

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036355.D
 Acq On : 22 Aug 2018 23:10
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 01:16:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 01:15:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48898	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209504	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	132295	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	335813	20.00	ng	0.00
75) Chrysene-d12	21.71	240	356777	20.00	ng	0.00
86) Perylene-d12	24.94	264	377829	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149821	50.57	ng	0.00
7) Phenol-d6	7.22	99	216293	49.25	ng	0.00
23) Nitrobenzene-d5	9.23	82	189867	38.96	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	79082	45.35	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	467112	47.39	ng	0.00
78) Terphenyl-d14	20.05	244	794173	49.22	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	33535	22.397	ng	99
3) Pyridine	3.94	79	99508	25.367	ng	99
4) n-Nitrosodimethylamine	3.85	42	43818	25.766	ng	98
6) Aniline	7.39	93	135981	23.945	ng	95
8) 2-Chlorophenol	7.63	128	80350	26.395	ng	97
9) Benzaldehyde	7.21	77	75958	28.004	ng	97
10) Phenol	7.24	94	110984	24.908	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	88231	25.233	ng	97
12) 1,3-Dichlorobenzene	7.96	146	91428	25.103	ng	99
13) 1,4-Dichlorobenzene	8.11	146	93342	25.252	ng	99
14) 1,2-Dichlorobenzene	8.43	146	86217	24.301	ng	96
15) Benzyl Alcohol	8.30	79	85947	21.856	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	178930	50.590	ng	99
17) 2-Methylphenol	8.50	107	72850	24.196	ng	96
18) Hexachloroethane	9.16	117	32730	23.254	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	78526	21.537	ng	96
20) 3+4-Methylphenols	8.83	107	101949	24.455	ng	99
22) Acetophenone	8.90	105	136224	21.274	ng	# 97
24) Nitrobenzene	9.28	77	103376	20.847	ng	99
25) Isophorone	9.79	82	189895	20.844	ng	98
26) 2-Nitrophenol	9.99	139	37474	21.173	ng	99
27) 2,4-Dimethylphenol	10.04	122	72751	23.966	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	113223	22.269	ng	97
29) 2,4-Dichlorophenol	10.52	162	82637	23.985	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	95555	22.717	ng	98
31) Naphthalene	10.93	128	260149	23.800	ng	98
32) Benzoic acid	10.14	122	45022	21.802	ng	99
33) 4-Chloroaniline	11.03	127	118096	24.631	ng	96
34) Hexachlorobutadiene	11.22	225	65248	20.180	ng	97
35) Caprolactam	11.79	113	34008	22.939	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	95039	20.905	ng	99
37) 2-Methylnaphthalene	12.53	142	192937	23.819	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	115508	23.121	ng	98
40) Hexachlorocyclopentadiene	12.88	237	58488	22.440	ng	93

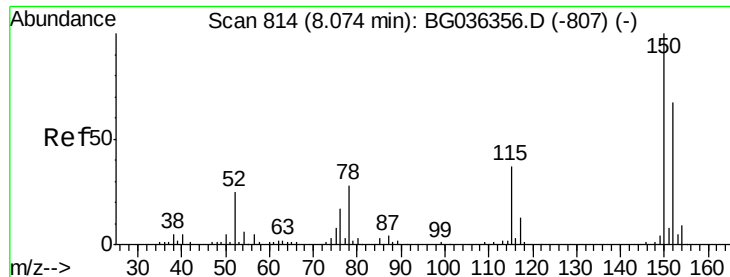
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036355.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	71119	24.382	ng	97
43) 2,4,5-Trichlorophenol	13.20	196	77282	23.555	ng	98
45) 1,1'-Biphenyl	13.54	154	274205	26.369	ng	97
46) 2-Chloronaphthalene	13.58	162	209195	25.814	ng	99
47) 2-Nitroaniline	13.77	65	66373	23.470	ng	96
48) Acenaphthylene	14.42	152	328761	24.496	ng	99
49) Dimethylphthalate	14.15	163	272966	23.530	ng	97
50) 2,6-Dinitrotoluene	14.27	165	54794	23.251	ng	97
51) Acenaphthene	14.76	154	205753	24.456	ng	99
52) 3-Nitroaniline	14.59	138	61686	25.249	ng	98
53) 2,4-Dinitrophenol	14.79	184	18401	18.062	ng #	77
54) Dibenzofuran	15.09	168	330843	24.849	ng	97
55) 4-Nitrophenol	14.88	139	48178	27.016	ng	92
56) 2,4-Dinitrotoluene	15.05	165	70126	21.077	ng	99
57) Fluorene	15.75	166	249444	22.603	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	73214	23.452	ng	97
59) Diethylphthalate	15.52	149	279060	23.476	ng	98
60) 4-Chlorophenyl-phenylether	15.74	204	151770	23.309	ng	98
61) 4-Nitroaniline	15.75	138	66621	26.110	ng	94
62) Azobenzene	16.03	77	282153	23.993	ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	32650	17.990	ng	93
65) n-Nitrosodiphenylamine	15.95	169	245333	25.495	ng	96
66) 4-Bromophenyl-phenylether	16.63	248	94376	24.152	ng	93
67) Hexachlorobenzene	16.75	284	100222	24.862	ng	95
68) Atrazine	16.90	200	99681	25.610	ng	98
69) Pentachlorophenol	17.09	266	70390	27.897	ng	96
70) Phenanthrene	17.48	178	433108	25.652	ng	98
71) Anthracene	17.57	178	430154	25.589	ng	99
72) Carbazole	17.84	167	438351	27.230	ng	98
73) Di-n-butylphthalate	18.41	149	498022	26.375	ng	100
74) Fluoranthene	19.49	202	544511	24.236	ng	99
76) Benzidine	19.67	184	272835	28.222	ng	98
77) Pyrene	19.85	202	553043	24.402	ng	99
79) Butylbenzylphthalate	20.74	149	220168	26.783	ng	98
80) Benzo(a)anthracene	21.69	228	542752	24.392	ng	98
81) 3,3'-Dichlorobenzidine	21.60	252	220822	27.856	ng	99
82) Chrysene	21.76	228	514116	24.808	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	312313	27.885	ng	98
84) Di-n-octyl phthalate	22.85	149	526792	28.056	ng	99
85) Indeno(1,2,3-cd)pyrene	28.60	276	591990	25.669	ng	99
87) Benzo(b)fluoranthene	23.91	252	519184	22.689	ng	97
88) Benzo(k)fluoranthene	23.98	252	510132	22.933	ng	100
89) Benzo(a)pyrene	24.78	252	501223	23.564	ng	100
90) Dibenzo(a,h)anthracene	28.68	278	482089	23.143	ng	97
91) Benzo(g,h,i)perylene	29.75	276	481794	23.561	ng	98

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

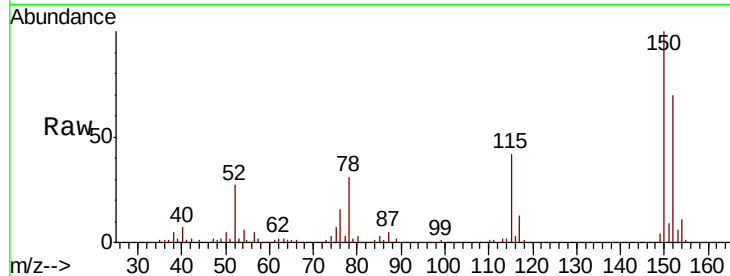


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	152	Resp	48898
Ion Ratio	100	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	60.1	44.5	66.7

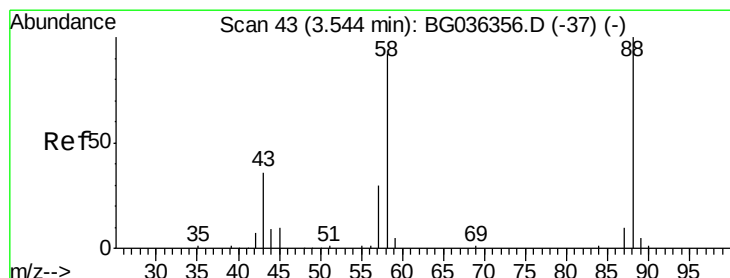
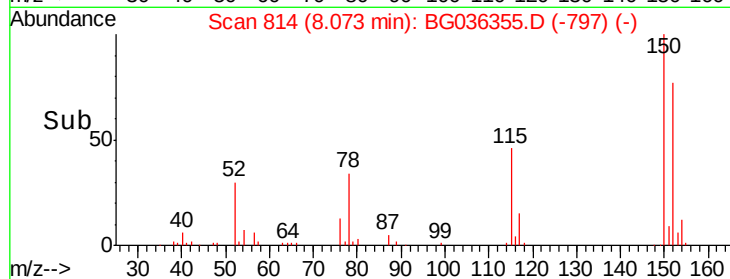
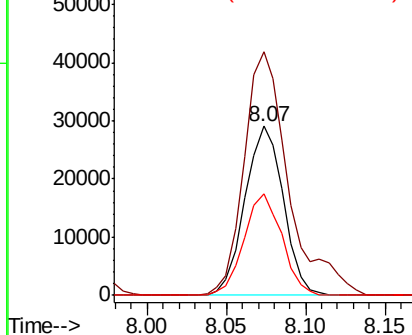


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

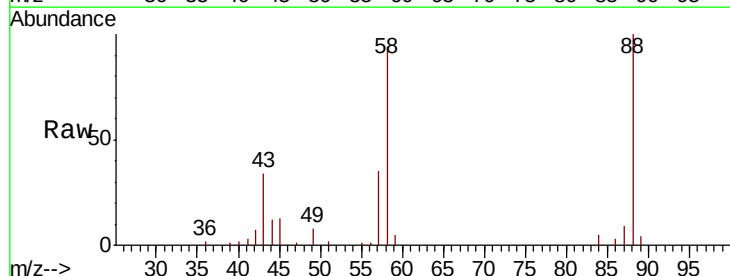
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 22.397 ng
 RT: 3.55 min Scan# 44
 Delta R.T. 0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion	88	Resp	33535
Ion Ratio	100	Lower	Upper
88	100		
58	91.8	72.6	109.0
43	36.6	29.0	43.4

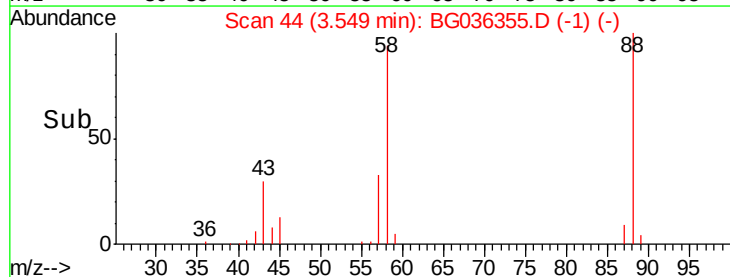
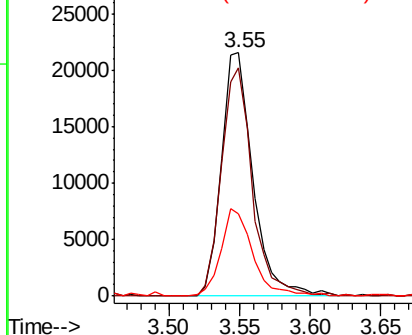


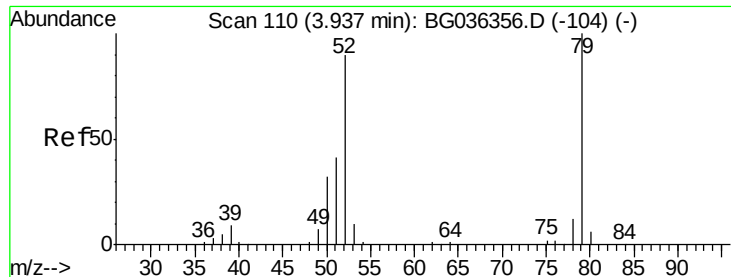
Abundance

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: 25.367 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

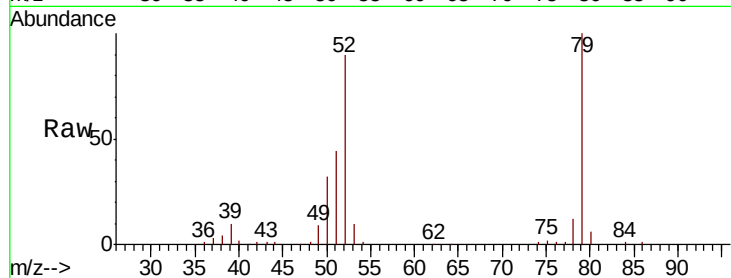
Tot Ion: 79 Resp: 99508

Ion Ratio Lower Upper

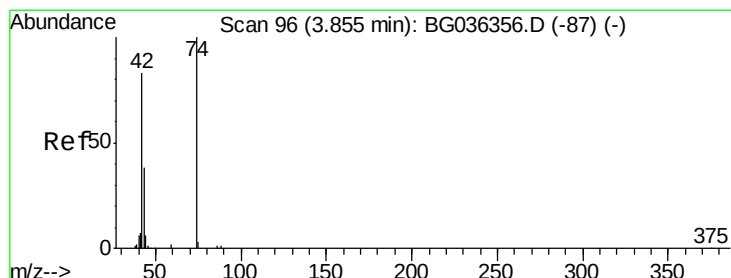
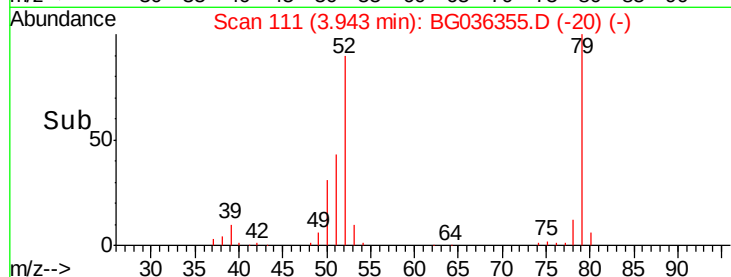
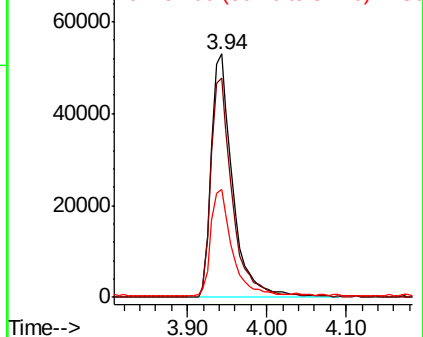
79 100

52 89.9 72.3 108.5

51 44.2 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: 25.766 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

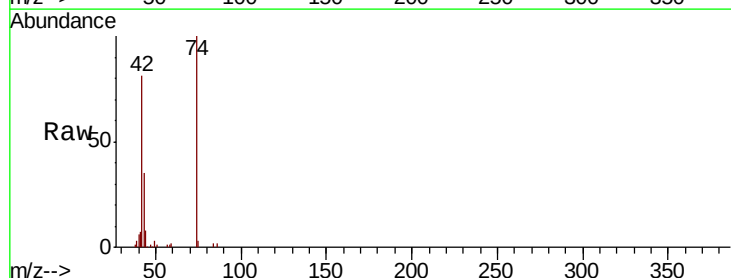
Tgt Ion: 42 Resp: 43818

Ion Ratio Lower Upper

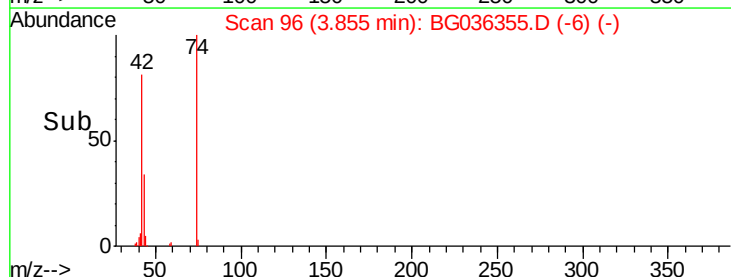
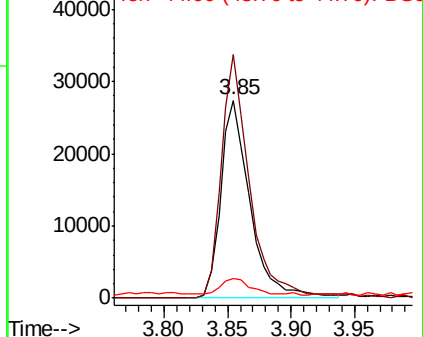
42 100

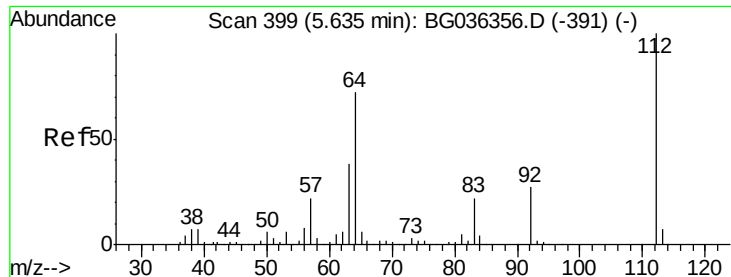
74 123.2 96.6 145.0

44 10.1 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 50.565 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

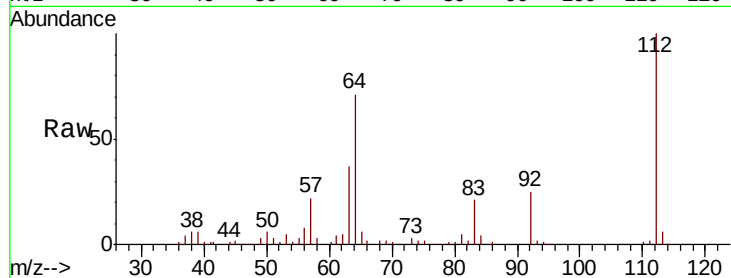
Tot Ion:112 Resp: 149821

Ion Ratio Lower Upper

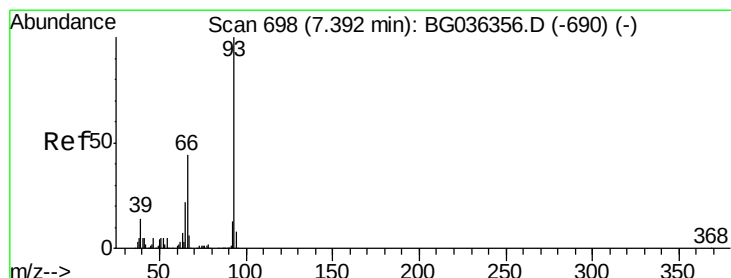
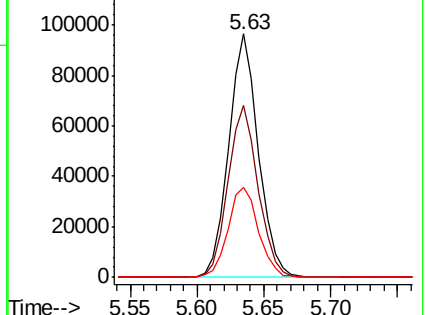
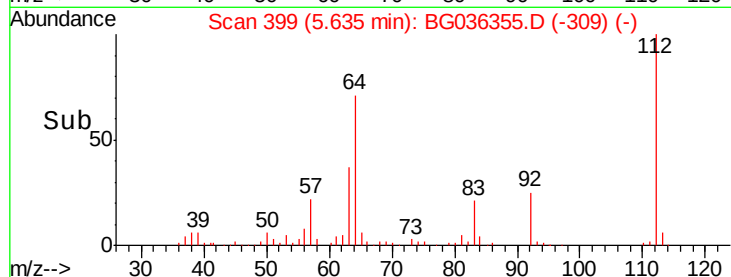
112 100

64 70.8 57.2 85.8

63 37.1 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: 23.945 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

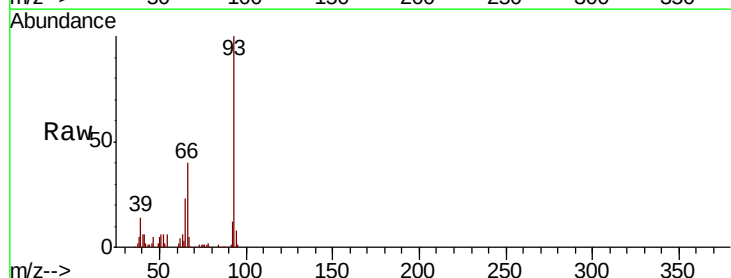
Tgt Ion: 93 Resp: 135981

Ion Ratio Lower Upper

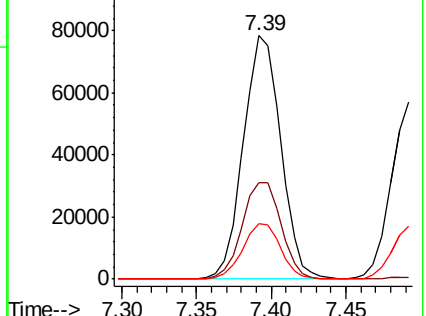
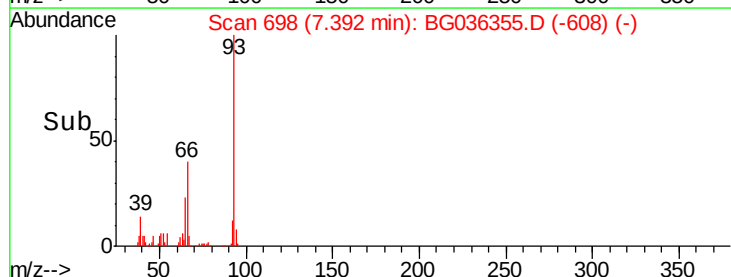
93 100

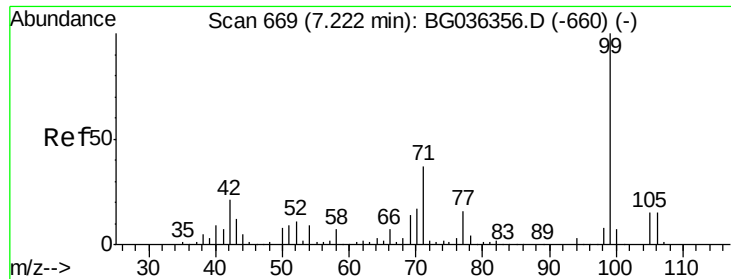
66 39.8 35.0 52.4

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: 49.248 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

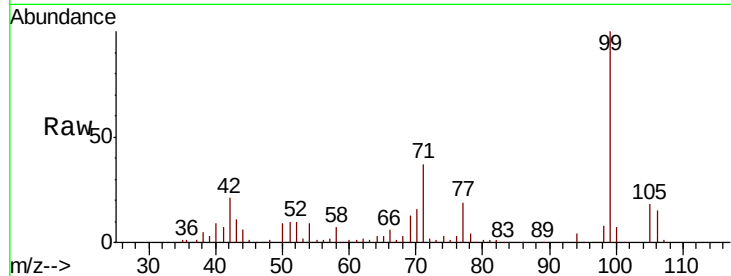
Tot Ion: 99 Resp: 216293

Ion Ratio Lower Upper

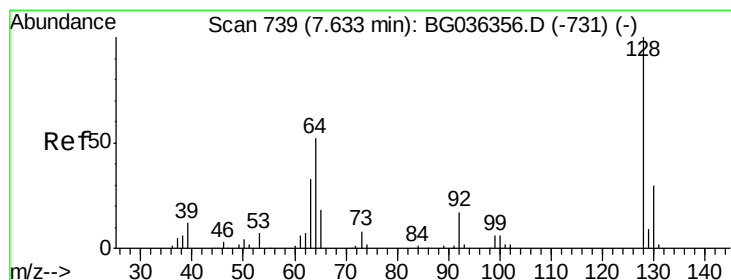
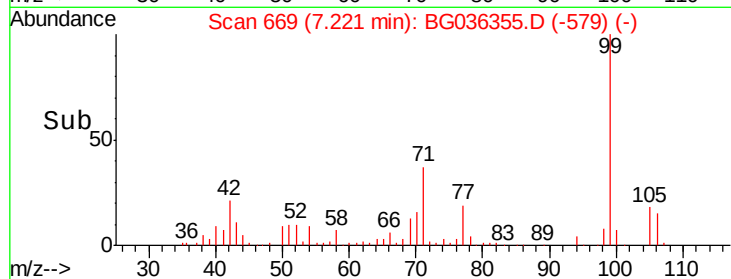
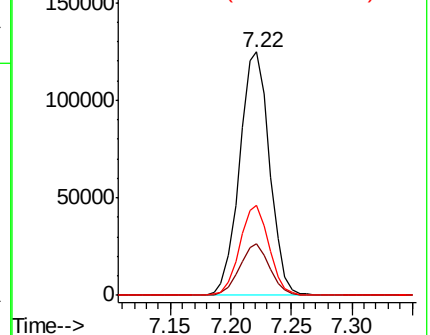
99 100

42 21.0 16.5 24.7

71 36.8 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: 26.395 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

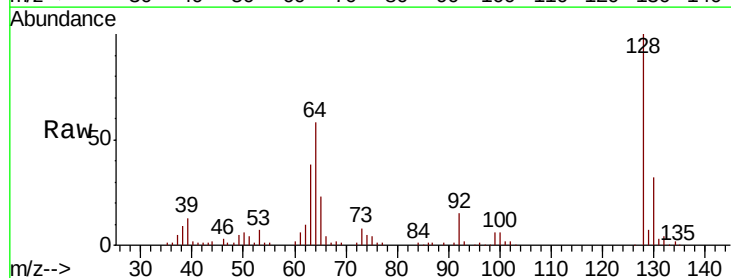
Tgt Ion: 128 Resp: 80350

Ion Ratio Lower Upper

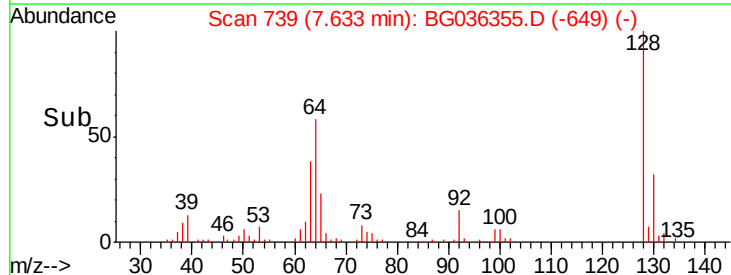
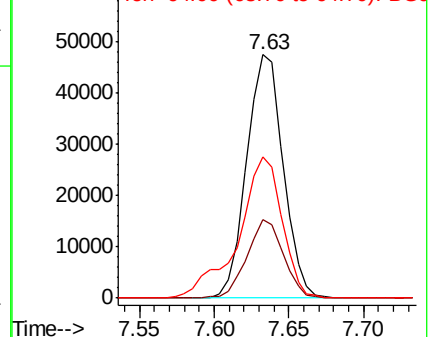
128 100

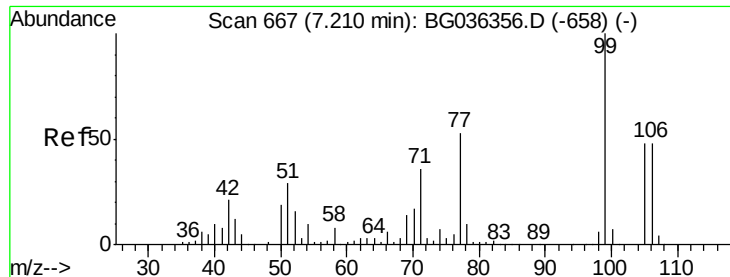
130 32.2 10.0 50.0

64 58.1 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: 28.004 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

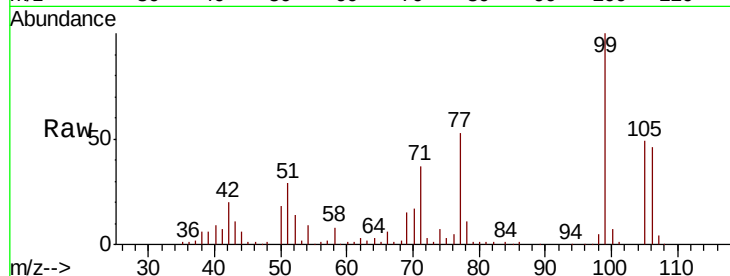
Tot Ion: 77 Resp: 75958

Ion Ratio Lower Upper

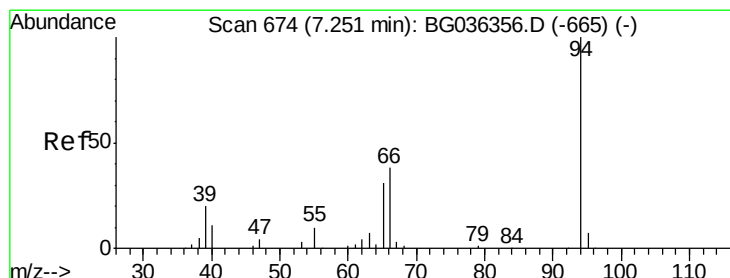
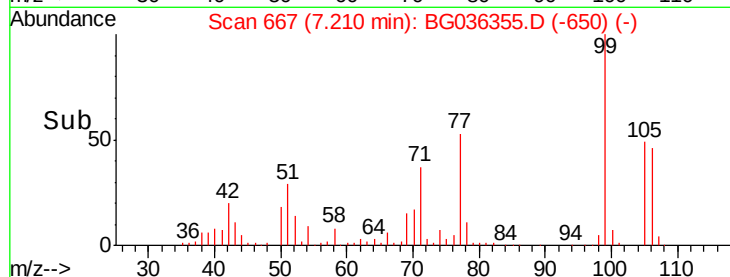
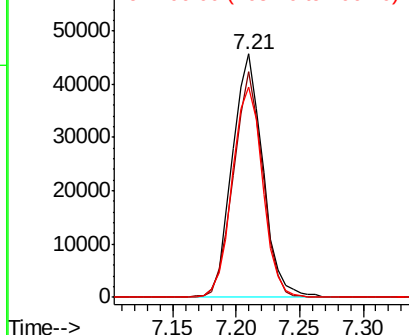
77 100

105 92.6 70.5 110.5

106 86.3 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: 24.908 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

