

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
 Data File : BG035749.D
 Acq On : 19 Jul 2018 12:05
 Operator : JU/SJ
 Sample : PB111228BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

Quant Time: Jul 19 14:29:56 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	8.03	152	41197	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	154370	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	111232	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	300445	20.00	ng	0.00
75) Chrysene-d12	21.67	240	325320	20.00	ng	0.00
86) Perylene-d12	24.88	264	314415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	251292	101.27	ng	0.00
7) Phenol-d6	7.21	99	368083	99.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	347661	94.08	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	159184	108.58	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	817164	98.42	ng	0.00
78) Terphenyl-d14	20.01	244	1316819	89.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	41475	32.840	ng	# 73
3) Pyridine	3.92	79	121755	36.928	ng	# 72
4) n-Nitrosodimethylamine	3.84	42	53620	37.876	ng	# 87
6) Aniline	7.37	93	82977	17.292	ng	94
8) 2-Chlorophenol	7.61	128	120245	47.646	ng	94
9) Benzaldehyde	7.18	77	65460	28.817	ng	97
10) Phenol	7.23	94	179728	48.051	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	120767	41.228	ng	91
12) 1,3-Dichlorobenzene	7.93	146	133323	43.747	ng	97
13) 1,4-Dichlorobenzene	8.07	146	135922	43.895	ng	97
14) 1,2-Dichlorobenzene	8.39	146	125421	42.162	ng	96
15) Benzyl Alcohol	8.28	79	141463	42.077	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	133627	54.413	ng	78
17) 2-Methylphenol	8.48	107	116811	45.933	ng	# 86
18) Hexachloroethane	9.12	117	50340	42.518	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	113947	36.550	ng	# 83
20) 3+4-Methylphenols	8.81	107	164345	46.584	ng	92
22) Acetophenone	8.86	105	201665	42.009	ng	# 91
24) Nitrobenzene	9.24	77	167242	45.002	ng	# 93
25) Isophorone	9.76	82	320649	46.744	ng	98
26) 2-Nitrophenol	9.95	139	70423	53.356	ng	# 94
27) 2,4-Dimethylphenol	10.01	122	129410	57.923	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	172165	45.548	ng	97
29) 2,4-Dichlorophenol	10.49	162	144014	56.469	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	147427	47.143	ng	97
31) Naphthalene	10.89	128	364311	45.305	ng	99
32) Benzoic acid	10.16	122	38407	25.536	ng	99
34) Hexachlorobutadiene	11.17	225	112167	45.997	ng	97
35) Caprolactam	11.78	113	30975	28.302	ng	# 62
36) 4-Chloro-3-methylphenol	12.12	107	176613	51.664	ng	90
37) 2-Methylnaphthalene	12.49	142	288993	48.239	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	196455	46.794	ng	99
40) Hexachlorocyclopentadiene	12.83	237	260905	118.498	ng	90
42) 2,4,6-Trichlorophenol	13.10	196	132750	54.070	ng	96

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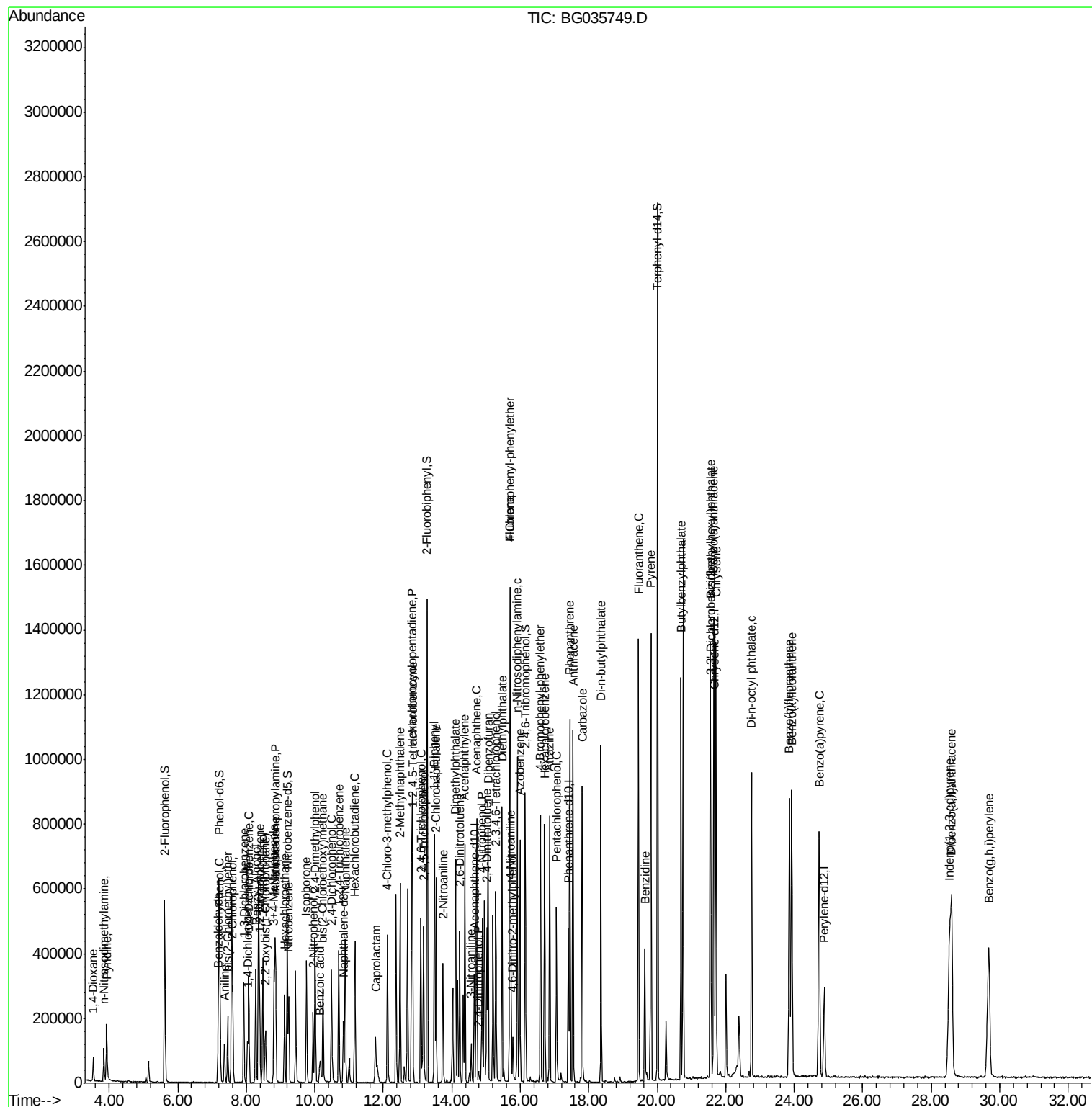
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	140607	51.193	ng	96
45) 1,1'-Biphenyl	13.49	154	406344	47.119	ng	96
46) 2-Chloronaphthalene	13.54	162	320916	47.841	ng	96
47) 2-Nitroaniline	13.74	65	110707	46.683	ng	97
48) Acenaphthylene	14.39	152	528540	47.038	ng	98
49) Dimethylphthalate	14.11	163	448987	46.071	ng	99
50) 2,6-Dinitrotoluene	14.23	165	103721	52.264	ng	93
51) Acenaphthene	14.73	154	307893	43.987	ng	98
52) 3-Nitroaniline	14.57	138	31932	15.743	ng #	96
53) 2,4-Dinitrophenol	14.78	184	13424	18.654	ng #	70
54) Dibenzofuran	15.06	168	514911	46.255	ng	95
55) 4-Nitrophenol	14.88	139	136590	94.557	ng #	88
56) 2,4-Dinitrotoluene	15.02	165	144662	50.810	ng #	89
57) Fluorene	15.71	166	431759	46.275	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141368	53.682	ng	93
59) Diethylphthalate	15.47	149	448326	44.739	ng	97
60) 4-Chlorophenyl-phenylether	15.70	204	253911	46.302	ng	97
61) 4-Nitroaniline	15.73	138	98348	46.352	ng #	81
62) Azobenzene	15.99	77	446797	45.202	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	35712	21.353	ng	91
65) n-Nitrosodiphenylamine	15.91	169	386804	45.231	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	172351	49.446	ng	98
67) Hexachlorobenzene	16.71	284	174979	48.746	ng	93
68) Atrazine	16.86	200	179641	51.020	ng	98
69) Pentachlorophenol	17.06	266	101973	46.640	ng	95
70) Phenanthrene	17.45	178	702254	46.843	ng	98
71) Anthracene	17.54	178	714417	47.859	ng	99
72) Carbazole	17.81	167	652981	46.061	ng	98
73) Di-n-butylphthalate	18.36	149	736536	43.965	ng #	98
74) Fluoranthene	19.45	202	925292	45.821	ng	98
76) Benzidine	19.64	184	284737	33.292	ng	97
77) Pyrene	19.81	202	916116	44.536	ng	96
79) Butylbenzylphthalate	20.69	149	349481	47.509	ng #	97
80) Benzo(a)anthracene	21.65	228	946590	46.692	ng	99
81) 3,3'-Dichlorobenzidine	21.56	252	167944	23.758	ng	97
82) Chrysene	21.72	228	883876	47.048	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	486032	48.600	ng #	99
84) Di-n-octyl phthalate	22.76	149	824763	49.255	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.54	276	1032303	49.632	ng #	90
87) Benzo(b)fluoranthene	23.86	252	921593	48.226	ng #	96
88) Benzo(k)fluoranthene	23.93	252	857836	45.916	ng #	97
89) Benzo(a)pyrene	24.73	252	880018	49.499	ng #	97
90) Dibenzo(a,h)anthracene	28.60	278	855983	49.042	ng #	95
91) Benzo(g,h,i)perylene	29.68	276	848398	49.673	ng #	92

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

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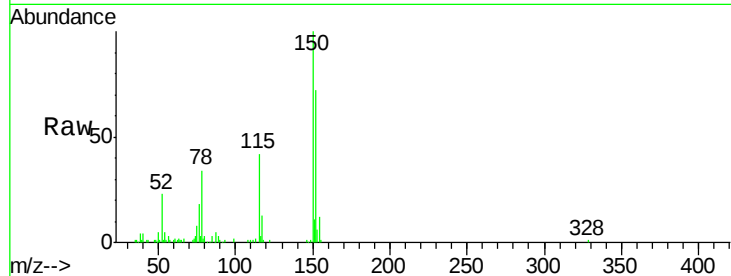


#1

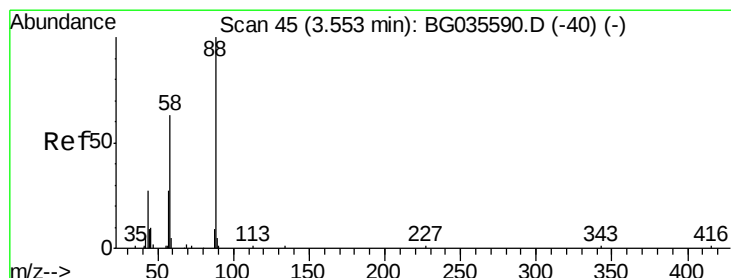
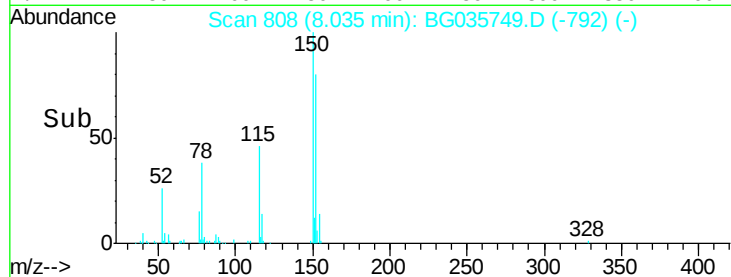
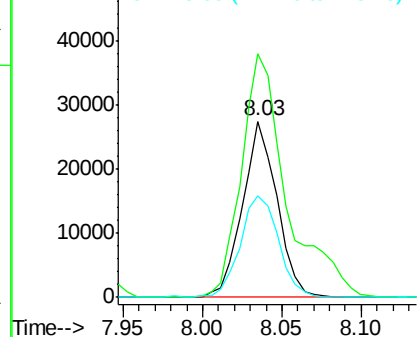
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tgt Ion:152 Resp: 41197
Ion Ratio Lower Upper
152 100
150 138.2 126.6 189.8
115 57.6 53.0 79.4



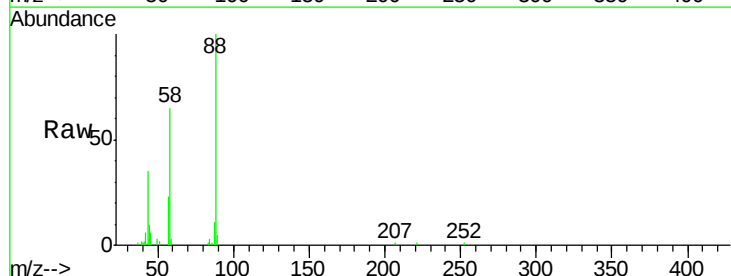
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



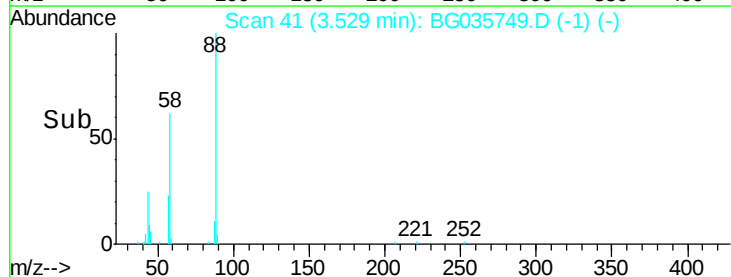
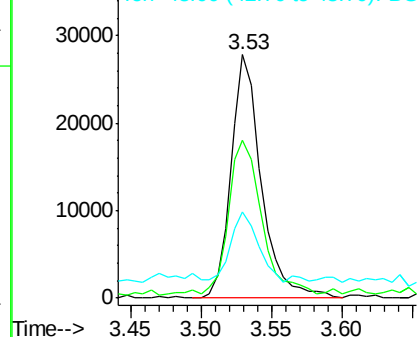
#2

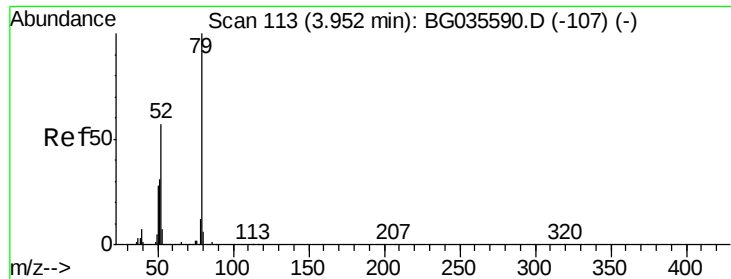
1,4-Dioxane
Concen: 32.840 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 88 Resp: 41475
Ion Ratio Lower Upper
88 100
58 68.1 79.6 119.4#
43 26.2 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: 36.928 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

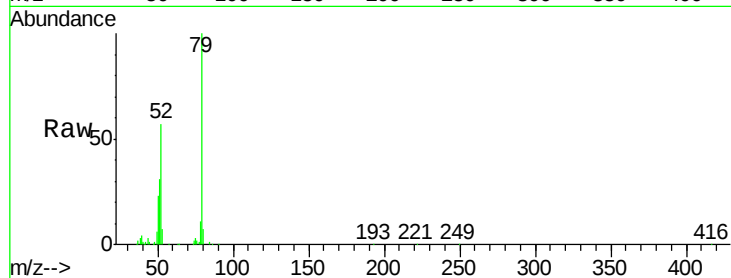
Tgt Ion: 79 Resp: 121755

Ion Ratio Lower Upper

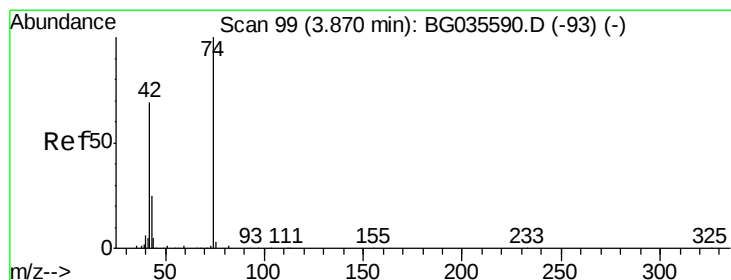
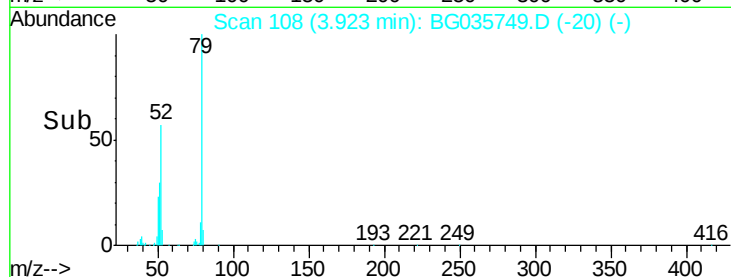
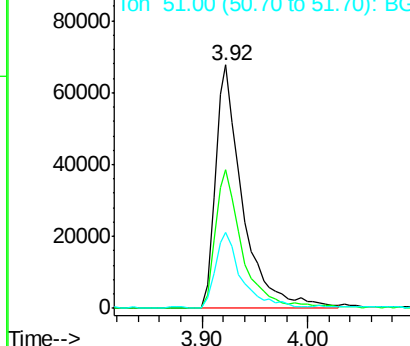
79 100

52 57.1 69.9 104.9#

51 30.9 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: 37.876 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

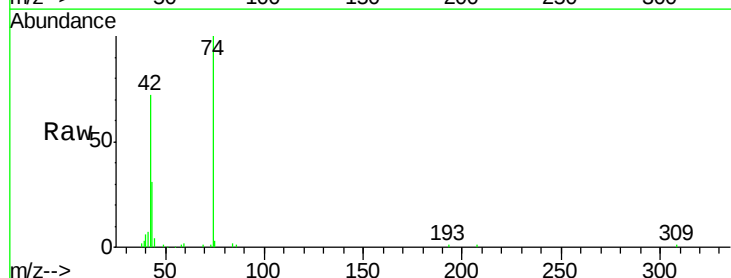
Tgt Ion: 42 Resp: 53620

Ion Ratio Lower Upper

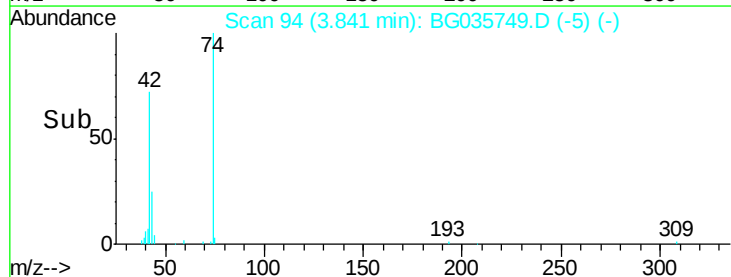
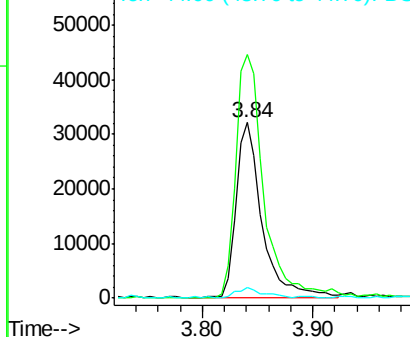
42 100

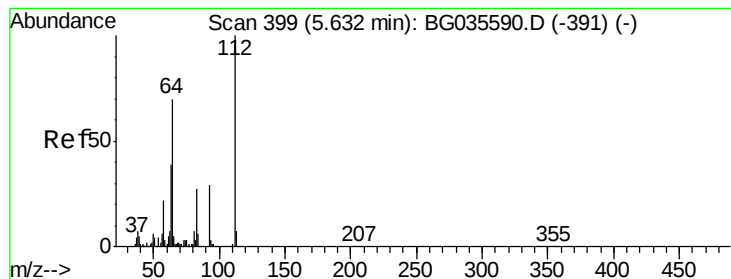
74 138.7 102.5 153.7

44 6.2 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: 101.270 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035749.D

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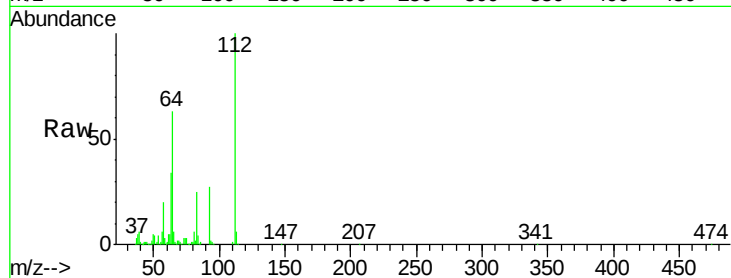
Tgt Ion: 112 Resp: 251292

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

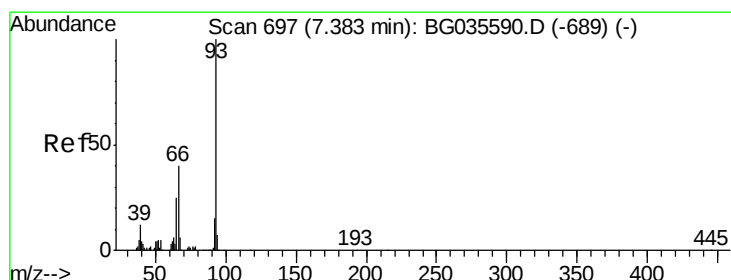
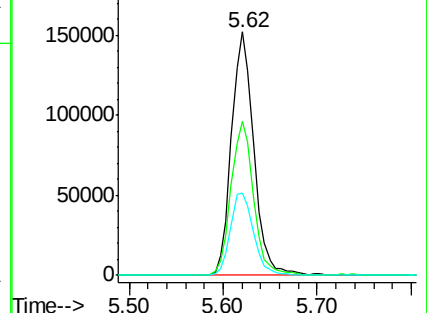
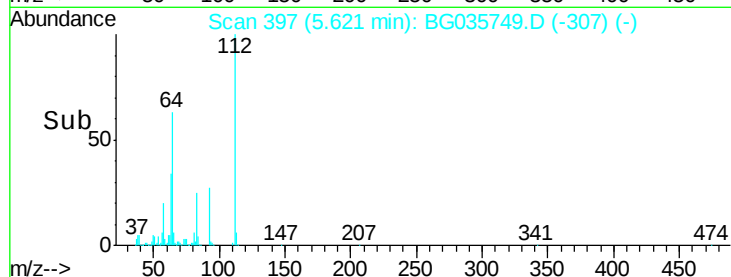
63 33.8 30.1 45.1



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: 17.292 ng

RT: 7.37 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

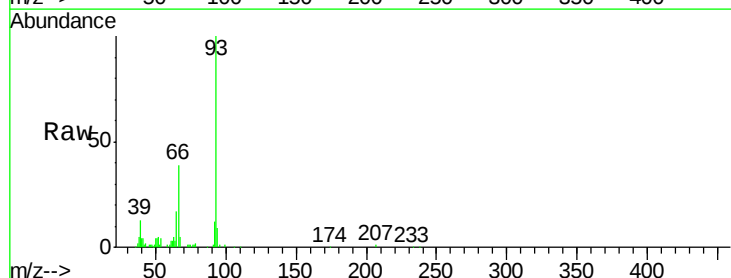
Tgt Ion: 93 Resp: 82977

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

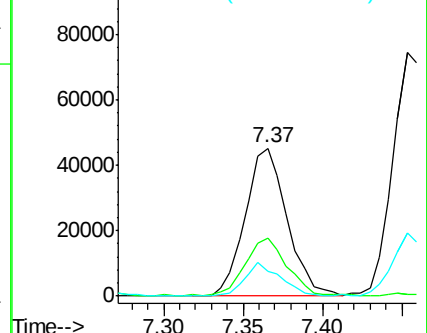
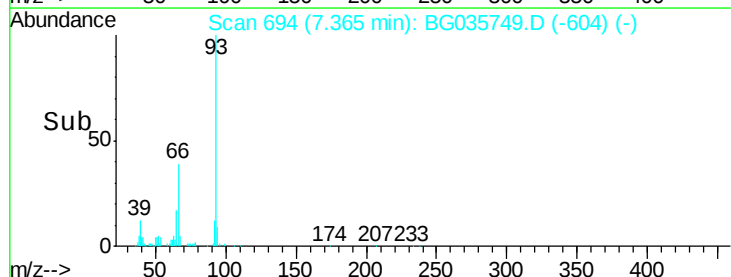
65 16.5 16.1 24.1

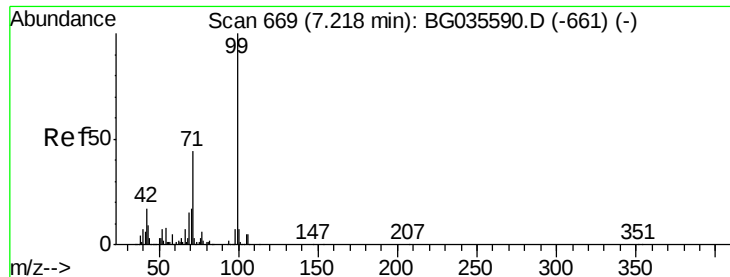


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.422 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

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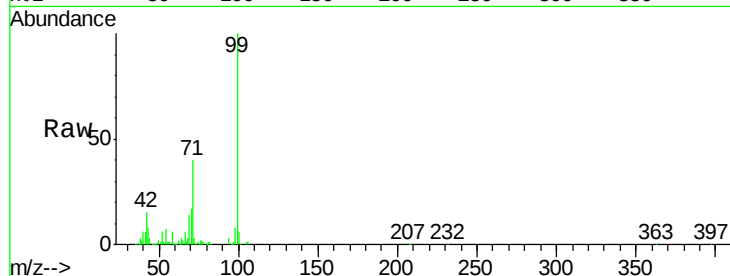
Tgt Ion: 99 Resp: 368083

Ion Ratio Lower Upper

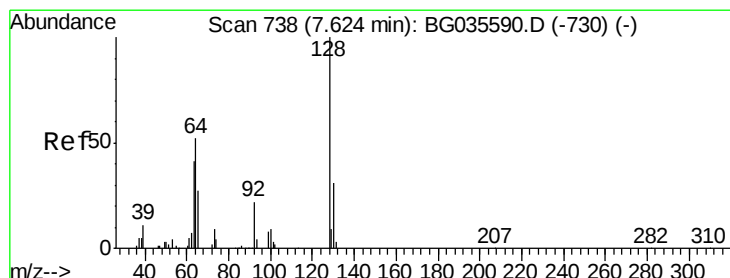
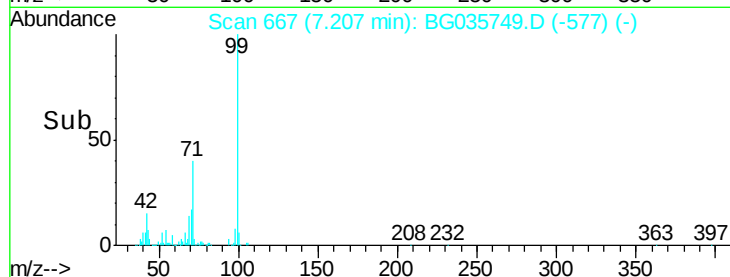
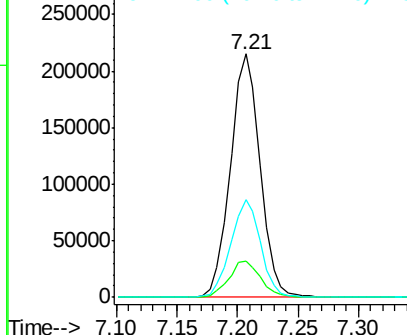
99 100

42 15.0 14.1 21.1

71 40.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.646 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

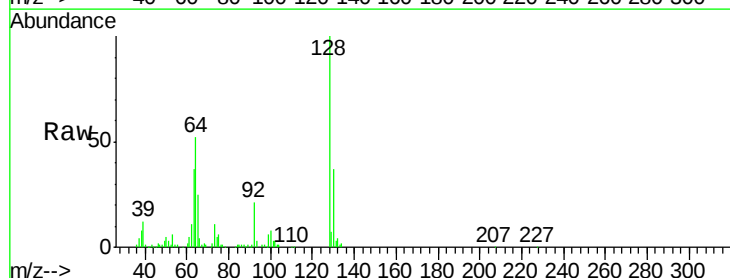
Tgt Ion: 128 Resp: 120245

Ion Ratio Lower Upper

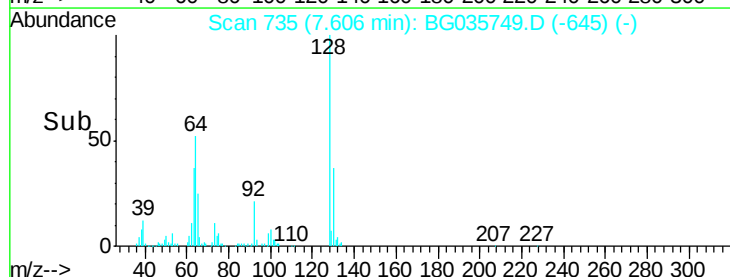
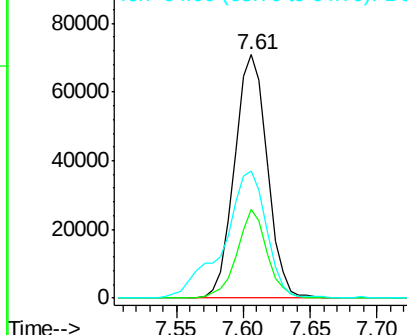
128 100

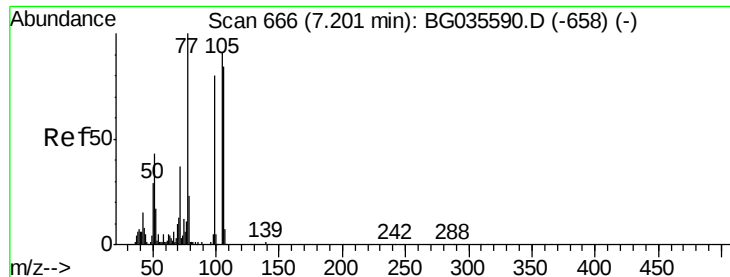
130 36.6 14.0 54.0

64 52.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.817 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

