

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036179.D
 Acq On : 8 Aug 2018 2:15
 Operator : JU/SJ
 Sample : PB111803BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 03:23:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26701	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	102548	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	74379	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	212262	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	238485	20.00	ng	-0.02
86) Perylene-d12	24.82	264	227391	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	216305	134.50	ng	0.00
7) Phenol-d6	7.19	99	310078	129.23	ng	-0.01
23) Nitrobenzene-d5	9.17	82	199021	81.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	157989	161.15	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	476502	85.83	ng	-0.02
78) Terphenyl-d14	19.99	244	1013693	93.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	28149	34.389	ng	# 75
3) Pyridine	3.90	79	76875	35.975	ng	# 68
4) n-Nitrosodimethylamine	3.81	42	33133	36.111	ng	# 87
6) Aniline	7.34	93	96086	30.895	ng	96
8) 2-Chlorophenol	7.58	128	70522	43.115	ng	95
9) Benzaldehyde	7.16	77	39316	26.704	ng	98
10) Phenol	7.21	94	104661	43.173	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	70034	36.889	ng	90
12) 1,3-Dichlorobenzene	8.04	146	86017	43.547	ng	95
13) 1,4-Dichlorobenzene	8.04	146	86017	42.860	ng	94
14) 1,2-Dichlorobenzene	8.36	146	81883	42.470	ng	98
15) Benzyl Alcohol	8.25	79	79631	36.545	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75908	47.691	ng	75
17) 2-Methylphenol	8.46	107	69129	41.941	ng	# 91
18) Hexachloroethane	9.09	117	32225	41.995	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	65595	32.463	ng	# 80
20) 3+4-Methylphenols	8.78	107	96318	42.124	ng	93
22) Acetophenone	8.83	105	124754	39.121	ng	# 90
24) Nitrobenzene	9.21	77	99961	40.490	ng	90
25) Isophorone	9.74	82	181734	39.881	ng	98
26) 2-Nitrophenol	9.92	139	41882	47.768	ng	# 89
27) 2,4-Dimethylphenol	9.99	122	74055	49.897	ng	88
28) bis(2-Chloroethoxy)methane	10.22	93	97746	38.927	ng	99
29) 2,4-Dichlorophenol	10.47	162	84213	49.707	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	93091	44.810	ng	96
31) Naphthalene	10.86	128	220876	41.348	ng	97
32) Benzoic acid	10.16	122	27995	28.020	ng	92
33) 4-Chloroaniline	10.98	127	56439	24.241	ng	# 94
34) Hexachlorobutadiene	11.14	225	73956	45.653	ng	97
35) Caprolactam	11.76	113	19613	26.977	ng	# 66
36) 4-Chloro-3-methylphenol	12.10	107	102173	44.993	ng	94
37) 2-Methylnaphthalene	12.46	142	175028	43.980	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	122483	43.630	ng	99
40) Hexachlorocyclopentadiene	12.81	237	146082	99.222	ng	92

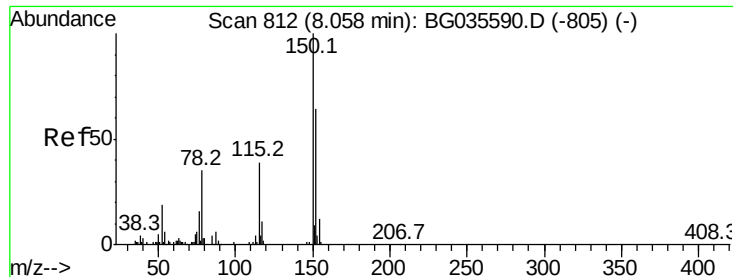
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036179.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	80950	49.308	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	84298	45.899	nq	93
45) 1,1'-Biphenyl	13.47	154	240214	41.656	nq	96
46) 2-Chloronaphthalene	13.51	162	190918	42.564	nq	98
47) 2-Nitroaniline	13.72	65	68271	43.052	nq	95
48) Acenaphthylene	14.36	152	316338	42.102	nq	97
49) Dimethylphthalate	14.09	163	266111	40.835	nq	98
50) 2,6-Dinitrotoluene	14.21	165	64081	48.289	nq	89
51) Acenaphthene	14.70	154	183948	39.301	nq	98
52) 3-Nitroaniline	14.55	138	42315	31.198	nq #	92
53) 2,4-Dinitrophenol	14.75	184	64523	93.353	nq #	69
54) Dibenzofuran	15.03	168	318799	42.827	nq	93
55) 4-Nitrophenol	14.86	139	75009	77.655	nq #	85
56) 2,4-Dinitrotoluene	15.00	165	91521	48.072	nq #	91
57) Fluorene	15.68	166	268467	43.031	nq	93
58) 2,3,4,6-Tetrachlorophenol	15.26	232	88420	50.212	nq #	94
59) Diethylphthalate	15.45	149	271487	40.515	nq	98
60) 4-Chlorophenyl-phenylether	15.67	204	153064	41.741	nq	97
61) 4-Nitroaniline	15.71	138	59373	41.848	nq #	81
62) Azobenzene	15.96	77	272023	41.156	nq	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	55504	46.974	nq	83
65) n-Nitrosodiphenylamine	15.89	169	241590	39.987	nq	95
66) 4-Bromophenyl-phenylether	16.57	248	108288	43.973	nq	95
67) Hexachlorobenzene	16.68	284	111361	43.912	nq	97
68) Atrazine	16.84	200	115553	46.452	nq	93
69) Pentachlorophenol	17.03	266	108935	70.523	nq	100
70) Phenanthrene	17.42	178	451257	42.606	nq	99
71) Anthracene	17.51	178	457579	43.388	nq	98
72) Carbazole	17.78	167	418657	41.801	nq	99
73) Di-n-butylphthalate	18.34	149	485059	40.983	nq	98
74) Fluoranthene	19.43	202	619676	43.435	nq	97
76) Benzidine	19.61	184	239952	38.271	nq	96
77) Pyrene	19.79	202	615385	40.809	nq	98
79) Butylbenzylphthalate	20.67	149	233305	43.264	nq #	93
80) Benzo(a)anthracene	21.62	228	619497	41.684	nq	99
81) 3,3'-Dichlorobenzidine	21.54	252	160358	30.945	nq	98
82) Chrysene	21.69	228	587693	42.673	nq	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	319194	43.539	nq	99
84) Di-n-octyl phthalate	22.71	149	536598	43.714	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	650369	42.654	nq #	87
87) Benzo(b)fluoranthene	23.82	252	594967	43.049	nq #	97
88) Benzo(k)fluoranthene	23.89	252	568784	42.096	nq #	97
89) Benzo(a)pyrene	24.67	252	573519	44.605	nq #	95
90) Dibenzo(a,h)anthracene	28.51	278	543439	43.051	nq #	97
91) Benzo(g,h,i)perylene	29.59	276	551512	44.649	nq #	93

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

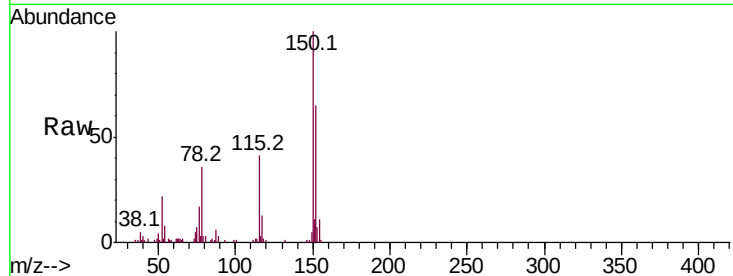


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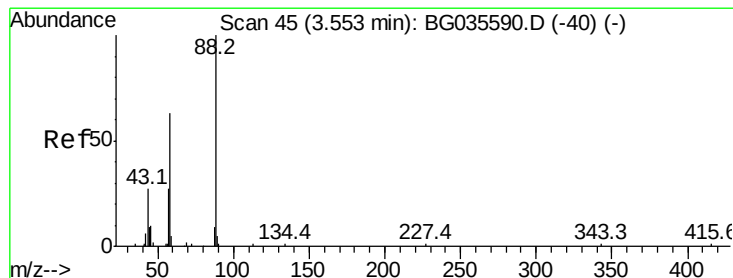
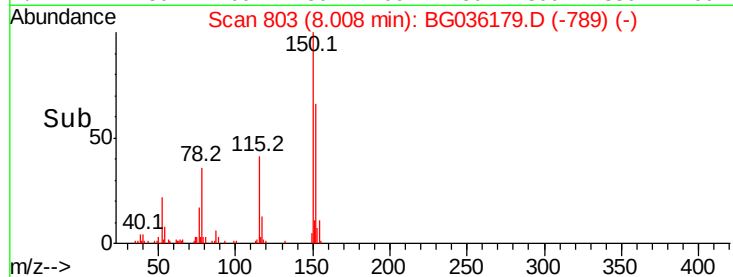
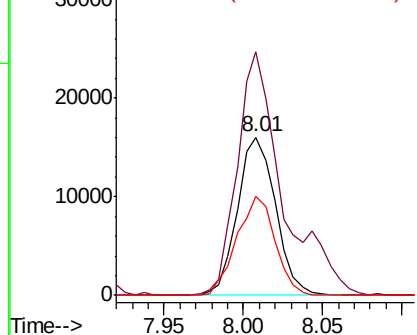
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26701
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 62.8 53.0 79.4



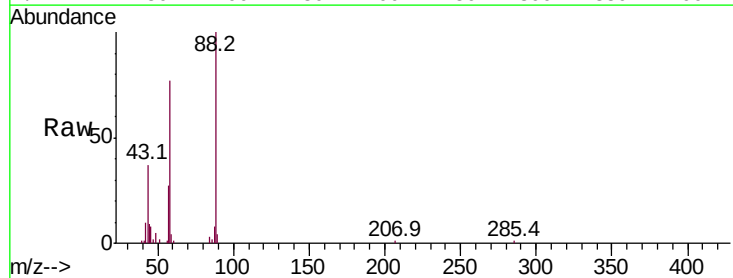
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



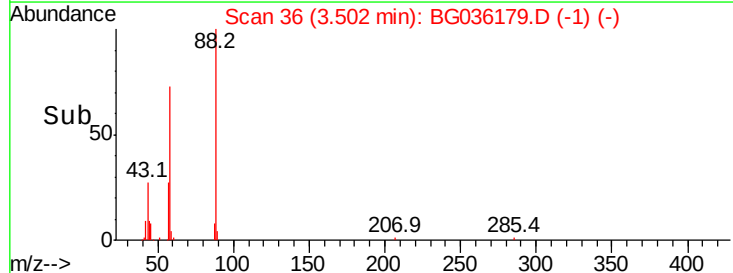
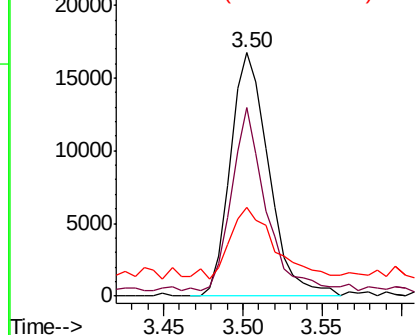
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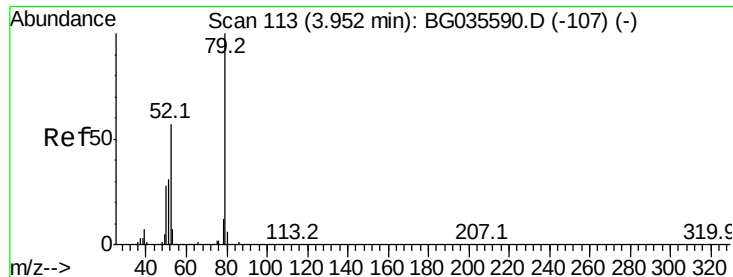
1,4-Dioxane
Concen: 34.389 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion: 88 Resp: 28149
Ion Ratio Lower Upper
88 100
58 67.5 79.6 119.4#
43 31.3 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

Pvridine

Concen: 35.975 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

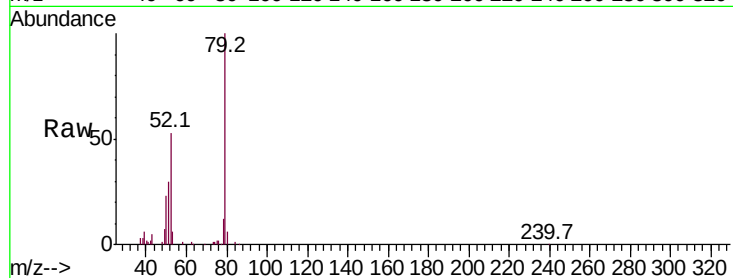
Tot Ion: 79 Resp: 76875

Ion Ratio Lower Upper

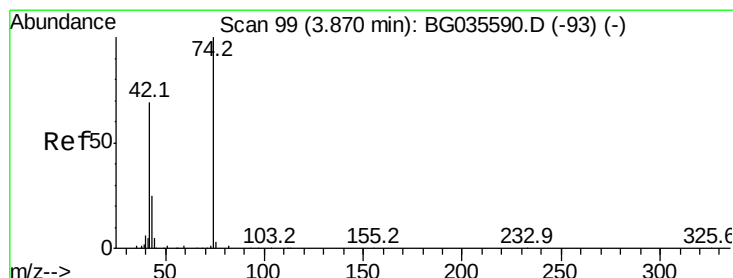
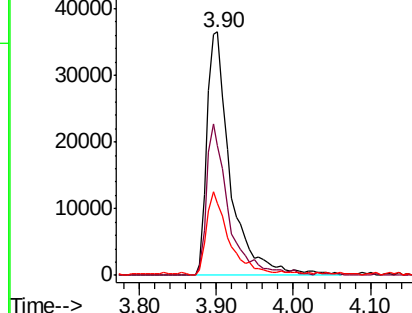
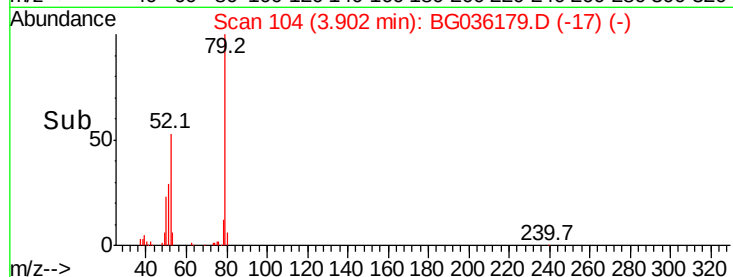
79 100

52 53.2 69.9 104.9#

51 29.5 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: 36.111 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

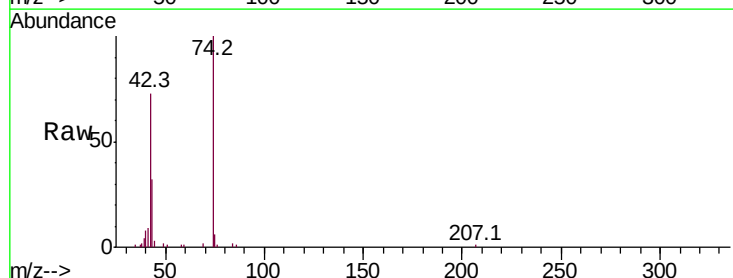
Tgt Ion: 42 Resp: 33133

Ion Ratio Lower Upper

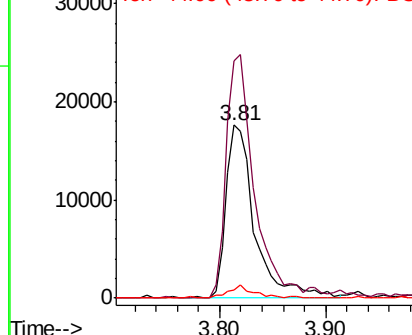
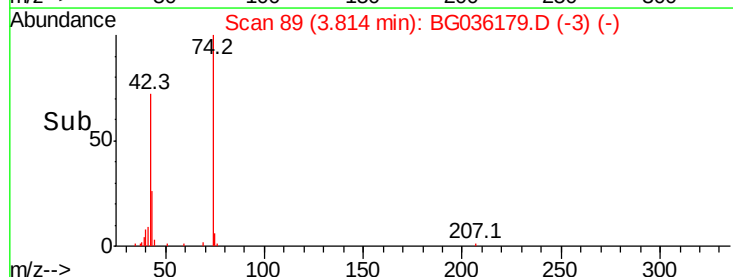
42 100

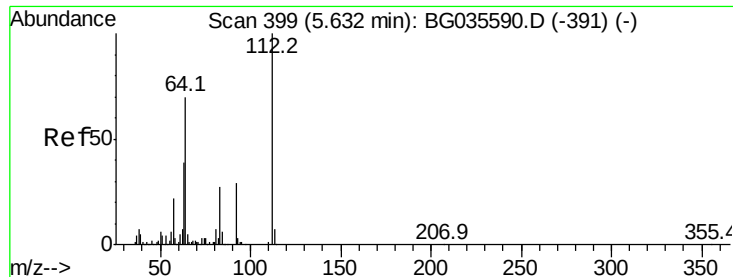
74 137.2 102.5 153.7

44 4.8 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: 134.496 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG036179.D

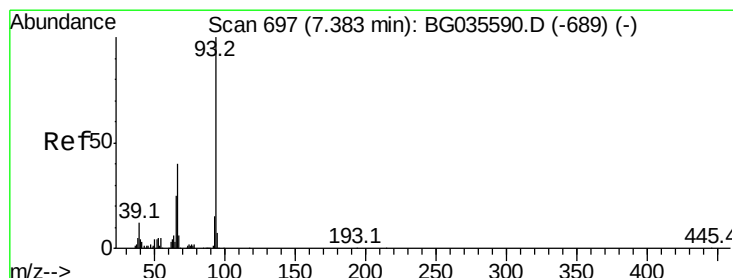
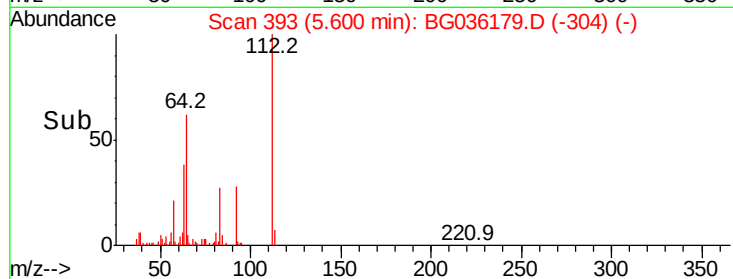
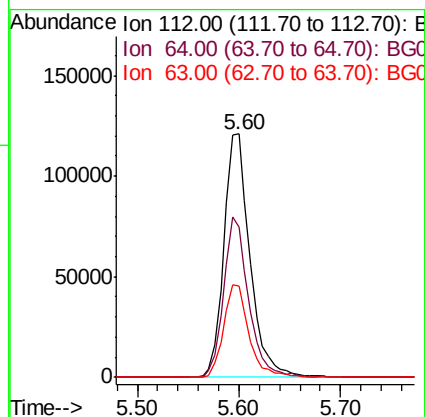
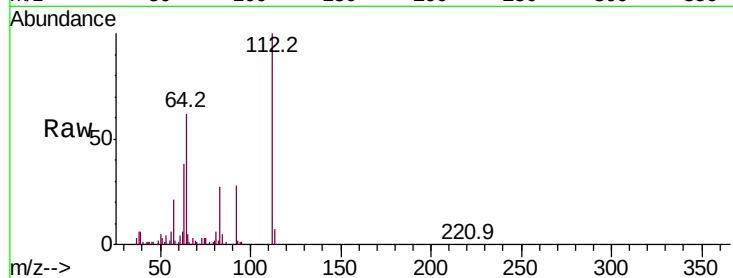
Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	216305
Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	37.7	30.1	45.1



#6

Aniline

Concen: 30.895 ng

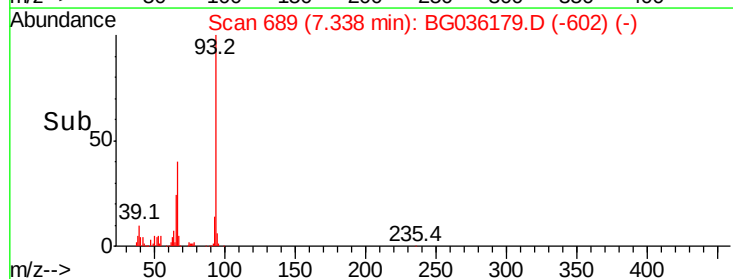
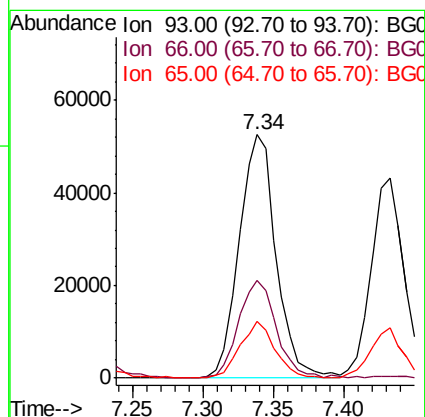
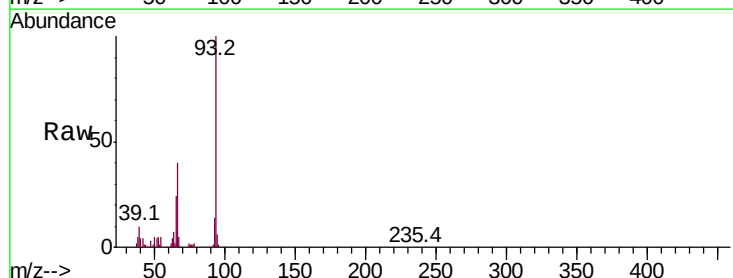
RT: 7.34 min Scan# 689

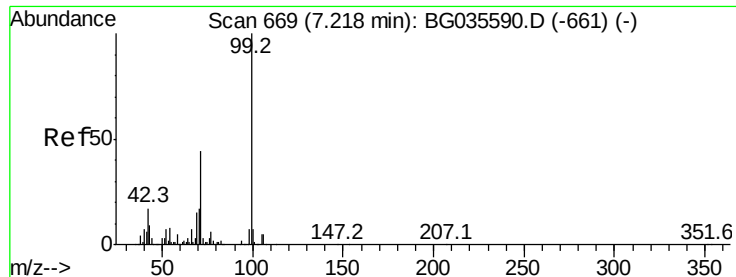
Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Tgt Ion:	93	Resp:	96086
Ion	Ratio	Lower	Upper
93	100		
66	40.3	33.7	50.5
65	23.5	16.1	24.1





#7

Phenol-d6

Concen: 129.225 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

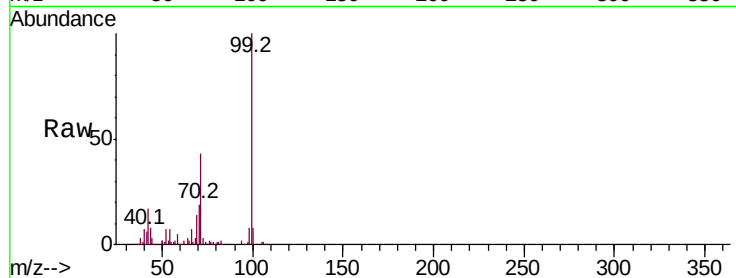
Tot Ion: 99 Resp: 310078

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

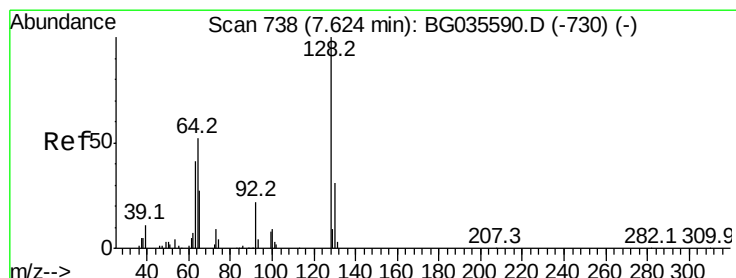
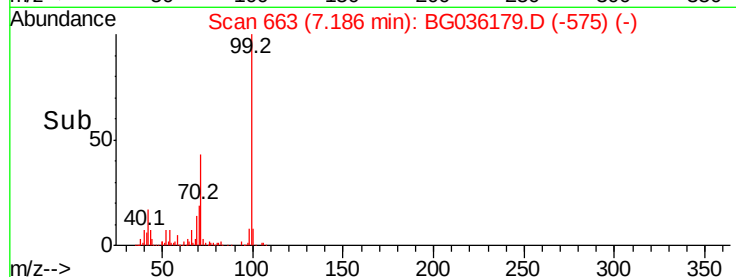
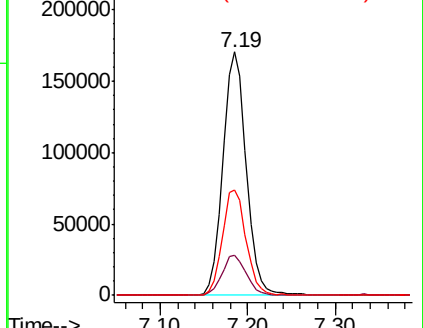
71 43.5 26.1 39.1#



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: 43.115 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

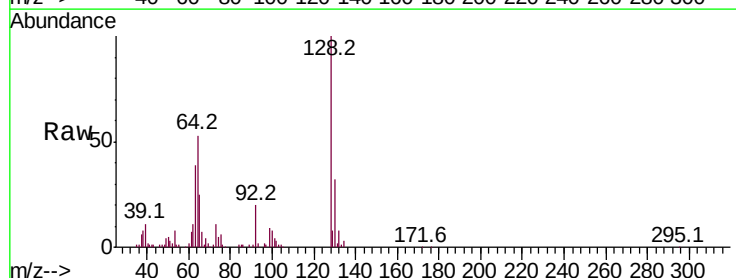
Tgt Ion:128 Resp: 70522

Ion Ratio Lower Upper

128 100

130 32.2 14.0 54.0

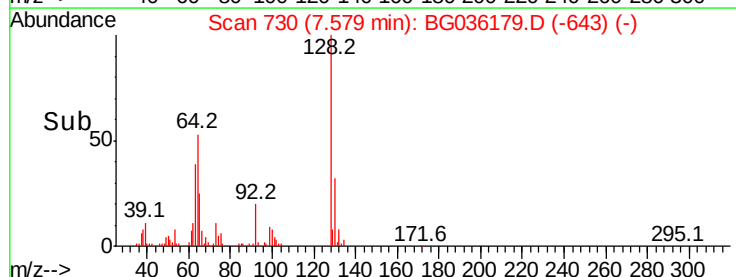
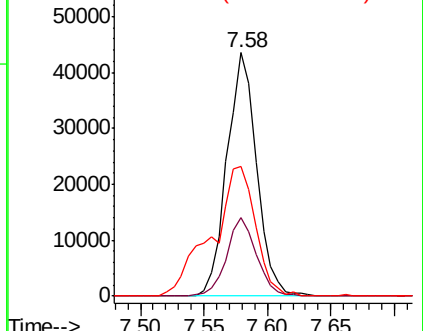
64 53.3 37.7 77.7

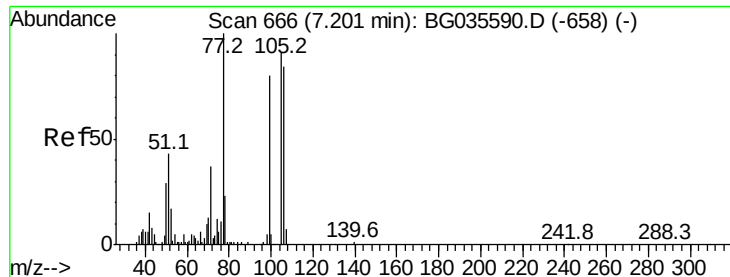


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.704 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

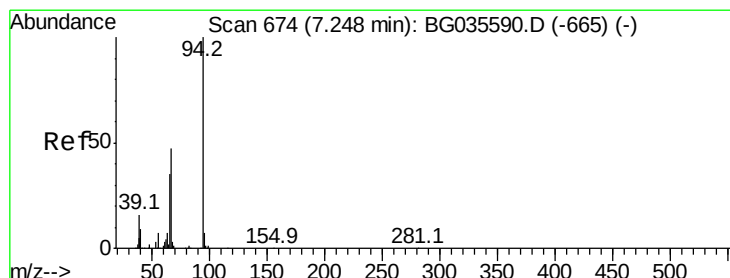
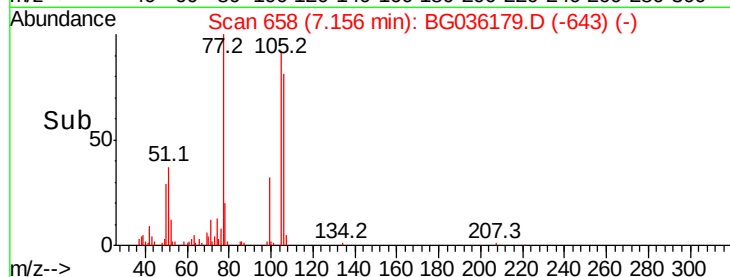
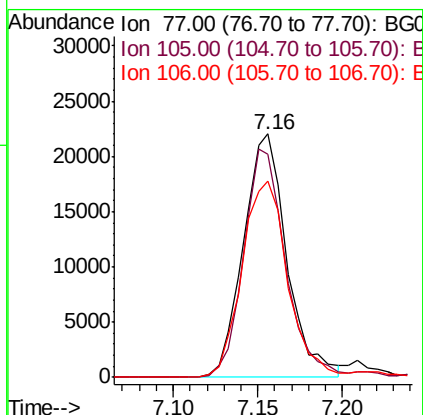
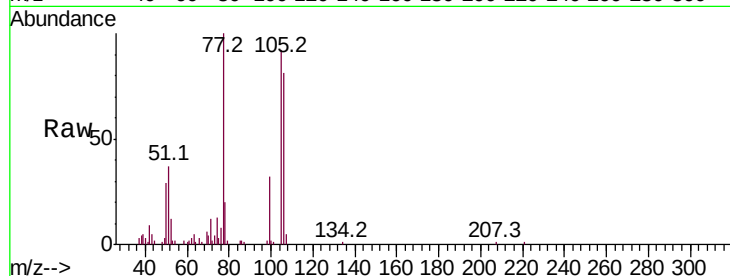
Tot Ion: 77 Resp: 39316

