

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036539.D
 Acq On : 4 Sep 2018 19:46
 Operator : JU/SJ
 Sample : PB112577BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:29:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63477	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	260024	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168987	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	429081	20.00	ng	0.00
75) Chrysene-d12	21.70	240	451289	20.00	ng	0.00
86) Perylene-d12	24.90	264	474260	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	495376	123.79	ng	0.00
7) Phenol-d6	7.22	99	693475	121.04	ng	0.00
23) Nitrobenzene-d5	9.22	82	413160	86.21	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	288130	142.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	951569	80.40	ng	0.00
78) Terphenyl-d14	20.03	244	1631946	84.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	59318	31.763	ng	99
3) Pyridine	3.93	79	180444	34.423	ng	97
4) n-Nitrosodimethylamine	3.85	42	98614	42.237	ng	98
6) Aniline	7.38	93	258646	35.566	ng	98
8) 2-Chlorophenol	7.63	128	191415	44.110	ng	99
9) Benzaldehyde	7.20	77	92610	23.473	ng	100
10) Phenol	7.24	94	267003	44.533	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	184084	38.728	ng	99
12) 1,3-Dichlorobenzene	7.95	146	196765	39.710	ng	100
13) 1,4-Dichlorobenzene	8.10	146	196548	39.288	ng	100
14) 1,2-Dichlorobenzene	8.41	146	189280	39.617	ng	97
15) Benzyl Alcohol	8.29	79	194812	42.180	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	359432	37.496	ng	99
17) 2-Methylphenol	8.49	107	178888	44.934	ng	98
18) Hexachloroethane	9.14	117	71337	39.772	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	158180	36.942	ng	95
20) 3+4-Methylphenols	8.82	107	245889	44.239	ng	97
22) Acetophenone	8.88	105	298205	43.673	ng	# 98
24) Nitrobenzene	9.26	77	234586	45.393	ng	98
25) Isophorone	9.79	82	446752	46.925	ng	98
26) 2-Nitrophenol	9.98	139	98260	47.982	ng	96
27) 2,4-Dimethylphenol	10.03	122	200648	52.922	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	260292	44.548	ng	98
29) 2,4-Dichlorophenol	10.51	162	208457	50.168	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	211291	43.468	ng	97
31) Naphthalene	10.92	128	605061	46.549	ng	99
32) Benzoic acid	10.16	122	113451	41.074	ng	96
33) 4-Chloroaniline	11.02	127	185887	31.208	ng	99
34) Hexachlorobutadiene	11.20	225	140004	42.868	ng	96
35) Caprolactam	11.79	113	51096	30.869	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	234158	48.499	ng	99
37) 2-Methylnaphthalene	12.51	142	474535	49.894	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	269610	45.083	ng	98
40) Hexachlorocyclopentadiene	12.86	237	338884	108.912	ng	100

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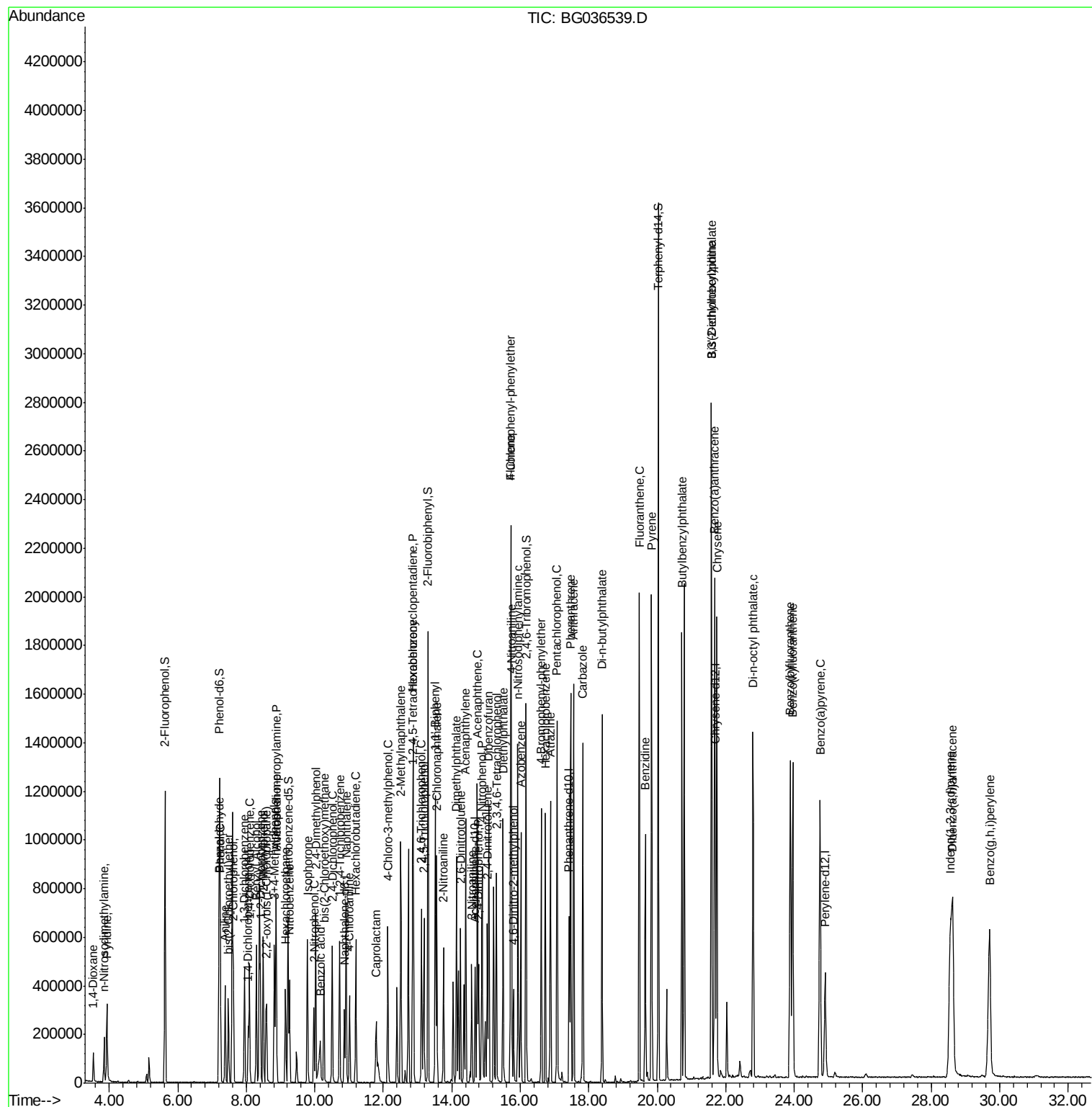
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	178107	48.892	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	195432	50.298	ng	97
45) 1,1'-Biphenyl	13.52	154	604876	43.121	ng	99
46) 2-Chloronaphthalene	13.56	162	463902	43.320	ng	98
47) 2-Nitroaniline	13.76	65	160351	47.685	ng	96
48) Acenaphthylene	14.41	152	792111	47.330	ng	100
49) Dimethylphthalate	14.14	163	616356	44.667	ng	98
50) 2,6-Dinitrotoluene	14.25	165	132757	46.755	ng	99
51) Acenaphthene	14.75	154	465602	43.440	ng	99
52) 3-Nitroaniline	14.58	138	115543	37.761	ng	99
53) 2,4-Dinitrophenol	14.79	184	114823	106.762	ng	97
54) Dibenzofuran	15.08	168	748473	44.573	ng	99
55) 4-Nitrophenol	14.89	139	237800	95.051	ng	99
56) 2,4-Dinitrotoluene	15.04	165	191505	51.750	ng	92
57) Fluorene	15.73	166	600907	47.869	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	196533	53.836	ng	97
59) Diethylphthalate	15.50	149	619477	44.547	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	343458	44.309	ng	98
61) 4-Nitroaniline	15.75	138	159297	49.751	ng	98
62) Azobenzene	16.02	77	615294	43.486	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	94868	50.331	ng	98
65) n-Nitrosodiphenylamine	15.93	169	556935	43.683	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	228251	45.435	ng	96
67) Hexachlorobenzene	16.73	284	231687	45.103	ng	96
68) Atrazine	16.88	200	234731	49.050	ng	99
69) Pentachlorophenol	17.07	266	287812	82.439	ng	99
70) Phenanthrene	17.47	178	1039207	47.664	ng	99
71) Anthracene	17.56	178	1048553	48.246	ng	98
72) Carbazole	17.82	167	947755	43.665	ng	100
73) Di-n-butylphthalate	18.39	149	1080772	44.715	ng	99
74) Fluoranthene	19.48	202	1294962	48.715	ng	99
76) Benzidine	19.65	184	609950	42.363	ng	99
77) Pyrene	19.83	202	1275174	45.950	ng	98
79) Butylbenzylphthalate	20.72	149	512528	46.406	ng	94
80) Benzo(a)anthracene	21.67	228	1297668	47.464	ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	348769	32.009	ng	99
82) Chrysene	21.74	228	1218443	47.018	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	696177	45.046	ng	98
84) Di-n-octyl phthalate	22.80	149	1199022	46.448	ng	98
85) Indeno(1,2,3-cd)pyrene	28.57	276	1494220	49.643	ng	# 95
87) Benzo(b)fluoranthene	23.89	252	1309032	49.706	ng	97
88) Benzo(k)fluoranthene	23.96	252	1278397	49.687	ng	99
89) Benzo(a)pyrene	24.76	252	1276440	50.439	ng	99
90) Dibenzo(a,h)anthracene	28.63	278	1201416	49.176	ng	98
91) Benzo(g,h,i)perylene	29.71	276	1242764	50.619	ng	96

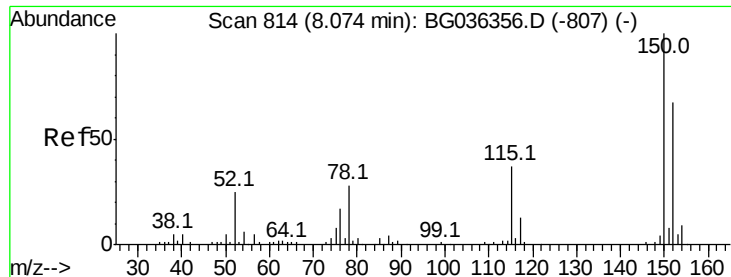
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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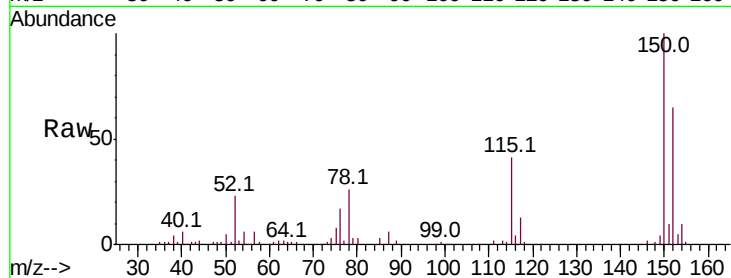


#1

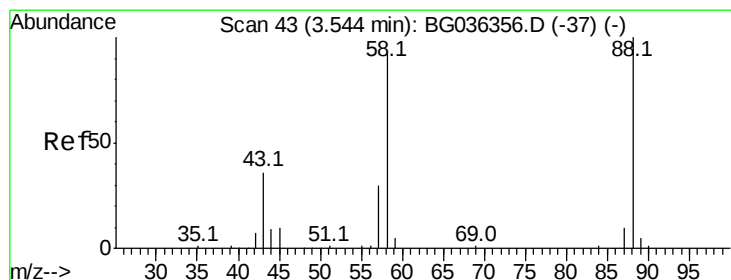
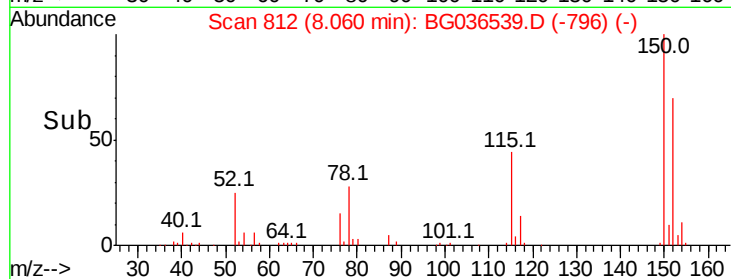
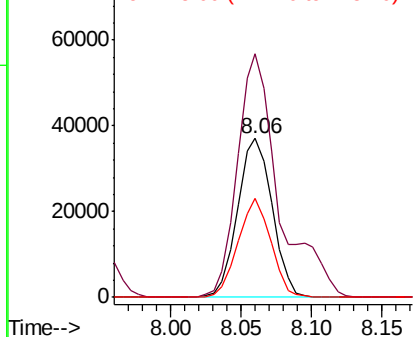
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63477
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 62.2 44.5 66.7



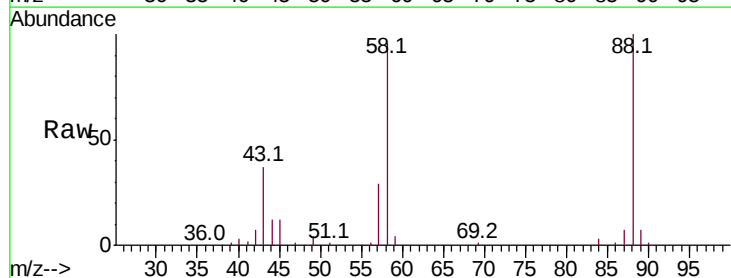
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



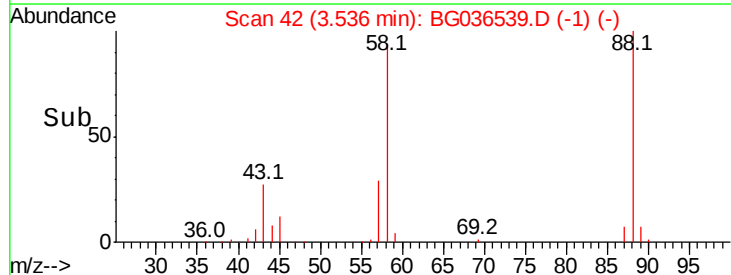
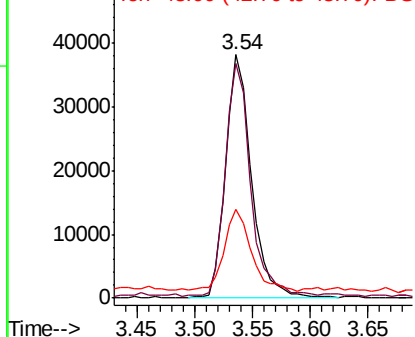
#2

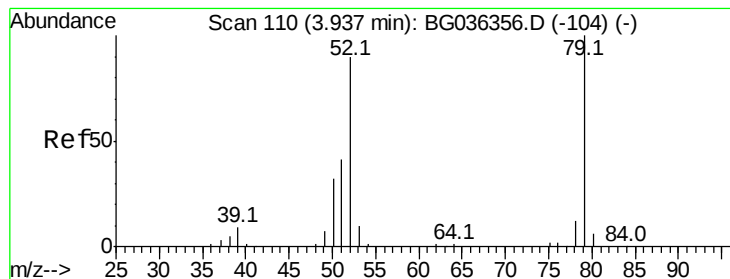
1,4-Dioxane
Concen: 31.763 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 88 Resp: 59318
Ion Ratio Lower Upper
88 100
58 91.8 72.6 109.0
43 35.0 29.0 43.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.423 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

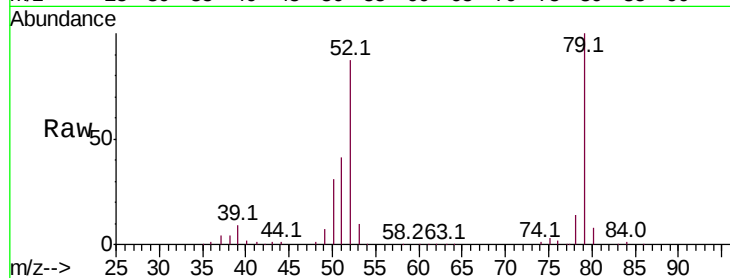
Tot Ion: 79 Resp: 180444

Ion Ratio Lower Upper

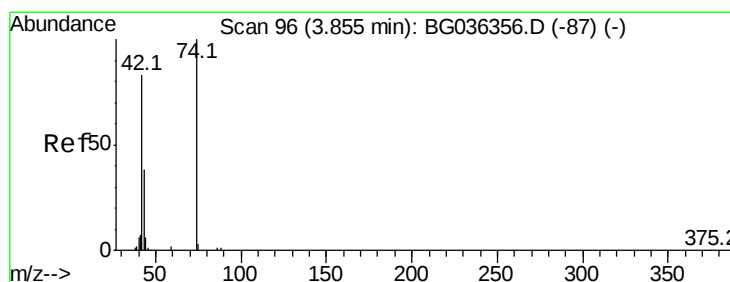
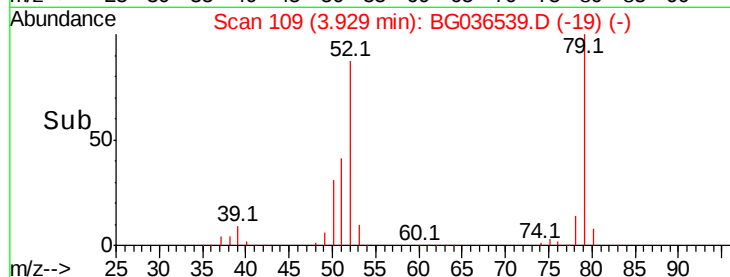
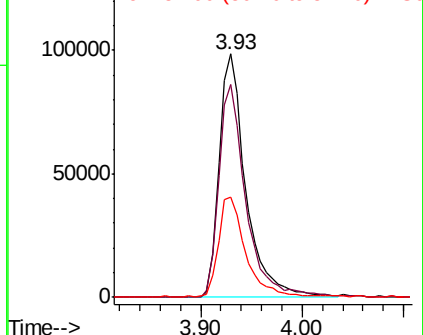
79 100

52 87.5 72.3 108.5

51 41.3 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: 42.237 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

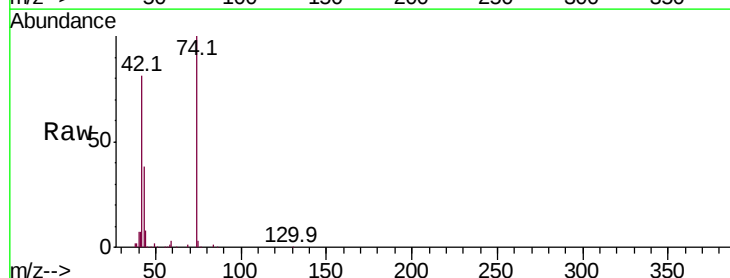
Tgt Ion: 42 Resp: 98614

Ion Ratio Lower Upper

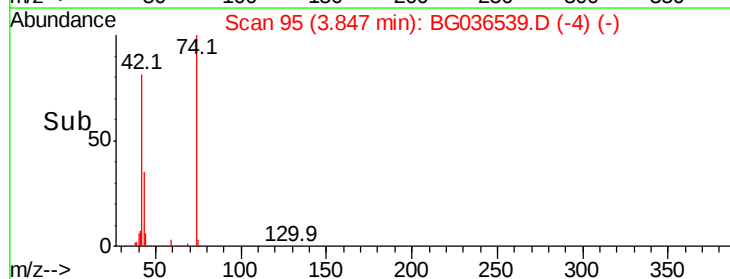
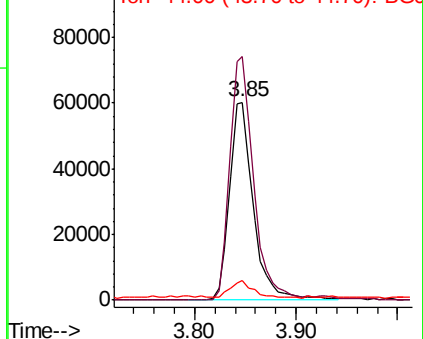
42 100

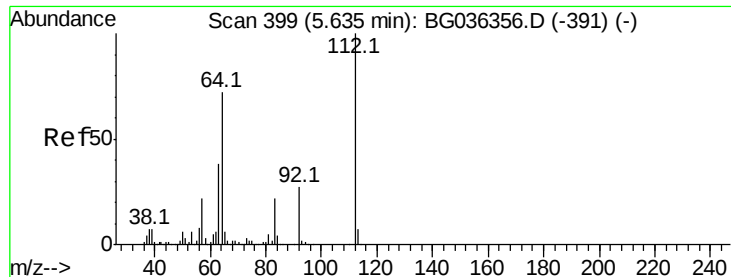
74 122.9 96.6 145.0

44 9.6 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: 123.795 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

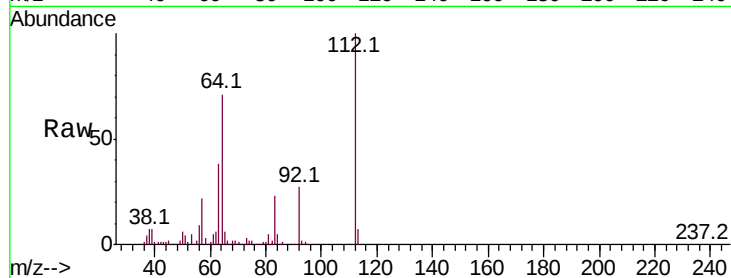
Tot Ion:112 Resp: 495376

Ion Ratio Lower Upper

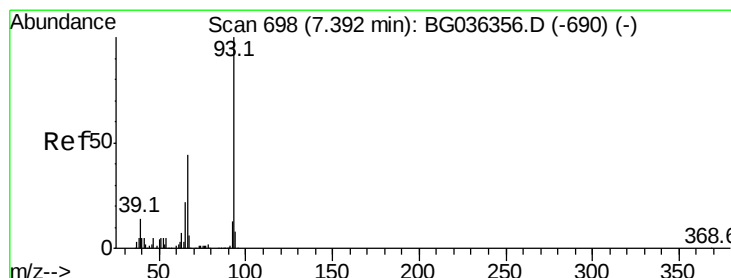
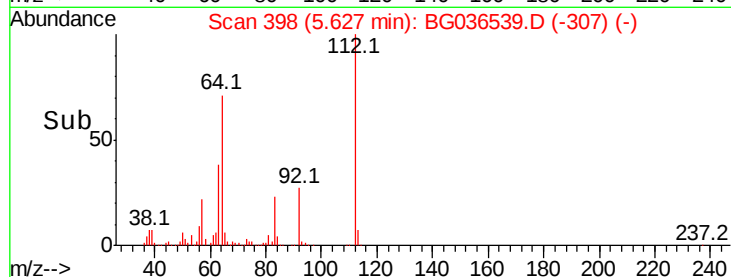
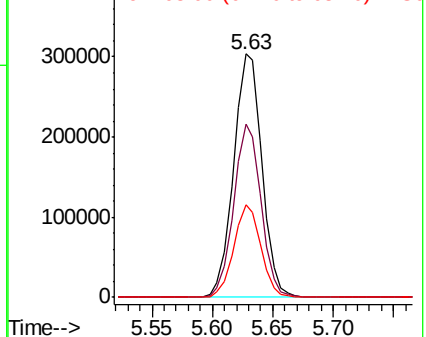
112 100

64 71.3 57.2 85.8

63 38.1 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.566 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

