

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036643.D
 Acq On : 11 Sep 2018 2:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 03:27:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63246	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	288555	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	189017	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	506765	20.00	ng	0.00
75) Chrysene-d12	21.69	240	518393	20.00	ng	0.00
86) Perylene-d12	24.89	264	548041	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	311706	78.18	ng	0.00
7) Phenol-d6	7.21	99	450535	78.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	437408	82.25	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	203972	90.44	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1010743	76.35	ng	0.00
78) Terphenyl-d14	20.03	244	1630069	73.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	66698	35.846	ng	95
3) Pyridine	3.93	79	195289	37.391	ng	98
4) n-Nitrosodimethylamine	3.84	42	84624	36.377	ng	92
6) Aniline	7.38	93	267009	36.850	ng	97
8) 2-Chlorophenol	7.62	128	167228	38.677	ng	97
9) Benzaldehyde	7.19	77	143979	36.627	ng	97
10) Phenol	7.24	94	233990	39.169	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	175877	37.136	ng	98
12) 1,3-Dichlorobenzene	7.94	146	188680	38.217	ng	98
13) 1,4-Dichlorobenzene	8.09	146	193546	38.829	ng	100
14) 1,2-Dichlorobenzene	8.41	146	181173	38.059	ng	96
15) Benzyl Alcohol	8.29	79	171724	37.317	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329271	34.475	ng	99
17) 2-Methylphenol	8.49	107	152881	38.542	ng	97
18) Hexachloroethane	9.14	117	70132	39.243	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	154202	36.144	ng	97
20) 3+4-Methylphenols	8.82	107	220679	39.848	ng	98
22) Acetophenone	8.88	105	271660	35.852	ng	# 98
24) Nitrobenzene	9.26	77	222983	38.882	ng	97
25) Isophorone	9.78	82	369823	35.004	ng	95
26) 2-Nitrophenol	9.97	139	100897	44.398	ng	95
27) 2,4-Dimethylphenol	10.02	122	154066	36.618	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	234455	36.158	ng	99
29) 2,4-Dichlorophenol	10.50	162	188373	40.852	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	209991	38.929	ng	98
31) Naphthalene	10.91	128	534711	37.069	ng	99
32) Benzoic acid	10.15	122	92114	31.254	ng	96
33) 4-Chloroaniline	11.02	127	253392	38.335	ng	98
34) Hexachlorobutadiene	11.19	225	144251	39.801	ng	97
35) Caprolactam	11.80	113	71944	39.167	ng	# 87
36) 4-Chloro-3-methylphenol	12.13	107	210824	39.349	ng	98
37) 2-Methylnaphthalene	12.51	142	405593	38.428	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	259542	38.801	ng	98
40) Hexachlorocyclopentadiene	12.86	237	125257	35.990	ng	98

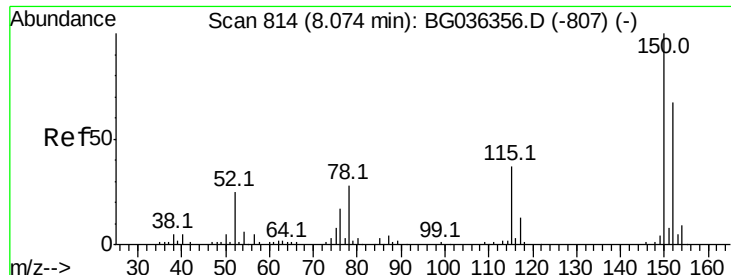
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036643.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	165494	40.615	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	174765	40.212	ng	98
45) 1,1'-Biphenyl	13.51	154	580745	37.014	ng	100
46) 2-Chloronaphthalene	13.56	162	457511	38.196	ng	99
47) 2-Nitroaniline	13.76	65	157699	41.927	ng	98
48) Acenaphthylene	14.40	152	702078	37.505	ng	100
49) Dimethylphthalate	14.13	163	592263	38.373	ng	99
50) 2,6-Dinitrotoluene	14.25	165	131456	41.391	ng	98
51) Acenaphthene	14.75	154	440113	36.710	ng	99
52) 3-Nitroaniline	14.58	138	146933	42.931	ng	100
53) 2,4-Dinitrophenol	14.78	184	28657	23.822	ng	97
54) Dibenzofuran	15.08	168	721820	38.430	ng	99
55) 4-Nitrophenol	14.88	139	96917	34.634	ng	99
56) 2,4-Dinitrotoluene	15.03	165	192839	46.588	ng	92
57) Fluorene	15.73	166	535432	38.133	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	176083	43.122	ng	95
59) Diethylphthalate	15.49	149	608716	39.134	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	339875	39.200	ng	97
61) 4-Nitroaniline	15.75	138	150836	42.116	ng	96
62) Azobenzene	16.01	77	572493	36.174	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	84001	37.734	ng	97
65) n-Nitrosodiphenylamine	15.93	169	540298	35.882	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	224999	37.922	ng	99
67) Hexachlorobenzene	16.73	284	236966	39.059	ng	99
68) Atrazine	16.87	200	179946	31.838	ng	99
69) Pentachlorophenol	17.07	266	185749	45.049	ng	98
70) Phenanthrene	17.47	178	951119	36.936	ng	98
71) Anthracene	17.56	178	948136	36.938	ng	98
72) Carbazole	17.83	167	926446	36.140	ng	99
73) Di-n-butylphthalate	18.38	149	1027391	35.991	ng	99
74) Fluoranthene	19.47	202	1152197	36.700	ng	98
76) Benzidine	19.65	184	510854	30.888	ng	99
77) Pyrene	19.83	202	1170113	36.706	ng	99
79) Butylbenzylphthalate	20.72	149	471020	37.128	ng	93
80) Benzo(a)anthracene	21.67	228	1153763	36.738	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	441415	35.267	ng	99
82) Chrysene	21.74	228	1104261	37.096	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	644172	36.285	ng	100
84) Di-n-octyl phthalate	22.78	149	1066179	35.955	ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1140261	32.979	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	1114722	36.629	ng	97
88) Benzo(k)fluoranthene	23.95	252	1137496	38.259	ng	98
89) Benzo(a)pyrene	24.75	252	1085228	37.110	ng	99
90) Dibenzo(a,h)anthracene	28.61	278	907021	32.128	ng	98
91) Benzo(g,h,i)perylene	29.68	276	942191	33.210	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

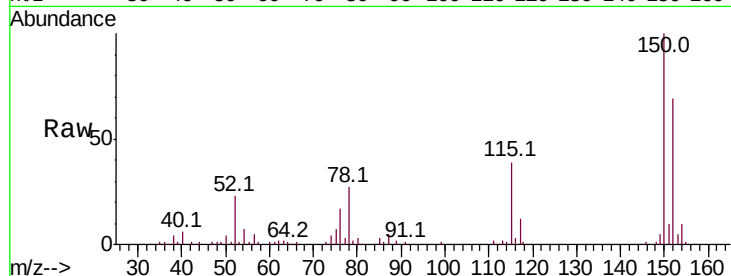
Tot Ion:152 Resp: 63246

Ion Ratio Lower Upper

152 100

150 145.8 119.5 179.3

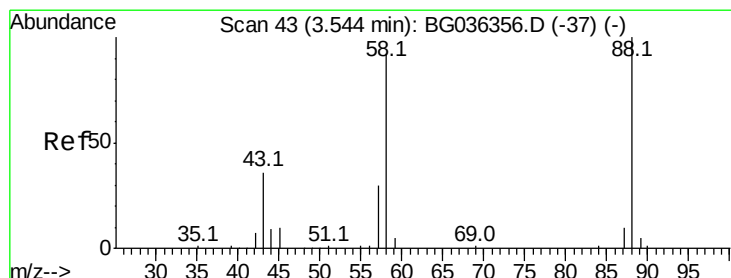
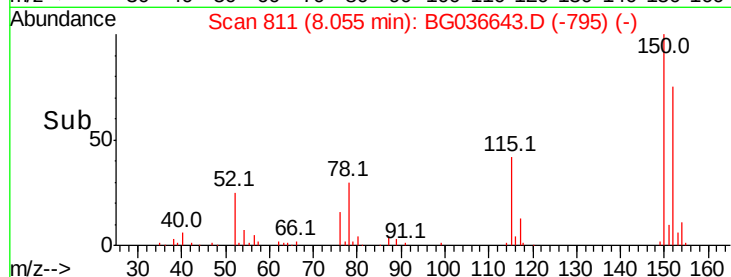
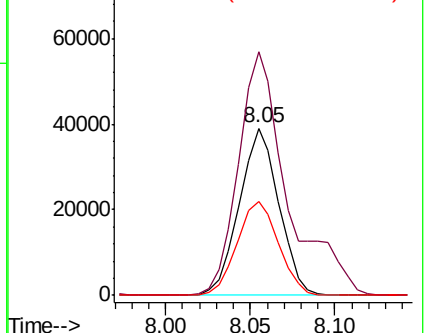
115 56.5 44.5 66.7



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: 35.846 ng

RT: 3.54 min Scan# 42

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

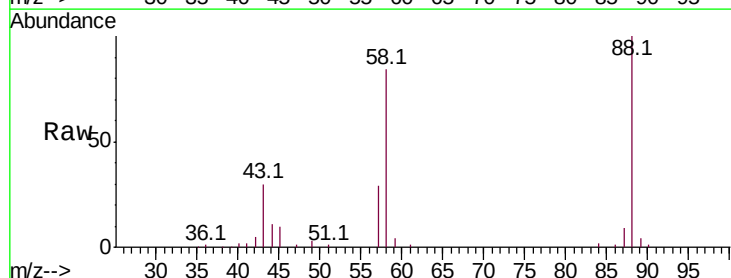
Tgt Ion: 88 Resp: 66698

Ion Ratio Lower Upper

88 100

58 87.8 72.6 109.0

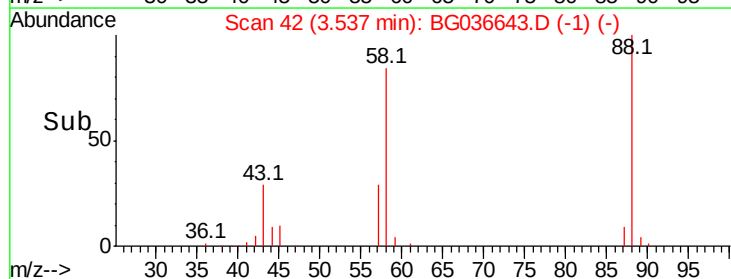
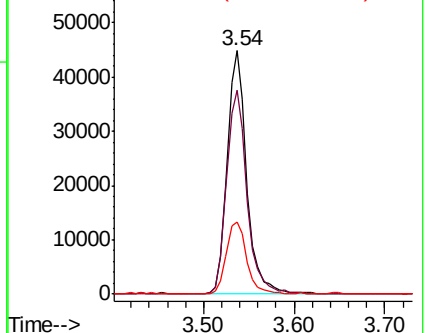
43 31.1 29.0 43.4

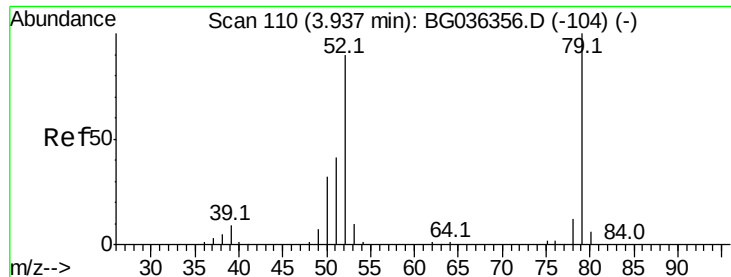


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.391 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

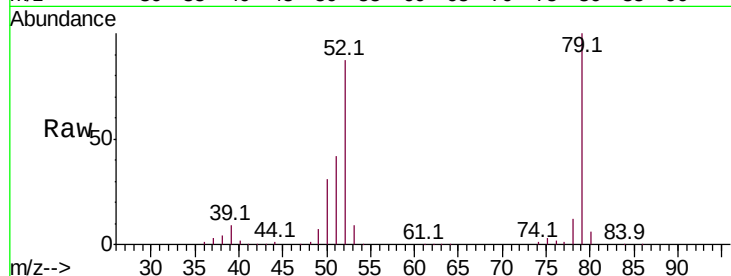
Tot Ion: 79 Resp: 195289

Ion Ratio Lower Upper

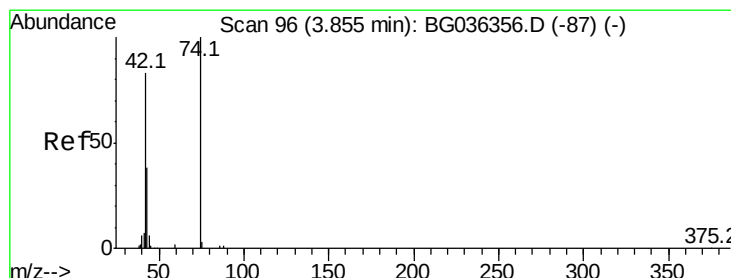
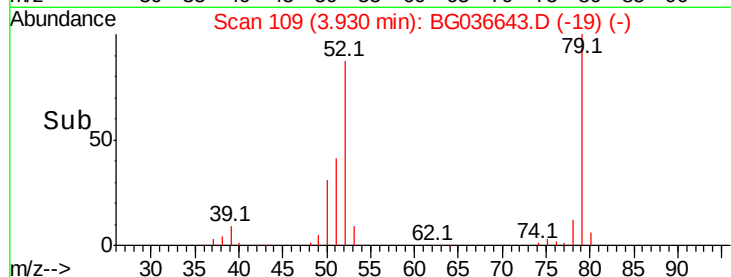
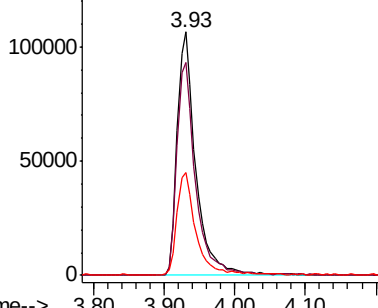
79 100

52 87.3 72.3 108.5

51 42.1 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: 36.377 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

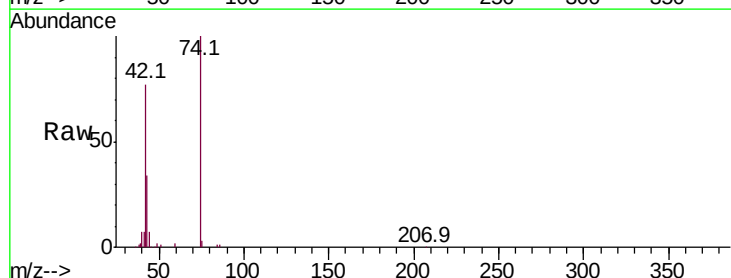
Tgt Ion: 42 Resp: 84624

Ion Ratio Lower Upper

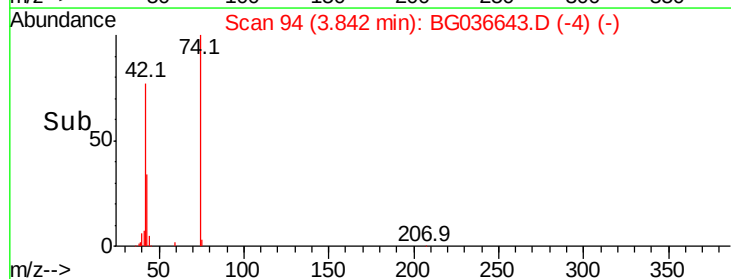
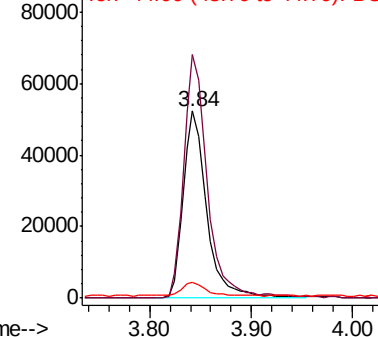
42 100

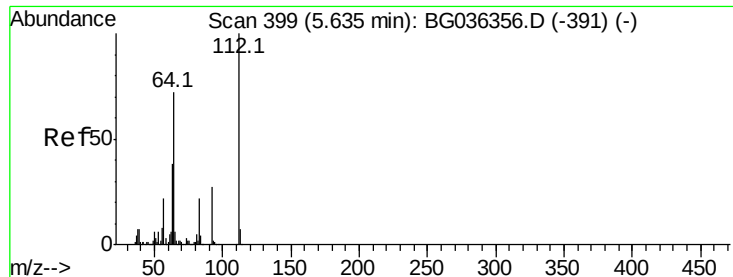
74 130.0 96.6 145.0

44 8.5 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: 78.180 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

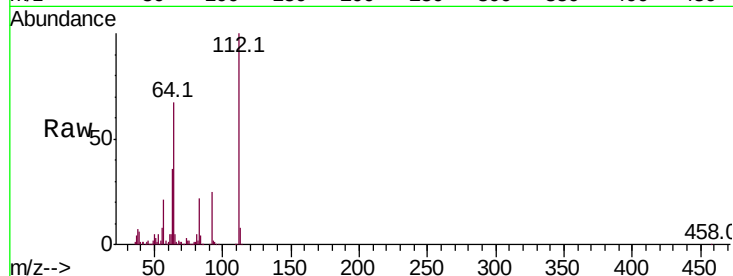
Tot Ion:112 Resp: 311706

Ion Ratio Lower Upper

112 100

64 66.9 57.2 85.8

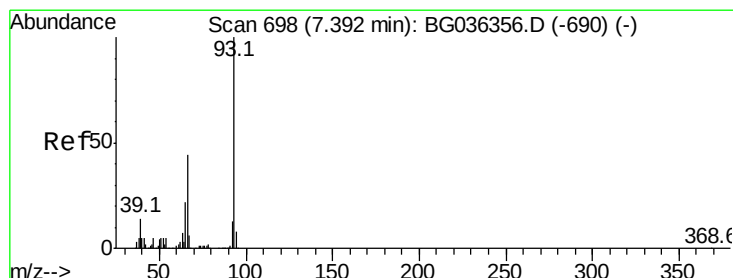
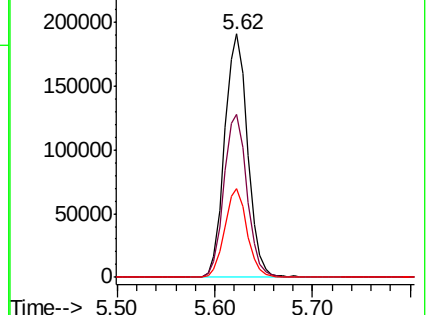
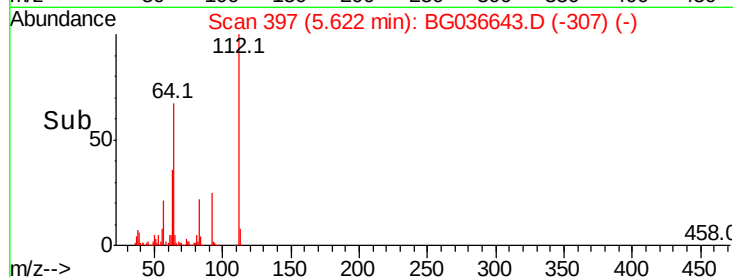
63 36.4 30.8 46.2



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: 36.850 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

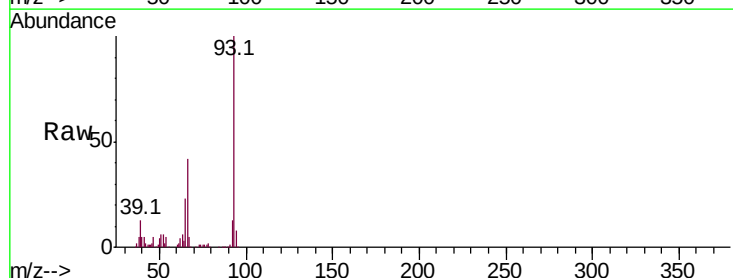
Tgt Ion: 93 Resp: 267009

Ion Ratio Lower Upper

93 100

66 41.6 35.0 52.4

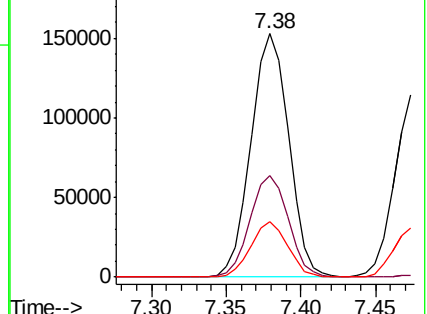
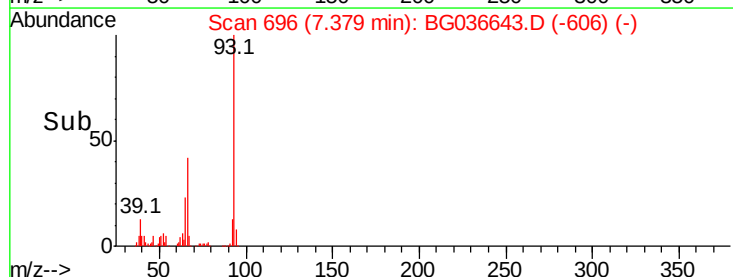
65 22.6 17.6 26.4

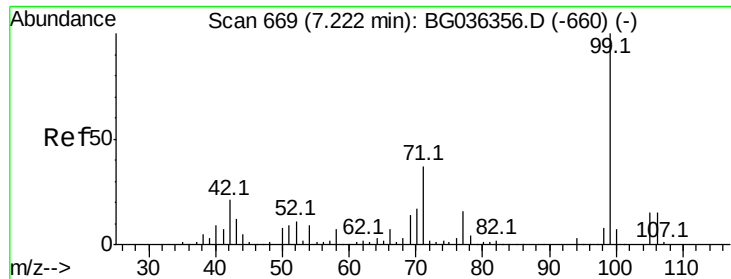


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.924 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

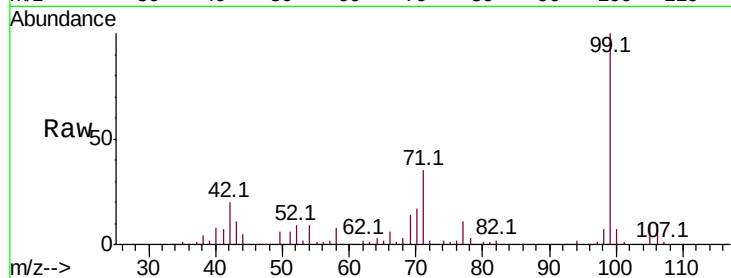
Tot Ion: 99 Resp: 450535

Ion Ratio Lower Upper

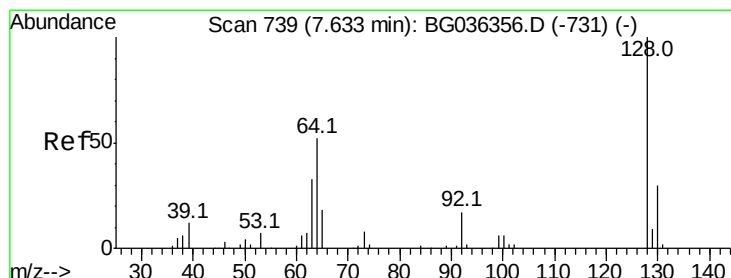
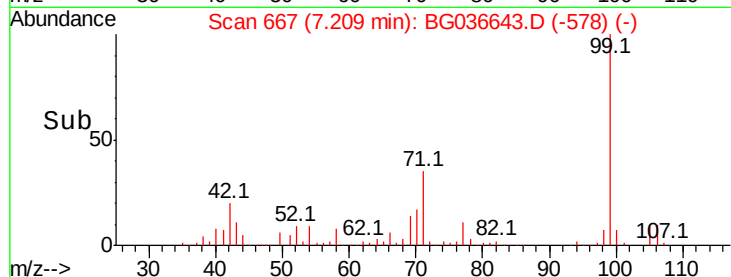
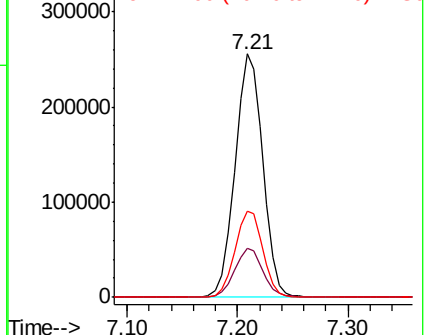
99 100

42 20.3 16.5 24.7

71 35.2 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: 38.677 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

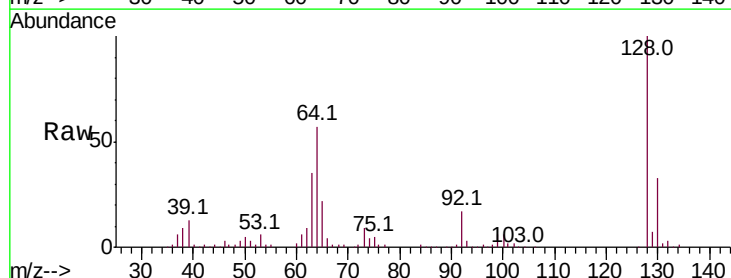
Tgt Ion: 128 Resp: 167228

Ion Ratio Lower Upper

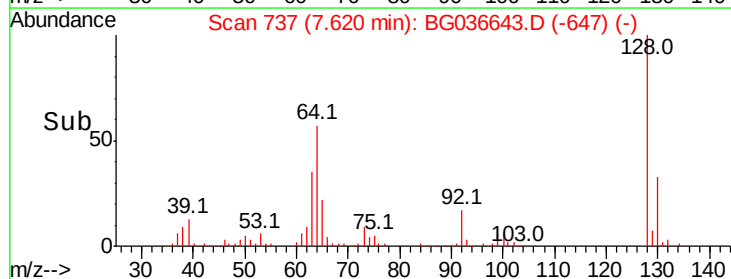
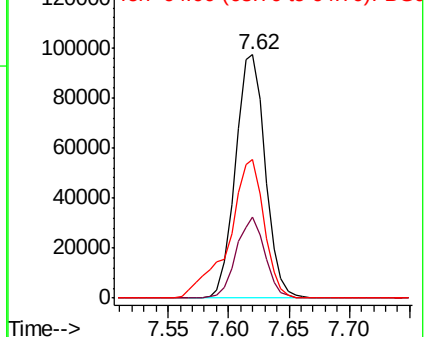
128 100

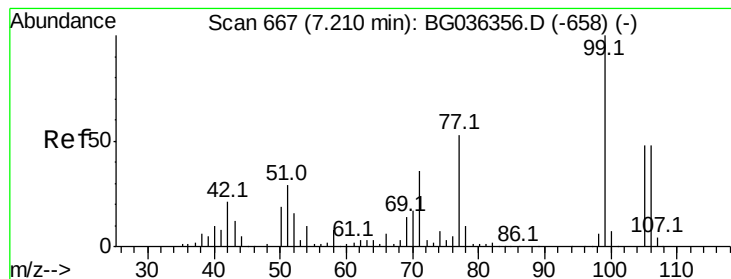
130 33.2 10.0 50.0

64 57.0 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: 36.627 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampled :

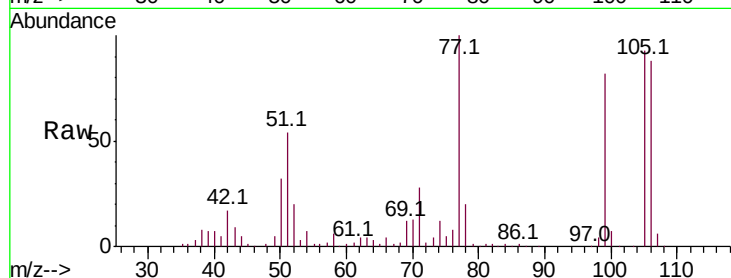
Tot Ion: 77 Resp: 143979

Ion Ratio Lower Upper

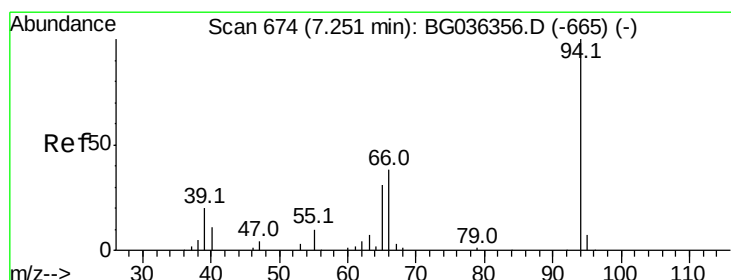
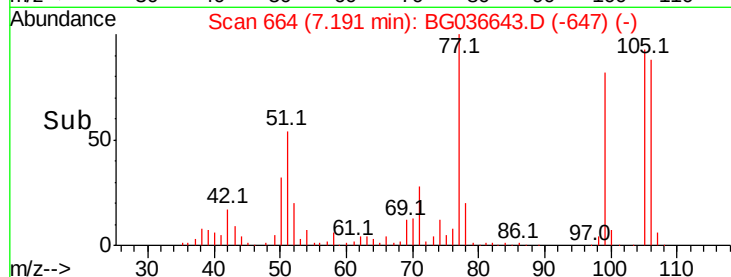
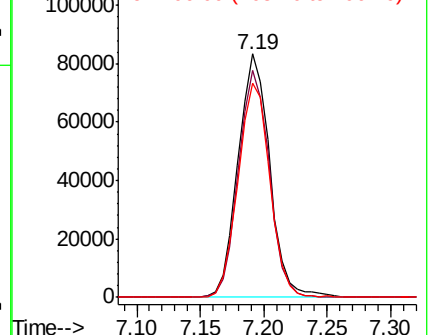
77 100

105 93.5 70.5 110.5

106 87.9 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.169 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