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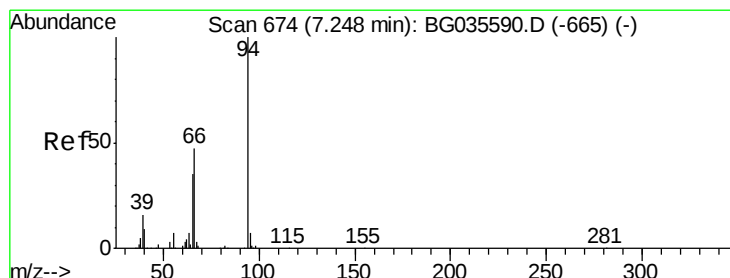
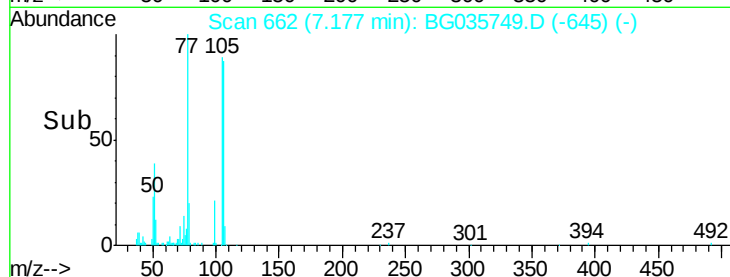
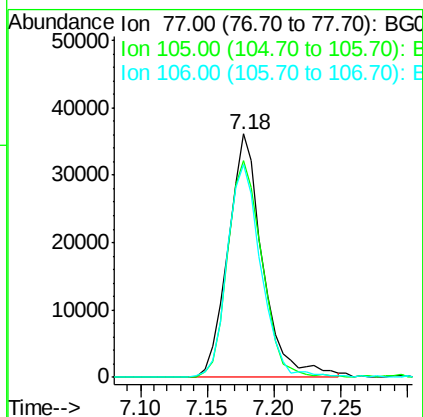
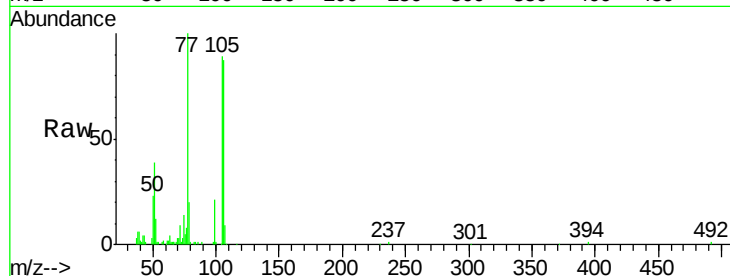
Tgt Ion: 77 Resp: 65460

Ion Ratio Lower Upper

77 100

105 89.1 71.3 111.3

106 87.2 64.2 104.2



#10

Phenol

Concen: 48.051 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

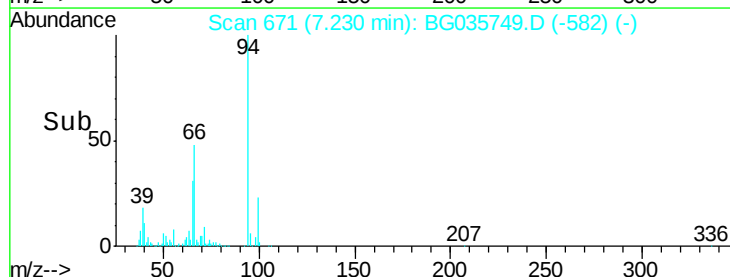
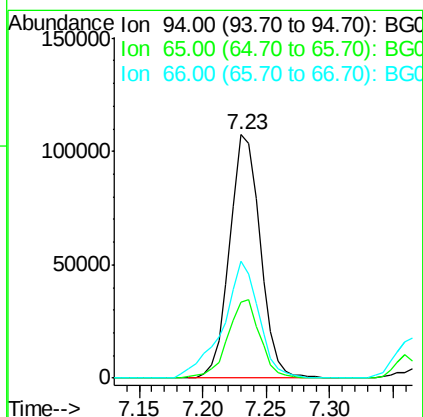
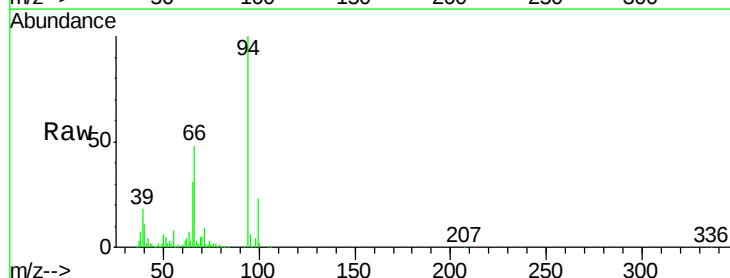
Tgt Ion: 94 Resp: 179728

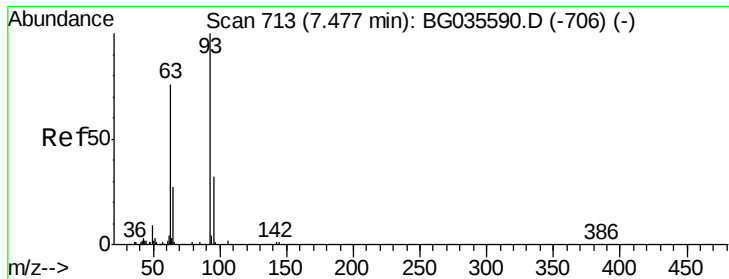
Ion Ratio Lower Upper

94 100

65 31.1 11.9 51.9

66 47.8 22.2 62.2

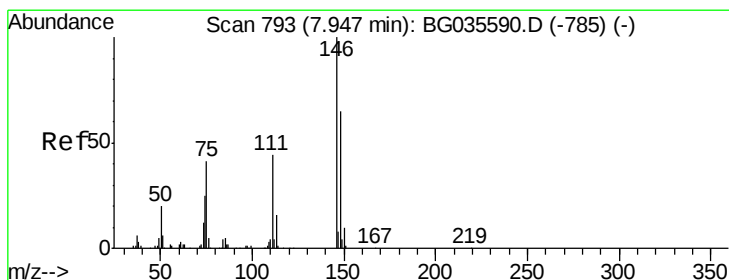
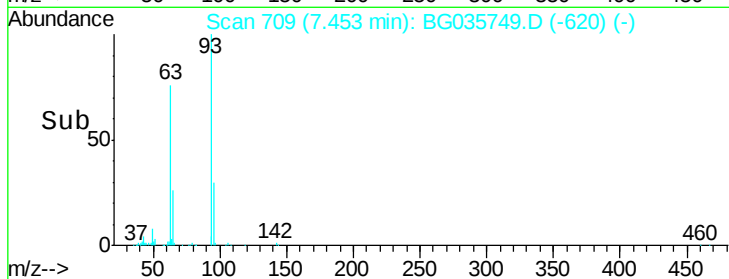
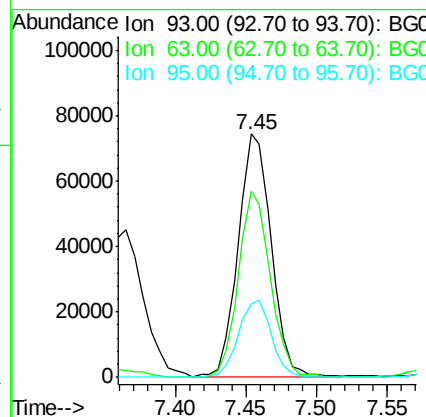
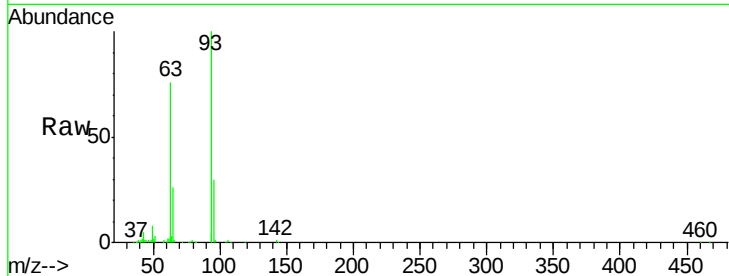




#11
 bis(2-Chloroethyl)ether
 Concen: 41.228 ng
 RT: 7.45 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

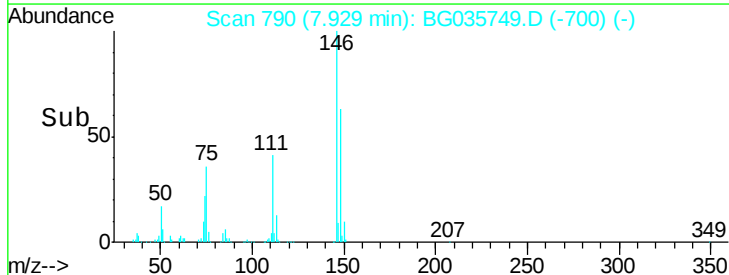
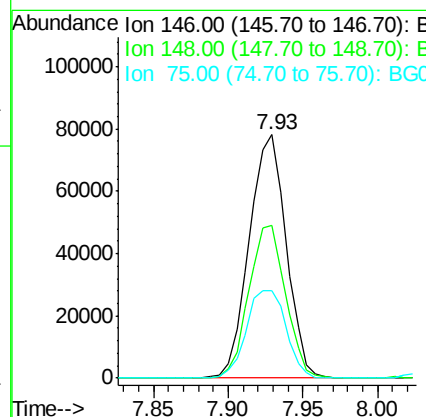
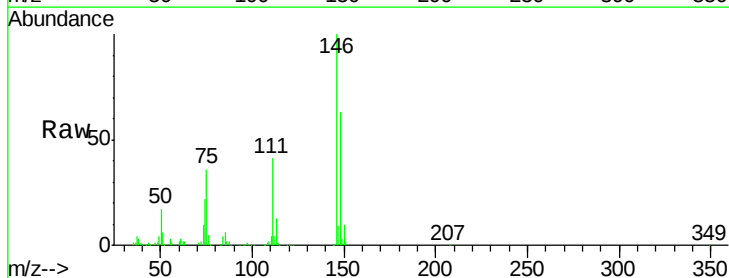
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

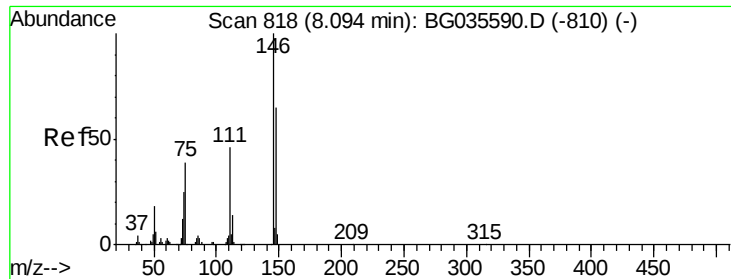
Tgt Ion: 93 Resp: 120767
 Ion Ratio Lower Upper
 93 100
 63 76.1 67.1 107.1
 95 30.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.747 ng
 RT: 7.93 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion: 146 Resp: 133323
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 75 35.7 26.6 39.8

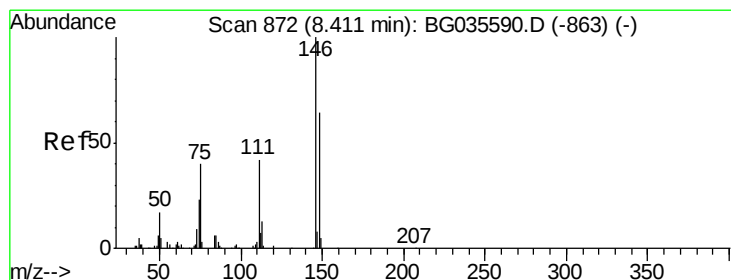
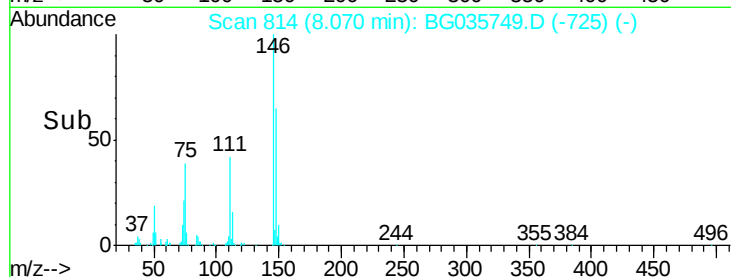
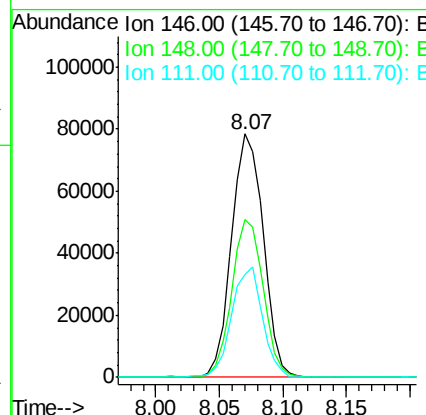
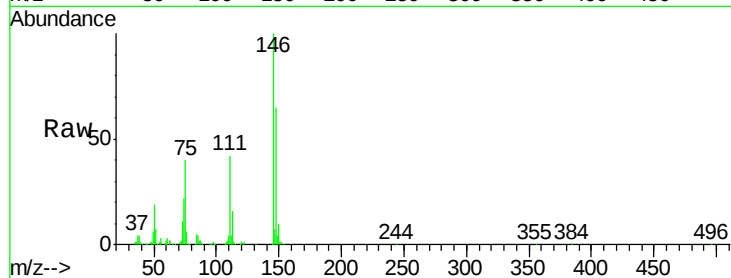




#13
 1,4-Dichlorobenzene
 Concen: 43.895 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

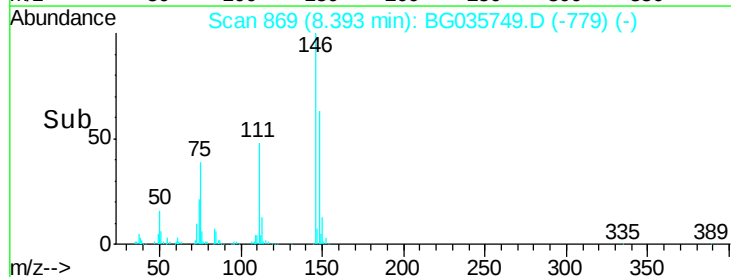
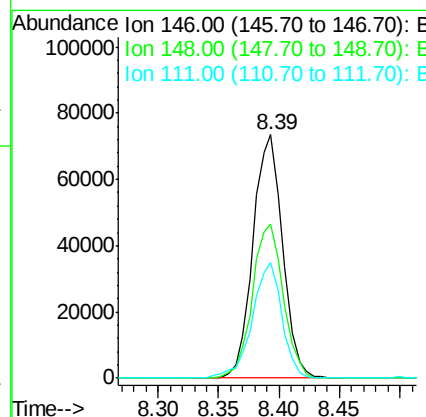
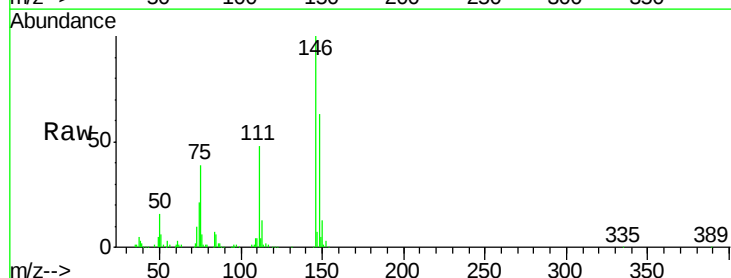
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

Tgt Ion:146 Resp: 135922
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.7 80.5
 111 42.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.162 ng
 RT: 8.39 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:146 Resp: 125421
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 47.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.077 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

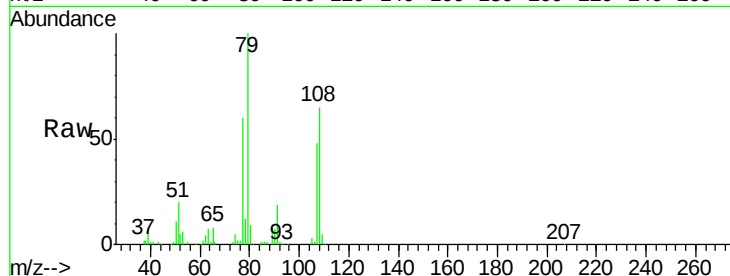
Tgt Ion: 79 Resp: 141463

Ion Ratio Lower Upper

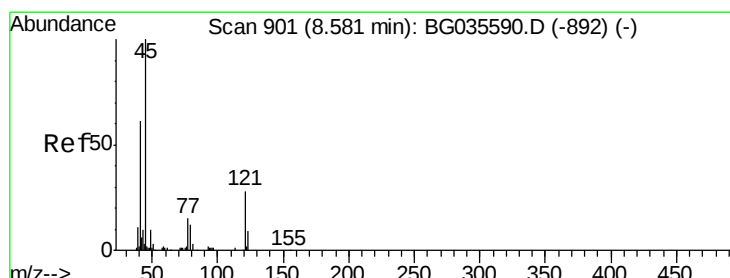
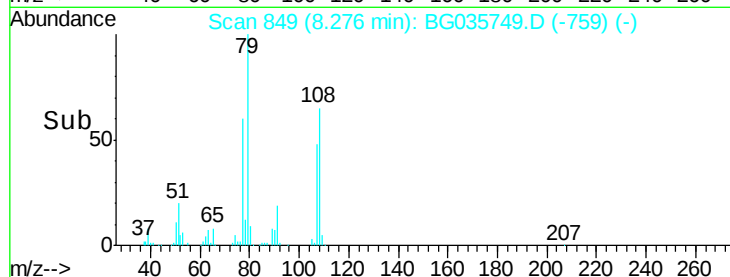
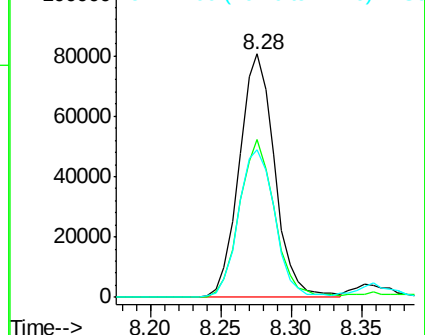
79 100

108 64.8 57.2 85.8

77 60.4 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: 54.413 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

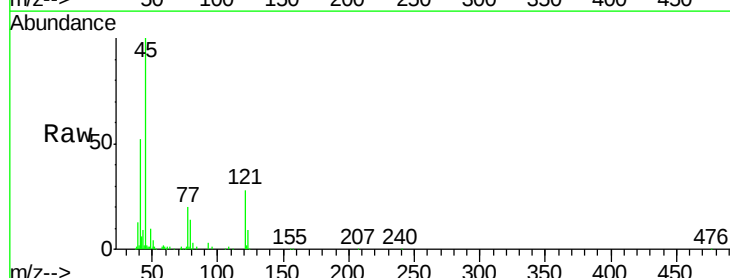
Tgt Ion: 45 Resp: 133627

Ion Ratio Lower Upper

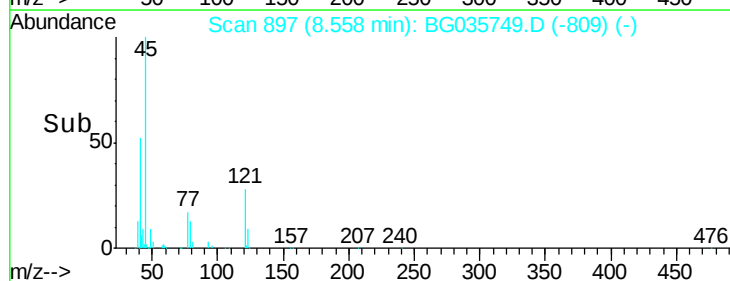
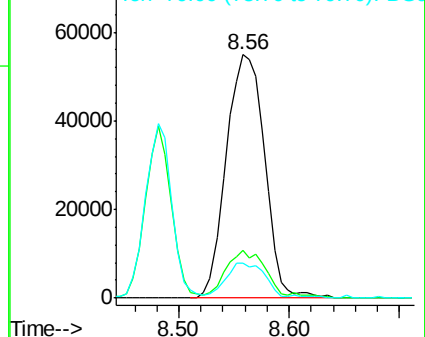
45 100

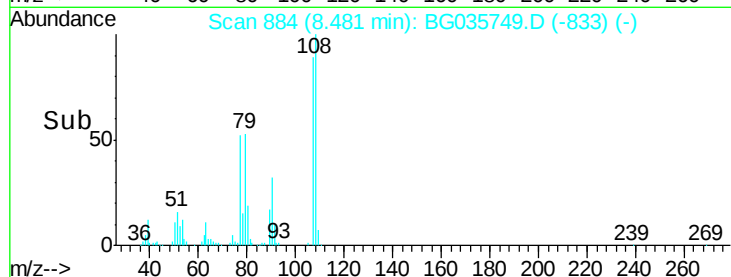
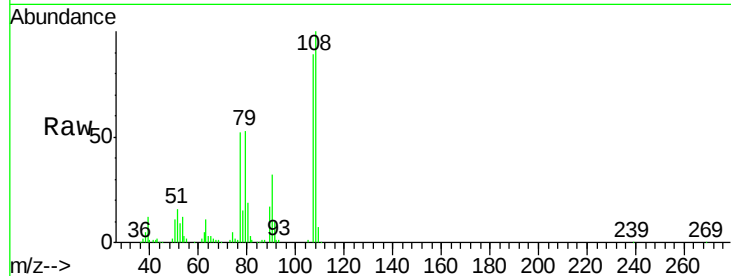
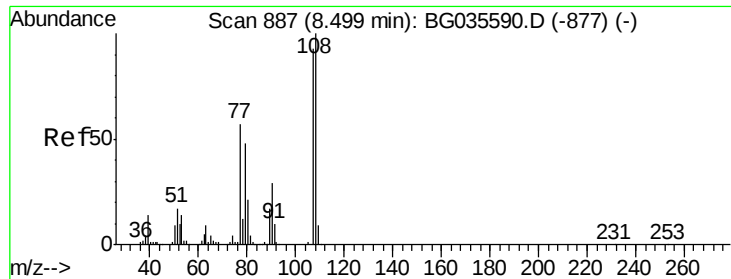
77 19.6 0.0 30.2

79 14.4 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

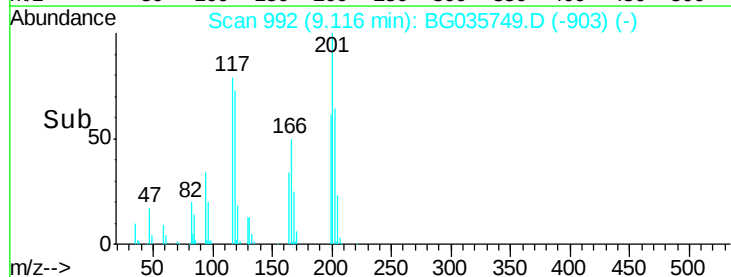
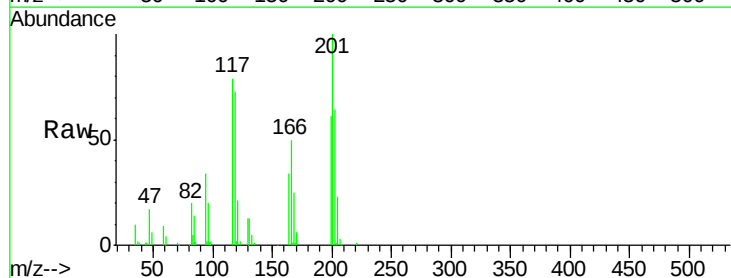
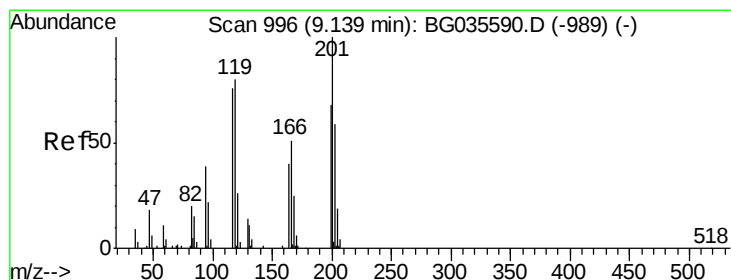
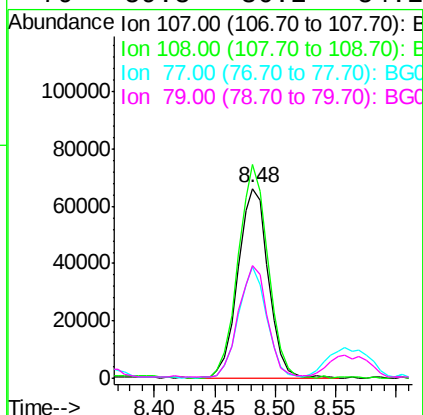




#17
2-Methylphenol
Concen: 45.933 ng
RT: 8.48 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

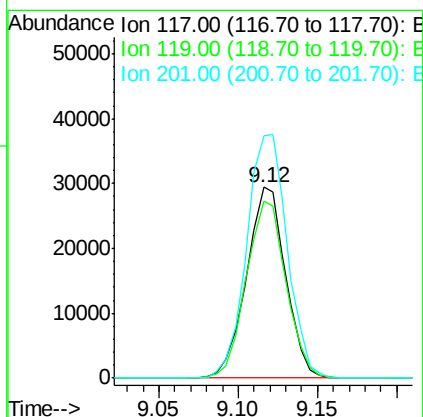
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

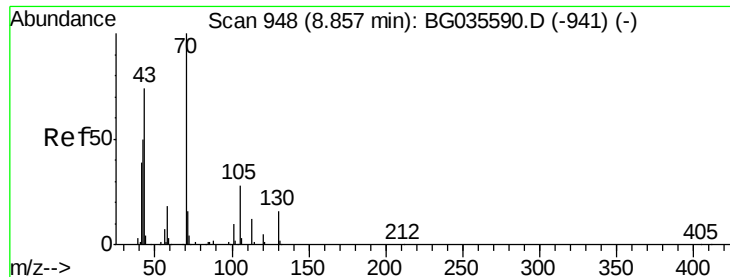
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	83.9	125.9
77	58.7	37.2	55.8#
79	59.8	36.2	54.2#



#18
Hexachloroethane
Concen: 42.518 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.7	115.1
201	127.2	95.7	143.5

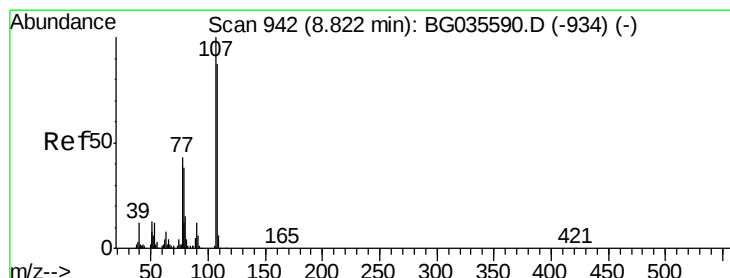
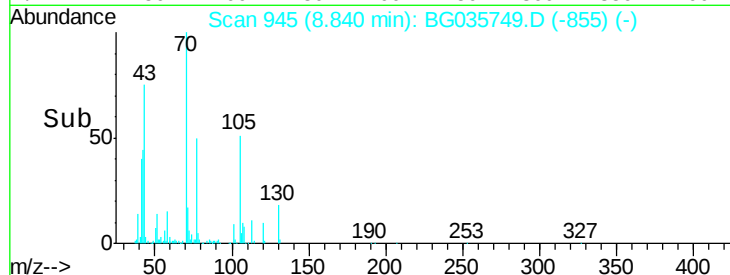
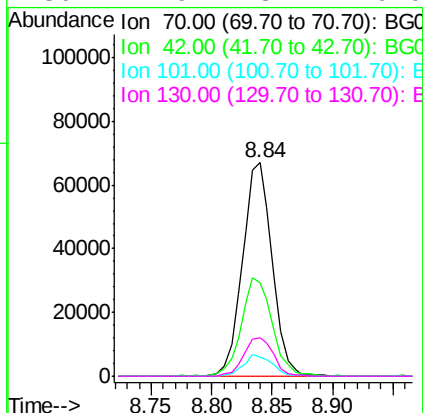
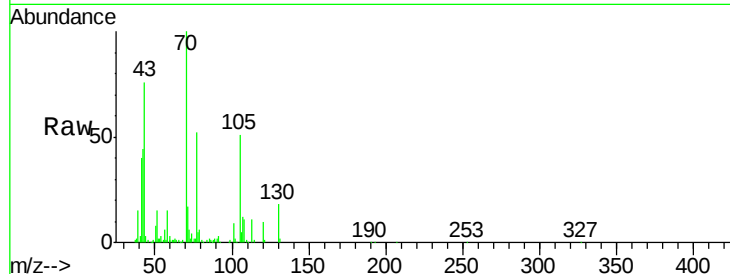




#19
n-Nitroso-di-n-propylamine
Concen: 36.550 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

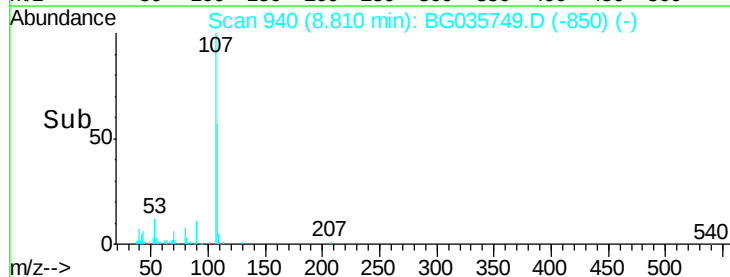
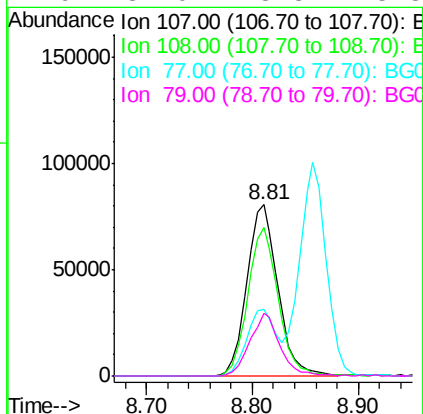
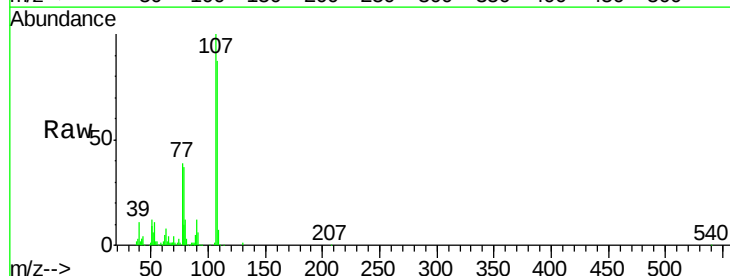
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