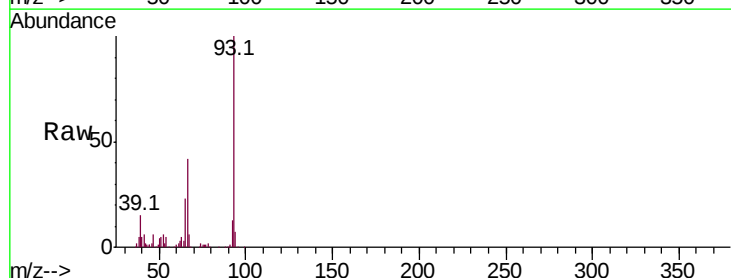
Tgt Ion: 93 Resp: 258646

Ion Ratio Lower Upper

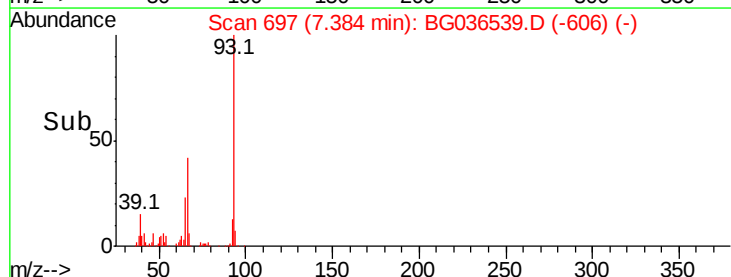
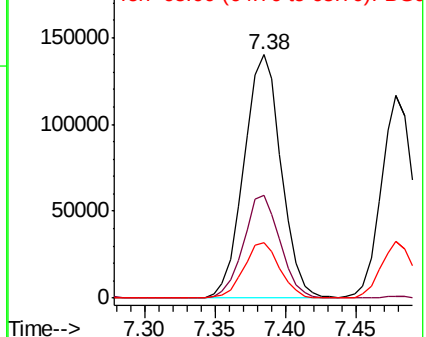
93 100

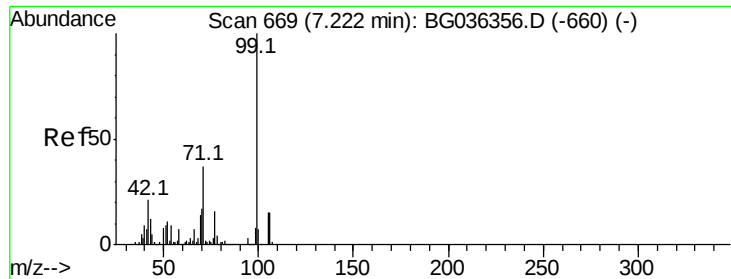
66 42.4 35.0 52.4

65 22.7 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: 121.040 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036539.D

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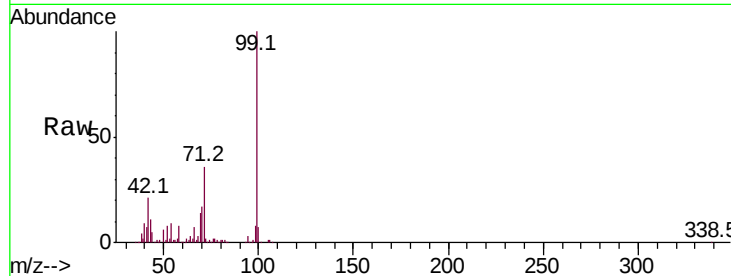
Tot Ion: 99 Resp: 693475

Ion Ratio Lower Upper

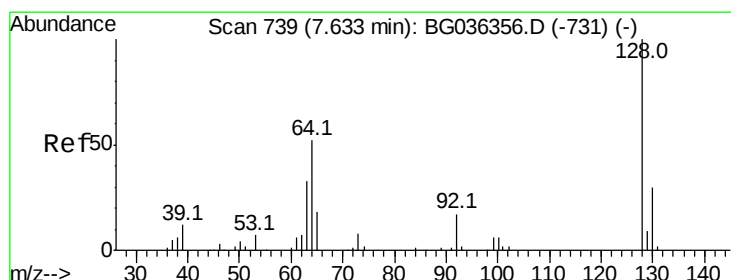
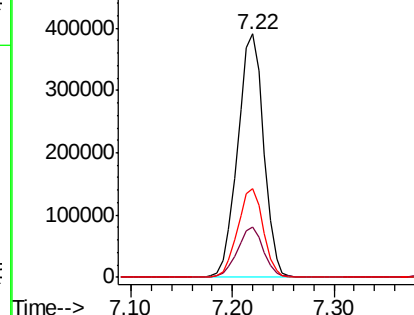
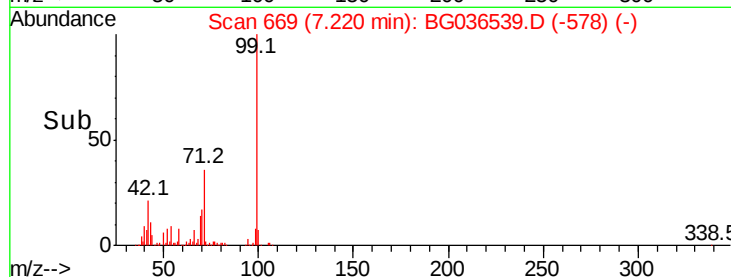
99 100

42 20.7 16.5 24.7

71 36.3 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: 44.110 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

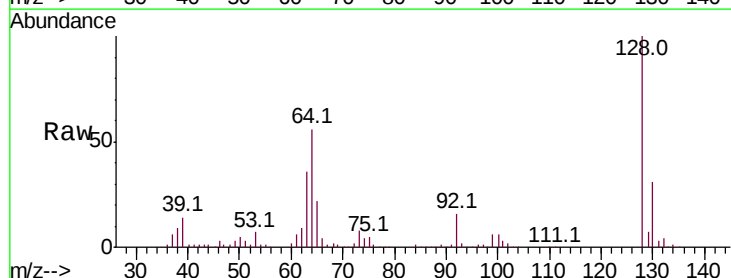
Tgt Ion: 128 Resp: 191415

Ion Ratio Lower Upper

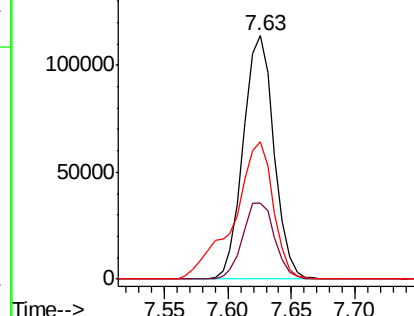
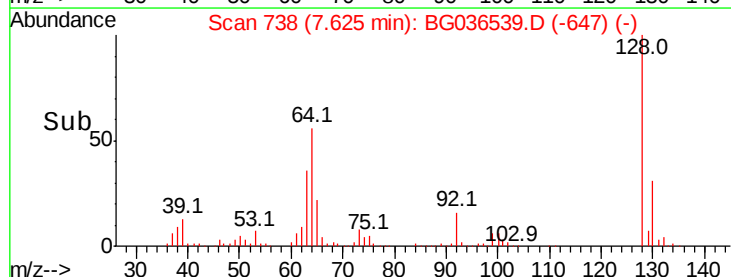
128 100

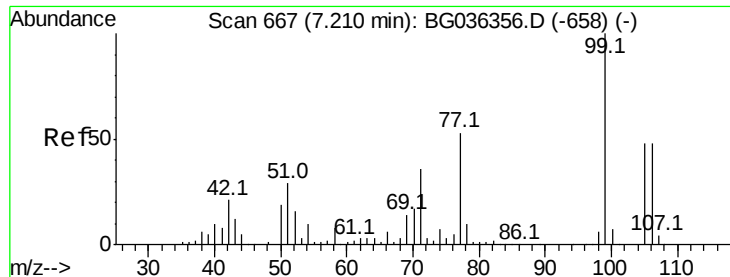
130 31.3 10.0 50.0

64 56.5 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: 23.473 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

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ClientSampleId :

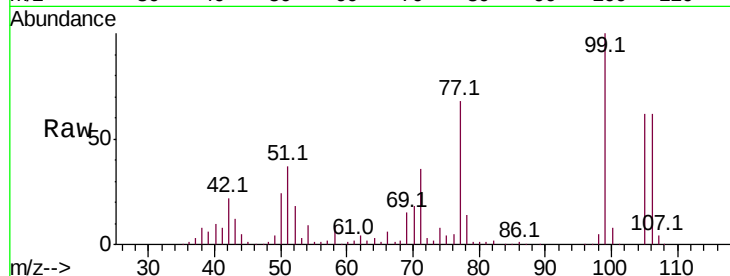
Tot Ion: 77 Resp: 92610

Ion Ratio Lower Upper

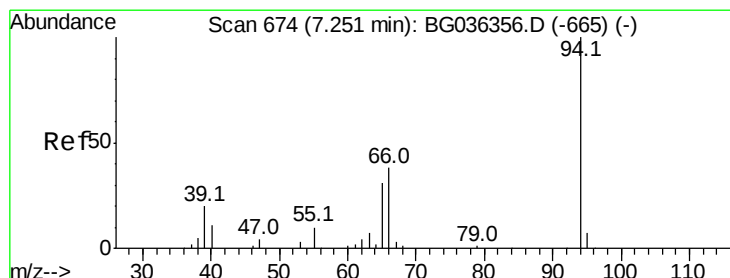
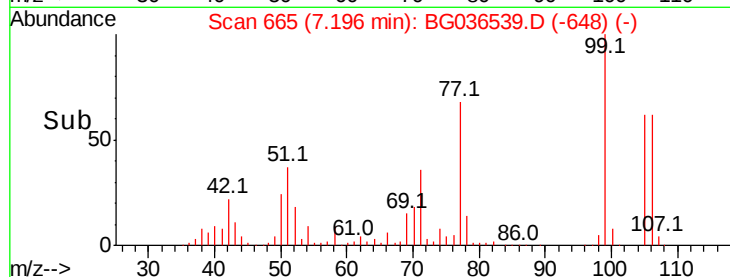
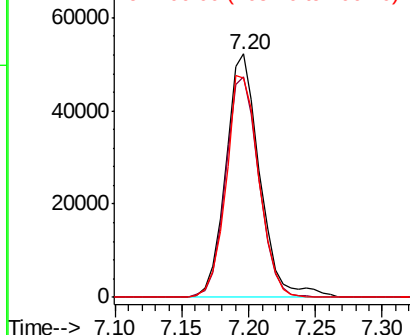
77 100

105 90.8 70.5 110.5

106 90.0 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: 44.533 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

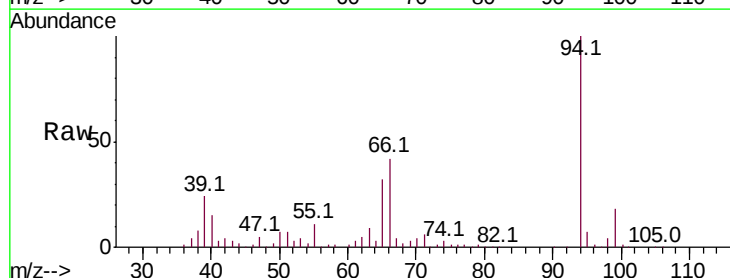
Tgt Ion: 94 Resp: 267003

Ion Ratio Lower Upper

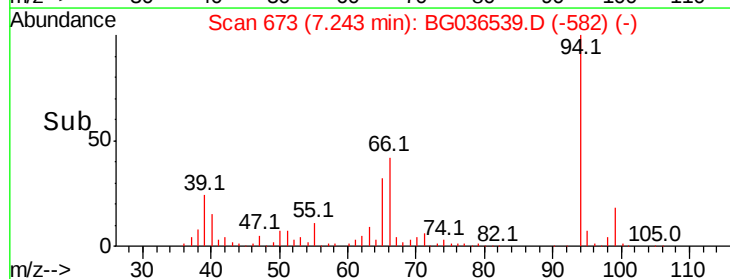
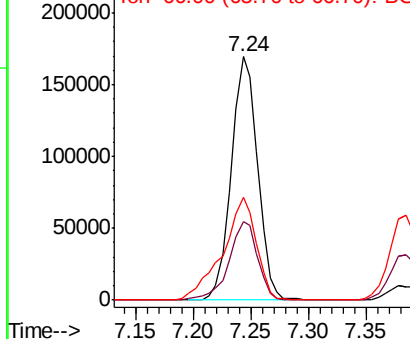
94 100

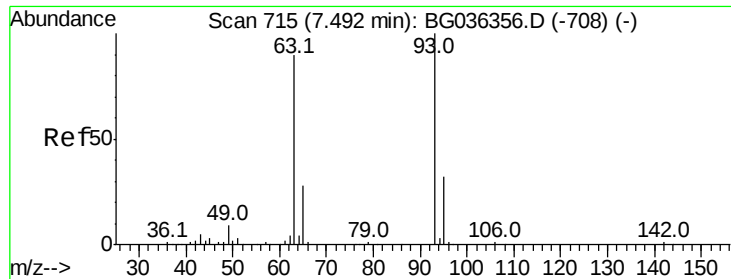
65 32.1 11.5 51.5

66 42.2 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

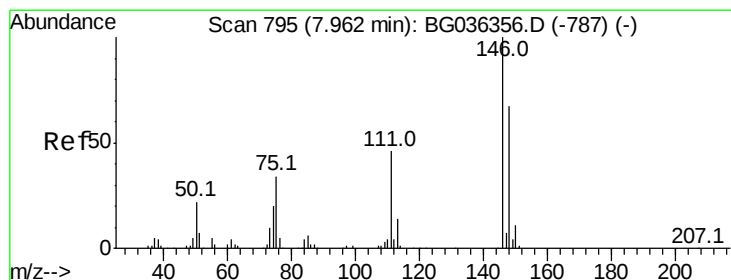
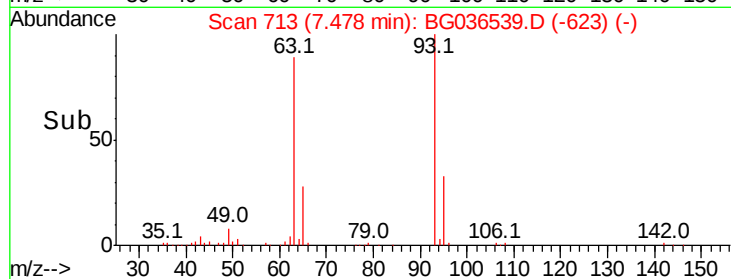
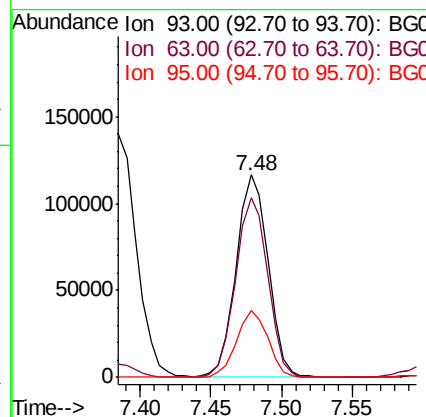
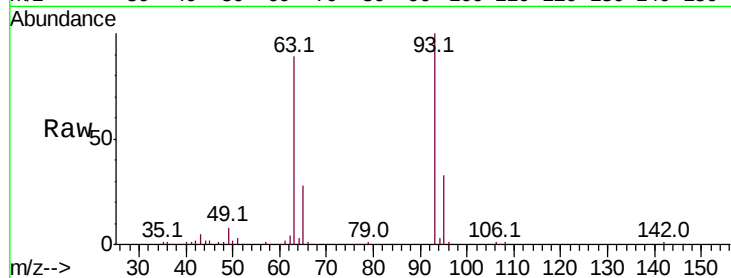




#11
 bis(2-Chloroethyl)ether
 Concen: 38.728 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

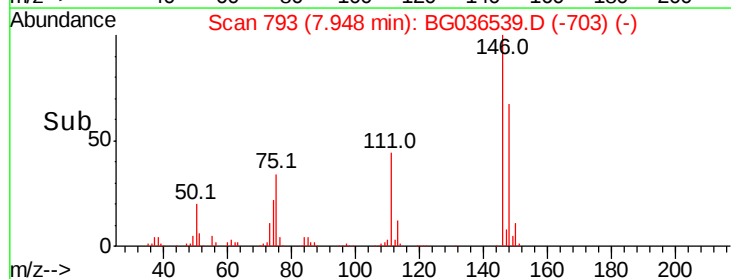
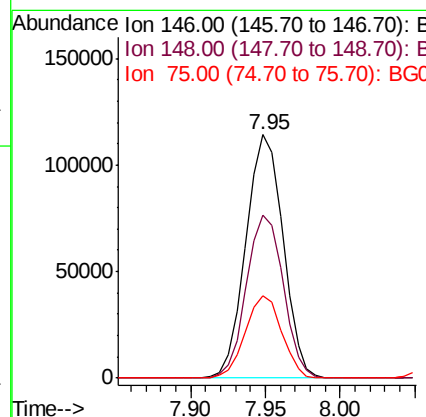
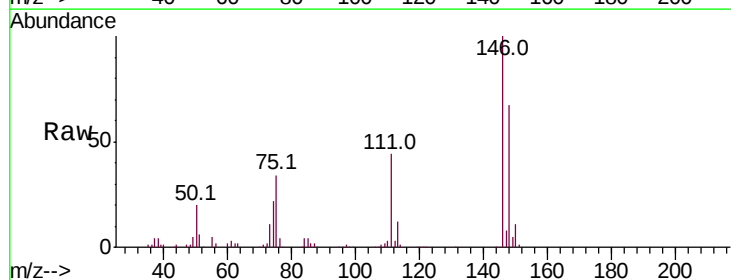
Instrument :
 BNA_G
 ClientSampleId :

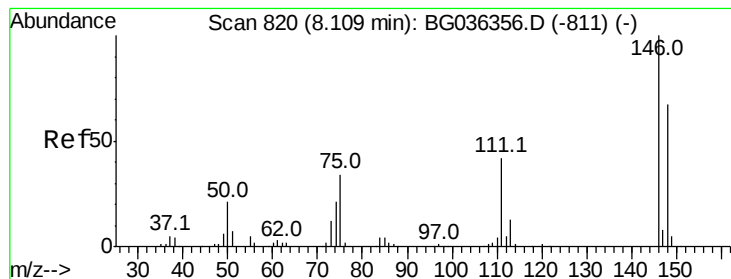
Tot Ion: 93 Resp: 184084
 Ion Ratio Lower Upper
 93 100
 63 89.1 69.9 109.9
 95 33.2 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.710 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion: 146 Resp: 196765
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.8 80.6
 75 33.6 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 39.288 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

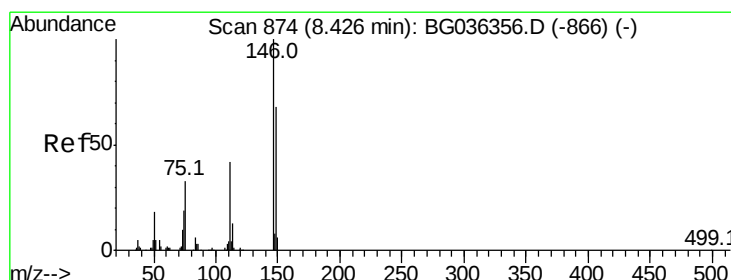
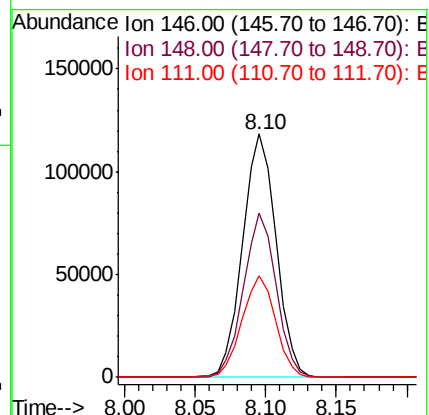
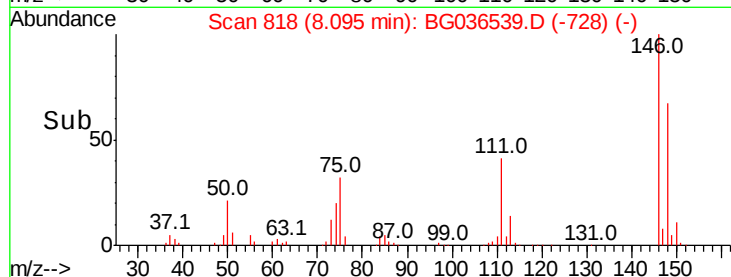
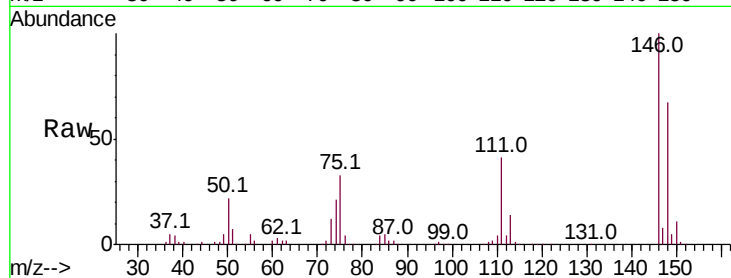
Tot Ion:146 Resp: 196548

Ion Ratio Lower Upper

146 100

148 67.3 53.9 80.9

111 41.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 39.617 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

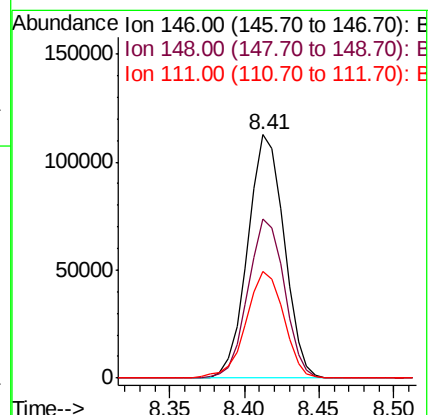
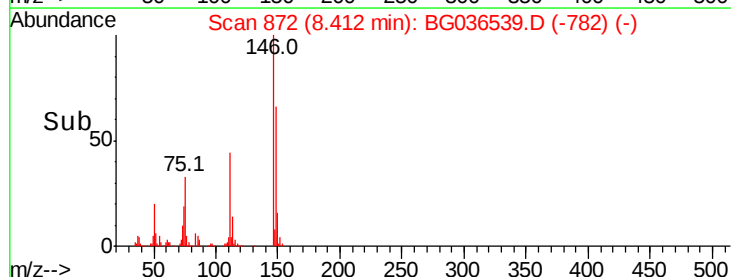
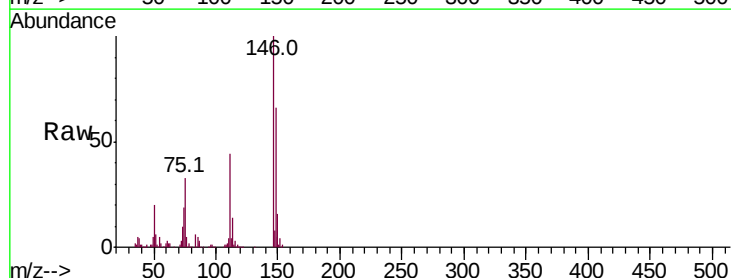
Tgt Ion:146 Resp: 189280

Ion Ratio Lower Upper

146 100

148 65.6 55.0 82.6

111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.180 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