Ion Ratio Lower Upper

77 100

105 91.8 71.3 111.3

106 80.7 64.2 104.2



#10

Phenol

Concen: 43.173 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

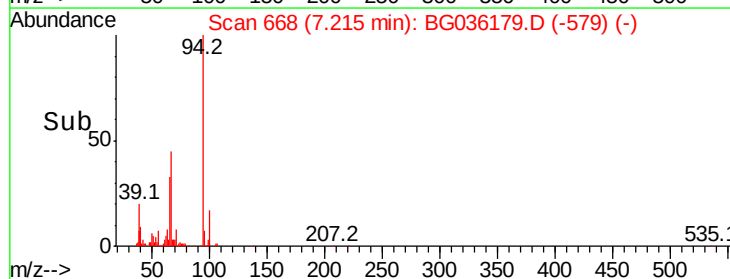
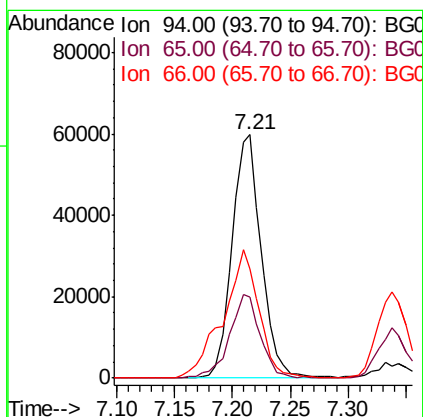
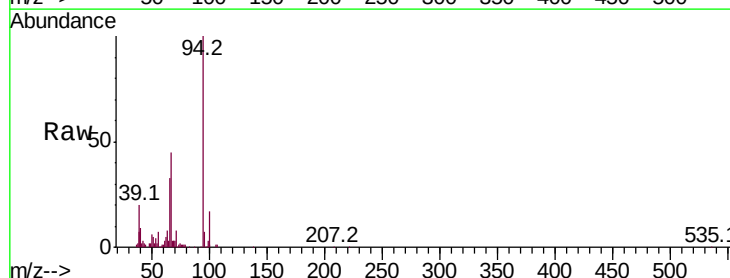
Tgt Ion: 94 Resp: 104661

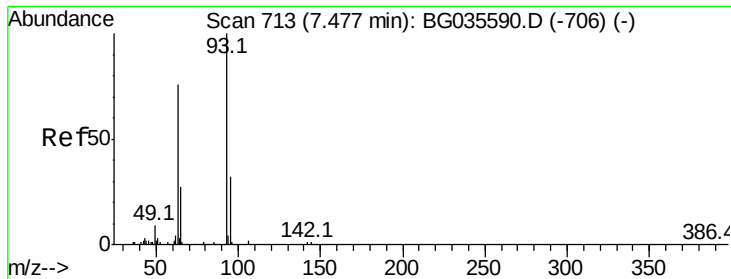
Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

66 44.7 22.2 62.2

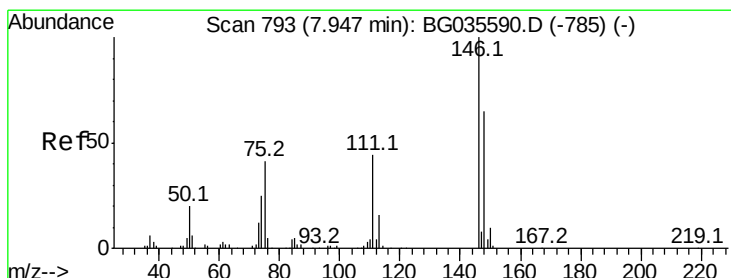
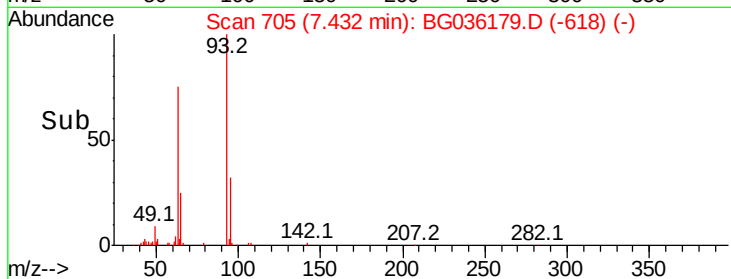
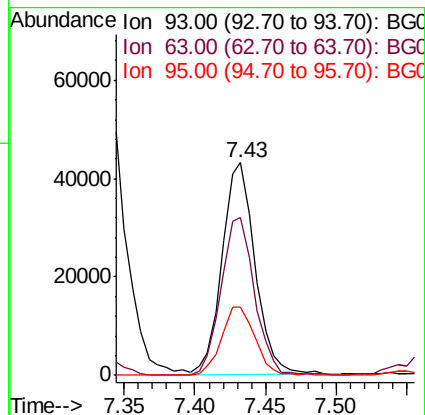
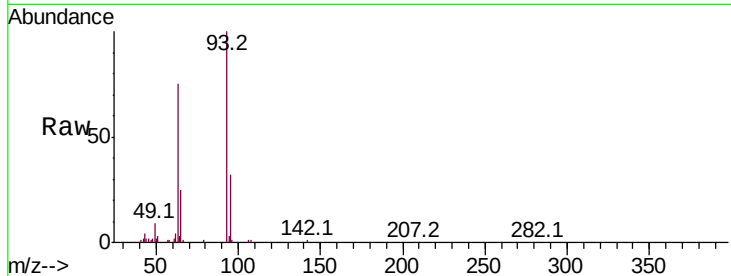




#11
 bis(2-Chloroethyl)ether
 Concen: 36.889 ng
 RT: 7.43 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

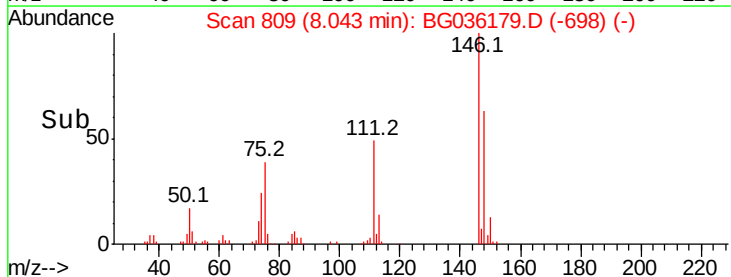
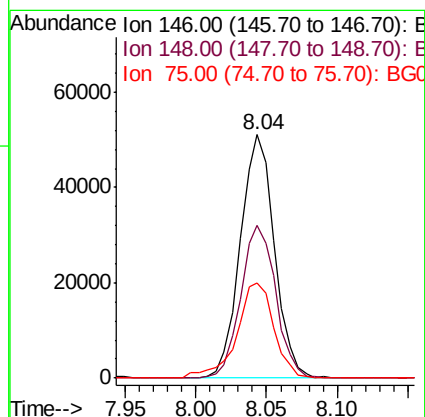
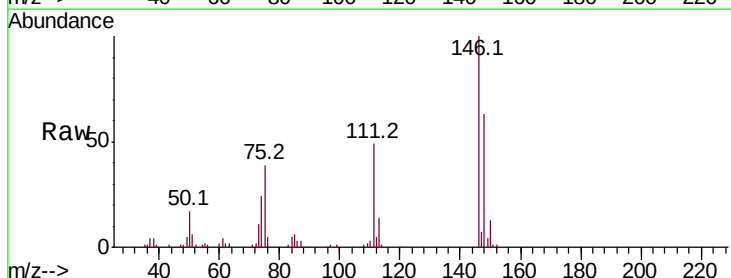
Instrument :
 BNA_G
 ClientSampleId :

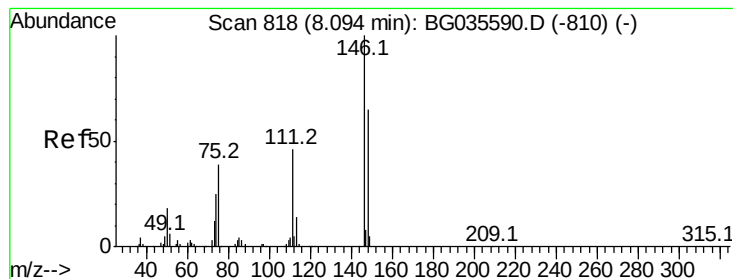
Tot Ion: 93 Resp: 70034
 Ion Ratio Lower Upper
 93 100
 63 74.5 67.1 107.1
 95 32.4 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.547 ng
 RT: 8.04 min Scan# 809
 Delta R.T. 0.12 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion: 146 Resp: 86017
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.2
 75 39.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.860 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

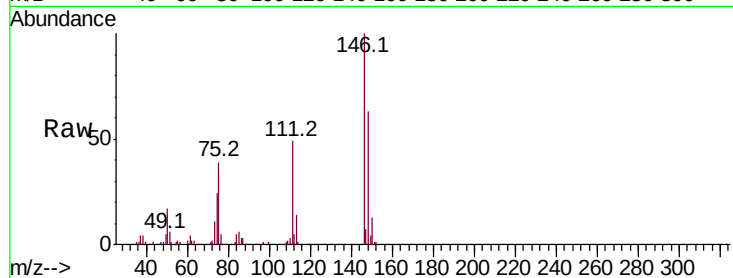
Tot Ion:146 Resp: 86017

Ion Ratio Lower Upper

146 100

148 62.7 53.7 80.5

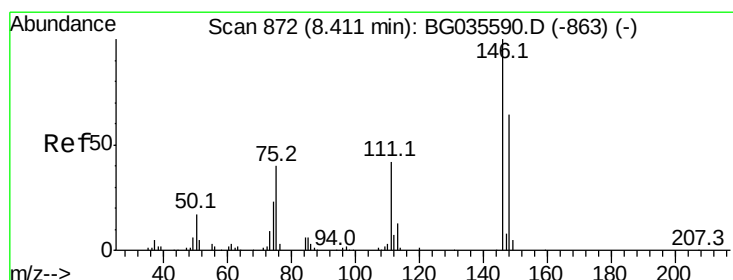
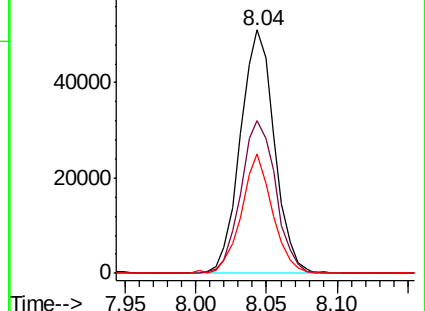
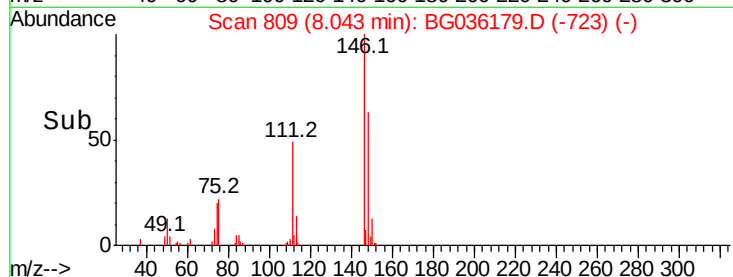
111 48.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.470 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

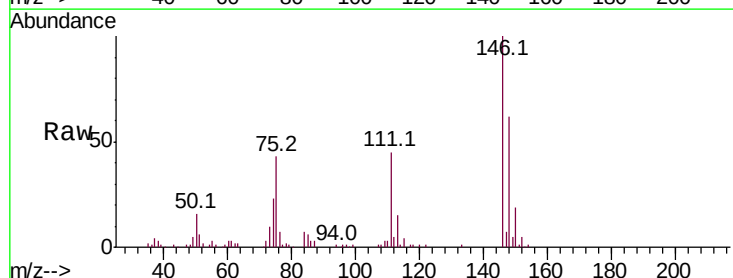
Tgt Ion:146 Resp: 81883

Ion Ratio Lower Upper

146 100

148 62.4 49.3 73.9

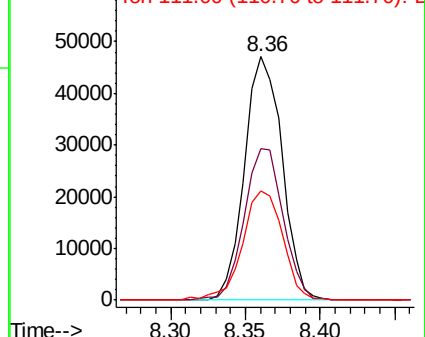
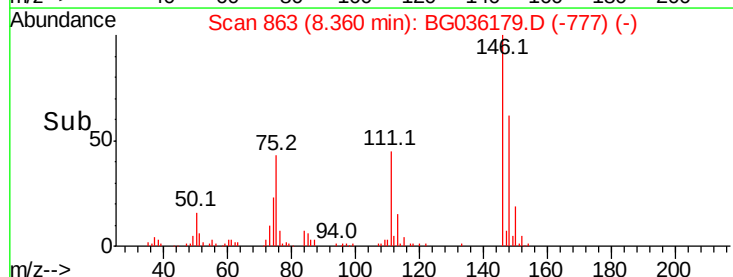
111 44.7 34.3 51.5

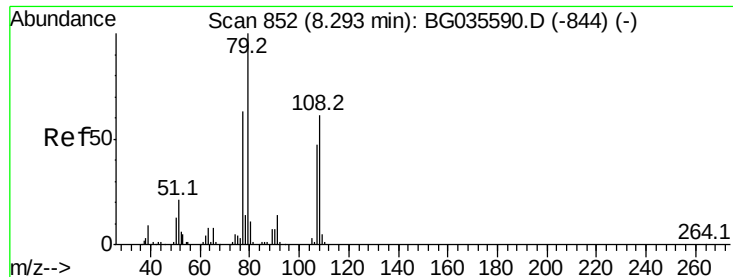


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

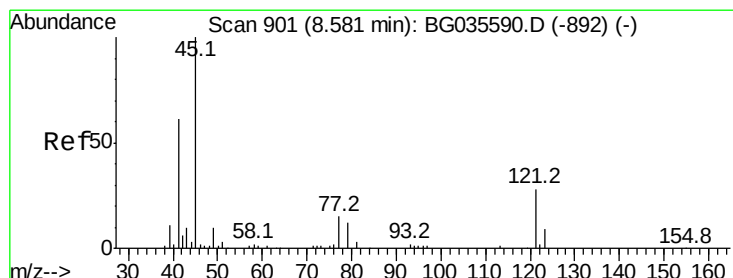
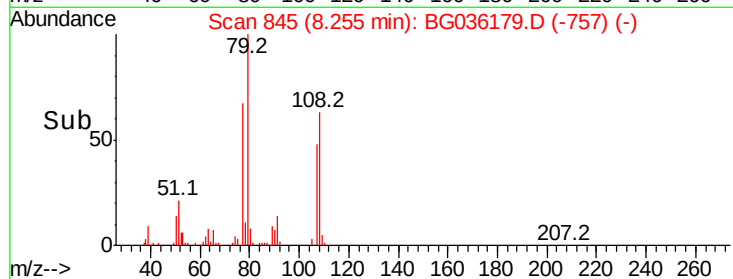
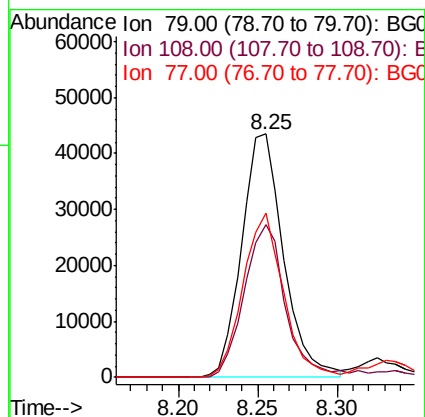
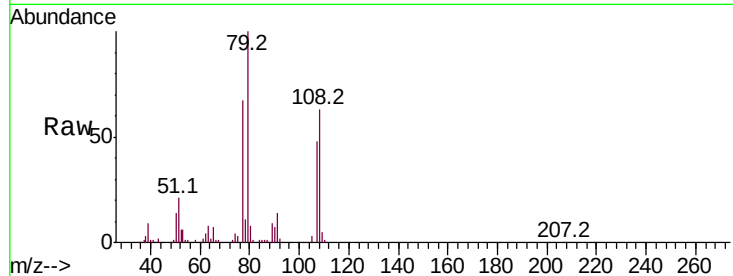




#15
Benzyl Alcohol
Concen: 36.545 ng
RT: 8.25 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

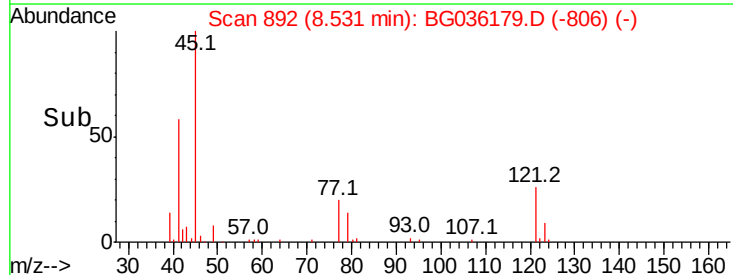
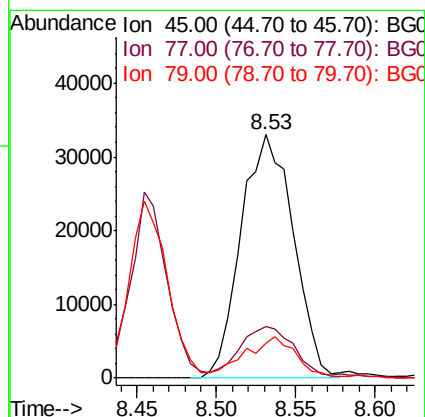
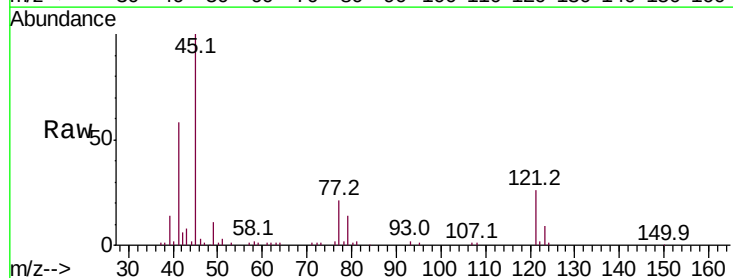
Instrument :
BNA_G
ClientSampled :

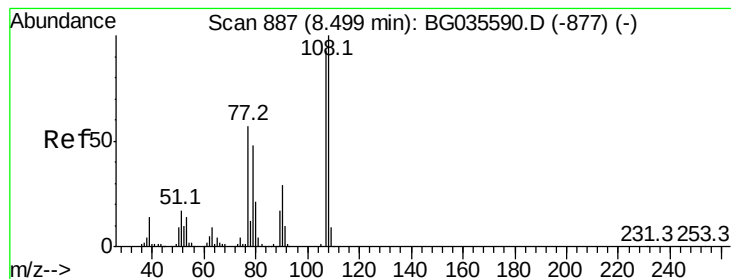
Tot Ion: 79 Resp: 79631
Ion Ratio Lower Upper
79 100
108 62.5 57.2 85.8
77 67.3 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.691 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion: 45 Resp: 75908
Ion Ratio Lower Upper
45 100
77 21.4 0.0 30.2
79 14.4 0.0 27.9

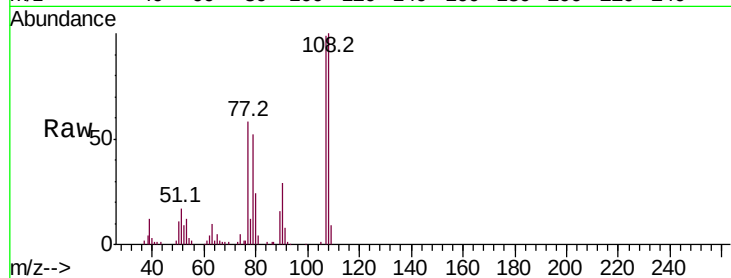




#17
2-Methylphenol
Concen: 41.941 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	100.8	83.9	125.9
77	58.1	37.2	55.8
79	52.4	36.2	54.2



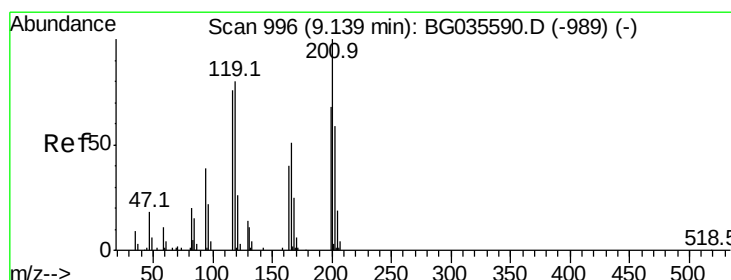
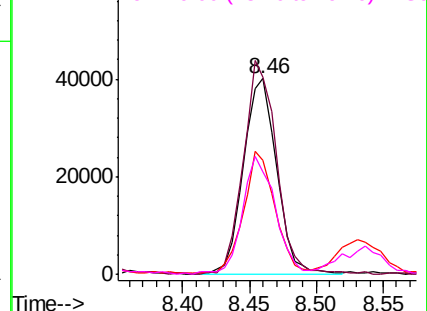
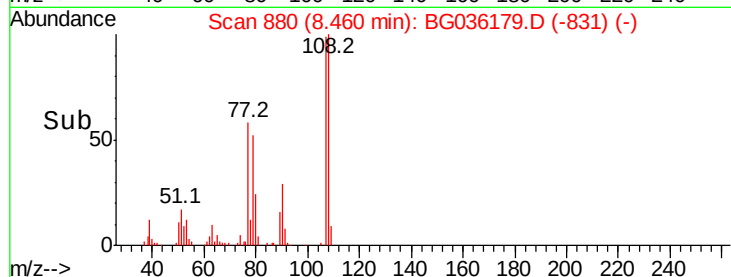
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

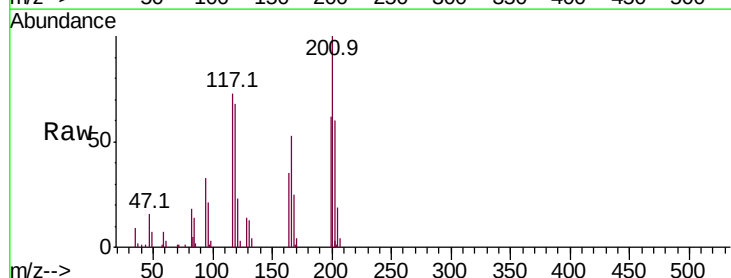
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.995 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.7	115.1
201	136.5	95.7	143.5

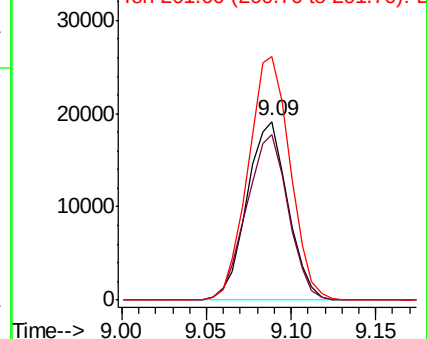
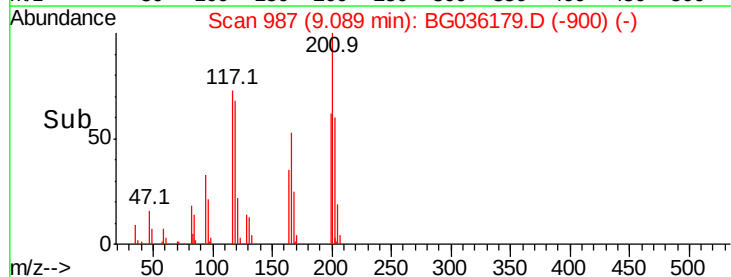


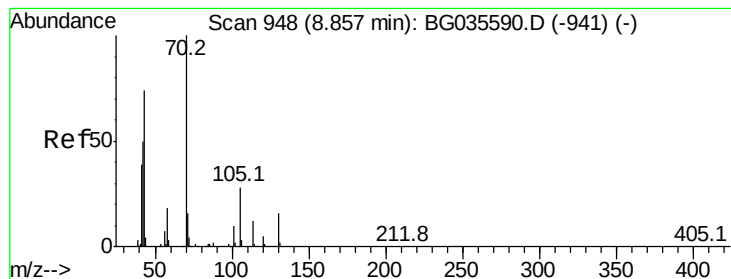
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.463 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 65595

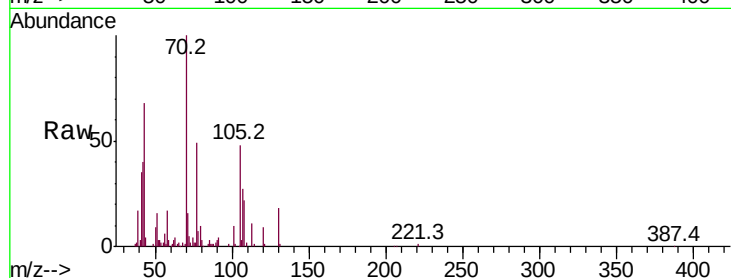
Ion Ratio Lower Upper

70 100

42 40.1 49.1 73.7#

101 10.4 8.5 12.7

130 18.0 13.4 20.0



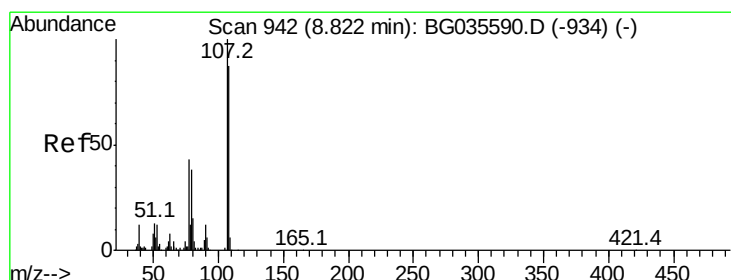
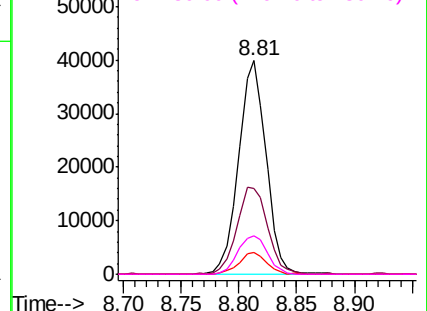
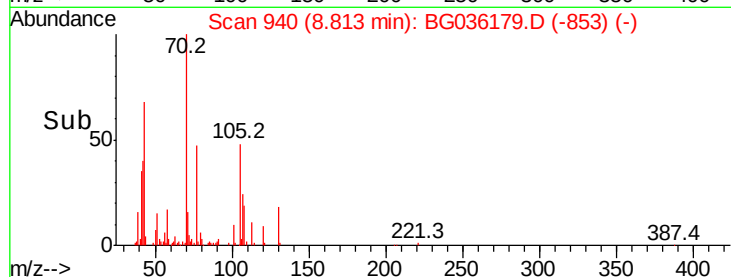
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.124 ng

RT: 8.78 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Tgt Ion:107 Resp: 96318

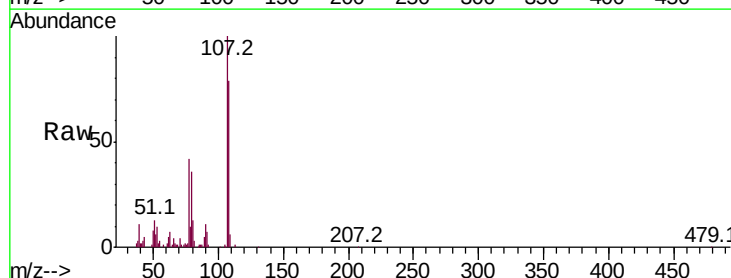
Ion Ratio Lower Upper

107 100

108 79.0 61.6 101.6

77 41.7 13.9 53.9

79 35.7 8.8 48.8



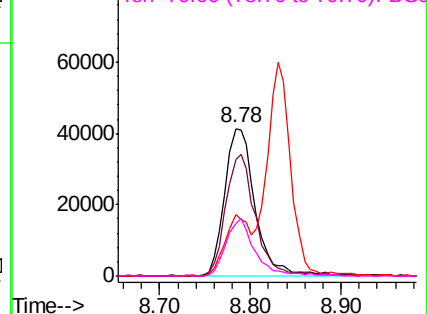
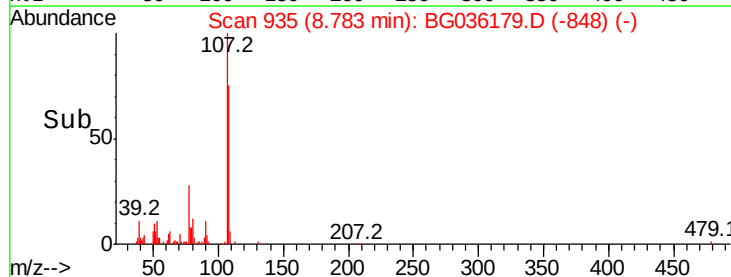
Abundance

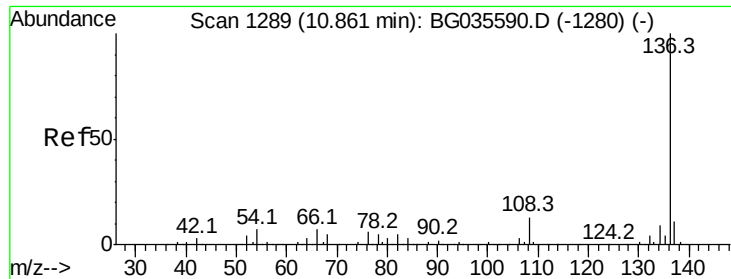
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

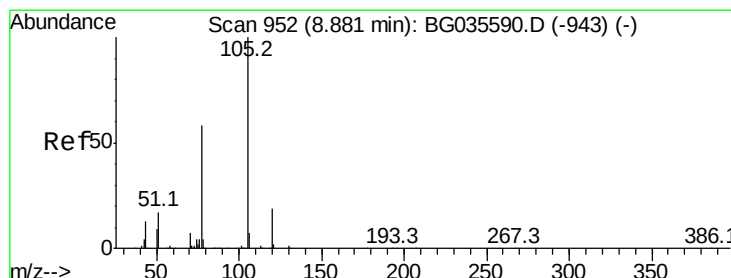
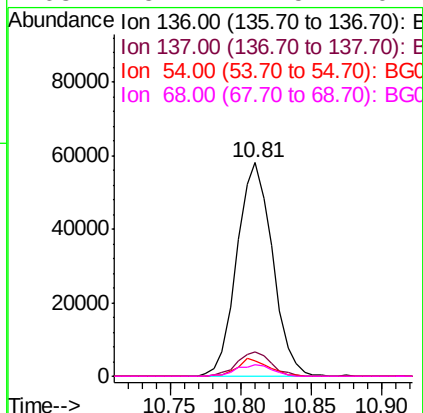
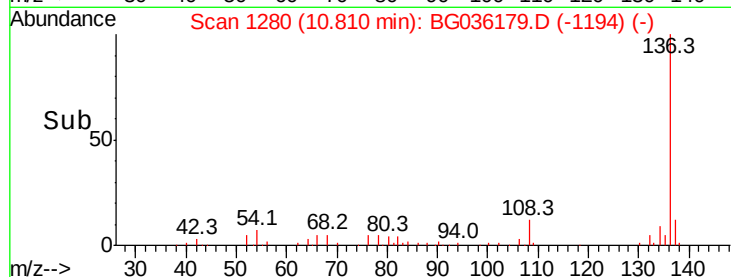
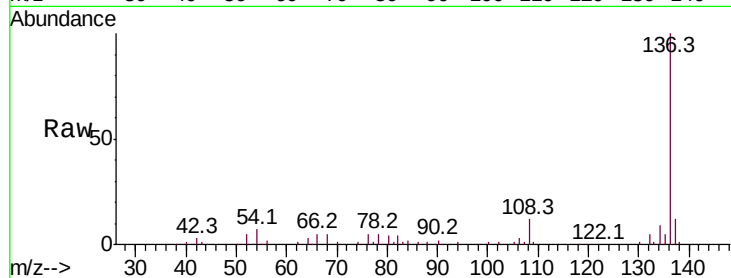