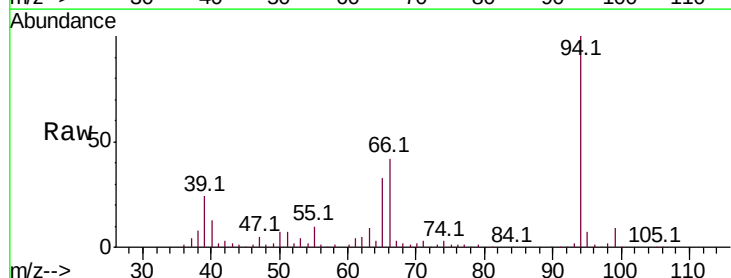
Tgt Ion: 94 Resp: 233990

Ion Ratio Lower Upper

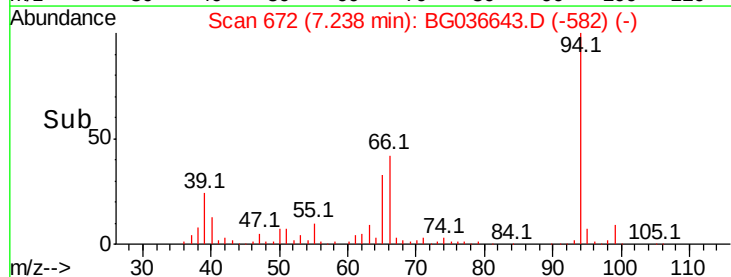
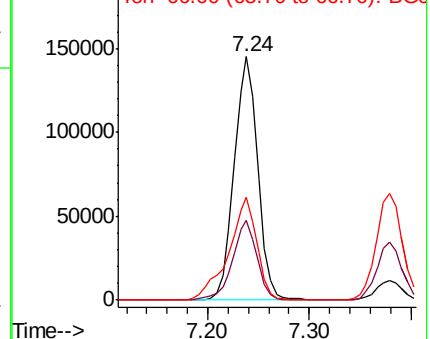
94 100

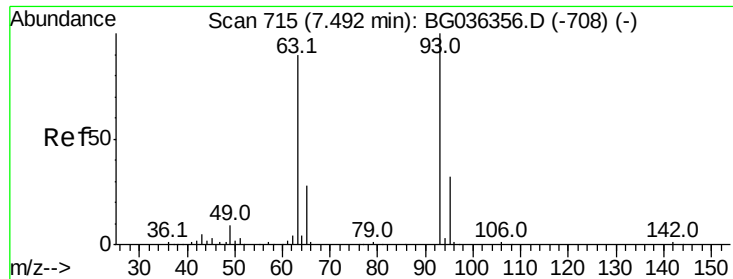
65 32.7 11.5 51.5

66 42.3 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

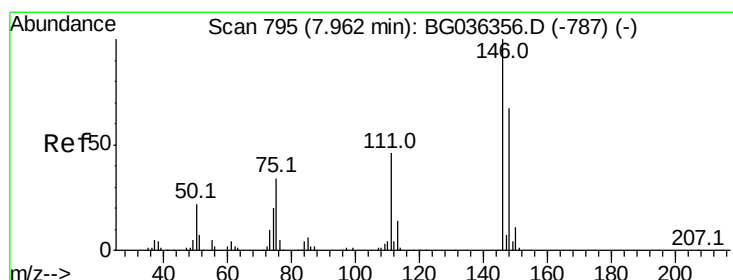
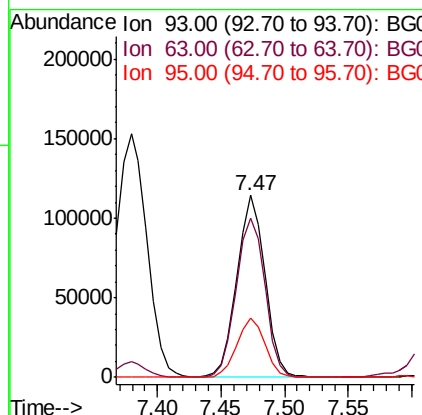
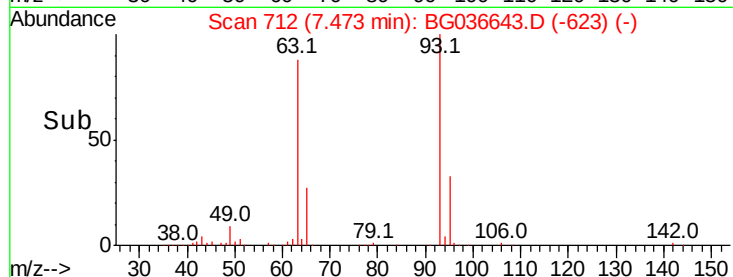
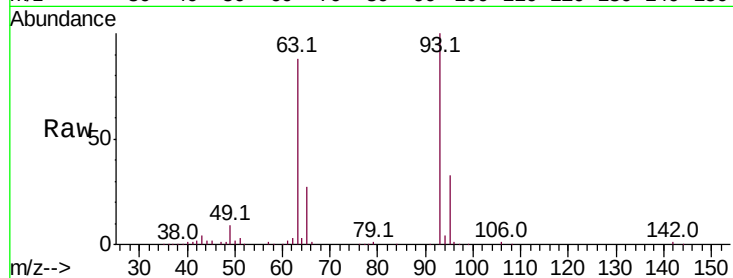




#11
bis(2-Chloroethyl)ether
Concen: 37.136 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

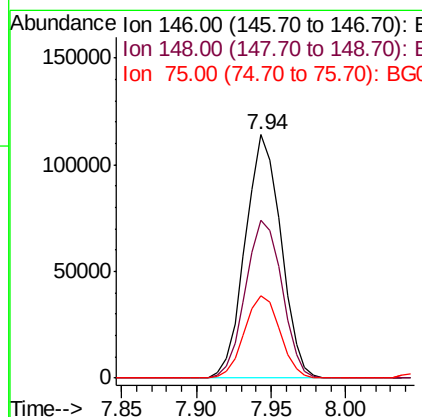
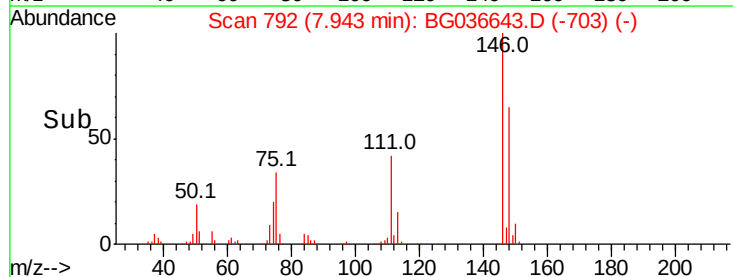
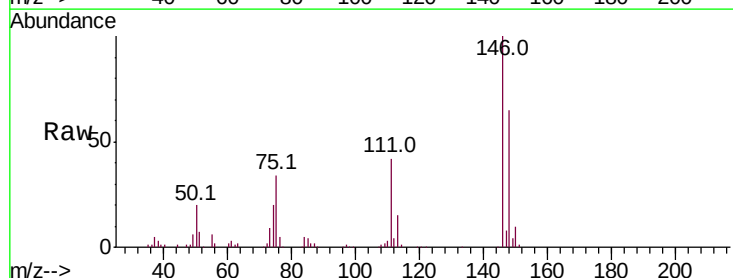
Instrument :
BNA_G
ClientSampleId :

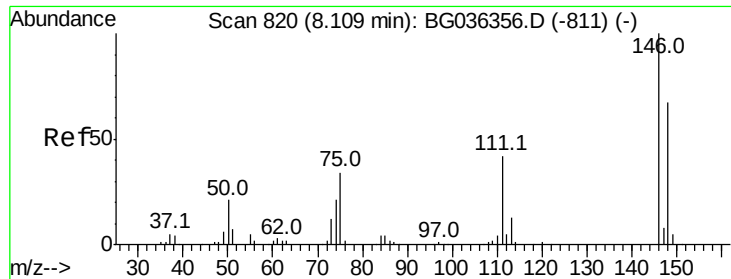
Tot Ion: 93 Resp: 175877
Ion Ratio Lower Upper
93 100
63 87.8 69.9 109.9
95 33.0 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 38.217 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion: 146 Resp: 188680
Ion Ratio Lower Upper
146 100
148 65.0 53.8 80.6
75 33.6 27.2 40.8

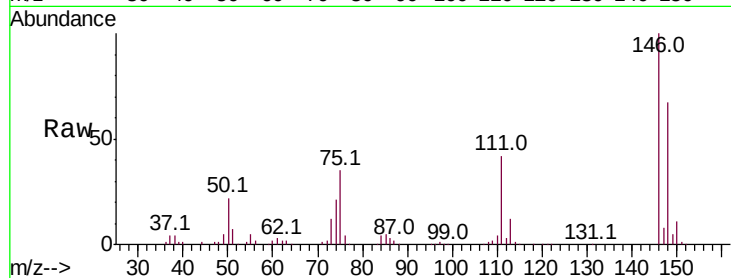




#13
 1,4-Dichlorobenzene
 Concen: 38.829 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.9	80.9
111	42.3	33.8	50.6

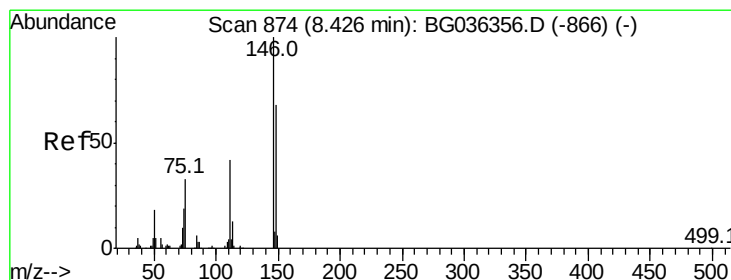
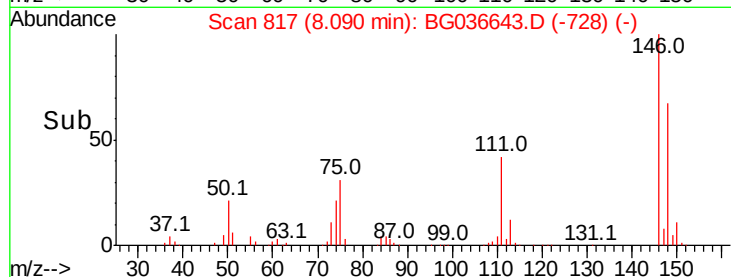
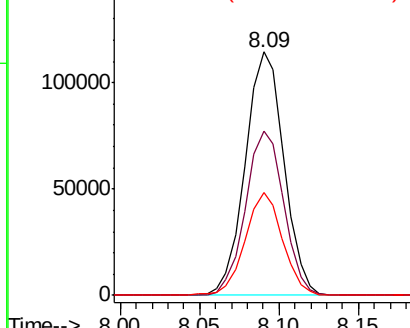


Abundance

Ion 146.00 (145.70 to 146.70): E

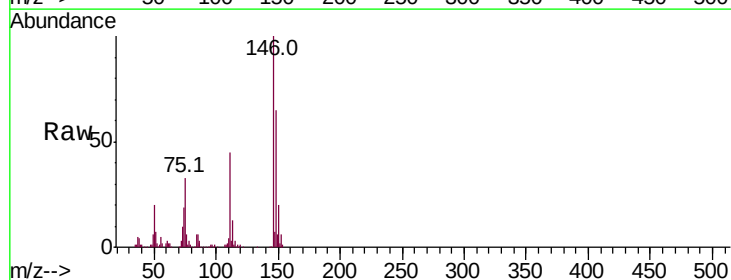
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.059 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	55.0	82.6
111	44.9	34.6	51.8

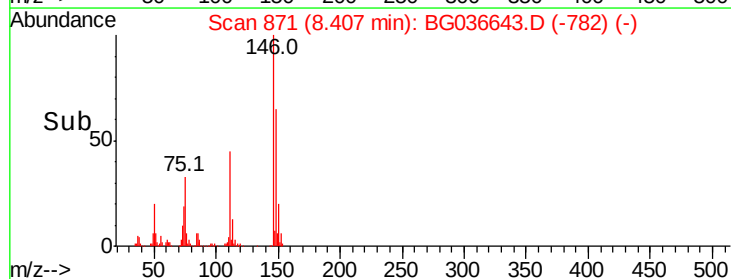
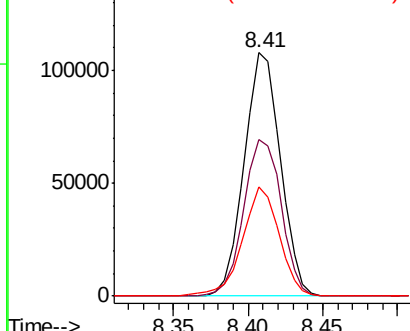


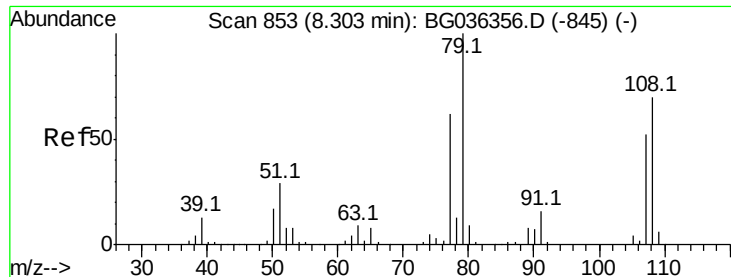
Abundance

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: 37.317 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

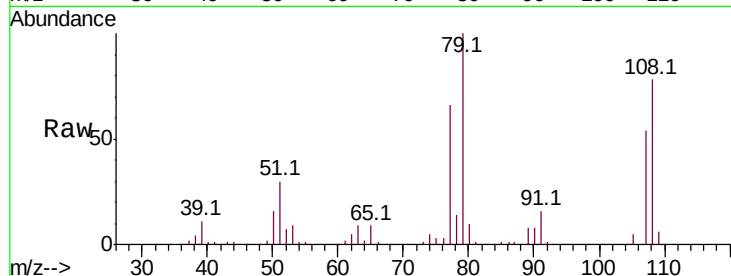
Tot Ion: 79 Resp: 171724

Ion Ratio Lower Upper

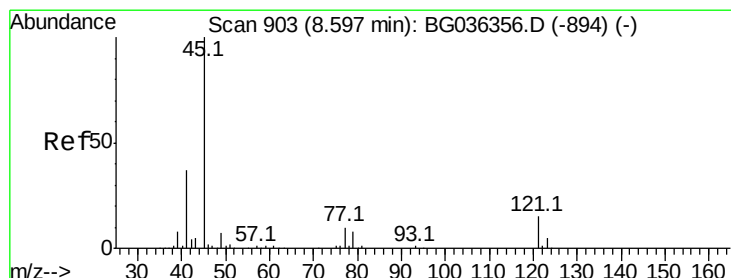
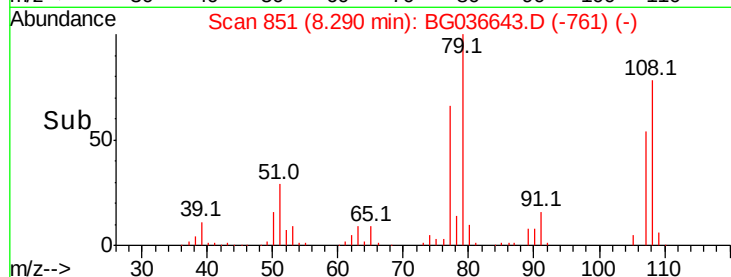
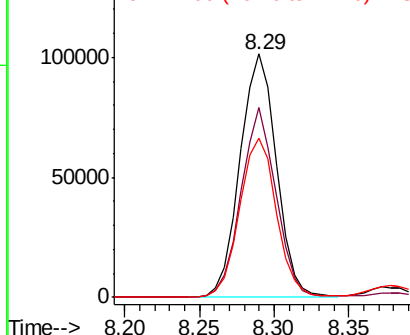
79 100

108 77.8 55.9 83.9

77 65.5 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: 34.475 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

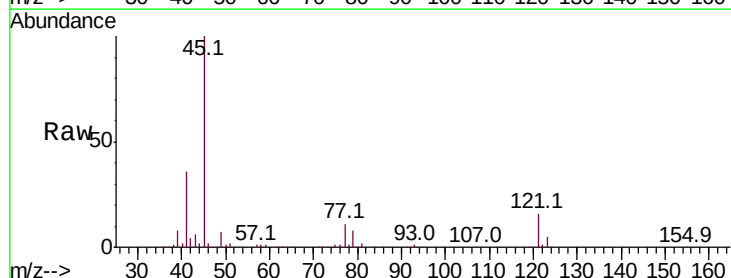
Tgt Ion: 45 Resp: 329271

Ion Ratio Lower Upper

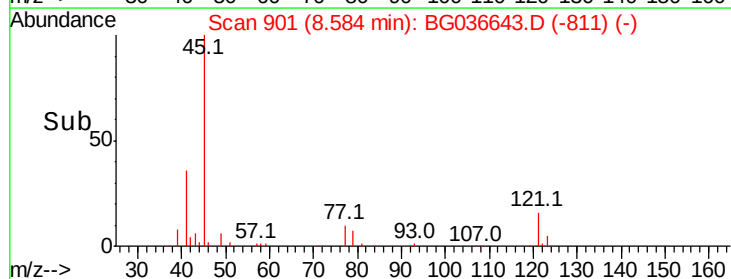
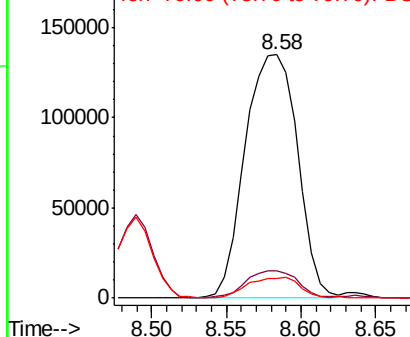
45 100

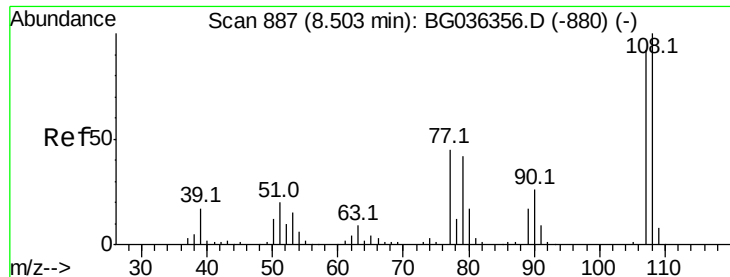
77 11.0 0.0 30.5

79 8.2 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

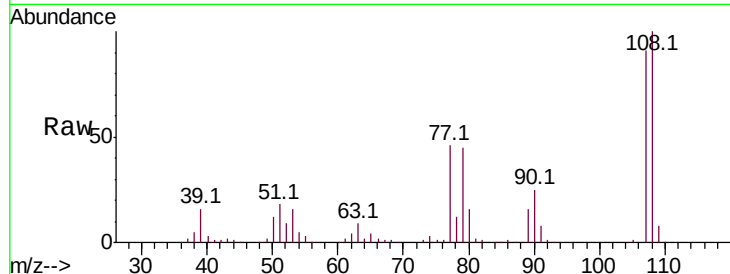




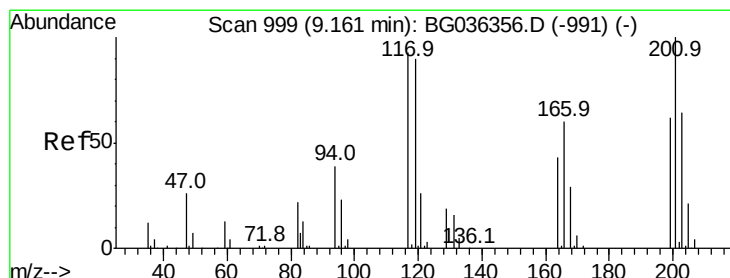
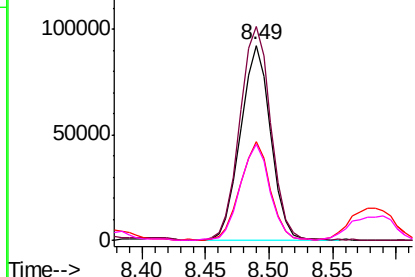
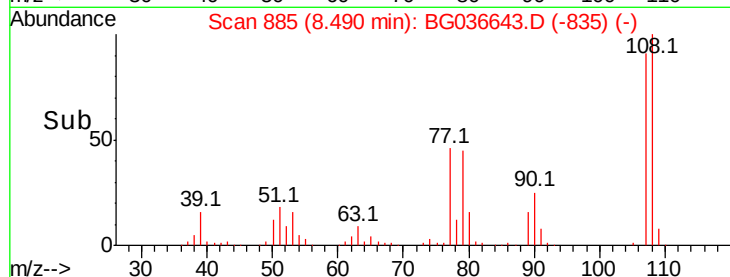
#17
 2-Methylphenol
 Concen: 38.542 ng
 RT: 8.49 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	107	Resp:	152881
Ion	Ratio	Lower	Upper
107	100		
108	109.7	86.7	130.1
77	50.6	39.0	58.4
79	49.1	36.6	54.8

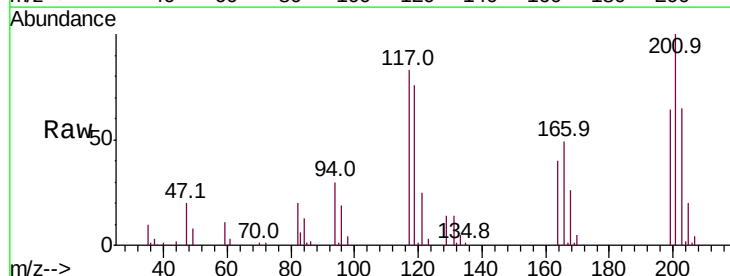


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

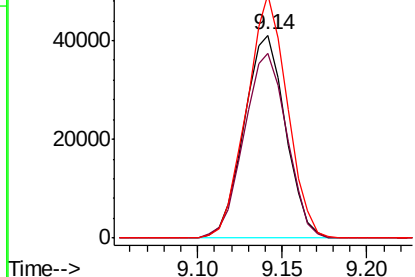
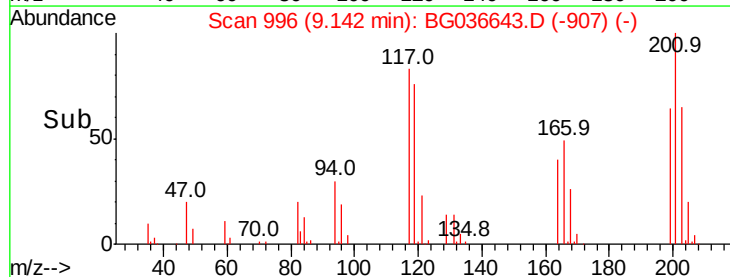


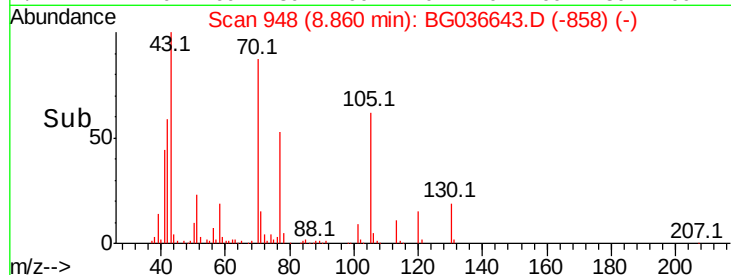
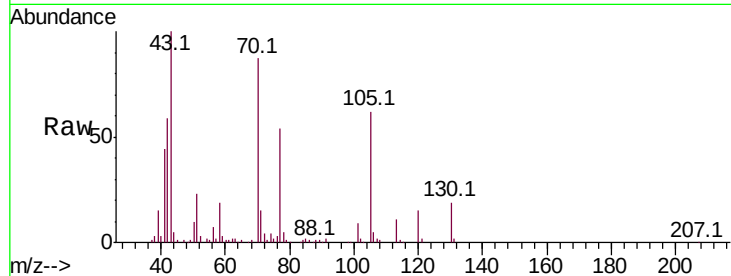
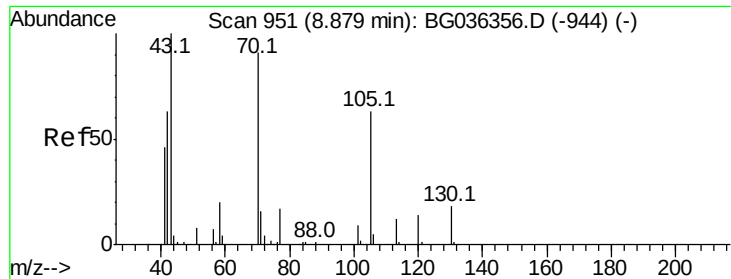
#18
 Hexachloroethane
 Concen: 39.243 ng
 RT: 9.14 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion:	117	Resp:	70132
Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.8	115.2
201	120.1	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

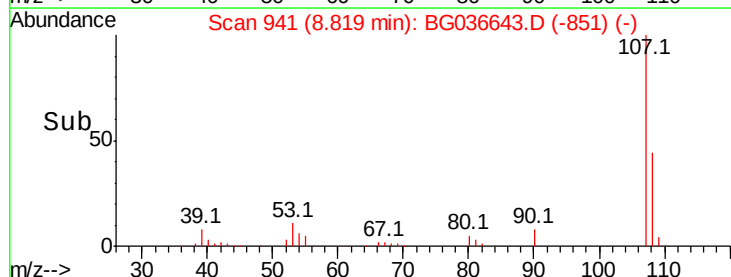
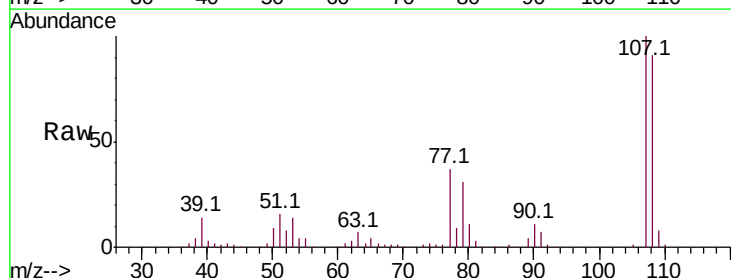
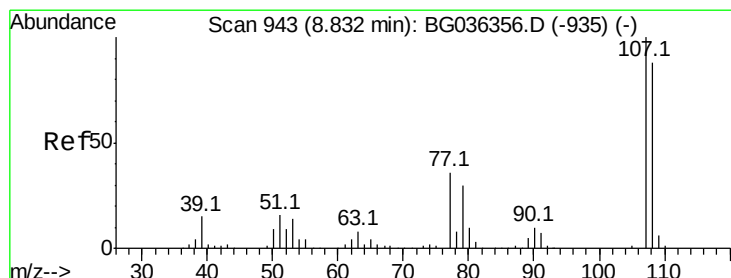
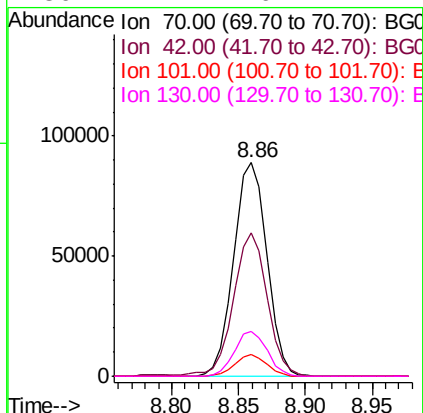




#19
n-Nitroso-di-n-propylamine
Concen: 36.144 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

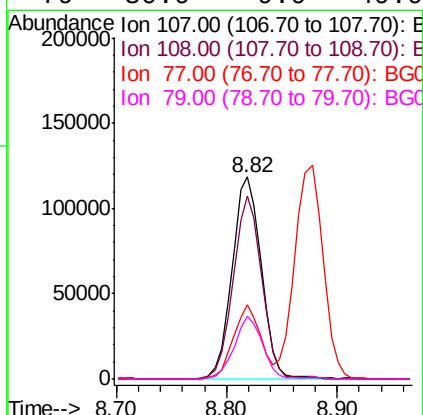
Instrument :
BNA_G
ClientSampleId :

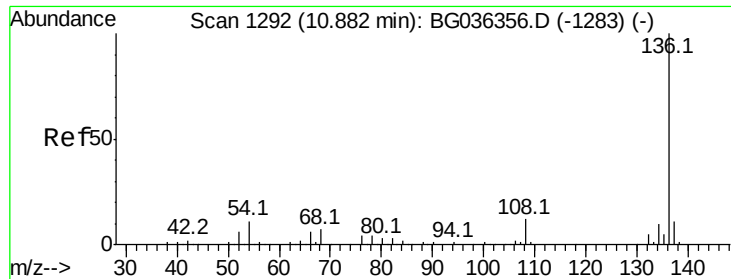
Tot Ion:	70	Resp:	154202
Ion	Ratio	Lower	Upper
70	100		
42	67.0	56.2	84.4
101	10.1	7.8	11.6
130	21.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.848 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:	107	Resp:	220679
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.0	108.0
77	36.7	15.6	55.6
79	30.9	9.9	49.9

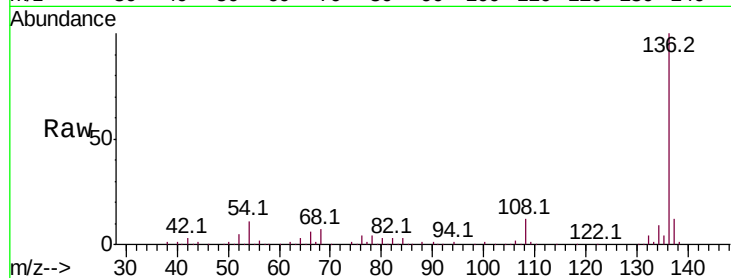




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	288555
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.7	9.2	13.8
68	7.2	5.8	8.6



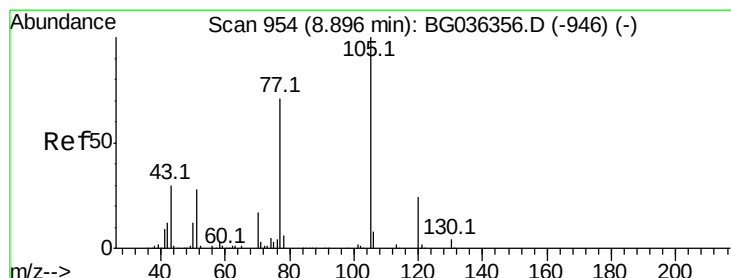
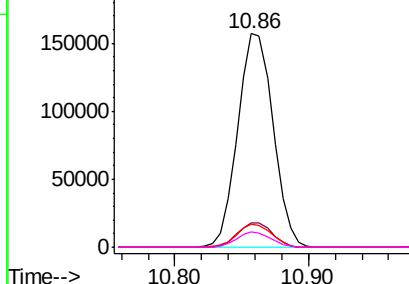
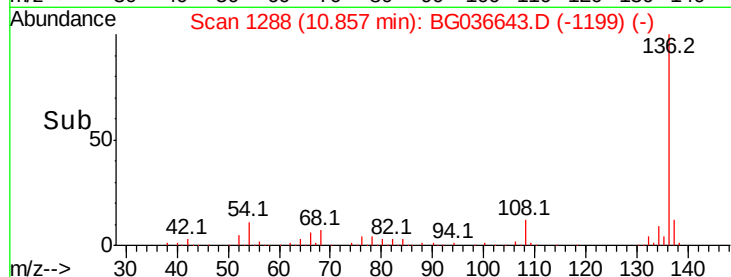
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