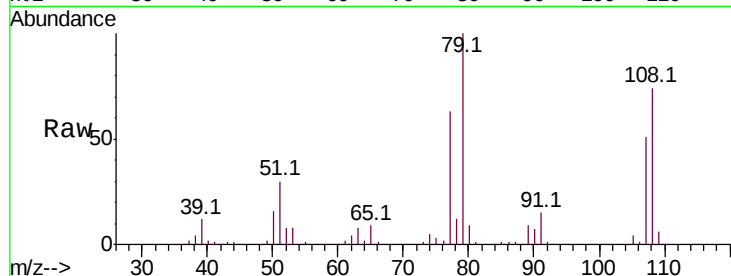
Tot Ion: 79 Resp: 194812

Ion Ratio Lower Upper

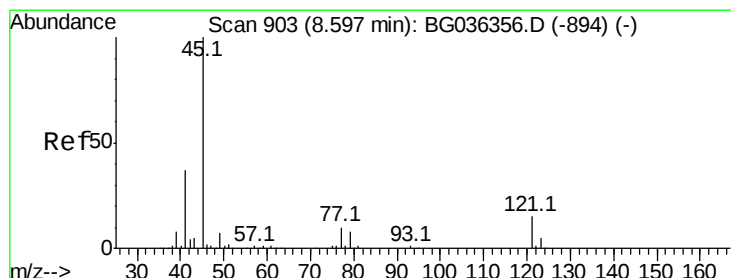
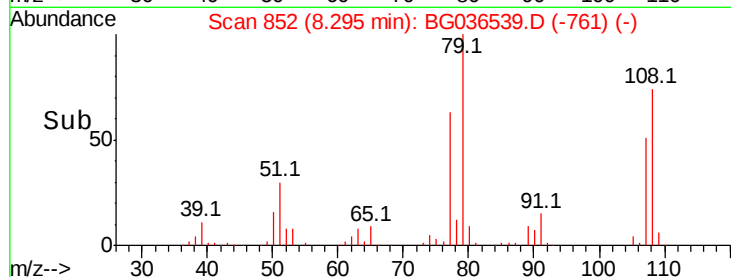
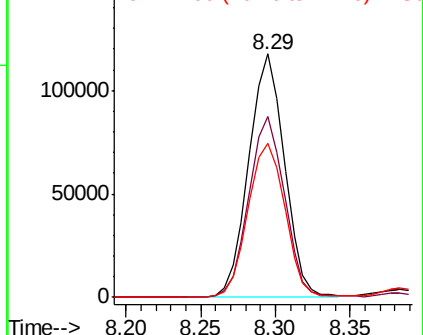
79 100

108 74.3 55.9 83.9

77 63.2 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.496 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

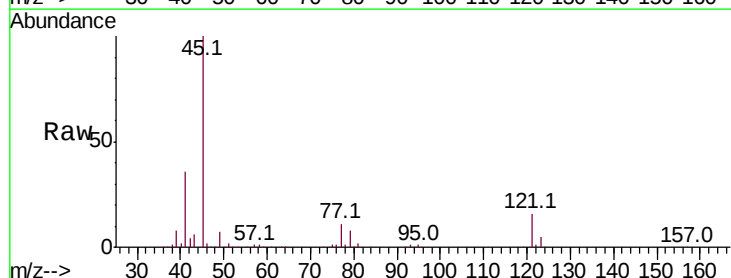
Tgt Ion: 45 Resp: 359432

Ion Ratio Lower Upper

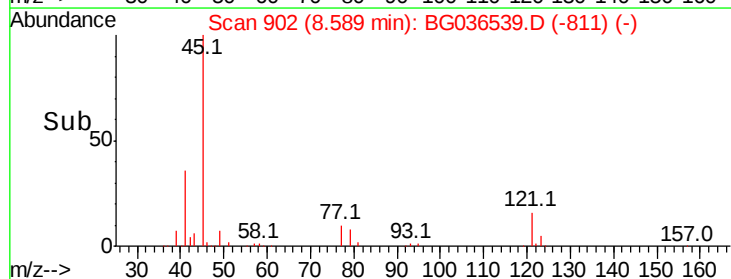
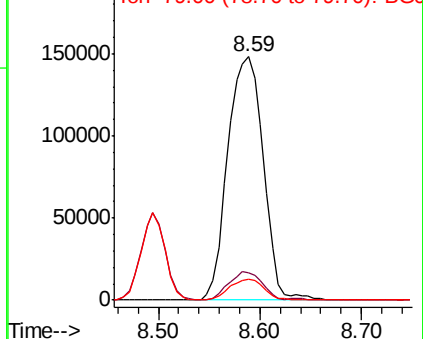
45 100

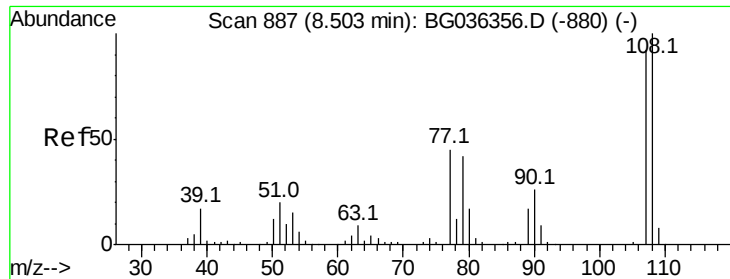
77 11.0 0.0 30.5

79 8.5 0.0 27.9



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

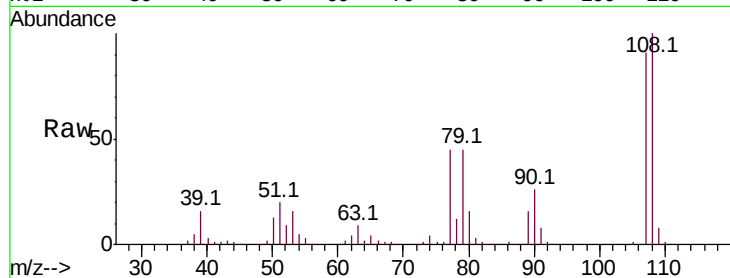




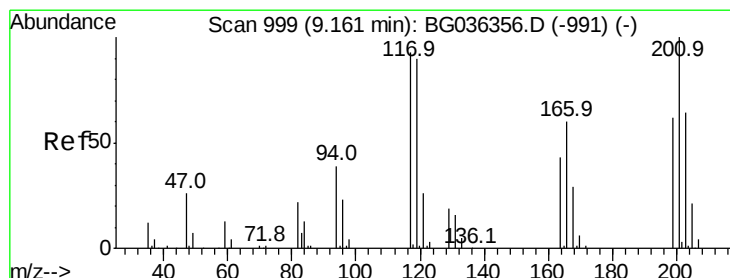
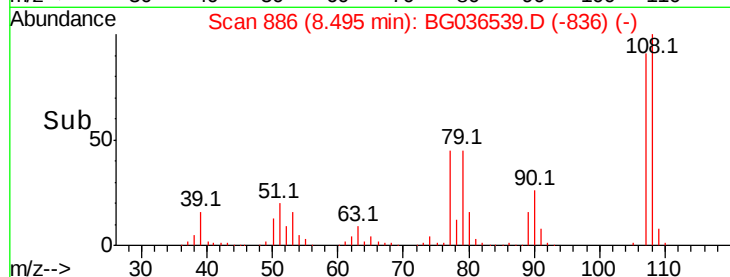
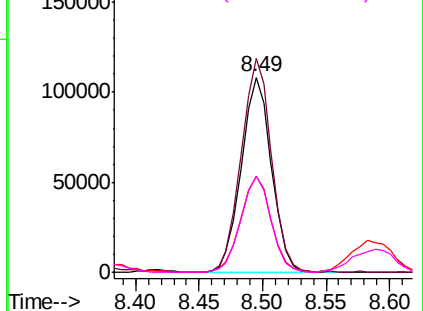
#17
2-Methylphenol
Concen: 44.934 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 178888
Ion Ratio Lower Upper
107 100
108 109.5 86.7 130.1
77 49.4 39.0 58.4
79 49.0 36.6 54.8

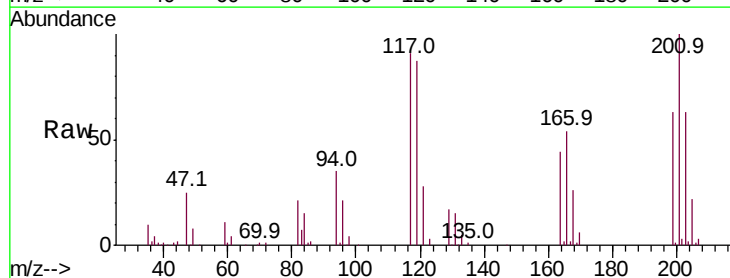


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

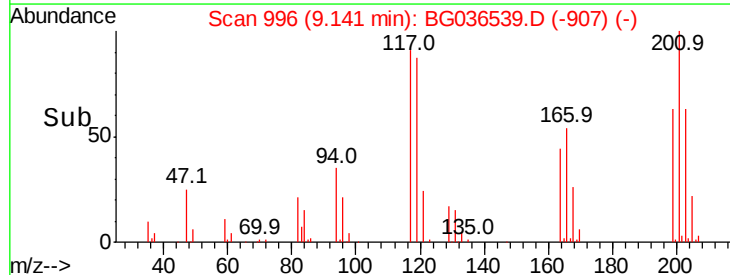
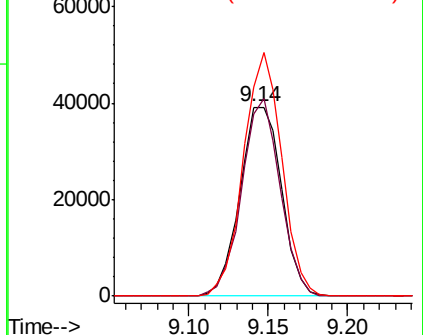


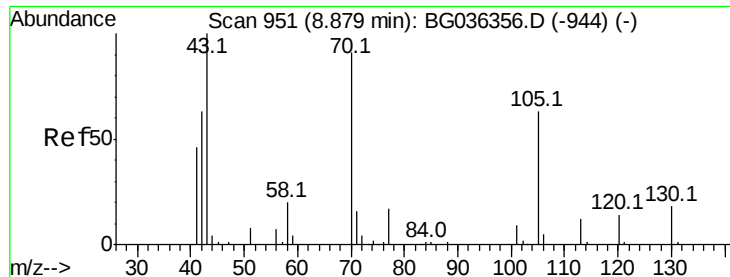
#18
Hexachloroethane
Concen: 39.772 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:117 Resp: 71337
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
201 110.4 85.7 128.5



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

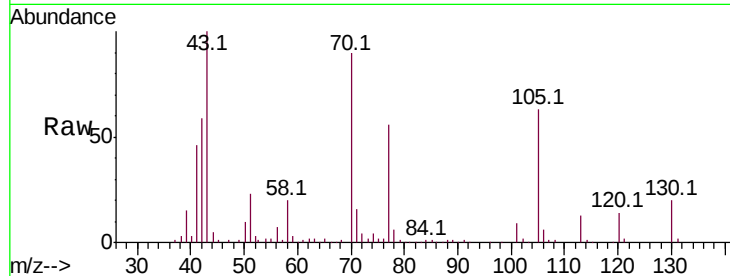




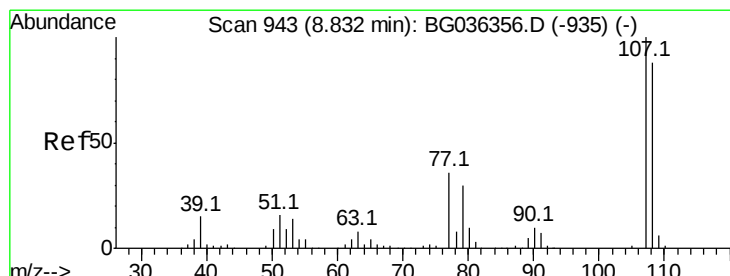
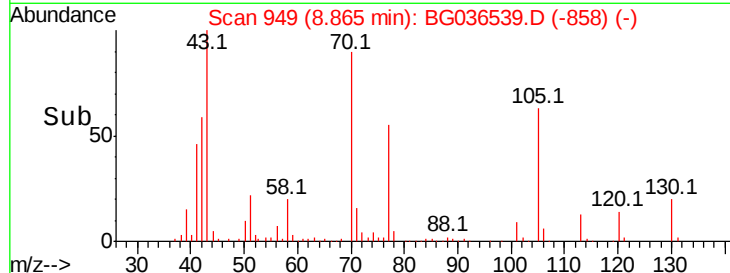
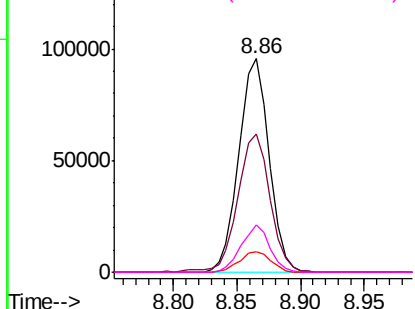
#19
n-Nitroso-di-n-propylamine
Concen: 36.942 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 158180
Ion Ratio Lower Upper
70 100
42 64.9 56.2 84.4
101 9.7 7.8 11.6
130 22.0 16.2 24.2

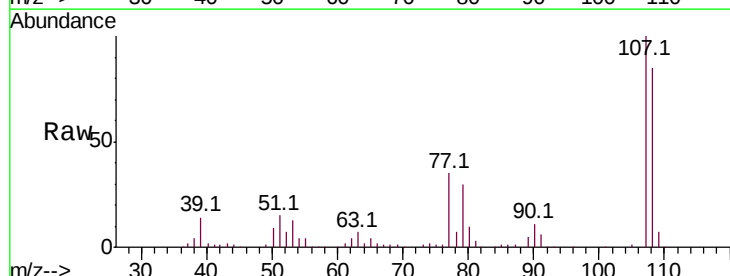


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

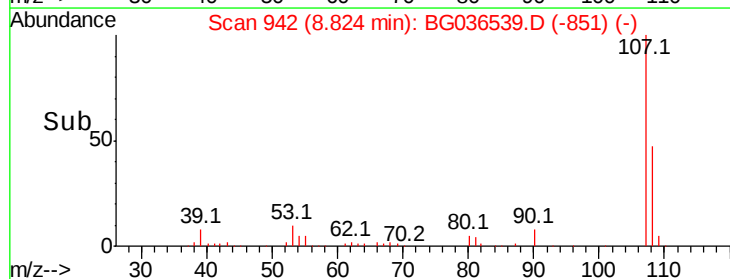
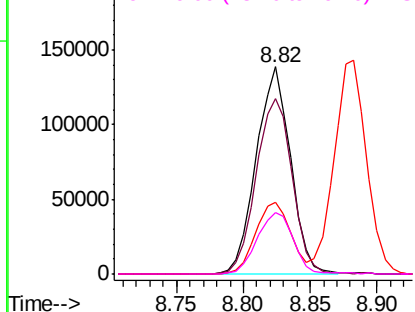


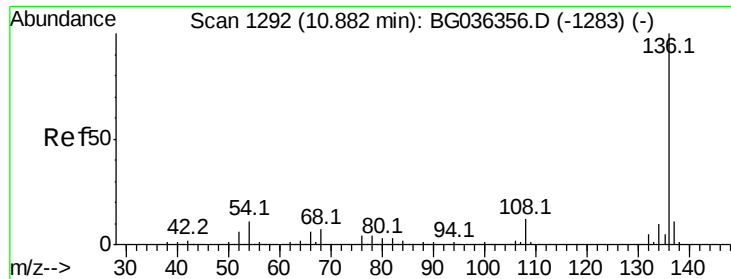
#20
3+4-Methylphenols
Concen: 44.239 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 107 Resp: 245889
Ion Ratio Lower Upper
107 100
108 84.6 68.0 108.0
77 34.8 15.6 55.6
79 29.6 9.9 49.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 260024

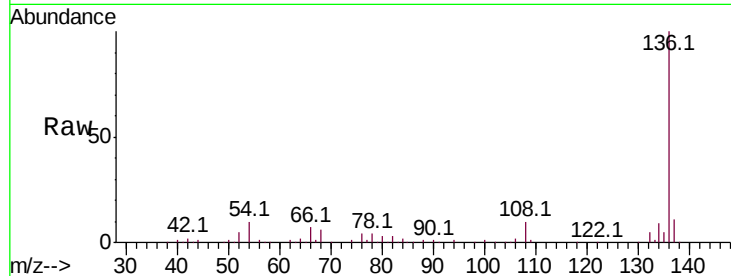
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.4 9.2 13.8

68 6.2 5.8 8.6

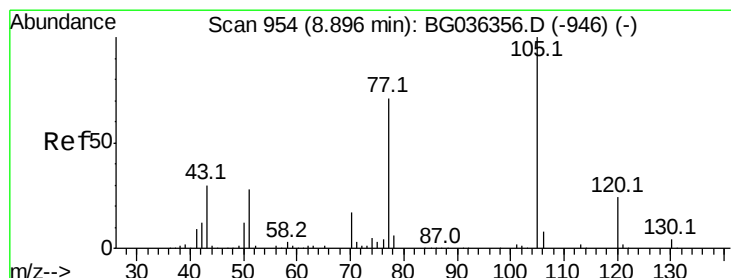
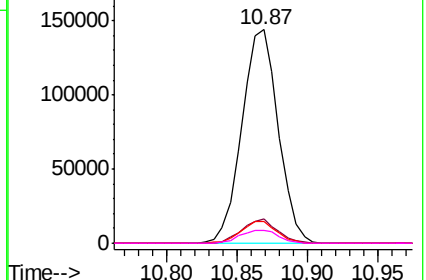
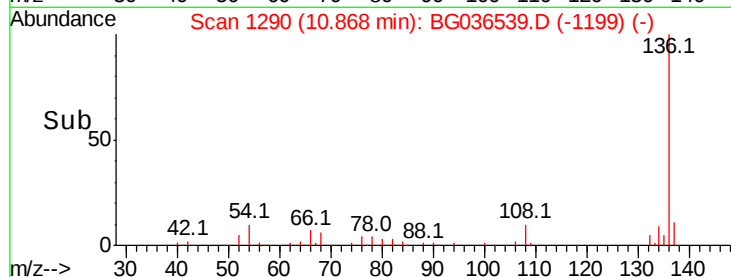


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.673 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:105 Resp: 298205

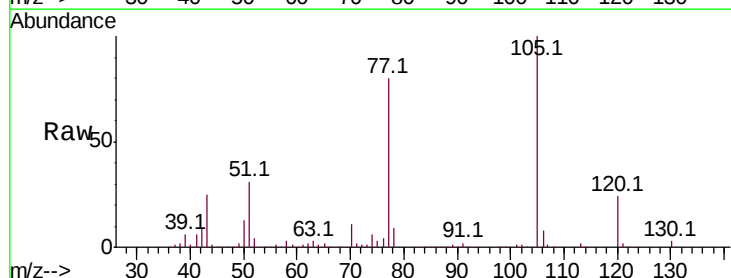
Ion Ratio Lower Upper

105 100

71 1.6 2.4 3.6#

51 31.2 25.9 38.9

120 23.6 19.4 29.0

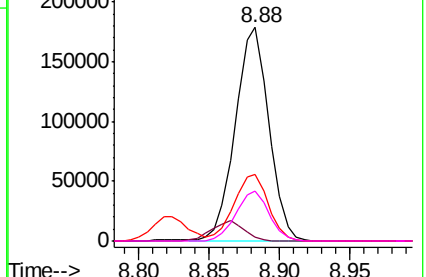
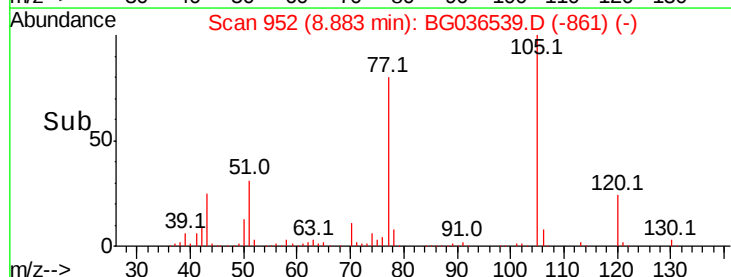


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

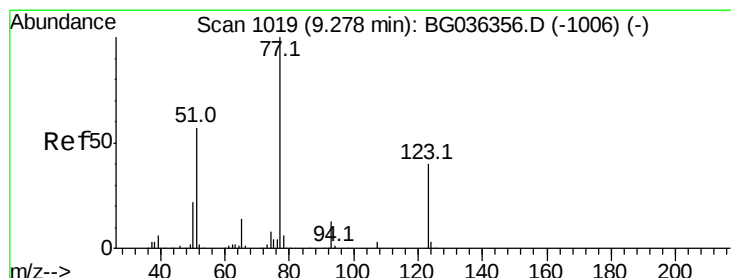
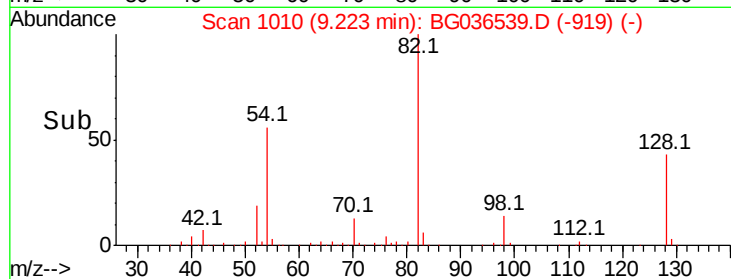
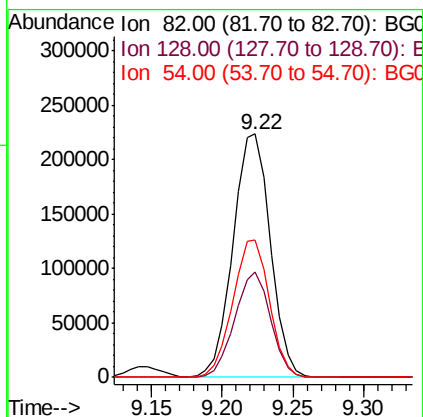
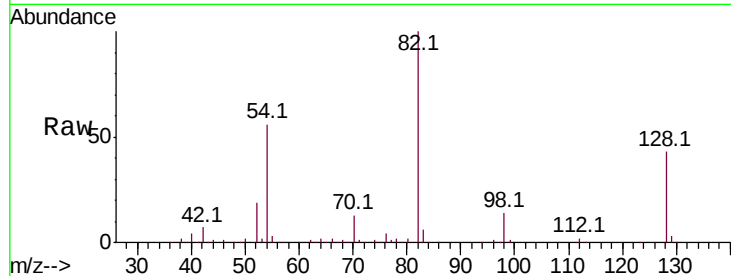




#23
Nitrobenzene-d5
Concen: 86.210 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

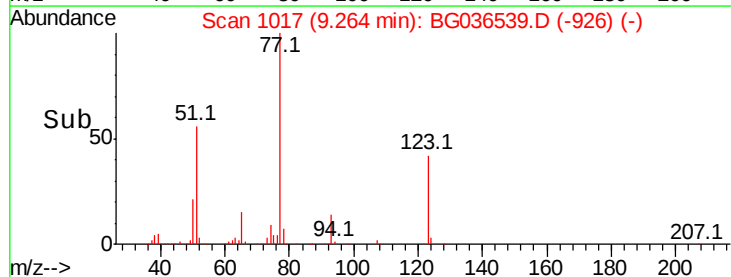
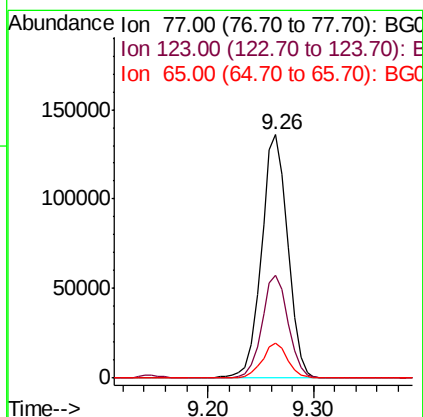
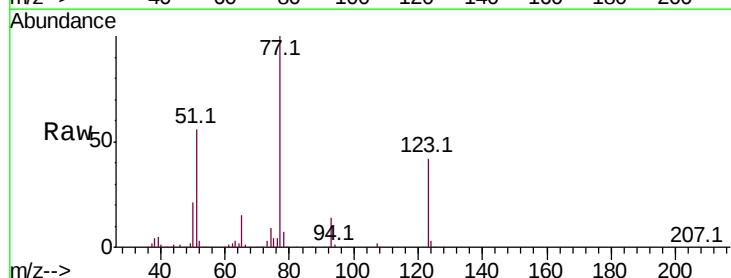
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 413160
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 56.3 45.1 67.7