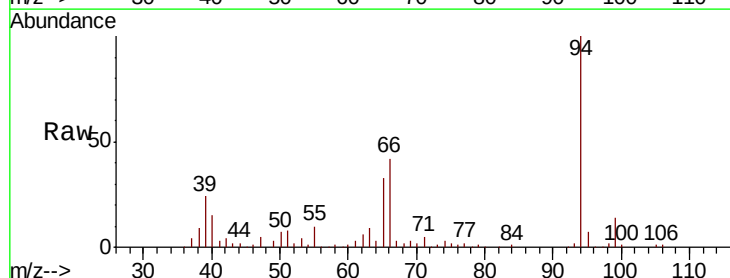
Tgt Ion: 94 Resp: 110984

Ion Ratio Lower Upper

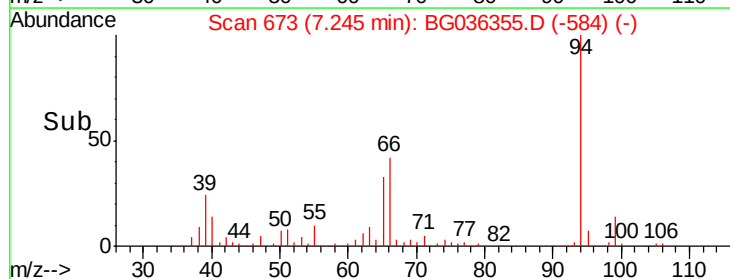
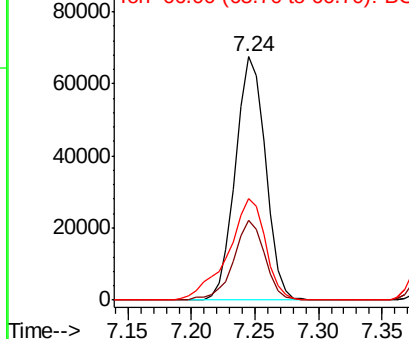
94 100

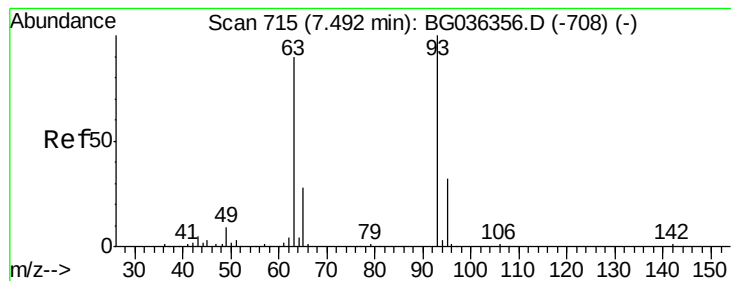
65 32.8 11.5 51.5

66 41.7 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: 25.233 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

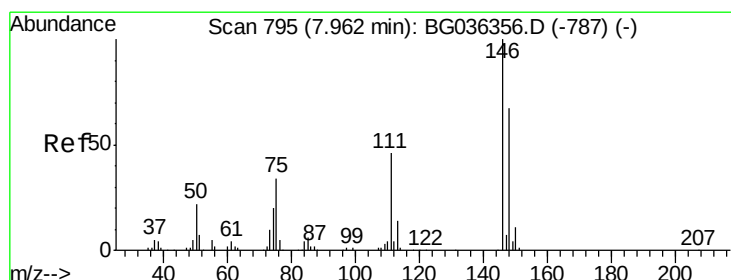
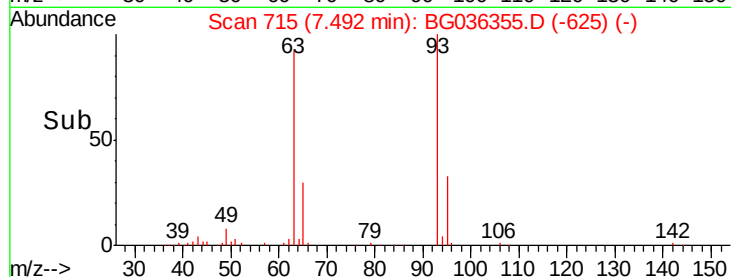
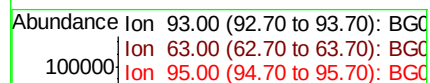
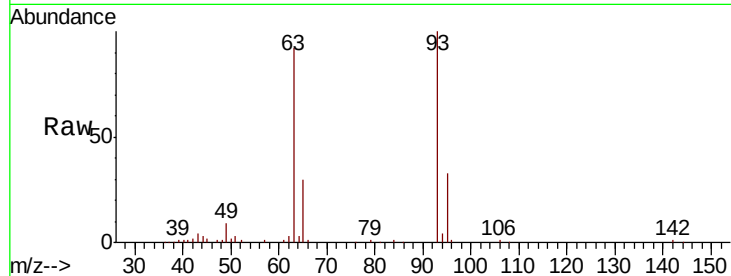
Tot Ion: 93 Resp: 88231

Ion Ratio Lower Upper

93 100

63 92.5 69.9 109.9

95 32.9 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 25.103 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

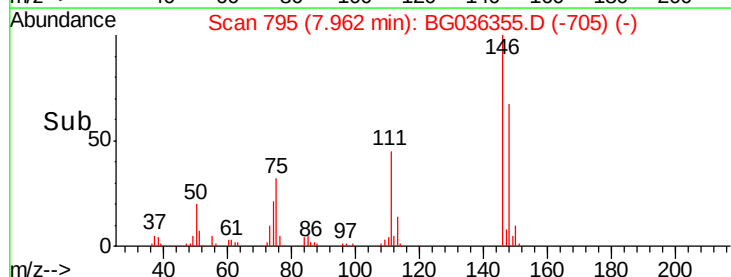
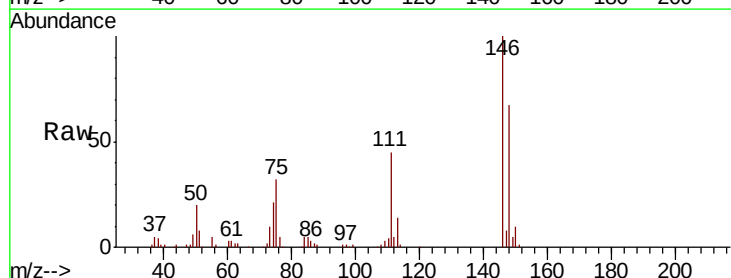
Tgt Ion: 146 Resp: 91428

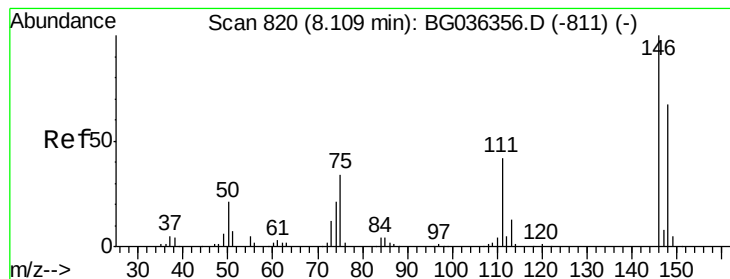
Ion Ratio Lower Upper

146 100

148 67.2 53.8 80.6

75 32.3 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 25.252 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

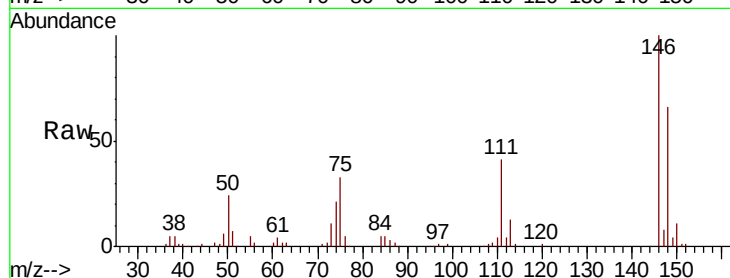
Tot Ion:146 Resp: 93342

Ion Ratio Lower Upper

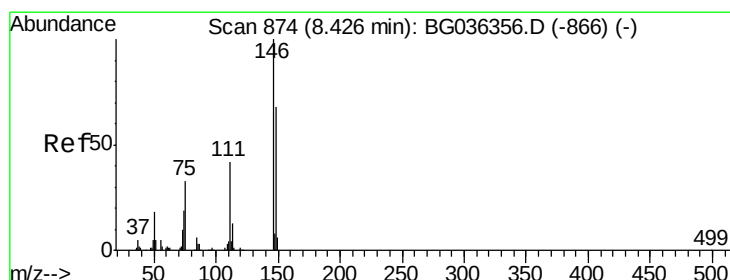
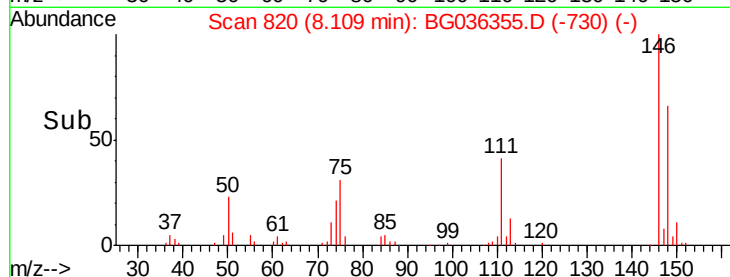
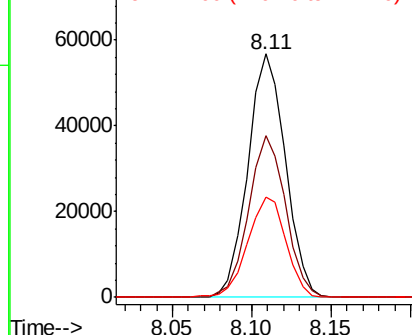
146 100

148 66.4 53.9 80.9

111 41.4 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: 24.301 ng

RT: 8.43 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

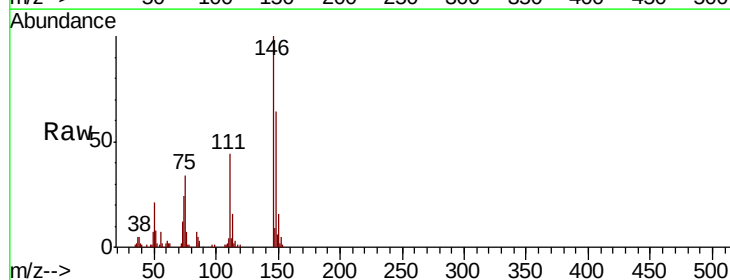
Tgt Ion:146 Resp: 86217

Ion Ratio Lower Upper

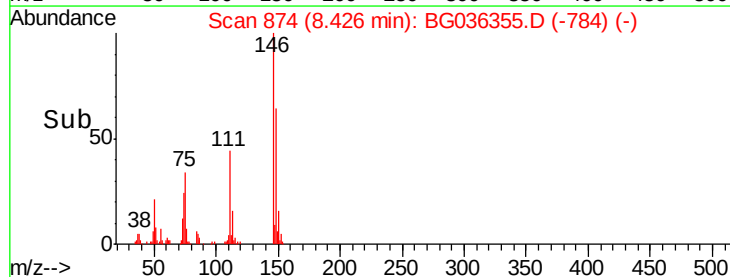
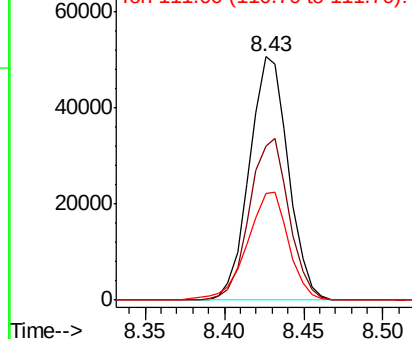
146 100

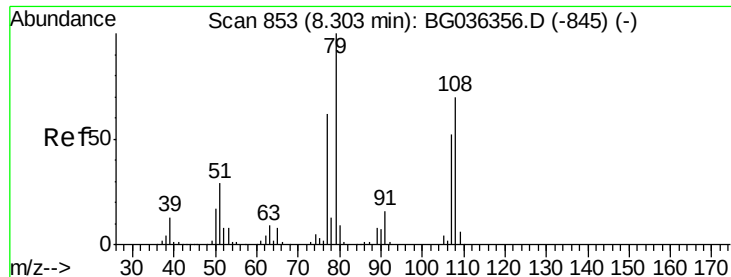
148 63.5 55.0 82.6

111 43.9 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: 21.856 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

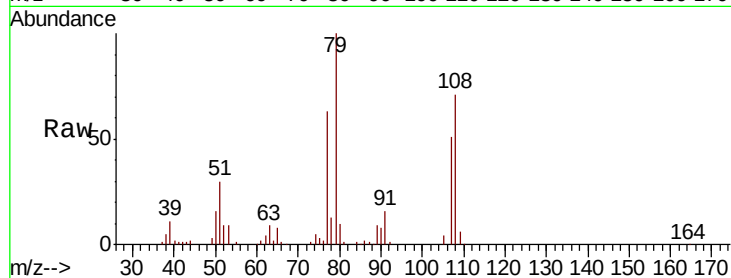
Tot Ion: 79 Resp: 85947

Ion Ratio Lower Upper

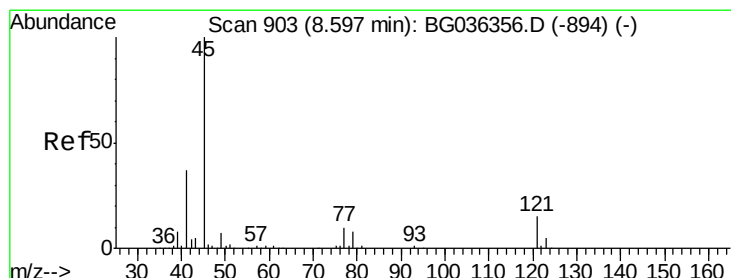
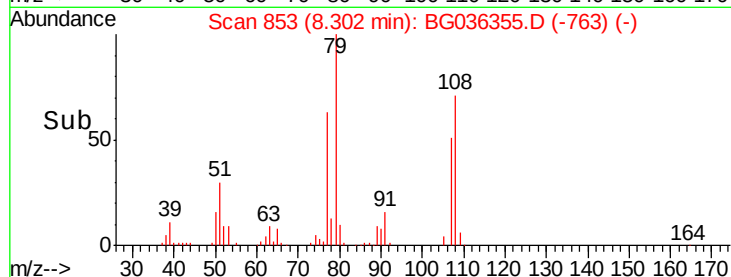
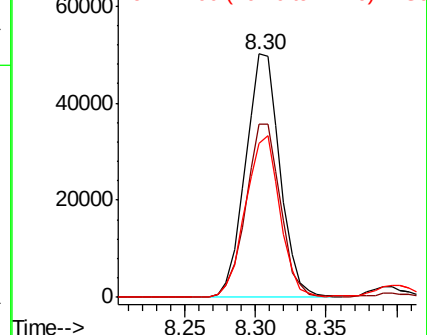
79 100

108 71.3 55.9 83.9

77 63.2 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: 50.590 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

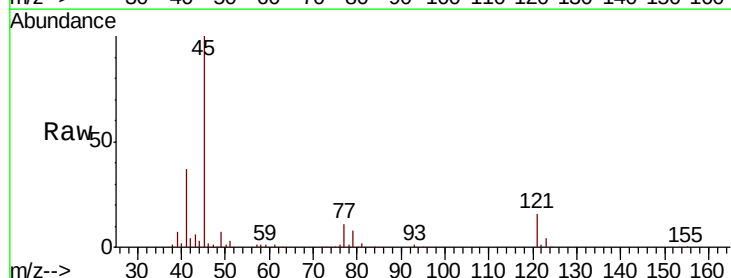
Tgt Ion: 45 Resp: 178930

Ion Ratio Lower Upper

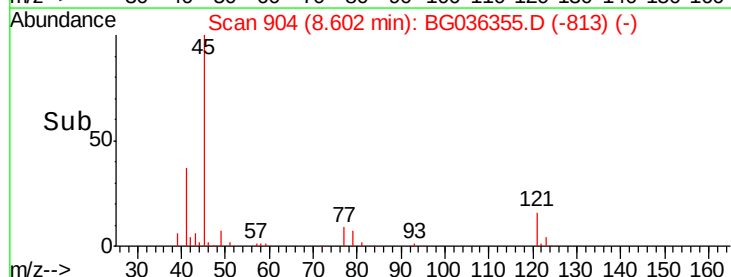
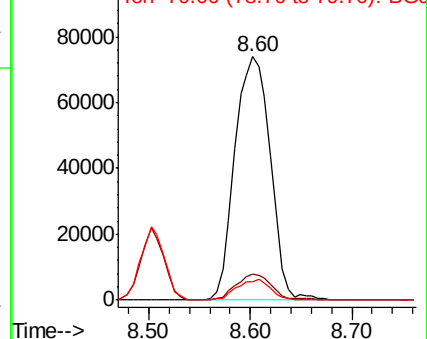
45 100

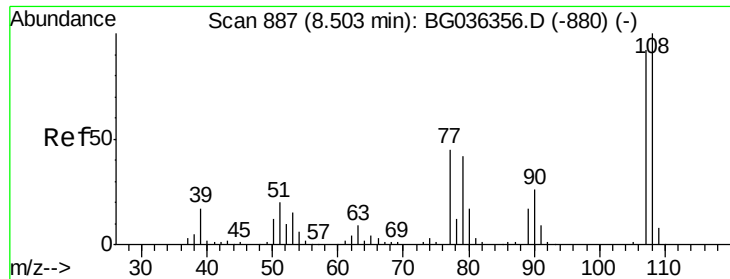
77 10.9 0.0 30.5

79 7.6 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

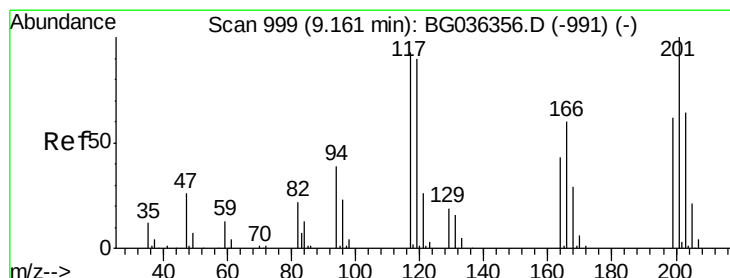
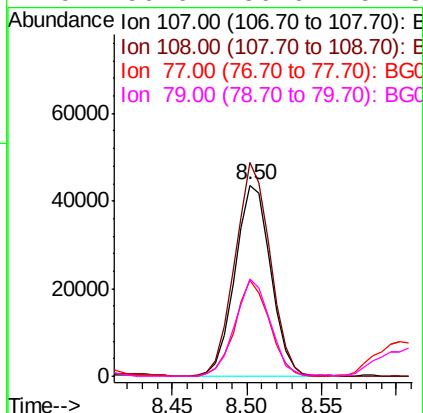
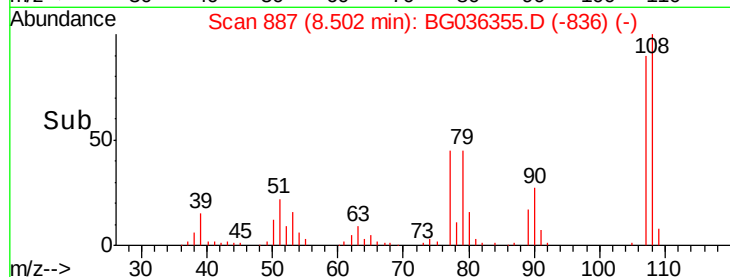
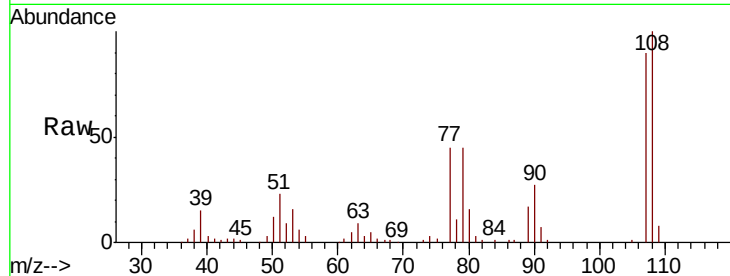




#17
2-Methylphenol
Concen: 24.196 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

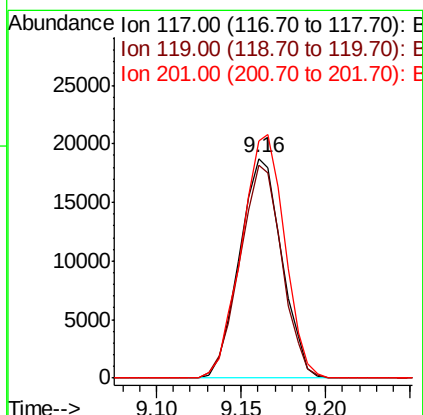
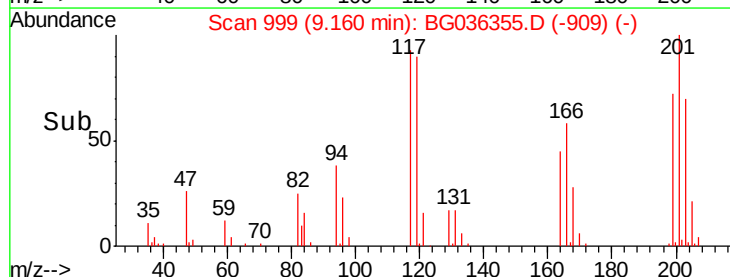
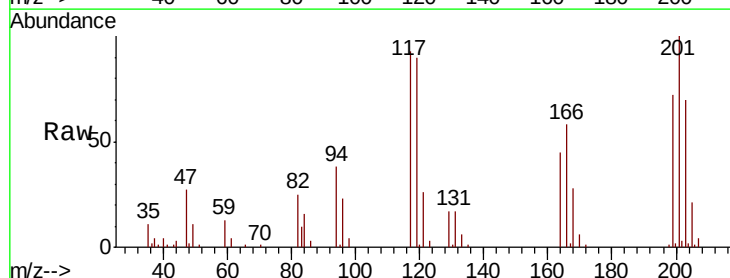
Instrument :
BNA_G
ClientSampleId :

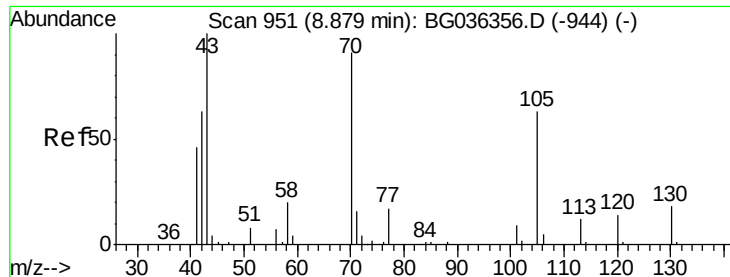
Tot Ion:107 Resp: 72850
Ion Ratio Lower Upper
107 100
108 111.6 86.7 130.1
77 50.1 39.0 58.4
79 50.6 36.6 54.8



#18
Hexachloroethane
Concen: 23.254 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion:117 Resp: 32730
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2
201 107.9 85.7 128.5

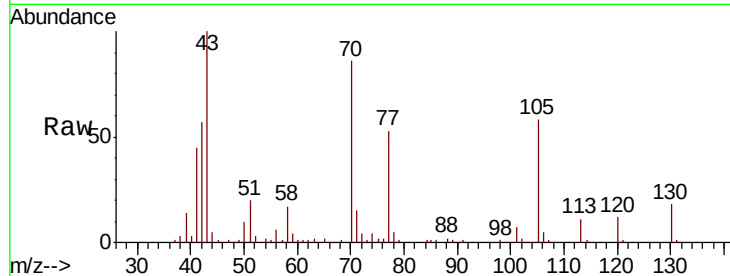




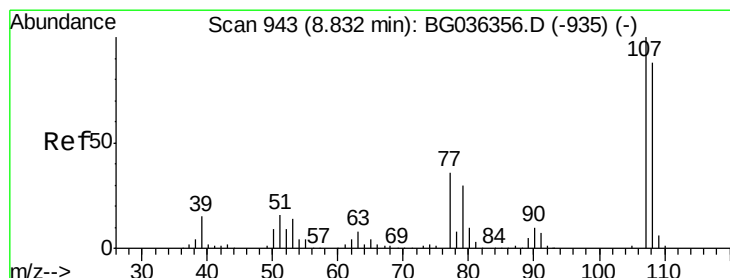
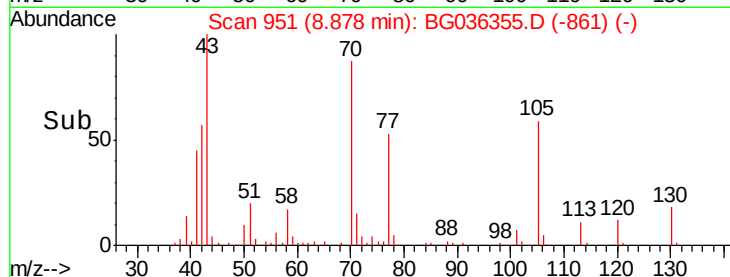
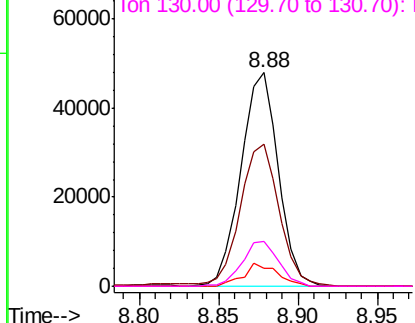
#19
n-Nitroso-di-n-propylamine
Concen: 21.537 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 78526
Ion Ratio Lower Upper
70 100
42 66.3 56.2 84.4
101 8.6 7.8 11.6
130 21.2 16.2 24.2

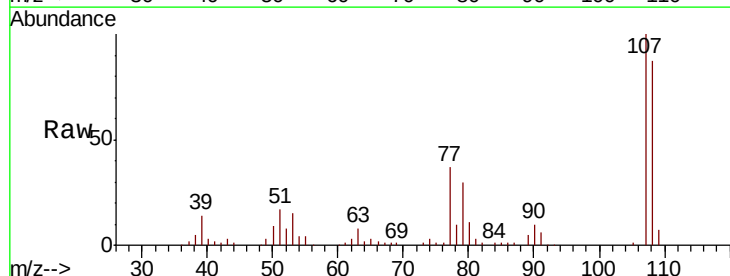


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

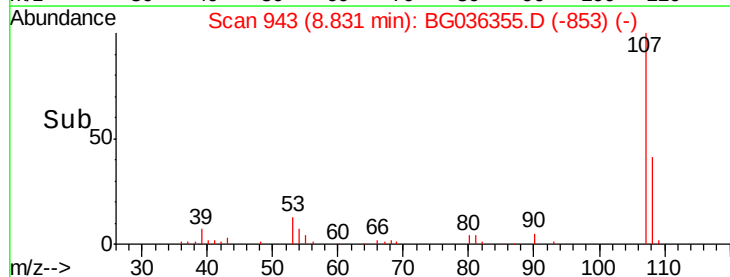
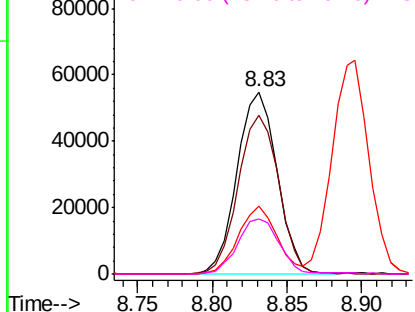


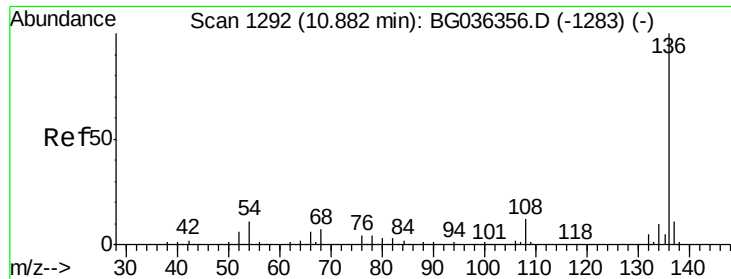
#20
3+4-Methylphenols
Concen: 24.455 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion: 107 Resp: 101949
Ion Ratio Lower Upper
107 100
108 87.0 68.0 108.0
77 37.0 15.6 55.6
79 30.4 9.9 49.9



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

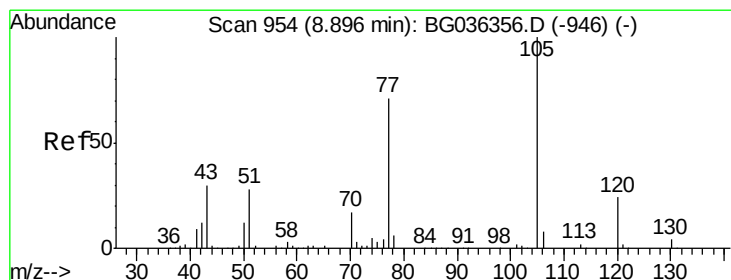
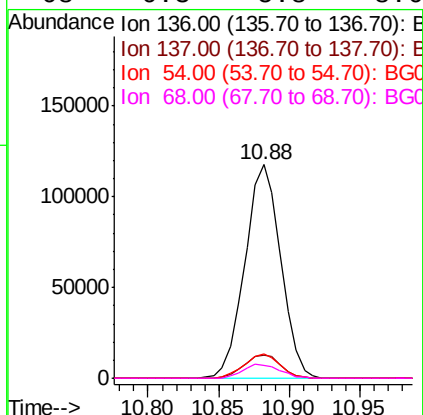
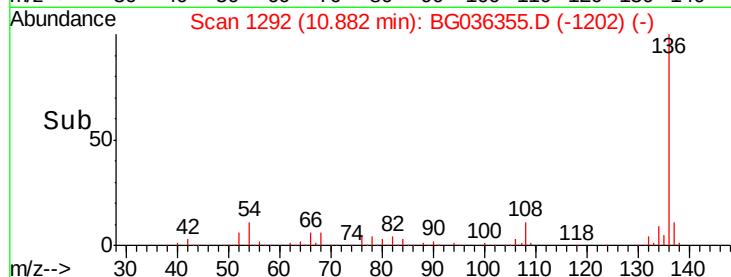
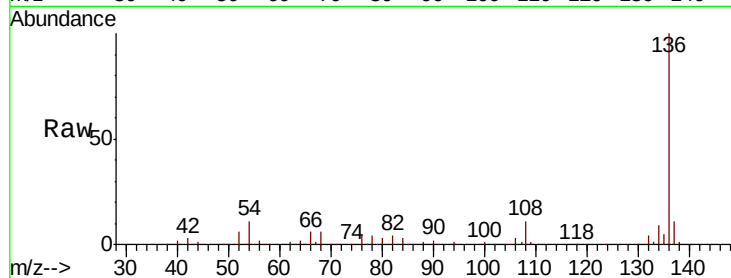