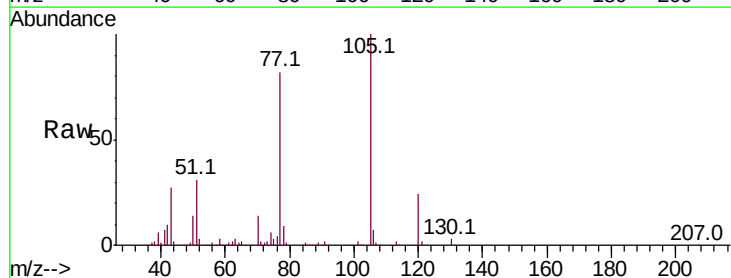
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 35.852 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:	105	Resp:	271660
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.4	3.6#
51	31.4	25.9	38.9
120	23.6	19.4	29.0



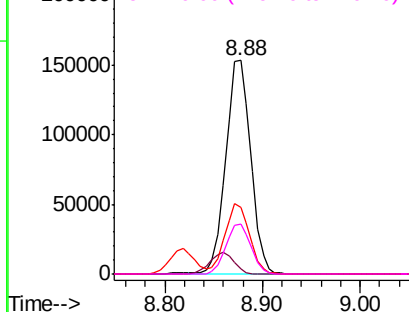
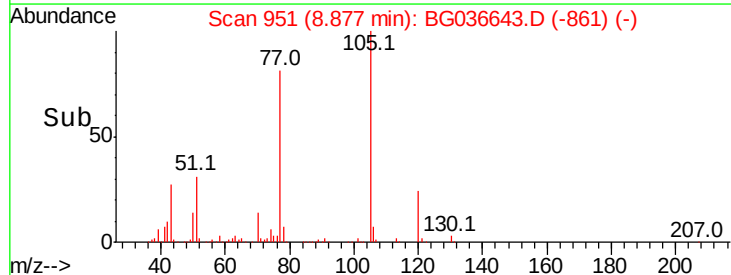
Abundance

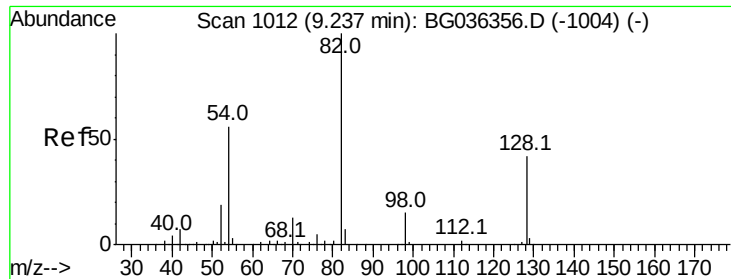
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

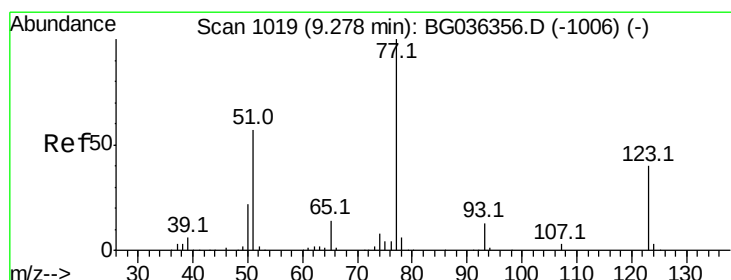
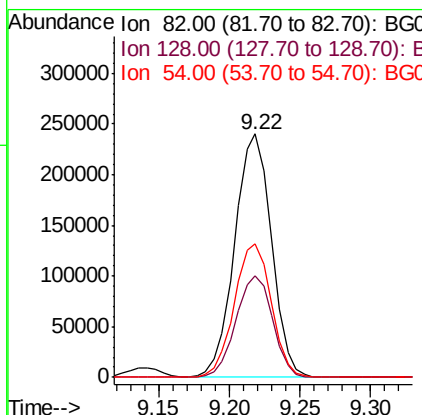
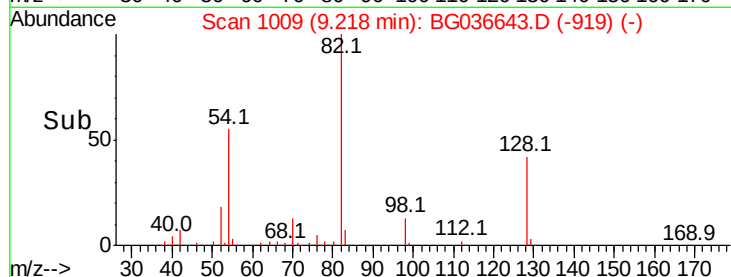
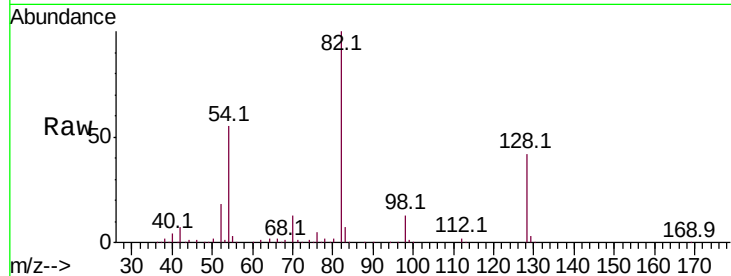




#23
Nitrobenzene-d5
Concen: 82.245 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

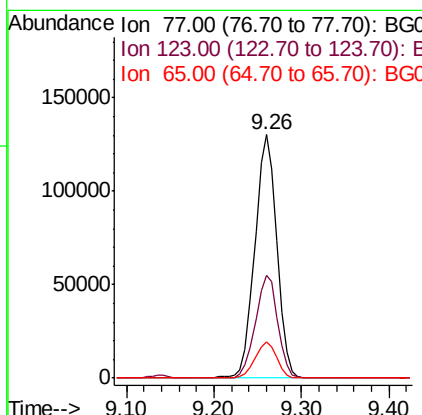
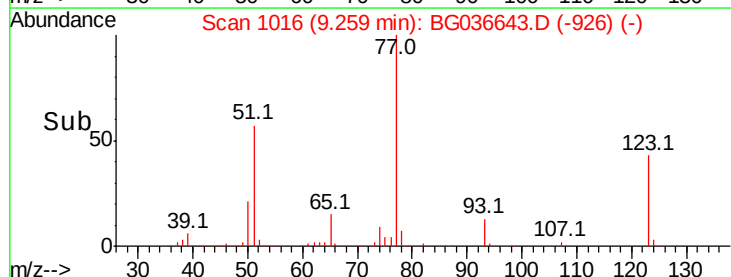
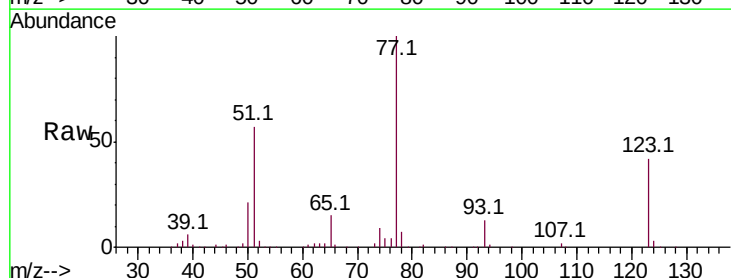
Instrument :
BNA_G
ClientSampleId :

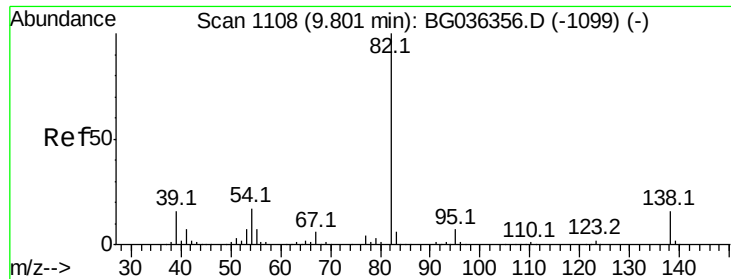
Tot Ion: 82 Resp: 437408
Ion Ratio Lower Upper
82 100
128 41.8 33.3 49.9
54 55.1 45.1 67.7



#24
Nitrobenzene
Concen: 38.882 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion: 77 Resp: 222983
Ion Ratio Lower Upper
77 100
123 42.4 32.4 48.6
65 14.8 11.5 17.3

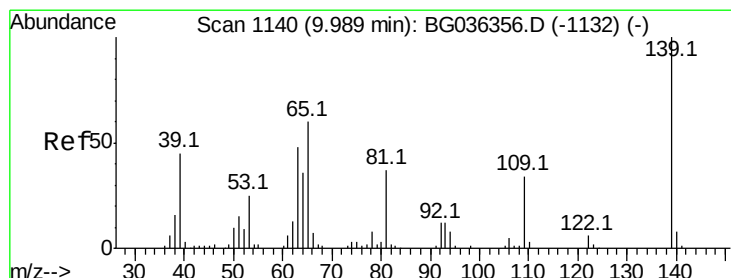
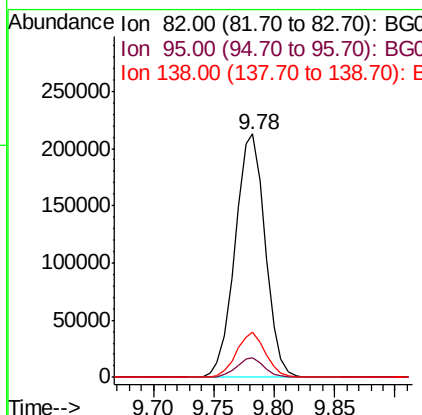
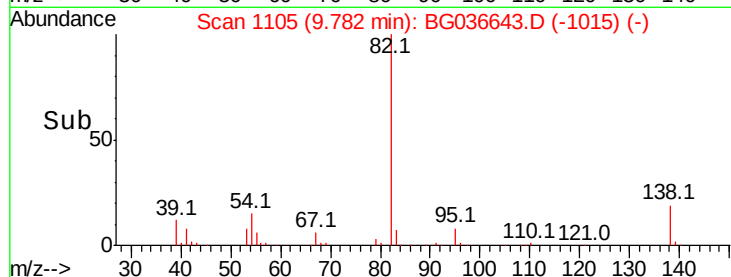
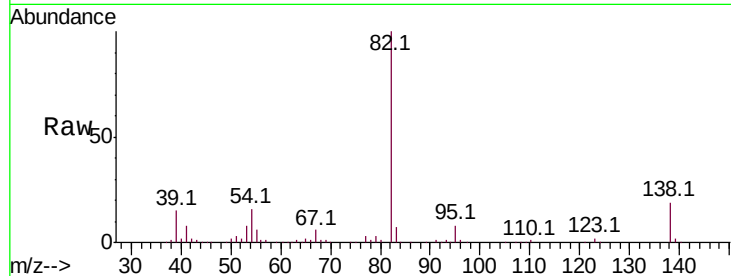




#25
Isophorone
Concen: 35.004 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

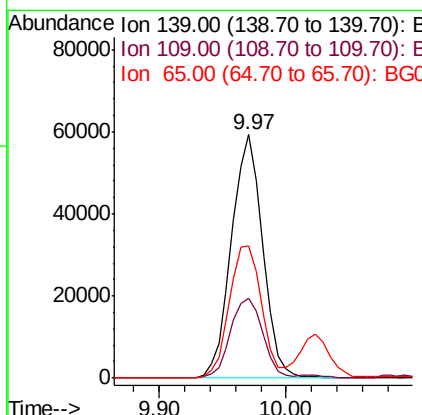
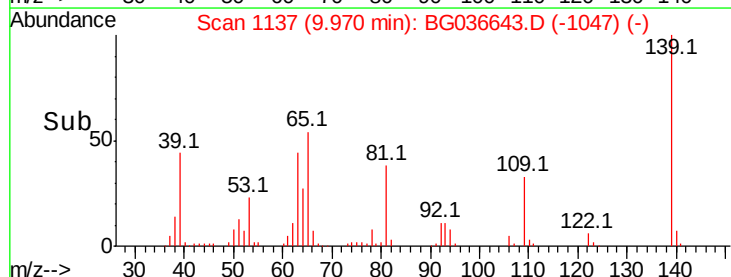
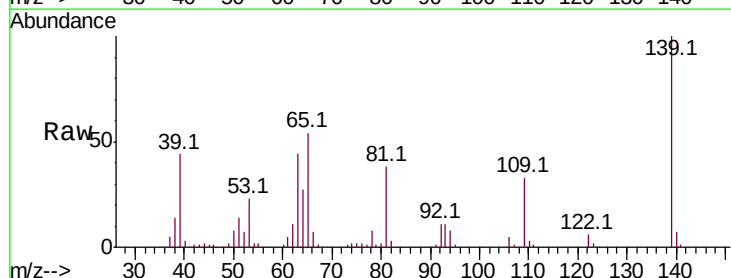
Instrument :
BNA_G
ClientSampled :

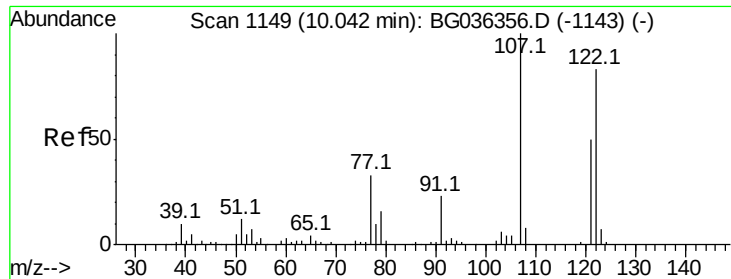
Tot Ion: 82 Resp: 369823
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 18.6 12.9 19.3



#26
2-Nitrophenol
Concen: 44.398 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:139 Resp: 100897
Ion Ratio Lower Upper
139 100
109 33.0 27.4 41.0
65 54.2 47.8 71.6

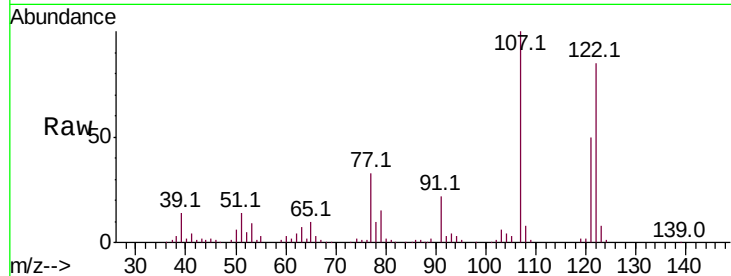




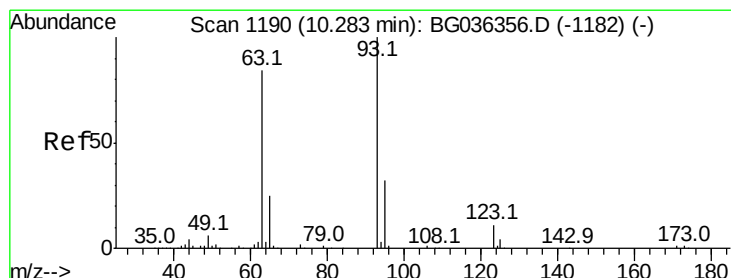
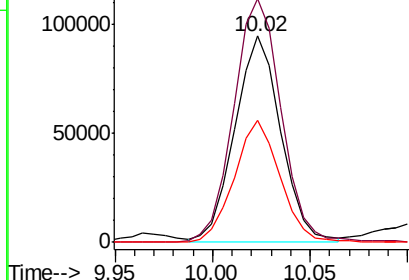
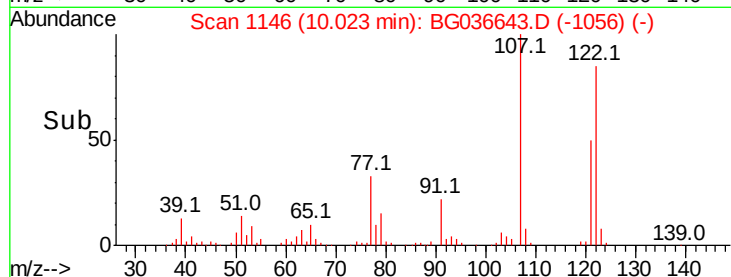
#27
 2,4-Dimethylphenol
 Concen: 36.618 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 154066
 Ion Ratio Lower Upper
 122 100
 107 118.0 96.0 144.0
 121 59.2 48.2 72.4

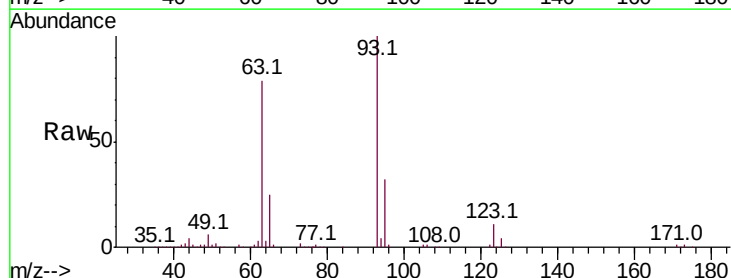


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

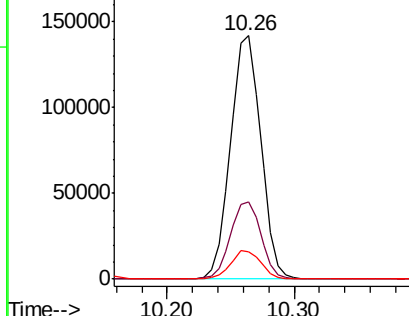
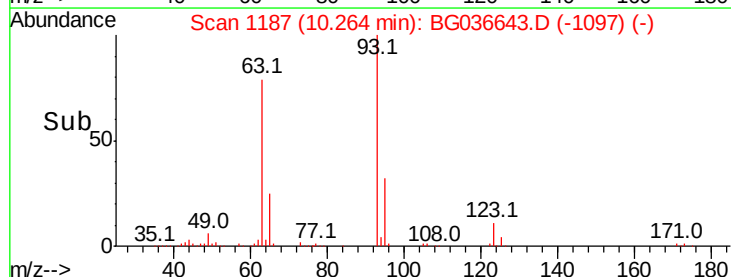


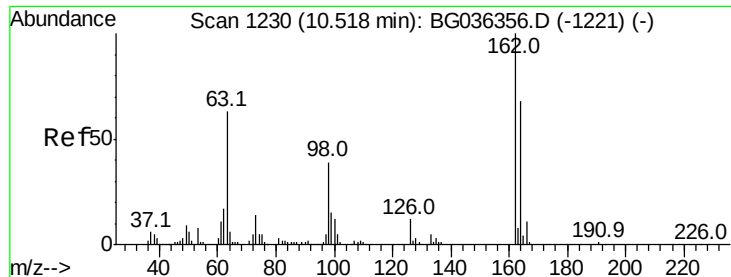
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.158 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion: 93 Resp: 234455
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.2 37.8
 123 11.2 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

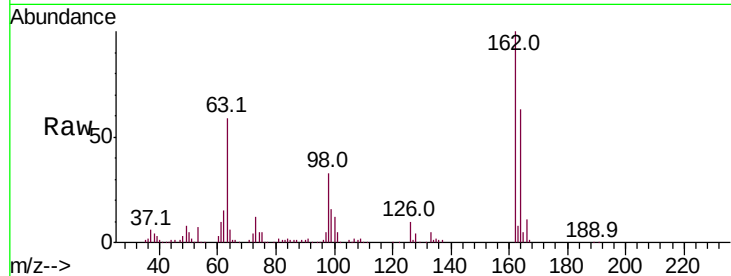




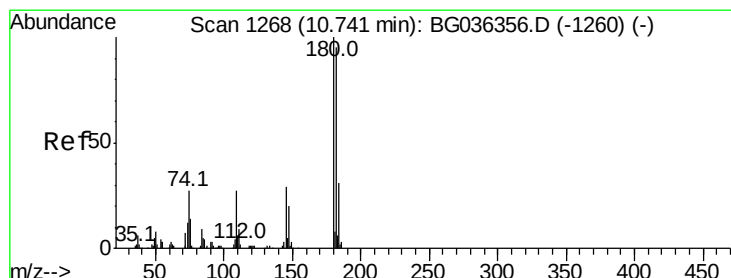
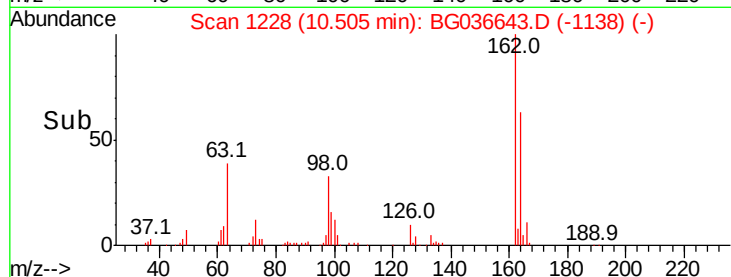
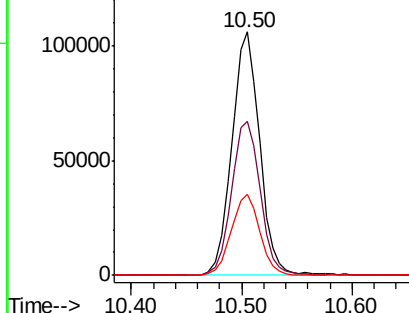
#29
2,4-Dichlorophenol
Concen: 40.852 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	47.6	87.6
98	33.1	19.2	59.2

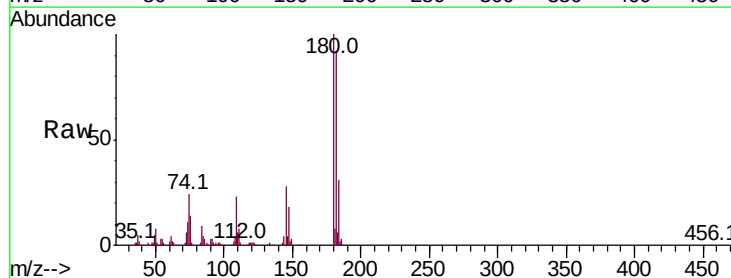


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

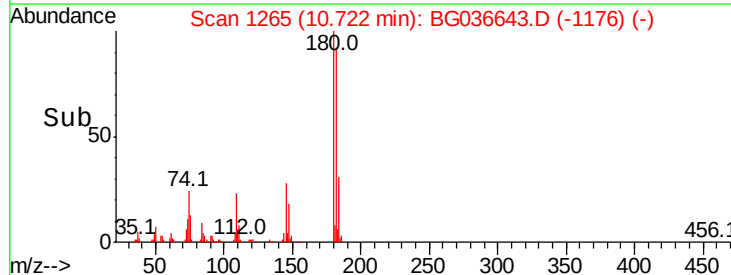
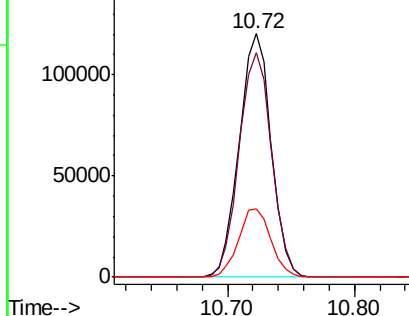


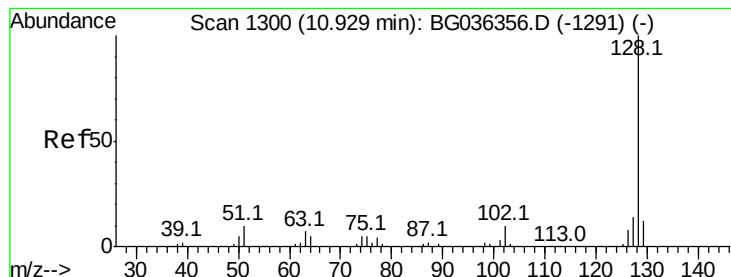
#30
1,2,4-Trichlorobenzene
Concen: 38.929 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.0	114.0
145	27.8	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: 37.069 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

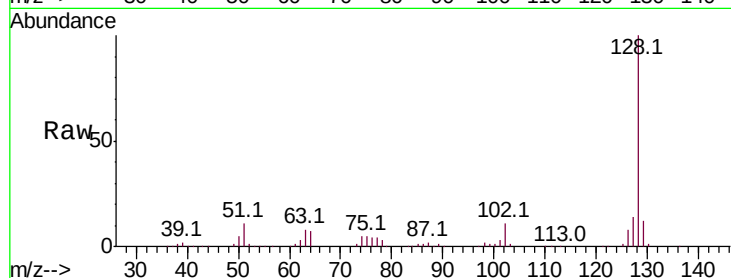
Tot Ion:128 Resp: 534711

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

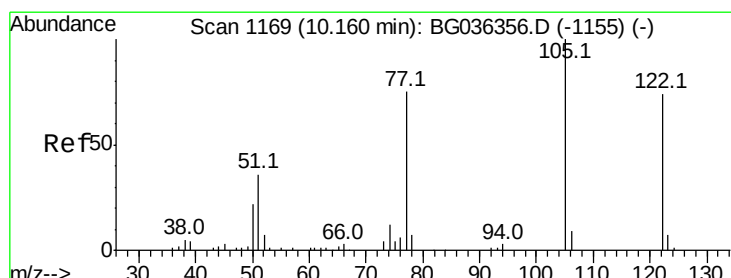
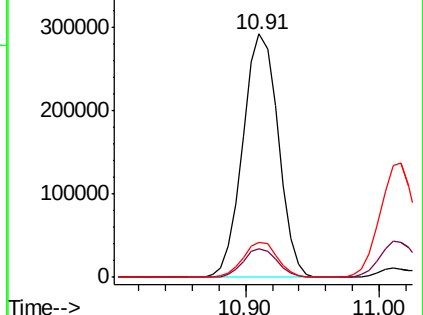
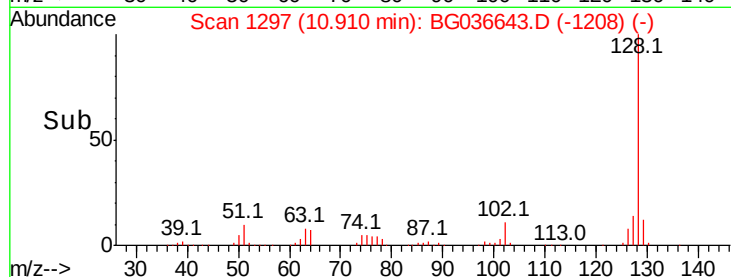
127 14.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.254 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

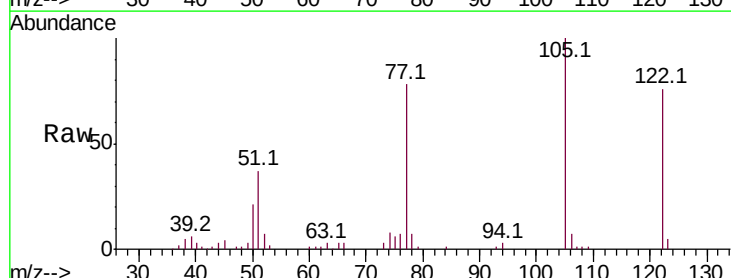
Tgt Ion:122 Resp: 92114

Ion Ratio Lower Upper

122 100

105 130.9 108.1 148.1

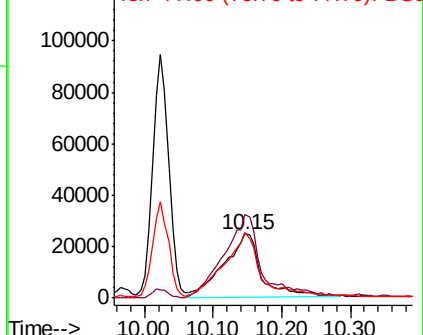
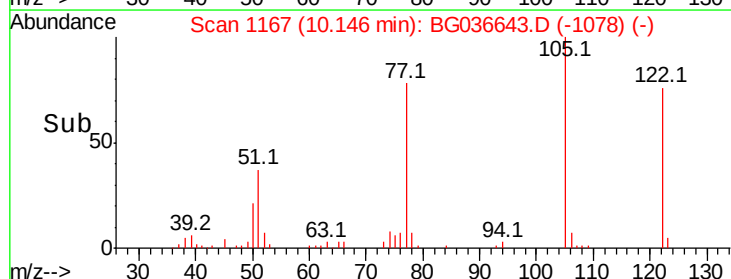
77 102.3 76.3 116.3

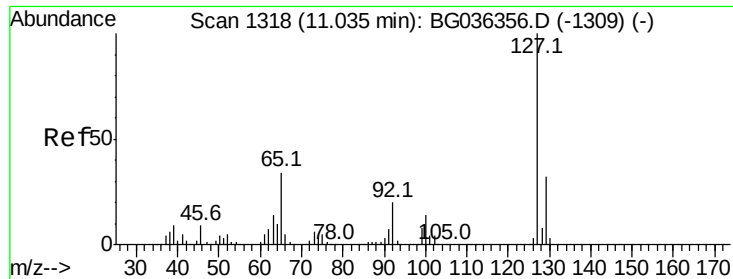


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

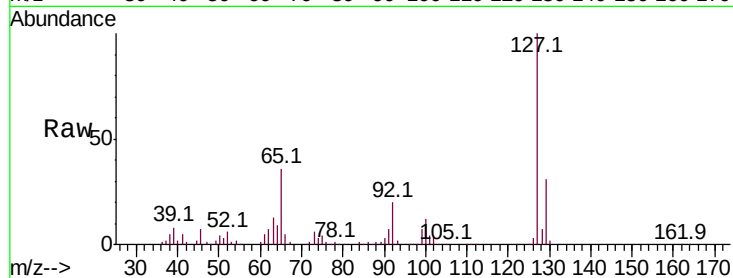




#33
4-Chloroaniline
Concen: 38.335 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	253392
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	36.0	27.5	41.3
92	20.1	16.2	24.2