#24
Nitrobenzene
Concen: 45.393 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 77 Resp: 234586
Ion Ratio Lower Upper
77 100
123 42.0 32.4 48.6
65 14.5 11.5 17.3

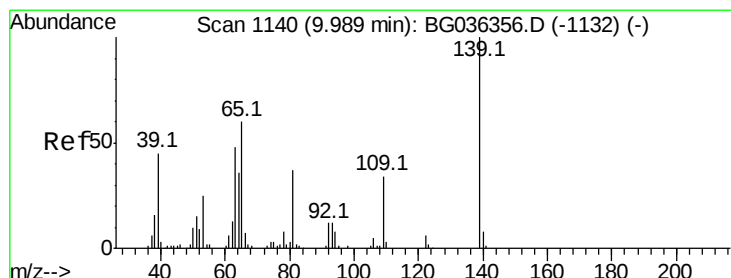
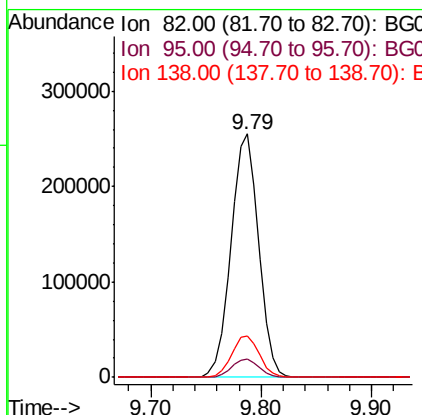
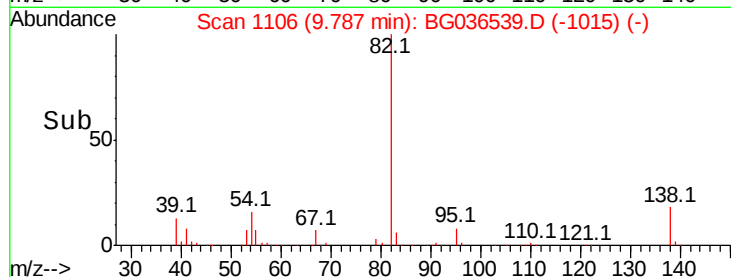
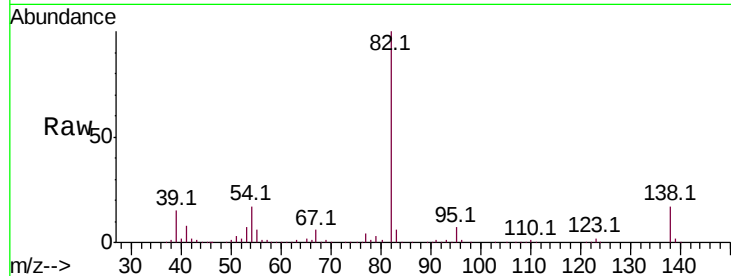




#25
Isophorone
Concen: 46.925 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

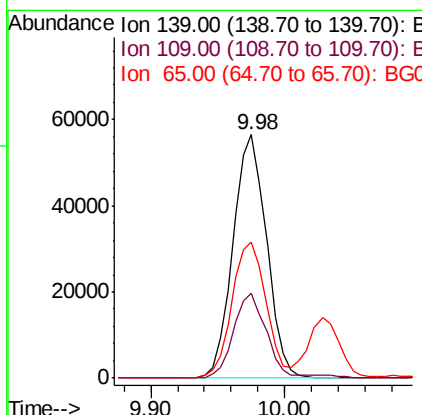
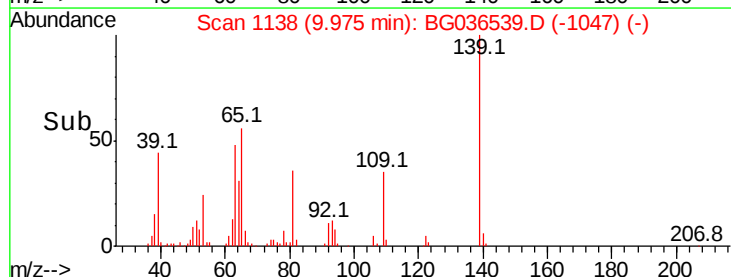
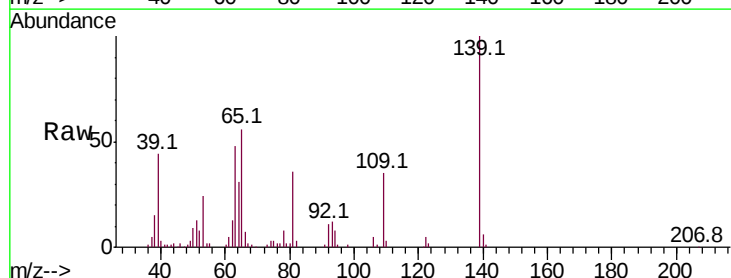
Instrument :
BNA_G
ClientSampleId :

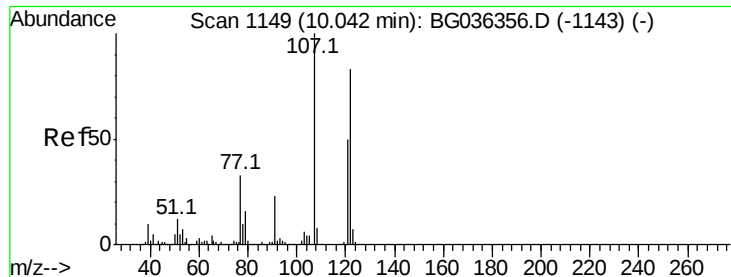
Tot Ion: 82 Resp: 446752
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.1 12.9 19.3



#26
2-Nitrophenol
Concen: 47.982 ng
RT: 9.98 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:139 Resp: 98260
Ion Ratio Lower Upper
139 100
109 35.0 27.4 41.0
65 55.8 47.8 71.6

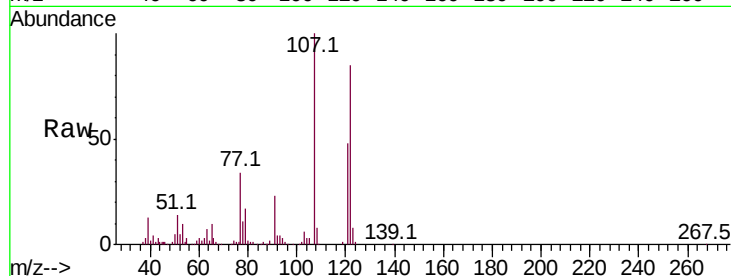




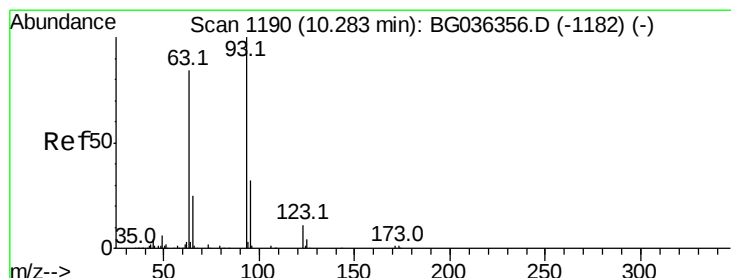
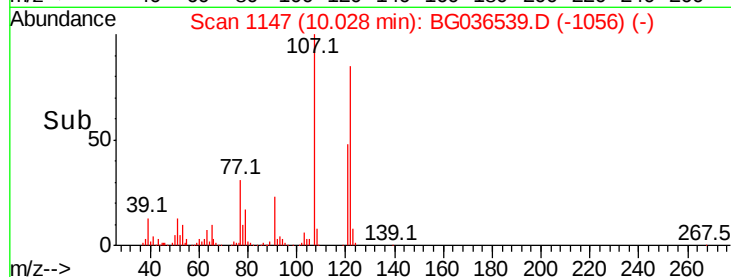
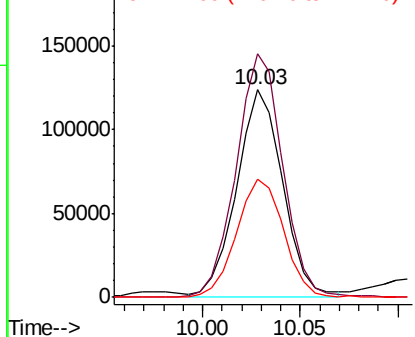
#27
2,4-Dimethylphenol
Concen: 52.922 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 200648
Ion Ratio Lower Upper
122 100
107 117.2 96.0 144.0
121 56.6 48.2 72.4

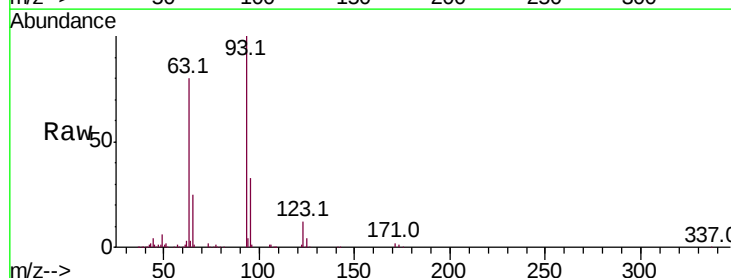


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

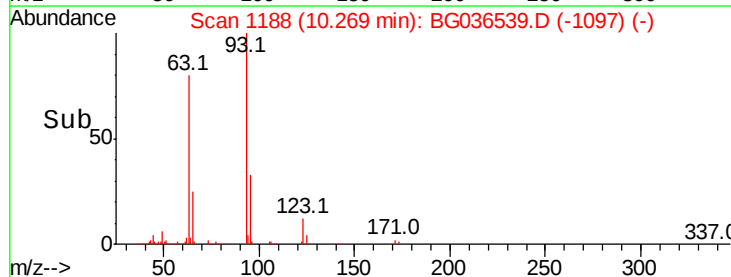
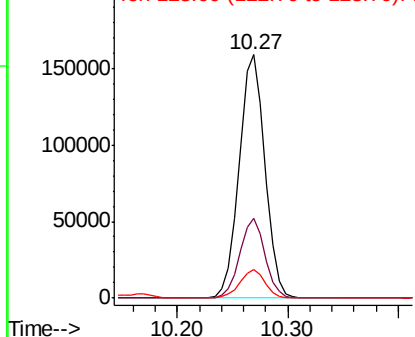


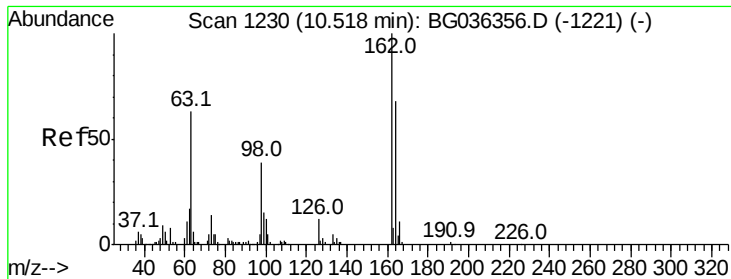
#28
bis(2-Chloroethoxy)methane
Concen: 44.548 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 93 Resp: 260292
Ion Ratio Lower Upper
93 100
95 32.7 25.2 37.8
123 11.6 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.168 ng

RT: 10.51 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

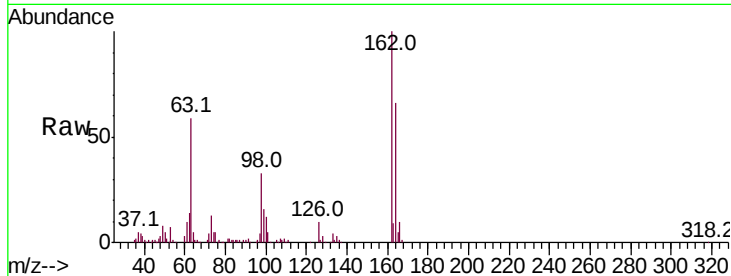
Tot Ion:162 Resp: 208457

Ion Ratio Lower Upper

162 100

164 66.0 47.6 87.6

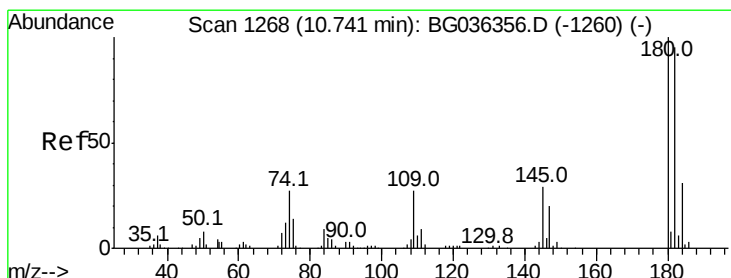
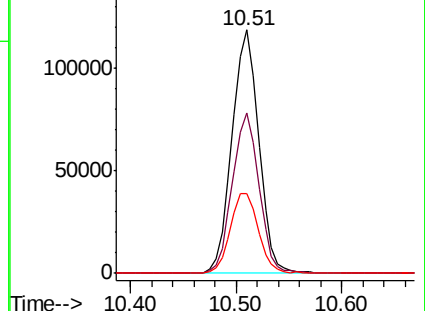
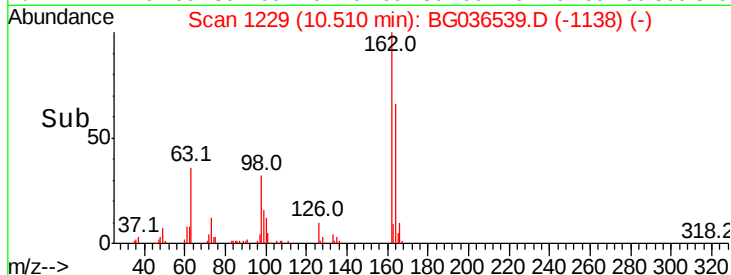
98 32.5 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.468 ng

RT: 10.73 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

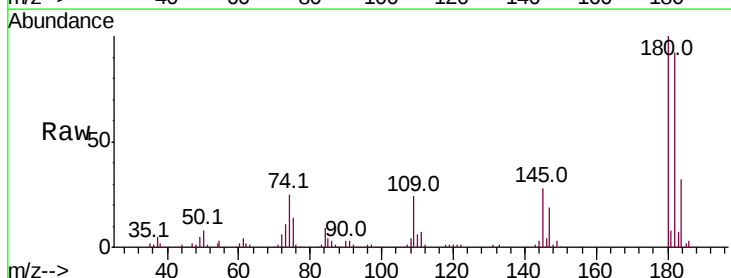
Tgt Ion:180 Resp: 211291

Ion Ratio Lower Upper

180 100

182 91.7 76.0 114.0

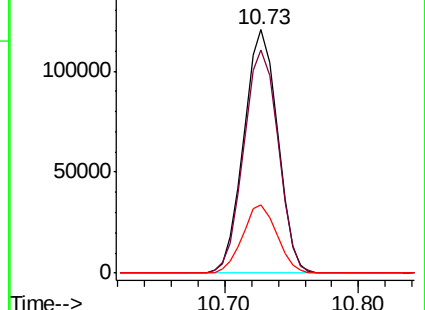
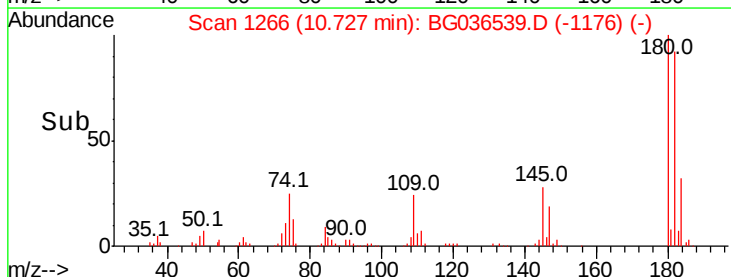
145 28.2 22.9 34.3

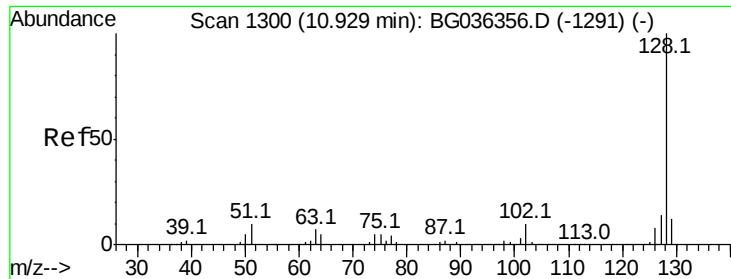


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

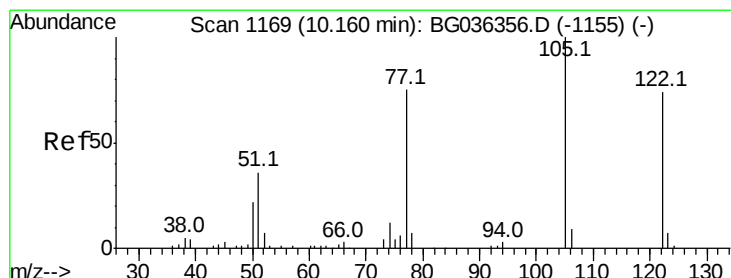
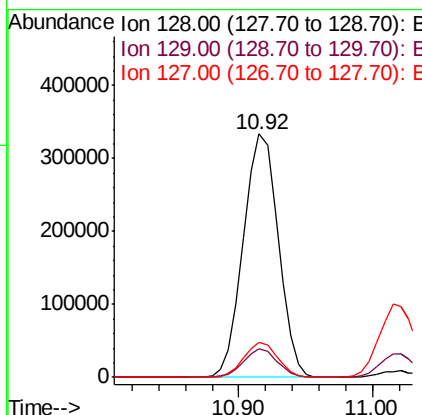
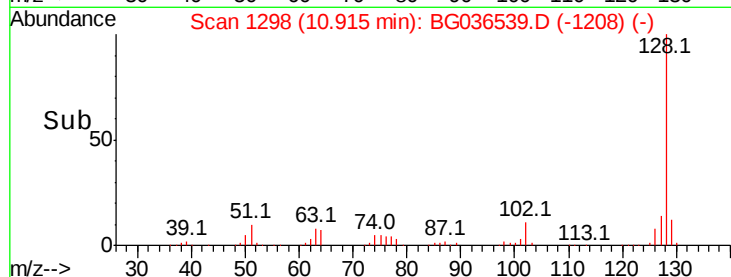
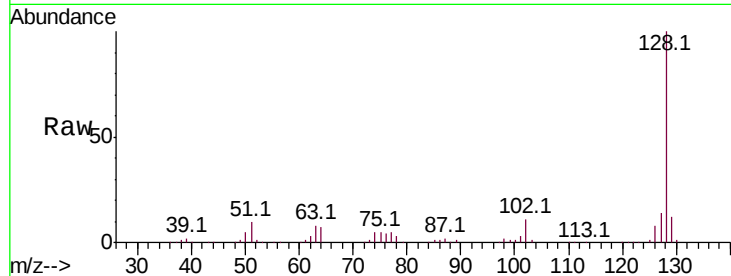




#31
Naphthalene
Concen: 46.549 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

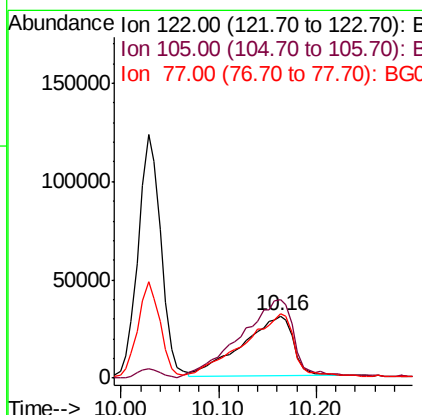
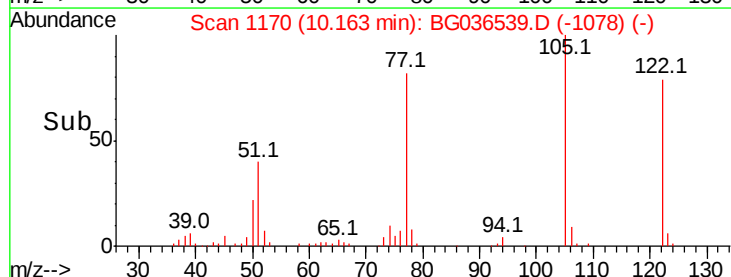
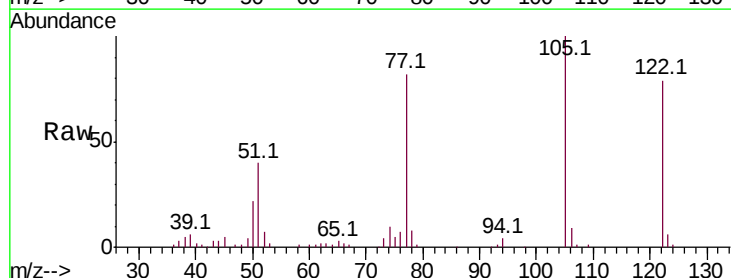
Instrument :
BNA_G
ClientSampleId :

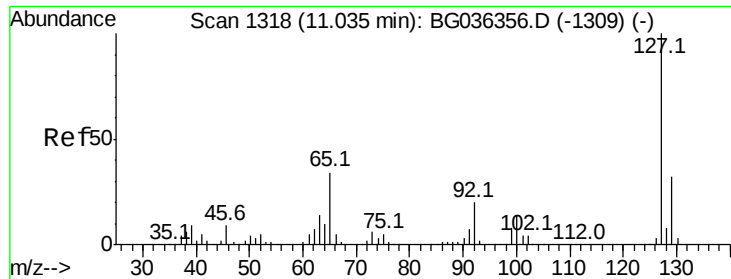
Tot Ion:128 Resp: 605061
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 14.5 11.0 16.4



#32
Benzoic acid
Concen: 41.074 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:122 Resp: 113451
Ion Ratio Lower Upper
122 100
105 127.2 108.1 148.1
77 104.6 76.3 116.3

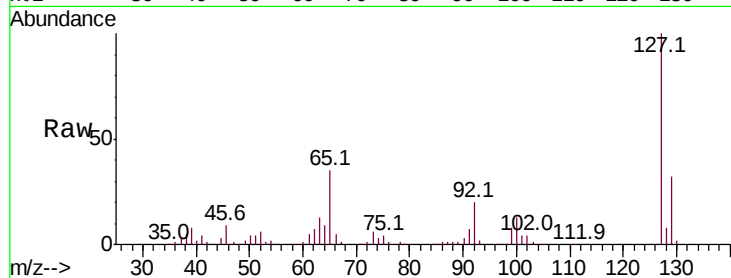




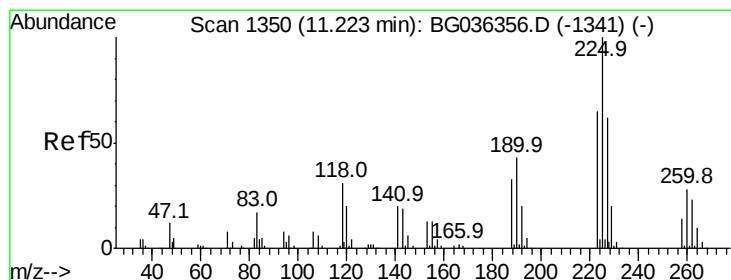
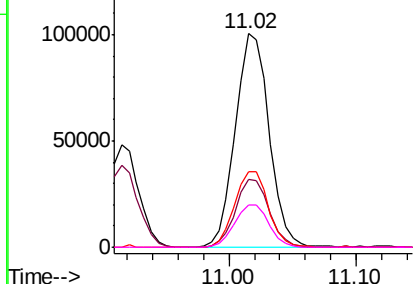
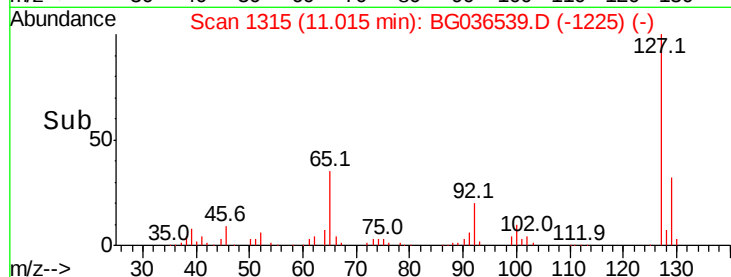
#33
4-Chloroaniline
Concen: 31.208 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	185887
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	35.1	27.5	41.3
92	19.9	16.2	24.2