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

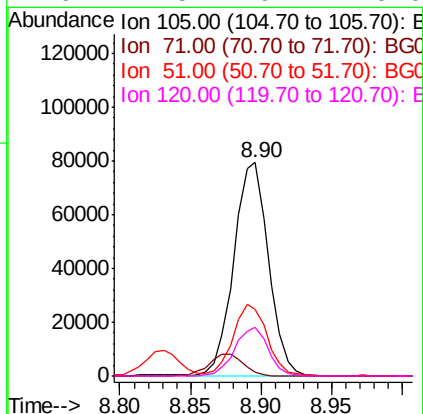
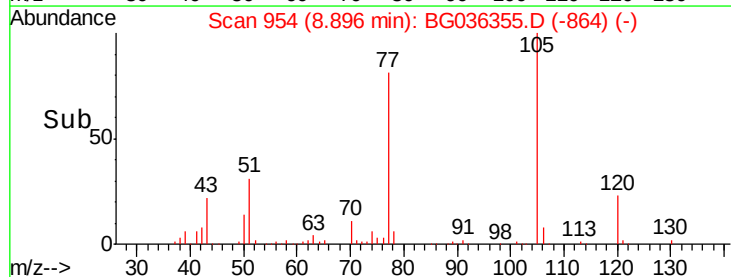
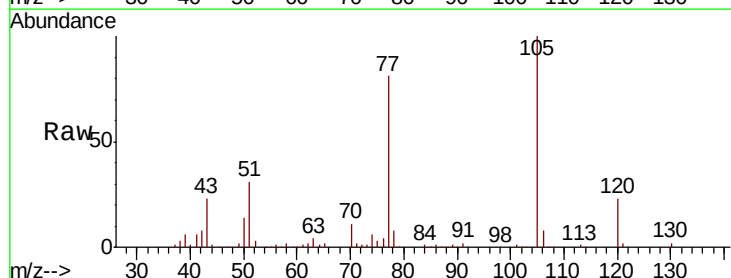
Instrument :
BNA_G
ClientSampleId :

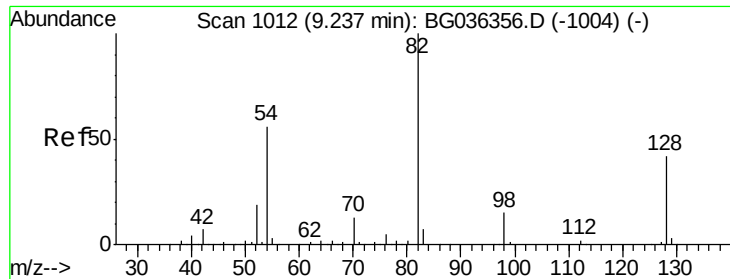
Tot Ion:136	Resp:	209504
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	11.2	9.2 13.8
68	6.3	5.8 8.6



#22
Acetophenone
Concen: 21.274 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion:105	Resp:	136224
Ion	Ratio	Lower Upper
105	100	
71	2.0	2.4 3.6#
51	31.4	25.9 38.9
120	22.5	19.4 29.0

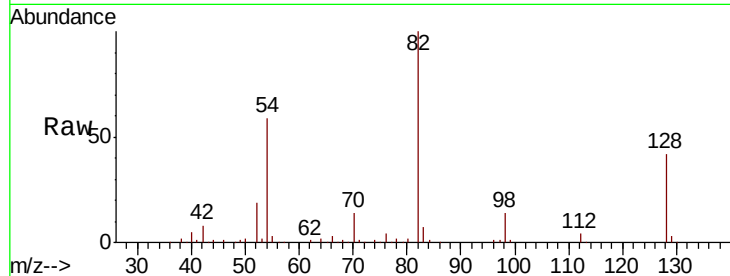




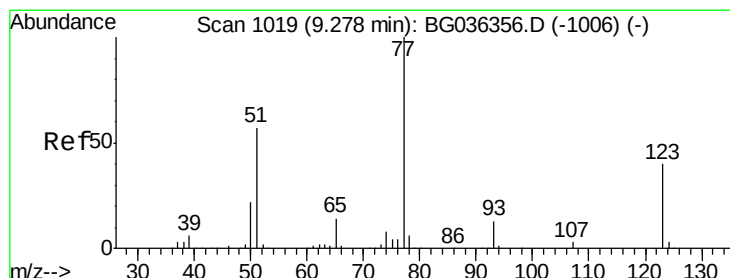
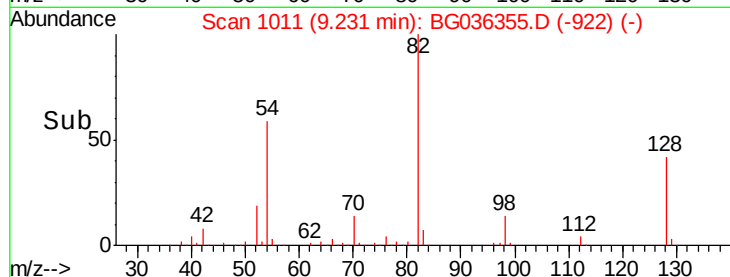
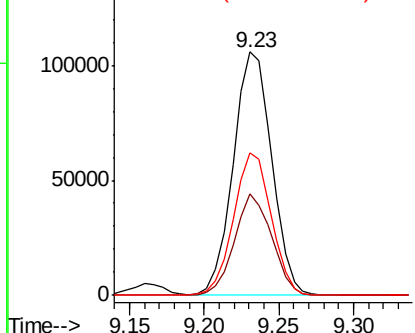
#23
 Nitrobenzene-d5
 Concen: 38.959 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	189867
Ion Ratio	100	Lower	Upper
128	41.8	33.3	49.9
54	58.7	45.1	67.7

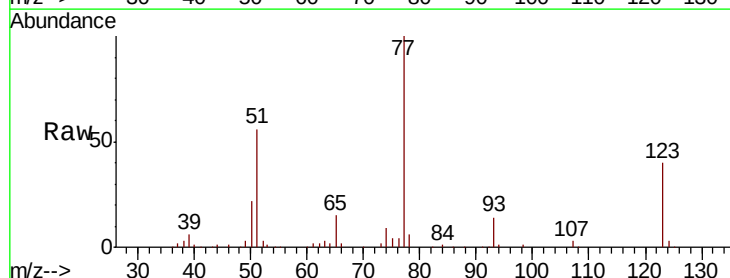


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

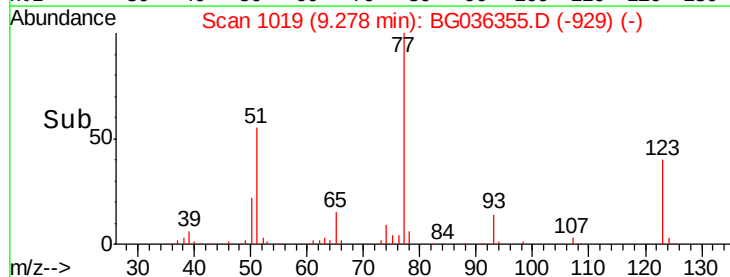
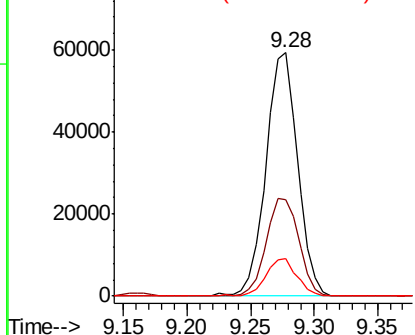


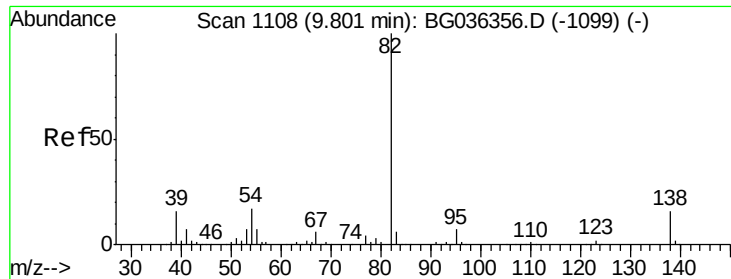
#24
 Nitrobenzene
 Concen: 20.847 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion	77	Resp	103376
Ion Ratio	100	Lower	Upper
123	39.7	32.4	48.6
65	15.2	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 20.844 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

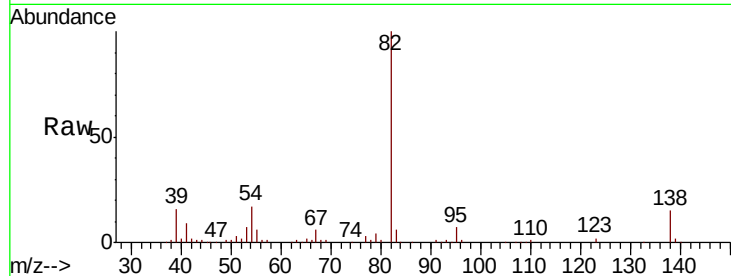
Tot Ion: 82 Resp: 189895

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

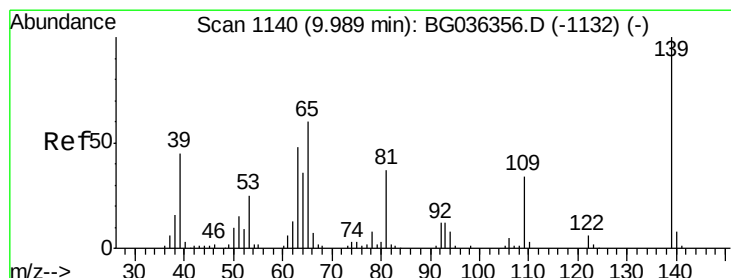
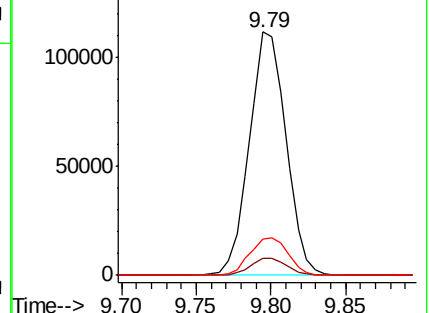
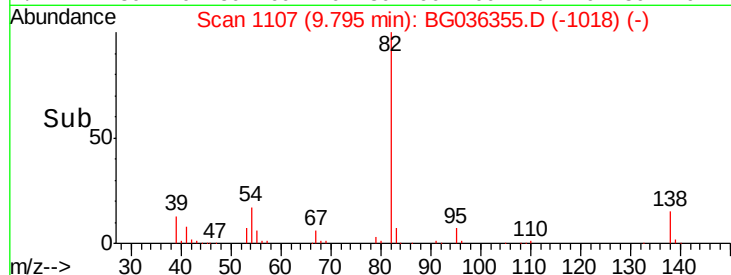
138 15.1 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036355.D (-1018) (-)

Ion 95.00 (94.70 to 95.70): BG036355.D (-1018) (-)

Ion 138.00 (137.70 to 138.70): BG036355.D (-1018) (-)



#26

2-Nitrophenol

Concen: 21.173 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

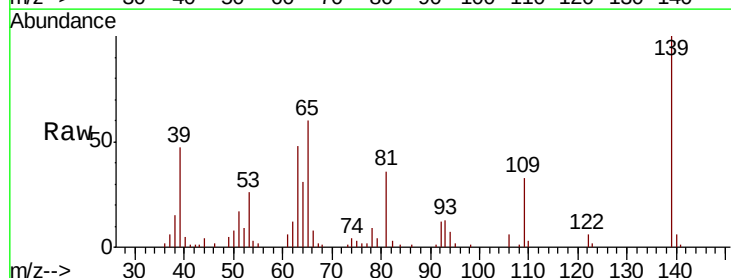
Tgt Ion: 139 Resp: 37474

Ion Ratio Lower Upper

139 100

109 32.9 27.4 41.0

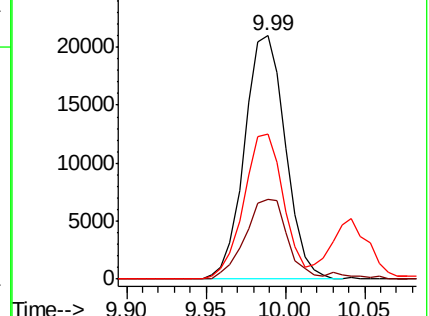
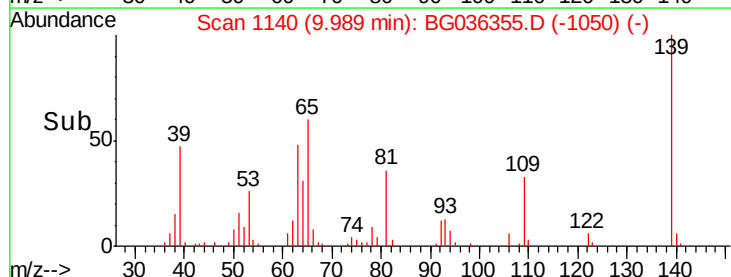
65 59.5 47.8 71.6

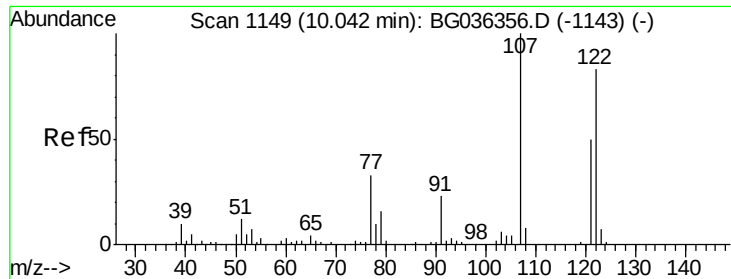


Abundance Ion 139.00 (138.70 to 139.70): BG036355.D (-1050) (-)

Ion 109.00 (108.70 to 109.70): BG036355.D (-1050) (-)

Ion 65.00 (64.70 to 65.70): BG036355.D (-1050) (-)

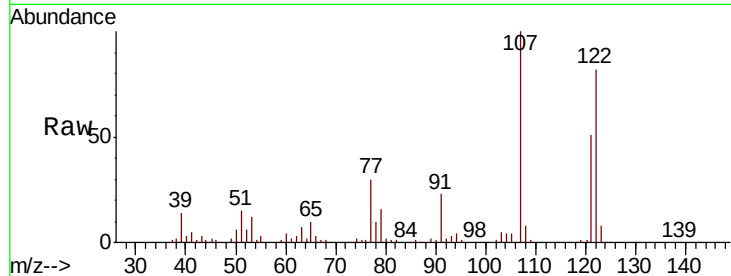




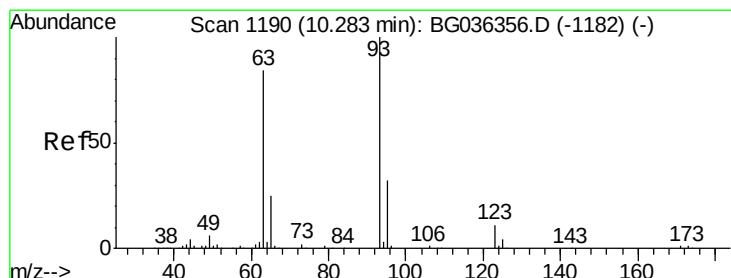
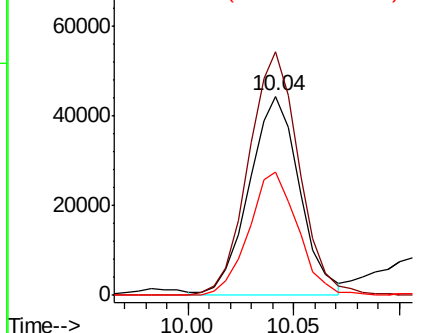
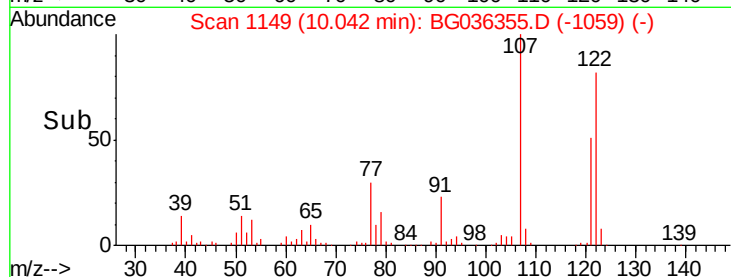
#27
 2,4-Dimethylphenol
 Concen: 23.966 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 72751
 Ion Ratio Lower Upper
 122 100
 107 122.4 96.0 144.0
 121 62.1 48.2 72.4

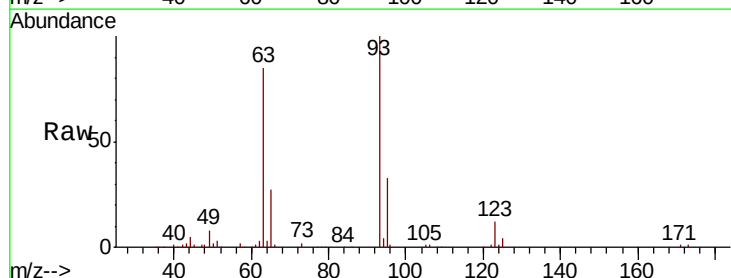


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

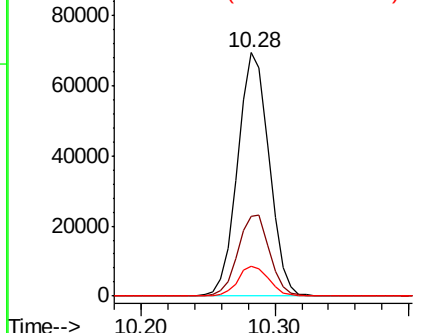
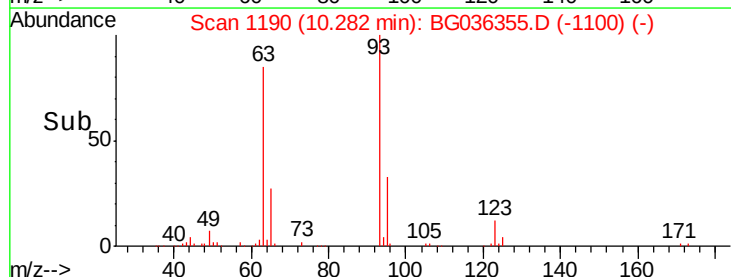


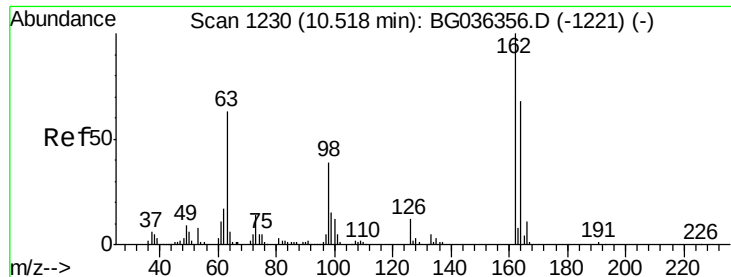
#28
 bis(2-Chloroethoxy)methane
 Concen: 22.269 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion: 93 Resp: 113223
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.2 37.8
 123 12.4 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

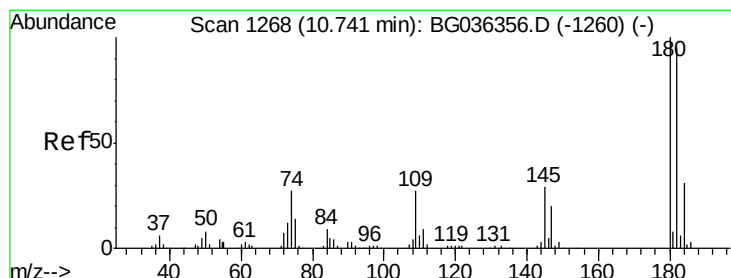
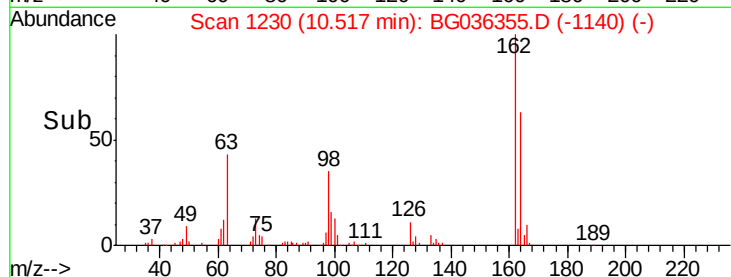
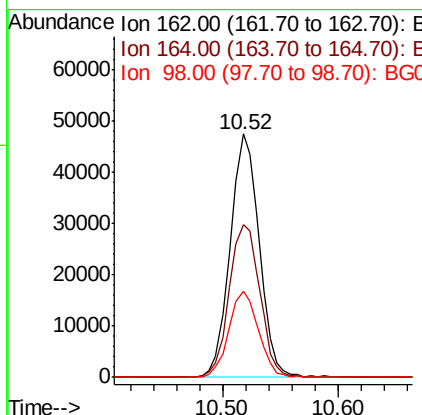
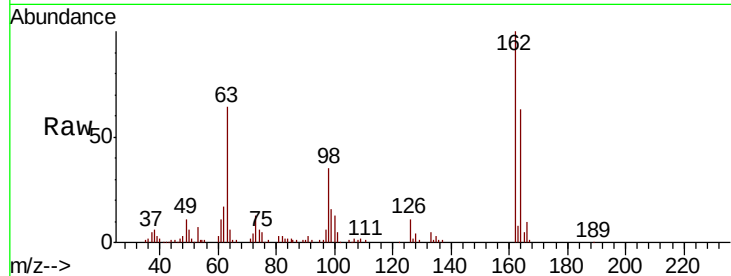




#29
 2,4-Dichlorophenol
 Concen: 23.985 ng
 RT: 10.52 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

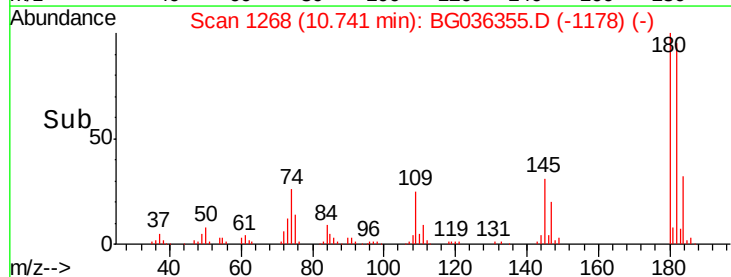
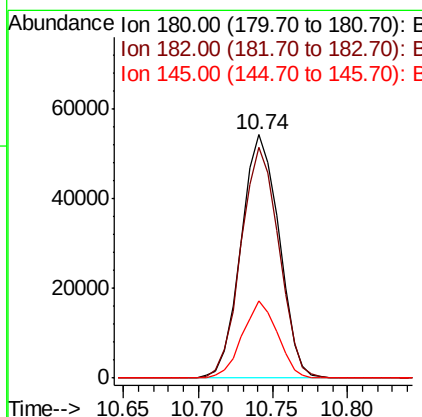
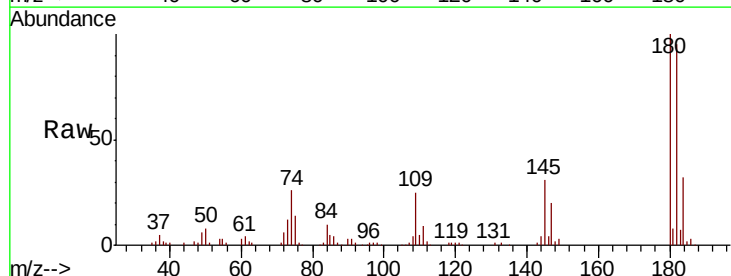
Instrument :
 BNA_G
 ClientSampleId :

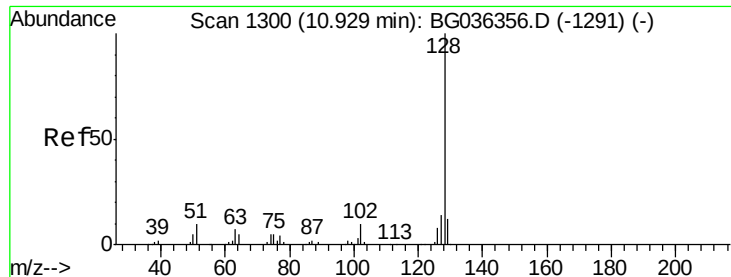
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	47.6	87.6
98	35.2	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 22.717 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	31.5	22.9	34.3

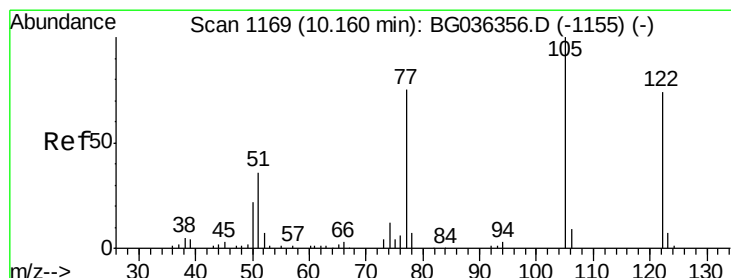
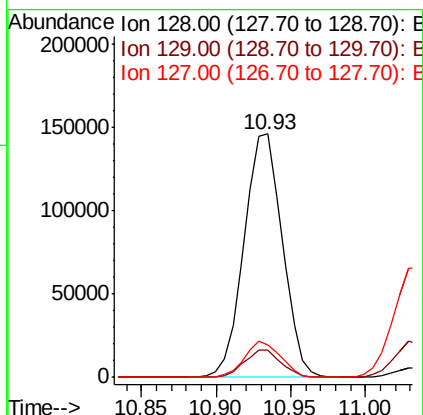
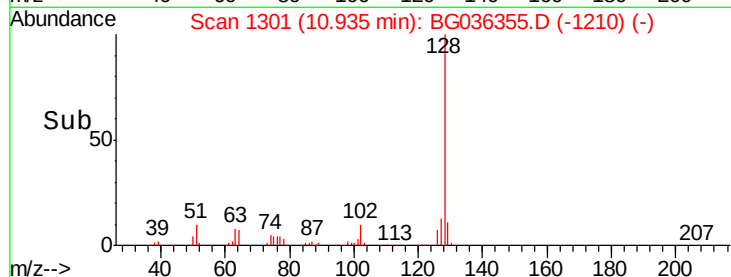
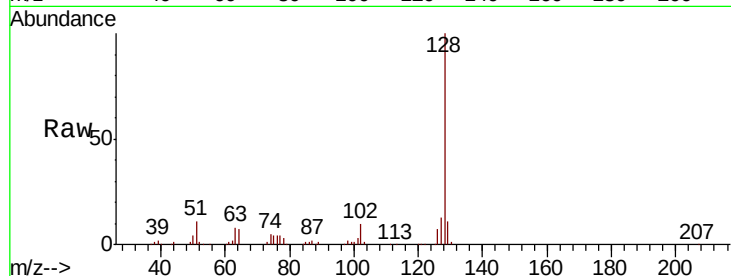




#31
Naphthalene
Concen: 23.800 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

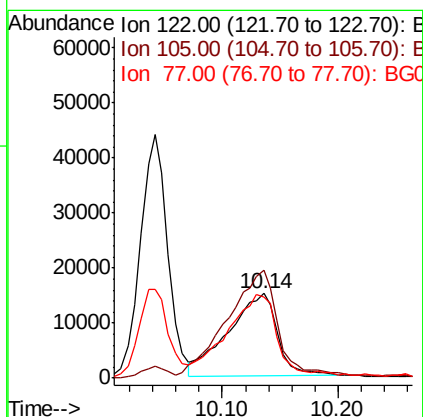
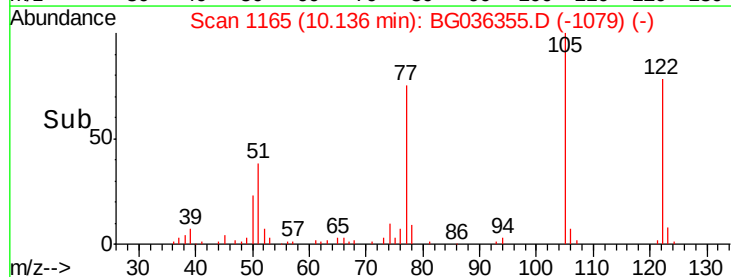
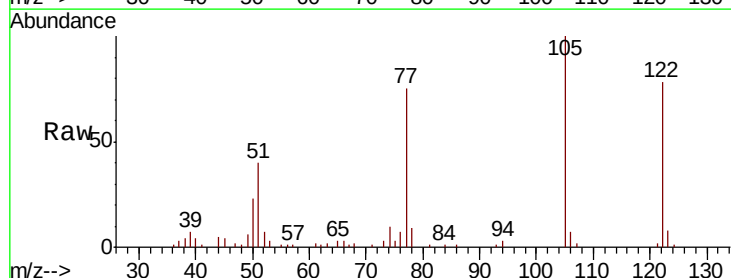
Instrument :
BNA_G
ClientSampleId :

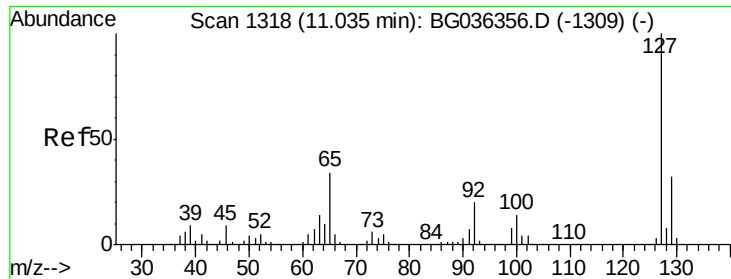
Tot Ion:128 Resp: 260149
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 21.802 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion:122 Resp: 45022
Ion Ratio Lower Upper
122 100
105 128.8 108.1 148.1
77 96.8 76.3 116.3

