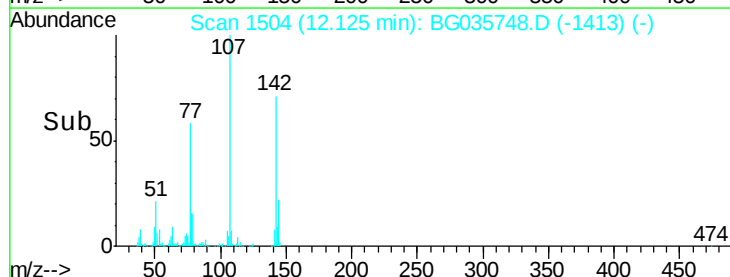
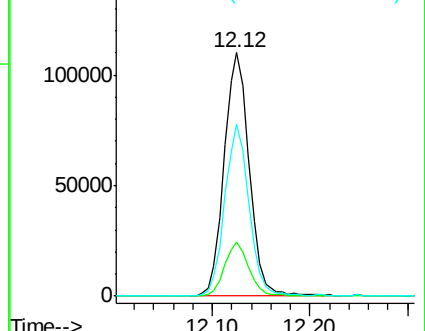
142 70.7 59.0 88.4

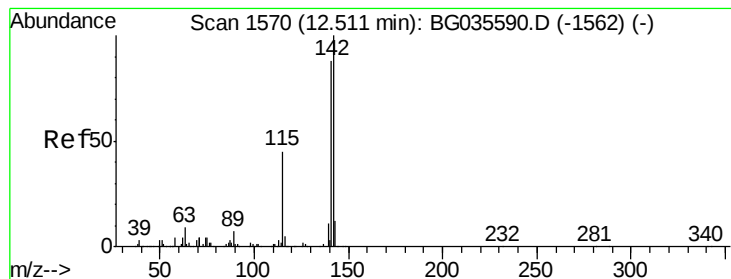


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.036 ng

RT: 12.49 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

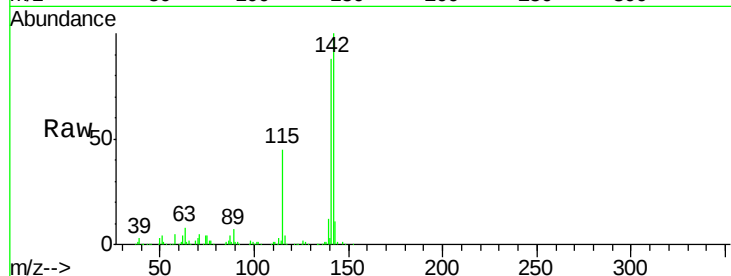
Tgt Ion:142 Resp: 324594

Ion Ratio Lower Upper

142 100

141 87.6 67.1 100.7

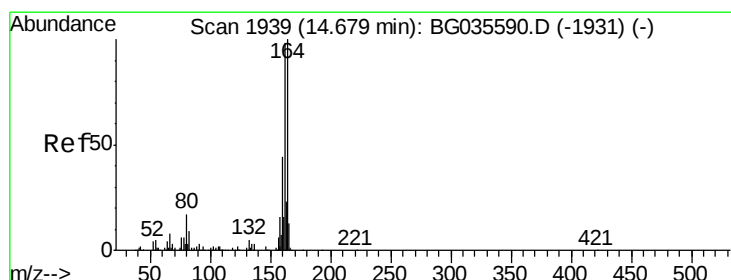
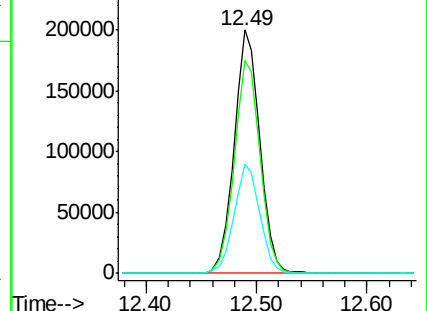
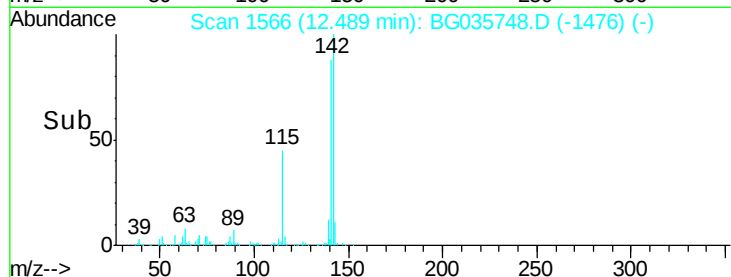
115 45.0 30.7 46.1



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: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

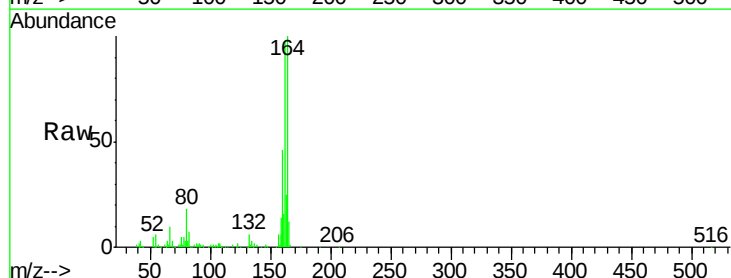
Tgt Ion:164 Resp: 116276

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

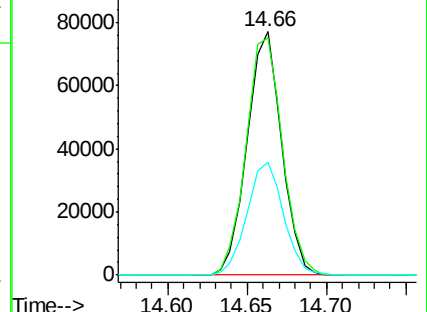
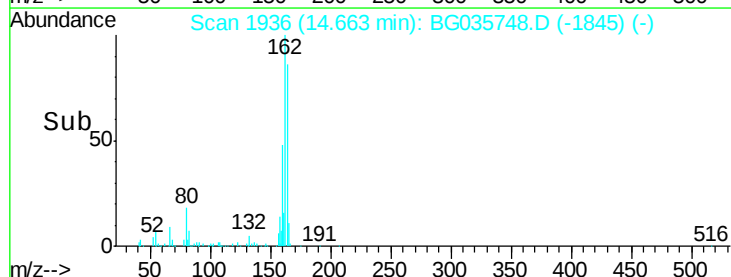
160 46.3 35.4 53.0

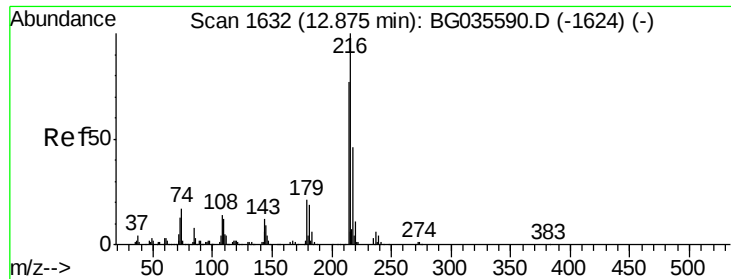


Abundance Ion 164.00 (163.70 to 164.70): E

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: 49.002 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 215054

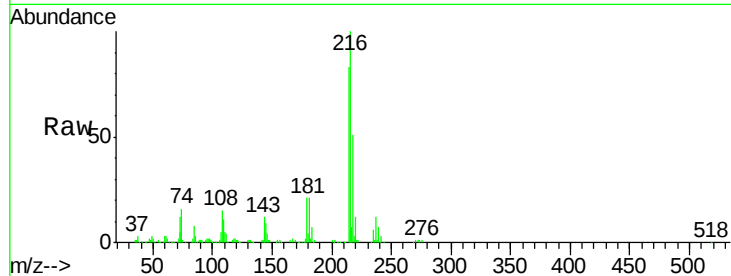
Ion Ratio Lower Upper

216 100

214 81.7 63.0 94.4

179 20.4 17.0 25.6

108 17.8 12.8 19.2

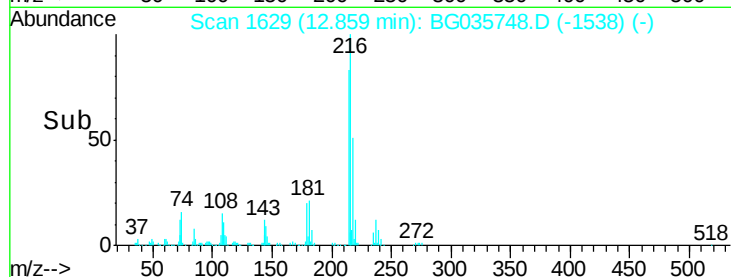


Abundance Ion 216.00 (215.70 to 216.70): E

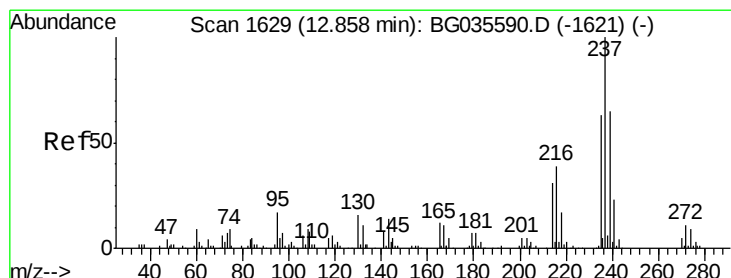
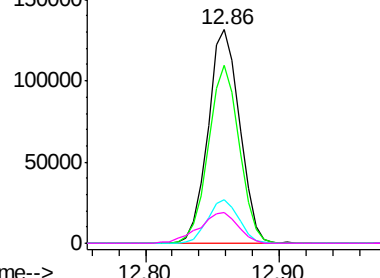
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 123.231 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

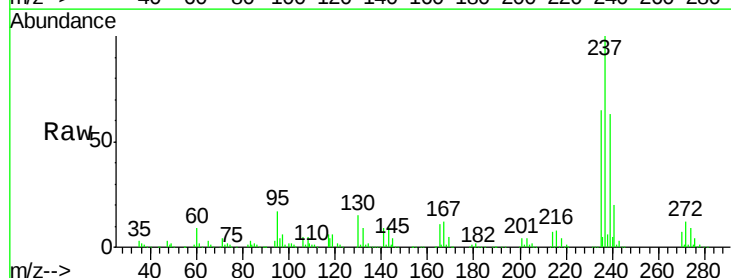
Tgt Ion:237 Resp: 283628

Ion Ratio Lower Upper

237 100

235 64.5 50.4 90.4

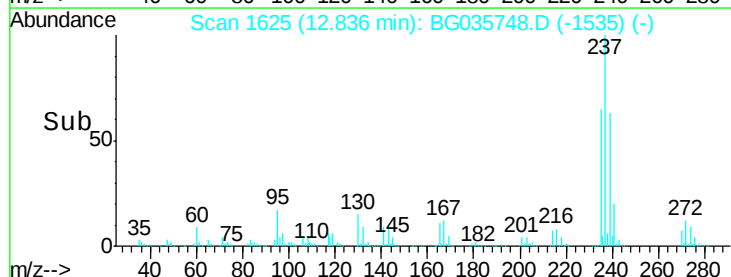
272 11.7 0.0 31.8



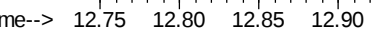
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

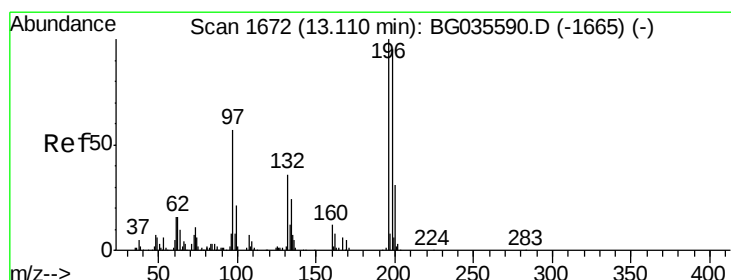
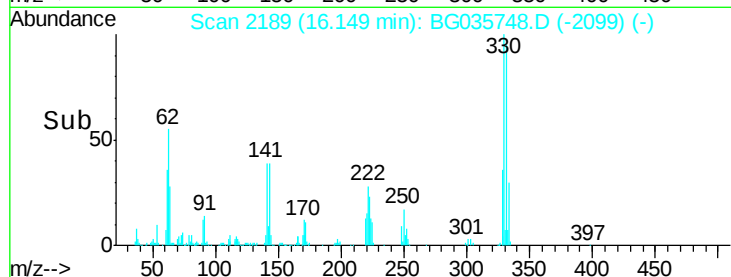
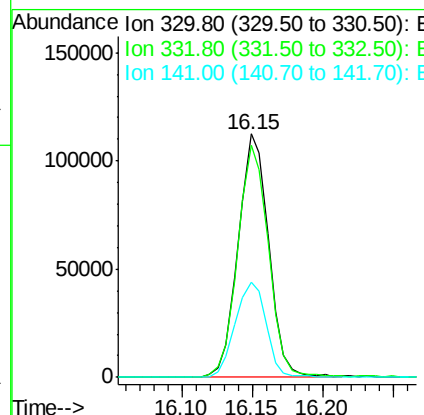
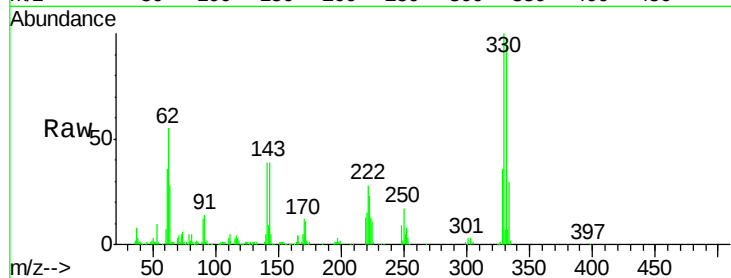




#41
 2,4,6-Tribromophenol
 Concen: 110.598 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

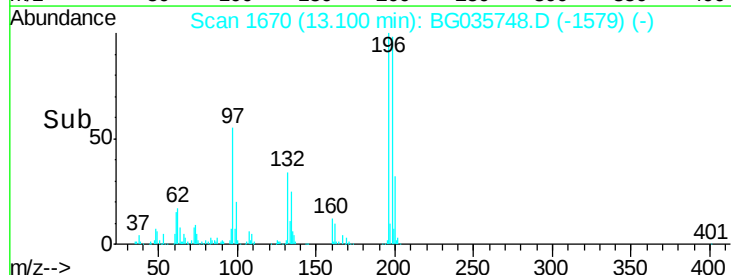
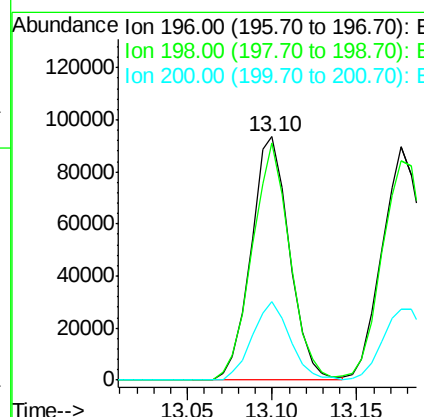
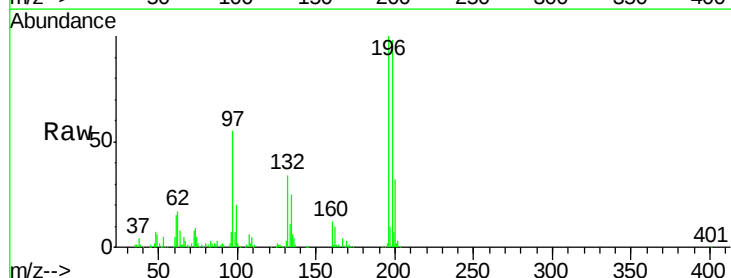
Instrument :
 BNA_F
 ClientSampleId :

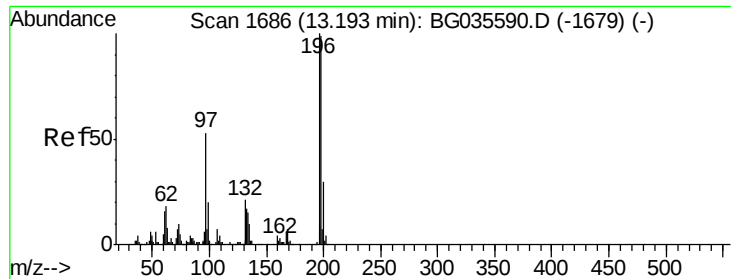
Tgt Ion:330 Resp: 169501
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 57.530 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:196 Resp: 147651
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.2 117.2
 200 32.0 24.6 36.8