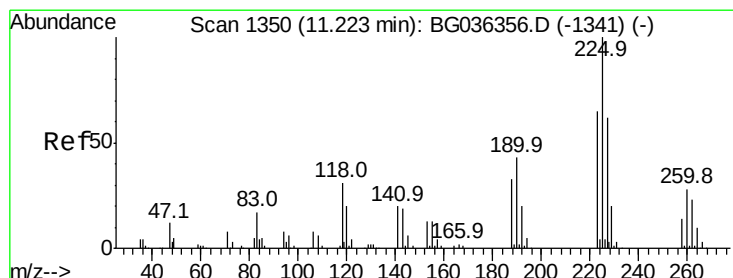
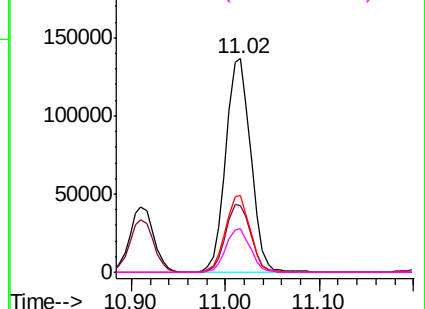
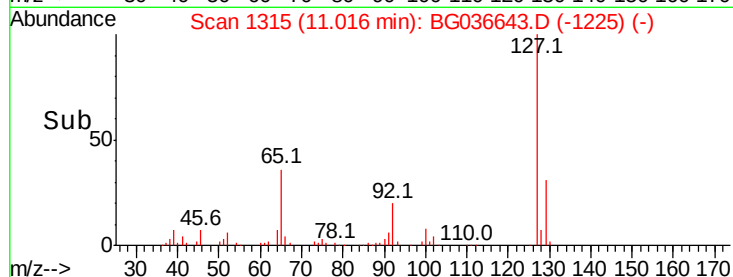
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

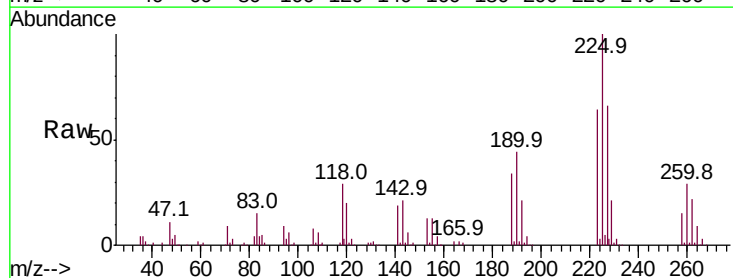
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.801 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:	225	Resp:	144251
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.8
227	66.2	49.8	74.6

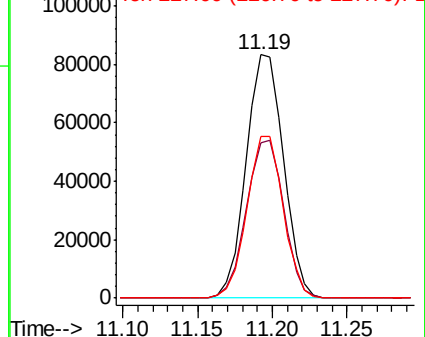
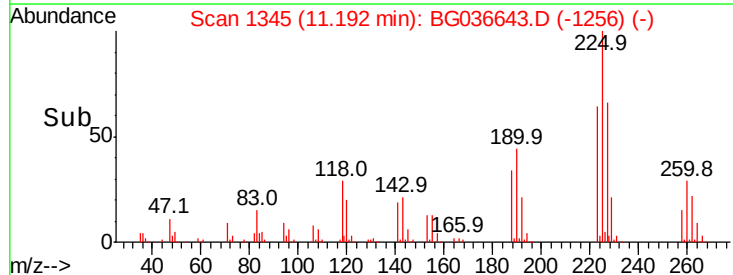


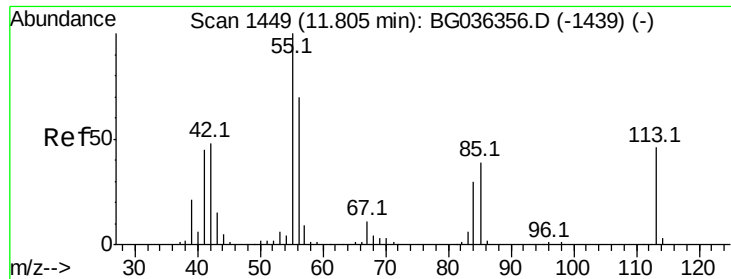
Abundance

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: 39.167 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampled :

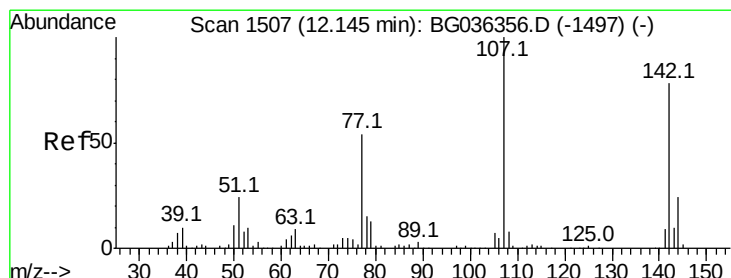
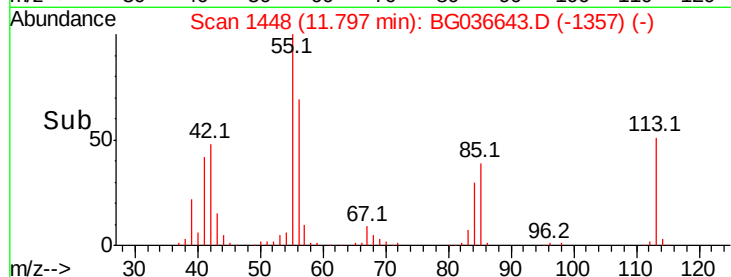
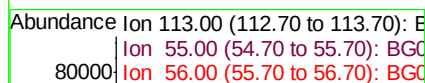
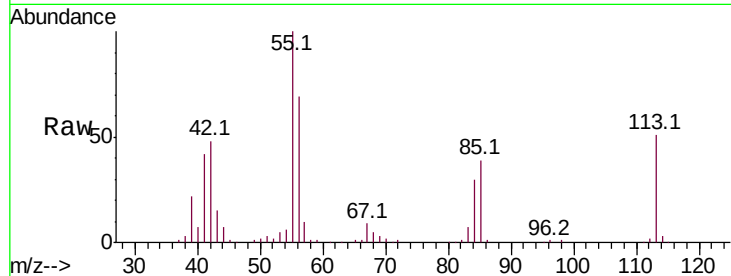
Tot Ion:113 Resp: 71944

Ion Ratio Lower Upper

113 100

55 196.8 197.7 237.7#

56 136.7 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 39.349 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

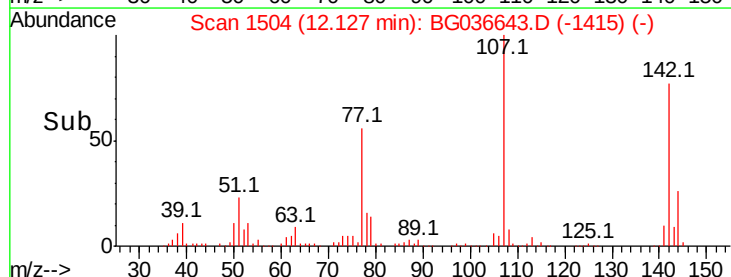
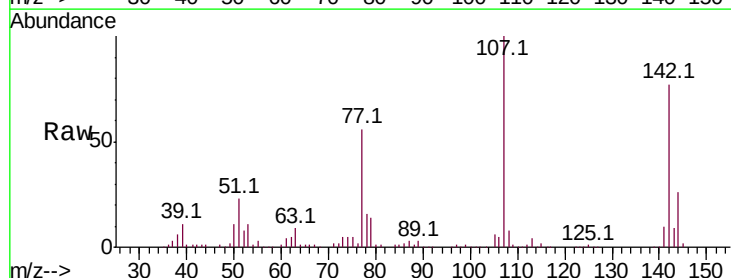
Tgt Ion:107 Resp: 210824

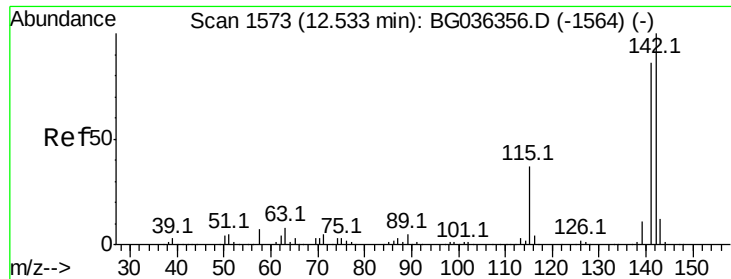
Ion Ratio Lower Upper

107 100

144 26.0 19.5 29.3

142 76.8 62.4 93.6

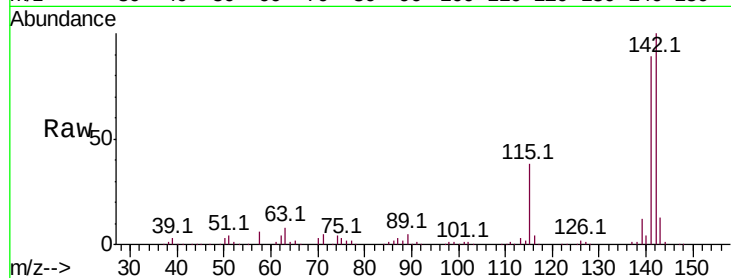




#37
2-Methylnaphthalene
Concen: 38.428 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.5	102.7
115	37.8	29.8	44.8

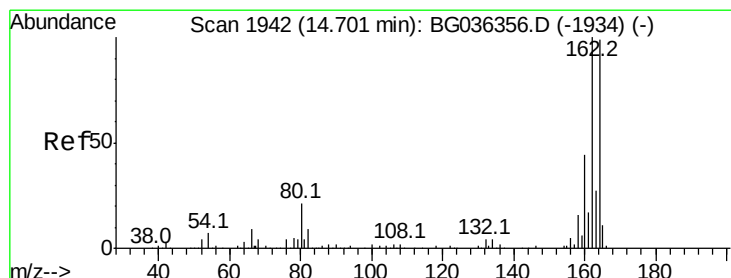
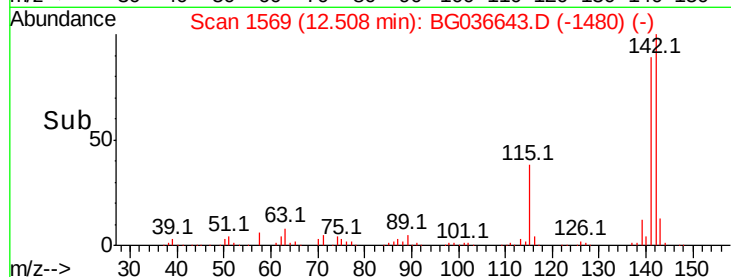
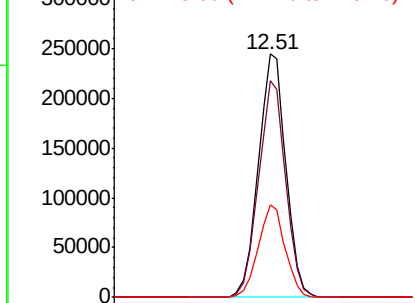


Abundance

Ion 142.00 (141.70 to 142.70): E

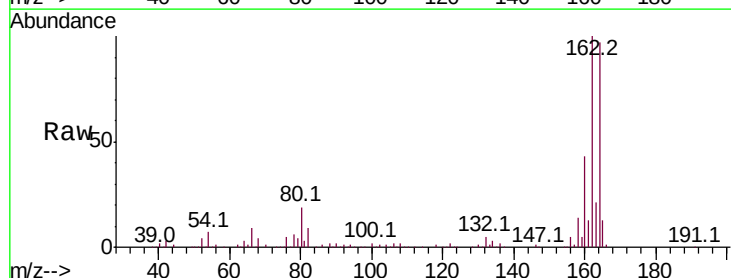
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	43.9	35.3	52.9

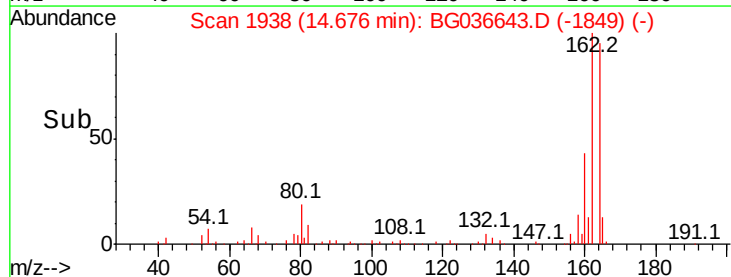
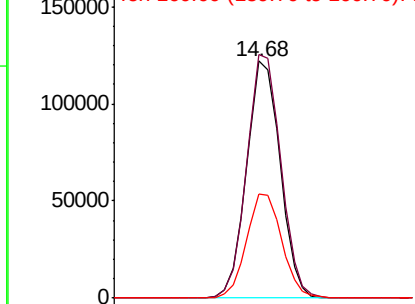


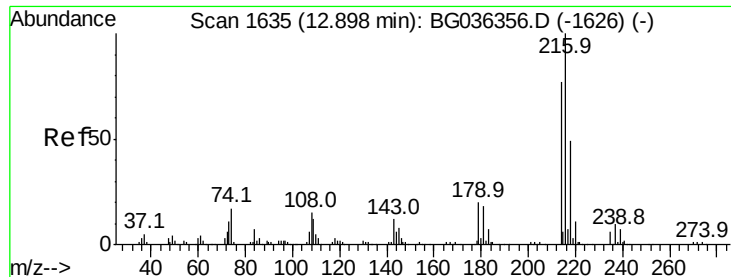
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.801 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 259542

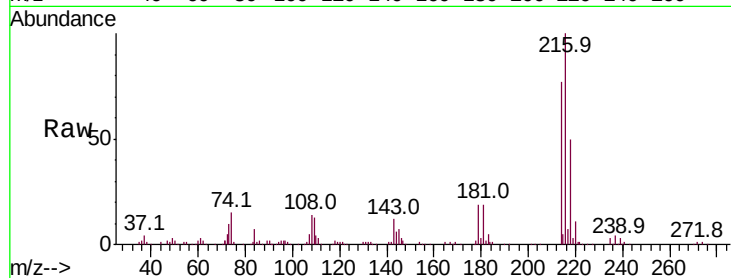
Ion Ratio Lower Upper

216 100

214 78.8 61.0 91.6

179 19.7 15.7 23.5

108 15.8 13.1 19.7

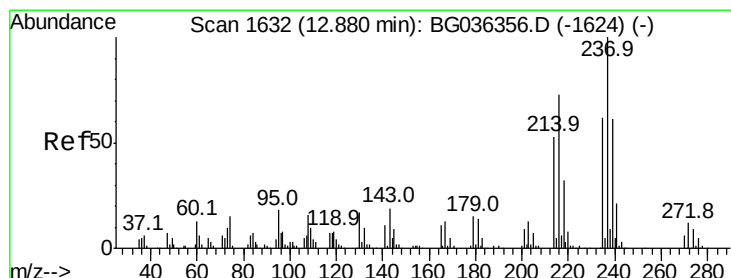
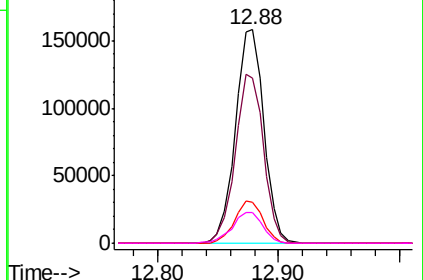
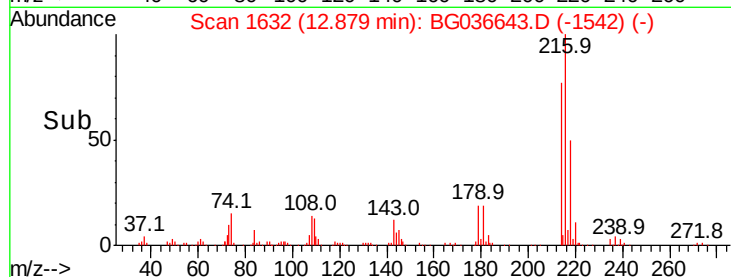


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.990 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

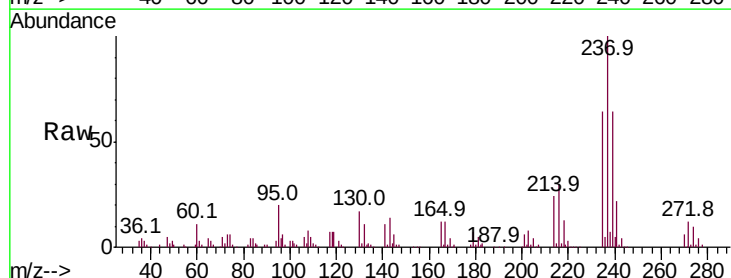
Tgt Ion:237 Resp: 125257

Ion Ratio Lower Upper

237 100

235 63.7 42.2 82.2

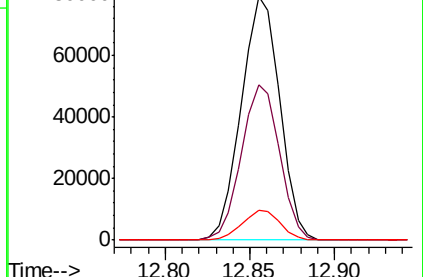
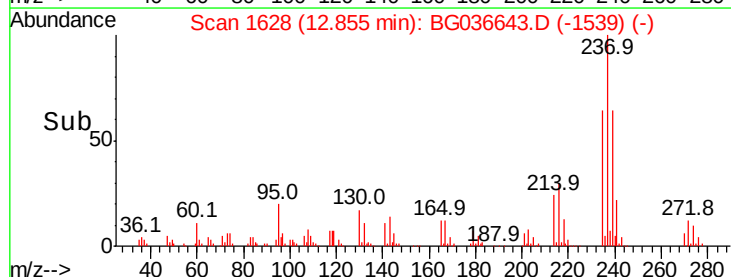
272 12.1 0.0 32.1

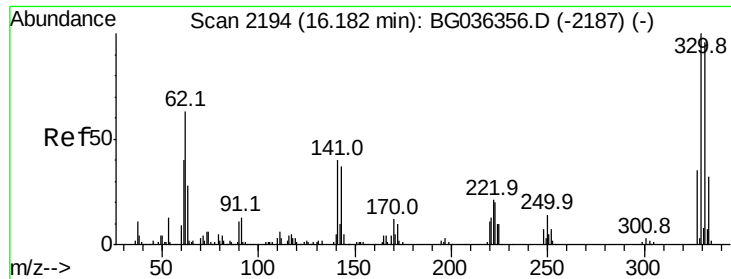


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 90.437 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampled :

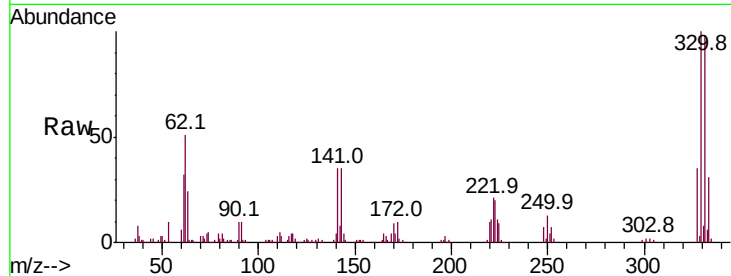
Tot Ion:330 Resp: 203972

Ion Ratio Lower Upper

330 100

332 97.1 75.4 113.2

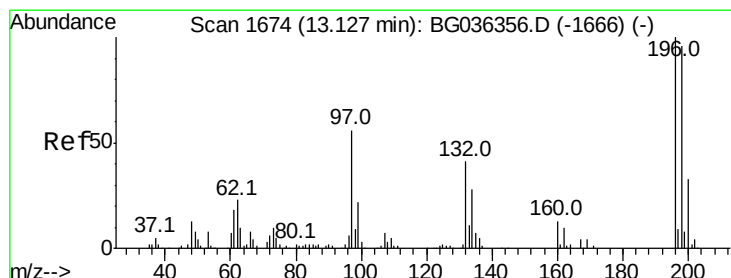
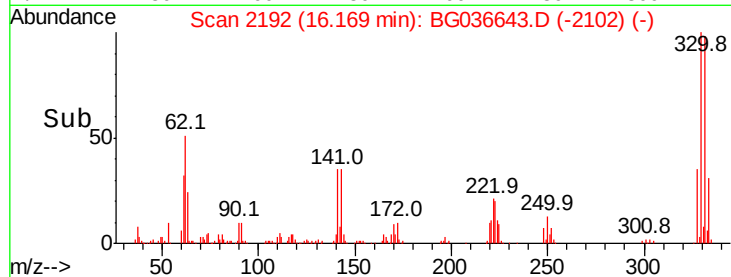
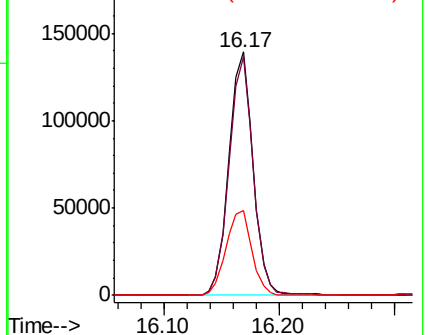
141 36.9 30.7 46.1



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: 40.615 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

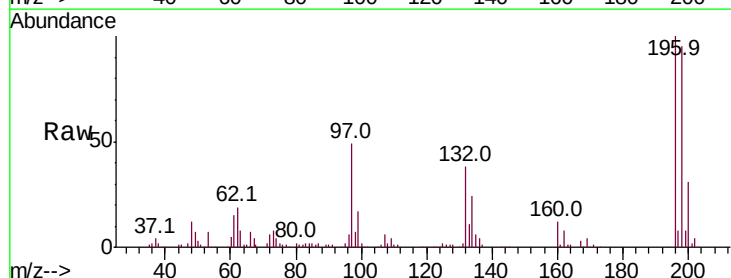
Tgt Ion:196 Resp: 165494

Ion Ratio Lower Upper

196 100

198 95.0 77.2 115.8

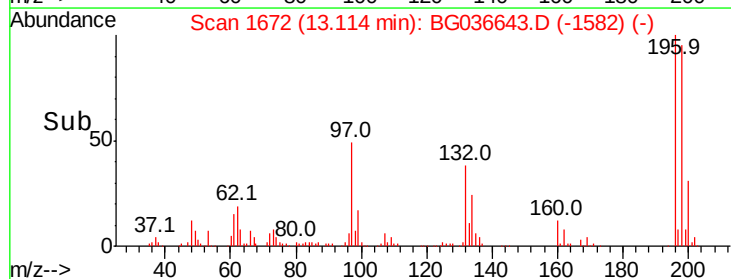
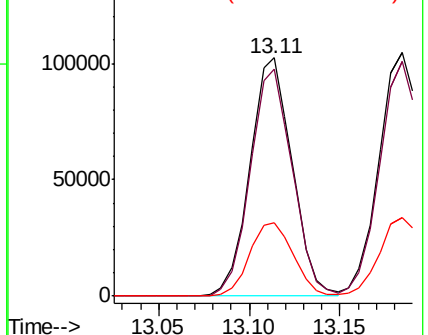
200 31.0 26.3 39.5

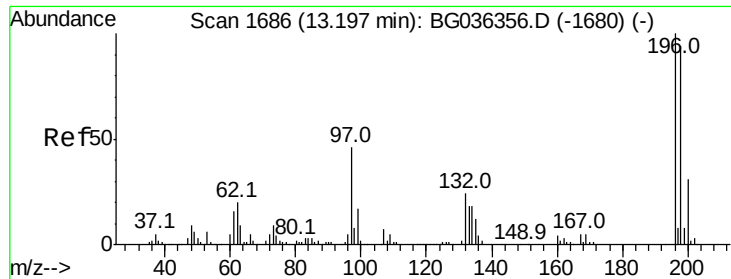


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

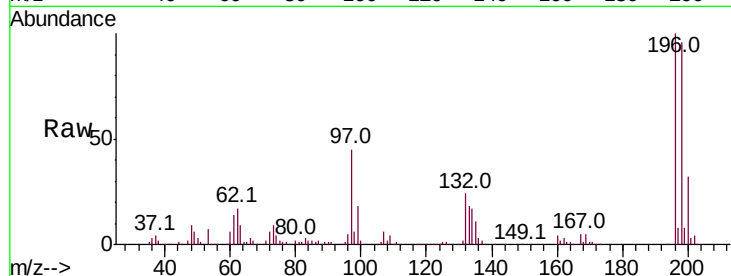




#43
 2,4,5-Trichlorophenol
 Concen: 40.212 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.6	113.4
97	44.8	37.2	55.8
132	24.0	19.4	29.2



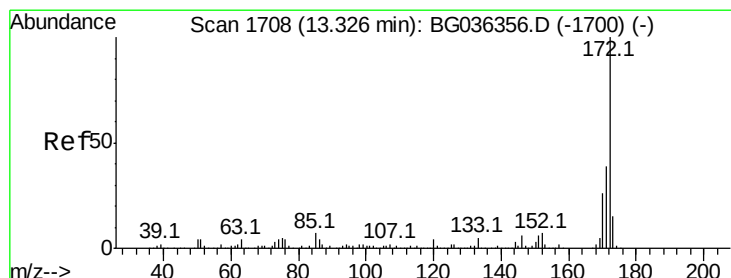
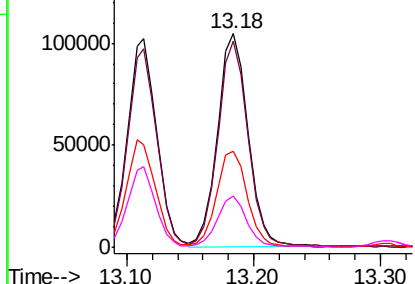
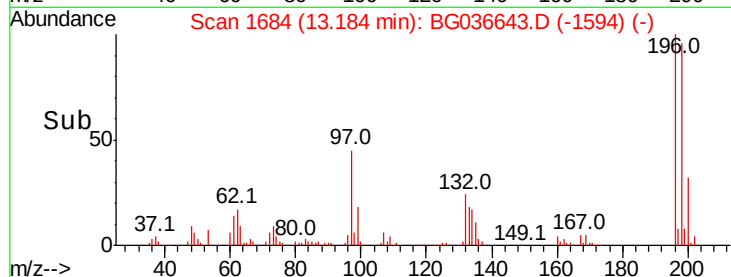
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

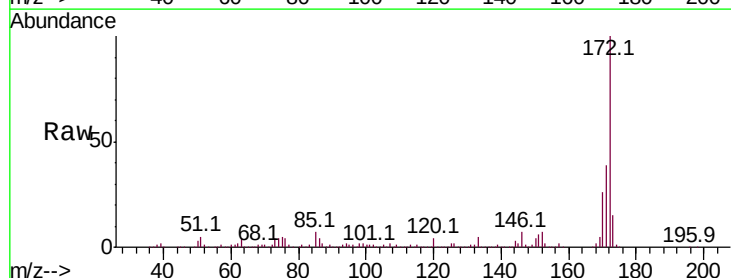
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.351 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.8	21.0	31.6

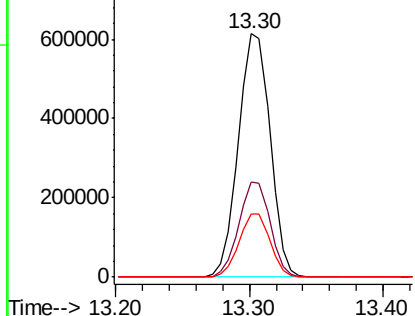
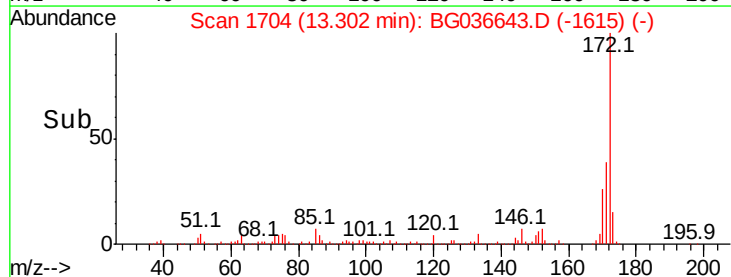


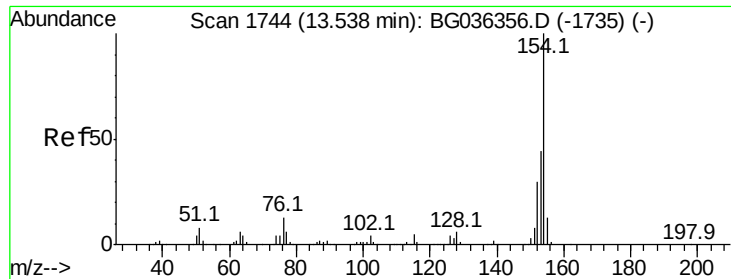
Abundance

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

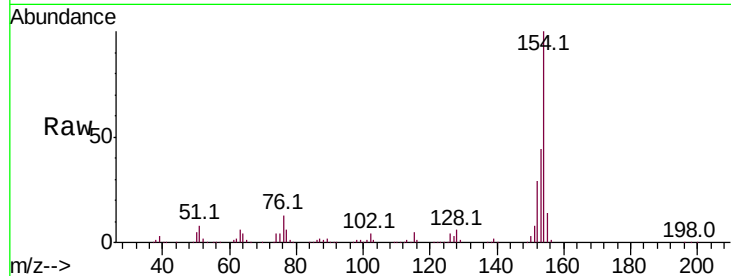




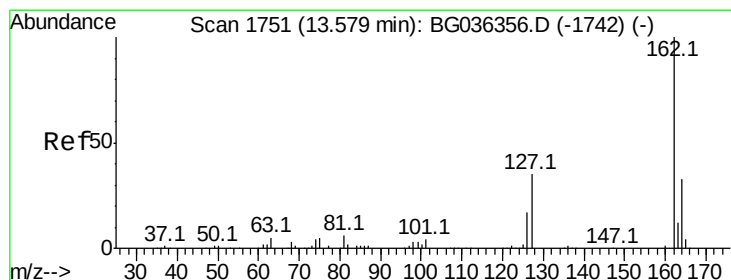
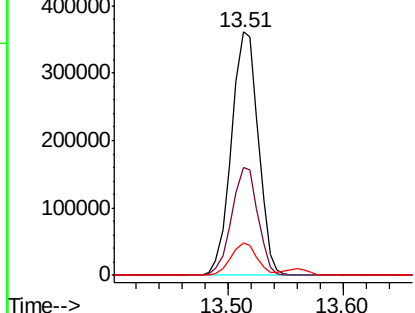
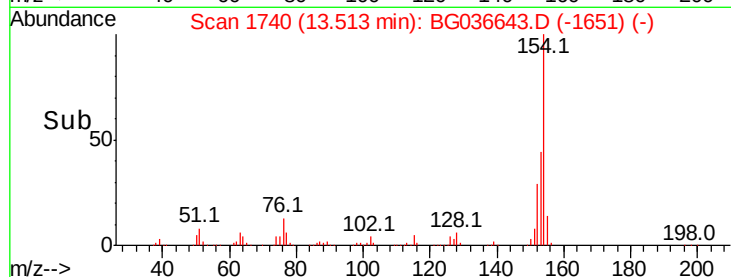
#45
 1,1'-Biphenyl
 Concen: 37.014 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	24.0	64.0
76	13.3	0.0	32.9

