

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036454.D
 Acq On : 28 Aug 2018 7:03
 Operator : JU/SJ
 Sample : J4584-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 09:17:12 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 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63564	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	258303	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	164825	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	425397	20.00	ng	0.00
75) Chrysene-d12	21.70	240	437725	20.00	ng	0.00
86) Perylene-d12	24.92	264	454523	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	443777	110.75	ng	0.00
7) Phenol-d6	7.22	99	566653	98.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	399228	83.86	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	267492	136.01	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	886026	76.75	ng	0.00
78) Terphenyl-d14	20.04	244	1535040	81.97	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	51305	27.435	ng	# 85
3) Pyridine	3.95	79	107967	20.568	ng	93
4) n-Nitrosodimethylamine	3.85	42	75095	32.120	ng	89
6) Aniline	7.39	93	87470	12.011	ng	99
8) 2-Chlorophenol	7.63	128	160535	36.943	ng	99
9) Benzaldehyde	7.20	77	56728	14.359	ng	95
10) Phenol	7.25	94	189739	31.603	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	160769	33.777	ng	98
12) 1,3-Dichlorobenzene	7.95	146	156034	31.447	ng	98
13) 1,4-Dichlorobenzene	8.10	146	160818	32.102	ng	98
14) 1,2-Dichlorobenzene	8.42	146	154194	32.229	ng	98
15) Benzyl Alcohol	8.30	79	165755	35.839	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	292105	30.431	ng	98
17) 2-Methylphenol	8.50	107	148331	37.208	ng	99
18) Hexachloroethane	9.15	117	57192	31.842	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	134850	31.450	ng	95
20) 3+4-Methylphenols	8.83	107	201061	36.124	ng	99
22) Acetophenone	8.89	105	256322	37.789	ng	# 97
24) Nitrobenzene	9.27	77	197299	38.432	ng	96
25) Isophorone	9.79	82	378823	40.055	ng	98
26) 2-Nitrophenol	9.98	139	84098	41.340	ng	96
27) 2,4-Dimethylphenol	10.03	122	160587	42.638	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	223637	38.530	ng	96
29) 2,4-Dichlorophenol	10.51	162	178894	43.340	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	177136	36.684	ng	99
31) Naphthalene	10.92	128	510444	39.532	ng	98
32) Benzoic acid	10.16	122	88340	33.164	ng	98
33) 4-Chloroaniline	11.02	127	33798	5.712	ng	96
34) Hexachlorobutadiene	11.21	225	115664	35.652	ng	97
35) Caprolactam	11.79	113	36833	22.400	ng	90
36) 4-Chloro-3-methylphenol	12.14	107	193246	40.292	ng	98
37) 2-Methylnaphthalene	12.52	142	390573	41.339	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	221673	38.004	ng	98
40) Hexachlorocyclopentadiene	12.87	237	229576	75.645	ng	99

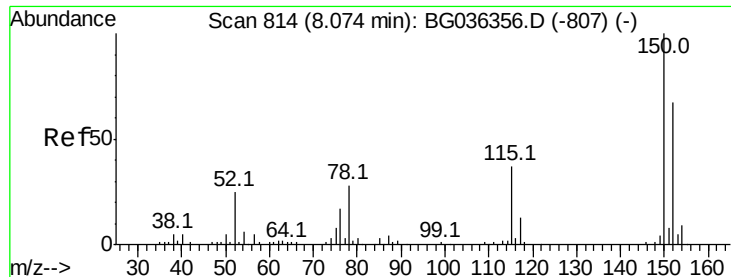
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036454.D
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 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	149325	42.026	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	161328	42.569	ng	98
45) 1,1'-Biphenyl	13.52	154	507039	37.059	ng	97
46) 2-Chloronaphthalene	13.57	162	392600	37.588	ng	99
47) 2-Nitroaniline	13.76	65	134215	40.921	ng	96
48) Acenaphthylene	14.41	152	655036	40.128	ng	99
49) Dimethylphthalate	14.14	163	520138	38.646	ng	98
50) 2,6-Dinitrotoluene	14.26	165	114256	41.255	ng	95
51) Acenaphthene	14.76	154	406991	38.930	ng	98
52) 3-Nitroaniline	14.59	138	68940	23.100	ng	98
53) 2,4-Dinitrophenol	14.79	184	36264	34.570	ng	97
54) Dibenzofuran	15.09	168	626992	38.281	ng	100
55) 4-Nitrophenol	14.89	139	175690	71.999	ng	99
56) 2,4-Dinitrotoluene	15.04	165	158309	43.860	ng	90
57) Fluorene	15.73	166	499702	40.812	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	163232	45.843	ng	96
59) Diethylphthalate	15.50	149	514630	37.942	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	283331	37.475	ng	97
61) 4-Nitroaniline	15.75	138	124272	39.792	ng	94
62) Azobenzene	16.02	77	499270	36.177	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	43133	23.082	ng	97
65) n-Nitrosodiphenylamine	15.94	169	457970	36.232	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	186746	37.495	ng	99
67) Hexachlorobenzene	16.74	284	189397	37.189	ng	97
68) Atrazine	16.89	200	182180	38.399	ng	99
69) Pentachlorophenol	17.08	266	214563	61.990	ng	97
70) Phenanthrene	17.48	178	863999	39.971	ng	99
71) Anthracene	17.56	178	859245	39.878	ng	99
72) Carbazole	17.83	167	789498	36.689	ng	99
73) Di-n-butylphthalate	18.39	149	906248	37.819	ng	99
74) Fluoranthene	19.48	202	1066402	40.464	ng	100
76) Benzidine	19.66	184	121984	8.735	ng	99
77) Pyrene	19.84	202	1062426	39.470	ng	100
79) Butylbenzylphthalate	20.73	149	427371	39.895	ng	96
80) Benzo(a)anthracene	21.68	228	1073690	40.489	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	216507	20.486	ng	99
82) Chrysene	21.75	228	990143	39.392	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	585341	39.048	ng	99
84) Di-n-octyl phthalate	22.81	149	993841	39.692	ng	96
85) Indeno(1,2,3-cd)pyrene	28.58	276	1222182	41.863	ng	99
87) Benzo(b)fluoranthene	23.89	252	1061876	42.072	ng	99
88) Benzo(k)fluoranthene	23.96	252	1024247	41.538	ng	100
89) Benzo(a)pyrene	24.76	252	1013737	41.797	ng	100
90) Dibenzo(a,h)anthracene	28.65	278	986462	42.131	ng	98
91) Benzo(g,h,i)perylene	29.72	276	1011911	43.006	ng	97

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

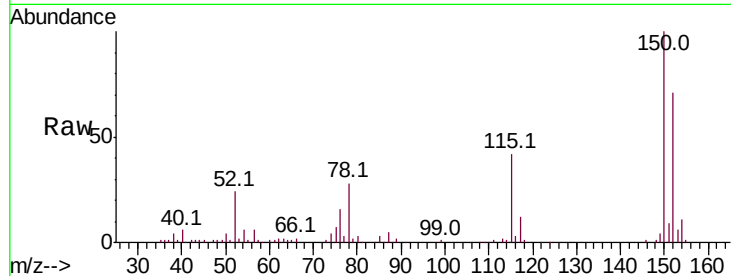


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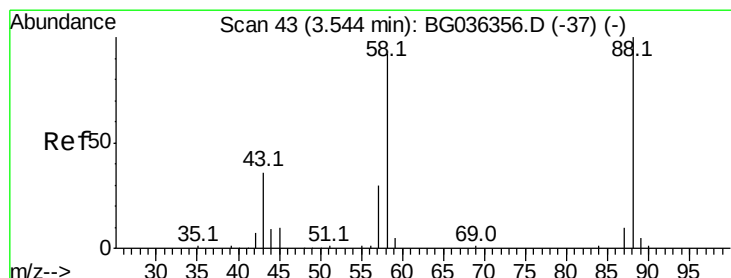
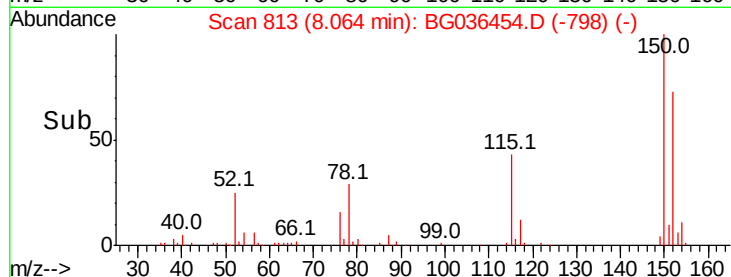
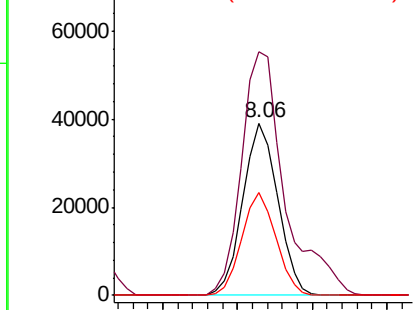
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.5	179.3
115	59.4	44.5	66.7



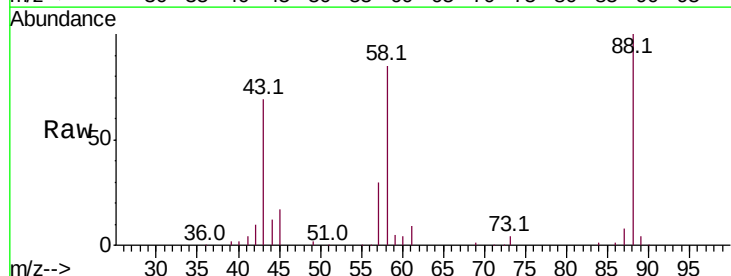
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



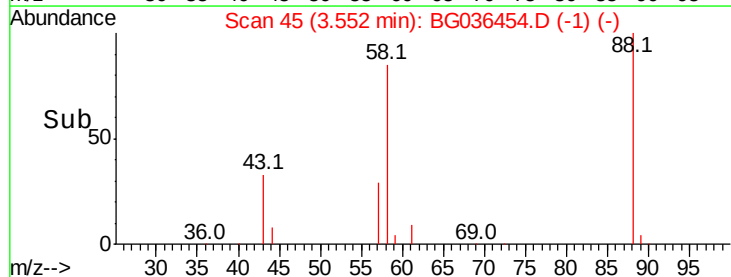
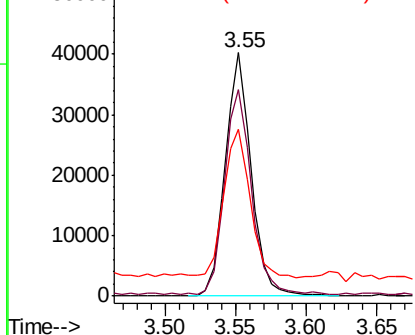
#2

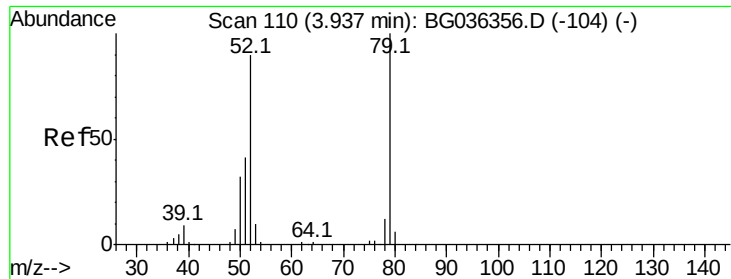
1,4-Dioxane
Concen: 27.435 ng
RT: 3.55 min Scan# 45
Delta R.T. 0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	72.6	109.0
43	61.4	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: 20.568 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

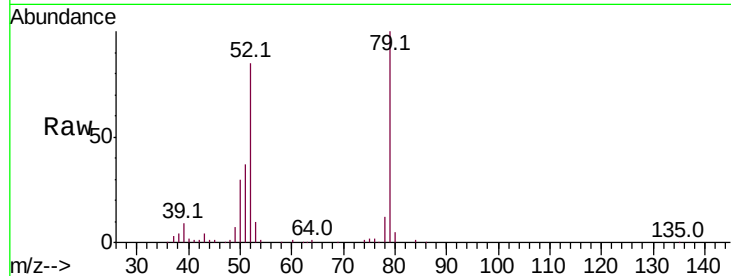
Tot Ion: 79 Resp: 107967

Ion Ratio Lower Upper

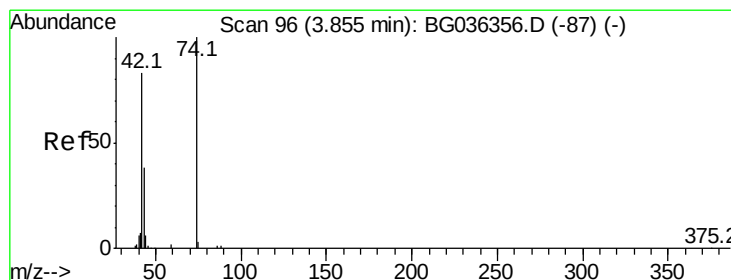
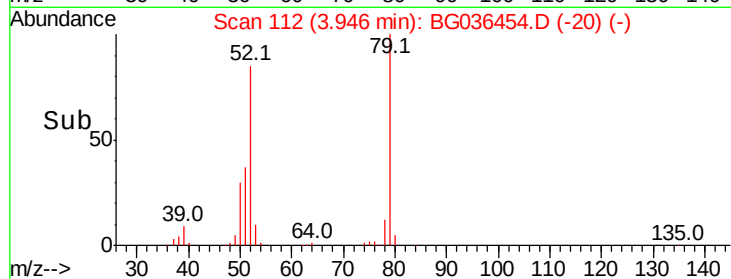
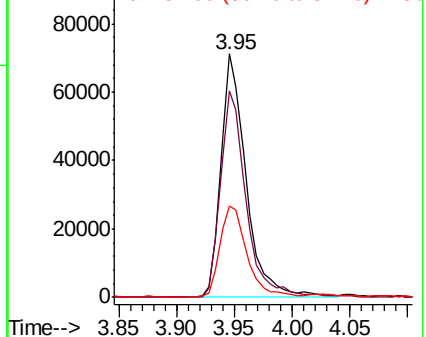
79 100

52 84.8 72.3 108.5

51 37.3 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: 32.120 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

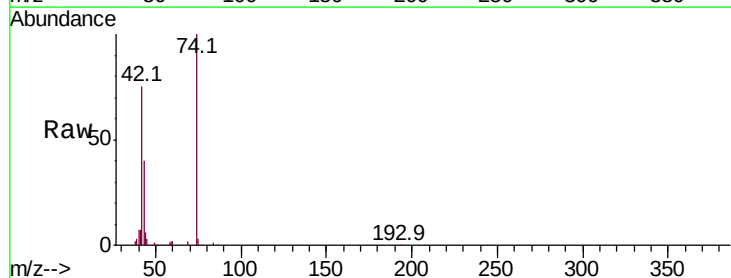
Tgt Ion: 42 Resp: 75095

Ion Ratio Lower Upper

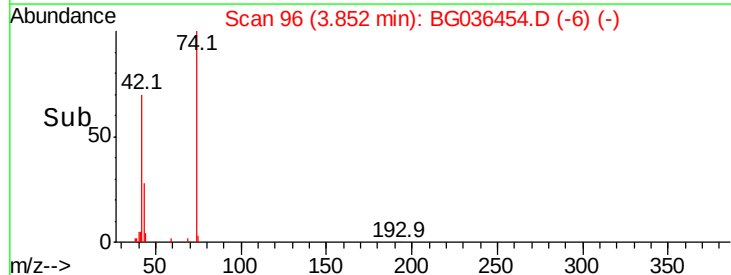
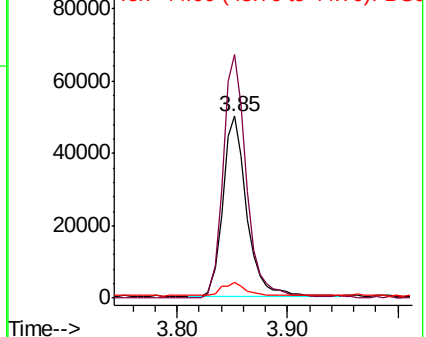
42 100

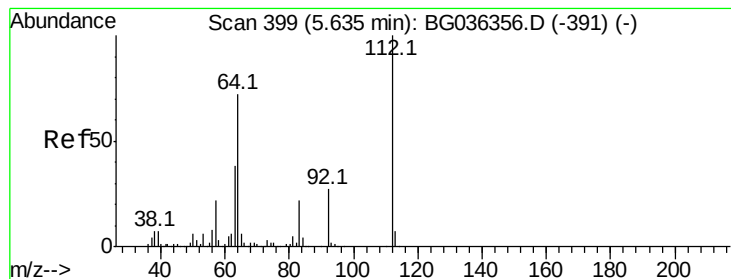
74 133.9 96.6 145.0

44 8.6 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: 110.748 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

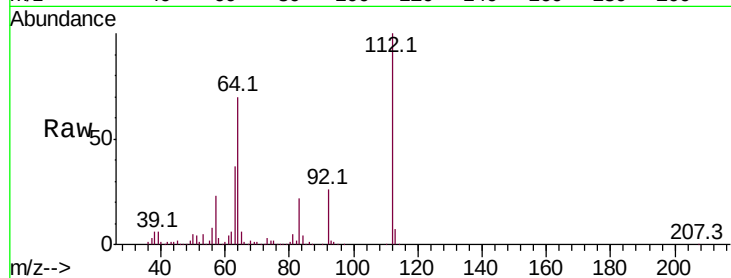
Tot Ion:112 Resp: 443777

Ion Ratio Lower Upper

112 100

64 70.1 57.2 85.8

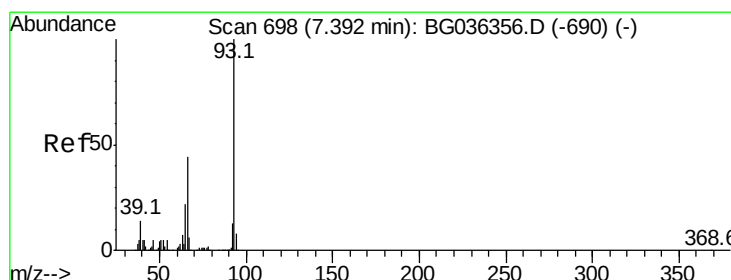
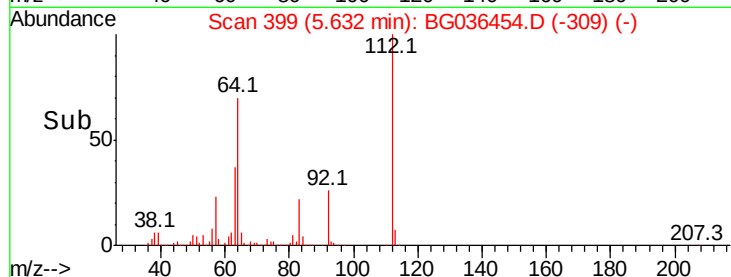
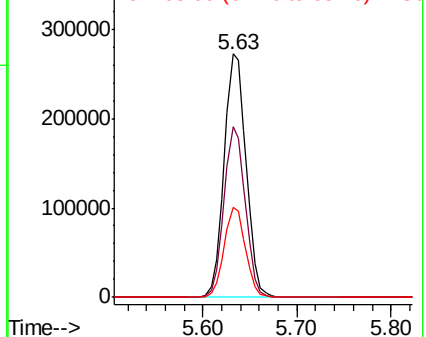
63 36.7 30.8 46.2



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: 12.011 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

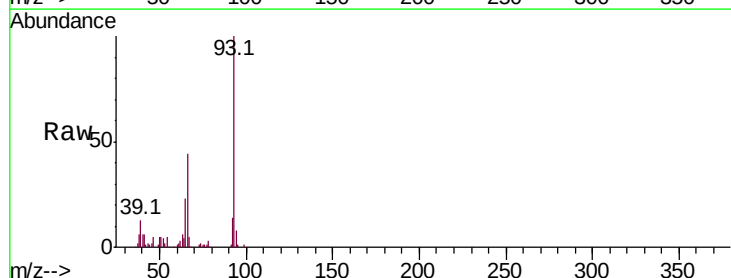
Tgt Ion: 93 Resp: 87470

Ion Ratio Lower Upper

93 100

66 43.7 35.0 52.4

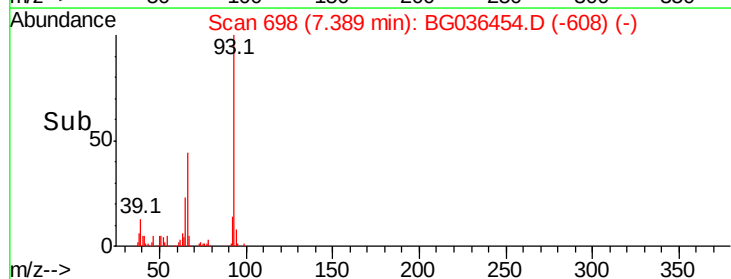
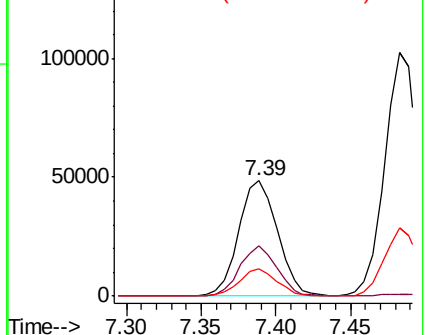
65 23.3 17.6 26.4

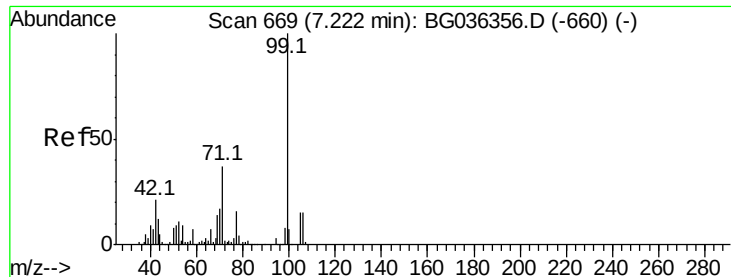


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.769 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

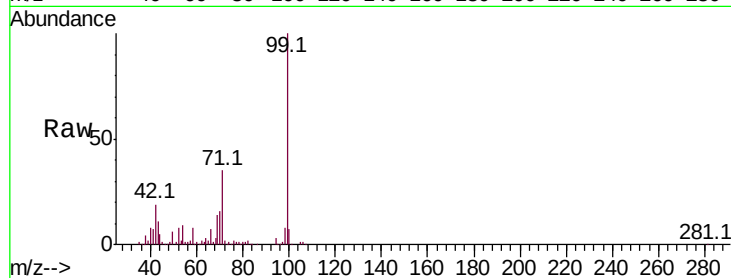
Tot Ion: 99 Resp: 566653

Ion Ratio Lower Upper

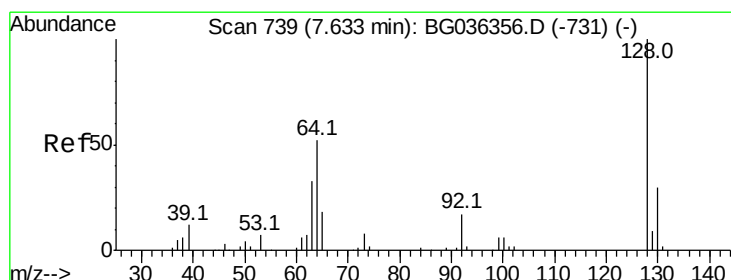
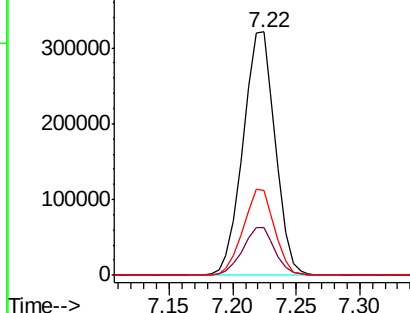
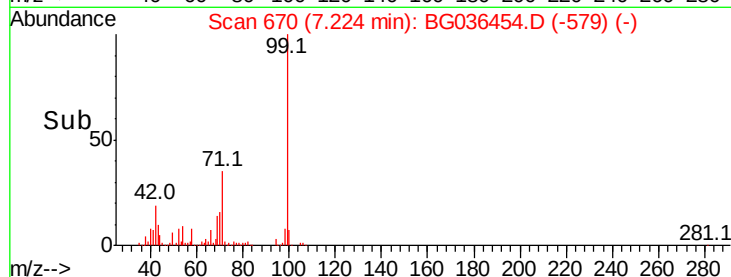
99 100

42 19.5 16.5 24.7

71 35.0 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: 36.943 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

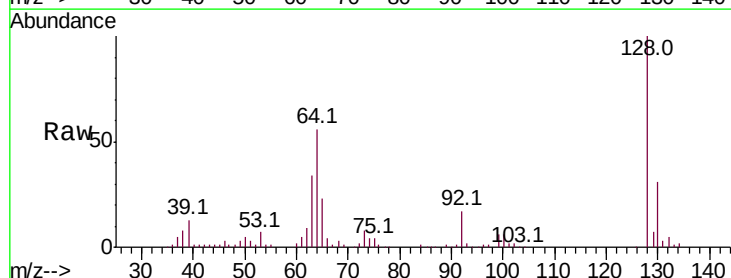
Tgt Ion: 128 Resp: 160535

Ion Ratio Lower Upper

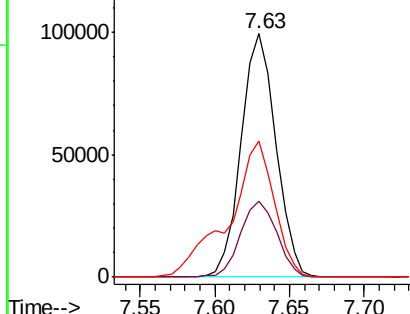
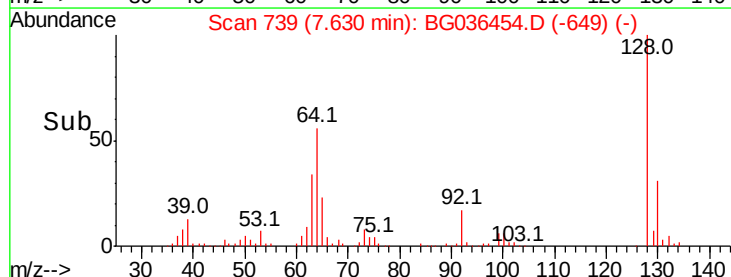
128 100

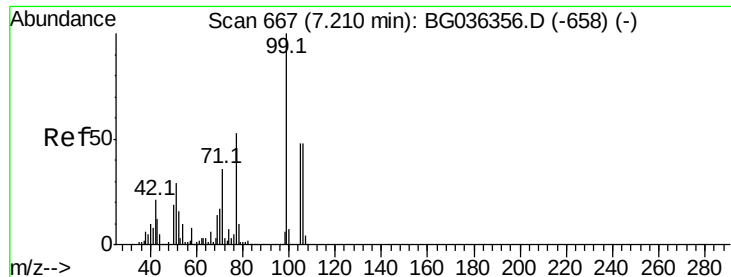
130 31.0 10.0 50.0

64 55.7 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: 14.359 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

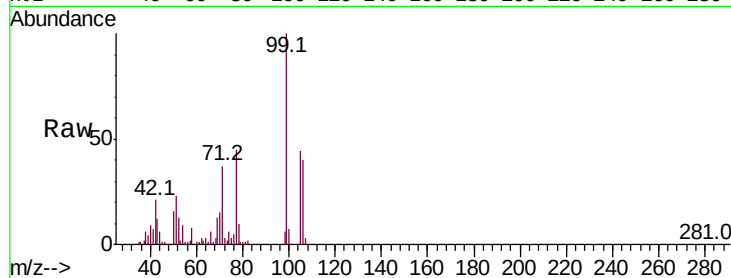
Tot Ion: 77 Resp: 56728

Ion Ratio Lower Upper

77 100

105 99.4 70.5 110.5

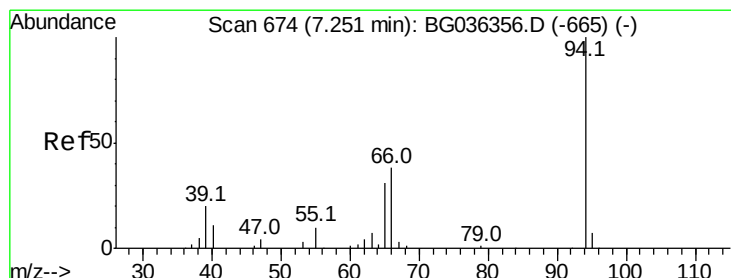
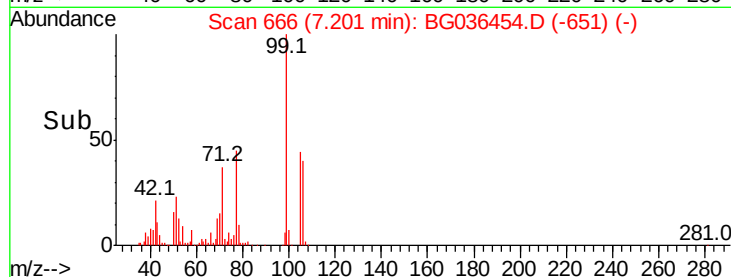
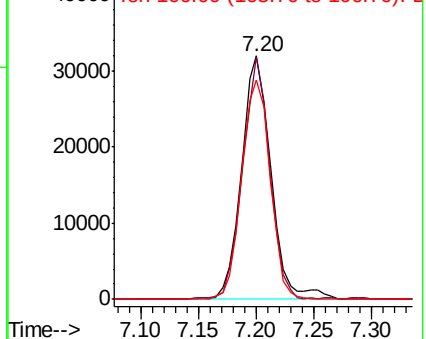
106 90.3 69.8 109.8



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: 31.603 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