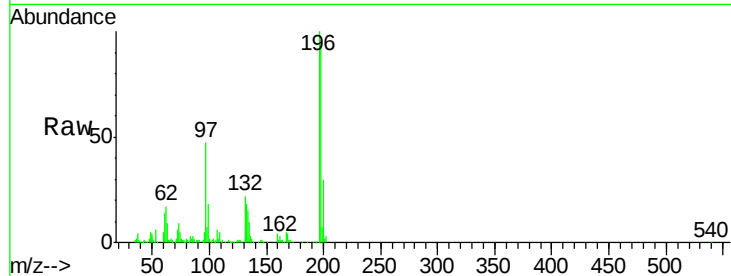




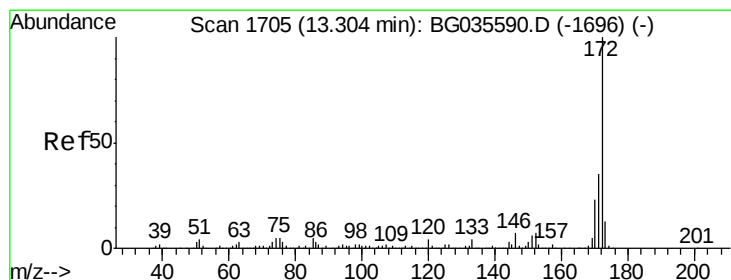
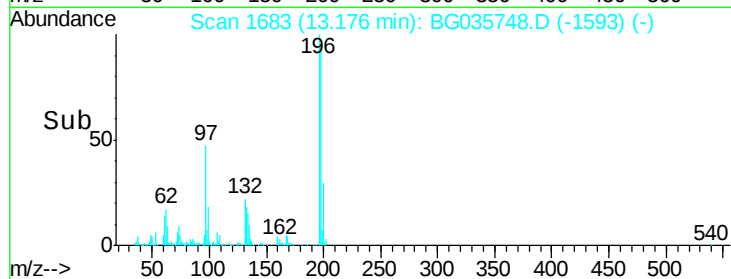
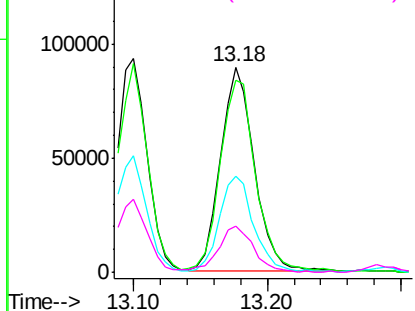
#43
 2,4,5-Trichlorophenol
 Concen: 55.111 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 158232
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.4
 97 47.1 38.7 58.1
 132 22.4 20.2 30.2

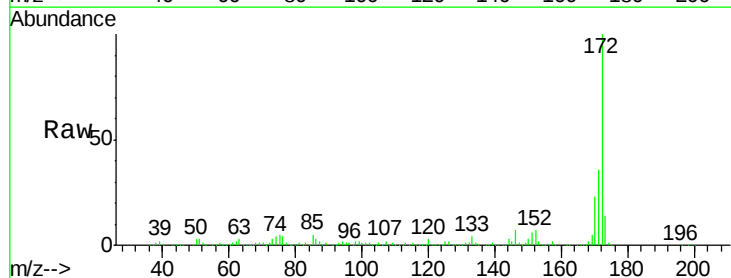


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

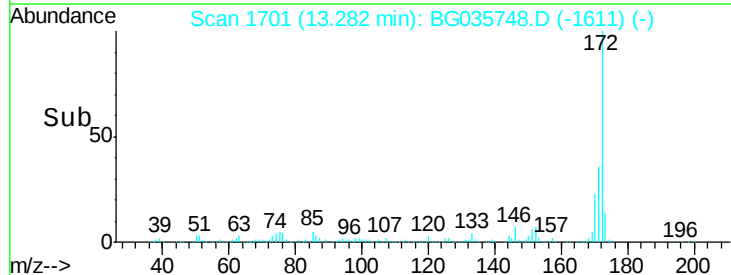
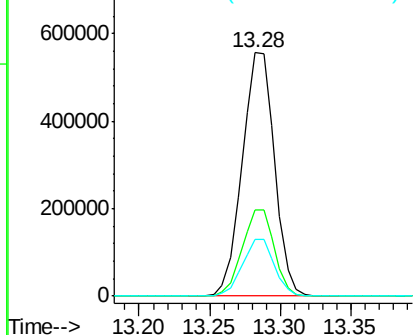


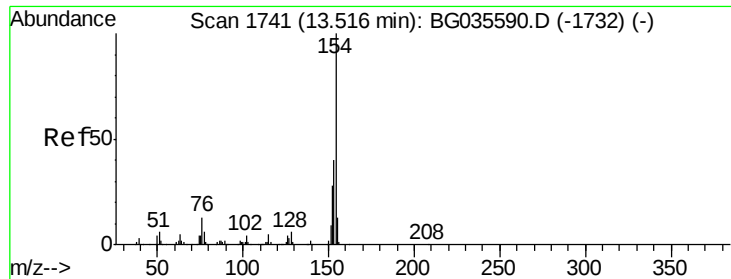
#44
 2-Fluorobiphenyl
 Concen: 102.750 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:172 Resp: 891769
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.3 19.5 29.3



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

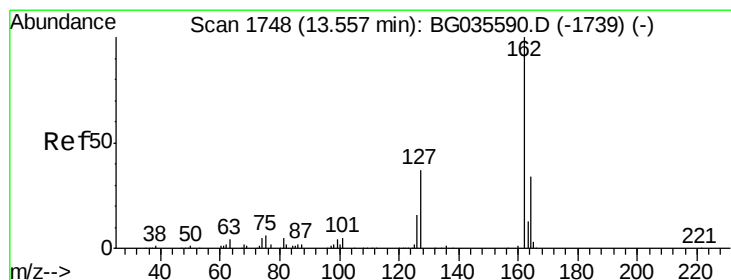
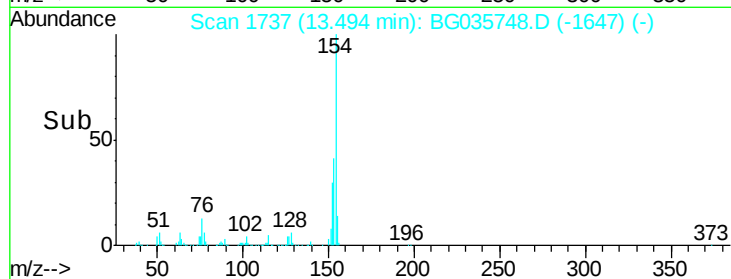
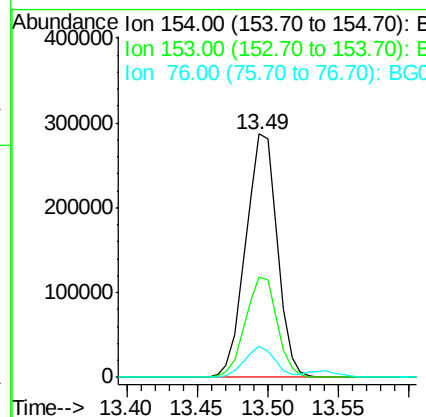
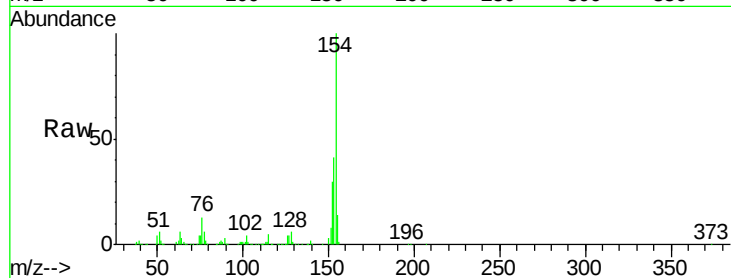




#45
 1,1'-Biphenyl
 Concen: 49.933 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

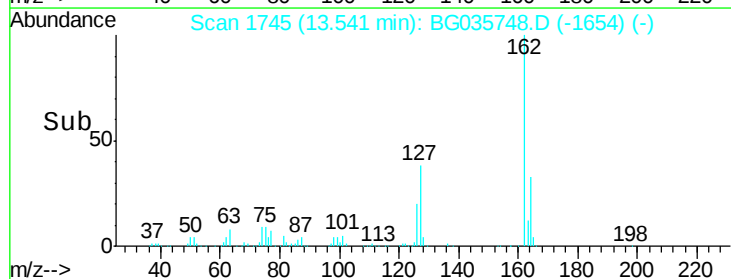
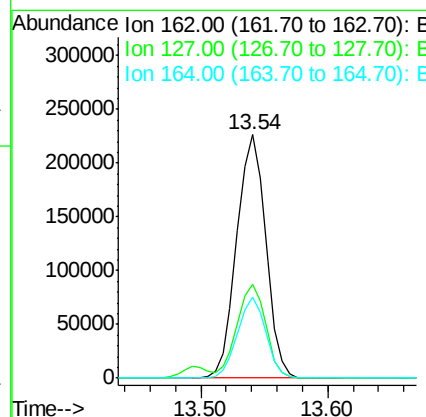
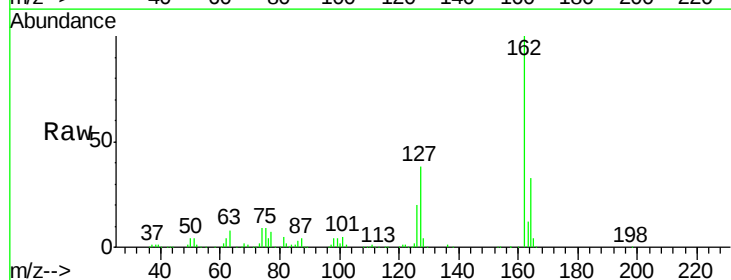
Instrument :
 BNA_F
 ClientSampleId :

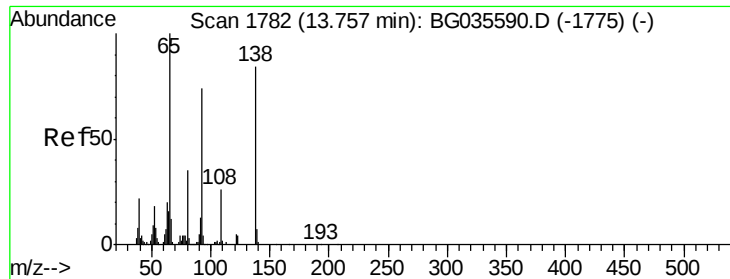
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	12.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 51.183 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	33.2	26.0	39.0

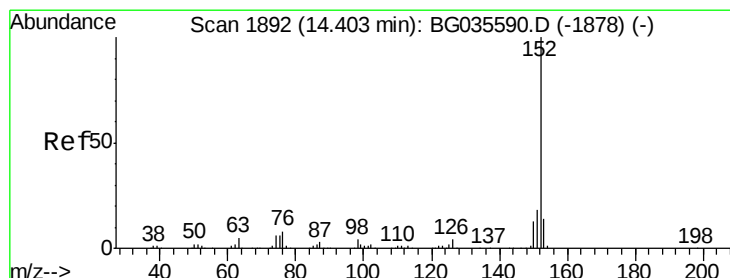
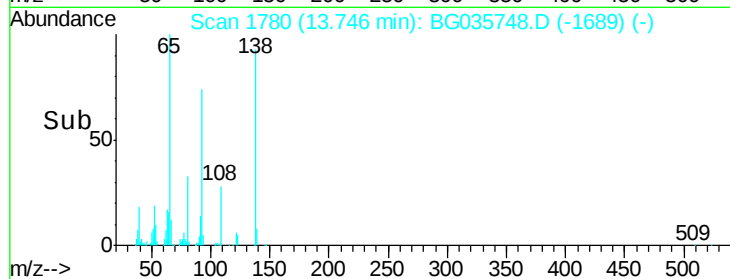
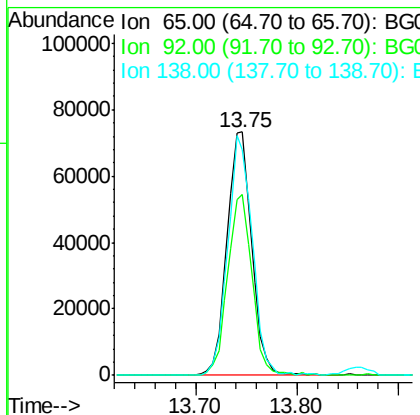
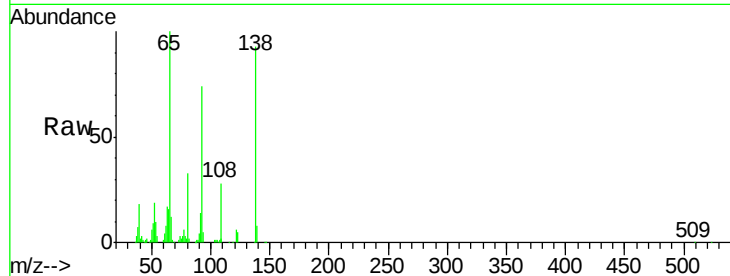




#47
2-Nitroaniline
Concen: 50.007 ng
RT: 13.75 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

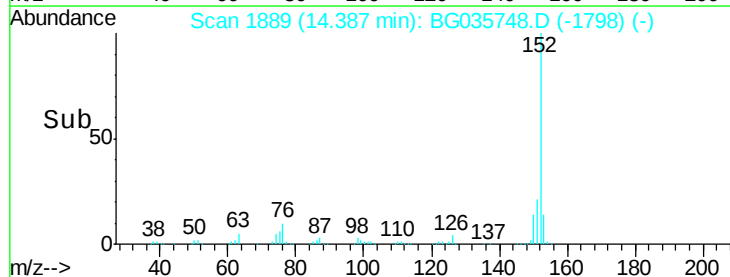
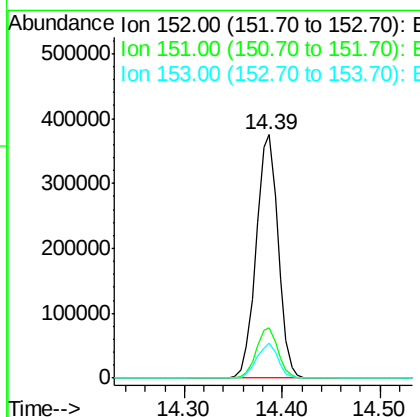
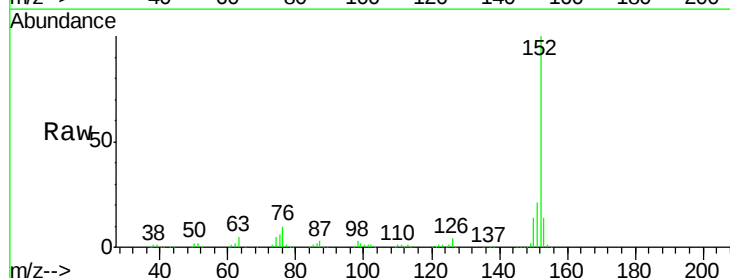
Instrument :
BNA_F
ClientSampleId :

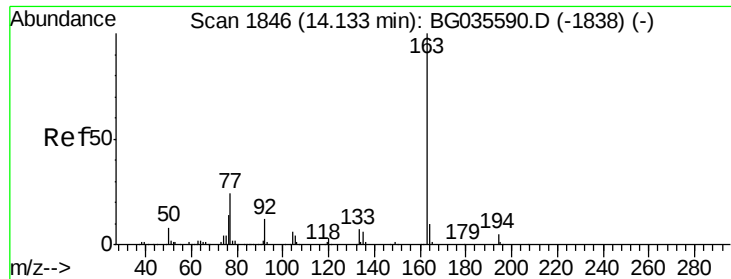
Tgt Ion: 65 Resp: 123968
Ion Ratio Lower Upper
65 100
92 74.2 54.6 82.0
138 92.7 72.9 109.3



#48
Acenaphthylene
Concen: 50.316 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion: 152 Resp: 591013
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 14.3 10.2 15.4

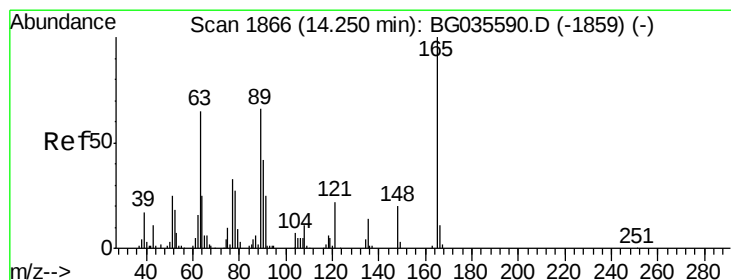
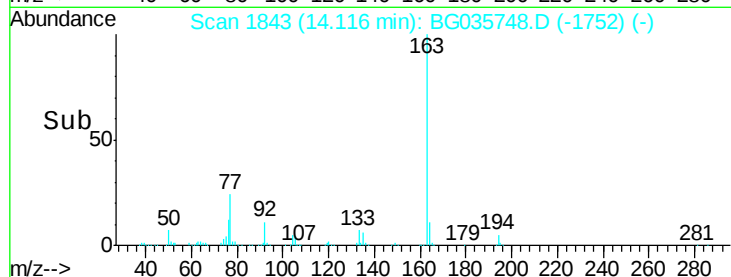
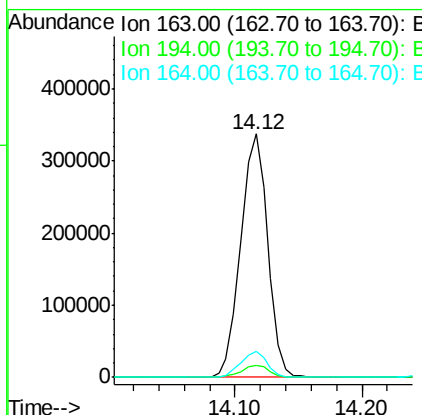
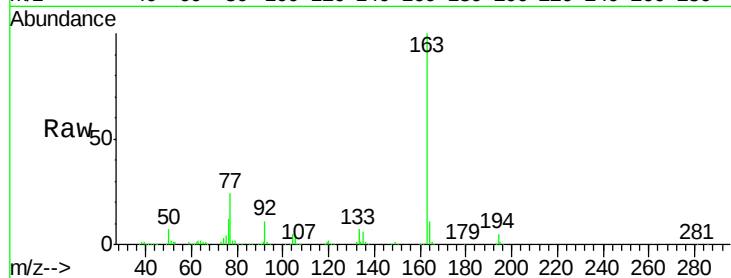




#49
Dimethylphthalate
Concen: 48.817 ng
RT: 14.12 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