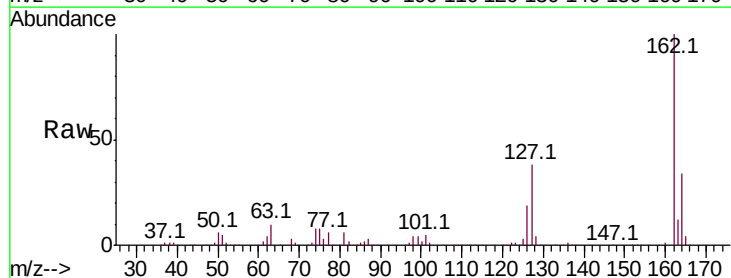


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

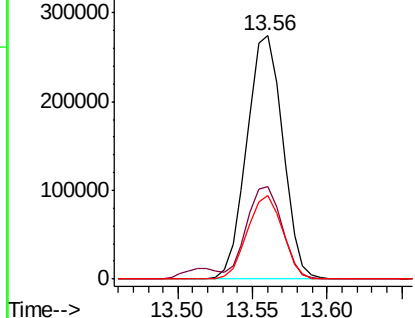
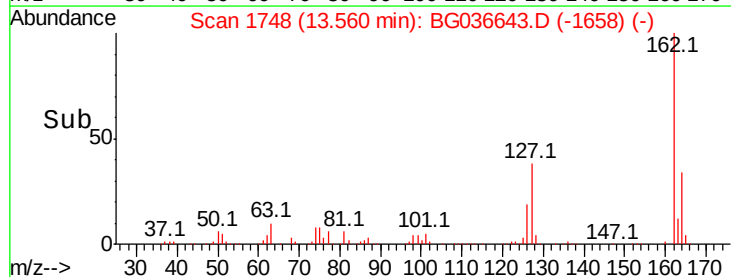


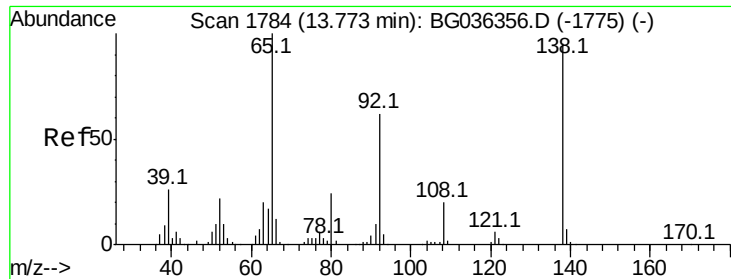
#46
 2-Chloronaphthalene
 Concen: 38.196 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.7	46.1
164	34.1	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: 41.927 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampled :

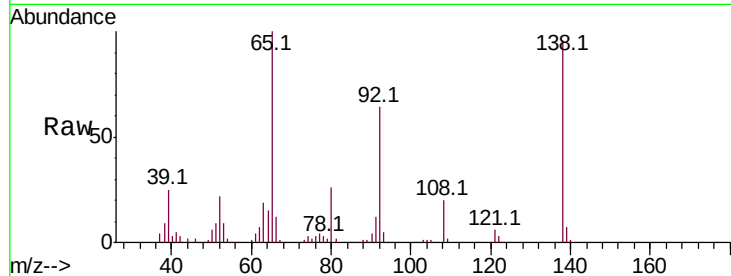
Tot Ion: 65 Resp: 157699

Ion Ratio Lower Upper

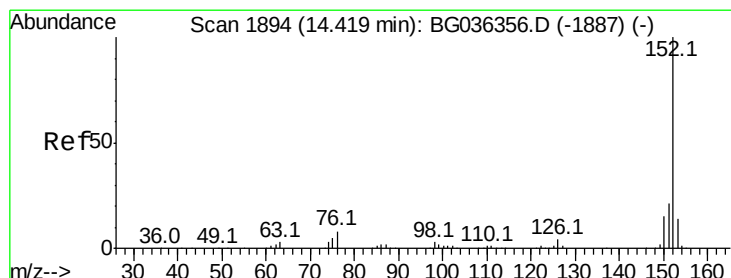
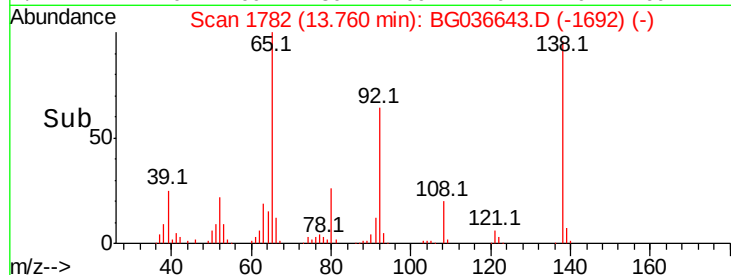
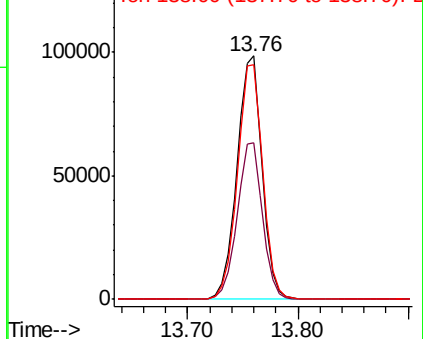
65 100

92 64.4 49.9 74.9

138 96.2 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: 37.505 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

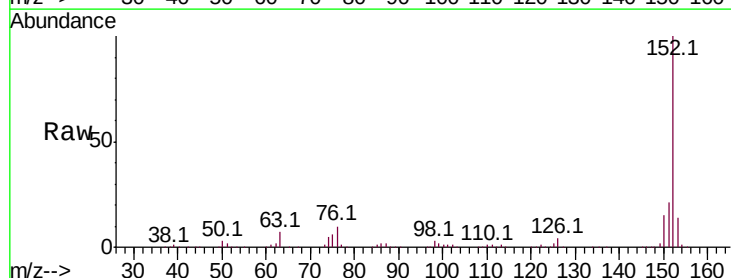
Tgt Ion: 152 Resp: 702078

Ion Ratio Lower Upper

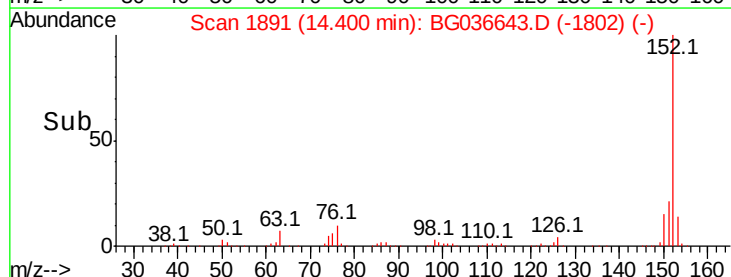
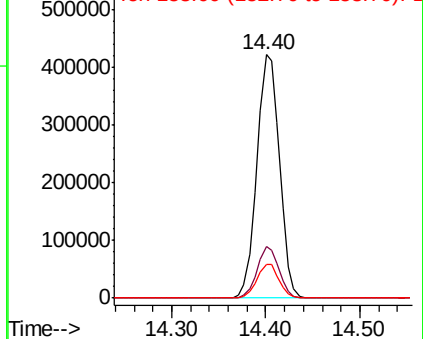
152 100

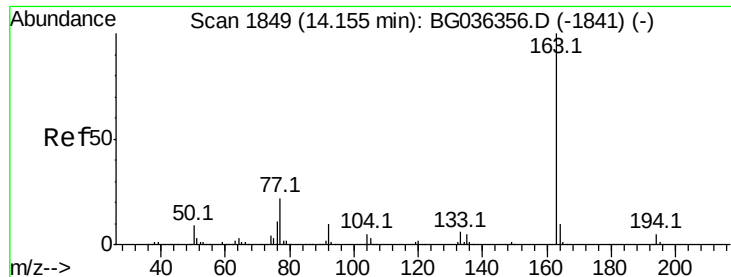
151 21.2 16.9 25.3

153 13.7 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: 38.373 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

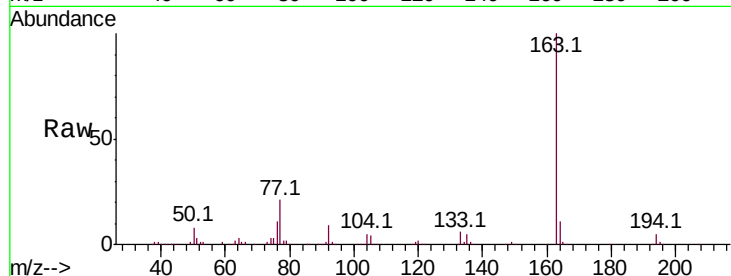
Tot Ion:163 Resp: 592263

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

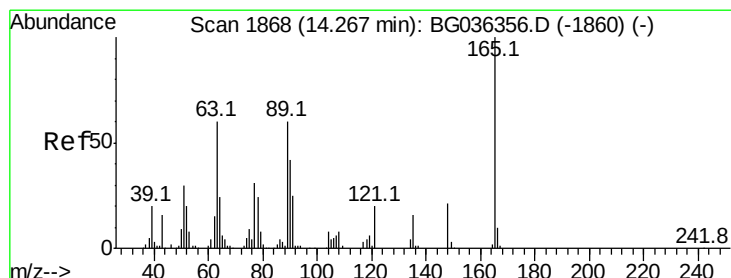
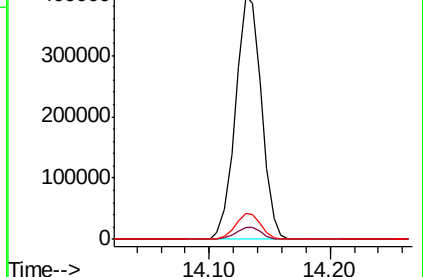
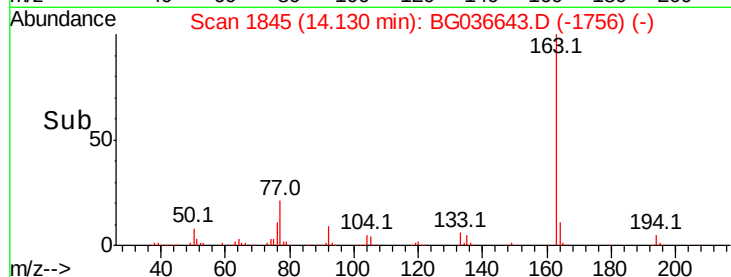
164 10.8 8.1 12.1



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: 41.391 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

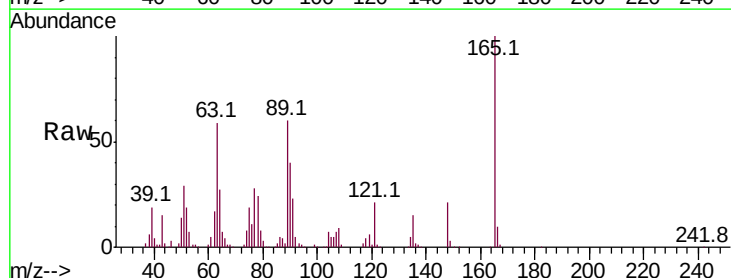
Tgt Ion:165 Resp: 131456

Ion Ratio Lower Upper

165 100

63 59.2 50.1 75.1

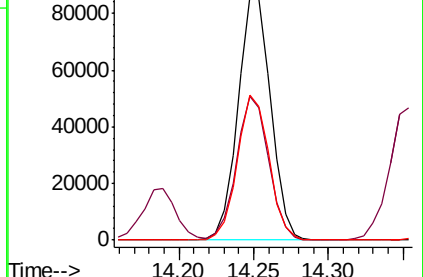
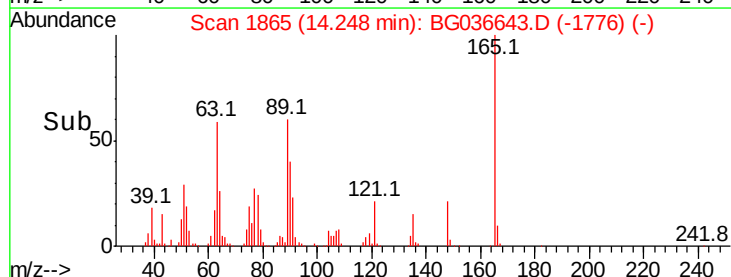
89 59.8 47.8 71.6

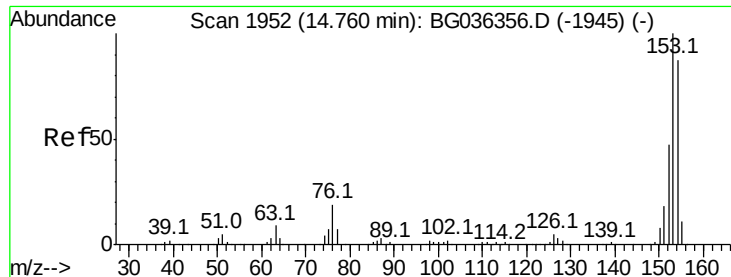


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 36.710 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

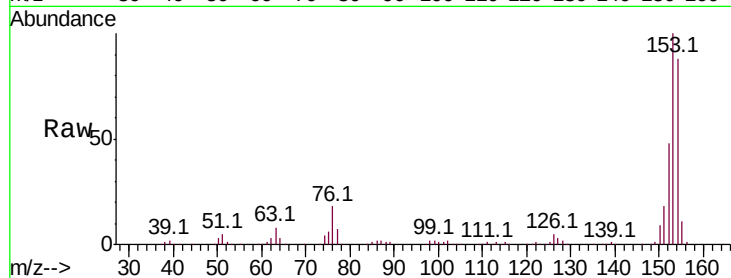
Tot Ion:154 Resp: 440113

Ion Ratio Lower Upper

154 100

153 113.7 91.8 137.6

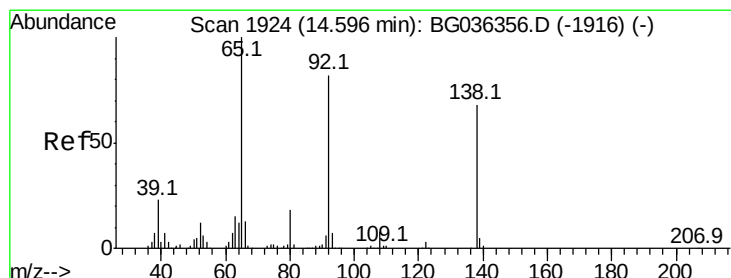
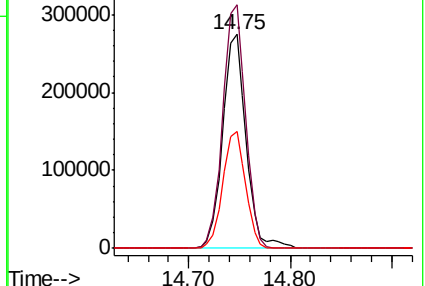
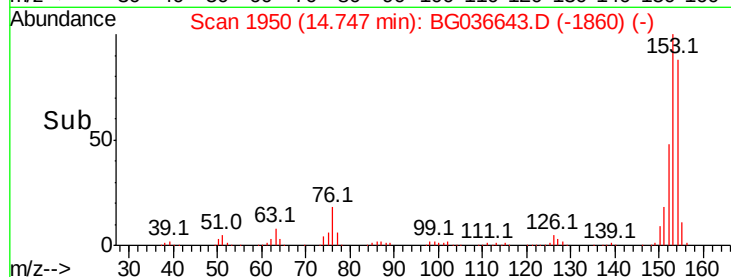
152 54.9 43.5 65.3



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: 42.931 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

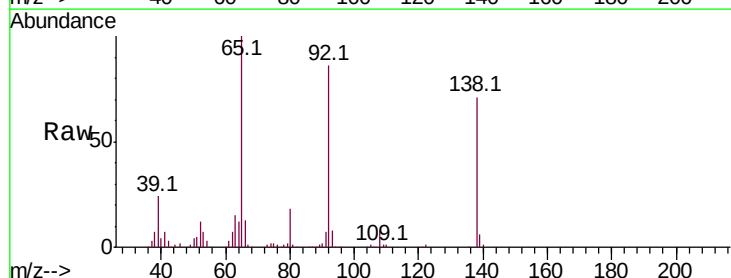
Tgt Ion:138 Resp: 146933

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

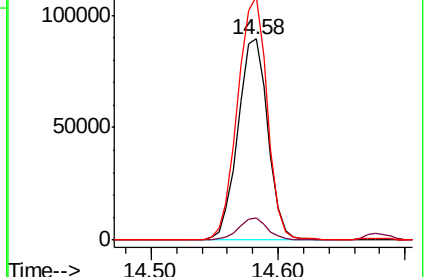
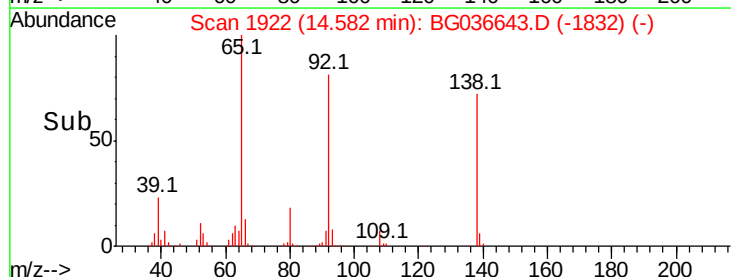
92 121.1 96.8 145.2

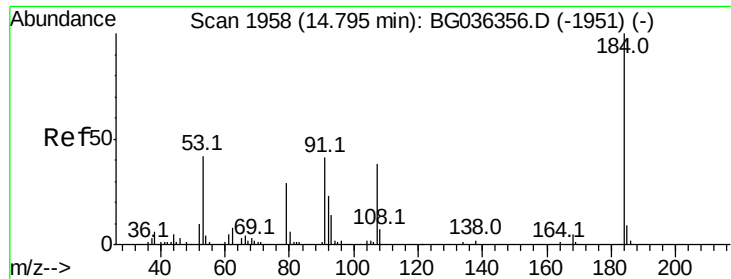


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

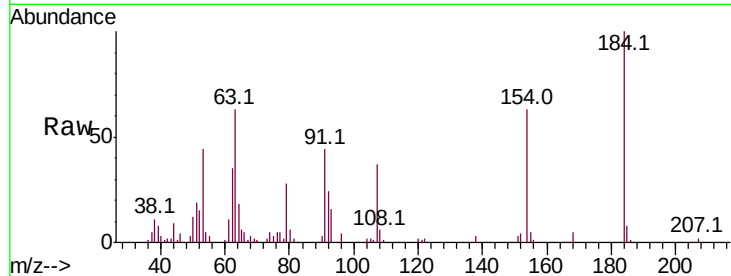




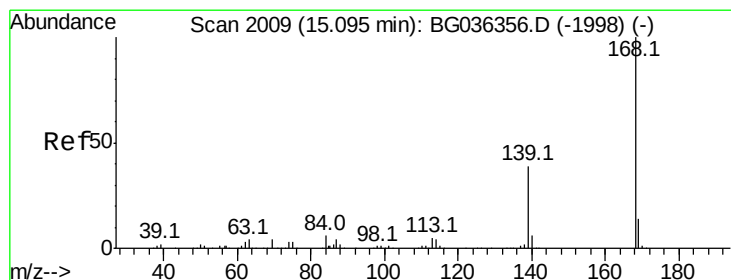
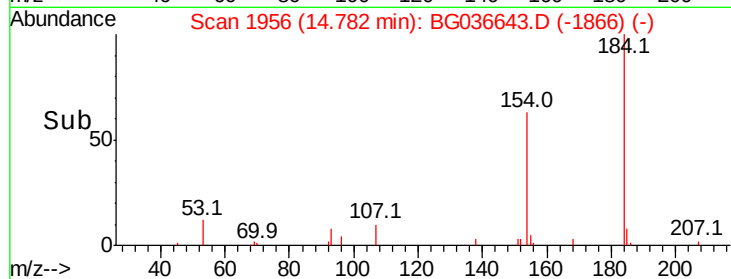
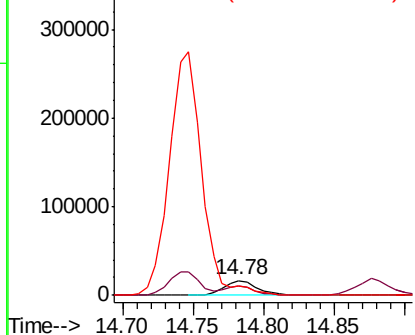
#53
 2,4-Dinitrophenol
 Concen: 23.822 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.3	47.3	70.9
154	62.8	51.1	76.7

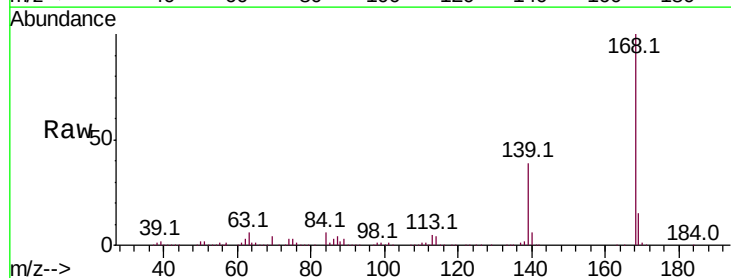


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

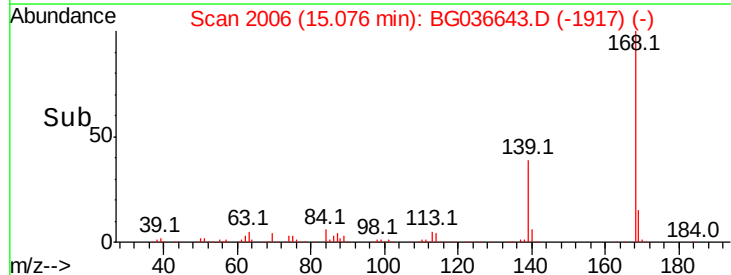
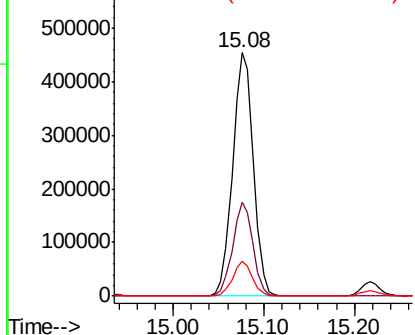


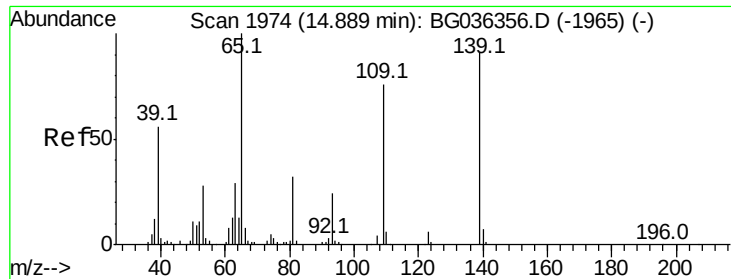
#54
 Dibenzofuran
 Concen: 38.430 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.0	46.6
169	14.6	11.1	16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

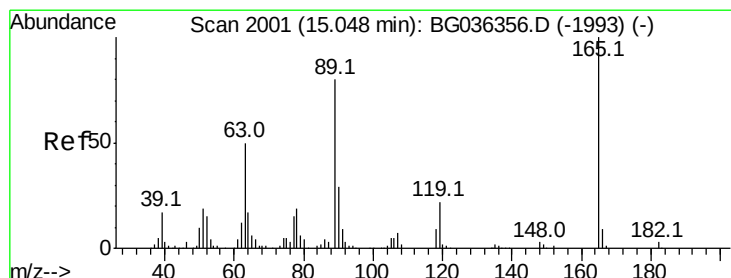
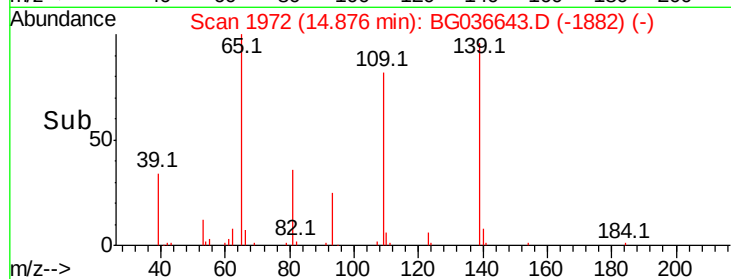
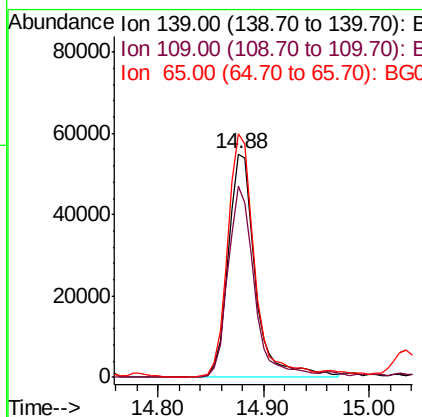
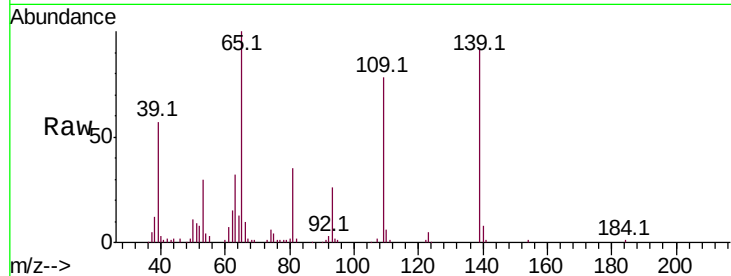




#55
4-Nitrophenol
Concen: 34.634 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

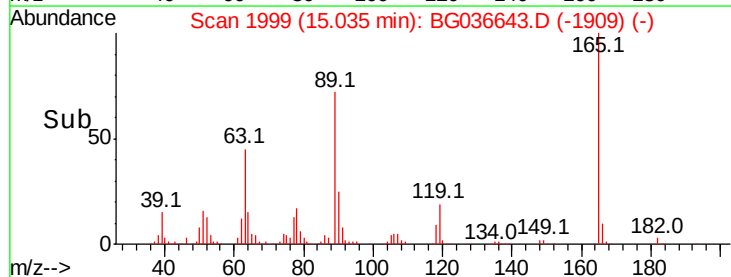
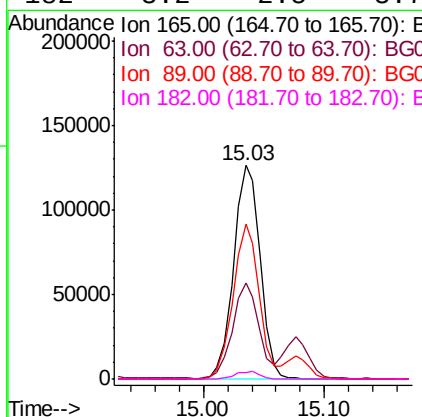
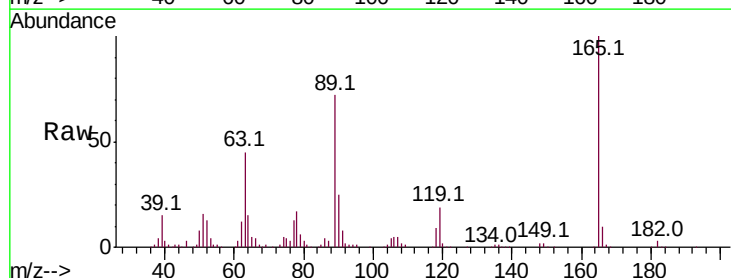
Instrument :
BNA_G
ClientSampleId :

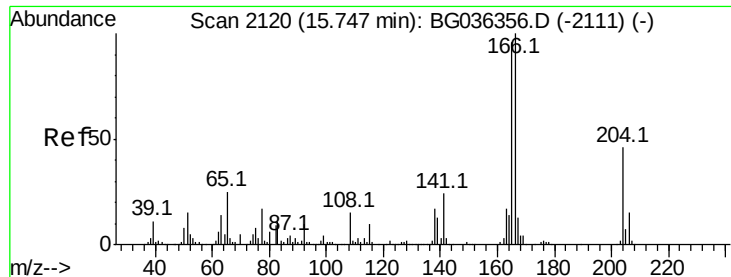
Tot Ion:139 Resp: 96917
Ion Ratio Lower Upper
139 100
109 85.4 63.9 103.9
65 108.9 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 46.588 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:165 Resp: 192839
Ion Ratio Lower Upper
165 100
63 44.9 40.1 60.1
89 72.3 63.7 95.5
182 3.2 2.5 3.7