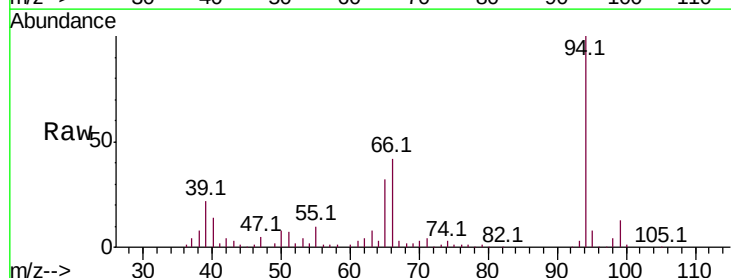
Tgt Ion: 94 Resp: 189739

Ion Ratio Lower Upper

94 100

65 32.2 11.5 51.5

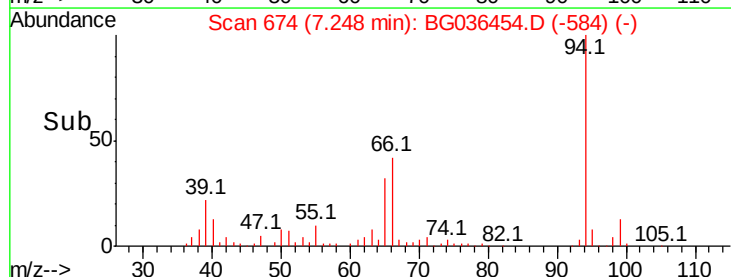
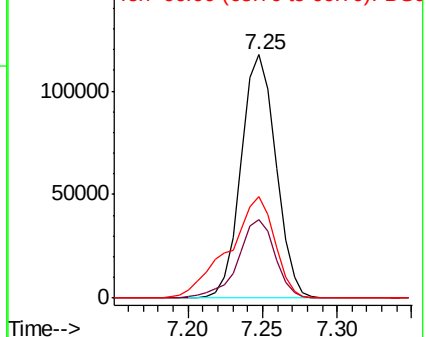
66 41.6 19.5 59.5

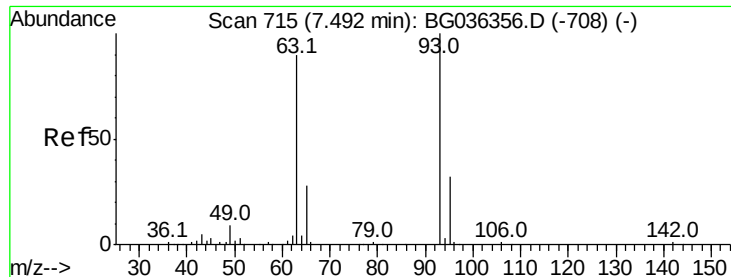


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.777 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

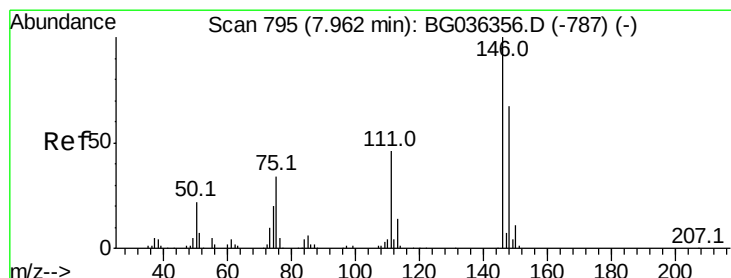
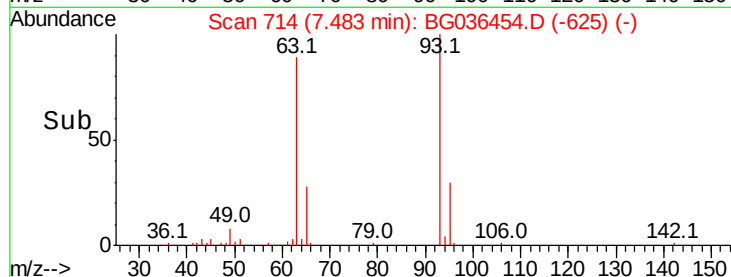
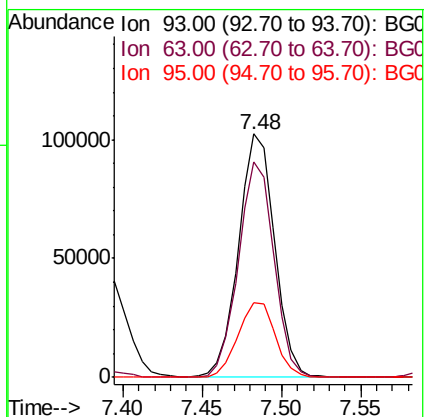
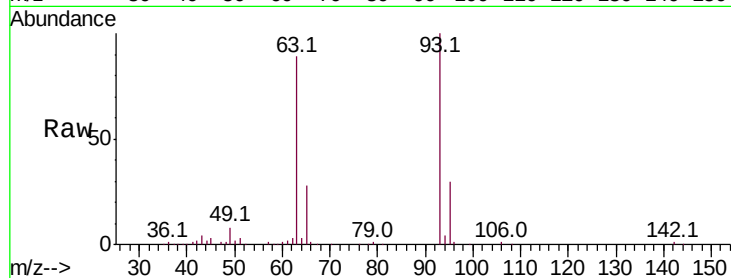
Tot Ion: 93 Resp: 160769

Ion Ratio Lower Upper

93 100

63 88.6 69.9 109.9

95 30.4 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 31.447 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

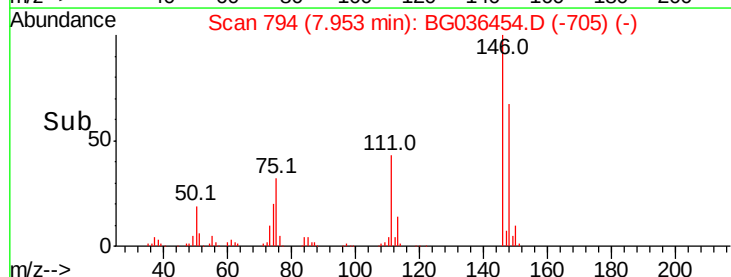
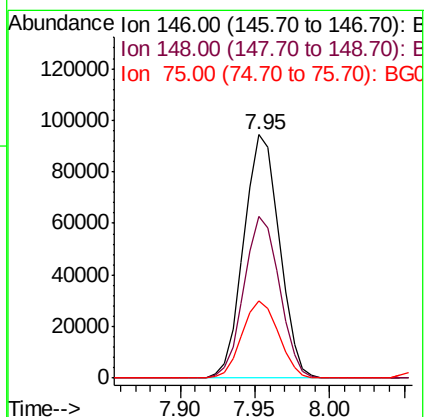
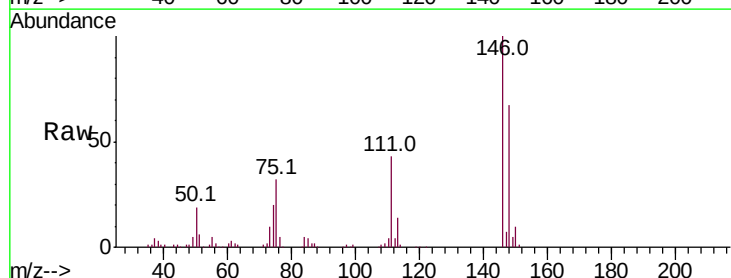
Tgt Ion: 146 Resp: 156034

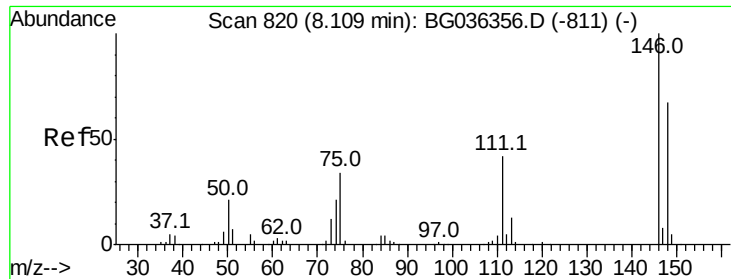
Ion Ratio Lower Upper

146 100

148 66.6 53.8 80.6

75 31.9 27.2 40.8

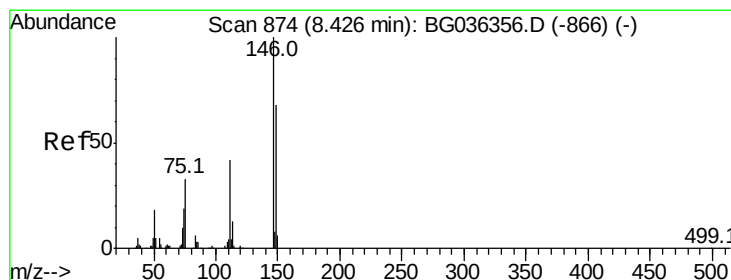
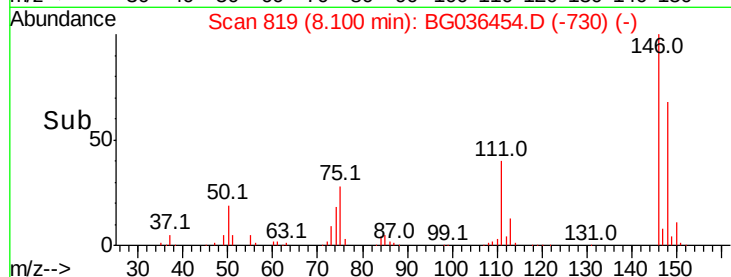
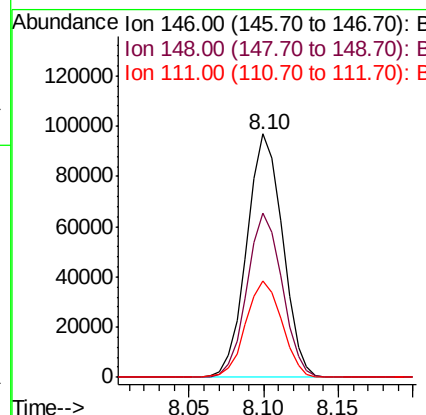
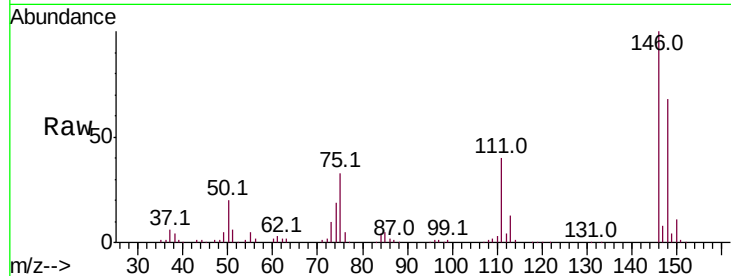




#13
 1,4-Dichlorobenzene
 Concen: 32.102 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

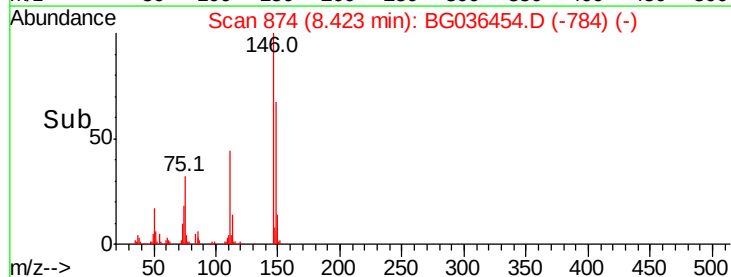
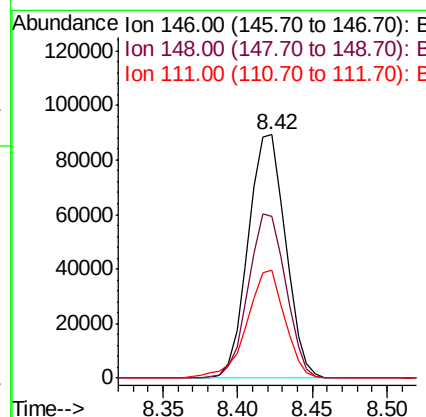
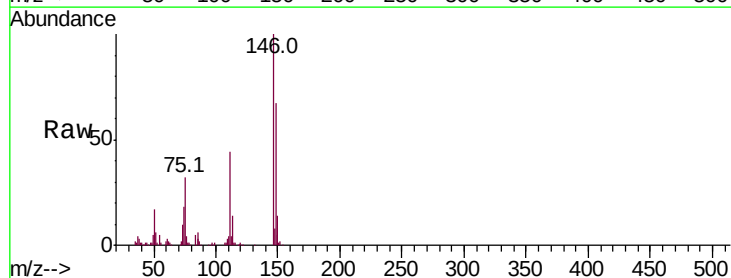
Instrument :
 BNA_G
 ClientSampled :

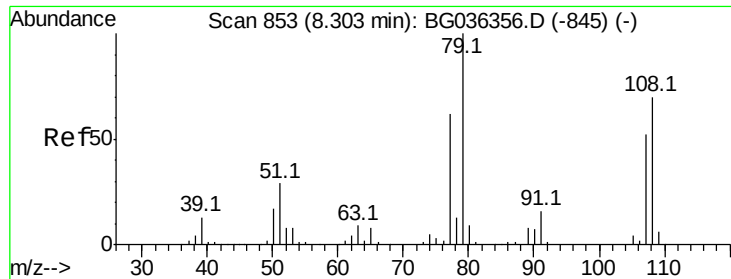
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	53.9	80.9
111	39.8	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 32.229 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	55.0	82.6
111	44.2	34.6	51.8

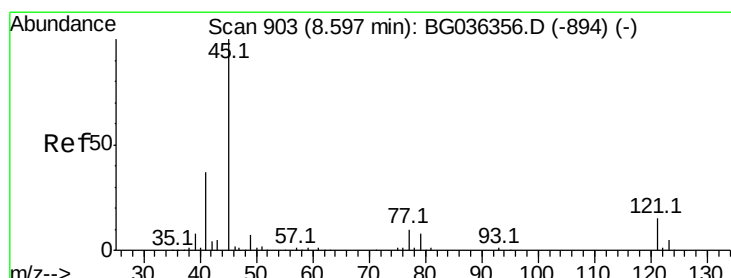
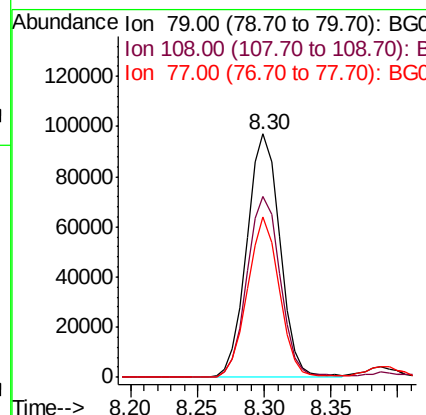
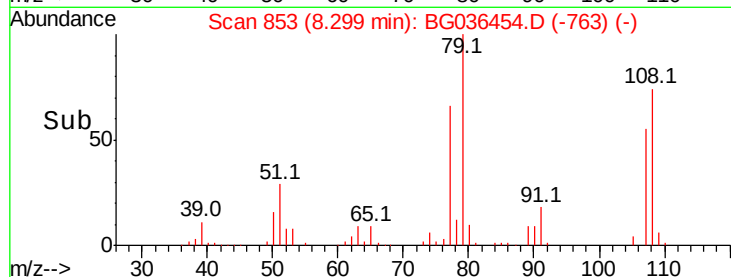
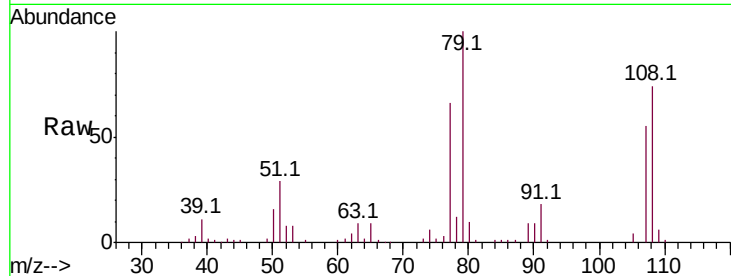




#15
Benzyl Alcohol
Concen: 35.839 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

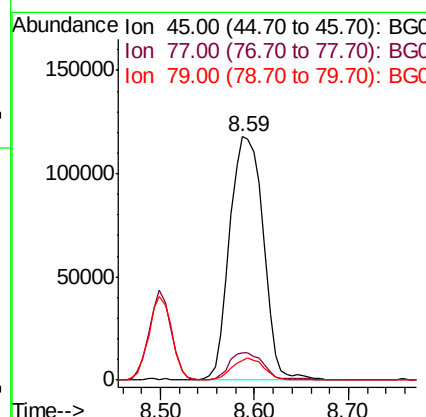
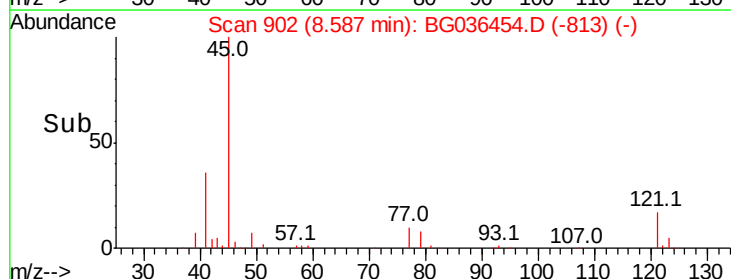
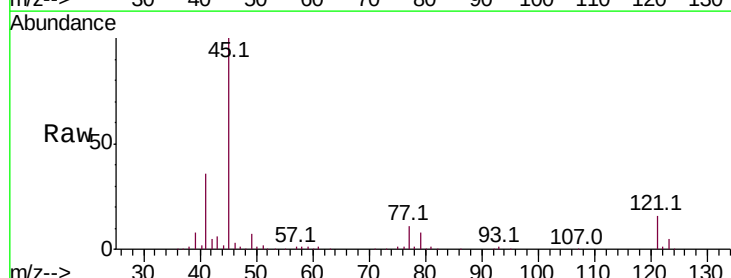
Instrument :
BNA_G
ClientSampleId :

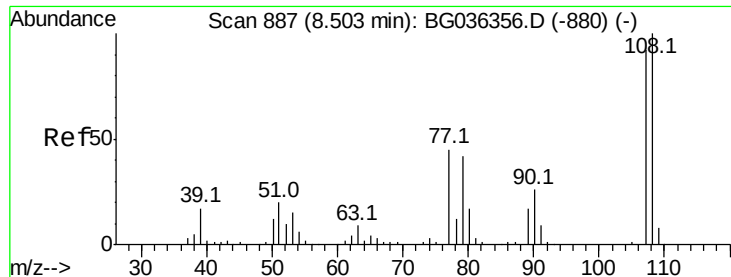
Tot Ion: 79 Resp: 165755
Ion Ratio Lower Upper
79 100
108 74.3 55.9 83.9
77 66.0 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.431 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion: 45 Resp: 292105
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.5
79 8.3 0.0 27.9

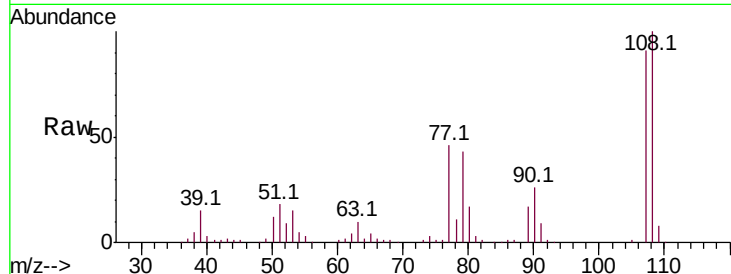




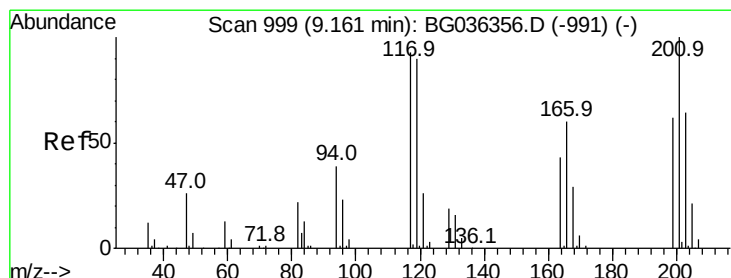
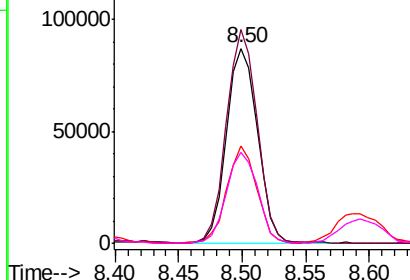
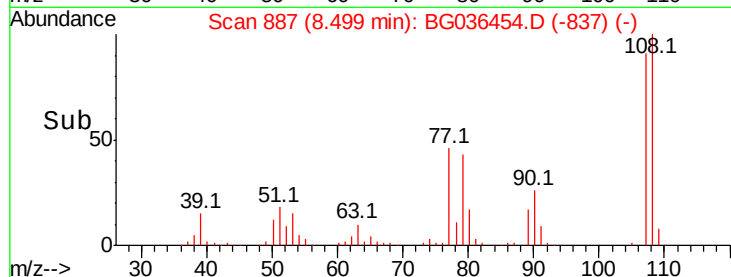
#17
2-Methylphenol
Concen: 37.208 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	148331
Ion	Ratio	Lower	Upper
107	100		
108	109.6	86.7	130.1
77	50.0	39.0	58.4
79	46.7	36.6	54.8

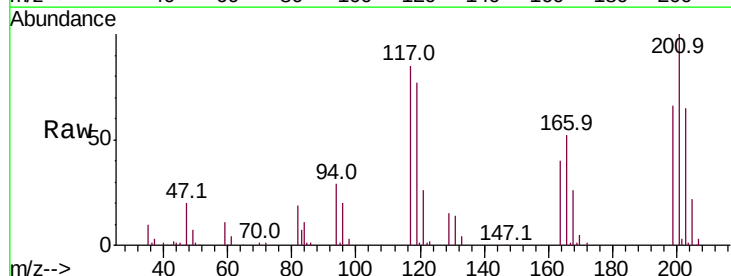


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

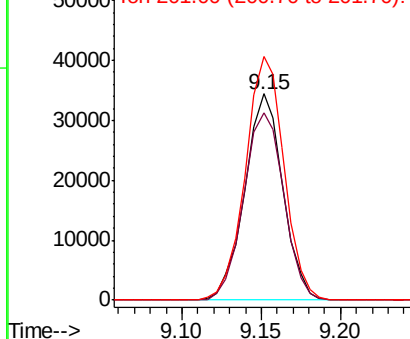
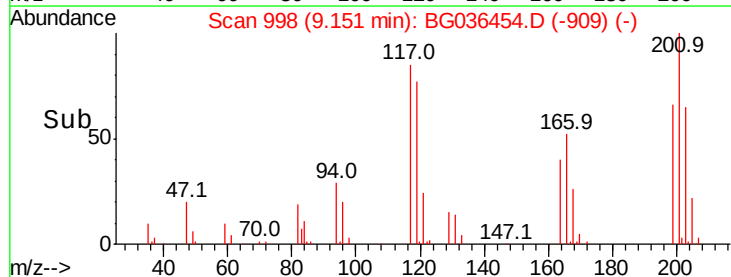


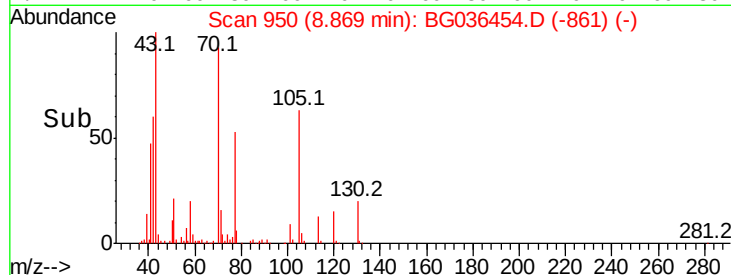
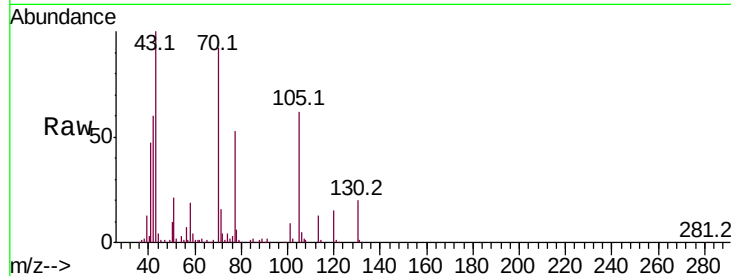
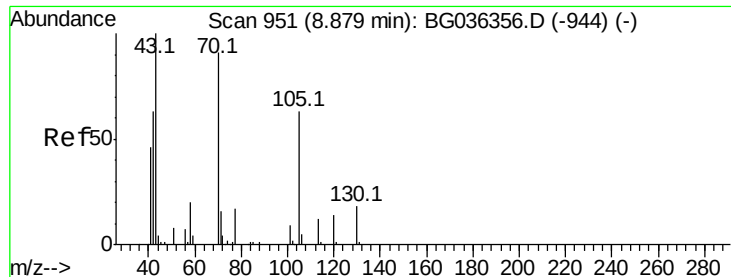
#18
Hexachloroethane
Concen: 31.842 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion:	117	Resp:	57192
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.8	115.2
201	117.9	85.7	128.5



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

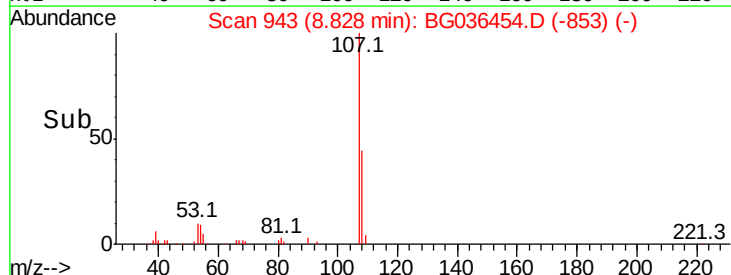
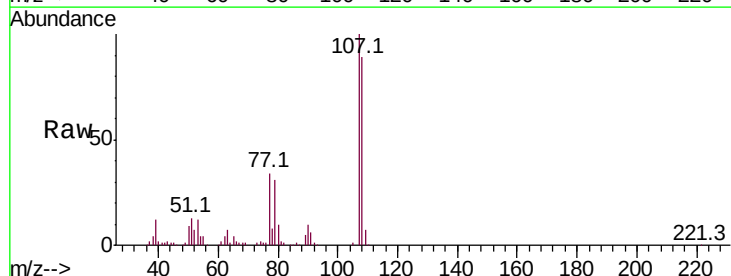
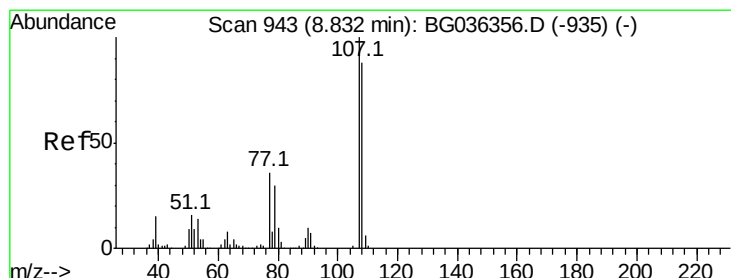
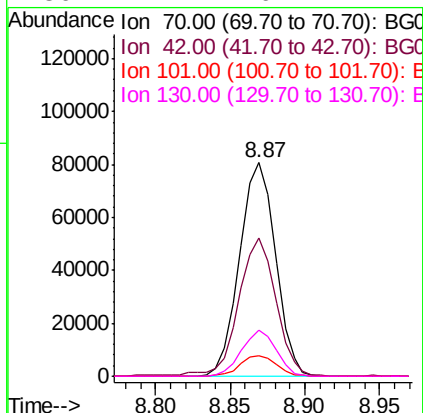




#19
n-Nitroso-di-n-propylamine
Concen: 31.450 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

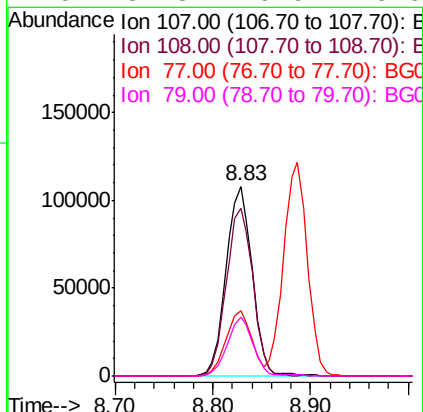
Instrument :
BNA_G
ClientSampleId :

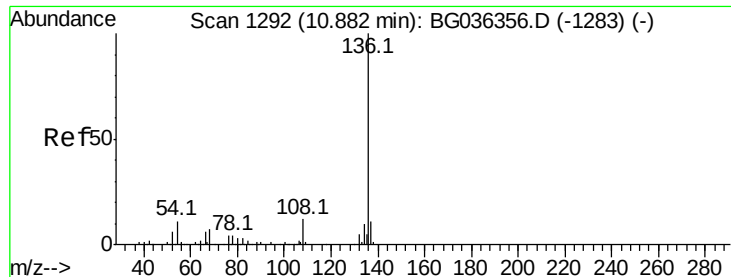
Tot Ion: 70 Resp: 134850
Ion Ratio Lower Upper
70 100
42 64.5 56.2 84.4
101 9.6 7.8 11.6
130 21.4 16.2 24.2



#20
3+4-Methylphenols
Concen: 36.124 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion:107 Resp: 201061
Ion Ratio Lower Upper
107 100
108 88.8 68.0 108.0
77 34.4 15.6 55.6
79 31.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 258303

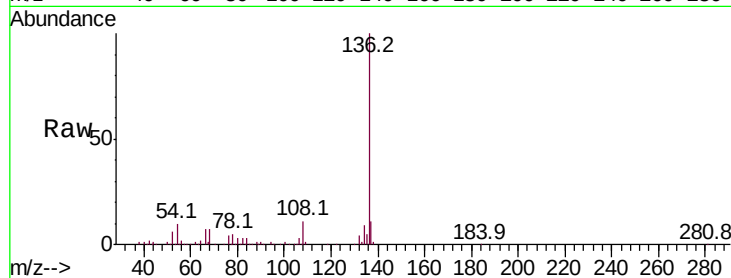
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.2 9.2 13.8

68 6.9 5.8 8.6

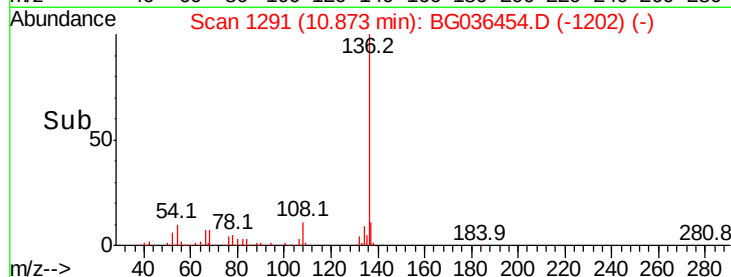


Abundance Ion 136.00 (135.70 to 136.70): E

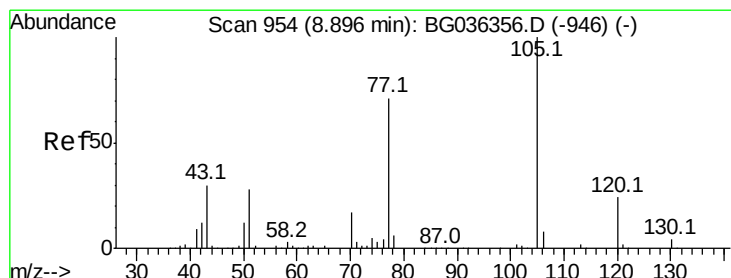
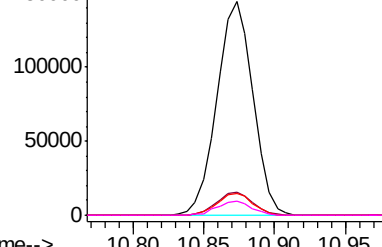
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 37.789 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Tgt Ion:105 Resp: 256322

