

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036993.D
 Acq On : 26 Sep 2018 22:25
 Operator : JU/SJ
 Sample : PB113238BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 08:08:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41971	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	171294	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	110054	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	277400	20.00	ng	0.00
75) Chrysene-d12	21.69	240	290550	20.00	ng	0.00
86) Perylene-d12	24.89	264	299107	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	329582	150.60	ng	0.00
7) Phenol-d6	7.21	99	465865	137.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	301370	94.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	193942	147.29	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	657685	89.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1139947	103.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	40747	40.689	ng	96
3) Pyridine	3.92	79	116586	40.320	ng	92
4) n-Nitrosodimethylamine	3.84	42	69569	54.132	ng	# 92
6) Aniline	7.37	93	161238	36.699	ng	97
8) 2-Chlorophenol	7.61	128	130405	51.318	ng	93
9) Benzaldehyde	7.18	77	82221	36.748	ng	98
10) Phenol	7.23	94	177137	50.690	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	133690	41.358	ng	99
12) 1,3-Dichlorobenzene	7.93	146	134311	43.112	ng	96
13) 1,4-Dichlorobenzene	8.08	146	137326	43.074	ng	99
14) 1,2-Dichlorobenzene	8.39	146	132230	42.799	ng	97
15) Benzyl Alcohol	8.28	79	122727	44.670	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	270464	43.582	ng	97
17) 2-Methylphenol	8.48	107	116885	48.018	ng	98
18) Hexachloroethane	9.12	117	53368	45.488	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	113553	40.313	ng	96
20) 3+4-Methylphenols	8.81	107	162601	48.017	ng	98
22) Acetophenone	8.86	105	197045	48.951	ng	98
24) Nitrobenzene	9.25	77	169073	49.496	ng	97
25) Isophorone	9.76	82	318323	54.463	ng	100
26) 2-Nitrophenol	9.96	139	72814	53.478	ng	96
27) 2,4-Dimethylphenol	10.02	122	124642	58.768	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	180524	50.055	ng	97
29) 2,4-Dichlorophenol	10.49	162	135861	55.259	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	141144	45.873	ng	98
31) Naphthalene	10.90	128	412290	50.586	ng	100
32) Benzoic acid	10.15	122	32426	23.354	ng	97
33) 4-Chloroaniline	11.01	127	102743	27.726	ng	96
34) Hexachlorobutadiene	11.18	225	96923	45.551	ng	96
35) Caprolactam	11.79	113	37560	37.117	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	162268	55.313	ng	98
37) 2-Methylnaphthalene	12.50	142	317456	51.141	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	181164	47.197	ng	98
40) Hexachlorocyclopentadiene	12.84	237	212988	107.889	ng	97

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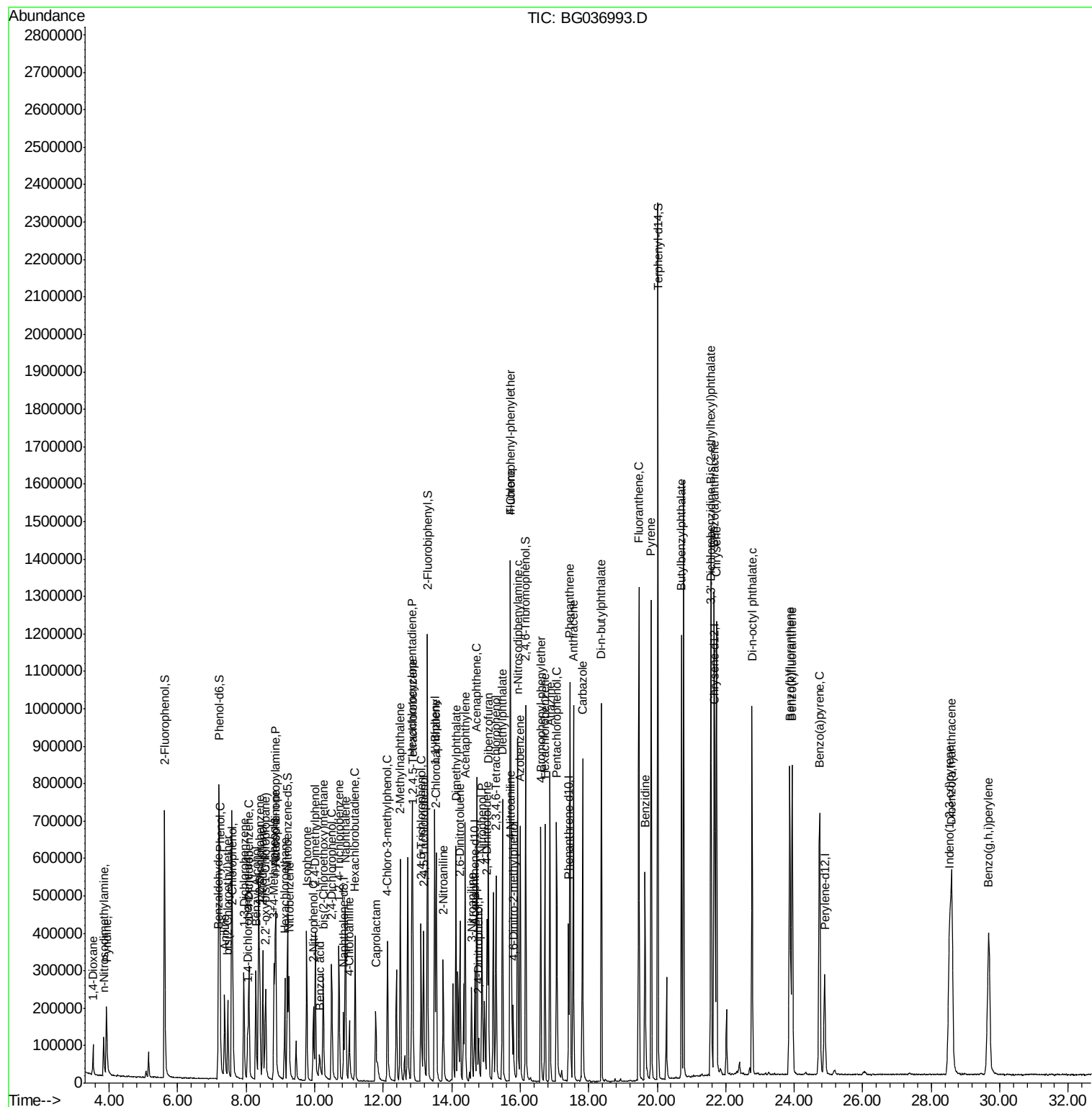
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	116445	54.630	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	129056	56.781	ng	97
45) 1,1'-Biphenyl	13.50	154	418947	49.705	ng	99
46) 2-Chloronaphthalene	13.55	162	318859	48.105	ng	99
47) 2-Nitroaniline	13.75	65	123070	53.680	ng	94
48) Acenaphthylene	14.39	152	543558	52.332	ng	99
49) Dimethylphthalate	14.12	163	429653	48.501	ng	100
50) 2,6-Dinitrotoluene	14.24	165	96003	49.671	ng	99
51) Acenaphthene	14.73	154	311092	49.557	ng	99
52) 3-Nitroaniline	14.58	138	76317	37.471	ng	99
53) 2,4-Dinitrophenol	14.78	184	34661	42.256	ng	# 86
54) Dibenzofuran	15.07	168	513929	48.401	ng	99
55) 4-Nitrophenol	14.88	139	144803	111.291	ng	93
56) 2,4-Dinitrotoluene	15.03	165	137780	51.087	ng	97
57) Fluorene	15.72	166	416090	52.428	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	131773	57.151	ng	98
59) Diethylphthalate	15.48	149	438796	49.111	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	231252	46.011	ng	99
61) 4-Nitroaniline	15.74	138	107659	50.254	ng	96
62) Azobenzene	16.00	77	443434	51.652	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	51732	35.670	ng	98
65) n-Nitrosodiphenylamine	15.92	169	380262	49.654	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	150510	47.701	ng	98
67) Hexachlorobenzene	16.72	284	151957	46.760	ng	99
68) Atrazine	16.87	200	162760	52.488	ng	98
69) Pentachlorophenol	17.06	266	160631	78.509	ng	96
70) Phenanthrene	17.45	178	706167	52.826	ng	99
71) Anthracene	17.55	178	717882	54.310	ng	99
72) Carbazole	17.82	167	649442	50.392	ng	98
73) Di-n-butylphthalate	18.37	149	746321	52.145	ng	99
74) Fluoranthene	19.46	202	874760	54.363	ng	99
76) Benzidine	19.65	184	418933	47.697	ng	98
77) Pyrene	19.82	202	861889	49.433	ng	99
79) Butylbenzylphthalate	20.70	149	357935	51.504	ng	100
80) Benzo(a)anthracene	21.66	228	869562	51.269	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	234345	36.299	ng	97
82) Chrysene	21.73	228	827091	50.471	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	490728	50.546	ng	99
84) Di-n-octyl phthalate	22.77	149	831009	51.988	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	976086	55.467	ng	99
87) Benzo(b)fluoranthene	23.87	252	860282	53.970	ng	97
88) Benzo(k)fluoranthene	23.94	252	824258	51.541	ng	99
89) Benzo(a)pyrene	24.74	252	831624	53.965	ng	100
90) Dibenzo(a,h)anthracene	28.60	278	774793	53.645	ng	95
91) Benzo(g,h,i)perylene	29.68	276	807127	55.683	ng	98

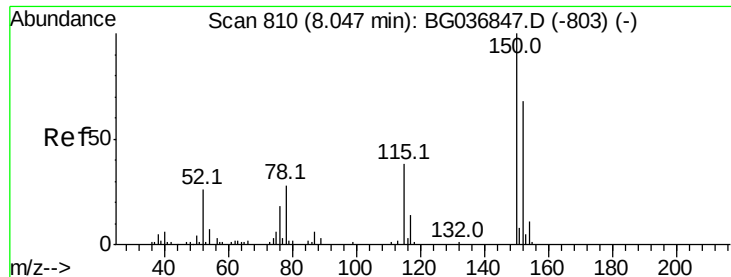
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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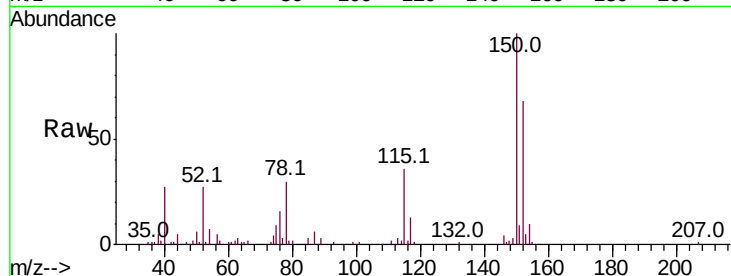


#1

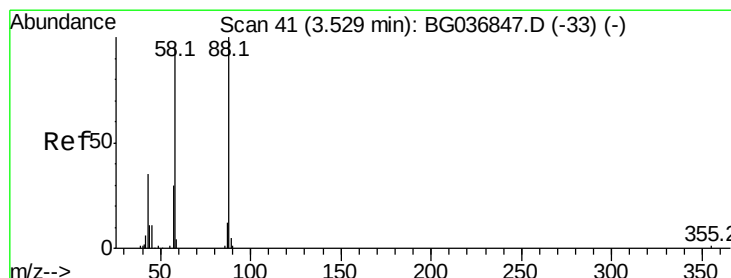
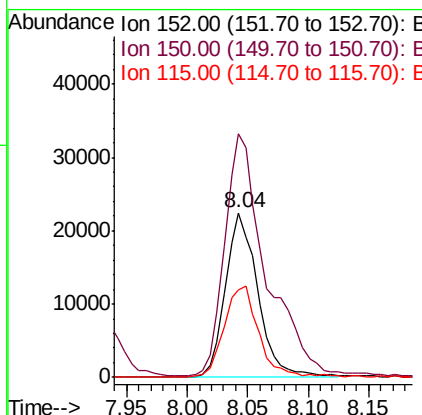
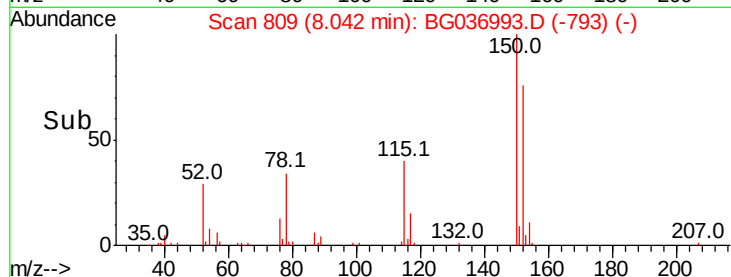
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41971
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 52.9 44.5 66.7



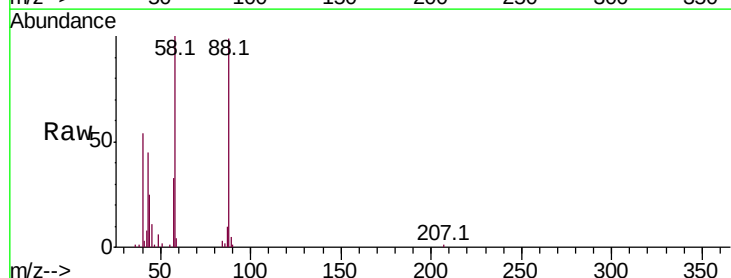
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



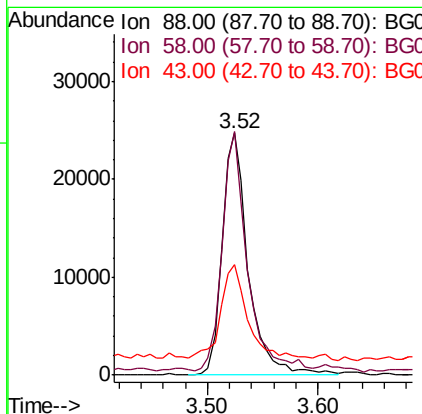
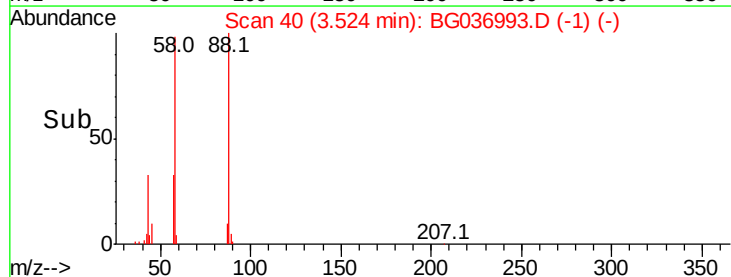
#2

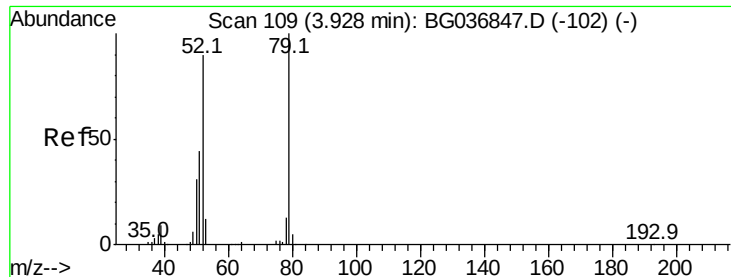
1,4-Dioxane
Concen: 40.689 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion: 88 Resp: 40747
Ion Ratio Lower Upper
88 100
58 94.9 72.6 109.0
43 38.0 29.0 43.4



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: 40.320 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

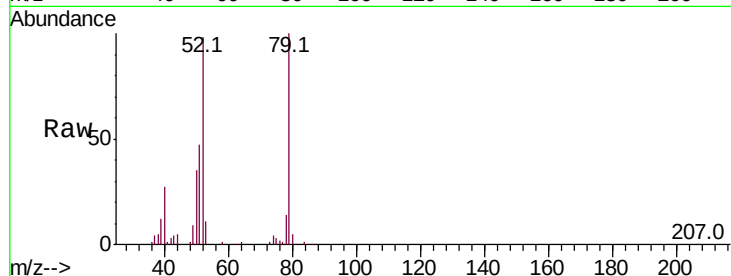
Tot Ion: 79 Resp: 116586

Ion Ratio Lower Upper

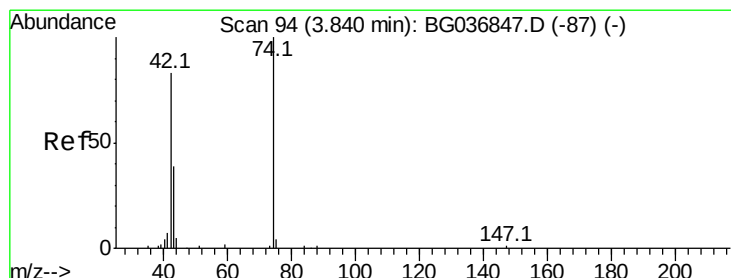
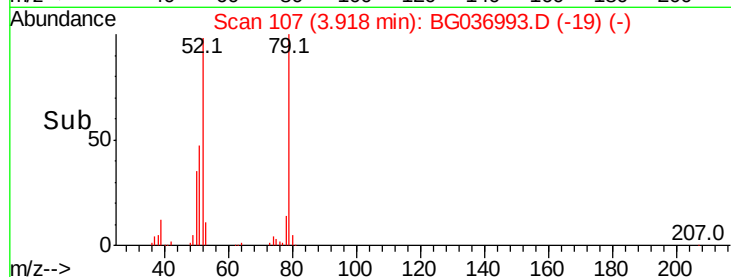
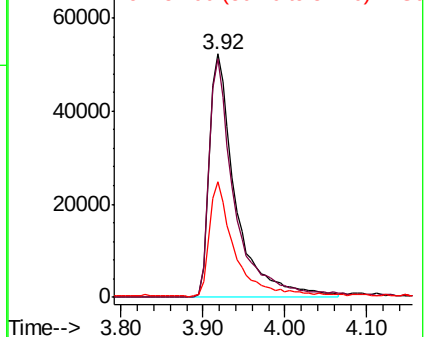
79 100

52 97.8 72.3 108.5

51 47.4 33.8 50.6



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: 54.132 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

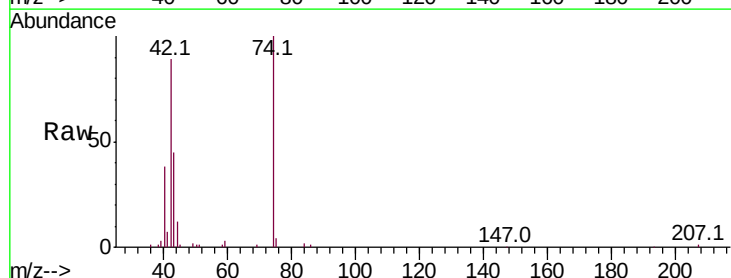
Tgt Ion: 42 Resp: 69569

Ion Ratio Lower Upper

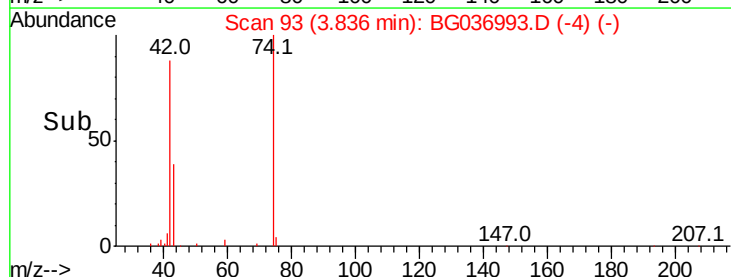
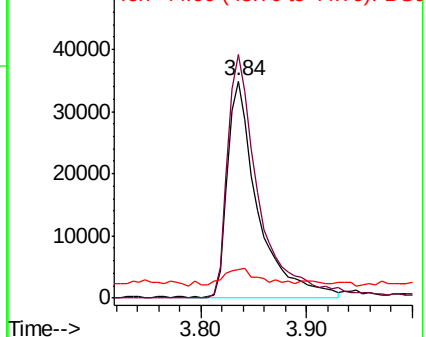
42 100

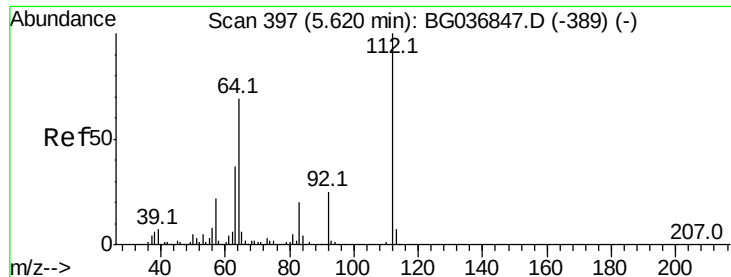
74 112.1 96.6 145.0

44 13.1 7.0 10.4#



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: 150.596 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampled :

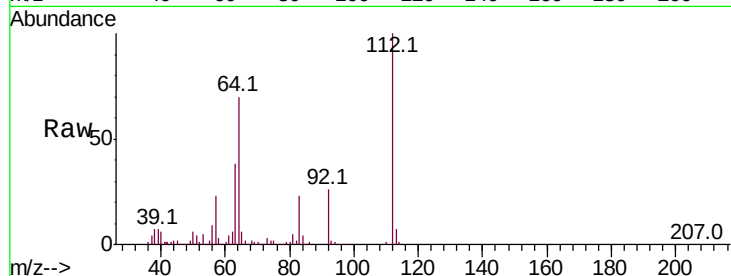
Tot Ion:112 Resp: 329582

Ion Ratio Lower Upper

112 100

64 70.0 57.2 85.8

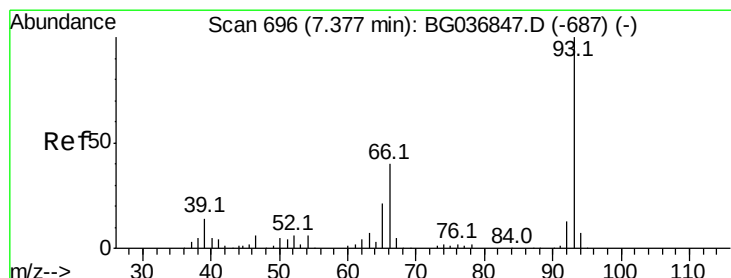
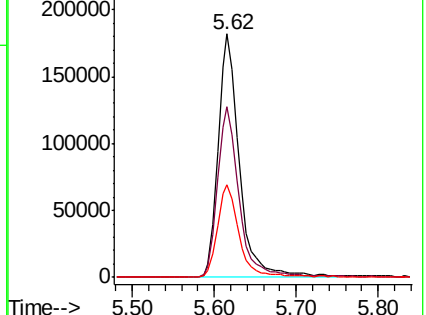
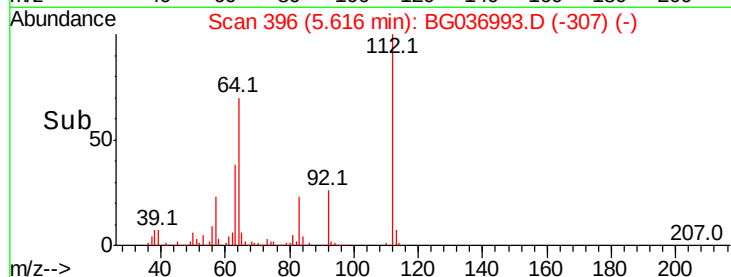
63 37.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.699 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

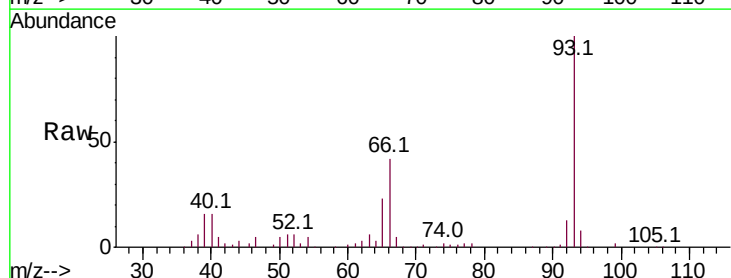
Tgt Ion: 93 Resp: 161238

Ion Ratio Lower Upper

93 100

66 41.8 35.0 52.4

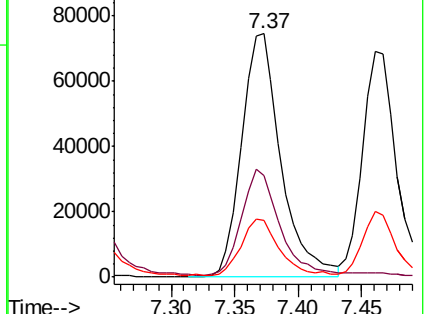
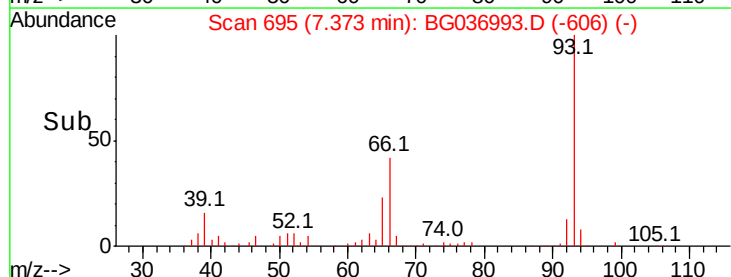
65 23.4 17.6 26.4

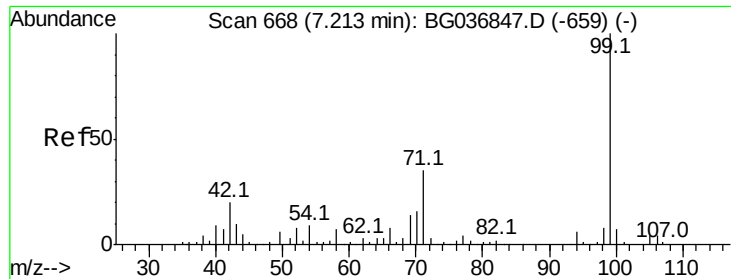


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.585 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

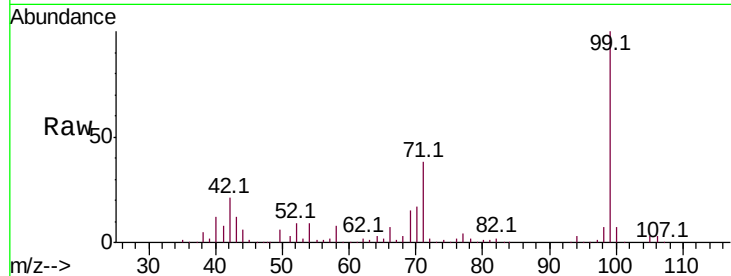
Tot Ion: 99 Resp: 465865

Ion Ratio Lower Upper

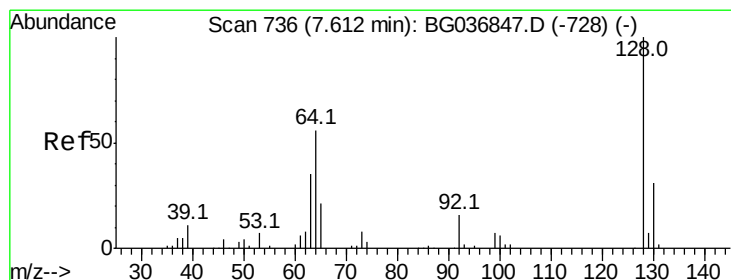
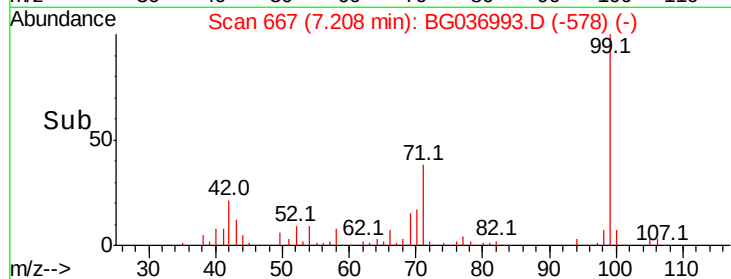
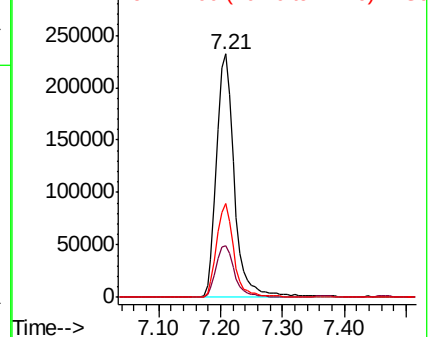
99 100

42 21.3 16.5 24.7

71 38.4 29.4 44.2



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: 51.318 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

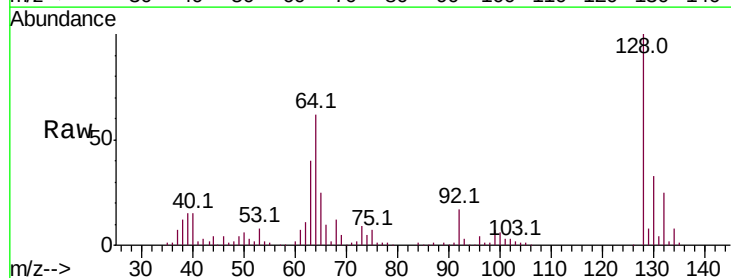
Tgt Ion: 128 Resp: 130405

Ion Ratio Lower Upper

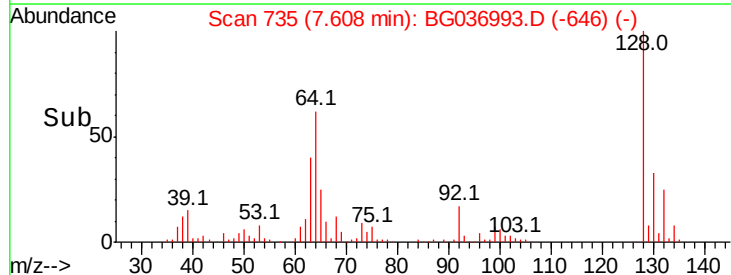
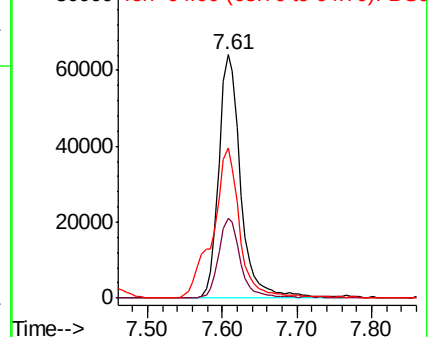
128 100

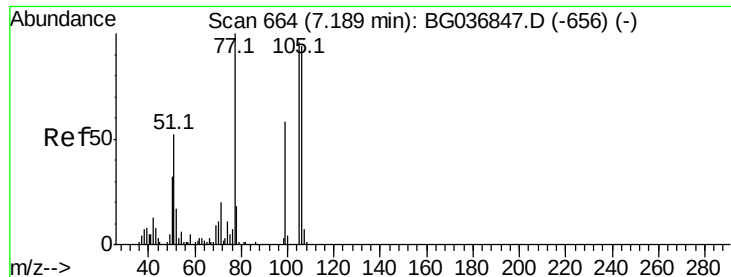
130 32.9 10.0 50.0

64 61.8 36.0 76.0



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: 36.748 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampled :