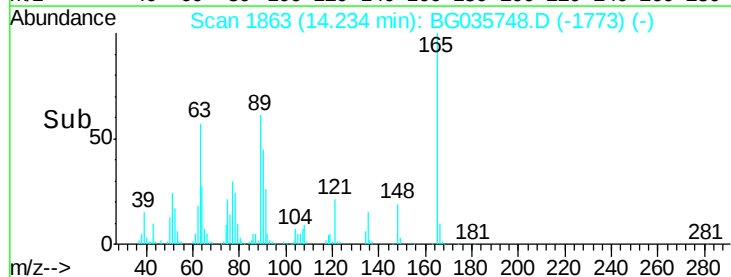
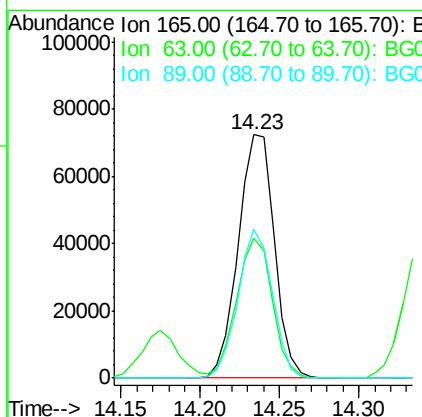
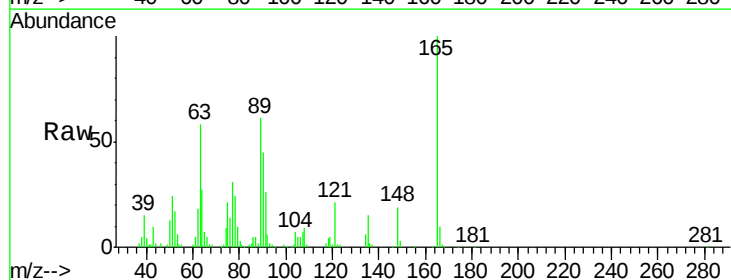
Instrument :
BNA_F
ClientSampleId :

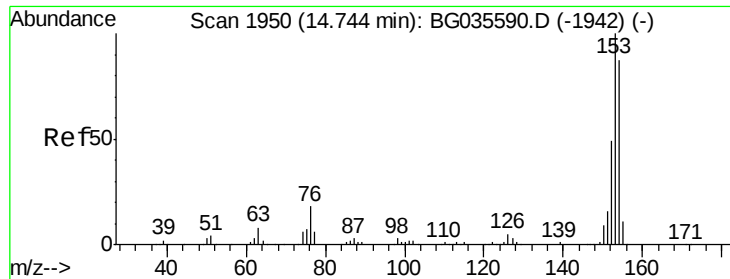
Tgt Ion:163 Resp: 497325
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 55.194 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:165 Resp: 114504
Ion Ratio Lower Upper
165 100
63 57.5 52.7 79.1
89 61.2 49.2 73.8





#51

Acenaphthene

Concen: 47.412 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

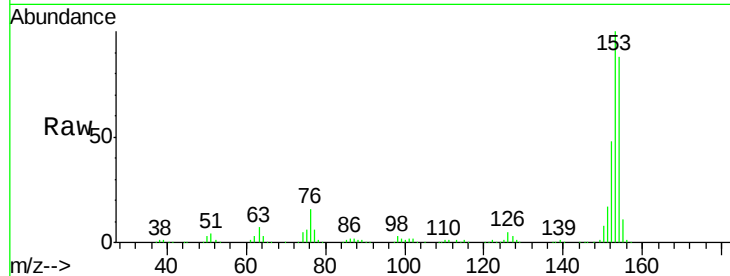
Tgt Ion:154 Resp: 346915

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

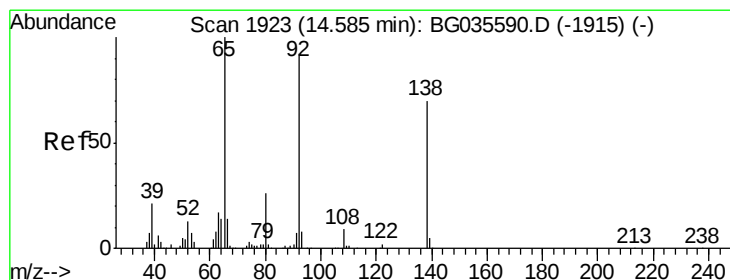
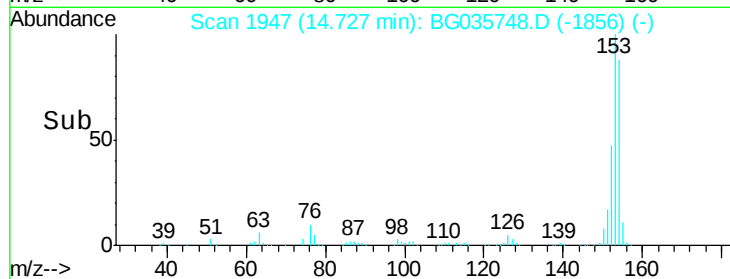
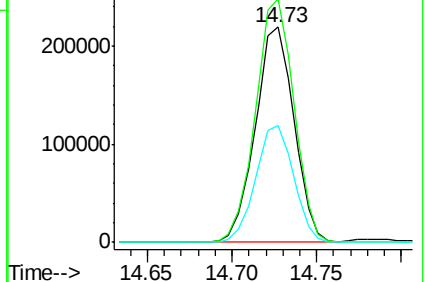
152 54.1 41.6 62.4



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: 19.474 ng

RT: 14.57 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

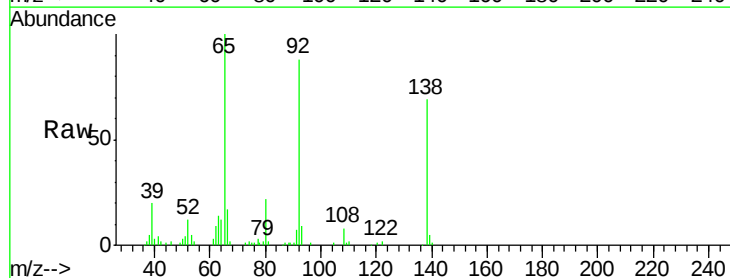
Tgt Ion:138 Resp: 41291

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

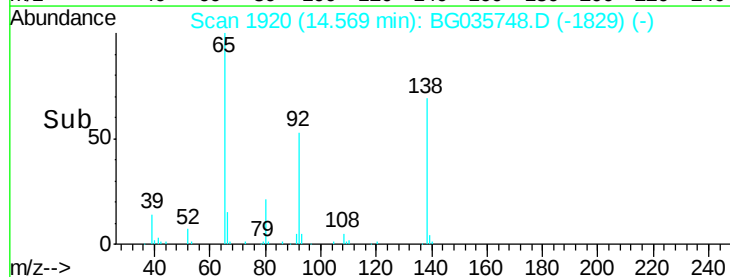
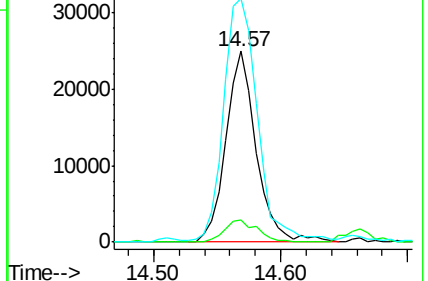
92 127.8 105.8 158.8

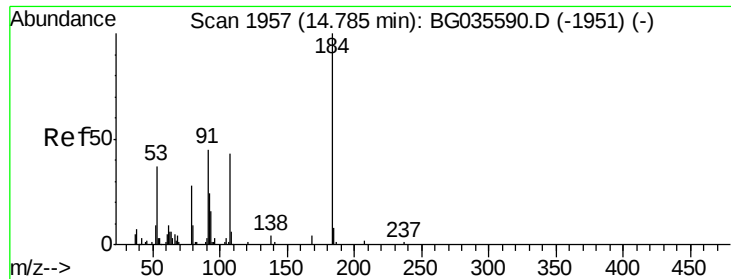


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

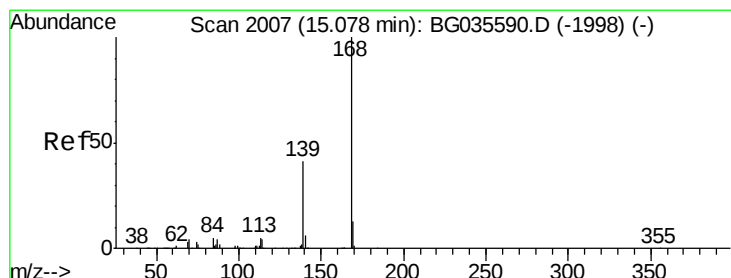
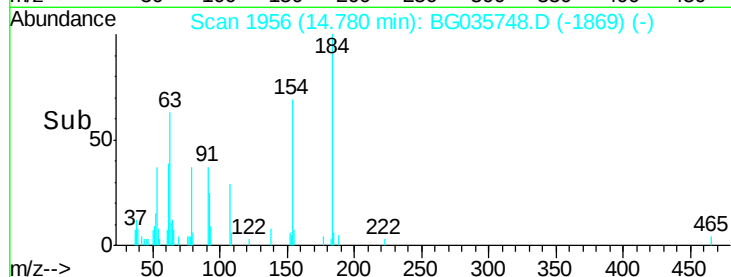
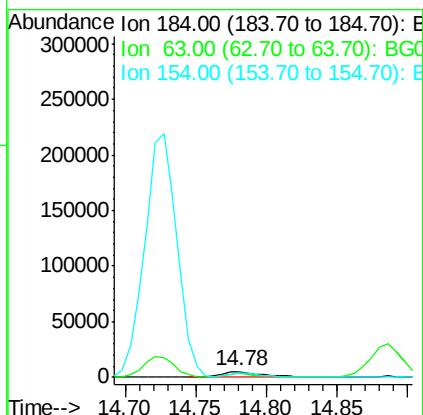
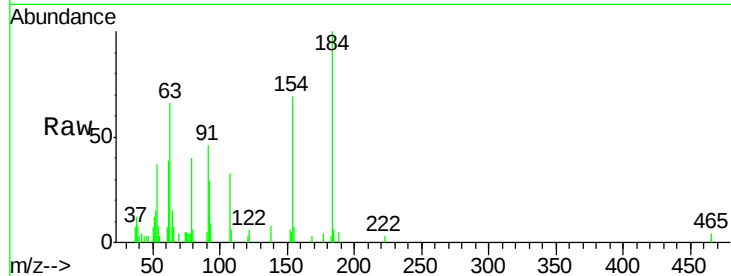




#53
 2,4-Dinitrophenol
 Concen: 16.189 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

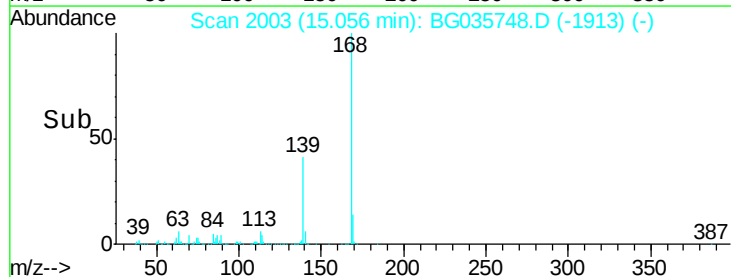
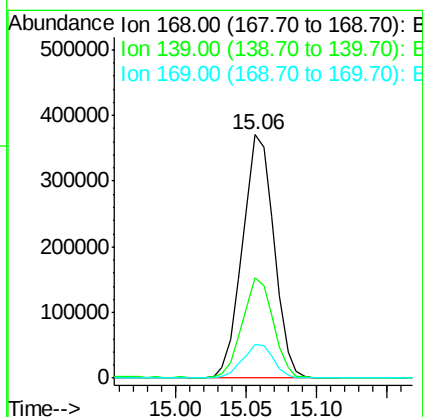
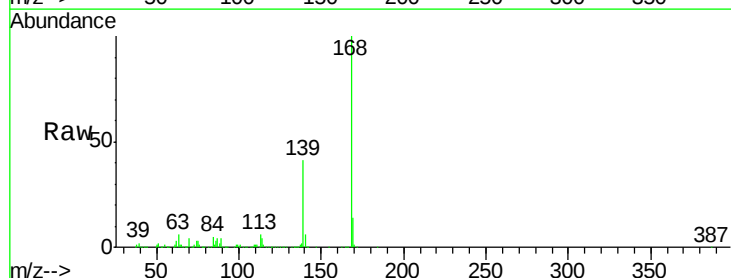
Instrument :
 BNA_F
 ClientSampleId :

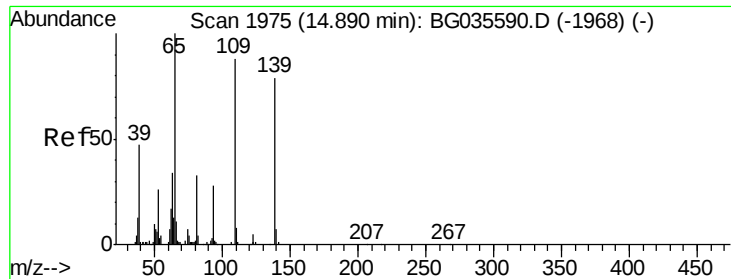
Tgt Ion:184 Resp: 11167
 Ion Ratio Lower Upper
 184 100
 63 66.4 59.8 89.8
 154 68.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 49.896 ng
 RT: 15.06 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:168 Resp: 580632
 Ion Ratio Lower Upper
 168 100
 139 41.4 28.6 43.0
 169 13.9 11.2 16.8

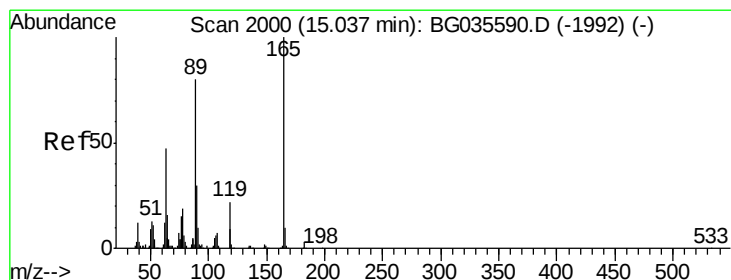
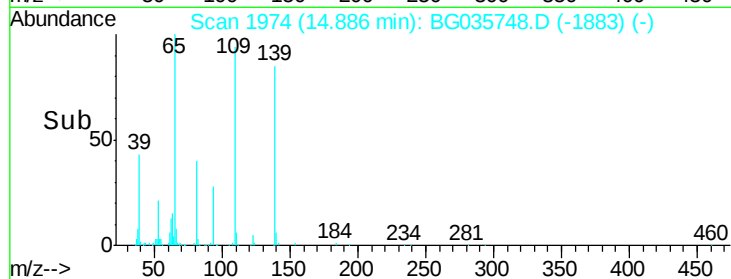
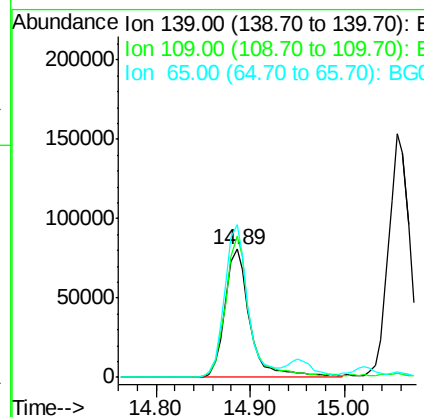
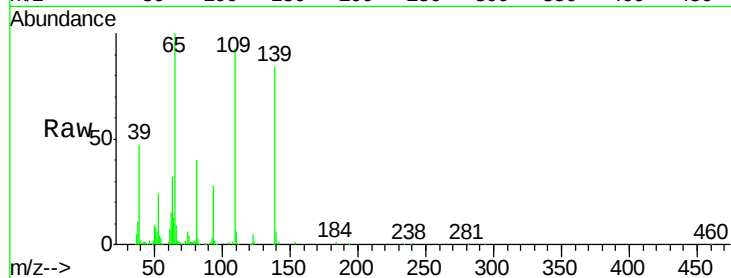




#55
4-Nitrophenol
Concen: 100.281 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

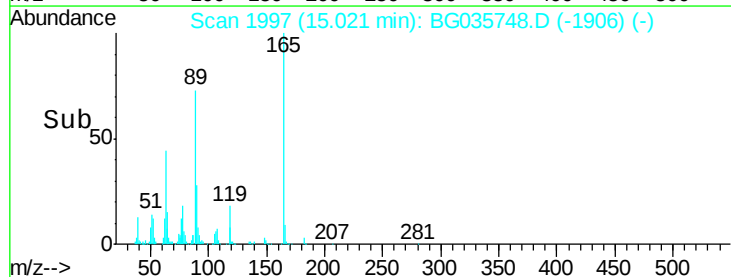
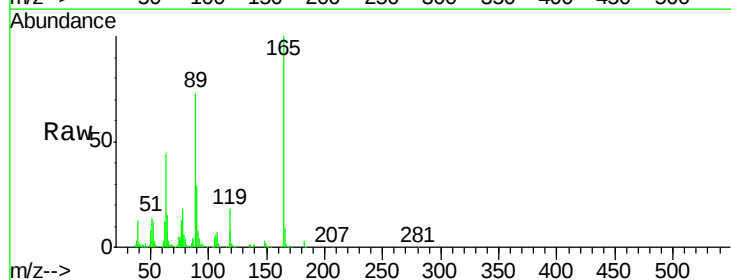
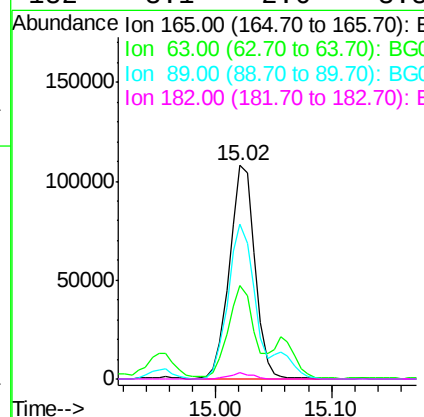
Instrument :
BNA_F
ClientSampleId :