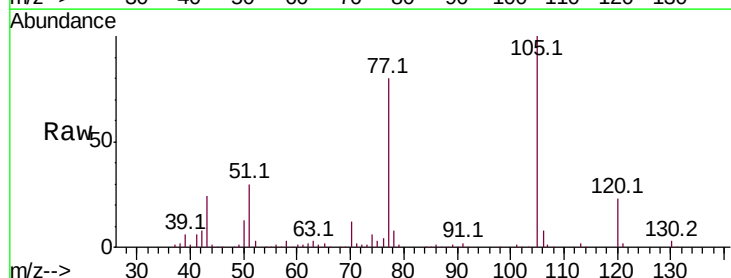
Ion Ratio Lower Upper

105 100

71 2.1 2.4 3.6#

51 30.2 25.9 38.9

120 23.3 19.4 29.0

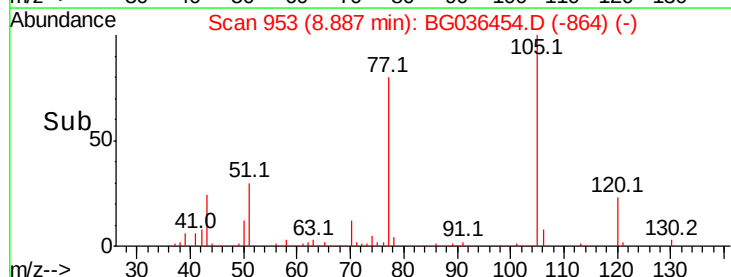


Abundance Ion 105.00 (104.70 to 105.70): E

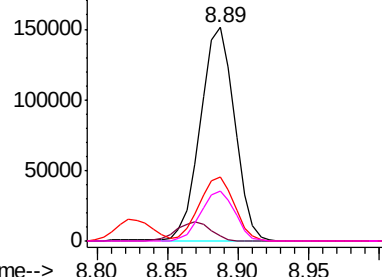
Ion 71.00 (70.70 to 71.70): BGC

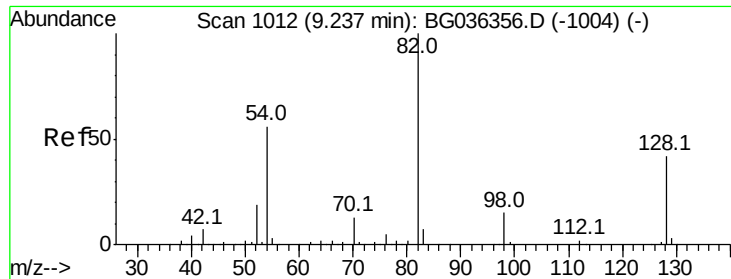
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

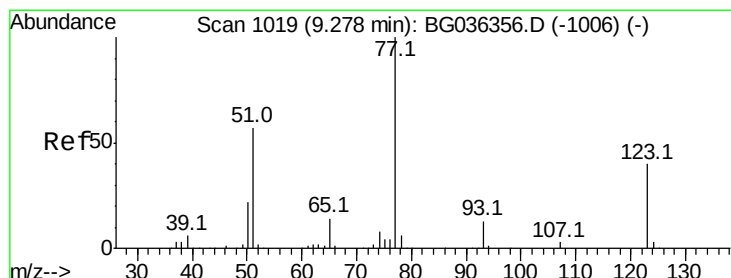
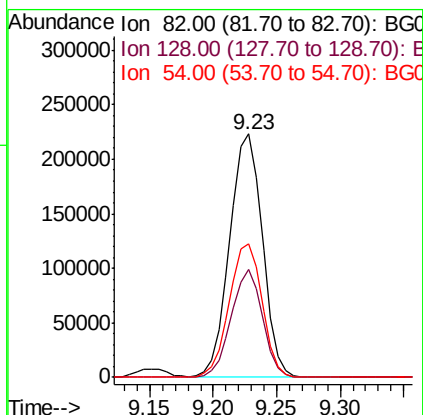
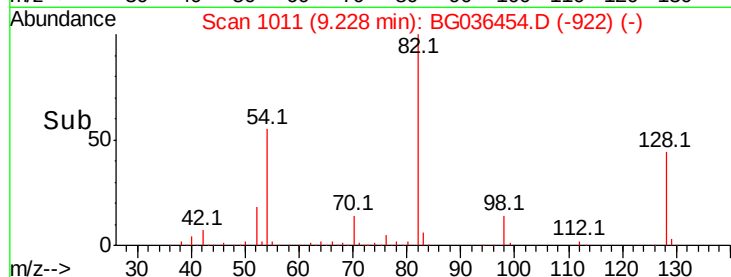
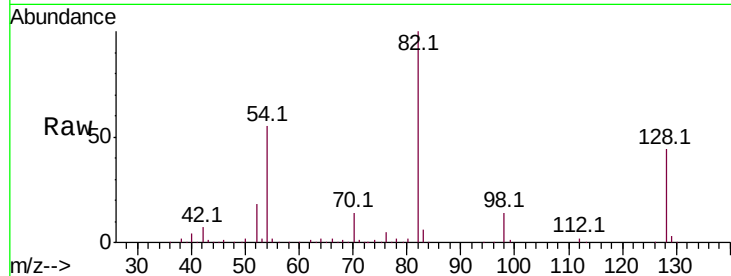




#23
Nitrobenzene-d5
Concen: 83.858 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

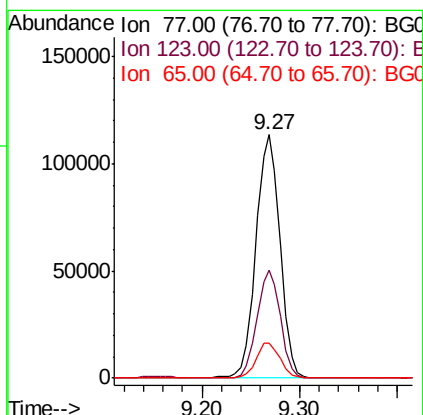
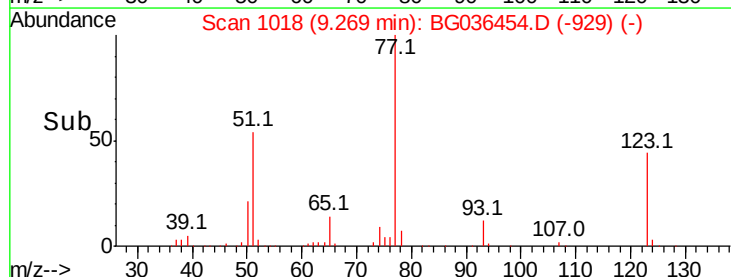
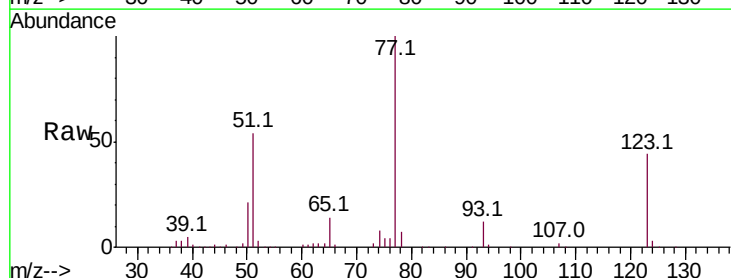
Instrument :
BNA_G
ClientSampled :

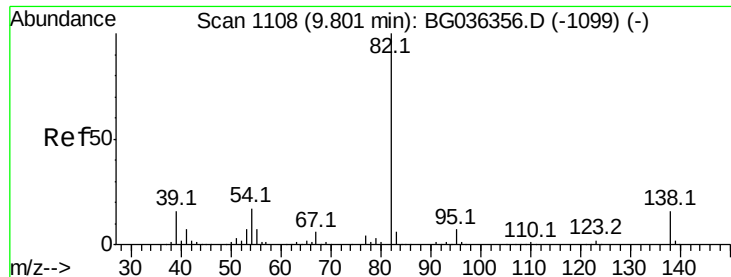
Tot Ion	82	Resp	399228
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.3	49.9
54	54.8	45.1	67.7



#24
Nitrobenzene
Concen: 38.432 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	77	Resp	197299
Ion	Ratio	Lower	Upper
77	100		
123	44.1	32.4	48.6
65	14.4	11.5	17.3





#25

Isophorone

Concen: 40.055 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampled :

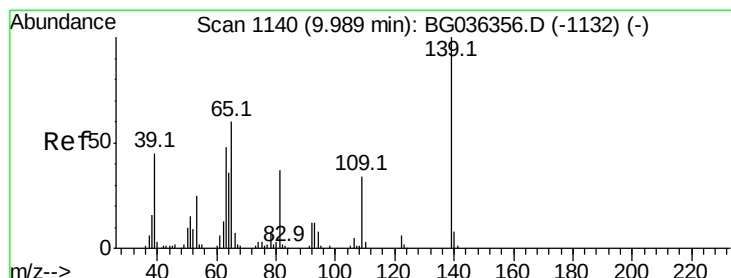
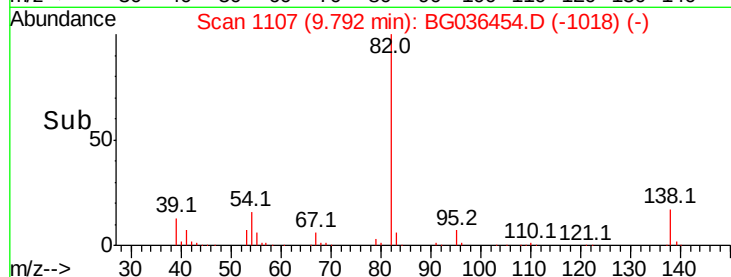
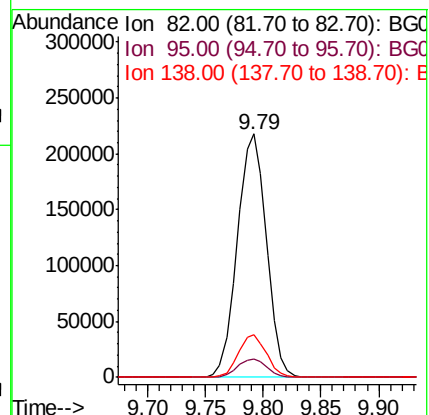
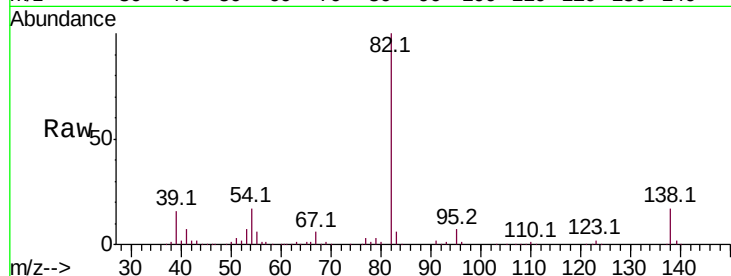
Tot Ion: 82 Resp: 378823

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 41.340 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

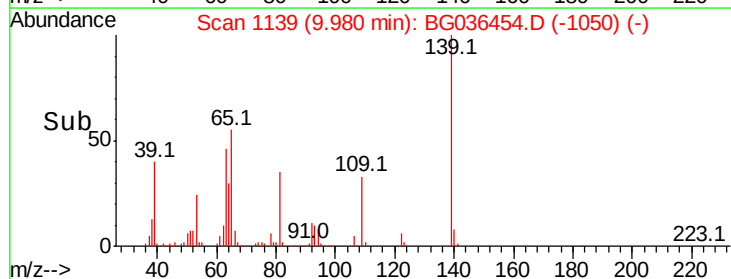
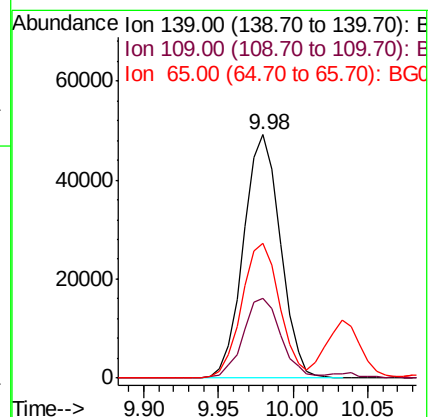
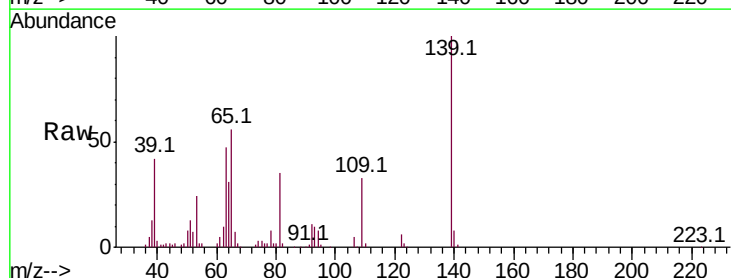
Tgt Ion: 139 Resp: 84098

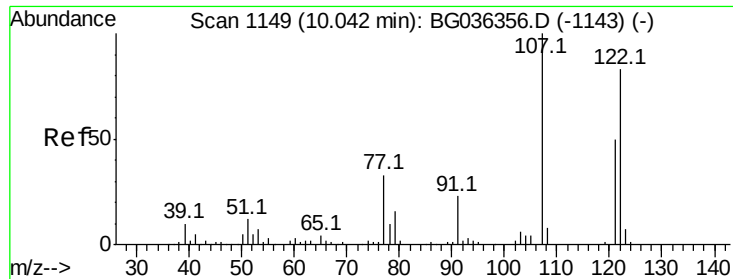
Ion Ratio Lower Upper

139 100

109 32.6 27.4 41.0

65 55.6 47.8 71.6

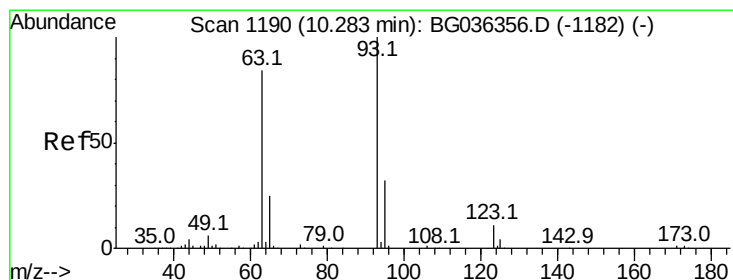
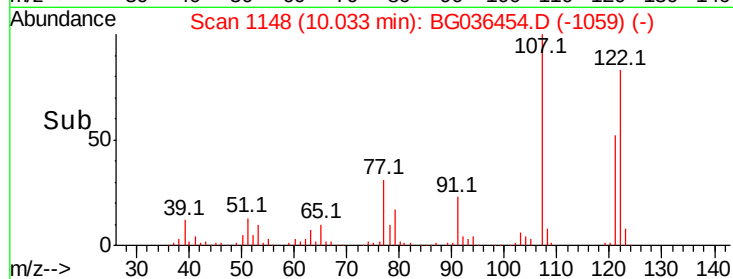
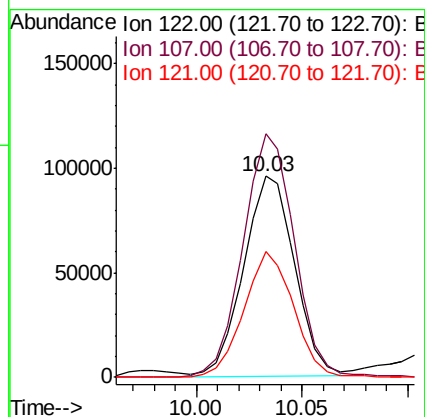
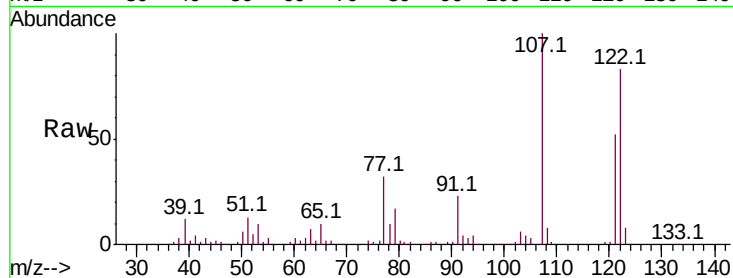




#27
 2,4-Dimethylphenol
 Concen: 42.638 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

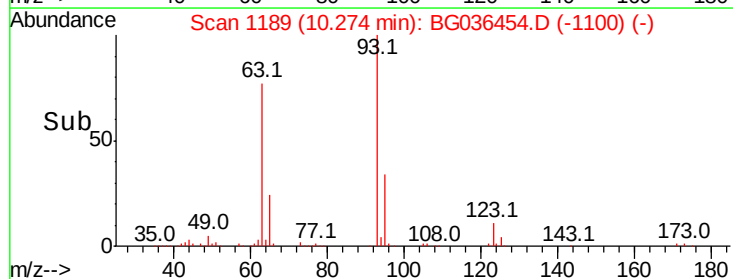
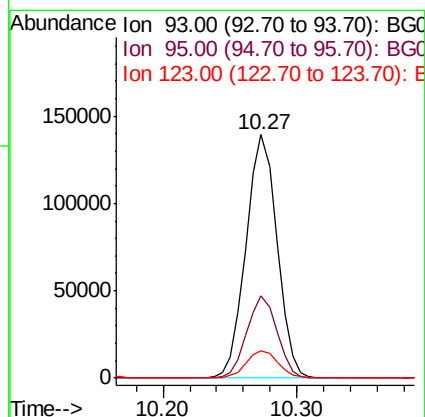
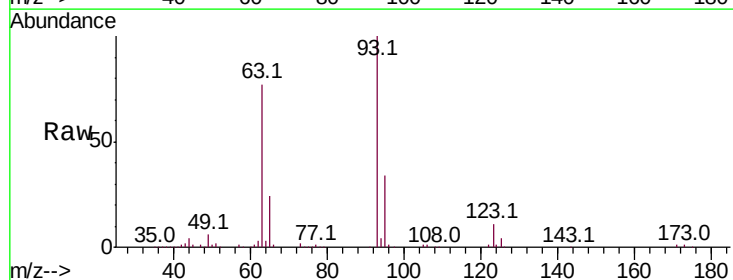
Instrument :
 BNA_G
 ClientSampled :

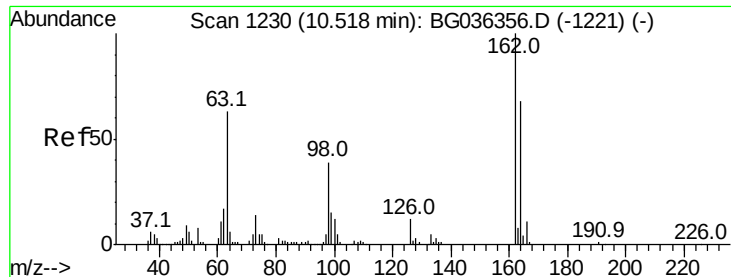
Tot Ion:122 Resp: 160587
 Ion Ratio Lower Upper
 122 100
 107 121.0 96.0 144.0
 121 62.6 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.530 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion: 93 Resp: 223637
 Ion Ratio Lower Upper
 93 100
 95 33.8 25.2 37.8
 123 11.5 8.6 12.8

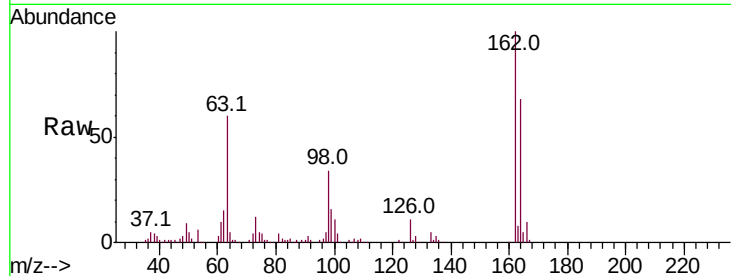




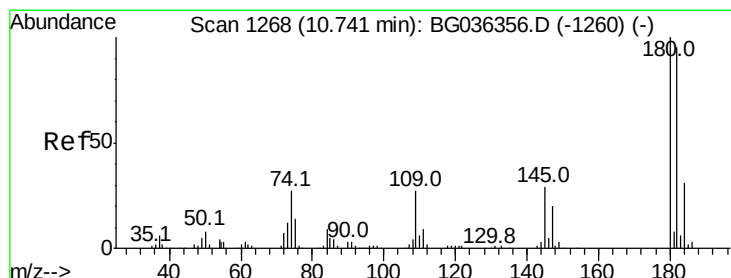
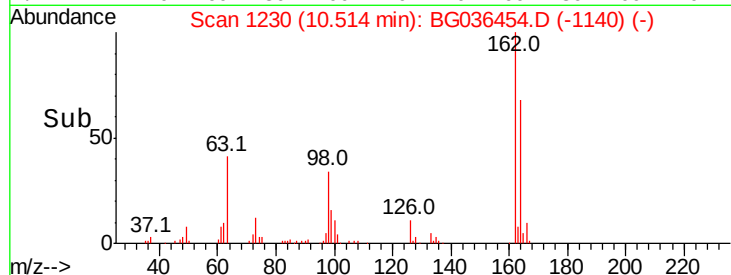
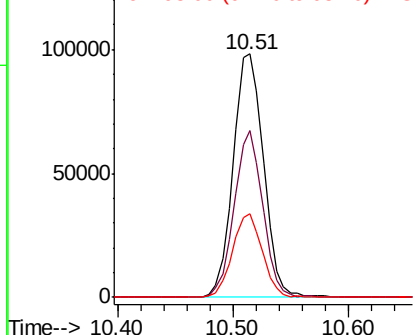
#29
 2,4-Dichlorophenol
 Concen: 43.340 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	47.6	87.6
98	34.1	19.2	59.2

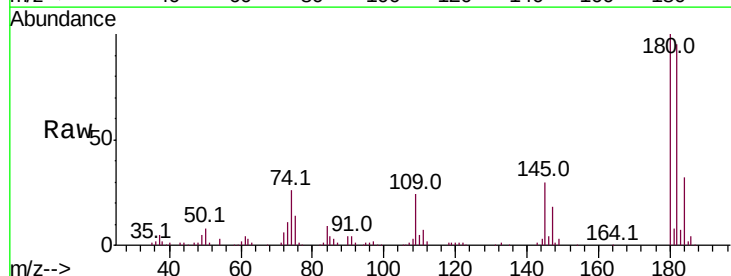


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

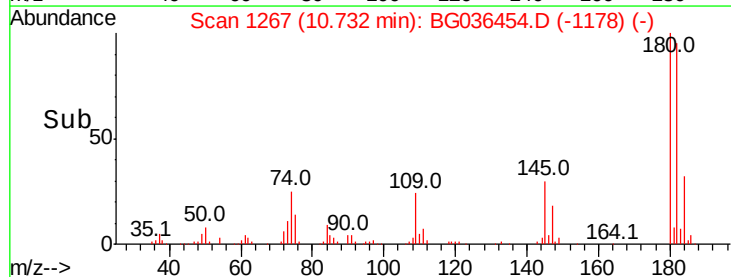
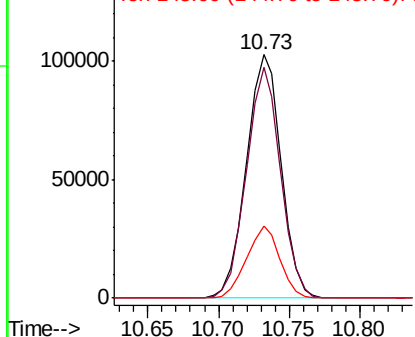


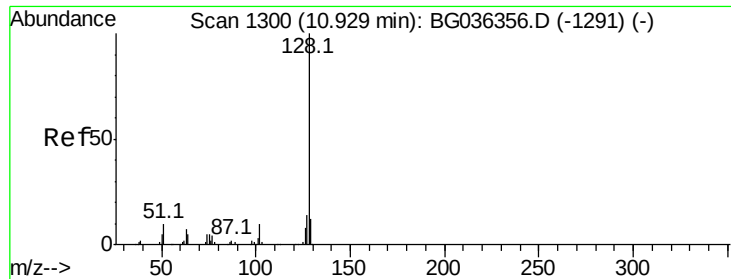
#30
 1,2,4-Trichlorobenzene
 Concen: 36.684 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	29.7	22.9	34.3



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

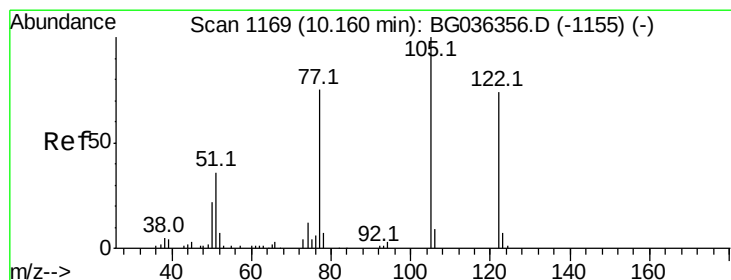
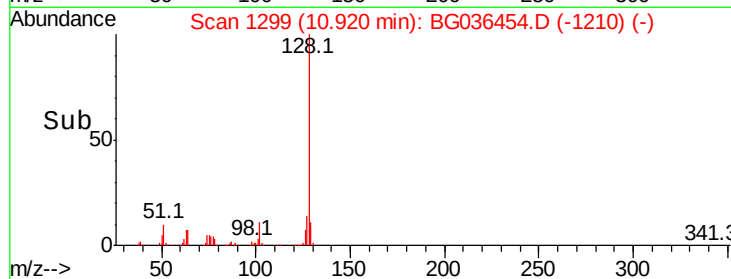
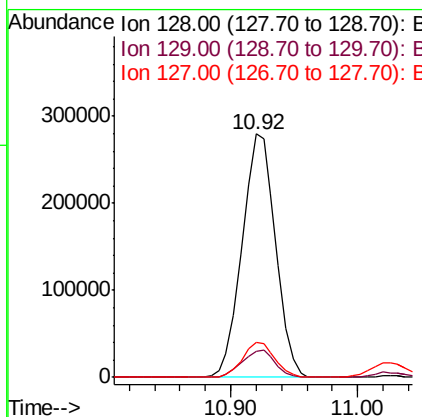
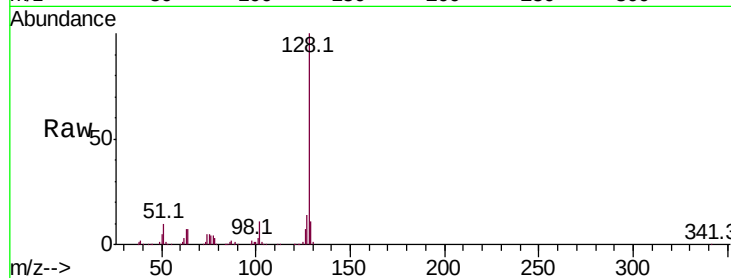




#31
Naphthalene
Concen: 39.532 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

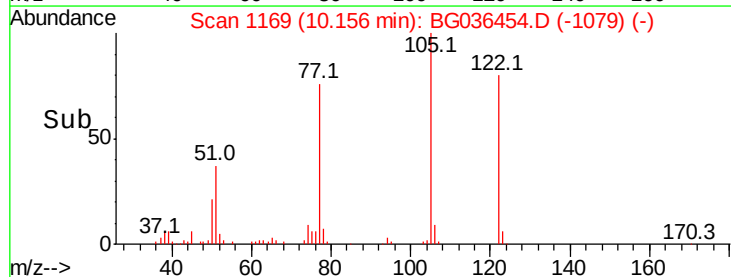
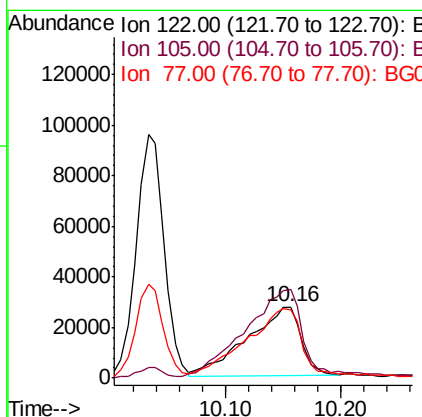
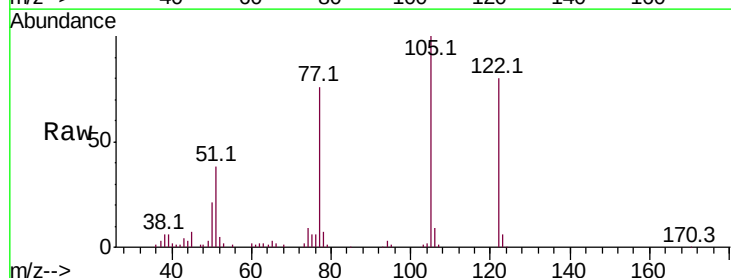
Instrument :
BNA_G
ClientSampleId :

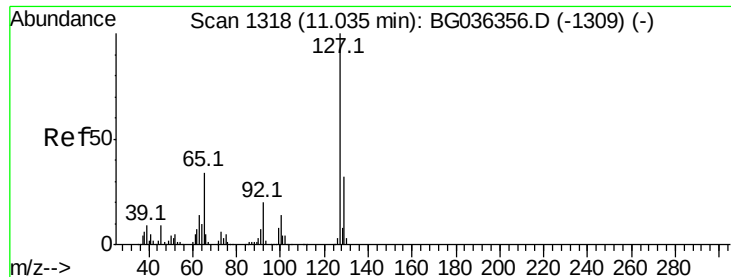
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	14.2	11.0	16.4



#32
Benzoic acid
Concen: 33.164 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	108.1	148.1
77	95.7	76.3	116.3