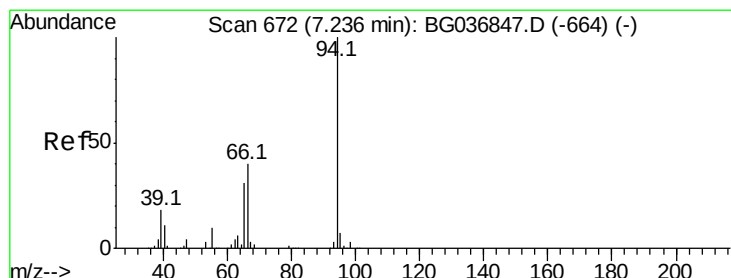
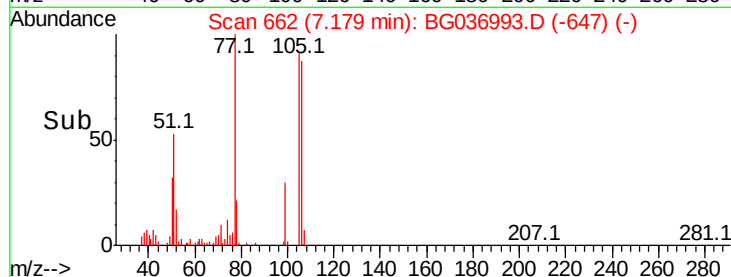
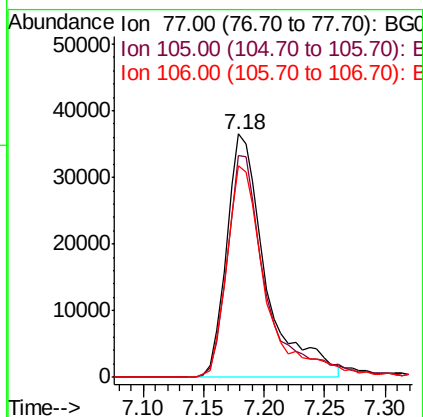
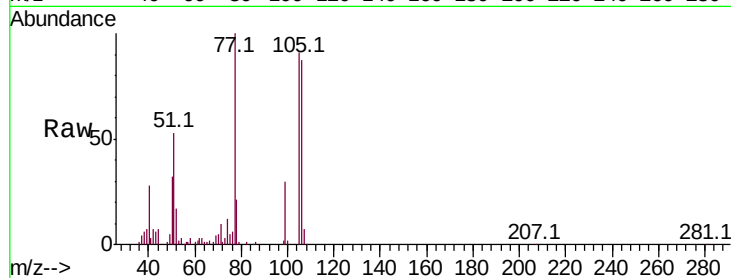
Tot Ion: 77 Resp: 82221

Ion Ratio Lower Upper

77 100

105 90.9 70.5 110.5

106 87.0 69.8 109.8



#10

Phenol

Concen: 50.690 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

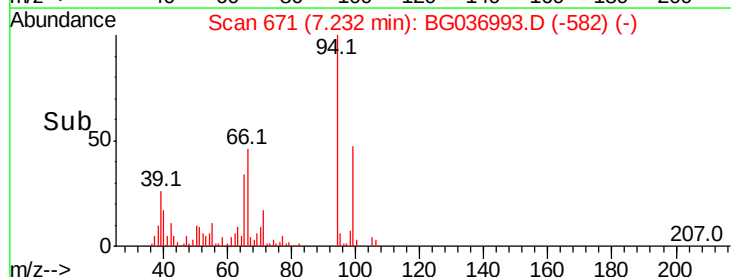
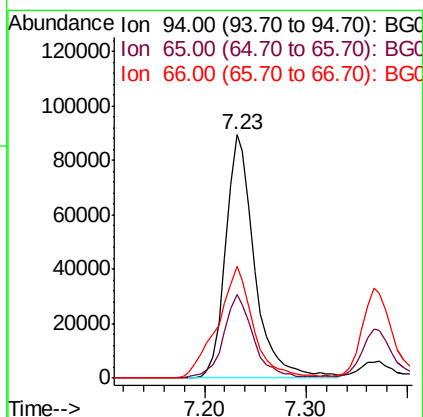
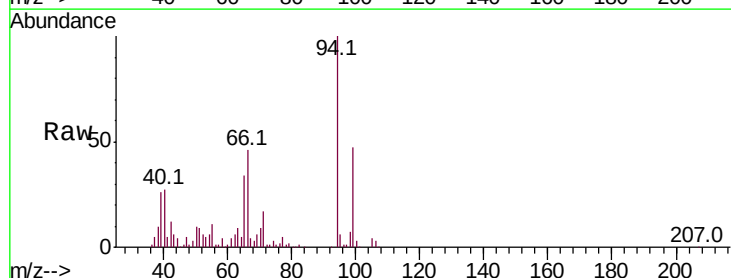
Tgt Ion: 94 Resp: 177137

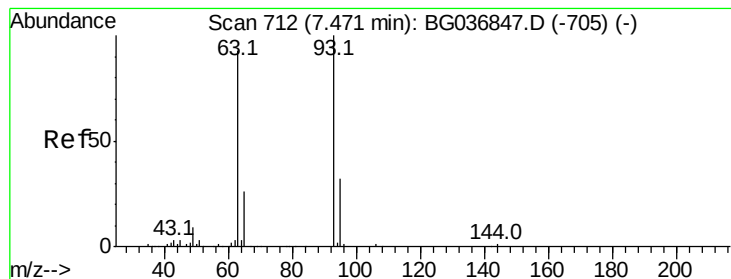
Ion Ratio Lower Upper

94 100

65 34.3 11.5 51.5

66 45.8 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 41.358 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

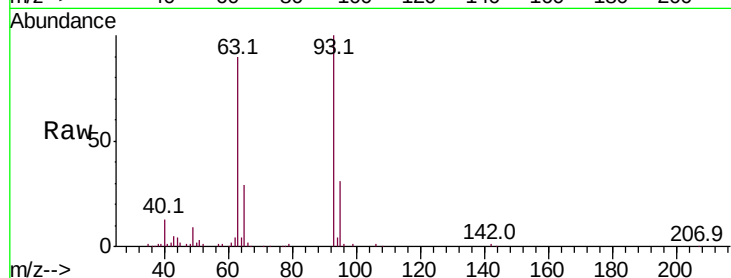
Tot Ion: 93 Resp: 133690

Ion Ratio Lower Upper

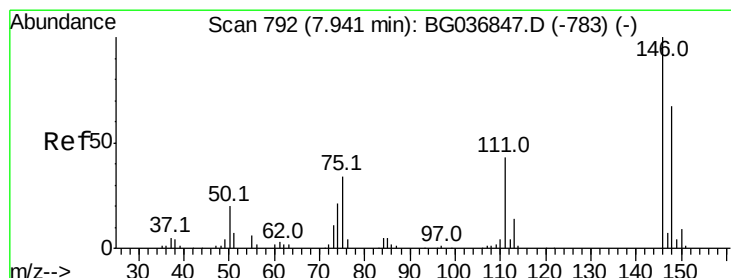
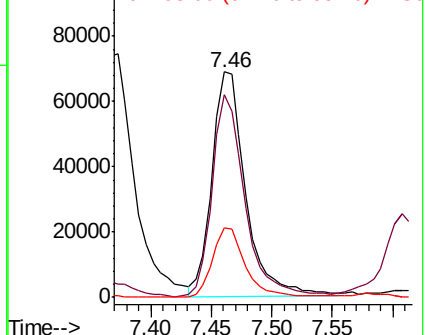
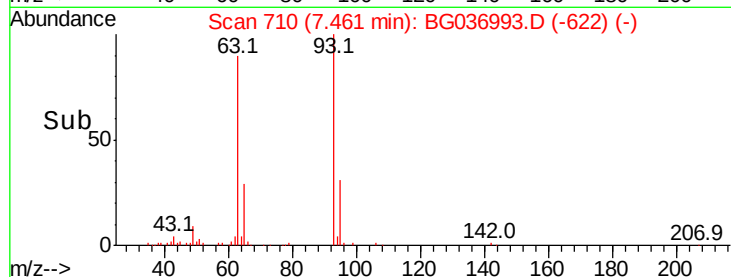
93 100

63 89.7 69.9 109.9

95 30.9 11.7 51.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.112 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

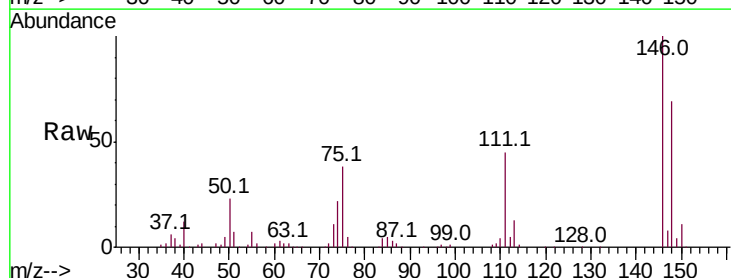
Tgt Ion: 146 Resp: 134311

Ion Ratio Lower Upper

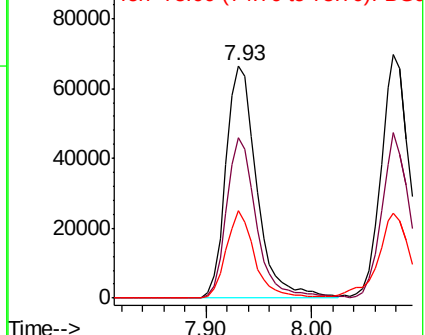
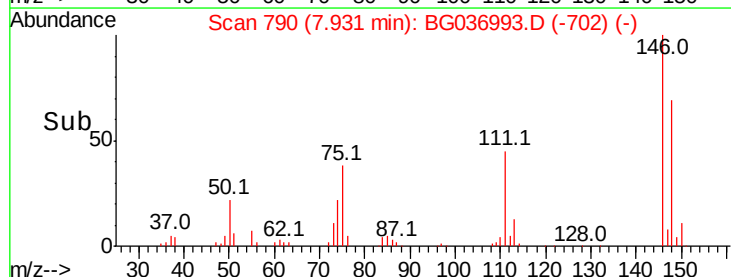
146 100

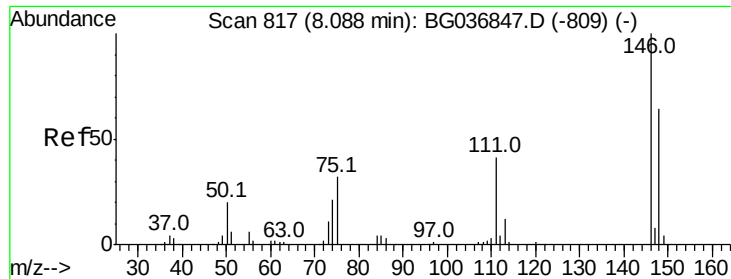
148 69.1 53.8 80.6

75 37.8 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

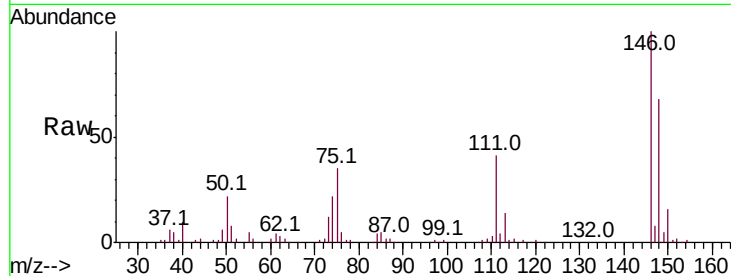




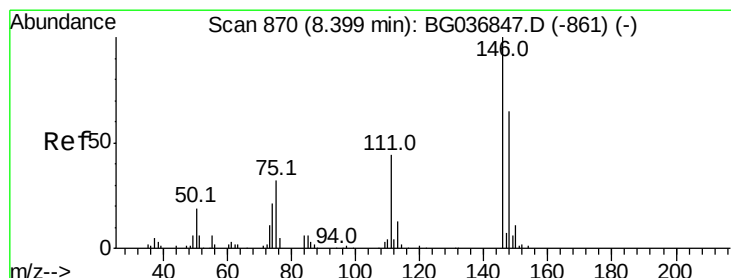
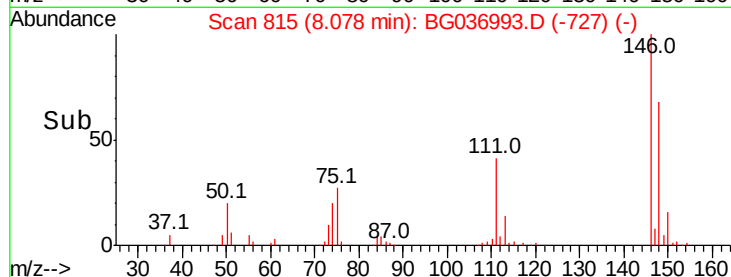
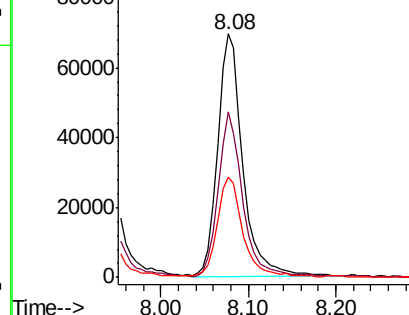
#13
 1,4-Dichlorobenzene
 Concen: 43.074 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 137326
 Ion Ratio Lower Upper
 146 100
 148 67.7 53.9 80.9
 111 41.1 33.8 50.6

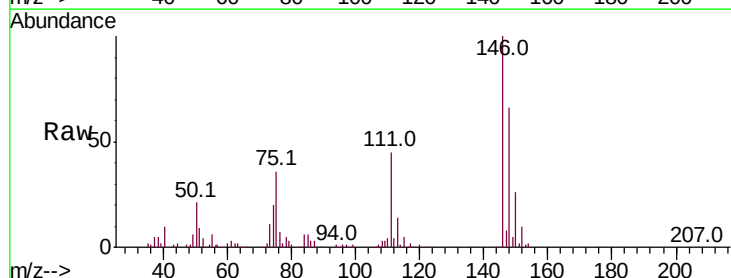


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

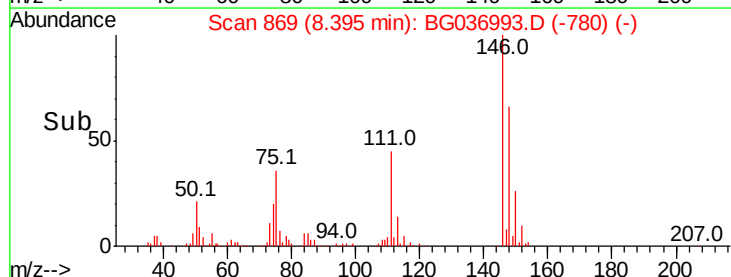
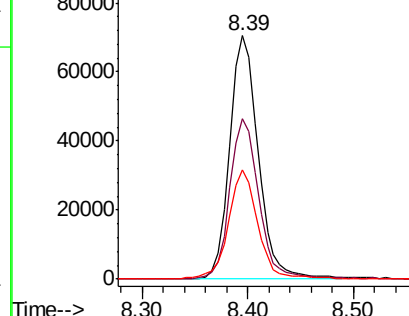


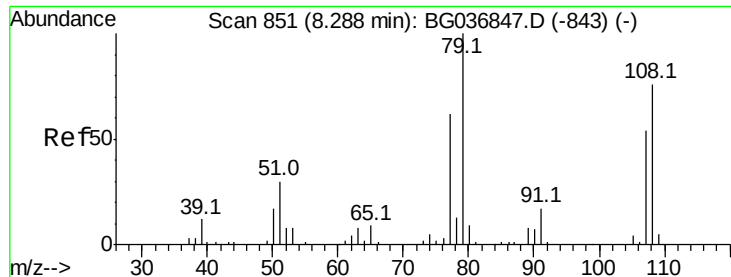
#14
 1,2-Dichlorobenzene
 Concen: 42.799 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:146 Resp: 132230
 Ion Ratio Lower Upper
 146 100
 148 65.8 55.0 82.6
 111 44.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.670 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

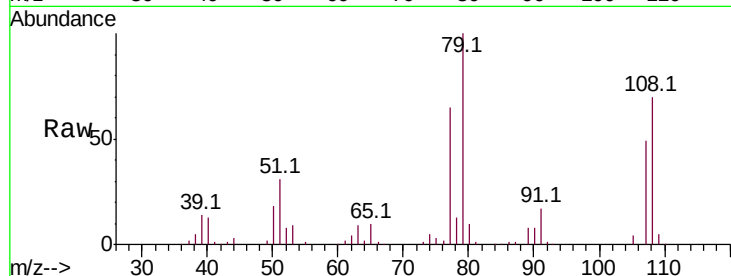
Tot Ion: 79 Resp: 122727

Ion Ratio Lower Upper

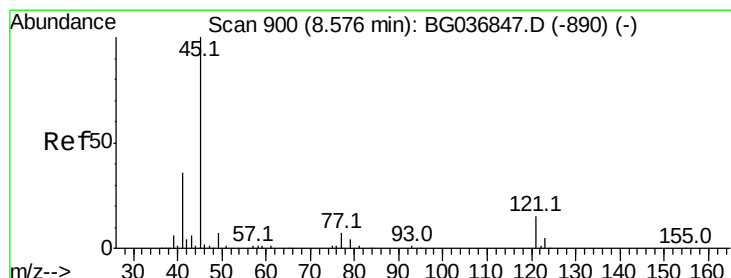
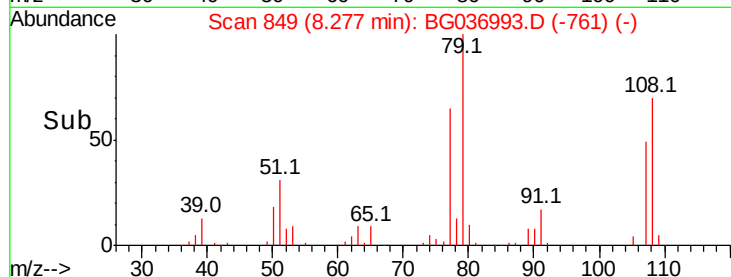
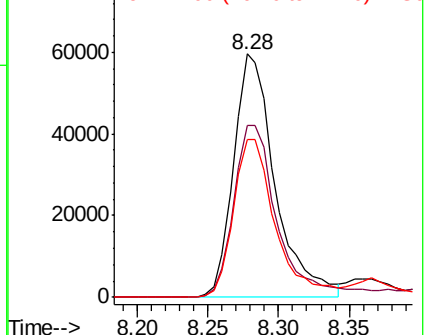
79 100

108 70.5 55.9 83.9

77 65.0 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.582 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

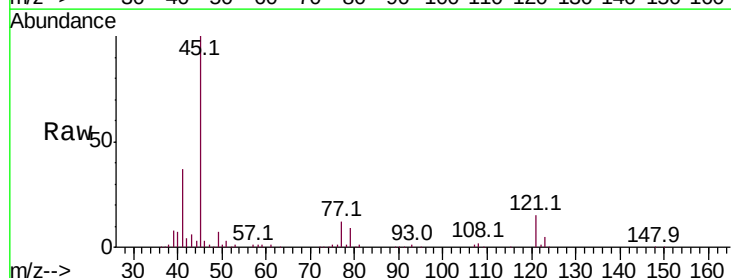
Tgt Ion: 45 Resp: 270464

Ion Ratio Lower Upper

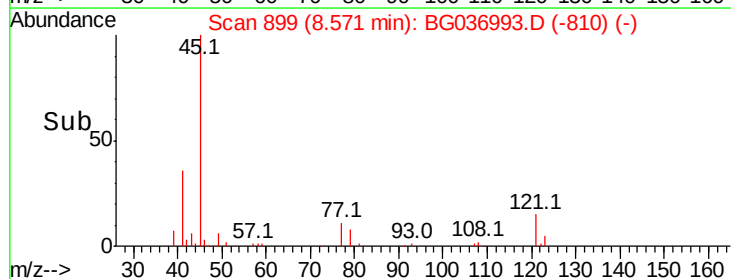
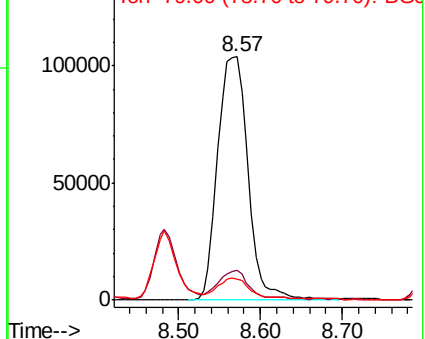
45 100

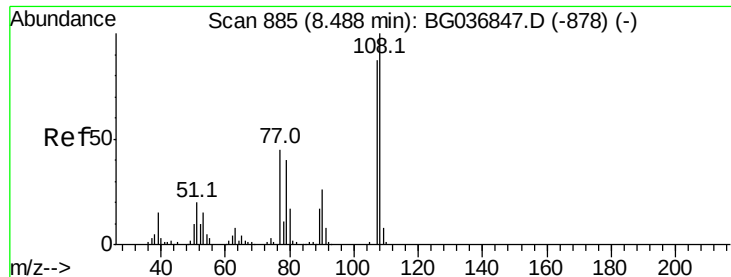
77 12.1 0.0 30.5

79 8.7 0.0 27.9



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

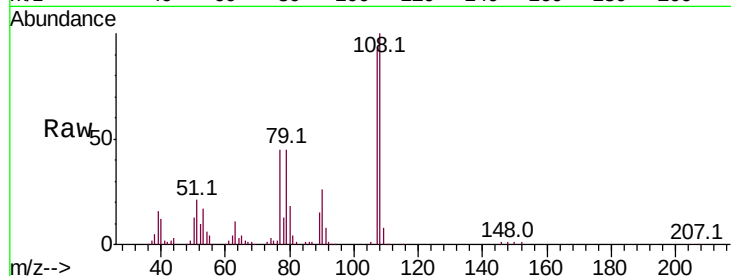




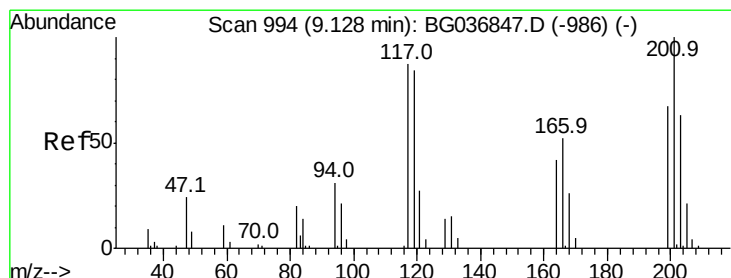
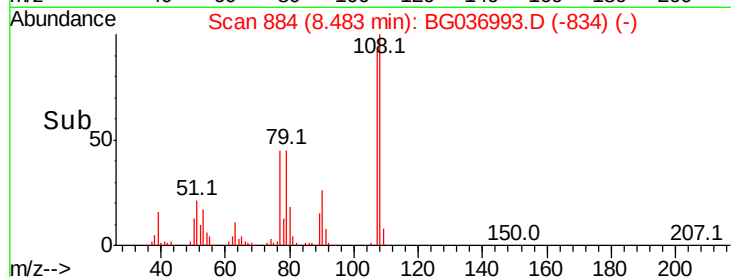
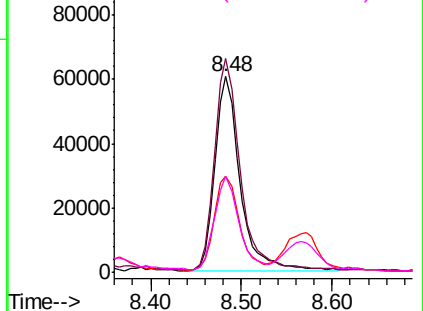
#17
2-Methylphenol
Concen: 48.018 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 116885
Ion Ratio Lower Upper
107 100
108 109.3 86.7 130.1
77 49.4 39.0 58.4
79 49.0 36.6 54.8

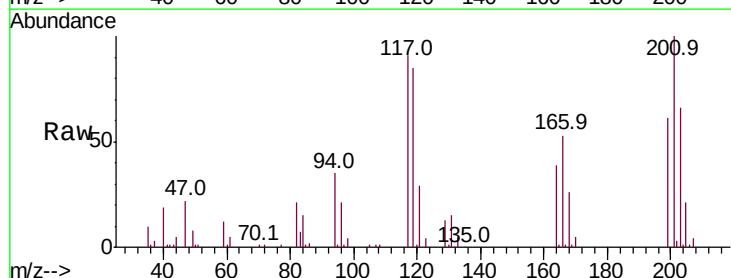


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

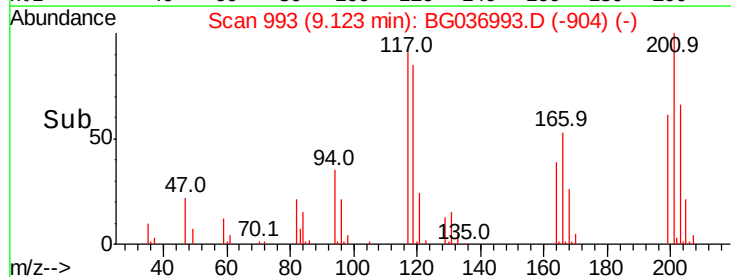
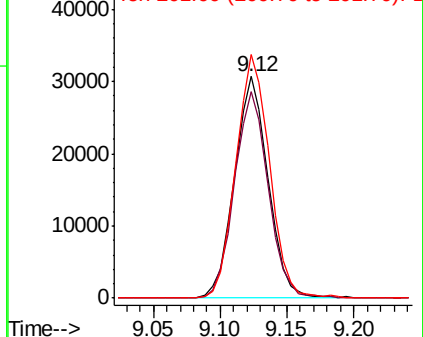


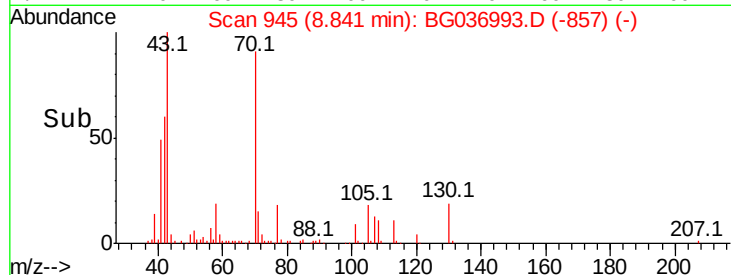
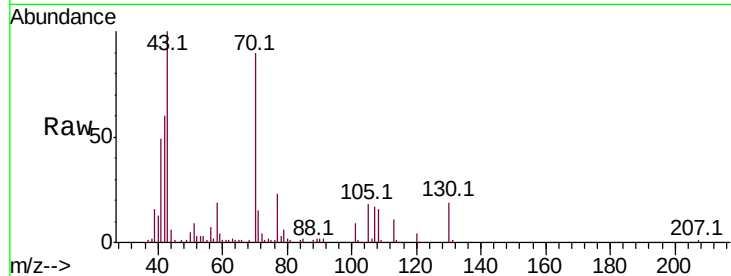
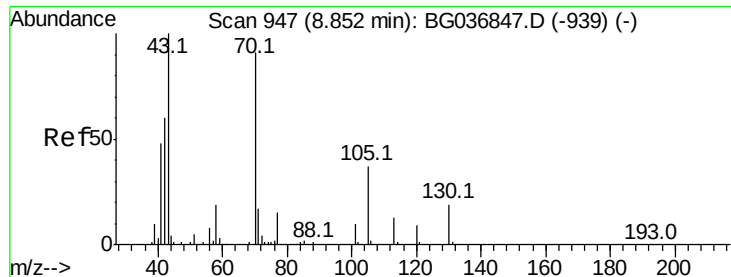
#18
Hexachloroethane
Concen: 45.488 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:117 Resp: 53368
Ion Ratio Lower Upper
117 100
119 93.2 76.8 115.2
201 109.9 85.7 128.5



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

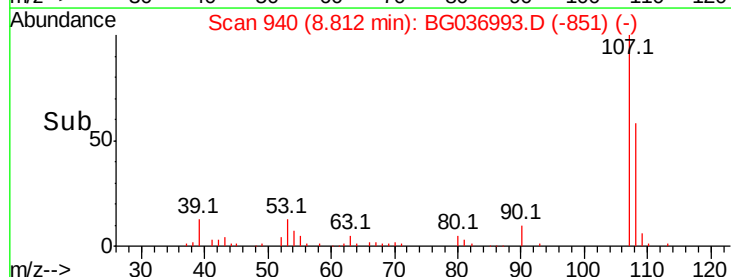
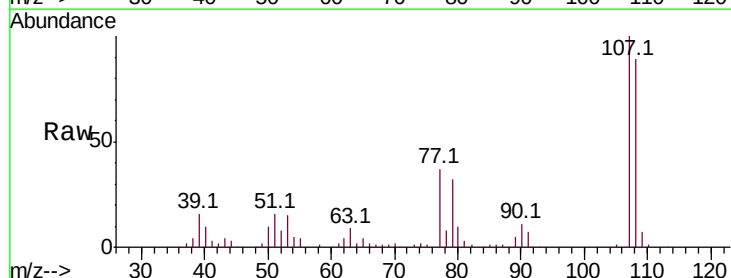
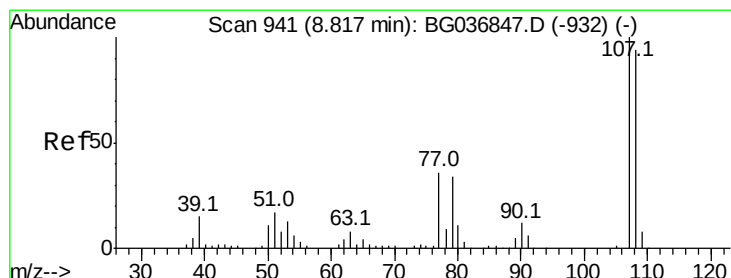
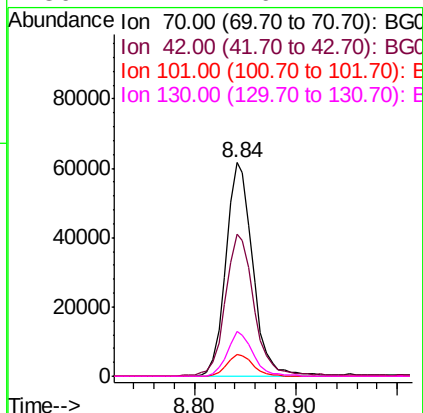




#19
n-Nitroso-di-n-propylamine
Concen: 40.313 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

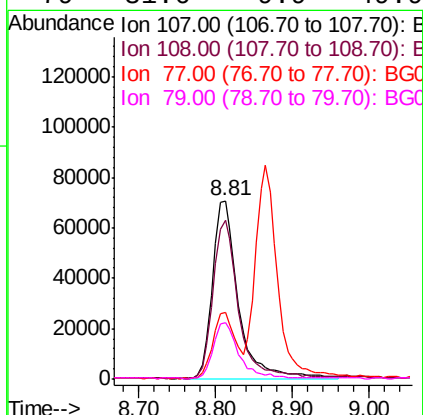
Instrument :
BNA_G
ClientSampled :