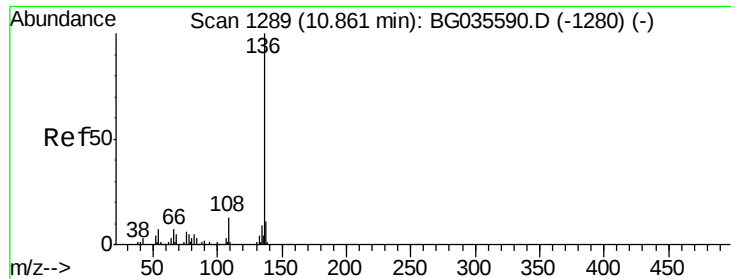
Tgt Ion: 70 Resp: 113947
Ion Ratio Lower Upper
70 100
42 43.8 49.1 73.7#
101 8.9 8.5 12.7
130 17.9 13.4 20.0



#20
3+4-Methylphenols
Concen: 46.584 ng
RT: 8.81 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 107 Resp: 164345
Ion Ratio Lower Upper
107 100
108 87.0 61.6 101.6
77 38.6 13.9 53.9
79 37.0 8.8 48.8

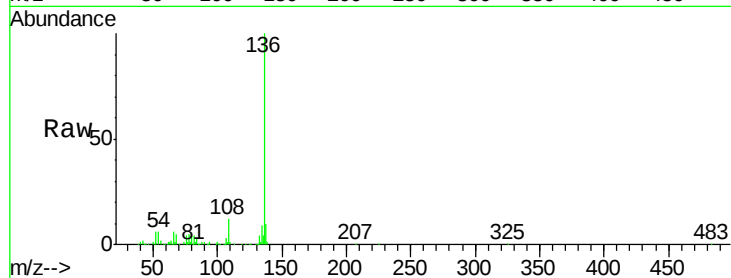




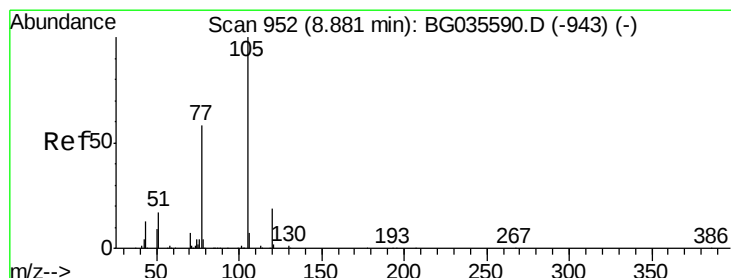
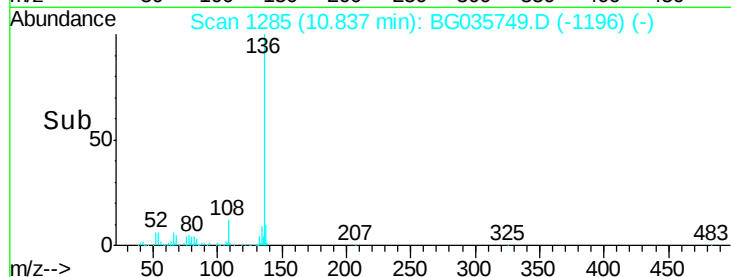
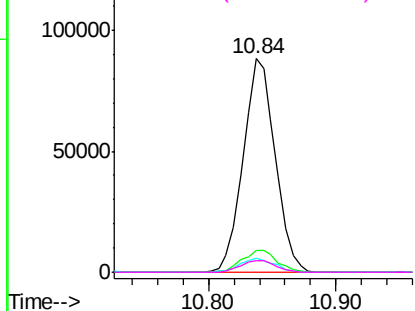
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tgt Ion:	136	Resp:	154370
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.4	10.3	15.5#
68	5.3	4.5	6.7

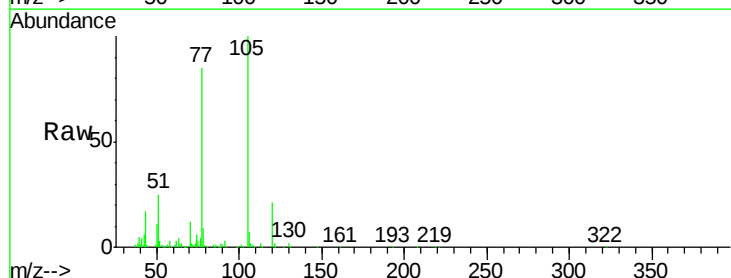


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

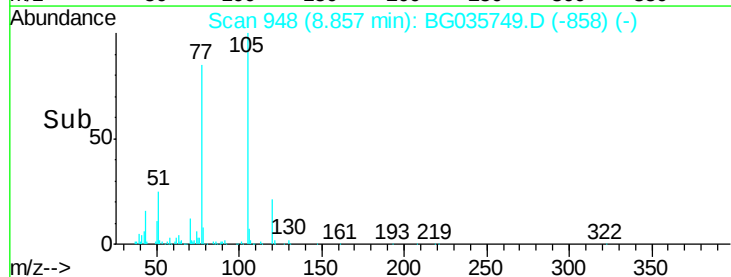
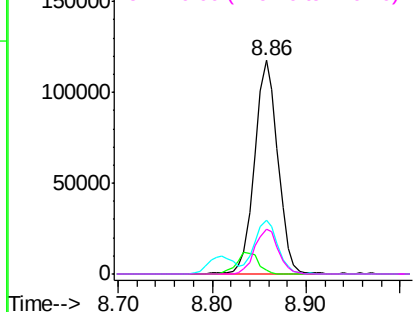


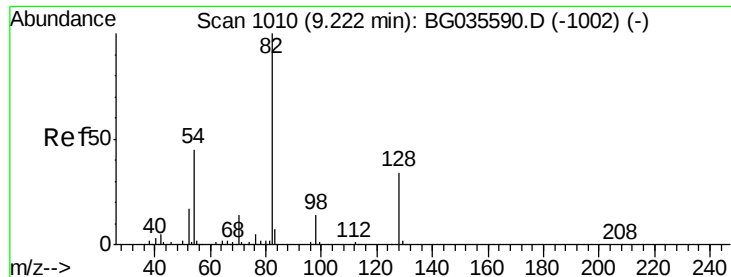
#22
Acetophenone
Concen: 42.009 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:	105	Resp:	201665
Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.0	4.4#
51	25.3	26.1	39.1#
120	20.7	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

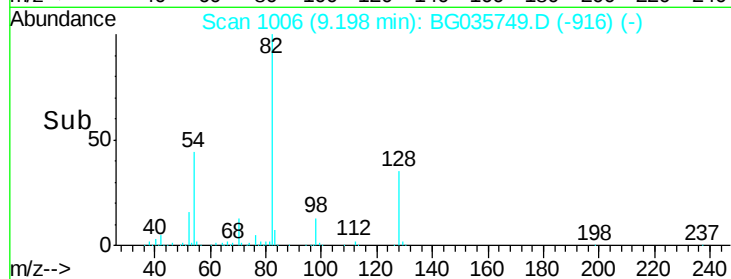
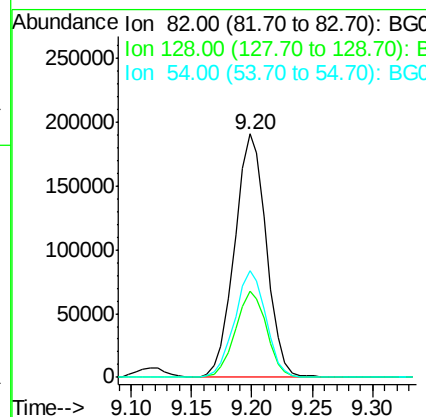
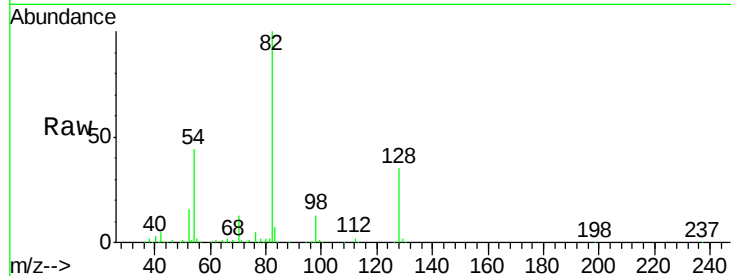




#23
 Nitrobenzene-d5
 Concen: 94.082 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

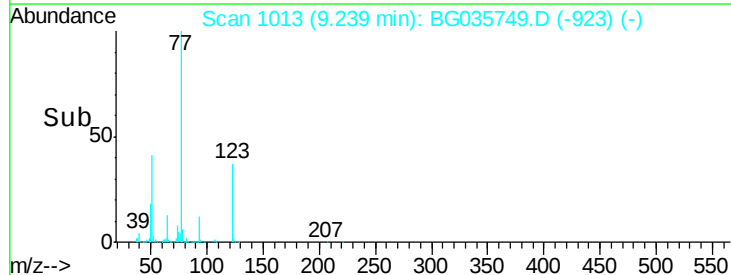
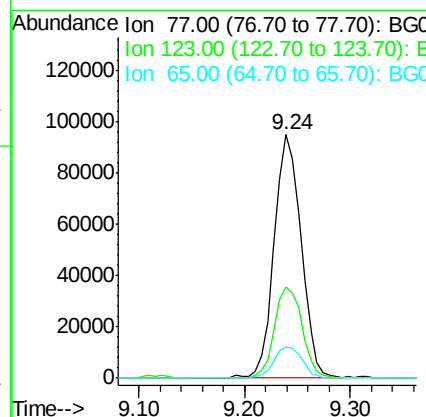
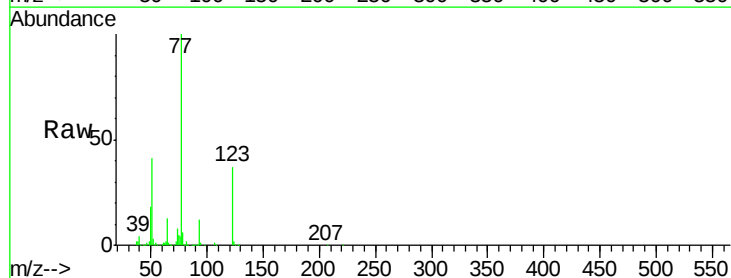
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	43.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.002 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 46.744 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

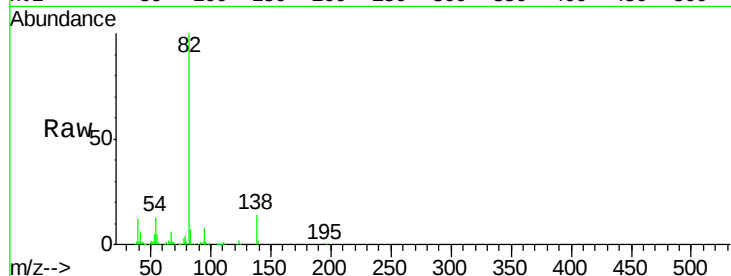
Tgt Ion: 82 Resp: 320649

Ion Ratio Lower Upper

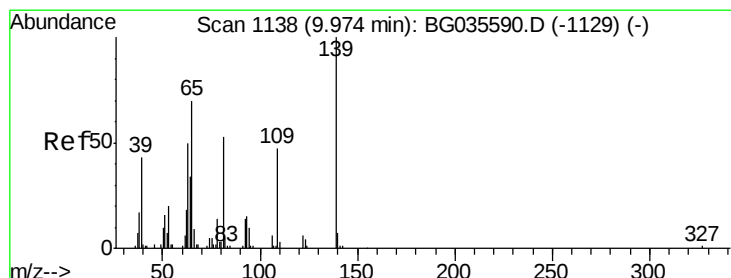
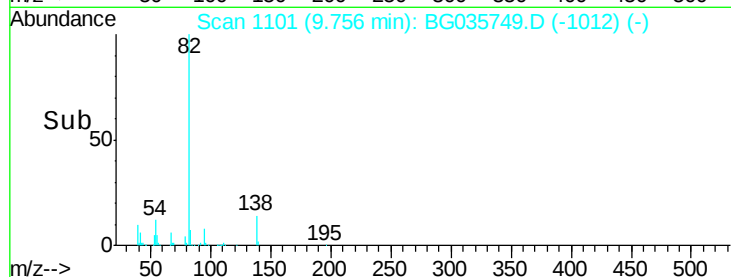
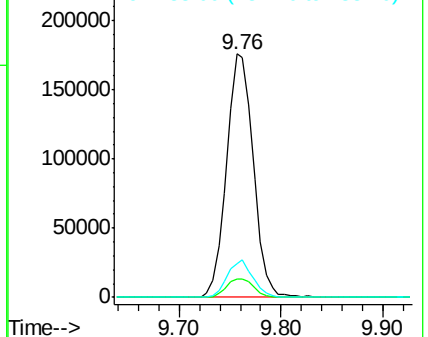
82 100

95 7.7 6.2 9.2

138 14.1 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.356 ng

RT: 9.95 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

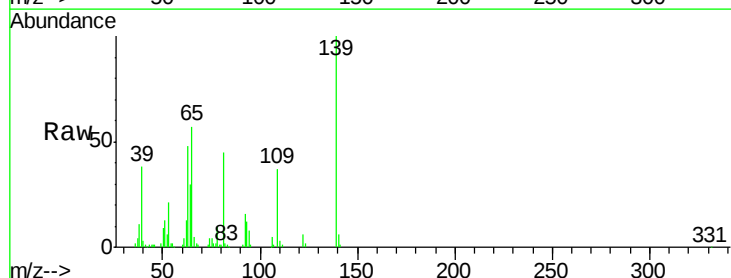
Tgt Ion: 139 Resp: 70423

Ion Ratio Lower Upper

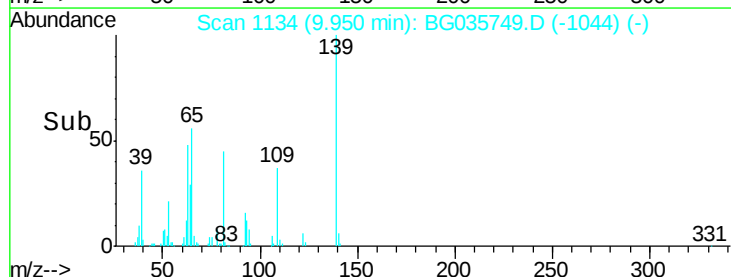
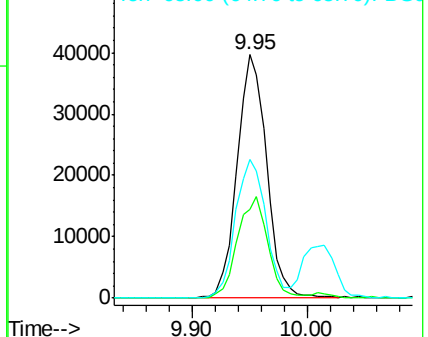
139 100

109 36.5 24.2 36.2#

65 56.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

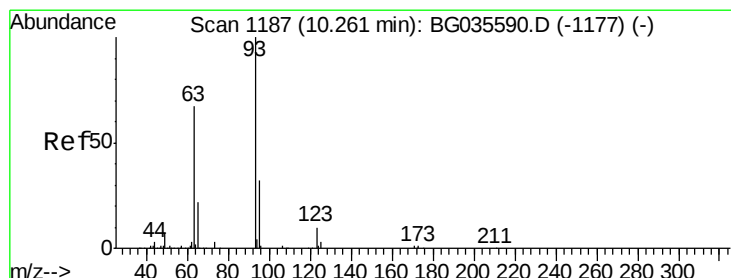
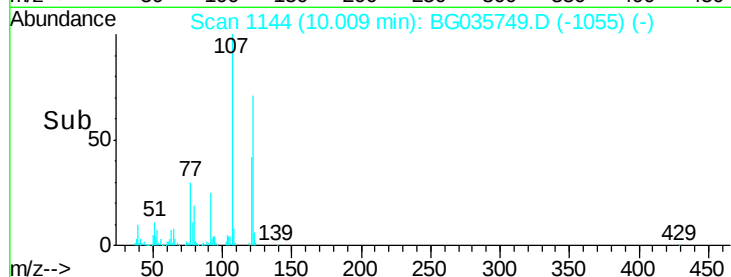
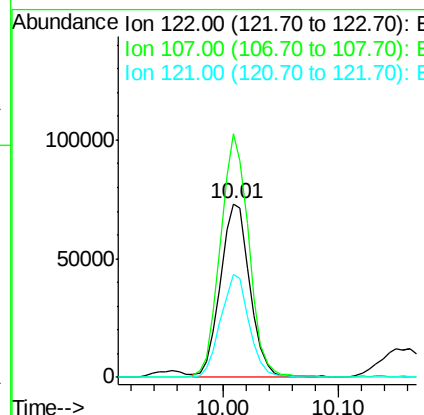
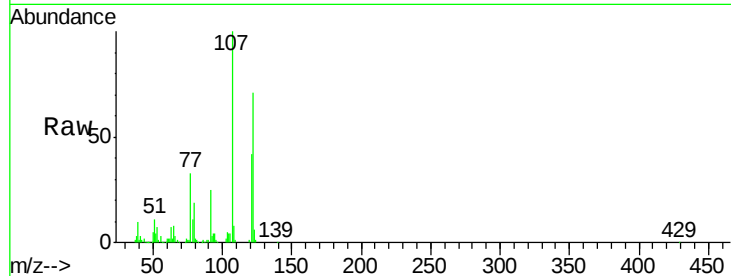




#27
2,4-Dimethylphenol
Concen: 57.923 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

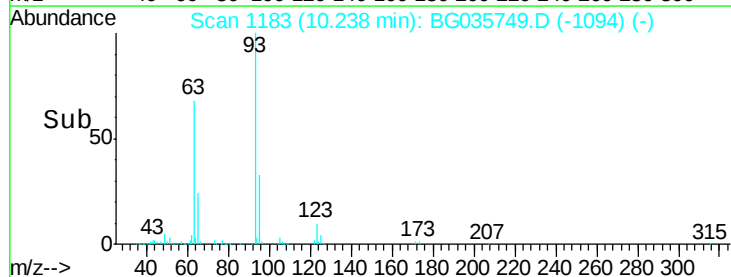
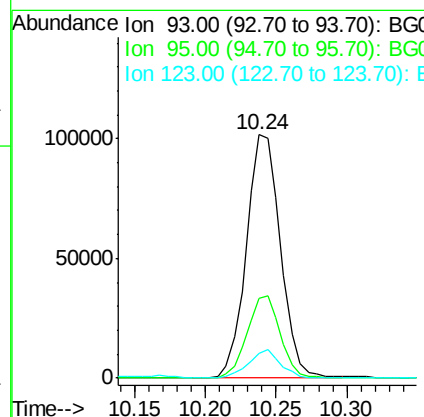
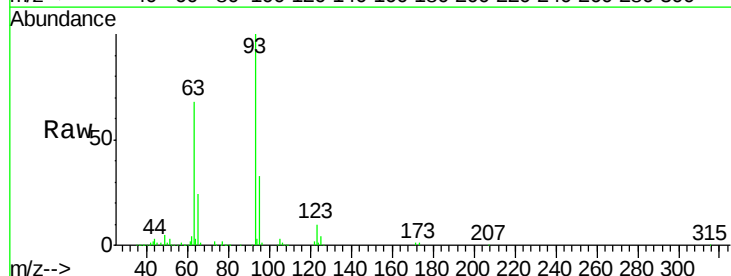
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

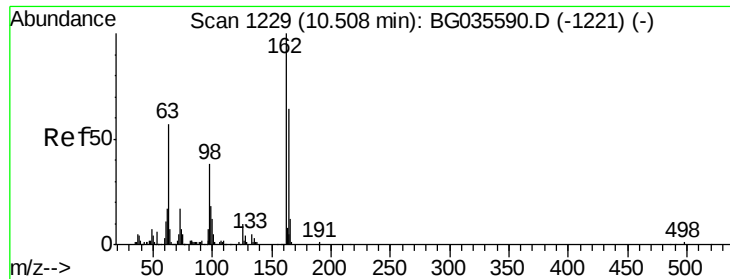
Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.3	100.2	150.2
121	58.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.548 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	10.2	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 56.469 ng

RT: 10.49 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

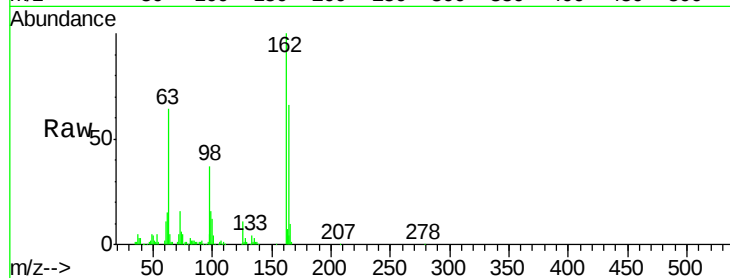
Tgt Ion:162 Resp: 144014

Ion Ratio Lower Upper

162 100

164 66.2 48.0 88.0

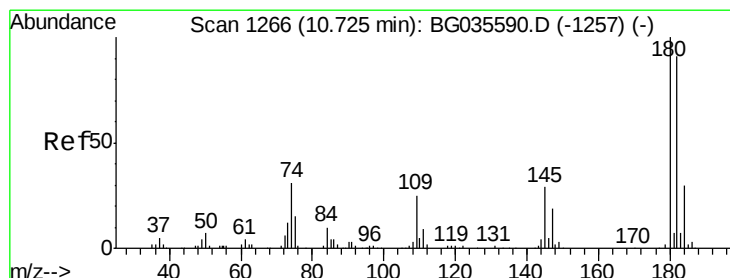
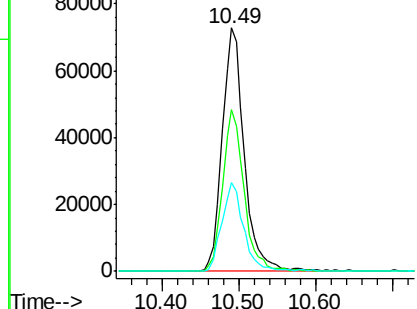
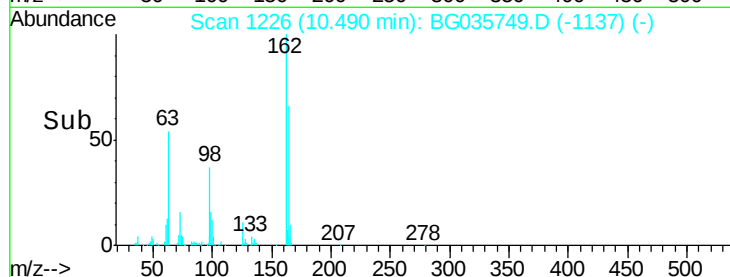
98 36.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.143 ng

RT: 10.70 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

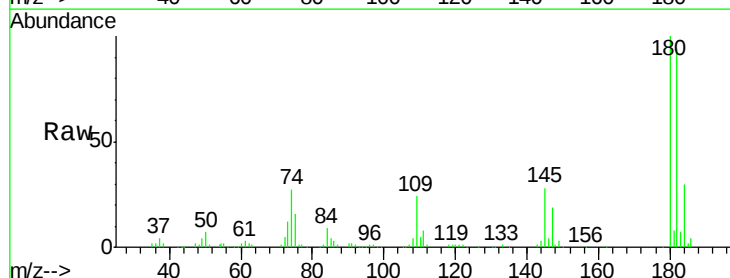
Tgt Ion:180 Resp: 147427

Ion Ratio Lower Upper

180 100

182 93.9 77.5 116.3

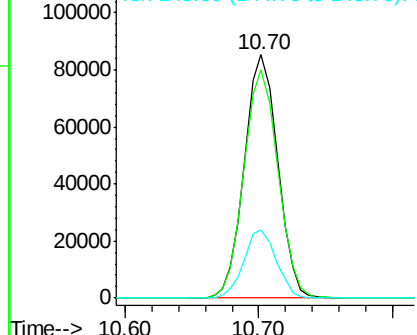
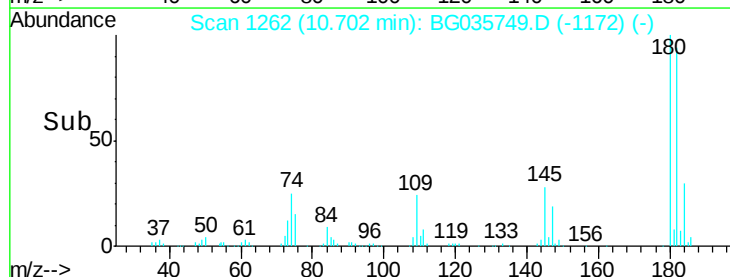
145 28.3 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

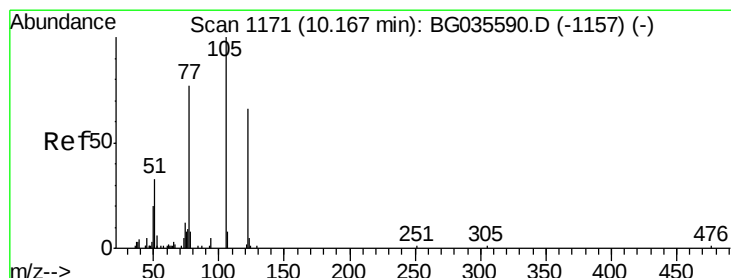
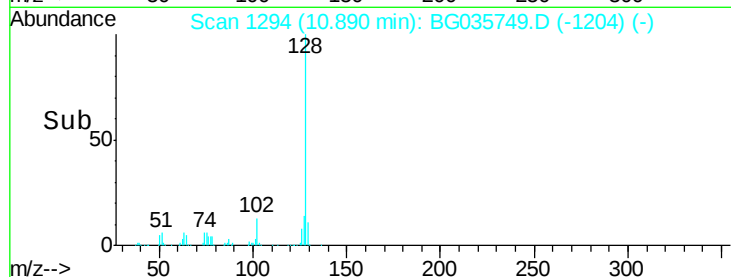
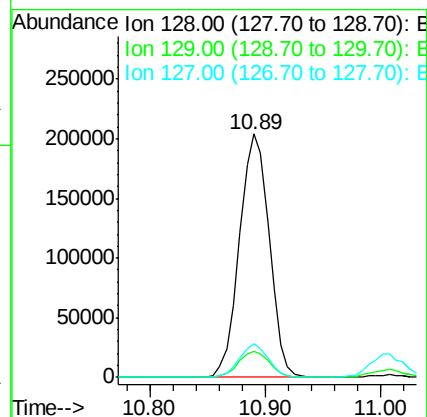
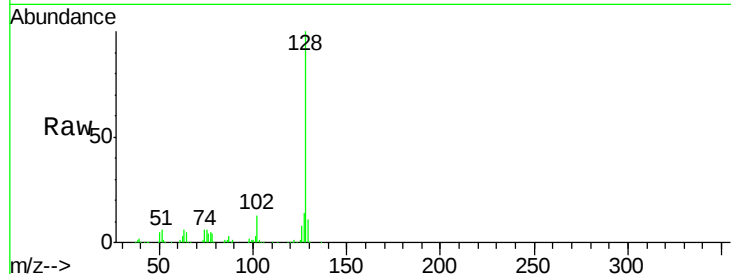




#31
Naphthalene
Concen: 45.305 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

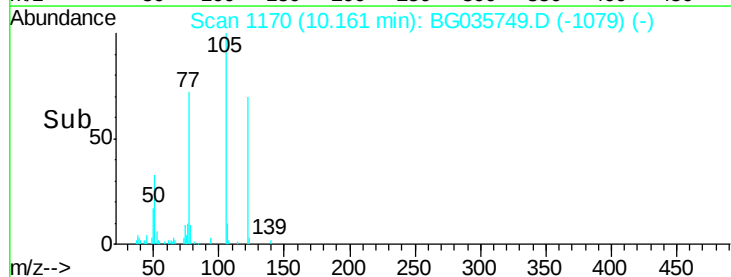
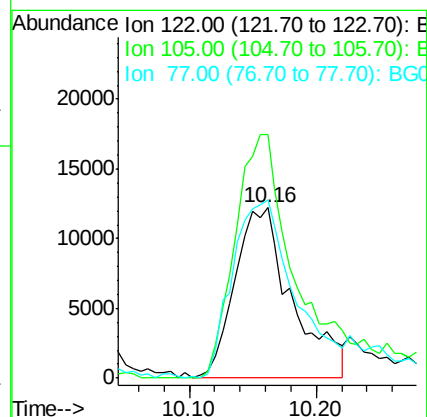
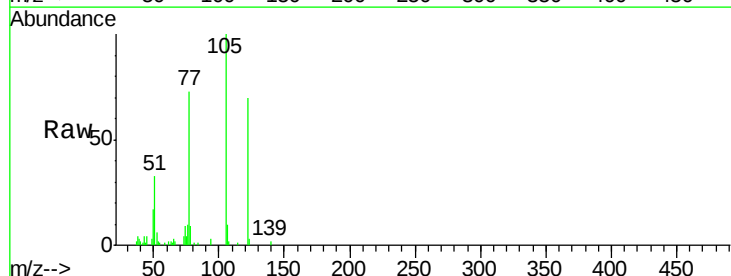
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

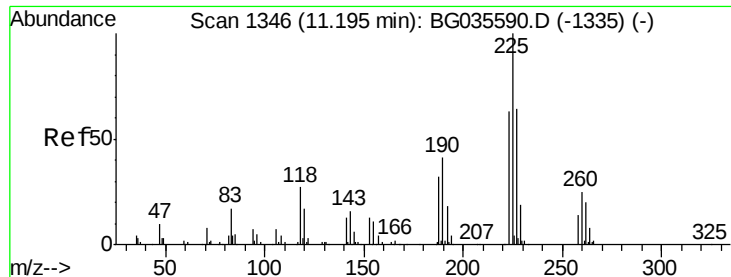
Tgt Ion:128 Resp: 364311
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 25.536 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:122 Resp: 38407
Ion Ratio Lower Upper
122 100
105 143.0 123.5 163.5
77 104.9 85.7 125.7