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

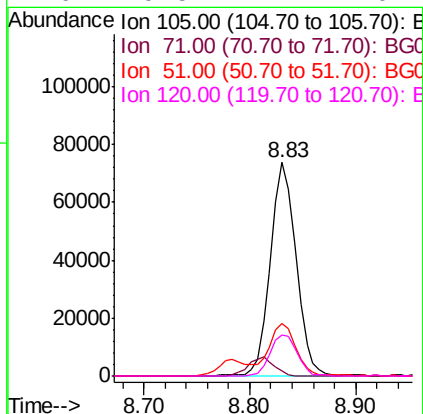
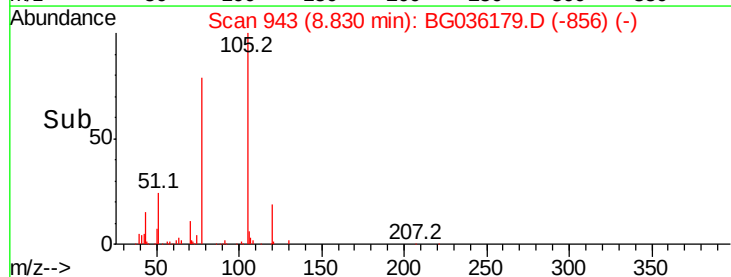
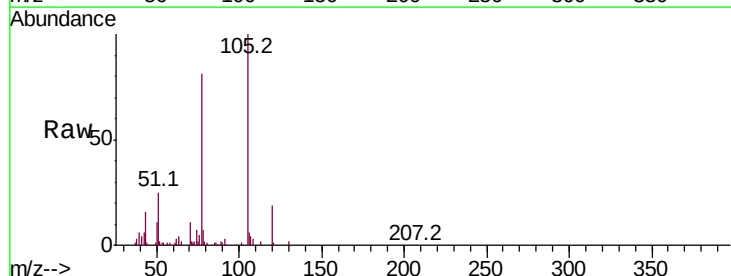
Instrument :
BNA_G
ClientSampleId :

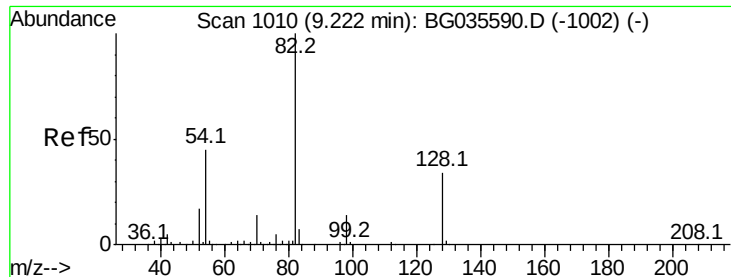
Tot Ion:	136	Resp:	102548
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.3	10.3	15.5#
68	5.4	4.5	6.7



#22
Acetophenone
Concen: 39.121 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion:	105	Resp:	124754
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	24.8	26.1	39.1#
120	19.5	17.4	26.2

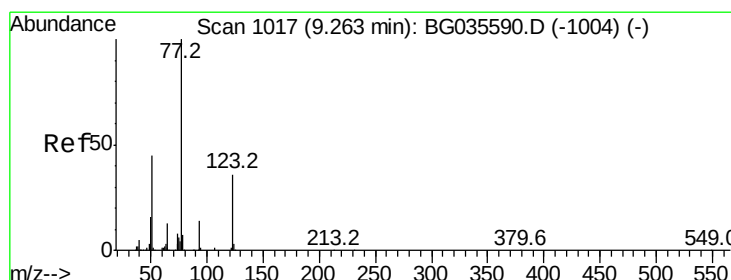
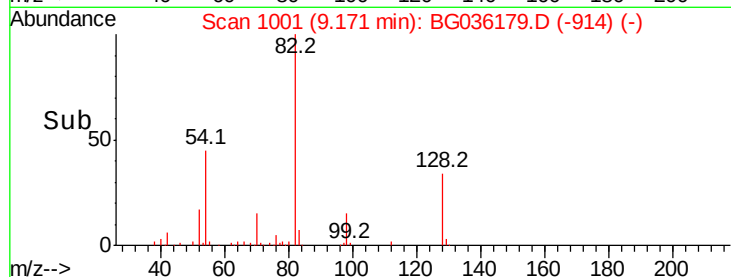
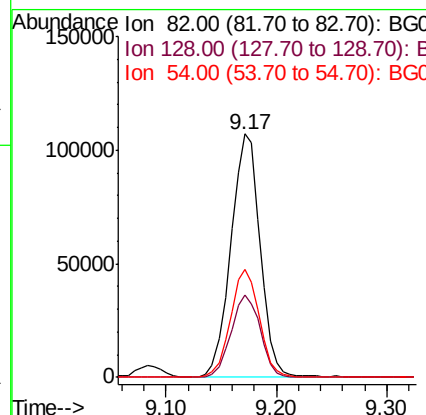
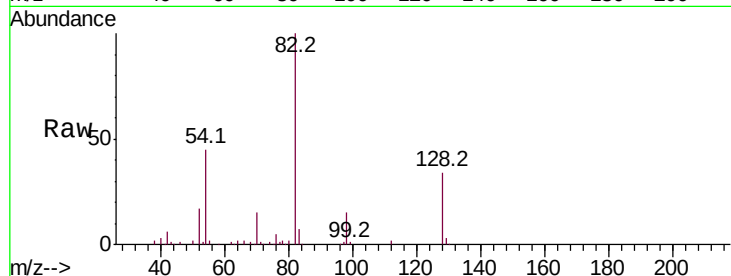




#23
 Nitrobenzene-d5
 Concen: 81.075 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

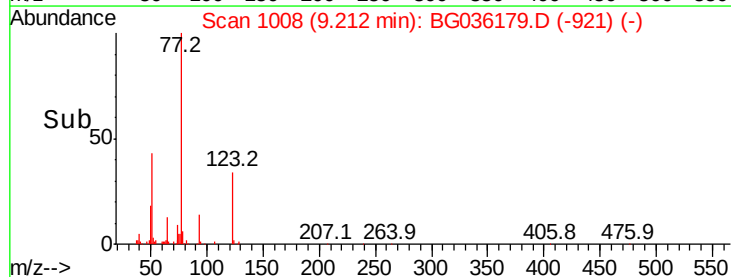
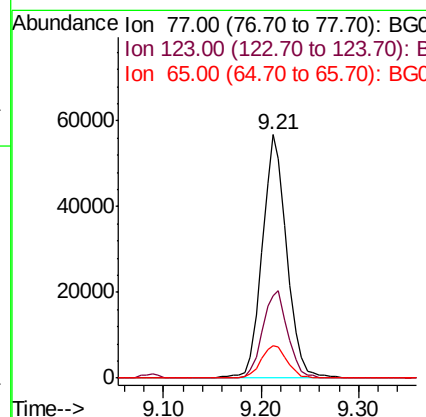
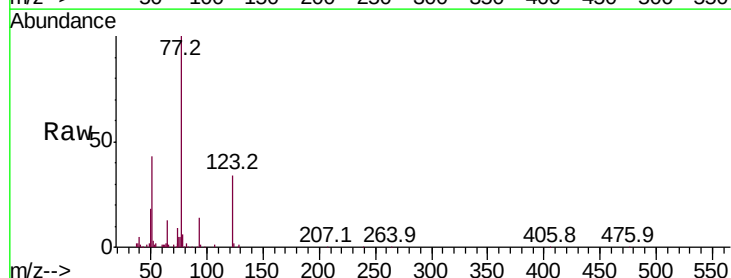
Instrument :
 BNA_G
 ClientSampleID :

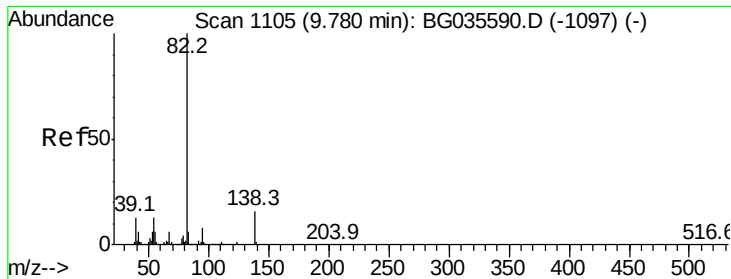
Tot Ion: 82 Resp: 199021
 Ion Ratio Lower Upper
 82 100
 128 33.7 29.7 44.5
 54 44.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.490 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion: 77 Resp: 99961
 Ion Ratio Lower Upper
 77 100
 123 34.0 33.0 49.6
 65 13.3 13.0 19.6





#25

Isophorone

Concen: 39.881 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

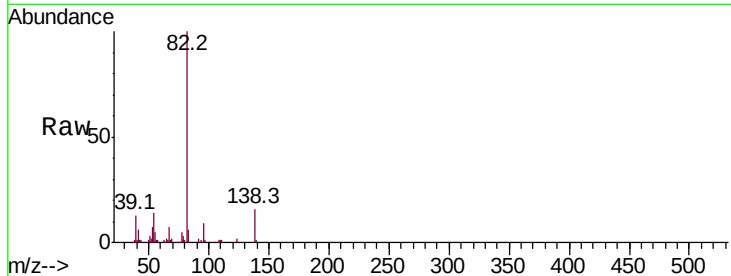
Tot Ion: 82 Resp: 181734

Ion Ratio Lower Upper

82 100

95 8.9 6.2 9.2

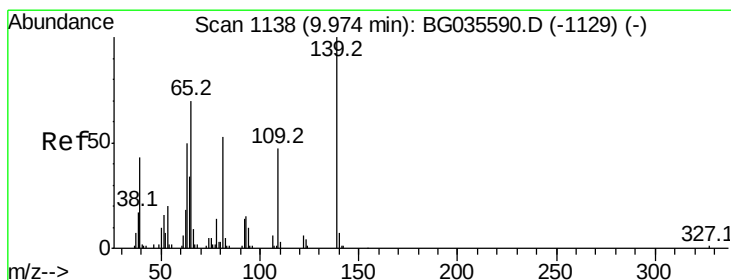
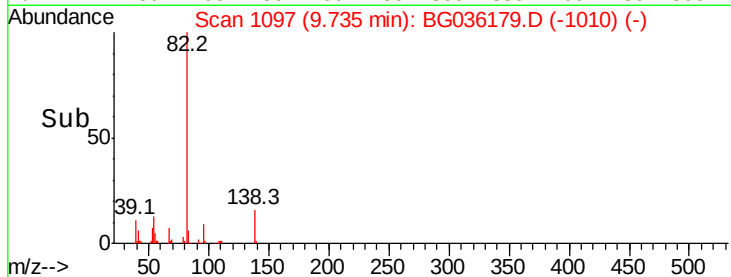
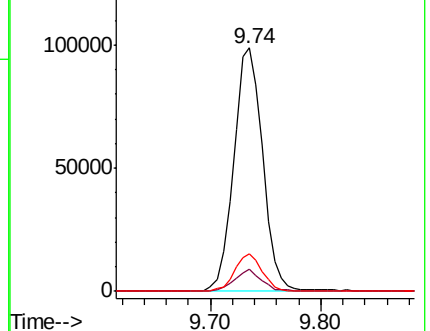
138 15.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BG035590.D (-1097) (-)

Ion 95.00 (94.70 to 95.70): BG035590.D (-1097) (-)

Ion 138.00 (137.70 to 138.70): BG035590.D (-1097) (-)



#26

2-Nitrophenol

Concen: 47.768 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

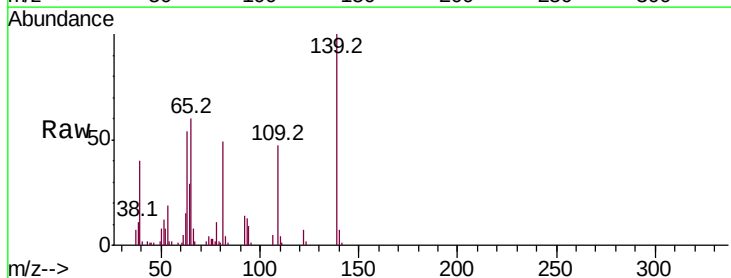
Tgt Ion: 139 Resp: 41882

Ion Ratio Lower Upper

139 100

109 46.8 24.2 36.2#

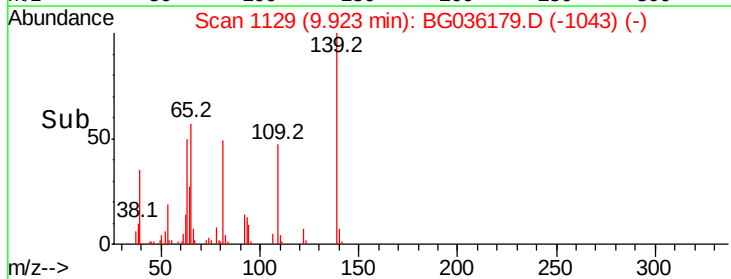
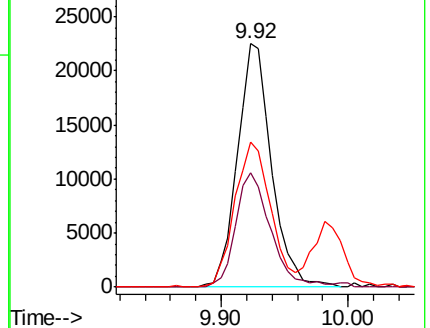
65 59.8 47.4 71.0

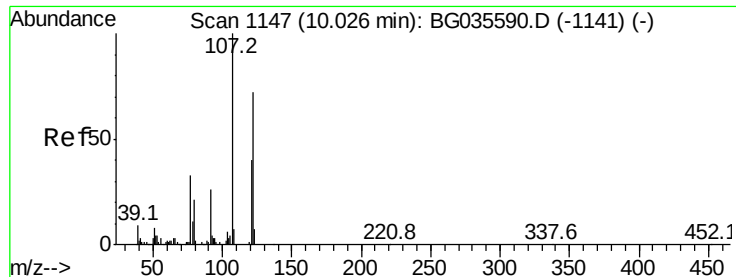


Abundance Ion 139.00 (138.70 to 139.70): BG035590.D (-1129) (-)

Ion 109.00 (108.70 to 109.70): BG035590.D (-1129) (-)

Ion 65.00 (64.70 to 65.70): BG035590.D (-1129) (-)

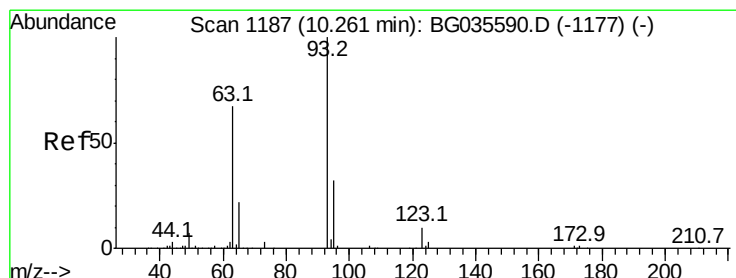
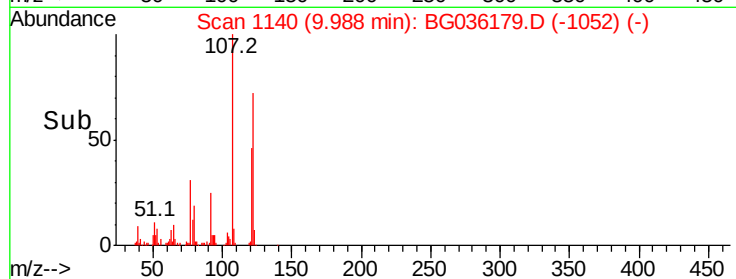
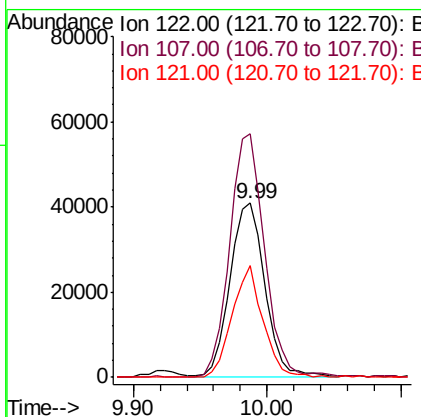
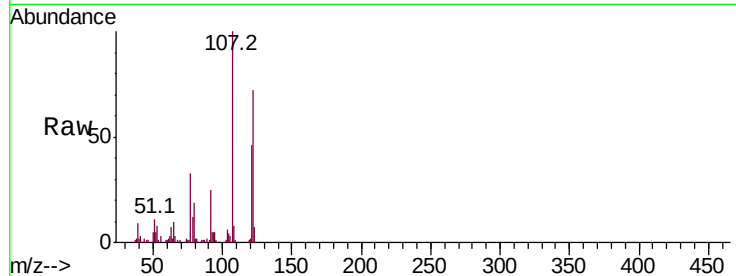




#27
 2,4-Dimethylphenol
 Concen: 49.897 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

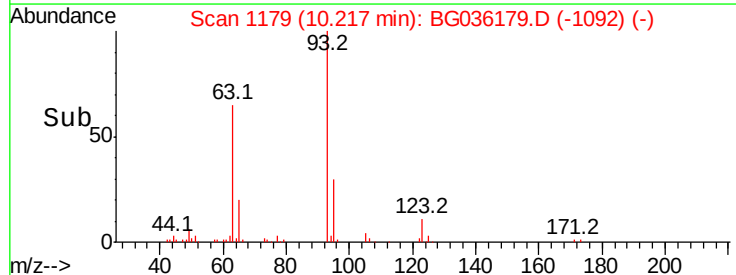
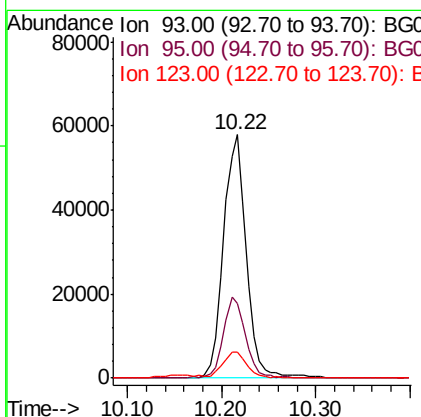
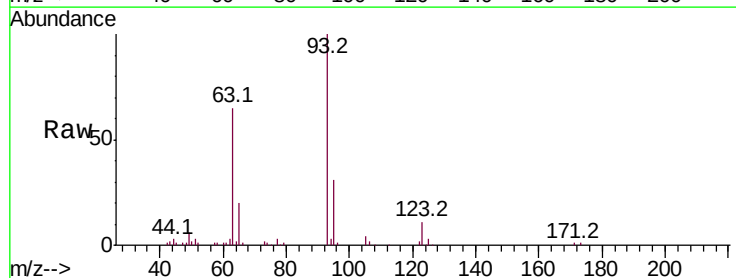
Instrument :
 BNA_G
 ClientSampleId :

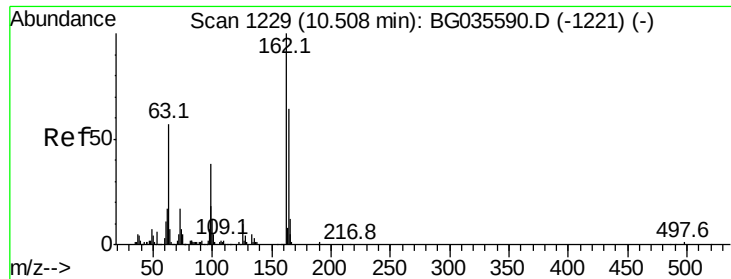
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.8	100.2	150.2
121	64.0	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.927 ng
 RT: 10.22 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.3	36.5
123	10.9	8.4	12.6

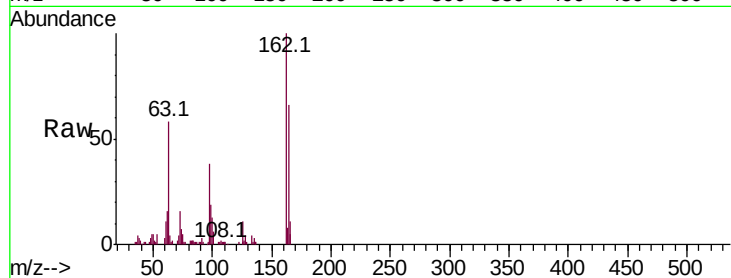




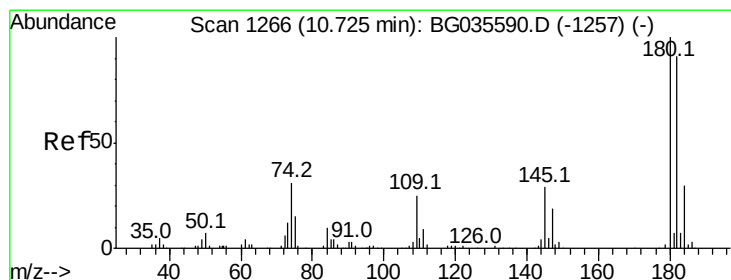
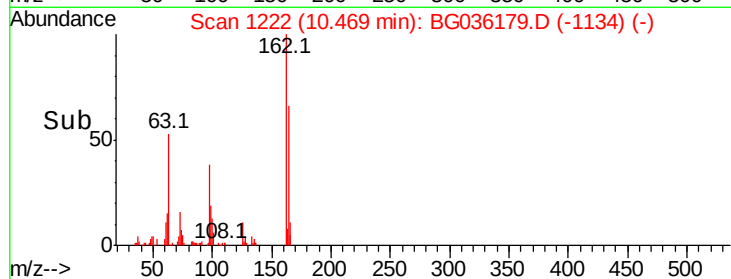
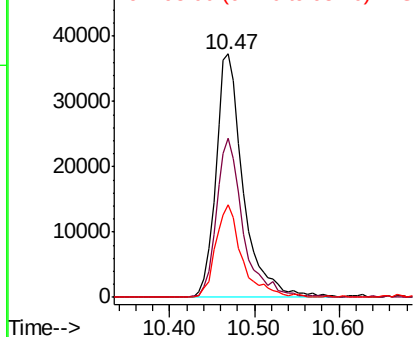
#29
 2,4-Dichlorophenol
 Concen: 49.707 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	38.0	21.1	61.1

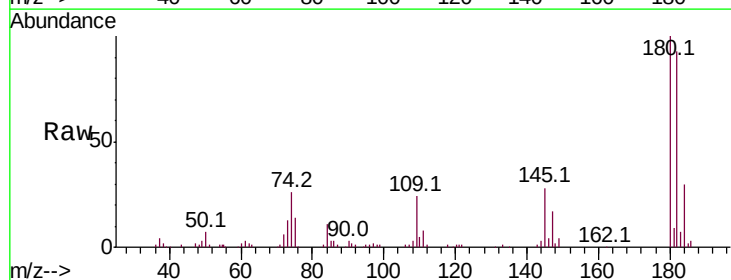


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

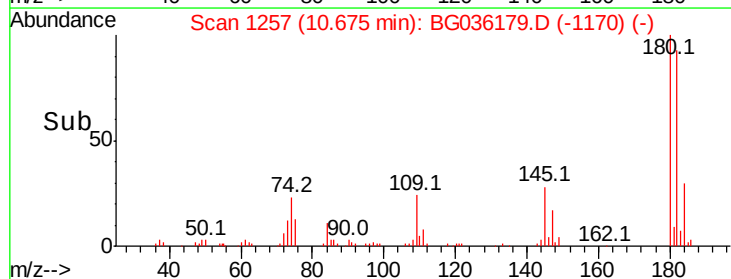
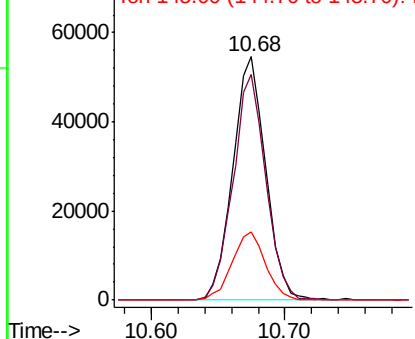


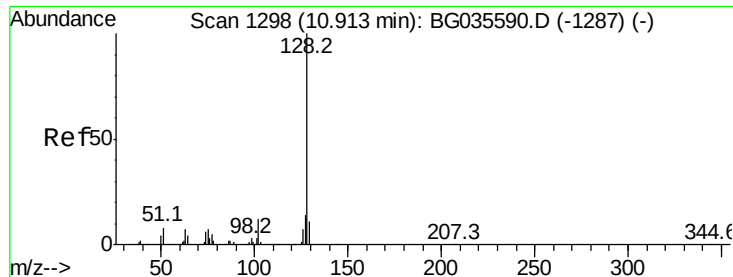
#30
 1,2,4-Trichlorobenzene
 Concen: 44.810 ng
 RT: 10.68 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	77.5	116.3
145	28.0	23.4	35.2



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

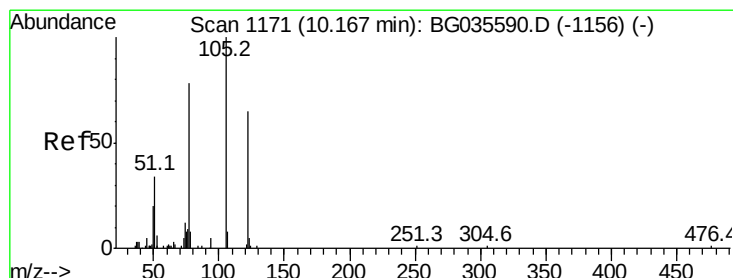
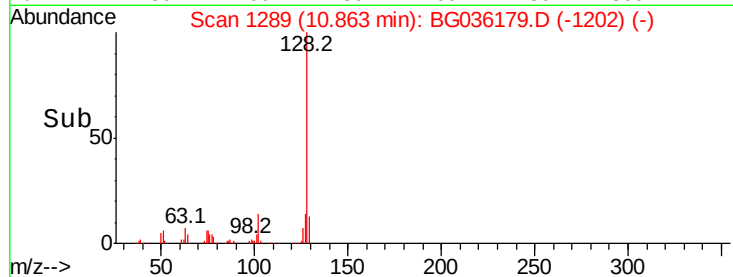
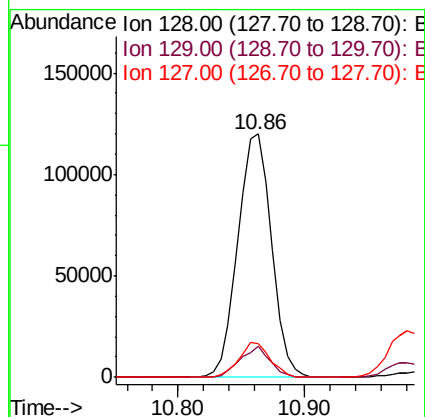
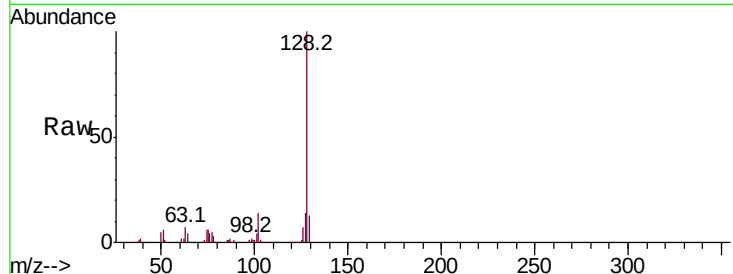




#31
Naphthalene
Concen: 41.348 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

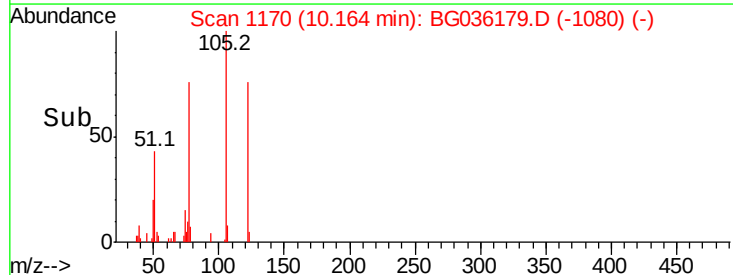
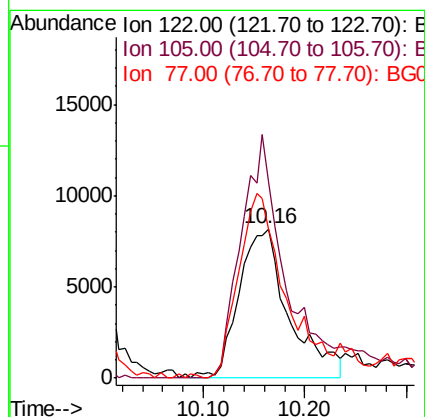
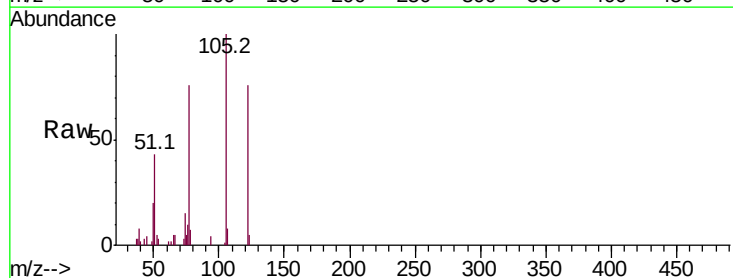
Instrument :
BNA_G
ClientSampleId :

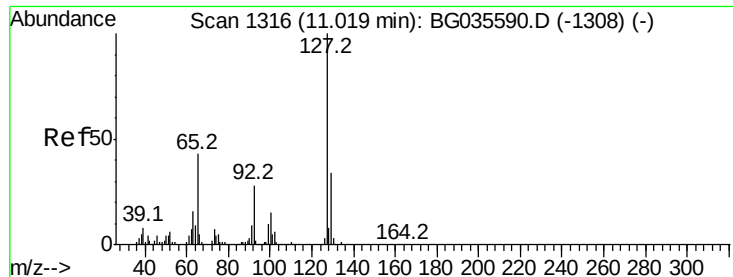
Tot Ion:128	Resp:	220876
Ion Ratio	Lower	Upper
128	100	
129	12.6	8.6 12.8
127	13.7	11.6 17.4