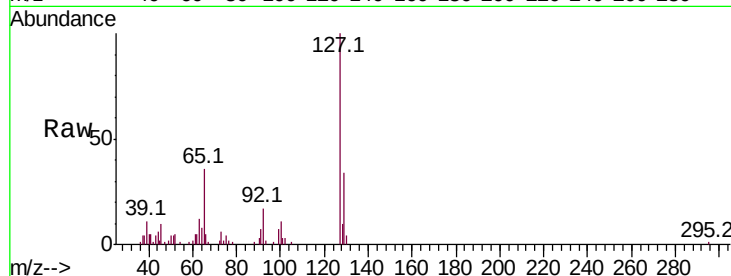




#33
4-Chloroaniline
Concen: 5.712 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	33798
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	36.0	27.5	41.3
92	16.7	16.2	24.2



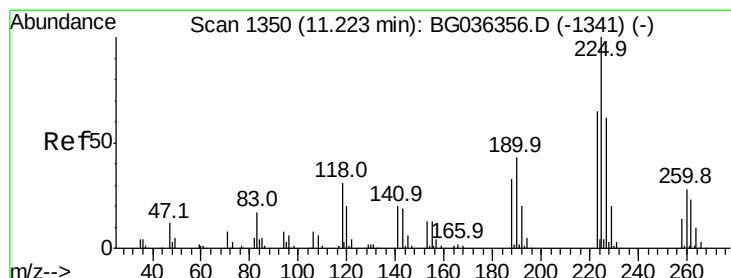
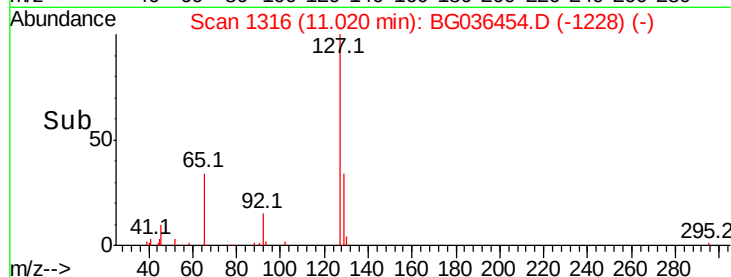
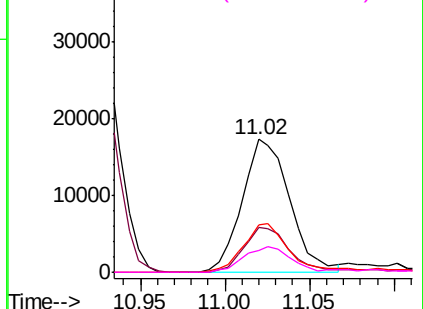
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

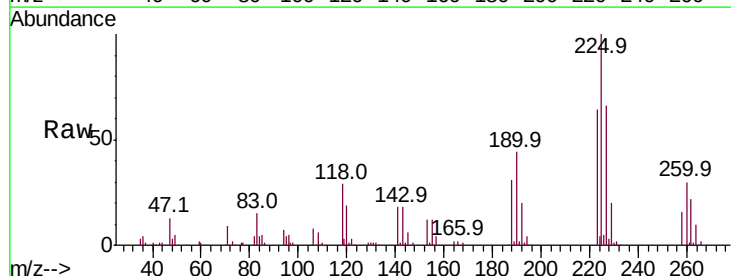
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.652 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion:	225	Resp:	115664
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.8	77.8
227	66.4	49.8	74.6

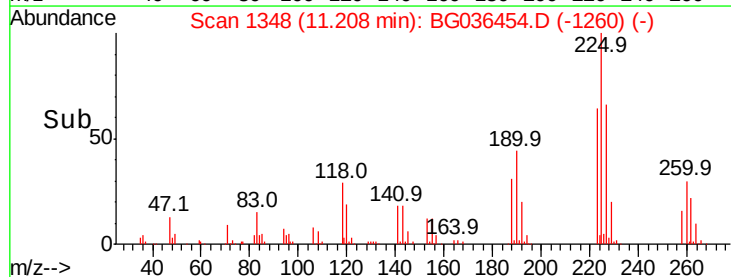
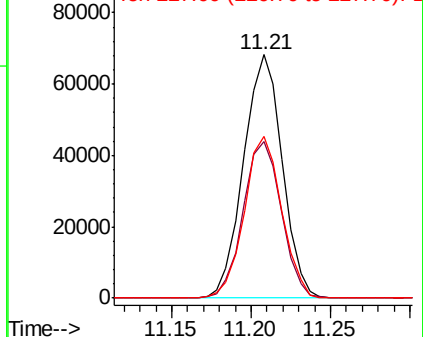


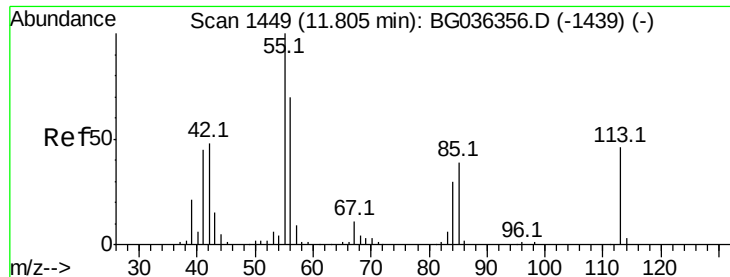
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.400 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

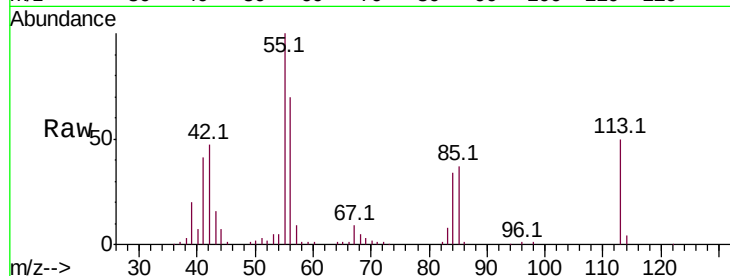
Tot Ion:113 Resp: 36833

Ion Ratio Lower Upper

113 100

55 201.7 197.7 237.7

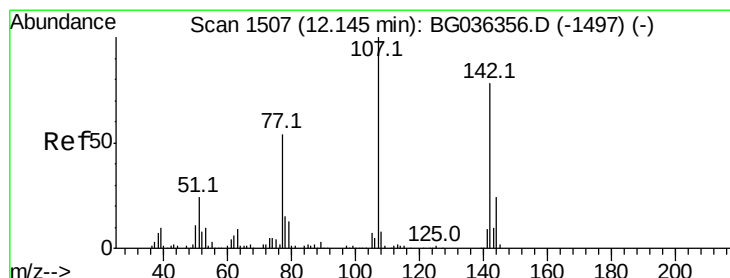
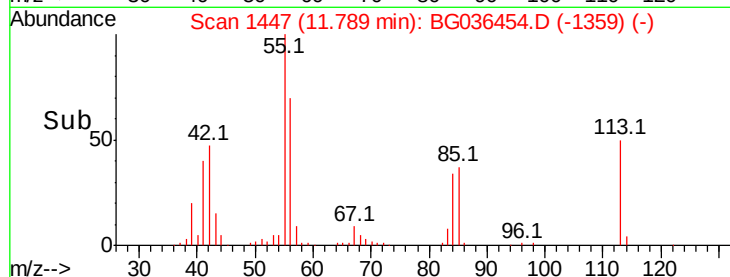
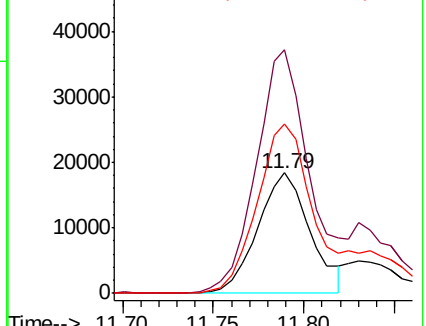
56 140.3 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.292 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

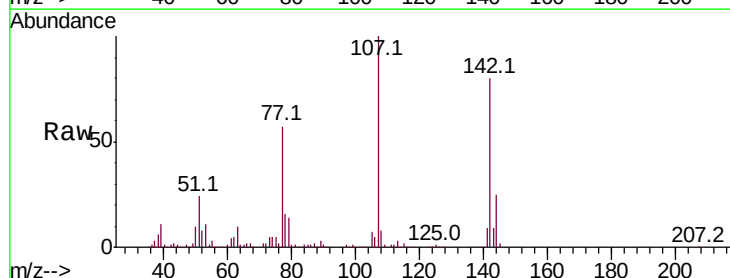
Tgt Ion:107 Resp: 193246

Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

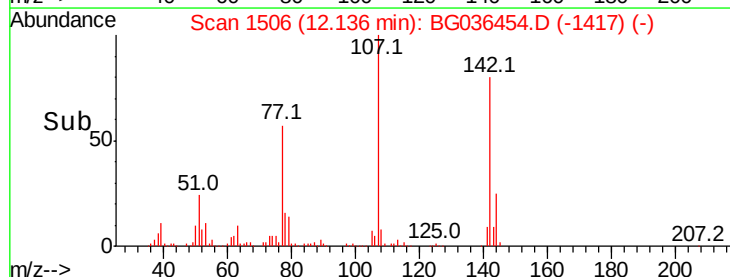
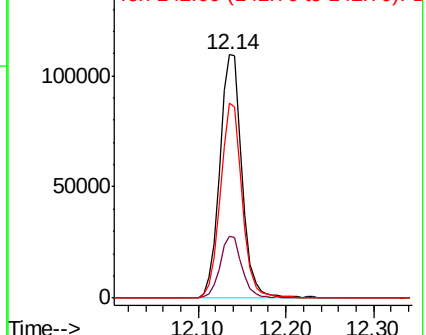
142 80.0 62.4 93.6

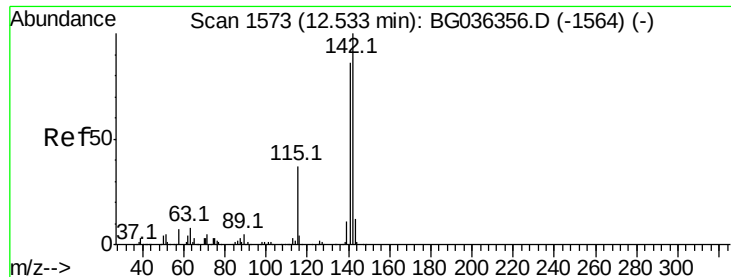


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

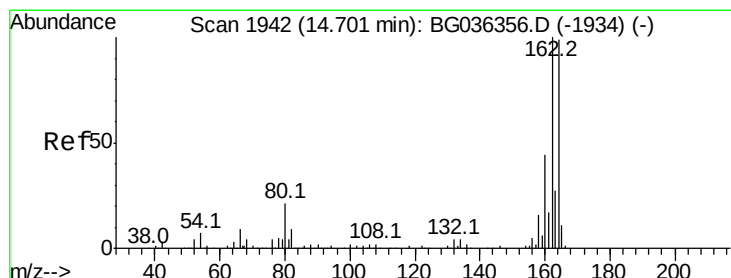
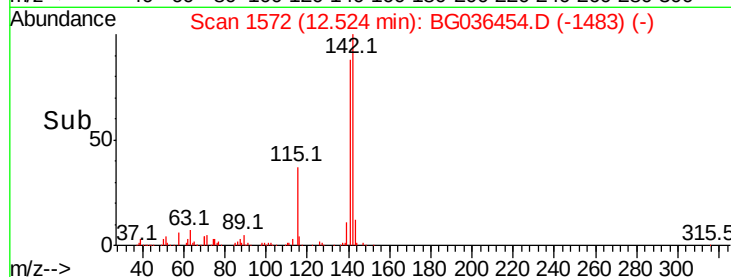
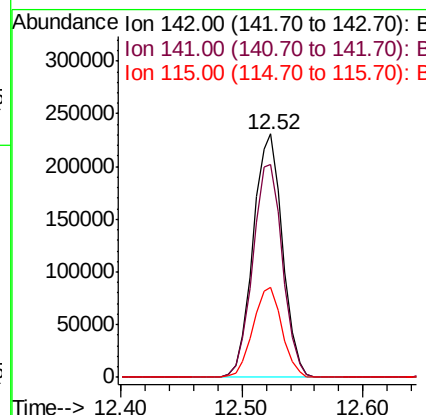
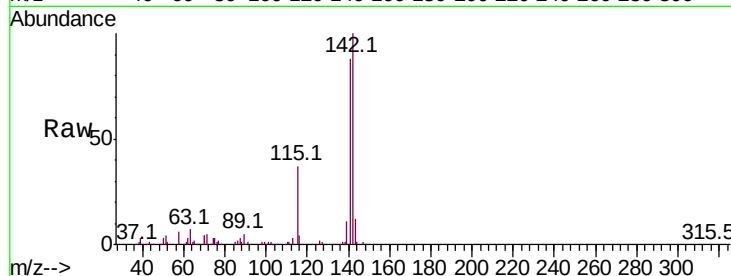




#37
 2-Methylnaphthalene
 Concen: 41.339 ng
 RT: 12.52 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

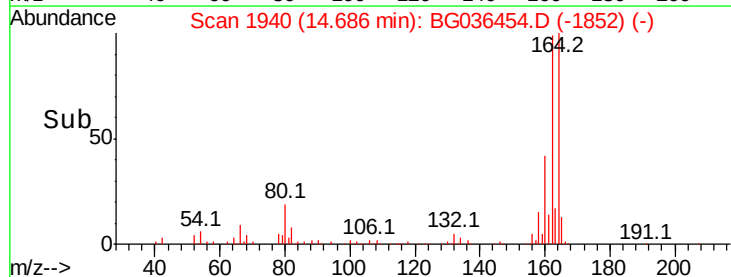
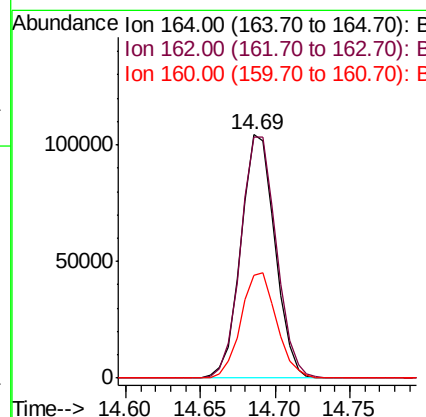
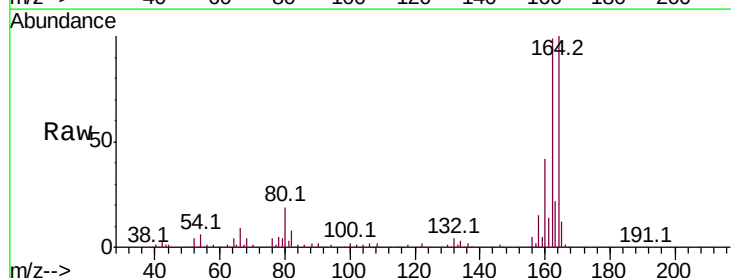
Instrument :
 BNA_G
 ClientSampleId :

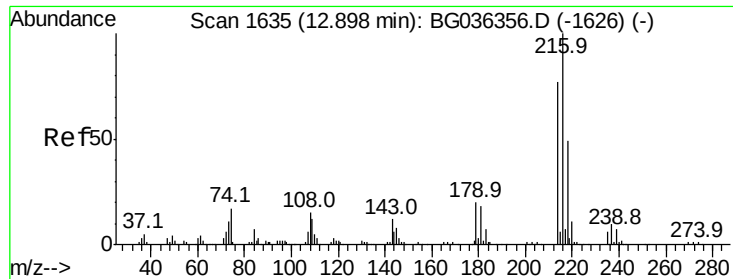
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	68.5	102.7
115	37.1	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.7	121.1
160	42.1	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.004 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 221673

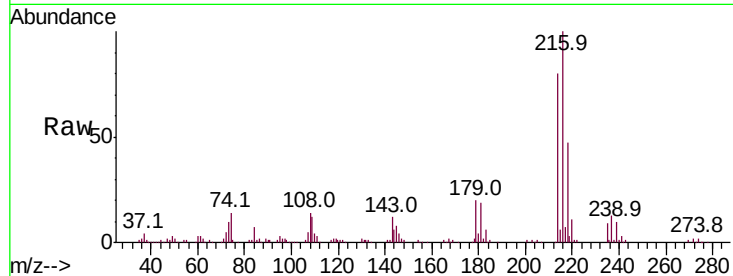
Ion Ratio Lower Upper

216 100

214 78.3 61.0 91.6

179 19.6 15.7 23.5

108 16.8 13.1 19.7

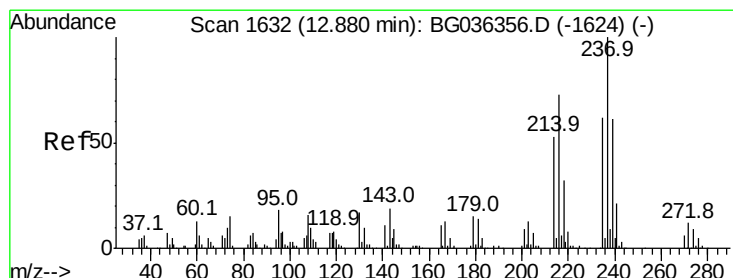
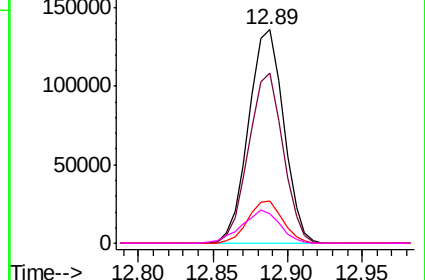
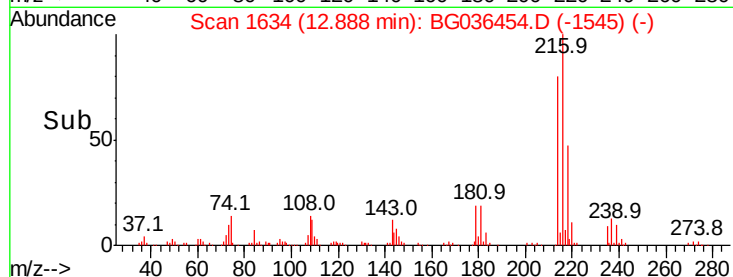


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.645 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

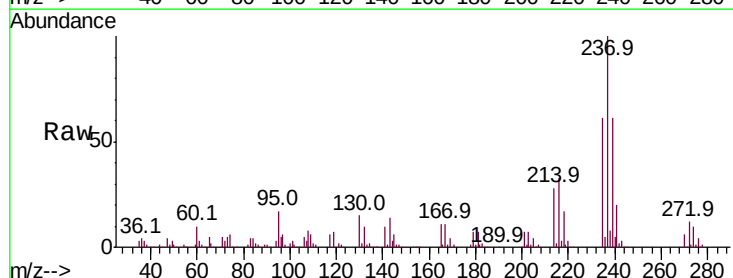
Tgt Ion:237 Resp: 229576

Ion Ratio Lower Upper

237 100

235 61.4 42.2 82.2

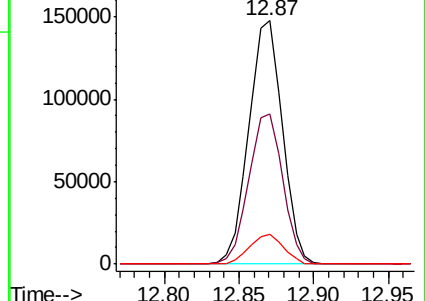
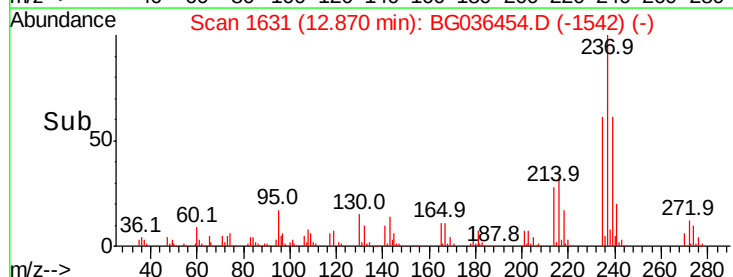
272 12.2 0.0 32.1

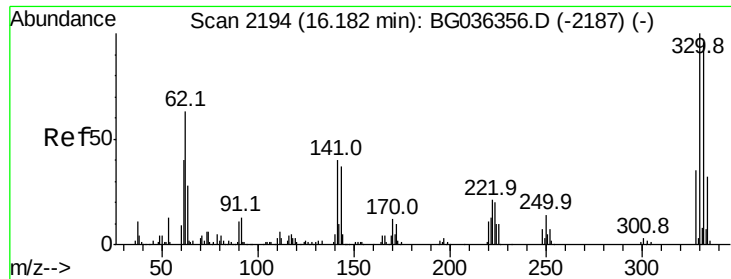


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

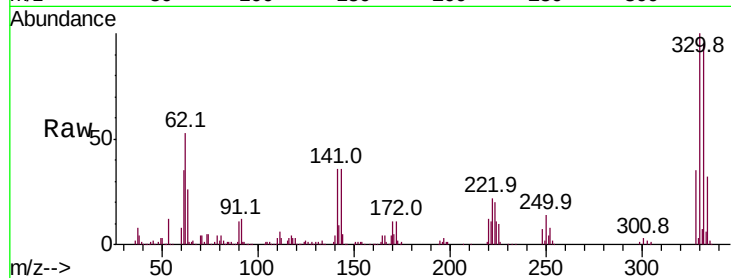




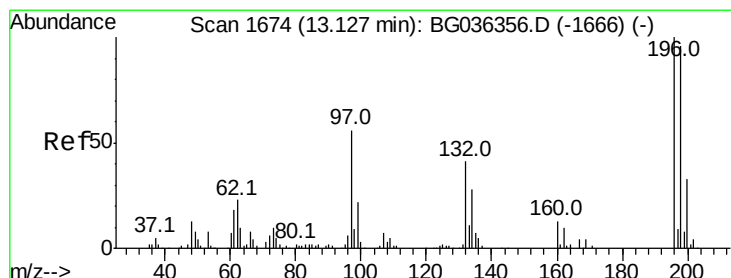
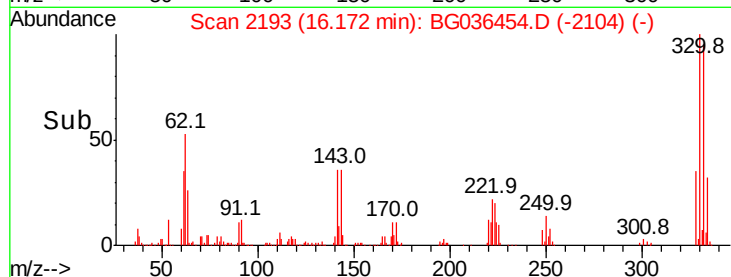
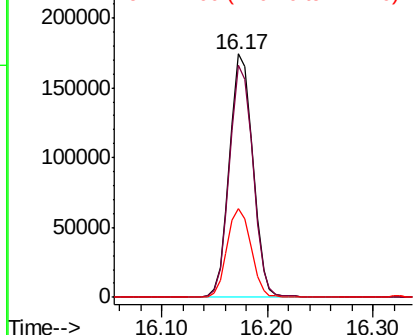
#41
 2,4,6-Tribromophenol
 Concen: 136.008 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.1	30.7	46.1

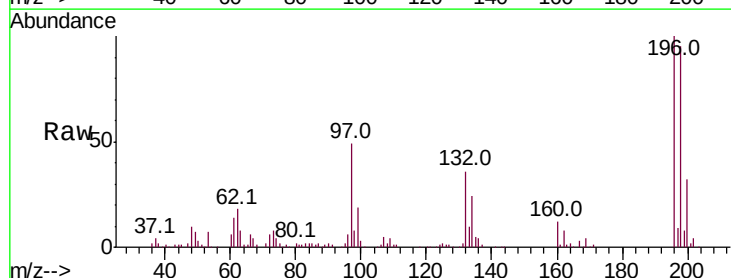


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

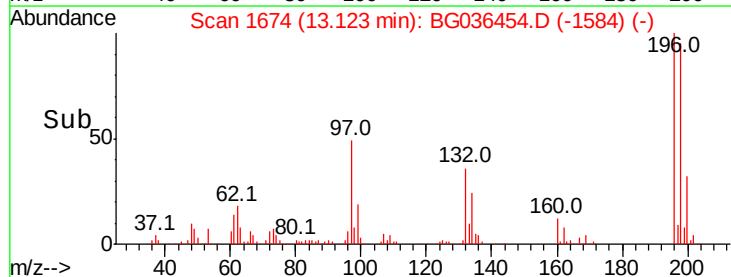
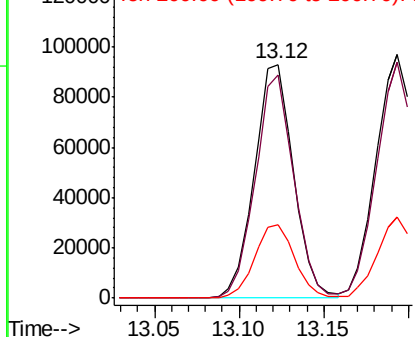


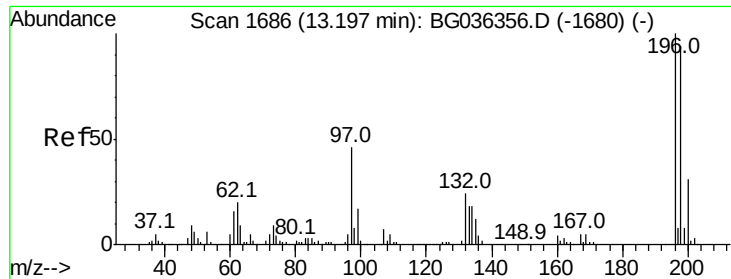
#42
 2,4,6-Trichlorophenol
 Concen: 42.026 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
200	31.5	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

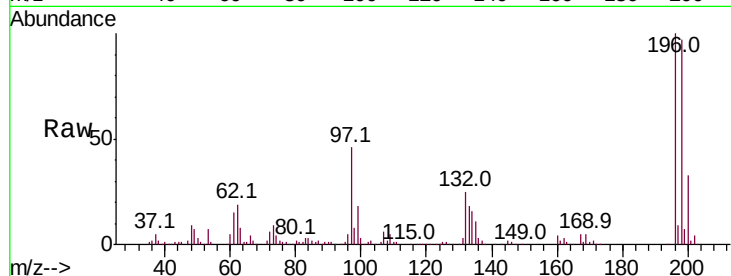




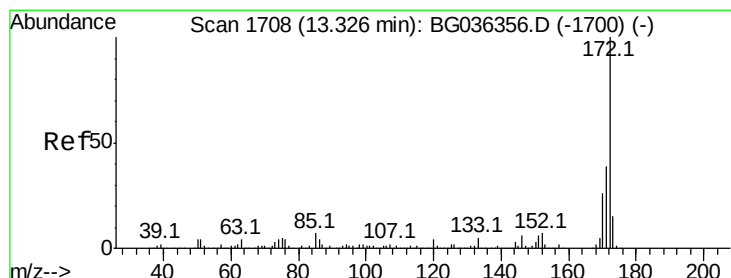
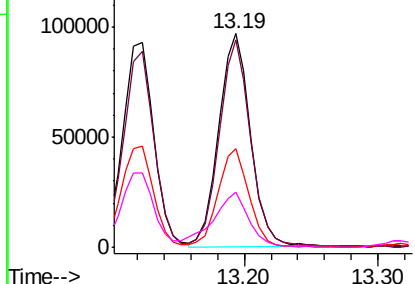
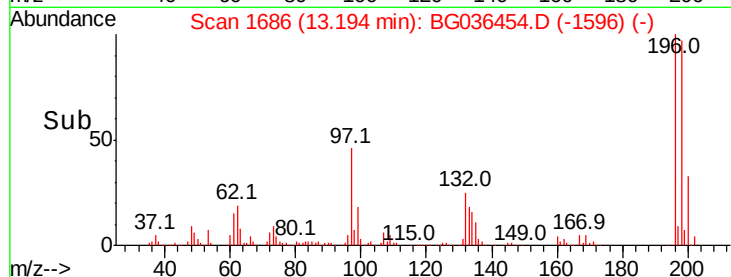
#43
 2,4,5-Trichlorophenol
 Concen: 42.569 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	161328
Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.6	113.4
97	46.1	37.2	55.8
132	25.5	19.4	29.2

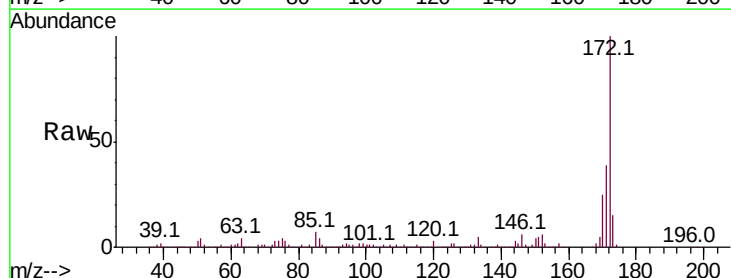


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

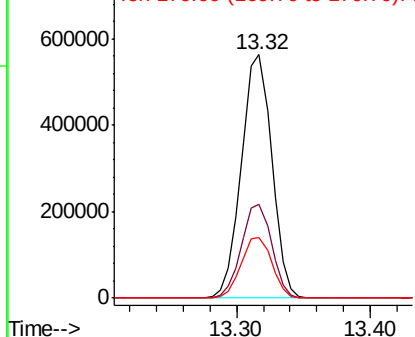
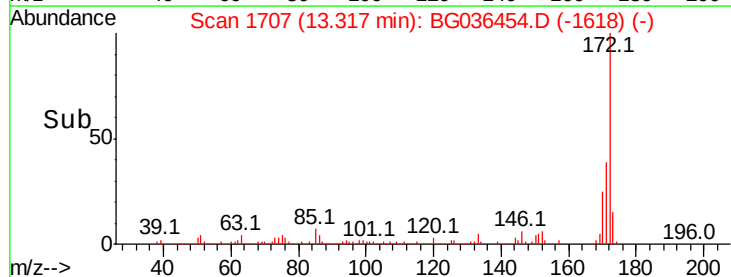


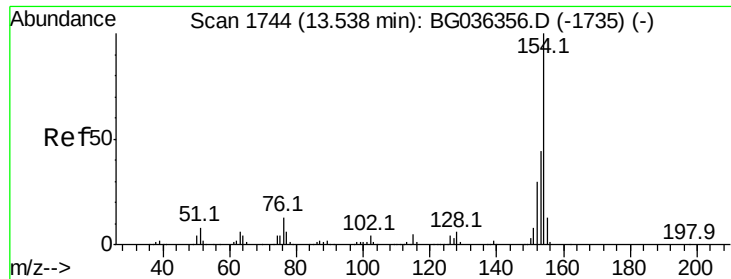
#44
 2-Fluorobiphenyl
 Concen: 76.753 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion:	172	Resp:	886026
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.1	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