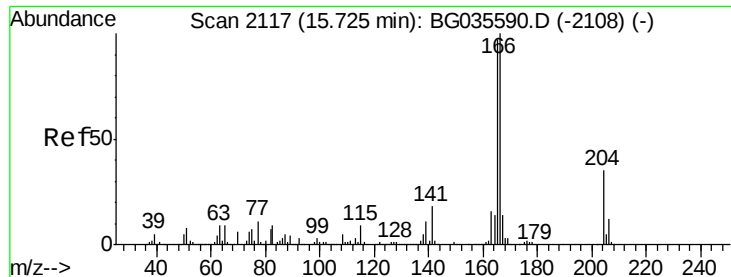
Tgt Ion:139 Resp: 151427
Ion Ratio Lower Upper
139 100
109 110.6 62.2 102.2#
65 118.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 55.324 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:165 Resp: 164657
Ion Ratio Lower Upper
165 100
63 44.0 42.0 63.0
89 72.8 66.9 100.3
182 3.1 2.6 3.8

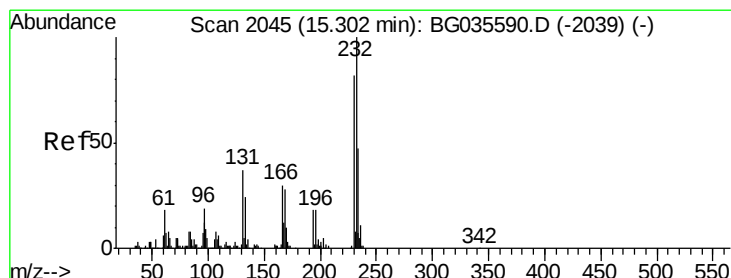
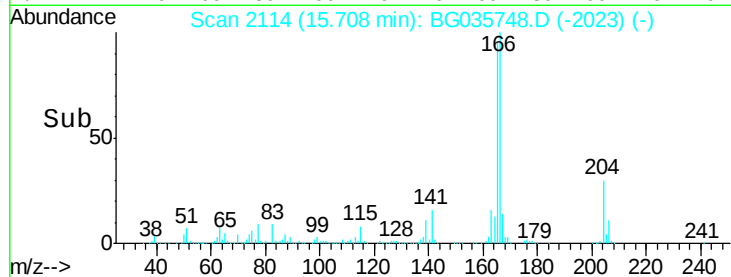
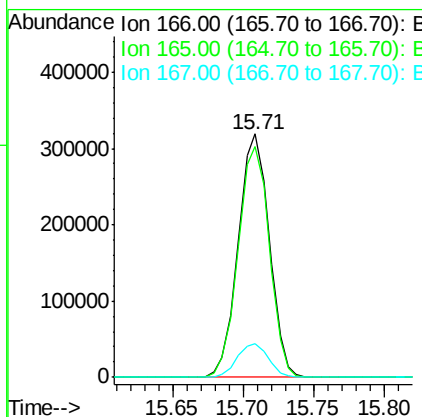
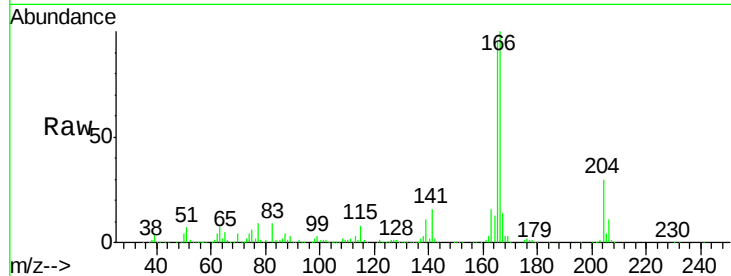




#57
 Fluorene
 Concen: 50.011 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

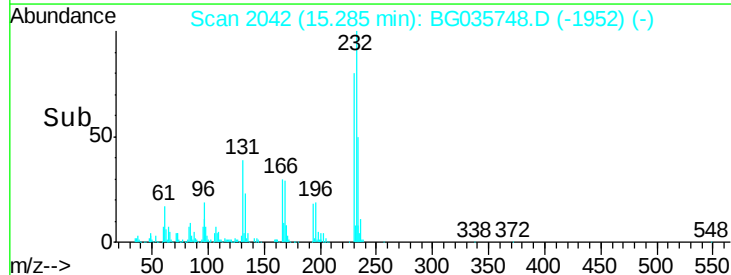
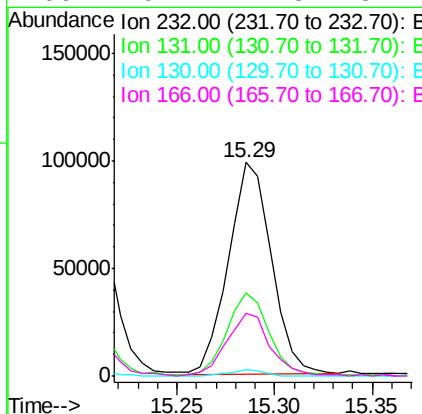
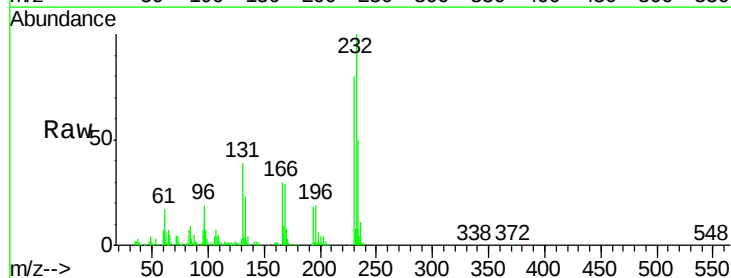
Instrument :
 BNA_F
 ClientSampleId :

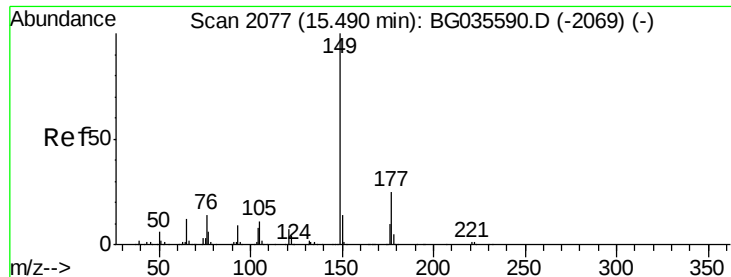
Tgt Ion:166 Resp: 487773
 Ion Ratio Lower Upper
 166 100
 165 94.9 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.604 ng
 RT: 15.29 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:232 Resp: 150315
 Ion Ratio Lower Upper
 232 100
 131 37.8 33.5 50.3
 130 2.4 2.2 3.2
 166 29.4 24.8 37.2

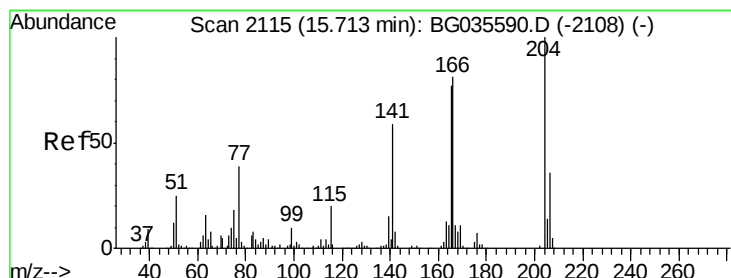
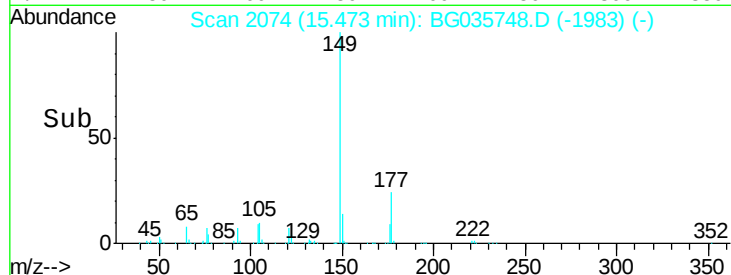
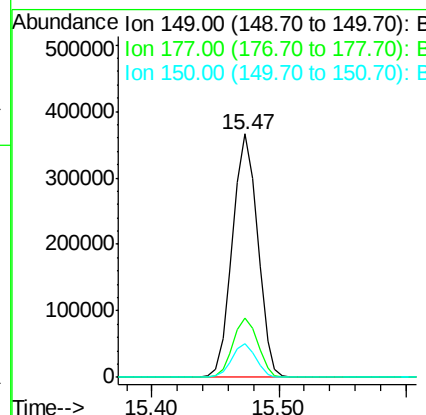
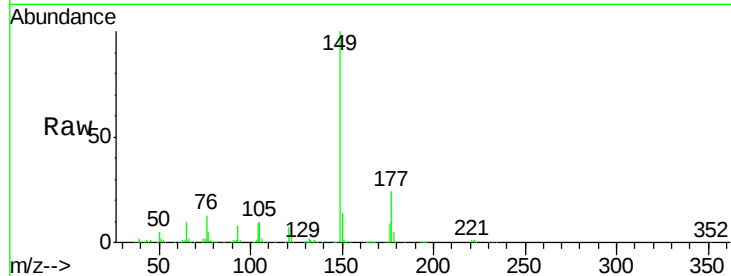




#59
Diethylphthalate
Concen: 48.132 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

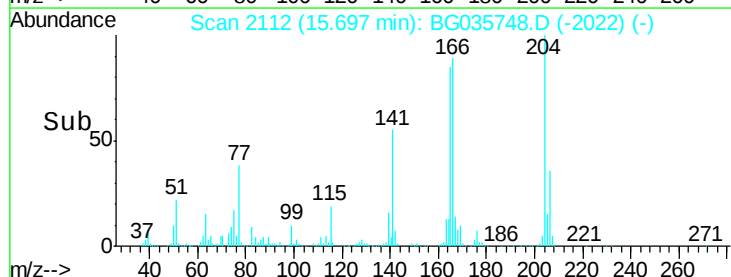
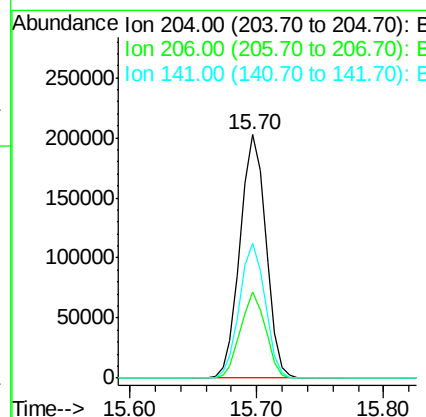
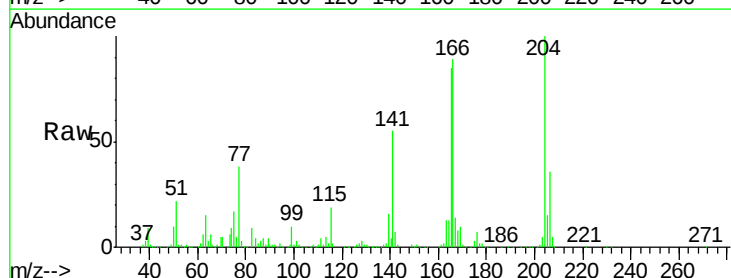
Instrument :
BNA_F
ClientSampleId :

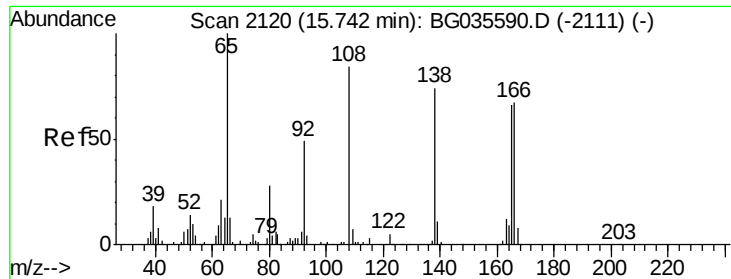
Tgt Ion:149 Resp: 504205
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.931 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:204 Resp: 286229
Ion Ratio Lower Upper
204 100
206 35.5 26.2 39.2
141 55.2 45.8 68.6

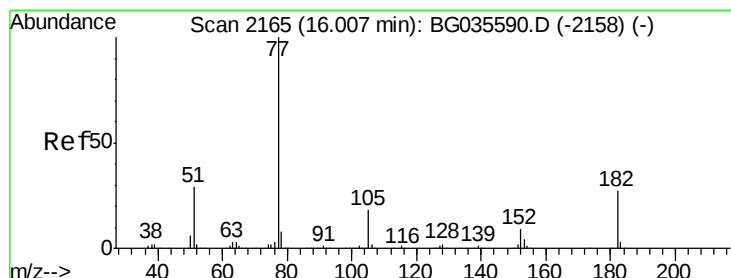
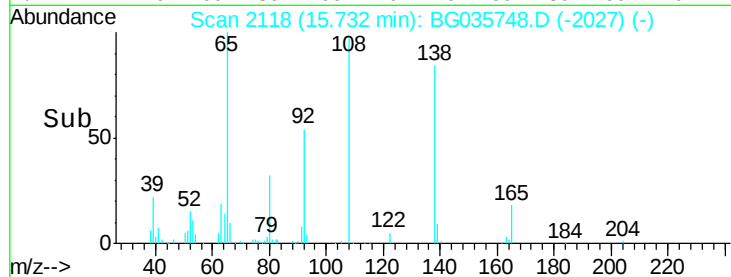
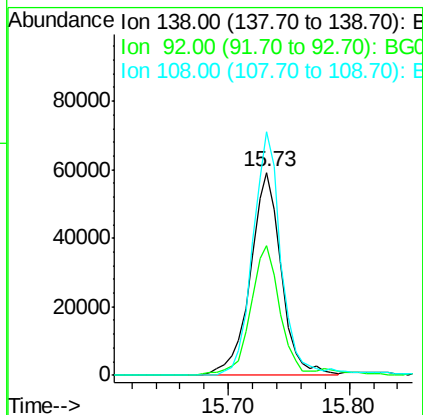
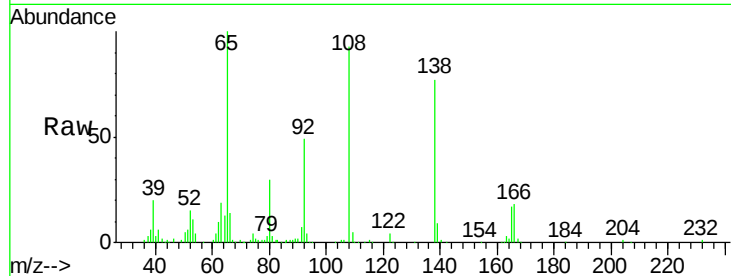




#61
4-Nitroaniline
Concen: 47.599 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

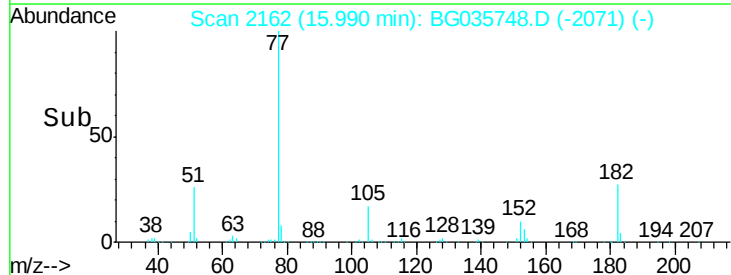
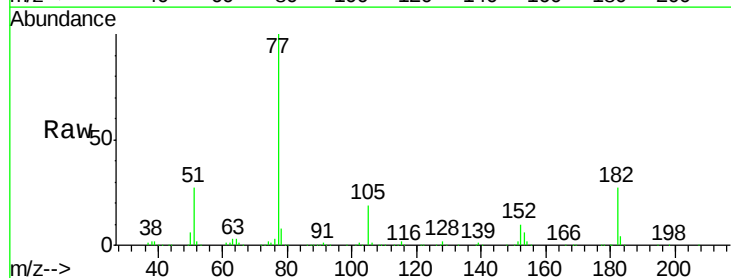
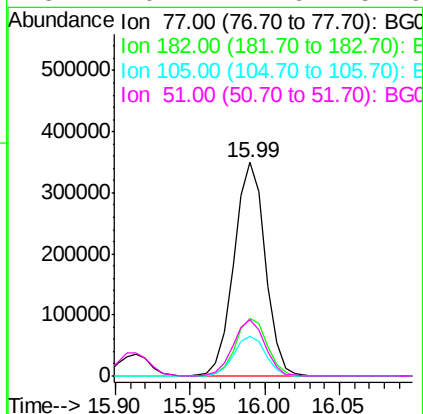
Instrument :
BNA_F
ClientSampled :

Tgt Ion:138 Resp: 105572
Ion Ratio Lower Upper
138 100
92 64.0 40.1 80.1
108 119.9 65.4 105.4#



#62
Azobenzene
Concen: 49.140 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion: 77 Resp: 507758
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 18.6 0.3 40.3
51 26.7 11.6 51.6