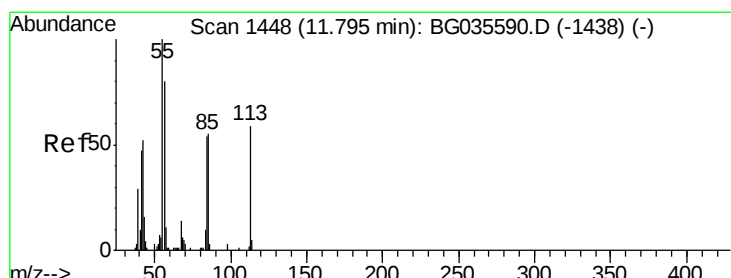
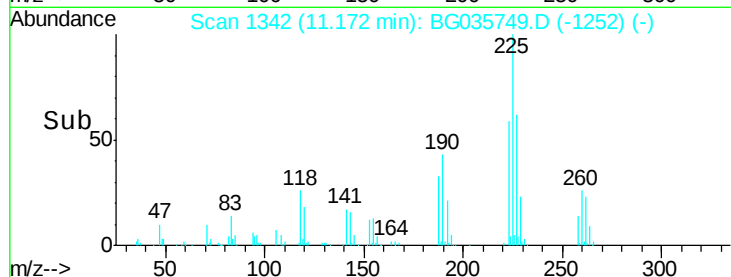
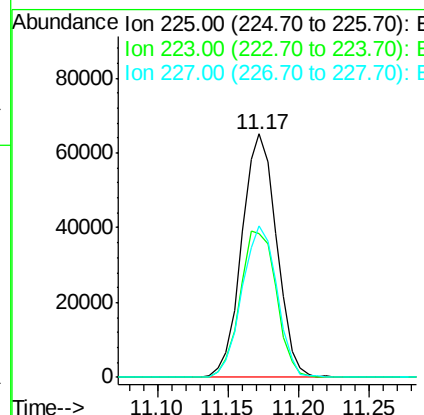
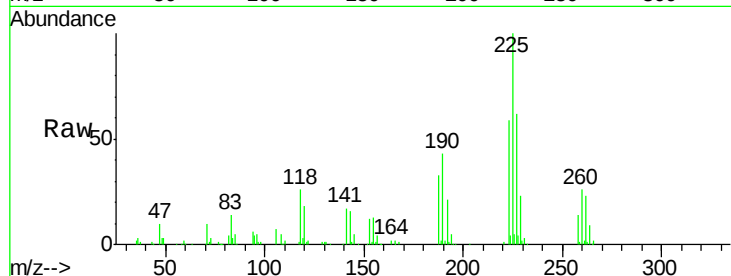




#34
Hexachlorobutadiene
Concen: 45.997 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

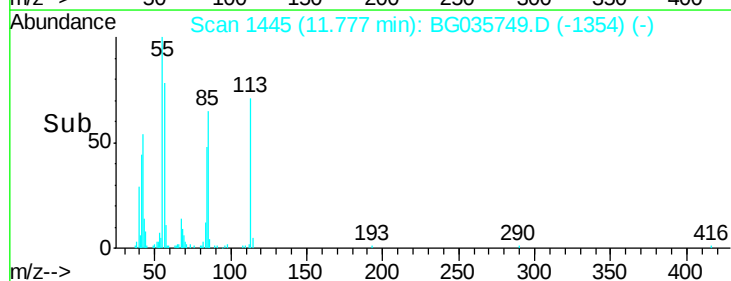
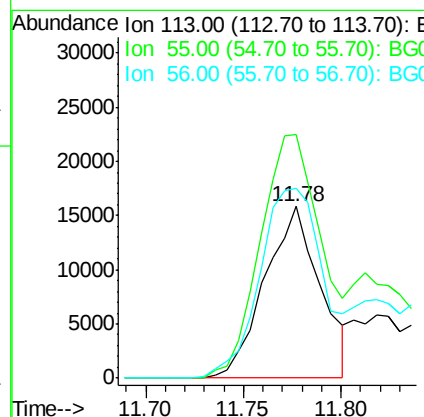
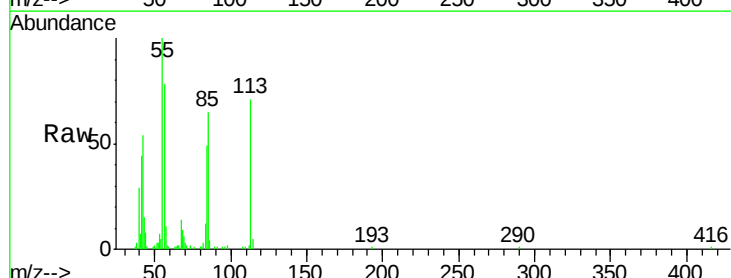
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

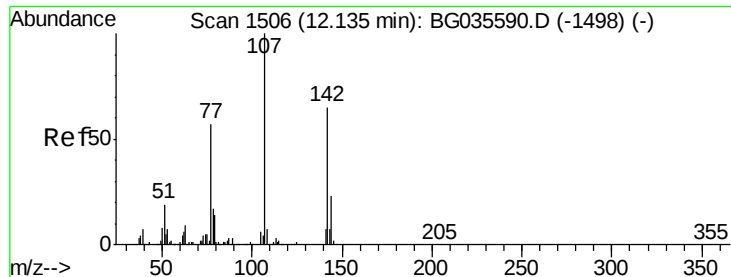
Tgt Ion: 225 Resp: 112167
Ion Ratio Lower Upper
225 100
223 58.9 49.7 74.5
227 62.0 48.1 72.1



#35
Caprolactam
Concen: 28.302 ng
RT: 11.78 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 113 Resp: 30975
Ion Ratio Lower Upper
113 100
55 141.8 186.9 226.9#
56 110.3 130.9 170.9#

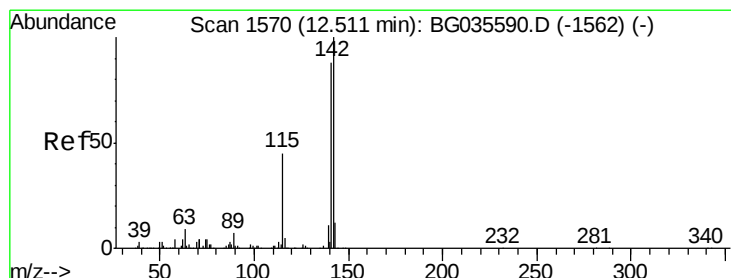
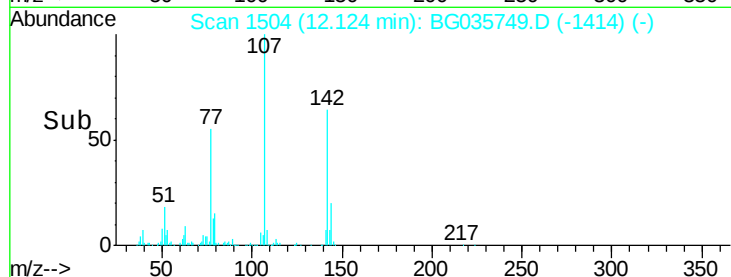
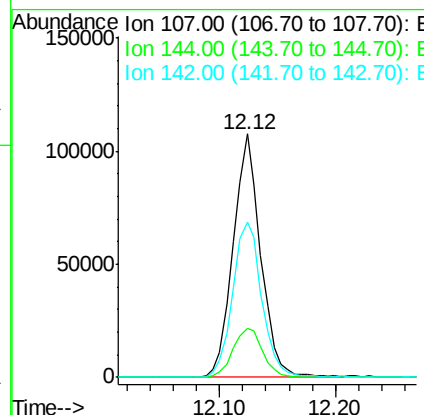
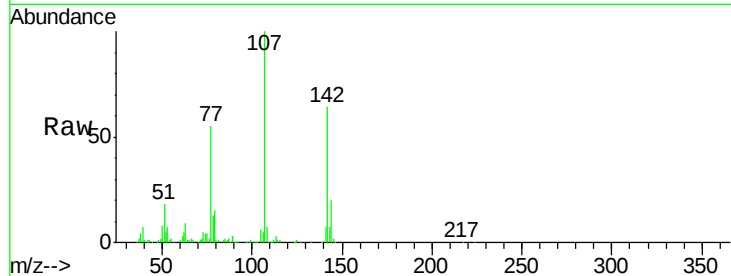




#36
 4-Chloro-3-methylphenol
 Concen: 51.664 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

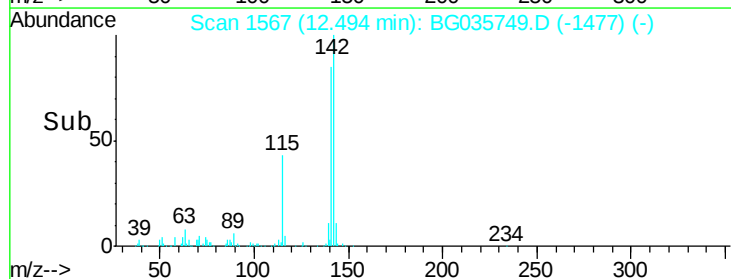
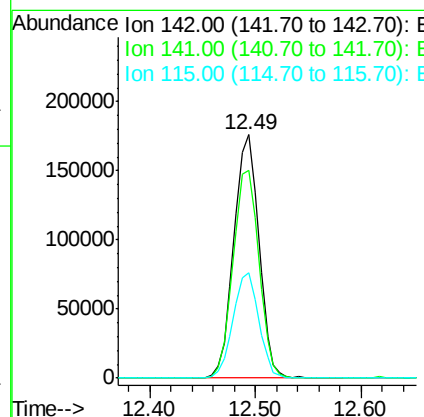
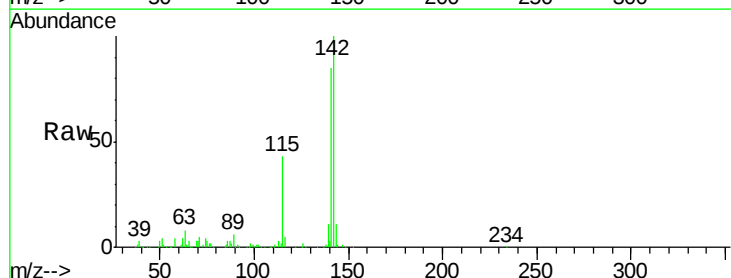
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

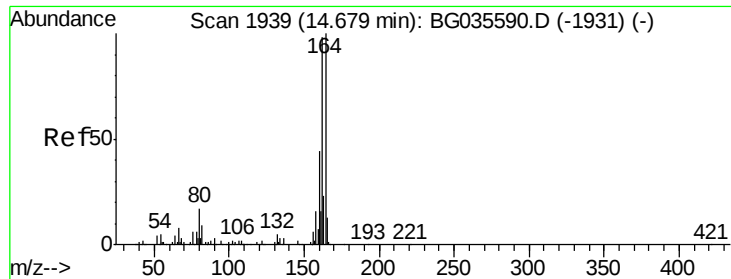
Tgt Ion:107 Resp: 176613
 Ion Ratio Lower Upper
 107 100
 144 20.4 18.2 27.4
 142 63.9 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 48.239 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:142 Resp: 288993
 Ion Ratio Lower Upper
 142 100
 141 85.5 67.1 100.7
 115 43.1 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

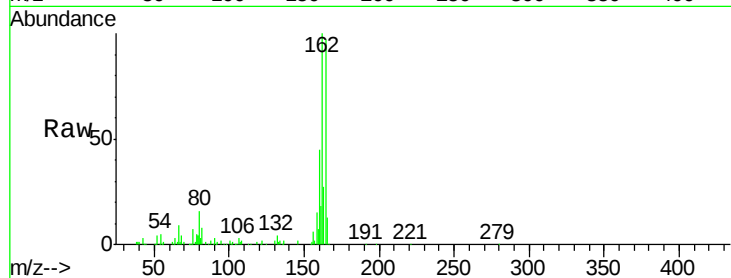
Tgt Ion:164 Resp: 111232

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

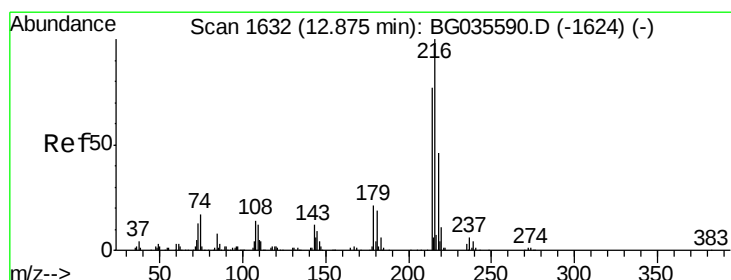
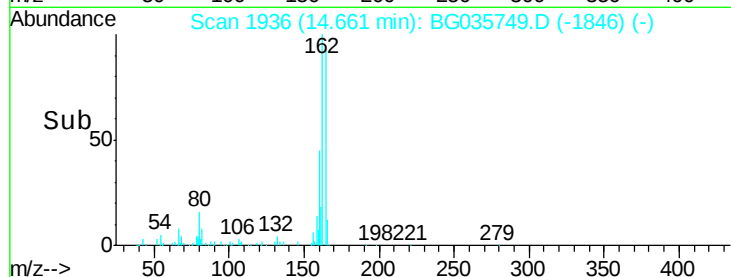
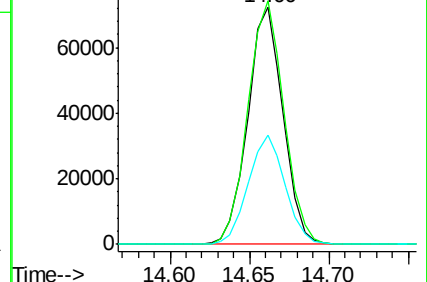
160 46.1 35.4 53.0



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: 46.794 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:216 Resp: 196455

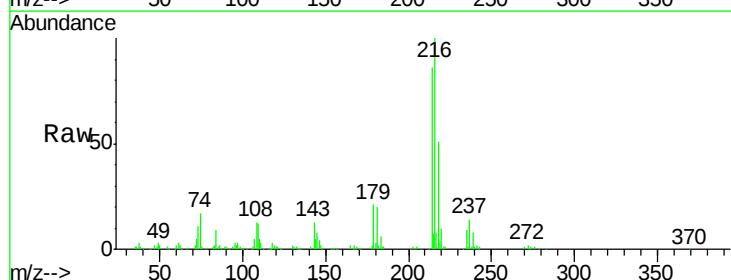
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.3 17.0 25.6

108 15.9 12.8 19.2

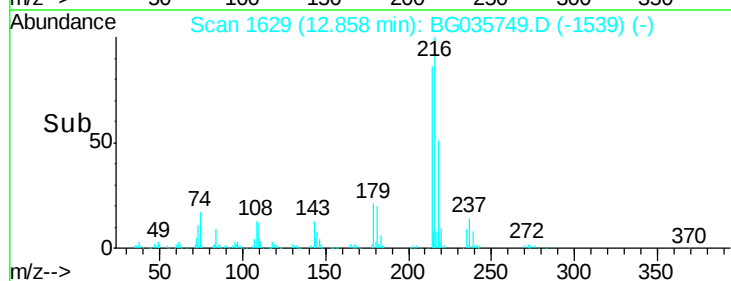
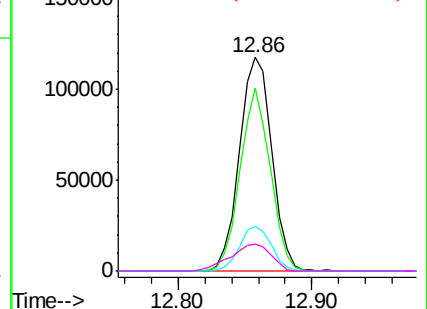


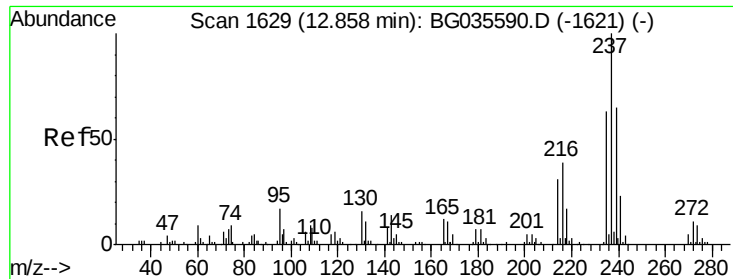
Abundance Ion 216.00 (215.70 to 216.70): E

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

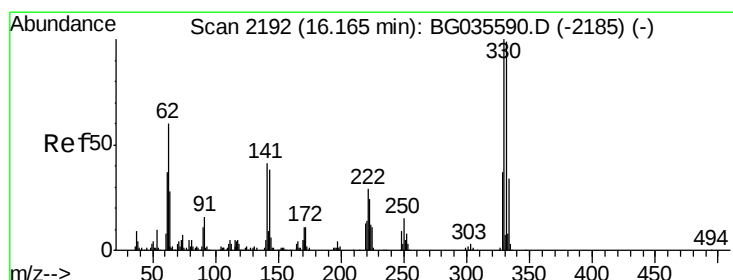
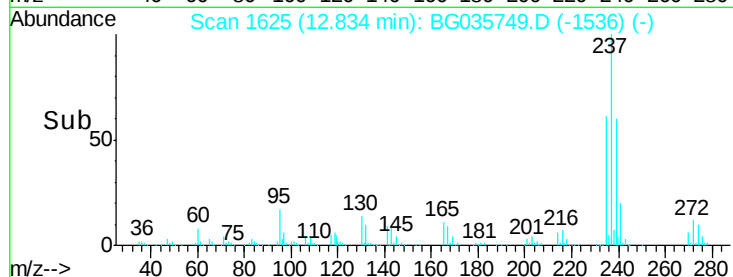
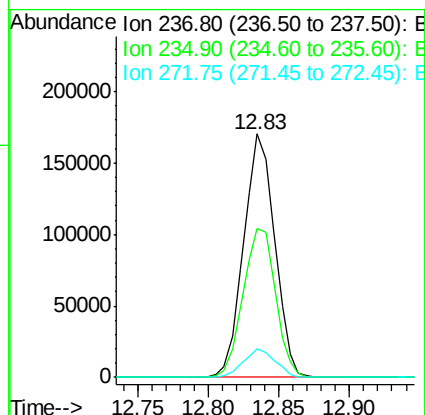
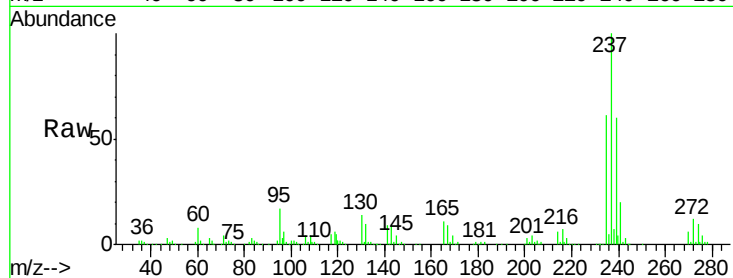




#40
Hexachlorocyclopentadiene
Concen: 118.498 ng
RT: 12.83 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

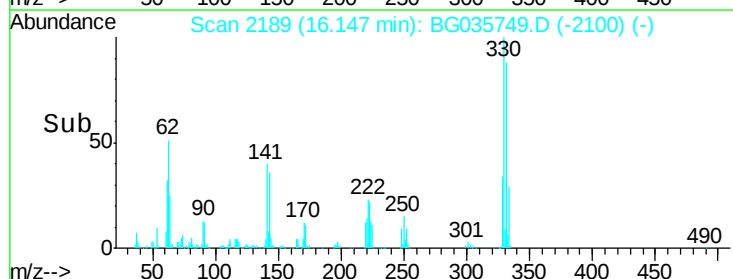
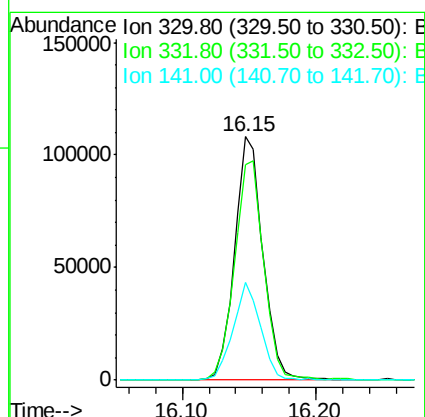
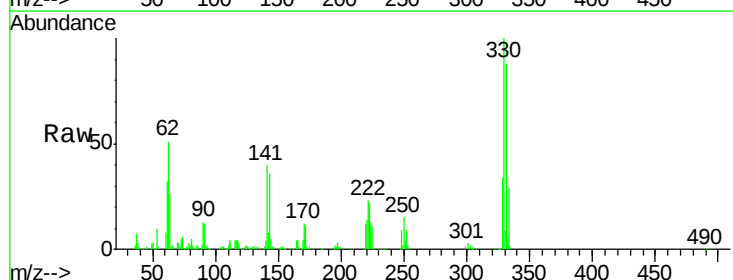
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

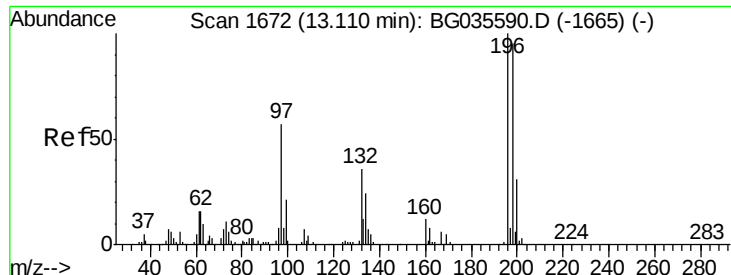
Tgt Ion: 237 Resp: 260905
Ion Ratio Lower Upper
237 100
235 61.1 50.4 90.4
272 11.5 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 108.576 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 330 Resp: 159184
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 38.9 25.2 37.8#

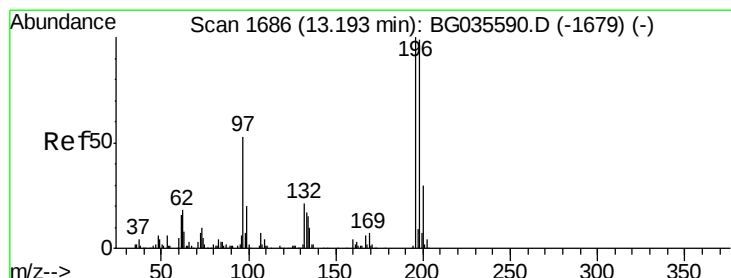
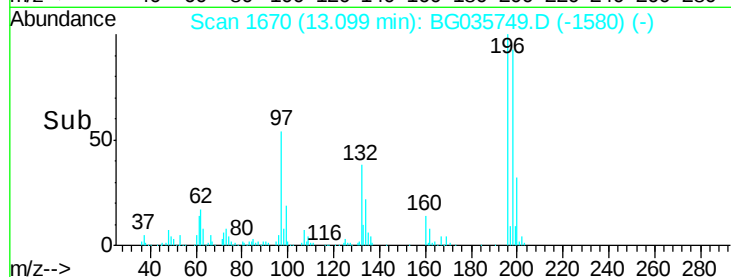
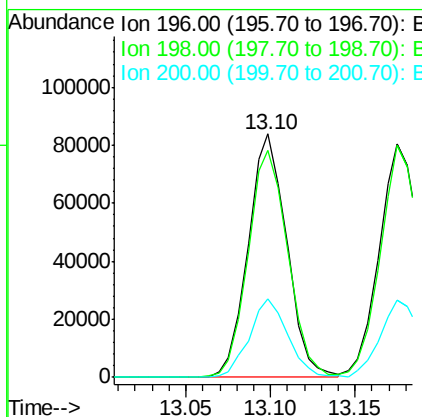
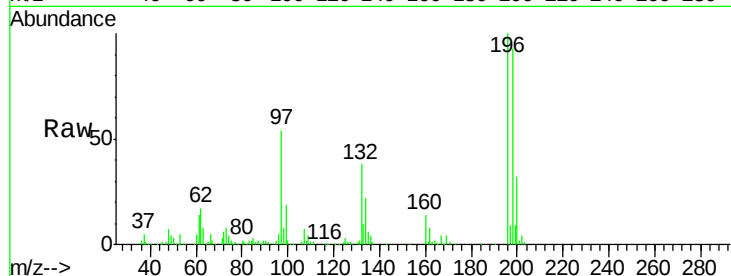




#42
 2,4,6-Trichlorophenol
 Concen: 54.070 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

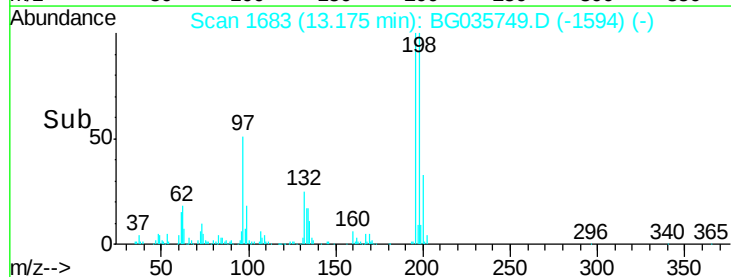
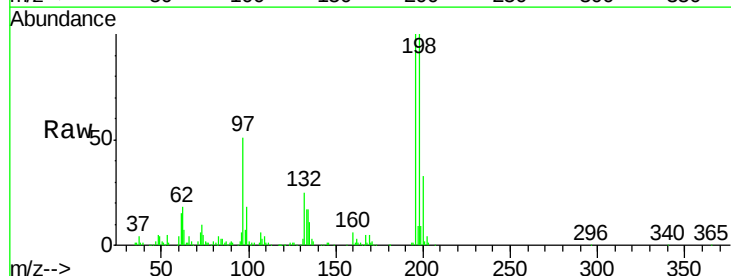
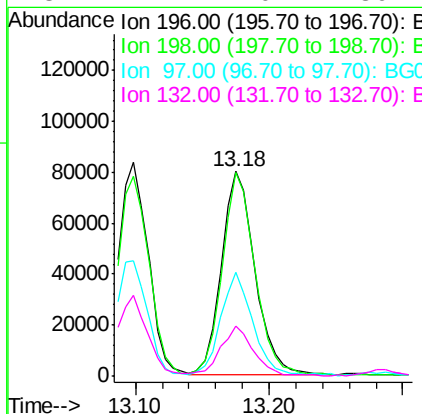
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

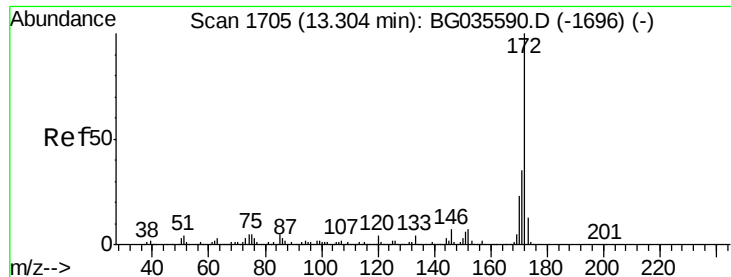
Tgt Ion:196 Resp: 132750
 Ion Ratio Lower Upper
 196 100
 198 93.4 78.2 117.2
 200 32.0 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 51.193 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:196 Resp: 140607
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.2 114.4
 97 51.1 38.7 58.1
 132 24.7 20.2 30.2

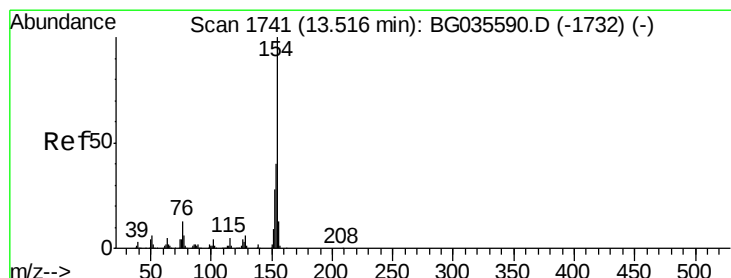
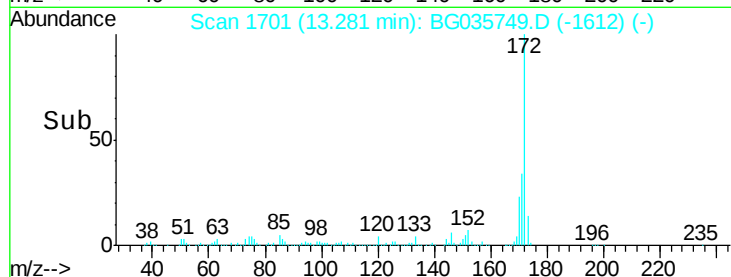
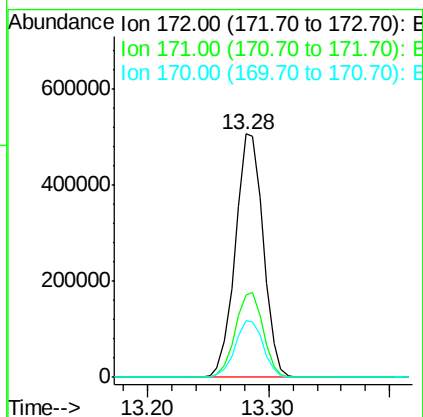
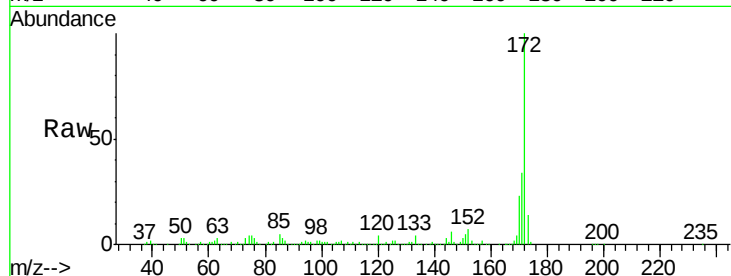




#44
 2-Fluorobiphenyl
 Concen: 98.424 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

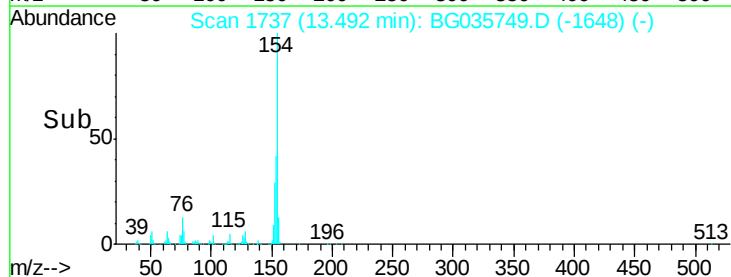
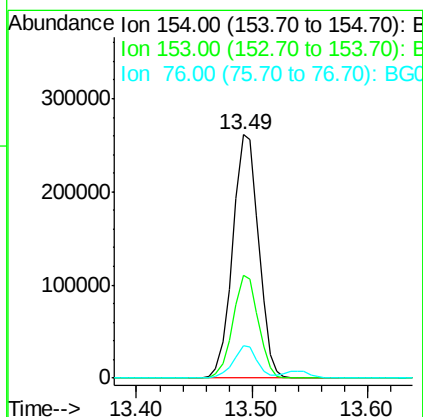
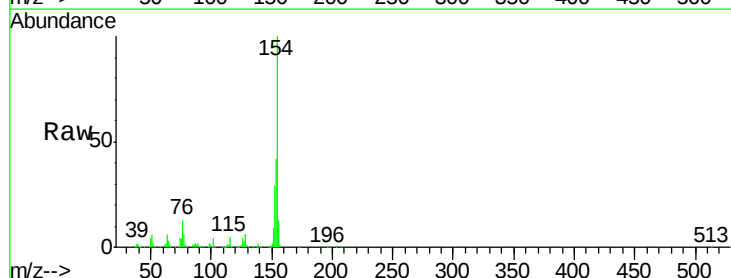
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