#32
Benzoic acid
Concen: 28.020 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion:122	Resp:	27995
Ion Ratio	Lower	Upper
122	100	
105	131.4	123.5 163.5
77	99.8	85.7 125.7

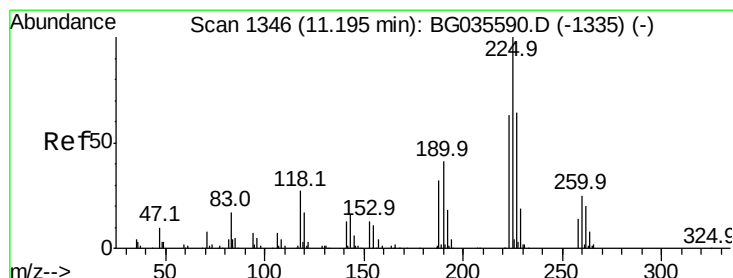
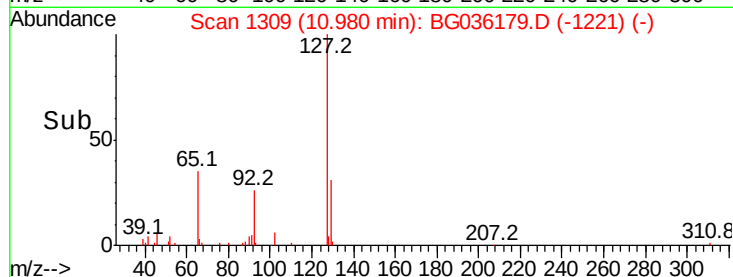
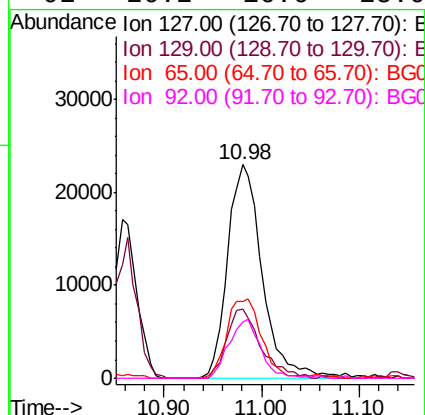
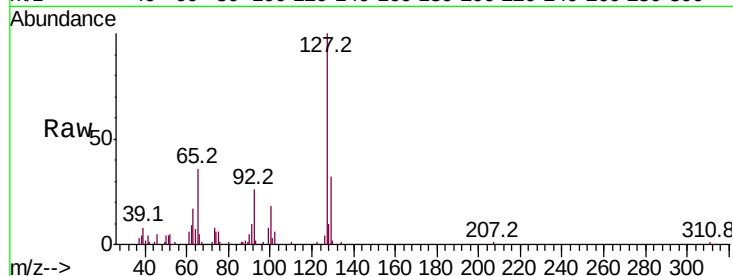




#33
4-Chloroaniline
Concen: 24.241 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

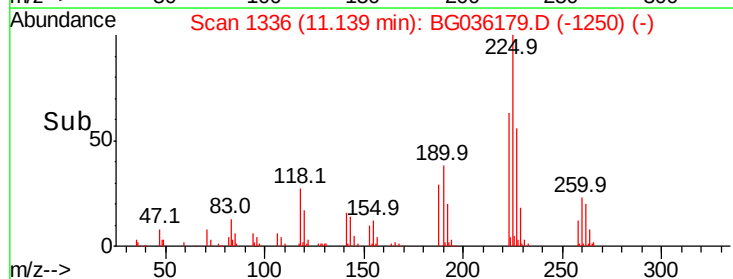
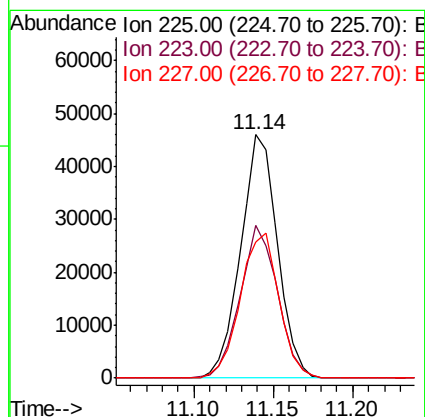
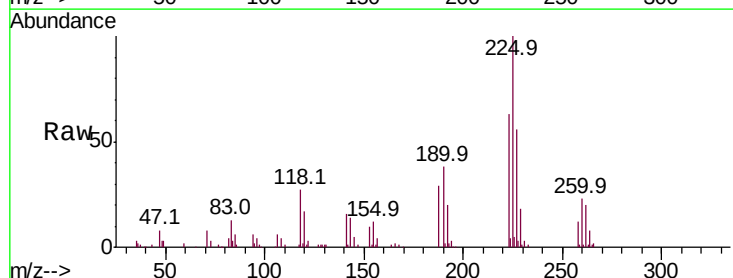
Instrument :
BNA_G
ClientSampleId :

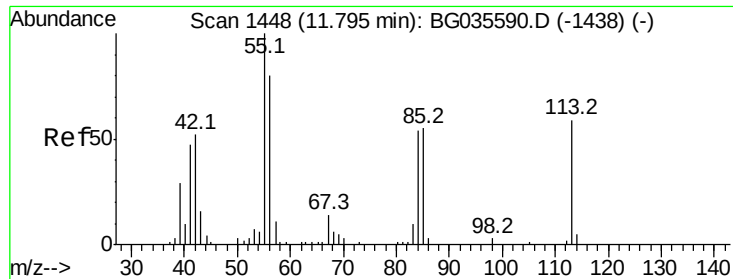
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.0	36.0
65	36.2	27.0	40.4
92	26.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.653 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	55.9	48.1	72.1





#35

Caprolactam

Concen: 26.977 ng

RT: 11.76 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

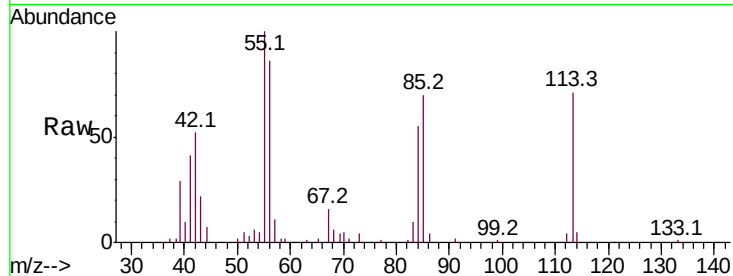
Tot Ion:113 Resp: 19613

Ion Ratio Lower Upper

113 100

55 140.9 186.9 226.9#

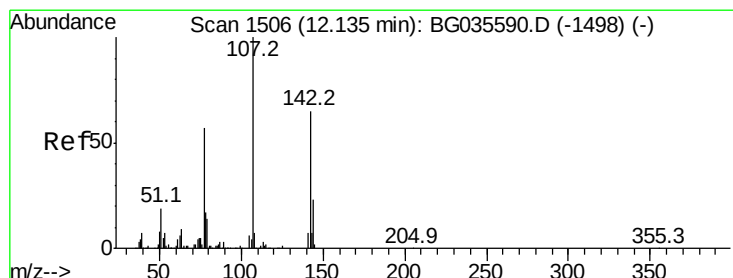
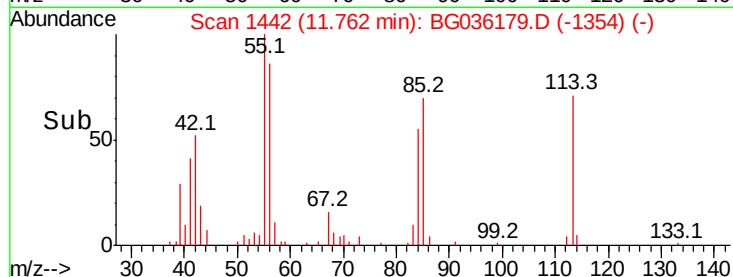
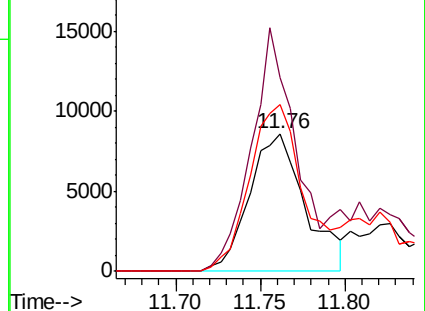
56 121.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.993 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

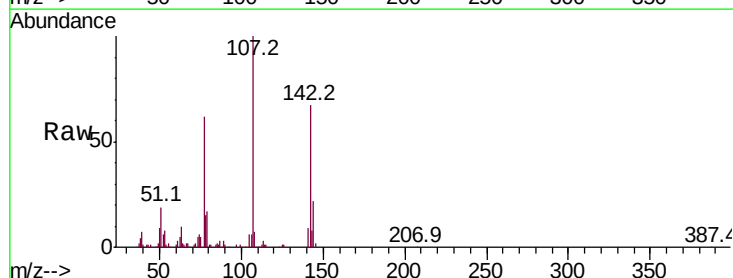
Tgt Ion:107 Resp: 102173

Ion Ratio Lower Upper

107 100

144 22.3 18.2 27.4

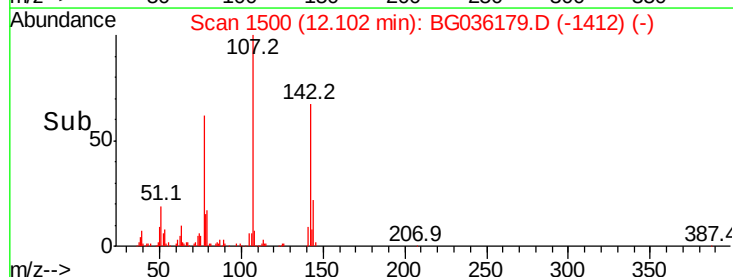
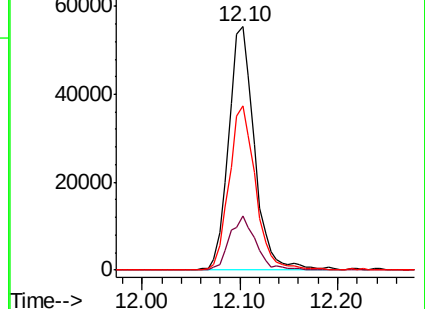
142 67.4 59.0 88.4

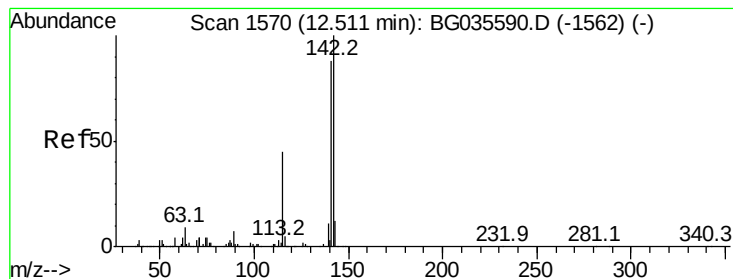


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.980 ng

RT: 12.46 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

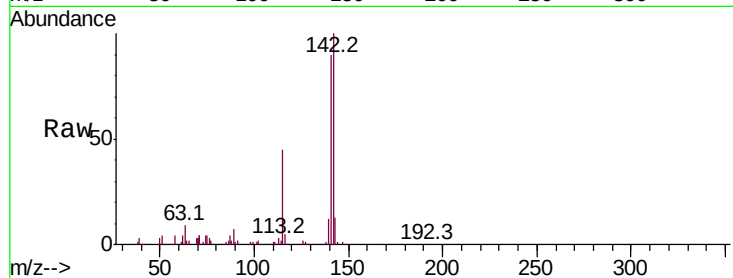
Tot Ion:142 Resp: 175028

Ion Ratio Lower Upper

142 100

141 89.7 67.1 100.7

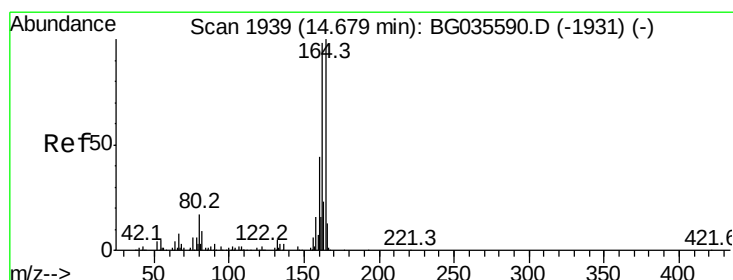
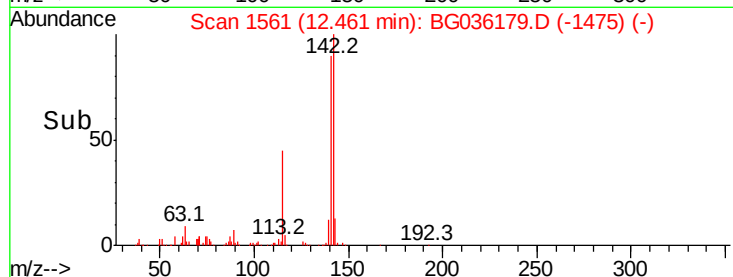
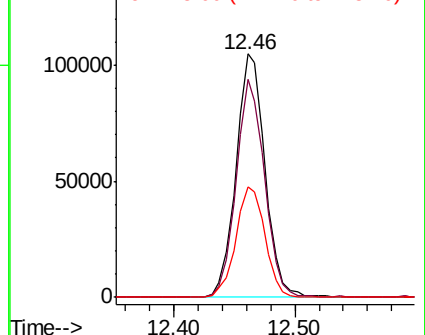
115 45.5 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

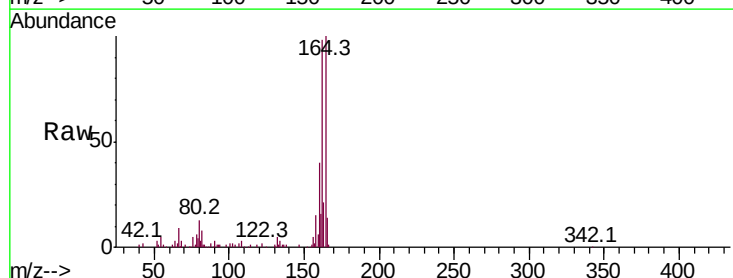
Tgt Ion:164 Resp: 74379

Ion Ratio Lower Upper

164 100

162 98.4 78.8 118.2

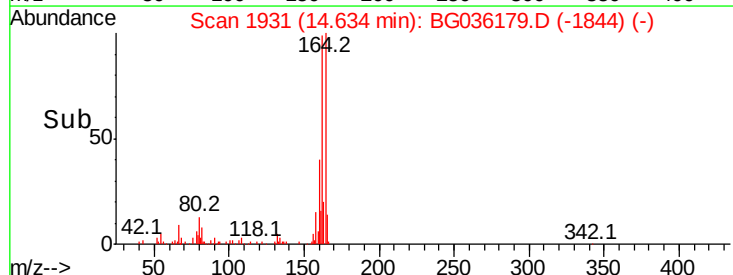
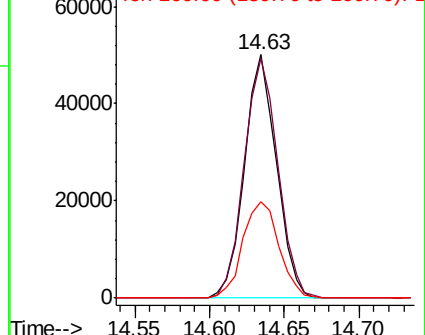
160 39.7 35.4 53.0

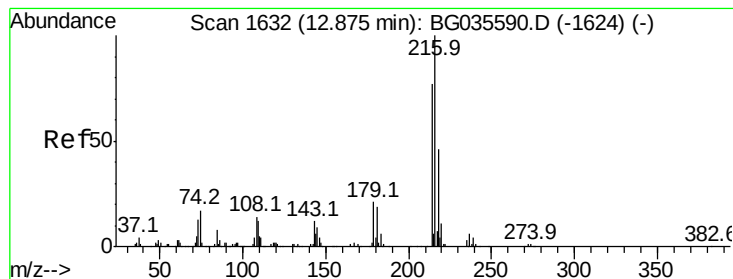


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.630 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 122483

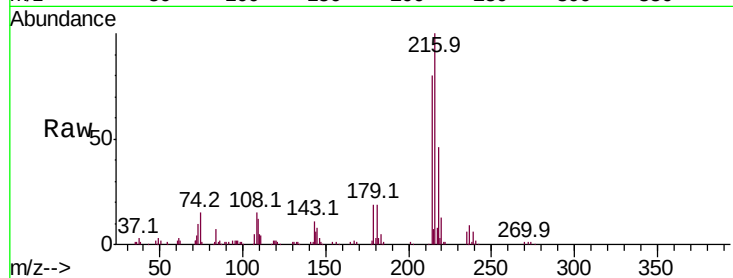
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.1 17.0 25.6

108 16.4 12.8 19.2

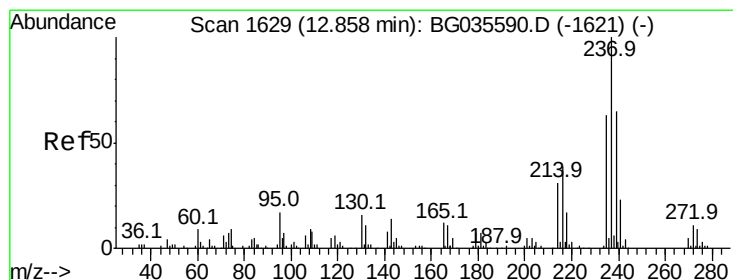
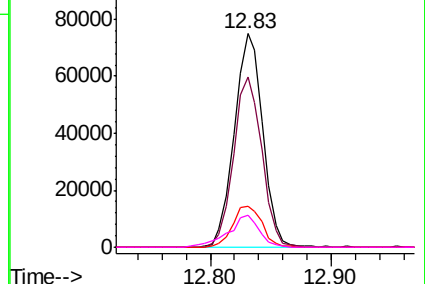
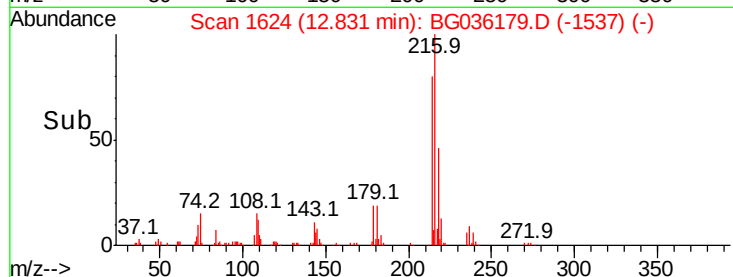


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.222 ng

RT: 12.81 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

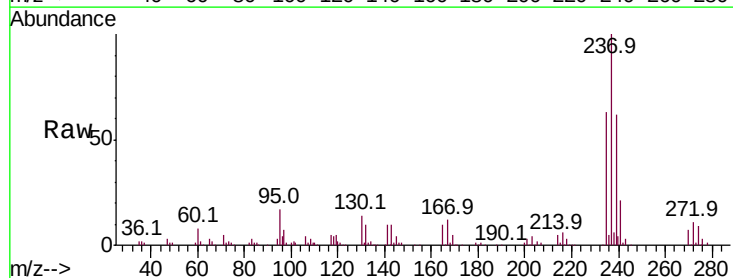
Tgt Ion:237 Resp: 146082

Ion Ratio Lower Upper

237 100

235 62.8 50.4 90.4

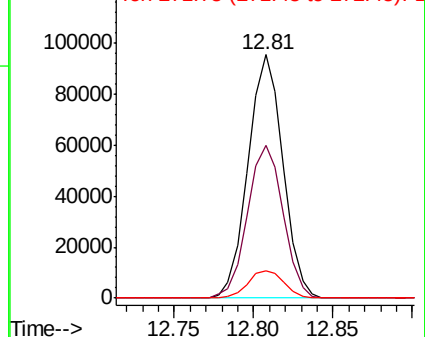
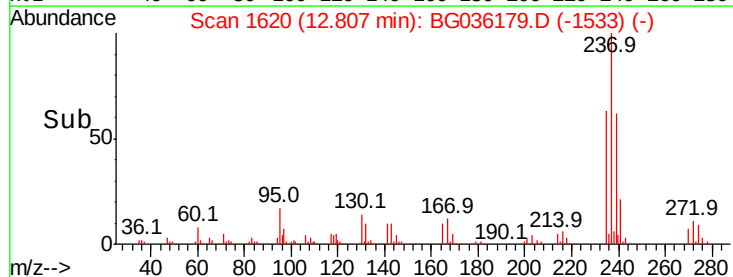
272 11.1 0.0 31.8

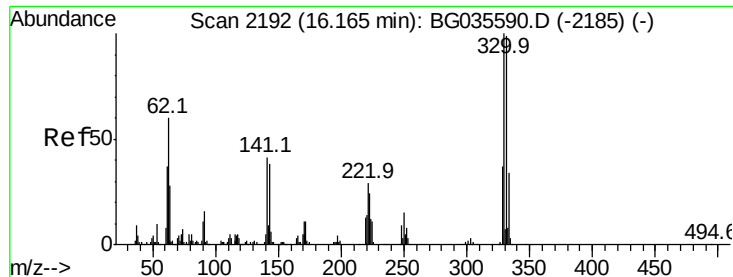


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

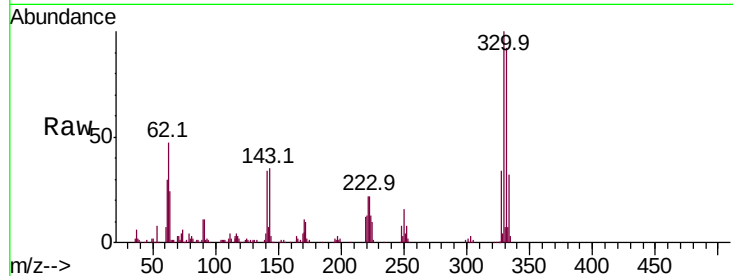




#41
 2,4,6-Tribromophenol
 Concen: 161.154 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	37.6	25.2	37.8

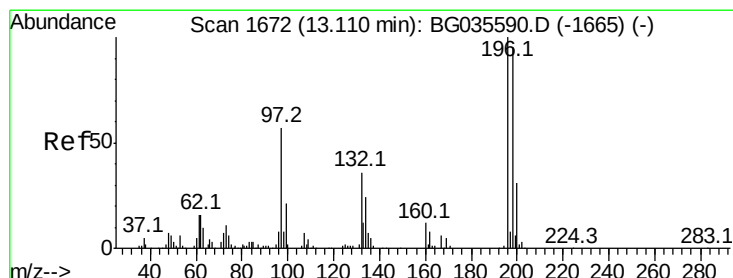
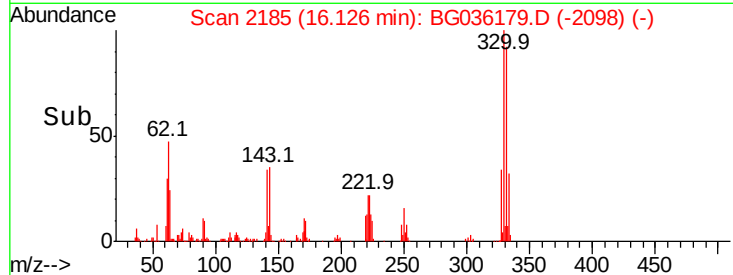
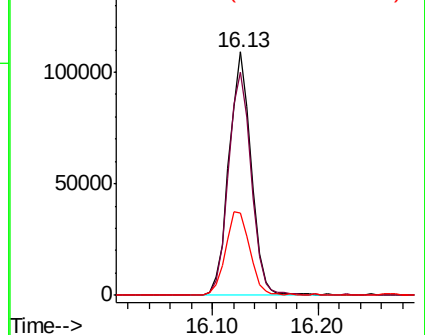


Abundance

Ion 329.80 (329.50 to 330.50): E

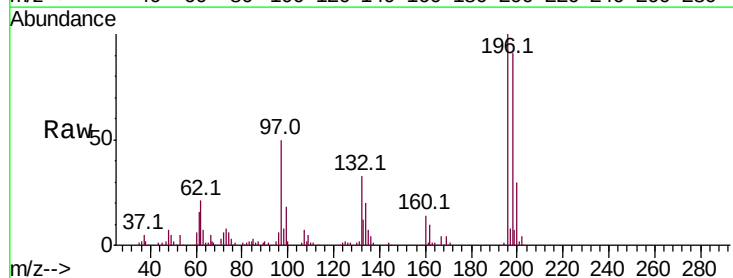
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.308 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.7	78.2	117.2
200	30.2	24.6	36.8

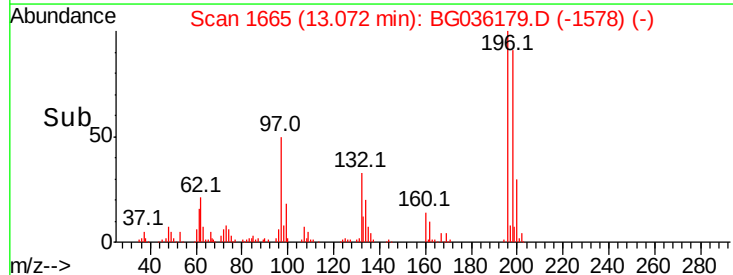
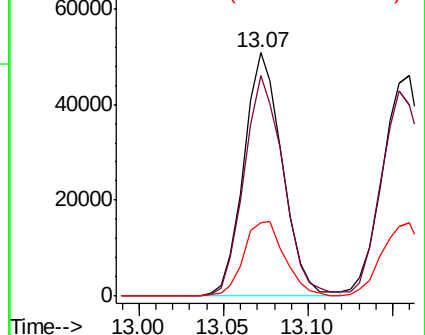


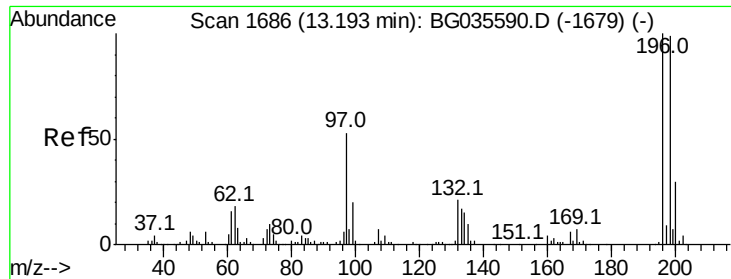
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

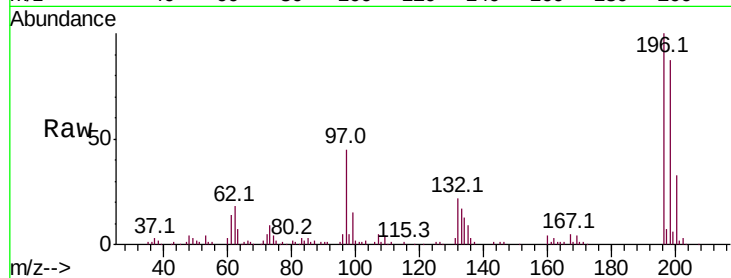




#43
2,4,5-Trichlorophenol
Concen: 45.899 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	86.6	76.2	114.4
97	45.3	38.7	58.1
132	21.9	20.2	30.2



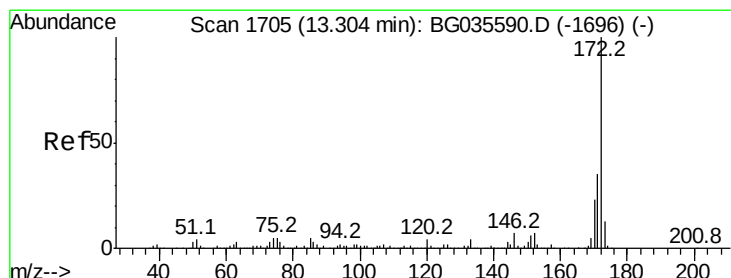
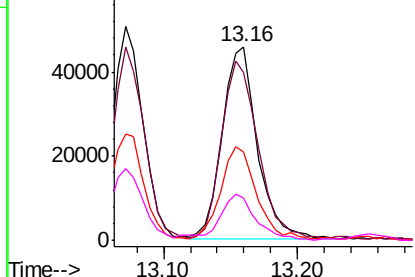
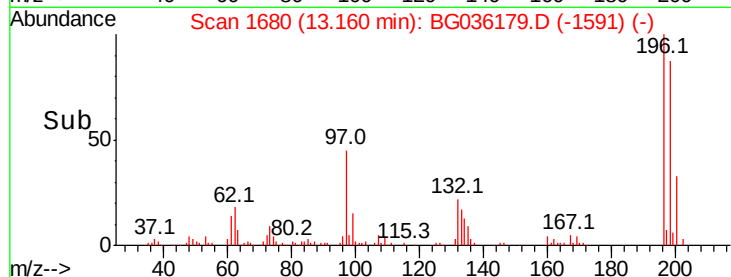
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

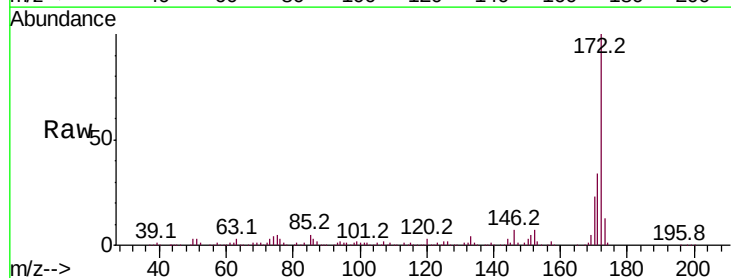
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.829 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.5	19.5	29.3

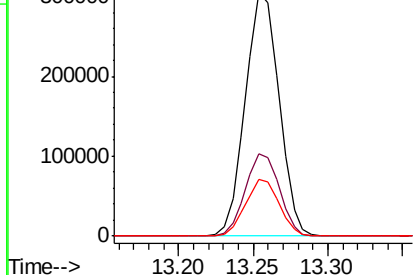
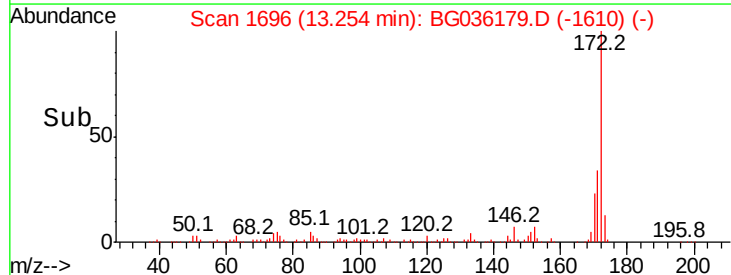