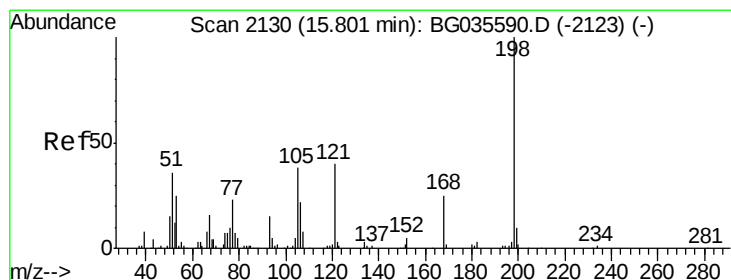
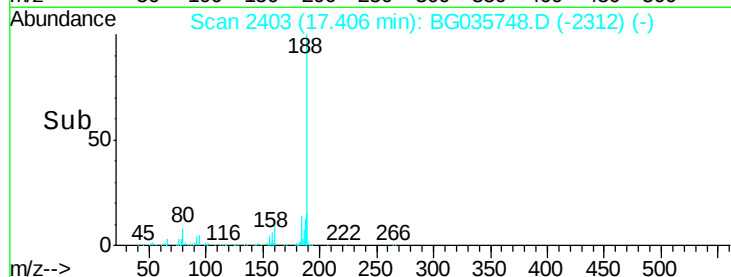
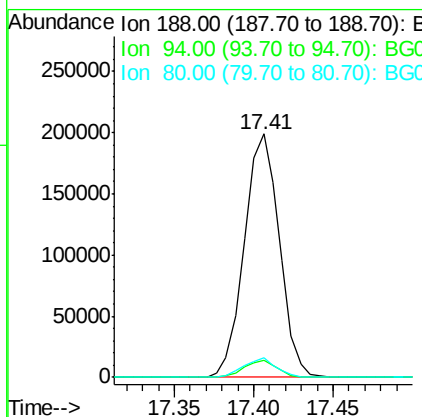
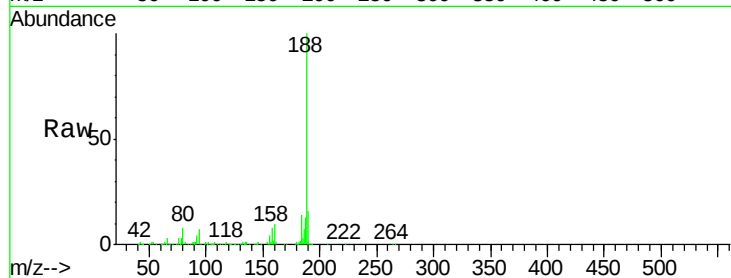




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

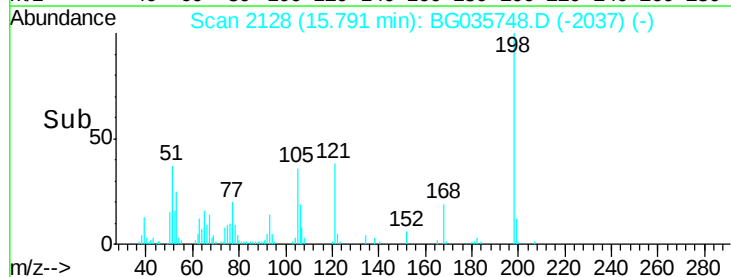
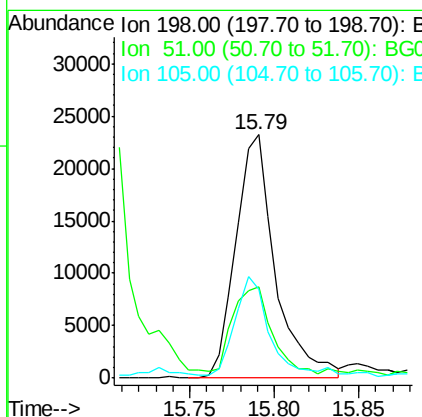
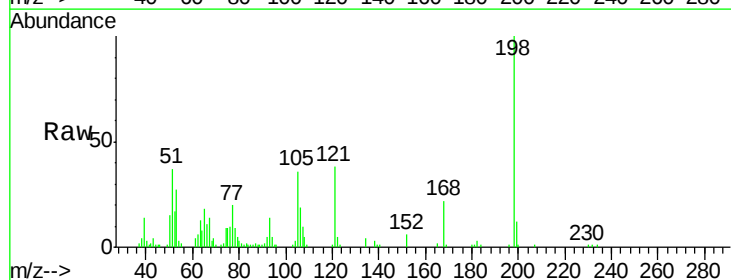
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 306017
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.0 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 22.195 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:198 Resp: 37809
Ion Ratio Lower Upper
198 100
51 37.4 30.6 70.6
105 36.5 23.8 63.8

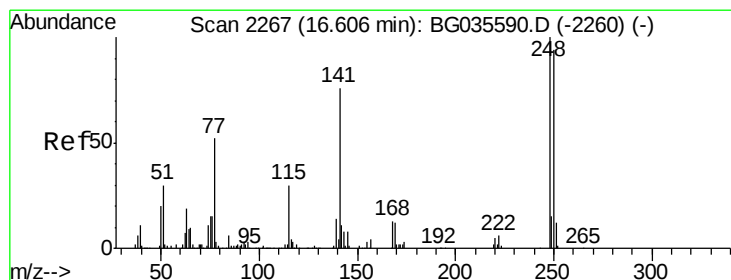
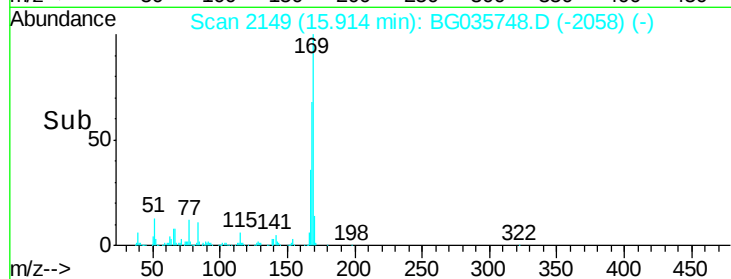
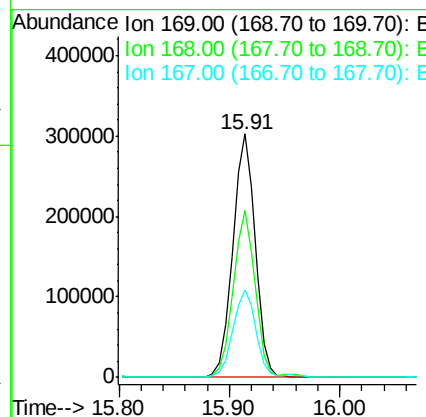
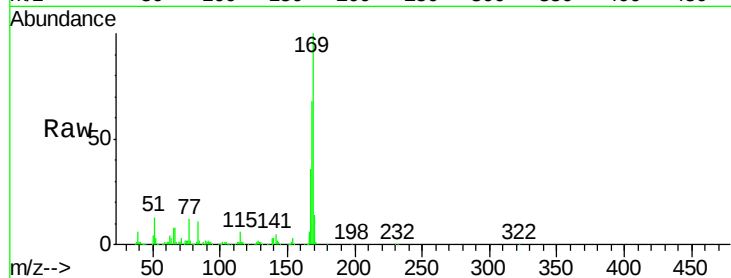




#65
 n-Nitrosodiphenylamine
 Concen: 49.469 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

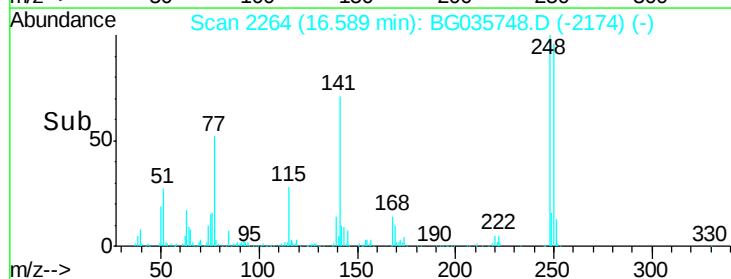
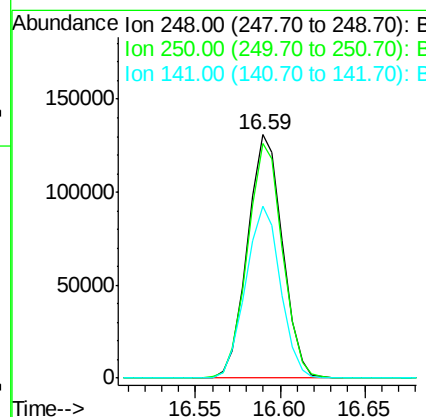
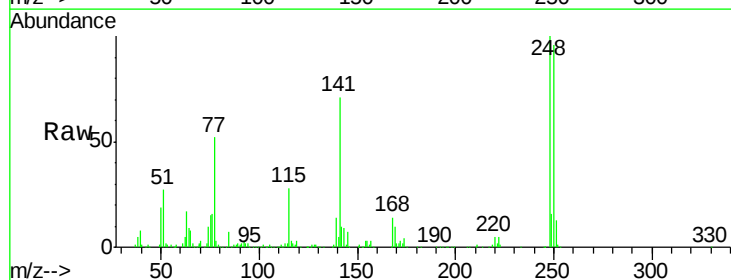
Instrument :
 BNA_F
 ClientSampleId :

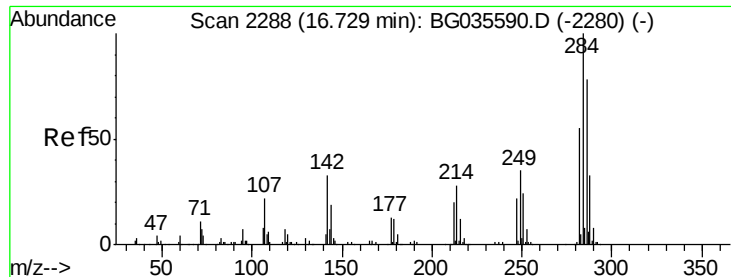
Tgt Ion:169 Resp: 430894
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.7 83.5
 167 36.0 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 52.985 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:248 Resp: 188115
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 70.9 50.8 76.2





#67

Hexachlorobenzene

Concen: 52.421 ng

RT: 16.71 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

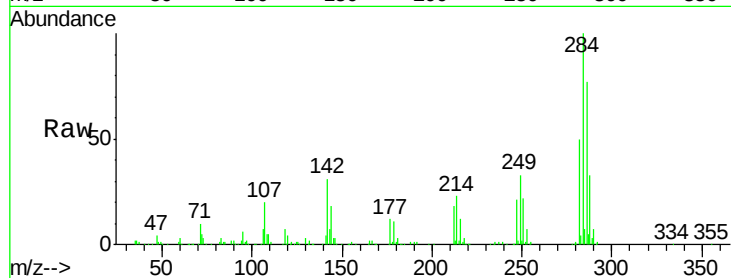
Tgt Ion:284 Resp: 191659

Ion Ratio Lower Upper

284 100

142 31.1 26.8 40.2

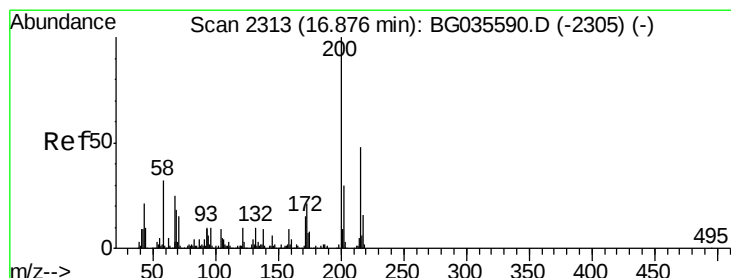
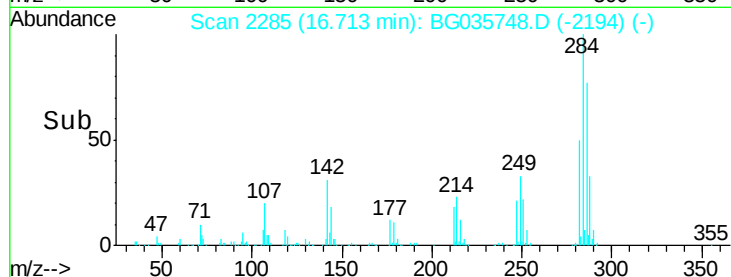
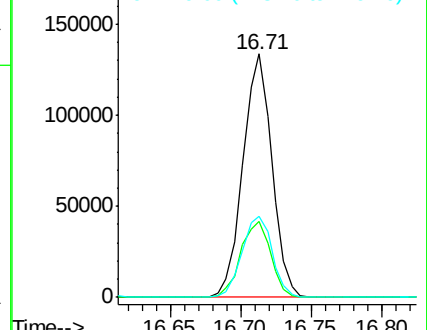
249 33.1 26.3 39.5



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: 54.360 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

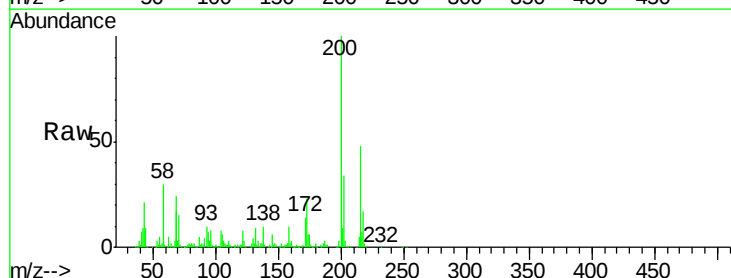
Tgt Ion:200 Resp: 194954

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

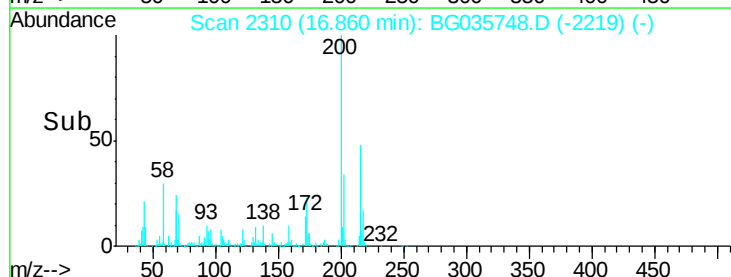
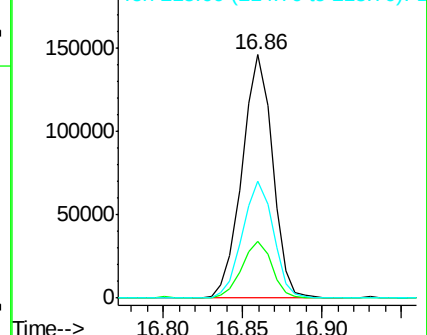
215 48.1 30.4 70.4

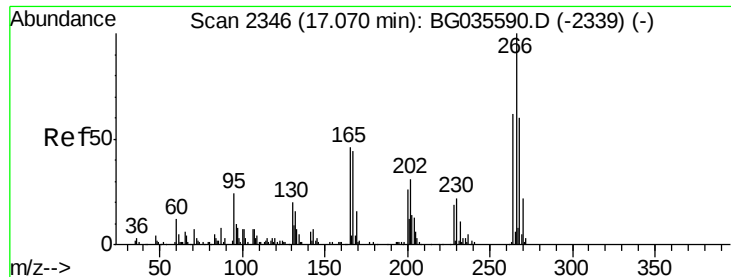


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

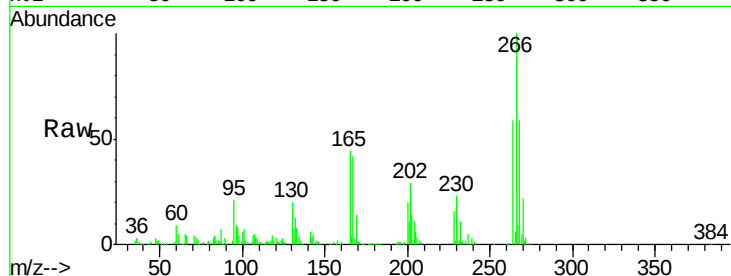




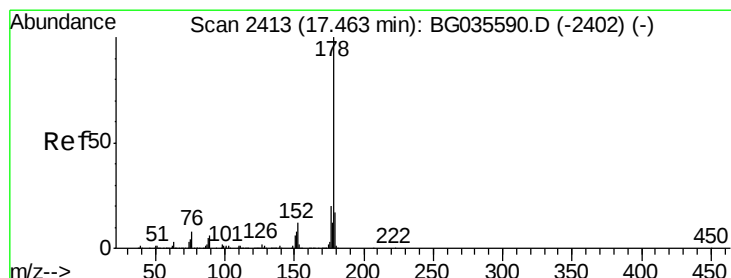
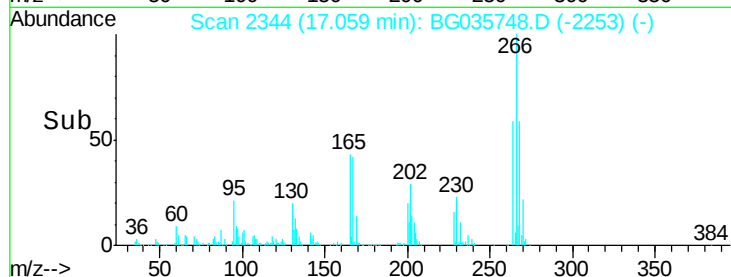
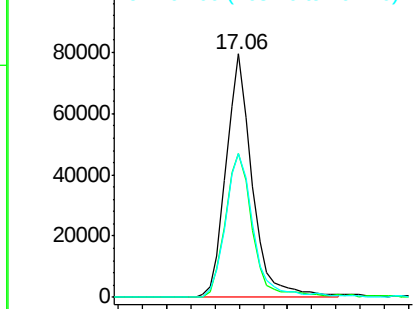
#69
 Pentachlorophenol
 Concen: 54.046 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 120357
 Ion Ratio Lower Upper
 266 100
 268 58.9 51.1 76.7
 264 59.3 49.6 74.4

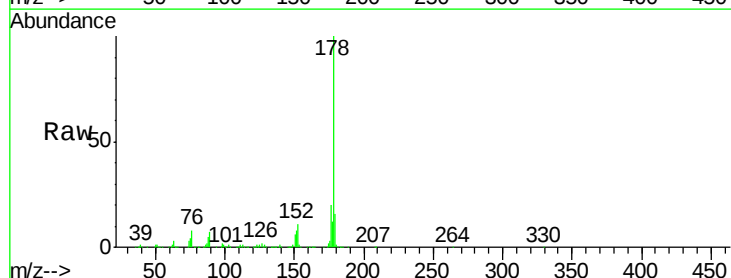


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

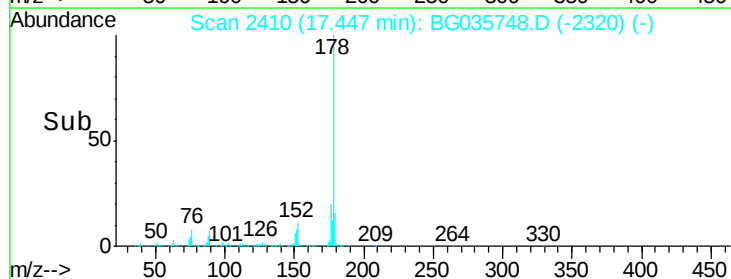
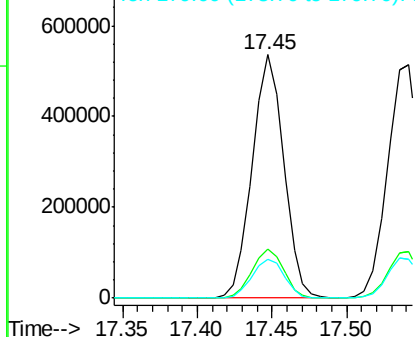