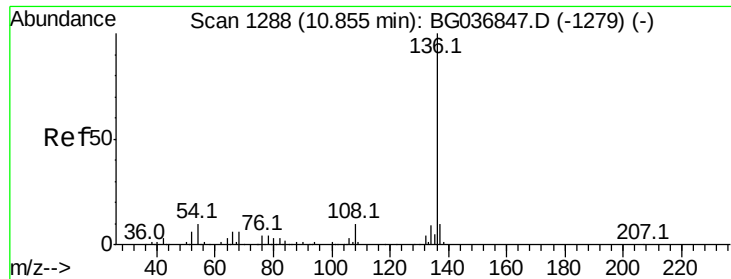
Tot Ion:	70	Resp:	113553
Ion	Ratio	Lower	Upper
70	100		
42	66.4	56.2	84.4
101	10.0	7.8	11.6
130	21.1	16.2	24.2



#20
3+4-Methylphenols
Concen: 48.017 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:	107	Resp:	162601
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.0	108.0
77	37.4	15.6	55.6
79	31.6	9.9	49.9

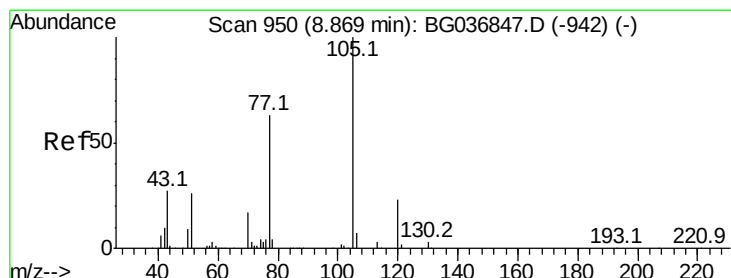
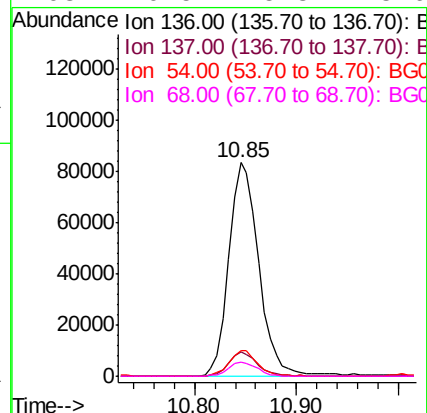
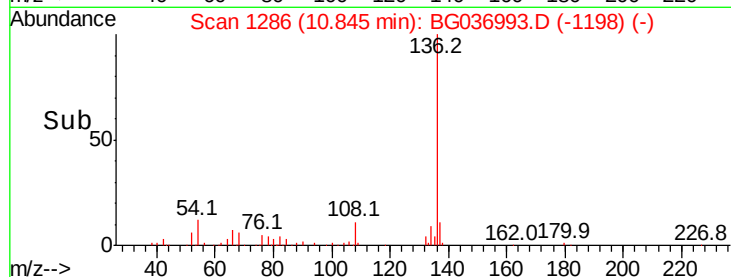
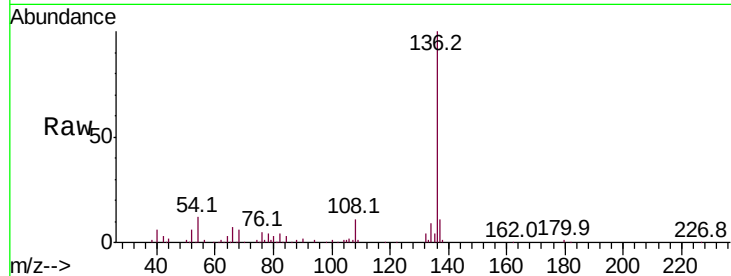




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

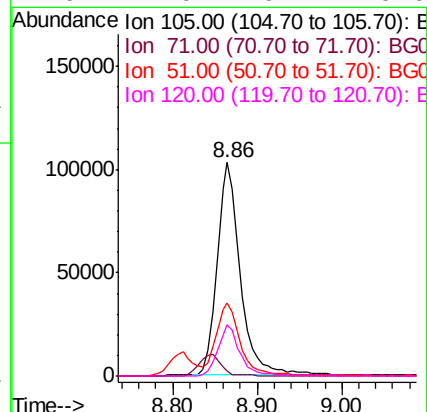
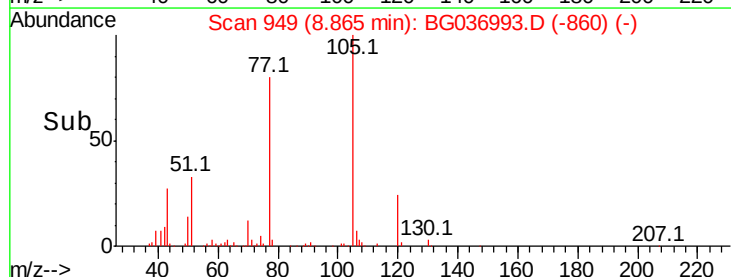
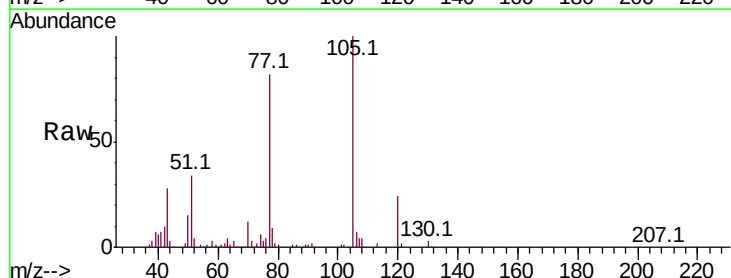
Instrument :
BNA_G
ClientSampleId :

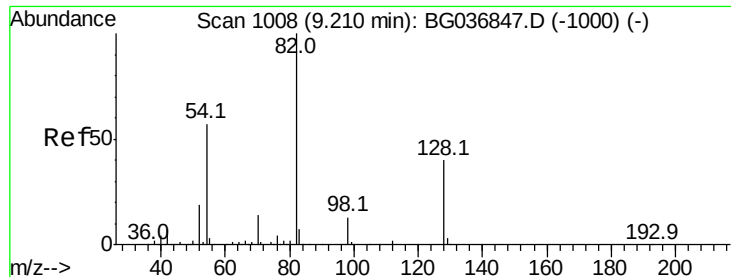
Tot Ion:136	Resp:	171294
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	12.2	9.2 13.8
68	6.5	5.8 8.6



#22
Acetophenone
Concen: 48.951 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:105	Resp:	197045
Ion	Ratio	Lower Upper
105	100	
71	2.5	2.4 3.6
51	33.9	25.9 38.9
120	24.0	19.4 29.0

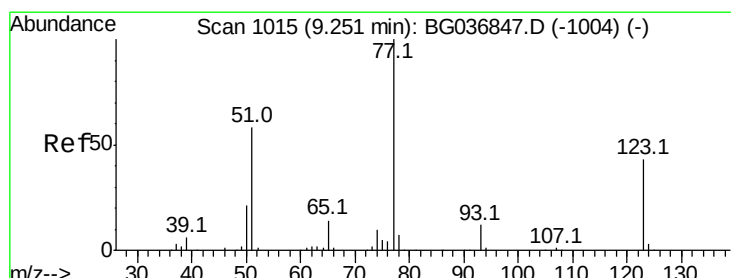
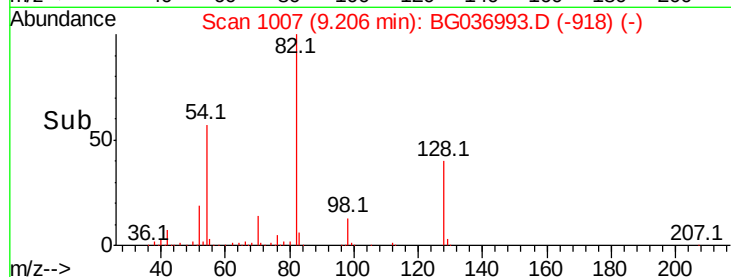
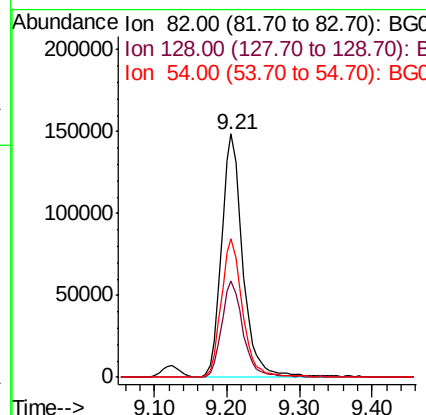
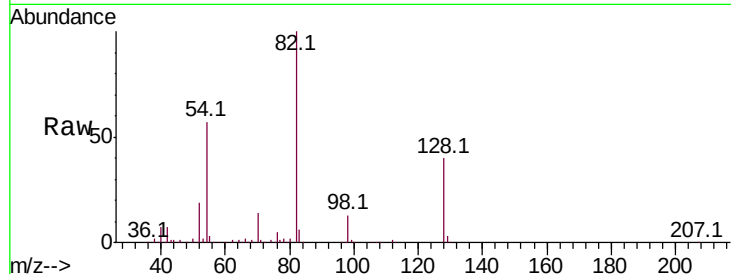




#23
 Nitrobenzene-d5
 Concen: 94.216 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

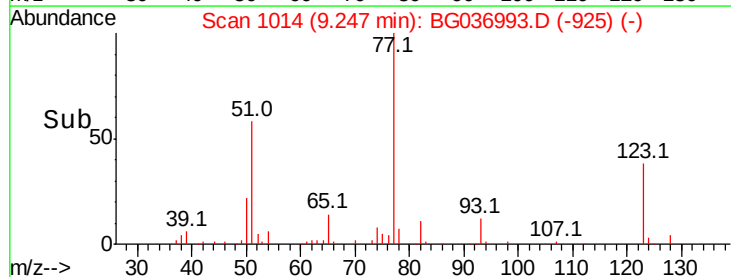
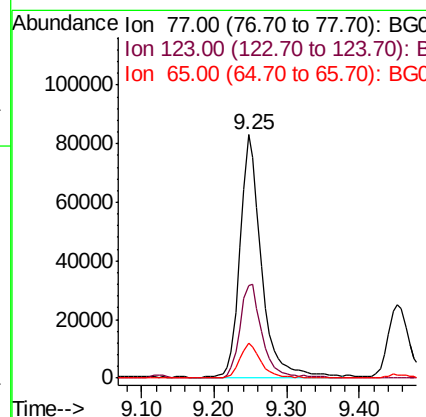
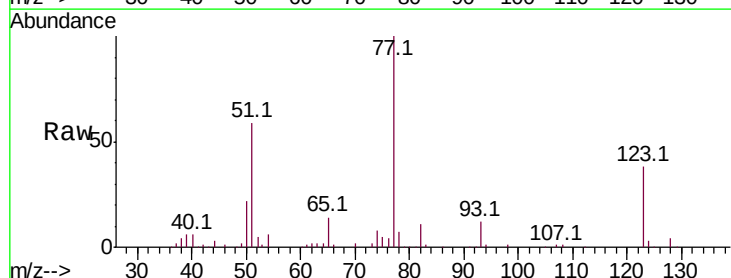
Instrument :
 BNA_G
 ClientSampleId :

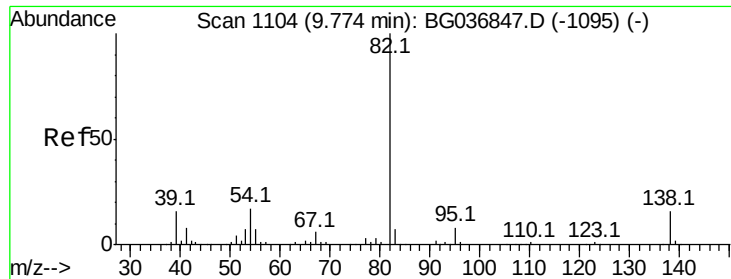
Tot Ion: 82 Resp: 301370
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.3 49.9
 54 57.1 45.1 67.7



#24
 Nitrobenzene
 Concen: 49.496 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion: 77 Resp: 169073
 Ion Ratio Lower Upper
 77 100
 123 38.2 32.4 48.6
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 54.463 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

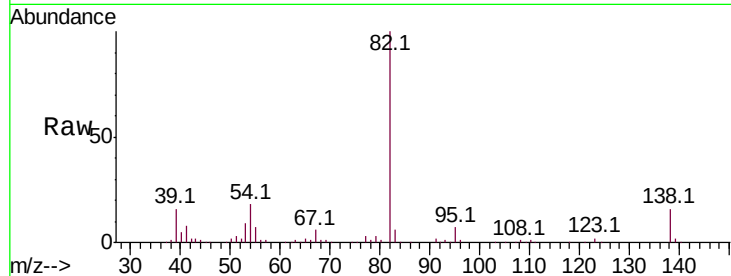
Tot Ion: 82 Resp: 318323

Ion Ratio Lower Upper

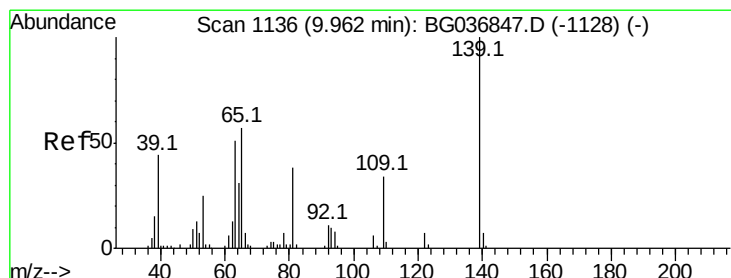
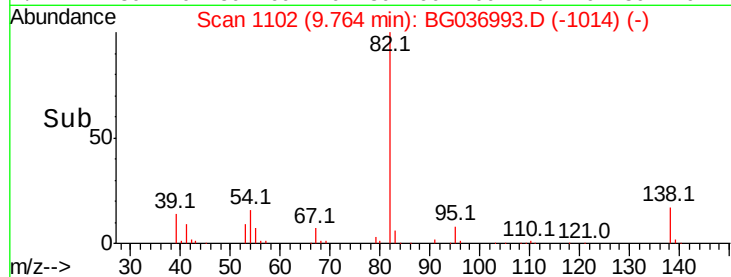
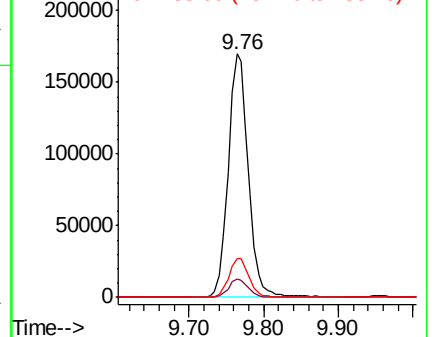
82 100

95 7.4 5.8 8.8

138 16.2 12.9 19.3



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



#26

2-Nitrophenol

Concen: 53.478 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

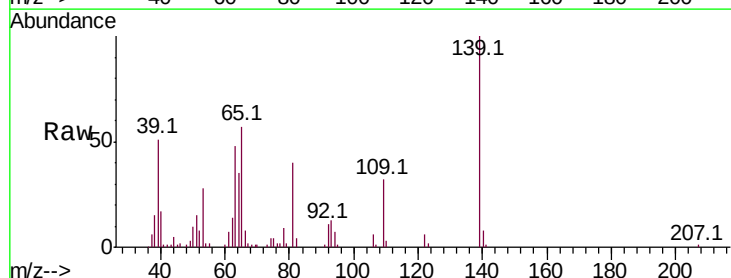
Tgt Ion: 139 Resp: 72814

Ion Ratio Lower Upper

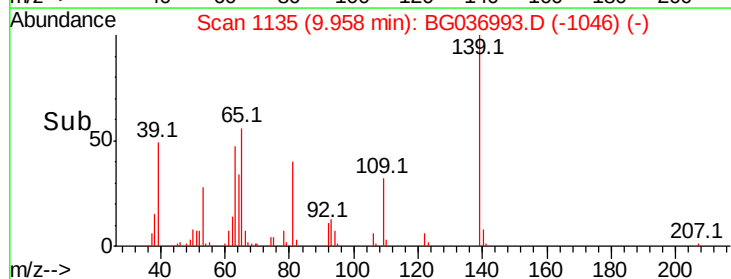
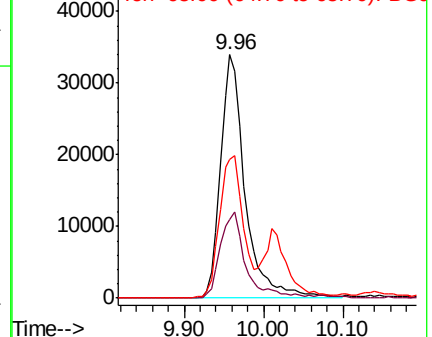
139 100

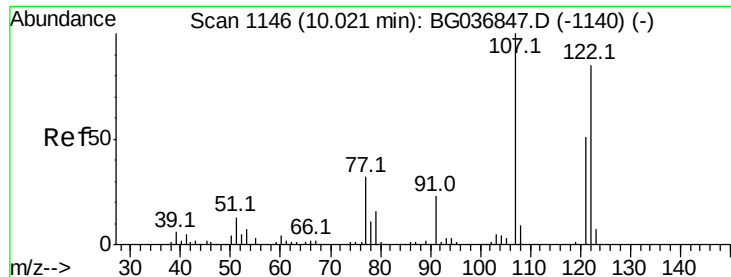
109 32.3 27.4 41.0

65 56.7 47.8 71.6



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





#27

2,4-Dimethylphenol

Concen: 58.768 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

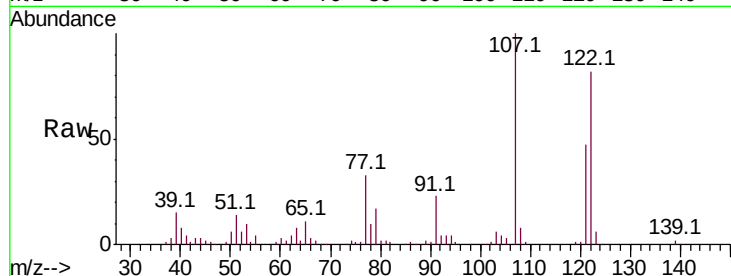
Tot Ion:122 Resp: 124642

Ion Ratio Lower Upper

122 100

107 121.4 96.0 144.0

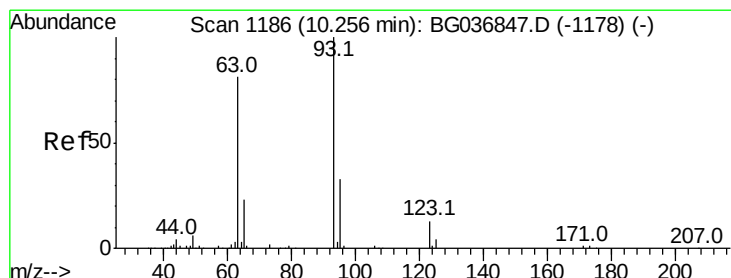
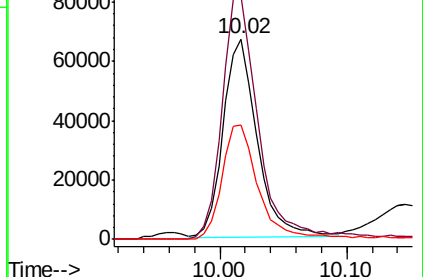
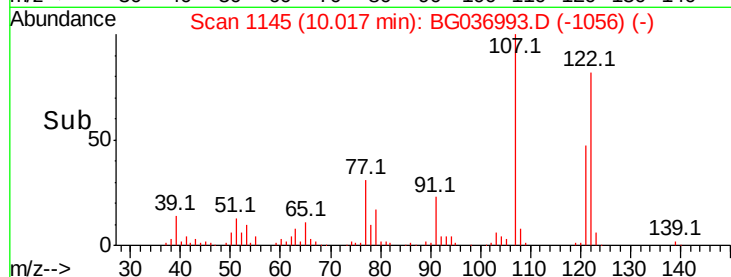
121 57.2 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.055 ng

RT: 10.25 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

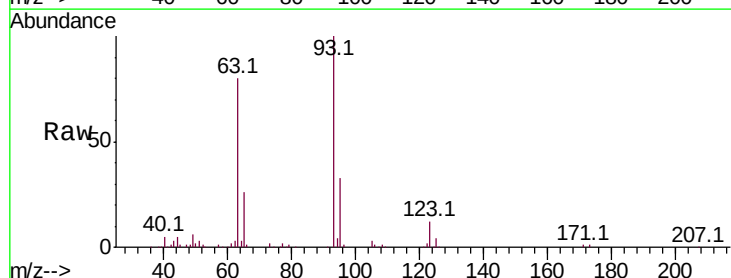
Tgt Ion: 93 Resp: 180524

Ion Ratio Lower Upper

93 100

95 33.3 25.2 37.8

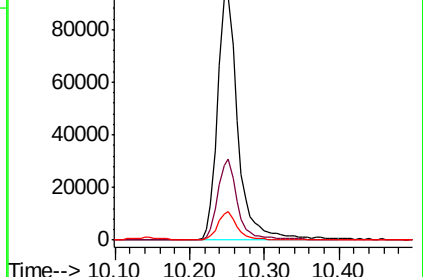
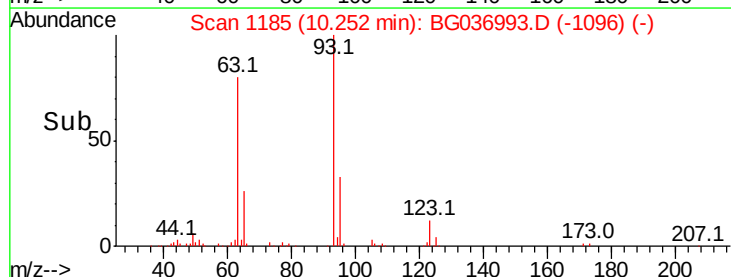
123 11.9 8.6 12.8

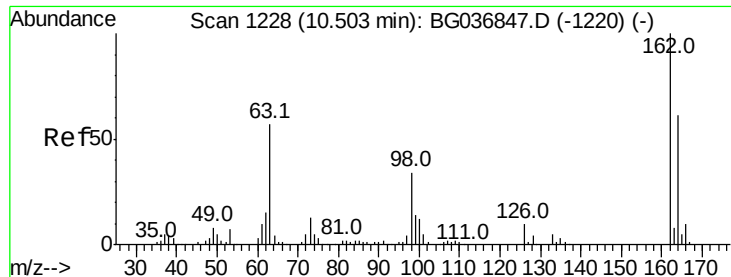


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

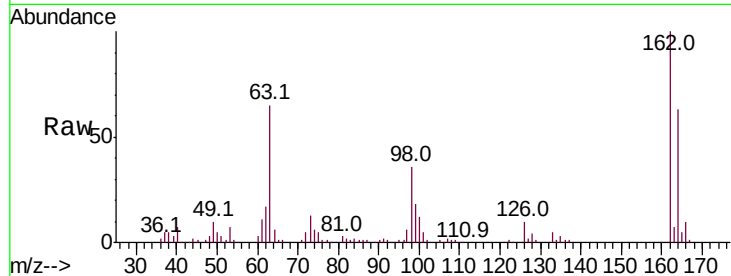




#29
 2,4-Dichlorophenol
 Concen: 55.259 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	47.6	87.6
98	36.4	19.2	59.2

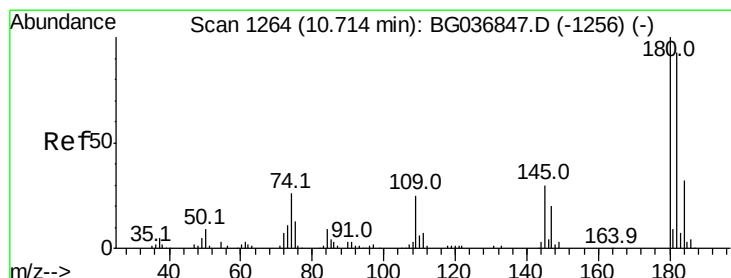
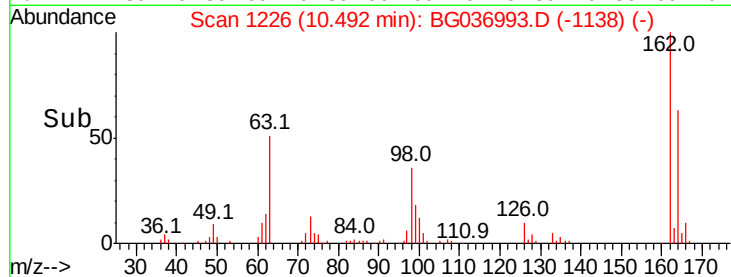
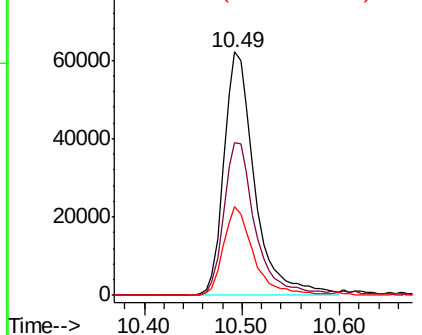


Abundance

Ion 162.00 (161.70 to 162.70): E

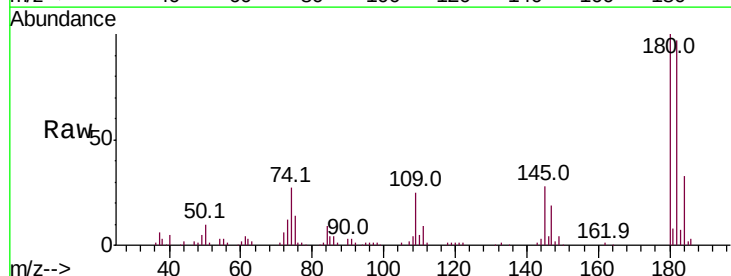
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 45.873 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.0	114.0
145	27.9	22.9	34.3

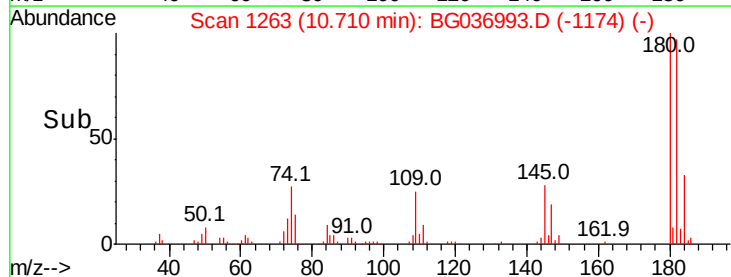
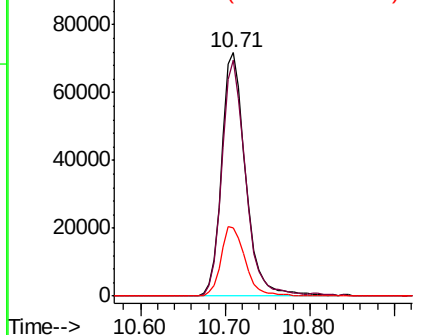


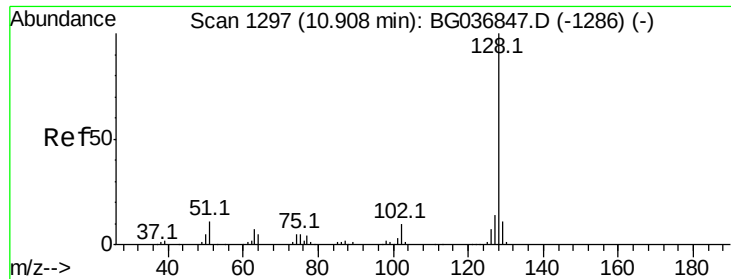
Abundance

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

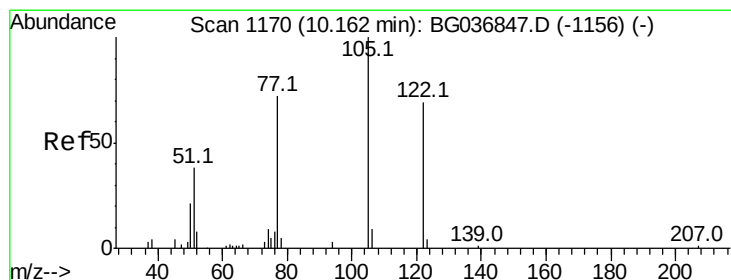
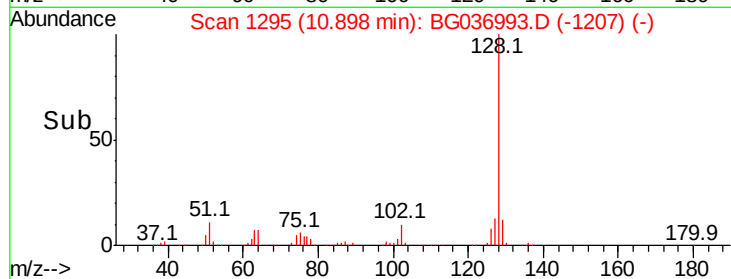
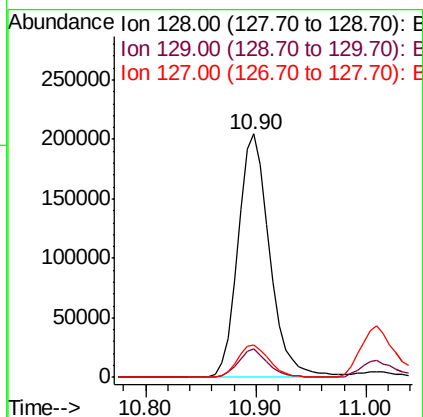
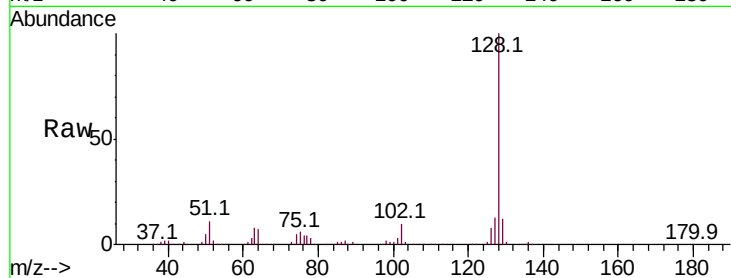




#31
Naphthalene
Concen: 50.586 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