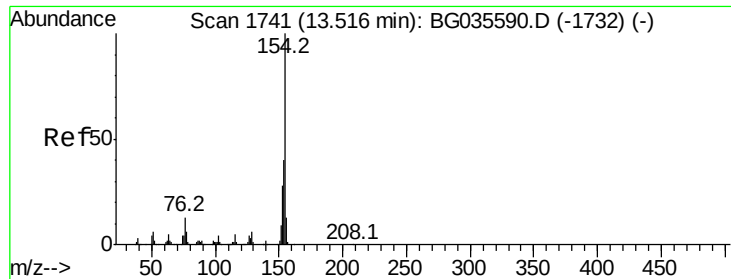
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

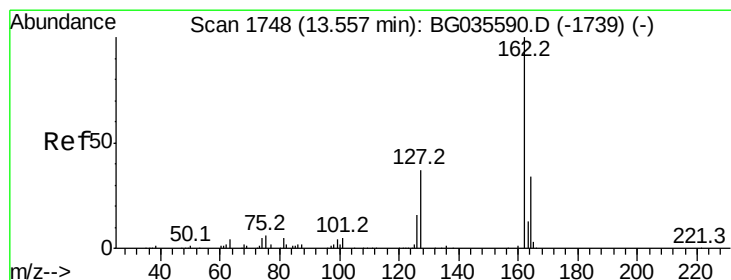
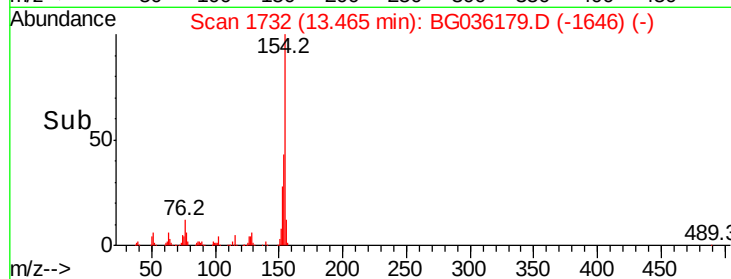
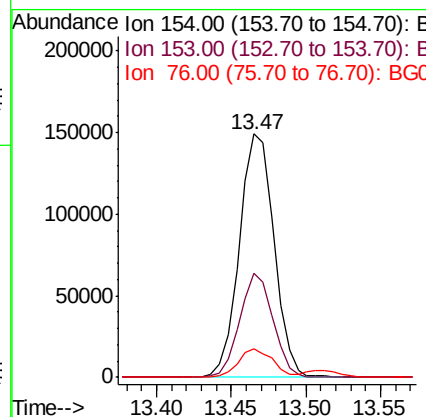
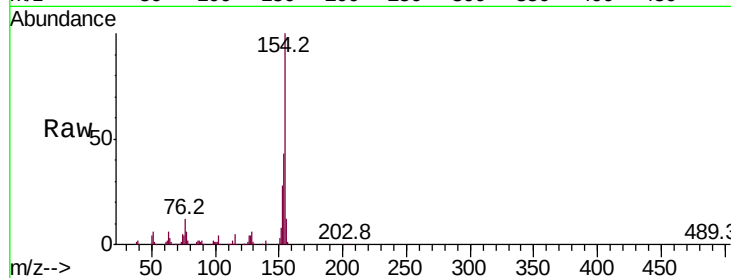




#45
 1,1'-Biphenyl
 Concen: 41.656 ng
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

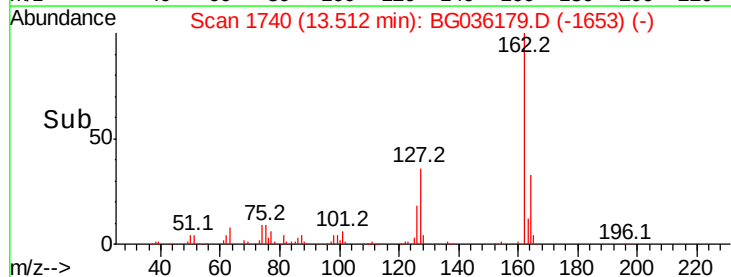
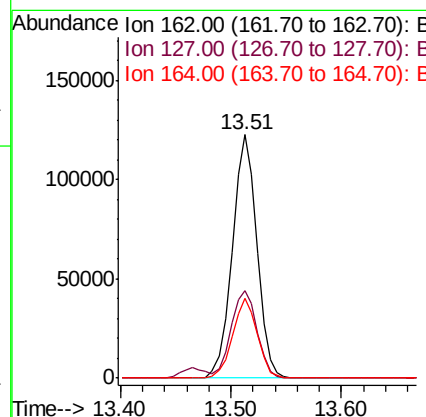
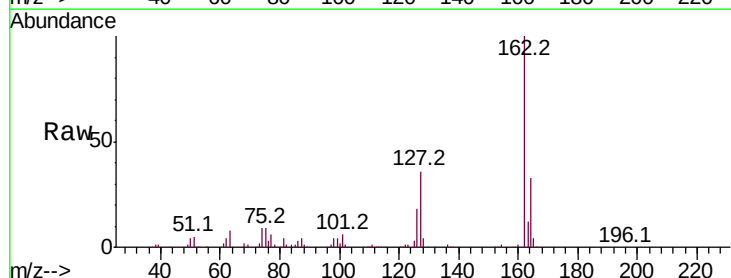
Instrument :
 BNA_G
 ClientSampleId :

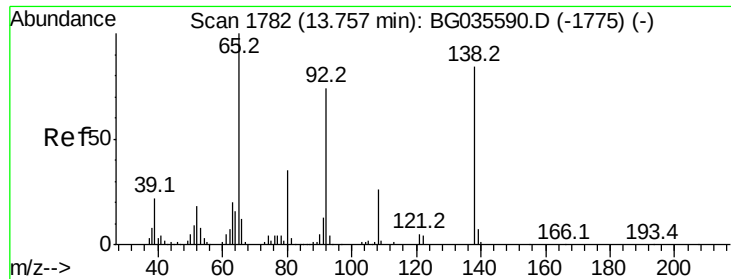
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	11.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.564 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.7	46.1
164	32.8	26.0	39.0

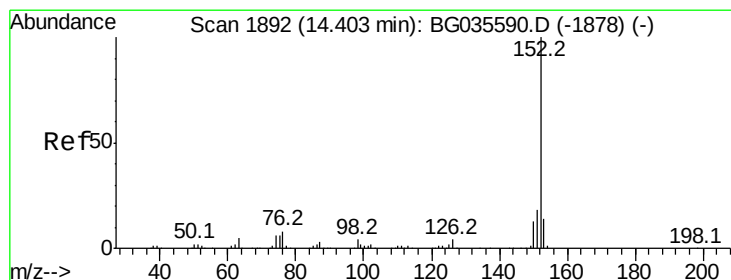
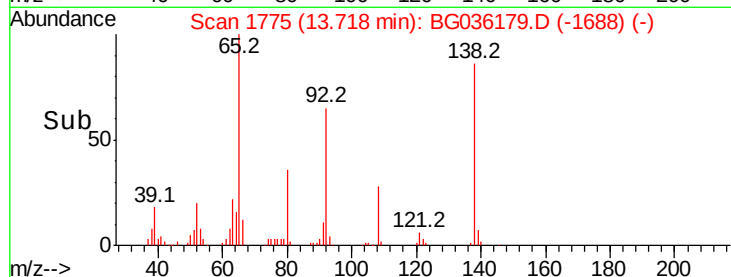
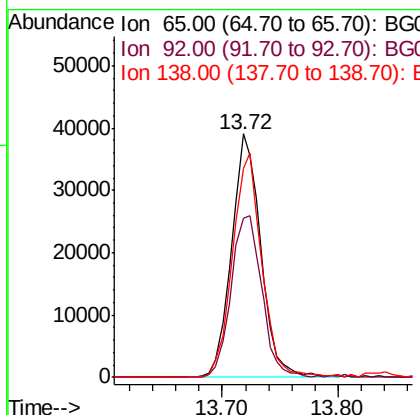
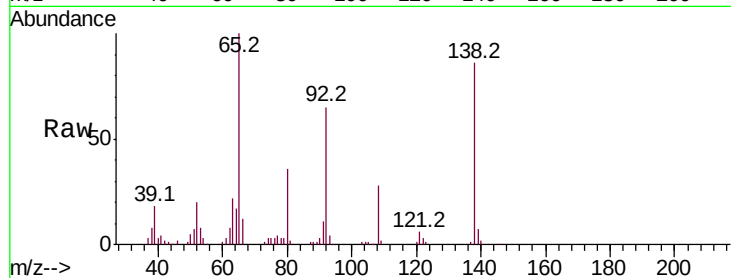




#47
2-Nitroaniline
Concen: 43.052 ng
RT: 13.72 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

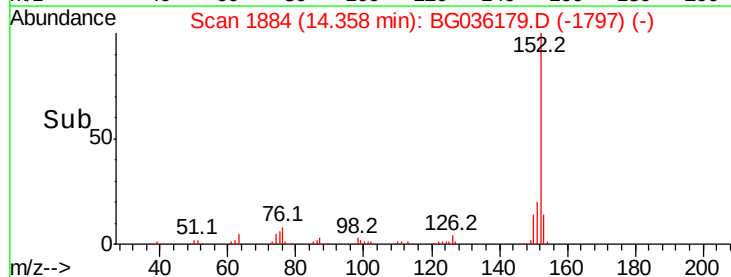
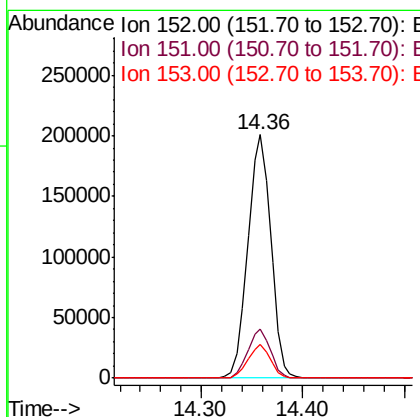
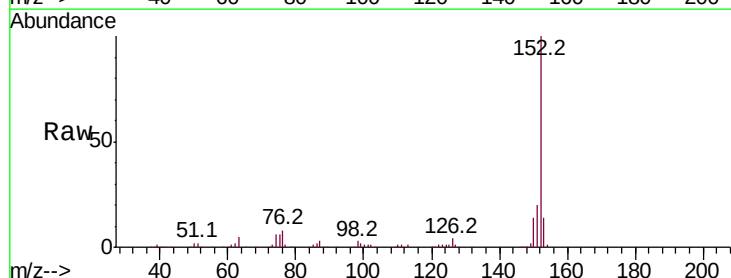
Instrument :
BNA_G
ClientSampled :

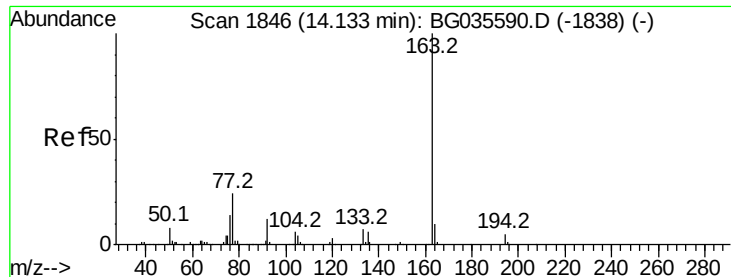
Tot Ion: 65 Resp: 68271
Ion Ratio Lower Upper
65 100
92 65.3 54.6 82.0
138 85.8 72.9 109.3



#48
Acenaphthylene
Concen: 42.102 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion:152 Resp: 316338
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.8 10.2 15.4

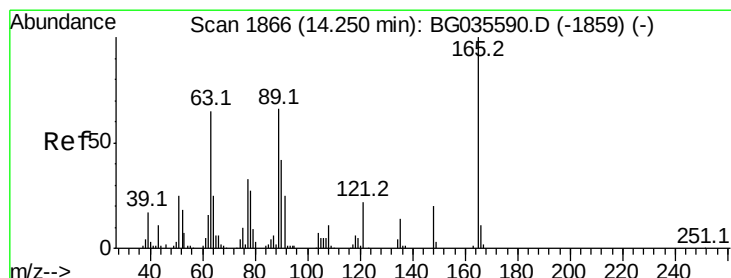
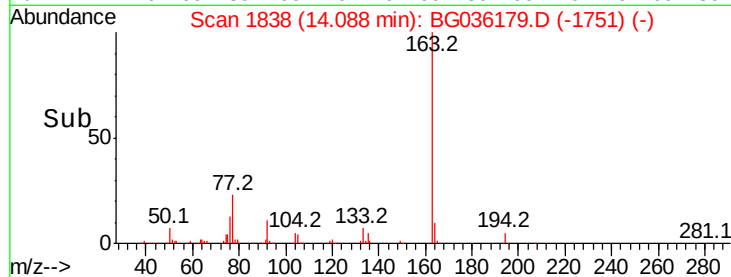
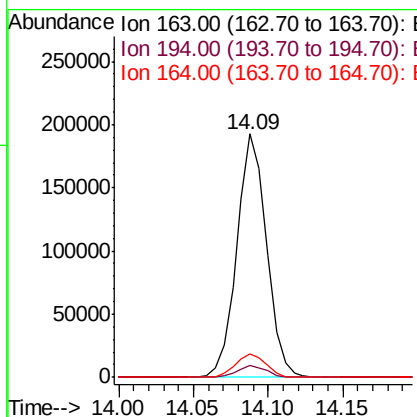
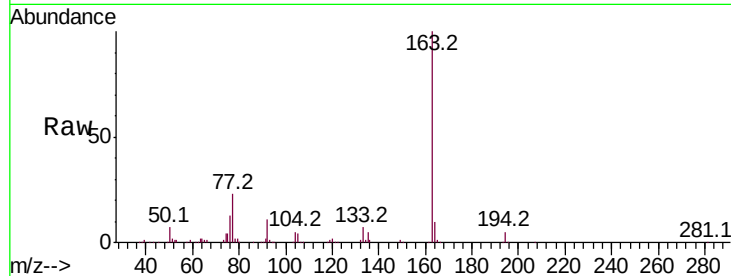




#49
 Dimethylphthalate
 Concen: 40.835 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

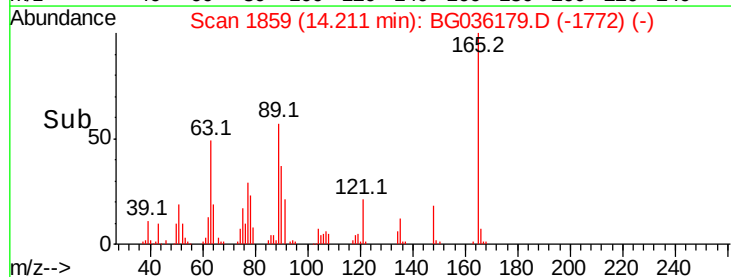
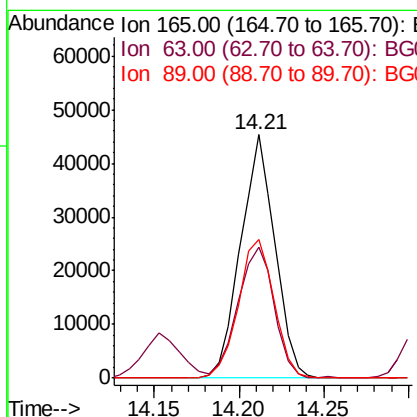
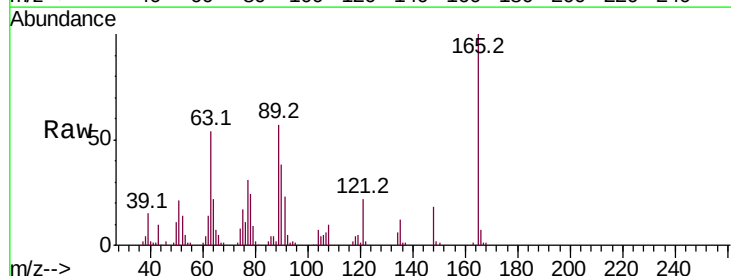
Instrument :
 BNA_G
 ClientSampleId :

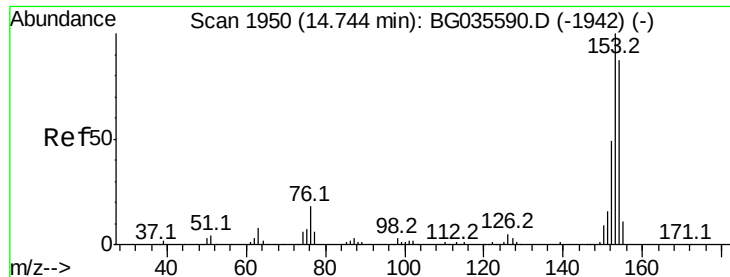
Tot Ion:	163	Resp:	266111
Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2
164	9.9	8.2	12.4



#50
 2,6-Dinitrotoluene
 Concen: 48.289 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion:	165	Resp:	64081
Ion	Ratio	Lower	Upper
165	100		
63	53.7	52.7	79.1
89	57.1	49.2	73.8





#51

Acenaphthene

Concen: 39.301 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

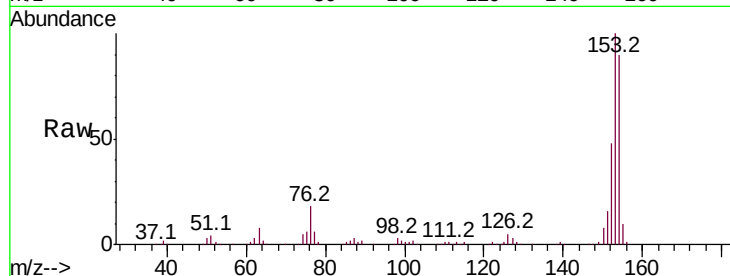
Tot Ion:154 Resp: 183948

Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

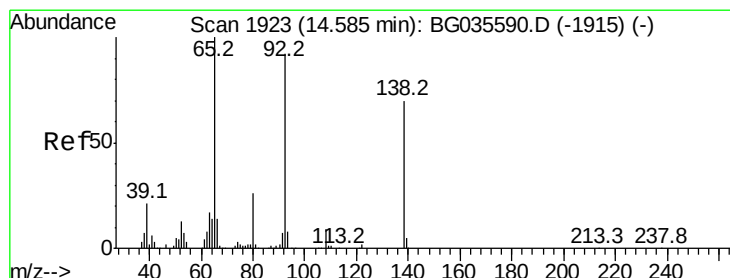
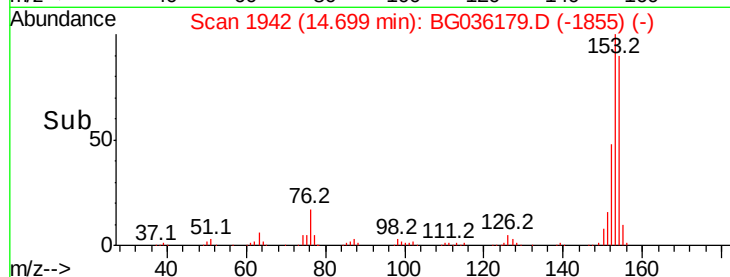
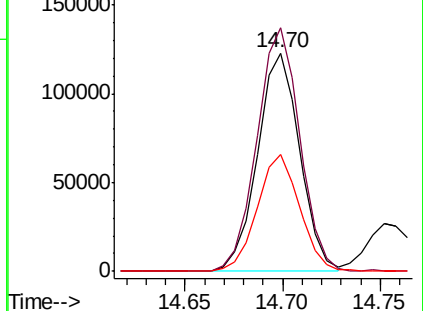
152 53.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.198 ng

RT: 14.55 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

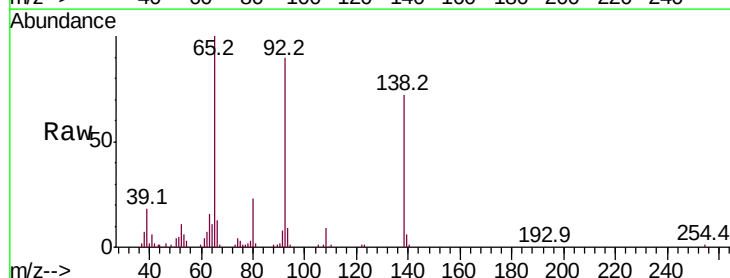
Tgt Ion:138 Resp: 42315

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

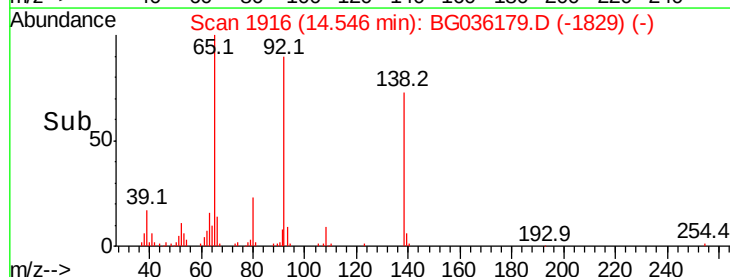
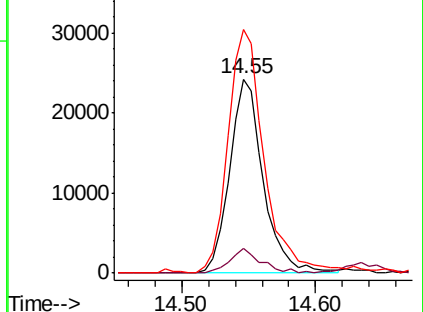
92 125.6 105.8 158.8

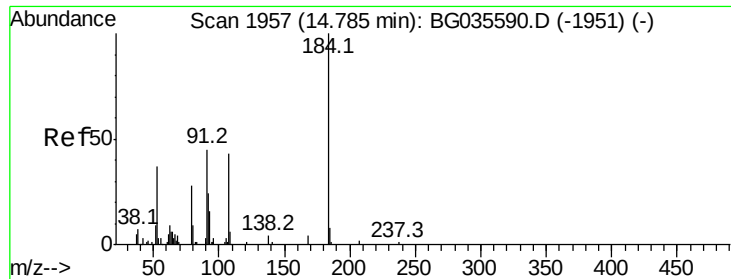


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

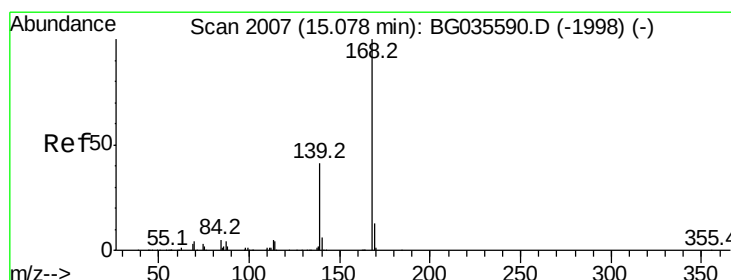
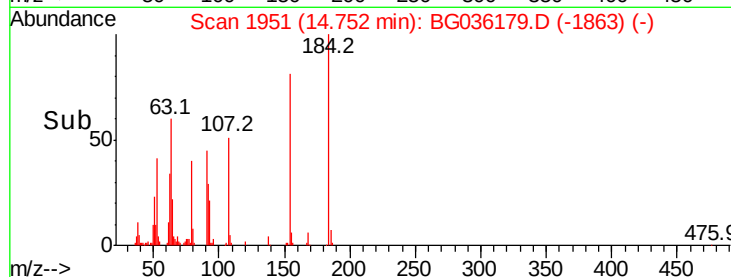
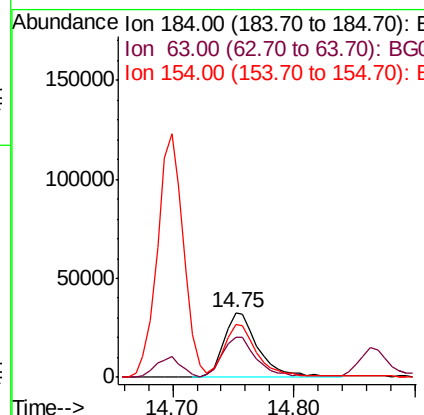
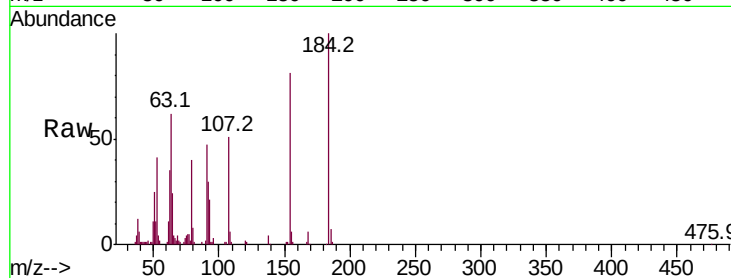




#53
2,4-Dinitrophenol
Concen: 93.353 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

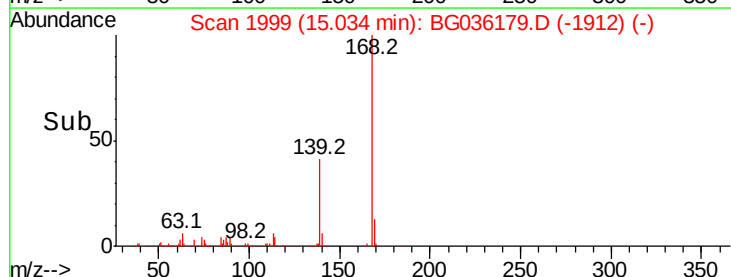
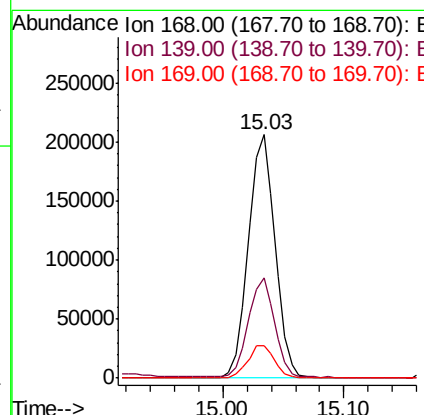
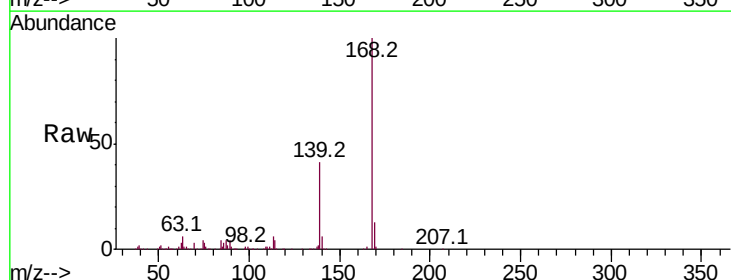
Instrument :
BNA_G
ClientSampleId :

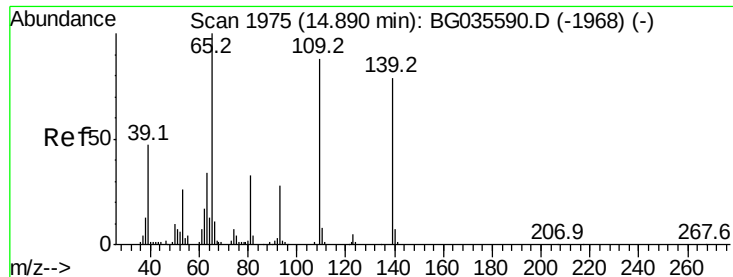
Tot Ion:184 Resp: 64523
Ion Ratio Lower Upper
184 100
63 62.1 59.8 89.8
154 81.3 101.8 152.8#



#54
Dibenzofuran
Concen: 42.827 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion:168 Resp: 318799
Ion Ratio Lower Upper
168 100
139 41.0 28.6 43.0
169 13.1 11.2 16.8

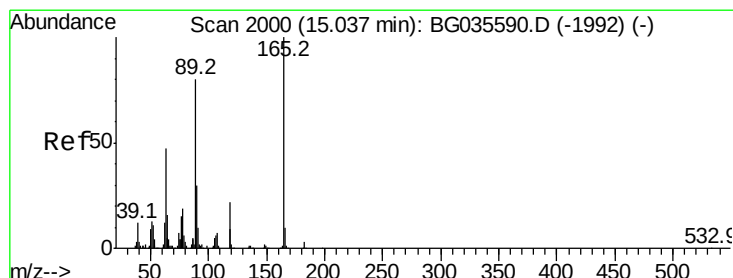
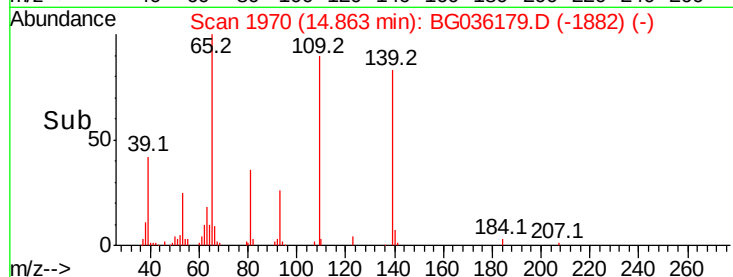
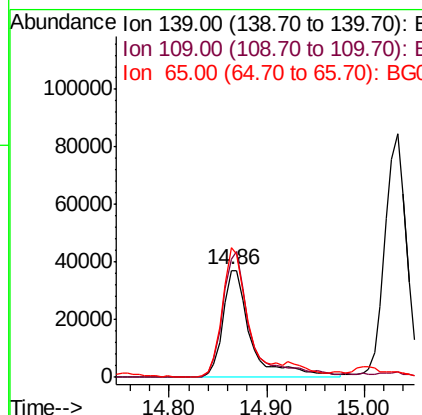
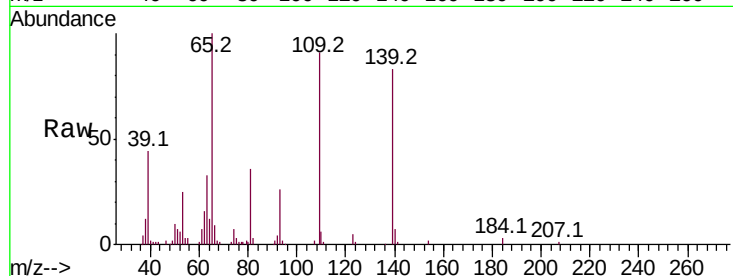




#55
4-Nitrophenol
Concen: 77.655 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