#70
 Phenanthrene
 Concen: 51.270 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:178 Resp: 782879
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.684 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

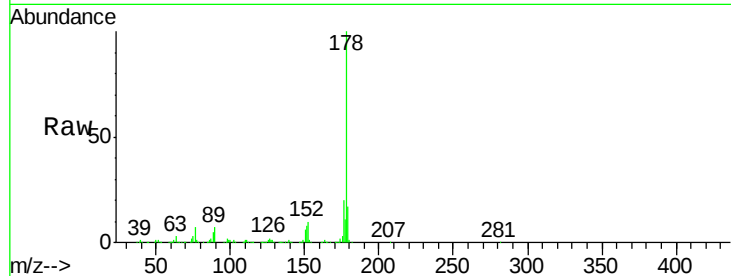
Tgt Ion:178 Resp: 801032

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

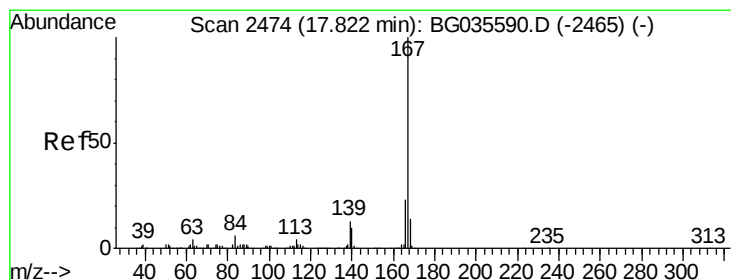
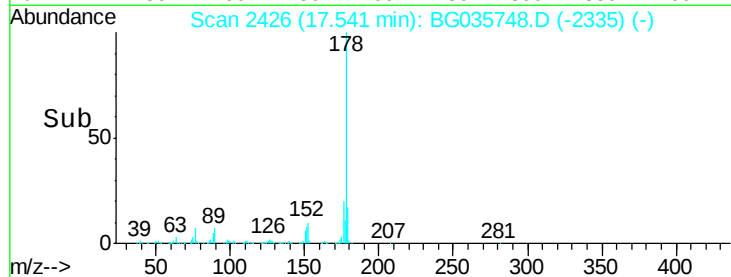
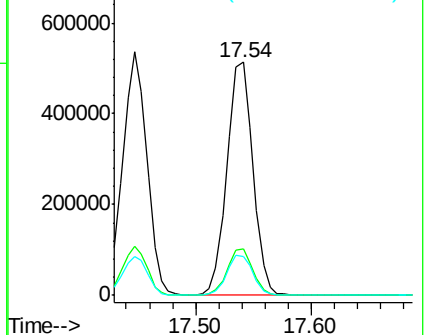
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.526 ng

RT: 17.81 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

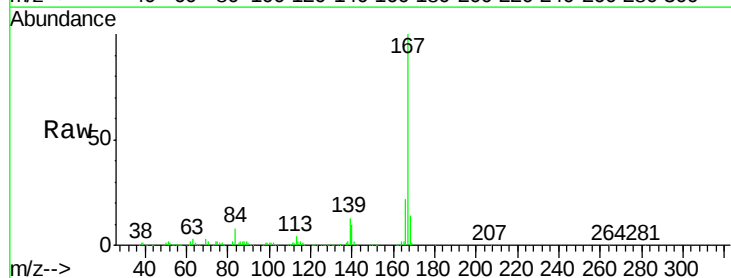
Tgt Ion:167 Resp: 729571

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.4

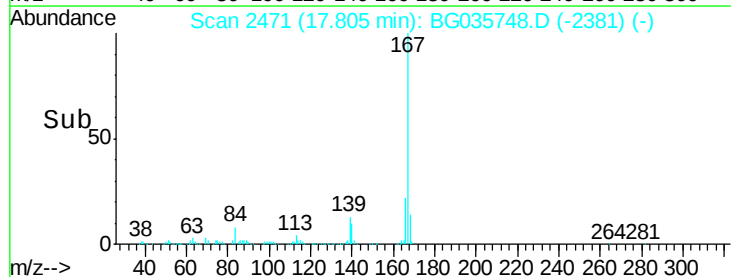
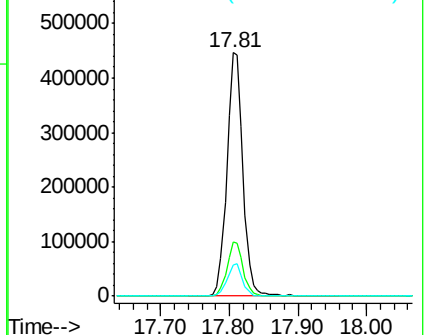
139 12.7 9.4 14.2

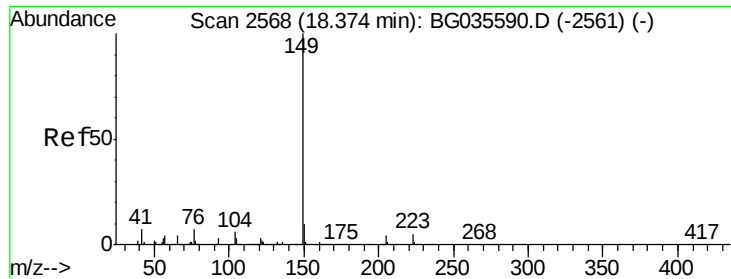


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.282 ng

RT: 18.36 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

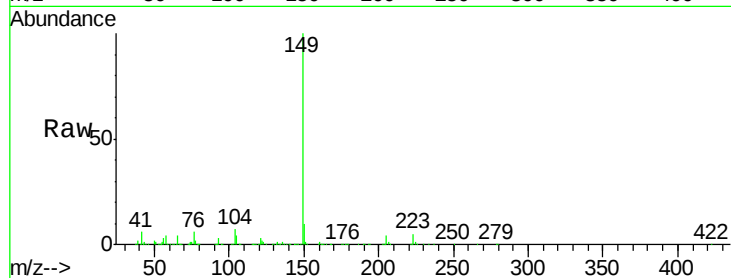
Tgt Ion:149 Resp: 823848

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

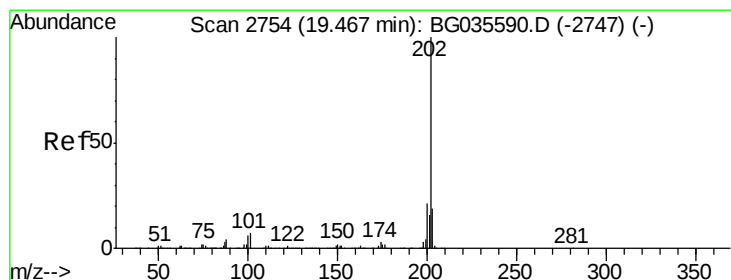
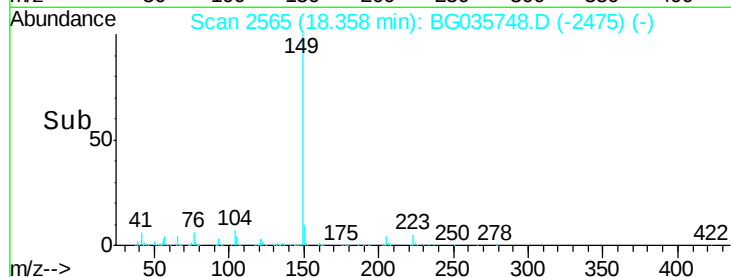
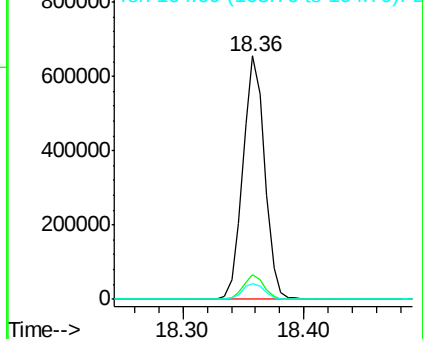
104 6.6 3.9 5.9#



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: 49.364 ng

RT: 19.46 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

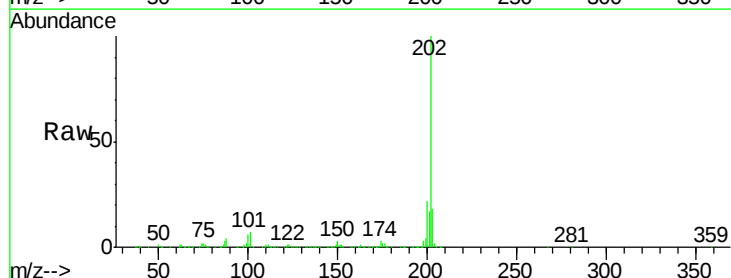
Tgt Ion:202 Resp: 1015314

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

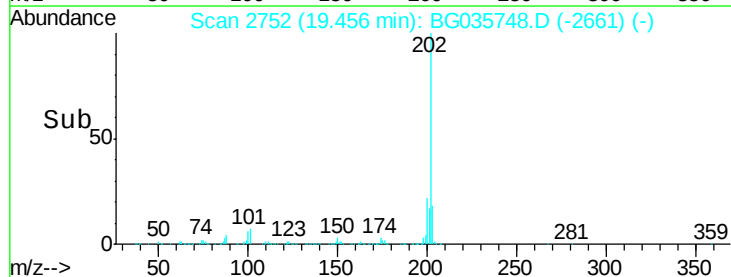
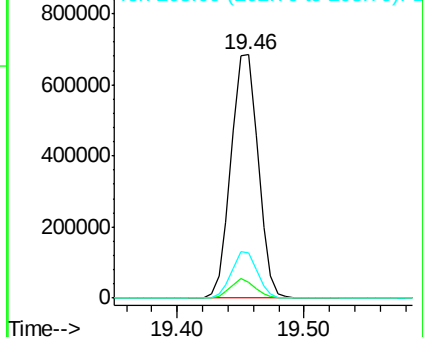
203 18.5 0.0 37.5



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: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

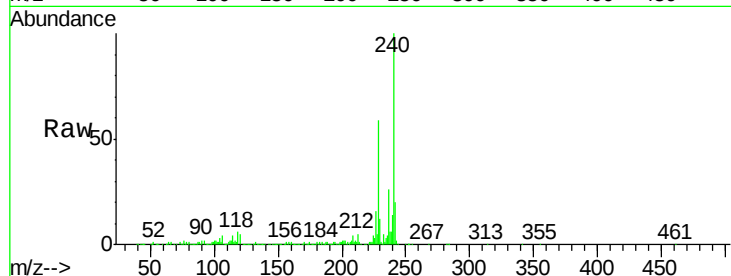
Tgt Ion:240 Resp: 330546

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

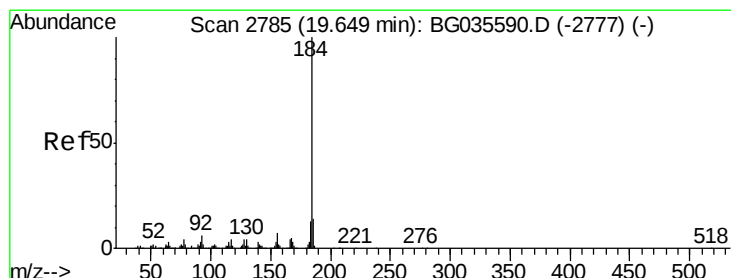
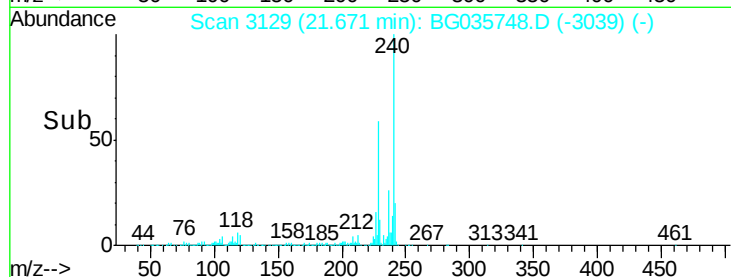
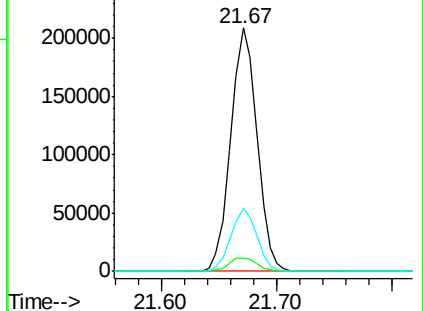
236 26.0 20.9 31.3



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: 33.370 ng

RT: 19.63 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

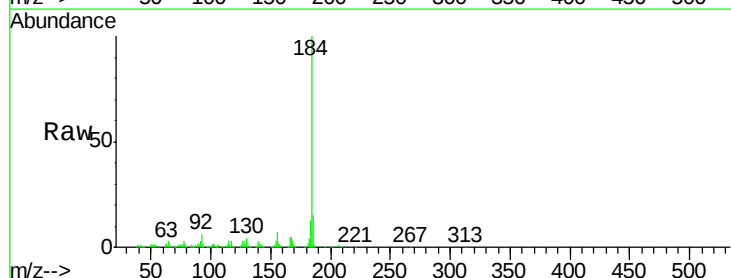
Tgt Ion:184 Resp: 289986

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

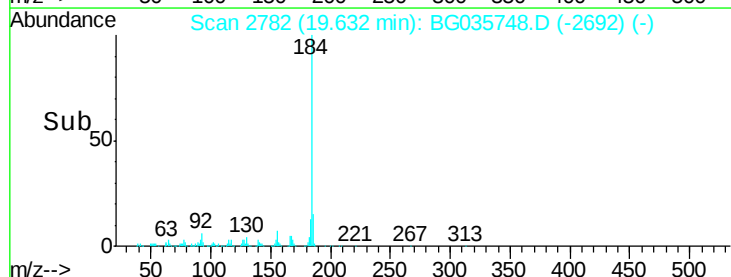
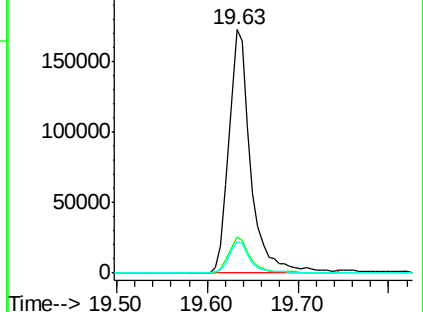
183 12.6 10.6 16.0

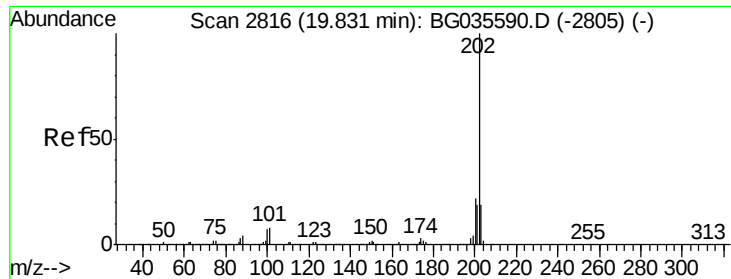


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

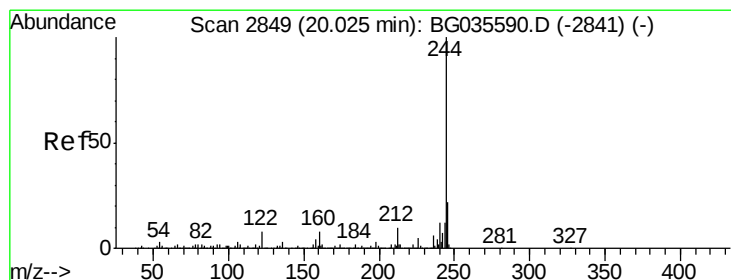
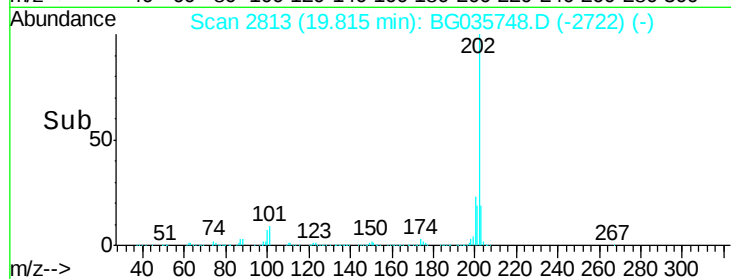
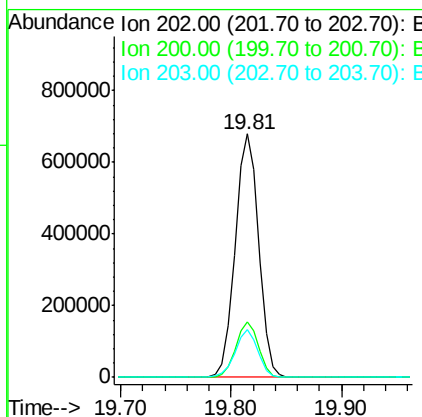
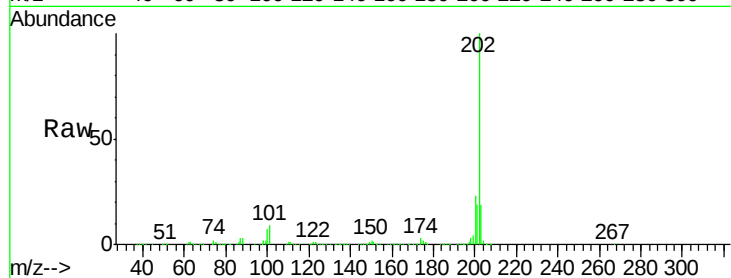