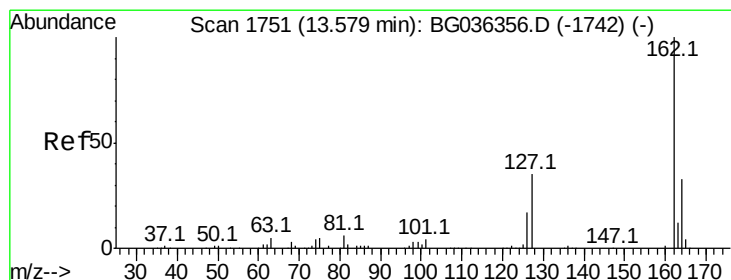
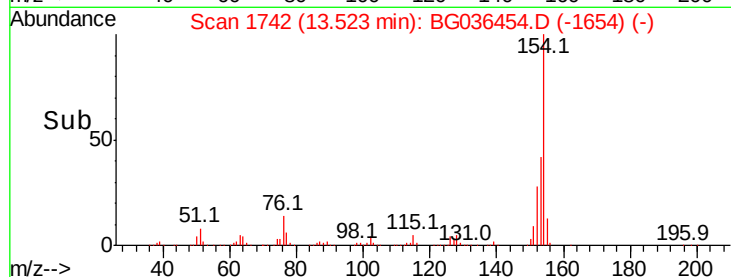
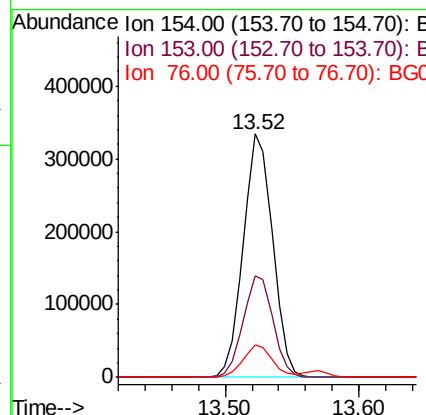
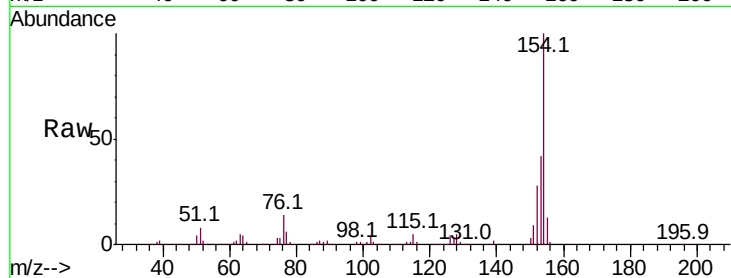




#45
 1,1'-Biphenyl
 Concen: 37.059 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

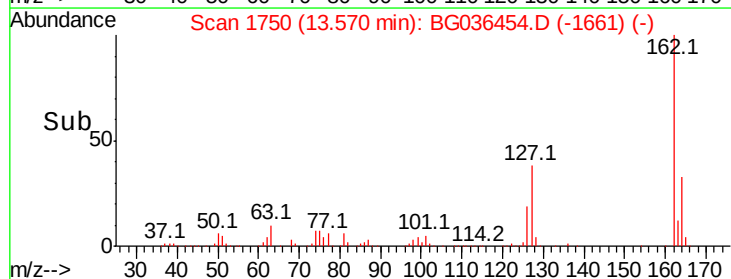
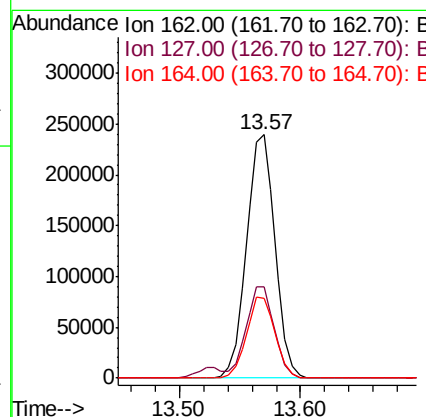
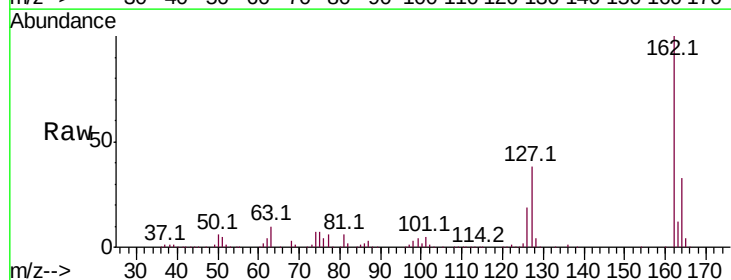
Instrument :
 BNA_G
 ClientSampleId :

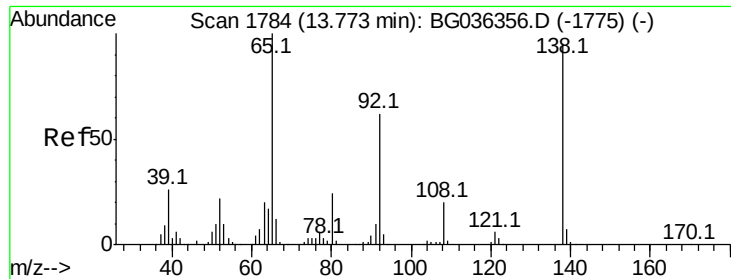
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	24.0	64.0
76	13.5	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 37.588 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	33.0	26.7	40.1

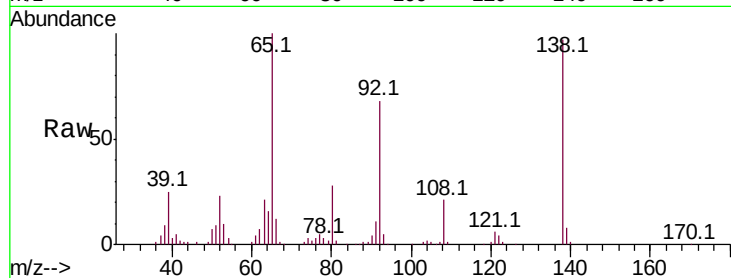




#47
2-Nitroaniline
Concen: 40.921 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	49.9	74.9
138	97.1	76.2	114.4

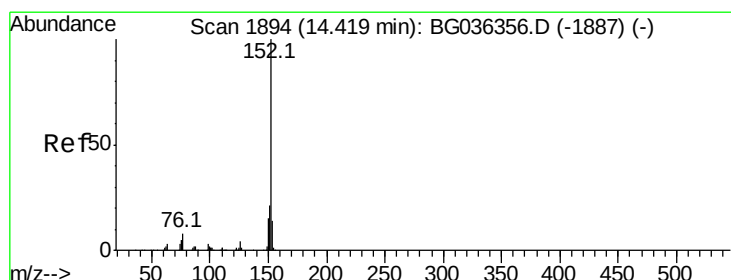
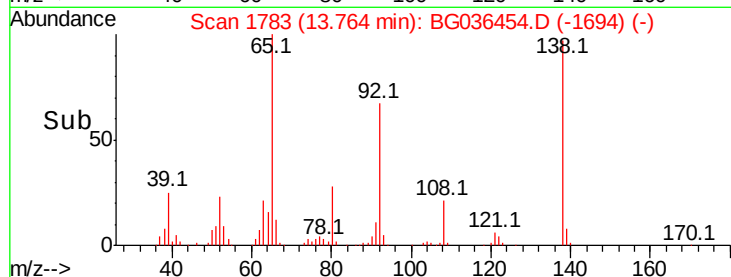
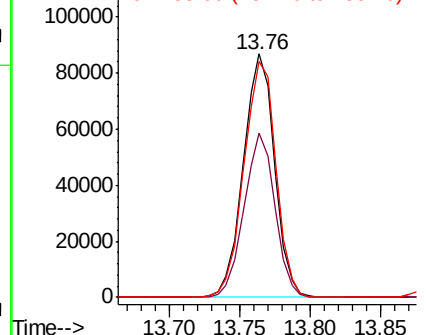


Abundance

Ion 65.00 (64.70 to 65.70): BGC

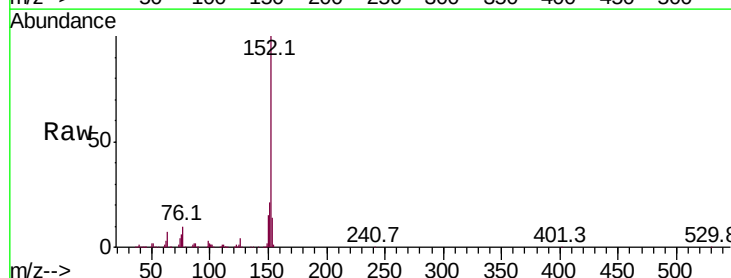
Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48
Acenaphthylene
Concen: 40.128 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.7	11.2	16.8

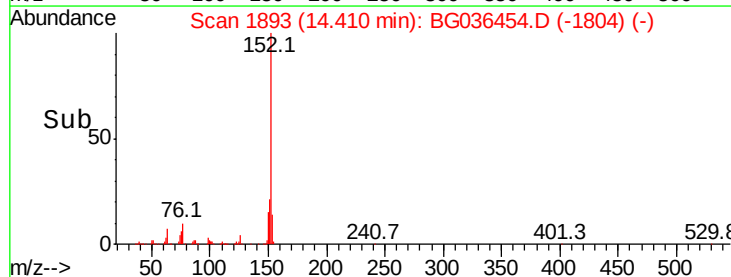
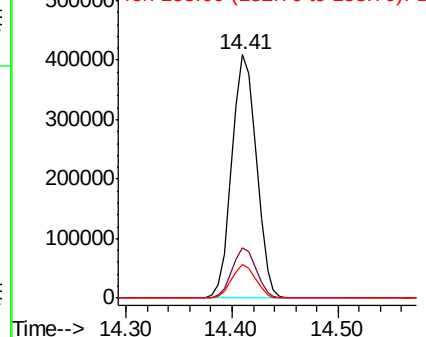


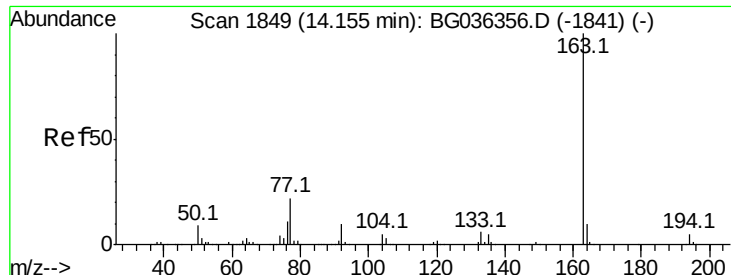
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 38.646 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

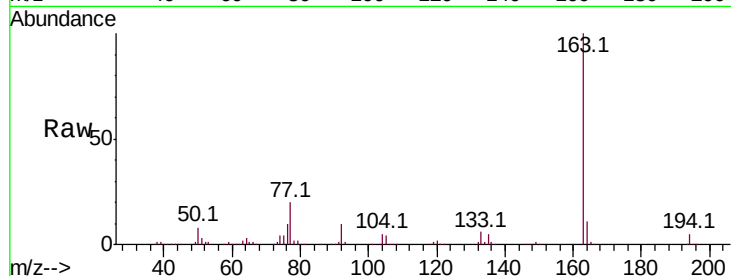
Tot Ion:163 Resp: 520138

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

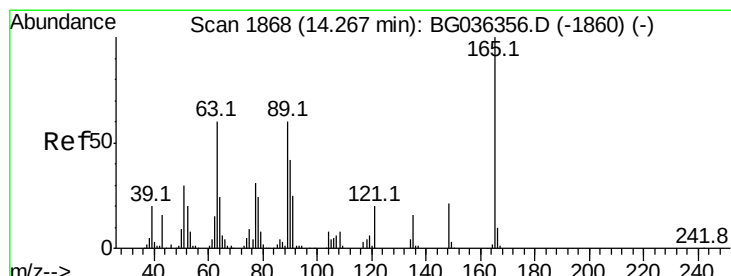
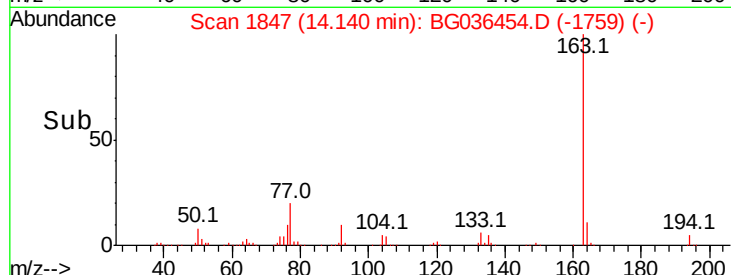
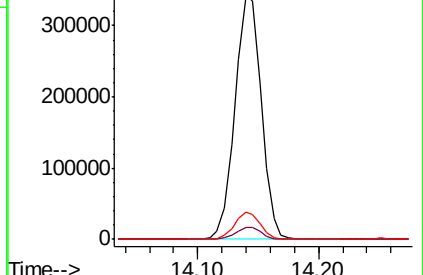
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.255 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

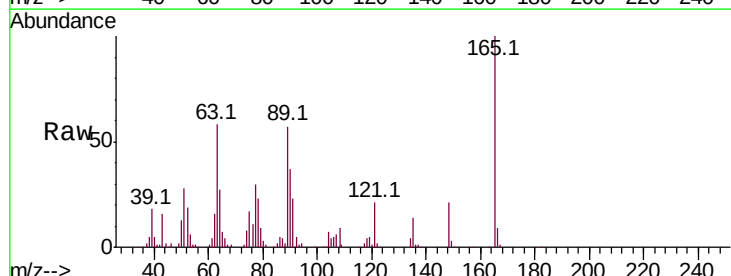
Tgt Ion:165 Resp: 114256

Ion Ratio Lower Upper

165 100

63 57.8 50.1 75.1

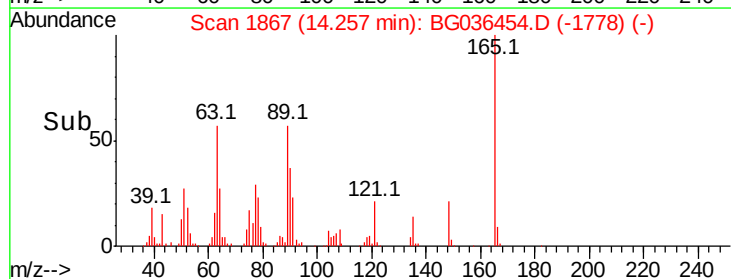
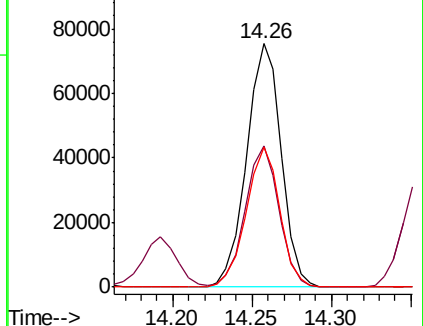
89 57.5 47.8 71.6

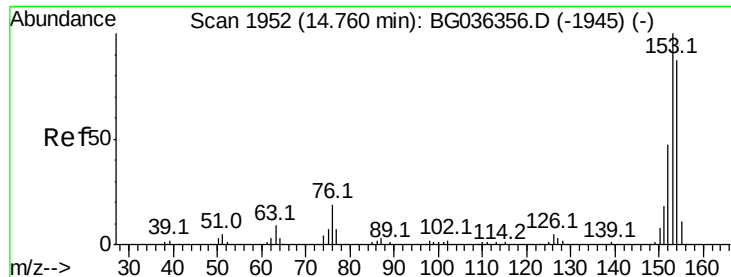


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.930 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

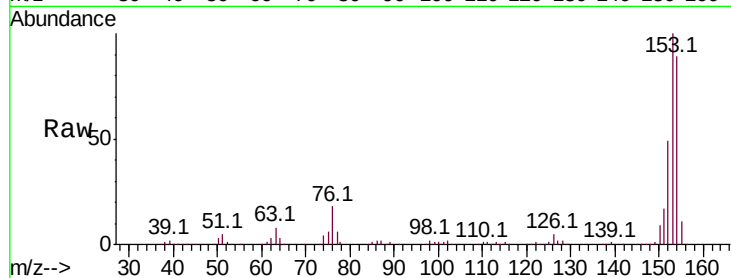
Tot Ion:154 Resp: 406991

Ion Ratio Lower Upper

154 100

153 111.8 91.8 137.6

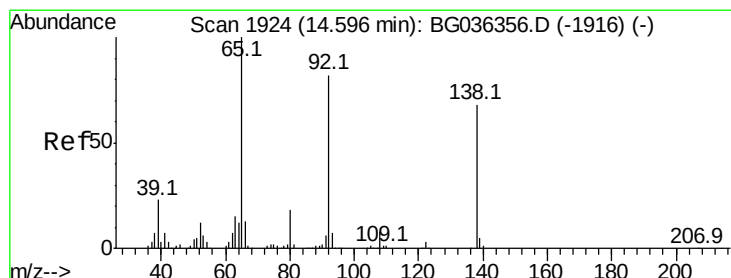
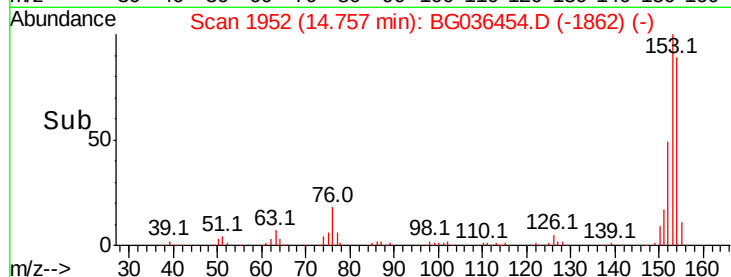
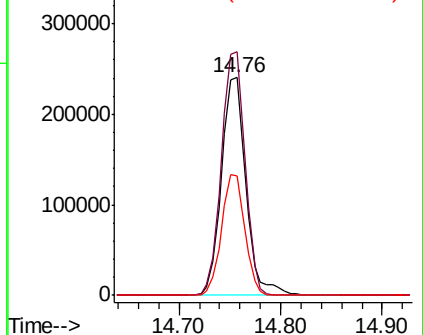
152 55.0 43.5 65.3



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: 23.100 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

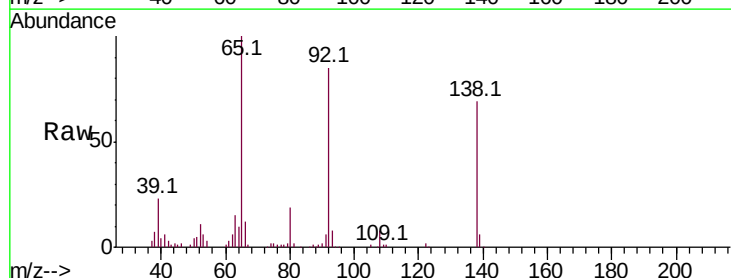
Tgt Ion:138 Resp: 68940

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.2

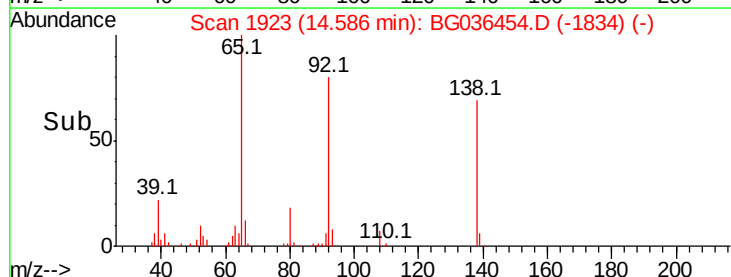
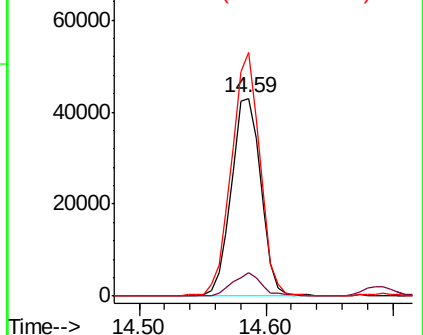
92 123.1 96.8 145.2

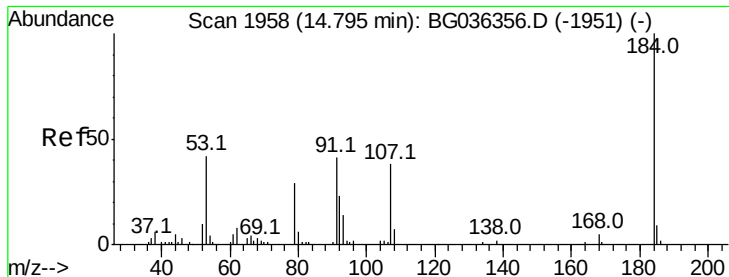


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

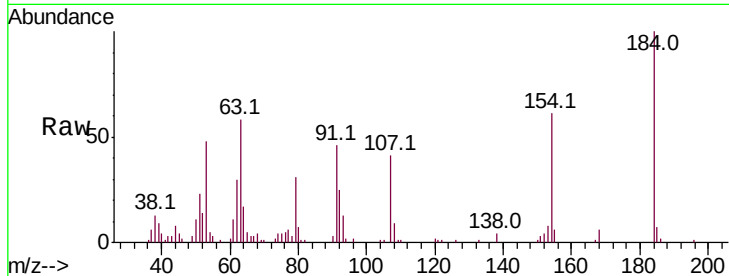




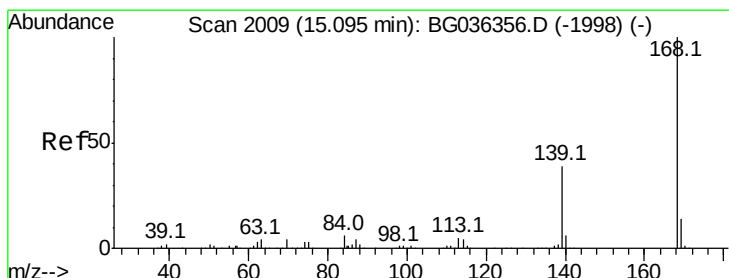
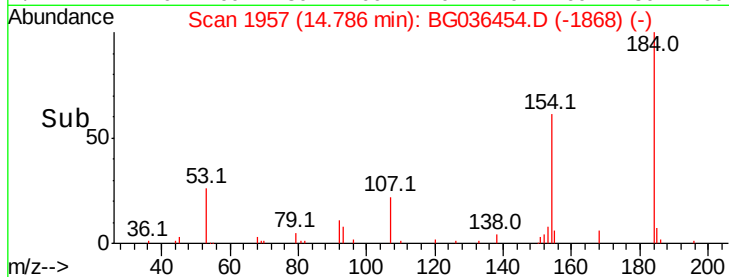
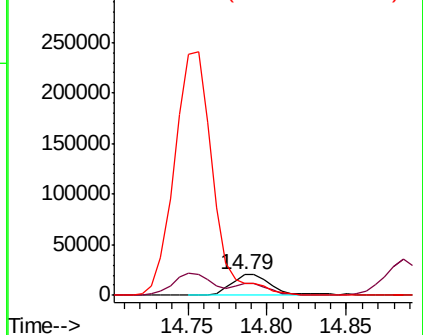
#53
 2,4-Dinitrophenol
 Concen: 34.570 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 36264
 Ion Ratio Lower Upper
 184 100
 63 58.2 47.3 70.9
 154 60.7 51.1 76.7

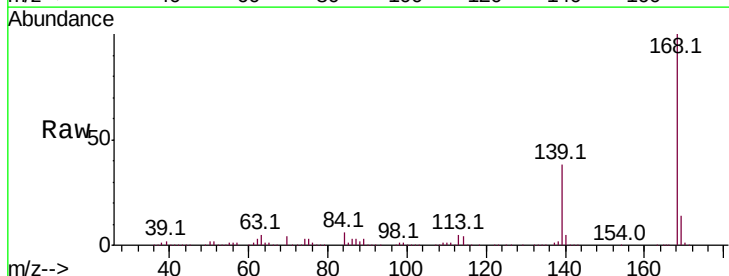


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

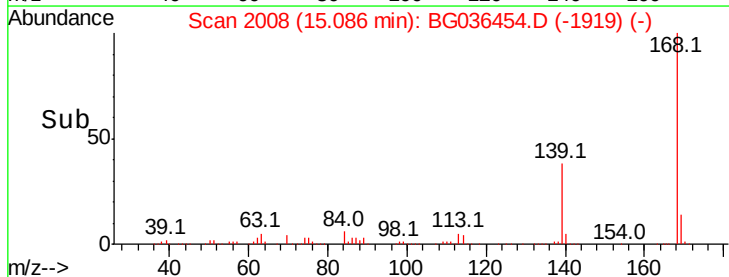
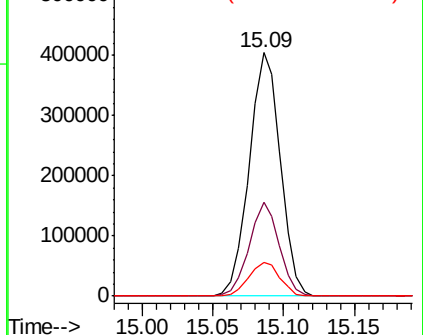


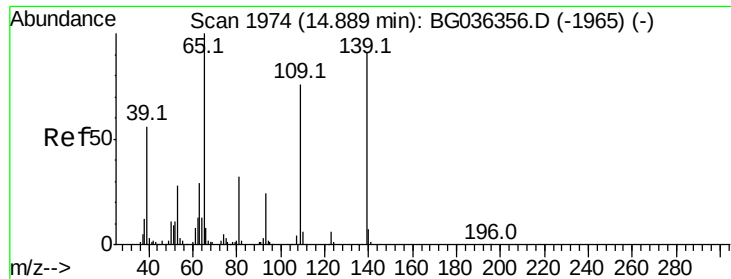
#54
 Dibenzofuran
 Concen: 38.281 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion:168 Resp: 626992
 Ion Ratio Lower Upper
 168 100
 139 38.5 31.0 46.6
 169 13.8 11.1 16.7



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

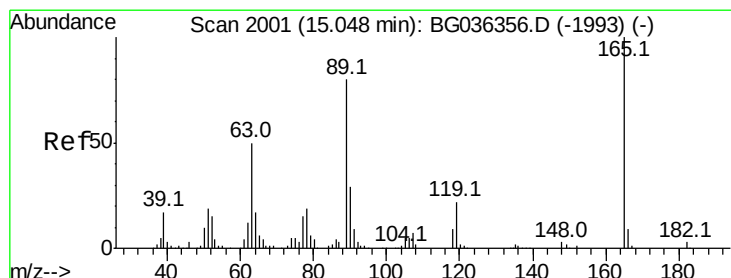
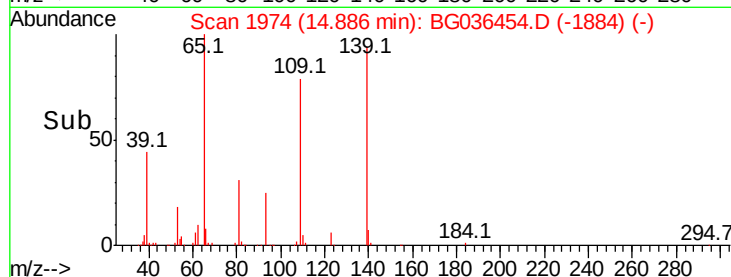
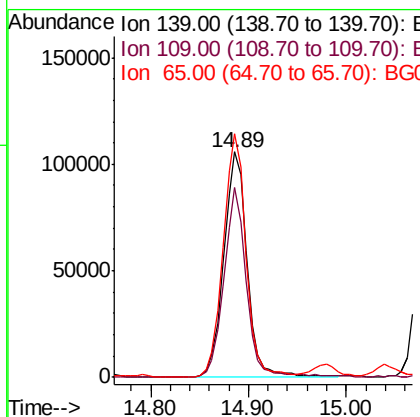
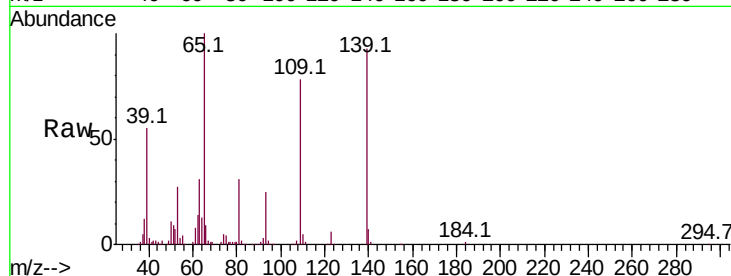




#55
4-Nitrophenol
Concen: 71.999 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

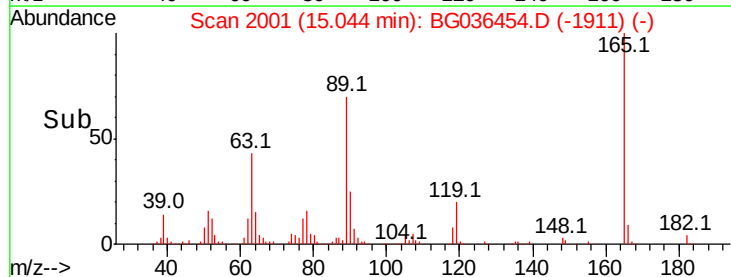
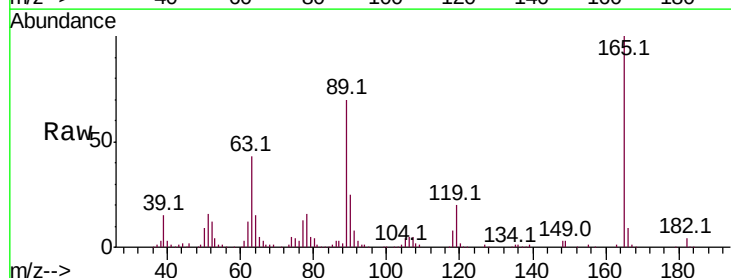
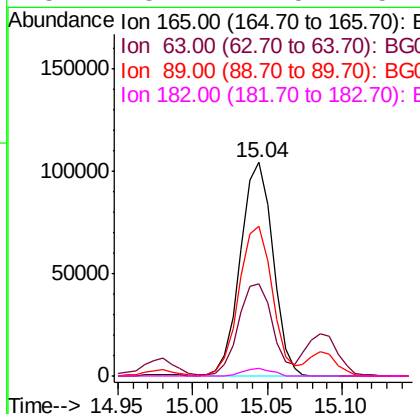
Instrument :
BNA_G
ClientSampleId :