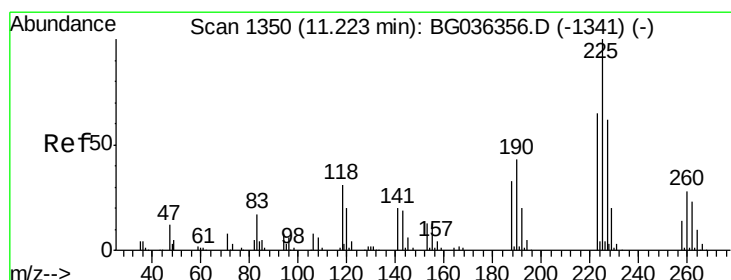
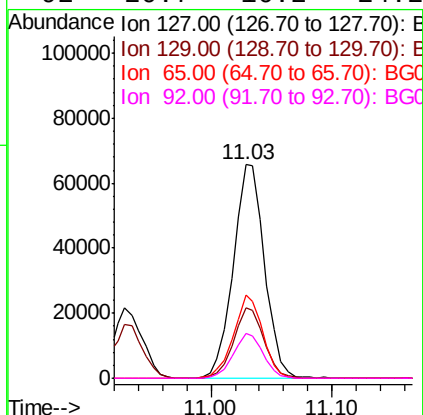
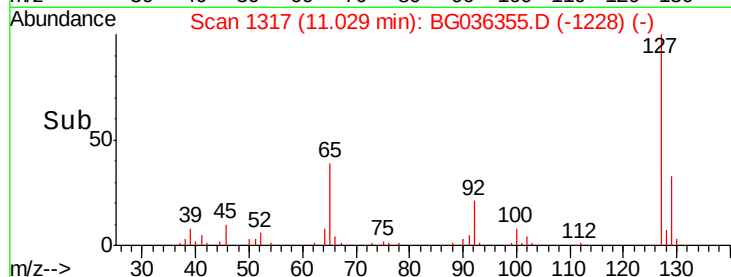
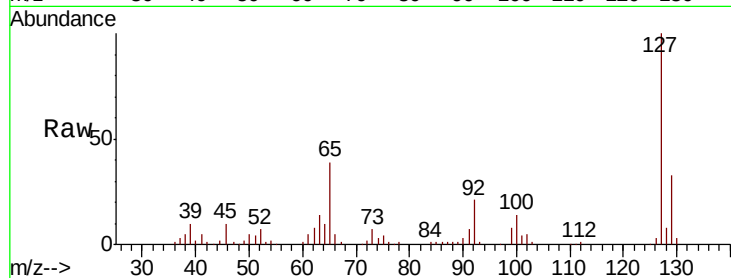




#33
4-Chloroaniline
Concen: 24.631 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

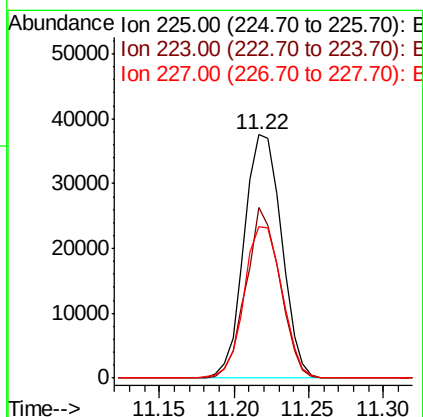
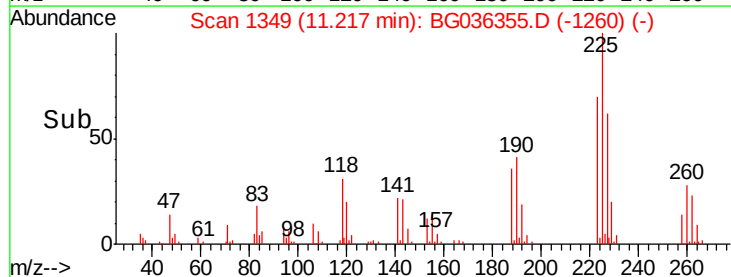
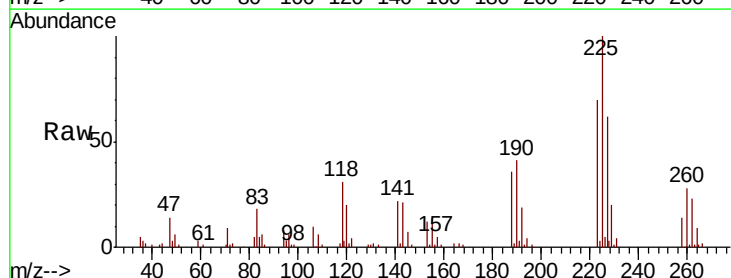
Instrument :
BNA_G
ClientSampleId :

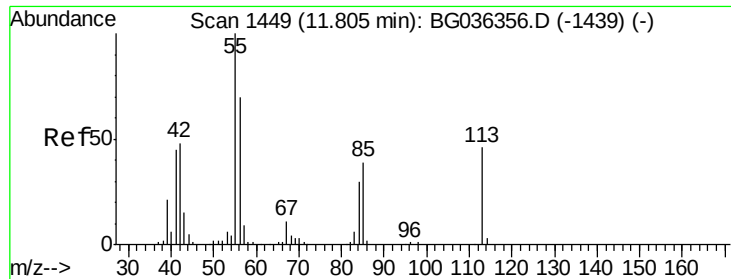
Tot Ion:	127	Resp:	118096
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	38.9	27.5	41.3
92	20.7	16.2	24.2



#34
Hexachlorobutadiene
Concen: 20.180 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion:	225	Resp:	65248
Ion	Ratio	Lower	Upper
225	100		
223	69.9	51.8	77.8
227	62.2	49.8	74.6





#35

Caprolactam

Concen: 22.939 ng

RT: 11.79 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

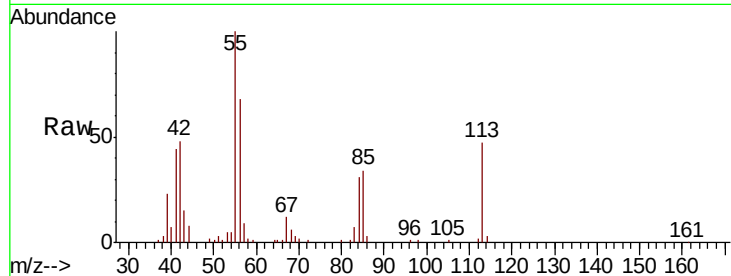
Tot Ion:113 Resp: 34008

Ion Ratio Lower Upper

113 100

55 211.7 197.7 237.7

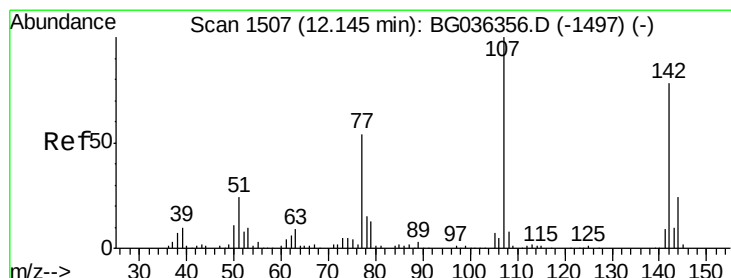
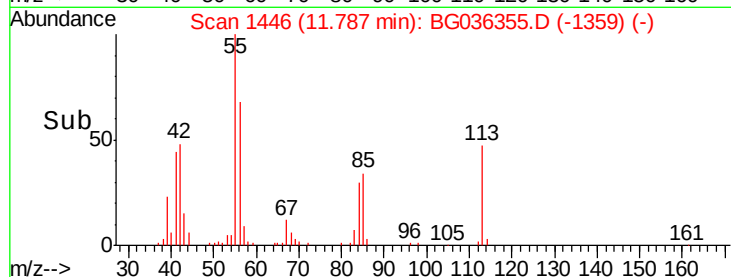
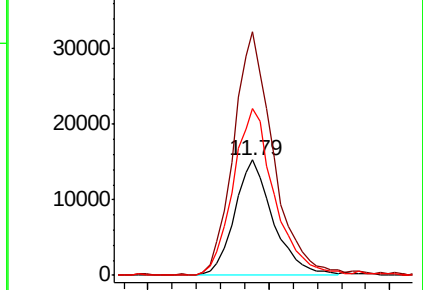
56 145.0 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 20.905 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

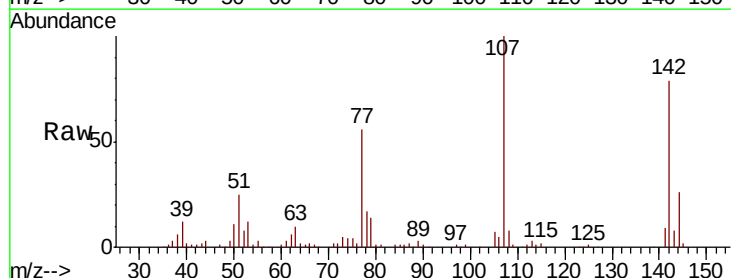
Tgt Ion:107 Resp: 95039

Ion Ratio Lower Upper

107 100

144 26.4 19.5 29.3

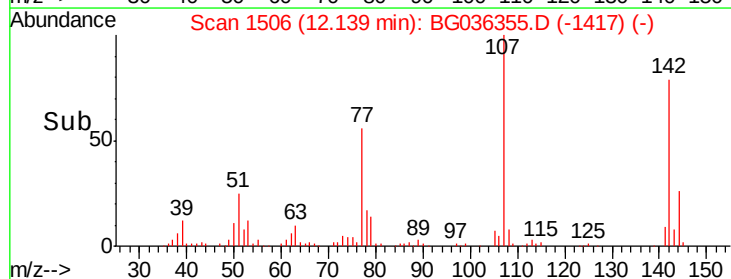
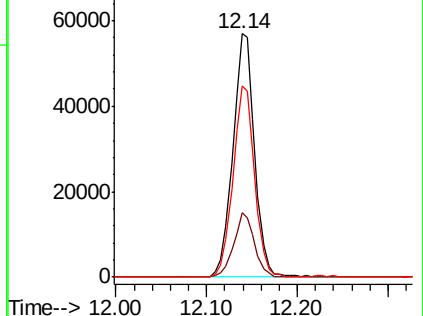
142 78.5 62.4 93.6

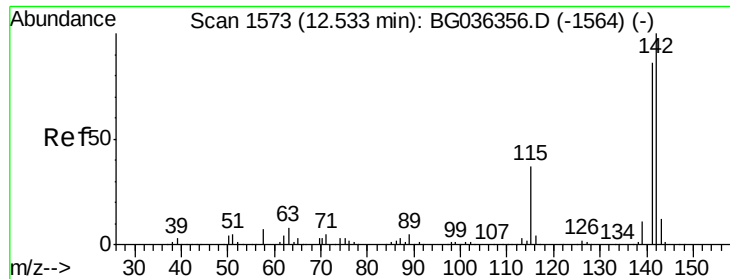


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

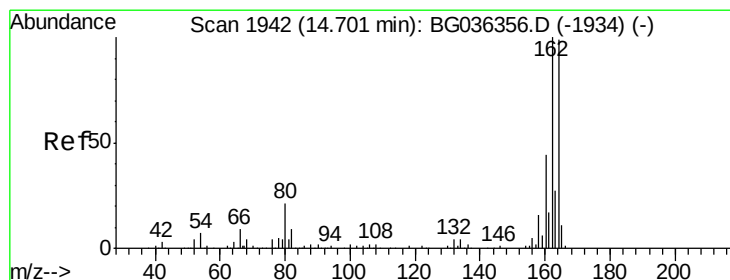
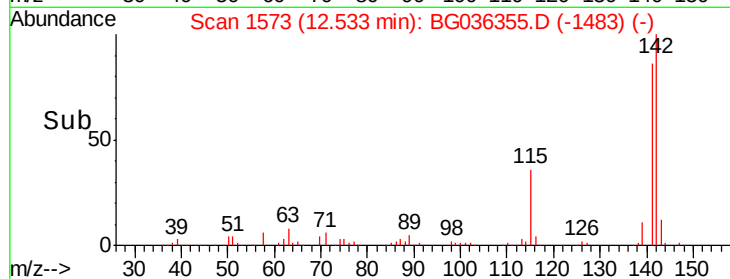
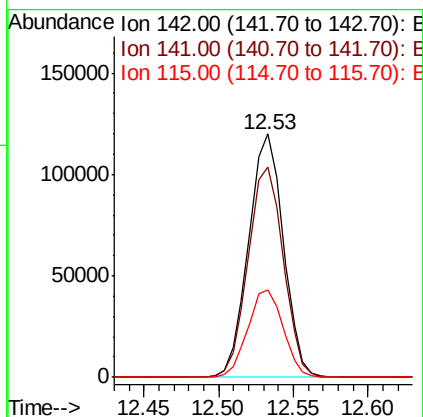
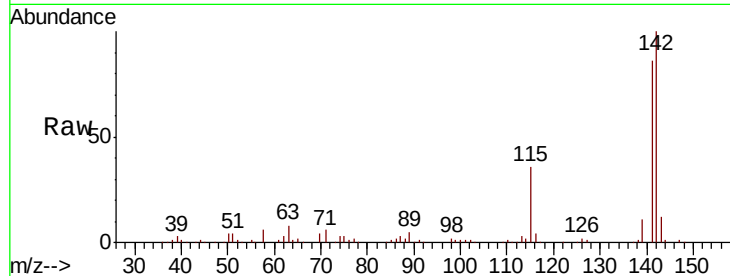




#37
2-Methylnaphthalene
Concen: 23.819 ng
RT: 12.53 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

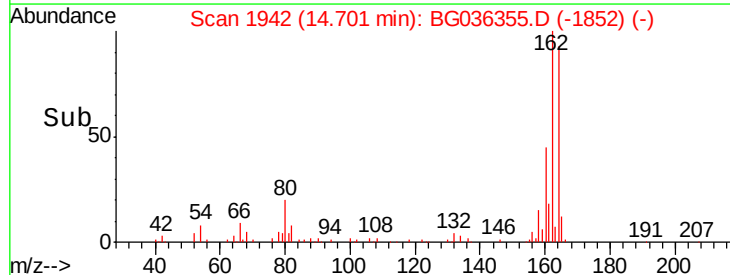
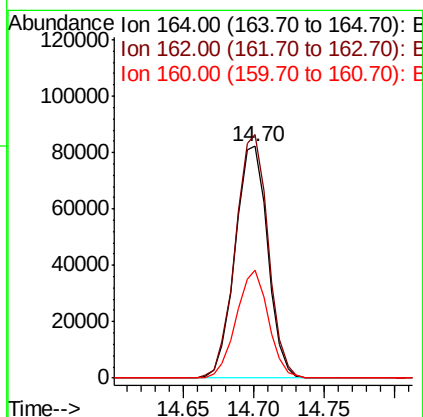
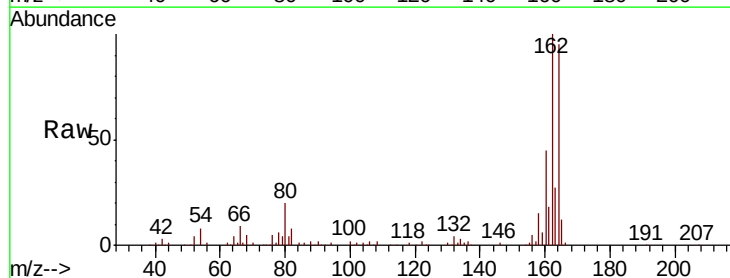
Instrument :
BNA_G
ClientSampleId :

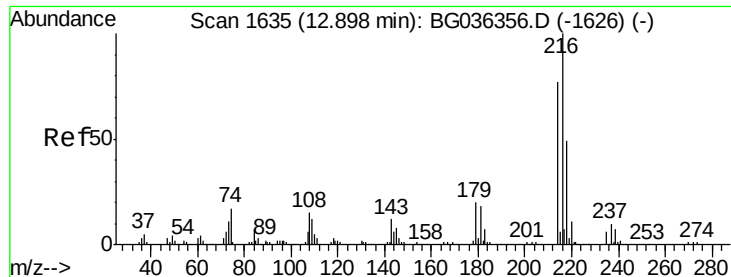
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	68.5	102.7
115	35.9	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	46.9	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.121 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 115508

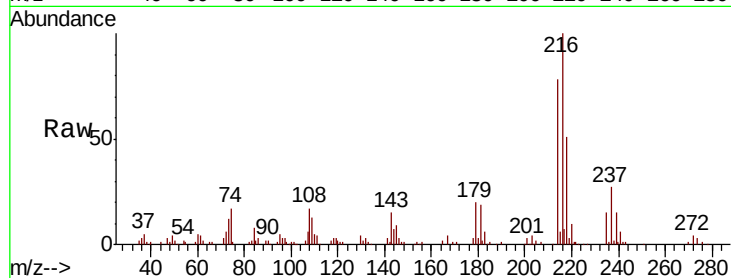
Ion Ratio Lower Upper

216 100

214 78.0 61.0 91.6

179 20.3 15.7 23.5

108 16.9 13.1 19.7

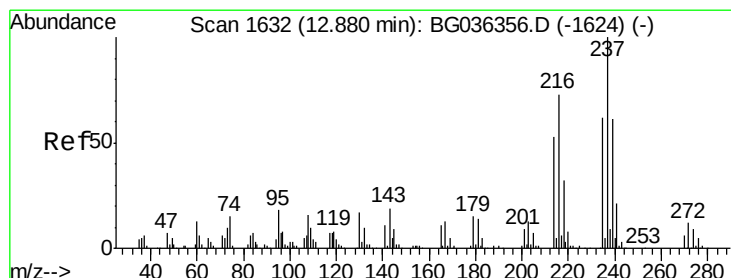
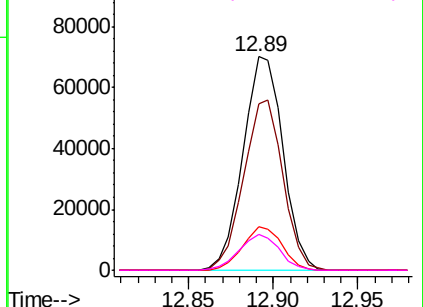
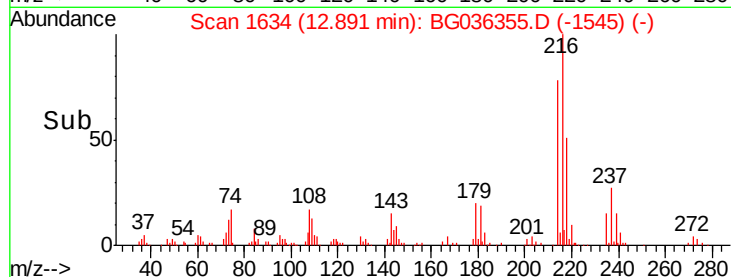


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.440 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

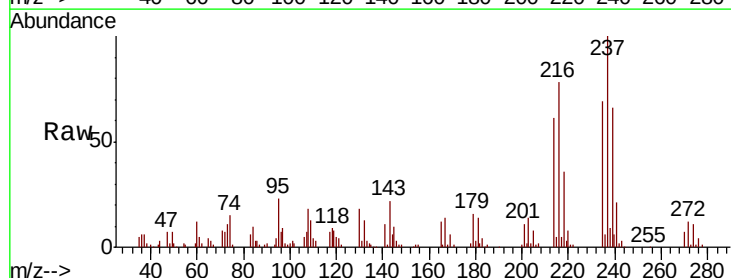
Tgt Ion:237 Resp: 58488

Ion Ratio Lower Upper

237 100

235 68.8 42.2 82.2

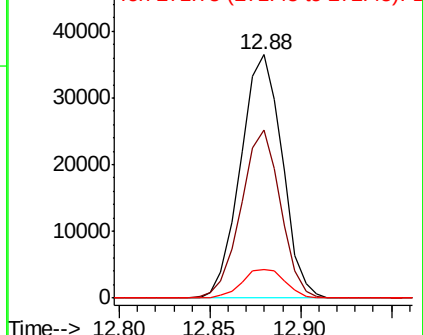
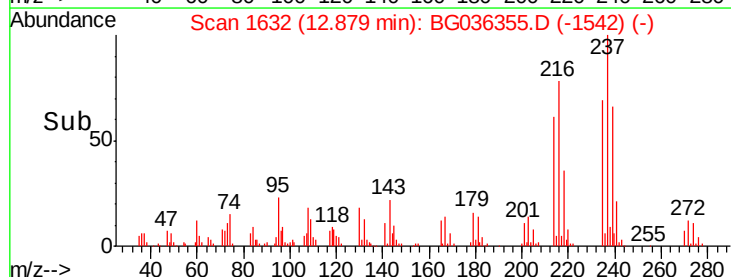
272 11.9 0.0 32.1

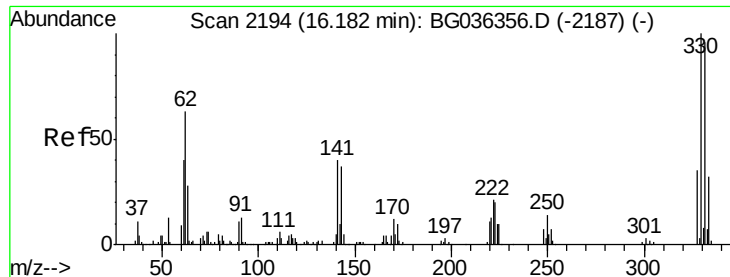


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

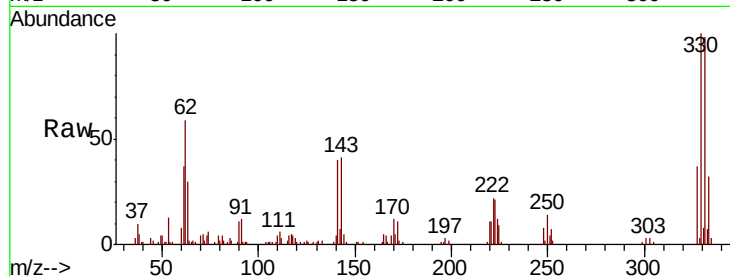




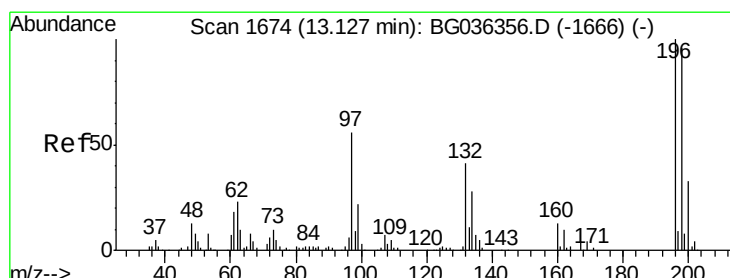
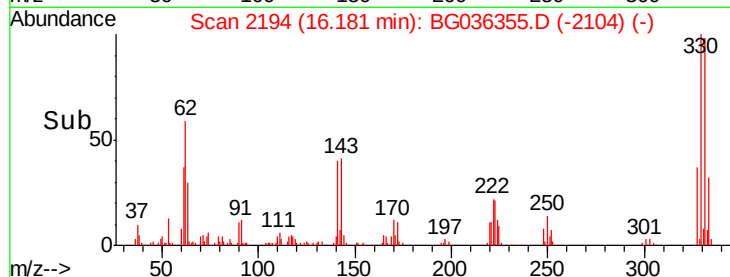
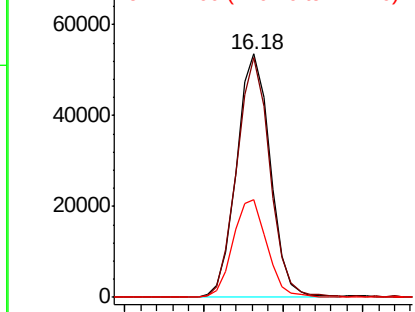
#41
 2,4,6-Tribromophenol
 Concen: 45.345 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 79082
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.2
 141 40.3 30.7 46.1

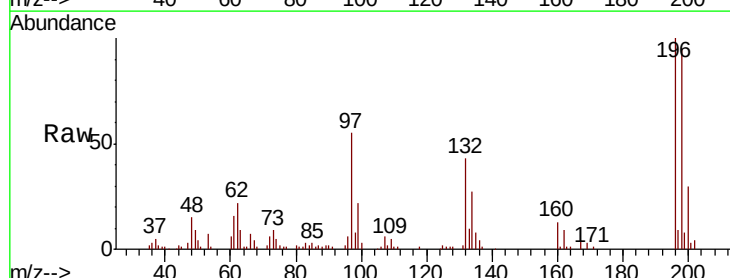


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

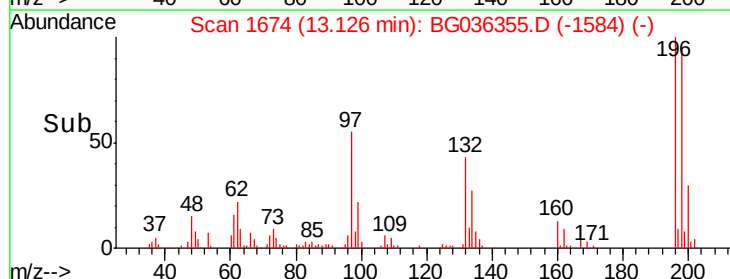
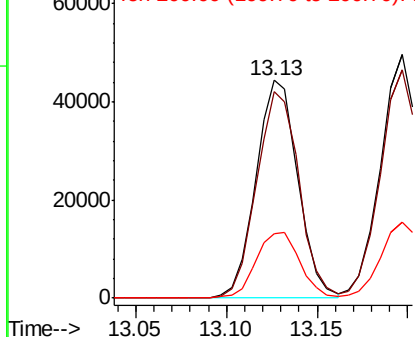


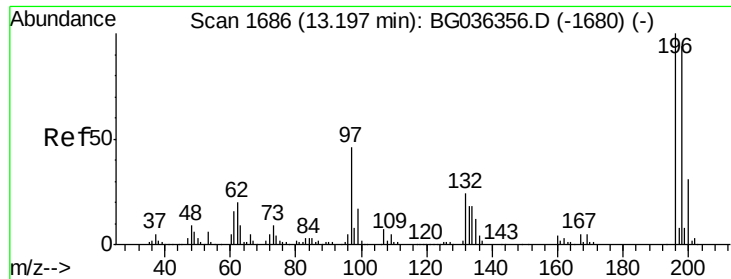
#42
 2,4,6-Trichlorophenol
 Concen: 24.382 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:196 Resp: 71119
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.2 115.8
 200 29.7 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

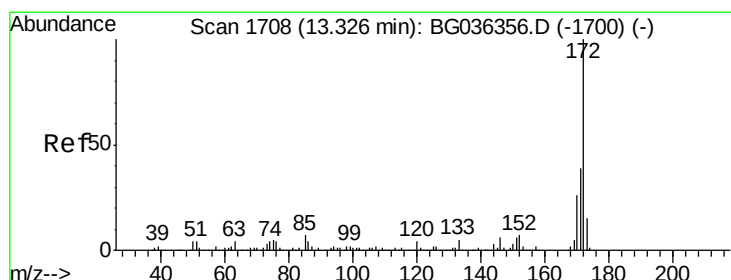
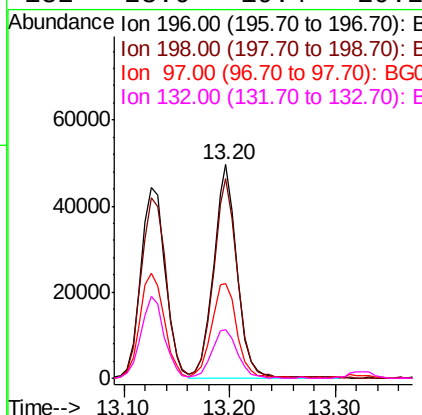
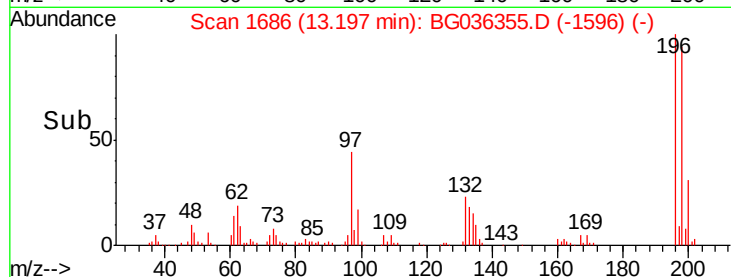
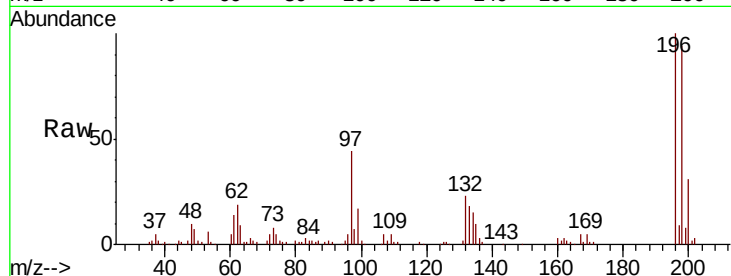




#43
 2,4,5-Trichlorophenol
 Concen: 23.555 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

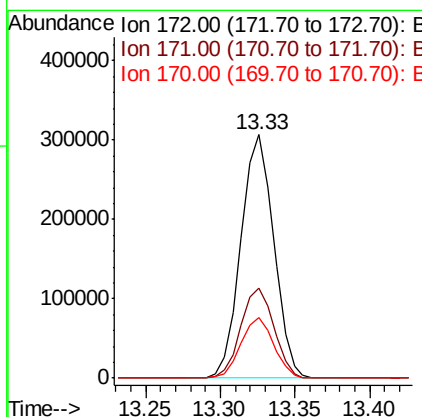
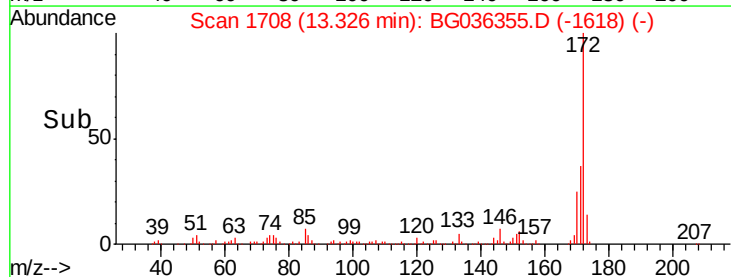
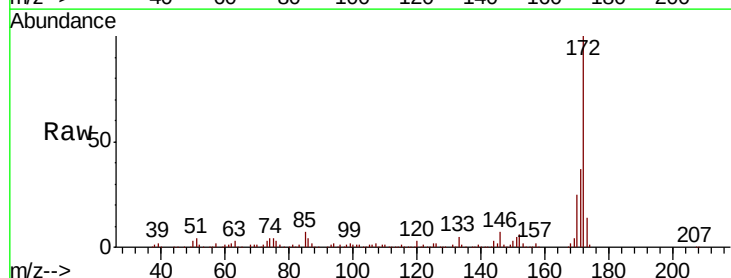
Instrument :
 BNA_G
 ClientSampleId :

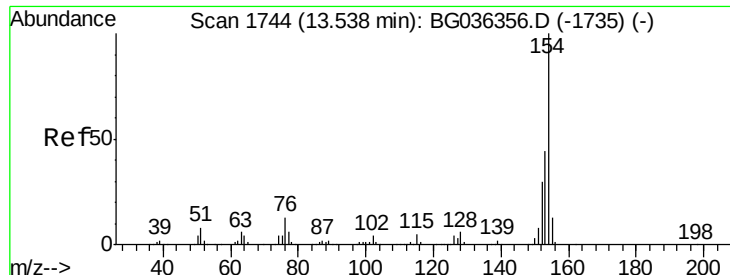
Tot Ion:196	Resp:	77282
Ion Ratio	Lower	Upper
196 100		
198 93.5	75.6	113.4
97 44.1	37.2	55.8
132 23.0	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 47.388 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion	172	Resp:	467112
Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	24.9	21.0	31.6