#77
 Pyrene
 Concen: 48.491 ng
 RT: 19.81 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

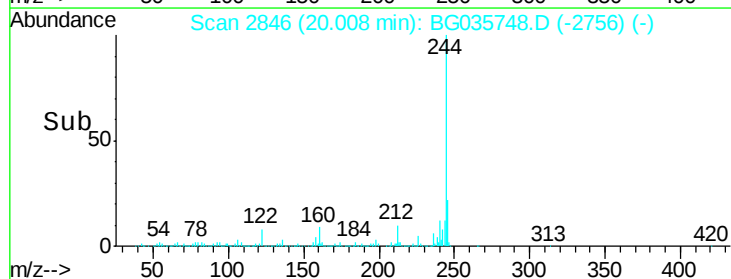
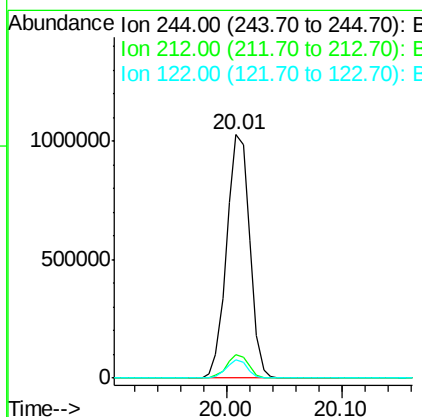
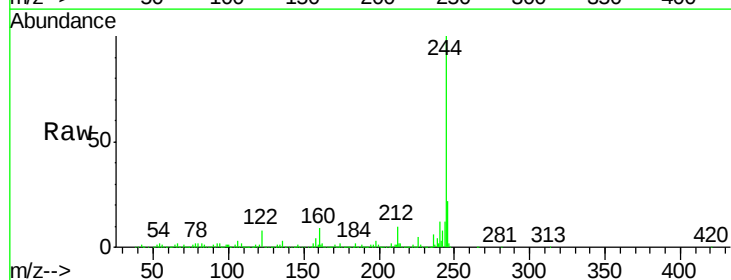
Instrument :
 BNA_F
 ClientSampleId :

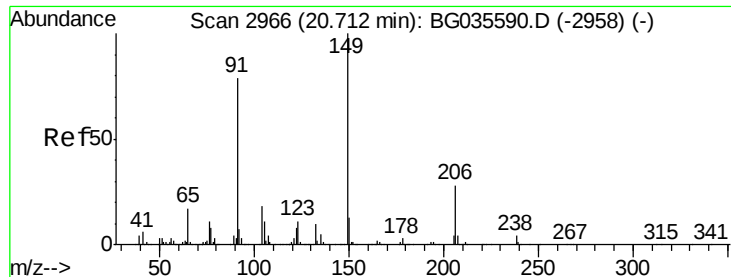
Tgt Ion:202 Resp: 1013506
 Ion Ratio Lower Upper
 202 100
 200 23.0 16.9 25.3
 203 19.4 13.9 20.9



#78
 Terphenyl-d14
 Concen: 94.874 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:244 Resp: 1422683
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.8#
 122 7.6 7.0 10.4

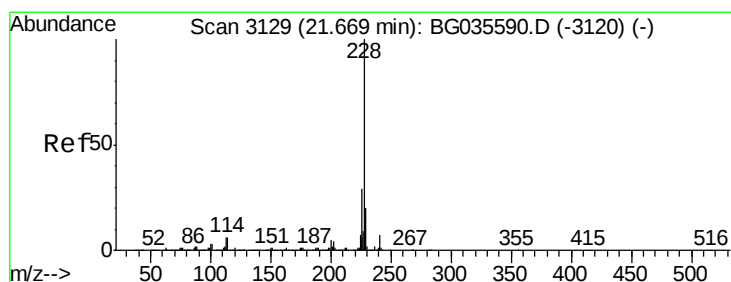
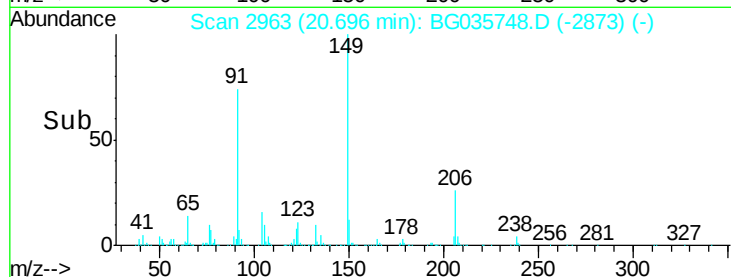
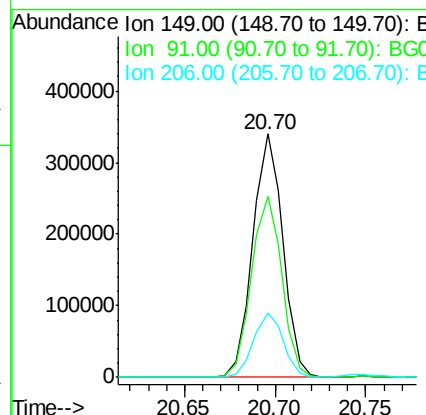
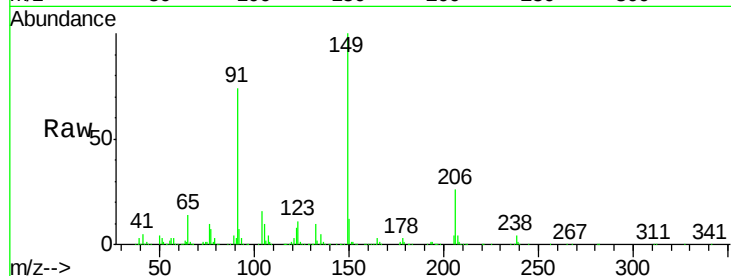




#79
Butylbenzylphthalate
Concen: 52.289 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

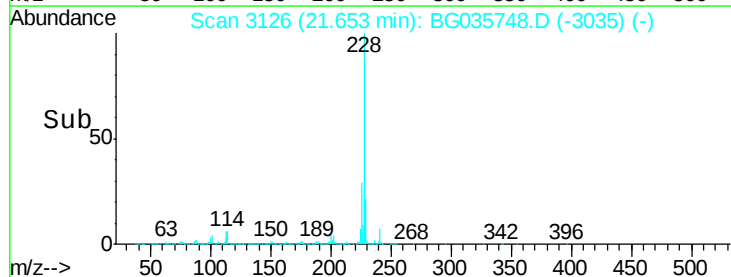
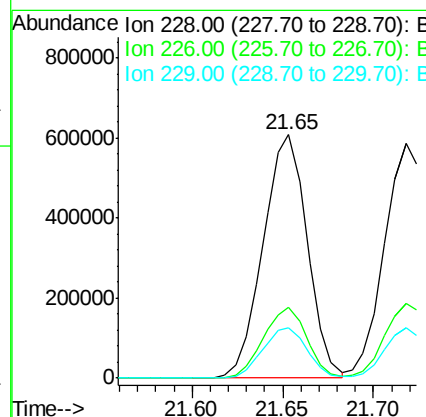
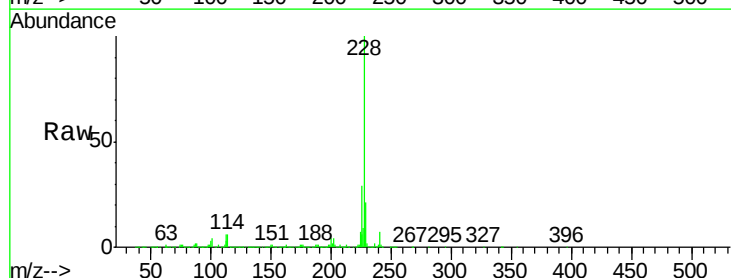
Instrument :
BNA_F
ClientSampleId :

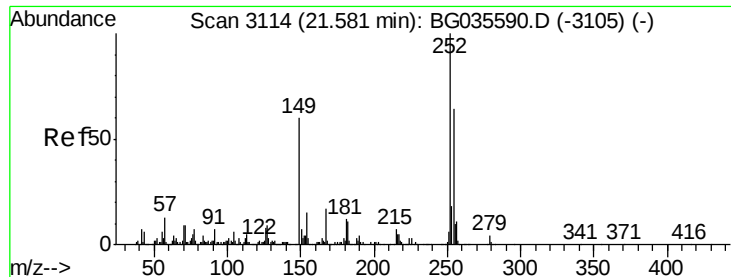
Tgt Ion:149 Resp: 390816
Ion Ratio Lower Upper
149 100
91 74.5 62.2 93.2
206 26.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.905 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion:228 Resp: 1027975
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 20.6 16.2 24.2

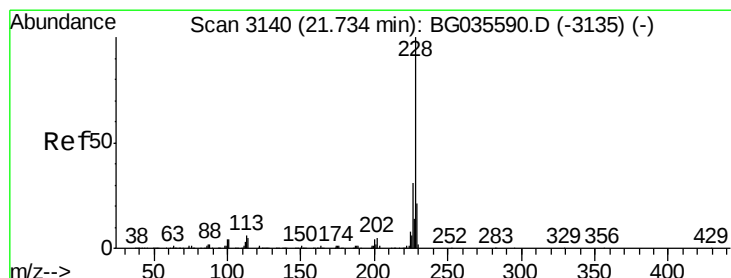
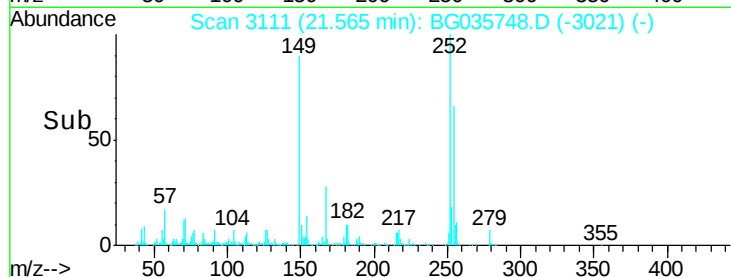
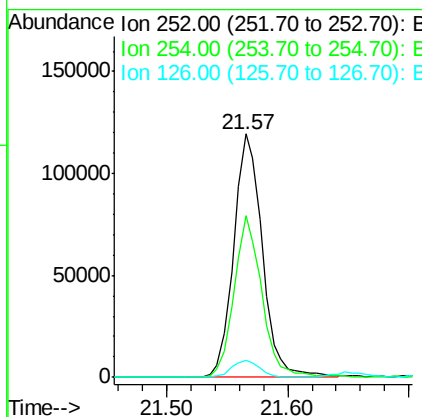
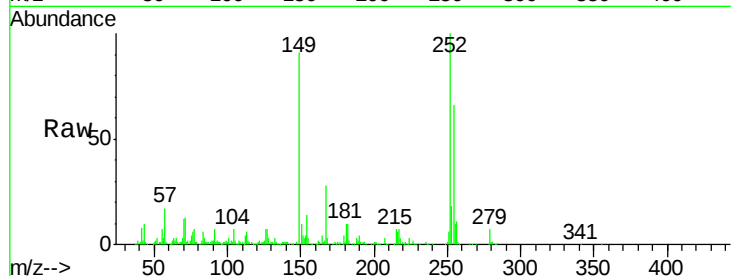




#81
 3,3'-Dichlorobenzidine
 Concen: 27.483 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

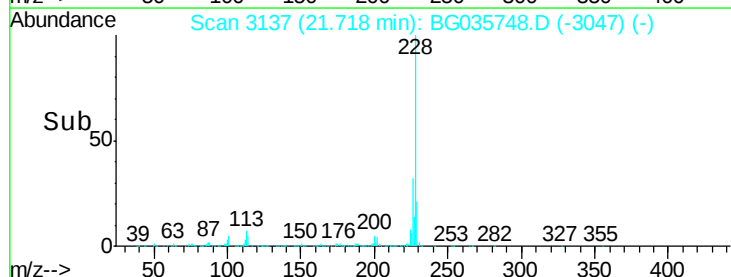
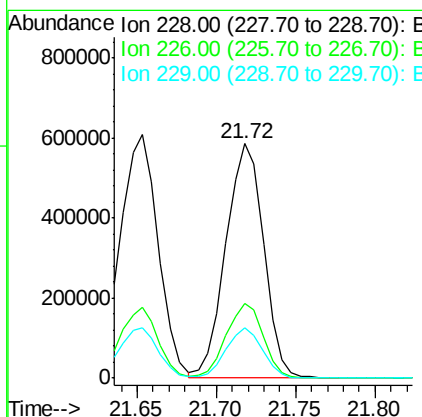
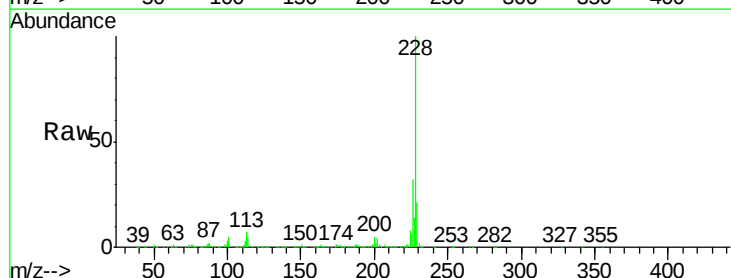
Instrument :
 BNA_F
 ClientSampleId :

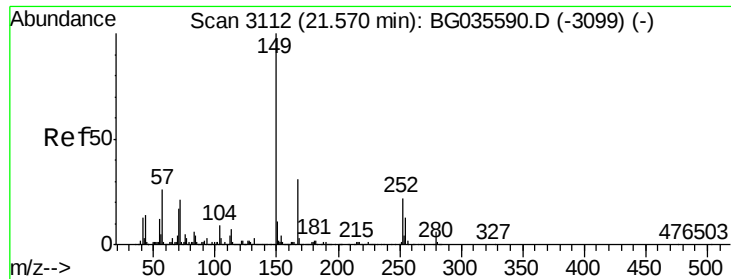
Tgt Ion: 252 Resp: 197393
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.8 76.2
 126 7.1 7.4 11.2#



#82
 Chrysene
 Concen: 50.426 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion: 228 Resp: 962551
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 21.5 15.0 22.4

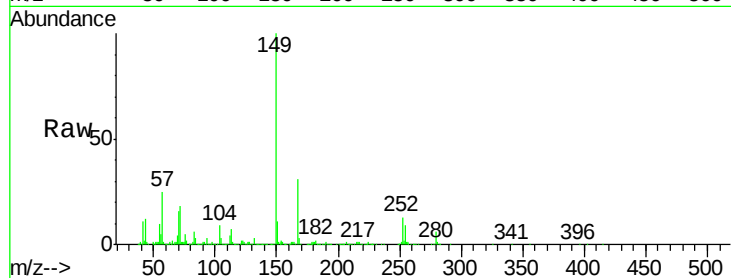




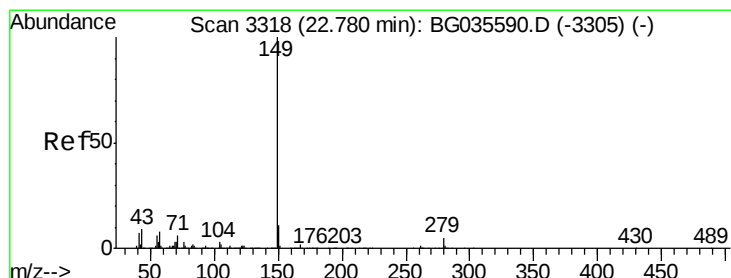
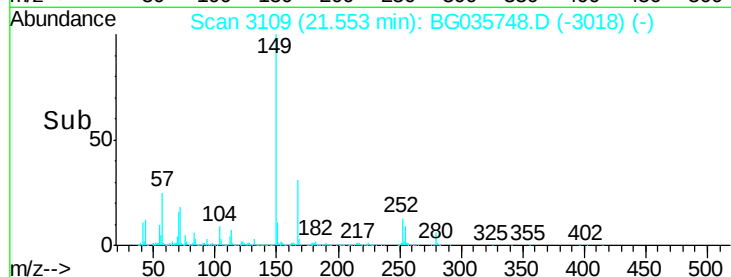
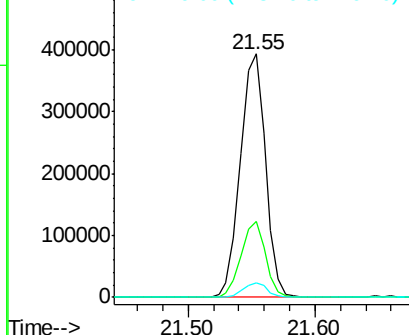
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.120 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 539767
 Ion Ratio Lower Upper
 149 100
 167 31.3 24.3 36.5
 279 6.2 4.0 6.0#