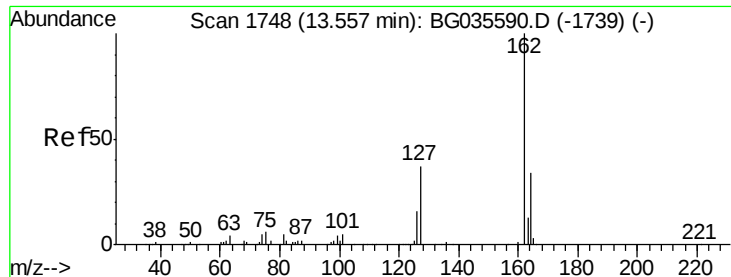
Tgt Ion:172 Resp: 817164
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 23.4 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 47.119 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:154 Resp: 406344
 Ion Ratio Lower Upper
 154 100
 153 42.1 19.8 59.8
 76 13.4 0.0 31.9

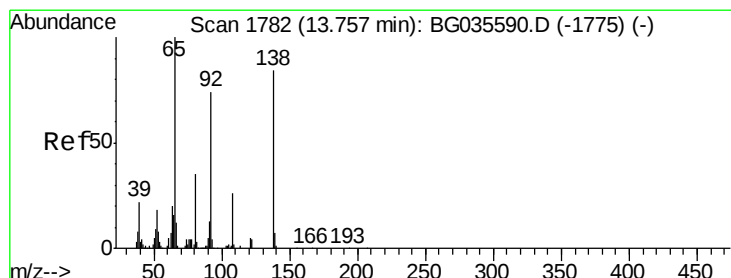
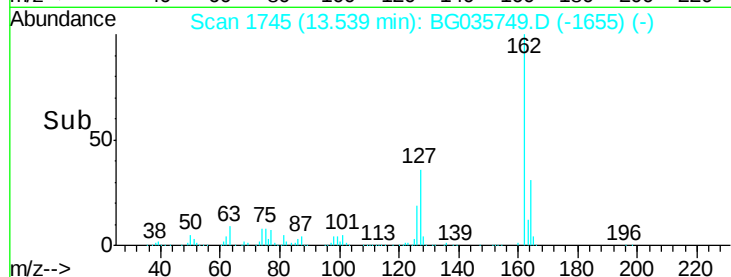
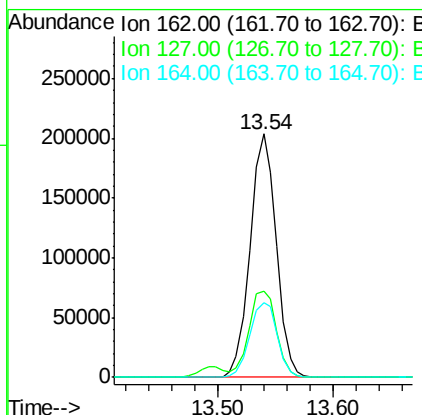
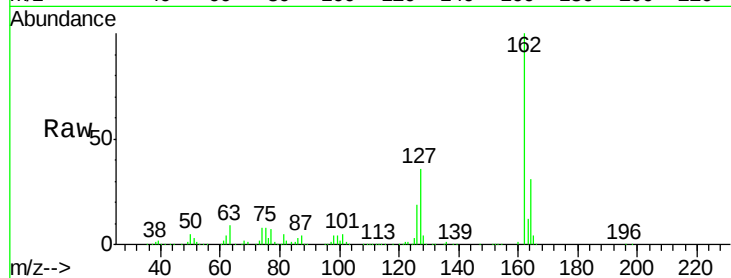




#46
2-Chloronaphthalene
Concen: 47.841 ng
RT: 13.54 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

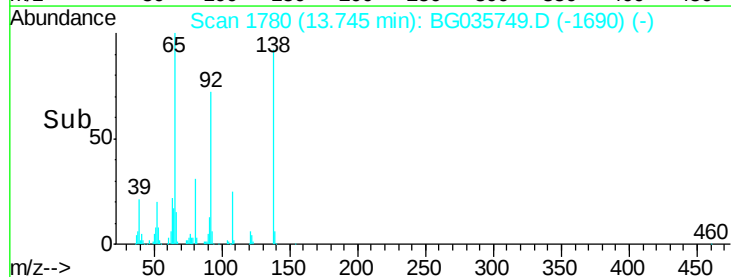
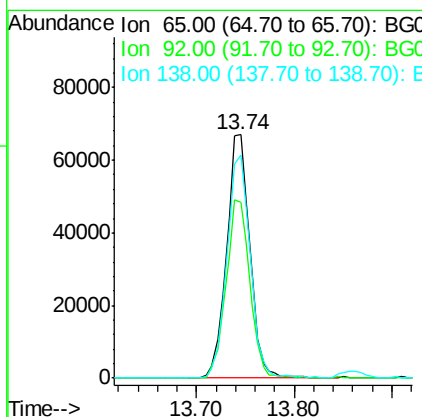
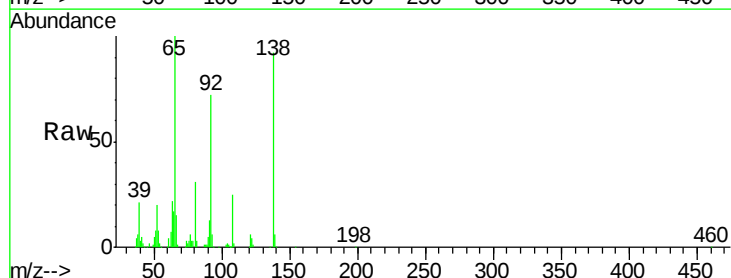
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

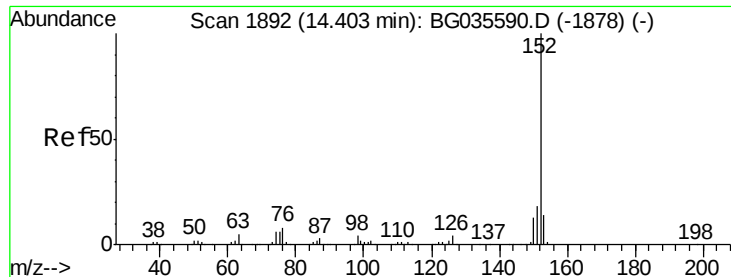
Tgt Ion: 162 Resp: 320916
Ion Ratio Lower Upper
162 100
127 35.6 30.7 46.1
164 30.8 26.0 39.0



#47
2-Nitroaniline
Concen: 46.683 ng
RT: 13.74 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 65 Resp: 110707
Ion Ratio Lower Upper
65 100
92 72.4 54.6 82.0
138 91.8 72.9 109.3





#48

Acenaphthylene

Concen: 47.038 ng

RT: 14.39 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

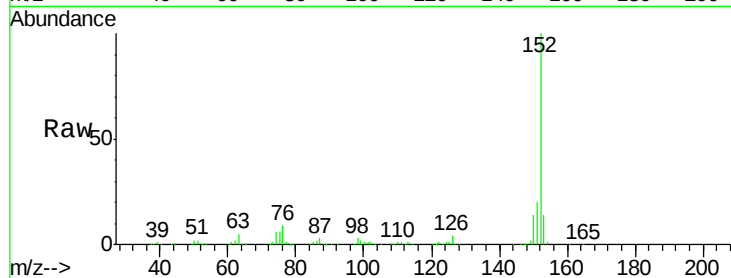
Tgt Ion:152 Resp: 528540

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

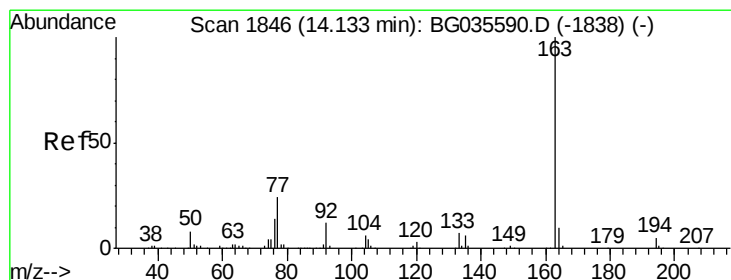
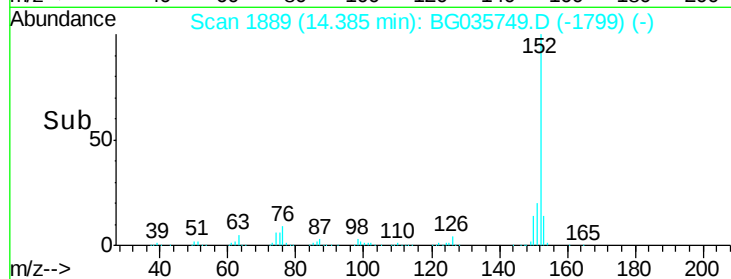
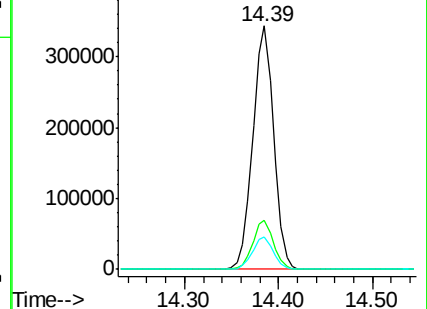
153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.071 ng

RT: 14.11 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

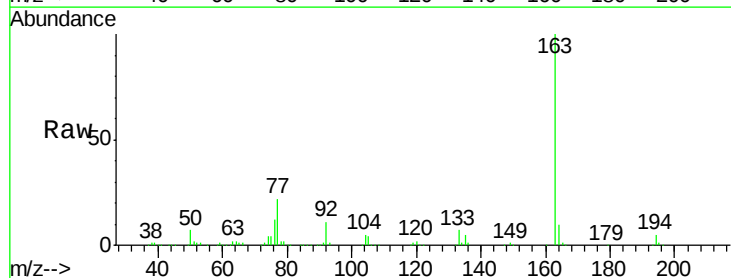
Tgt Ion:163 Resp: 448987

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

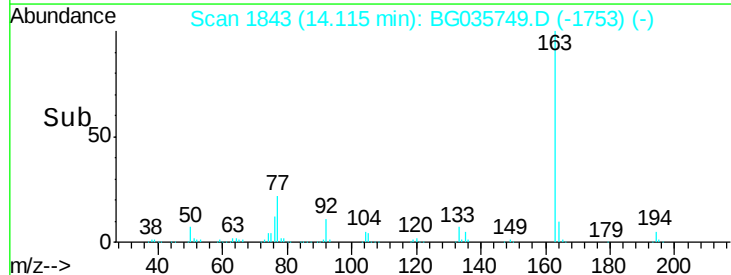
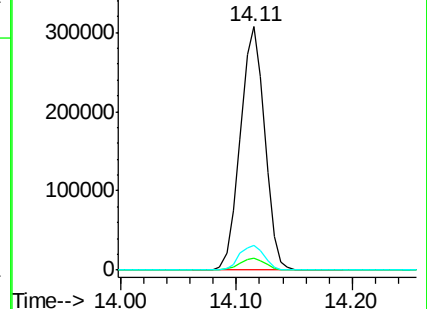
164 10.0 8.2 12.4

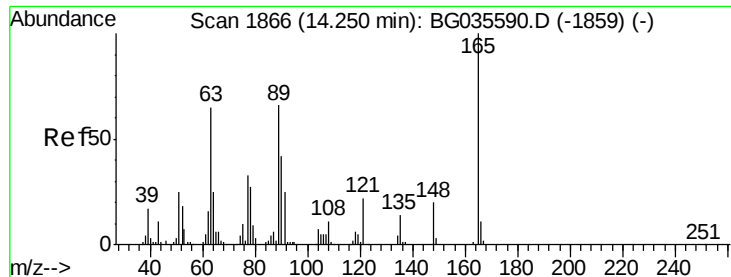


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

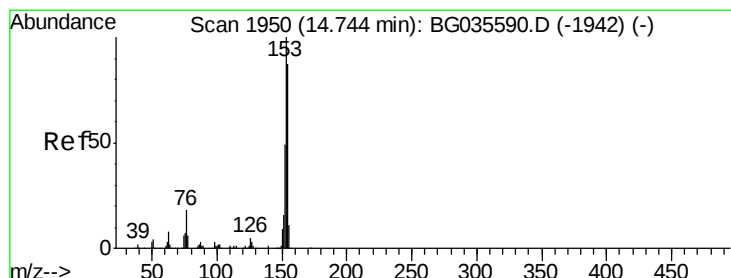
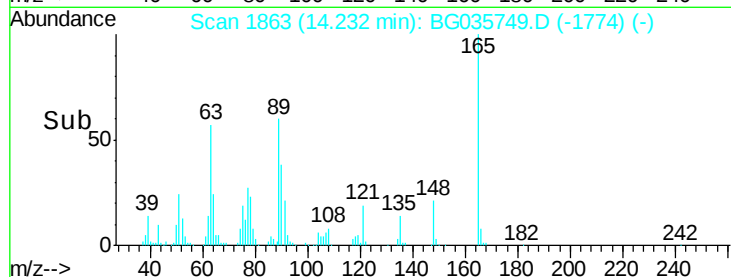
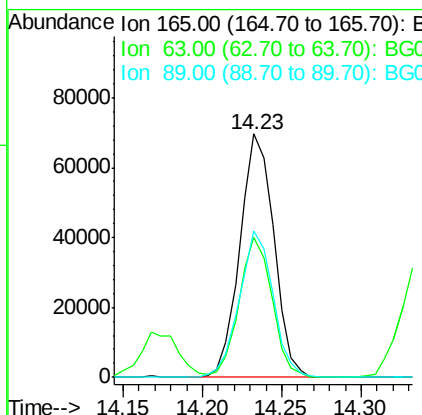
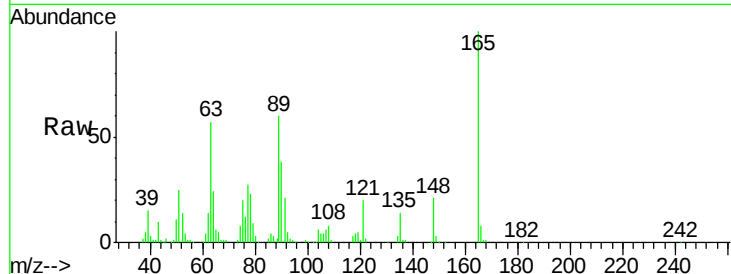




#50
 2,6-Dinitrotoluene
 Concen: 52.264 ng
 RT: 14.23 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

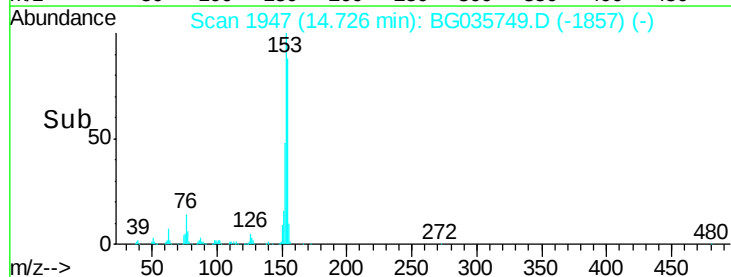
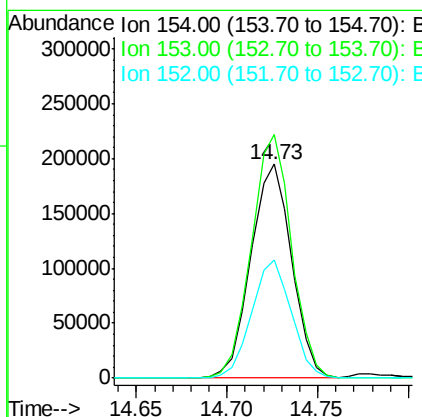
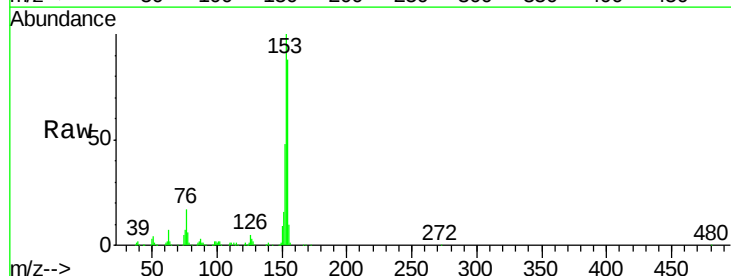
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

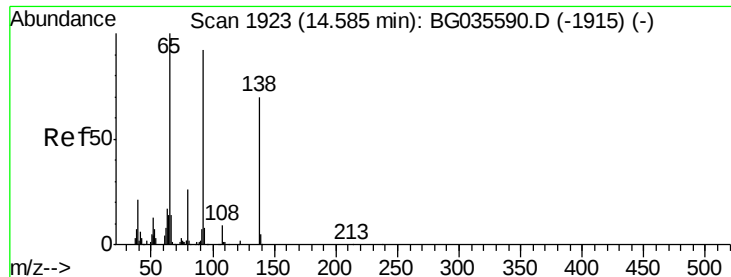
Tgt Ion:165 Resp: 103721
 Ion Ratio Lower Upper
 165 100
 63 57.2 52.7 79.1
 89 59.9 49.2 73.8



#51
 Acenaphthene
 Concen: 43.987 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:154 Resp: 307893
 Ion Ratio Lower Upper
 154 100
 153 113.7 90.4 135.6
 152 55.0 41.6 62.4

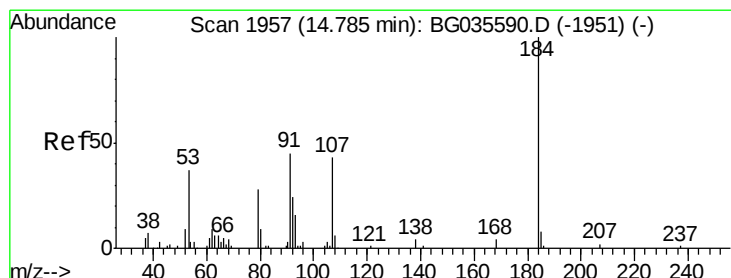
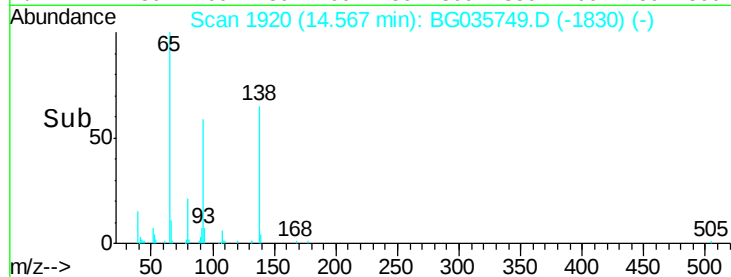
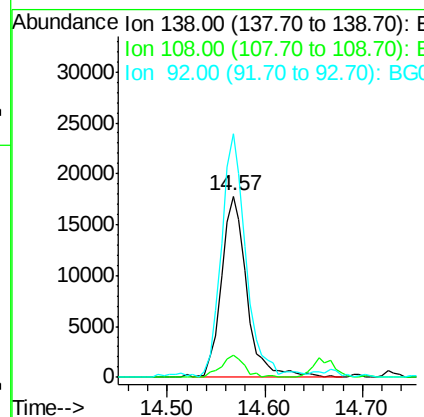
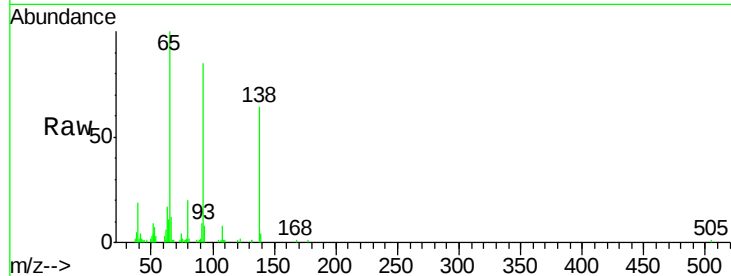




#52
3-Nitroaniline
Concen: 15.743 ng
RT: 14.57 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

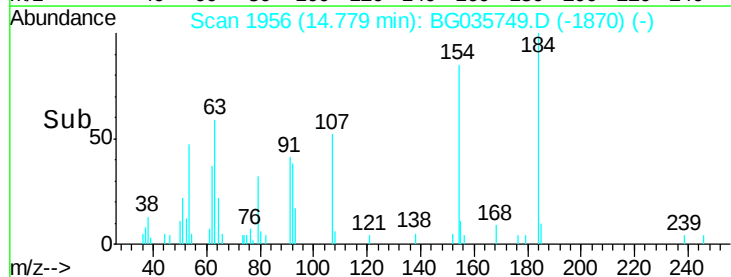
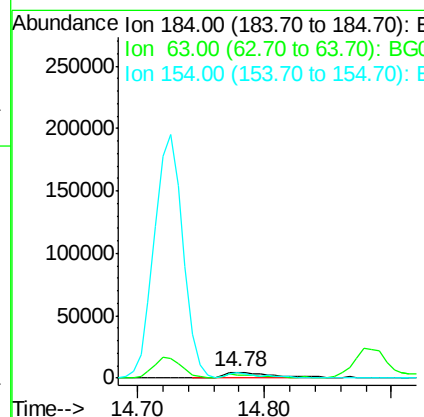
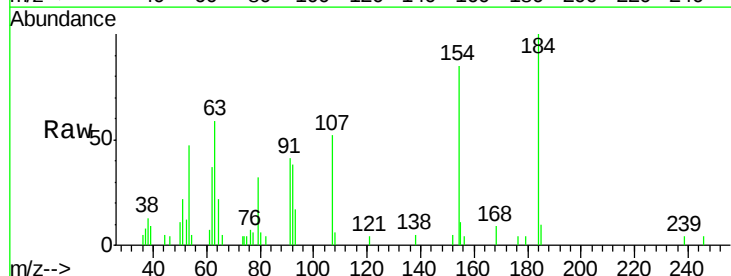
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

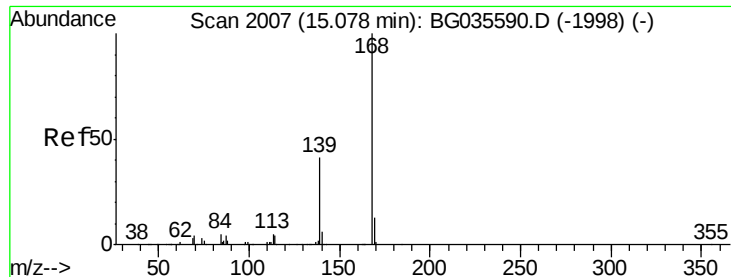
Tgt Ion:138 Resp: 31932
Ion Ratio Lower Upper
138 100
108 11.9 17.5 26.3#
92 134.1 105.8 158.8



#53
2,4-Dinitrophenol
Concen: 18.654 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:184 Resp: 13424
Ion Ratio Lower Upper
184 100
63 58.5 59.8 89.8#
154 84.6 101.8 152.8#

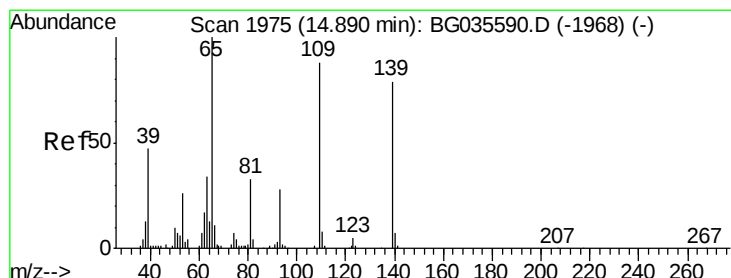
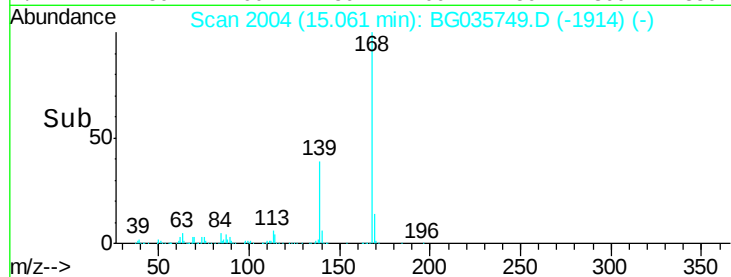
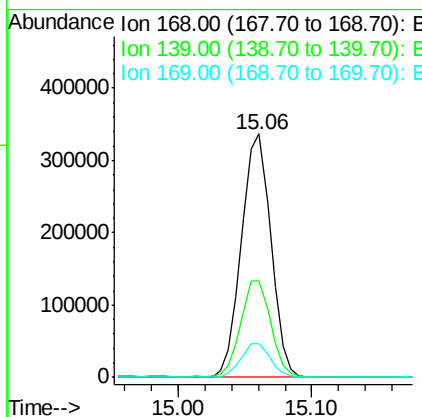
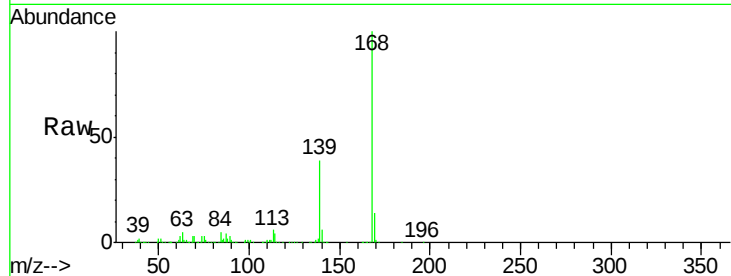




#54
Dibenzenofuran
Concen: 46.255 ng
RT: 15.06 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

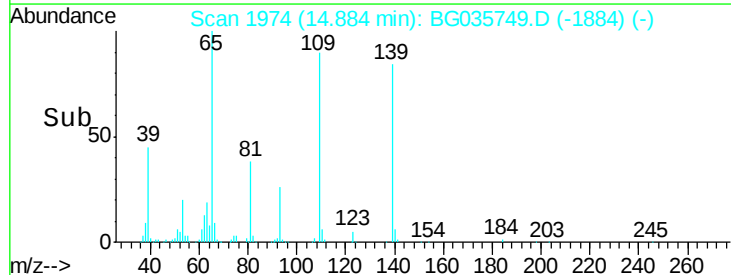
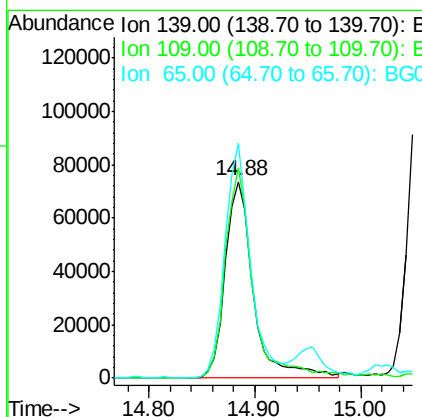
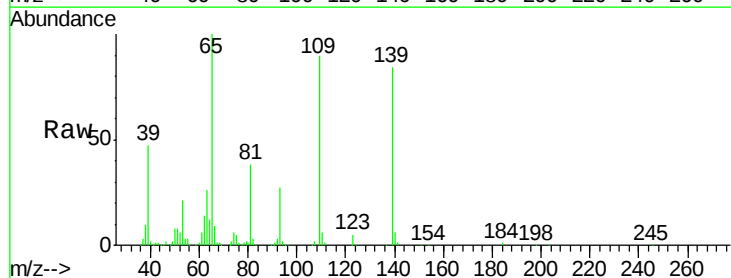
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

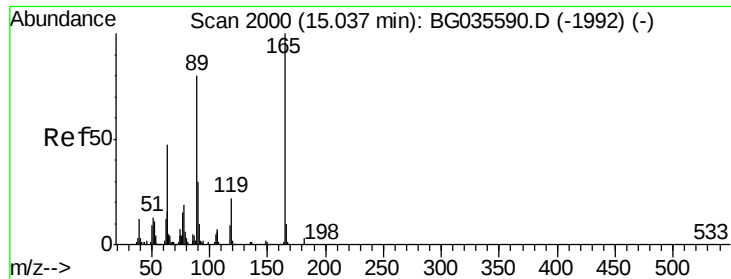
Tgt Ion:168 Resp: 514911
Ion Ratio Lower Upper
168 100
139 39.4 28.6 43.0
169 13.7 11.2 16.8



#55
4-Nitrophenol
Concen: 94.557 ng
RT: 14.88 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:139 Resp: 136590
Ion Ratio Lower Upper
139 100
109 107.0 62.2 102.2#
65 119.1 97.2 137.2

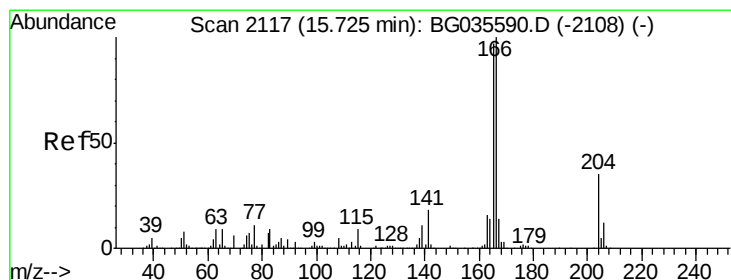
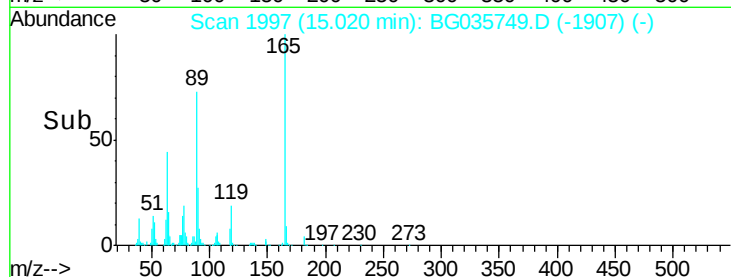
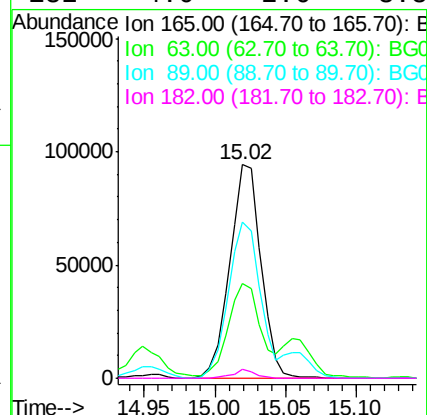
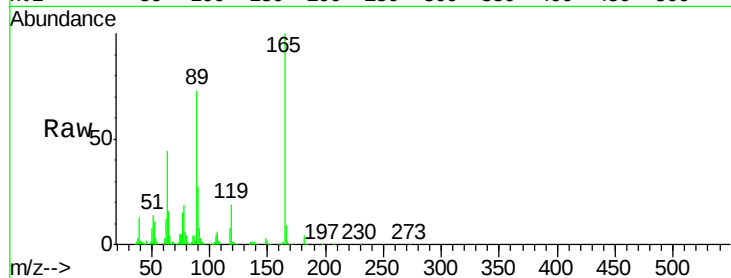