#45

1,1'-Biphenyl

Concen: 26.369 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

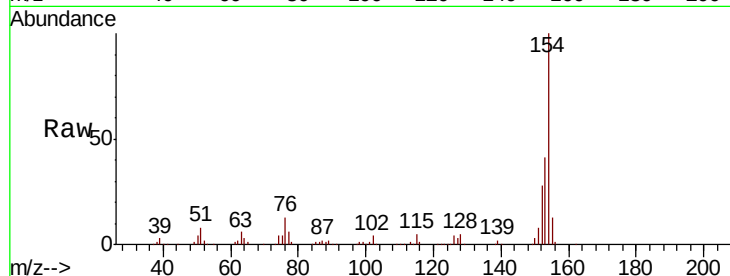
Tot Ion:154 Resp: 274205

Ion Ratio Lower Upper

154 100

153 41.3 24.0 64.0

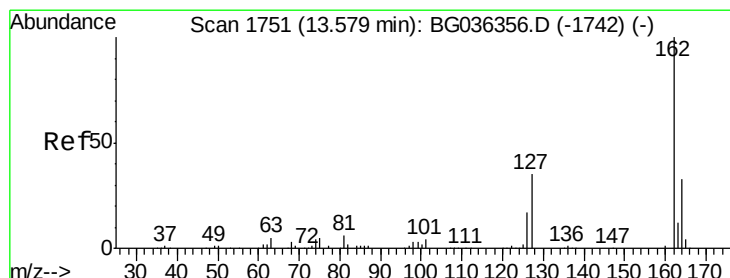
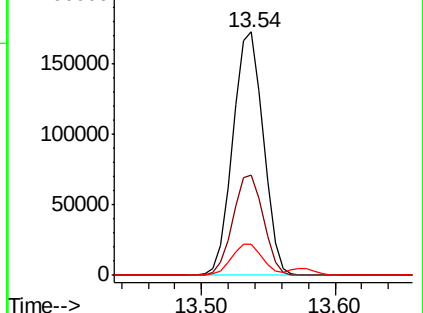
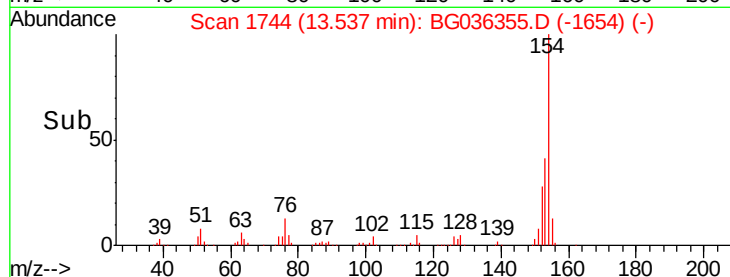
76 12.5 0.0 32.9



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: 25.814 ng

RT: 13.58 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

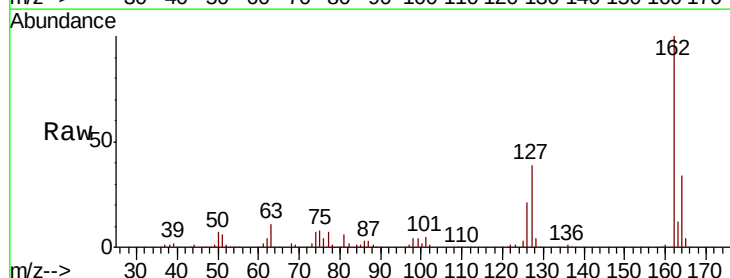
Tgt Ion:162 Resp: 209195

Ion Ratio Lower Upper

162 100

127 39.4 30.7 46.1

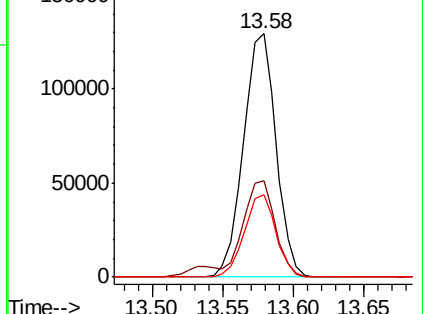
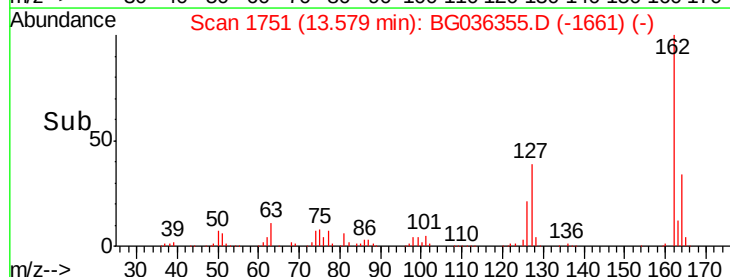
164 33.8 26.7 40.1

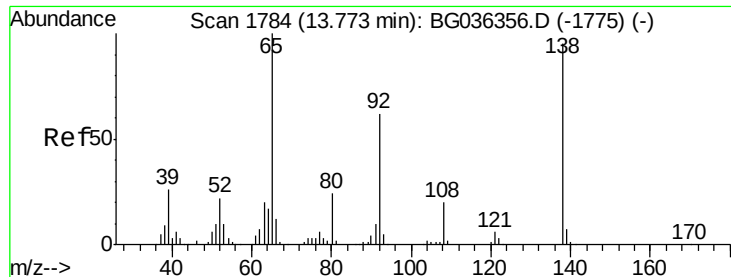


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

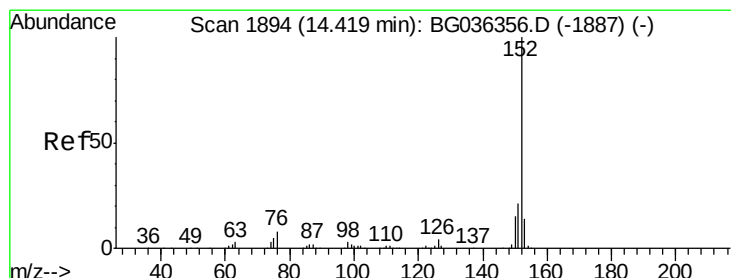
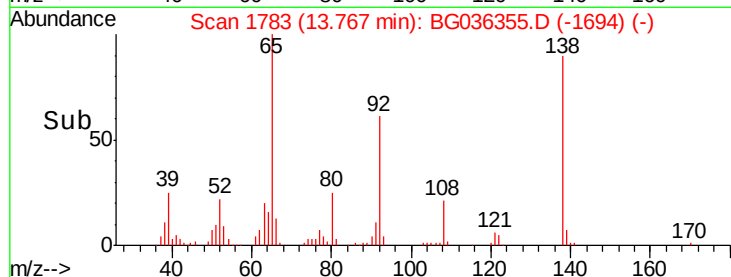
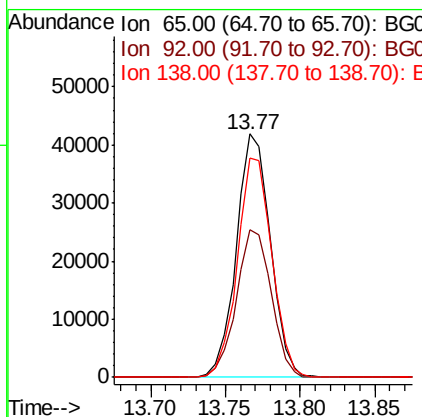
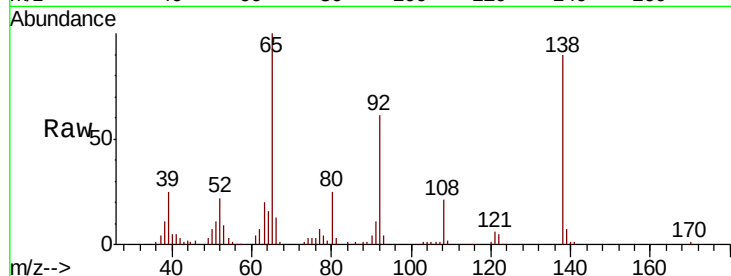




#47
 2-Nitroaniline
 Concen: 23.470 ng
 RT: 13.77 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

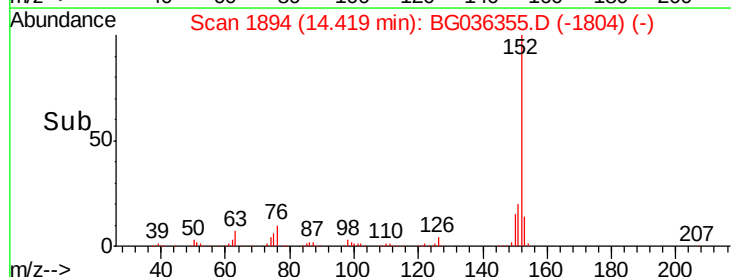
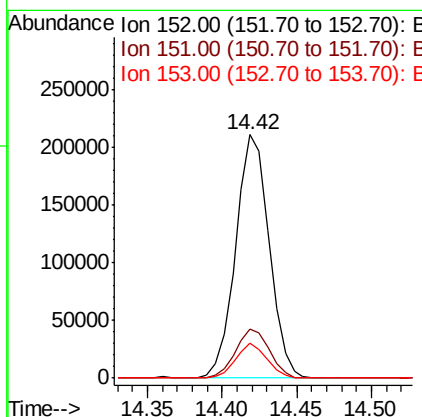
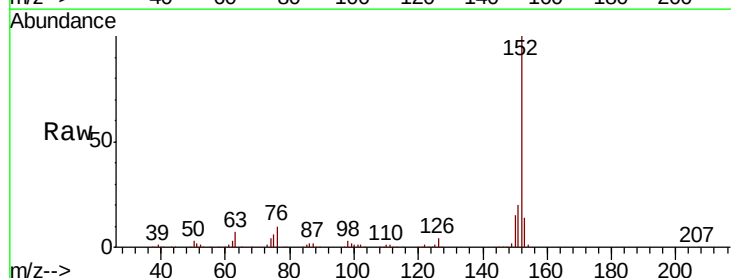
Instrument :
 BNA_G
 ClientSampleId :

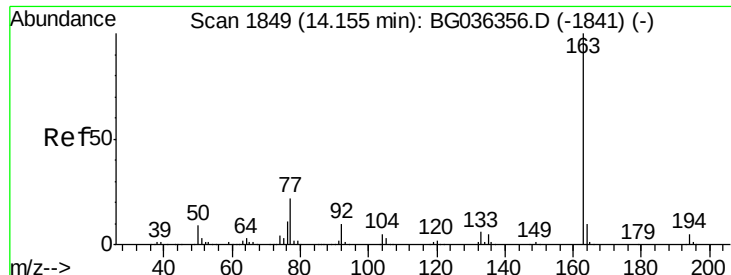
Tot Ion:	65	Resp:	66373
Ion	Ratio	Lower	Upper
65	100		
92	60.7	49.9	74.9
138	90.2	76.2	114.4



#48
 Acenaphthylene
 Concen: 24.496 ng
 RT: 14.42 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:	152	Resp:	328761
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	14.4	11.2	16.8





#49

Dimethylphthalate

Concen: 23.530 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

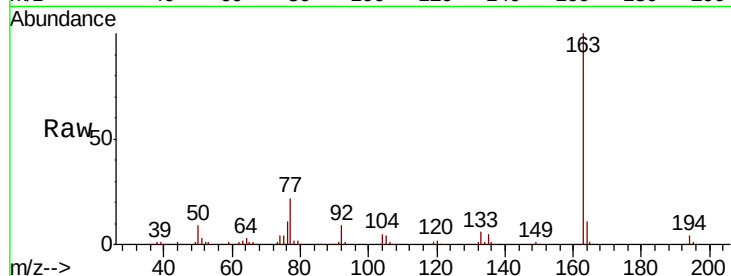
Tot Ion:163 Resp: 272966

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

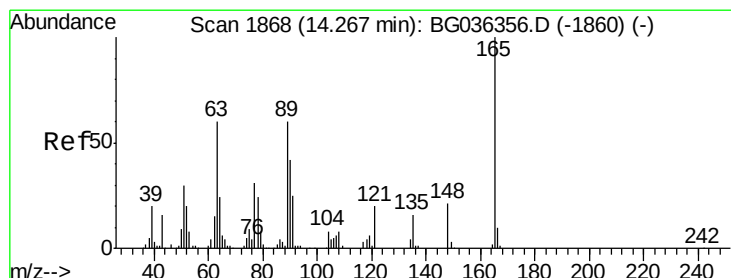
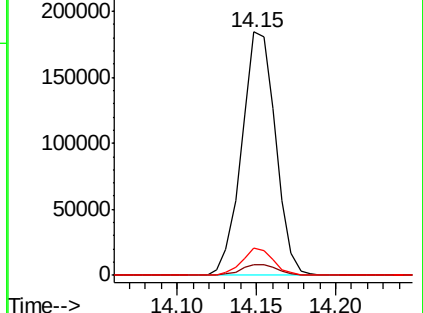
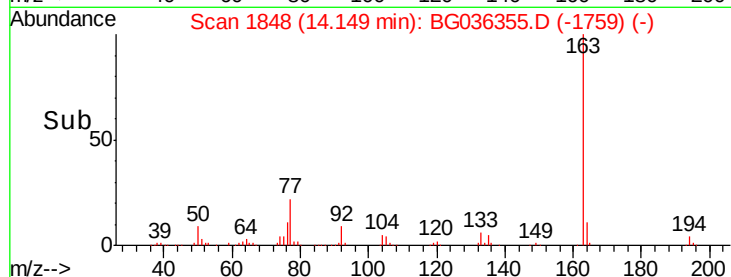
164 11.4 8.1 12.1



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: 23.251 ng

RT: 14.27 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

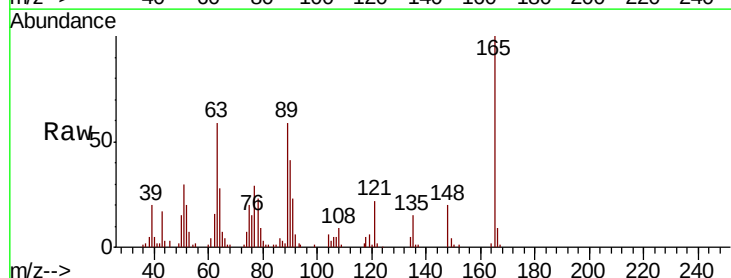
Tgt Ion:165 Resp: 54794

Ion Ratio Lower Upper

165 100

63 58.5 50.1 75.1

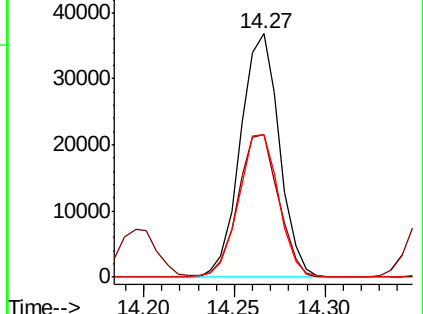
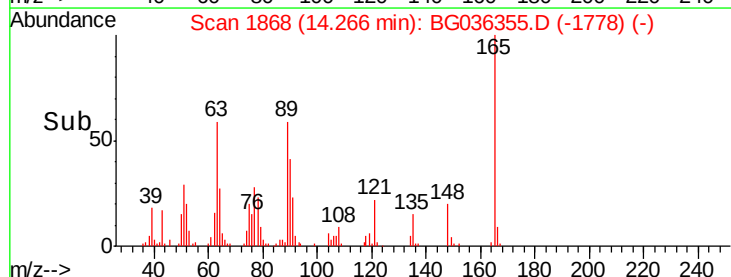
89 58.6 47.8 71.6

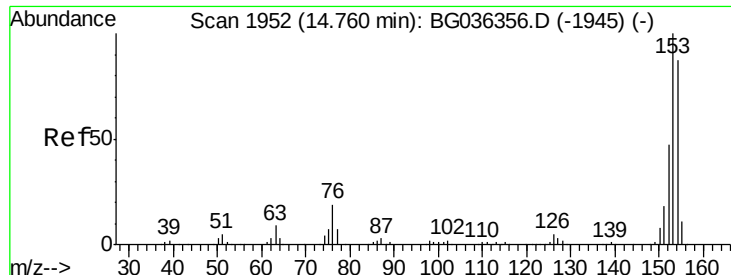


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 24.456 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

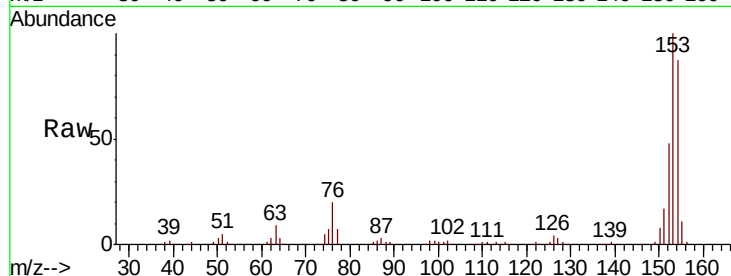
Tot Ion:154 Resp: 205753

Ion Ratio Lower Upper

154 100

153 115.3 91.8 137.6

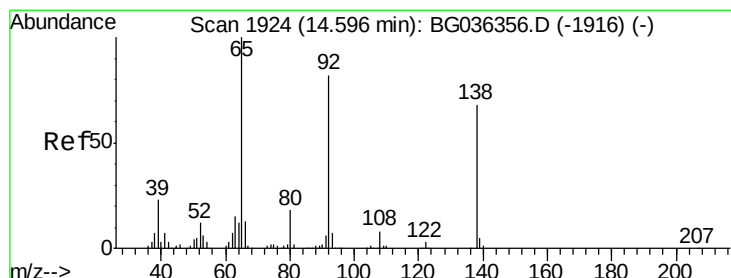
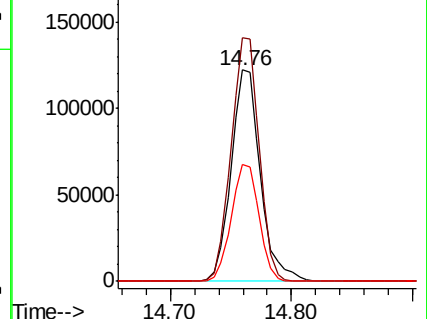
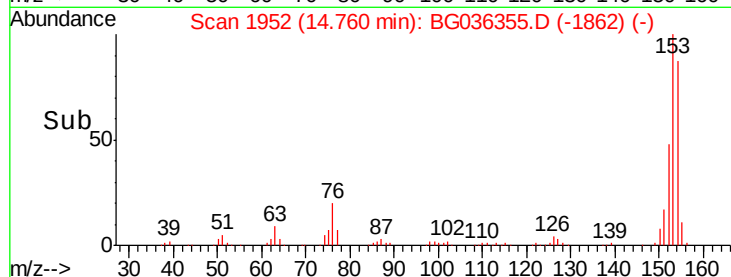
152 55.6 43.5 65.3



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: 25.249 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

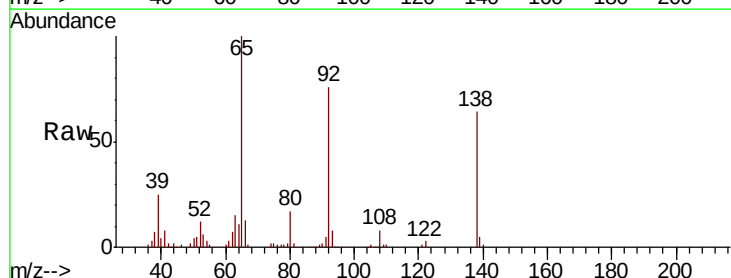
Tgt Ion:138 Resp: 61686

Ion Ratio Lower Upper

138 100

108 13.2 9.4 14.2

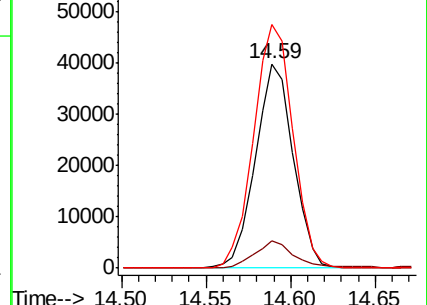
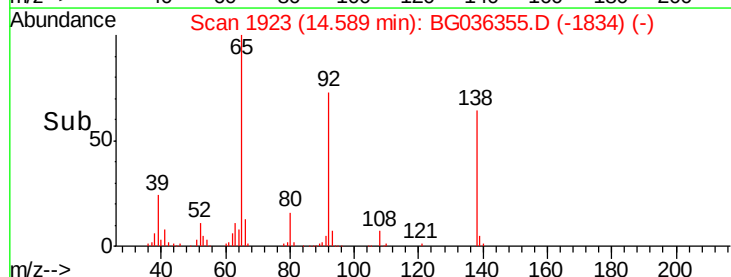
92 119.1 96.8 145.2

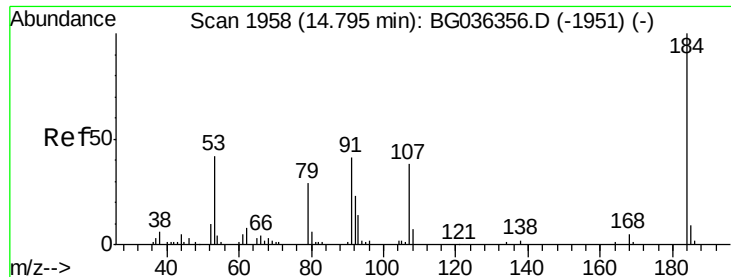


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

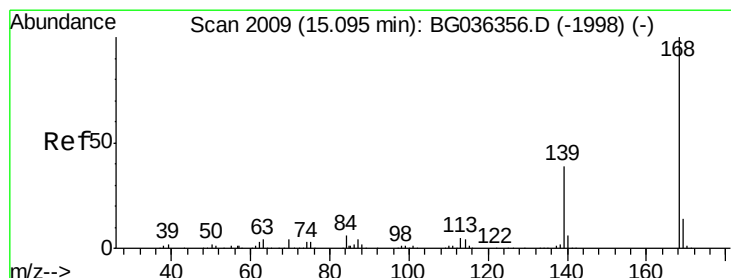
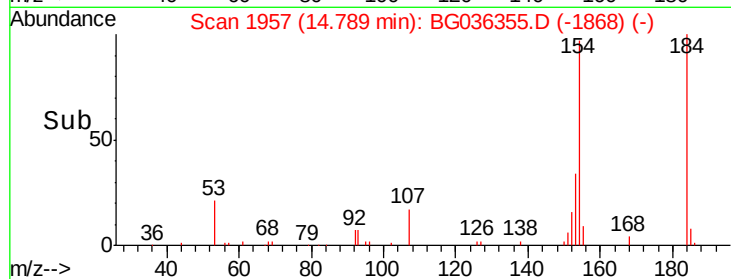
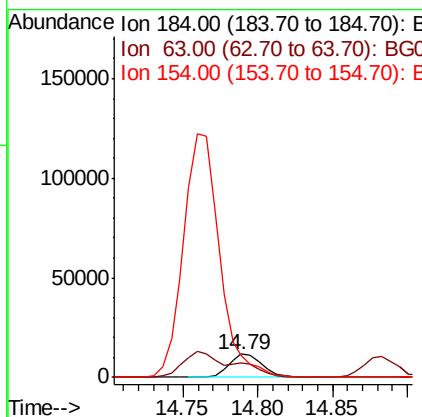
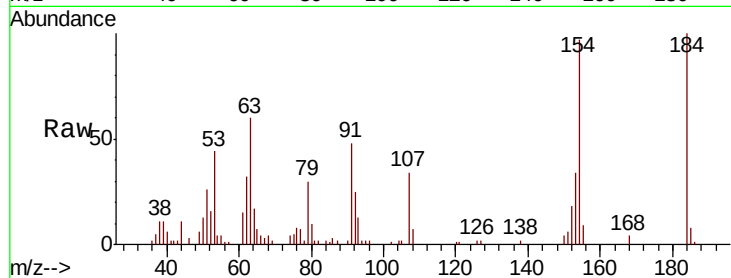




#53
 2,4-Dinitrophenol
 Concen: 18.062 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

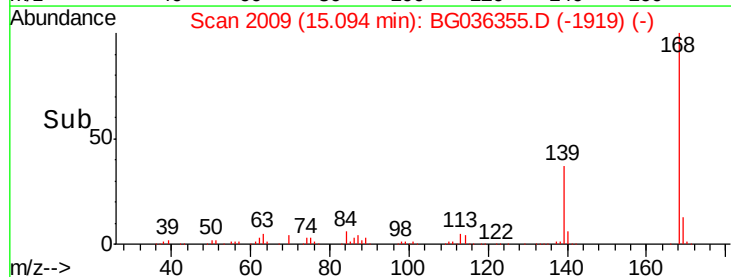
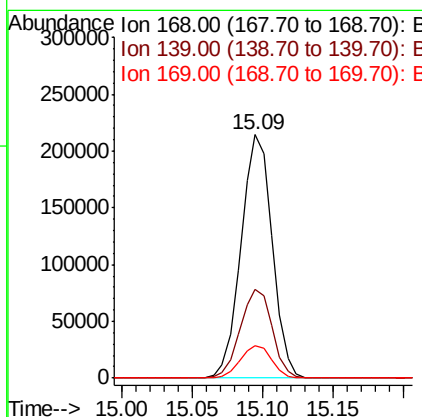
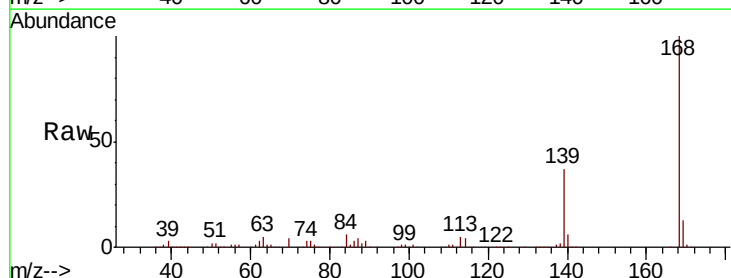
Instrument :
 BNA_G
 ClientSampleId :

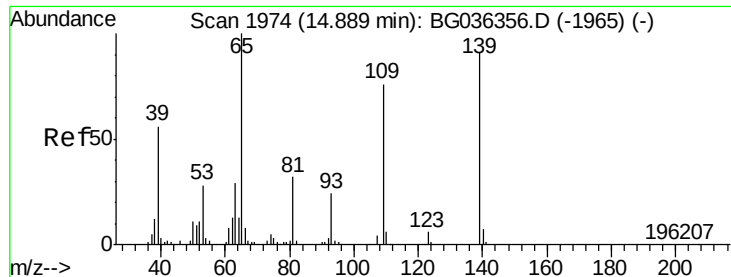
Tot Ion:184 Resp: 18401
 Ion Ratio Lower Upper
 184 100
 63 60.2 47.3 70.9
 154 96.9 51.1 76.7#



#54
 Dibenzofuran
 Concen: 24.849 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:168 Resp: 330843
 Ion Ratio Lower Upper
 168 100
 139 36.6 31.0 46.6
 169 13.5 11.1 16.7

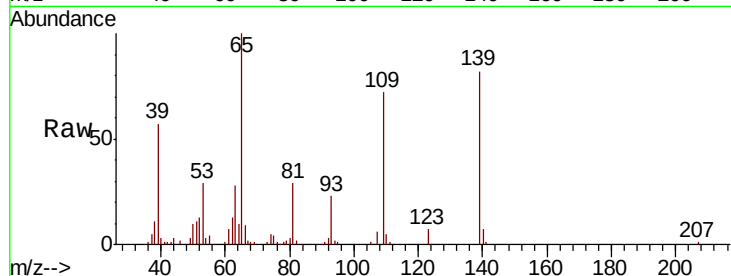




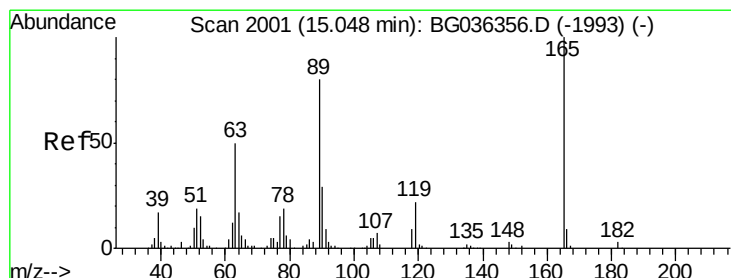
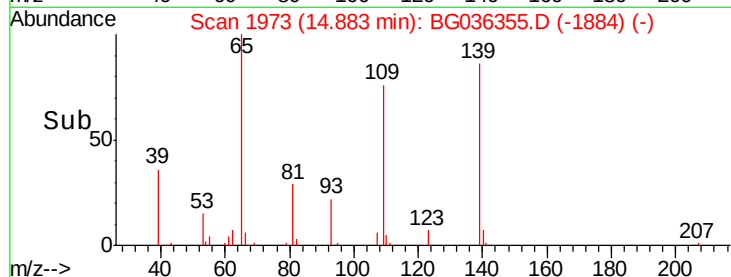
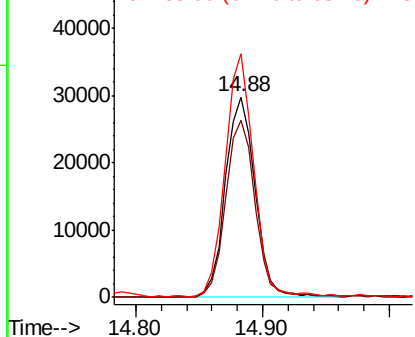
#55
4-Nitrophenol
Concen: 27.016 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 48178
Ion Ratio Lower Upper
139 100
109 88.0 63.9 103.9
65 121.4 90.0 130.0

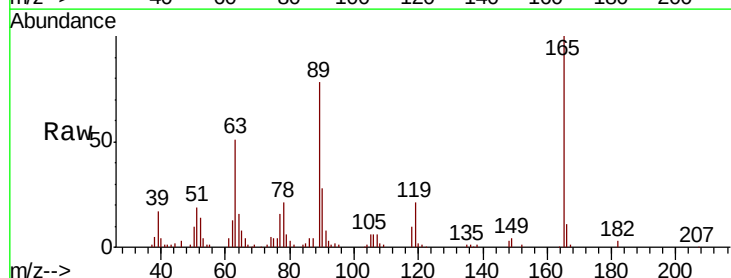


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

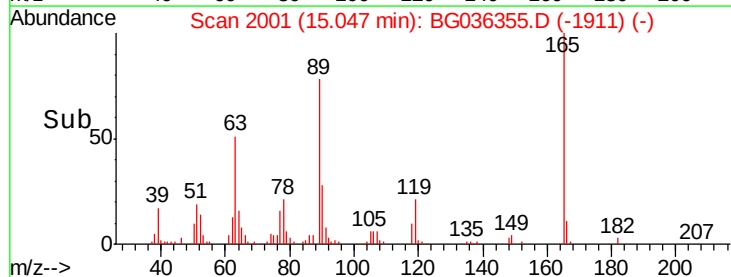
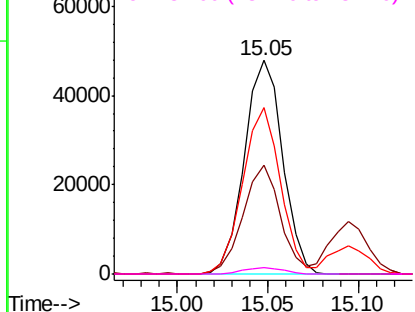