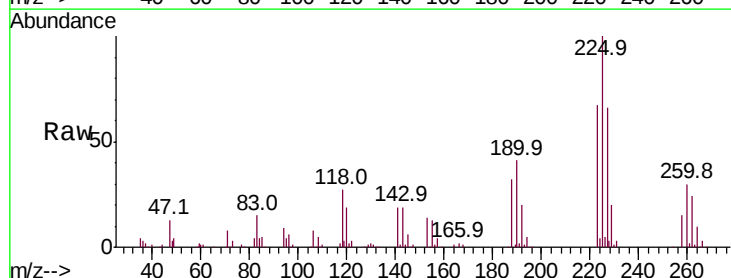


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

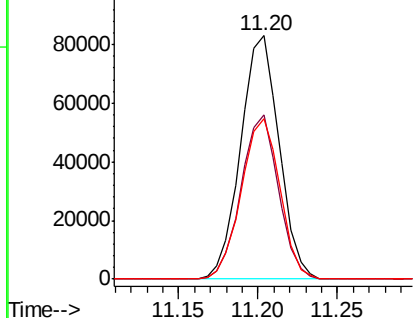
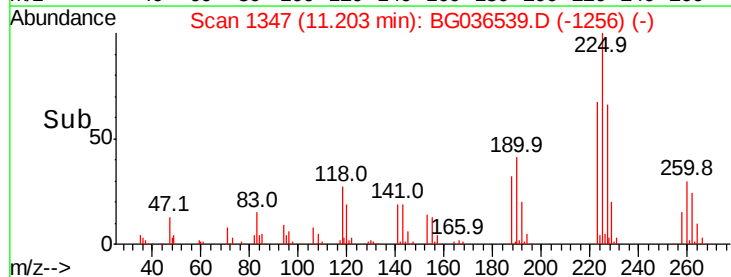


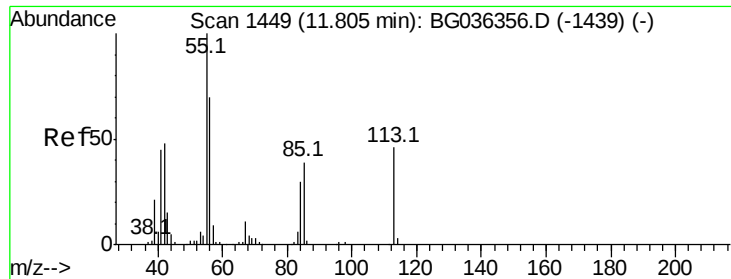
#34
Hexachlorobutadiene
Concen: 42.868 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:	225	Resp:	140004
Ion	Ratio	Lower	Upper
225	100		
223	67.2	51.8	77.8
227	65.7	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: 30.869 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampled :

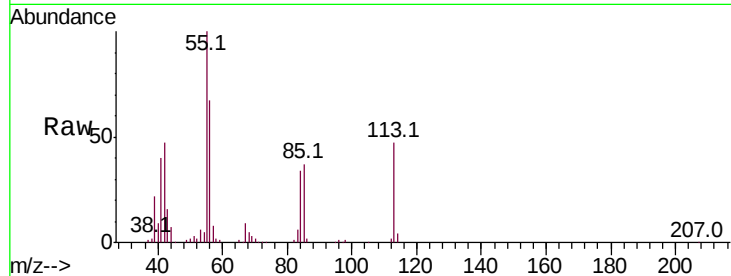
Tot Ion:113 Resp: 51096

Ion Ratio Lower Upper

113 100

55 211.9 197.7 237.7

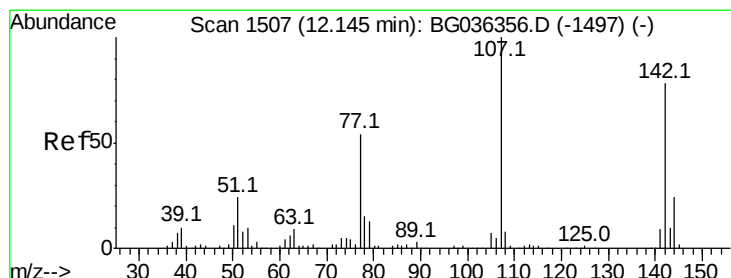
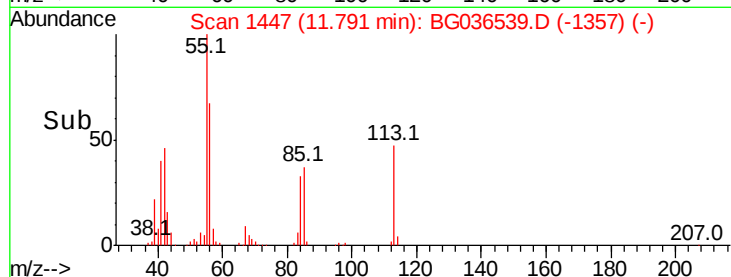
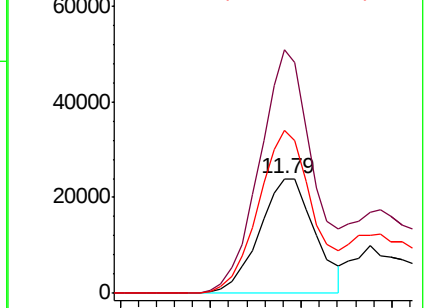
56 142.0 131.7 171.7



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: 48.499 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

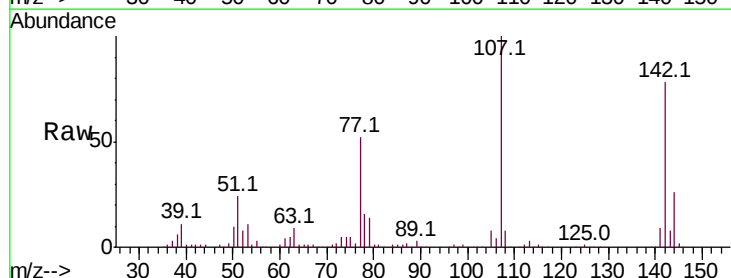
Tgt Ion:107 Resp: 234158

Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

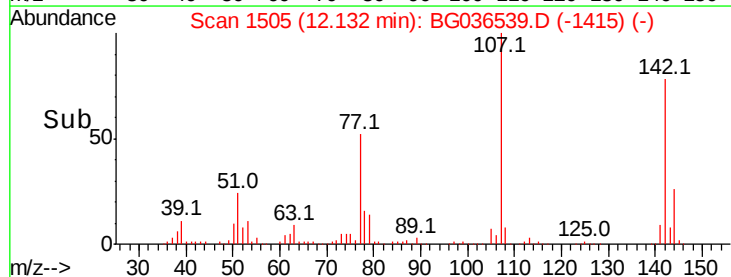
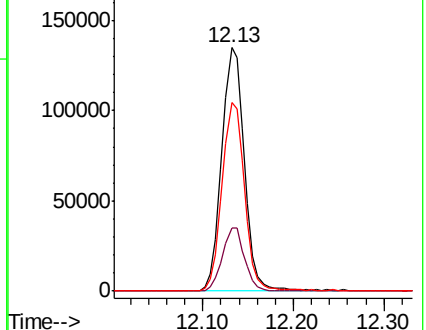
142 77.6 62.4 93.6

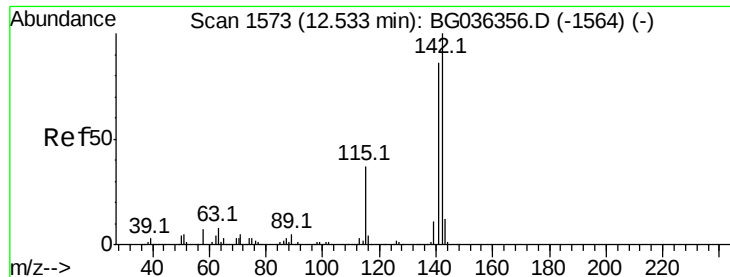


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

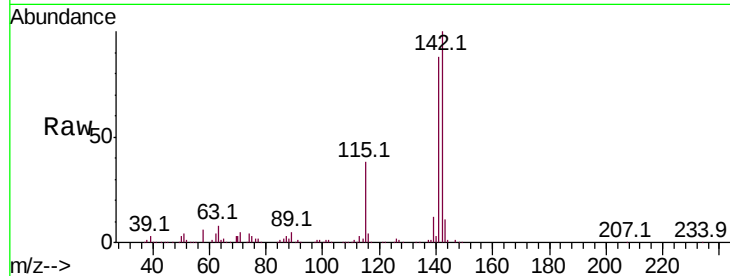




#37
2-Methylnaphthalene
Concen: 49.894 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	37.7	29.8	44.8

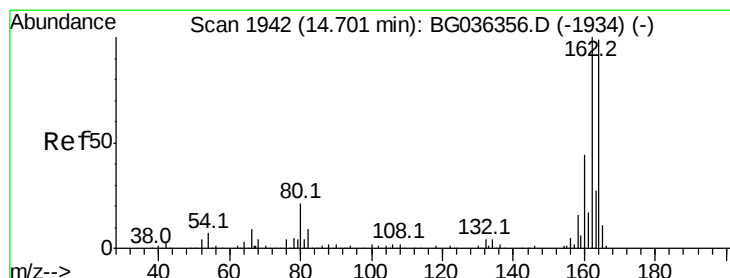
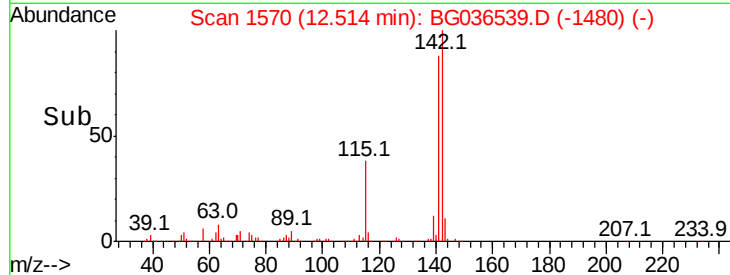
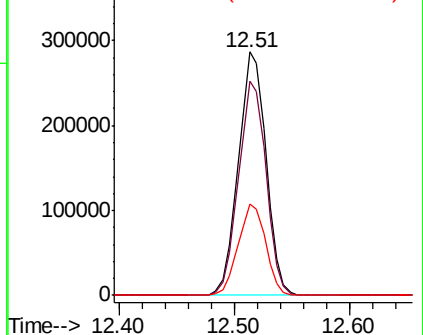


Abundance

Ion 142.00 (141.70 to 142.70): E

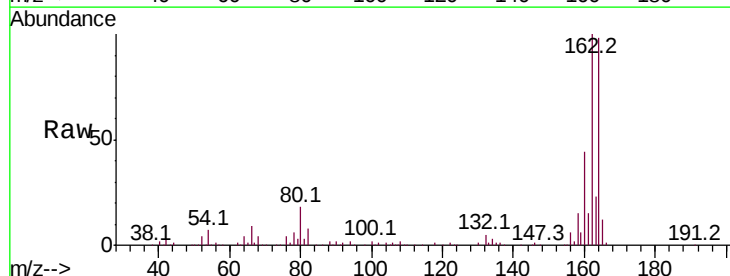
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	44.5	35.3	52.9

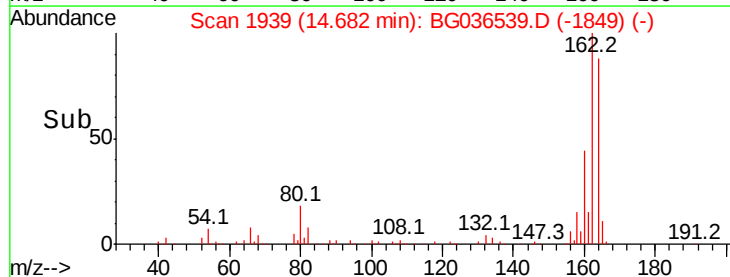
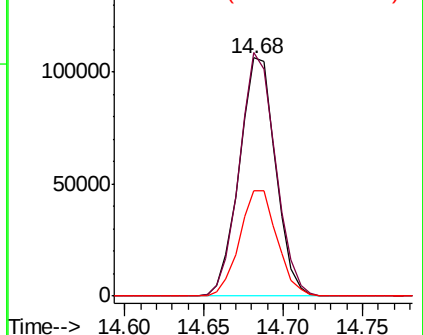


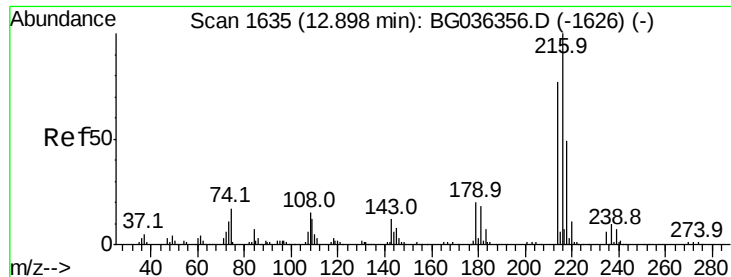
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

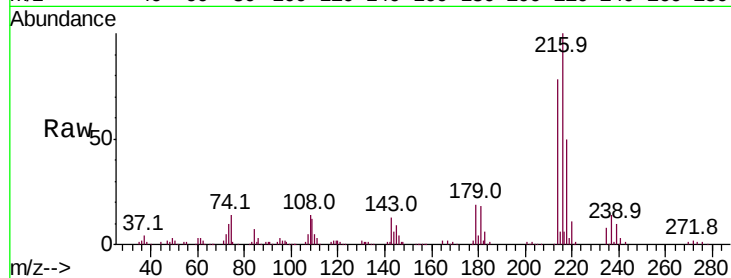




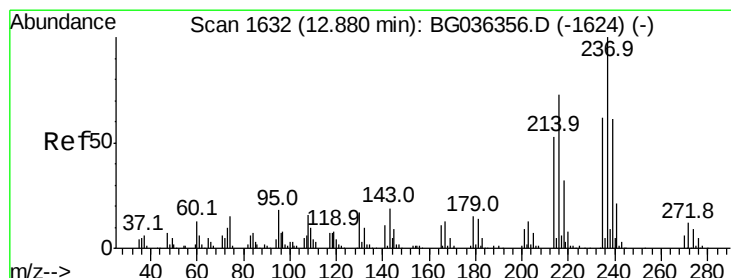
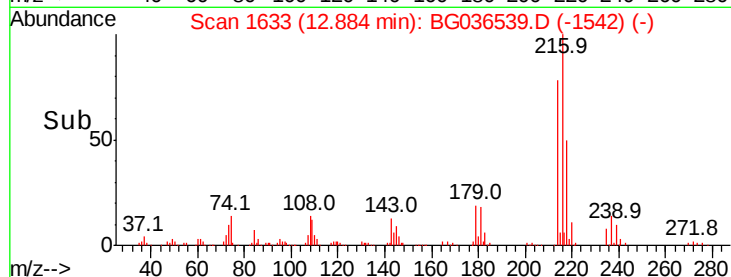
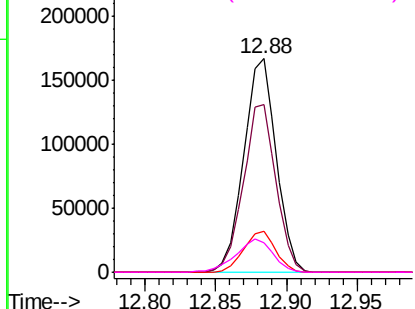
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.083 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	269610
Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.0	91.6
179	19.0	15.7	23.5
108	17.9	13.1	19.7

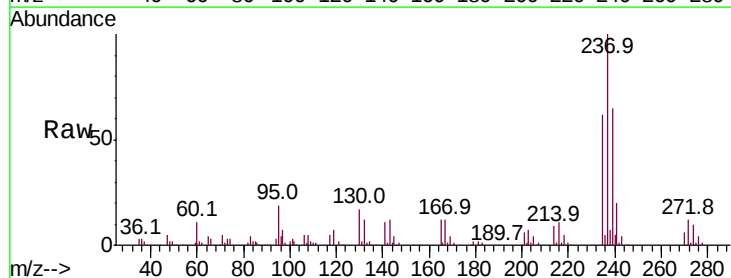


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

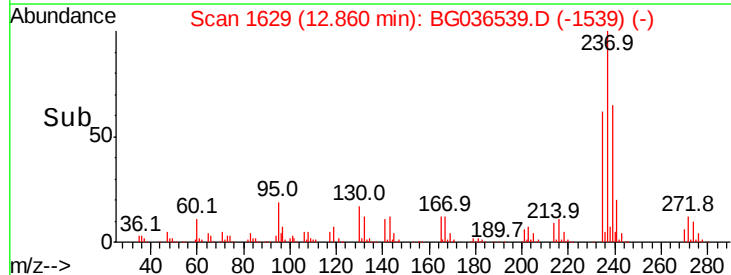
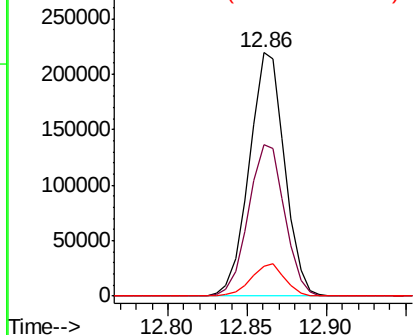


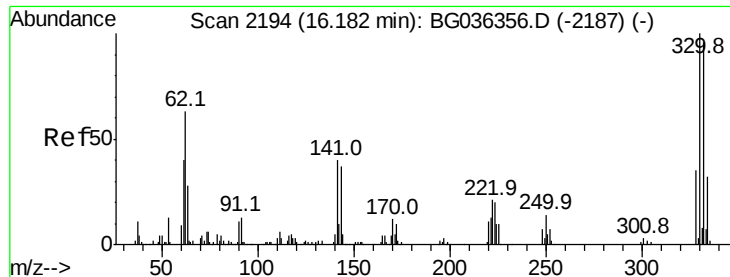
#40
 Hexachlorocyclopentadiene
 Concen: 108.912 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:	237	Resp:	338884
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.2	82.2
272	12.3	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: 142.894 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampled :

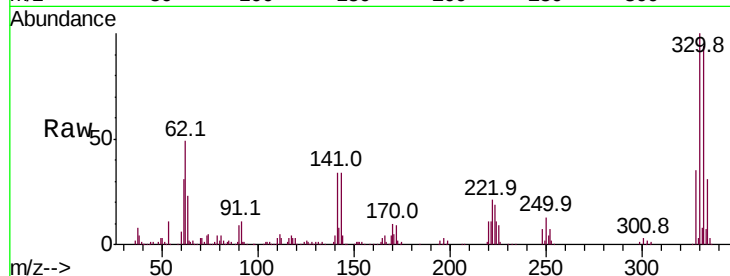
Tot Ion:330 Resp: 288130

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.2

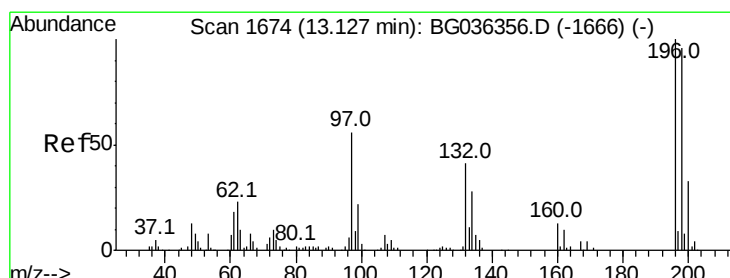
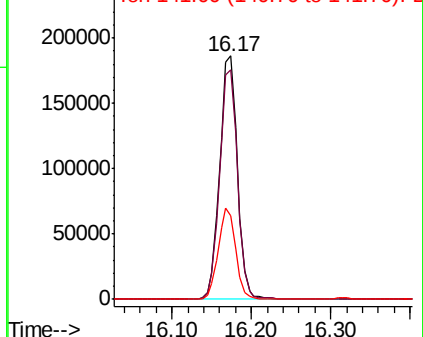
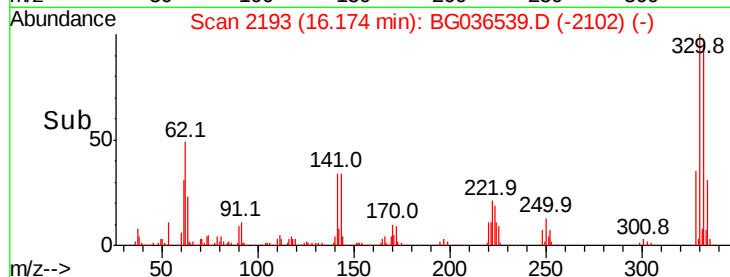
141 36.7 30.7 46.1



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: 48.892 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

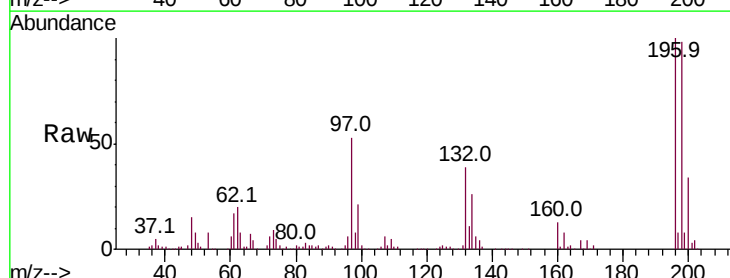
Tgt Ion:196 Resp: 178107

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

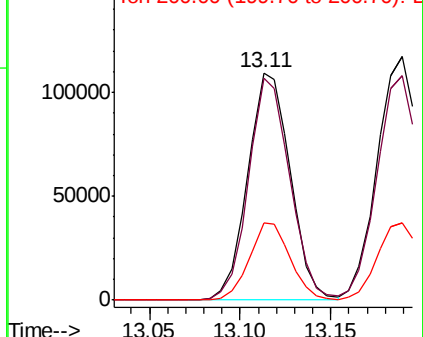
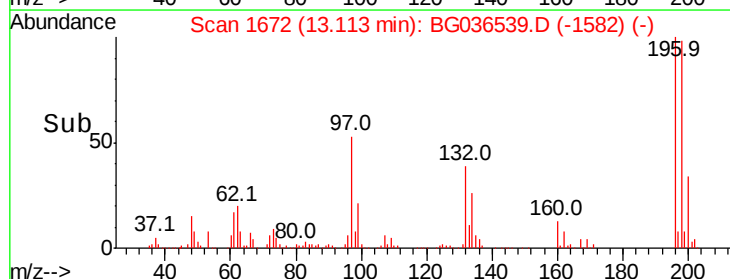
200 34.0 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

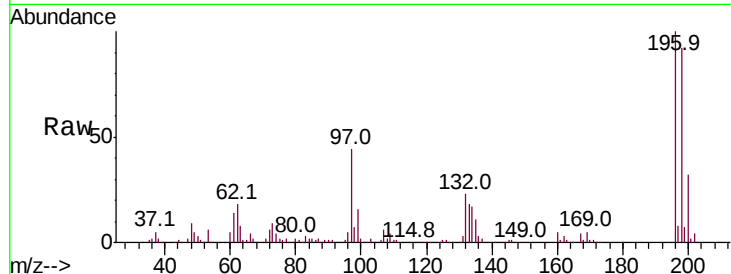




#43
 2,4,5-Trichlorophenol
 Concen: 50.298 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.6	113.4
97	43.8	37.2	55.8
132	22.8	19.4	29.2