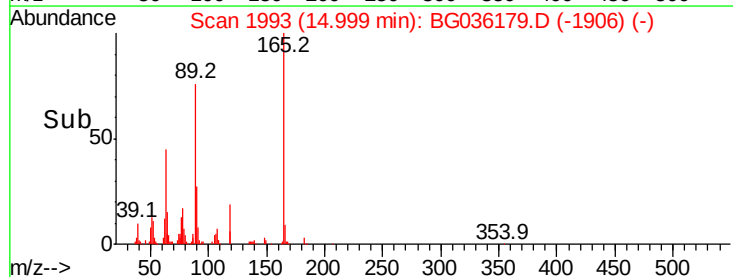
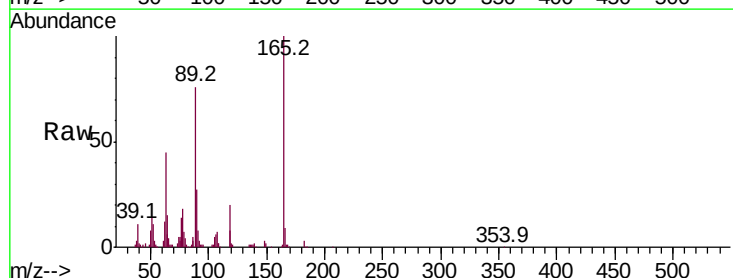
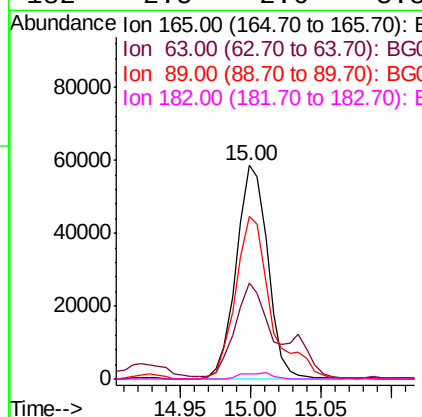
Instrument :
BNA_G
ClientSampleId :

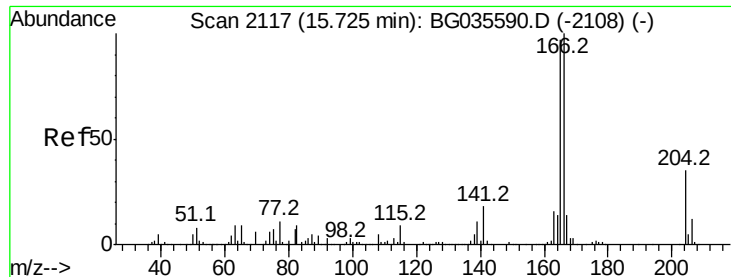
Tot Ion:139 Resp: 75009
Ion Ratio Lower Upper
139 100
109 110.1 62.2 102.2#
65 120.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 48.072 ng
RT: 15.00 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion:165 Resp: 91521
Ion Ratio Lower Upper
165 100
63 44.8 42.0 63.0
89 75.9 66.9 100.3
182 2.5 2.6 3.8#

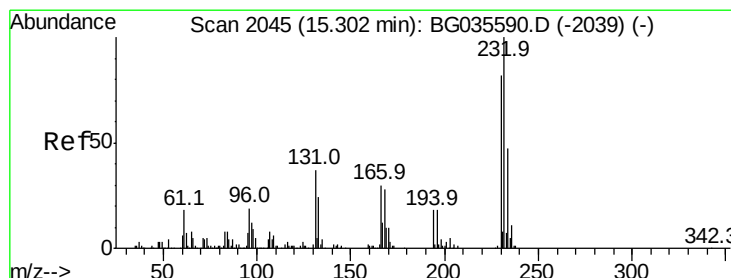
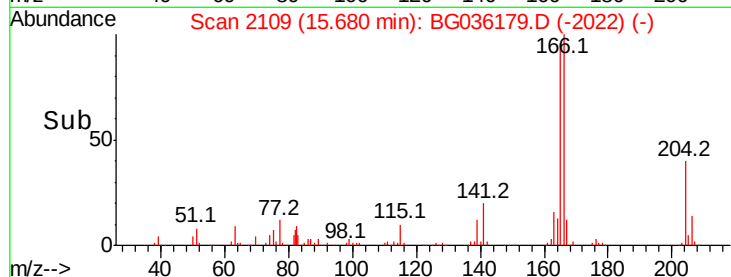
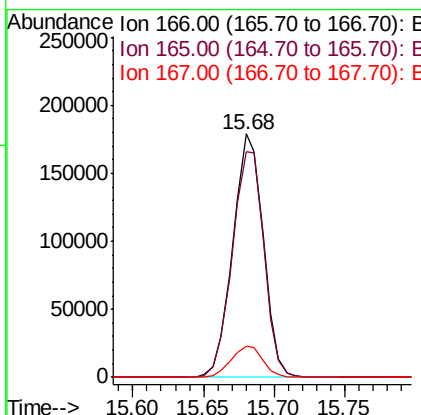
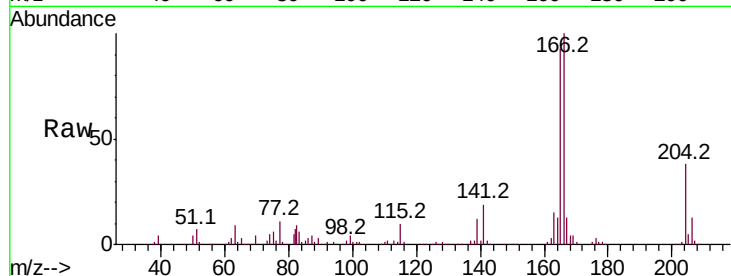




#57
 Fluorene
 Concen: 43.031 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

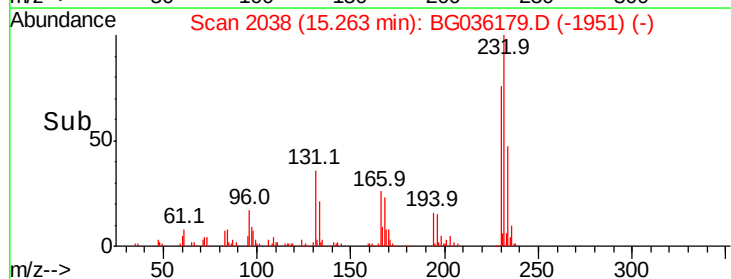
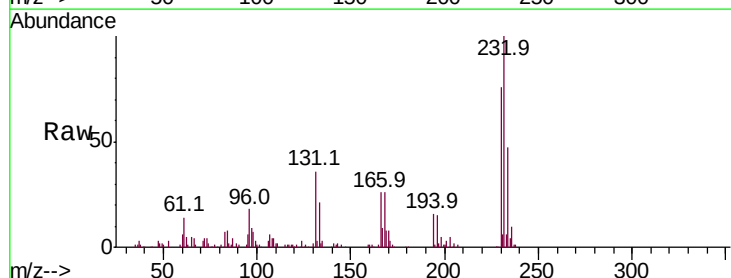
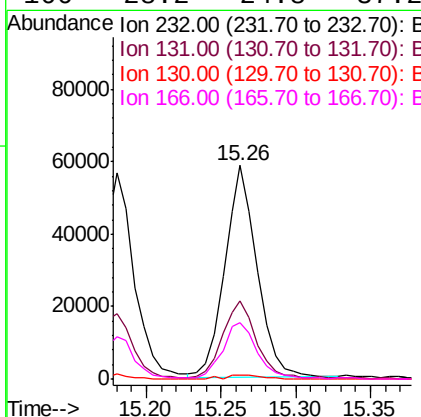
Instrument :
 BNA_G
 ClientSampleId :

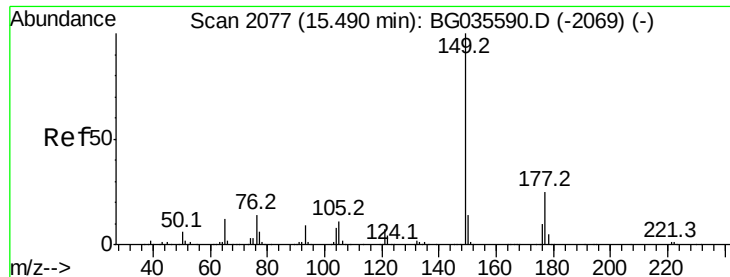
Tot Ion	Ratio	Lower	Upper
166	100		
165	92.9	80.6	121.0
167	12.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.212 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.3	33.5	50.3
130	2.0	2.2	3.2#
166	28.2	24.8	37.2

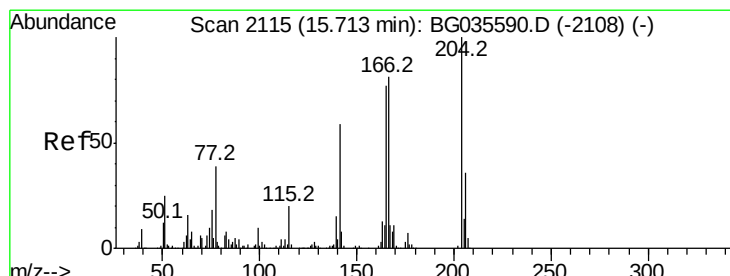
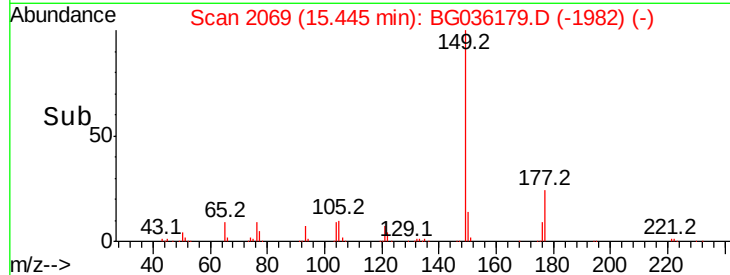
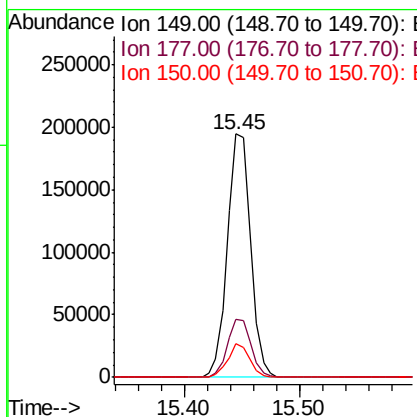
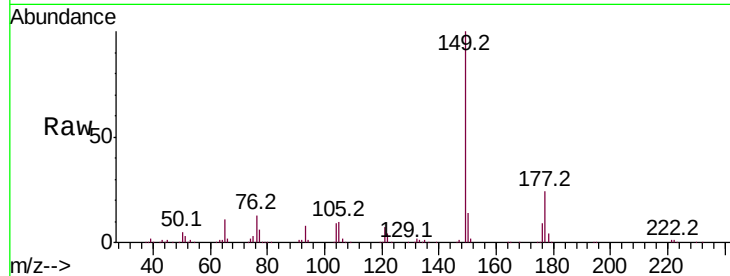




#59
 Diethylphthalate
 Concen: 40.515 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

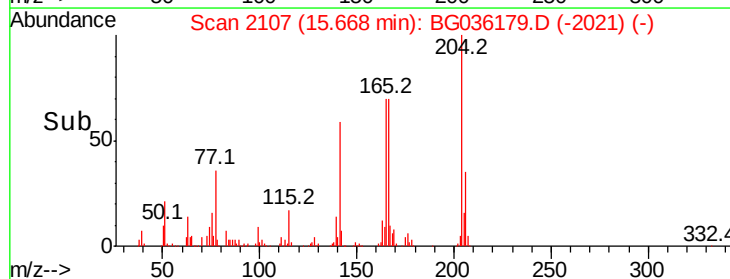
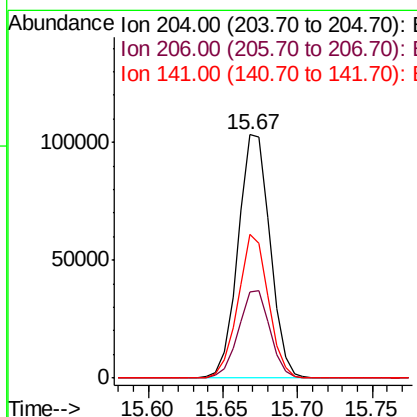
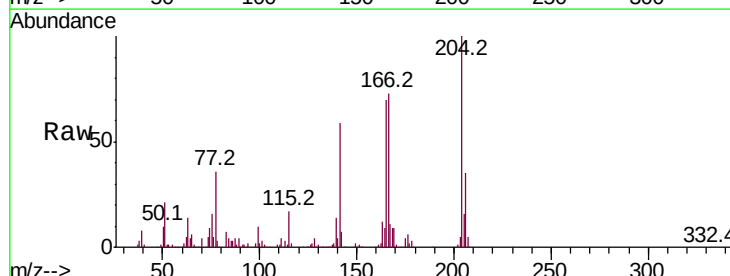
Instrument :
 BNA_G
 ClientSampled :

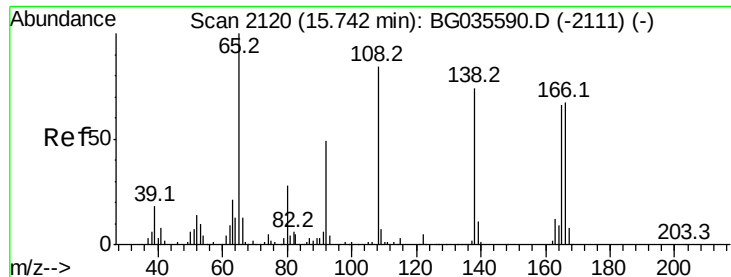
Tot Ion:	149	Resp:	271487
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.6	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 41.741 ng
 RT: 15.67 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion:	204	Resp:	153064
Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.2	39.2
141	59.3	45.8	68.6

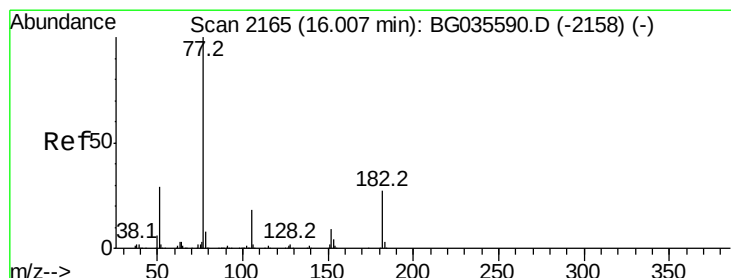
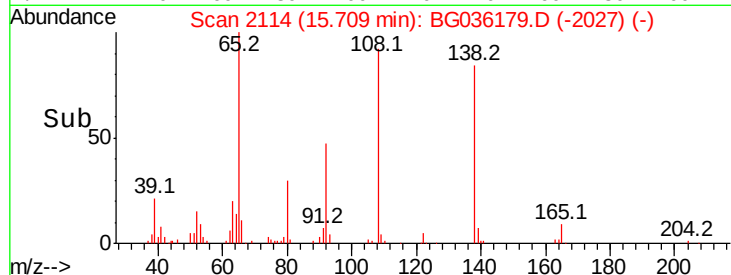
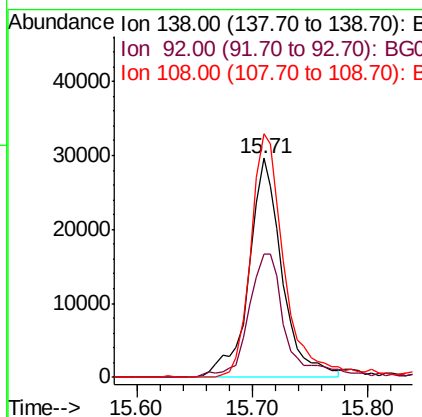
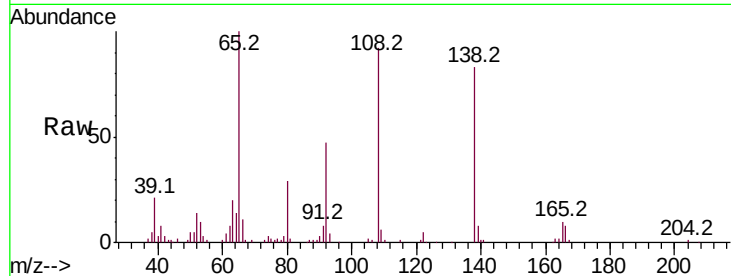




#61
4-Nitroaniline
Concen: 41.848 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

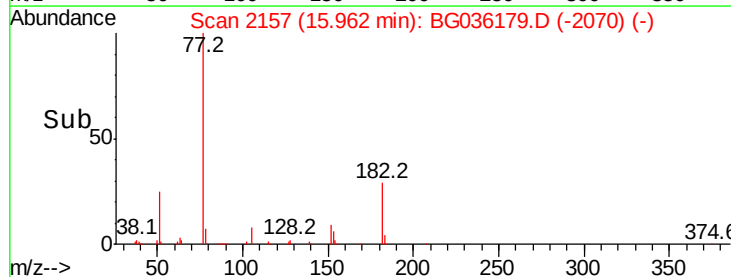
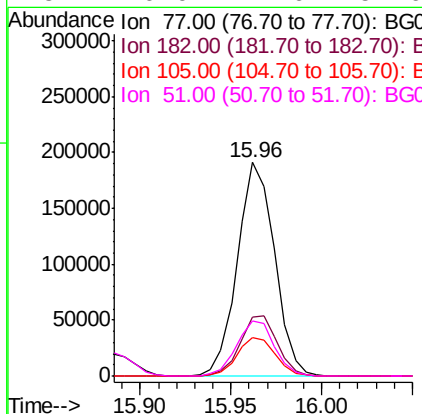
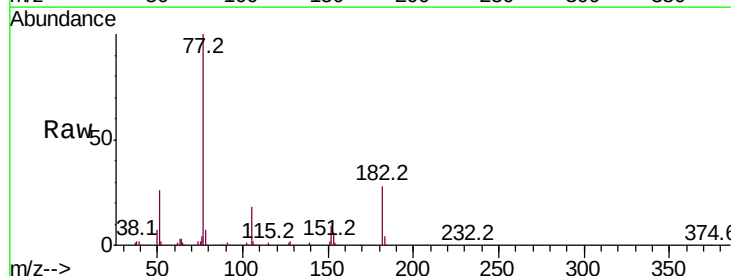
Instrument :
BNA_G
ClientSampleId :

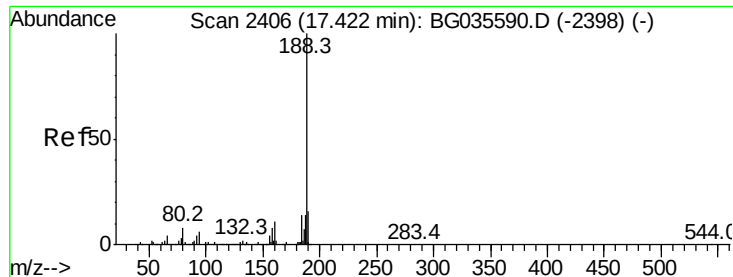
Tot Ion:138 Resp: 59373
Ion Ratio Lower Upper
138 100
92 56.5 40.1 80.1
108 111.3 65.4 105.4#



#62
Azobenzene
Concen: 41.156 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion: 77 Resp: 272023
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 17.8 0.3 40.3
51 26.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

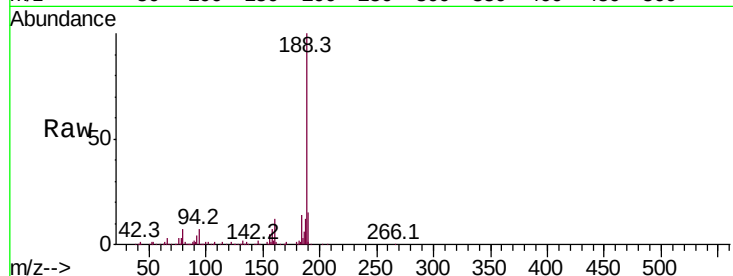
Tot Ion:188 Resp: 212262

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

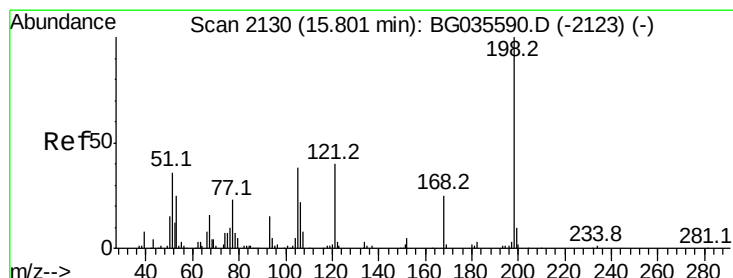
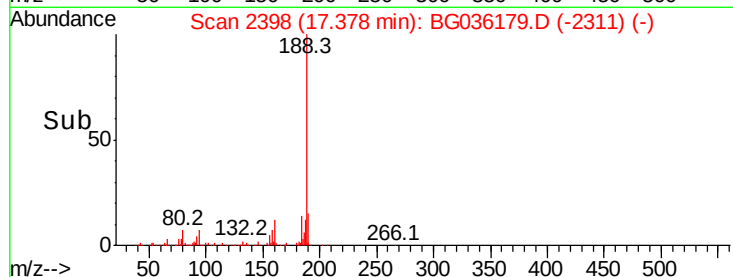
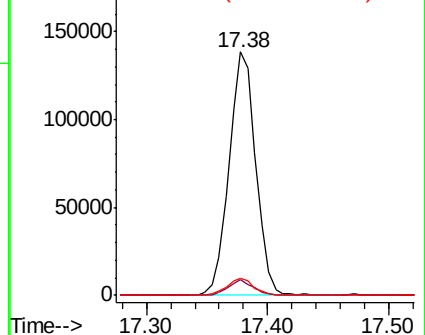
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.974 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

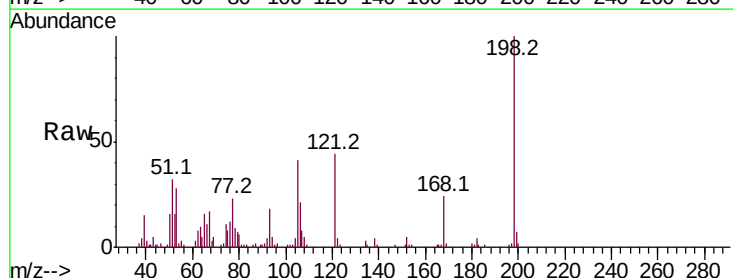
Tgt Ion:198 Resp: 55504

Ion Ratio Lower Upper

198 100

51 31.8 30.6 70.6

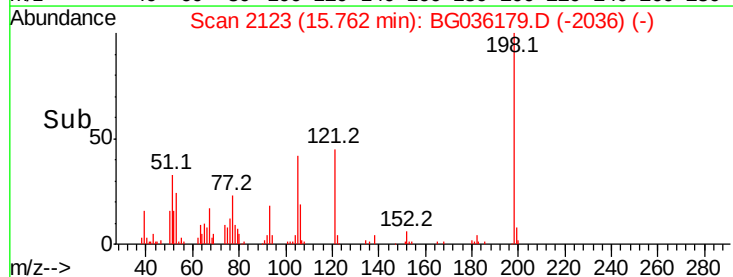
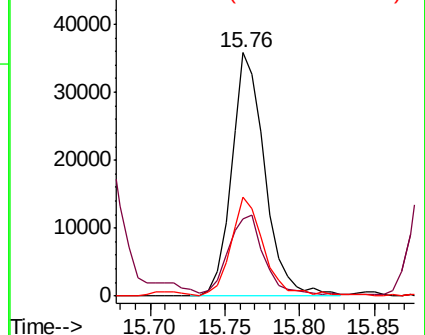
105 40.7 23.8 63.8

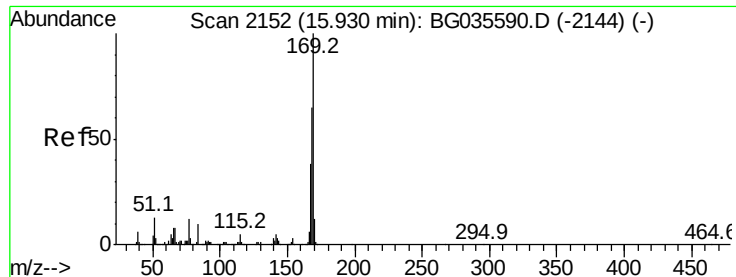


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.987 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

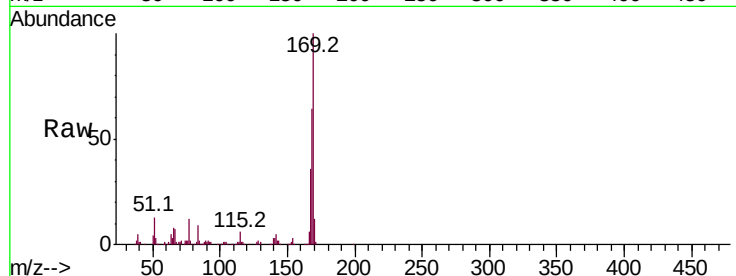
Tot Ion:169 Resp: 241590

Ion Ratio Lower Upper

169 100

168 63.9 55.7 83.5

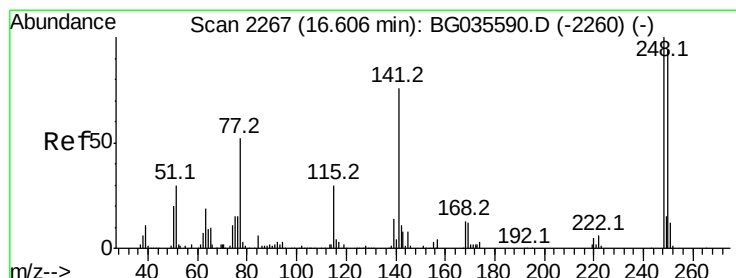
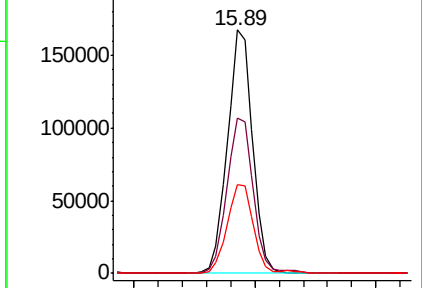
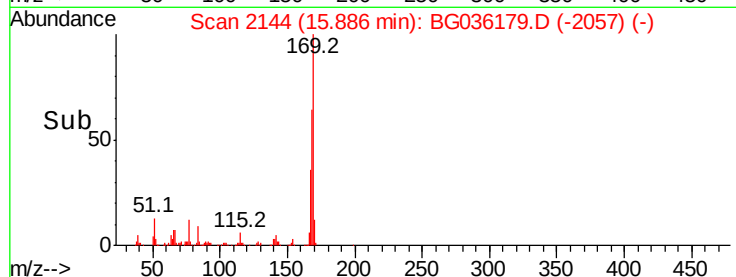
167 36.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.973 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

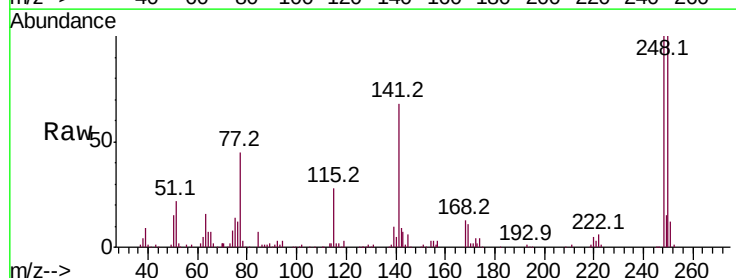
Tgt Ion:248 Resp: 108288

Ion Ratio Lower Upper

248 100

250 100.1 77.1 115.7

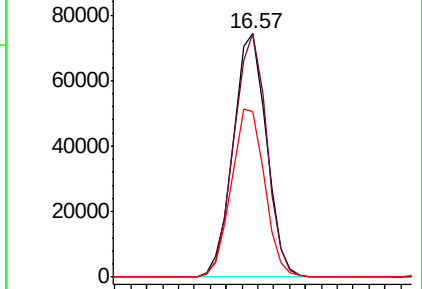
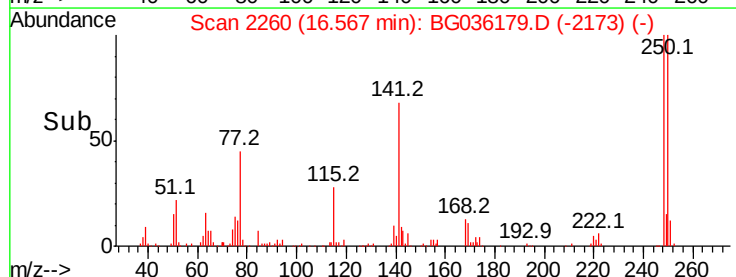
141 68.1 50.8 76.2

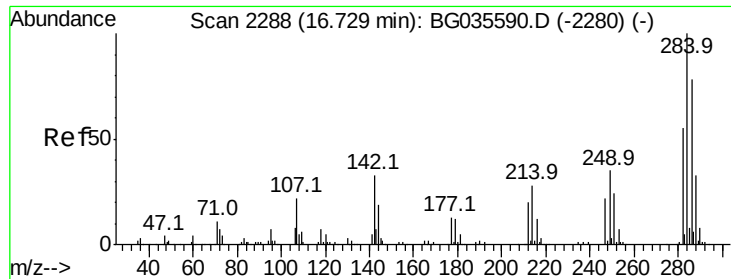


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.912 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

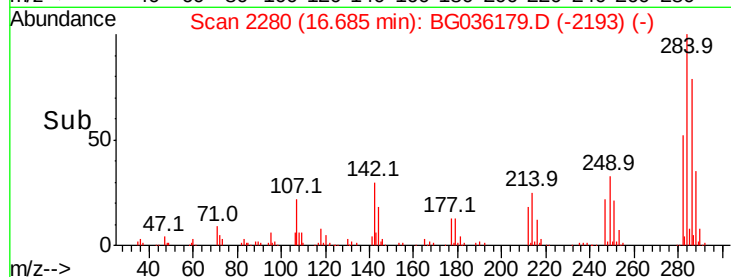
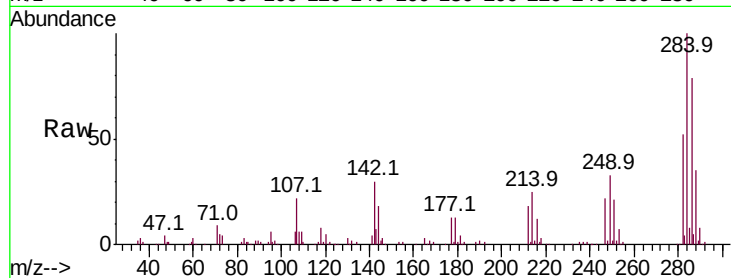
Tot Ion:284 Resp: 111361