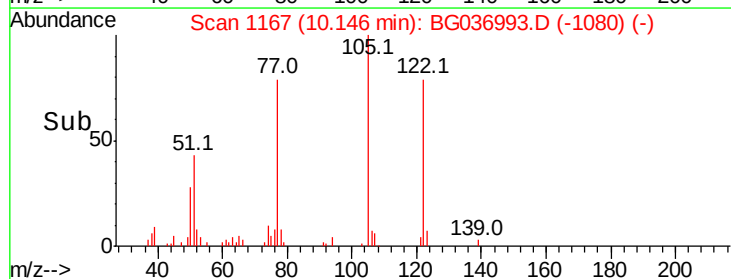
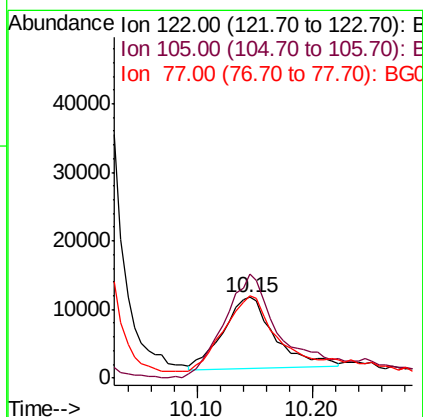
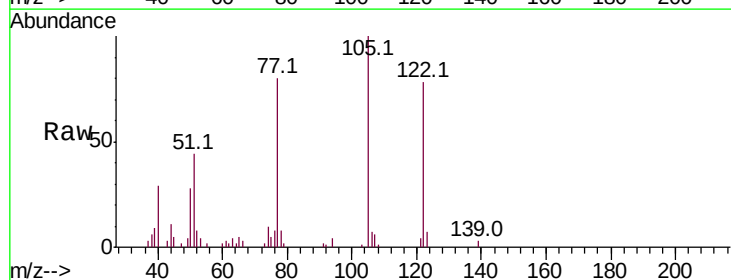
Instrument :
BNA_G
ClientSampled :

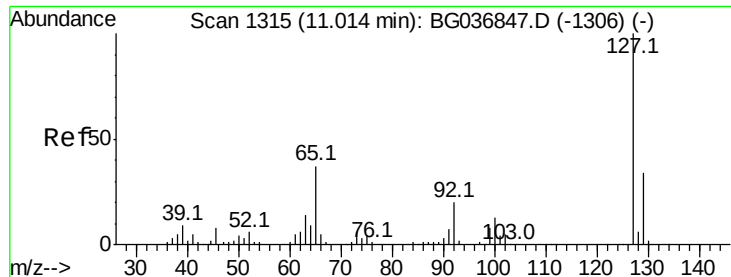
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.5	11.0	16.4



#32
Benzoic acid
Concen: 23.354 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	108.1	148.1
77	101.8	76.3	116.3

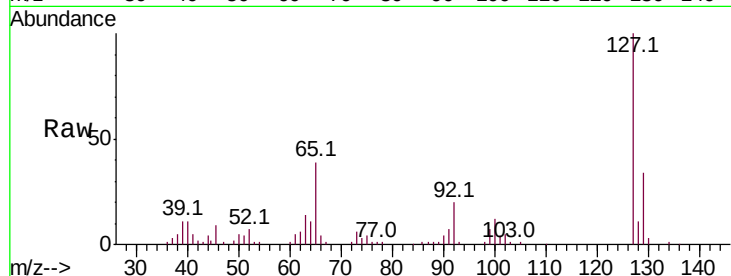




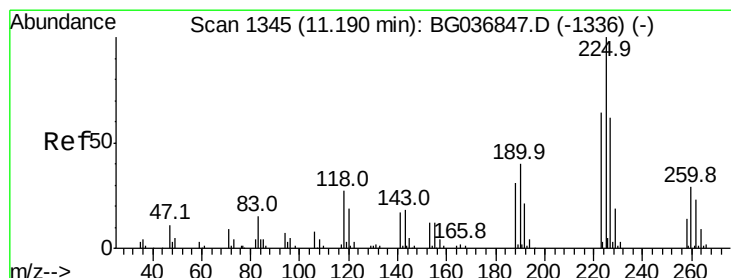
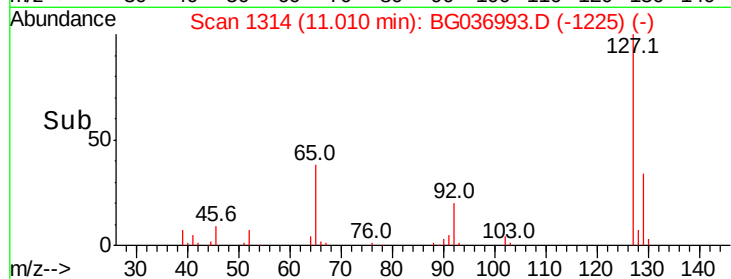
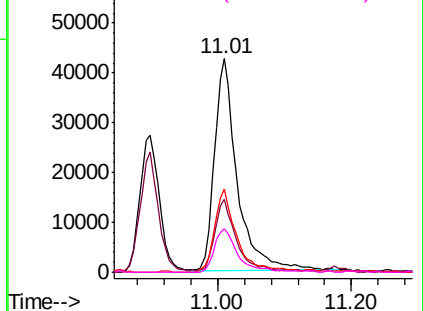
#33
4-Chloroaniline
Concen: 27.726 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	102743
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	38.9	27.5	41.3
92	20.2	16.2	24.2

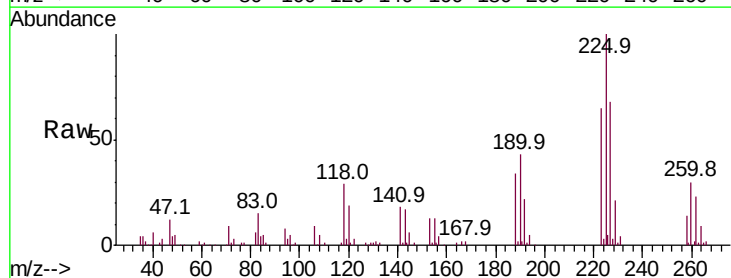


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

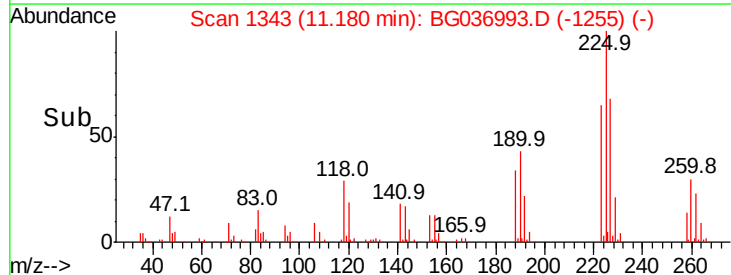
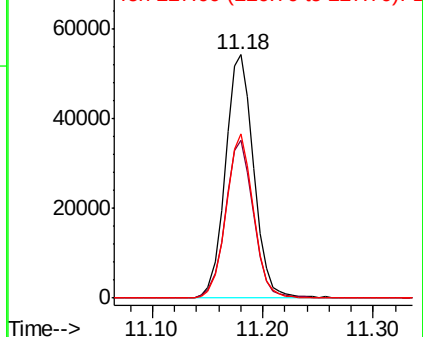


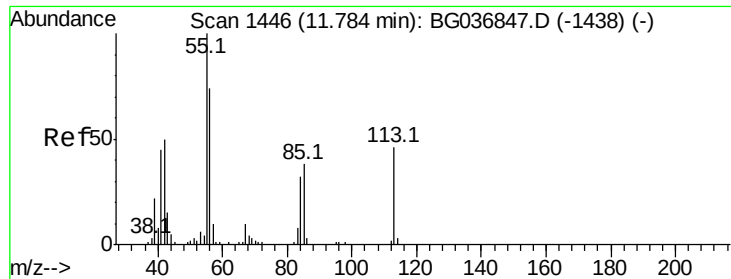
#34
Hexachlorobutadiene
Concen: 45.551 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:	225	Resp:	96923
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	67.6	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.117 ng

RT: 11.79 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

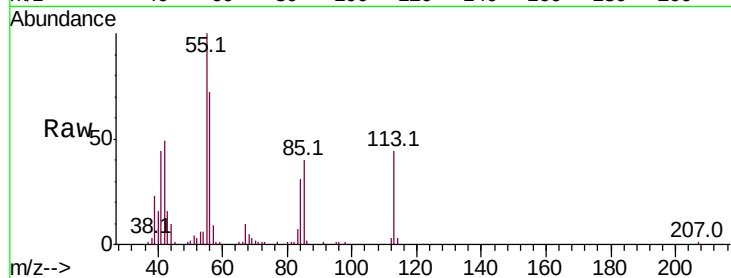
Tot Ion:113 Resp: 37560

Ion Ratio Lower Upper

113 100

55 226.3 197.7 237.7

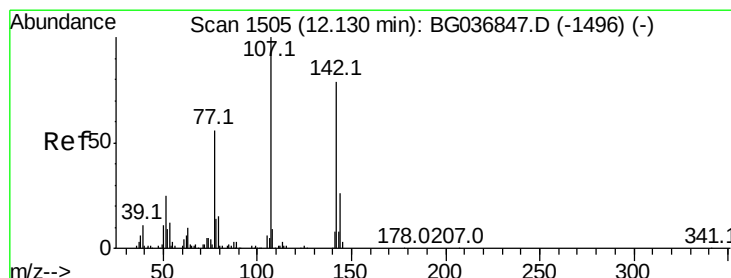
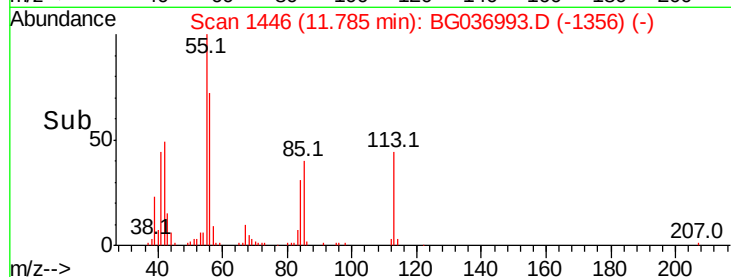
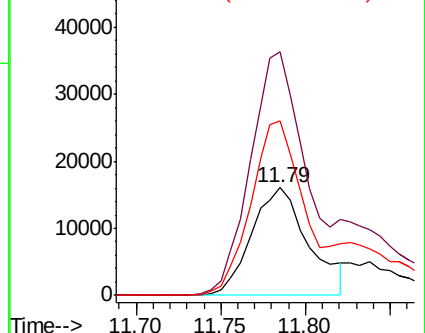
56 162.6 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 55.313 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

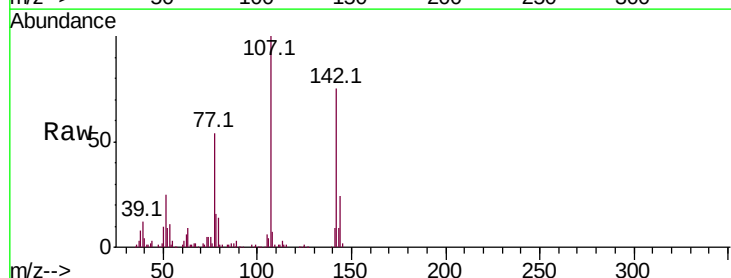
Tgt Ion:107 Resp: 162268

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

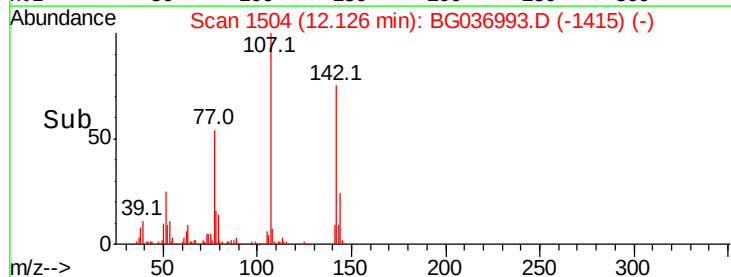
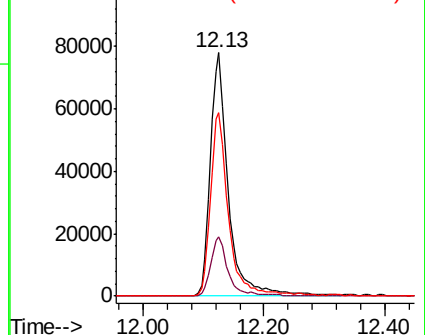
142 75.2 62.4 93.6

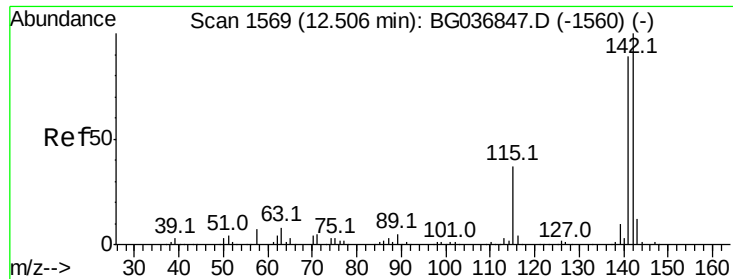


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

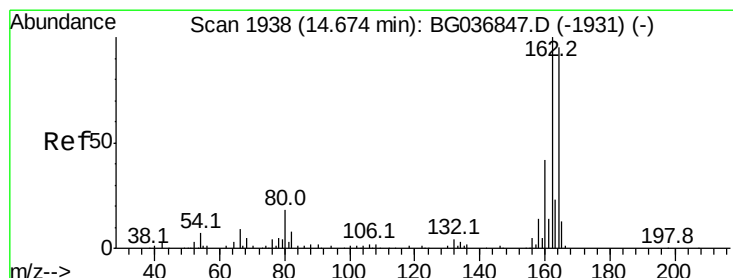
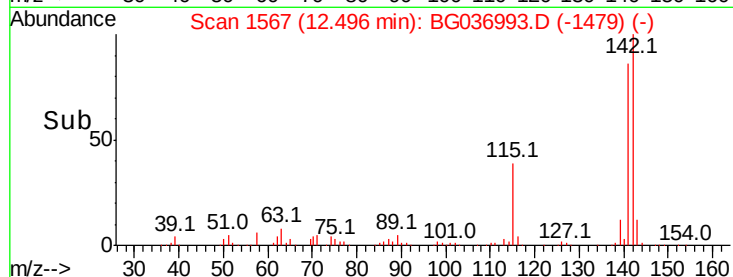
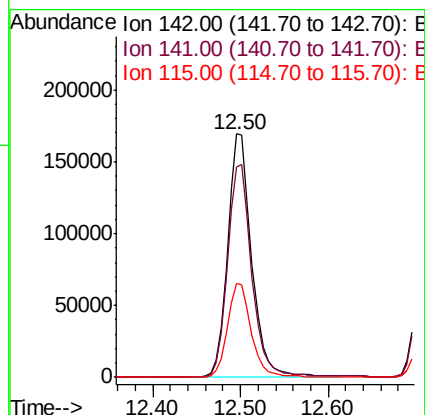
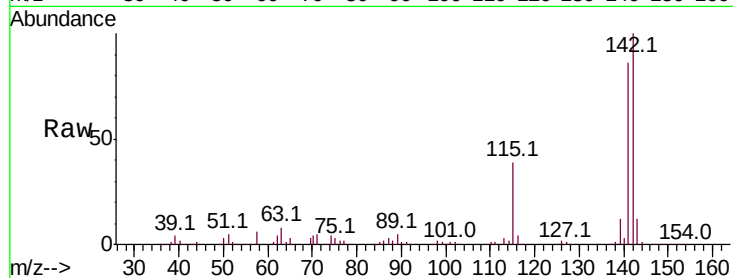




#37
 2-Methylnaphthalene
 Concen: 51.141 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

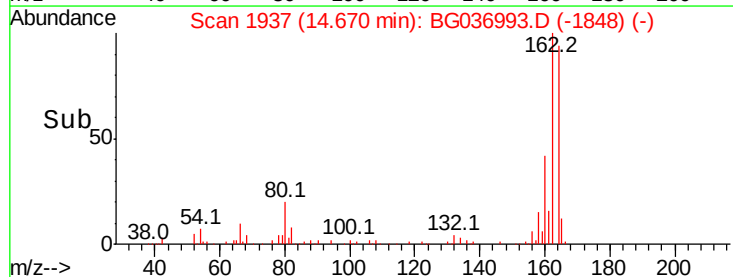
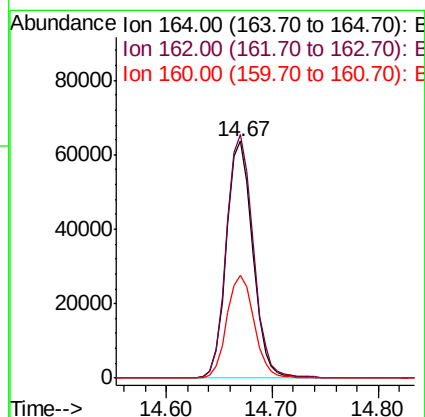
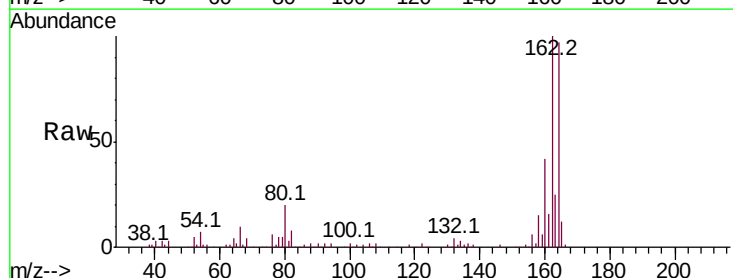
Instrument :
 BNA_G
 ClientSampleId :

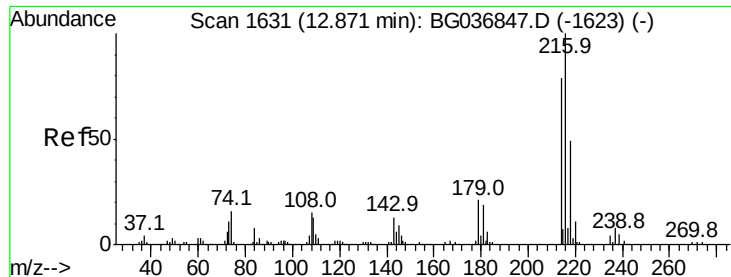
Tot Ion:142 Resp: 317456
 Ion Ratio Lower Upper
 142 100
 141 86.2 68.5 102.7
 115 38.6 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:164 Resp: 110054
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.7 121.1
 160 43.4 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.197 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 181164

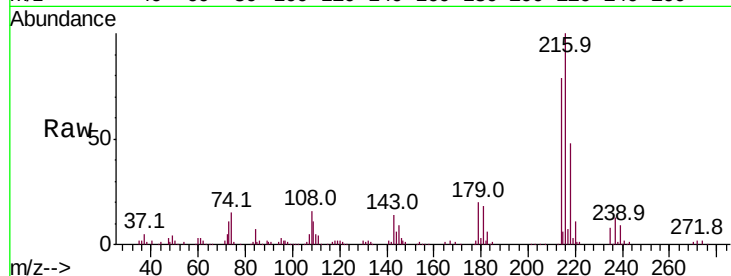
Ion Ratio Lower Upper

216 100

214 77.4 61.0 91.6

179 19.5 15.7 23.5

108 18.6 13.1 19.7

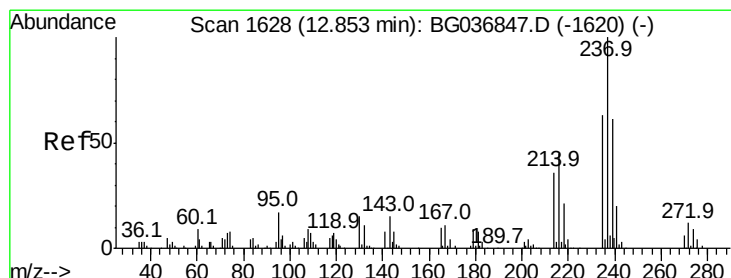
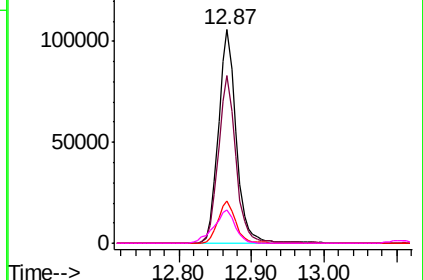
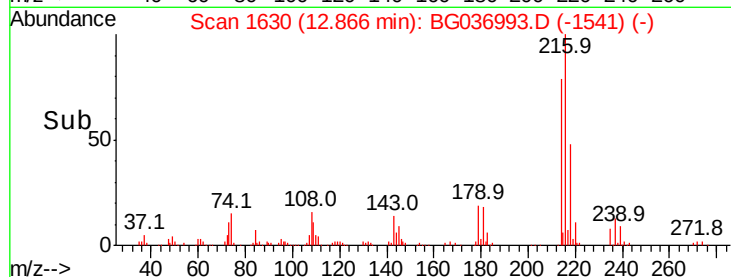


Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.889 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

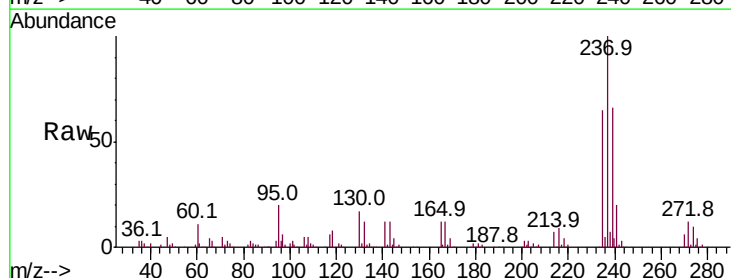
Tgt Ion:237 Resp: 212988

Ion Ratio Lower Upper

237 100

235 64.7 42.2 82.2

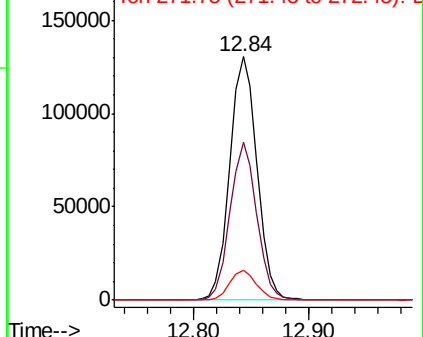
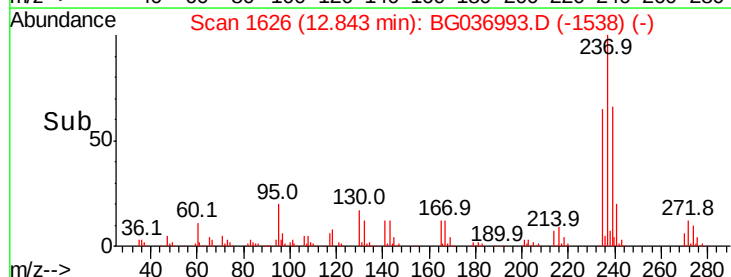
272 12.4 0.0 32.1

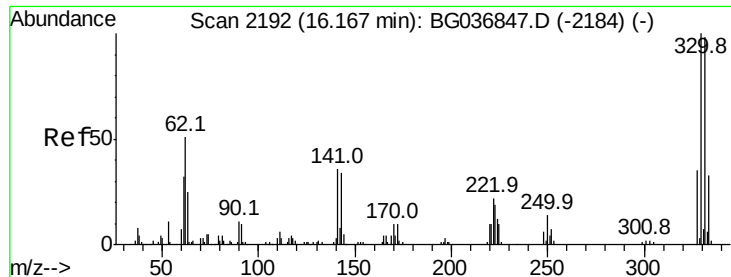


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

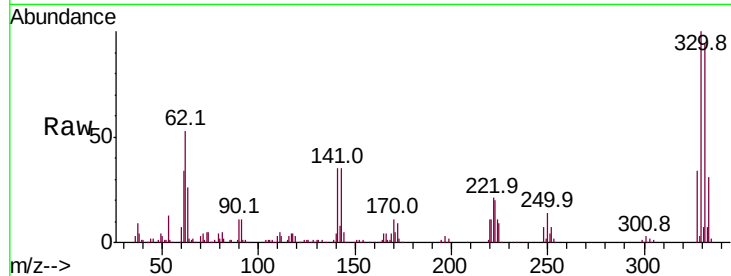




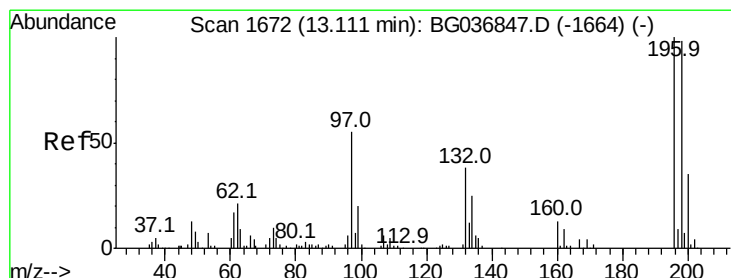
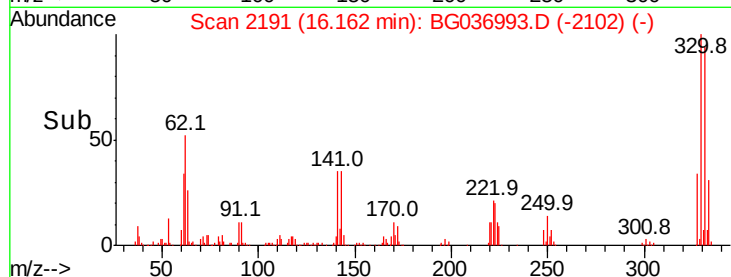
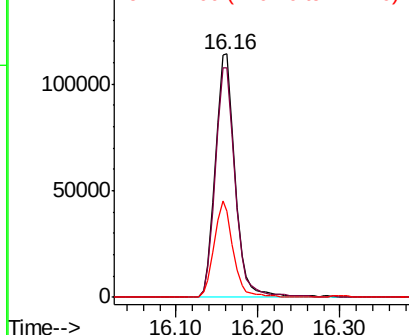
#41
 2,4,6-Tribromophenol
 Concen: 147.291 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 193942
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.2
 141 37.6 30.7 46.1

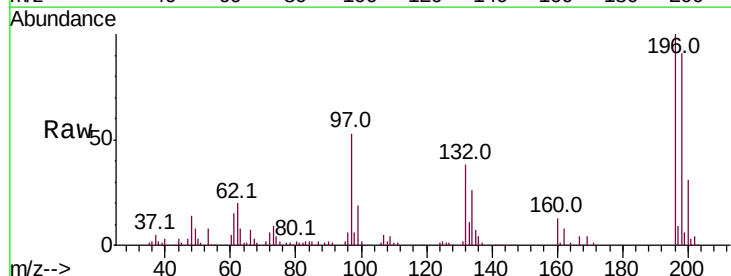


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

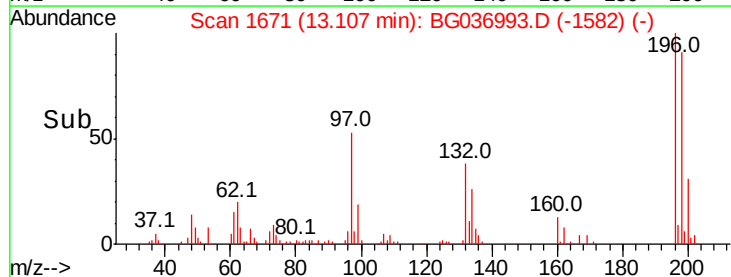
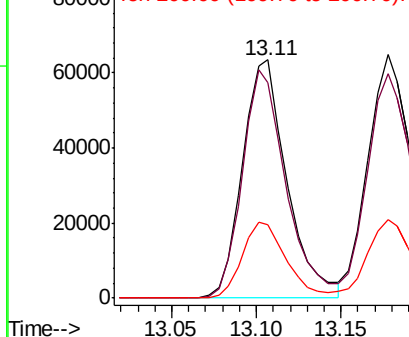


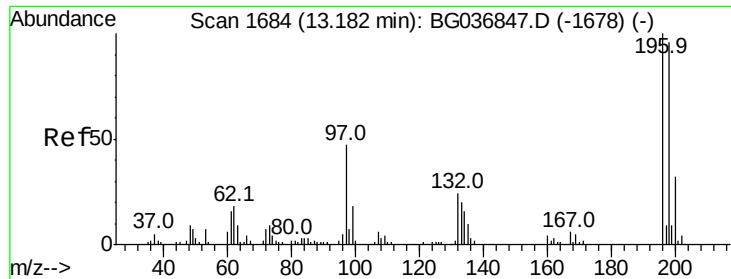
#42
 2,4,6-Trichlorophenol
 Concen: 54.630 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:196 Resp: 116445
 Ion Ratio Lower Upper
 196 100
 198 90.6 77.2 115.8
 200 30.7 26.3 39.5



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

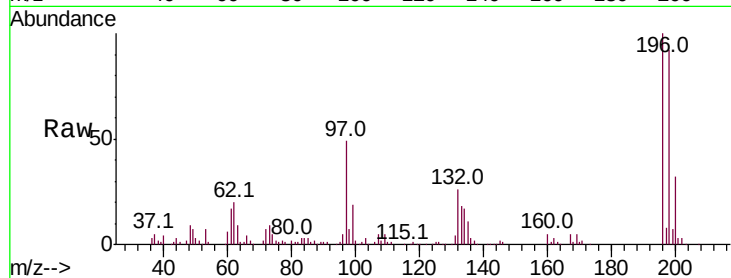




#43
 2,4,5-Trichlorophenol
 Concen: 56.781 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.6	113.4
97	49.1	37.2	55.8
132	25.7	19.4	29.2



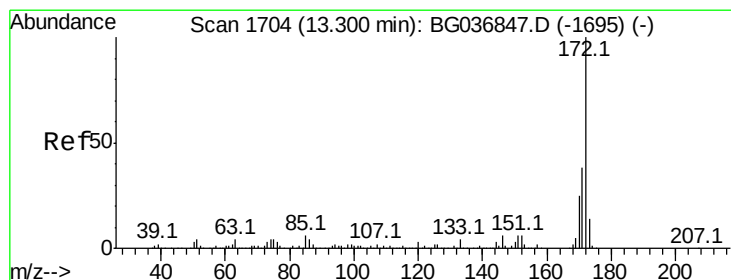
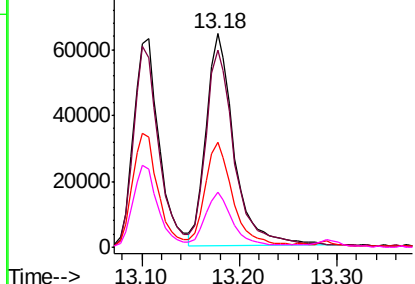
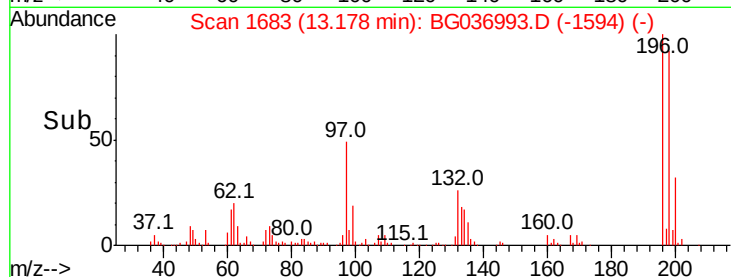
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

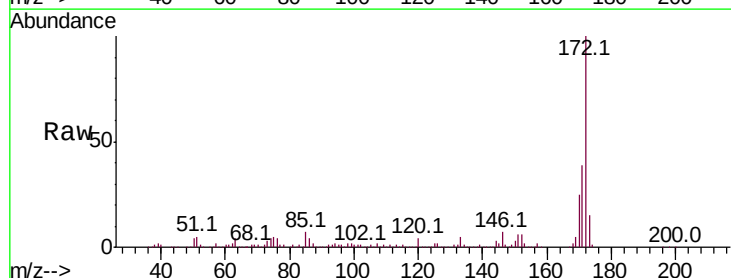
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.006 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	24.8	21.0	31.6