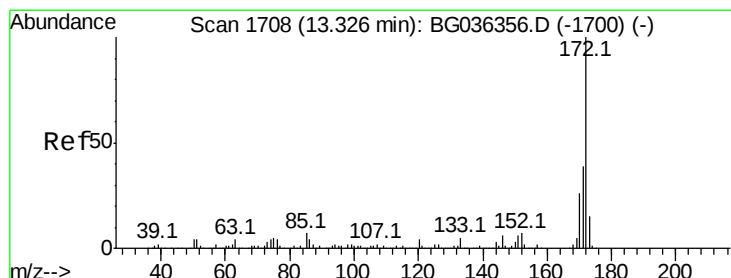
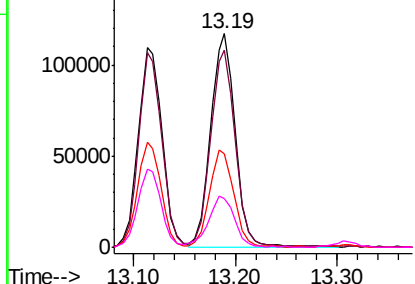
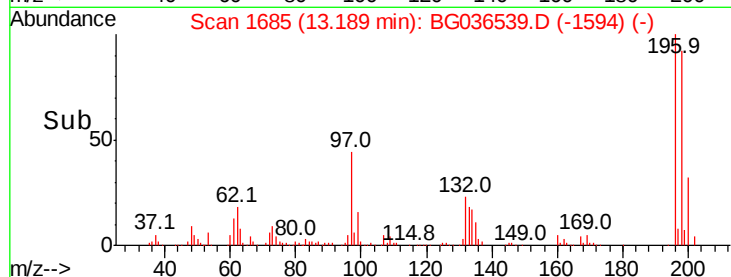
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

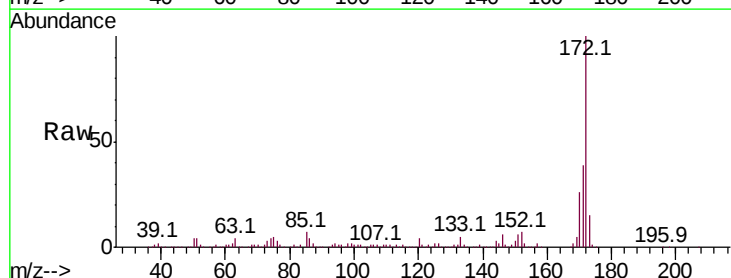
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.401 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.3	46.9
170	25.6	21.0	31.6

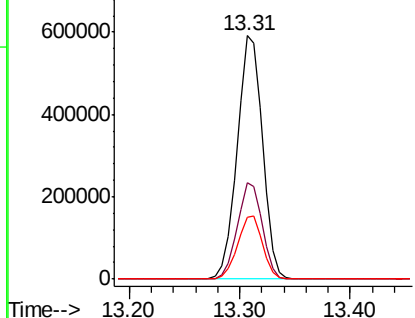
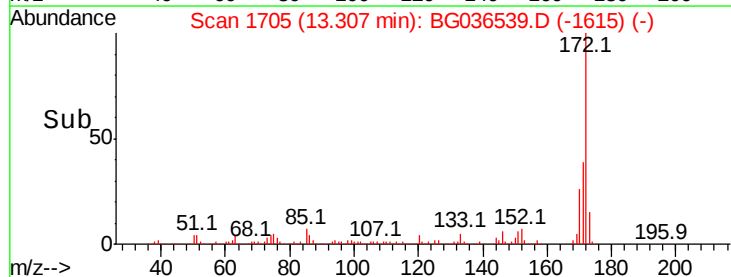


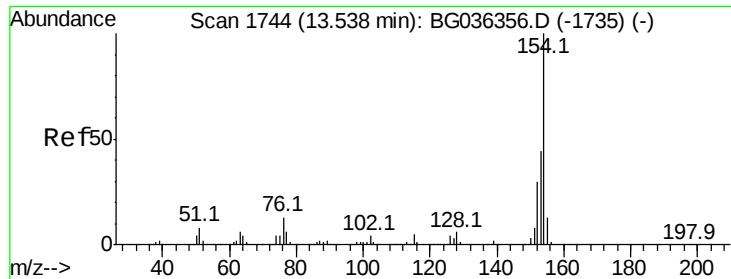
Abundance

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

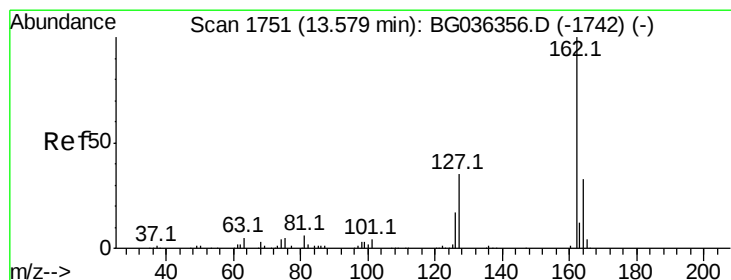
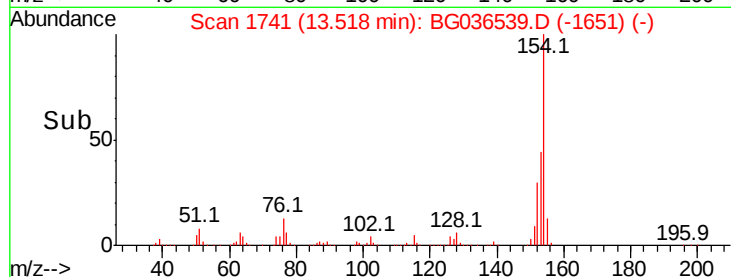
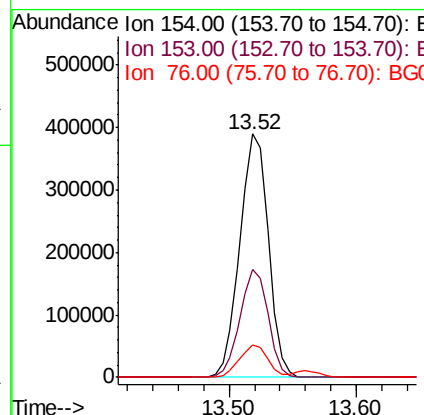
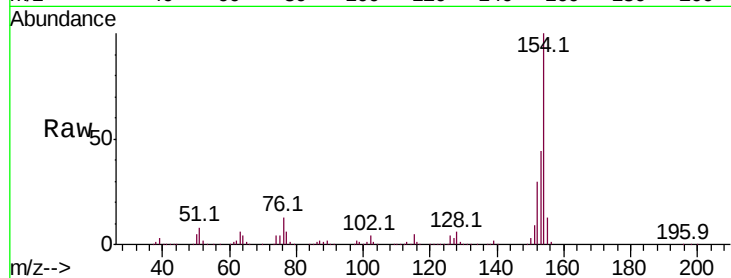




#45
 1,1'-Biphenyl
 Concen: 43.121 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

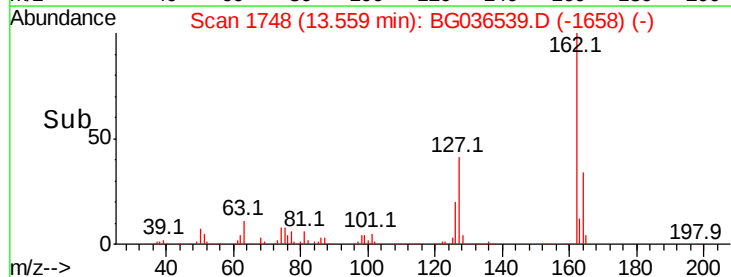
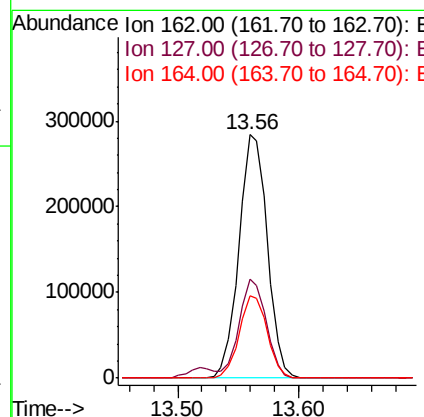
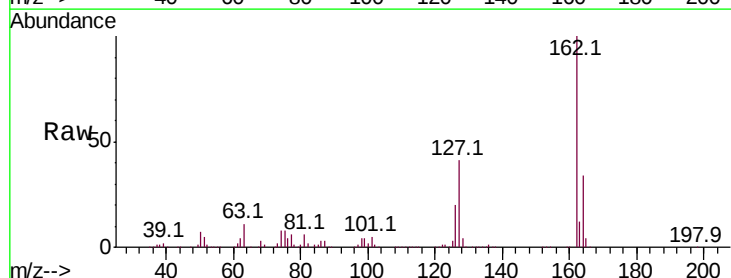
Instrument :
 BNA_G
 ClientSampled :

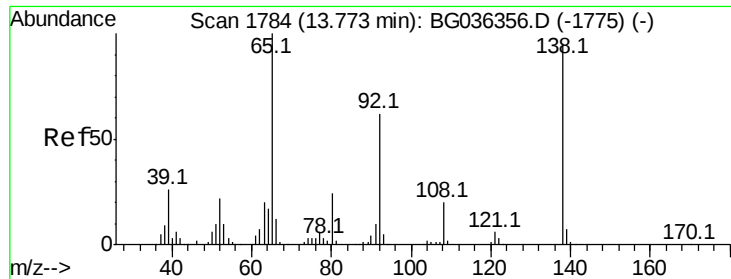
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.3	24.0	64.0
76	13.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 43.320 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	33.9	26.7	40.1

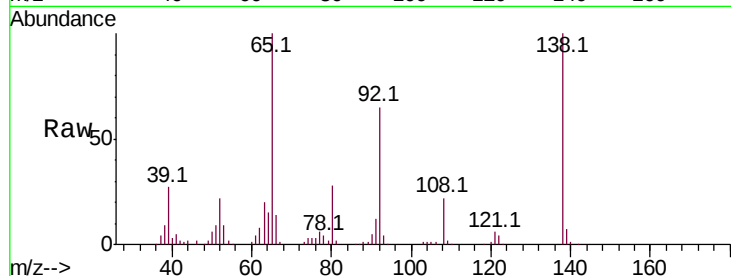




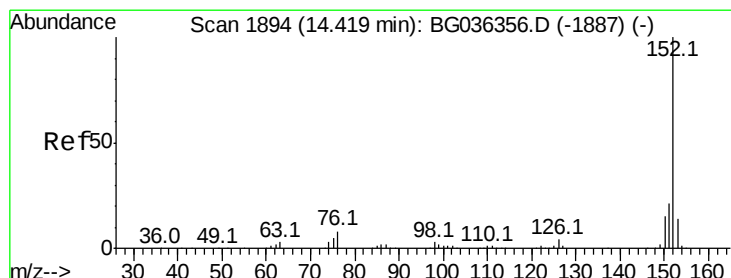
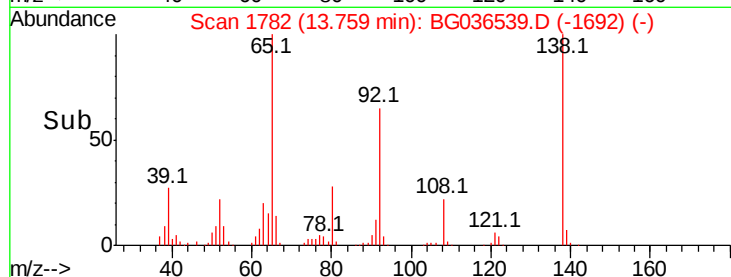
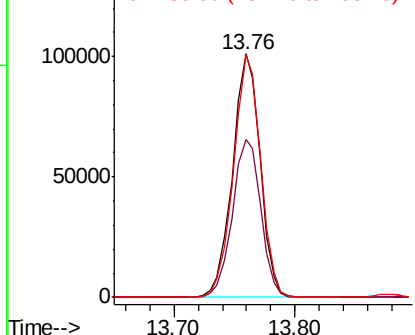
#47
2-Nitroaniline
Concen: 47.685 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 160351
Ion Ratio Lower Upper
65 100
92 64.9 49.9 74.9
138 99.5 76.2 114.4

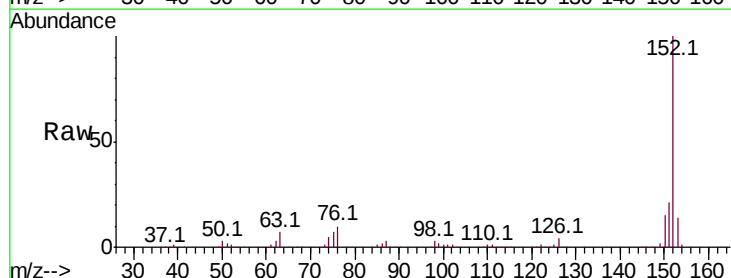


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

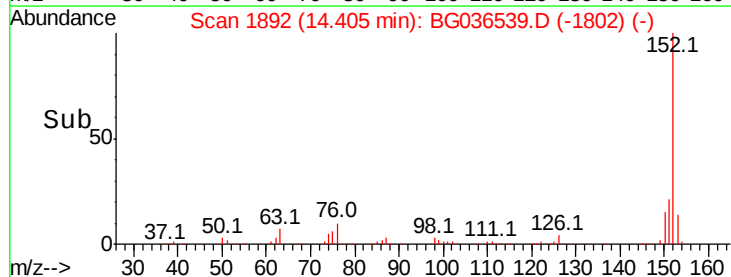
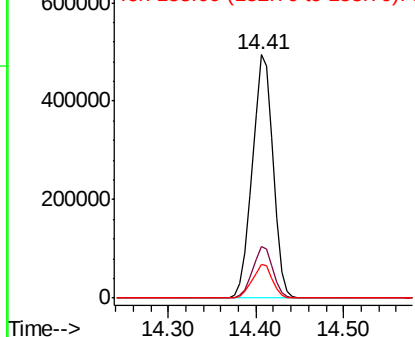


#48
Acenaphthylene
Concen: 47.330 ng
RT: 14.41 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 152 Resp: 792111
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.9 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: 44.667 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampled :

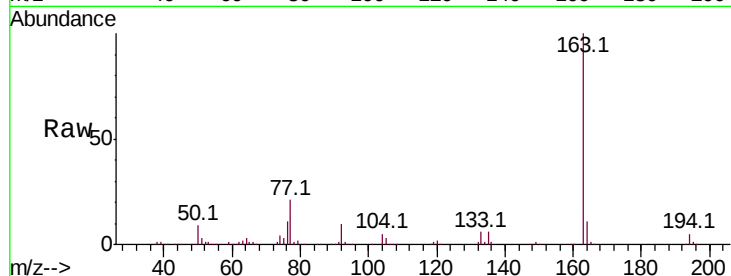
Tot Ion:163 Resp: 616356

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

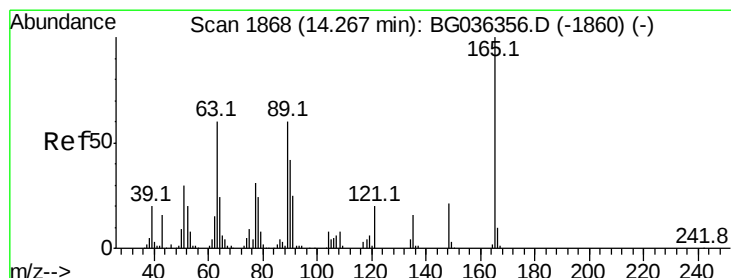
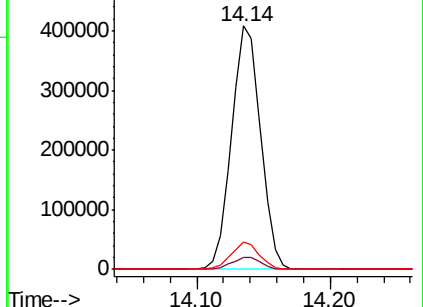
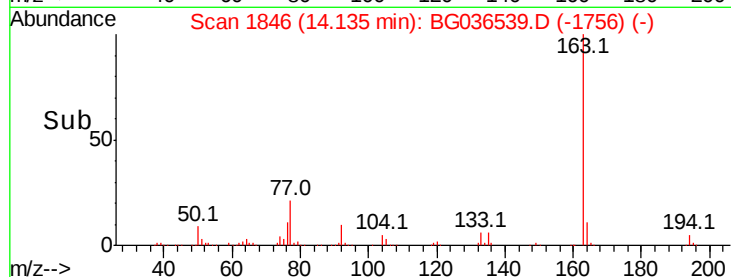
164 11.3 8.1 12.1



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: 46.755 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

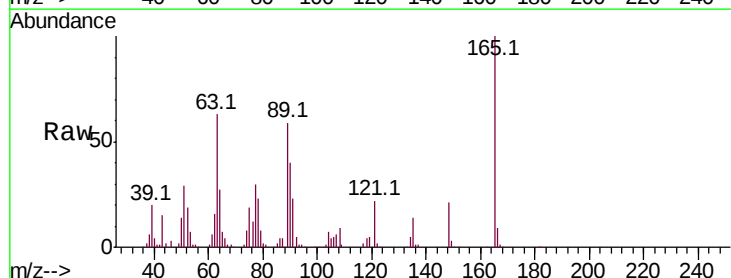
Tgt Ion:165 Resp: 132757

Ion Ratio Lower Upper

165 100

63 62.7 50.1 75.1

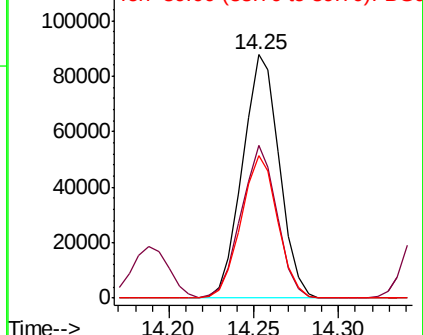
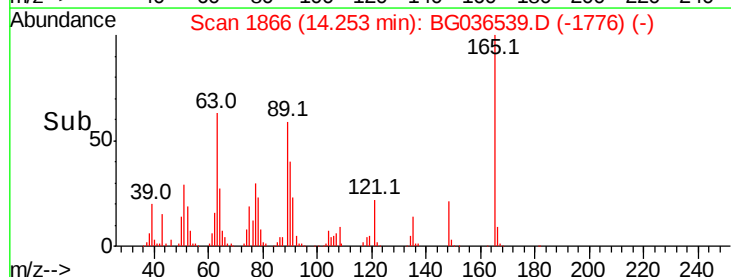
89 58.6 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.440 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

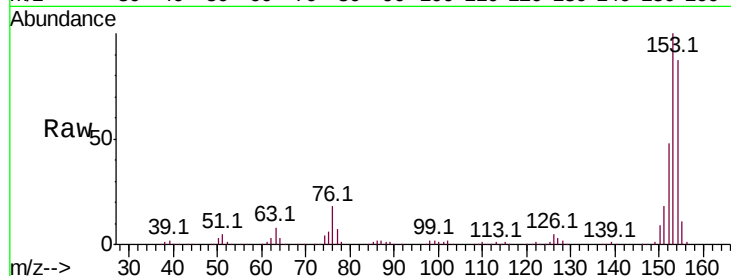
Tot Ion:154 Resp: 465602

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

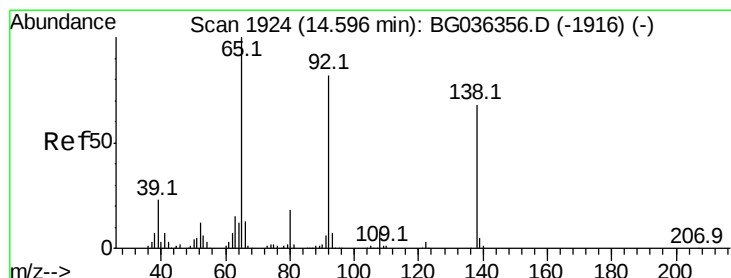
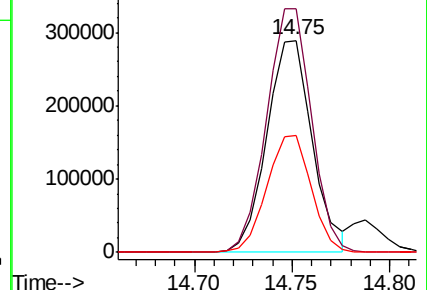
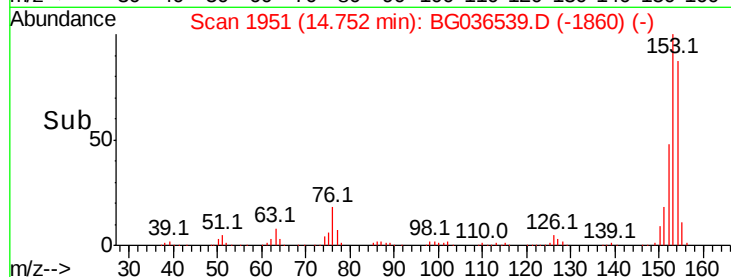
152 55.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.761 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

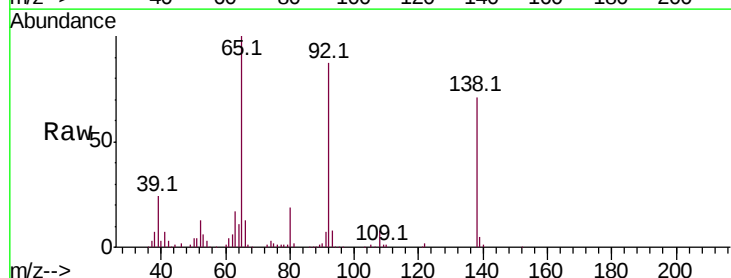
Tgt Ion:138 Resp: 115543

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.2

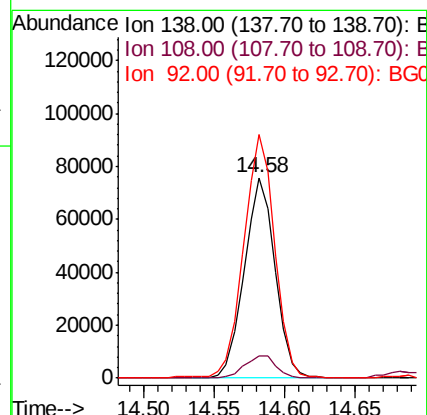
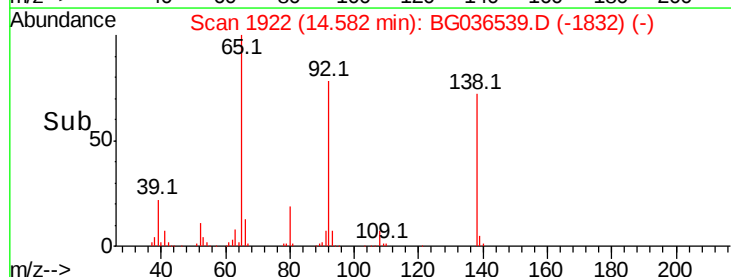
92 121.4 96.8 145.2