Ion Ratio Lower Upper

284 100

142 30.2 26.8 40.2

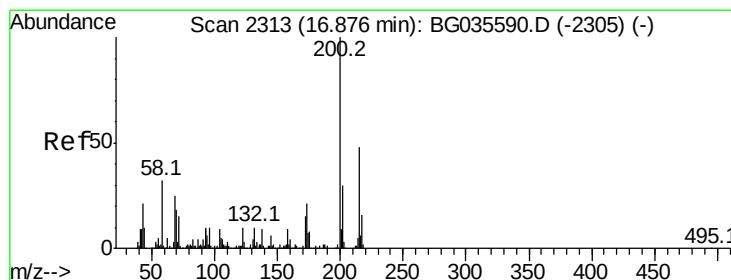
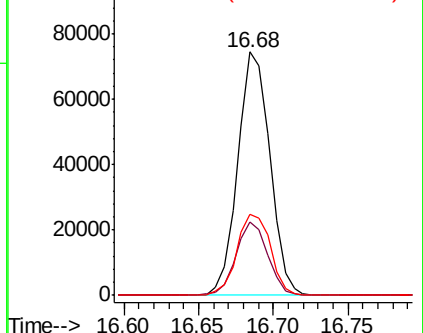
249 33.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.452 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

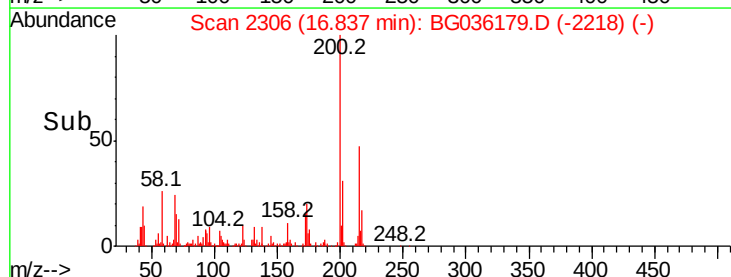
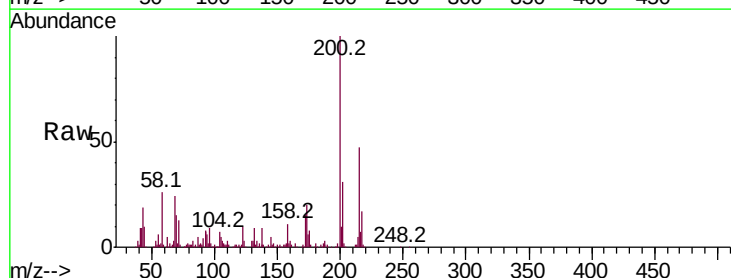
Tgt Ion:200 Resp: 115553

Ion Ratio Lower Upper

200 100

173 19.8 5.2 45.2

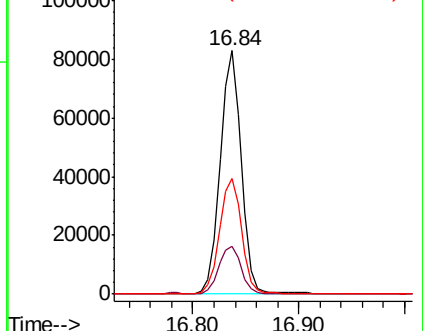
215 47.3 30.4 70.4

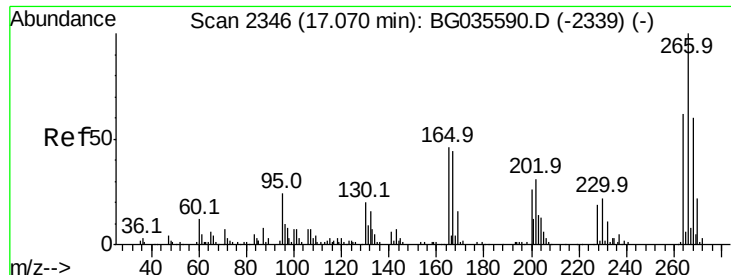


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

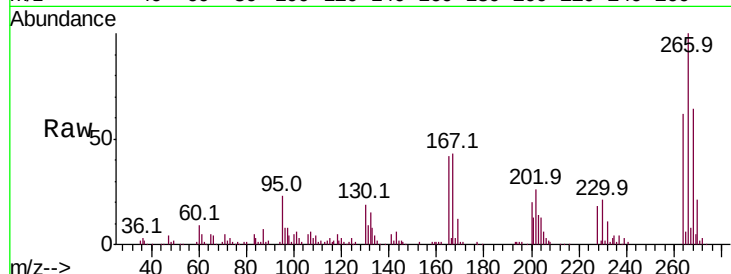




#69
 Pentachlorophenol
 Concen: 70.523 ng
 RT: 17.03 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	61.9	49.6	74.4

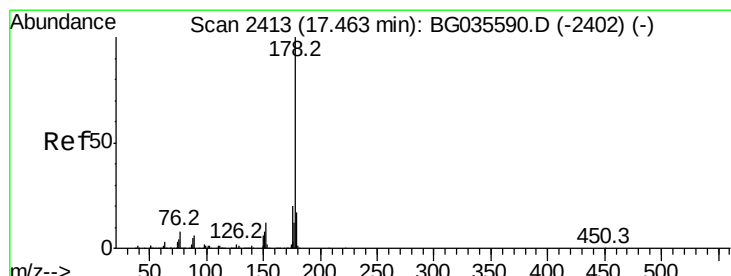
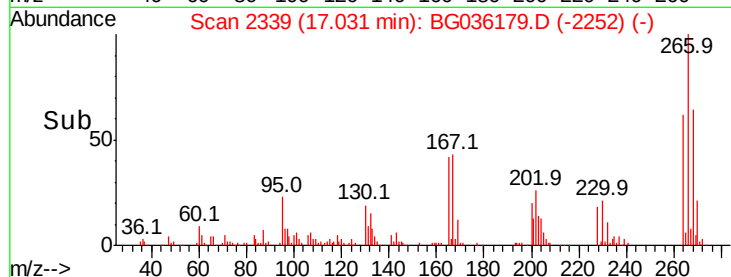
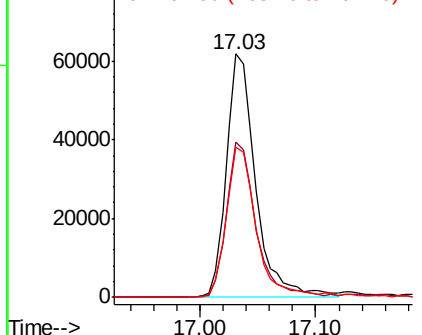


Abundance

Ion 265.70 (265.40 to 266.40): E

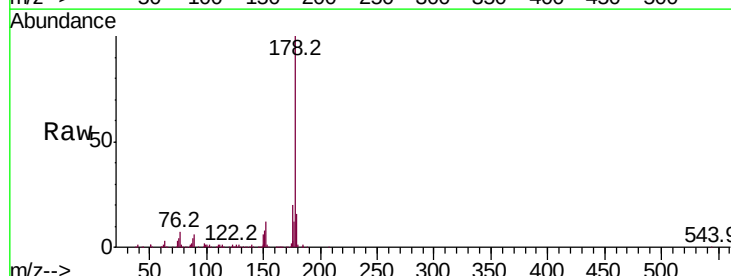
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.606 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.2	12.5	18.7

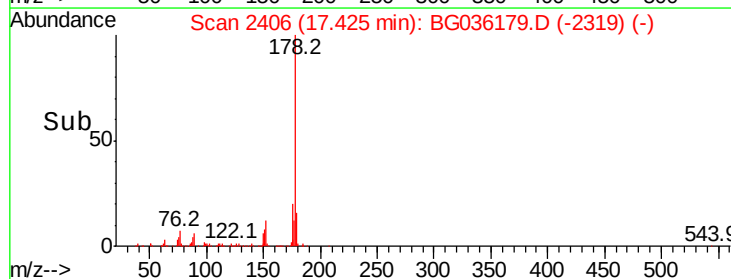
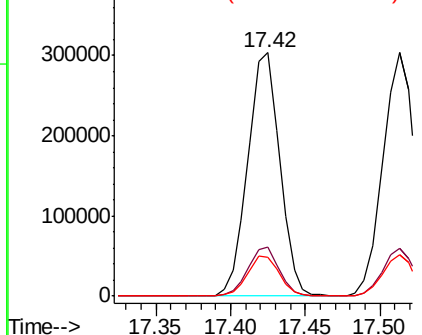


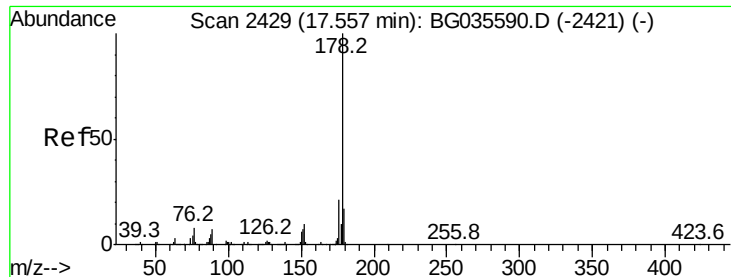
Abundance

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

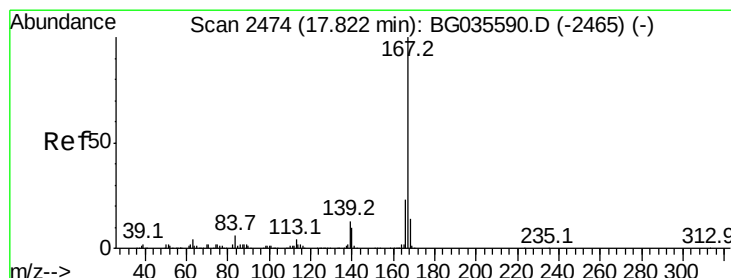
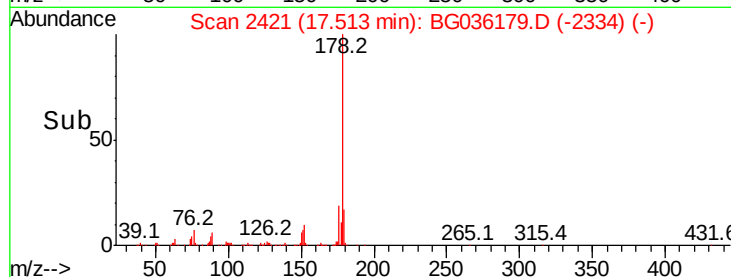
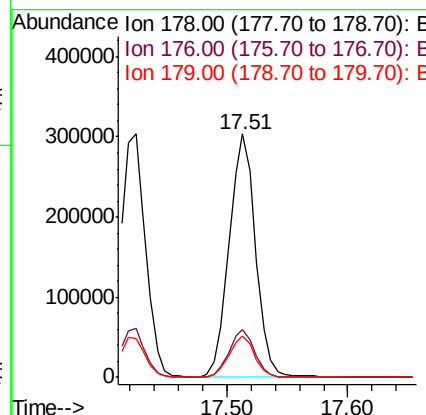
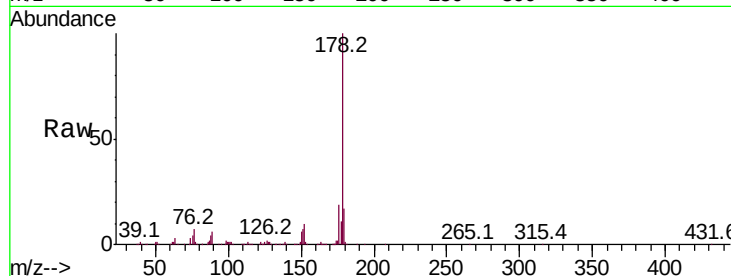




#71
 Anthracene
 Concen: 43.388 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

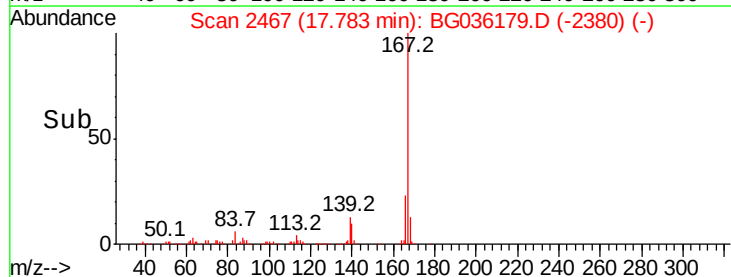
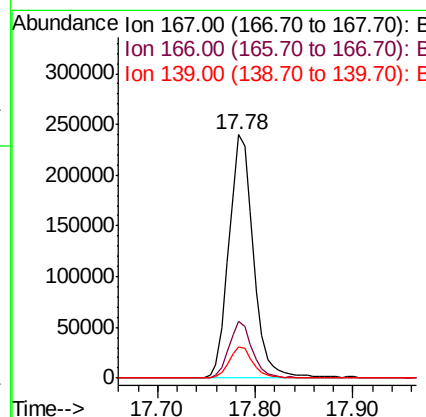
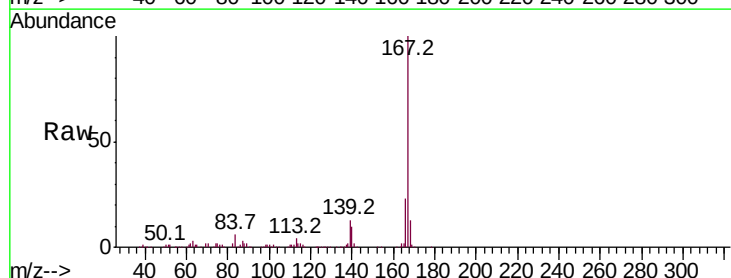
Instrument :
 BNA_G
 ClientSampleId :

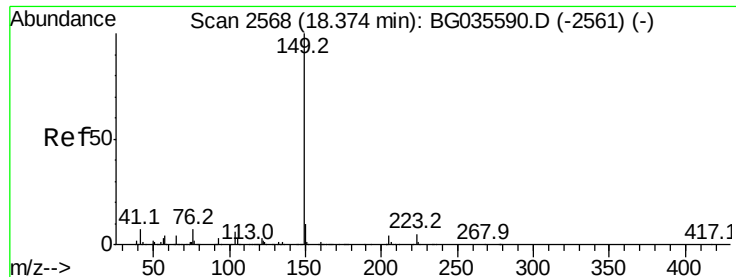
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	17.0	12.5	18.7



#72
 Carbazole
 Concen: 41.801 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 40.983 ng

RT: 18.34 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

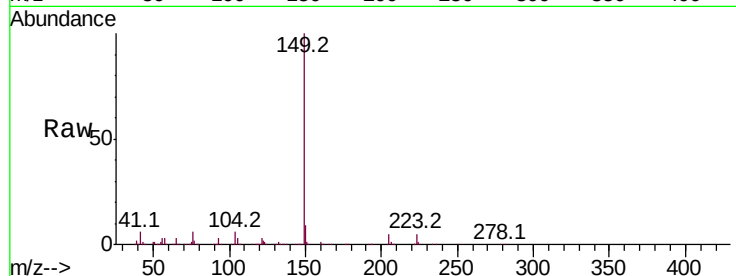
Tot Ion:149 Resp: 485059

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

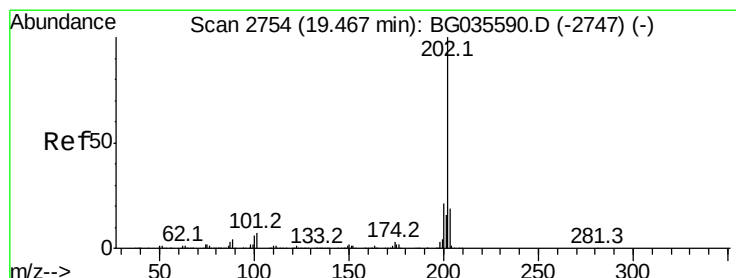
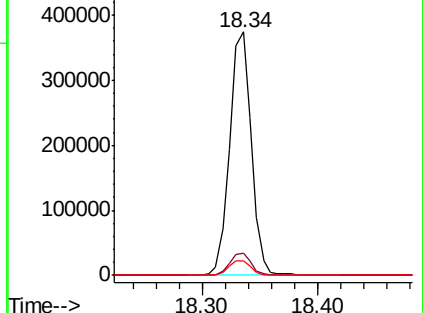
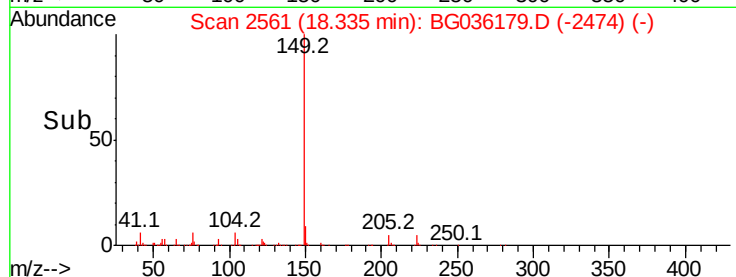
104 5.8 3.9 5.9



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: 43.435 ng

RT: 19.43 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

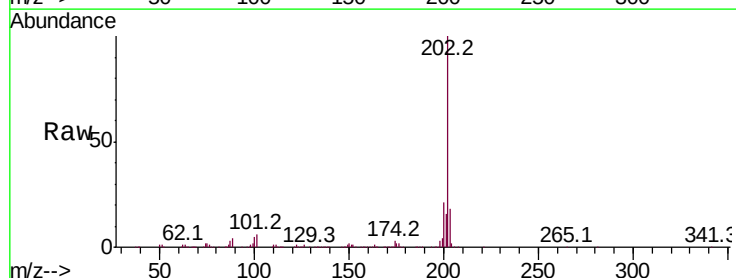
Tgt Ion:202 Resp: 619676

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

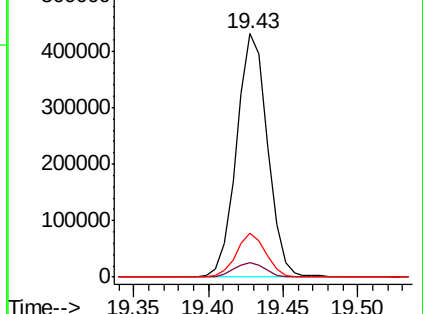
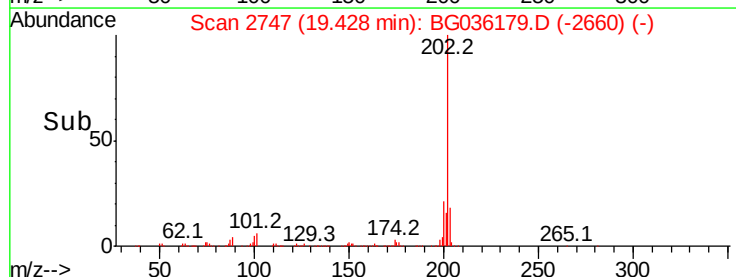
203 17.8 0.0 37.5

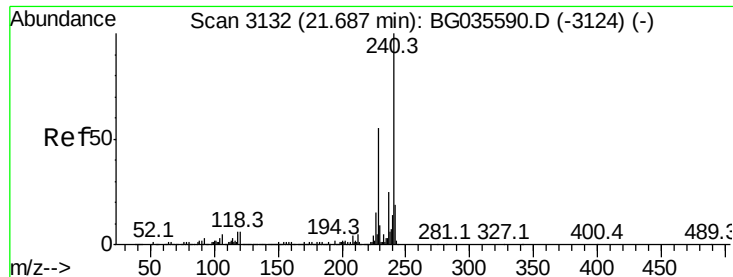


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

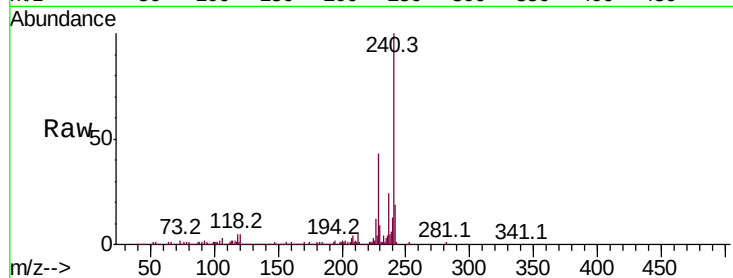
Tot Ion:240 Resp: 238485

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

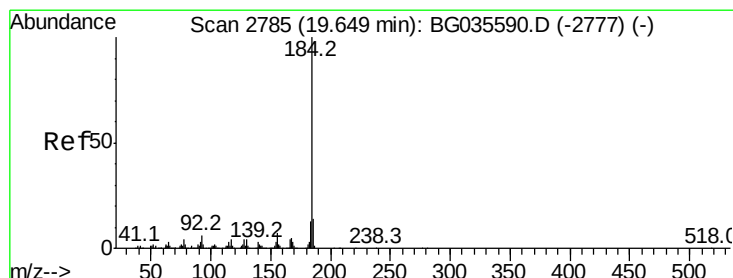
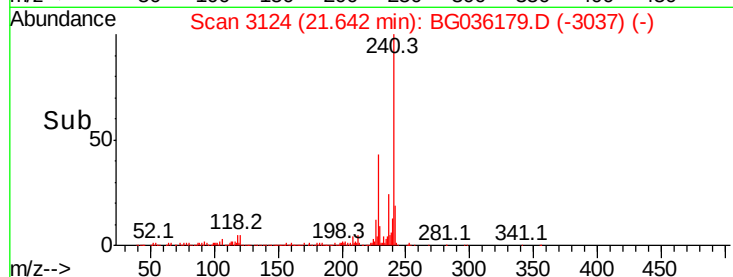
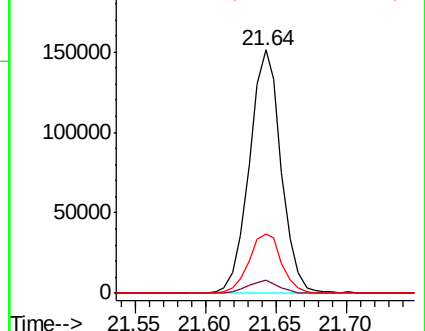
236 24.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.271 ng

RT: 19.61 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

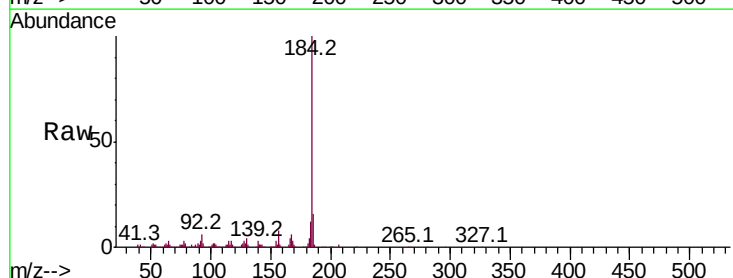
Tgt Ion:184 Resp: 239952

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

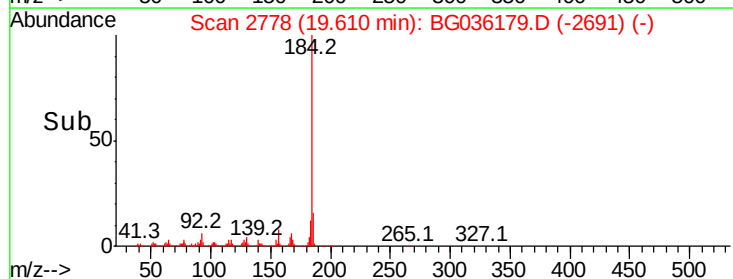
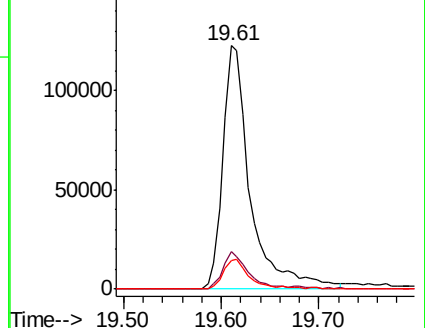
183 11.8 10.6 16.0

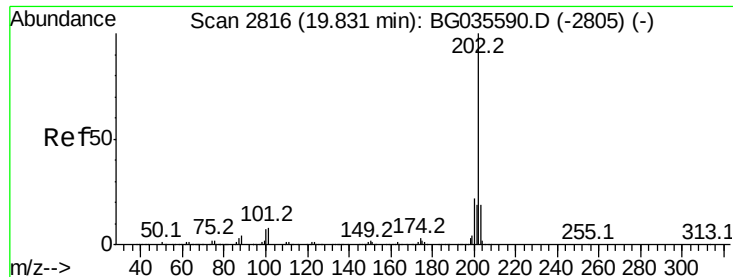


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.809 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

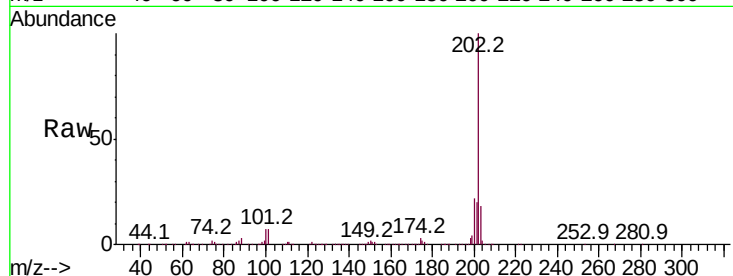
Tot Ion:202 Resp: 615385

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

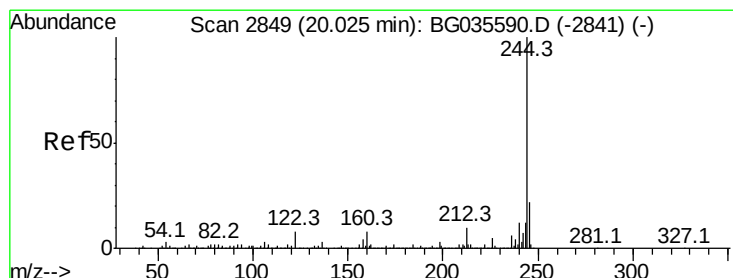
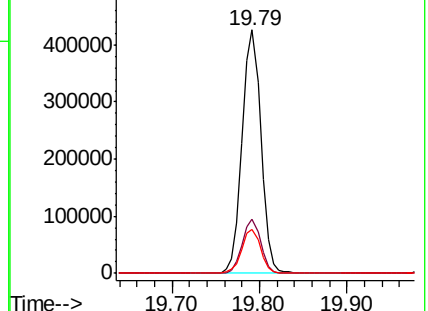
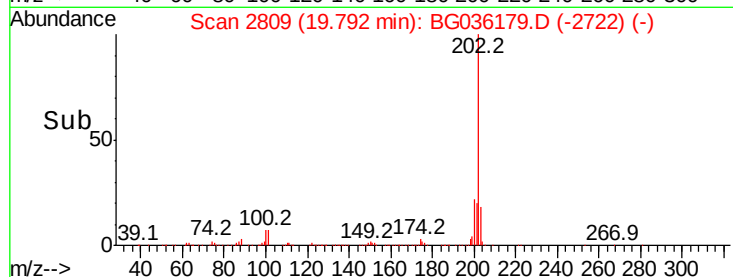
203 18.0 13.9 20.9



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: 93.695 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

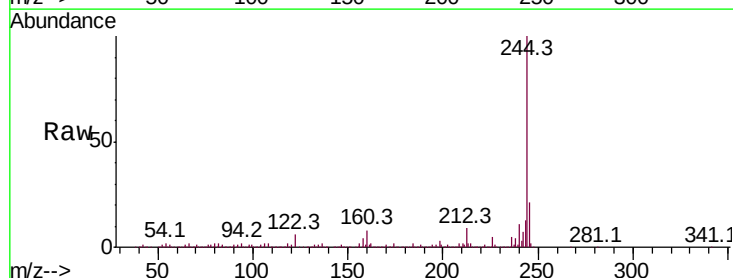
Tgt Ion:244 Resp: 1013693

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

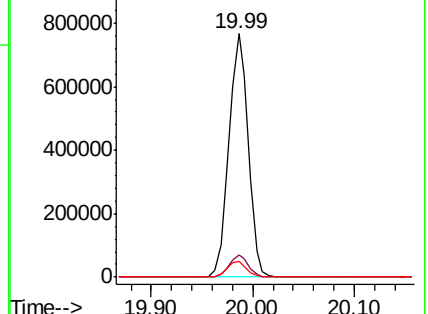
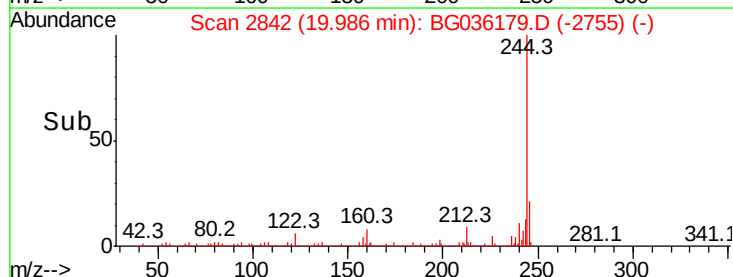
122 6.4 7.0 10.4#

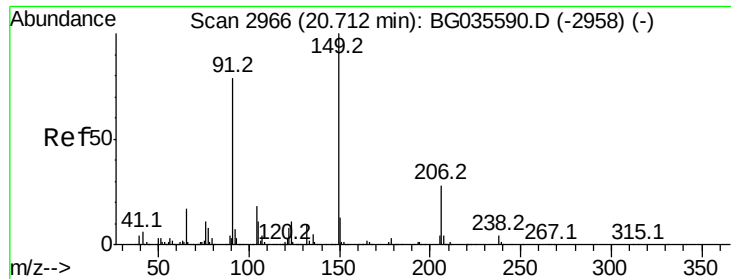


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.264 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BG036179.D

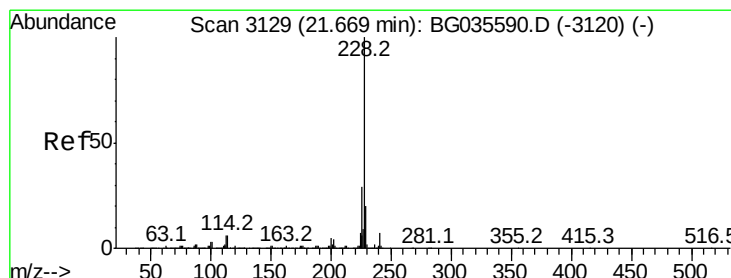
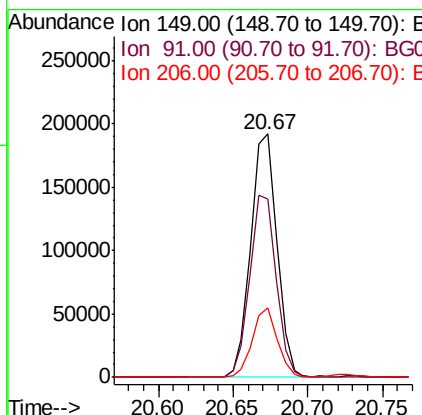
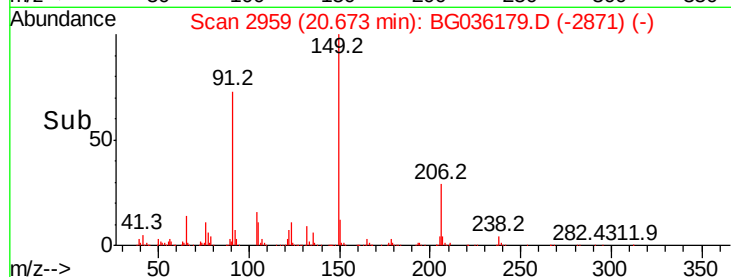
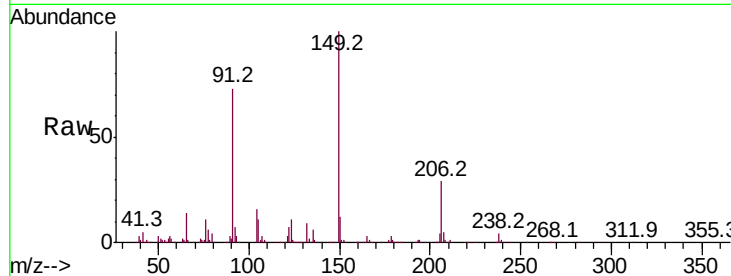
Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