#56
2,4-Dinitrotoluene
Concen: 50.810 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

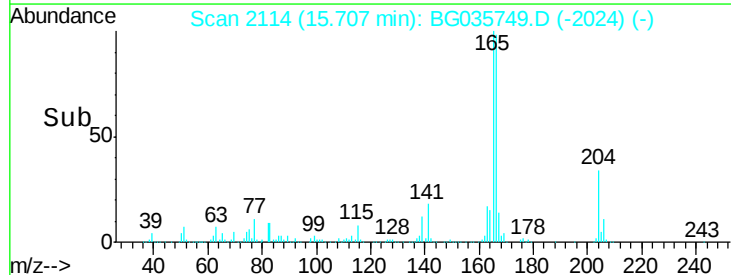
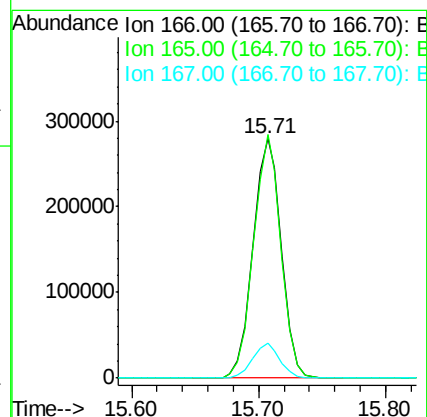
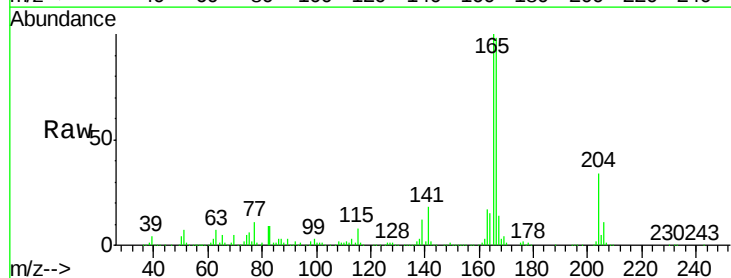
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

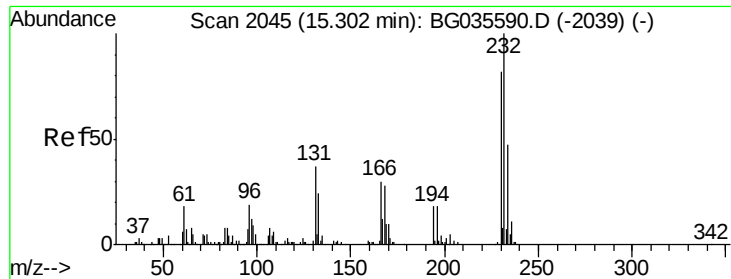
Tgt Ion:165 Resp: 144662
Ion Ratio Lower Upper
165 100
63 44.1 42.0 63.0
89 73.2 66.9 100.3
182 4.0 2.6 3.8#



#57
Fluorene
Concen: 46.275 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:166 Resp: 431759
Ion Ratio Lower Upper
166 100
165 101.7 80.6 121.0
167 14.6 10.4 15.6

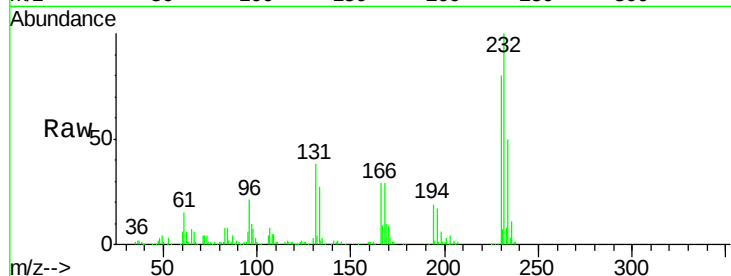




#58
2,3,4,6-Tetrachlorophenol
Concen: 53.682 ng
RT: 15.28 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	33.5	50.3
130	2.4	2.2	3.2
166	28.0	24.8	37.2

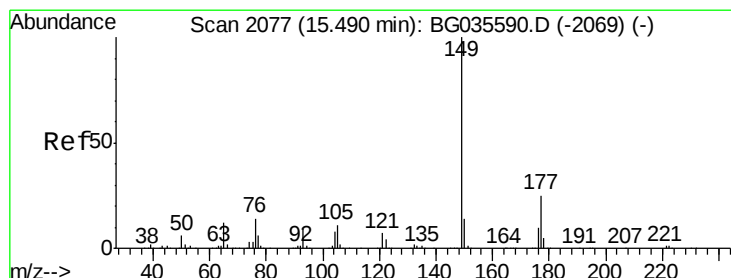
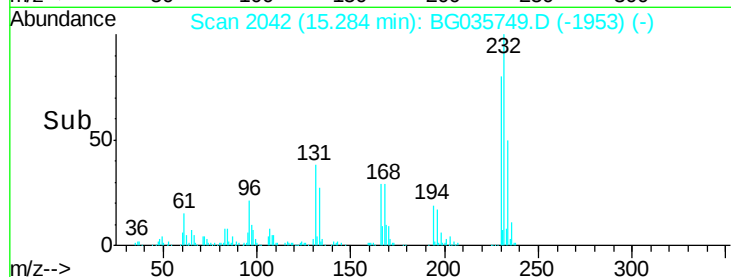
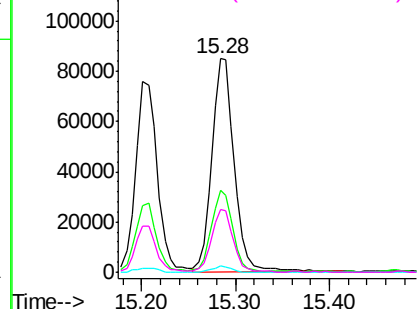


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

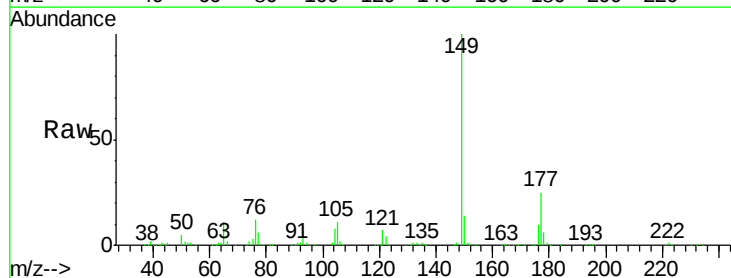
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 44.739 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

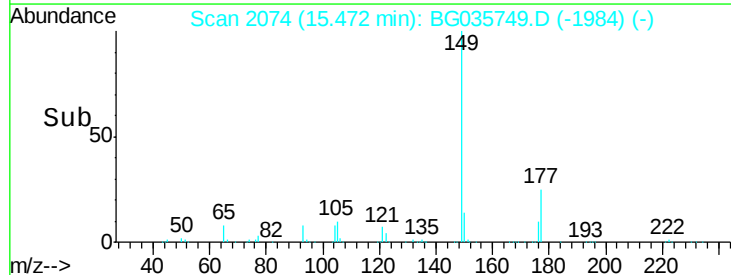
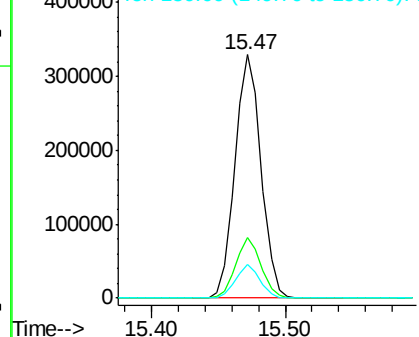
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.7	10.2	15.2

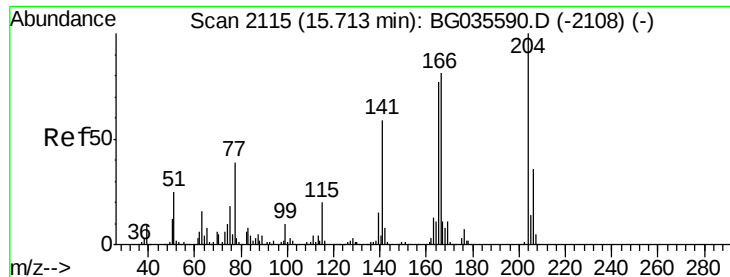


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

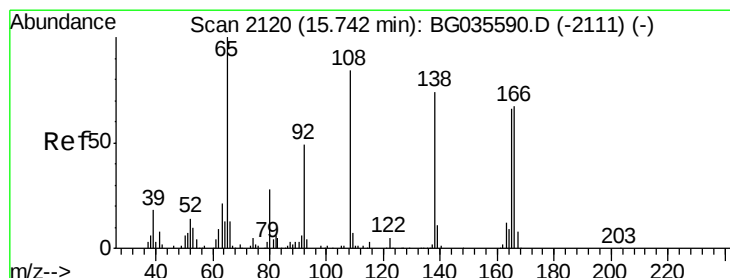
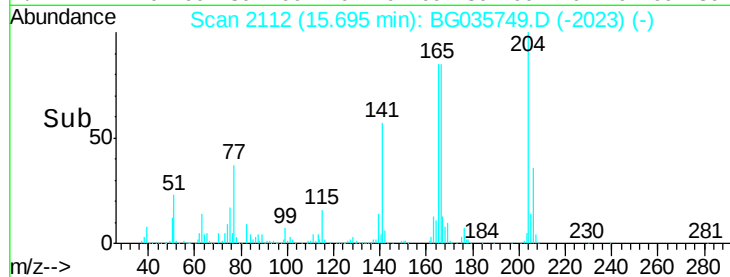
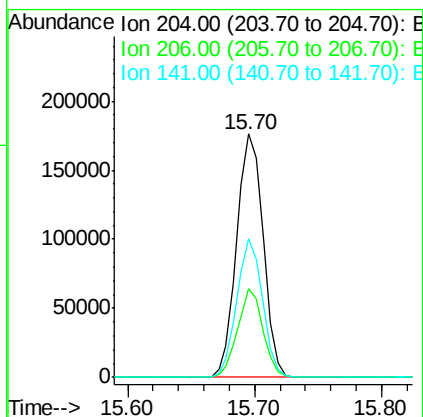
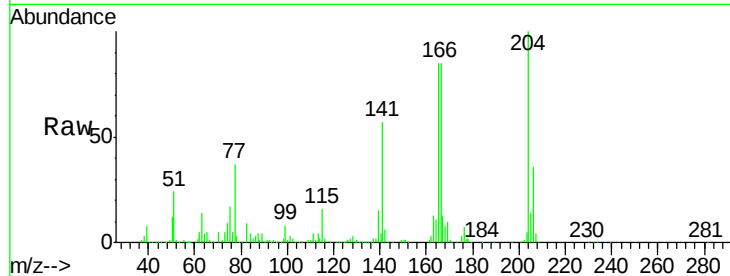




#60
4-Chlorophenyl-phenylether
Concen: 46.302 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

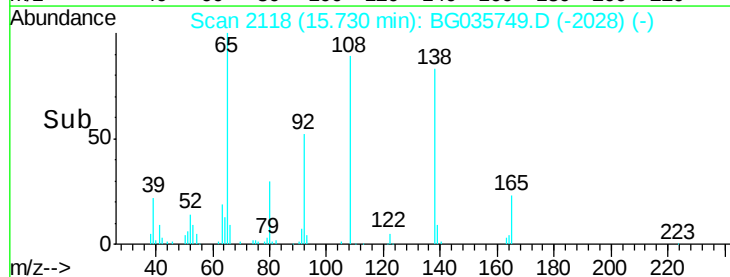
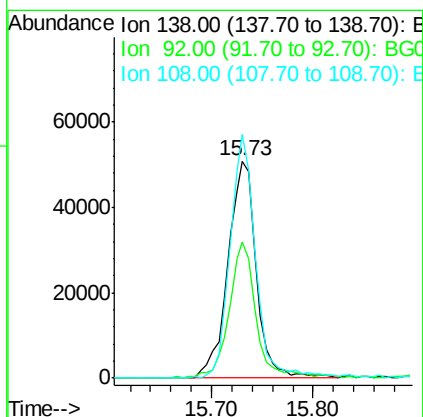
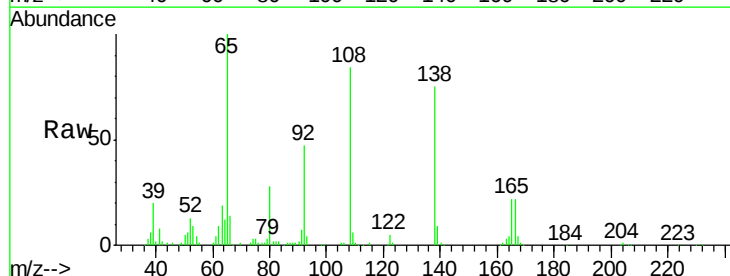
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

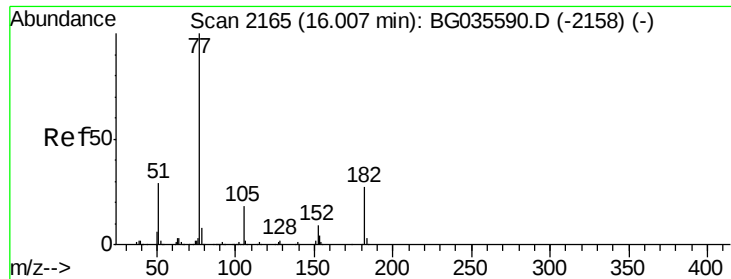
Tgt Ion:204 Resp: 253911
Ion Ratio Lower Upper
204 100
206 36.4 26.2 39.2
141 56.9 45.8 68.6



#61
4-Nitroaniline
Concen: 46.352 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:138 Resp: 98348
Ion Ratio Lower Upper
138 100
92 62.8 40.1 80.1
108 112.1 65.4 105.4#

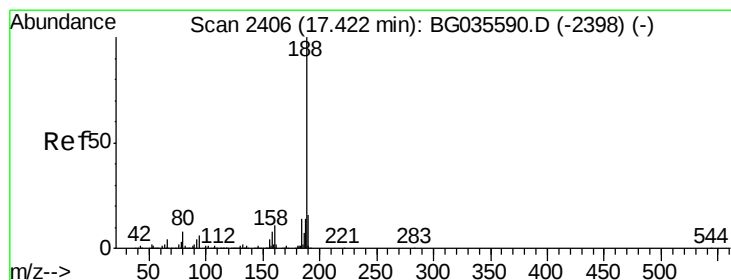
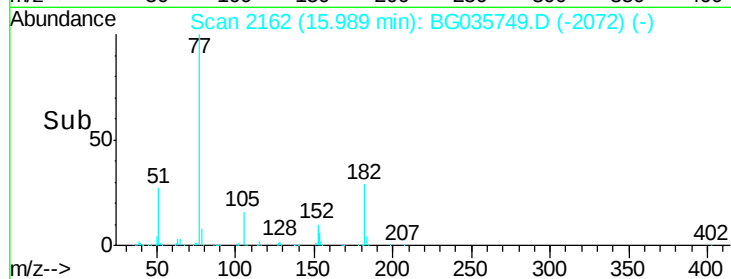
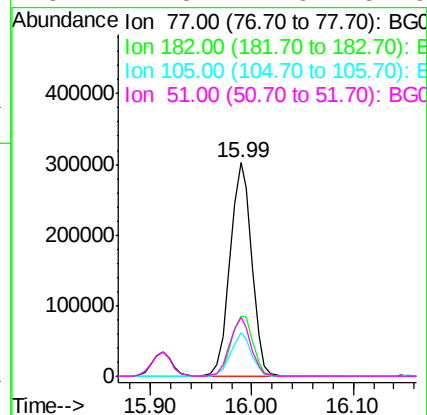
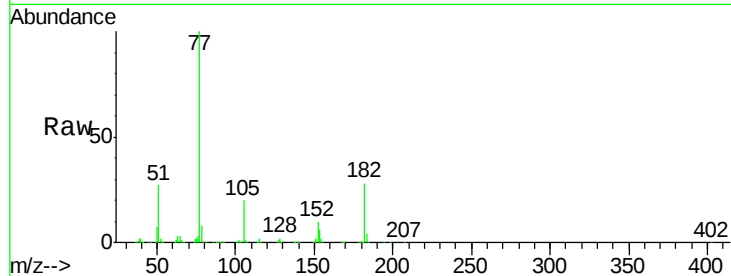




#62
Azobenzene
Concen: 45.202 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

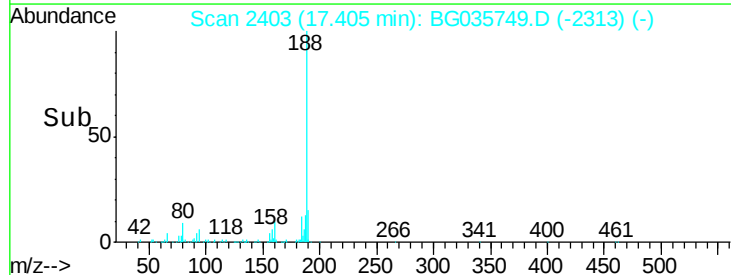
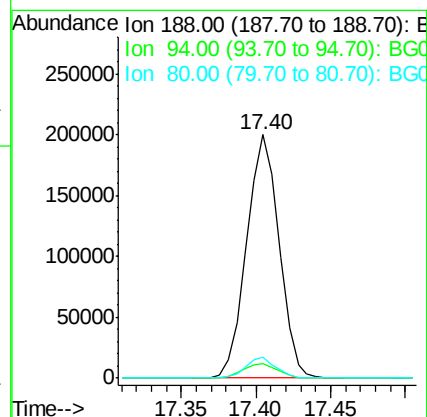
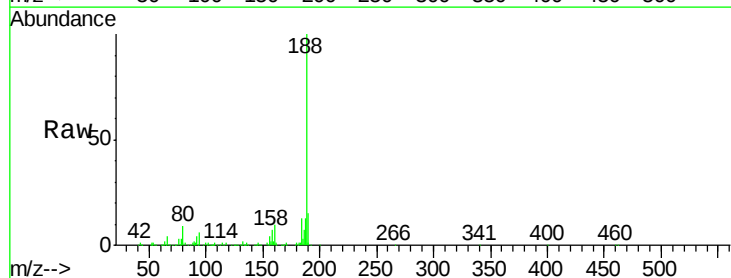
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

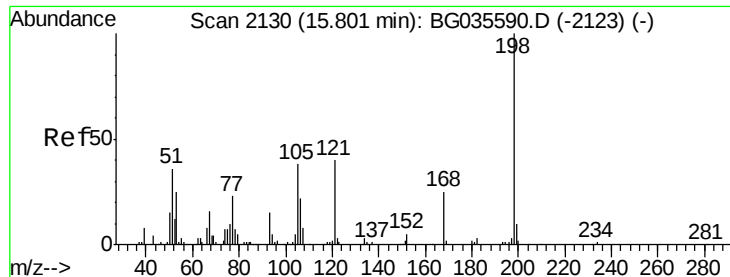
Tgt Ion: 77 Resp: 446797
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 20.3 0.3 40.3
51 27.3 11.6 51.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 188 Resp: 300445
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 8.6 7.7 11.5

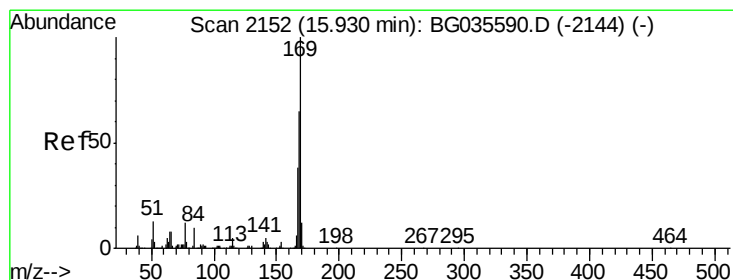
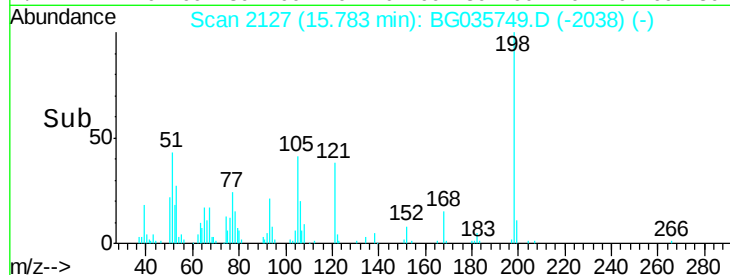
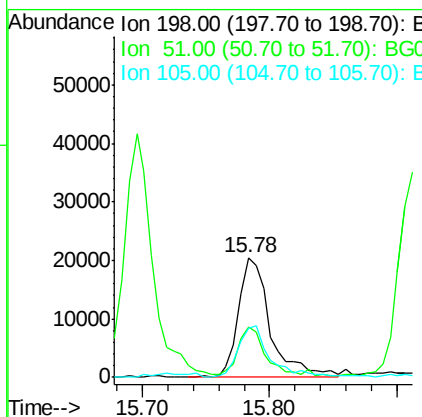
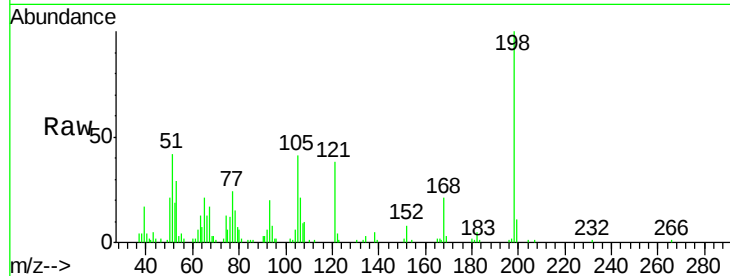




#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.353 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

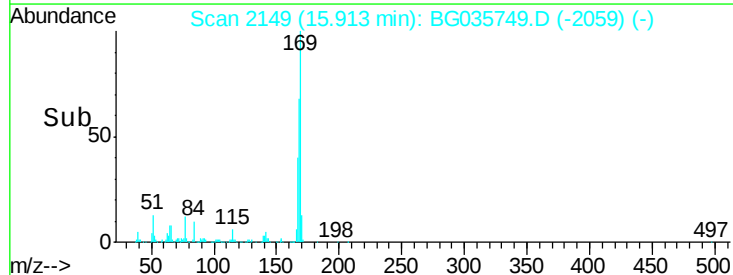
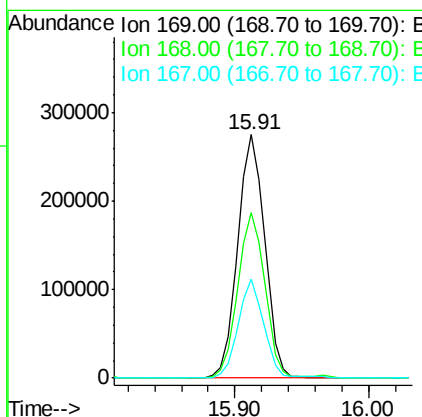
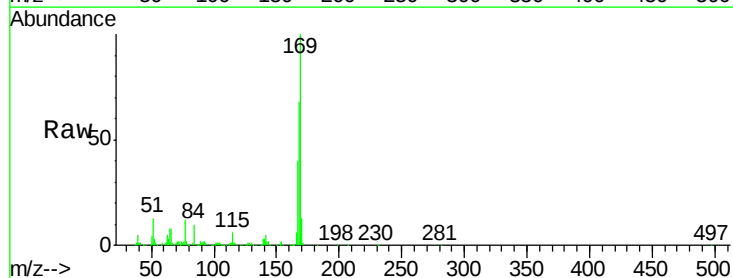
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

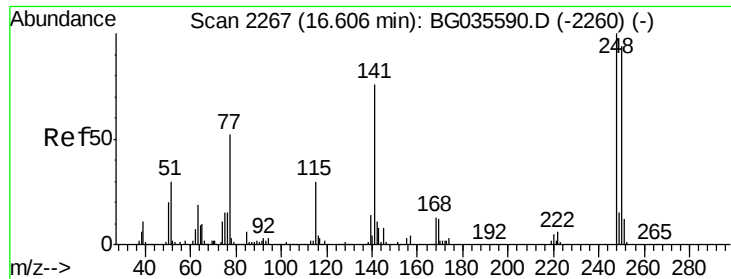
Tgt Ion:198 Resp: 35712
 Ion Ratio Lower Upper
 198 100
 51 42.4 30.6 70.6
 105 40.6 23.8 63.8



#65
 n-Nitrosodiphenylamine
 Concen: 45.231 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:169 Resp: 386804
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.7 83.5
 167 40.4 30.1 45.1

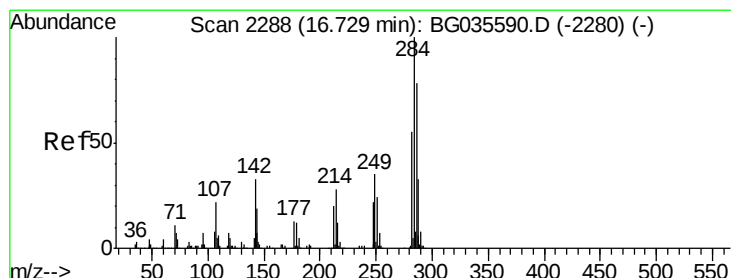
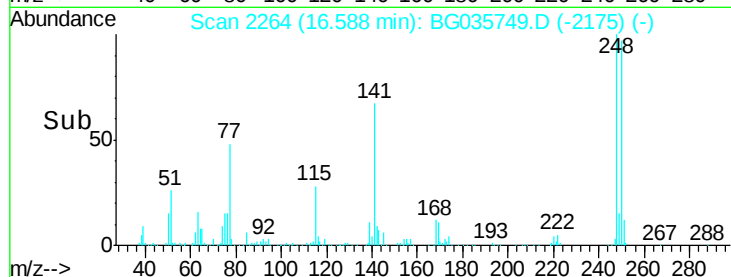
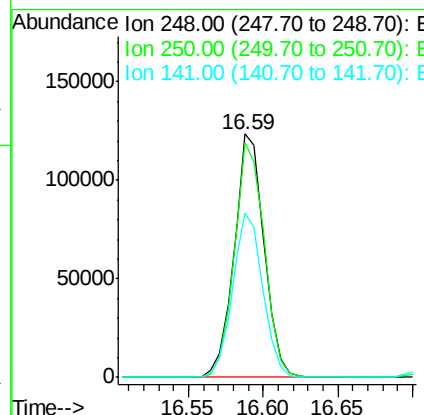
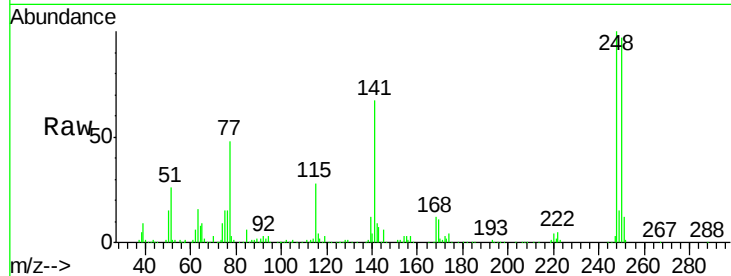




#66
 4-Bromophenyl-phenylether
 Concen: 49.446 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

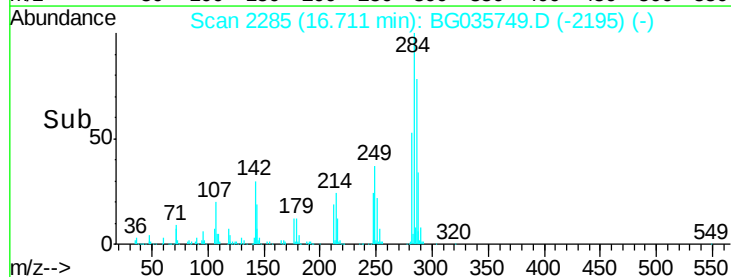
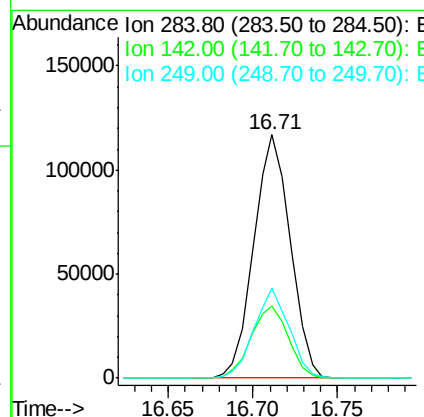
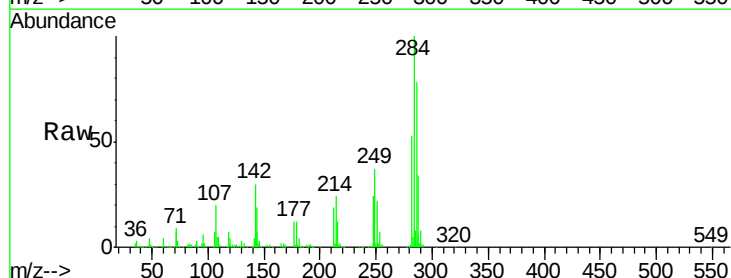
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

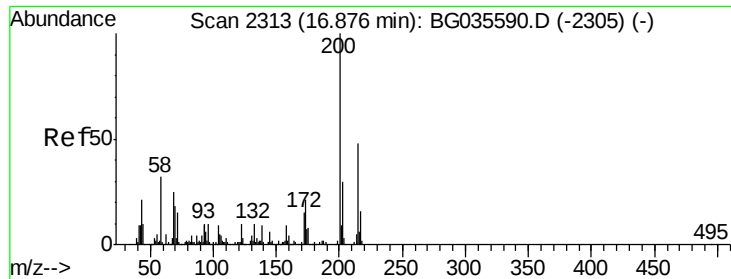
Tgt Ion:248 Resp: 172351
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 67.5 50.8 76.2



#67
 Hexachlorobenzene
 Concen: 48.746 ng
 RT: 16.71 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:284 Resp: 174979
 Ion Ratio Lower Upper
 284 100
 142 29.9 26.8 40.2
 249 37.1 26.3 39.5