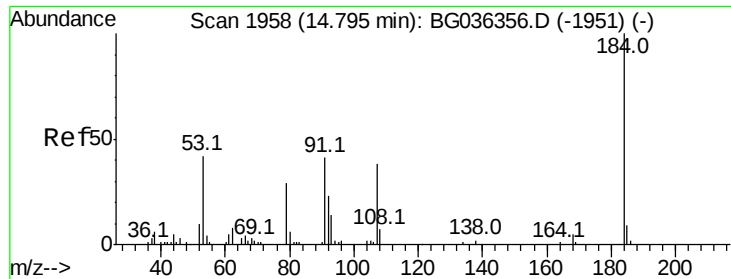


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

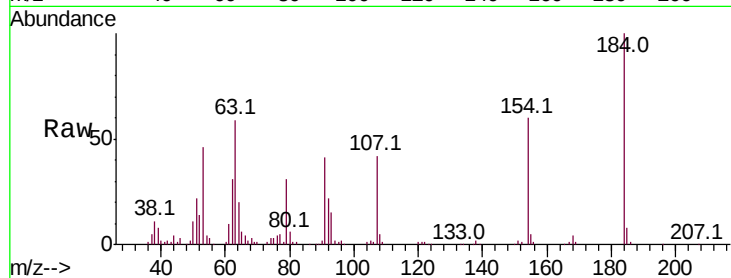




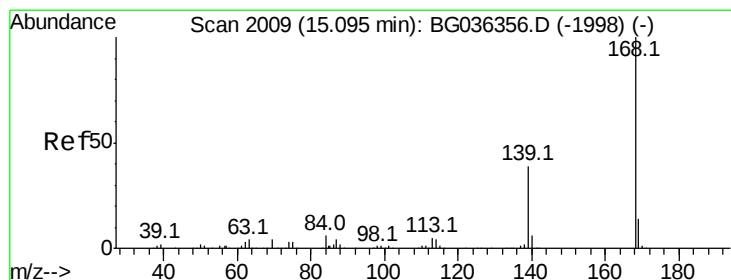
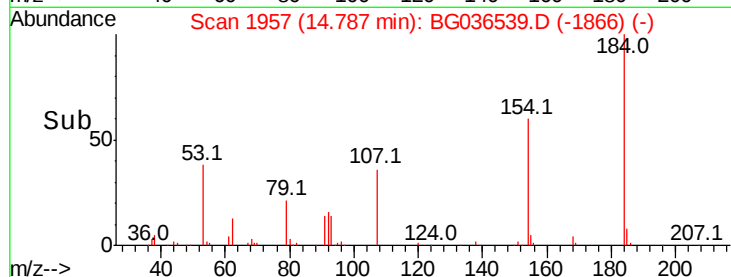
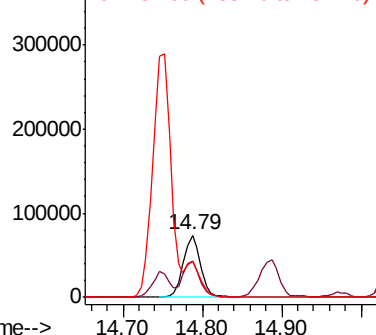
#53
 2,4-Dinitrophenol
 Concen: 106.762 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 114823
 Ion Ratio Lower Upper
 184 100
 63 59.3 47.3 70.9
 154 59.5 51.1 76.7

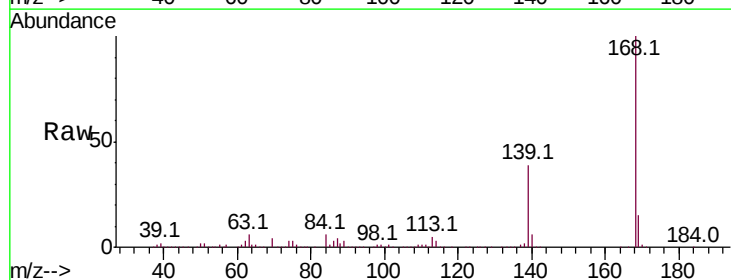


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

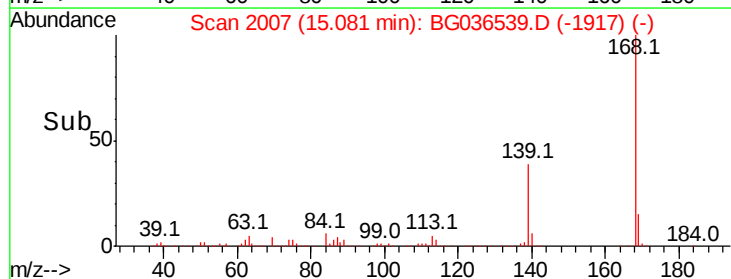
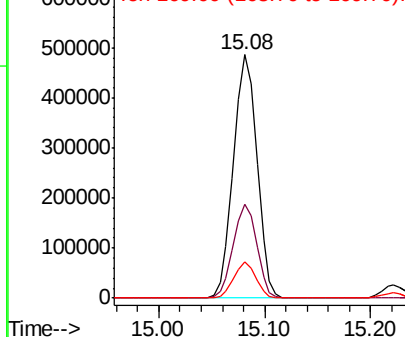


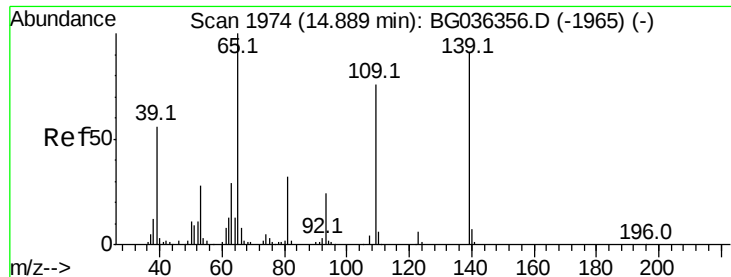
#54
 Dibenzofuran
 Concen: 44.573 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:168 Resp: 748473
 Ion Ratio Lower Upper
 168 100
 139 38.5 31.0 46.6
 169 15.0 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

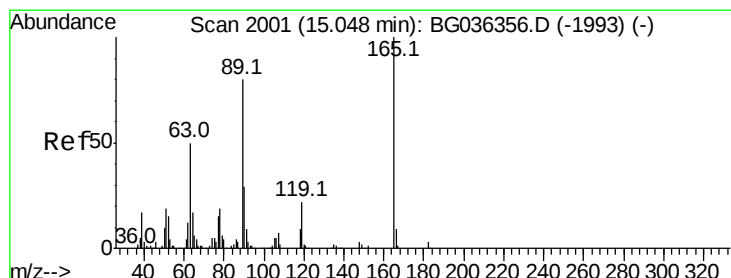
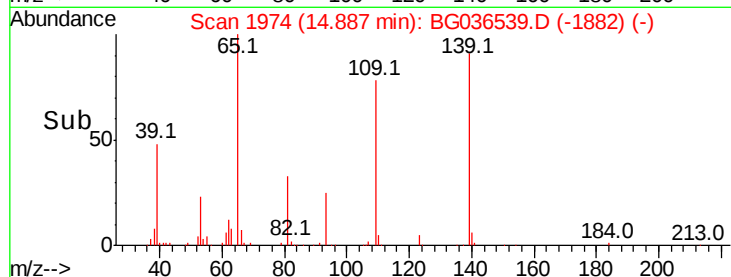
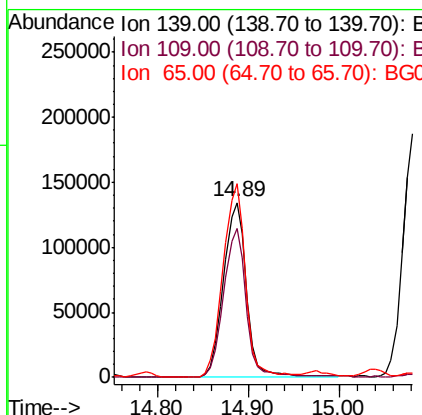
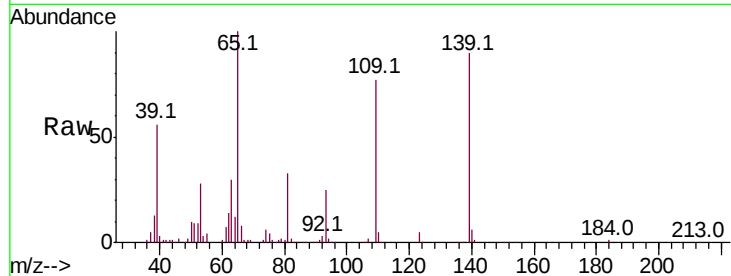




#55
4-Nitrophenol
Concen: 95.051 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

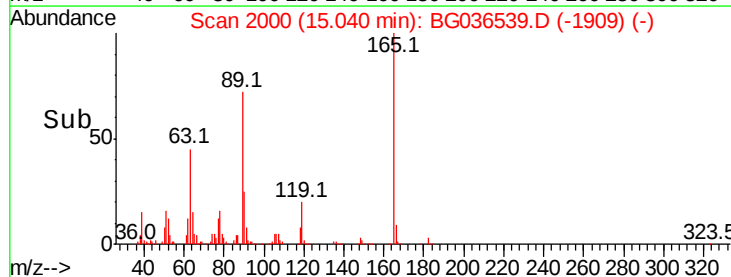
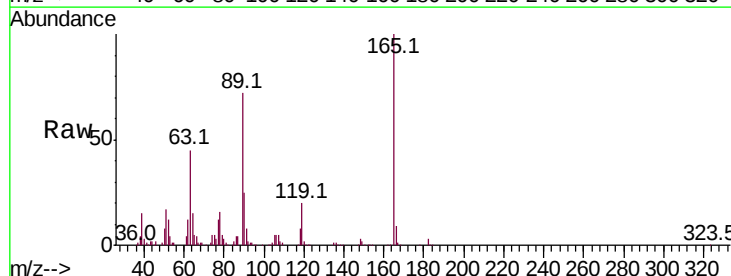
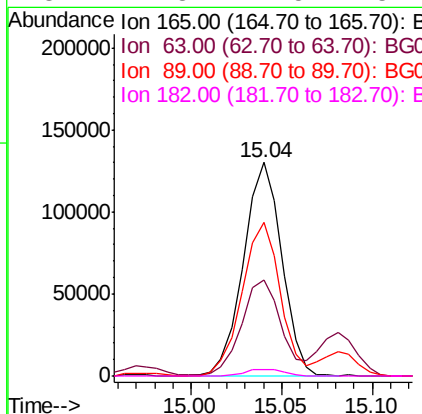
Instrument :
BNA_G
ClientSampled :

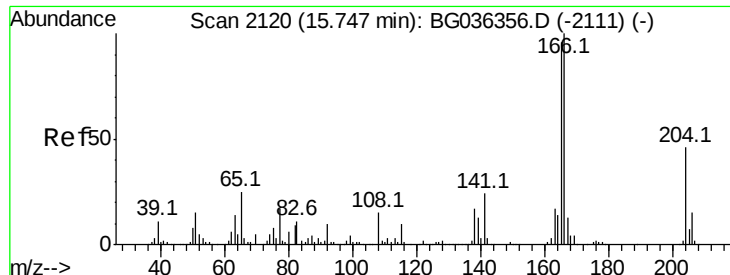
Tot Ion	Ratio	Lower	Upper
139	100		
109	85.3	63.9	103.9
65	110.9	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 51.750 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	40.1	60.1
89	71.8	63.7	95.5
182	2.8	2.5	3.7

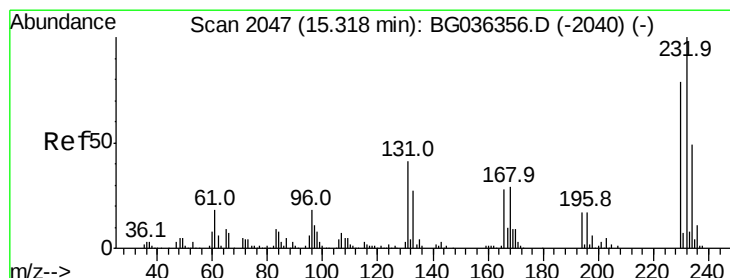
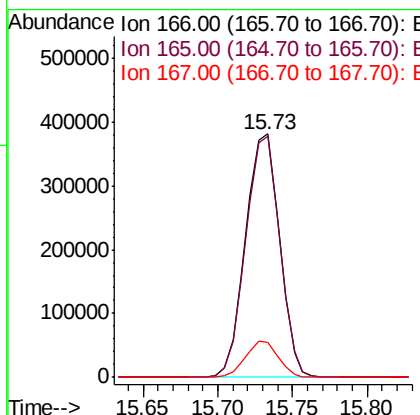
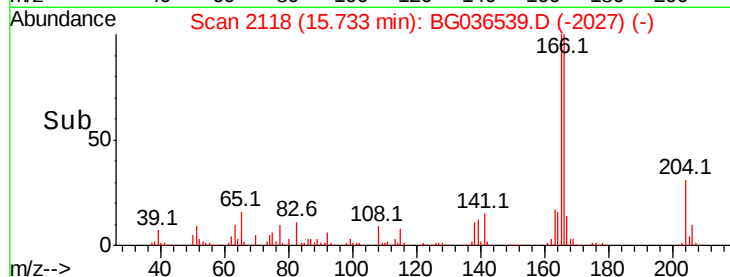
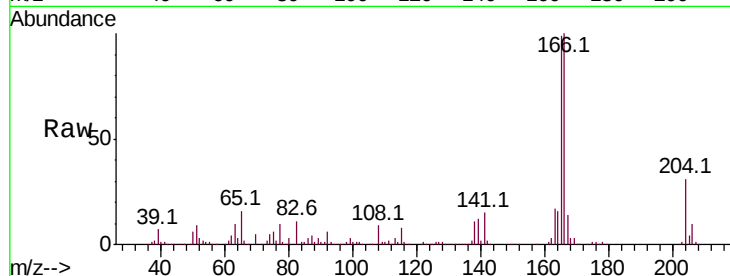




#57
 Fluorene
 Concen: 47.869 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

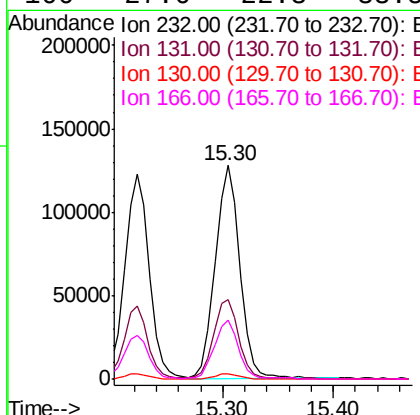
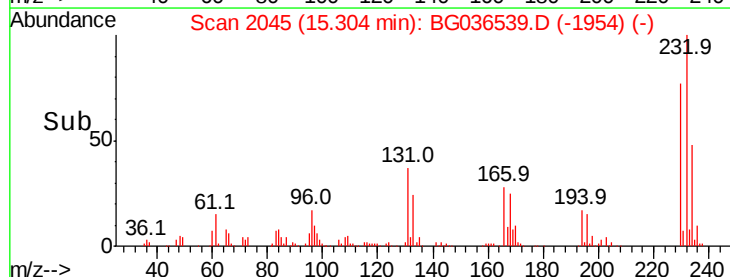
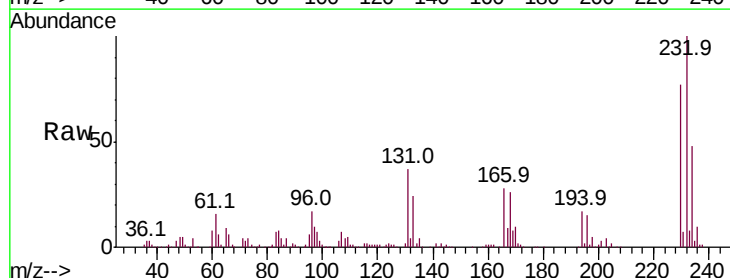
Instrument :
 BNA_G
 ClientSampleId :

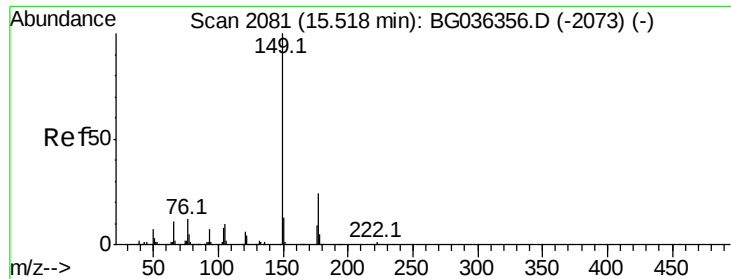
Tot Ion:166 Resp: 600907
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.0 115.4
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.836 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:232 Resp: 196533
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.8 50.8
 130 2.3 2.1 3.1
 166 27.6 22.3 33.5

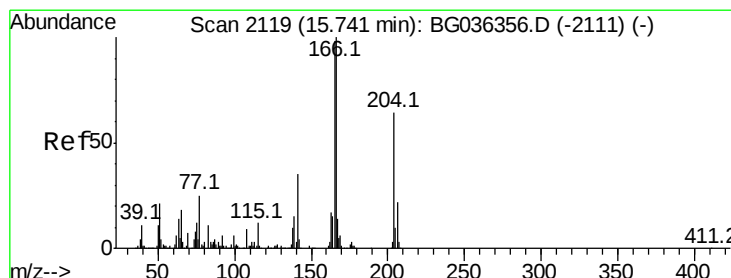
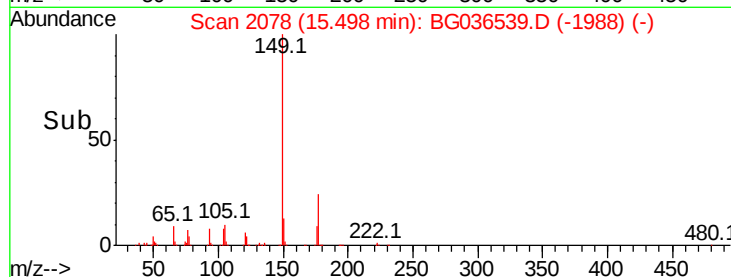
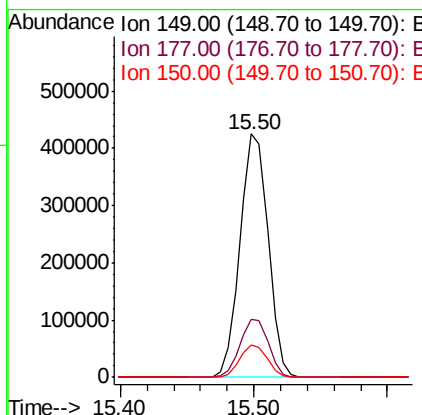
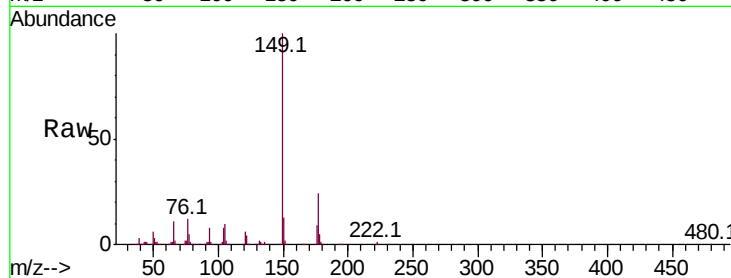




#59
Diethylphthalate
Concen: 44.547 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

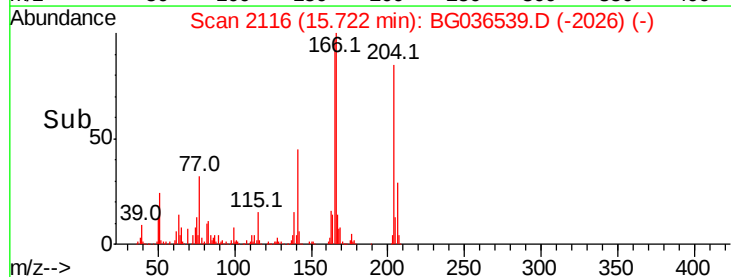
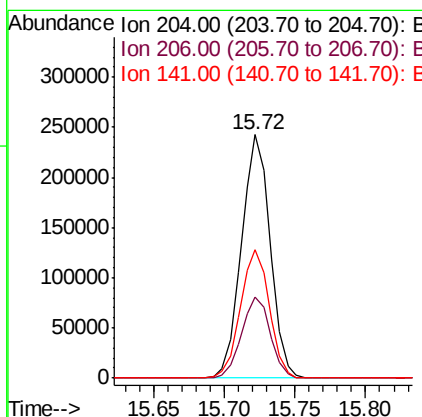
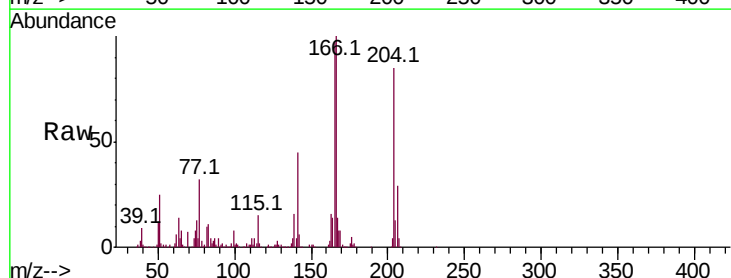
Instrument :
BNA_G
ClientSampleId :

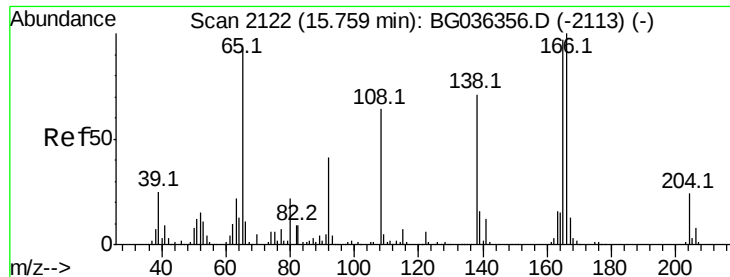
Tot Ion:149 Resp: 619477
Ion Ratio Lower Upper
149 100
177 23.6 19.1 28.7
150 13.1 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 44.309 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:204 Resp: 343458
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 52.7 43.8 65.6

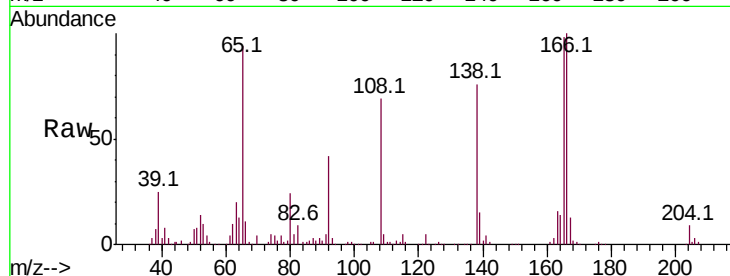




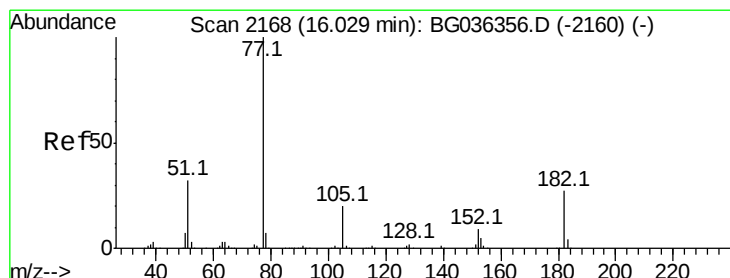
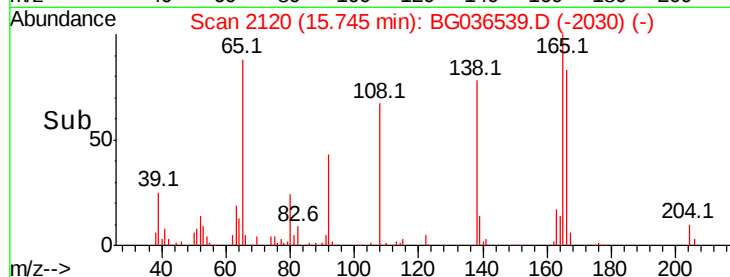
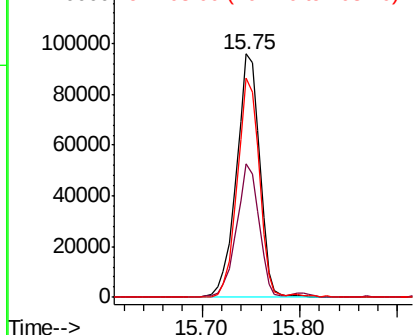
#61
4-Nitroaniline
Concen: 49.751 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 159297
Ion Ratio Lower Upper
138 100
92 55.0 38.5 78.5
108 90.1 70.3 110.3