Tot Ion:	149	Resp:	233305
Ion	Ratio	Lower	Upper
149	100		
91	73.0	62.2	93.2
206	28.5	18.6	27.8#



#80

Benzo(a)anthracene

Concen: 41.684 ng

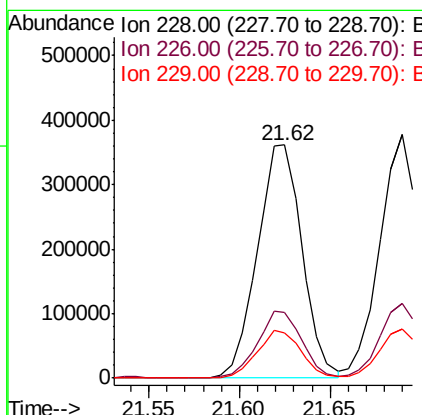
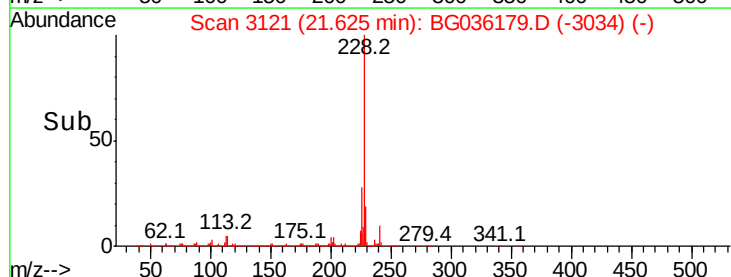
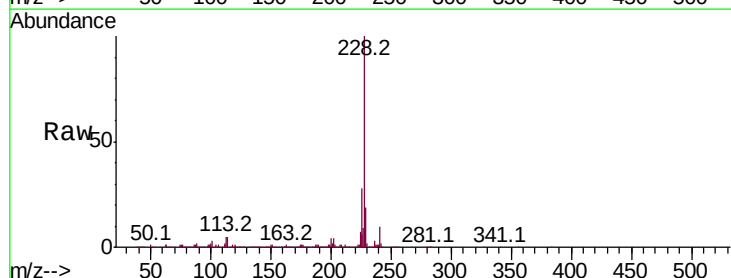
RT: 21.62 min Scan# 3121

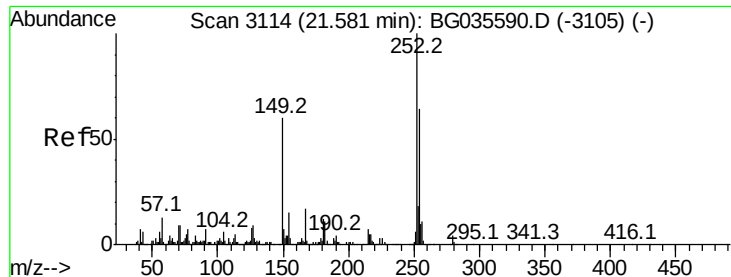
Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Tgt Ion:	228	Resp:	619497
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	19.2	16.2	24.2

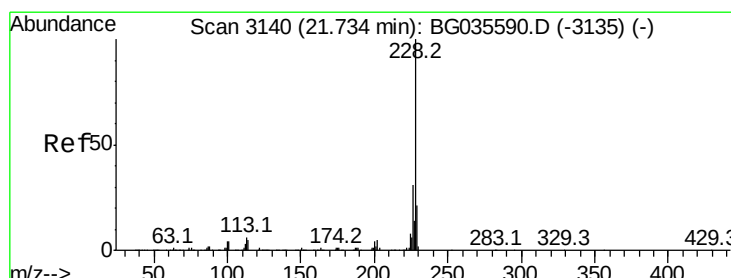
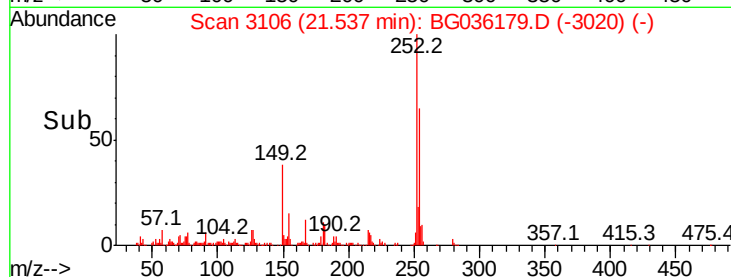
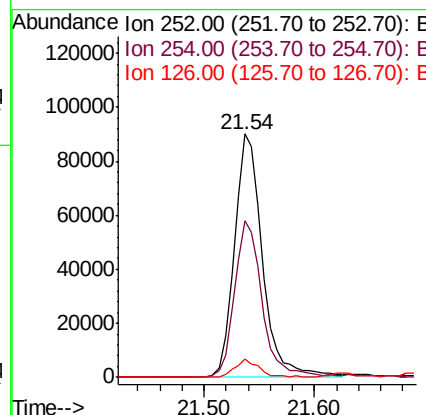
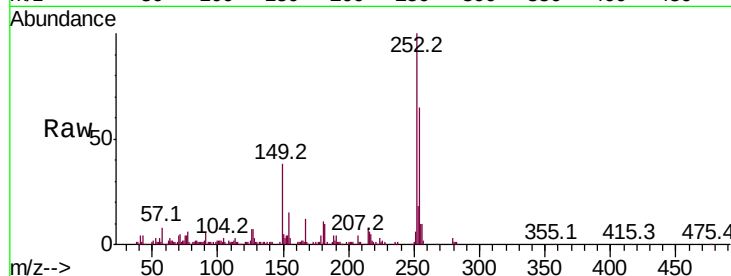




#81
 3,3'-Dichlorobenzidine
 Concen: 30.945 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

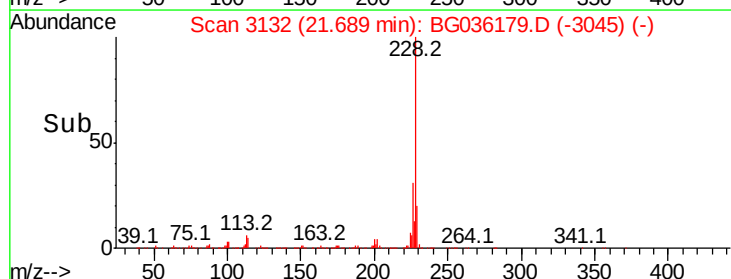
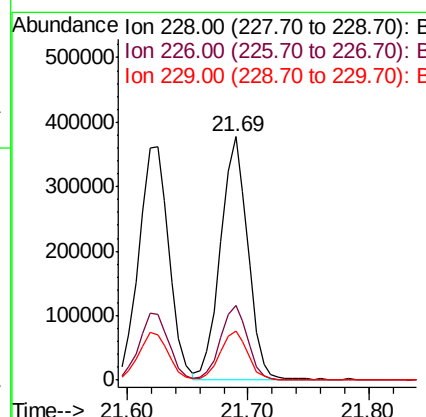
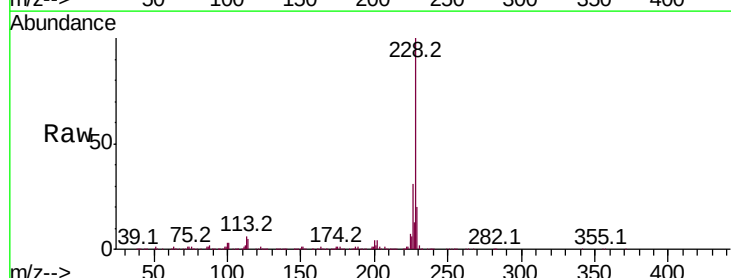
Instrument :
 BNA_G
 ClientSampleId :

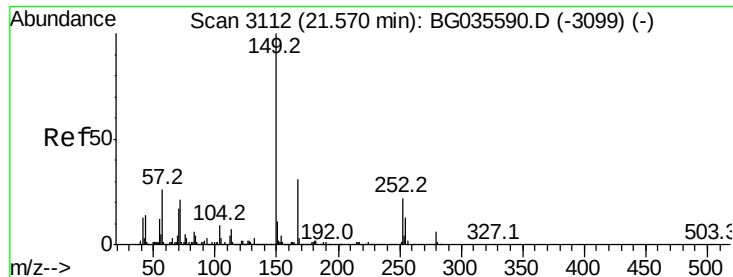
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	7.5	7.4	11.2



#82
 Chrysene
 Concen: 42.673 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036179.D
 Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.539 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

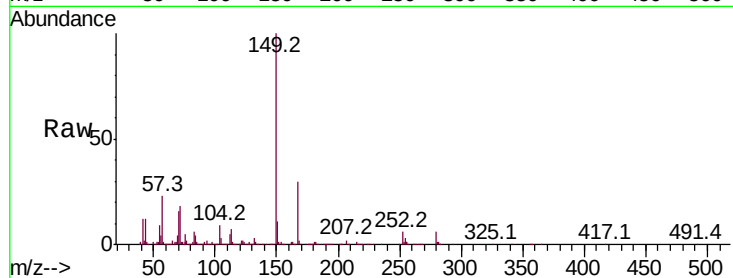
Tot Ion:149 Resp: 319194

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

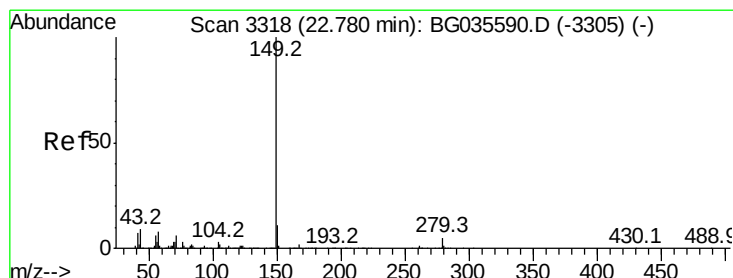
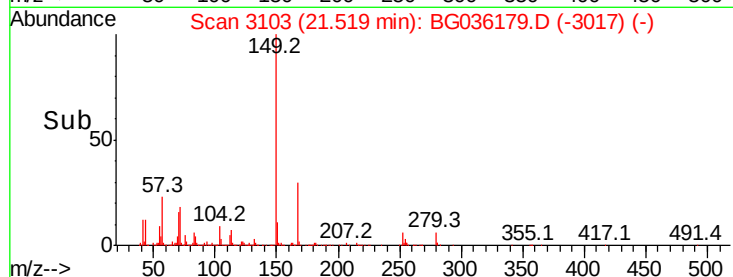
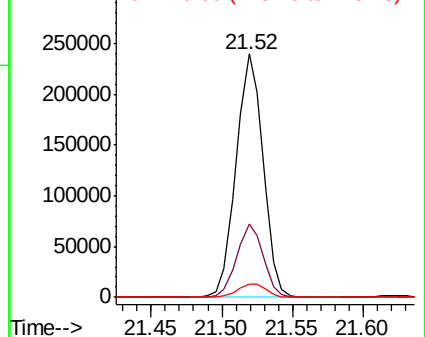
279 5.5 4.0 6.0



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: 43.714 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

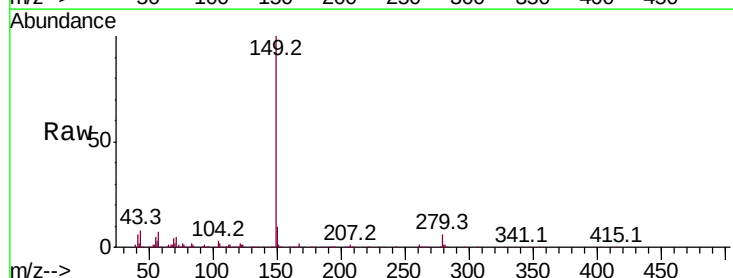
Tgt Ion:149 Resp: 536598

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

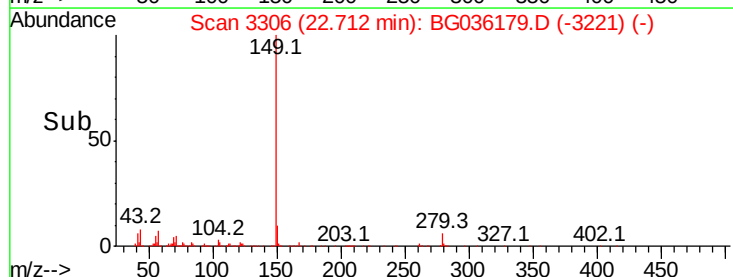
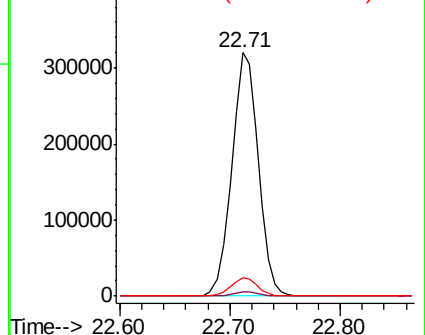
43 7.6 8.9 13.3#

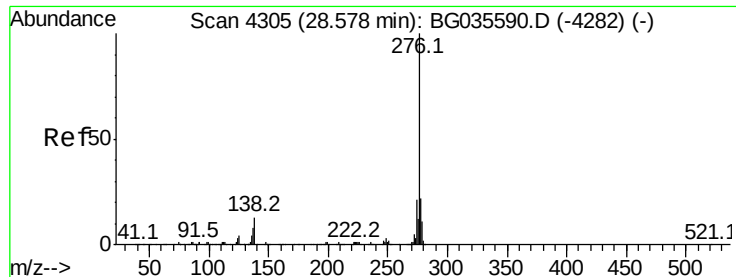


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.654 ng

RT: 28.46 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

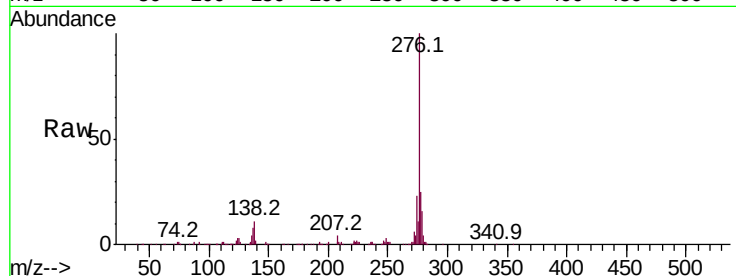
Tot Ion:276 Resp: 650369

Ion Ratio Lower Upper

276 100

138 7.2 16.0 24.0#

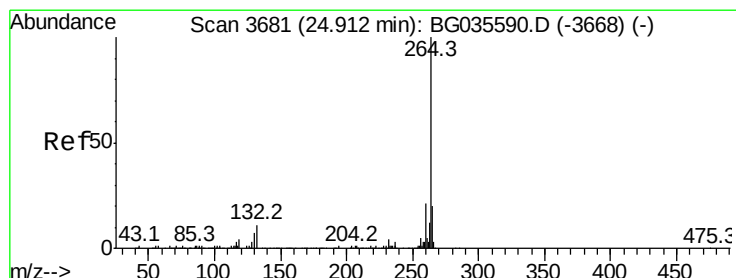
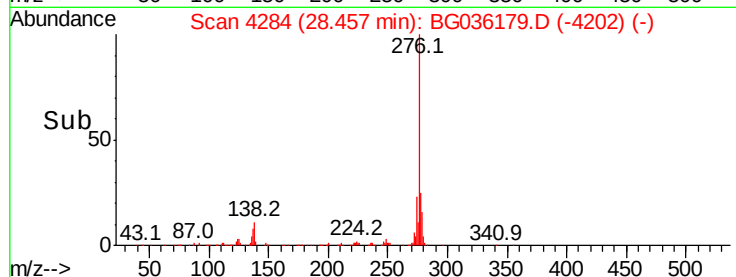
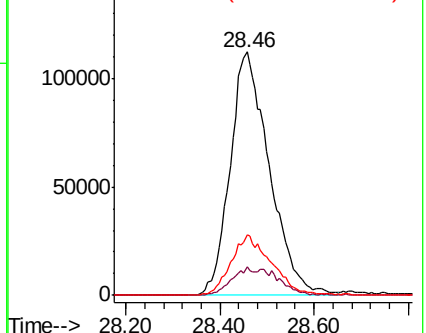
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3665

Delta R.T. -0.04 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

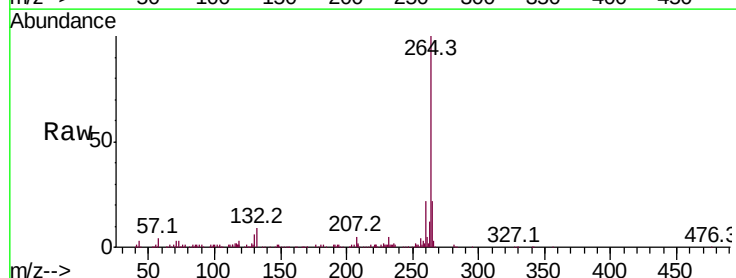
Tgt Ion:264 Resp: 227391

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

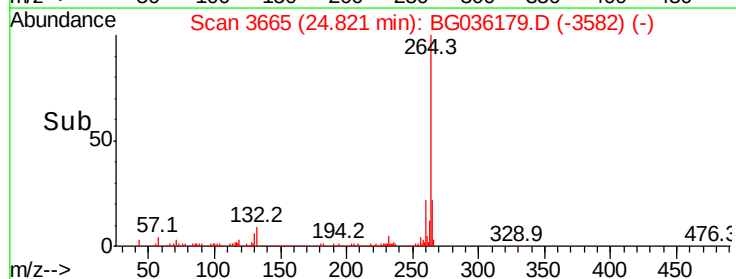
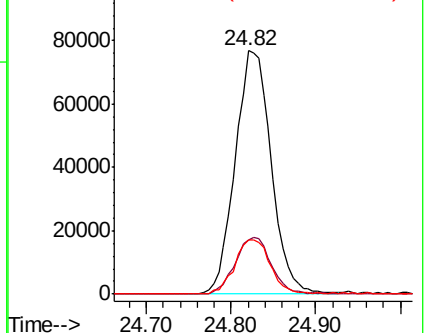
265 22.3 17.7 26.5

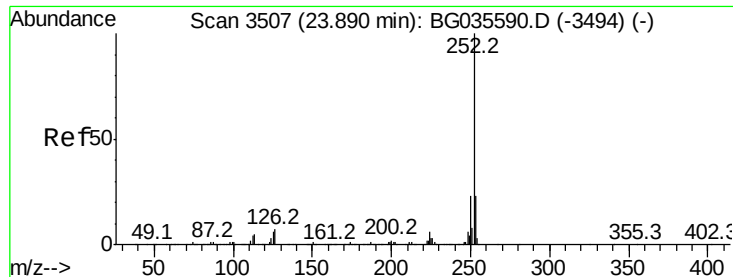


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

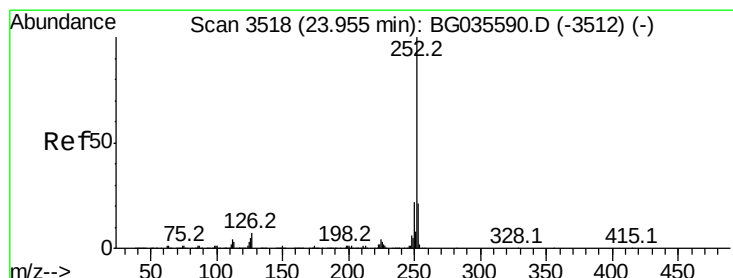
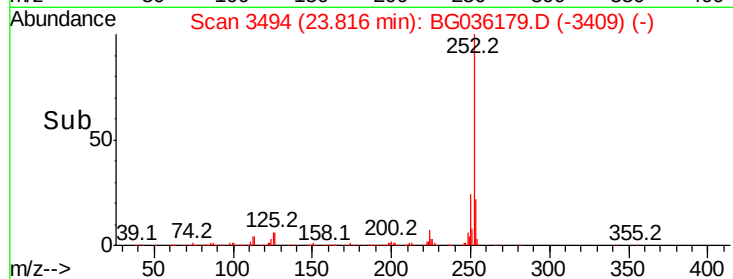
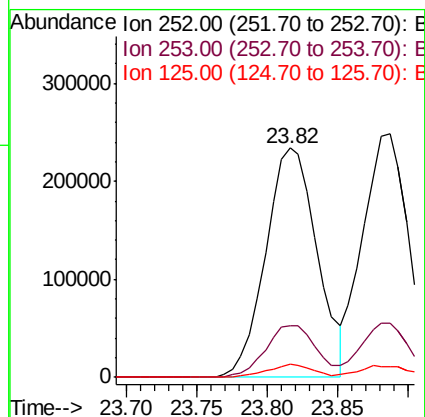
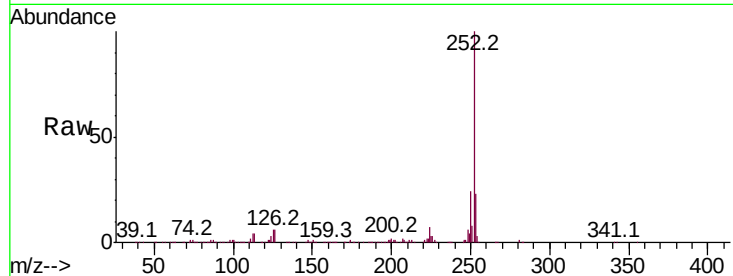




#87
Benzo(b)fluoranthene
Concen: 43.049 ng
RT: 23.82 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

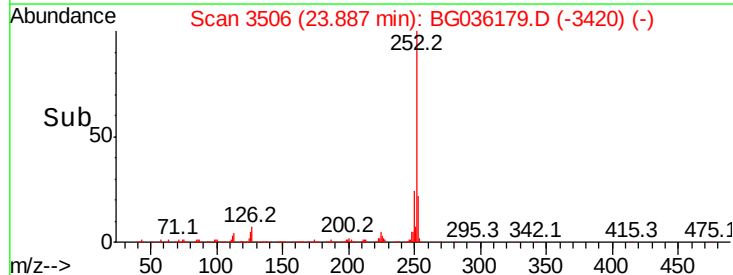
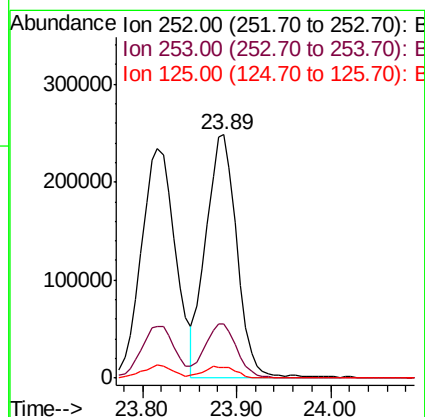
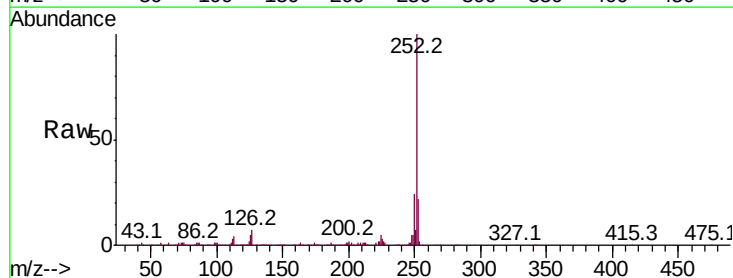
Instrument :
BNA_G
ClientSampleId :

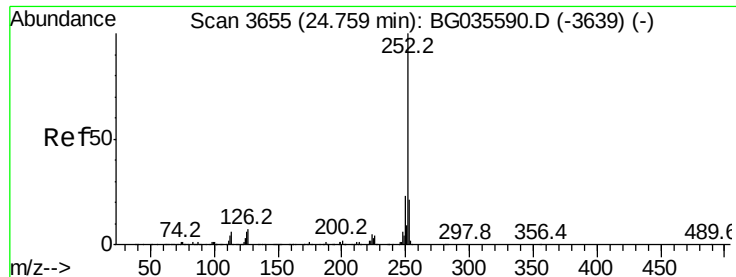
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.5	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 42.096 ng
RT: 23.89 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG036179.D
Acq: 8 Aug 2018 2:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	4.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 44.605 ng

RT: 24.67 min Scan# 3640

Delta R.T. -0.03 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampled :

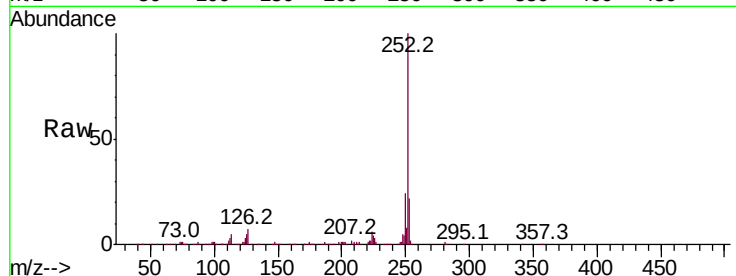
Tot Ion:252 Resp: 573519

Ion Ratio Lower Upper

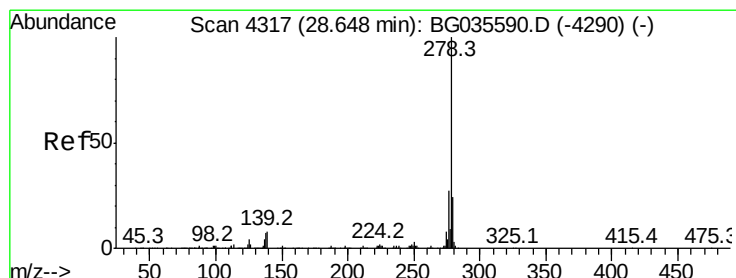
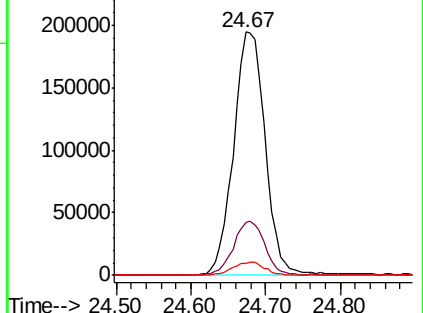
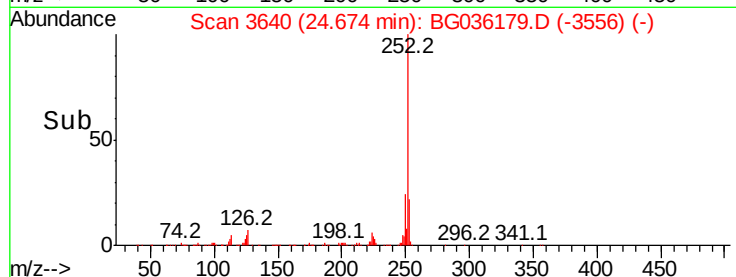
252 100

253 22.0 18.3 27.5

125 4.9 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.051 ng

RT: 28.51 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

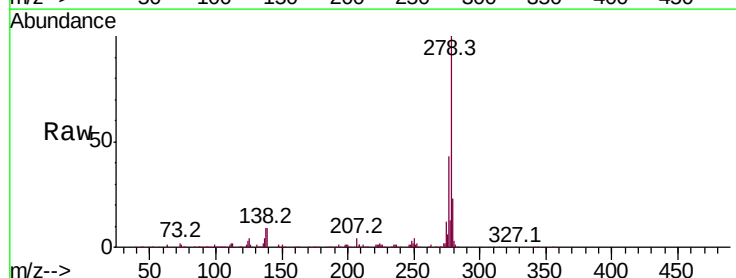
Tgt Ion:278 Resp: 543439

Ion Ratio Lower Upper

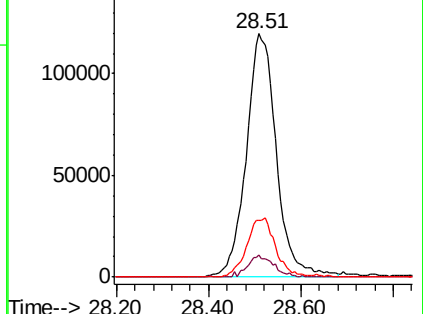
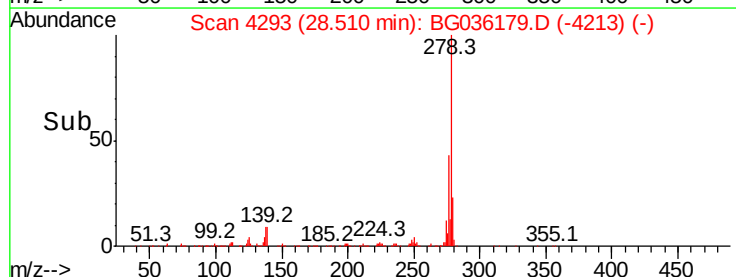
278 100

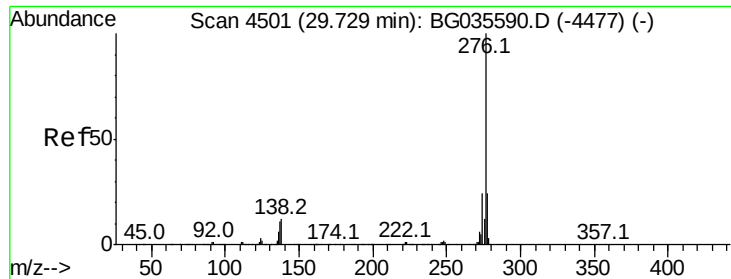
139 8.9 9.8 14.6#

279 23.1 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(a,h,i)perylene

Concen: 44.649 ng

RT: 29.59 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG036179.D

Acq: 8 Aug 2018 2:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 551512

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 11.5 13.9 20.9#