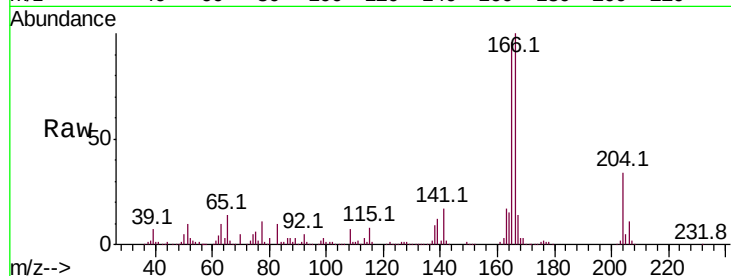




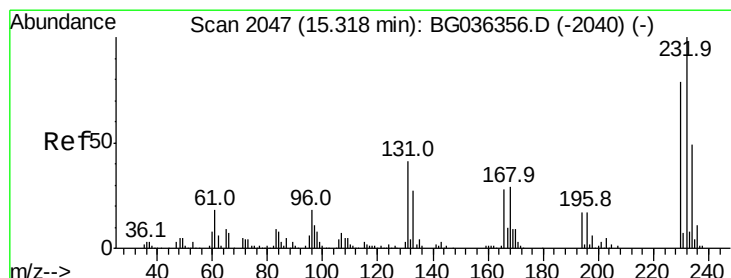
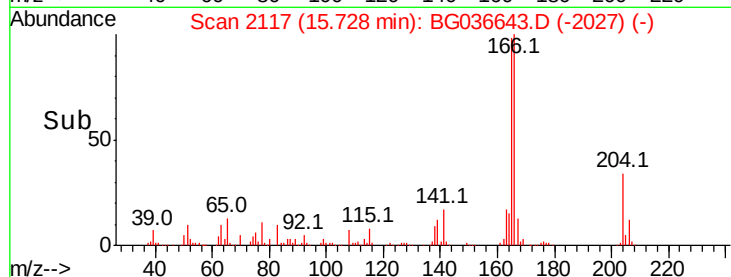
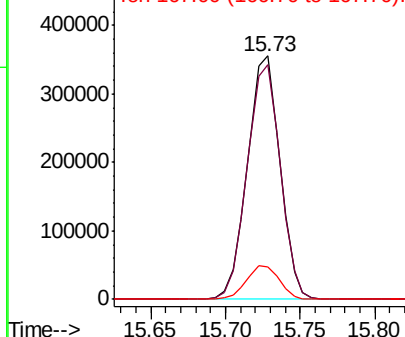
#57
 Fluorene
 Concen: 38.133 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:166 Resp: 535432
 Ion Ratio Lower Upper
 166 100
 165 96.4 77.0 115.4
 167 13.5 10.6 16.0

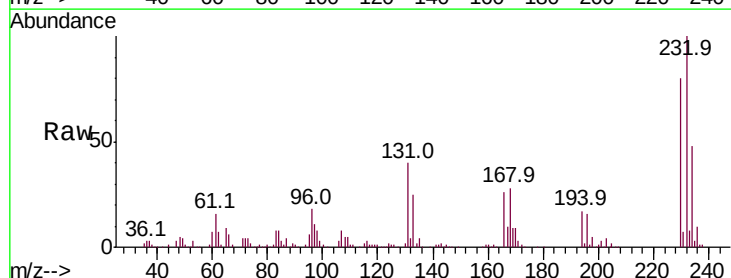


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

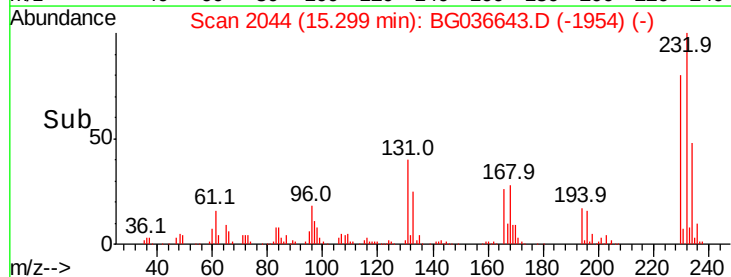
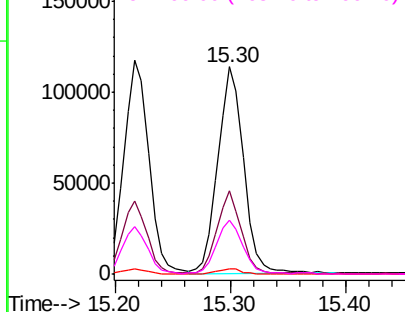


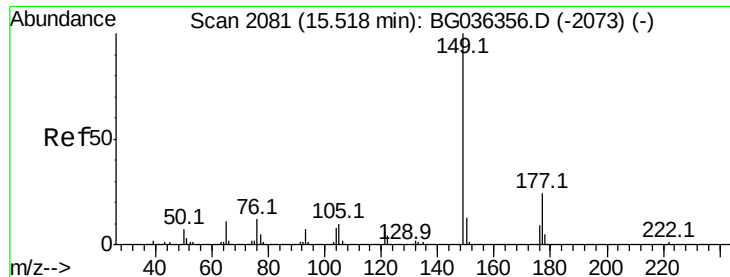
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.122 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion:232 Resp: 176083
 Ion Ratio Lower Upper
 232 100
 131 38.0 33.8 50.8
 130 2.2 2.1 3.1
 166 26.0 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

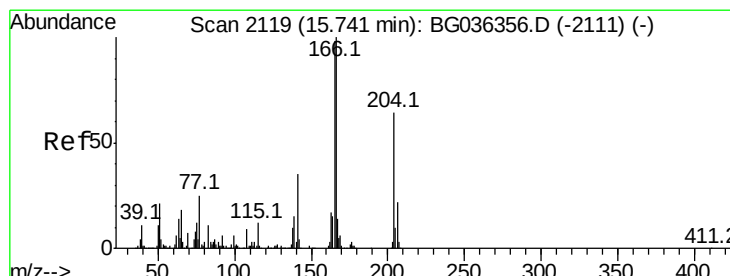
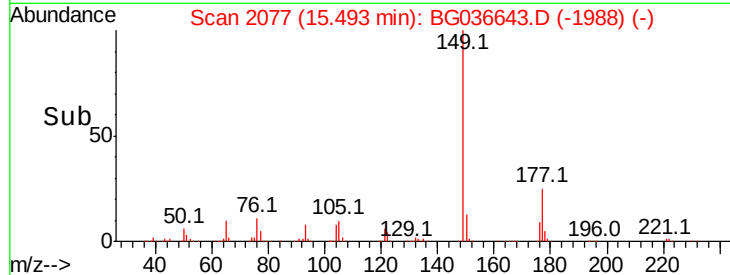
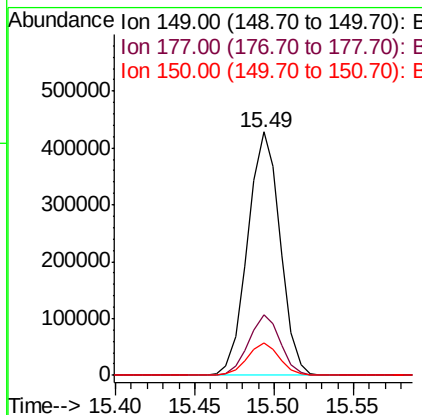
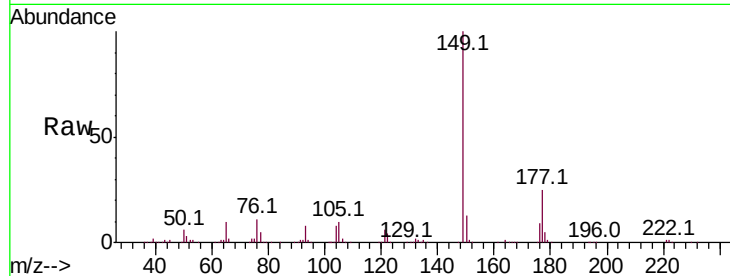




#59
 Diethylphthalate
 Concen: 39.134 ng
 RT: 15.49 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

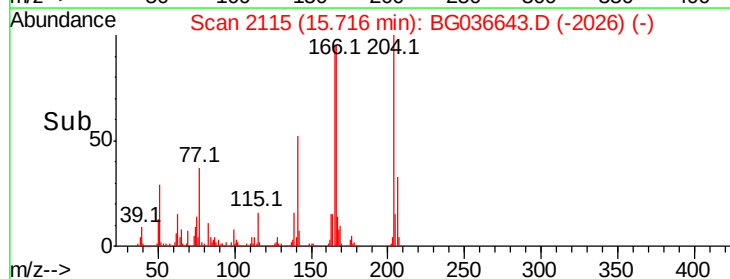
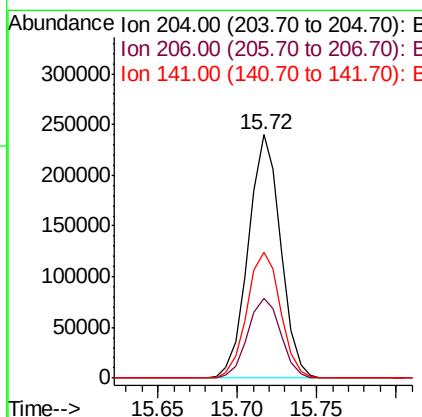
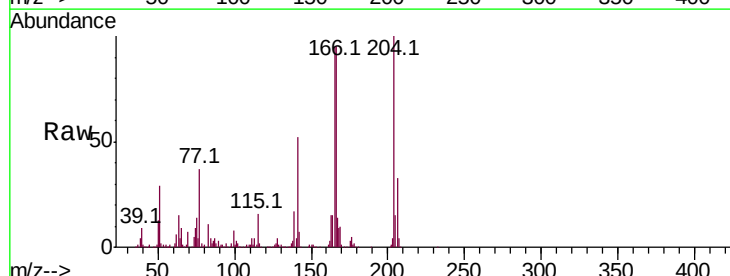
Instrument :
 BNA_G
 ClientSampled :

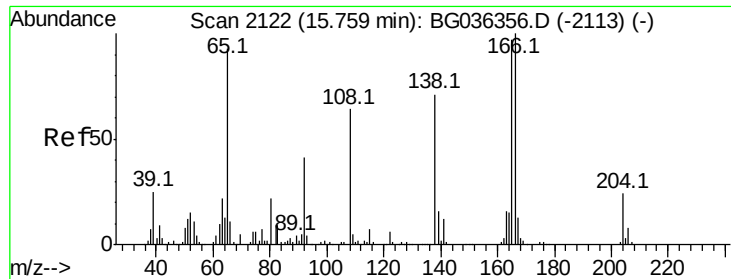
Tot Ion:149	Resp: 608716
Ion Ratio	Lower Upper
149 100	
177 24.9	19.1 28.7
150 13.1	10.7 16.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.200 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	204	Resp: 339875	
Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.0	40.4
141	51.6	43.8	65.6

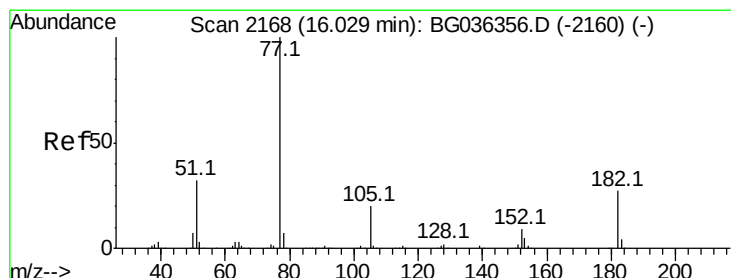
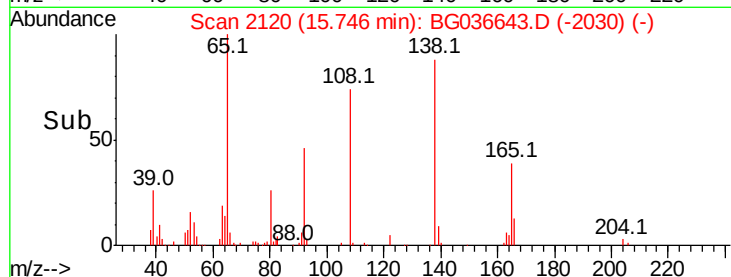
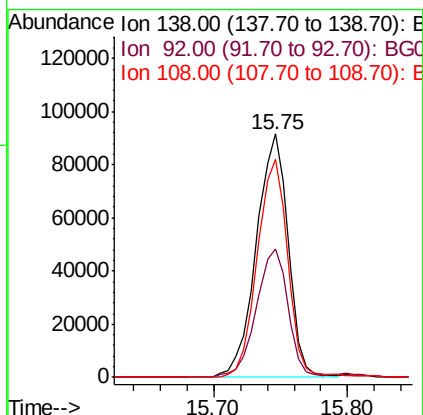
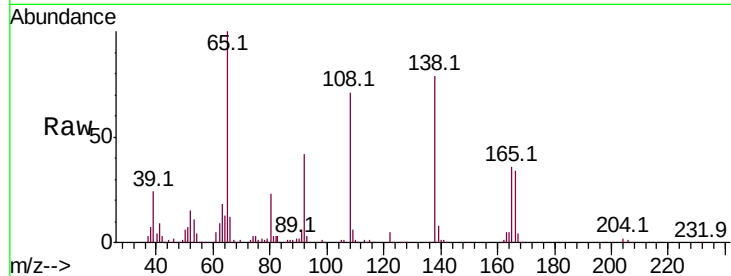




#61
4-Nitroaniline
Concen: 42.116 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

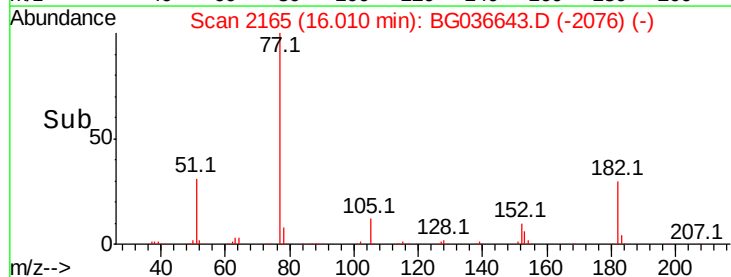
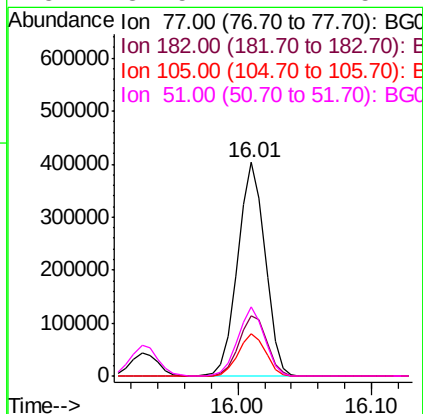
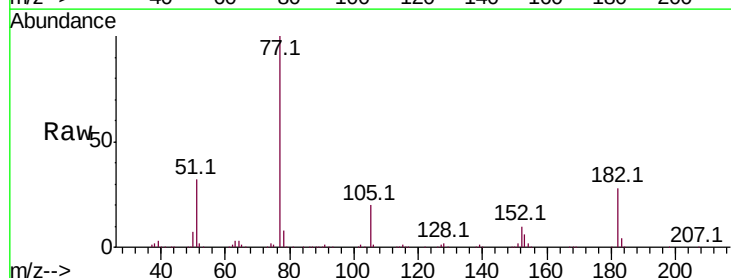
Instrument :
BNA_G
ClientSampleId :

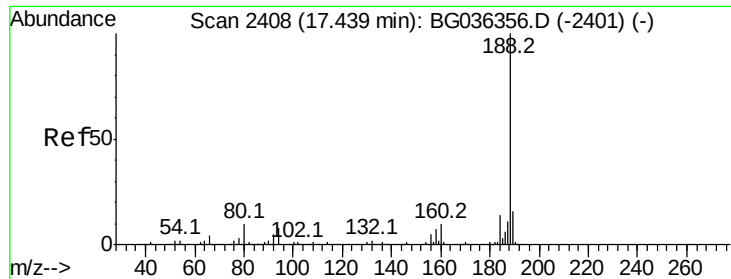
Tot Ion:138 Resp: 150836
Ion Ratio Lower Upper
138 100
92 52.9 38.5 78.5
108 89.4 70.3 110.3



#62
Azobenzene
Concen: 36.174 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion: 77 Resp: 572493
Ion Ratio Lower Upper
77 100
182 28.3 6.7 46.7
105 20.0 0.0 39.8
51 32.5 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

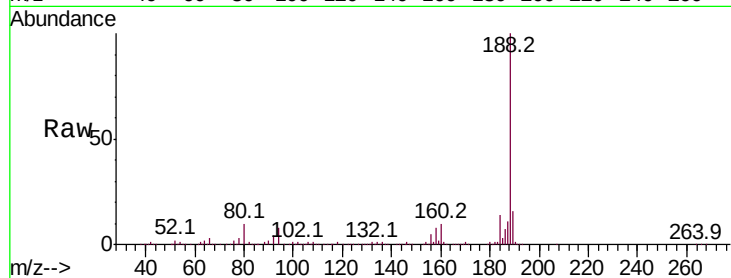
Tot Ion:188 Resp: 506765

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

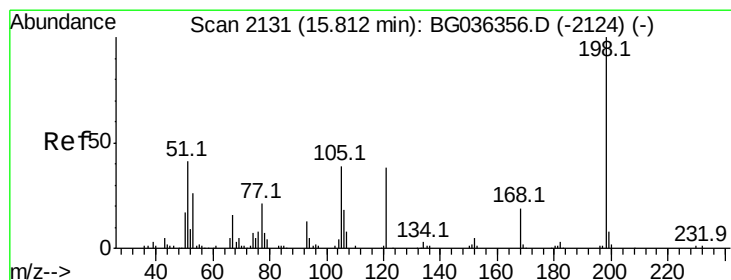
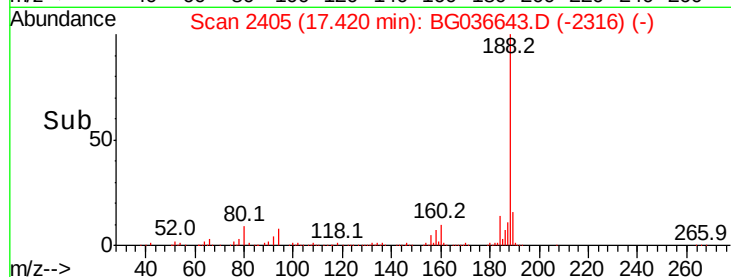
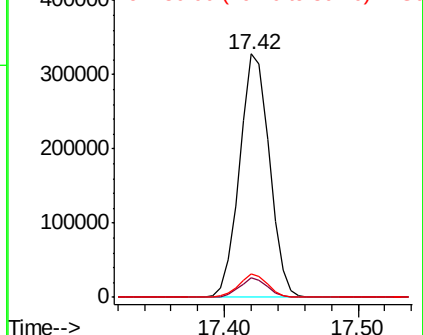
80 9.5 8.1 12.1



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: 37.734 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

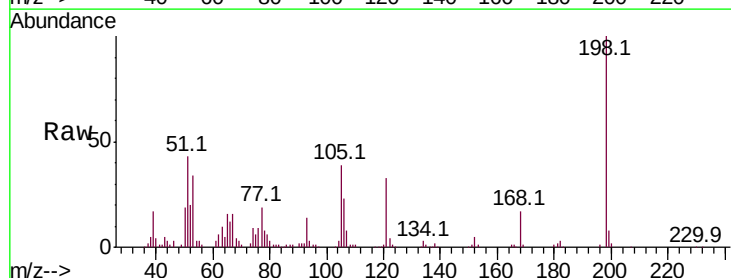
Tgt Ion:198 Resp: 84001

Ion Ratio Lower Upper

198 100

51 43.4 26.5 66.5

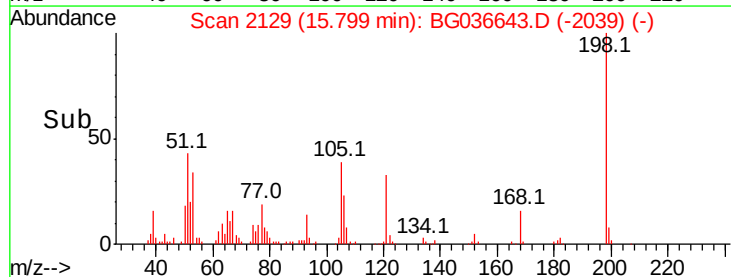
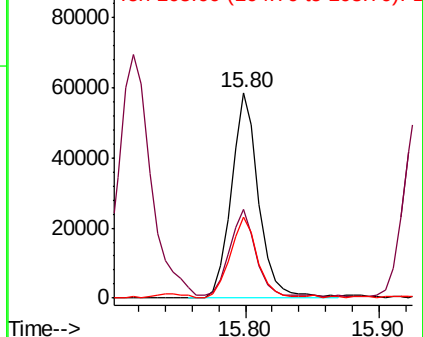
105 39.4 20.2 60.2

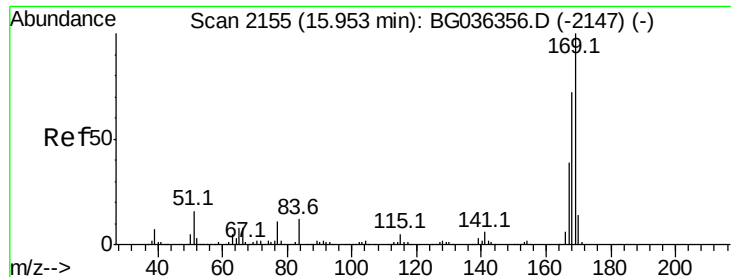


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

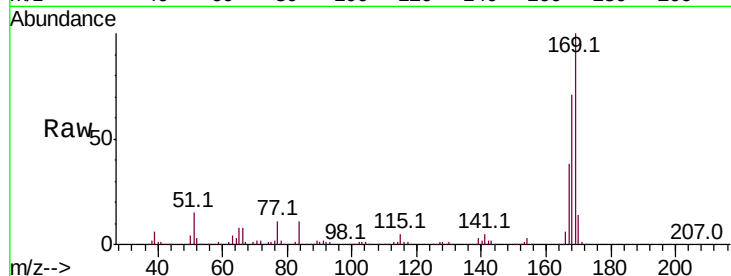




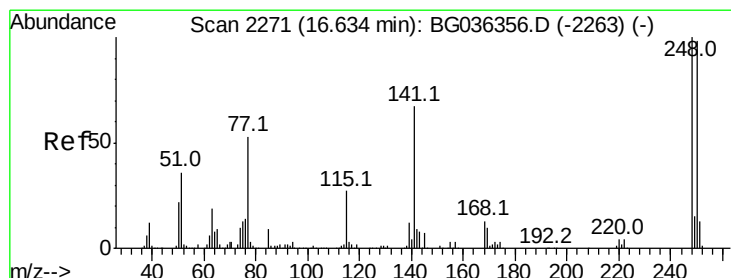
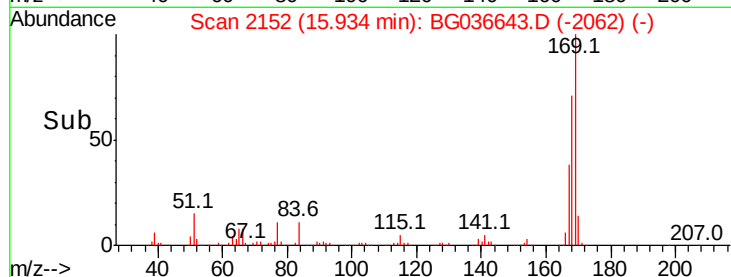
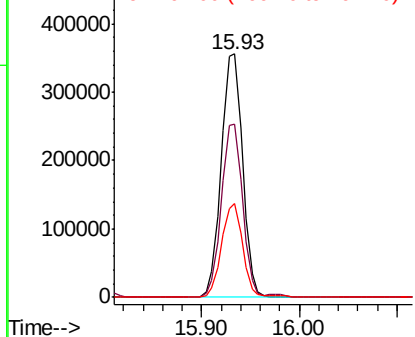
#65
 n-Nitrosodiphenylamine
 Concen: 35.882 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.2	57.6	86.4
167	38.3	31.0	46.4

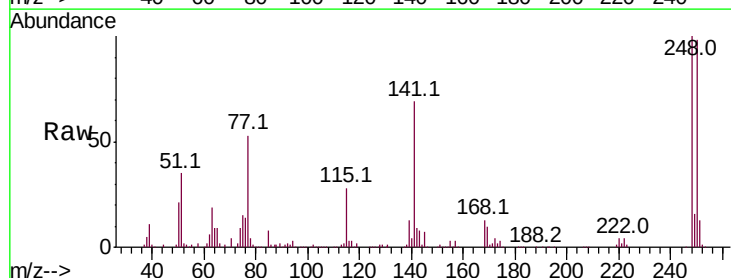


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

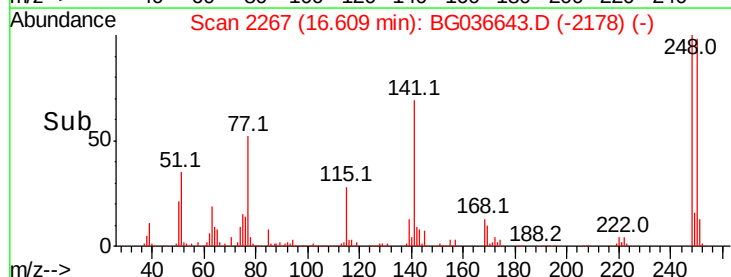
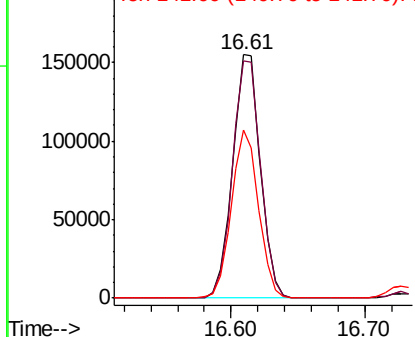


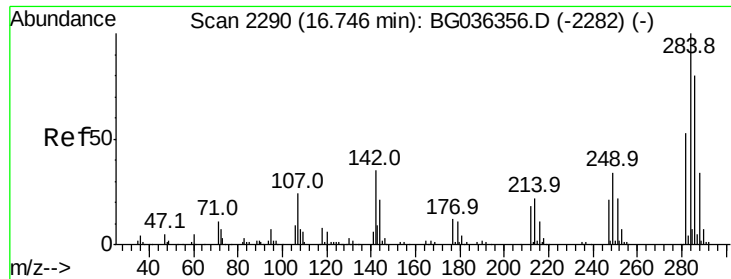
#66
 4-Bromophenyl-phenylether
 Concen: 37.922 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.1	117.1
141	69.1	53.7	80.5



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.059 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

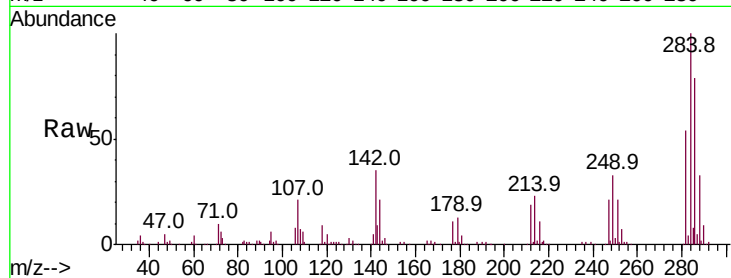
Tot Ion:284 Resp: 236966

Ion Ratio Lower Upper

284 100

142 34.5 27.8 41.6

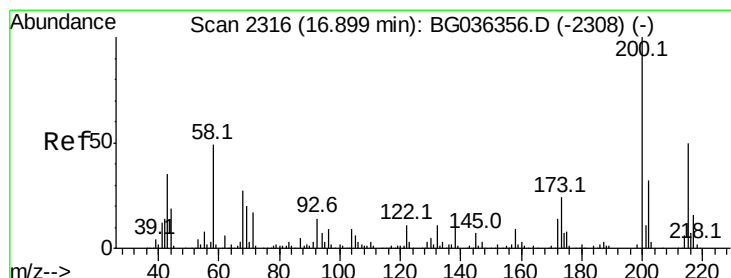
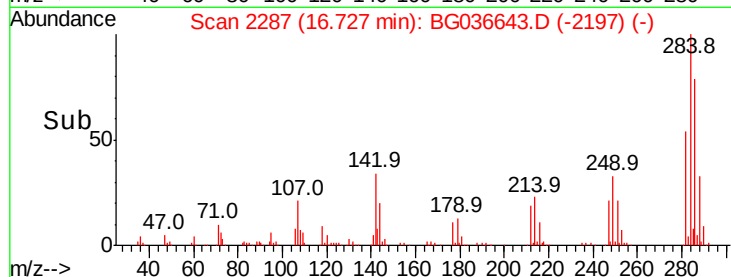
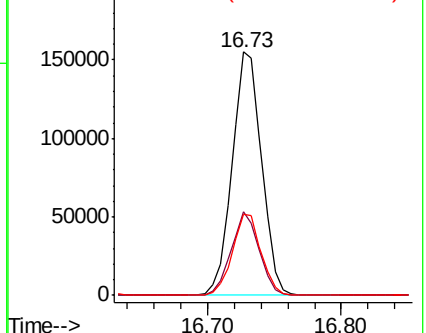
249 33.2 27.4 41.2



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: 31.838 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

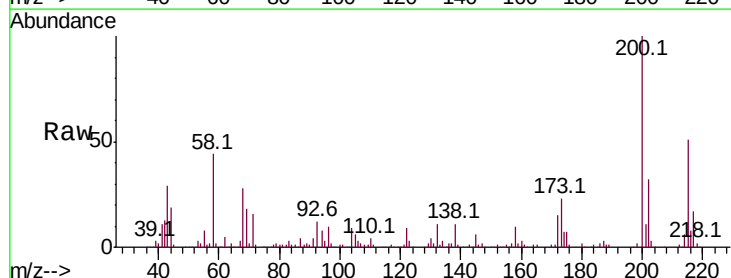
Tgt Ion:200 Resp: 179946

Ion Ratio Lower Upper

200 100

173 23.1 3.9 43.9

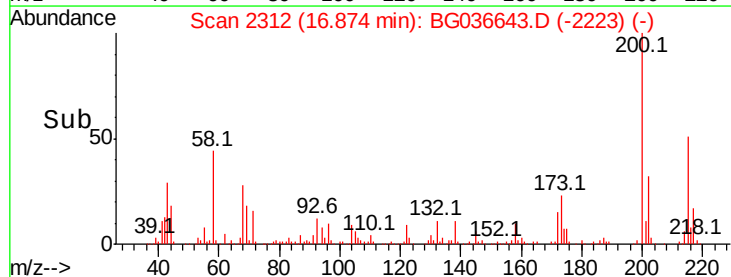
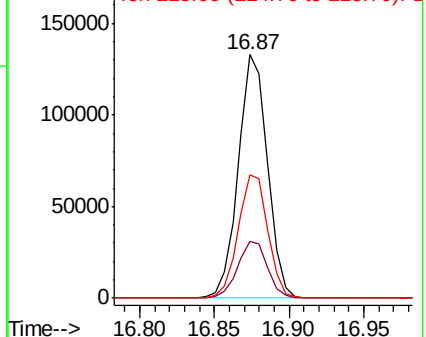
215 50.6 30.4 70.4