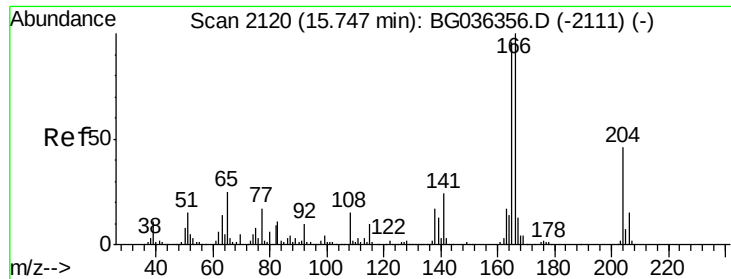
#56
2,4-Dinitrotoluene
Concen: 21.077 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion:165 Resp: 70126
Ion Ratio Lower Upper
165 100
63 50.8 40.1 60.1
89 78.2 63.7 95.5
182 2.8 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

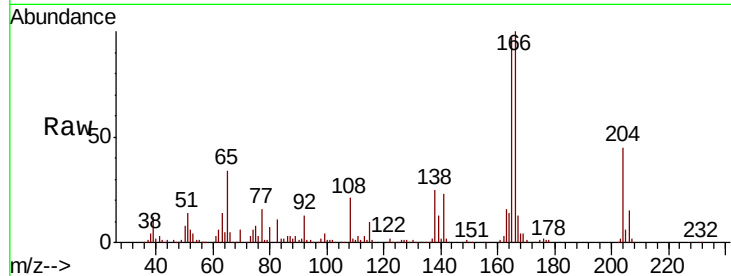




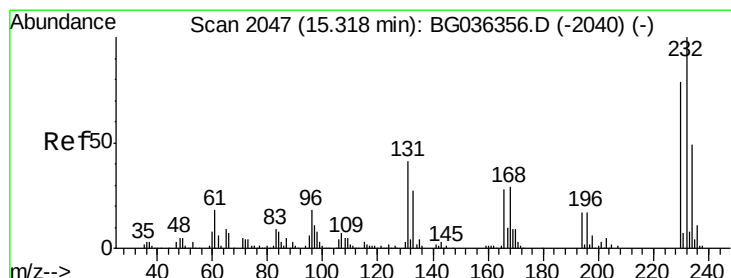
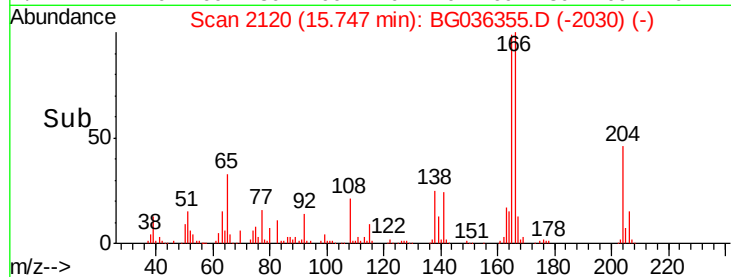
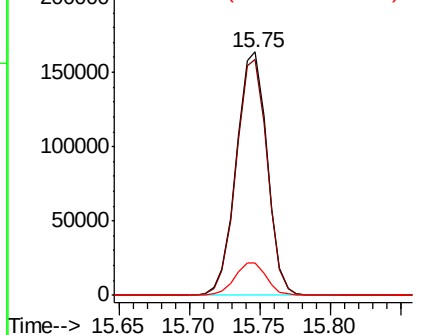
#57
 Fluorene
 Concen: 22.603 ng
 RT: 15.75 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 249444
 Ion Ratio Lower Upper
 166 100
 165 97.0 77.0 115.4
 167 13.3 10.6 16.0

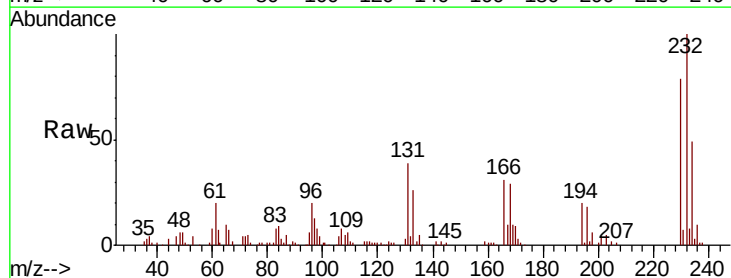


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

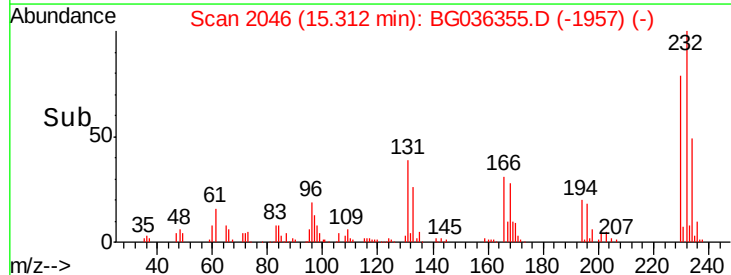
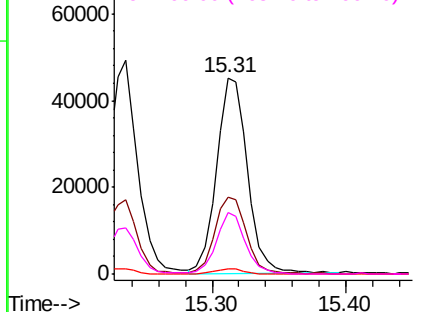


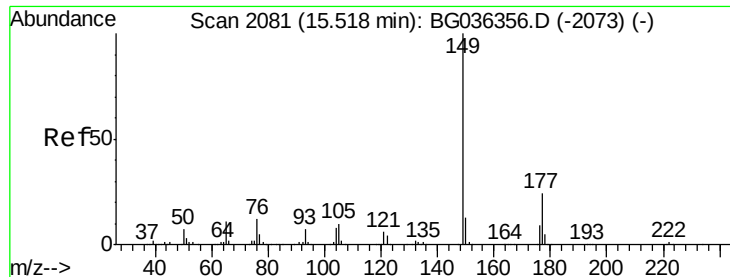
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.452 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:232 Resp: 73214
 Ion Ratio Lower Upper
 232 100
 131 40.8 33.8 50.8
 130 2.2 2.1 3.1
 166 29.8 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

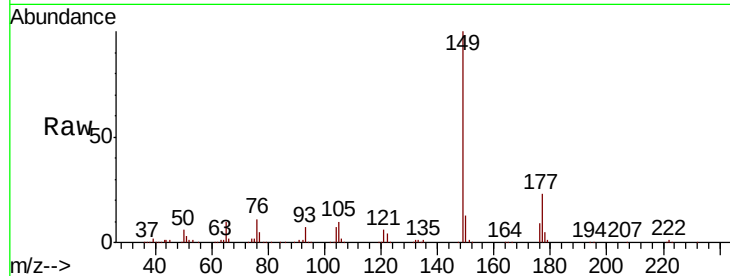




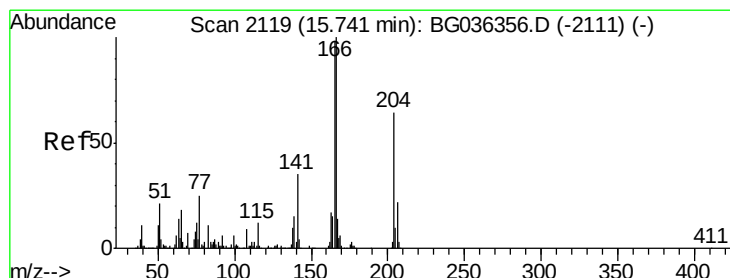
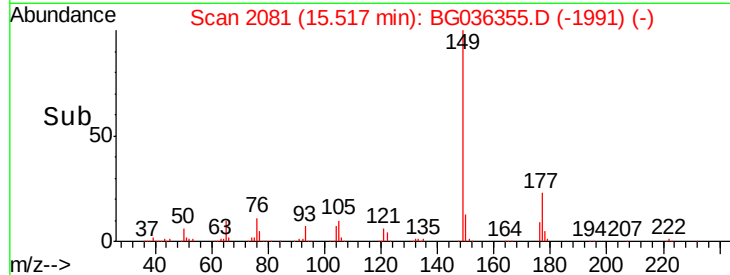
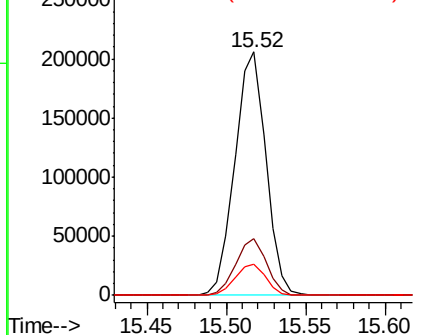
#59
Diethylphthalate
Concen: 23.476 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.1	28.7
150	12.5	10.7	16.1

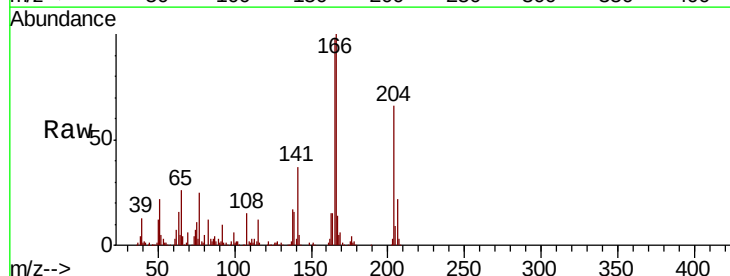


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

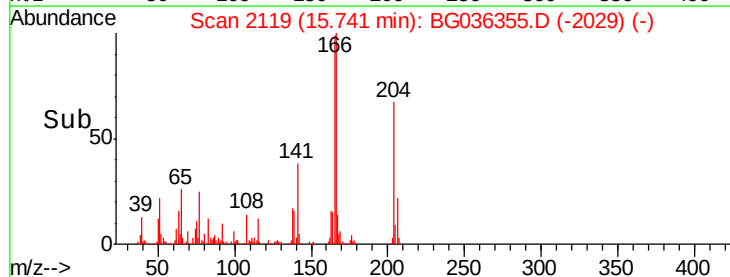
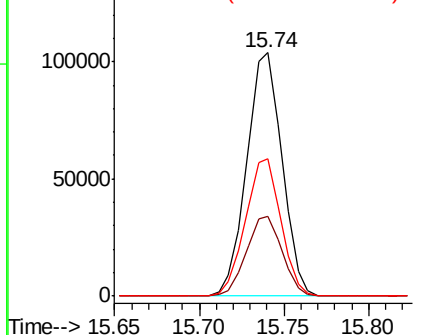


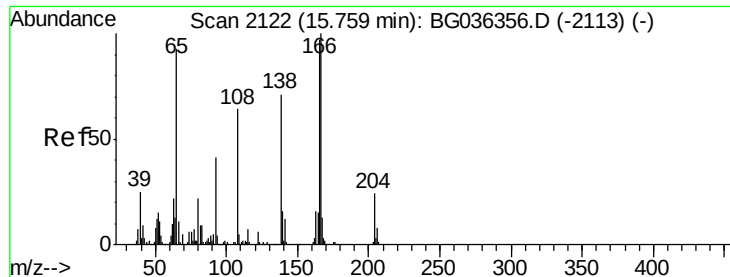
#60
4-Chlorophenyl-phenylether
Concen: 23.309 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.0	40.4
141	56.5	43.8	65.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

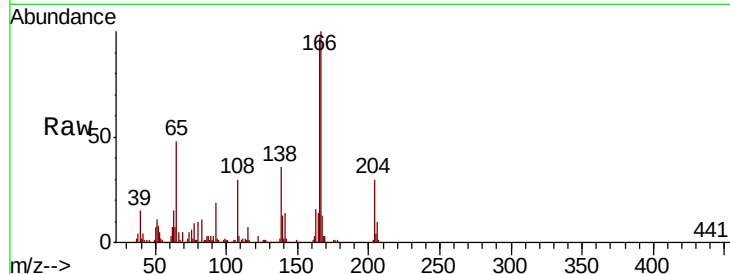




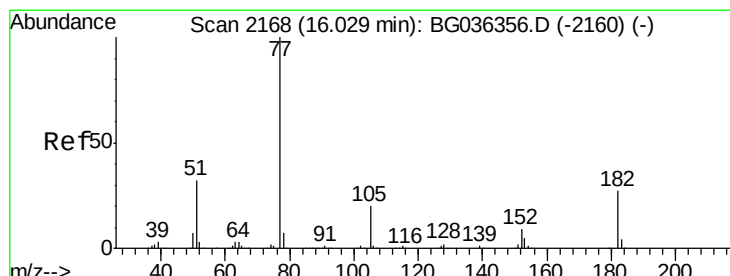
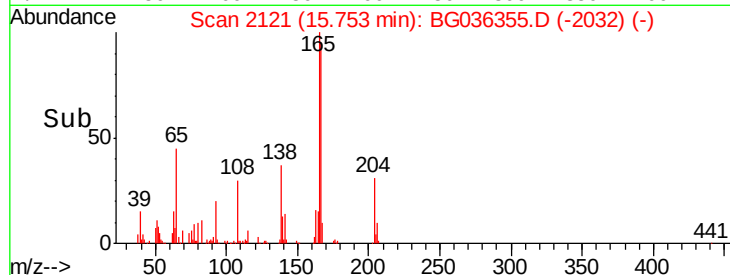
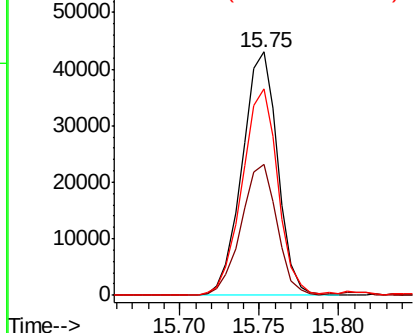
#61
4-Nitroaniline
Concen: 26.110 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 66621
Ion Ratio Lower Upper
138 100
92 53.9 38.5 78.5
108 84.6 70.3 110.3

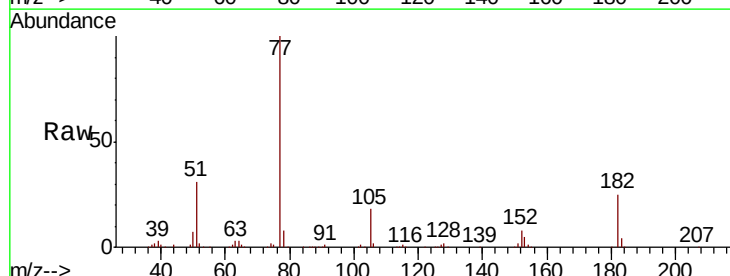


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

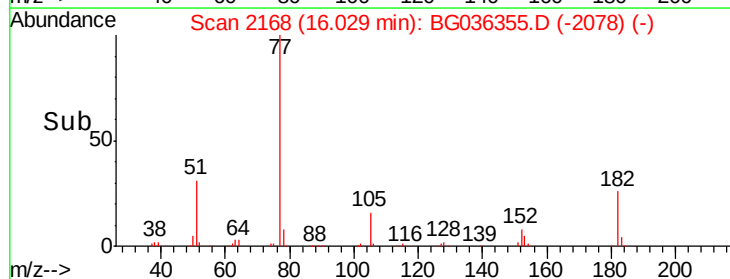
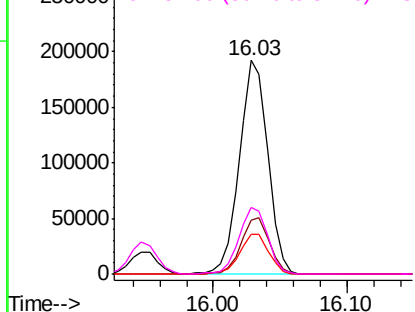


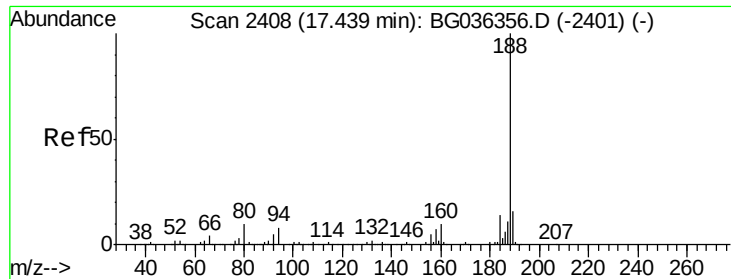
#62
Azobenzene
Concen: 23.993 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion: 77 Resp: 282153
Ion Ratio Lower Upper
77 100
182 25.2 6.7 46.7
105 18.4 0.0 39.8
51 31.5 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

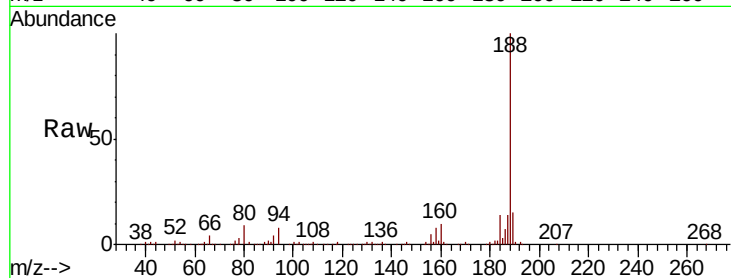
Tot Ion:188 Resp: 335813

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

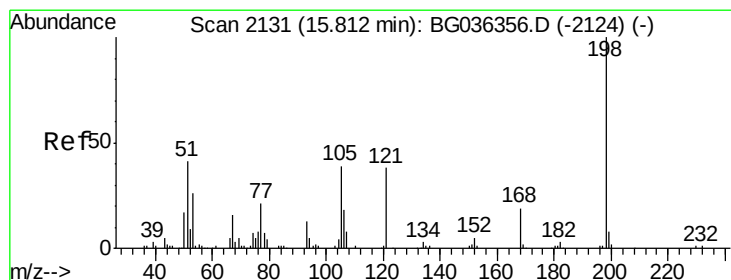
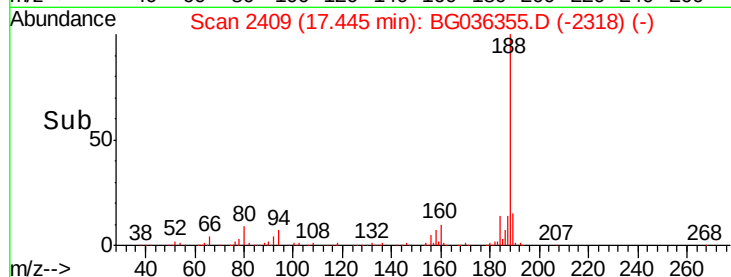
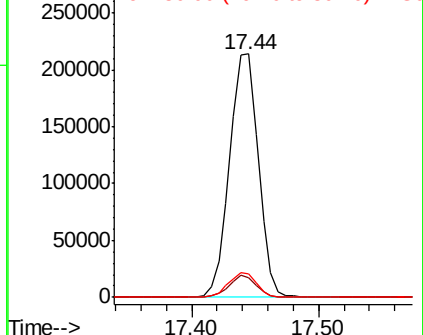
80 9.4 8.1 12.1



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: 17.990 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

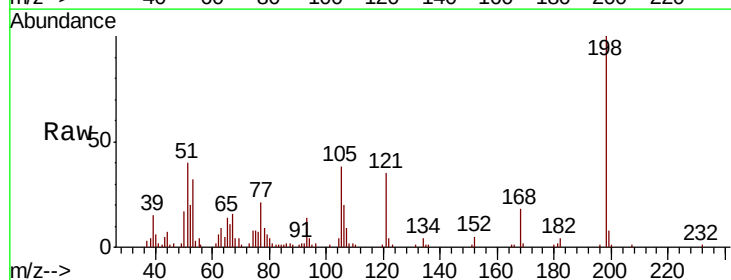
Tgt Ion:198 Resp: 32650

Ion Ratio Lower Upper

198 100

51 39.9 26.5 66.5

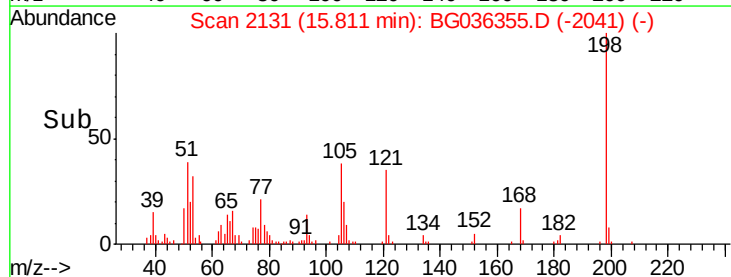
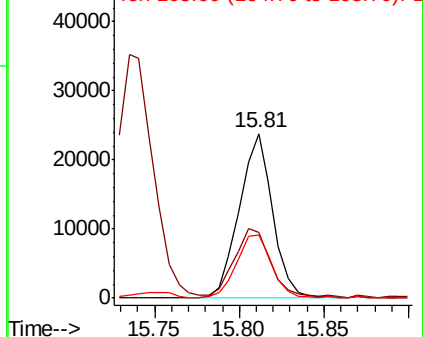
105 38.0 20.2 60.2

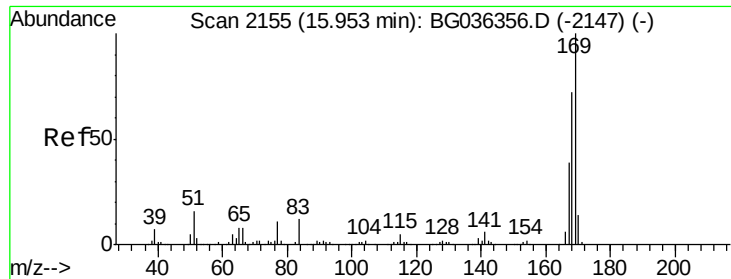


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

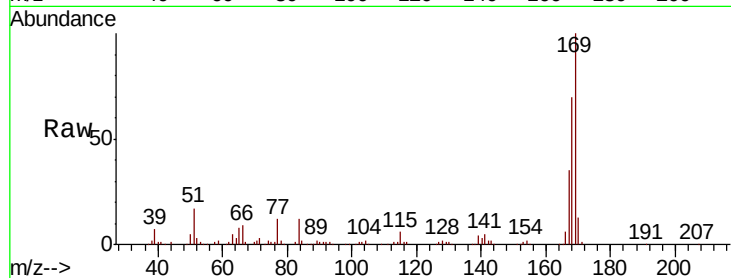




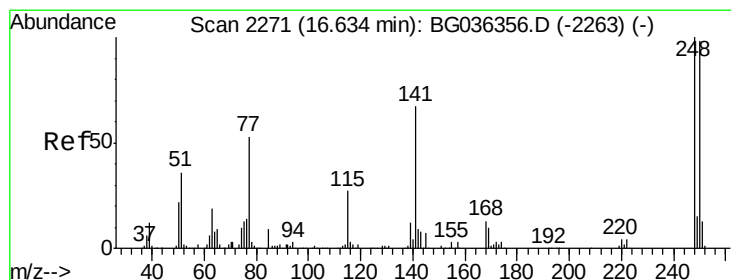
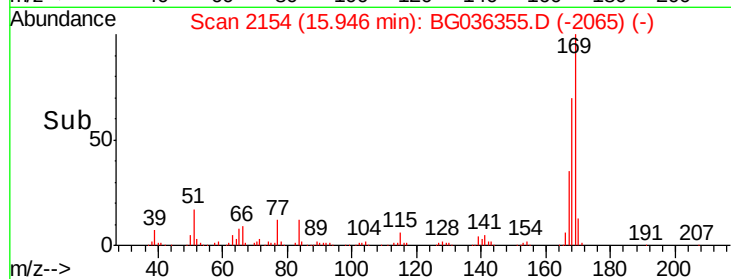
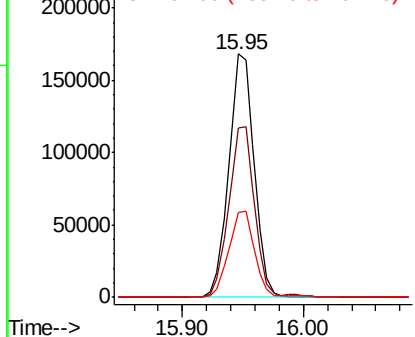
#65
 n-Nitrosodiphenylamine
 Concen: 25.495 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 245333
 Ion Ratio Lower Upper
 169 100
 168 69.8 57.6 86.4
 167 34.7 31.0 46.4

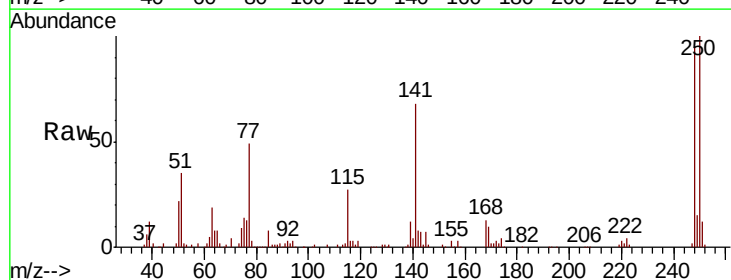


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

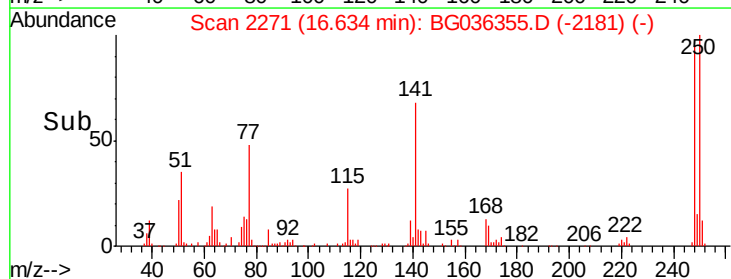
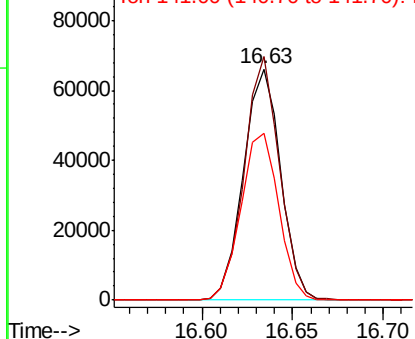


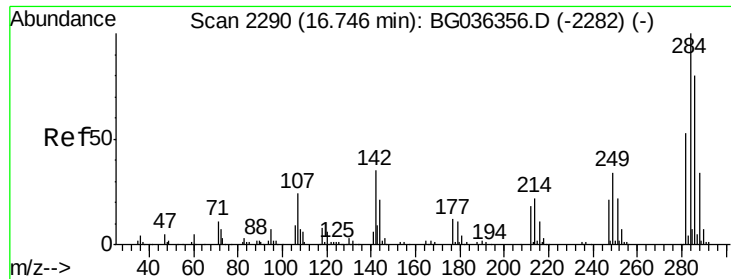
#66
 4-Bromophenyl-phenylether
 Concen: 24.152 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:248 Resp: 94376
 Ion Ratio Lower Upper
 248 100
 250 105.5 78.1 117.1
 141 72.2 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: 24.862 ng

RT: 16.75 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

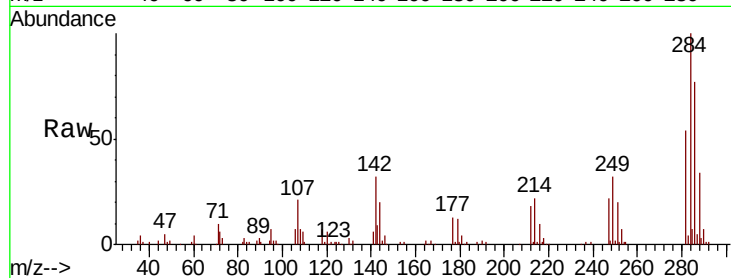
Tot Ion:284 Resp: 100222

Ion Ratio Lower Upper

284 100

142 31.8 27.8 41.6

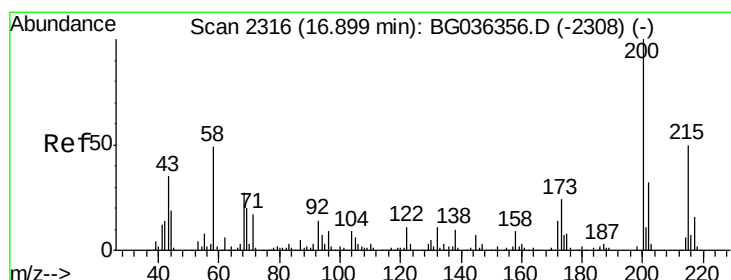
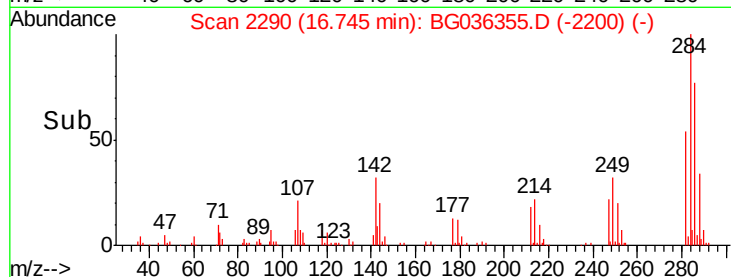
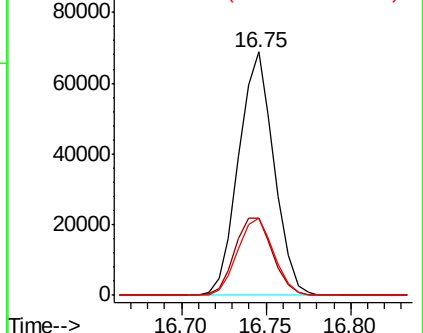
249 31.8 27.4 41.2



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: 25.610 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