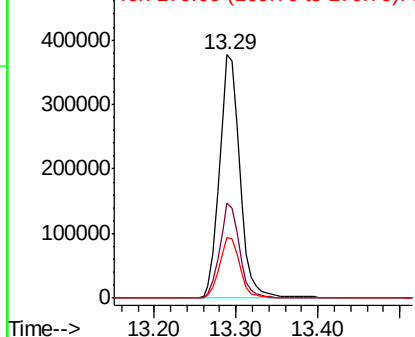
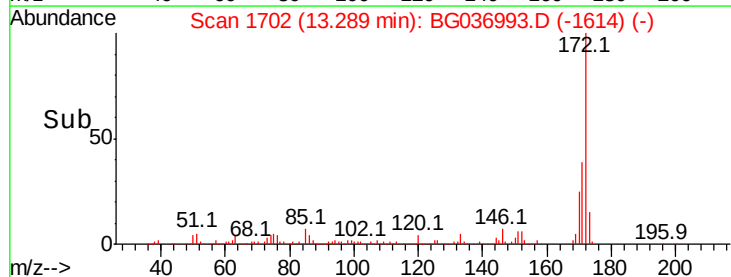


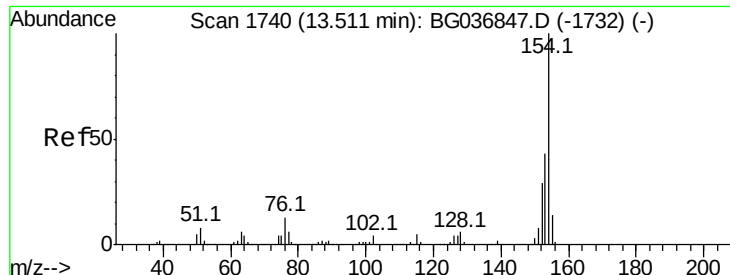
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

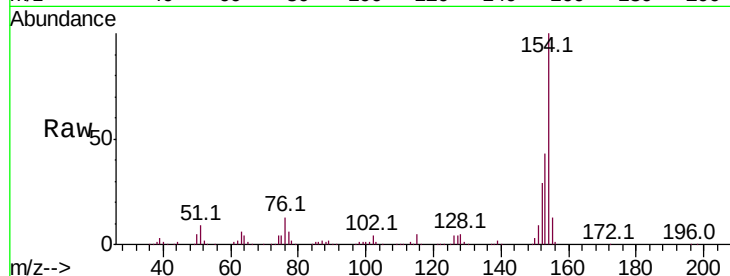




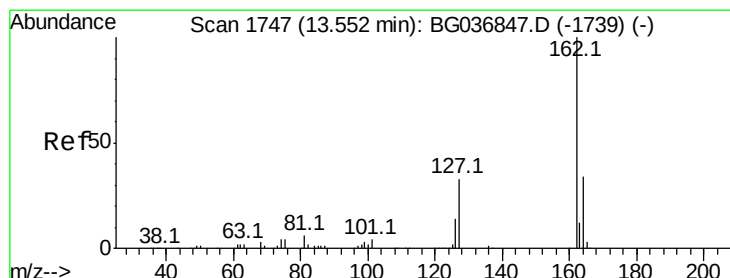
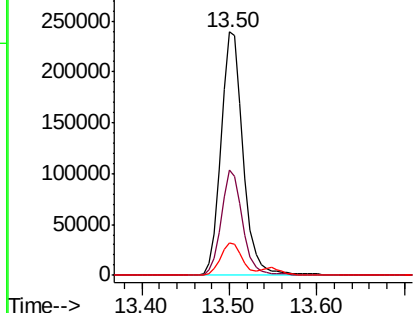
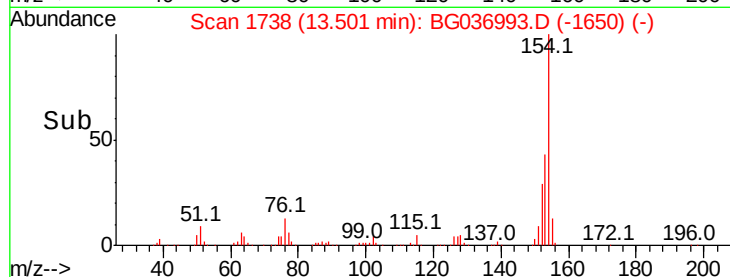
#45
 1,1'-Biphenyl
 Concen: 49.705 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 418947
 Ion Ratio Lower Upper
 154 100
 153 43.1 24.0 64.0
 76 13.3 0.0 32.9

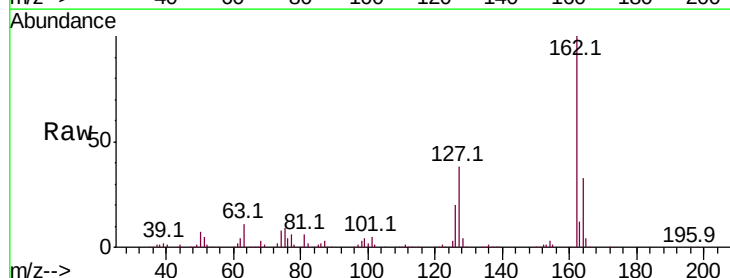


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

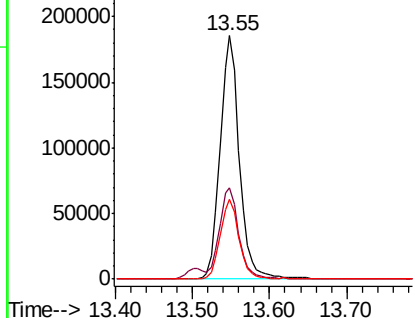
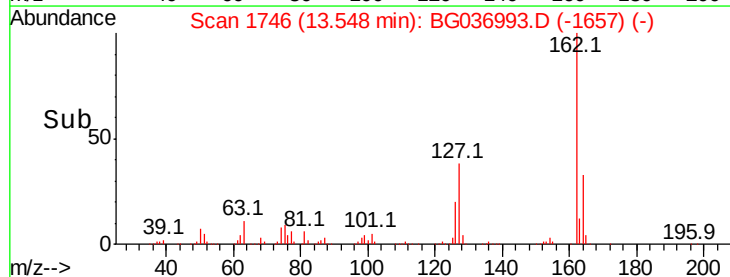


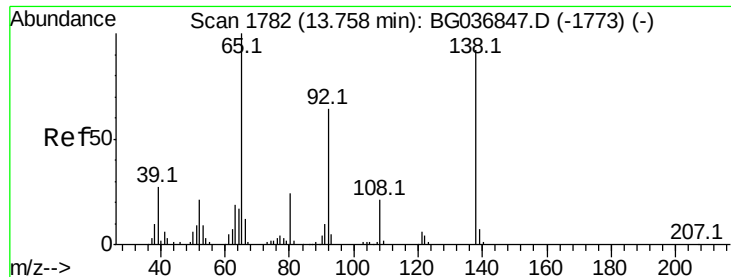
#46
 2-Chloronaphthalene
 Concen: 48.105 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:162 Resp: 318859
 Ion Ratio Lower Upper
 162 100
 127 37.8 30.7 46.1
 164 33.0 26.7 40.1



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





#47

2-Nitroaniline

Concen: 53.680 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

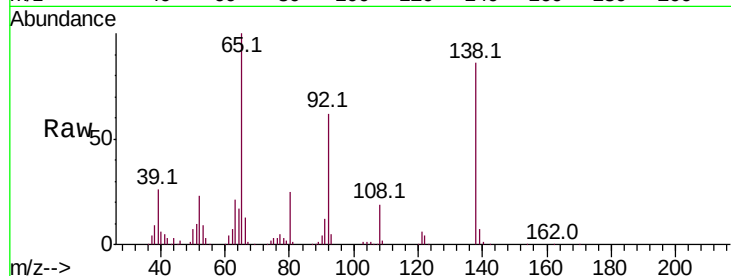
Tot Ion: 65 Resp: 123070

Ion	Ratio	Lower	Upper
65	100		
92	62.2	49.9	74.9
138	86.5	76.2	114.4

65 100

92 62.2 49.9 74.9

138 86.5 76.2 114.4

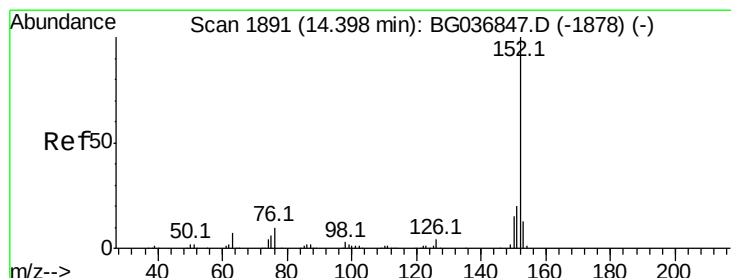
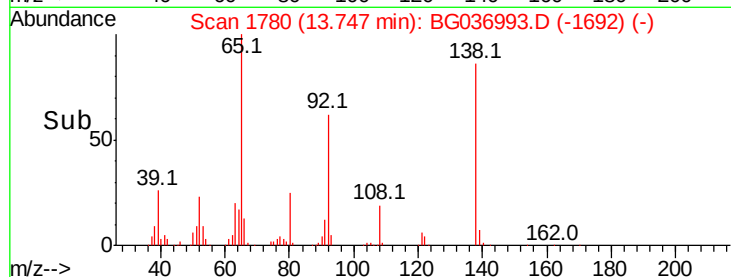
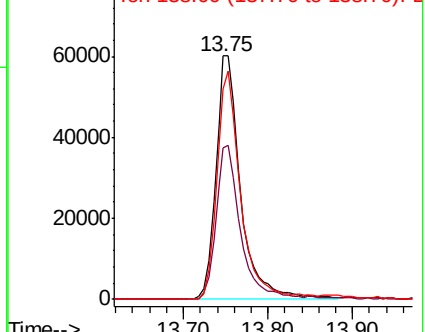


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 52.332 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

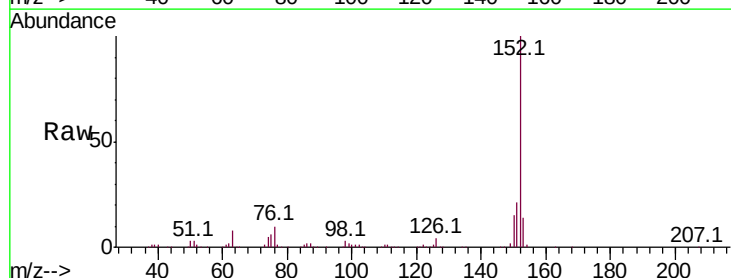
Tgt Ion: 152 Resp: 543558

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.1	11.2	16.8

152 100

151 20.7 16.9 25.3

153 14.1 11.2 16.8

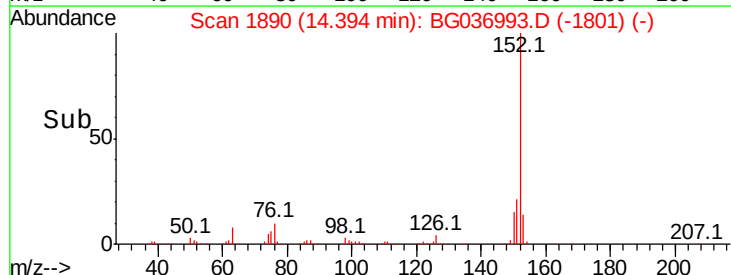
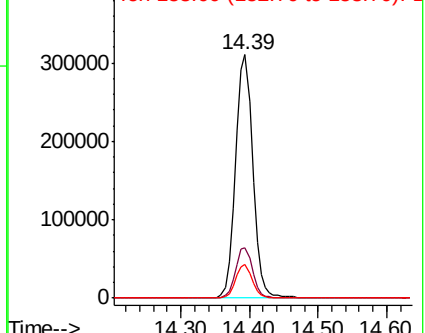


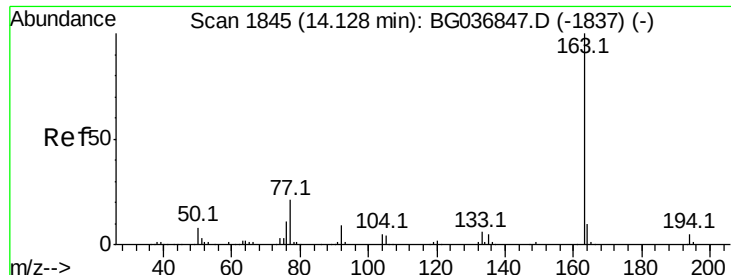
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 48.501 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

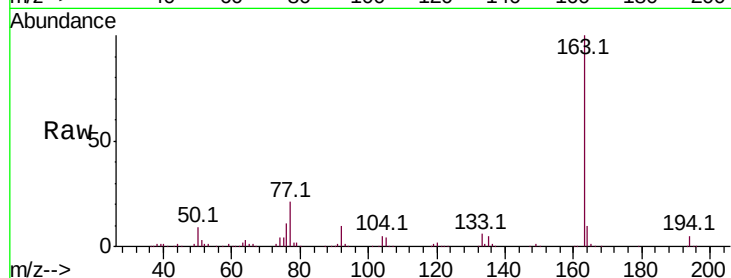
Tot Ion:163 Resp: 429653

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

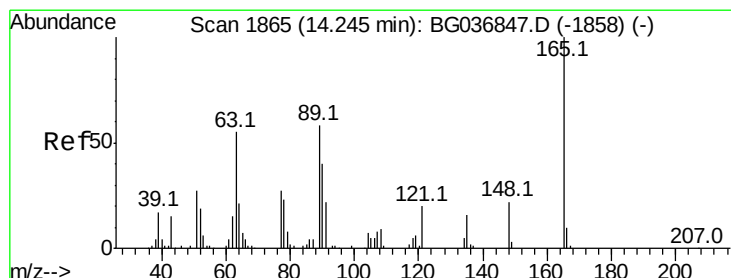
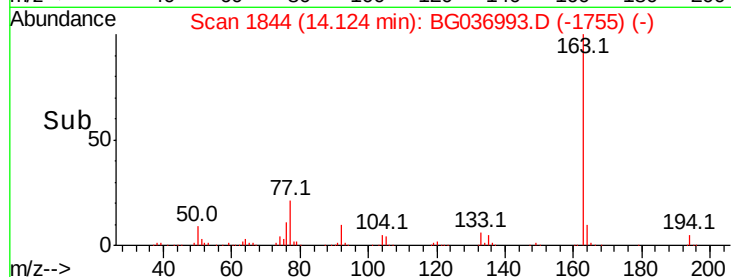
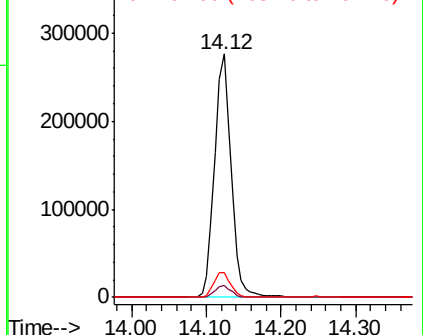
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.671 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

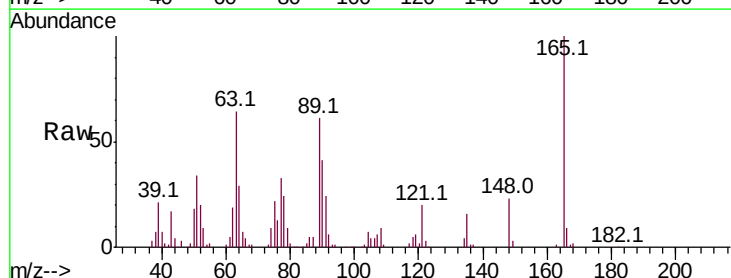
Tgt Ion:165 Resp: 96003

Ion Ratio Lower Upper

165 100

63 63.6 50.1 75.1

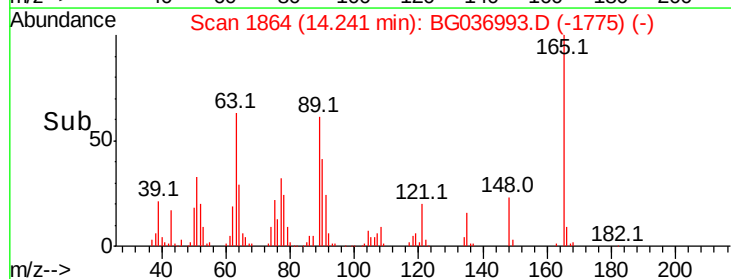
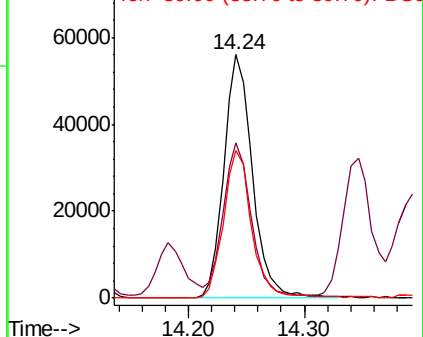
89 60.8 47.8 71.6

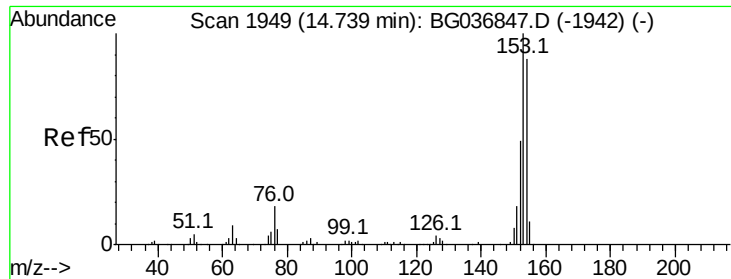


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 49.557 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampled :

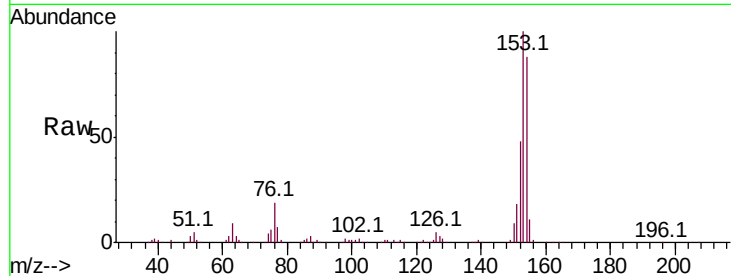
Tot Ion:154 Resp: 311092

Ion Ratio Lower Upper

154 100

153 113.7 91.8 137.6

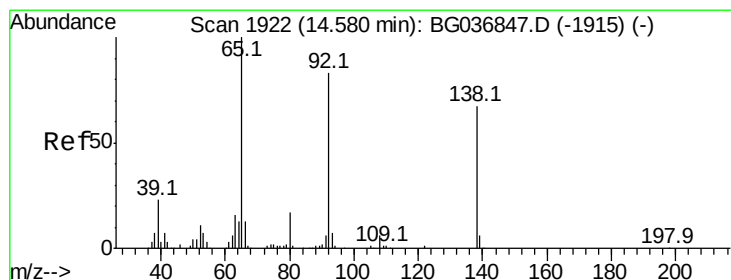
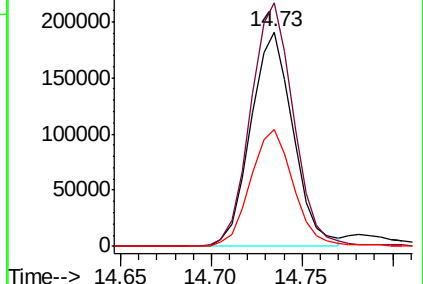
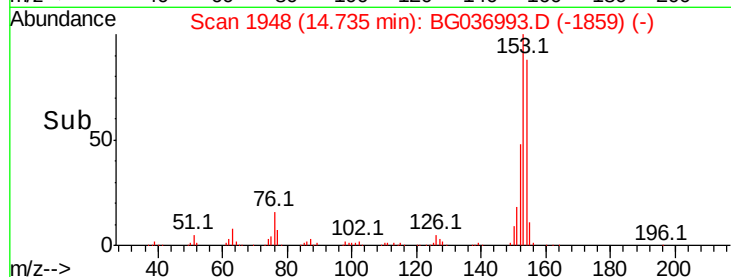
152 54.7 43.5 65.3



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: 37.471 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

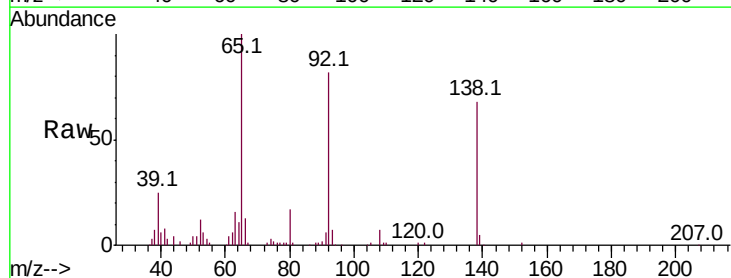
Tgt Ion:138 Resp: 76317

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.2

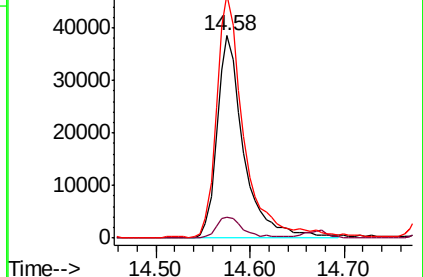
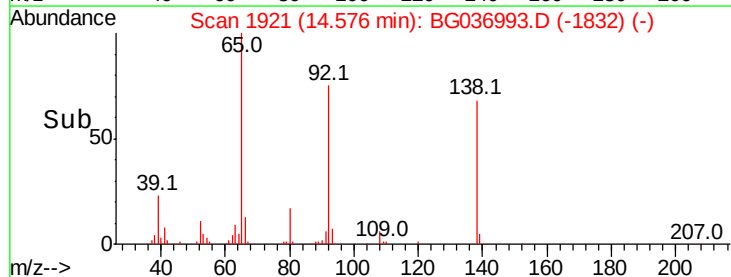
92 120.4 96.8 145.2

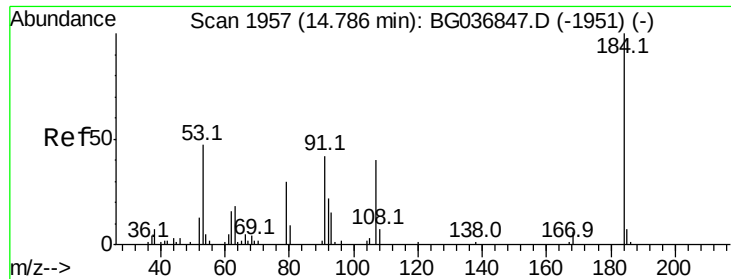


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

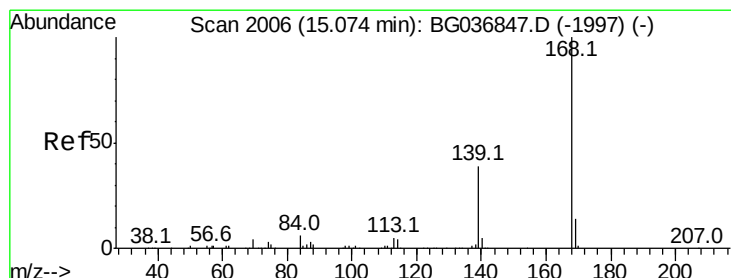
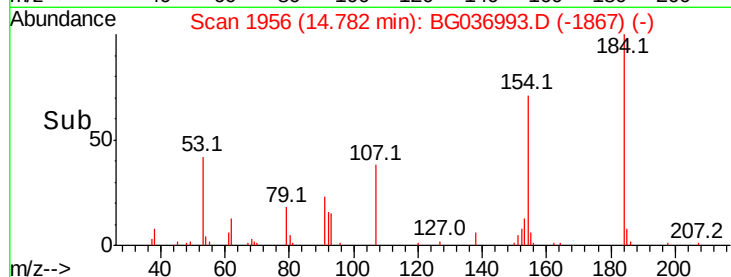
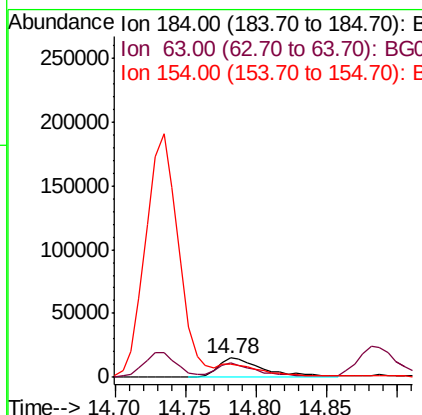
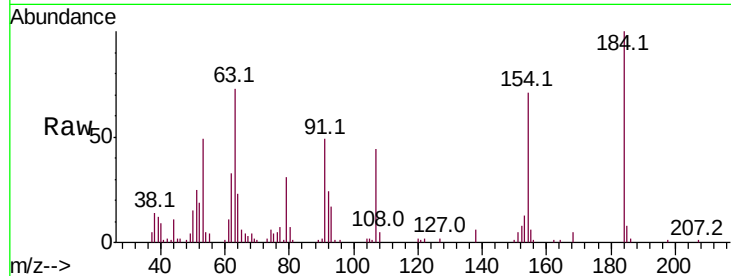




#53
 2,4-Dinitrophenol
 Concen: 42.256 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

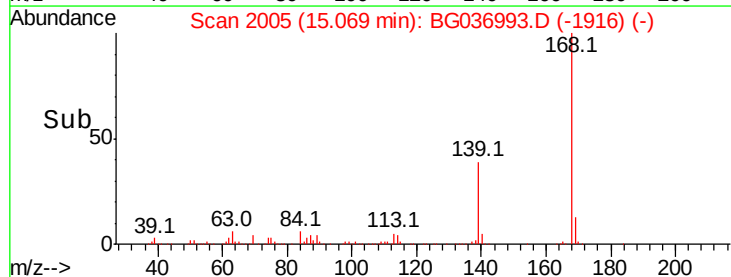
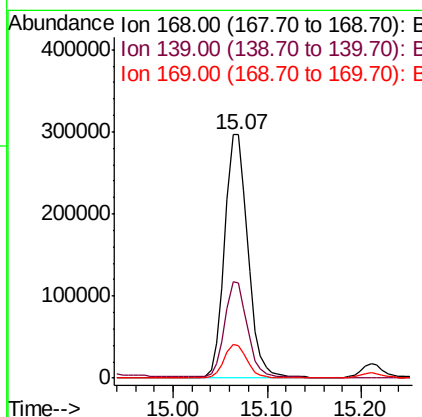
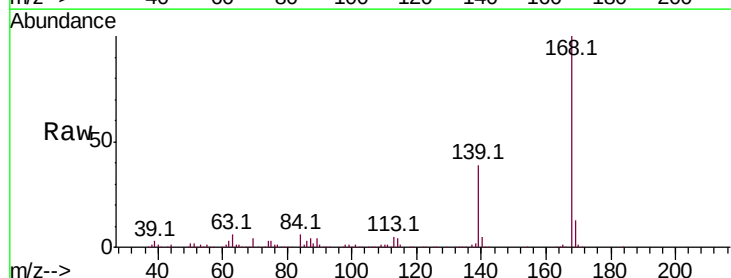
Instrument :
 BNA_G
 ClientSampled :

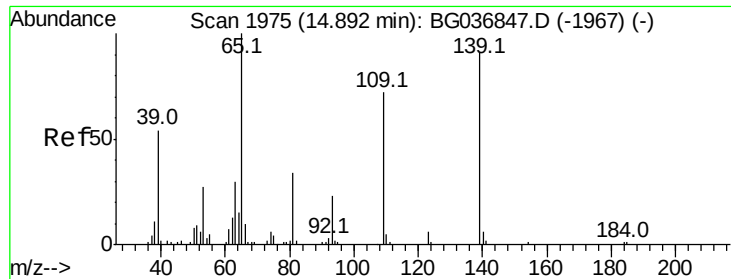
Tot Ion:184 Resp: 34661
 Ion Ratio Lower Upper
 184 100
 63 73.0 47.3 70.9#
 154 71.0 51.1 76.7



#54
 Dibenzofuran
 Concen: 48.401 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:168 Resp: 513929
 Ion Ratio Lower Upper
 168 100
 139 39.1 31.0 46.6
 169 13.4 11.1 16.7

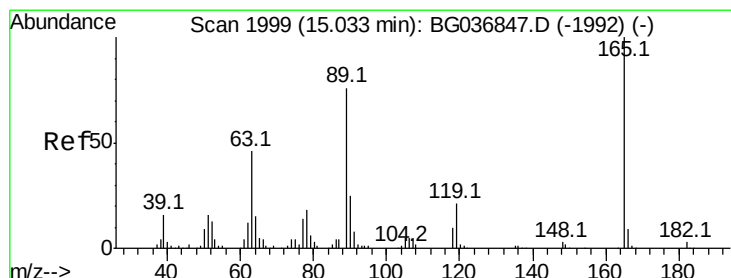
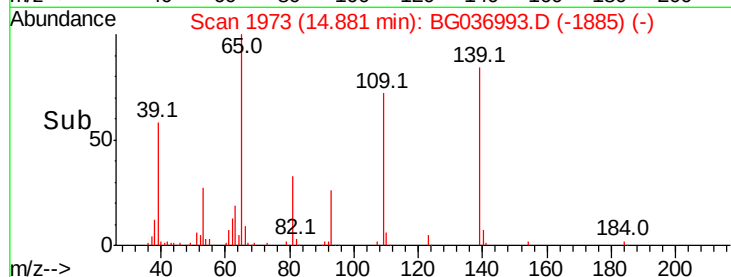
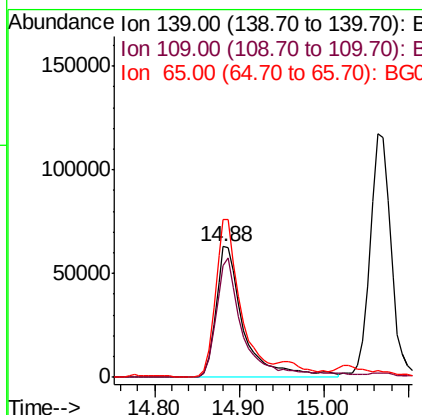
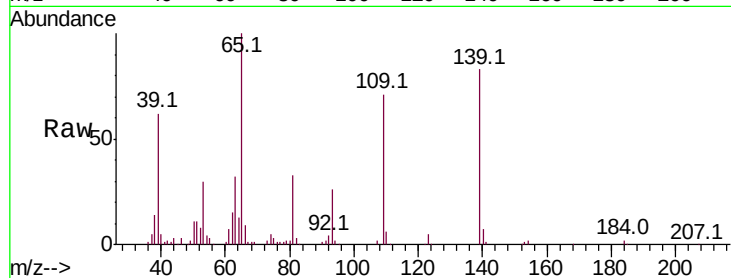




#55
4-Nitrophenol
Concen: 111.291 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