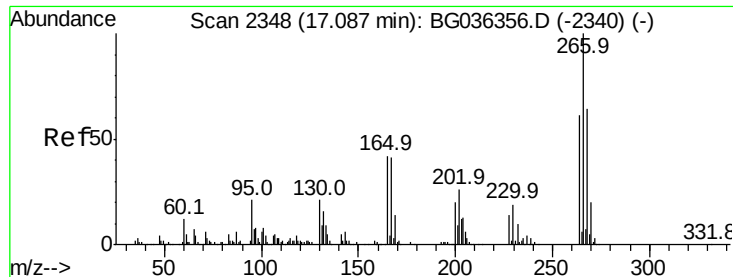


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

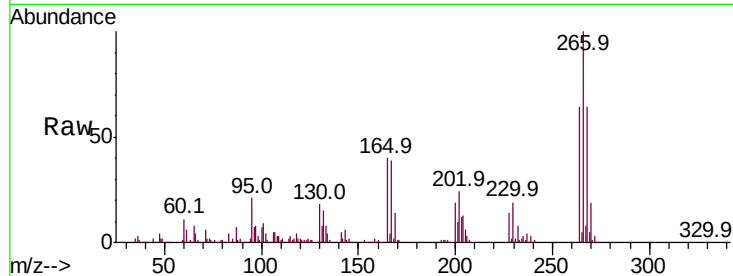




#69
 Pentachlorophenol
 Concen: 45.049 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	63.7	48.9	73.3

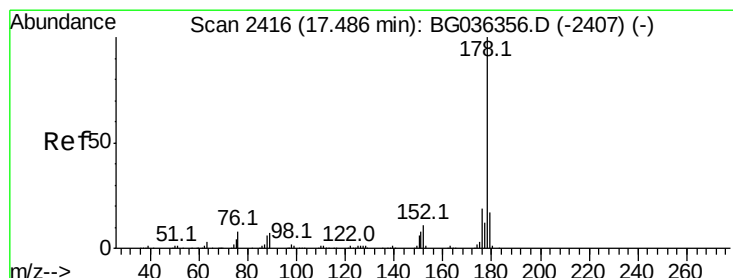
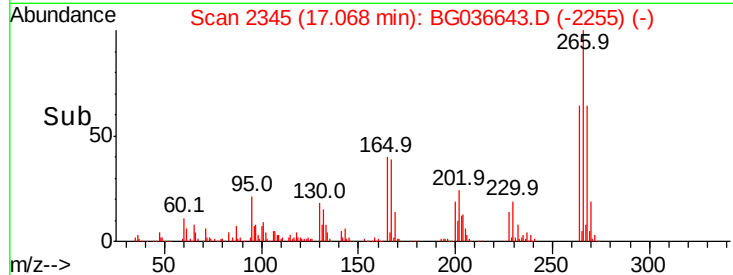
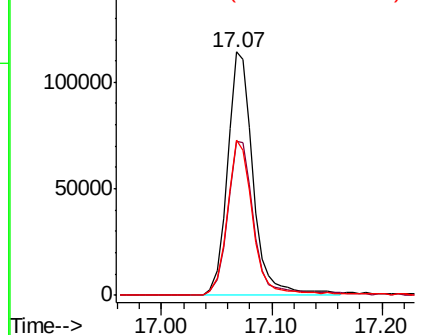


Abundance

Ion 265.70 (265.40 to 266.40): E

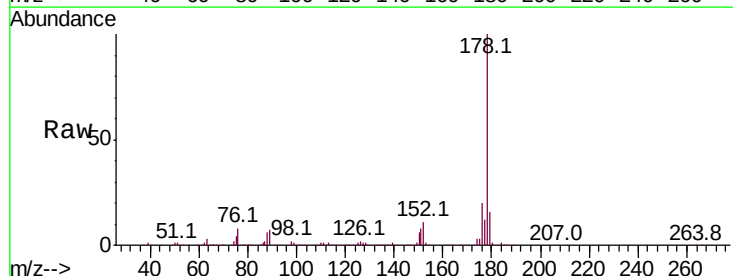
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 36.936 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.2	13.4	20.2

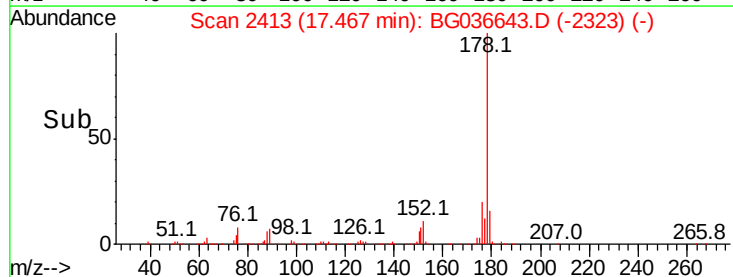
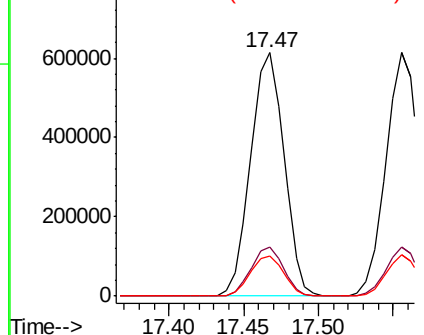


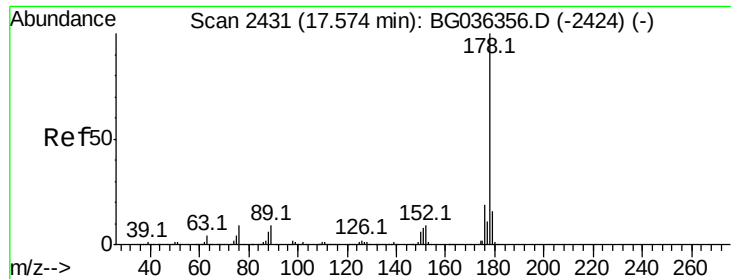
Abundance

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

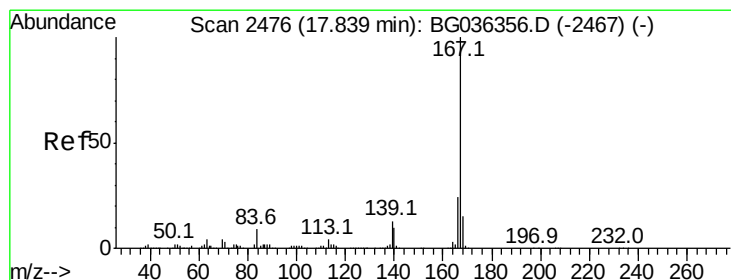
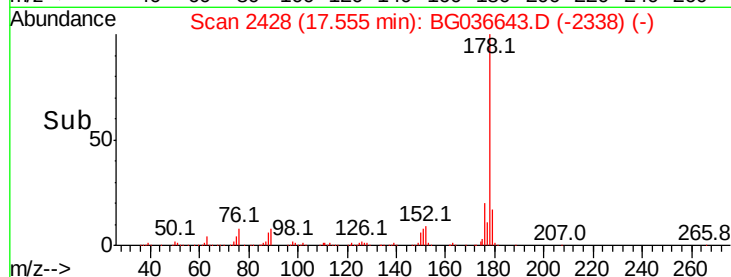
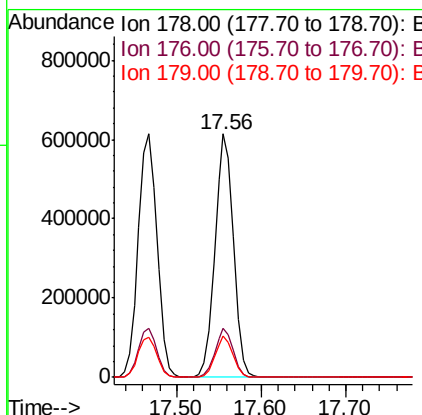
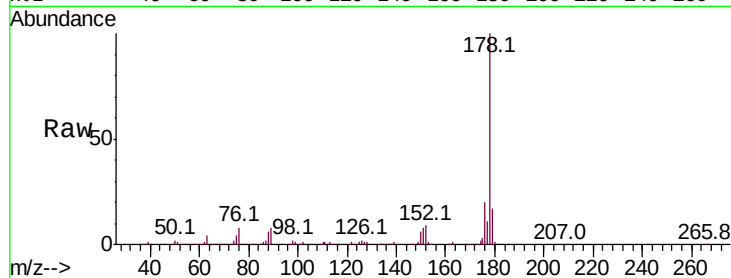




#71
 Anthracene
 Concen: 36.938 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

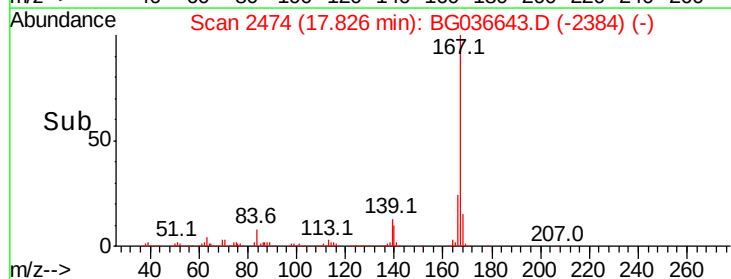
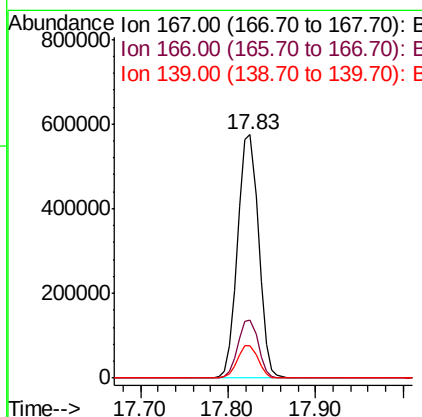
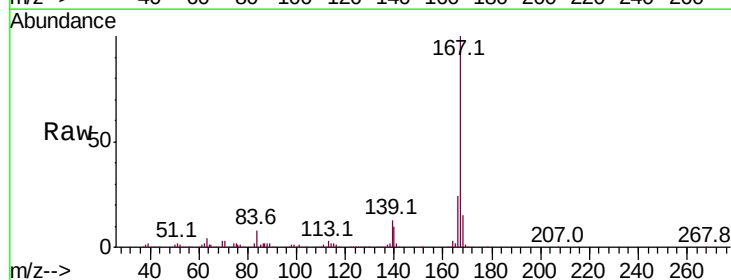
Instrument :
 BNA_G
 ClientSampleId :

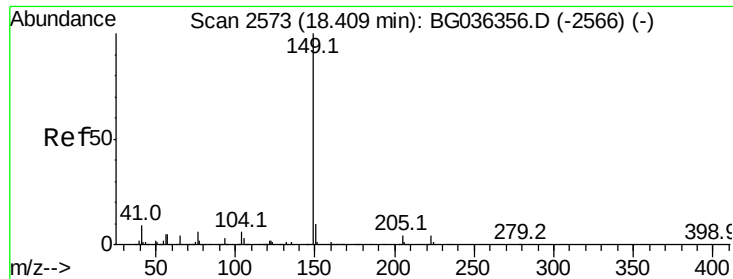
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.8	13.0	19.4



#72
 Carbazole
 Concen: 36.140 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.5	29.3
139	13.3	10.7	16.1





#73

Di-n-butylphthalate

Concen: 35.991 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

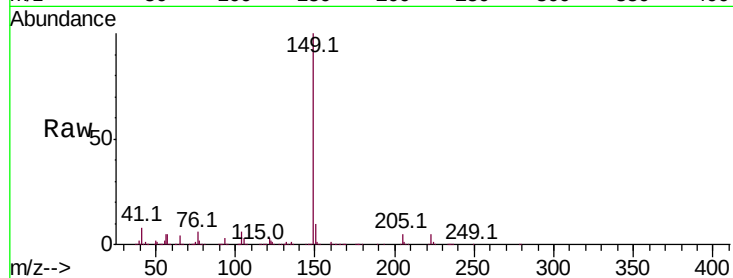
Tot Ion:149 Resp: 1027391

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

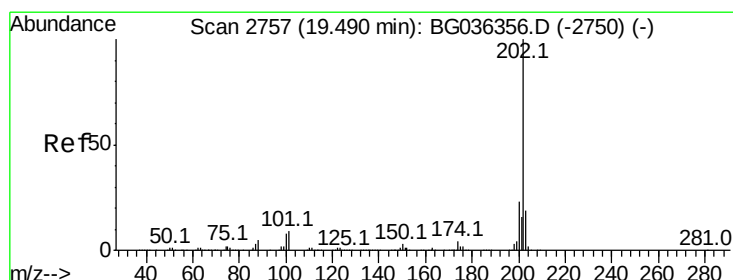
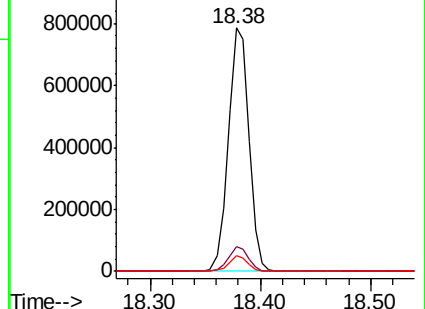
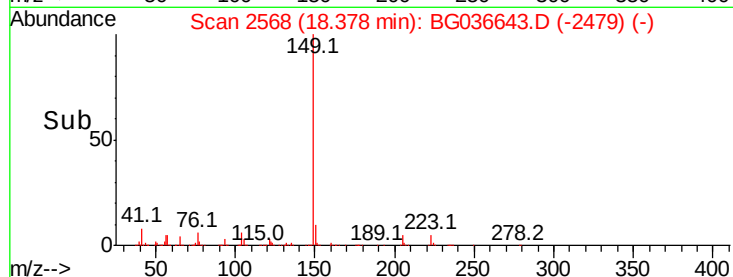
104 6.2 4.6 6.8



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: 36.700 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

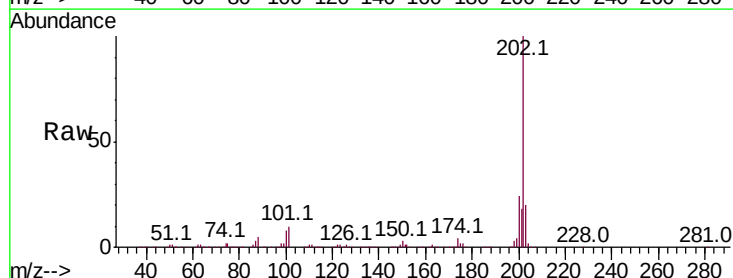
Tgt Ion:202 Resp: 1152197

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.4

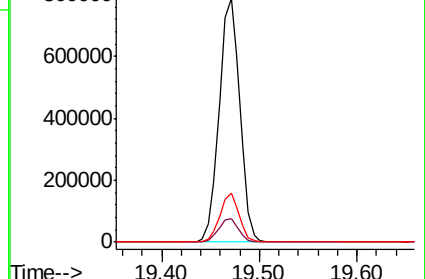
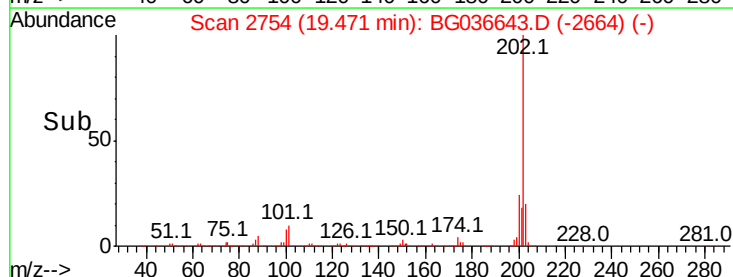
203 20.0 0.0 38.9

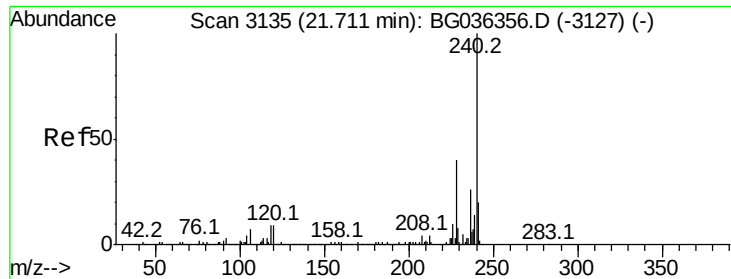


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3132

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

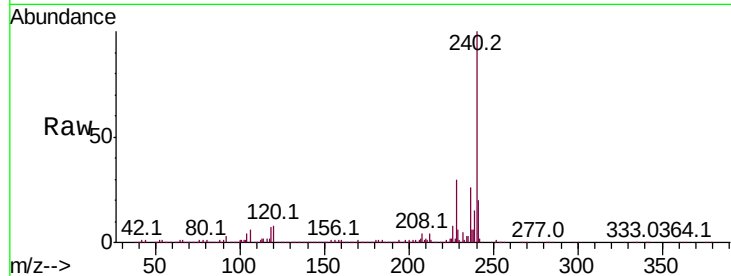
Tot Ion:240 Resp: 518393

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

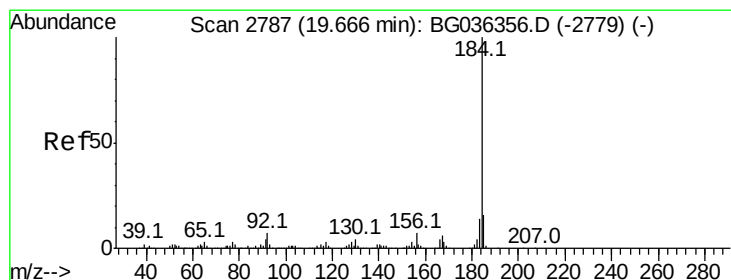
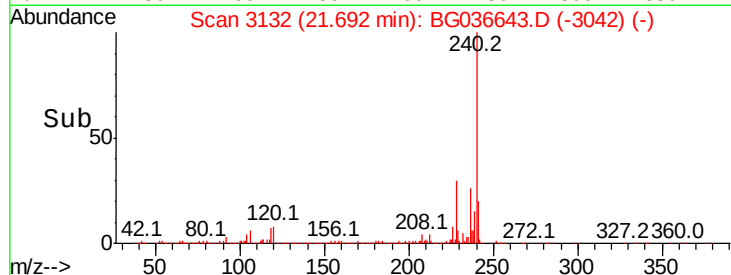
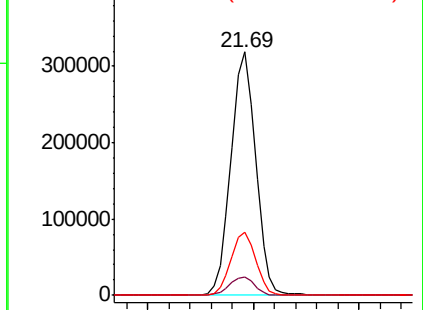
236 26.1 21.2 31.8



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: 30.888 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

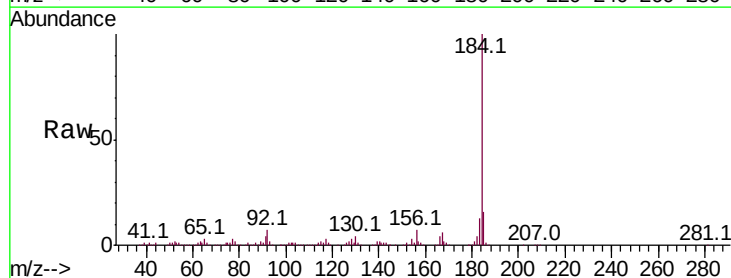
Tgt Ion:184 Resp: 510854

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

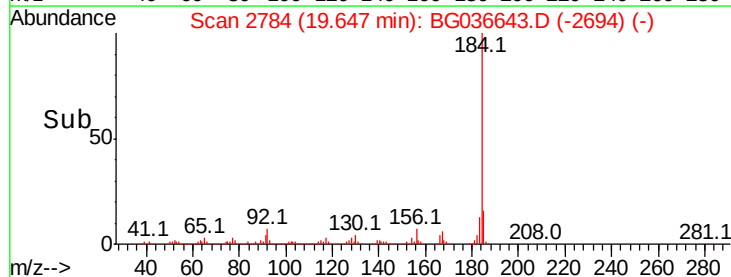
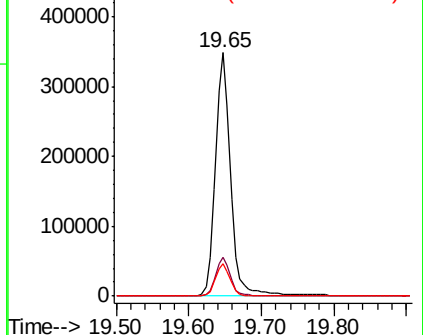
183 13.3 10.9 16.3

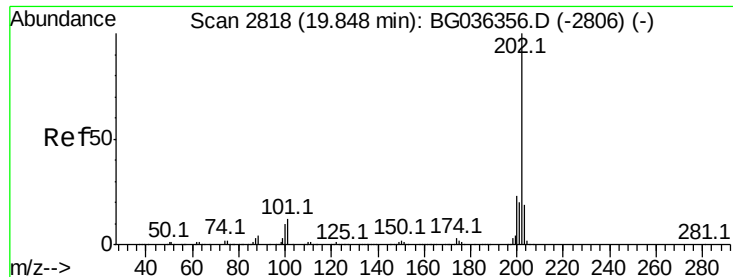


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.706 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

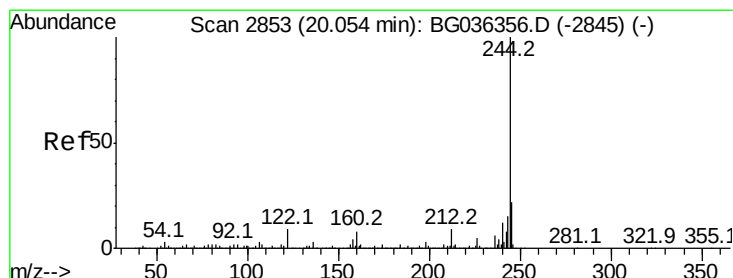
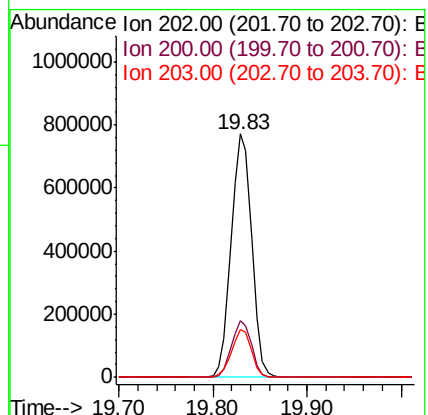
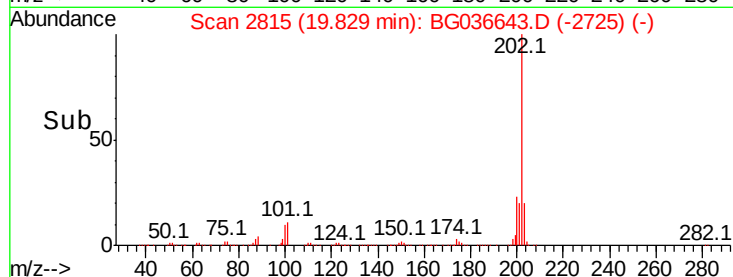
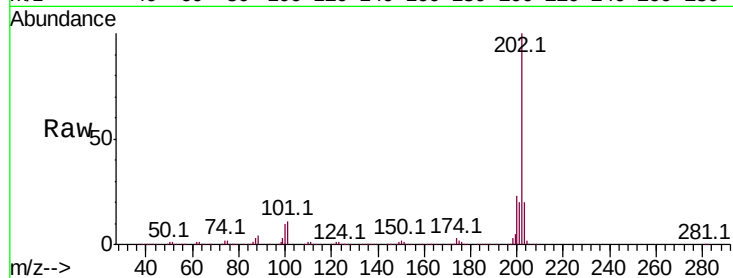
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1170113

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.3	27.5
203	19.7	15.1	22.7



#78

Terphenyl-d14

Concen: 73.497 ng

RT: 20.03 min Scan# 2849

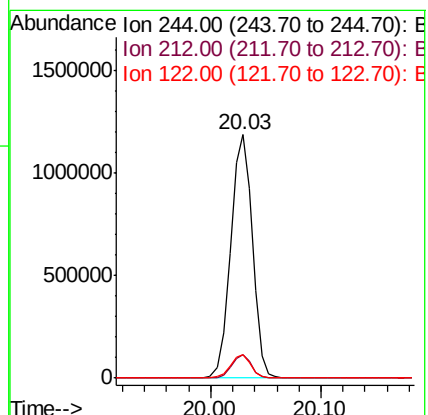
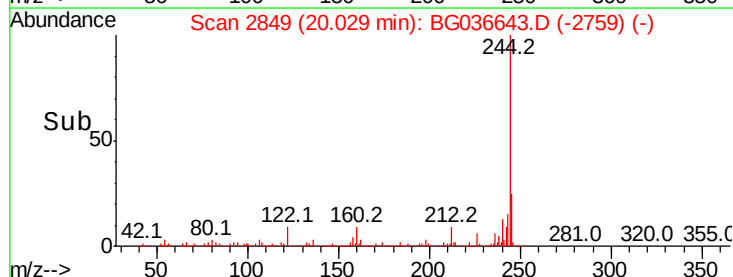
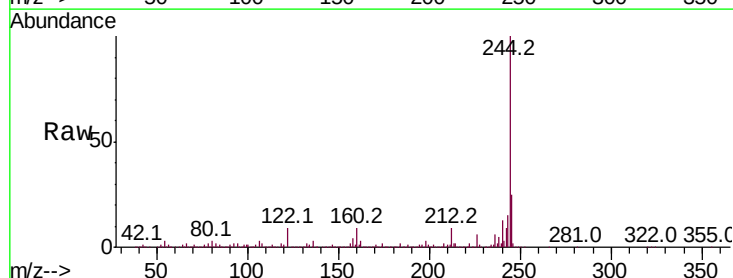
Delta R.T. -0.00 min

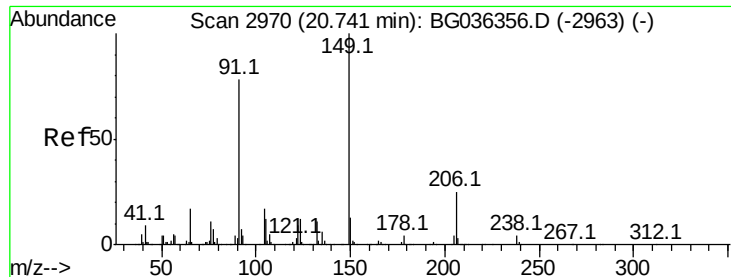
Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Tgt Ion:244 Resp: 1630069

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	9.4	7.1	10.7

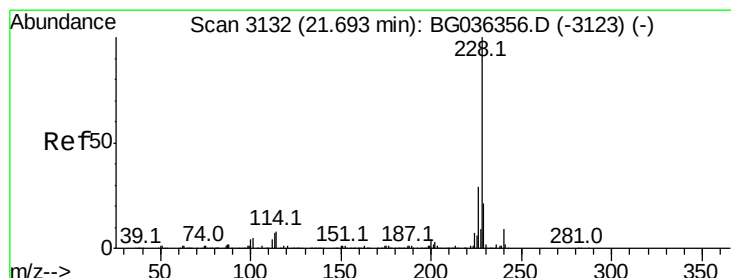
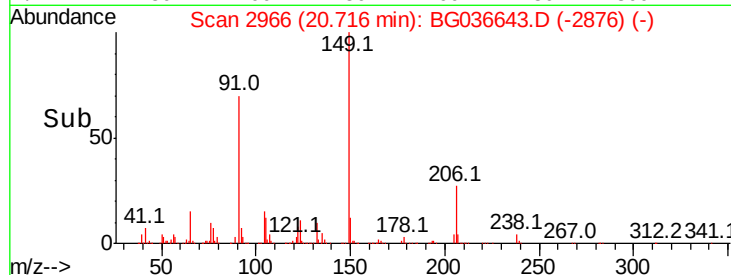
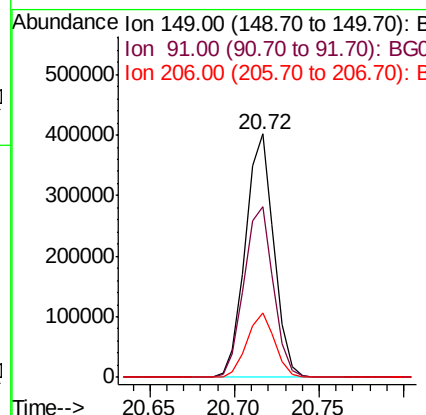
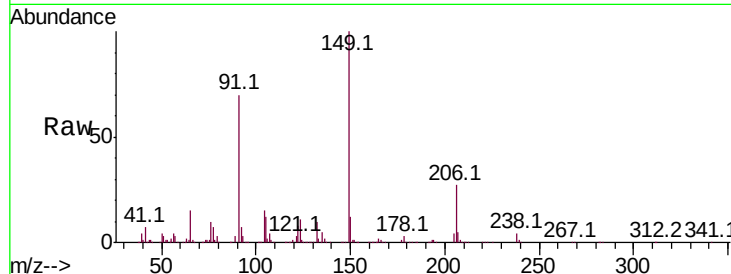




#79
Butylbenzylphthalate
Concen: 37.128 ng
RT: 20.72 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