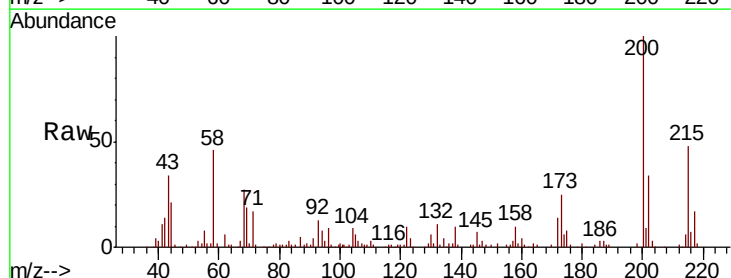
Tgt Ion:200 Resp: 99681

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

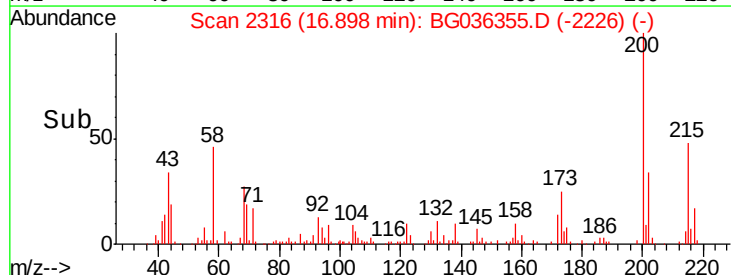
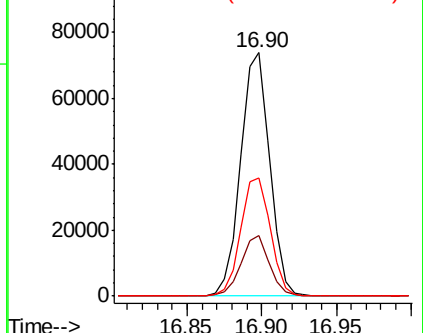
215 48.5 30.4 70.4

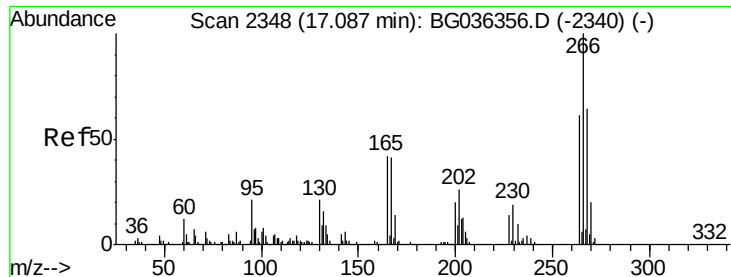


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

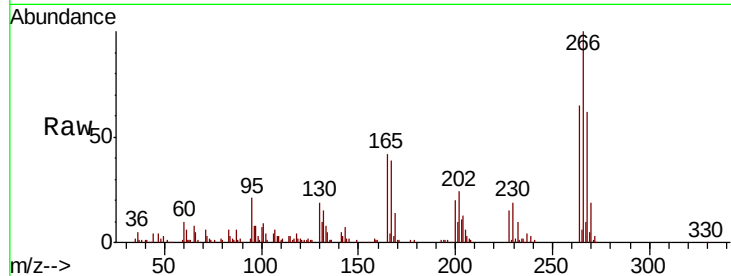




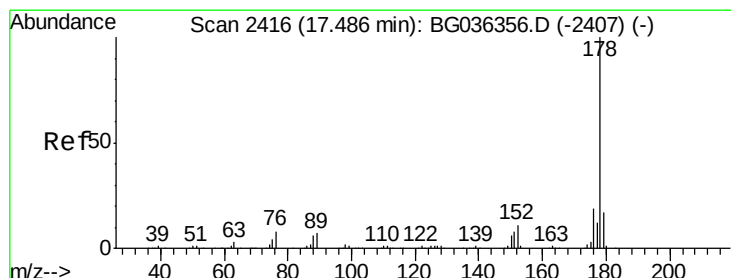
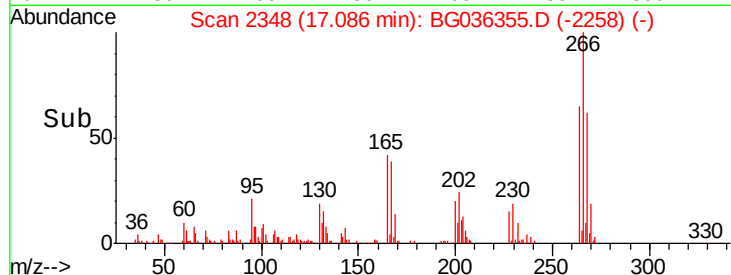
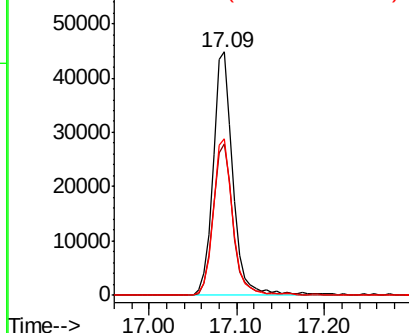
#69
 Pentachlorophenol
 Concen: 27.897 ng
 RT: 17.09 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 70390
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.4 77.2
 264 64.6 48.9 73.3

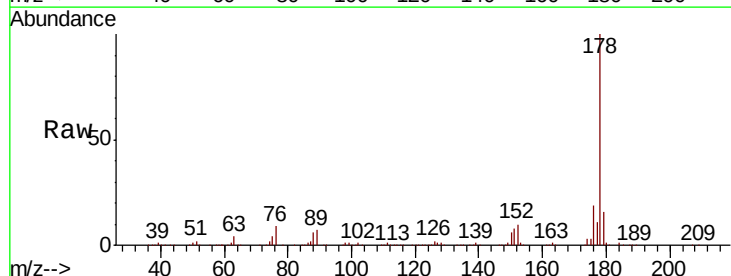


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

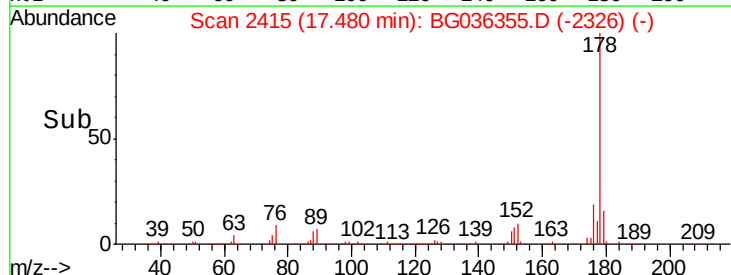
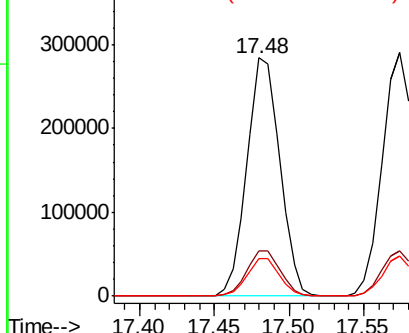


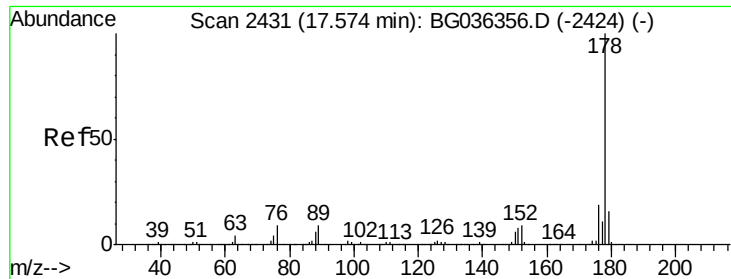
#70
 Phenanthrene
 Concen: 25.652 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion:178 Resp: 433108
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.8 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

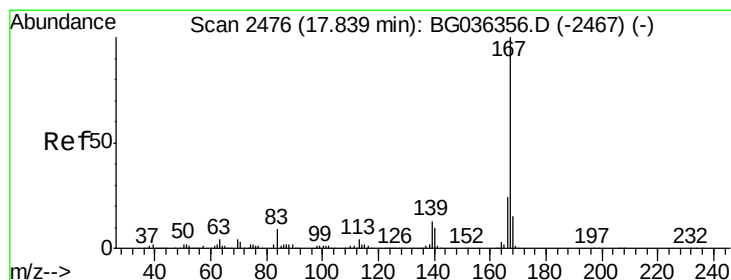
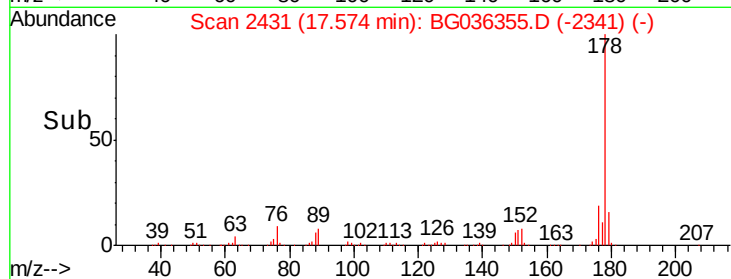
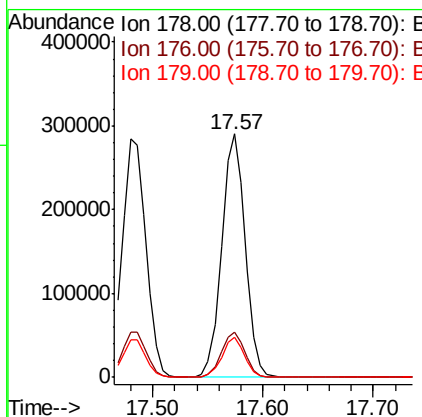
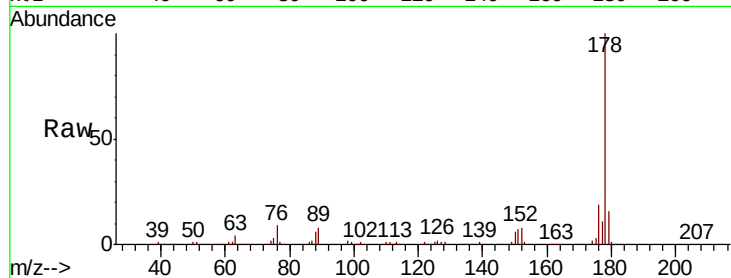




#71
 Anthracene
 Concen: 25.589 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

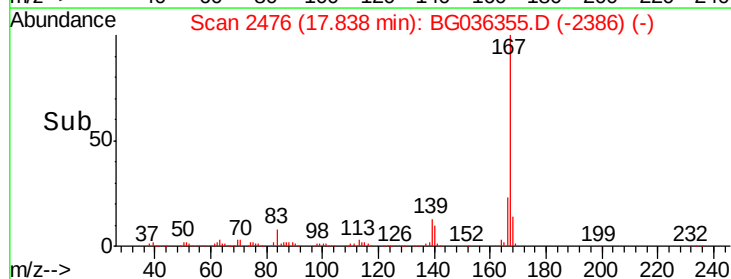
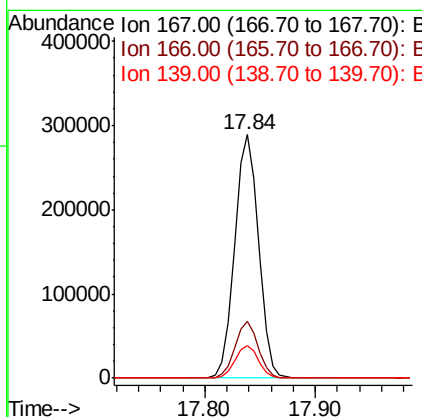
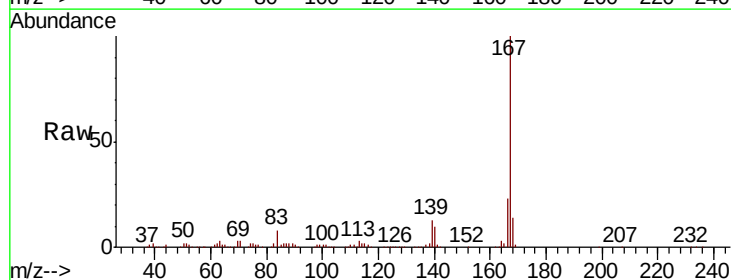
Instrument :
 BNA_G
 ClientSampleId :

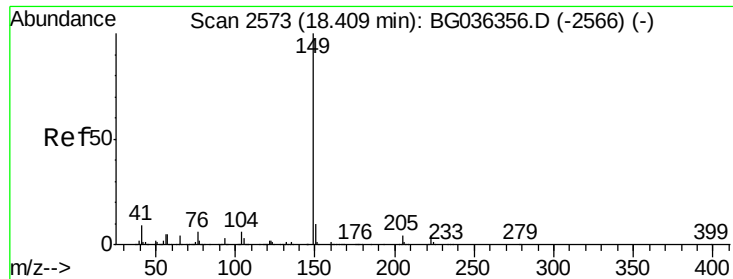
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.4	13.0	19.4



#72
 Carbazole
 Concen: 27.230 ng
 RT: 17.84 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

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





#73

Di-n-butylphthalate

Concen: 26.375 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG036355.D

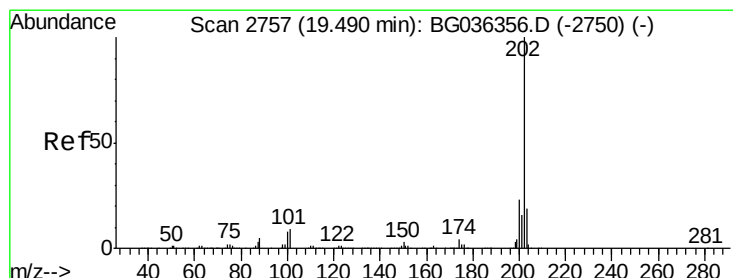
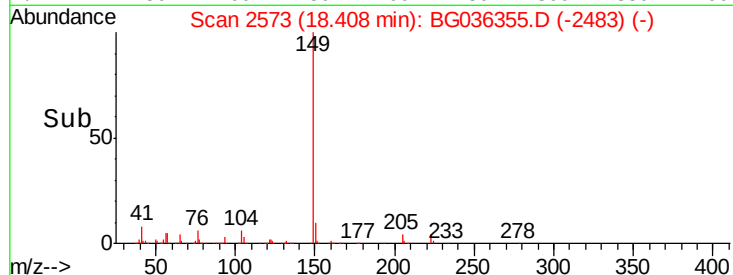
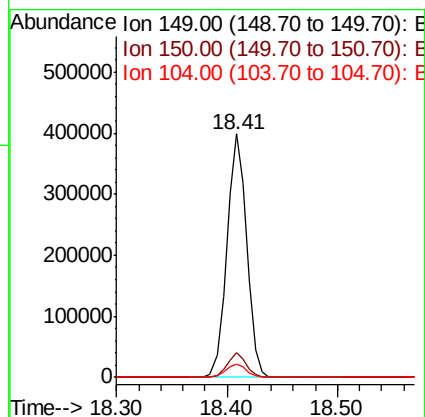
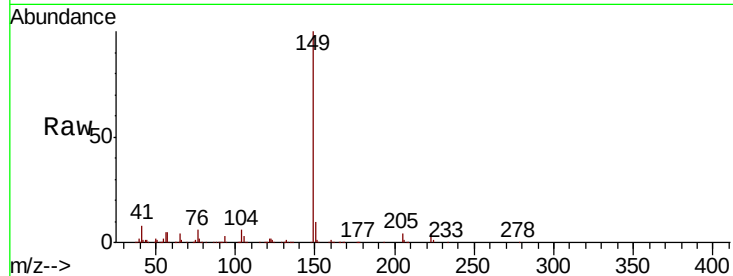
Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	498022
Ion Ratio	Lower	Upper
149	100	
150	9.9	8.1 12.1
104	5.6	4.6 6.8



#74

Fluoranthene

Concen: 24.236 ng

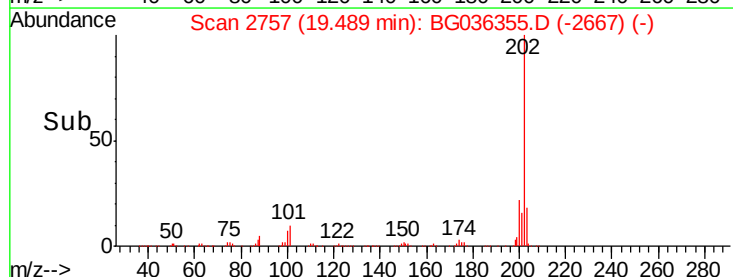
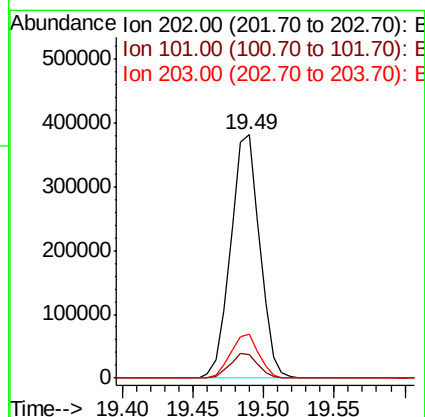
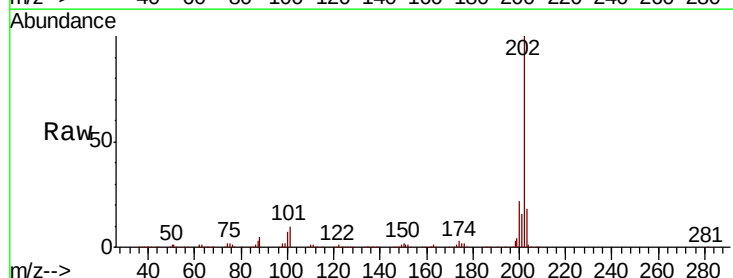
RT: 19.49 min Scan# 2757

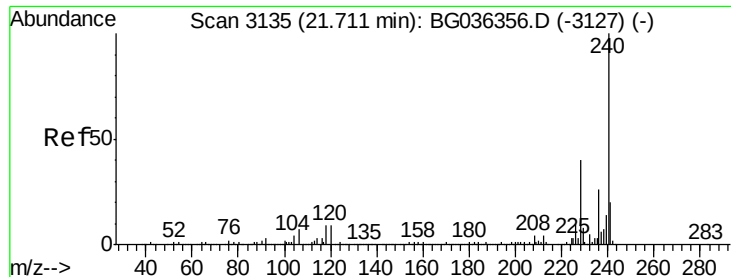
Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Tgt Ion:202	Resp:	544511
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 29.4
203	18.2	0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

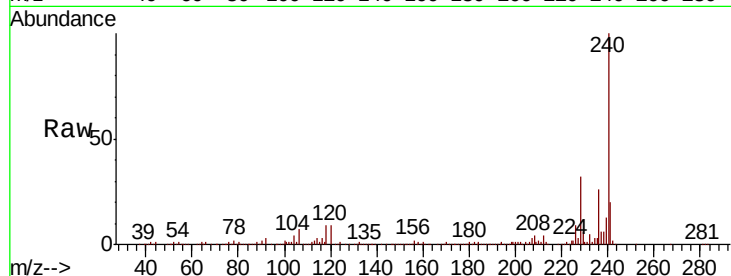
Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 356777

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	26.1	21.2	31.8

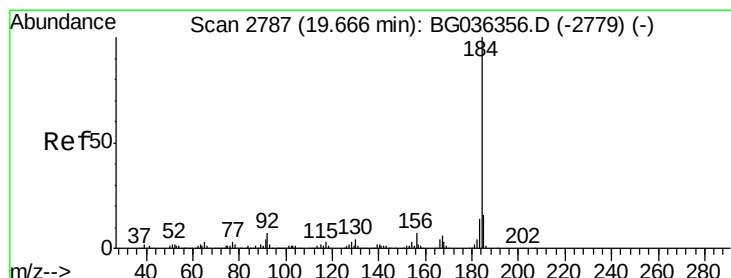
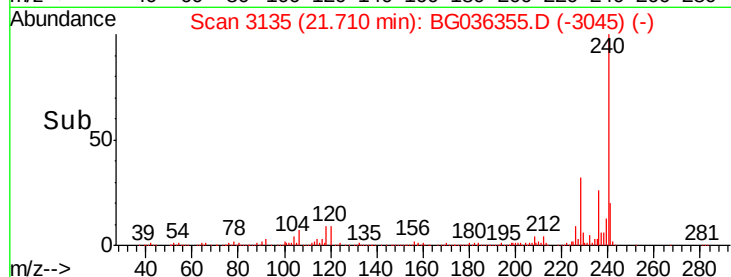
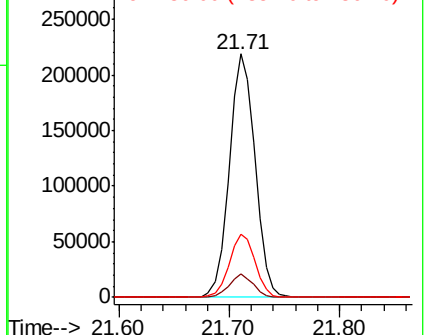


Abundance

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: 28.222 ng

RT: 19.67 min Scan# 2787

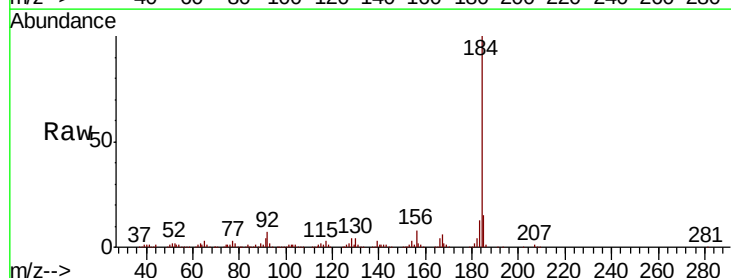
Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Tgt Ion:184 Resp: 272835

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	12.8	10.9	16.3

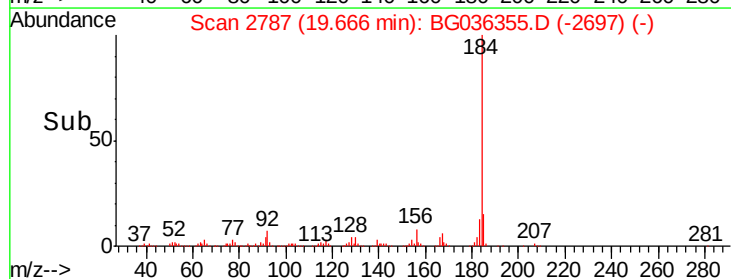
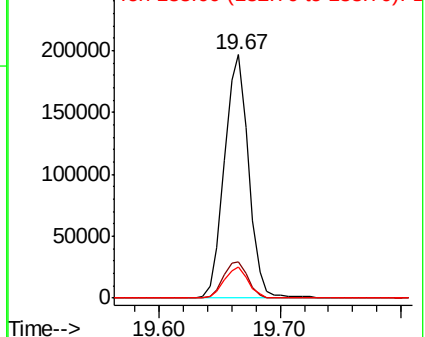


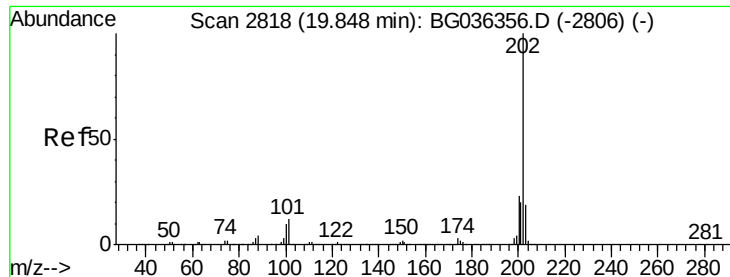
Abundance

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: 24.402 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampled :

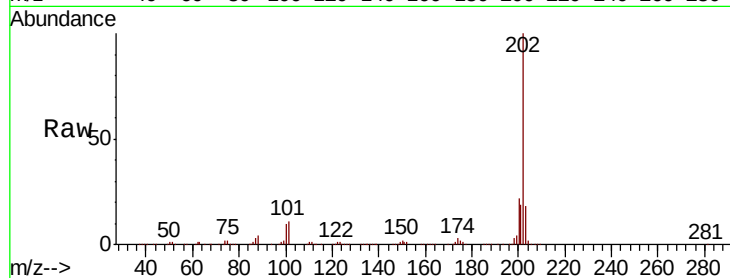
Tot Ion:202 Resp: 553043

Ion Ratio Lower Upper

202 100

200 22.5 18.3 27.5

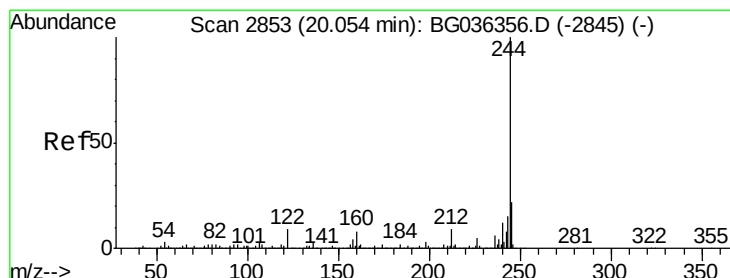
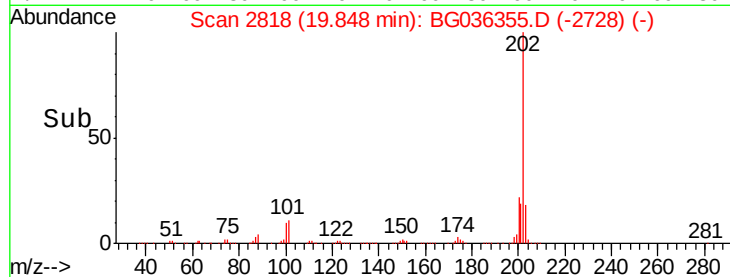
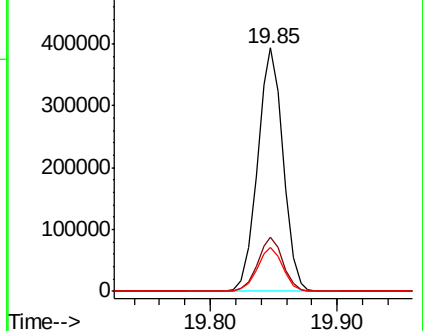
203 17.9 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.218 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

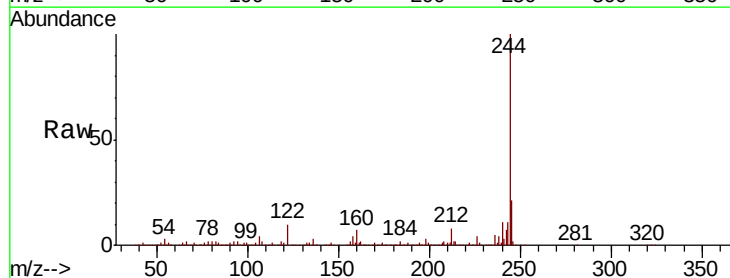
Tgt Ion:244 Resp: 794173

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

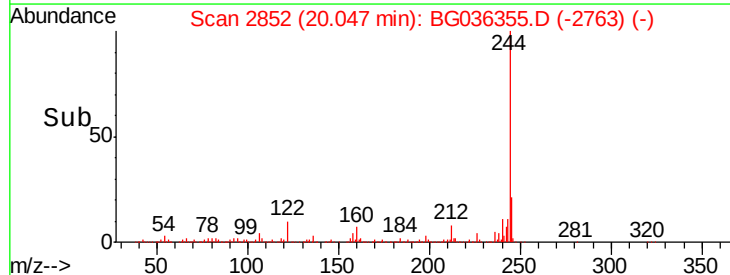
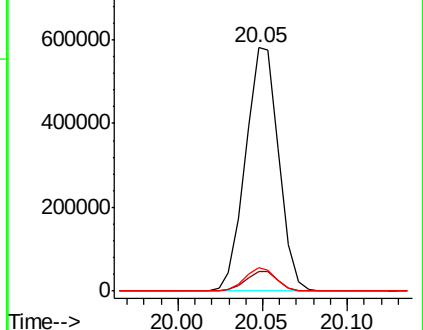
122 9.7 7.1 10.7

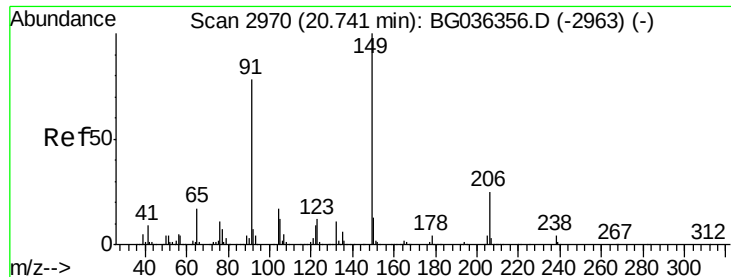


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

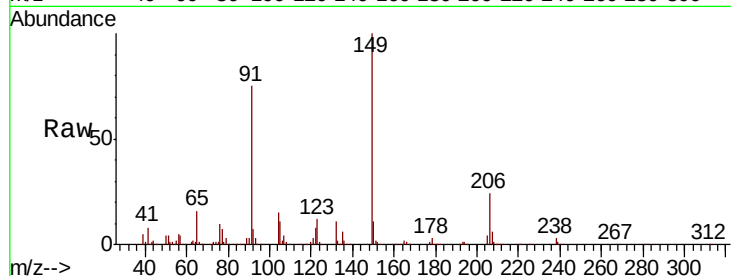




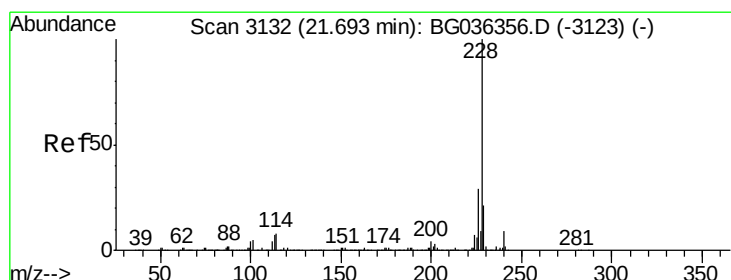
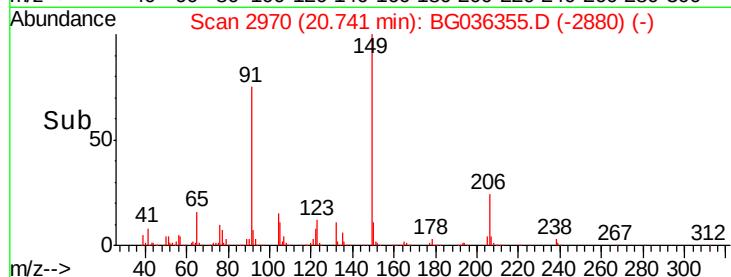
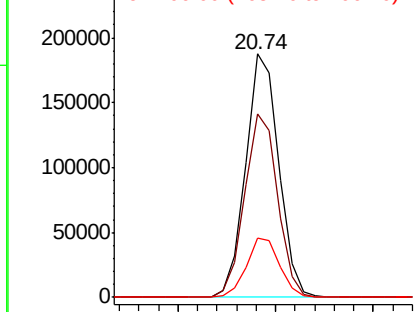
#79
Butylbenzylphthalate
Concen: 26.783 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.0	93.0
206	24.5	19.6	29.4