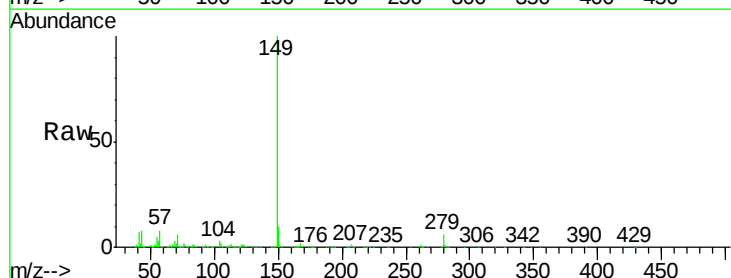


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

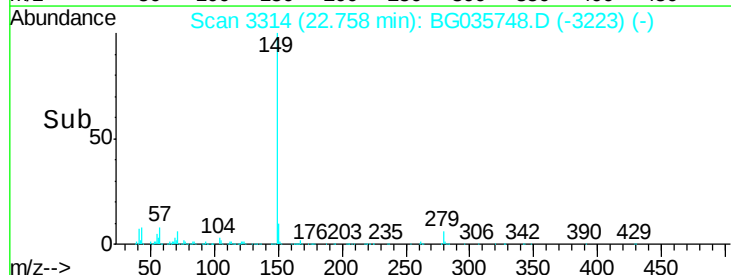
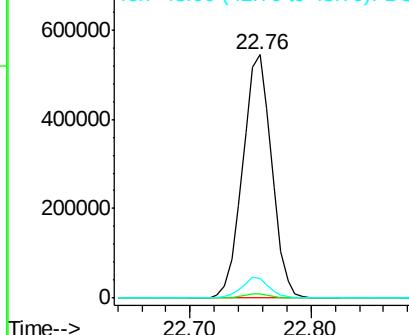


#84
 Di-n-octyl phthalate
 Concen: 53.870 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:149 Resp: 916518
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 8.1 8.9 13.3#



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): BG

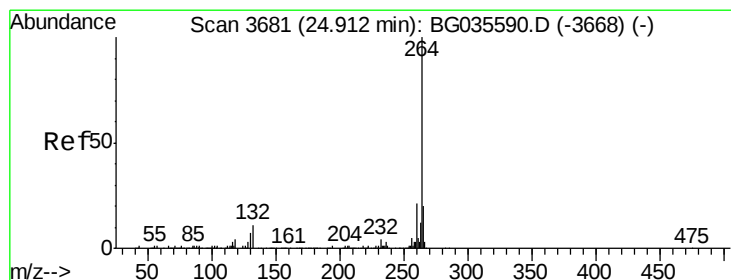
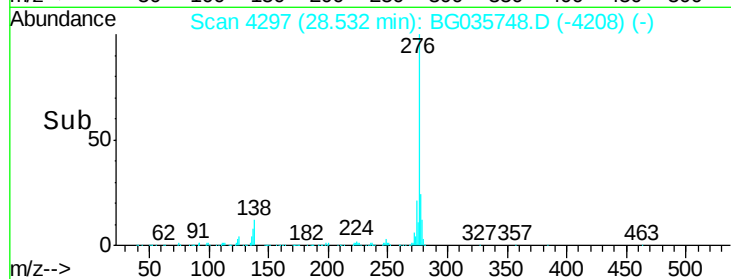
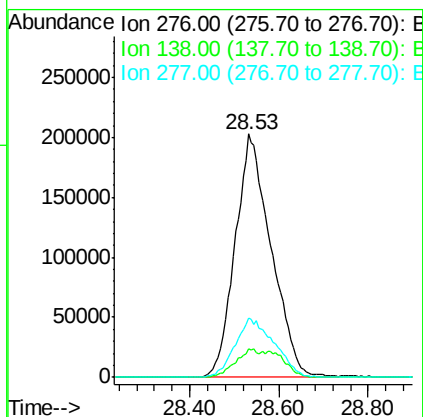
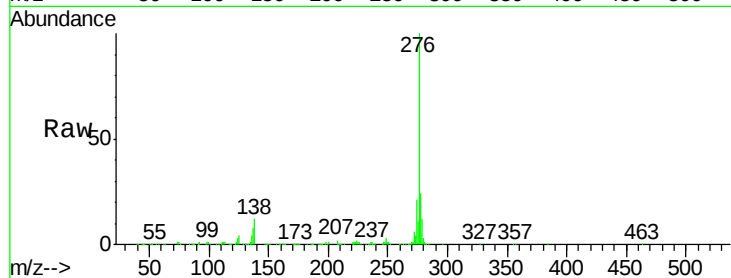




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.723 ng
 RT: 28.53 min Scan# 4297
 Delta R.T. -0.01 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

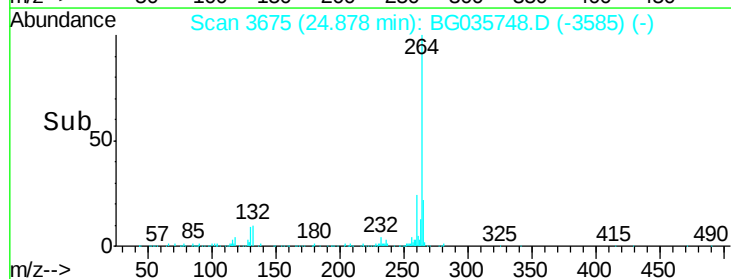
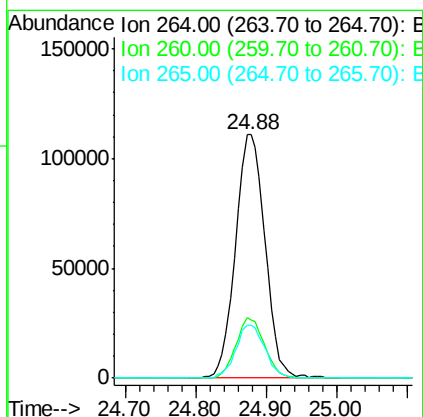
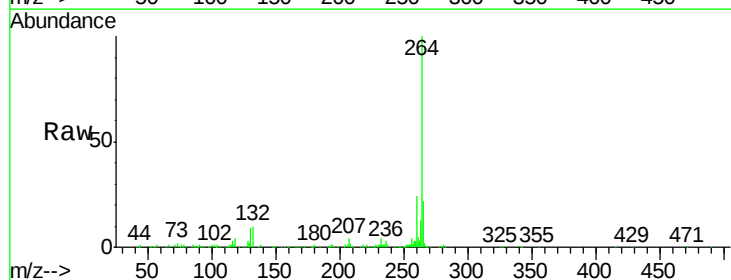
Instrument :
 BNA_F
 ClientSampleId :

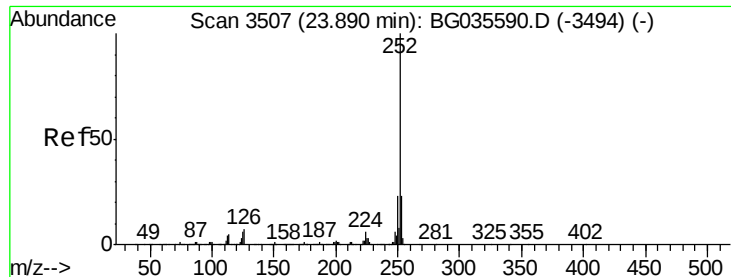
Tgt Ion:276 Resp: 1135352
 Ion Ratio Lower Upper
 276 100
 138 7.5 16.0 24.0#
 277 26.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:264 Resp: 322990
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 52.353 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

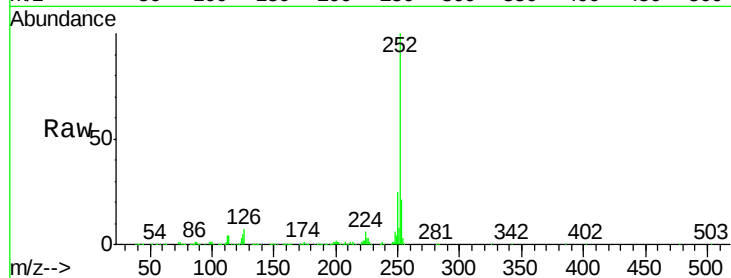
Tgt Ion:252 Resp: 1027755

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

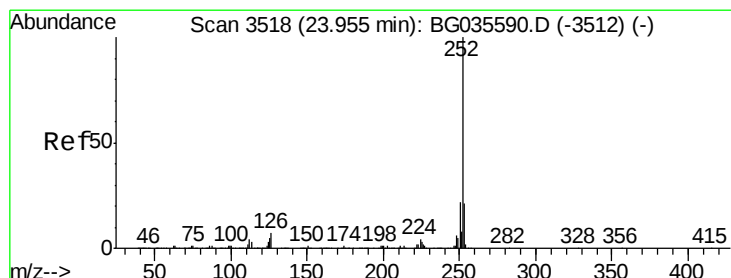
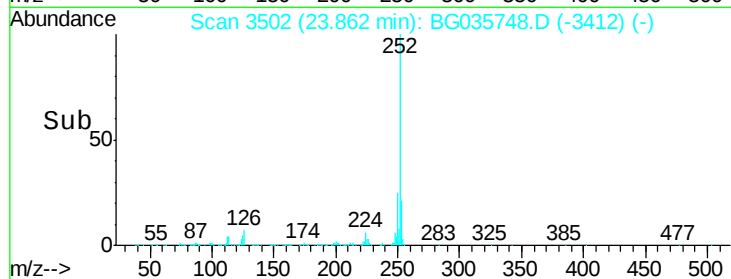
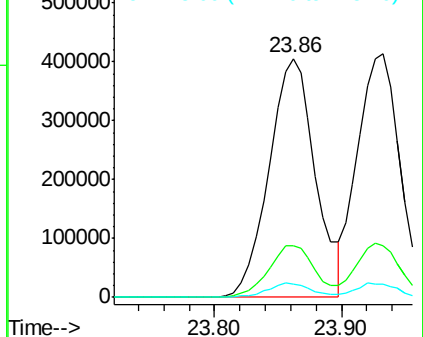
125 5.4 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.766 ng

RT: 23.93 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

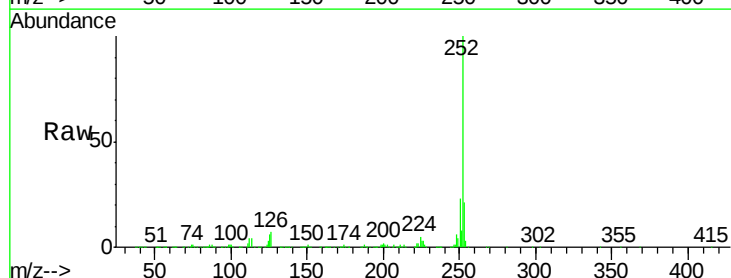
Tgt Ion:252 Resp: 955124

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

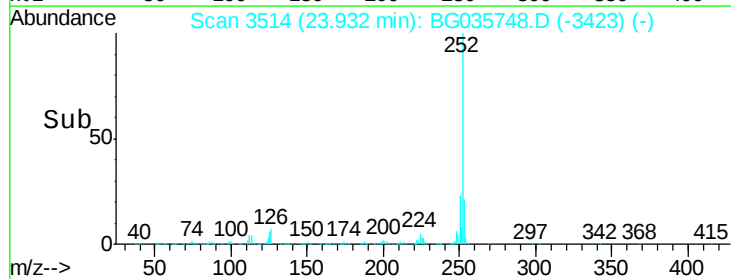
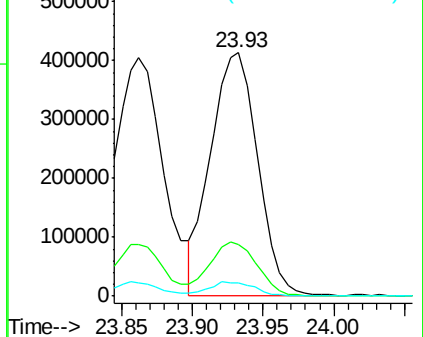
125 5.6 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.838 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

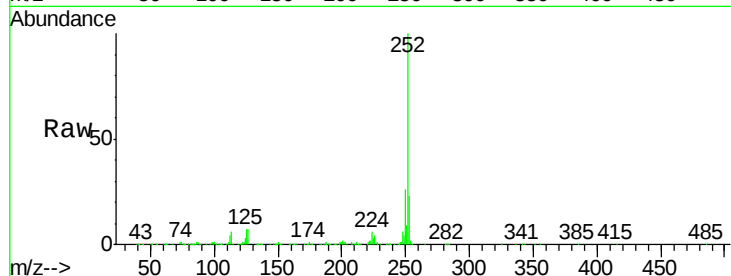
Tgt Ion:252 Resp: 983260

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

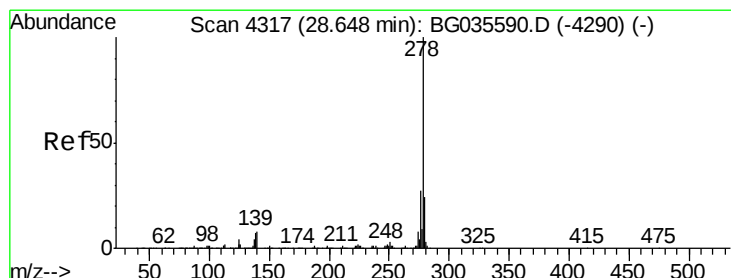
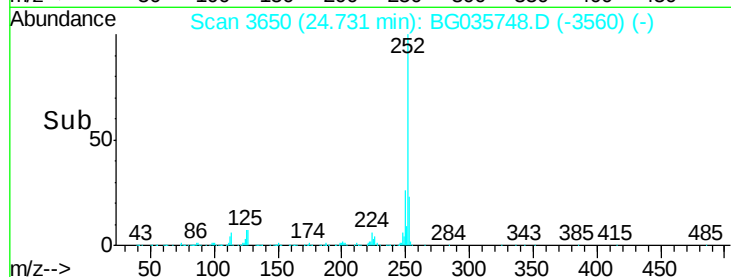
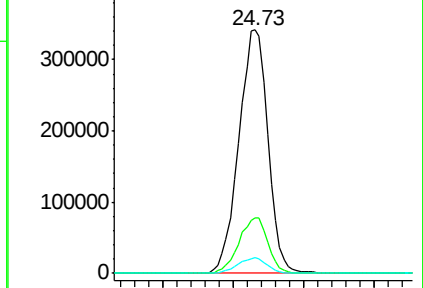
125 6.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.868 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

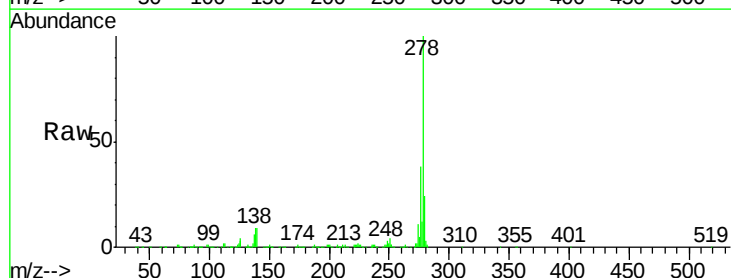
Tgt Ion:278 Resp: 947926

Ion Ratio Lower Upper

278 100

139 9.3 9.8 14.6#

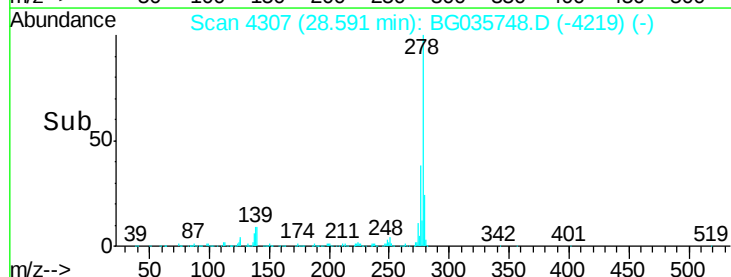
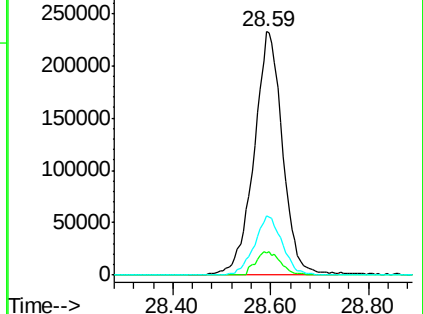
279 24.2 18.4 27.6

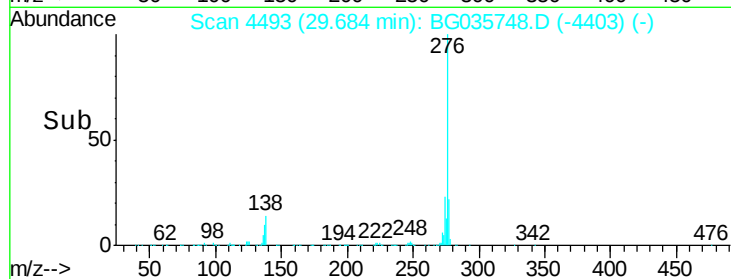
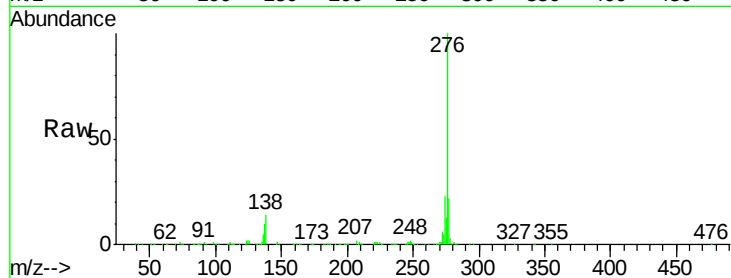
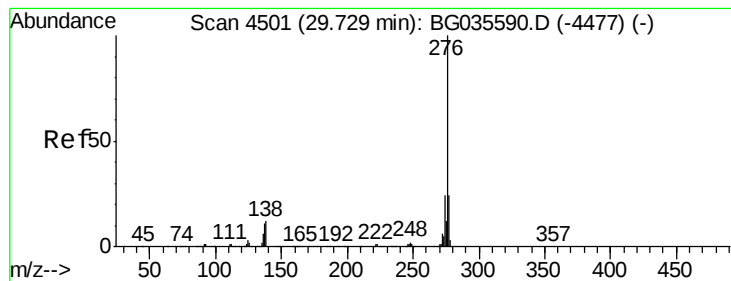


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.097 ng

RT: 29.68 min Scan# 4493

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 276 Resp: 949140

Ion Ratio Lower Upper

276 100

277 22.3 18.3 27.5

138 14.0 13.9 20.9