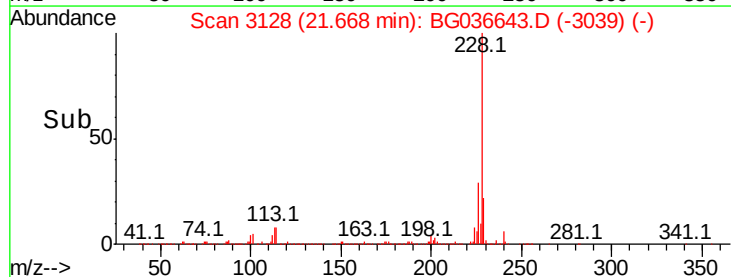
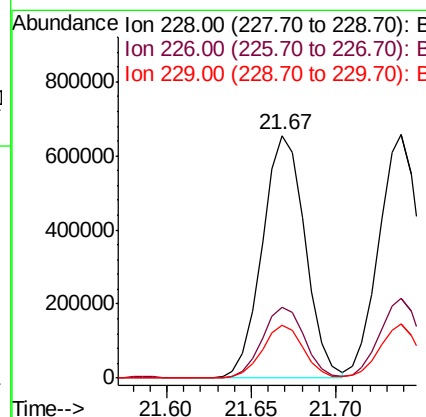
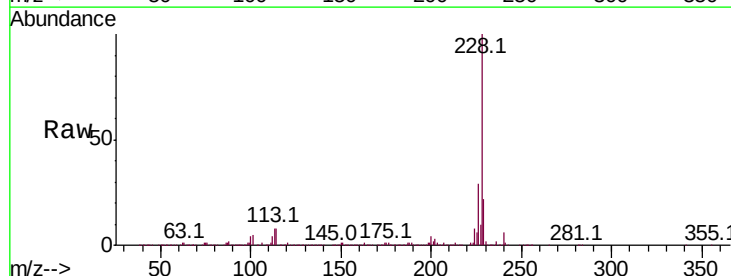
Instrument :
BNA_G
ClientSampled :

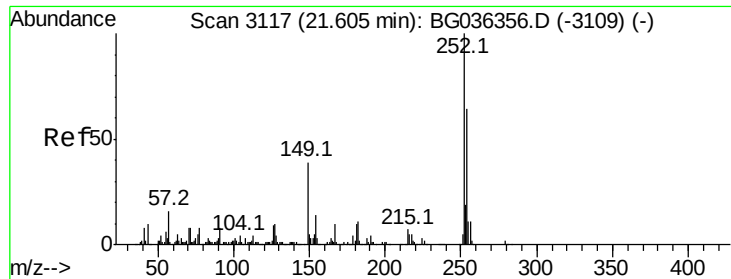
Tot Ion:149 Resp: 471020
Ion Ratio Lower Upper
149 100
91 70.1 62.0 93.0
206 26.5 19.6 29.4



#80
Benzo(a)anthracene
Concen: 36.738 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036643.D
Acq: 11 Sep 2018 2:48

Tgt Ion:228 Resp: 1153763
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 22.1 17.1 25.7

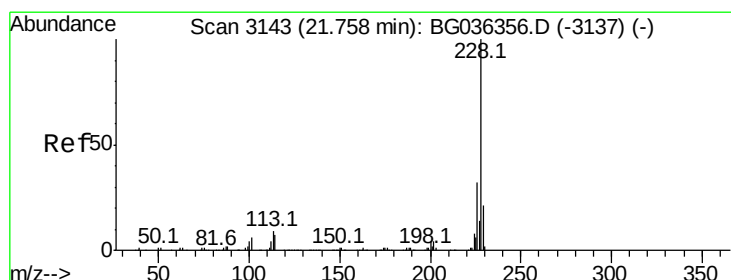
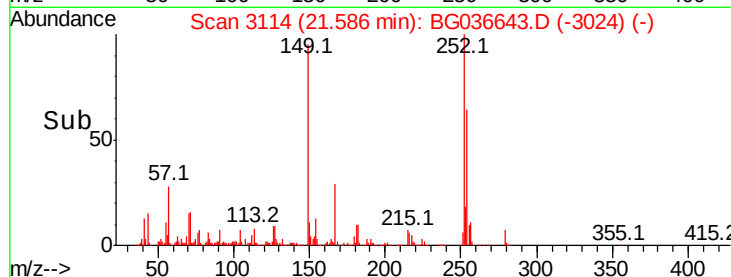
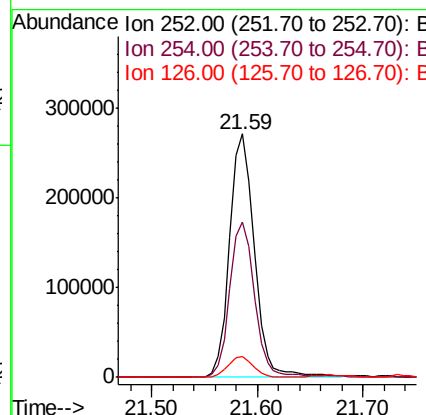
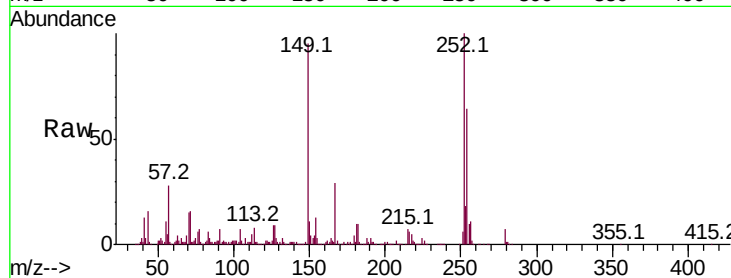




#81
 3,3'-Dichlorobenzidine
 Concen: 35.267 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

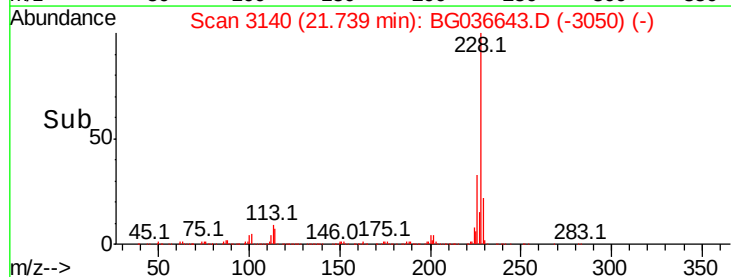
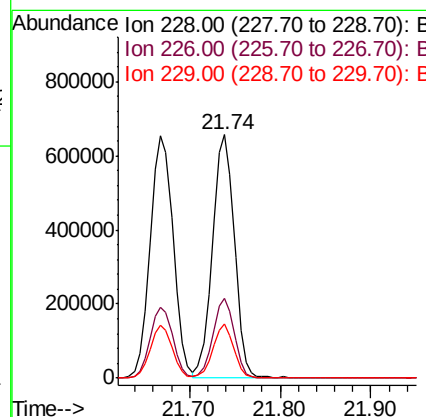
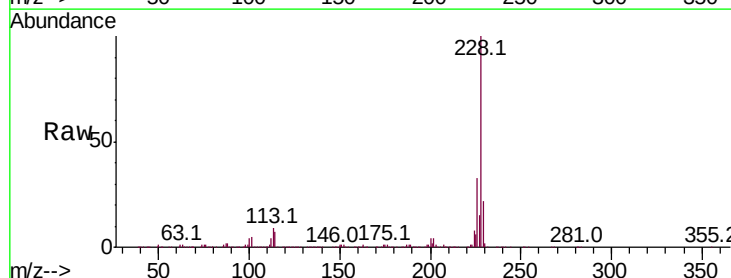
Instrument :
 BNA_G
 ClientSampleId :

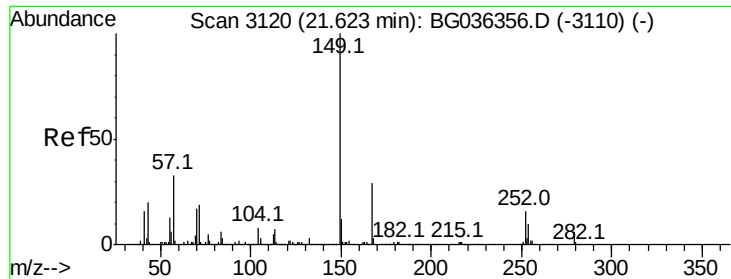
Tot Ion:252 Resp: 441415
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.0 76.4
 126 8.6 7.4 11.0



#82
 Chrysene
 Concen: 37.096 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion:228 Resp: 1104261
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.5 38.3
 229 22.3 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.285 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

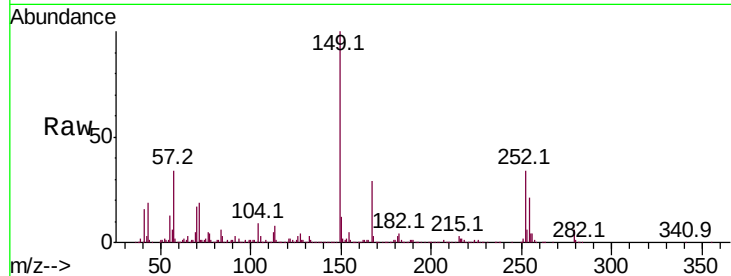
Tot Ion:149 Resp: 644172

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

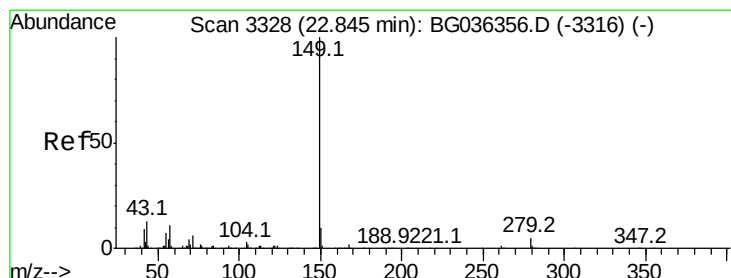
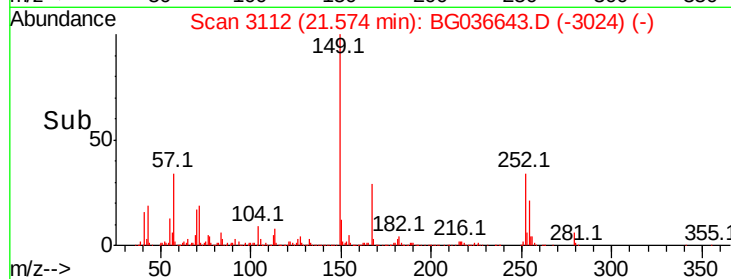
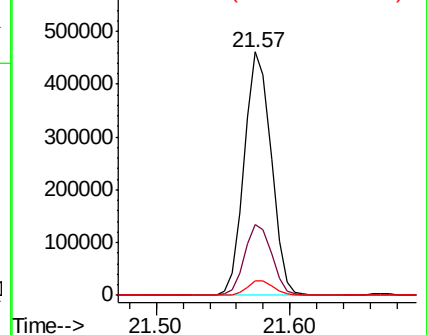
279 5.7 4.6 7.0



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: 35.955 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

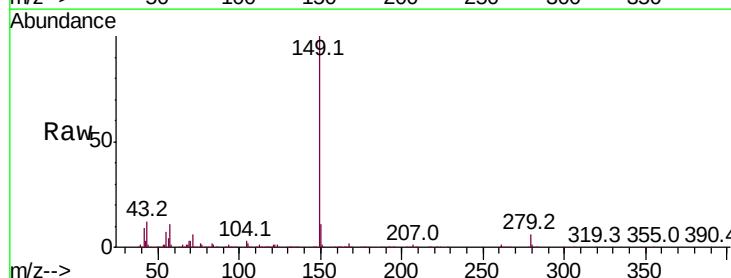
Tgt Ion:149 Resp: 1066179

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

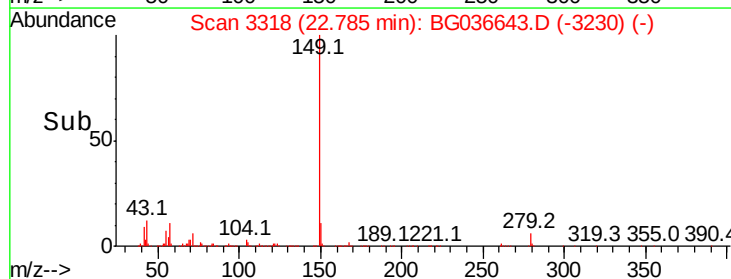
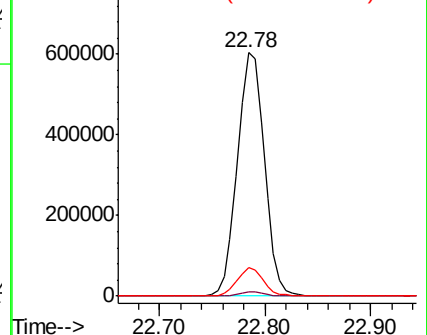
43 11.5 10.0 15.0

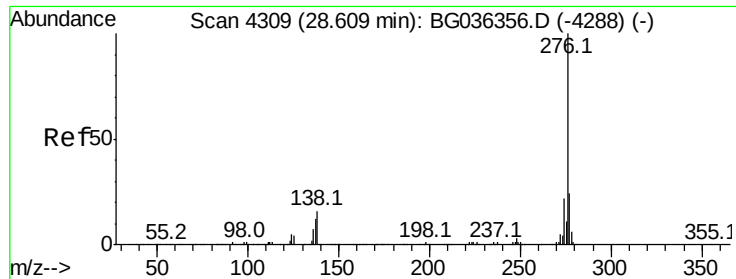


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

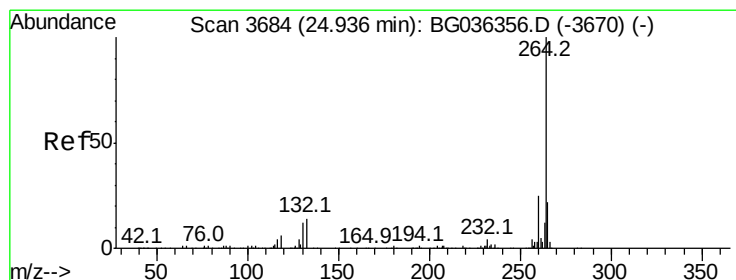
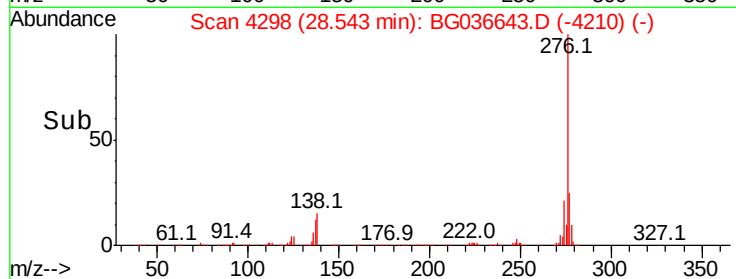
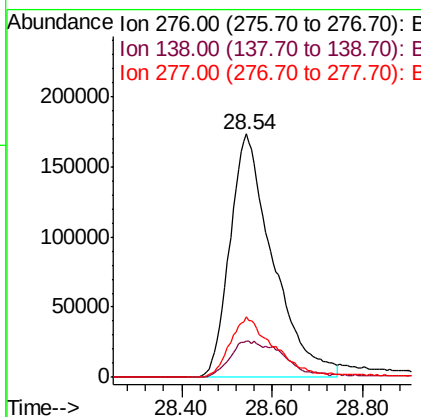
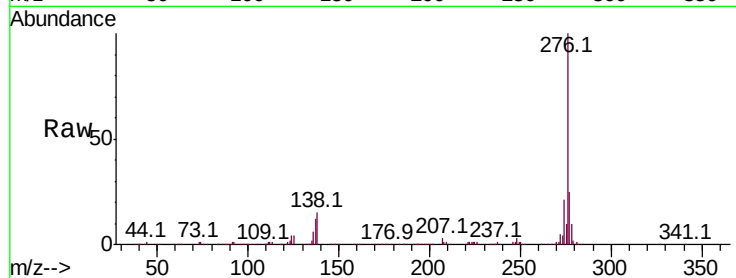




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.979 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

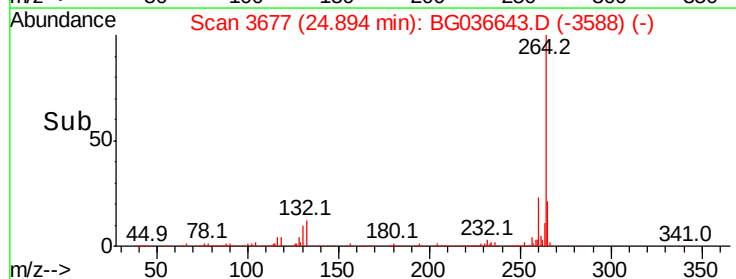
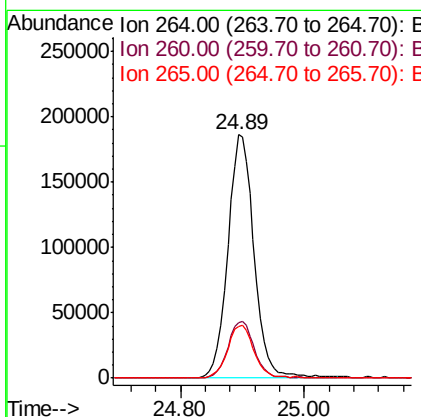
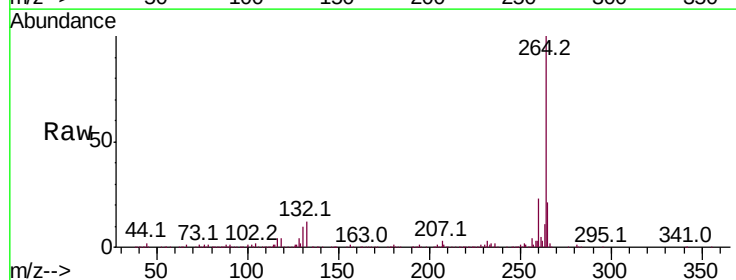
Instrument :
 BNA_G
 ClientSampleId :

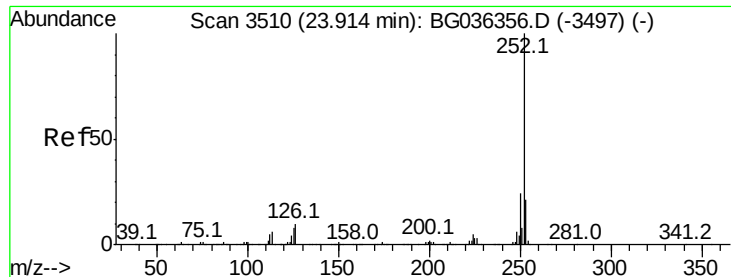
Tot Ion:276 Resp: 1140261
 Ion Ratio Lower Upper
 276 100
 138 18.5 10.6 15.8#
 277 25.2 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036643.D
 Acq: 11 Sep 2018 2:48

Tgt Ion:264 Resp: 548041
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 36.629 ng

RT: 23.88 min Scan# 3505

Delta R.T. -0.00 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

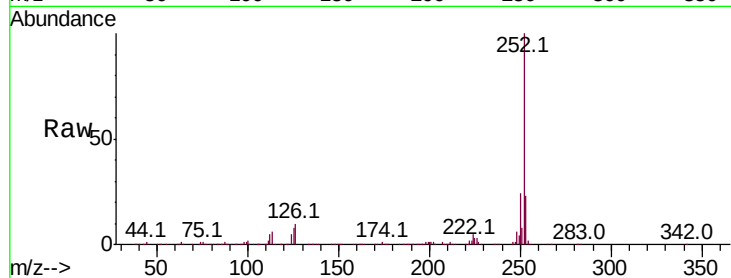
Tot Ion:252 Resp: 1114722

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 8.4 6.6 10.0

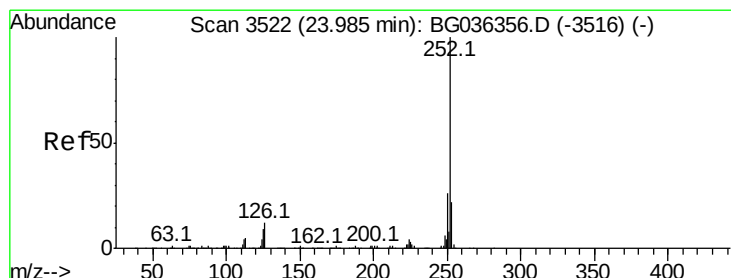
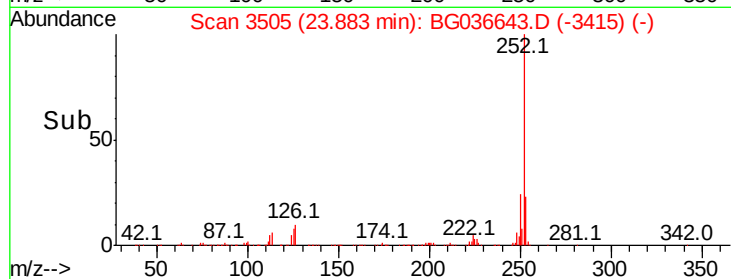
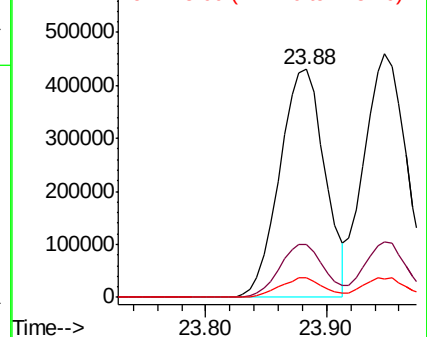


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.259 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

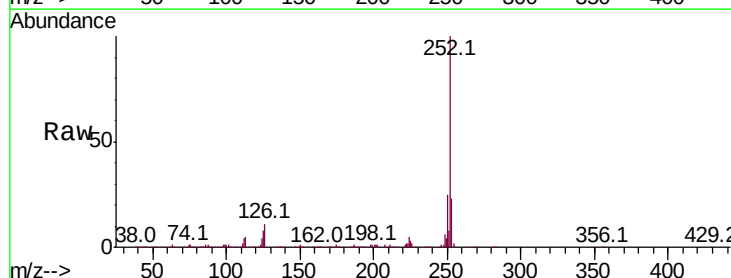
Tgt Ion:252 Resp: 1137496

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 7.7 7.0 10.6

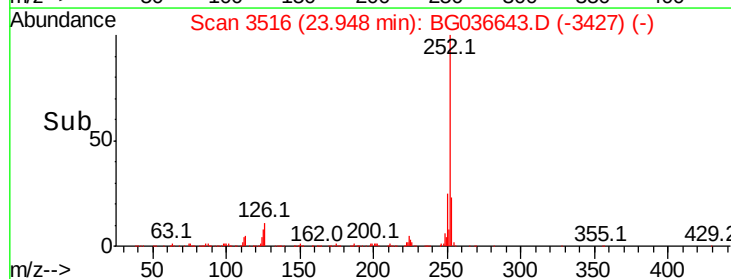
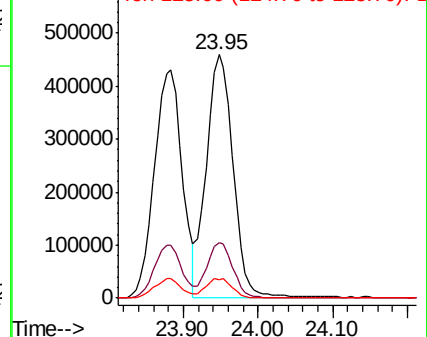


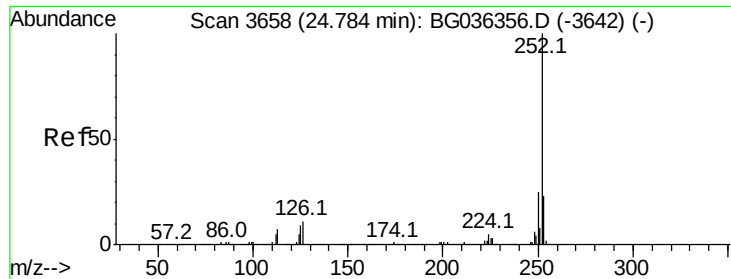
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.110 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

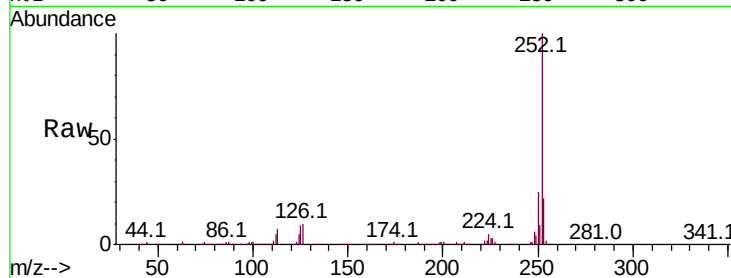
Tot Ion:252 Resp: 1085228

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

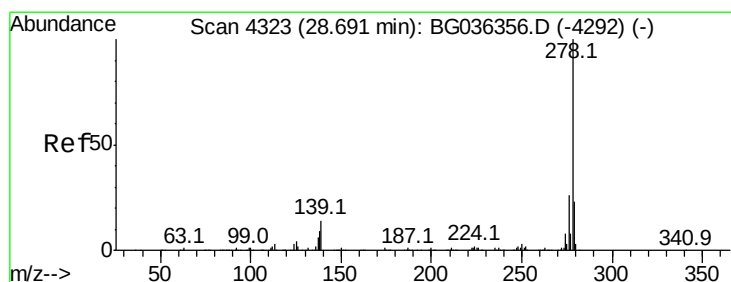
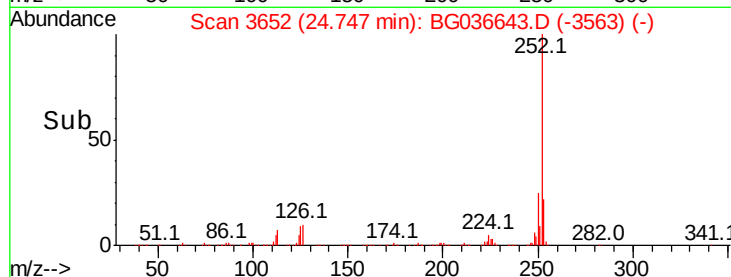
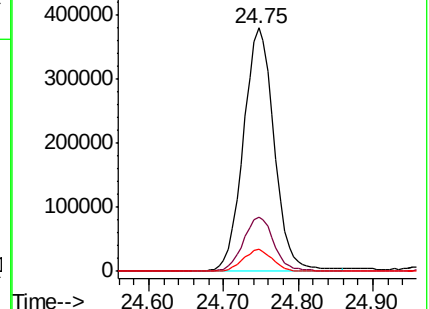
125 9.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.128 ng

RT: 28.61 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

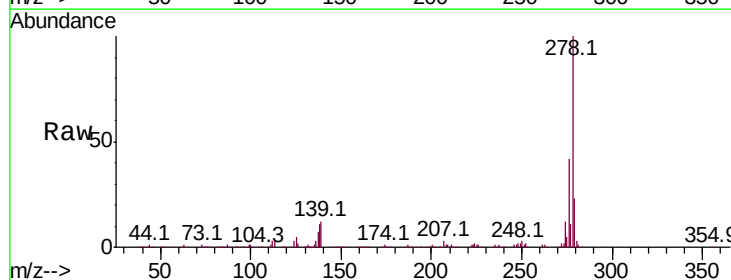
Tgt Ion:278 Resp: 907021

Ion Ratio Lower Upper

278 100

139 11.7 11.0 16.4

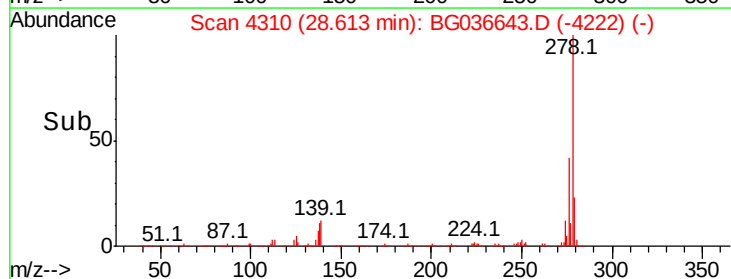
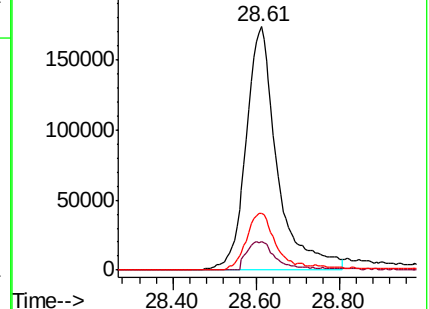
279 23.4 18.7 28.1

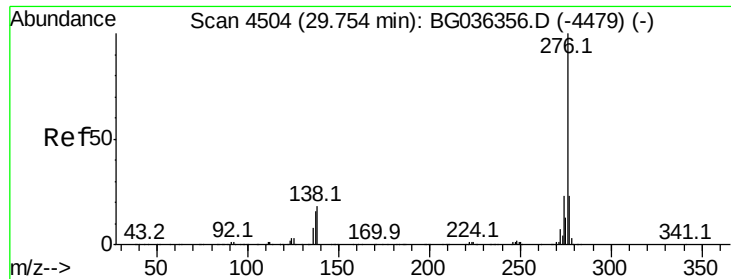


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.210 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.01 min

Lab File: BG036643.D

Acq: 11 Sep 2018 2:48

Instrument :

BNA_G

ClientSampleId :

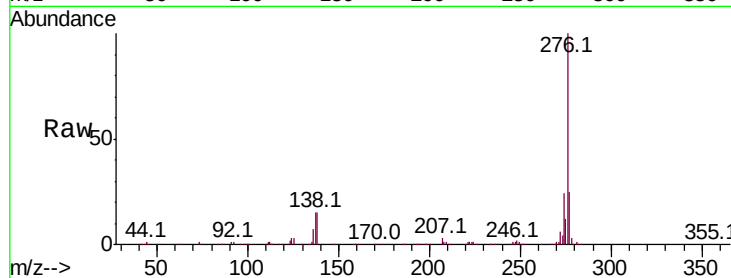
Tot Ion:276 Resp: 942191

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 15.3 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