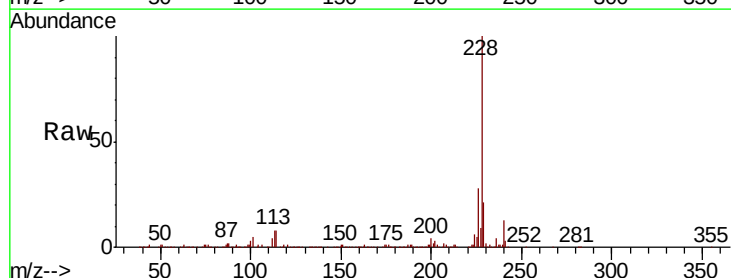


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

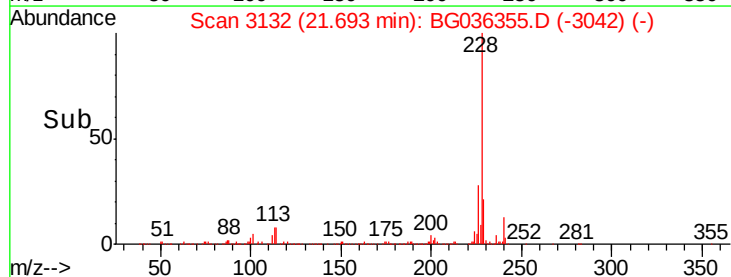
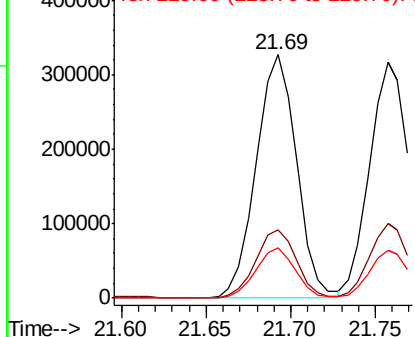


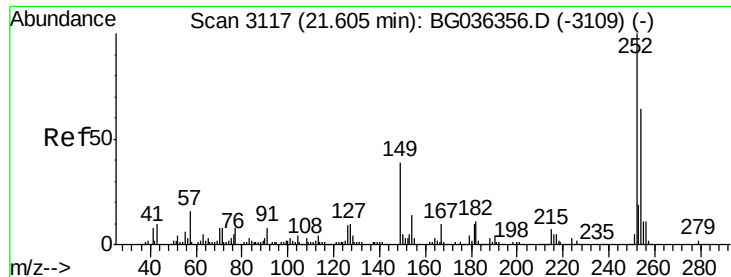
#80
Benzo(a)anthracene
Concen: 24.392 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.6	17.1	25.7



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

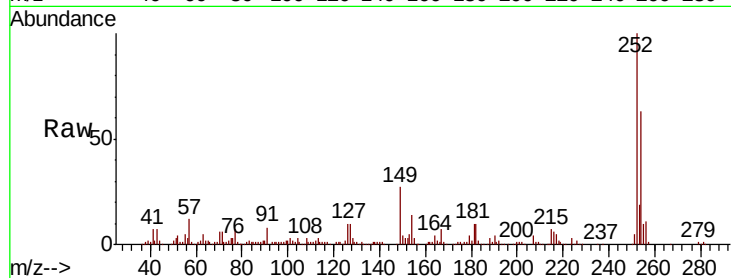




#81
 3,3'-Dichlorobenzidine
 Concen: 27.856 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.0	76.4
126	9.7	7.4	11.0

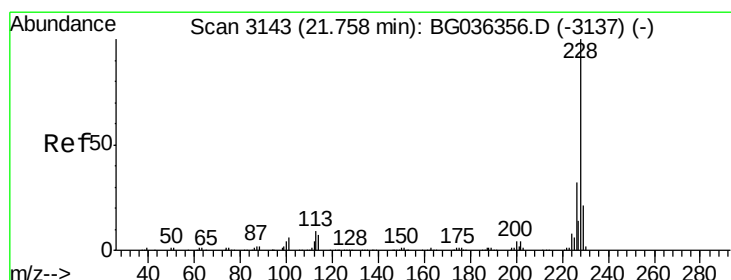
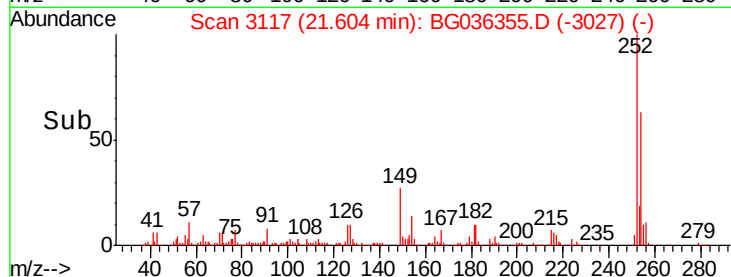
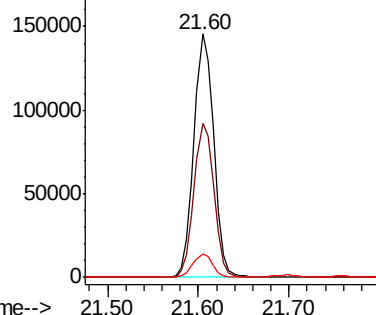


Abundance

Ion 252.00 (251.70 to 252.70): E

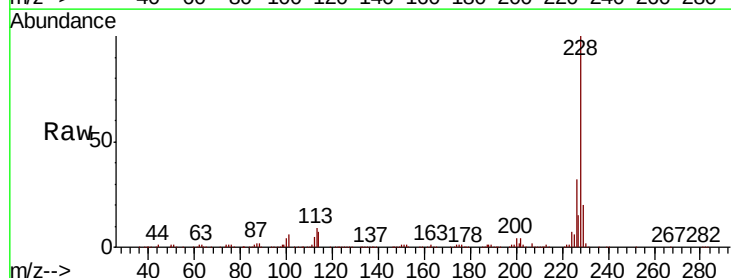
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 24.808 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG036355.D
 Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.2	16.9	25.3

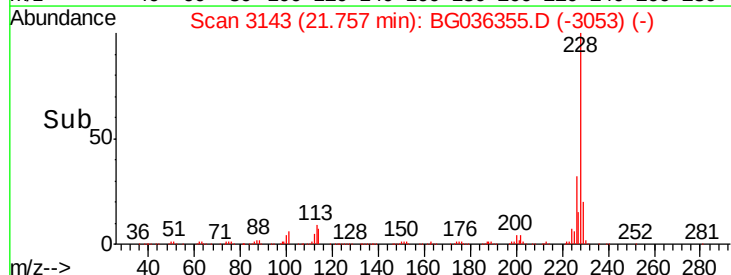
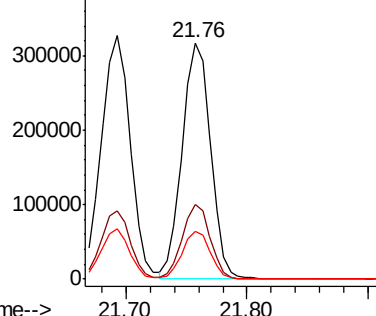


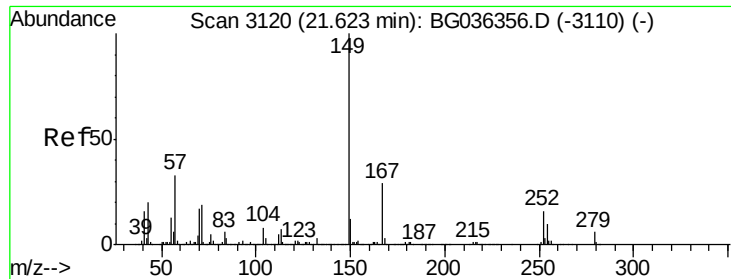
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.885 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

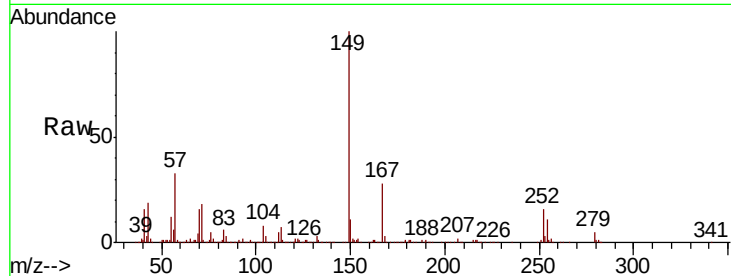
Tot Ion:149 Resp: 312313

Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.0

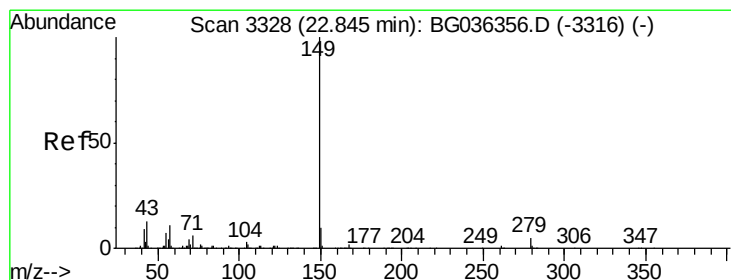
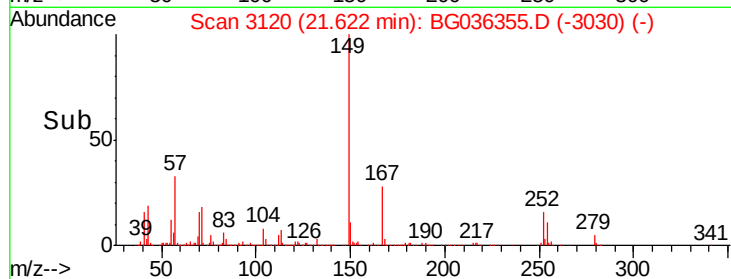
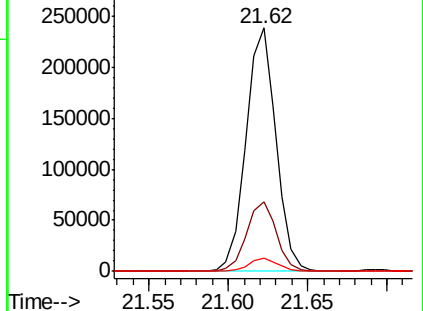
279 5.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 28.056 ng

RT: 22.85 min Scan# 3329

Delta R.T. 0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

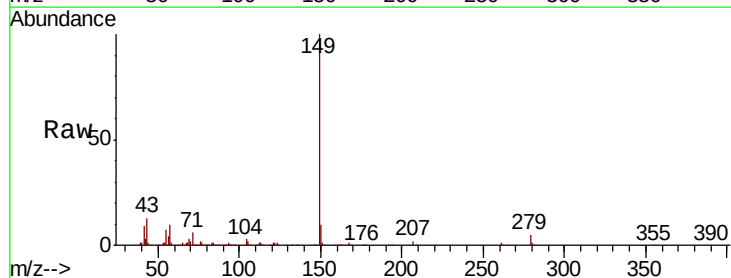
Tgt Ion:149 Resp: 526792

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

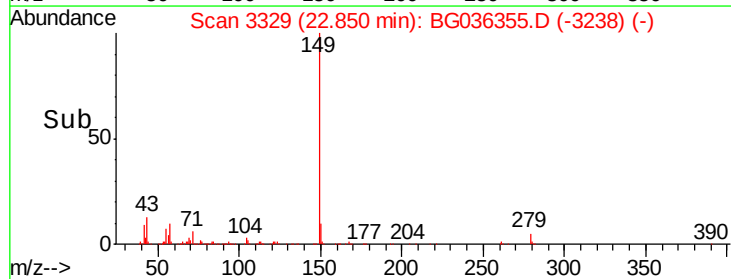
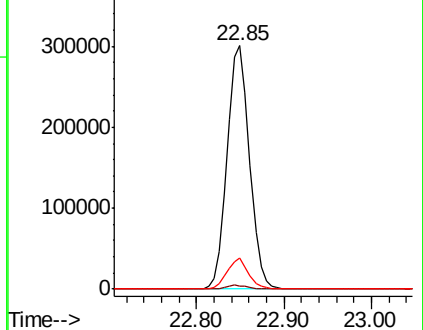
43 12.2 10.0 15.0

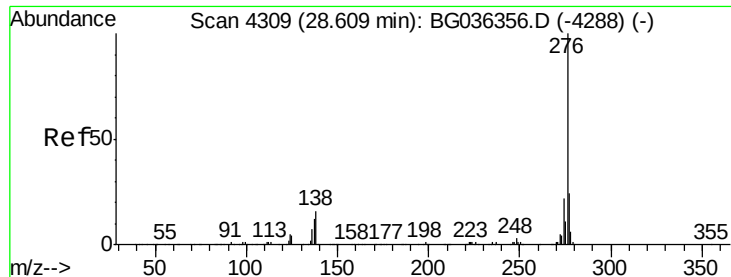


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.669 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

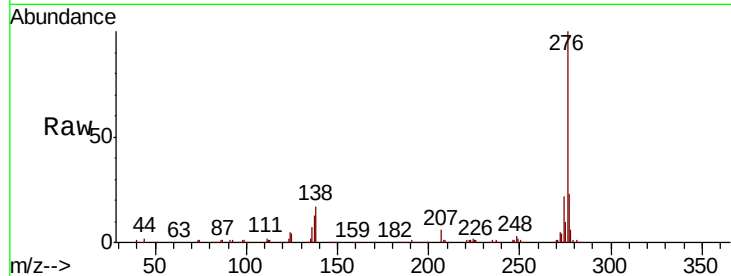
Tot Ion:276 Resp: 591990

Ion Ratio Lower Upper

276 100

138 13.7 10.6 15.8

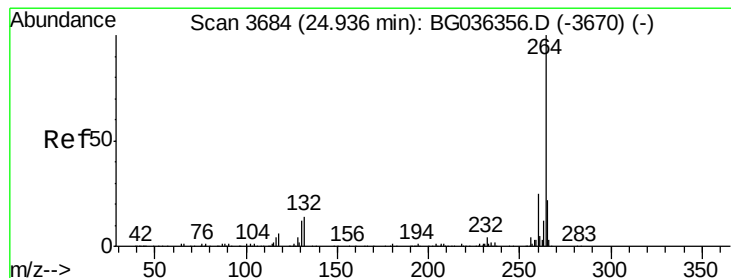
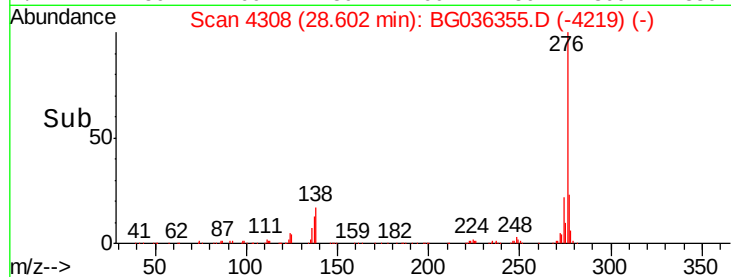
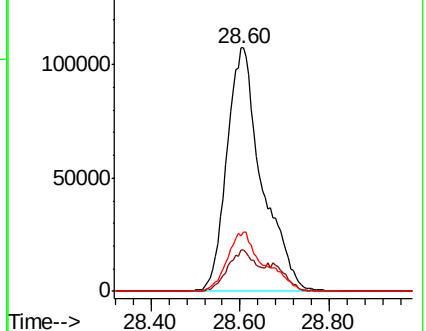
277 25.4 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

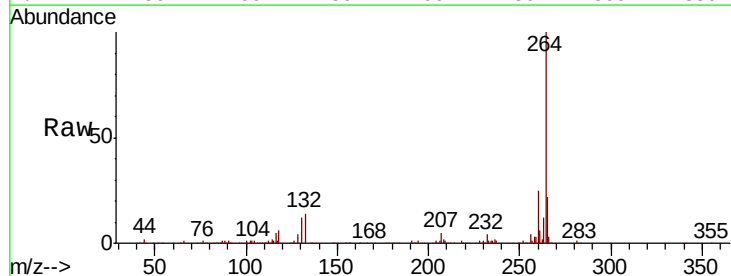
Tgt Ion:264 Resp: 377829

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

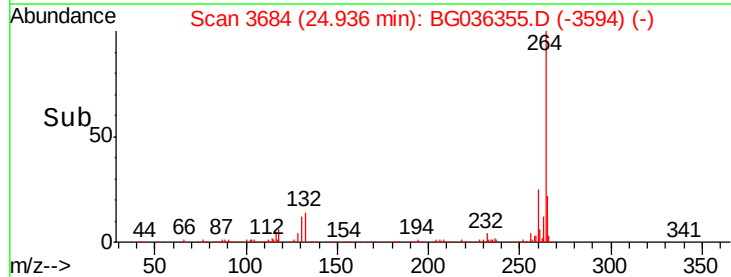
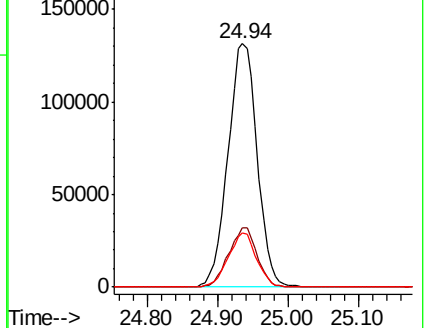
265 22.0 17.4 26.0

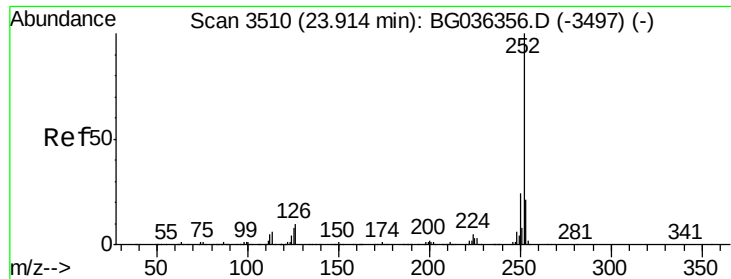


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

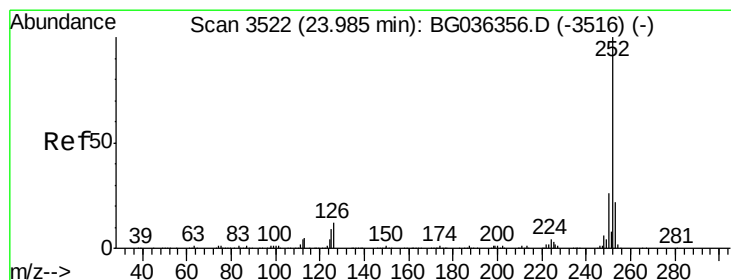
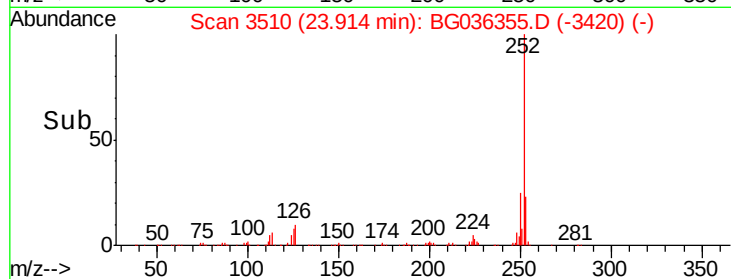
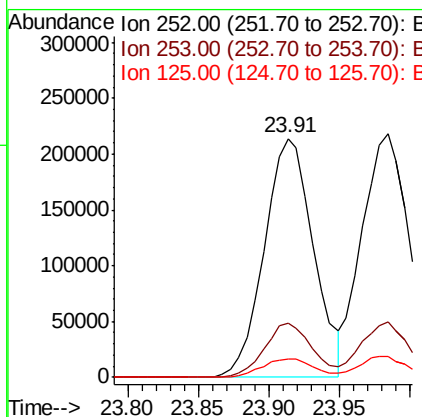
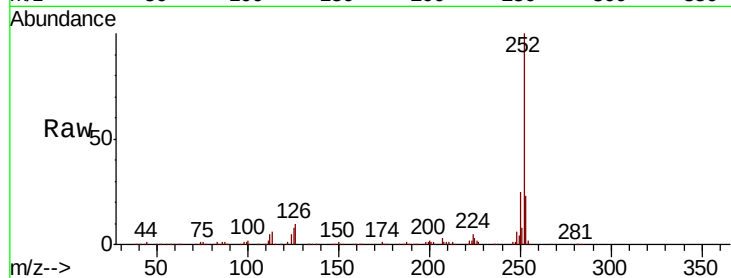




#87
Benzo(b)fluoranthene
Concen: 22.689 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

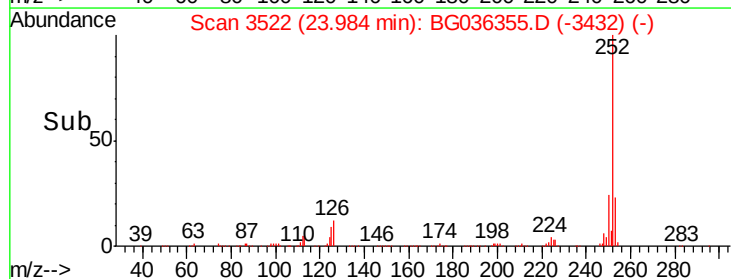
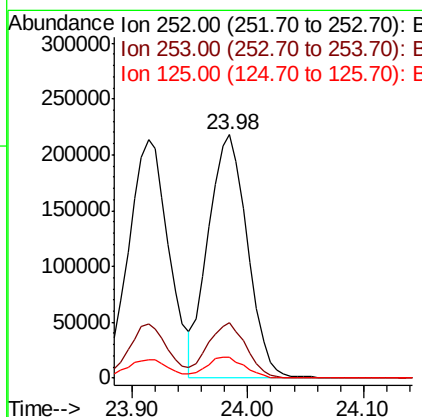
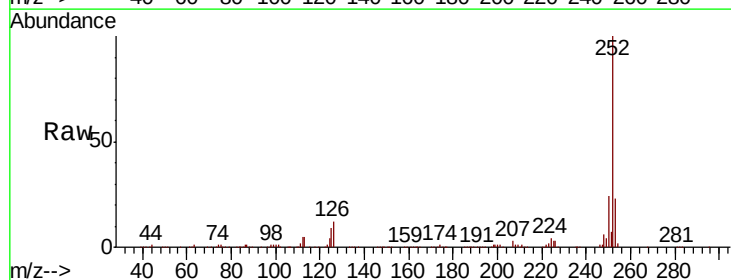
Instrument :
BNA_G
ClientSampled :

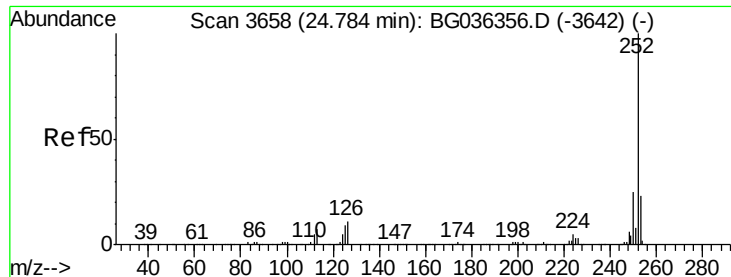
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	7.7	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 22.933 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG036355.D
Acq: 22 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	8.6	7.0	10.6





#89

Benzo(a)pyrene

Concen: 23.564 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

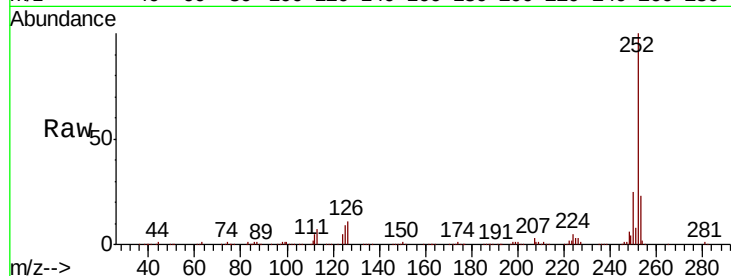
Tot Ion:252 Resp: 501223

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

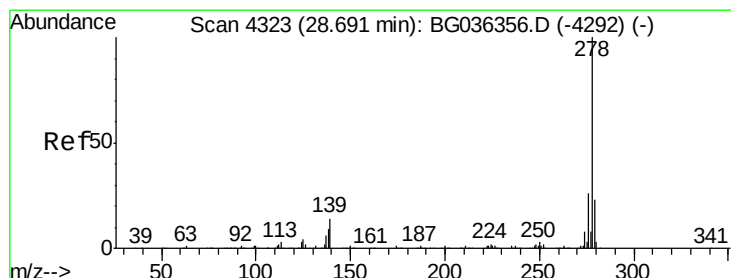
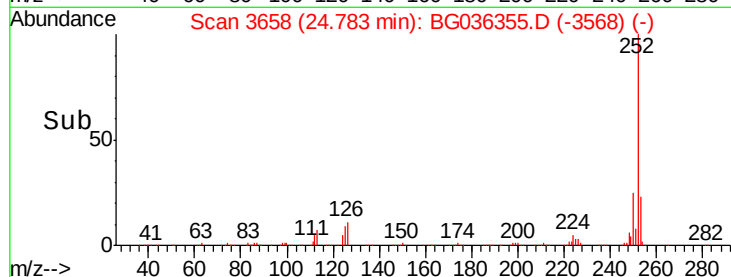
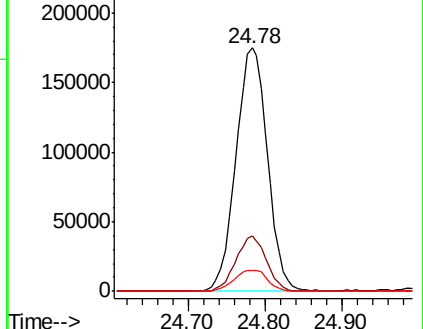
125 8.8 7.3 10.9



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: 23.143 ng

RT: 28.68 min Scan# 4321

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

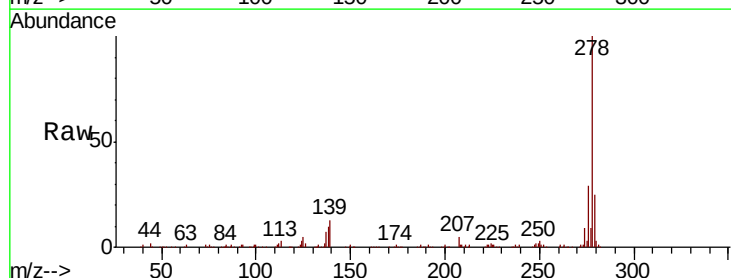
Tgt Ion:278 Resp: 482089

Ion Ratio Lower Upper

278 100

139 12.7 11.0 16.4

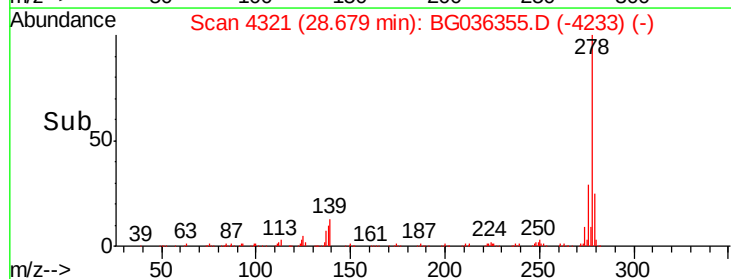
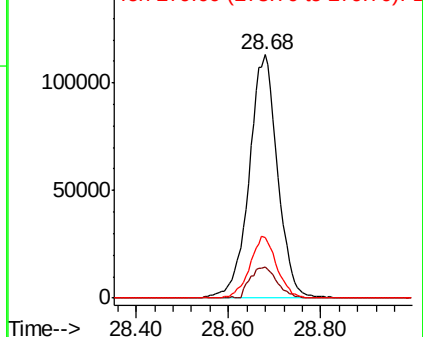
279 24.8 18.7 28.1

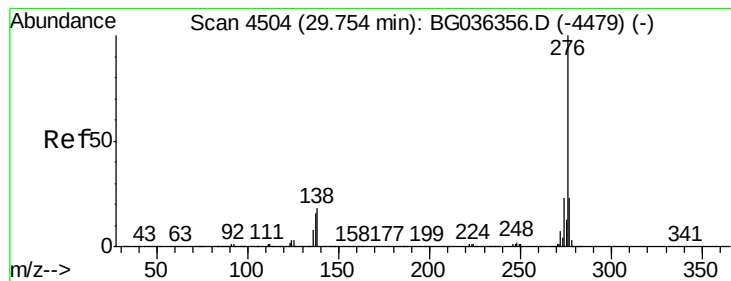


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.561 ng

RT: 29.75 min Scan# 4503

Delta R.T. -0.01 min

Lab File: BG036355.D

Acq: 22 Aug 2018 23:10

Instrument :

BNA_G

ClientSampleId :

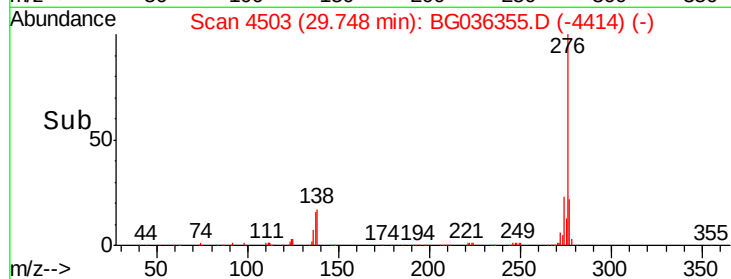
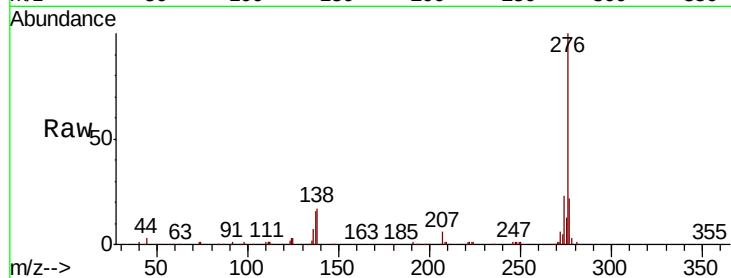
Tot Ion: 276 Resp: 481794

Ion Ratio Lower Upper

276 100

277 22.5 18.4 27.6

138 17.2 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