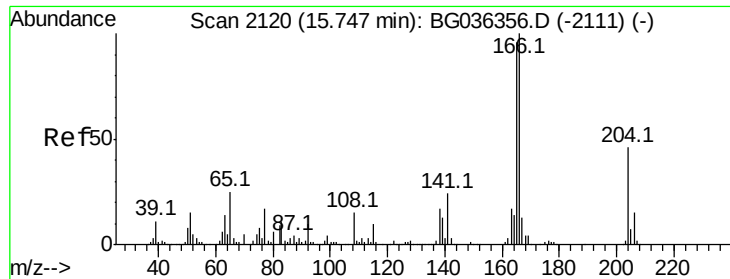
Tot Ion	Ratio	Lower	Upper
139	100		
109	84.0	63.9	103.9
65	108.0	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 43.860 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	40.1	60.1
89	70.3	63.7	95.5
182	3.7	2.5	3.7

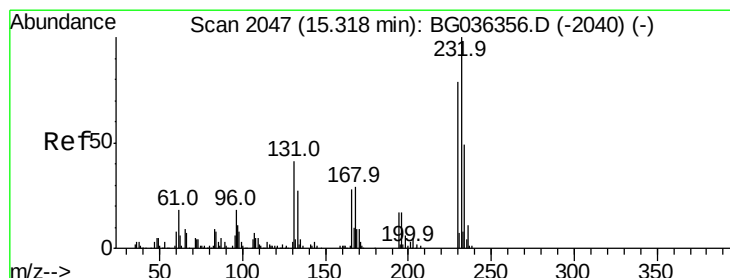
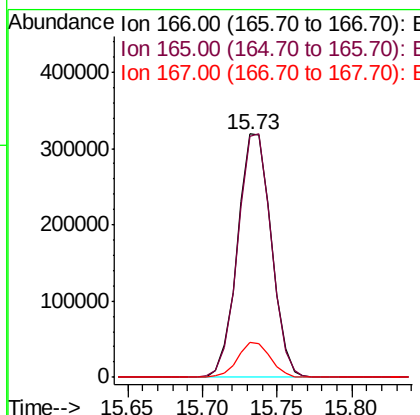
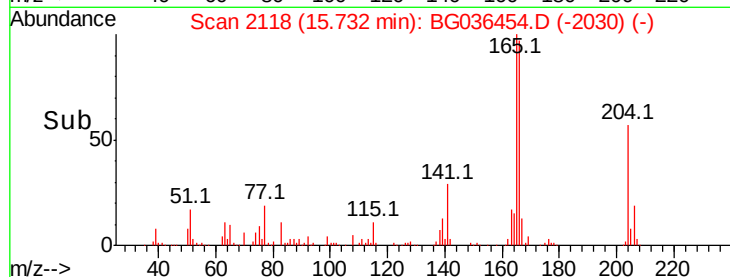
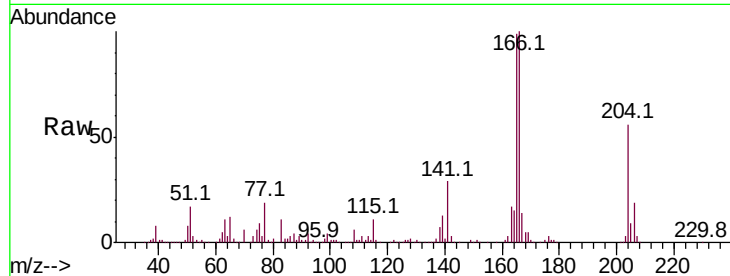




#57
 Fluorene
 Concen: 40.812 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

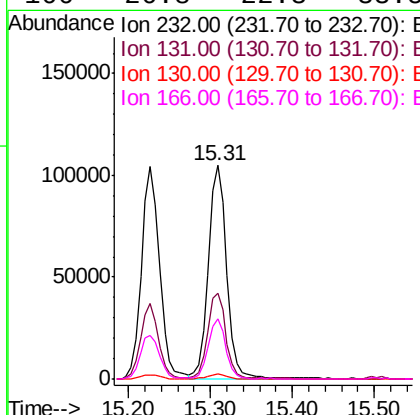
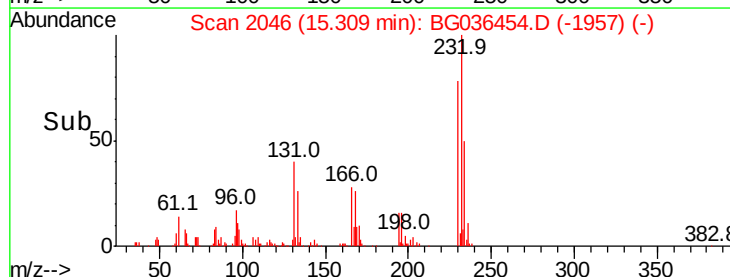
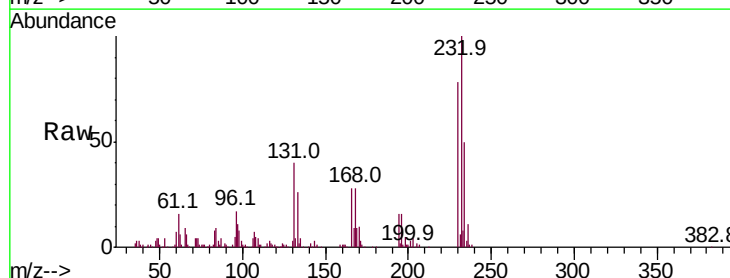
Instrument :
 BNA_G
 ClientSampleId :

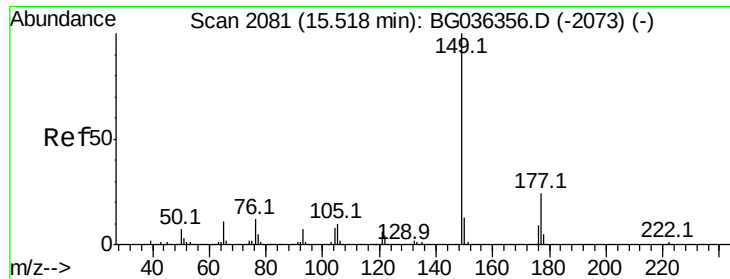
Tot Ion:166 Resp: 499702
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.0 115.4
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.843 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion:232 Resp: 163232
 Ion Ratio Lower Upper
 232 100
 131 39.1 33.8 50.8
 130 2.3 2.1 3.1
 166 26.8 22.3 33.5

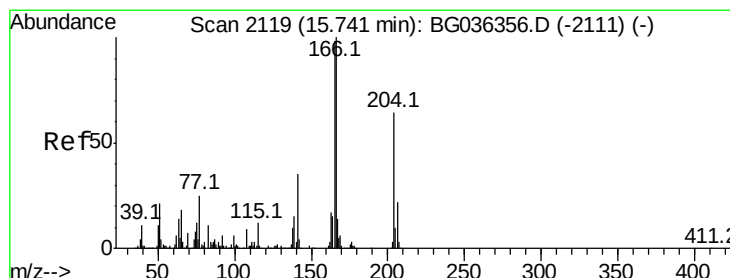
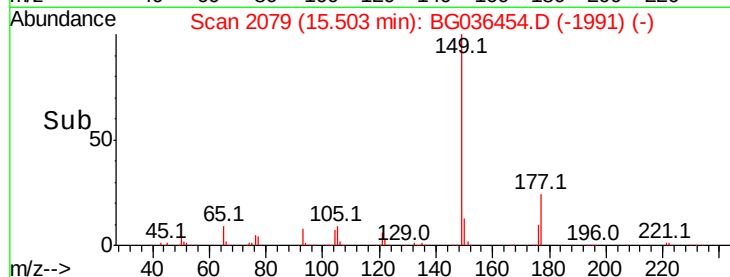
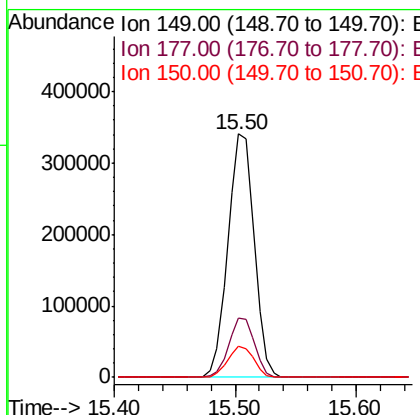
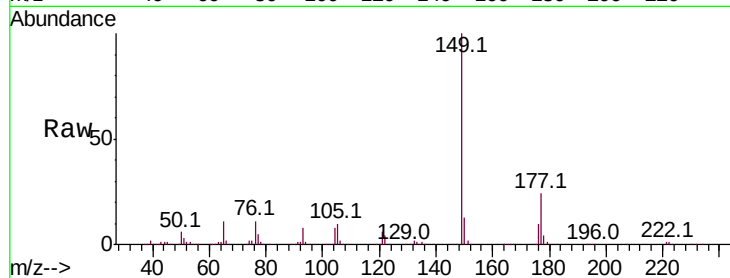




#59
Diethylphthalate
Concen: 37.942 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

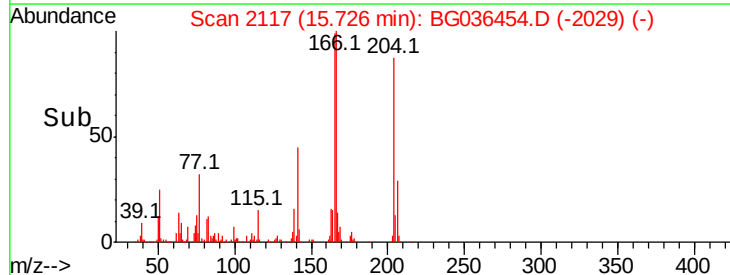
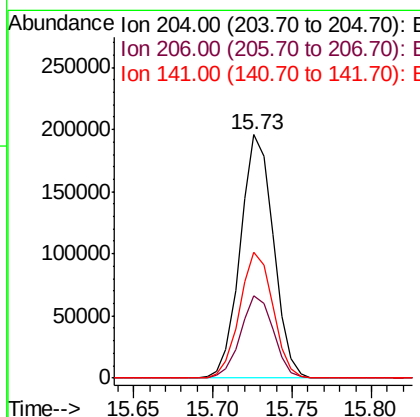
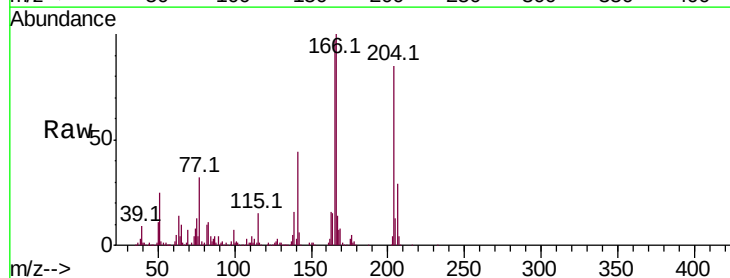
Instrument :
BNA_G
ClientSampleId :

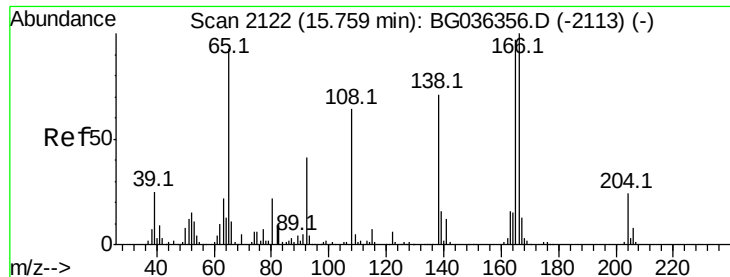
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	12.8	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 37.475 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.4
141	51.5	43.8	65.6

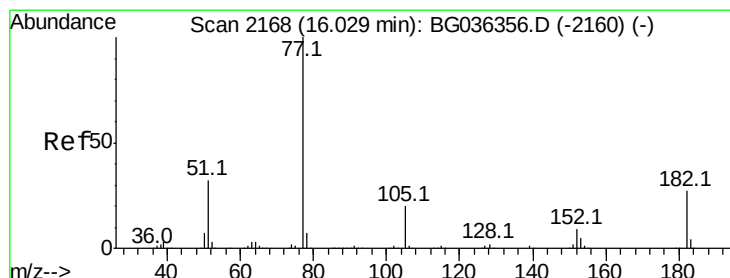
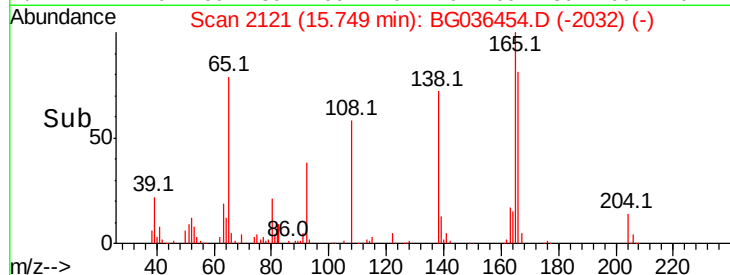
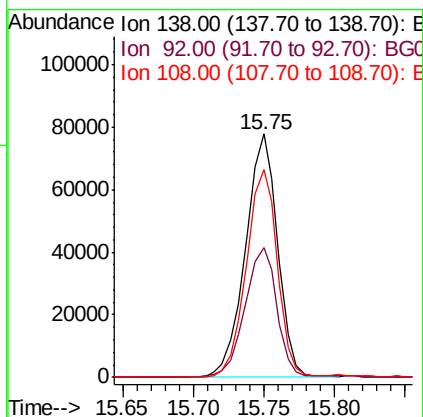
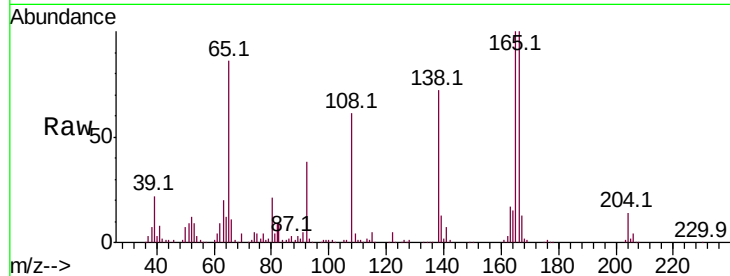




#61
4-Nitroaniline
Concen: 39.792 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

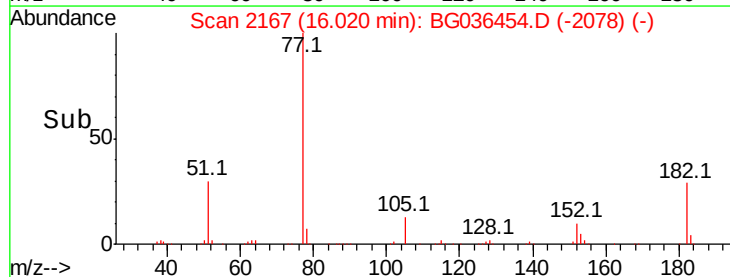
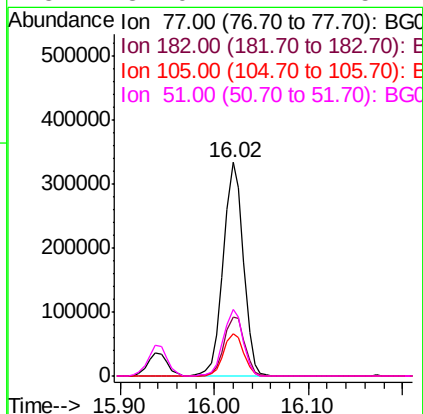
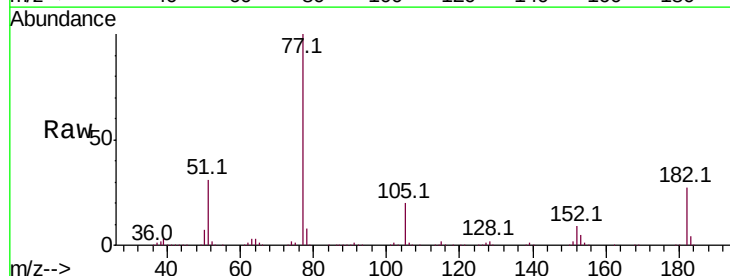
Instrument :
BNA_G
ClientSampleId :

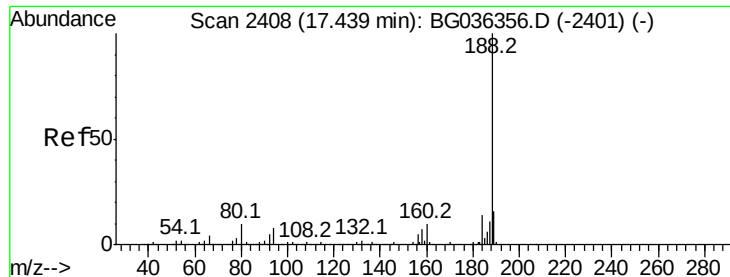
Tot Ion:138 Resp: 124272
Ion Ratio Lower Upper
138 100
92 53.4 38.5 78.5
108 85.5 70.3 110.3



#62
Azobenzene
Concen: 36.177 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion: 77 Resp: 499270
Ion Ratio Lower Upper
77 100
182 27.5 6.7 46.7
105 19.9 0.0 39.8
51 31.0 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

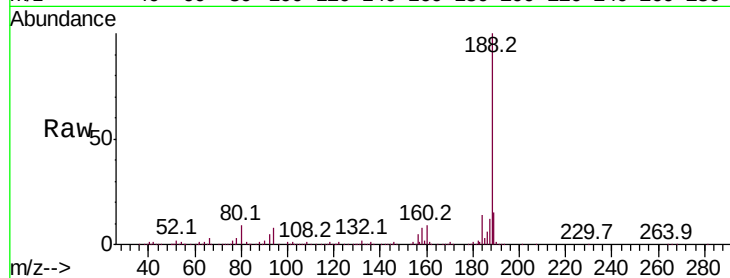
Tot Ion:188 Resp: 425397

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

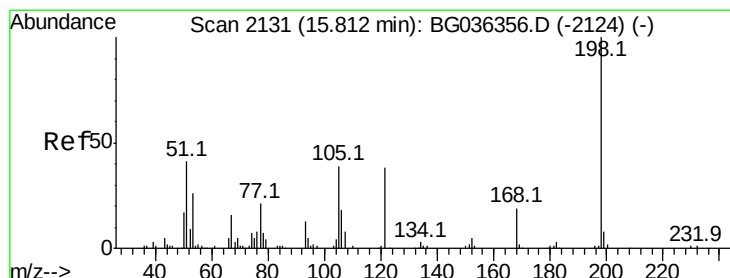
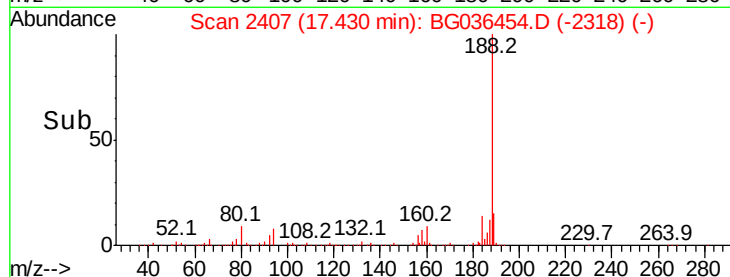
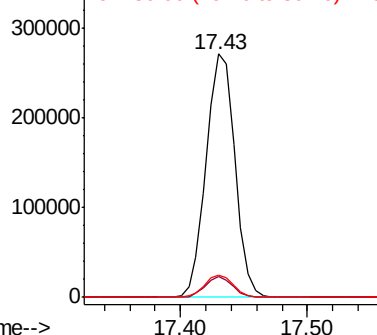
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 23.082 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

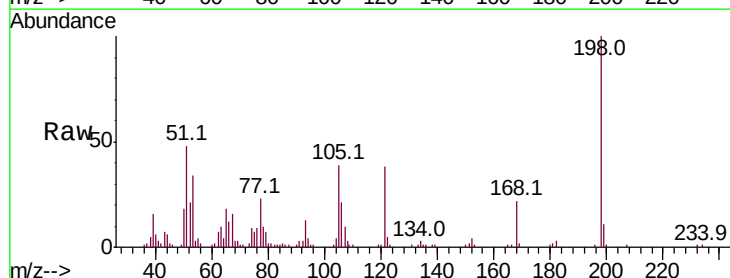
Tgt Ion:198 Resp: 43133

Ion Ratio Lower Upper

198 100

51 48.3 26.5 66.5

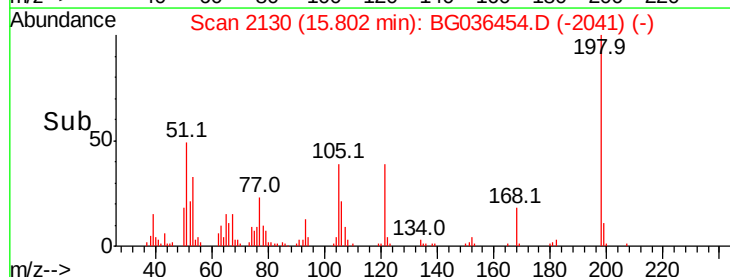
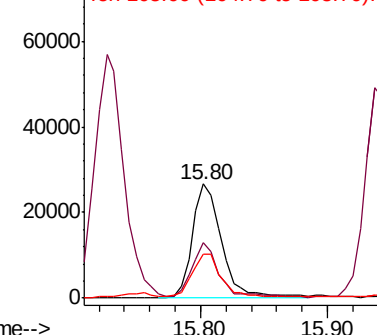
105 38.8 20.2 60.2

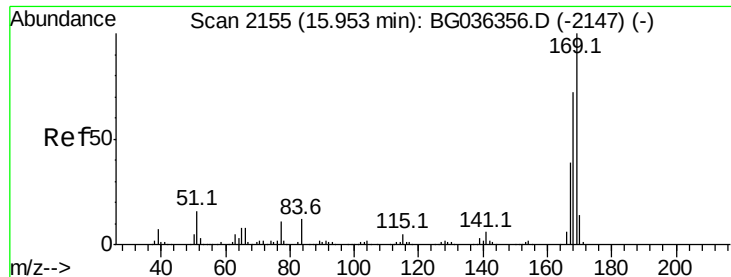


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.232 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

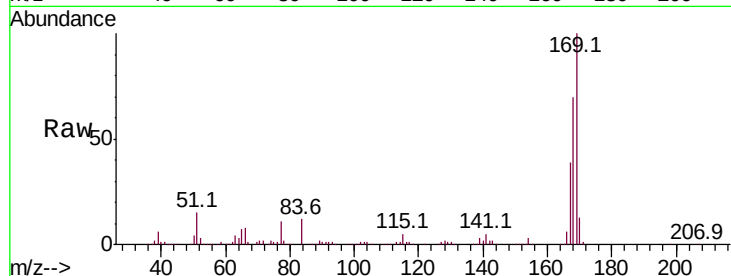
Tot Ion:169 Resp: 457970

Ion Ratio Lower Upper

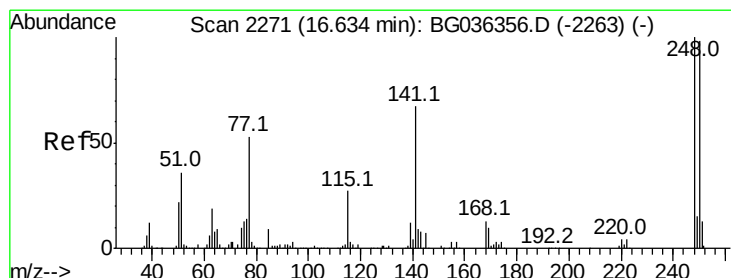
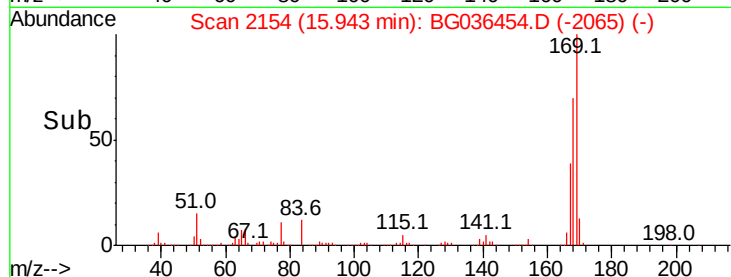
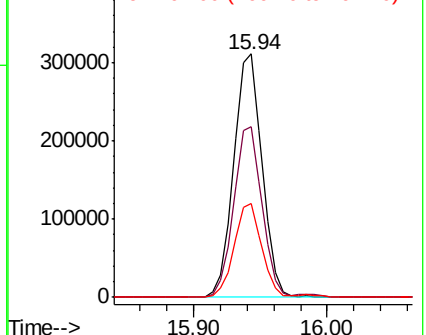
169 100

168 70.3 57.6 86.4

167 38.6 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 37.495 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

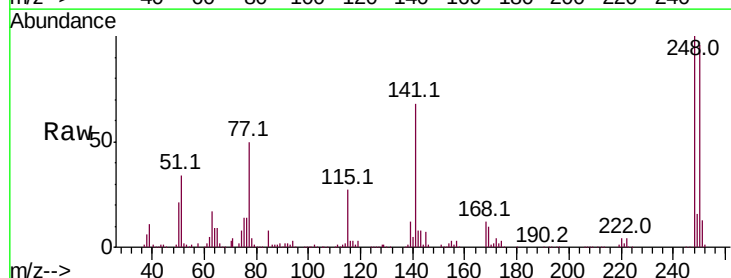
Tgt Ion:248 Resp: 186746

Ion Ratio Lower Upper

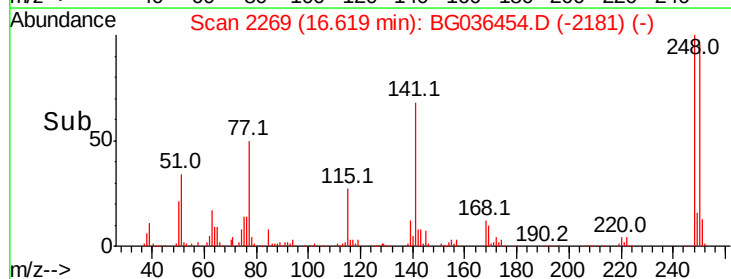
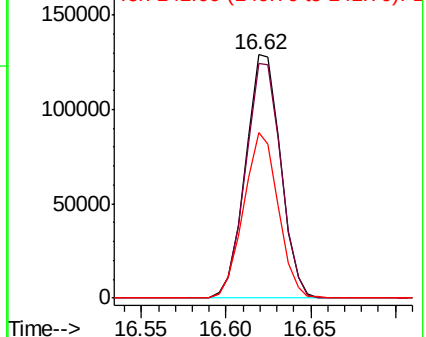
248 100

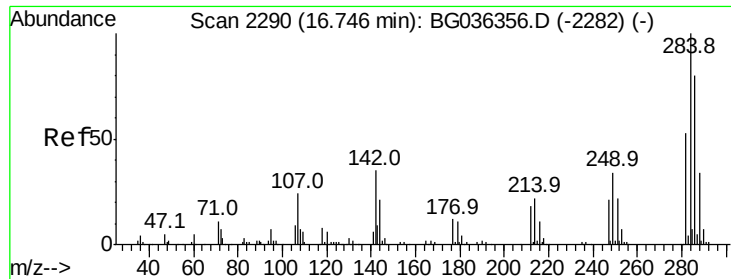
250 96.5 78.1 117.1

141 68.0 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

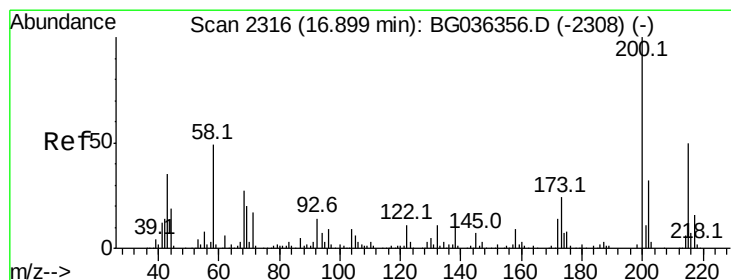
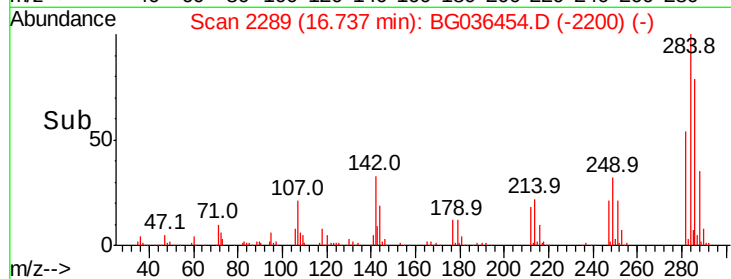
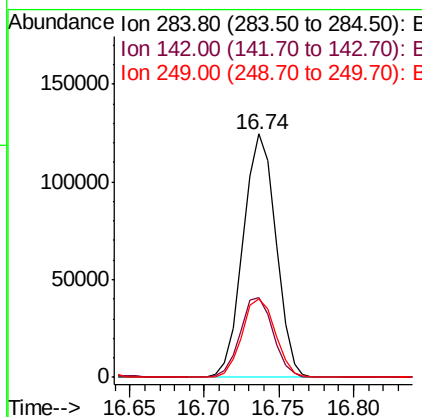
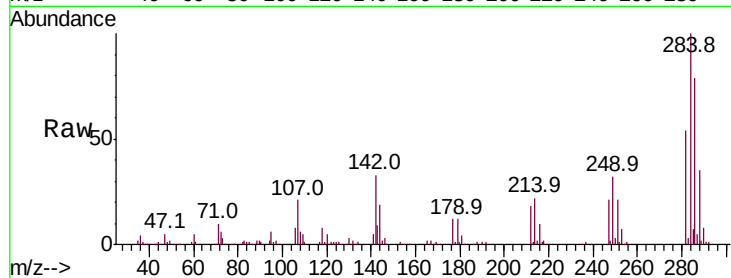




#67
Hexachlorobenzene
Concen: 37.189 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