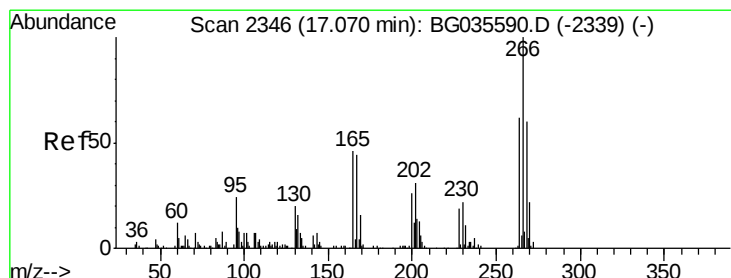
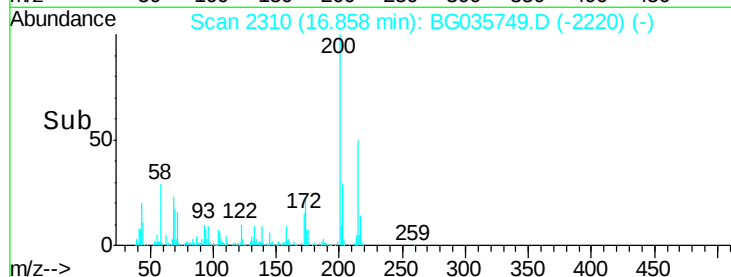
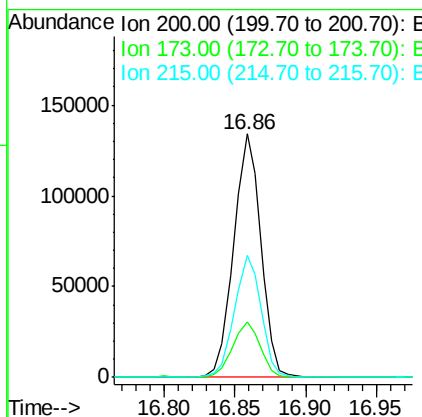
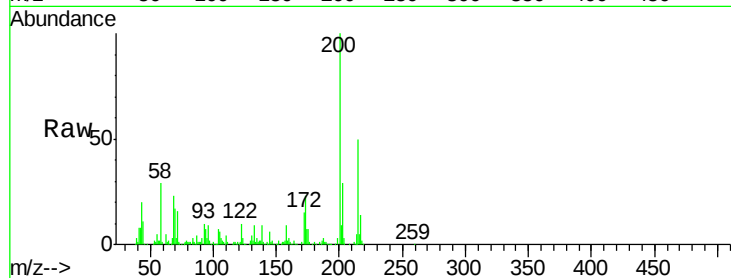




#68
Atrazine
Concen: 51.020 ng
RT: 16.86 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

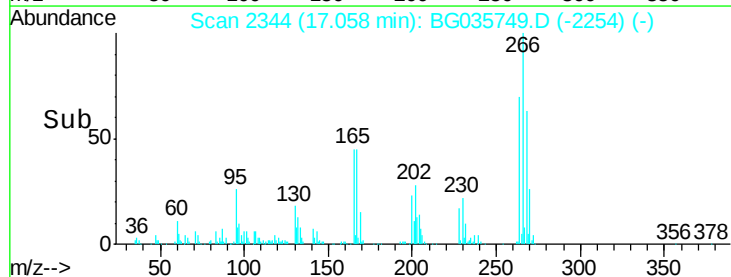
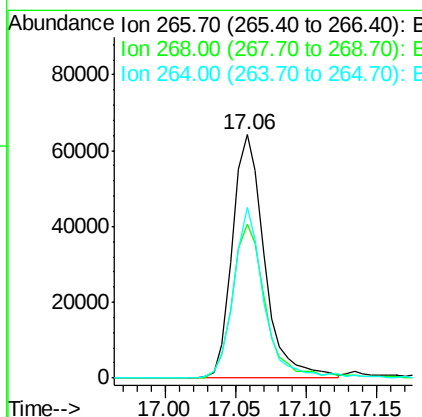
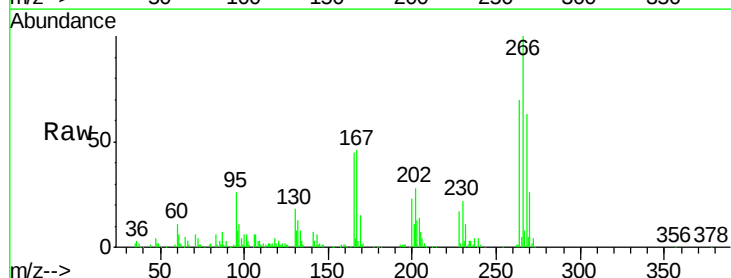
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

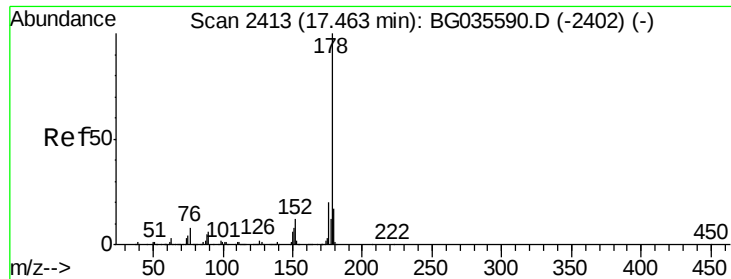
Tgt Ion:200 Resp: 179641
Ion Ratio Lower Upper
200 100
173 22.6 5.2 45.2
215 50.3 30.4 70.4



#69
Pentachlorophenol
Concen: 46.640 ng
RT: 17.06 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:266 Resp: 101973
Ion Ratio Lower Upper
266 100
268 63.4 51.1 76.7
264 70.1 49.6 74.4





#70

Phenanthrene

Concen: 46.843 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

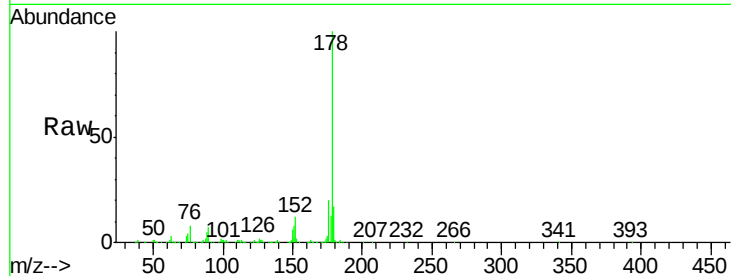
Tgt Ion:178 Resp: 702254

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

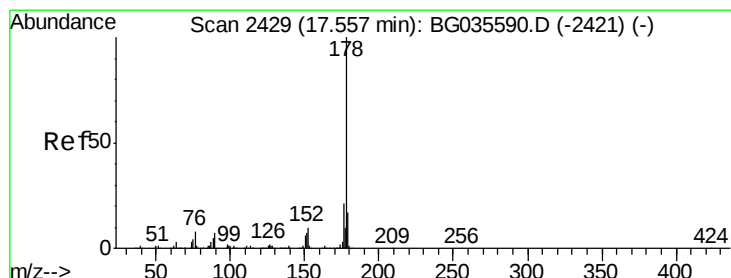
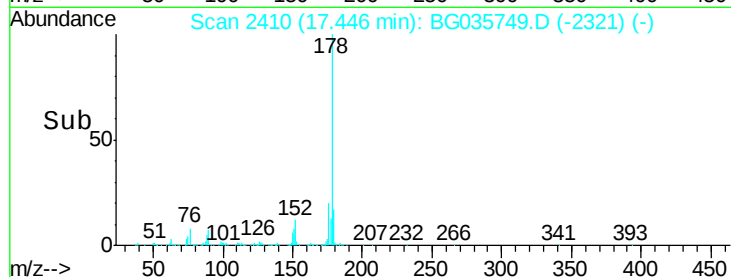
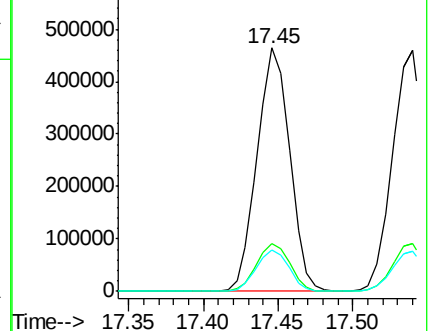
179 17.2 12.5 18.7



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: 47.859 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

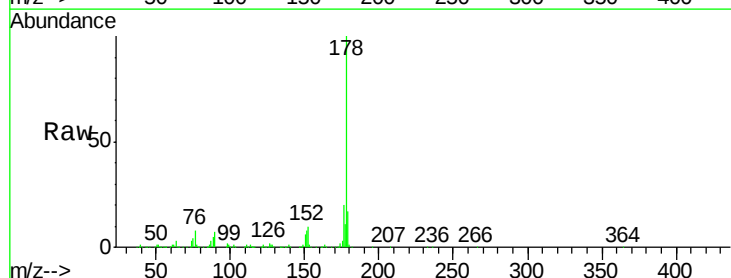
Tgt Ion:178 Resp: 714417

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

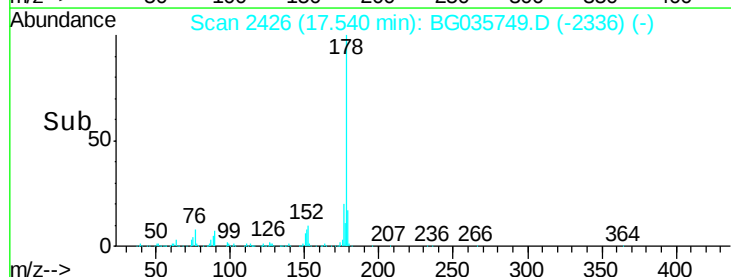
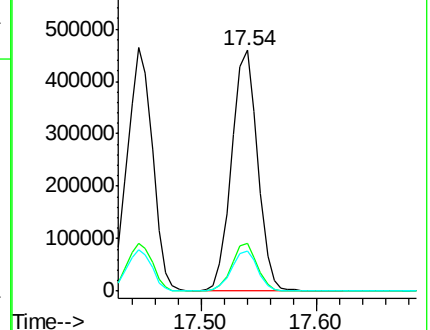
179 16.8 12.5 18.7

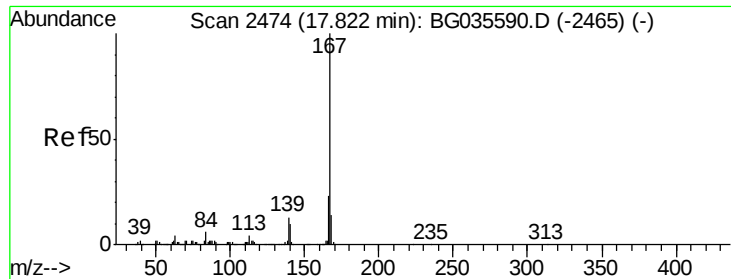


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 46.061 ng

RT: 17.81 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

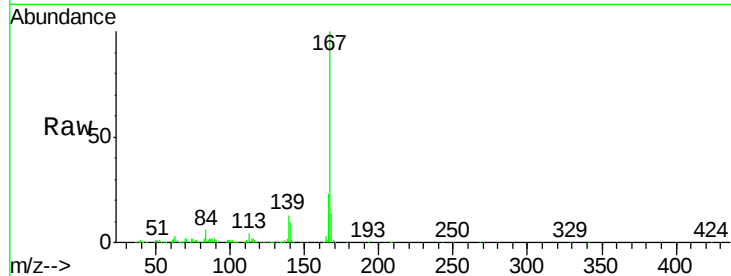
Tgt Ion:167 Resp: 652981

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

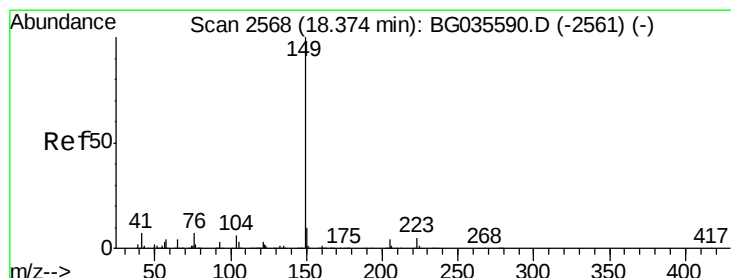
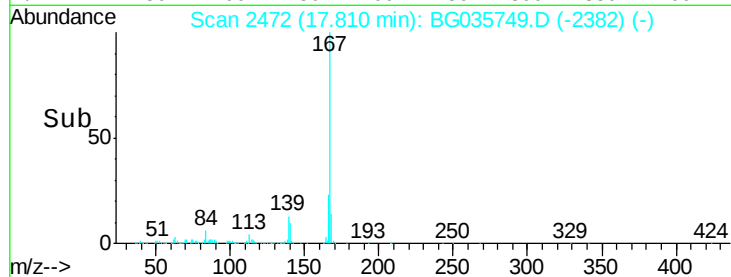
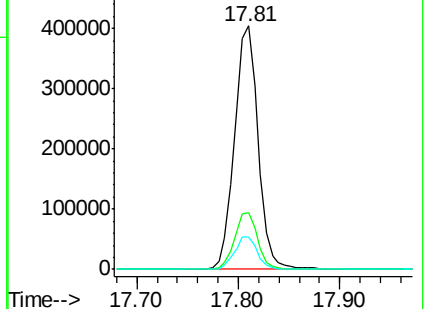
139 13.2 9.4 14.2



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: 43.965 ng

RT: 18.36 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

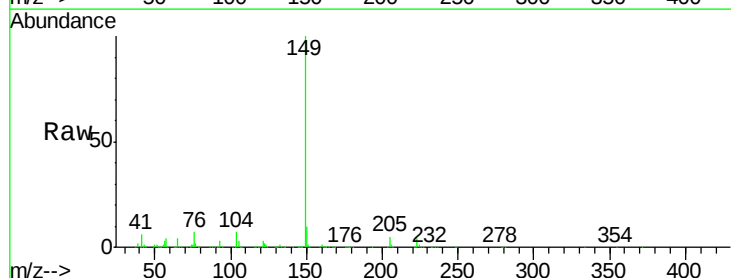
Tgt Ion:149 Resp: 736536

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

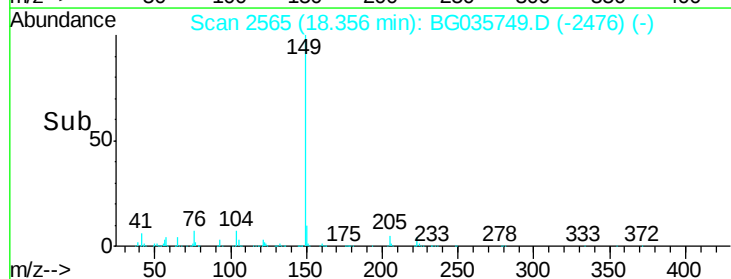
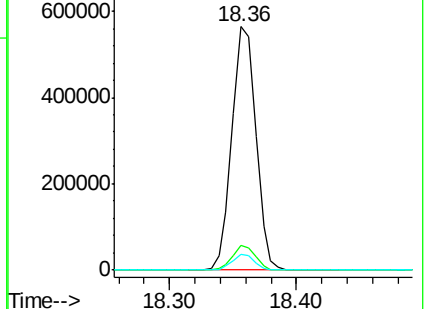
104 6.7 3.9 5.9#

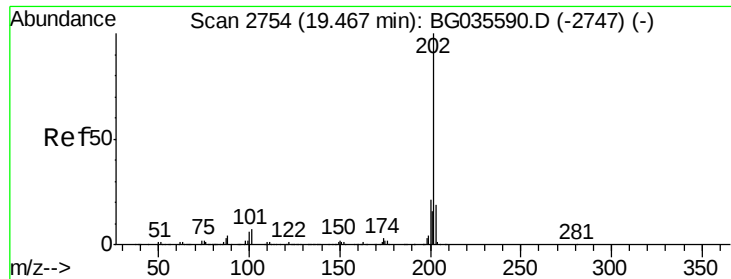


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

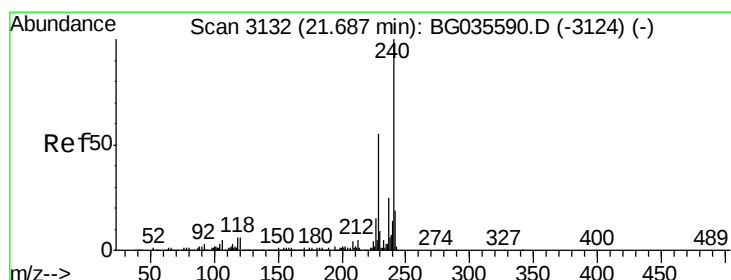
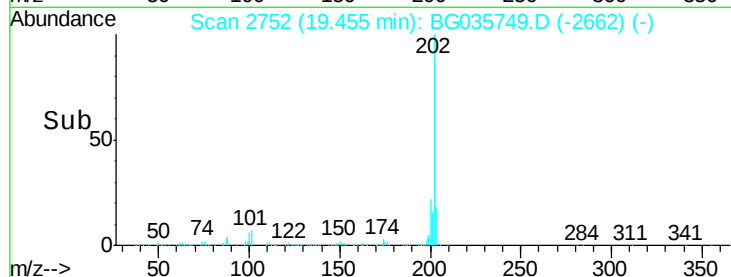
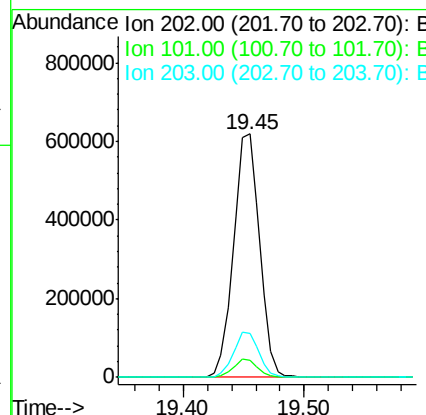
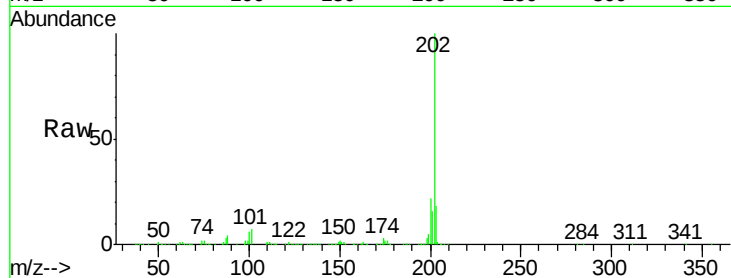




#74
 Fluoranthene
 Concen: 45.821 ng
 RT: 19.45 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

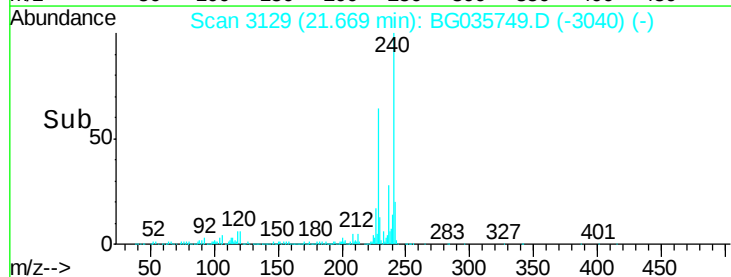
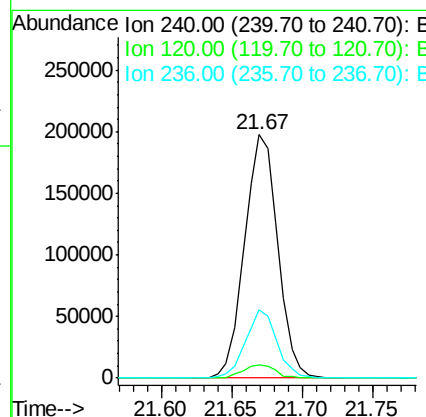
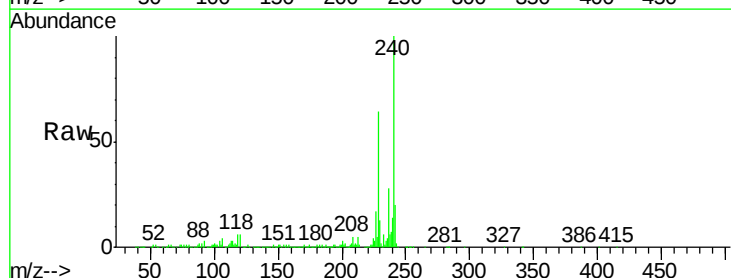
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

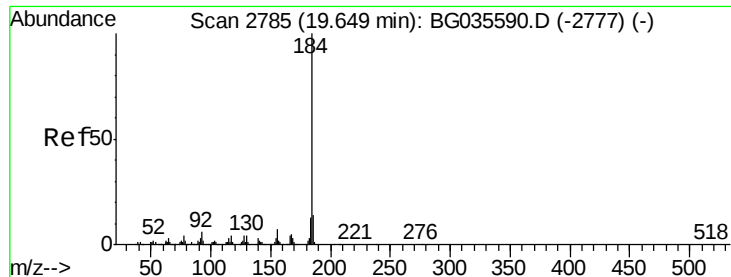
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.9
203	17.8	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	27.9	20.9	31.3





#76

Benzidine

Concen: 33.292 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

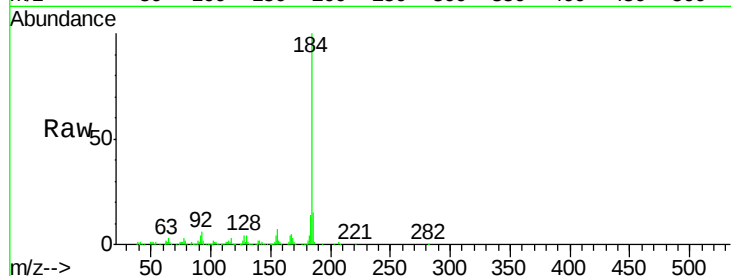
Tgt Ion:184 Resp: 284737

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

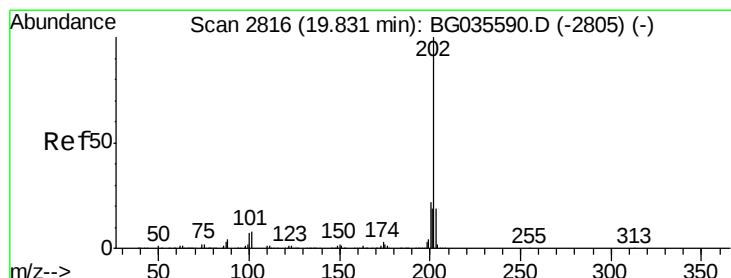
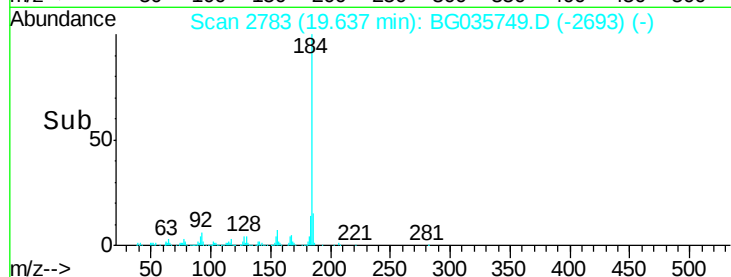
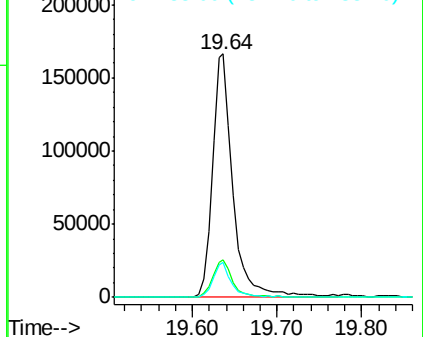
183 14.4 10.6 16.0



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: 44.536 ng

RT: 19.81 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

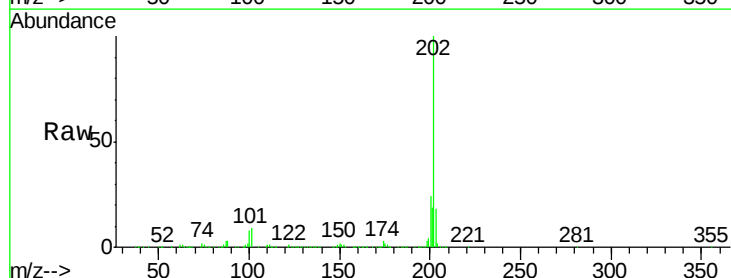
Tgt Ion:202 Resp: 916116

Ion Ratio Lower Upper

202 100

200 23.7 16.9 25.3

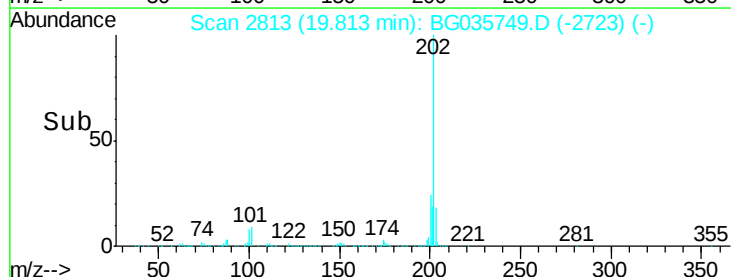
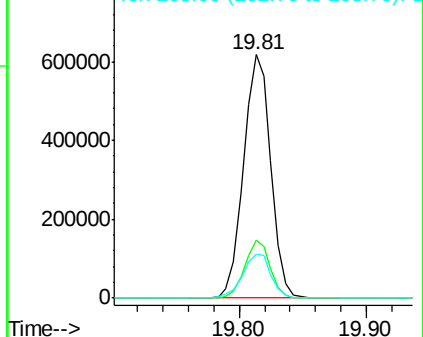
203 18.2 13.9 20.9

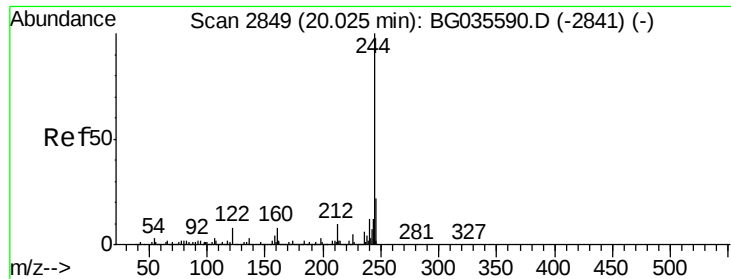


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.225 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

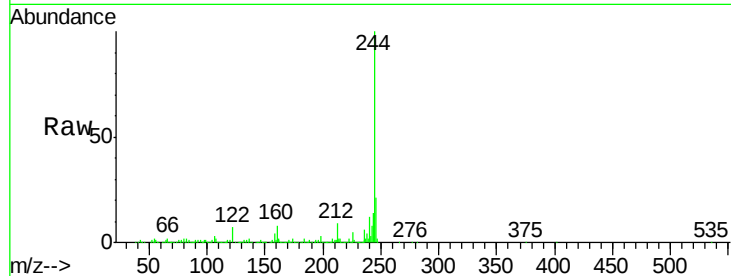
Tgt Ion:244 Resp: 1316819

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

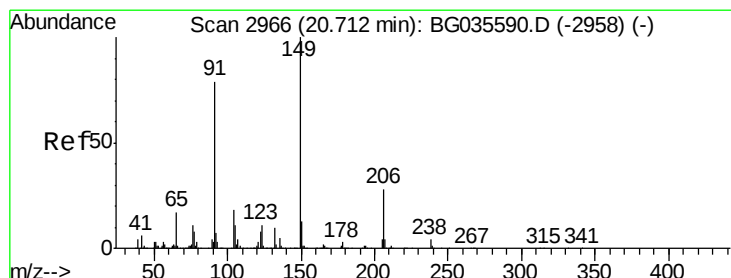
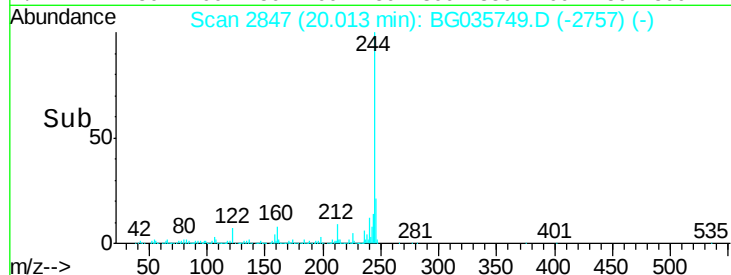
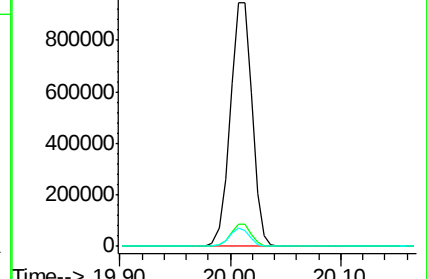
122 6.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.509 ng

RT: 20.69 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

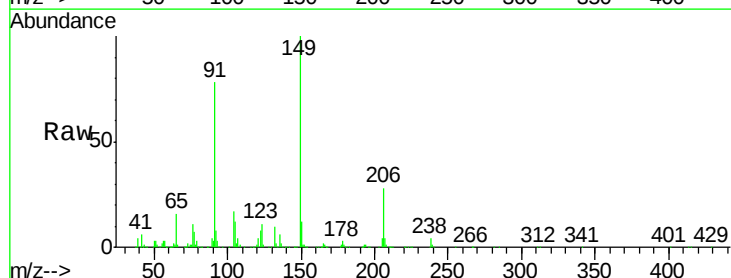
Tgt Ion:149 Resp: 349481

Ion Ratio Lower Upper

149 100

91 77.6 62.2 93.2

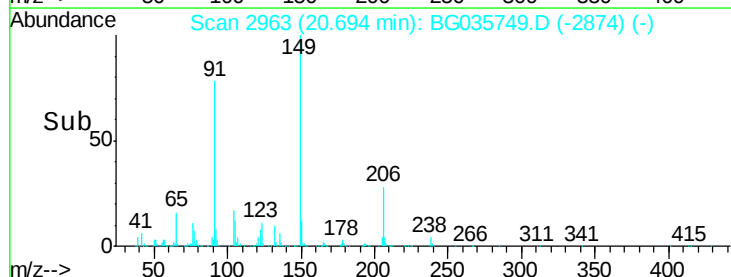
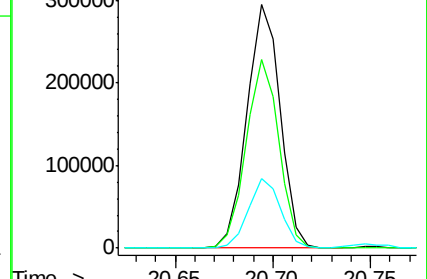
206 28.4 18.6 27.8#