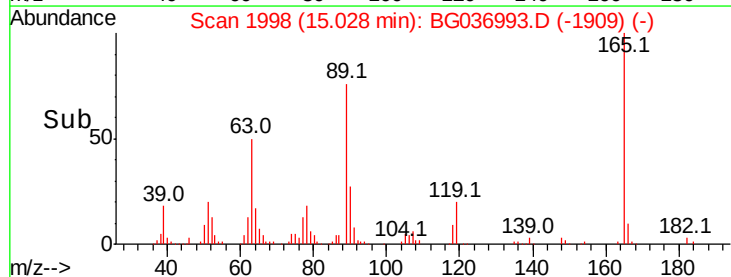
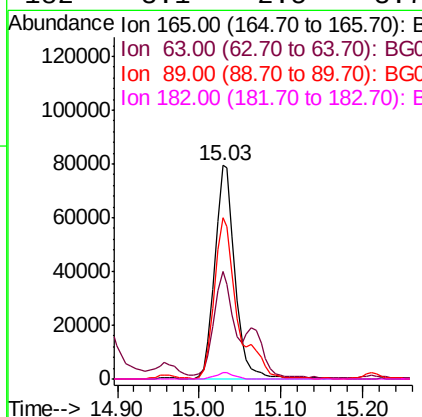
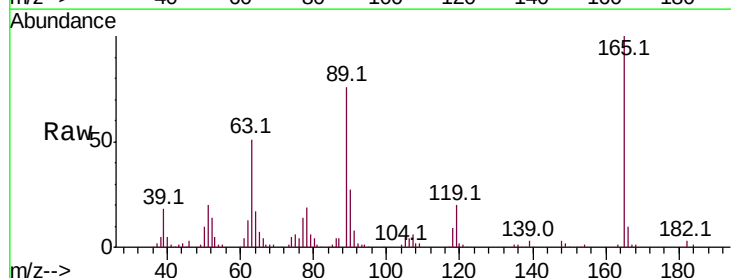
Instrument :
BNA_G
ClientSampleId :

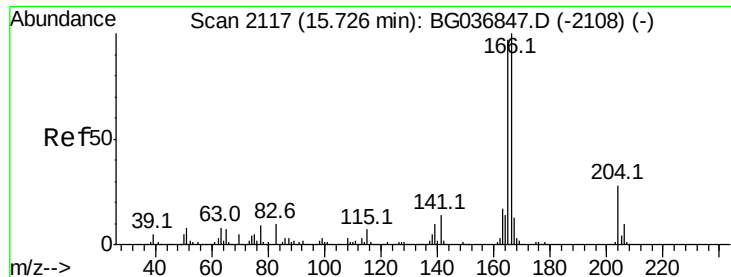
Tot Ion:139 Resp: 144803
Ion Ratio Lower Upper
139 100
109 85.9 63.9 103.9
65 120.7 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 51.087 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:165 Resp: 137780
Ion Ratio Lower Upper
165 100
63 50.6 40.1 60.1
89 75.5 63.7 95.5
182 3.1 2.5 3.7





#57

Fluorene

Concen: 52.428 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

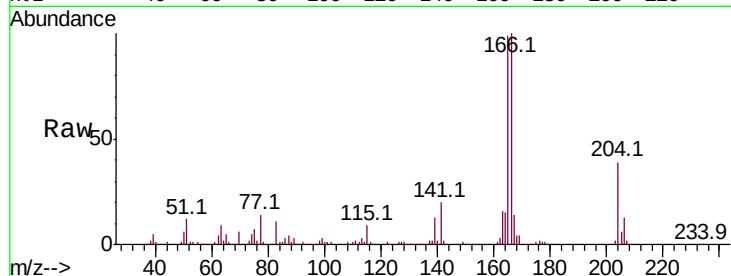
Tot Ion:166 Resp: 416090

Ion Ratio Lower Upper

166 100

165 98.9 77.0 115.4

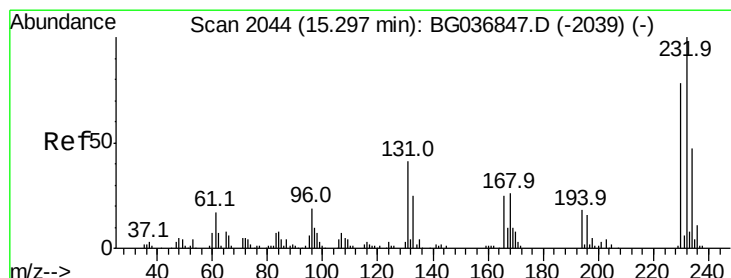
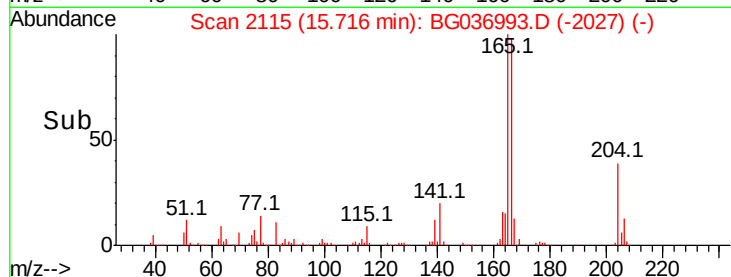
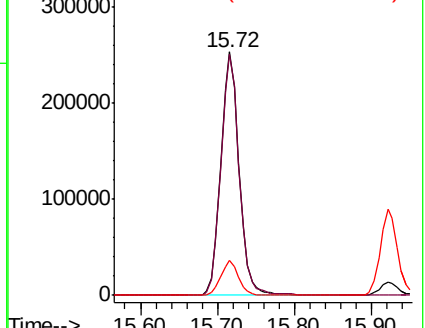
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.151 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:232 Resp: 131773

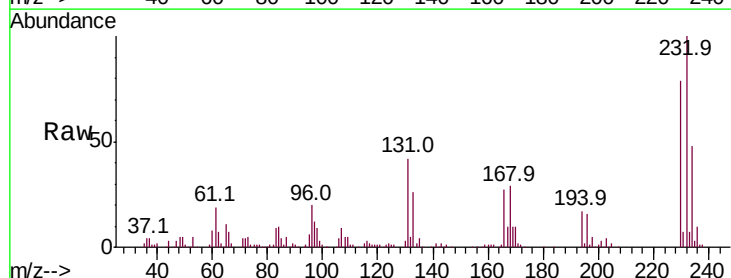
Ion Ratio Lower Upper

232 100

131 41.1 33.8 50.8

130 2.7 2.1 3.1

166 26.9 22.3 33.5

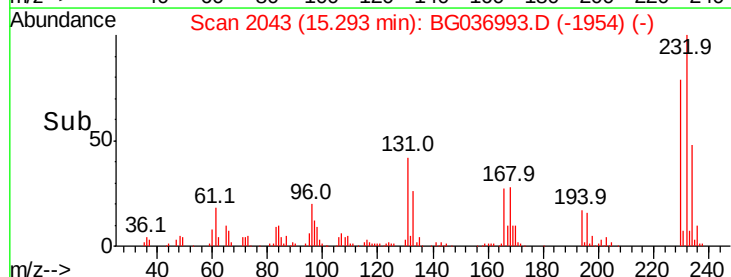
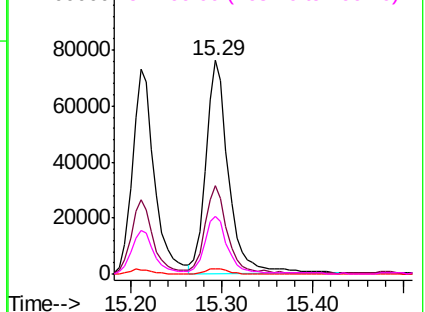


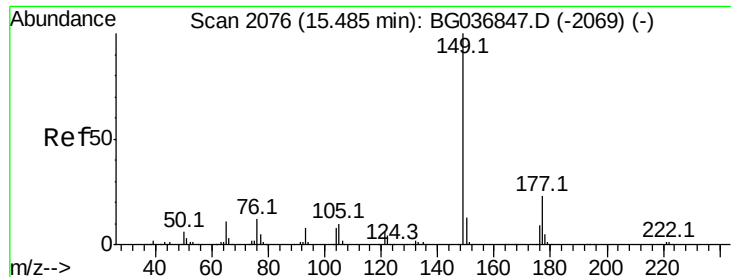
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

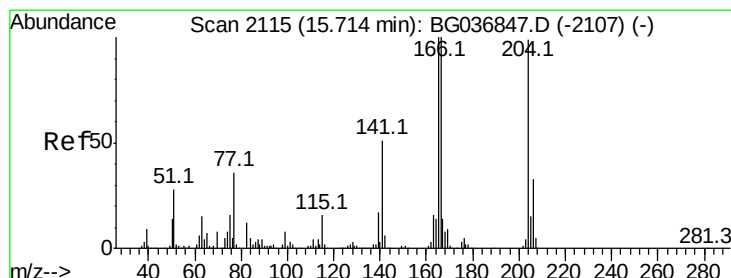
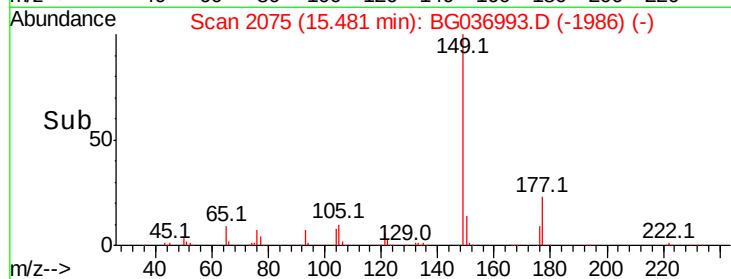
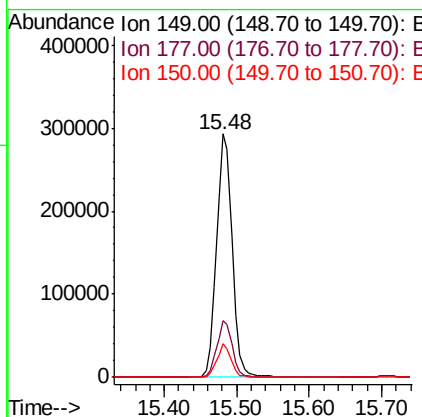
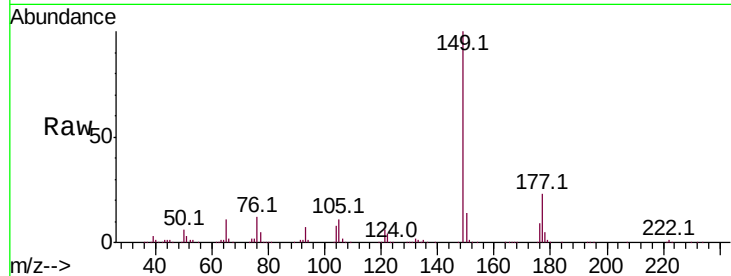




#59
Diethylphthalate
Concen: 49.111 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

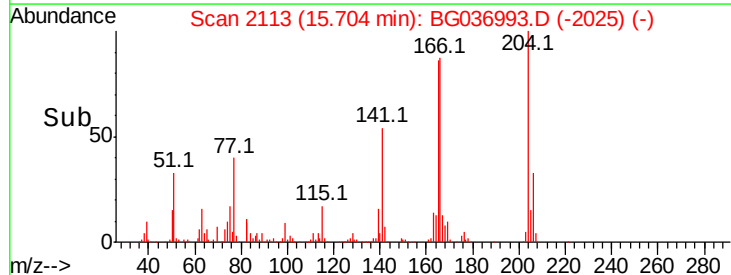
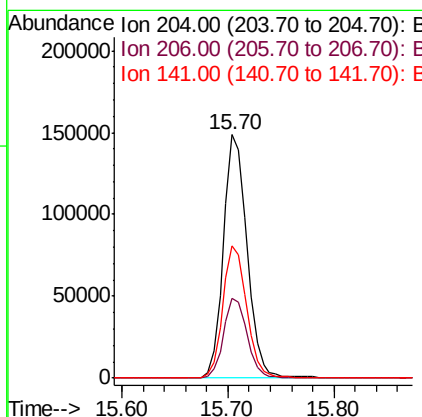
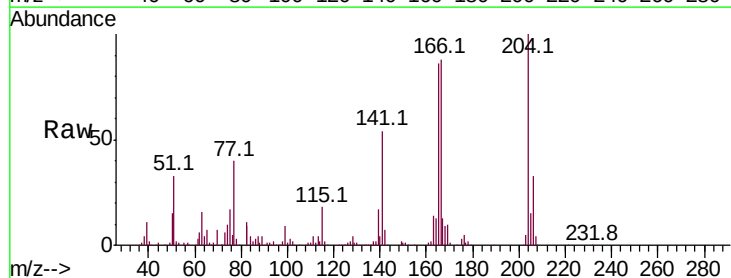
Instrument :
BNA_G
ClientSampleId :

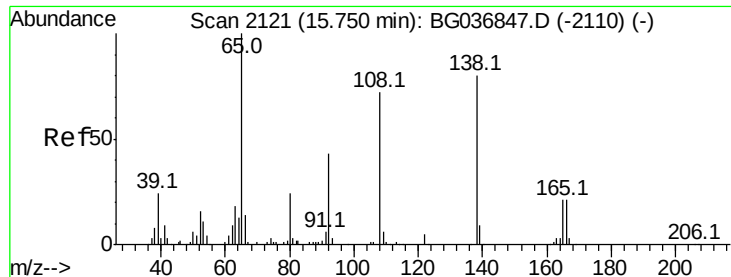
Tot Ion:149 Resp: 438796
Ion Ratio Lower Upper
149 100
177 23.1 19.1 28.7
150 13.6 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 46.011 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:204 Resp: 231252
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 54.2 43.8 65.6

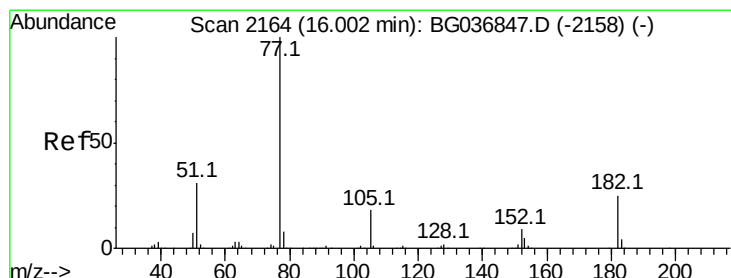
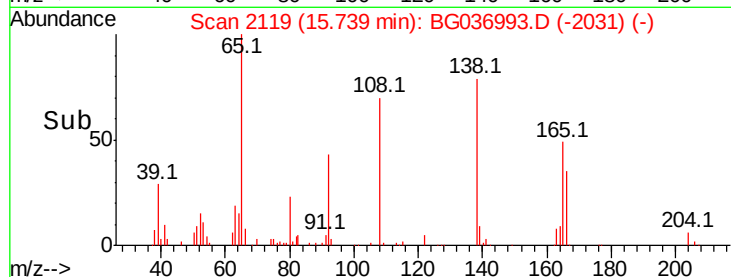
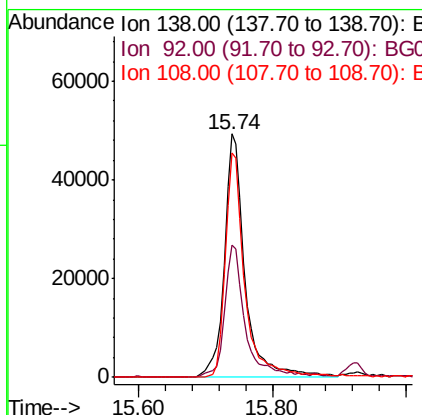
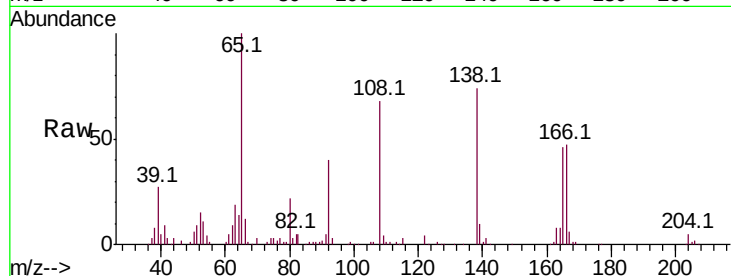




#61
4-Nitroaniline
Concen: 50.254 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

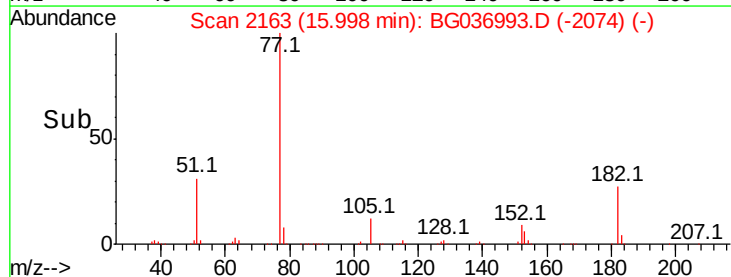
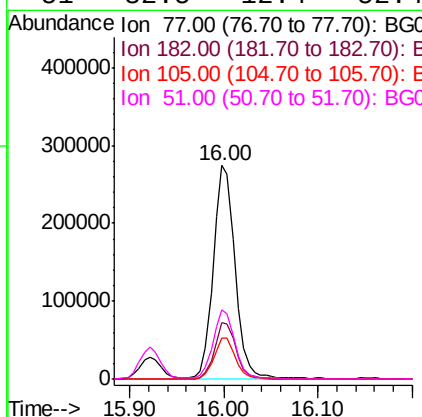
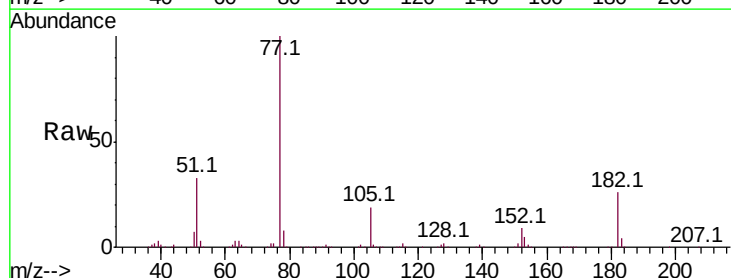
Instrument :
BNA_G
ClientSampleId :

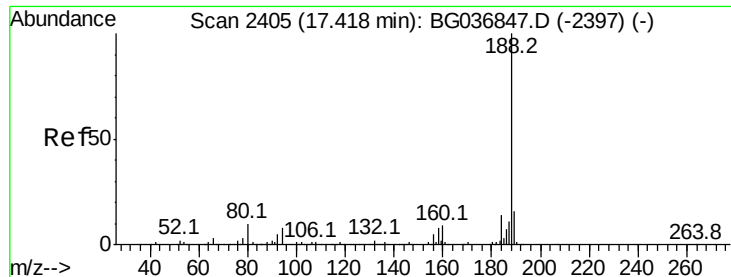
Tot Ion:138 Resp: 107659
Ion Ratio Lower Upper
138 100
92 54.3 38.5 78.5
108 92.3 70.3 110.3



#62
Azobenzene
Concen: 51.652 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion: 77 Resp: 443434
Ion Ratio Lower Upper
77 100
182 26.1 6.7 46.7
105 19.2 0.0 39.8
51 32.5 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

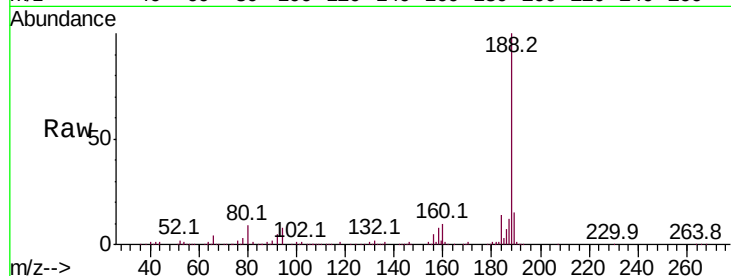
Tot Ion:188 Resp: 277400

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

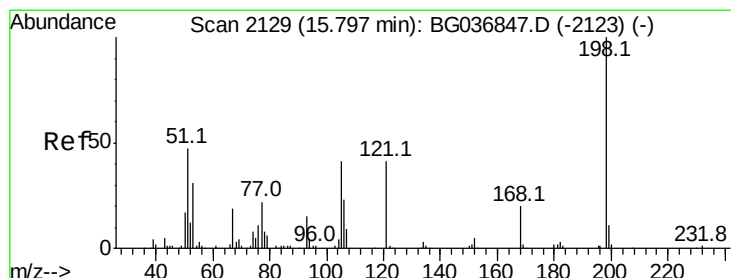
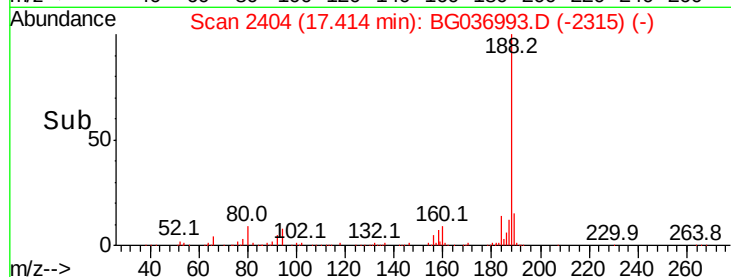
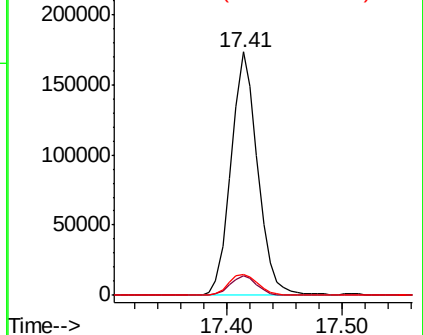
80 8.8 8.1 12.1



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: 35.670 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

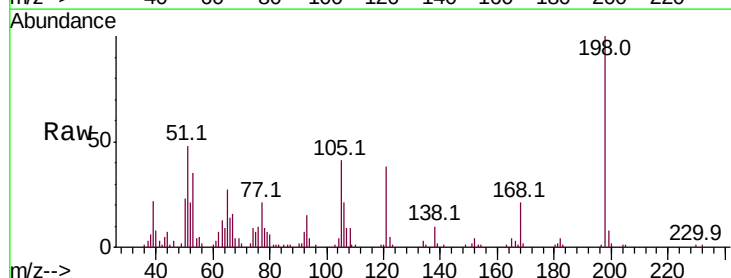
Tgt Ion:198 Resp: 51732

Ion Ratio Lower Upper

198 100

51 48.5 26.5 66.5

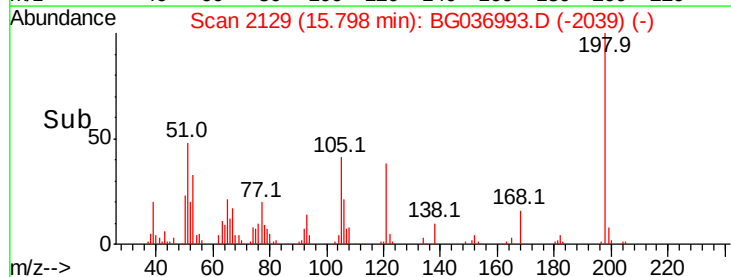
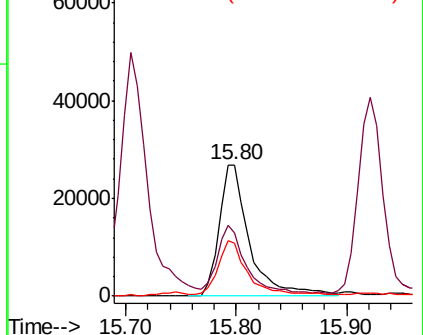
105 40.5 20.2 60.2

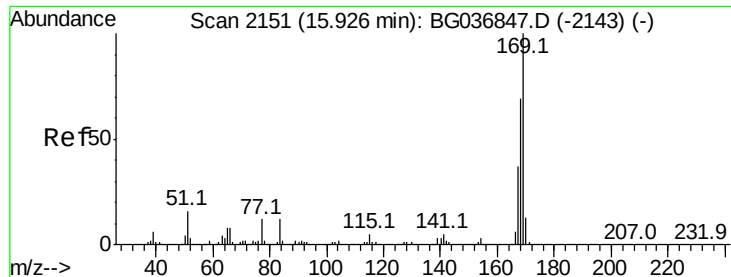


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

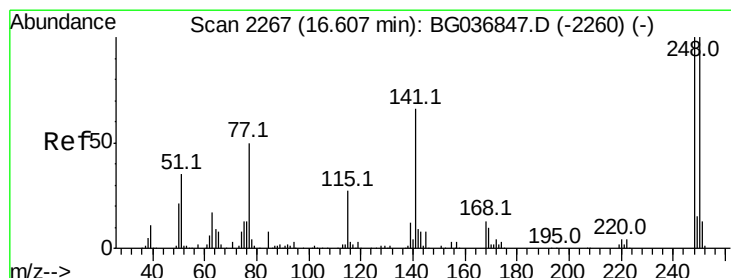
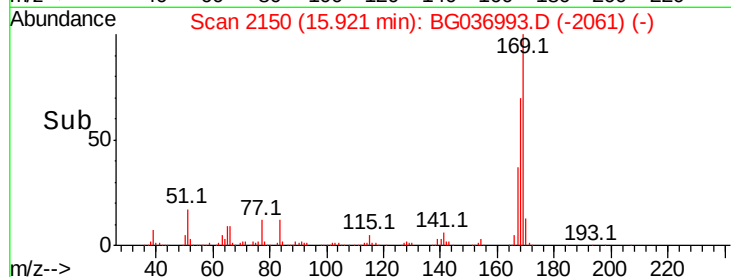
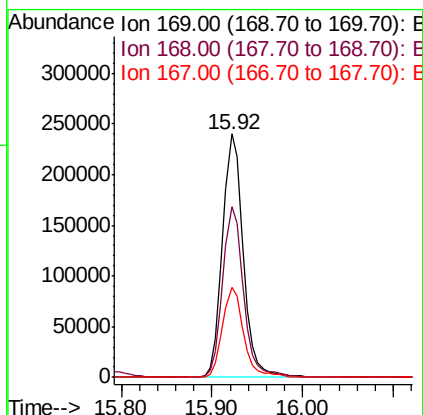
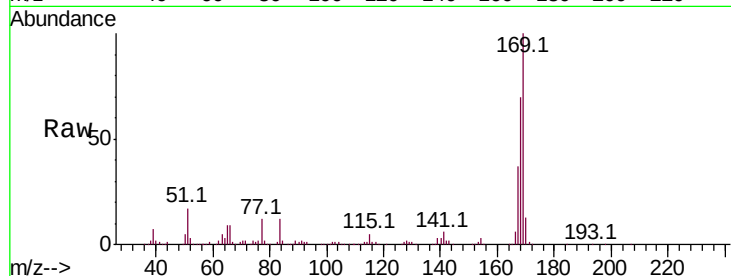




#65
 n-Nitrosodiphenylamine
 Concen: 49.654 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

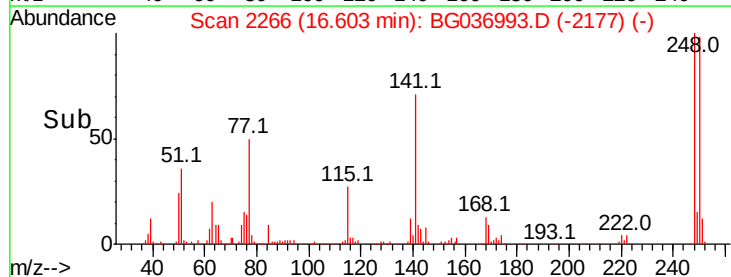
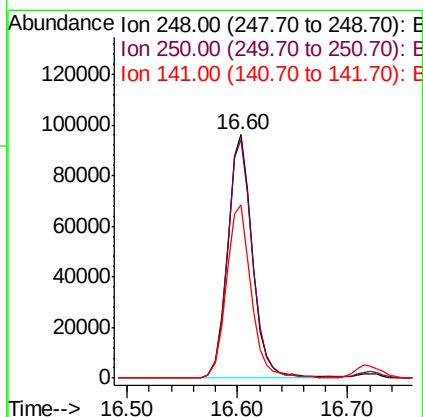
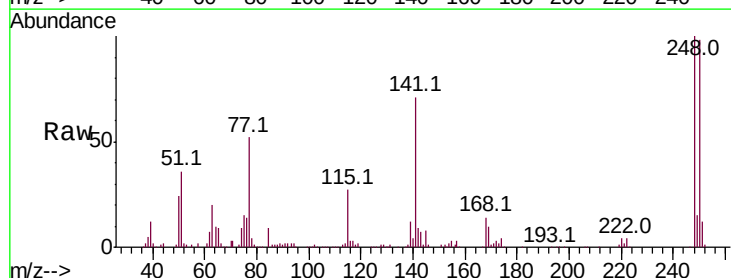
Instrument :
 BNA_G
 ClientSampleId :

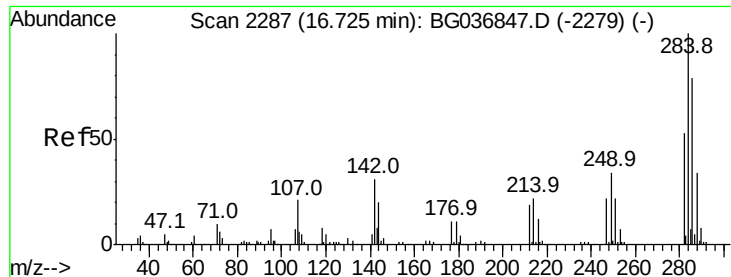
Tot Ion:169 Resp: 380262
 Ion Ratio Lower Upper
 169 100
 168 70.2 57.6 86.4
 167 37.1 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 47.701 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:248 Resp: 150510
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.1 117.1
 141 71.1 53.7 80.5





#67

Hexachlorobenzene

Concen: 46.760 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampled :