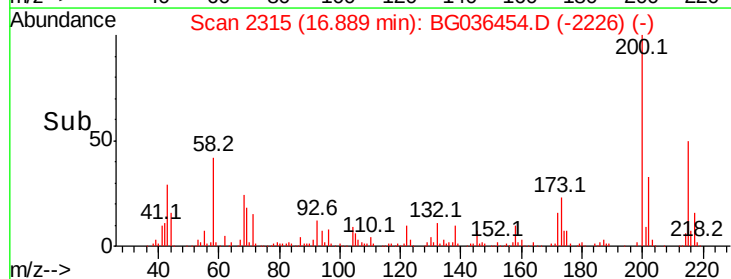
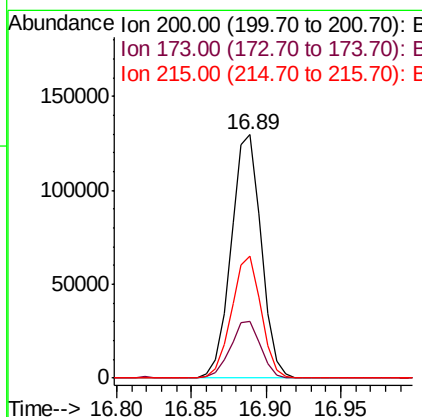
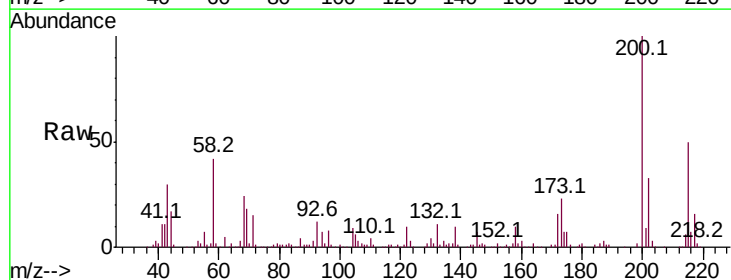
Instrument :
BNA_G
ClientSampleId :

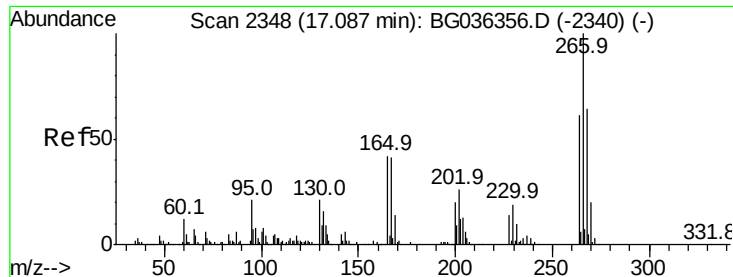
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	32.4	27.4	41.2



#68
Atrazine
Concen: 38.399 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	50.3	30.4	70.4

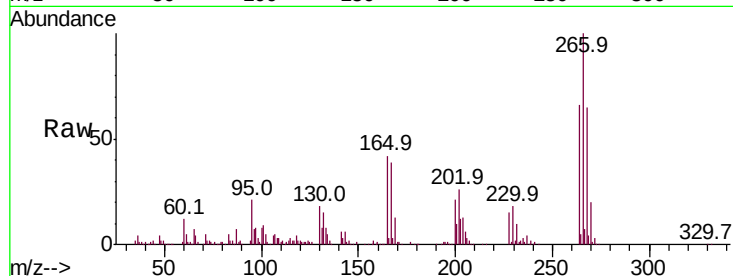




#69
 Pentachlorophenol
 Concen: 61.990 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.4	77.2
264	65.7	48.9	73.3

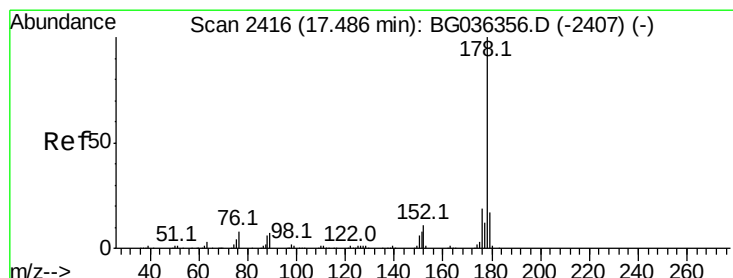
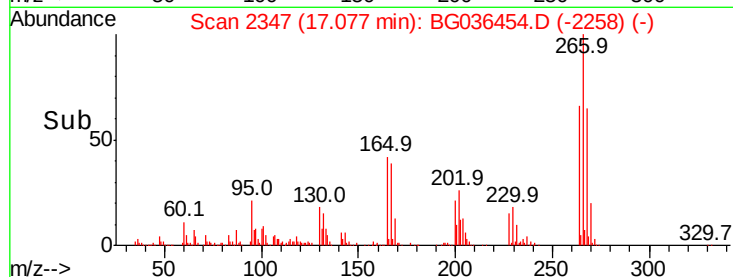
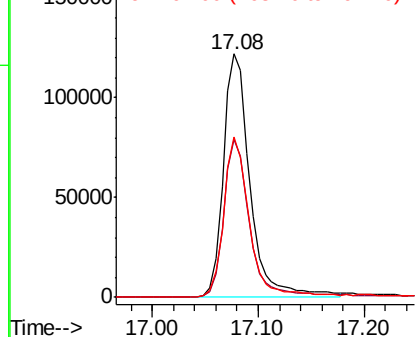


Abundance

Ion 265.70 (265.40 to 266.40): E

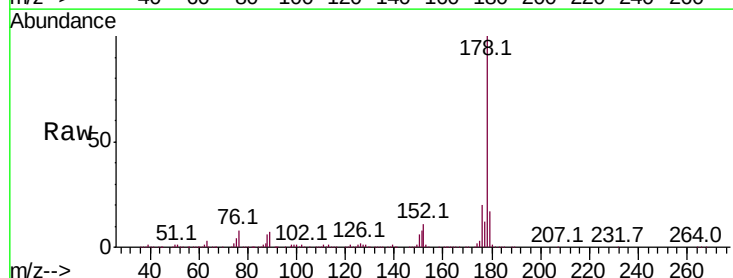
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.971 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	13.4	20.2

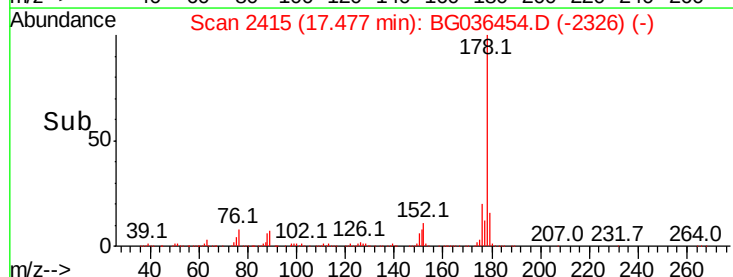
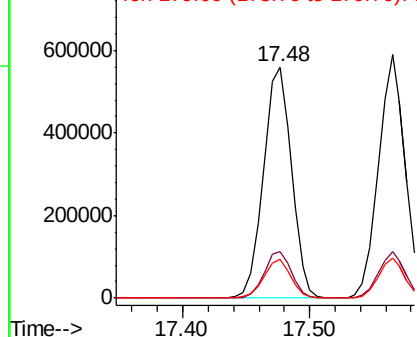


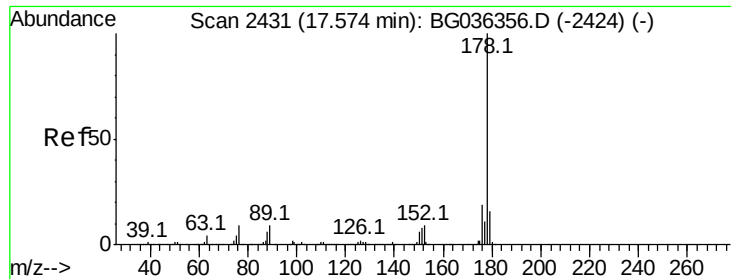
Abundance

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

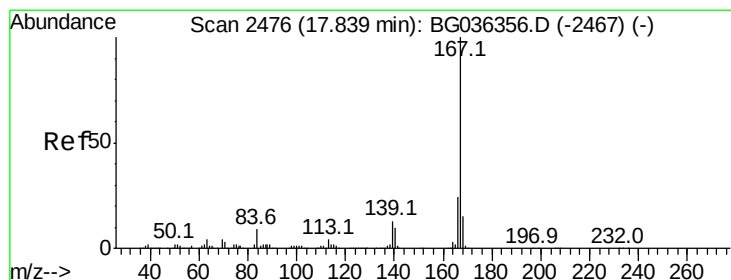
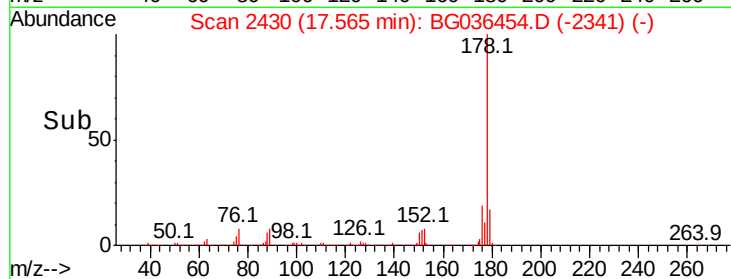
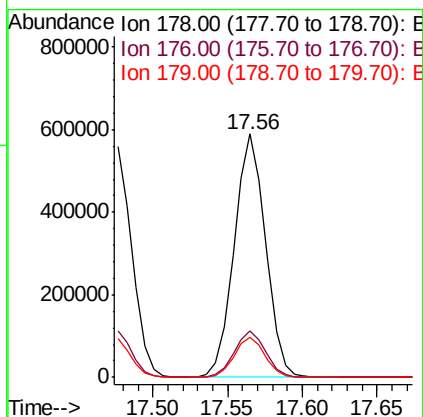
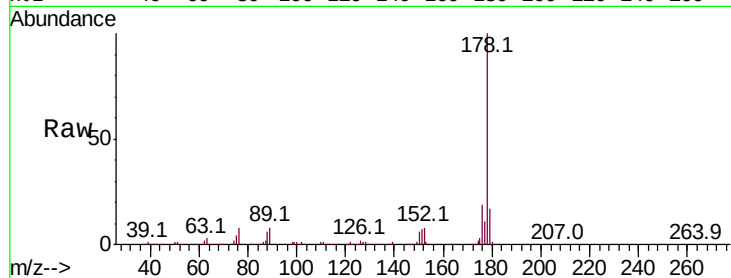




#71
 Anthracene
 Concen: 39.878 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

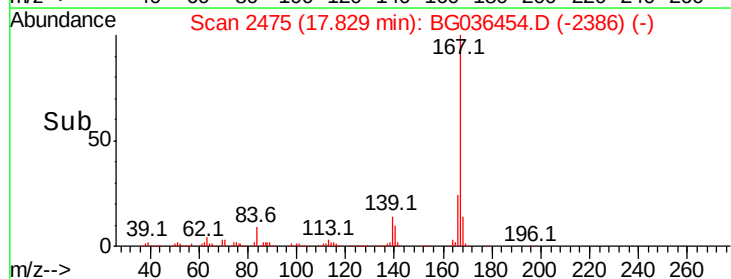
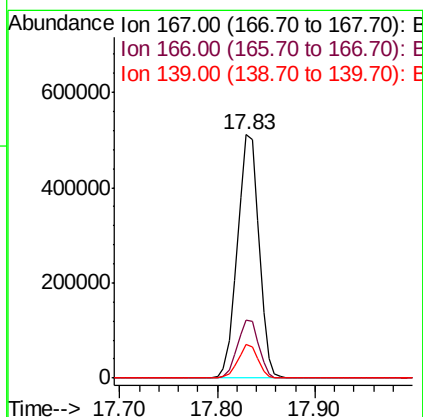
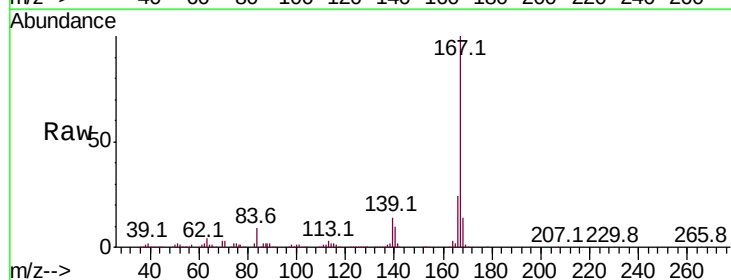
Instrument :
 BNA_G
 ClientSampleId :

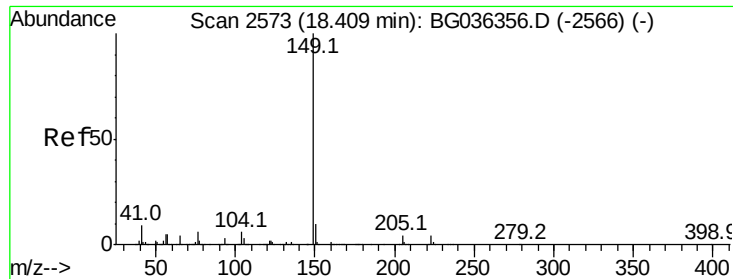
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.7	13.0	19.4



#72
 Carbazole
 Concen: 36.689 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.5	29.3
139	14.1	10.7	16.1





#73

Di-n-butylphthalate

Concen: 37.819 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG036454.D

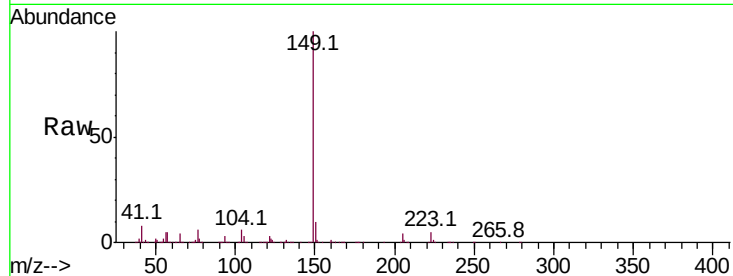
Acq: 28 Aug 2018 7:03

Instrument :

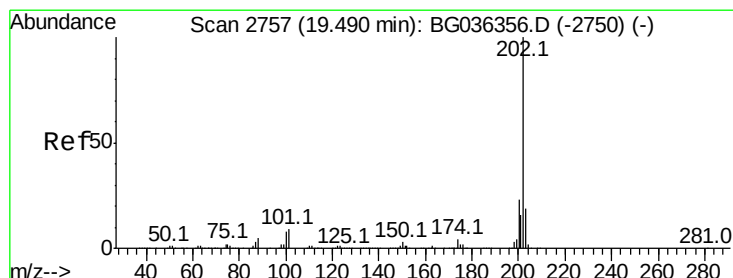
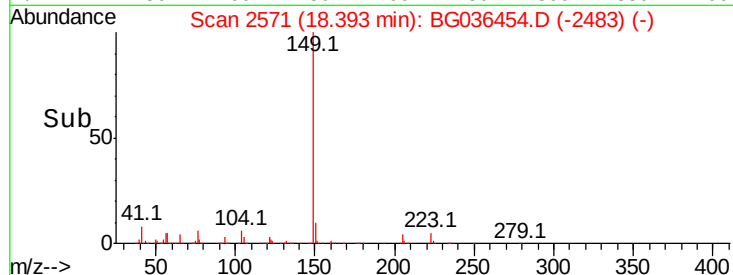
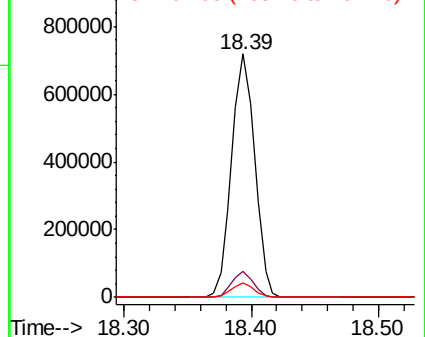
BNA_G

ClientSampleId :

Tot Ion:149	Resp:	906248
Ion Ratio	Lower	Upper
149	100	
150	10.5	8.1 12.1
104	6.0	4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.464 ng

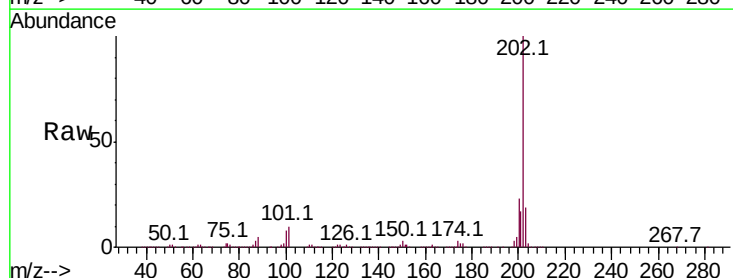
RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

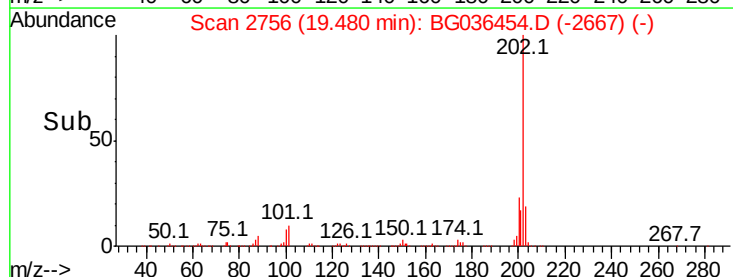
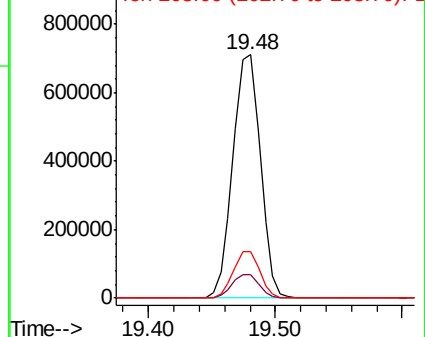
Lab File: BG036454.D

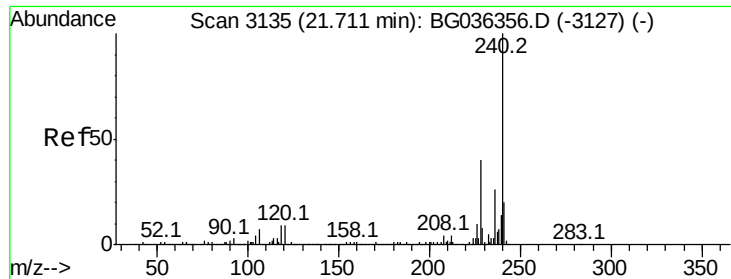
Acq: 28 Aug 2018 7:03

Tgt Ion:202	Resp:	1066402
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 29.4
203	18.9	0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

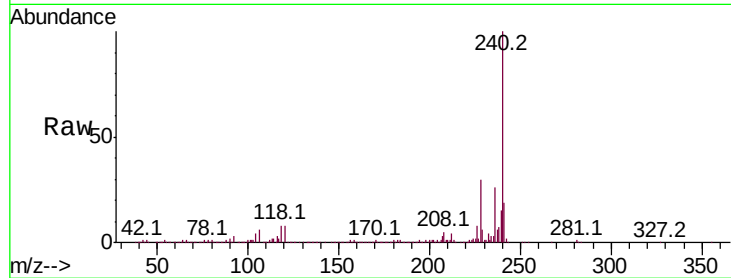
Tot Ion:240 Resp: 437725

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

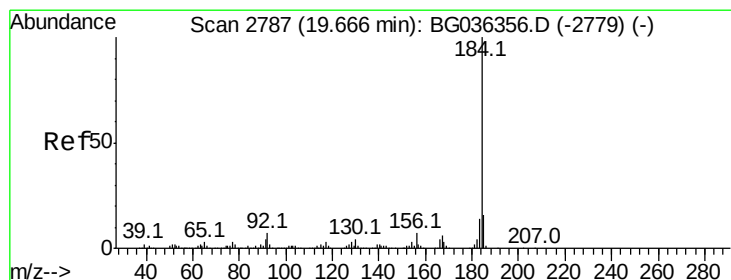
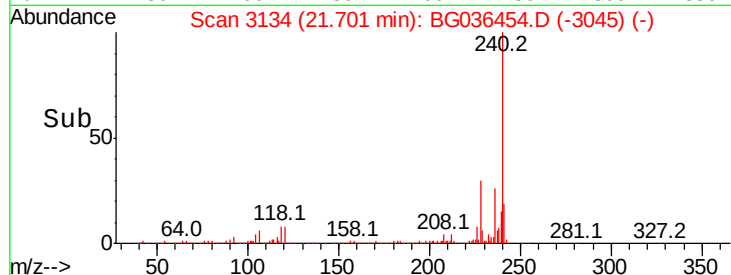
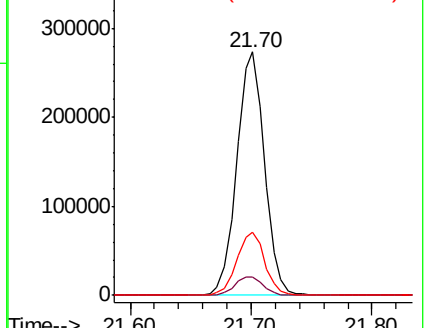
236 26.1 21.2 31.8



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: 8.735 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

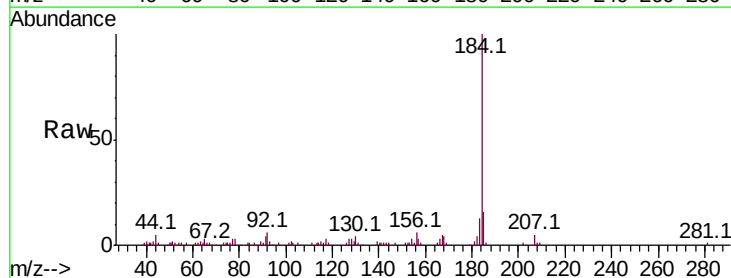
Tgt Ion:184 Resp: 121984

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

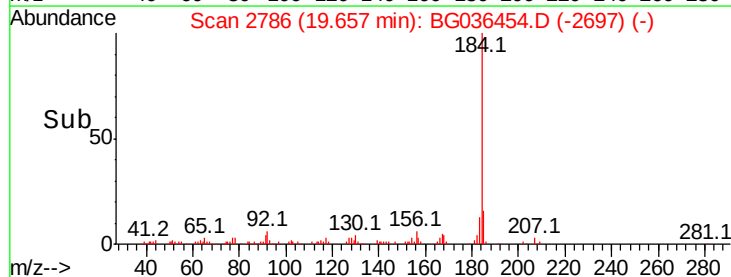
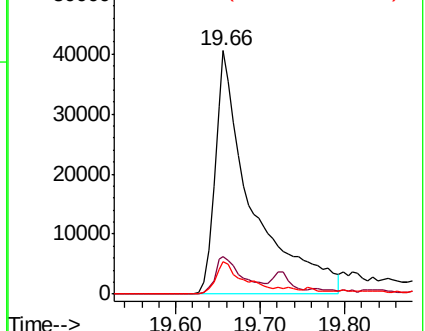
183 13.1 10.9 16.3

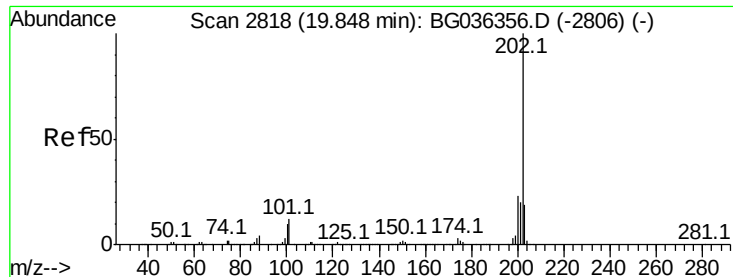


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.470 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

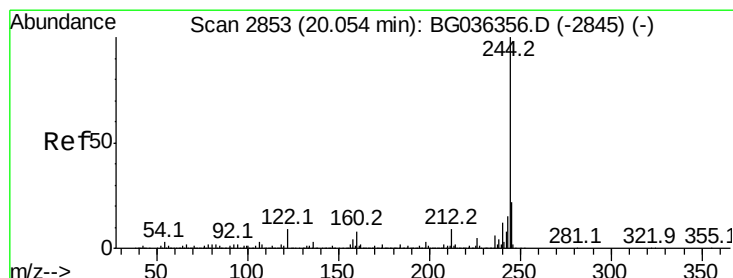
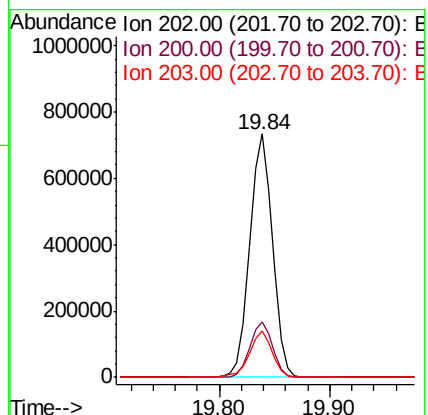
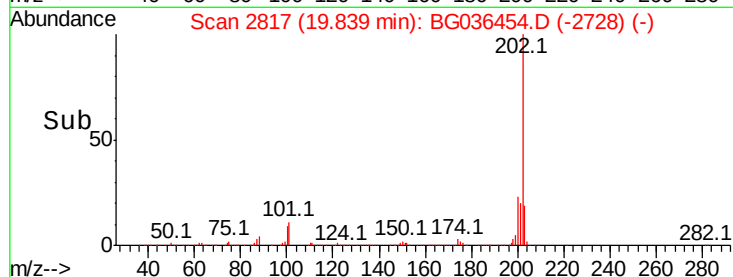
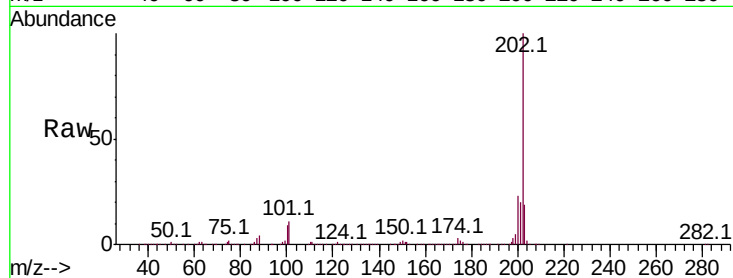
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1062426

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.3	27.5
203	19.1	15.1	22.7



#78

Terphenyl-d14

Concen: 81.967 ng

RT: 20.04 min Scan# 2851

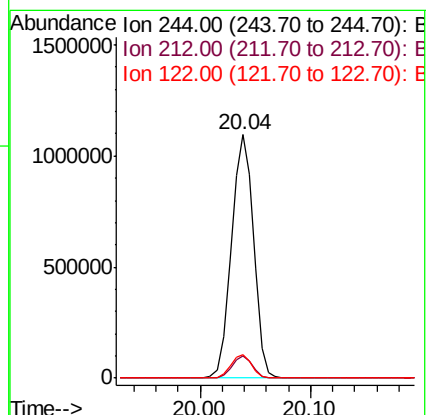
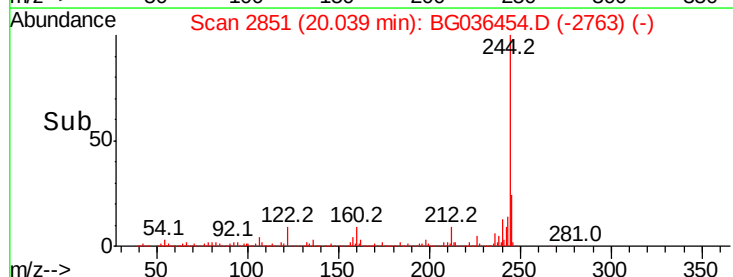
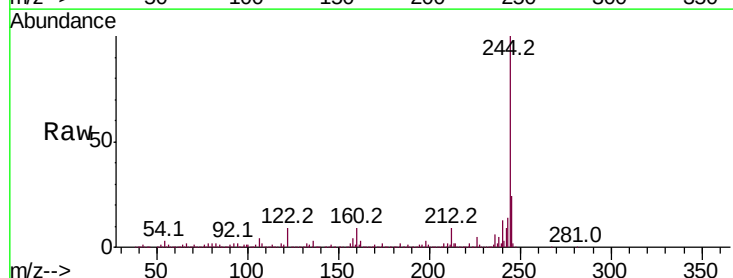
Delta R.T. -0.02 min

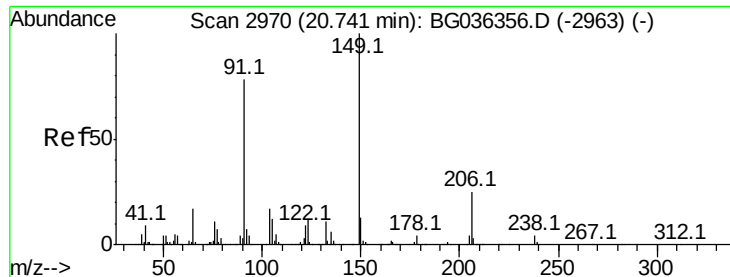
Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Tgt Ion:244 Resp: 1535040

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.4	7.1	10.7

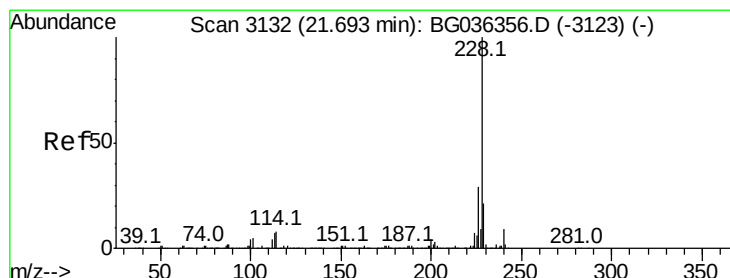
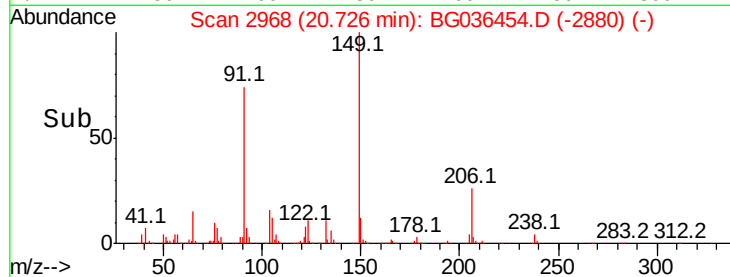
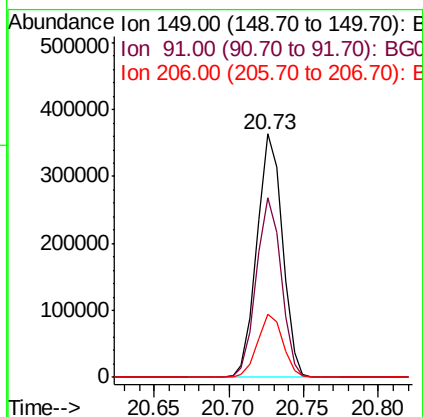
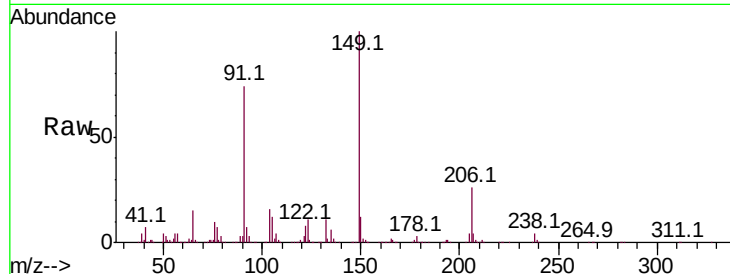