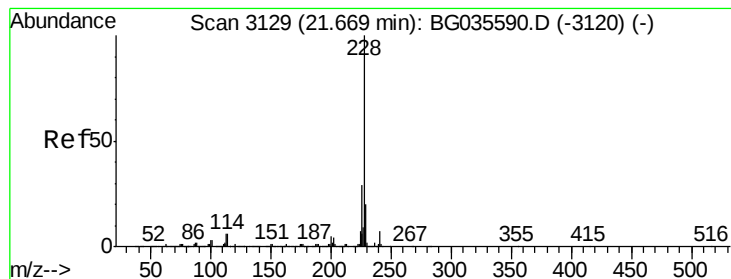


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.692 ng

RT: 21.65 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

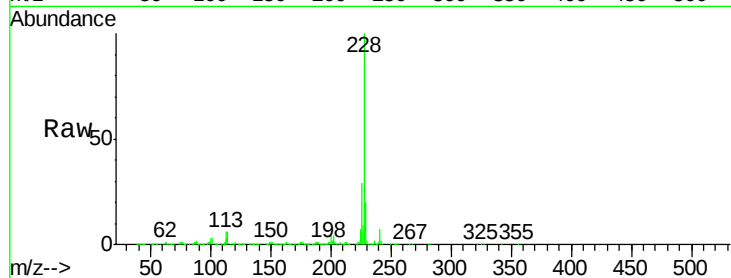
Tgt Ion:228 Resp: 946590

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

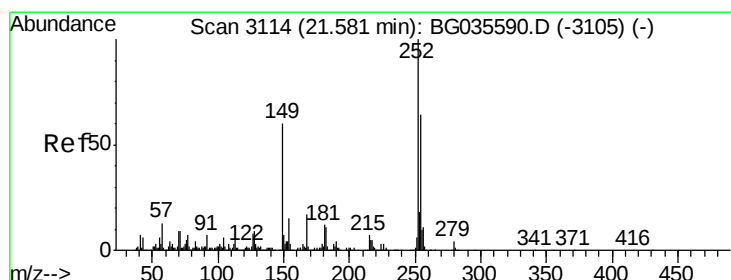
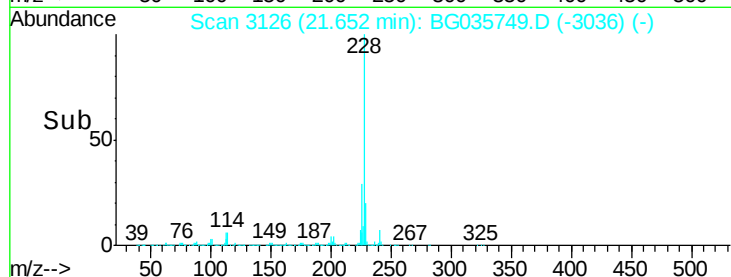
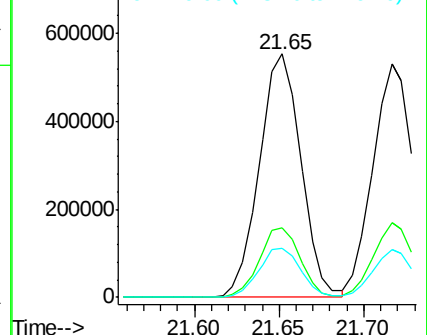
229 20.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.758 ng

RT: 21.56 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

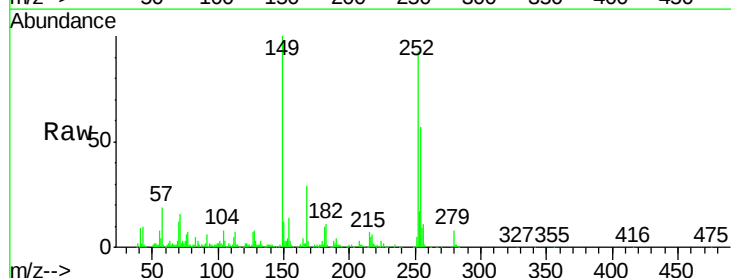
Tgt Ion:252 Resp: 167944

Ion Ratio Lower Upper

252 100

254 61.3 50.8 76.2

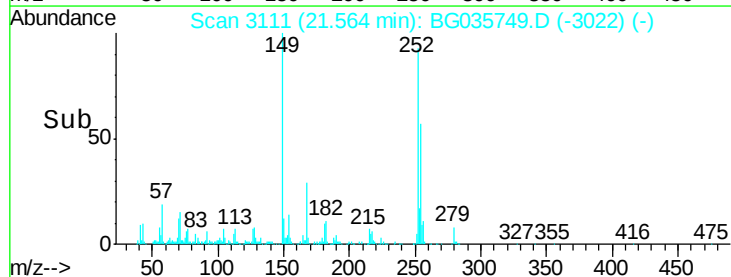
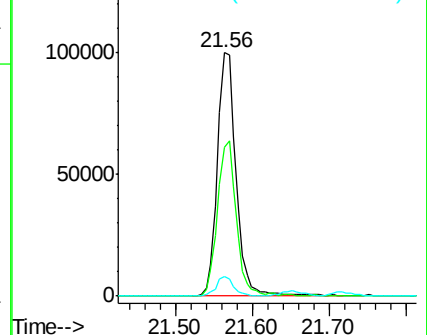
126 7.9 7.4 11.2

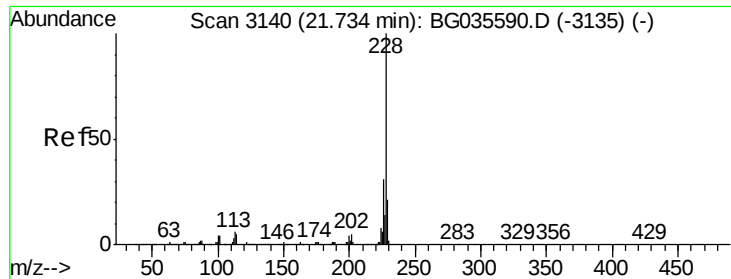


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 47.048 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

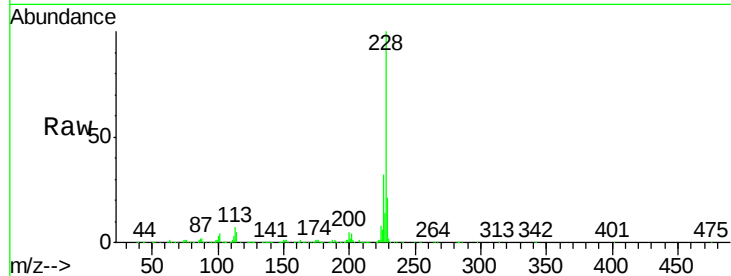
BNA_G

ClientSampleId :

PB111228BSD

Tgt Ion: 228 Resp: 883876

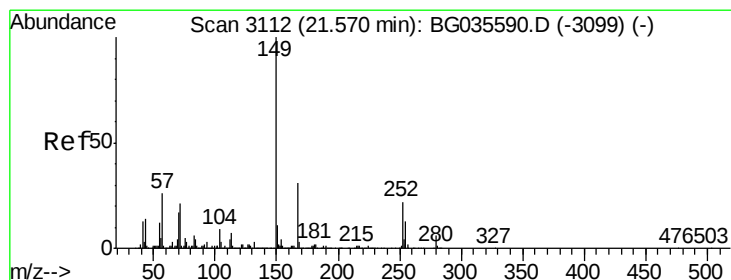
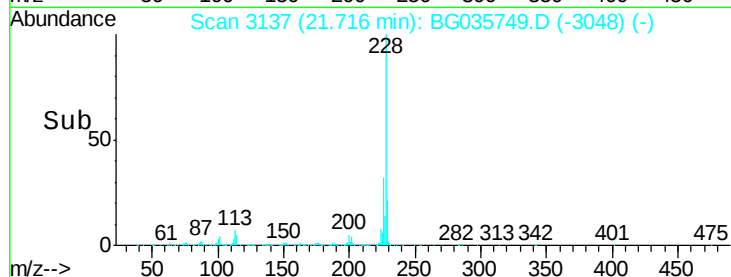
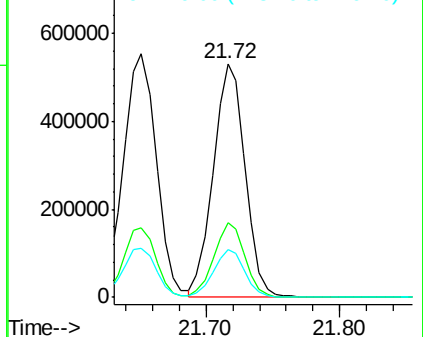
Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.7	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.600 ng

RT: 21.55 min Scan# 3109

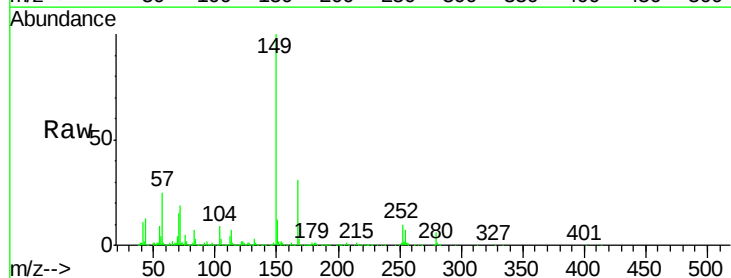
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion: 149 Resp: 486032

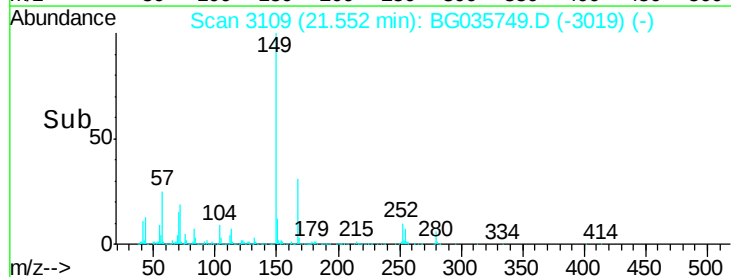
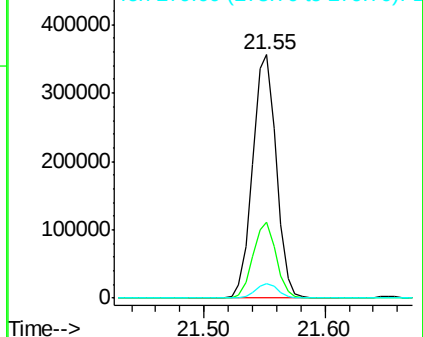
Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	6.0	4.0	6.0#

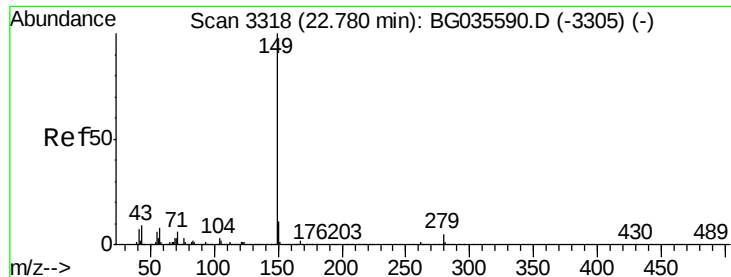


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

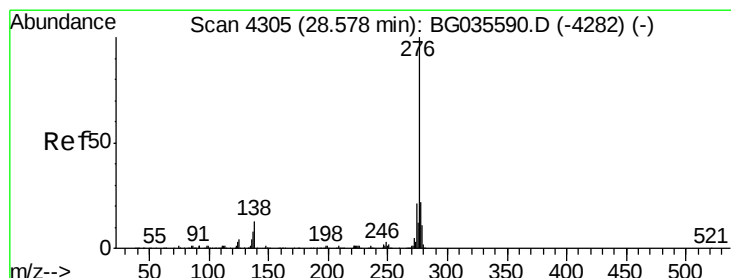
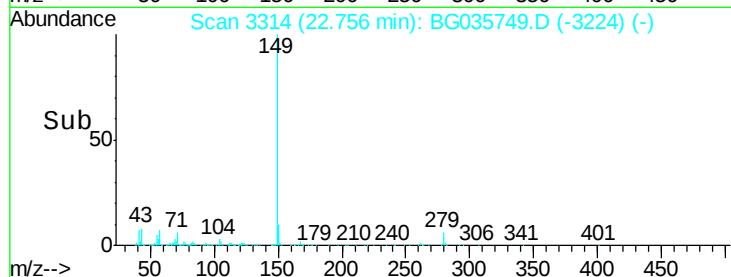
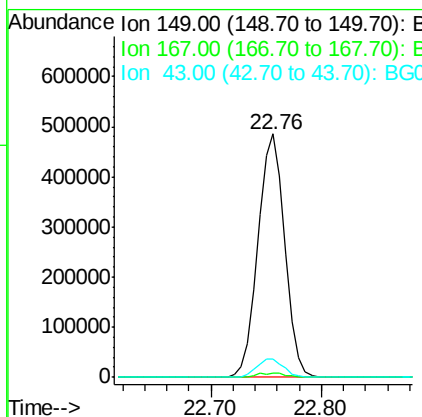
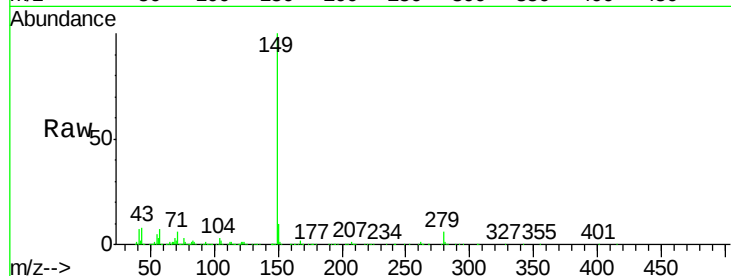




#84
Di-n-octyl phthalate
Concen: 49.255 ng
RT: 22.76 min Scan# 3314
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

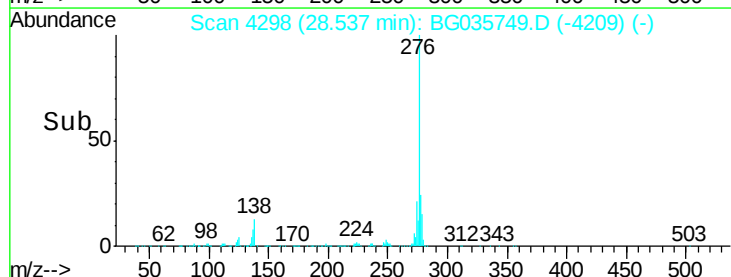
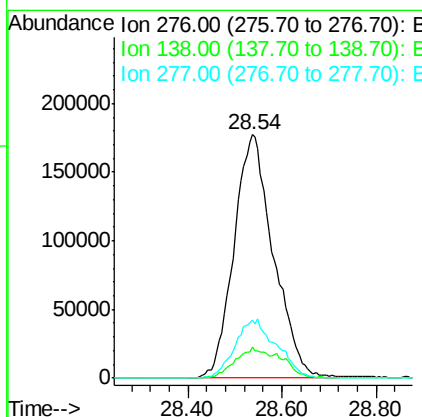
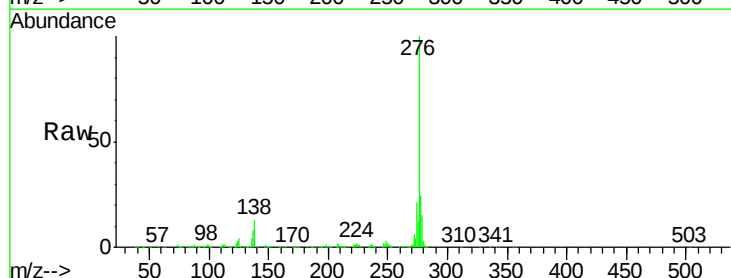
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

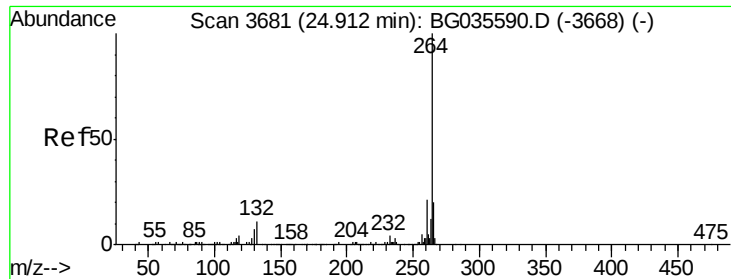
Tgt Ion:149 Resp: 824763
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 7.7 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.632 ng
RT: 28.54 min Scan# 4298
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion:276 Resp: 1032303
Ion Ratio Lower Upper
276 100
138 9.7 16.0 24.0#
277 25.4 20.0 30.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

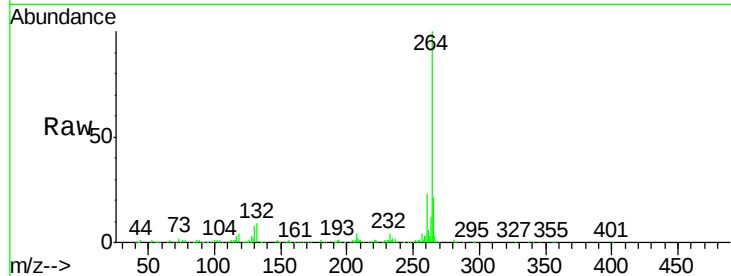
Tgt Ion:264 Resp: 314415

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

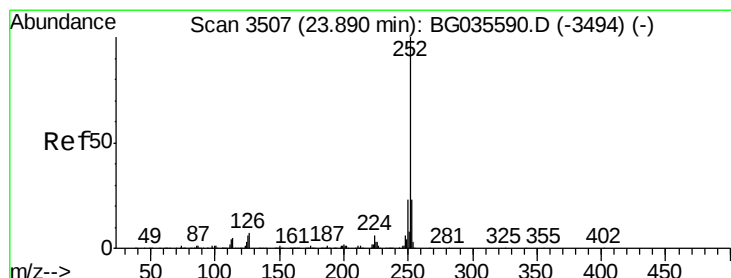
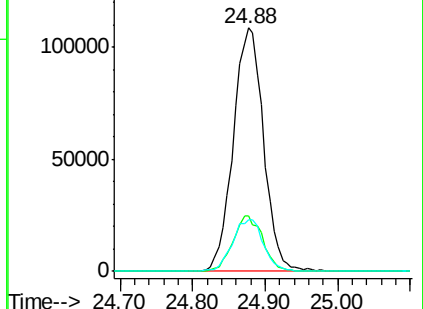
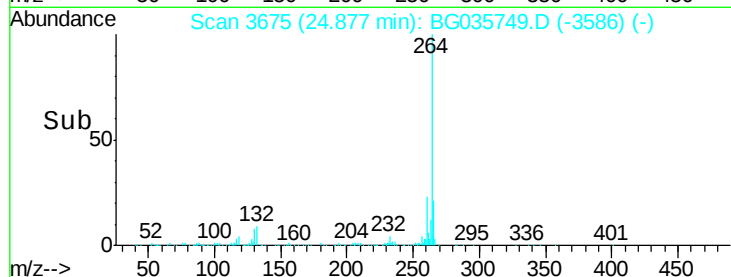
265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 48.226 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

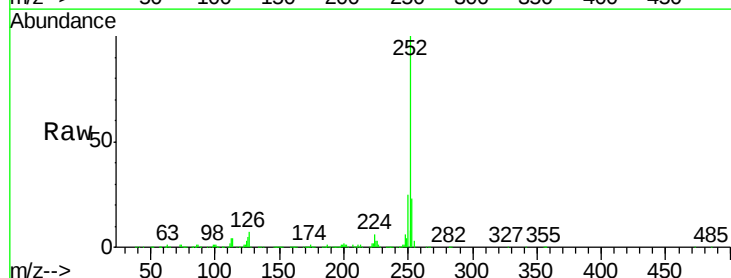
Tgt Ion:252 Resp: 921593

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

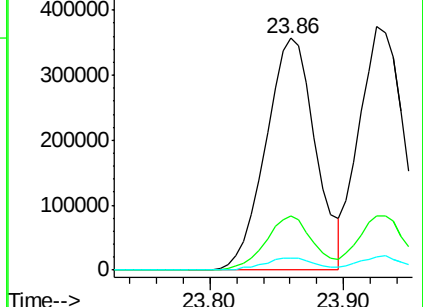
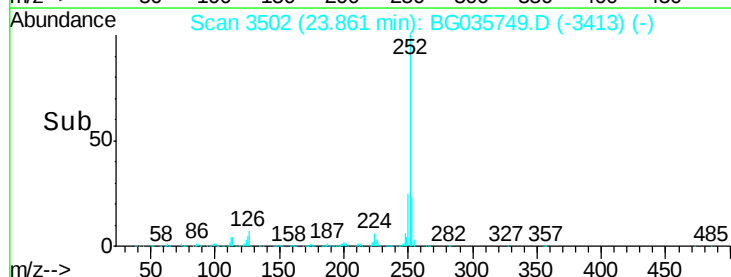
125 5.2 7.2 10.8#

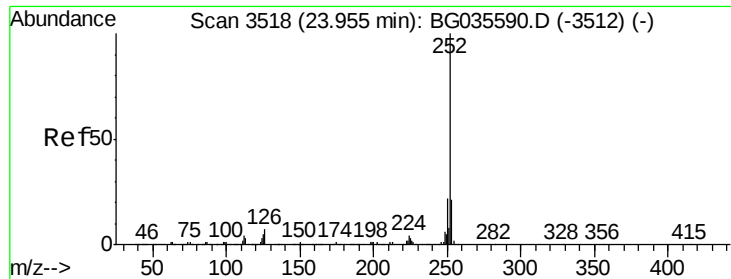


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

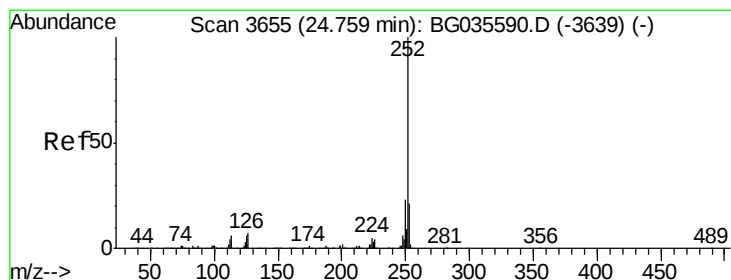
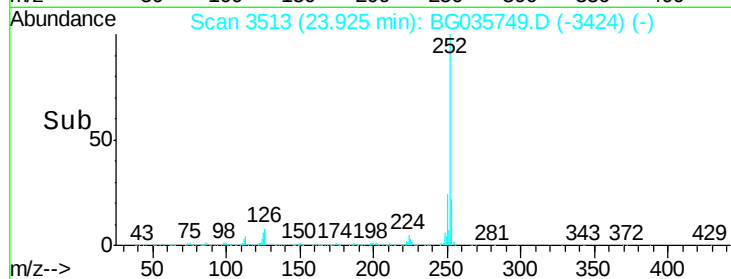
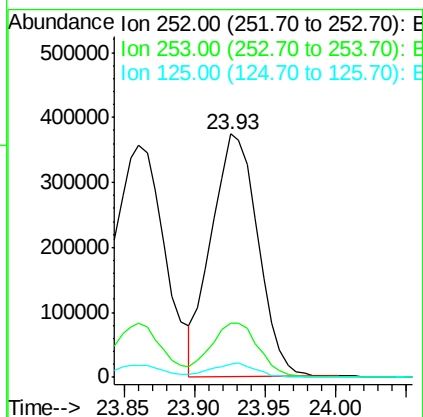
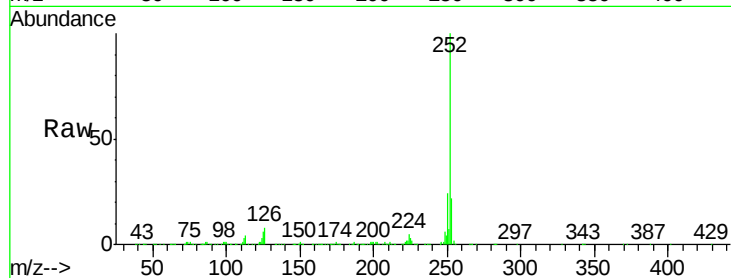




#88
Benzo(k)fluoranthene
Concen: 45.916 ng
RT: 23.93 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

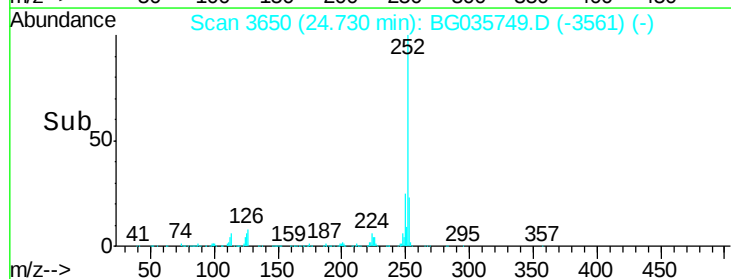
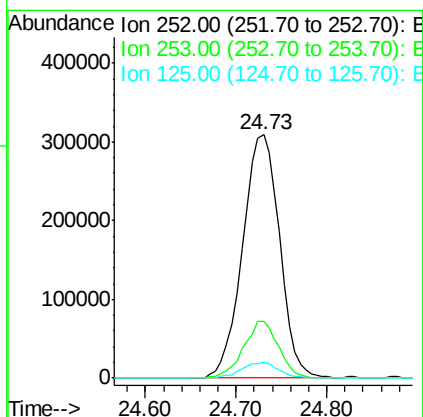
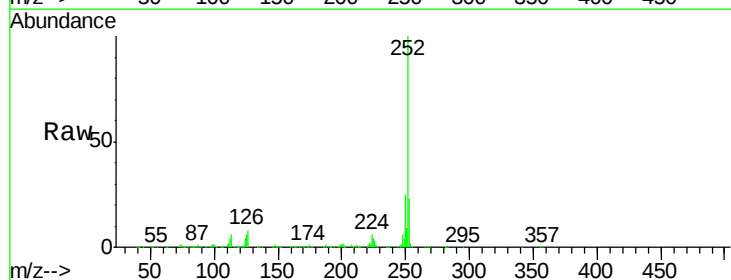
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

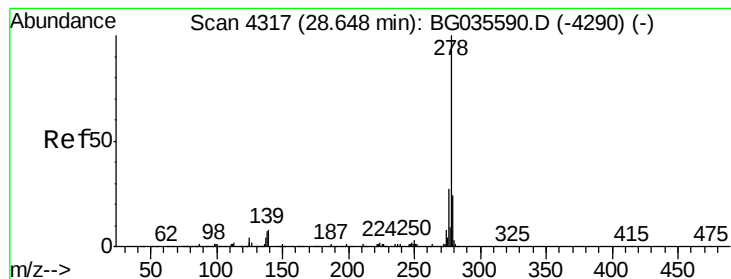
Tgt Ion: 252 Resp: 857836
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.6 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 49.499 ng
RT: 24.73 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion: 252 Resp: 880018
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 6.4 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 49.042 ng

RT: 28.60 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

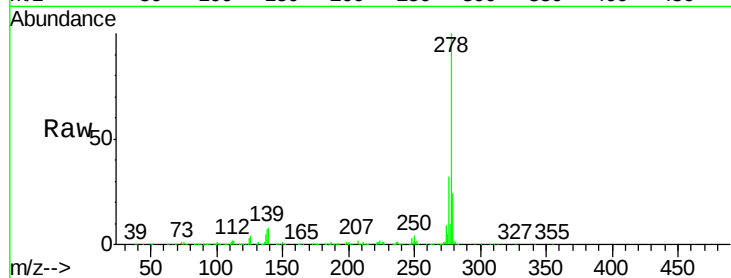
Tgt Ion:278 Resp: 855983

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

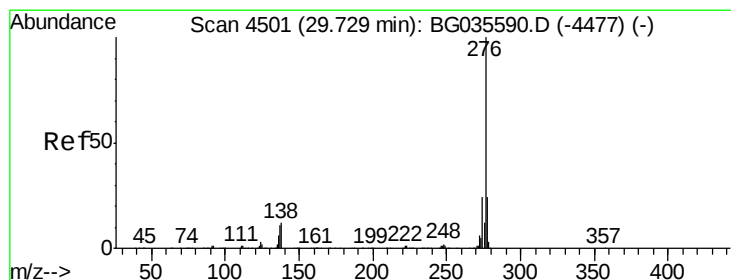
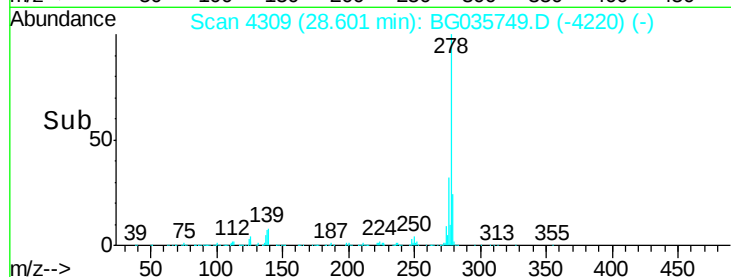
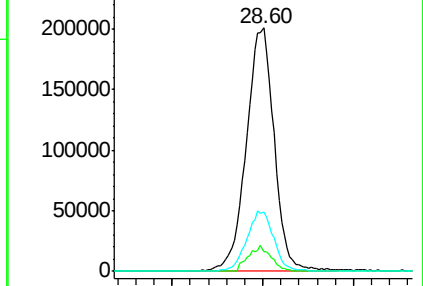
279 24.2 18.4 27.6



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: 49.673 ng

RT: 29.68 min Scan# 4493

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

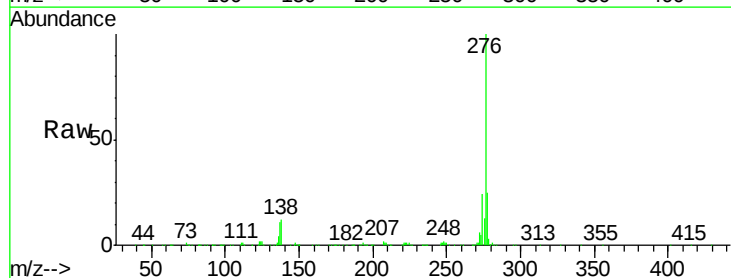
Tgt Ion:276 Resp: 848398

Ion Ratio Lower Upper

276 100

277 25.1 18.3 27.5

138 12.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