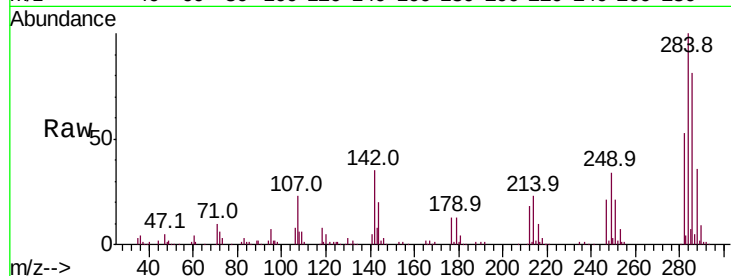
Tot Ion:284 Resp: 151957

Ion Ratio Lower Upper

284 100

142 35.2 27.8 41.6

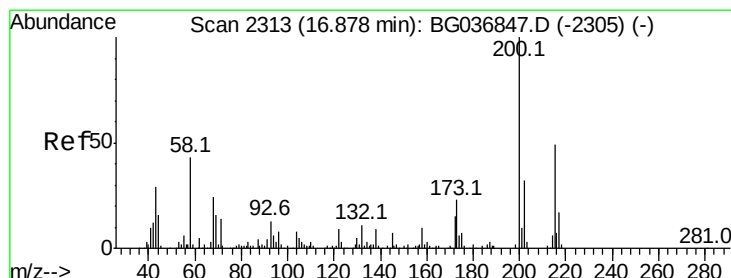
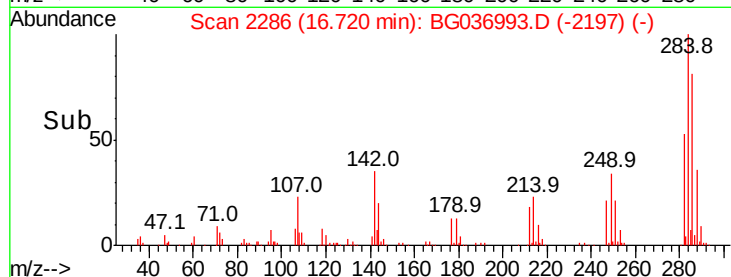
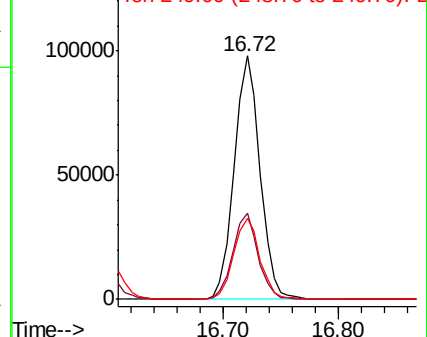
249 33.5 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.488 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

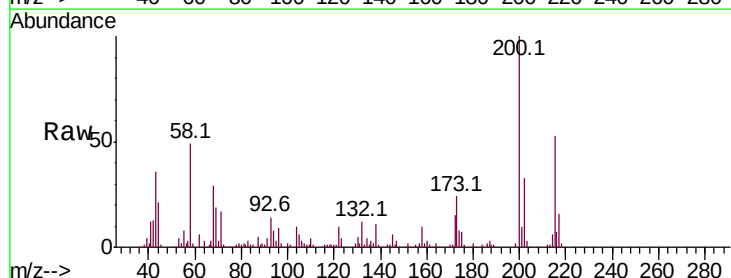
Tgt Ion:200 Resp: 162760

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

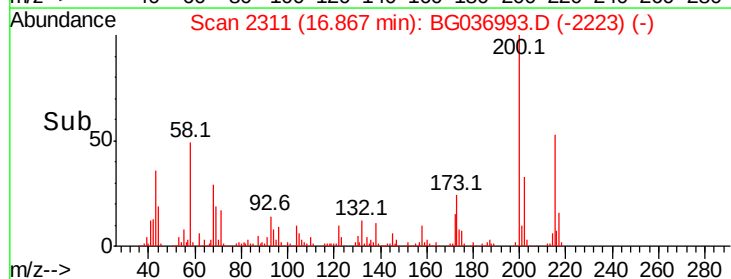
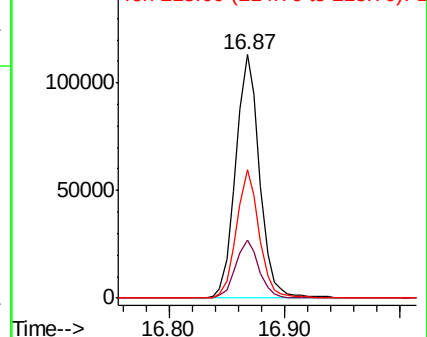
215 52.5 30.4 70.4

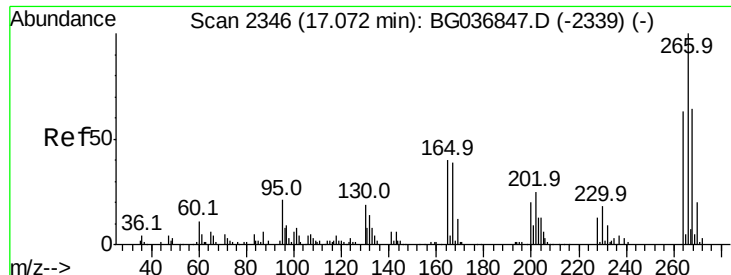


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

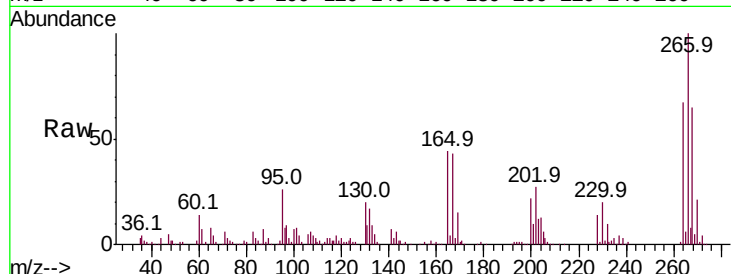




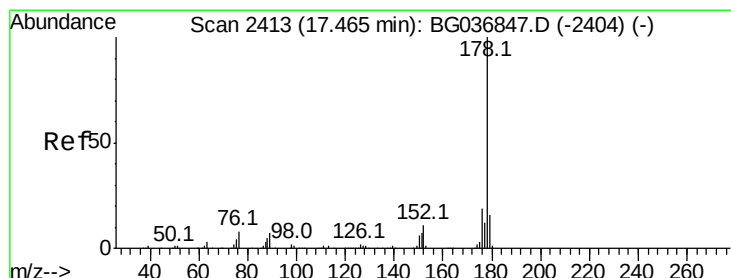
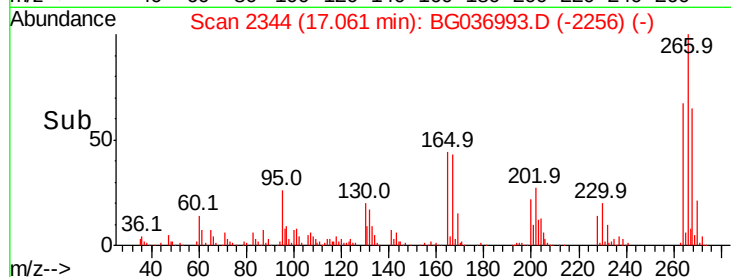
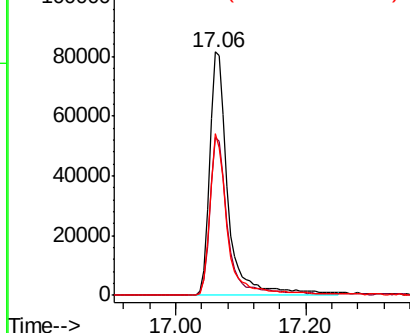
#69
 Pentachlorophenol
 Concen: 78.509 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 160631
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.4 77.2
 264 66.6 48.9 73.3

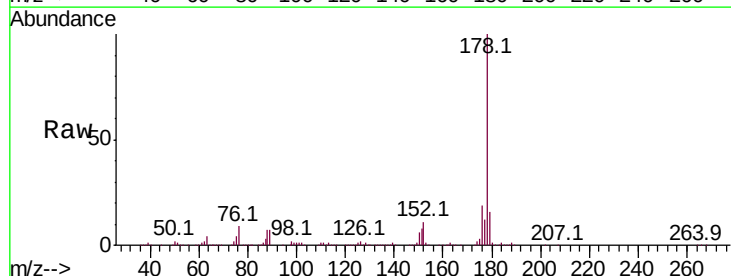


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

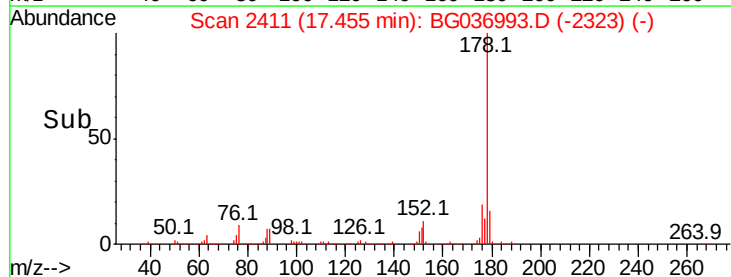
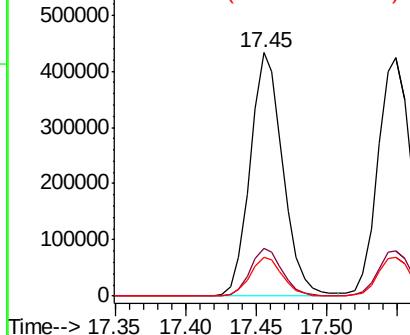


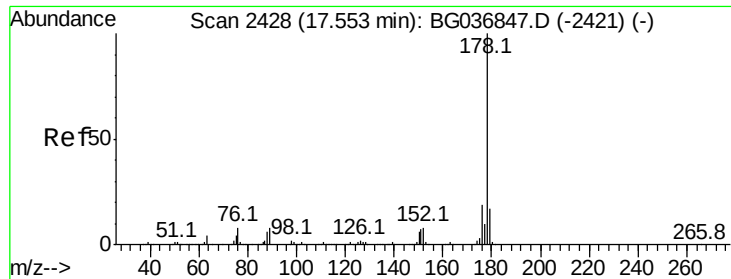
#70
 Phenanthrene
 Concen: 52.826 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:178 Resp: 706167
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.2 13.4 20.2



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

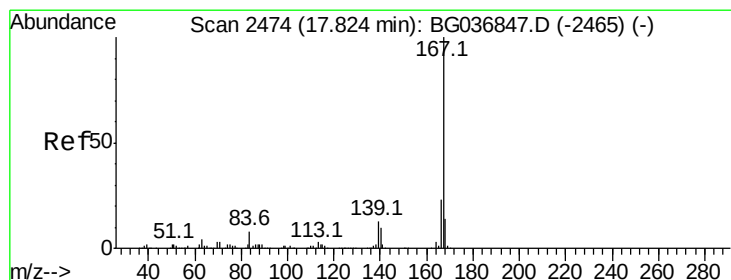
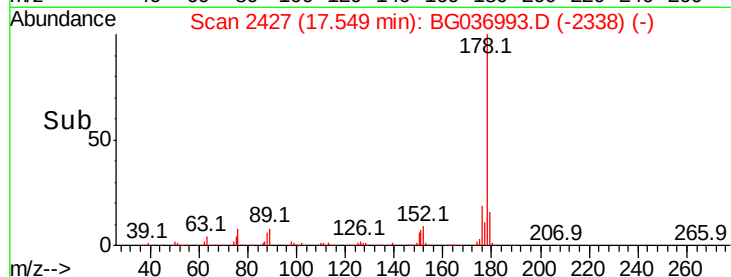
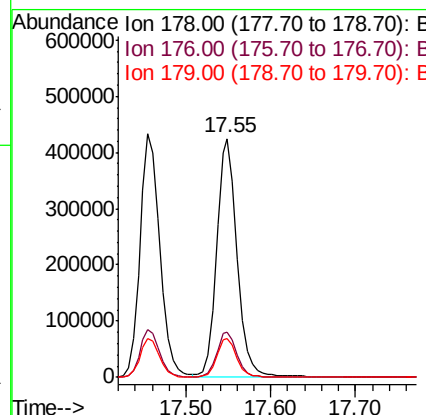
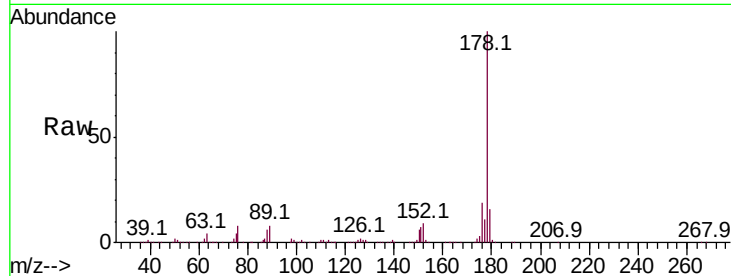




#71
 Anthracene
 Concen: 54.310 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

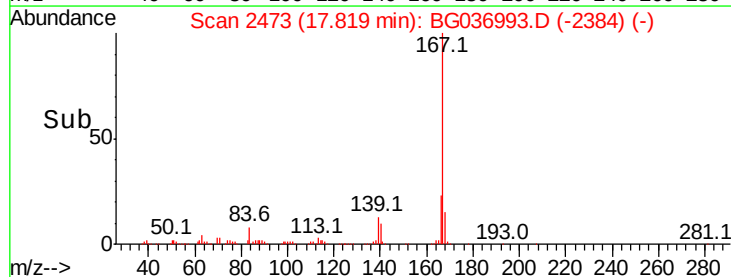
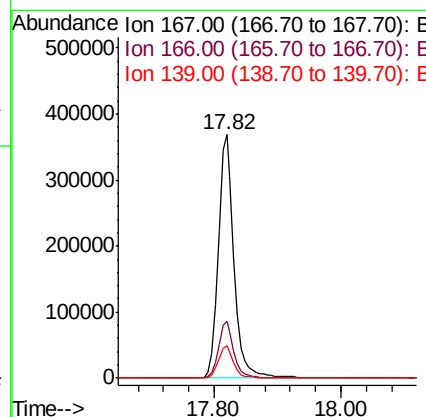
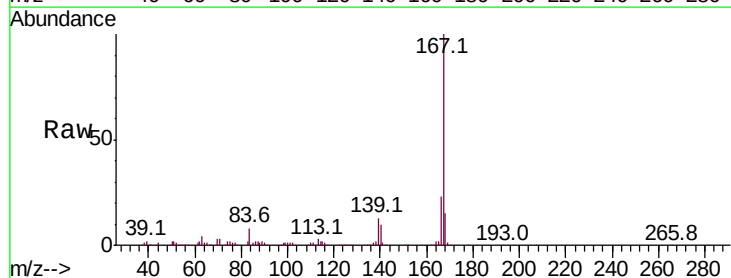
Instrument :
 BNA_G
 ClientSampled :

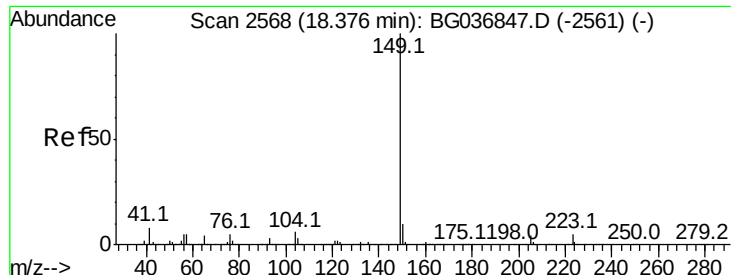
Tot Ion:178 Resp: 717882
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 50.392 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:167 Resp: 649442
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.5 29.3
 139 13.2 10.7 16.1





#73

Di-n-butylphthalate

Concen: 52.145 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

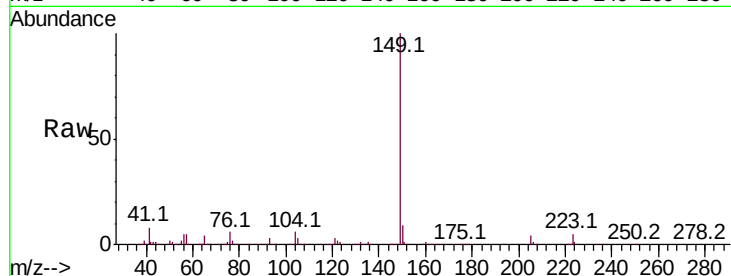
Tot Ion:149 Resp: 746321

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

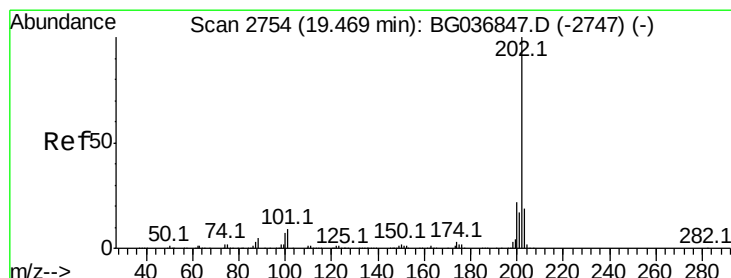
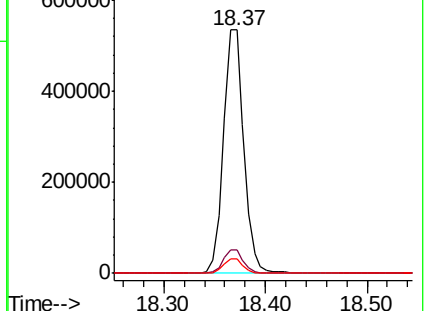
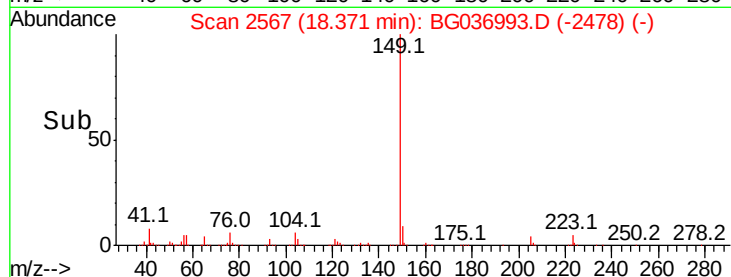
104 6.0 4.6 6.8



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: 54.363 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

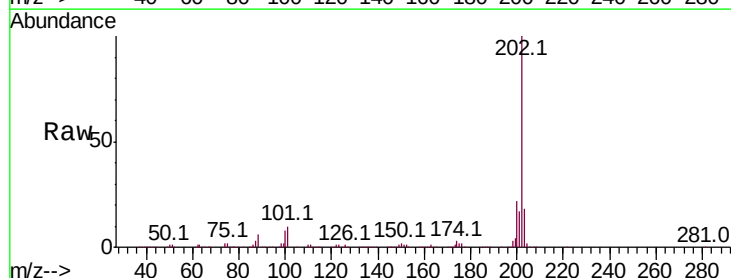
Tgt Ion:202 Resp: 874760

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.4

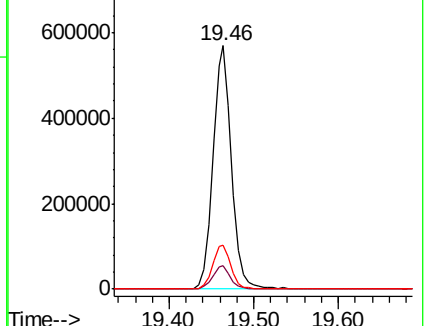
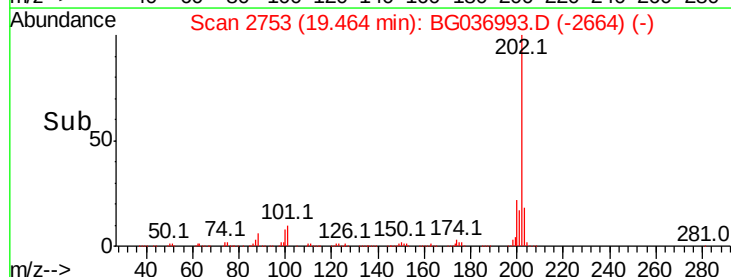
203 18.3 0.0 38.9

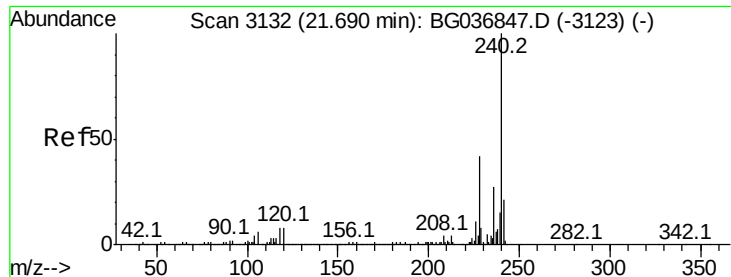


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

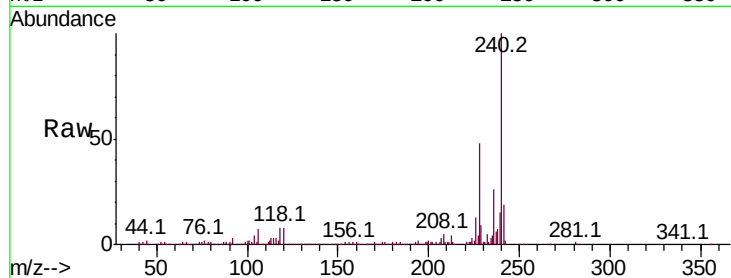
Tot Ion:240 Resp: 290550

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

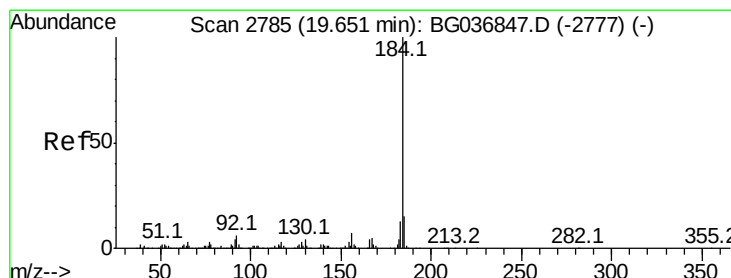
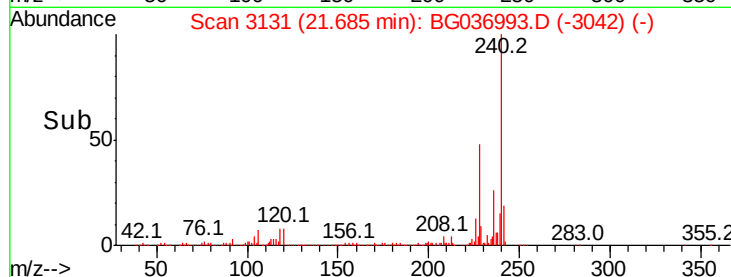
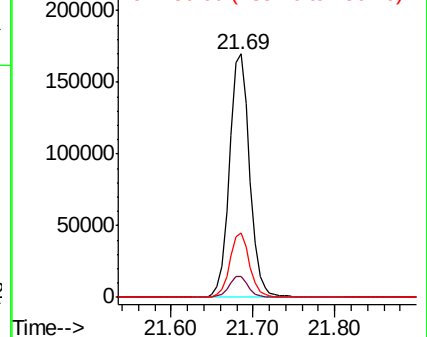
236 26.2 21.2 31.8



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: 47.697 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

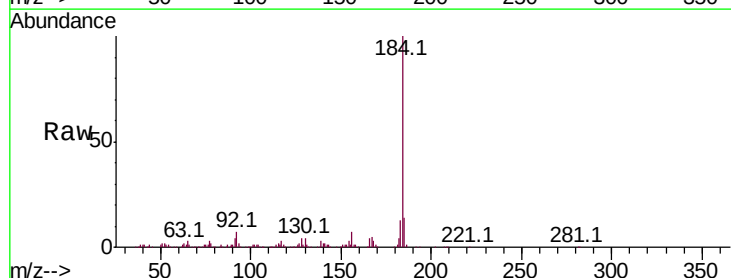
Tgt Ion:184 Resp: 418933

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

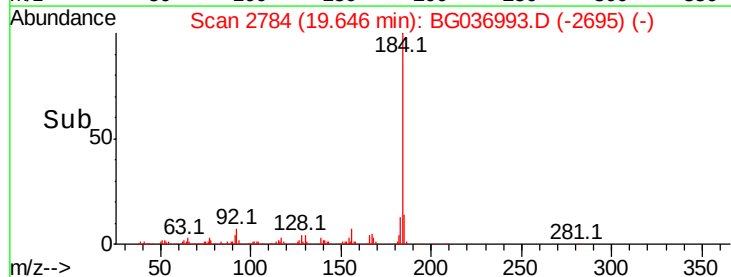
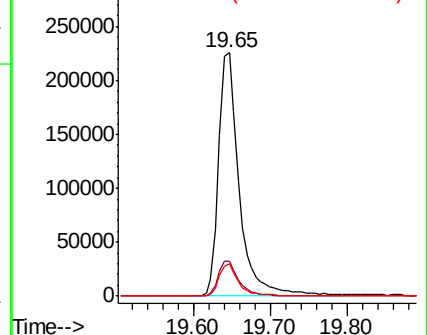
183 13.5 10.9 16.3

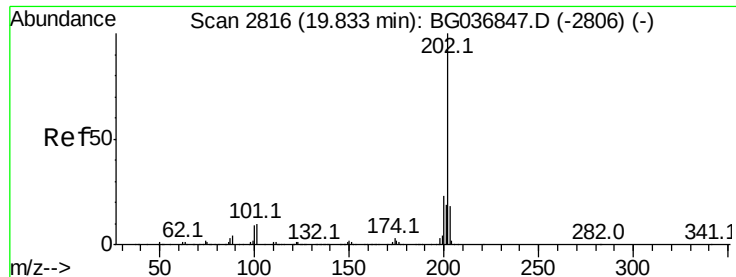


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

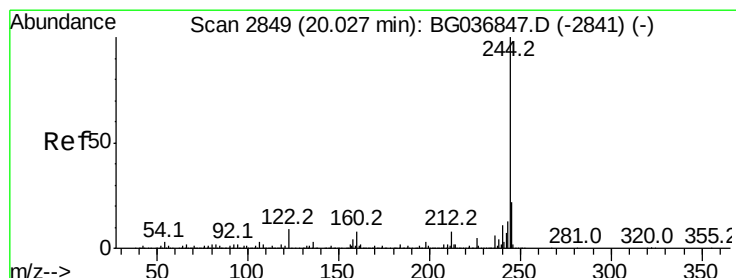
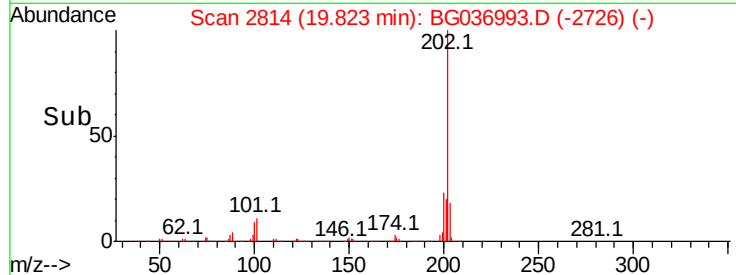
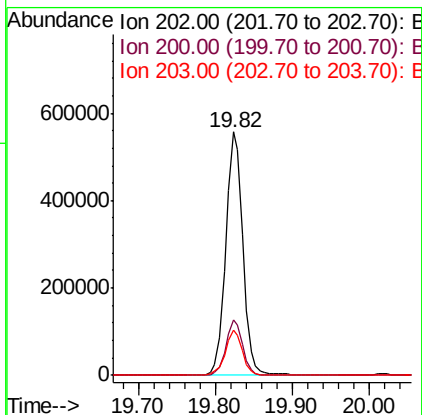
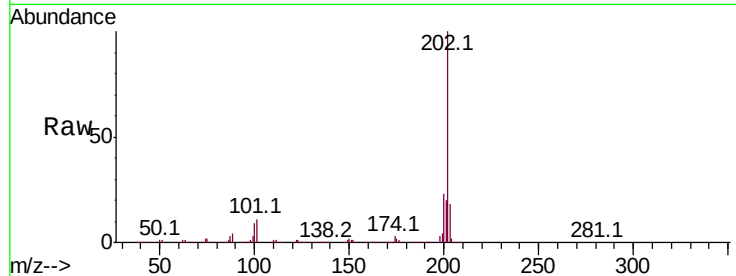




#77
 Pvrene
 Concen: 49.433 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

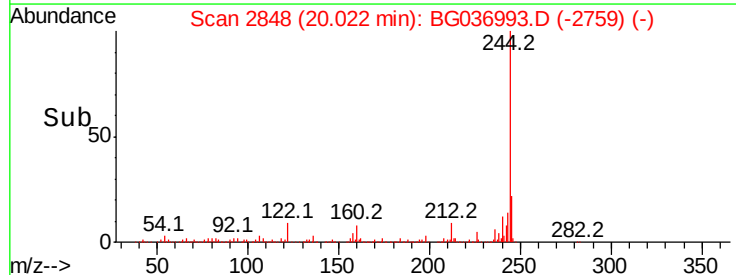
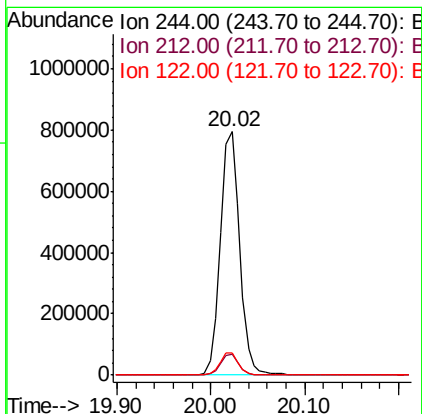
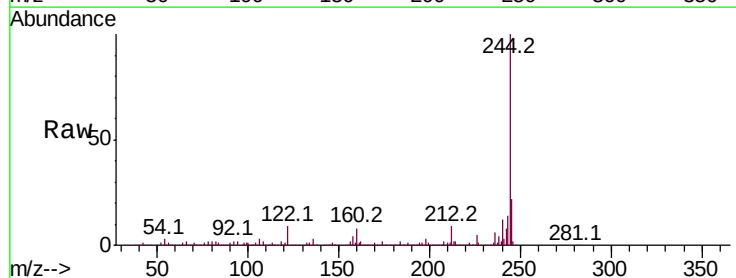
Instrument :
 BNA_G
 ClientSampleId :

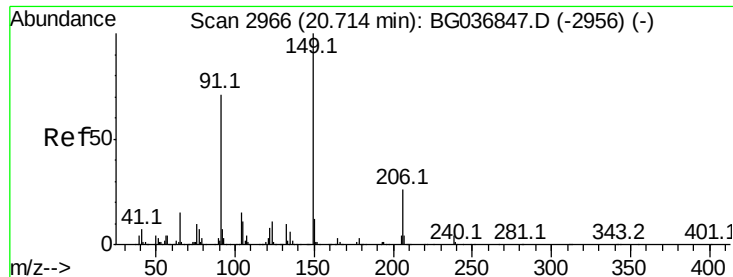
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.5	15.1	22.7



#78
 Terphenyl-d14
 Concen: 103.166 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	8.9	7.1	10.7