#79
 Butylbenzylphthalate
 Concen: 39.895 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

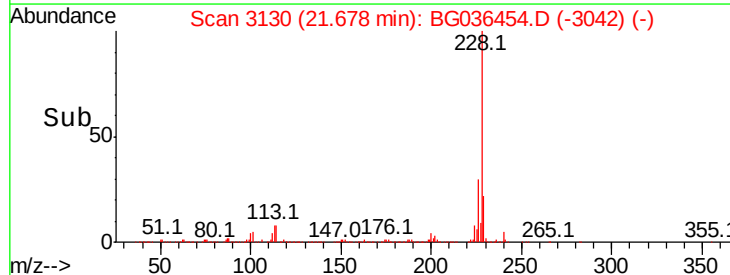
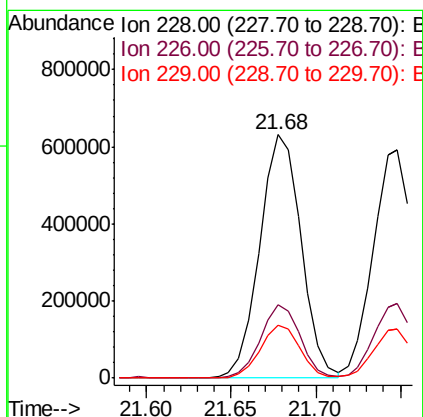
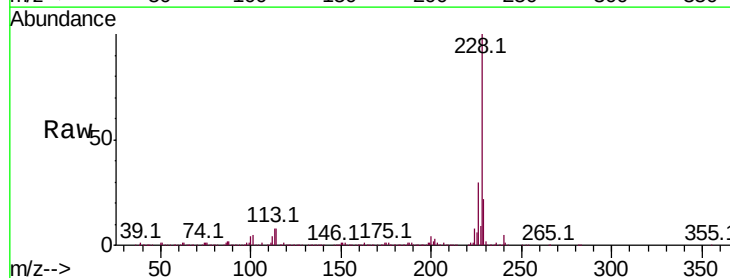
Instrument :
 BNA_G
 ClientSampleId :

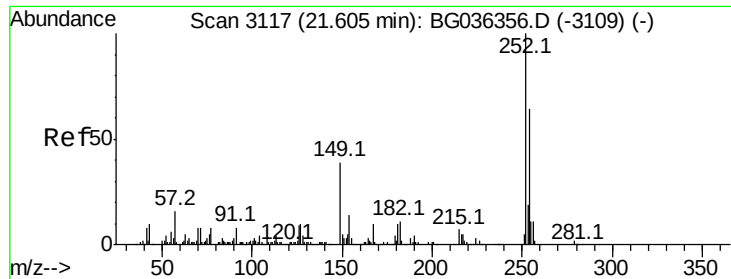
Tot Ion:149 Resp: 427371
 Ion Ratio Lower Upper
 149 100
 91 73.5 62.0 93.0
 206 25.7 19.6 29.4



#80
 Benzo(a)anthracene
 Concen: 40.489 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion:228 Resp: 1073690
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.4 35.2
 229 21.9 17.1 25.7

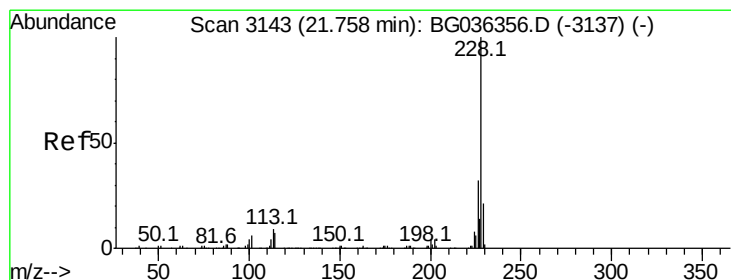
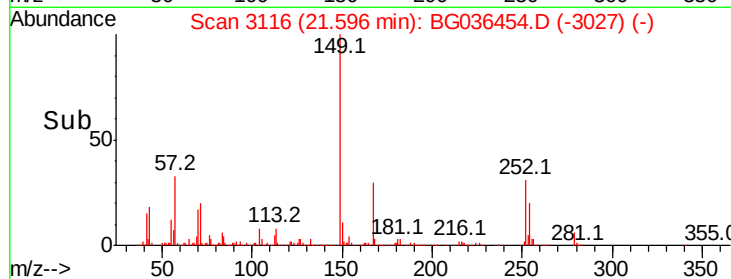
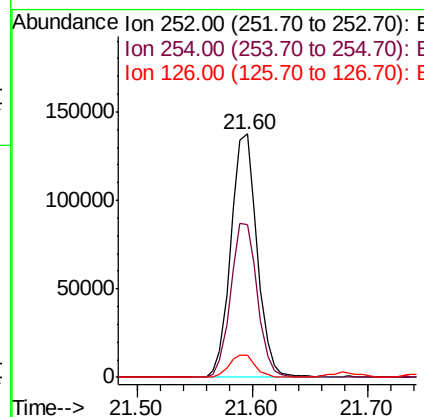
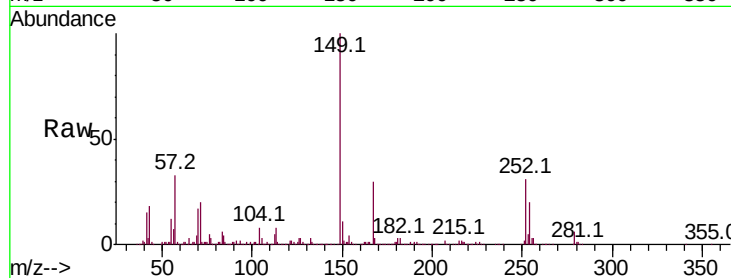




#81
 3,3'-Dichlorobenzidine
 Concen: 20.486 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

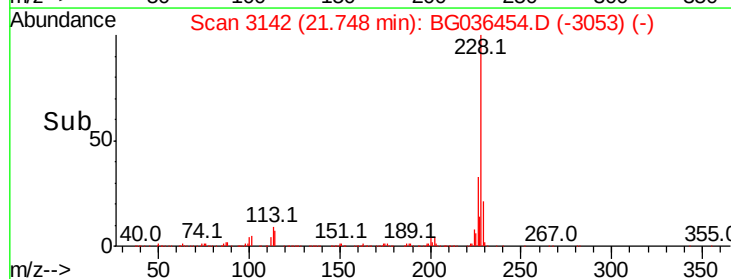
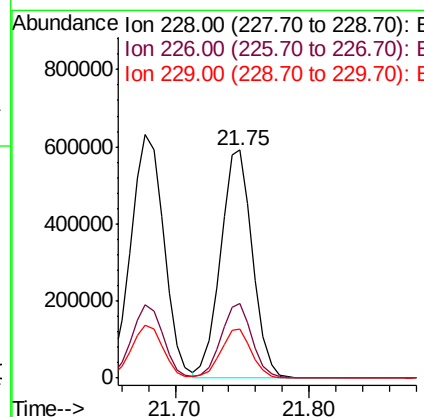
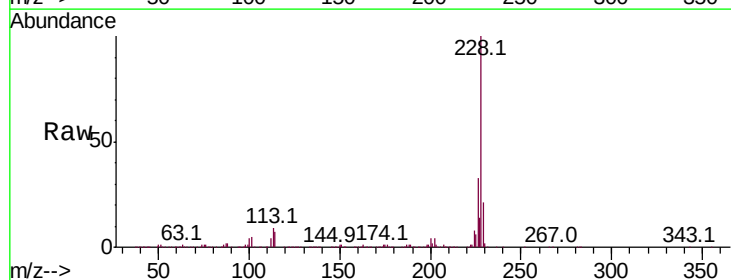
Instrument :
 BNA_G
 ClientSampleId :

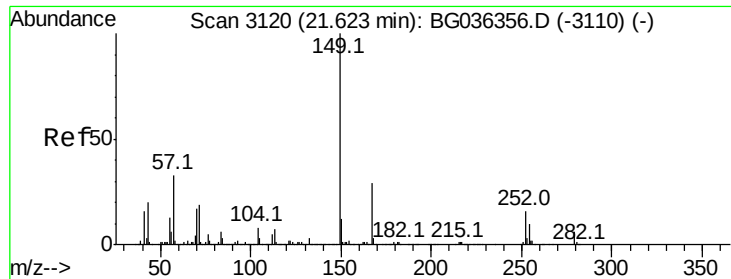
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.0	76.4
126	8.9	7.4	11.0



#82
 Chrysene
 Concen: 39.392 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.5	38.3
229	21.3	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.048 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampled :

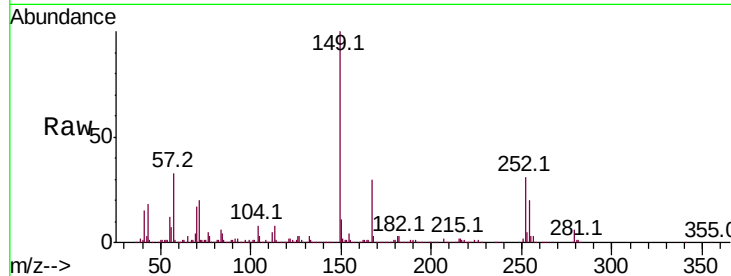
Tot Ion:149 Resp: 585341

Ion Ratio Lower Upper

149 100

167 29.6 23.4 35.0

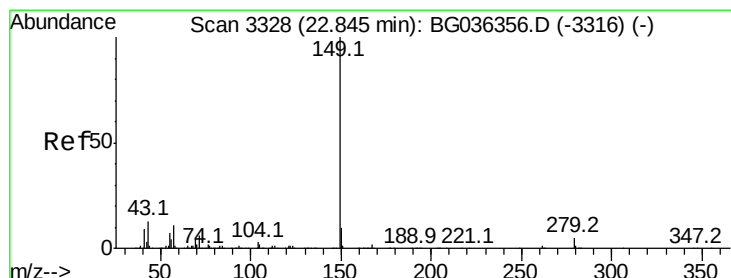
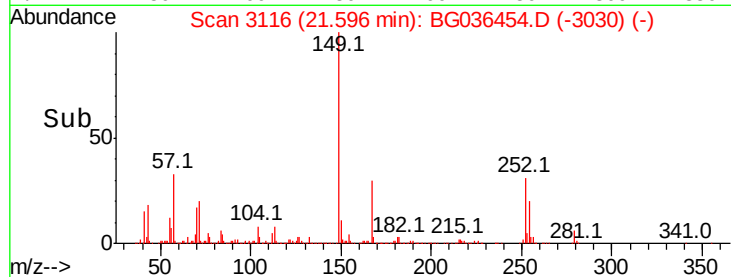
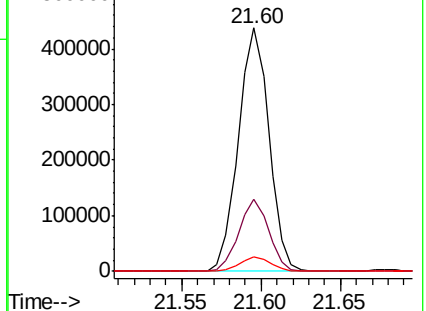
279 5.9 4.6 7.0



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: 39.692 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.03 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

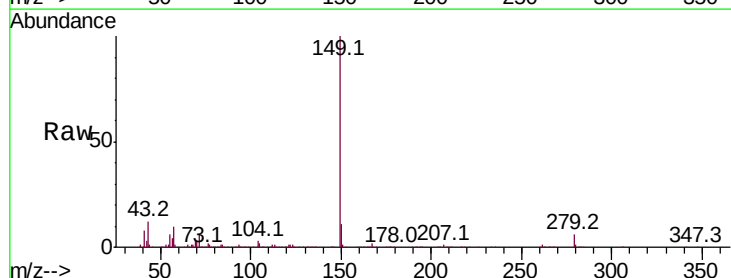
Tgt Ion:149 Resp: 993841

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

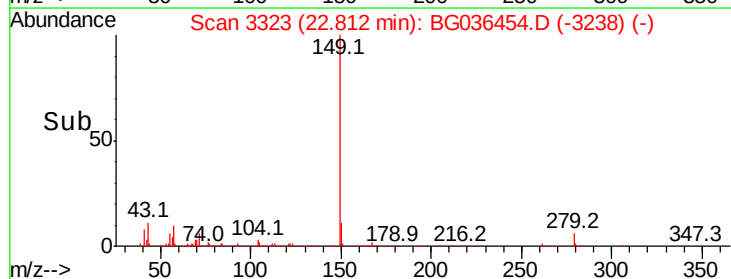
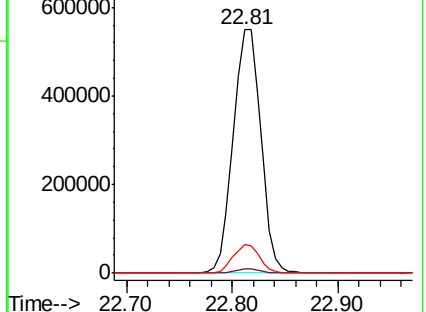
43 11.0 10.0 15.0

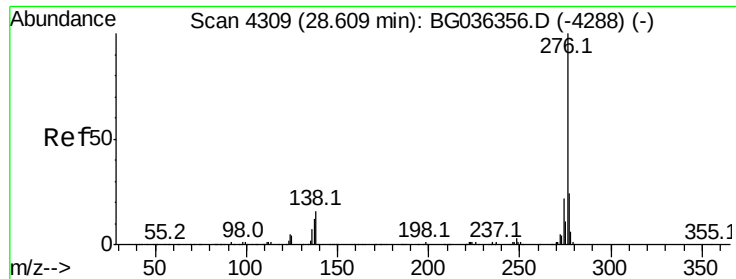


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



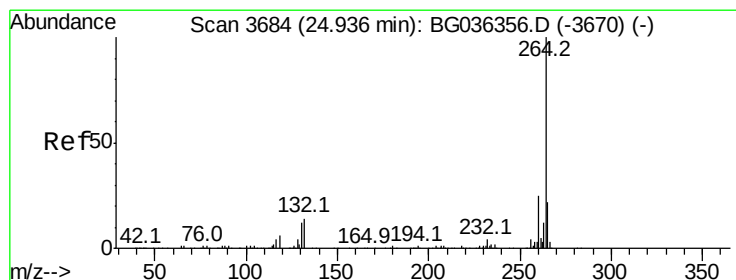
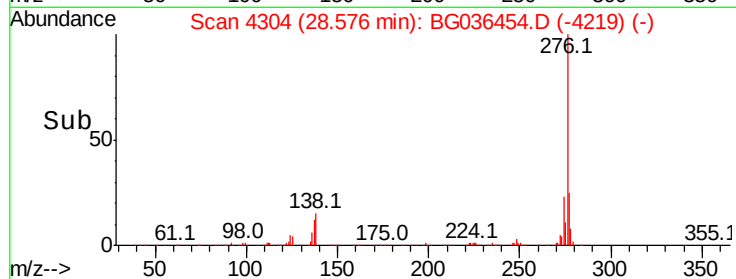
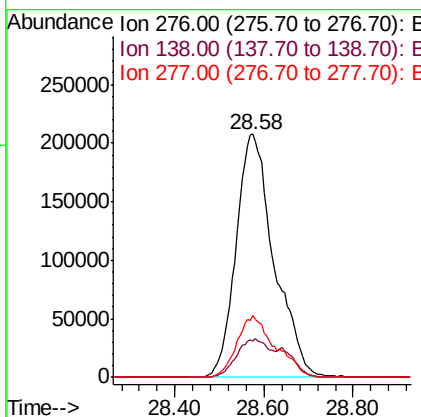
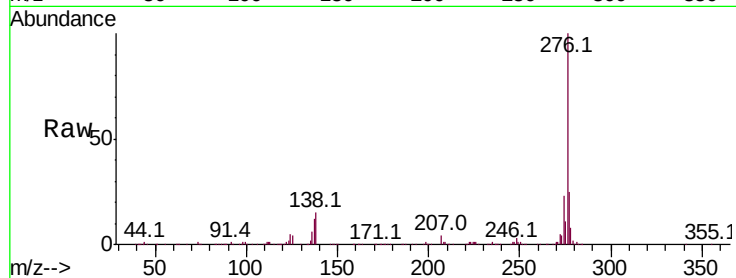


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.863 ng
 RT: 28.58 min Scan# 4304
 Delta R.T. -0.03 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1222182

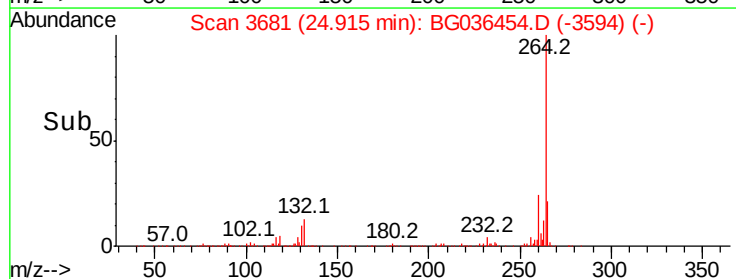
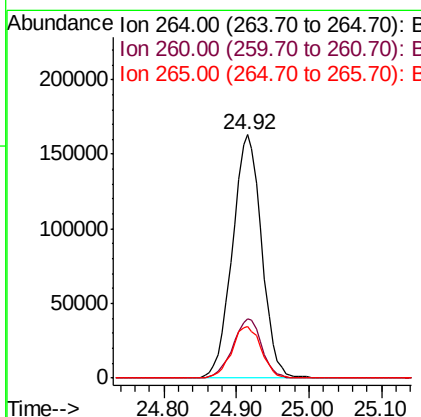
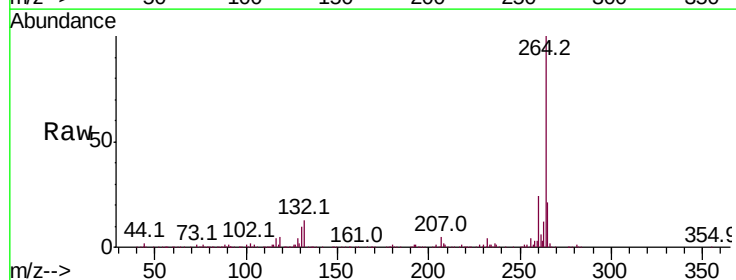
Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.6	15.8
277	25.6	20.6	30.8

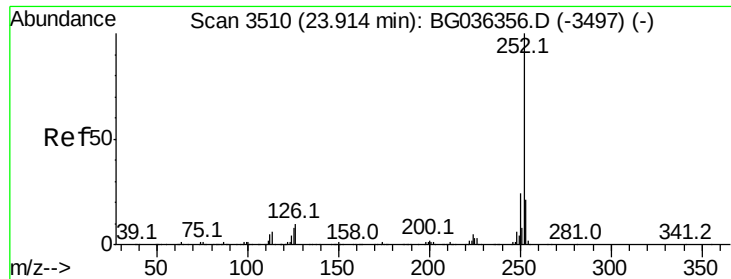


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036454.D
 Acq: 28 Aug 2018 7:03

Tgt Ion:264 Resp: 454523

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.072 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

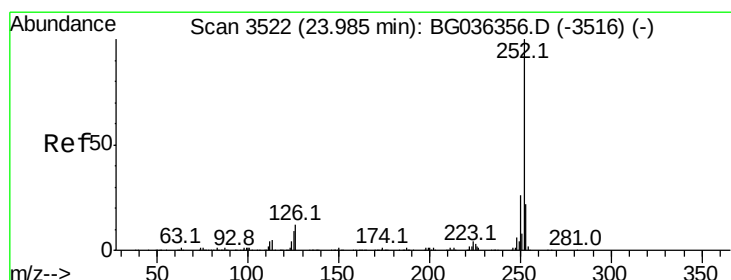
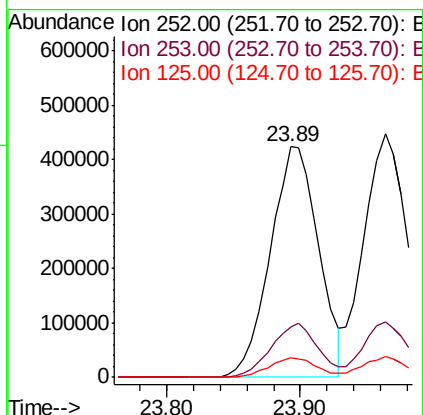
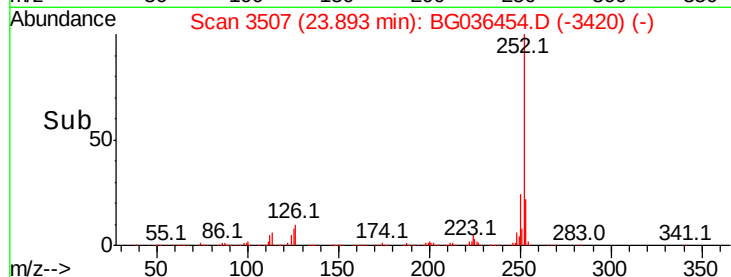
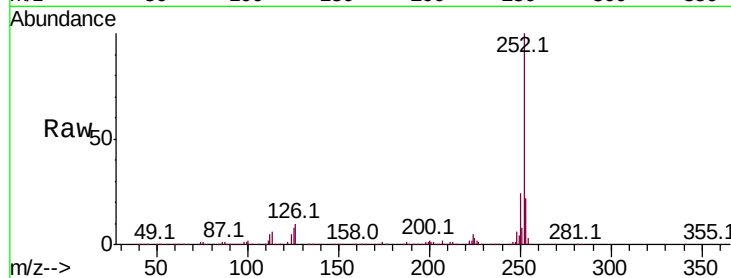
Tot Ion:252 Resp: 1061876

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.3 6.6 10.0



#88

Benzo(k)fluoranthene

Concen: 41.538 ng

RT: 23.96 min Scan# 3519

Delta R.T. -0.02 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

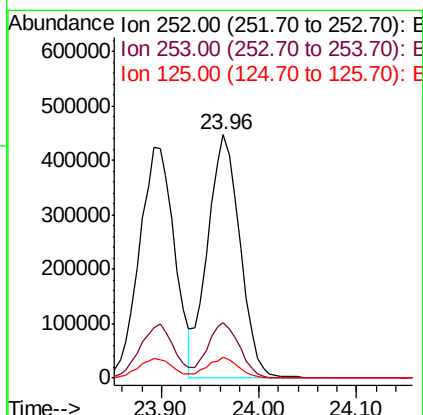
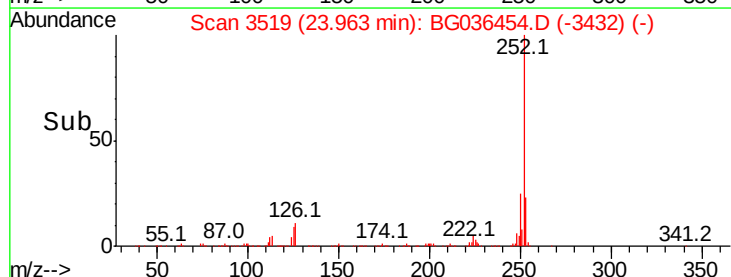
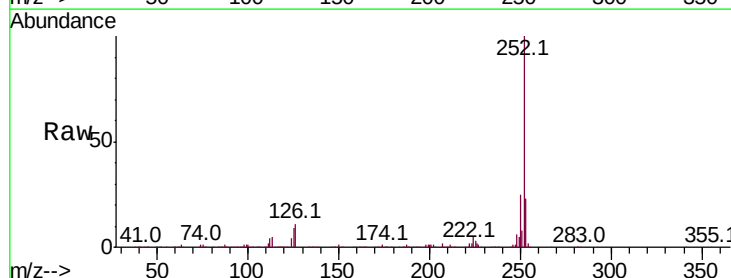
Tgt Ion:252 Resp: 1024247

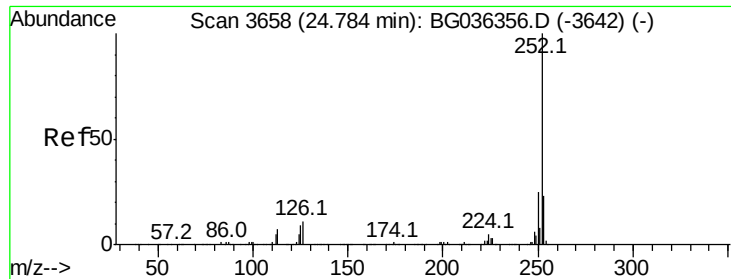
Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 8.6 7.0 10.6

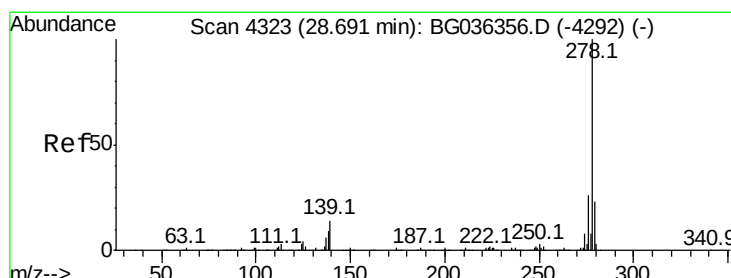
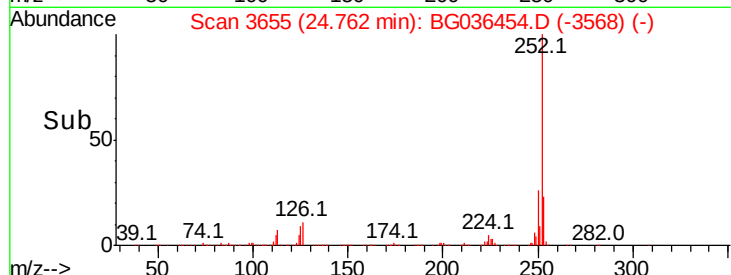
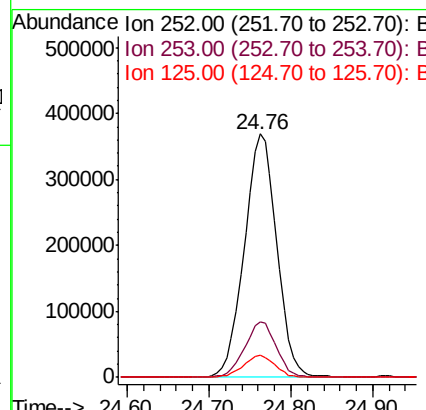
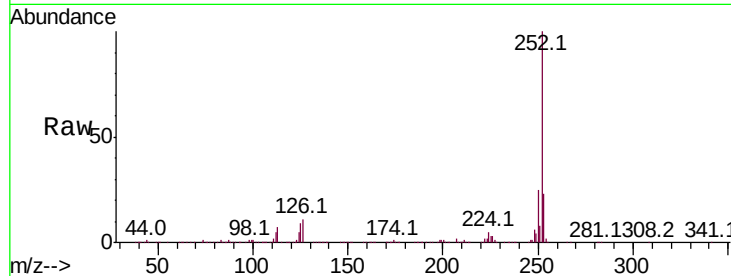




#89
Benzo(a)pyrene
Concen: 41.797 ng
RT: 24.76 min Scan# 3655
Delta R.T. -0.02 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

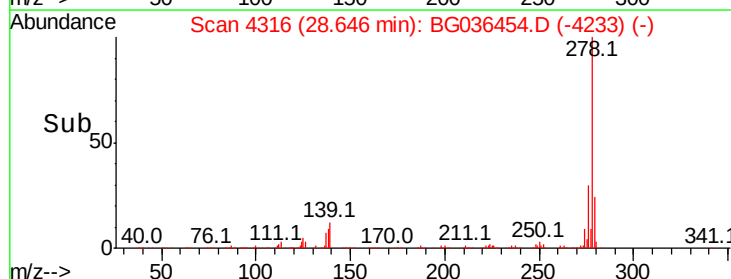
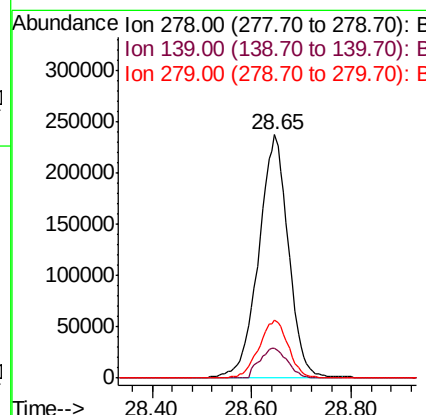
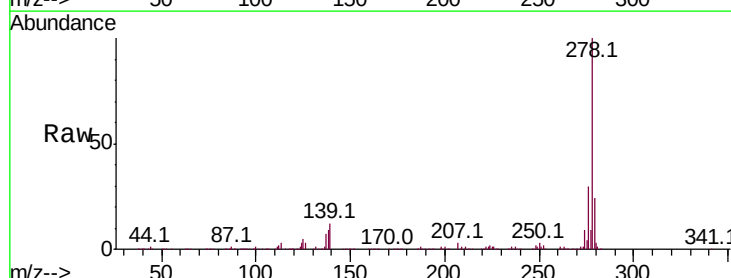
Instrument :
BNA_G
ClientSampled :

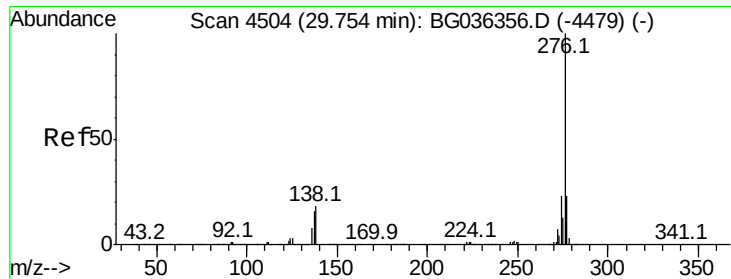
Tot Ion:252 Resp: 1013737
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.3 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 42.131 ng
RT: 28.65 min Scan# 4316
Delta R.T. -0.04 min
Lab File: BG036454.D
Acq: 28 Aug 2018 7:03

Tgt Ion:278 Resp: 986462
Ion Ratio Lower Upper
278 100
139 12.2 11.0 16.4
279 24.0 18.7 28.1





#91

Benzo(a,h,i)perylene

Concen: 43.006 ng

RT: 29.72 min Scan# 4498

Delta R.T. -0.04 min

Lab File: BG036454.D

Acq: 28 Aug 2018 7:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1011911

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 15.5 14.6 22.0