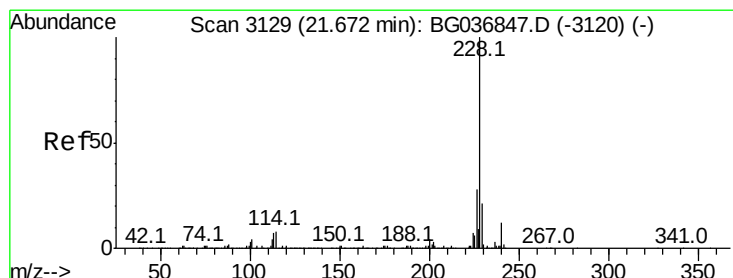
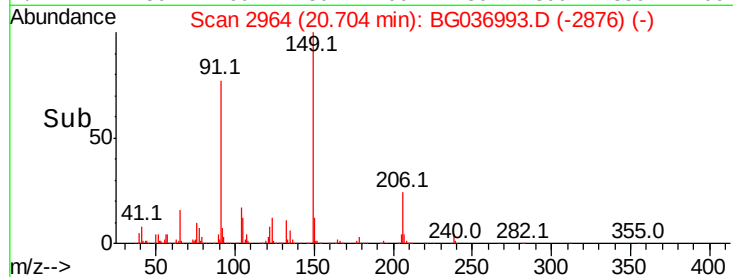
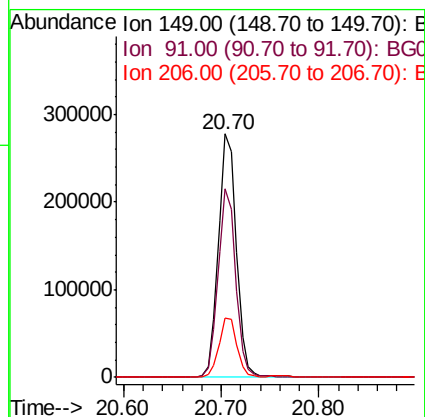
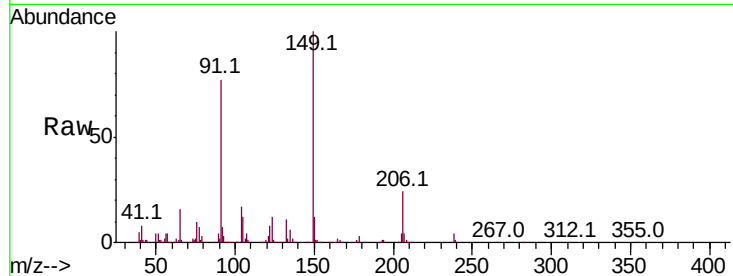




#79
Butylbenzylphthalate
Concen: 51.504 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

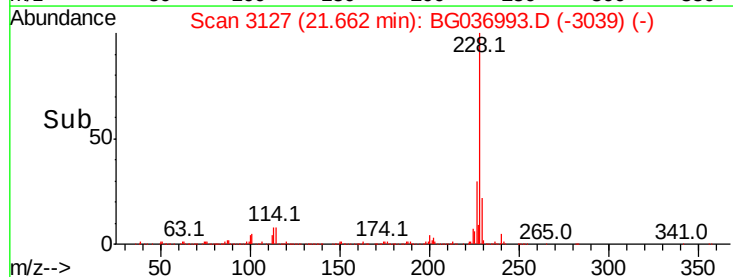
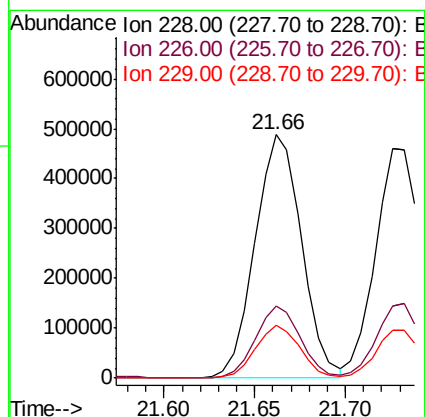
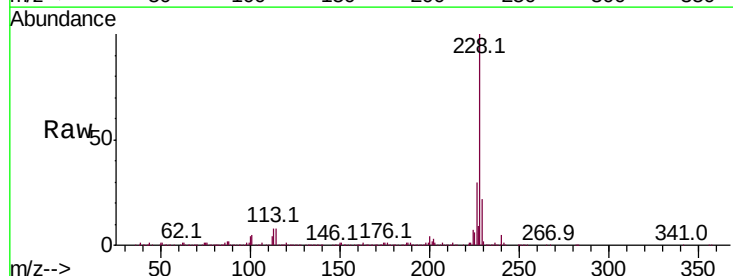
Instrument :
BNA_G
ClientSampleId :

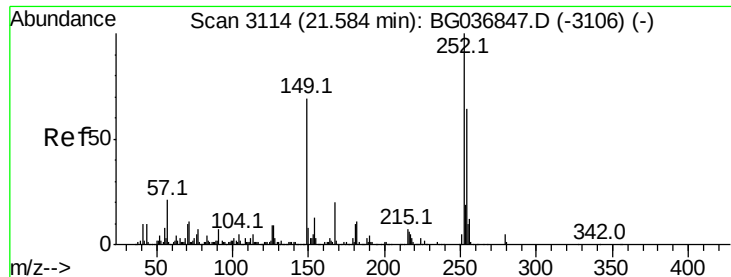
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.3	62.0	93.0
206	24.4	19.6	29.4



#80
Benzo(a)anthracene
Concen: 51.269 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.6	17.1	25.7

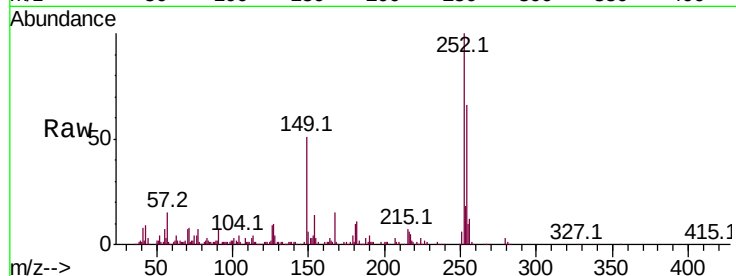




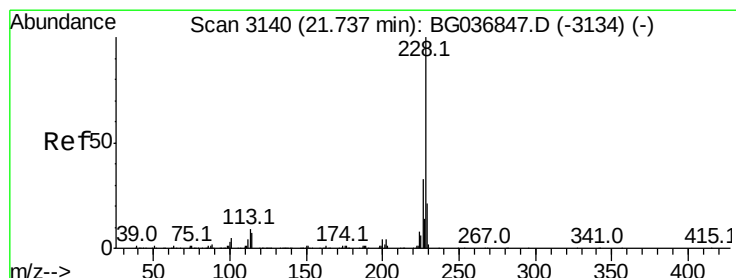
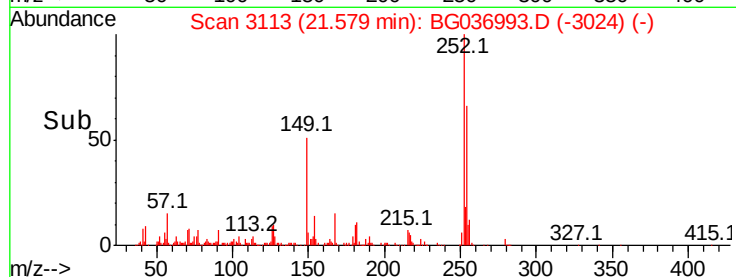
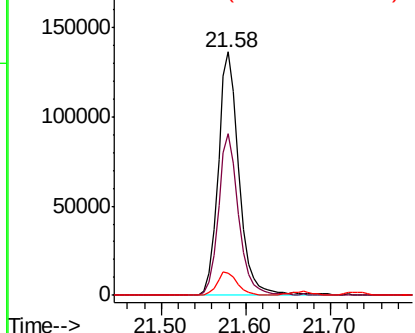
#81
 3,3'-Dichlorobenzidine
 Concen: 36.299 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.0	76.4
126	9.3	7.4	11.0

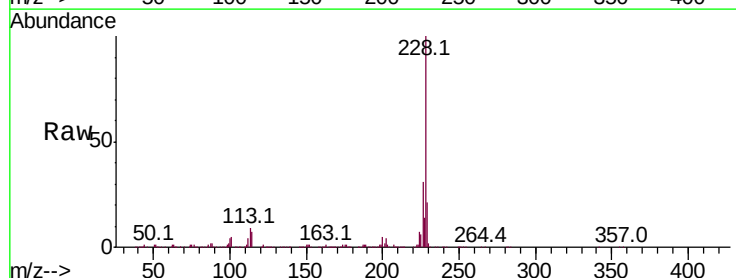


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

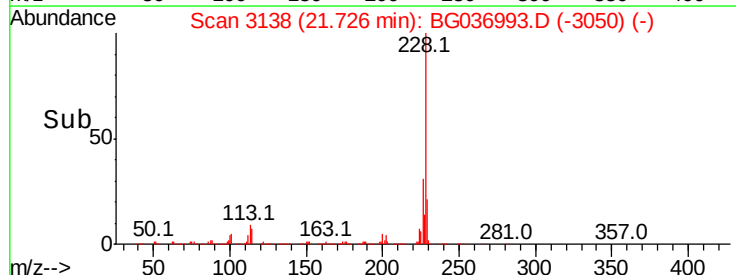
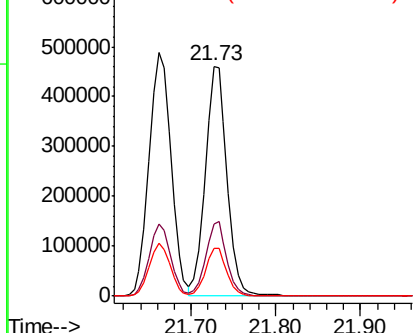


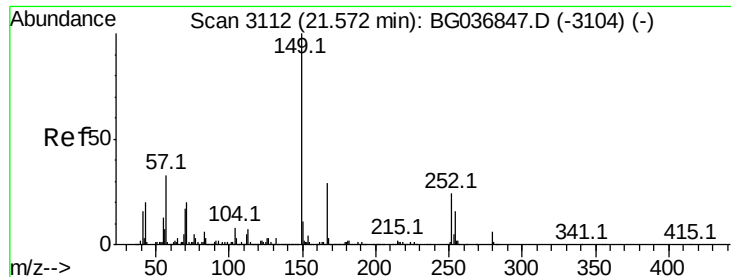
#82
 Chrysene
 Concen: 50.471 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	21.0	16.9	25.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.546 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

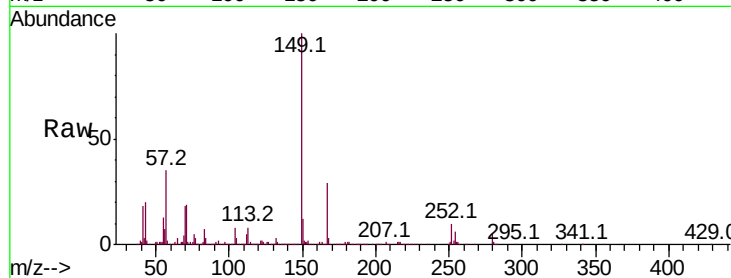
Tot Ion:149 Resp: 490728

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	5.3	4.6	7.0

149 100

167 29.0 23.4 35.0

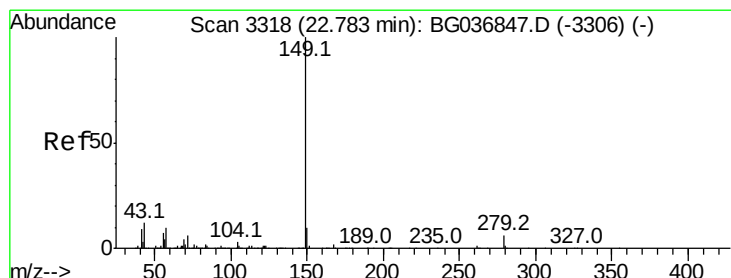
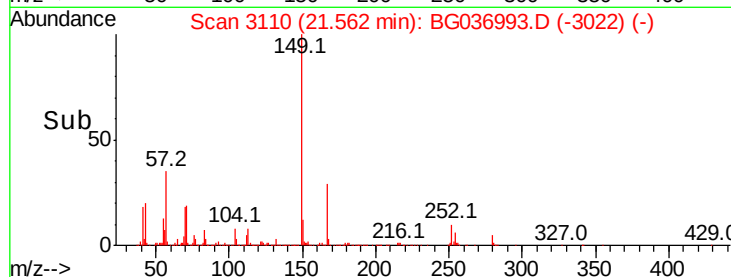
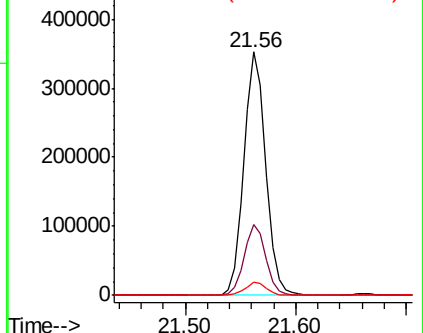
279 5.3 4.6 7.0



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: 51.988 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

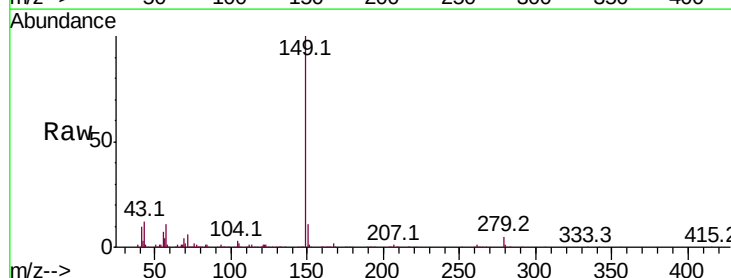
Tgt Ion:149 Resp: 831009

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.4	10.0	15.0

149 100

167 1.7 1.3 1.9

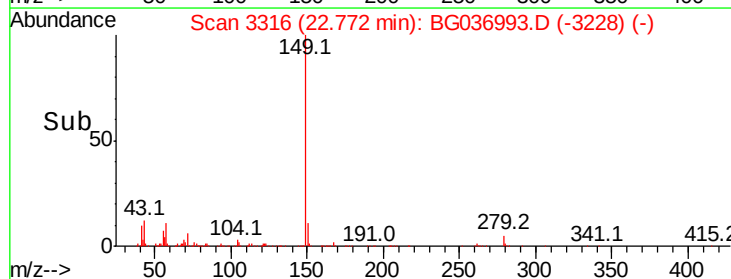
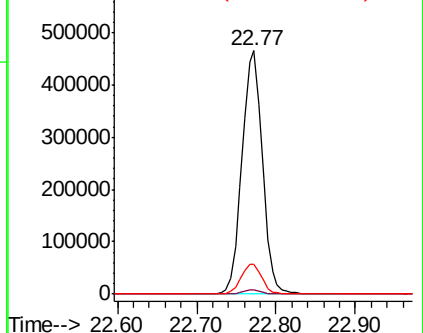
43 12.4 10.0 15.0

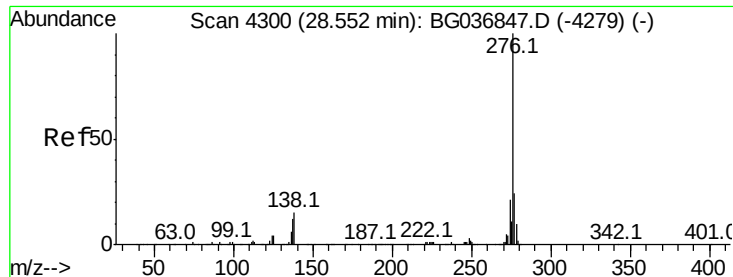


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

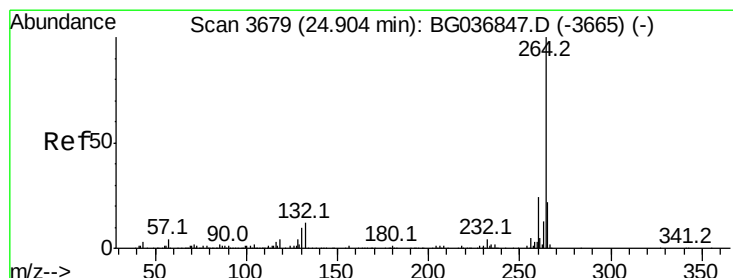
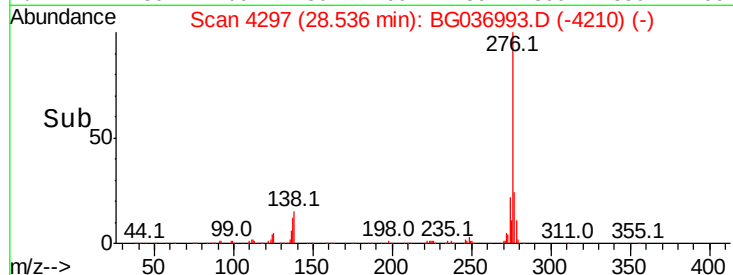
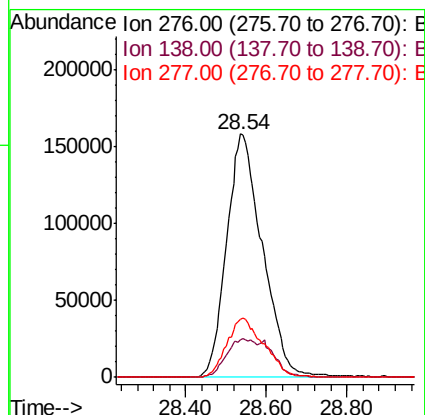
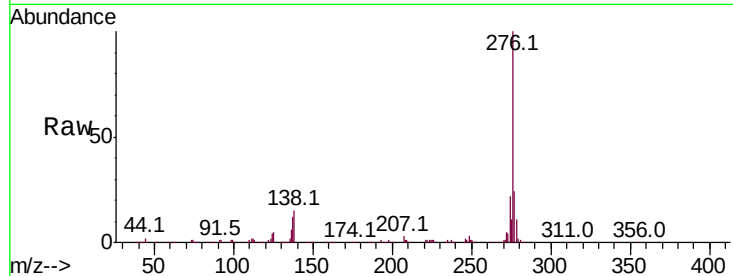




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.467 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

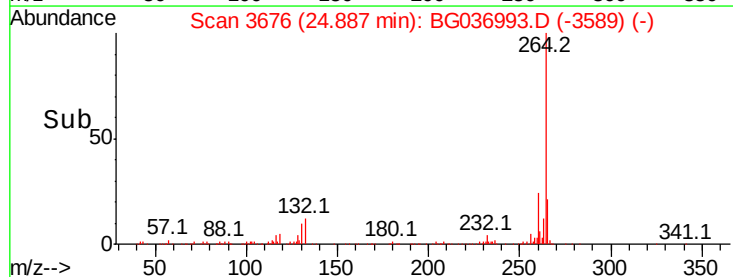
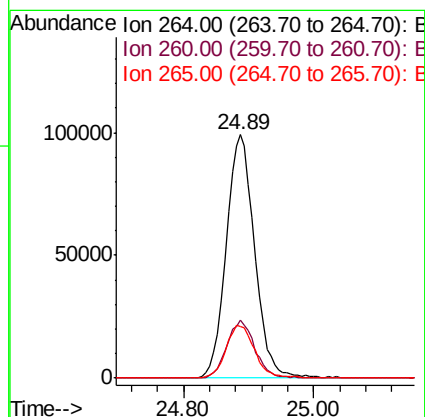
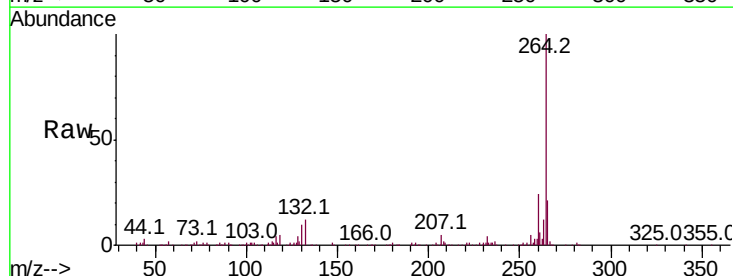
Instrument :
 BNA_G
 ClientSampleId :

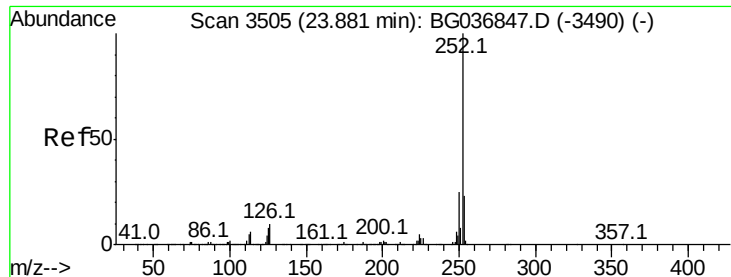
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.6	15.8
277	25.2	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.3	17.4	26.0

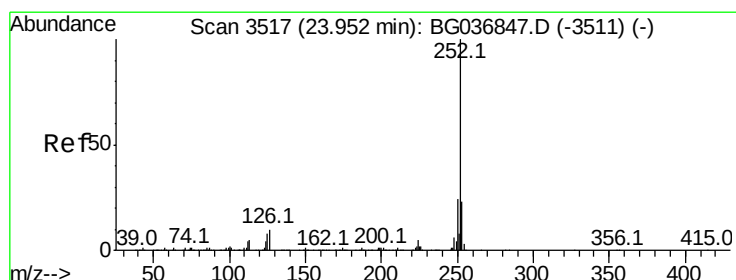
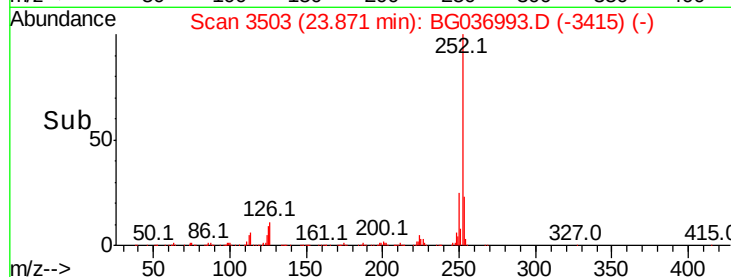
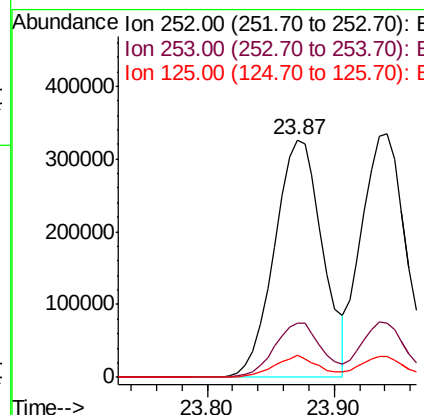
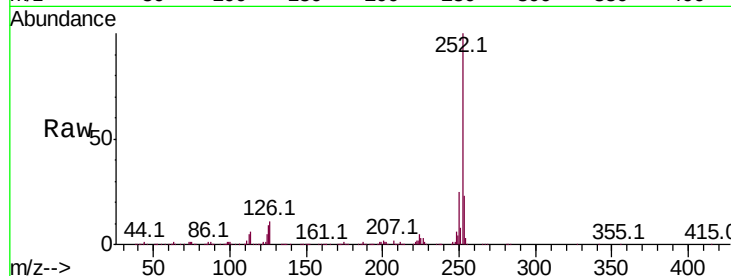




#87
Benzo(b)fluoranthene
Concen: 53.970 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

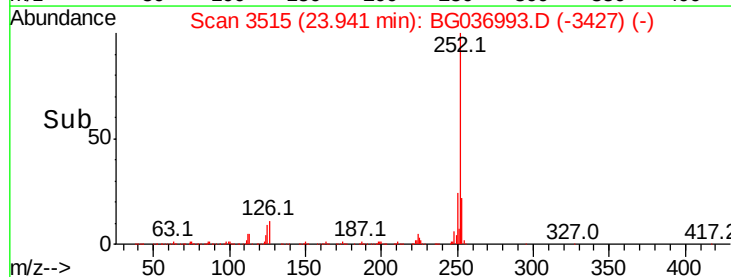
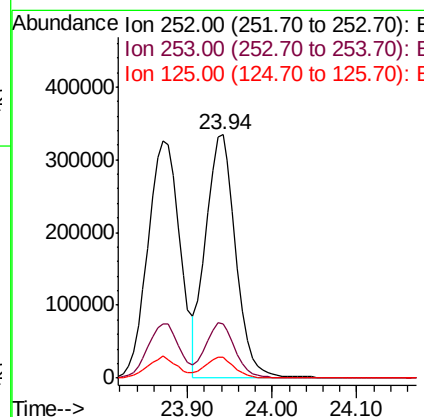
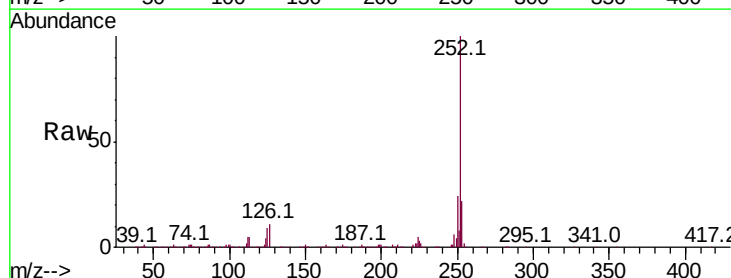
Instrument :
BNA_G
ClientSampleId :

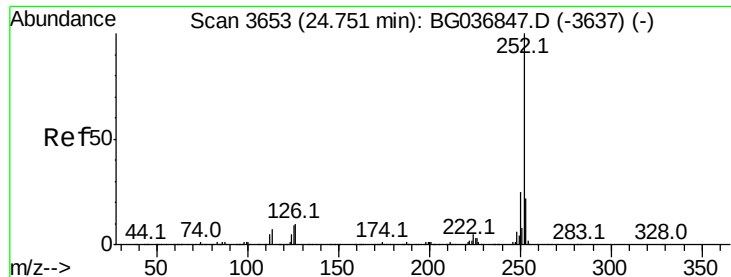
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.4	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 51.541 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	8.5	7.0	10.6

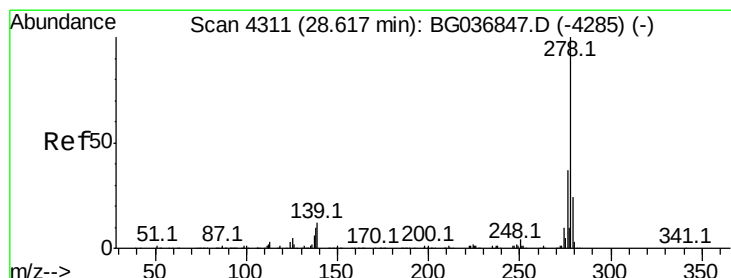
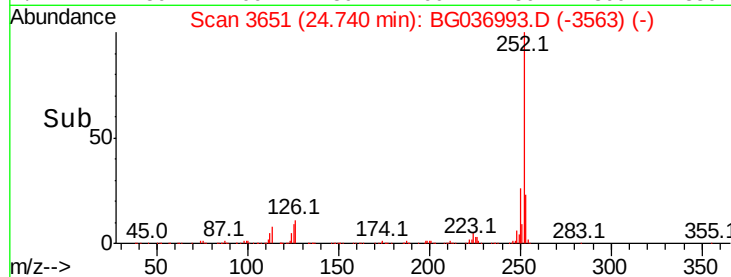
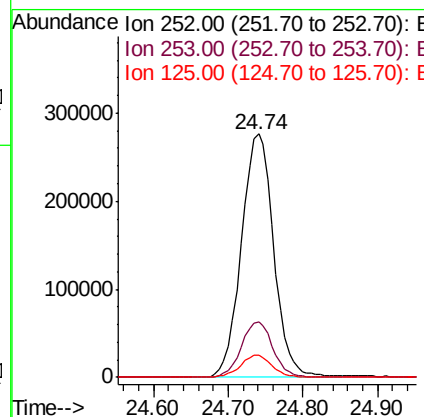
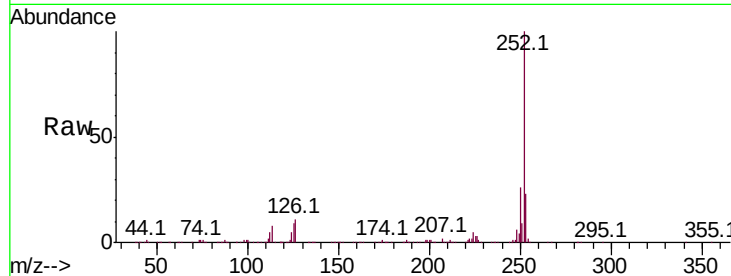




#89
Benzo(a)pyrene
Concen: 53.965 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

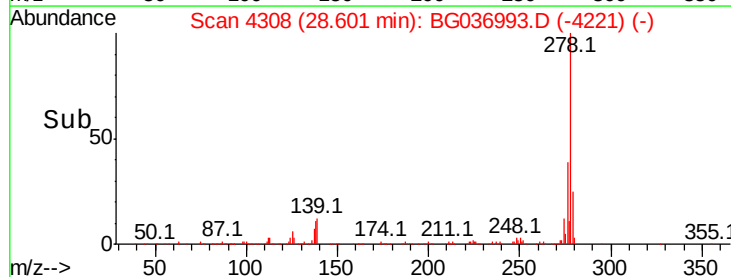
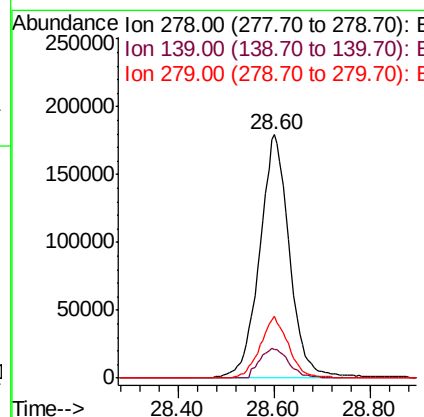
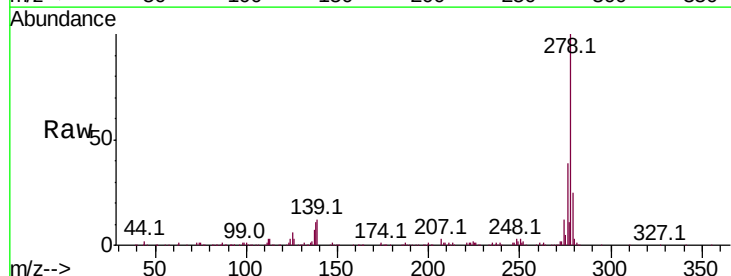
Instrument :
BNA_G
ClientSampleId :

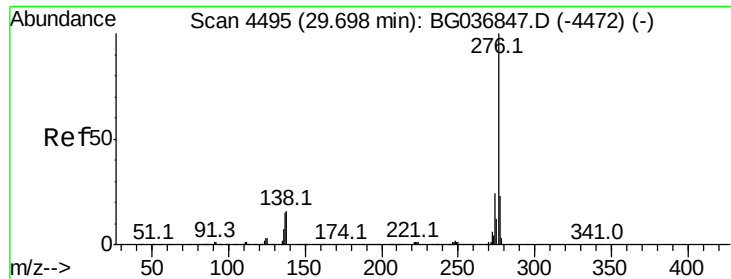
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.0	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 53.645 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.02 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	11.0	16.4
279	25.5	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 55.683 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

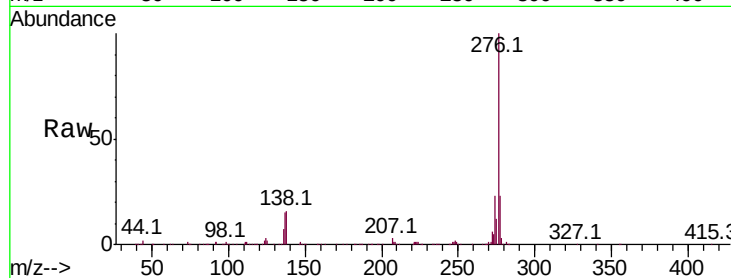
Tot Ion:276 Resp: 807127

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 16.3 14.6 22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