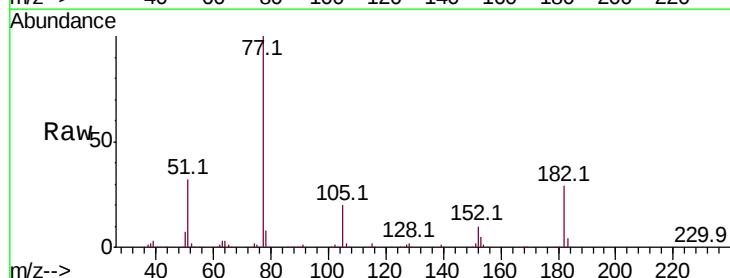


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

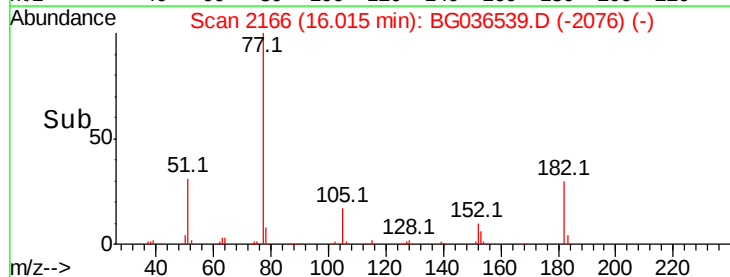
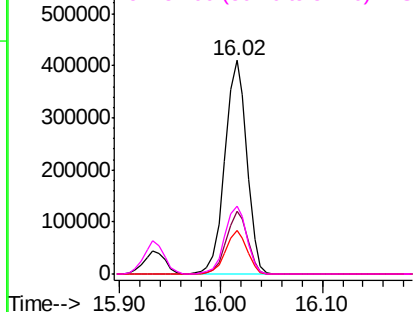


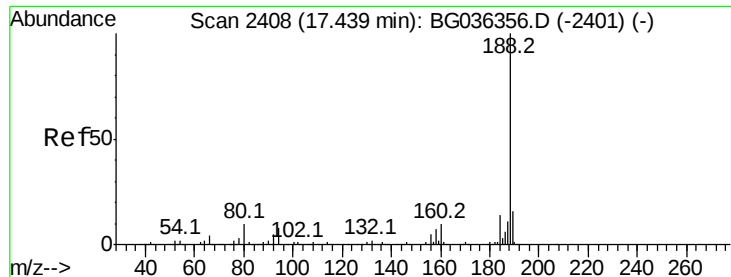
#62
Azobenzene
Concen: 43.486 ng
RT: 16.02 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion: 77 Resp: 615294
Ion Ratio Lower Upper
77 100
182 29.1 6.7 46.7
105 20.5 0.0 39.8
51 31.8 12.4 52.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

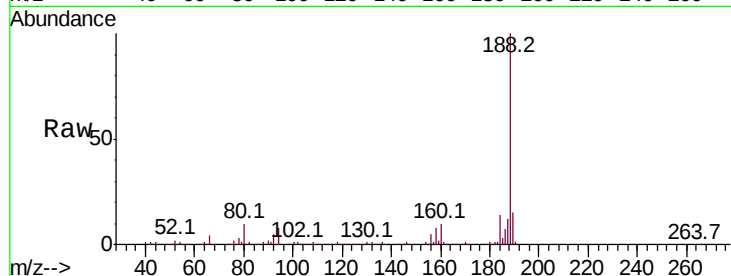
Tot Ion:188 Resp: 429081

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

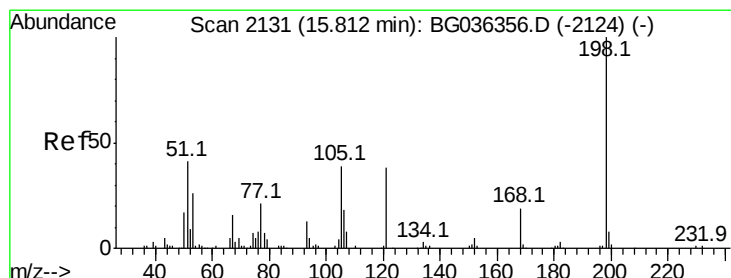
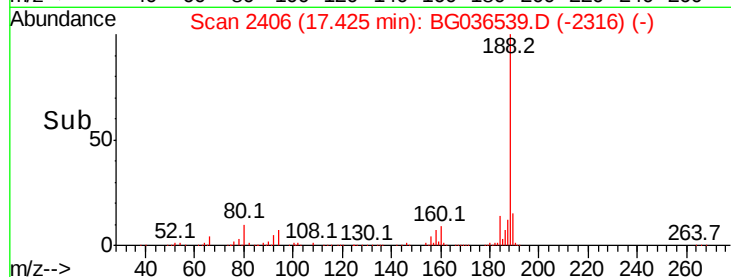
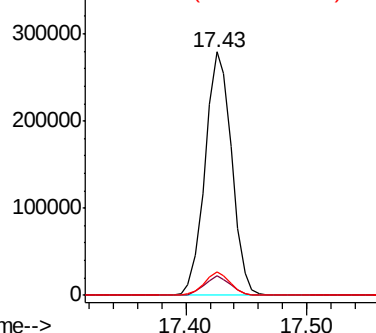
80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 50.331 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

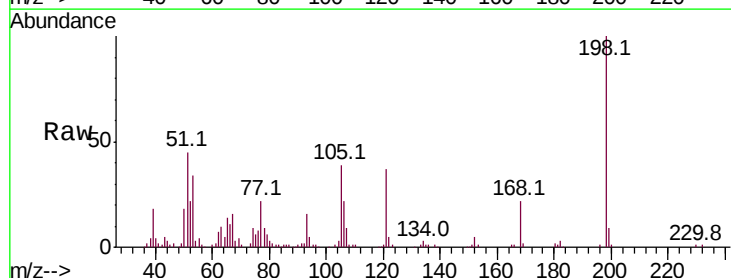
Tgt Ion:198 Resp: 94868

Ion Ratio Lower Upper

198 100

51 45.4 26.5 66.5

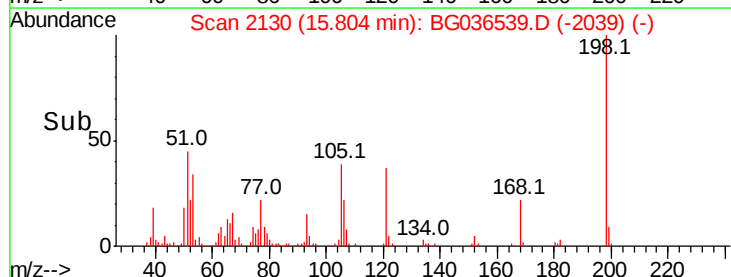
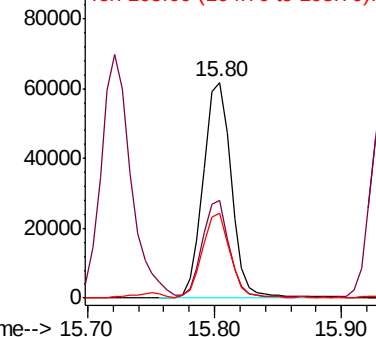
105 39.1 20.2 60.2

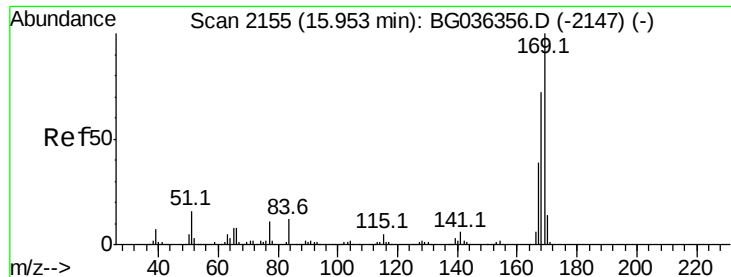


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

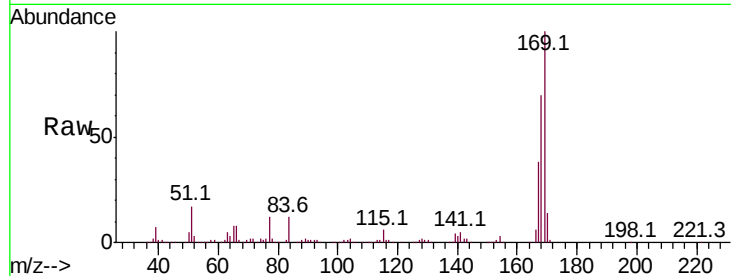




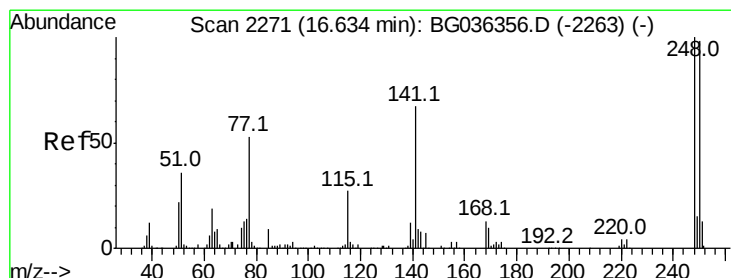
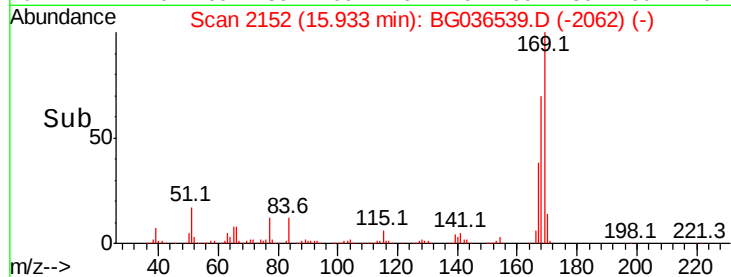
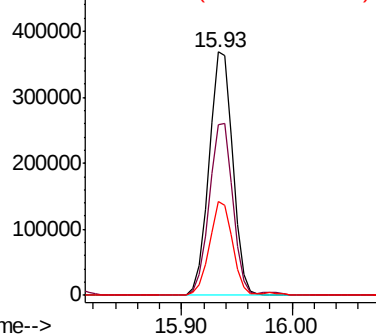
#65
n-Nitrosodiphenylamine
Concen: 43.683 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:169 Resp: 556935
Ion Ratio Lower Upper
169 100
168 69.9 57.6 86.4
167 38.4 31.0 46.4

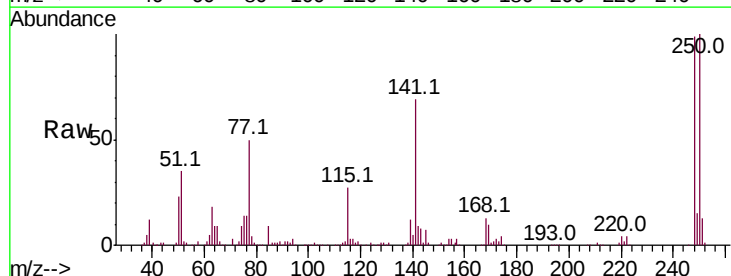


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

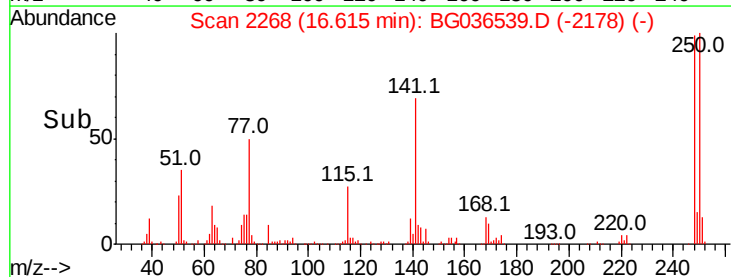
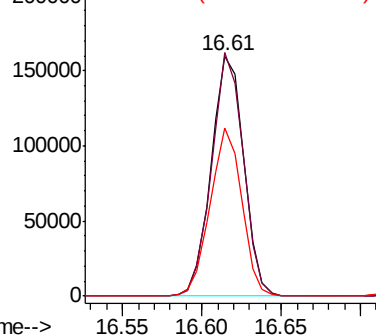


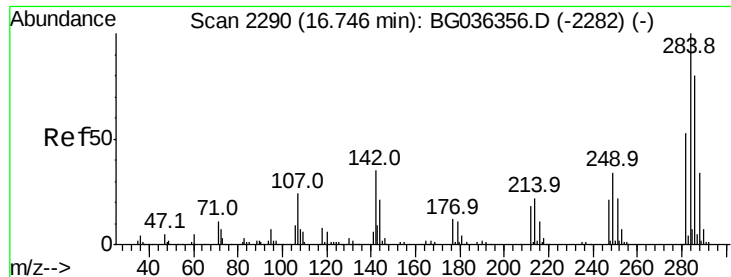
#66
4-Bromophenyl-phenylether
Concen: 45.435 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:248 Resp: 228251
Ion Ratio Lower Upper
248 100
250 101.5 78.1 117.1
141 70.1 53.7 80.5



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

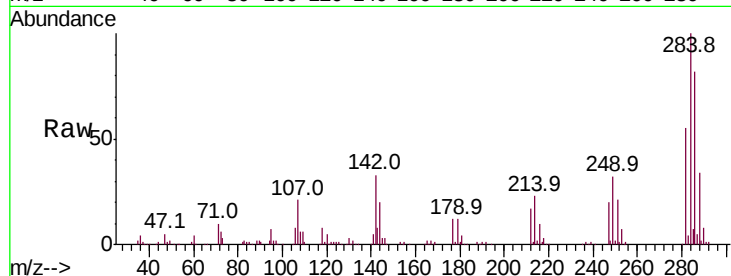




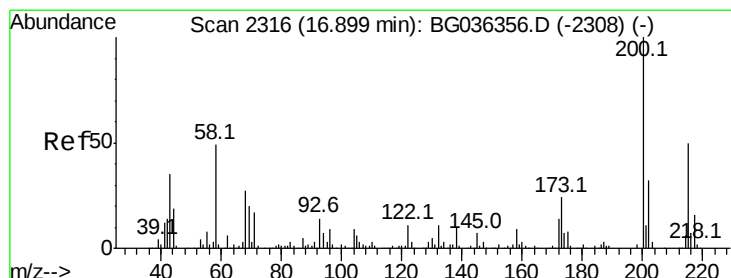
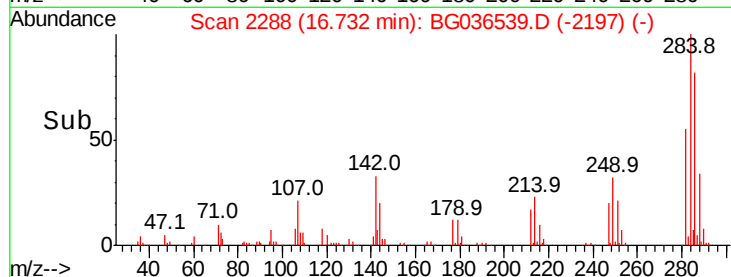
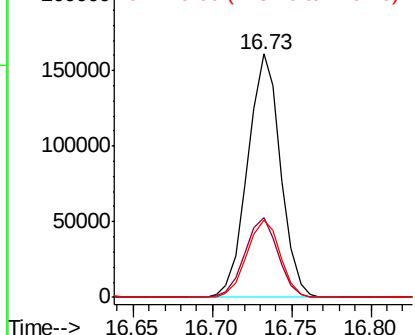
#67
Hexachlorobenzene
Concen: 45.103 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	31.9	27.4	41.2

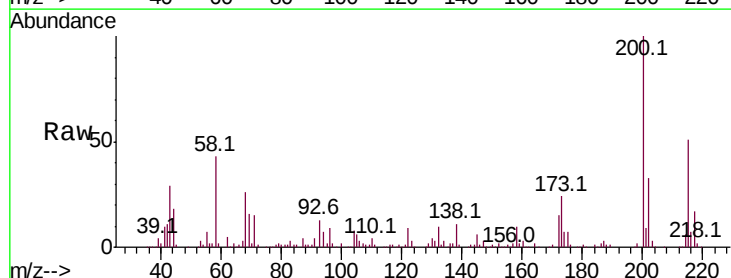


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

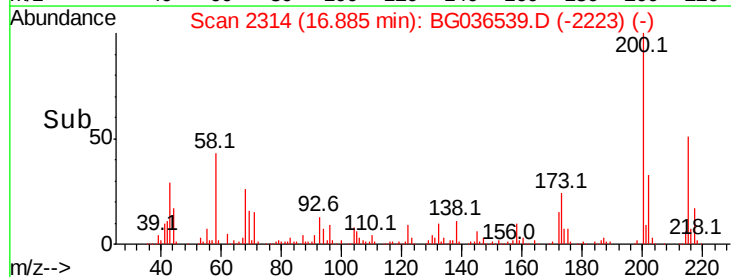
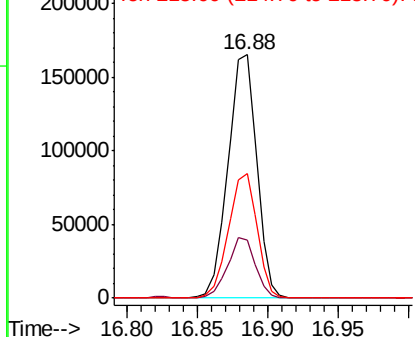


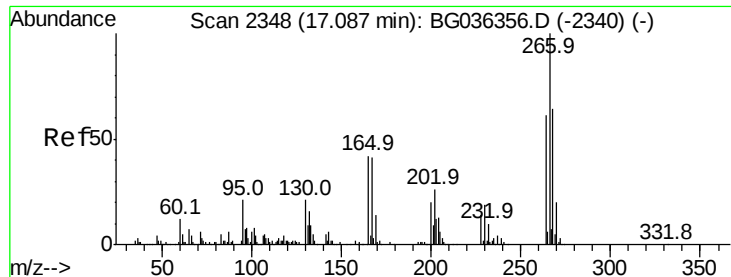
#68
Atrazine
Concen: 49.050 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.9	43.9
215	51.1	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

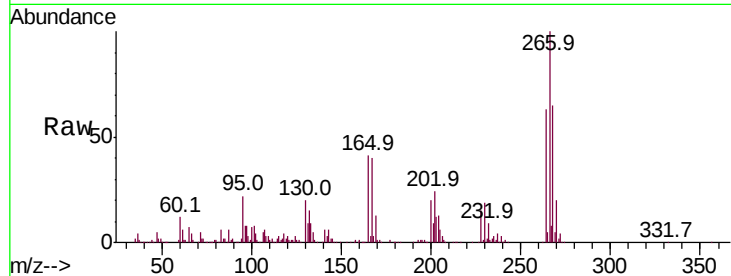




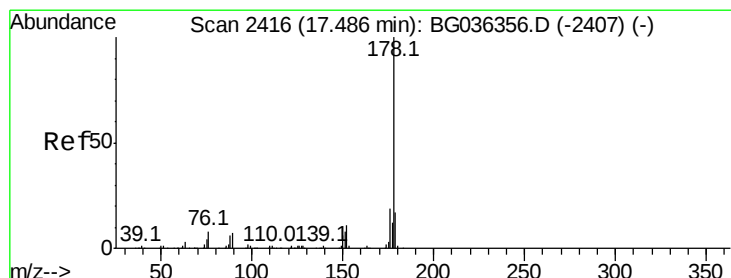
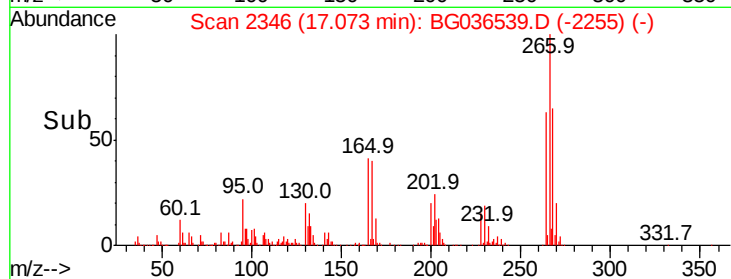
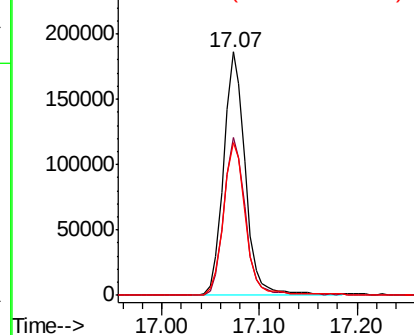
#69
 Pentachlorophenol
 Concen: 82.439 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.4	77.2
264	62.7	48.9	73.3

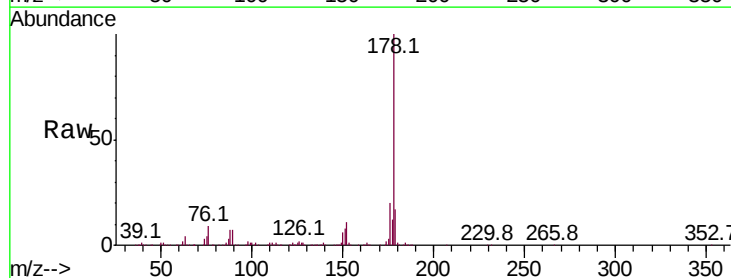


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

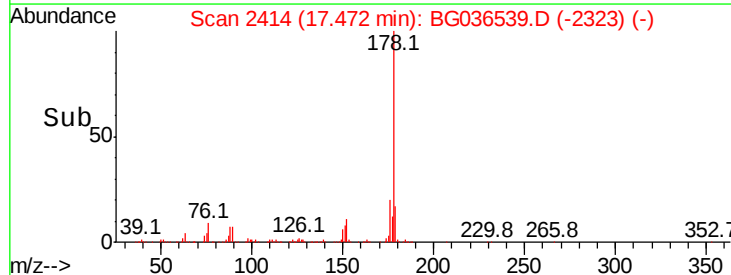
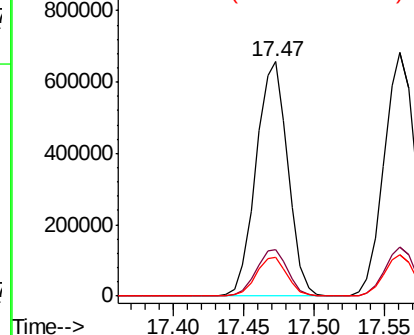


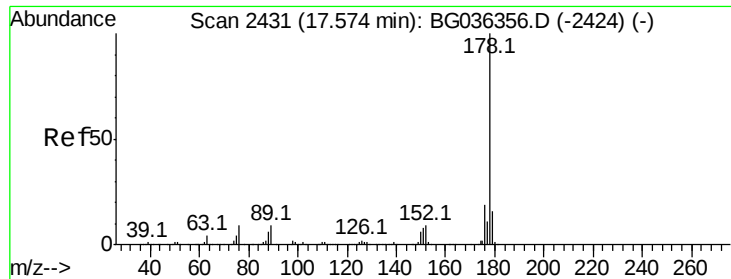
#70
 Phenanthrene
 Concen: 47.664 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	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

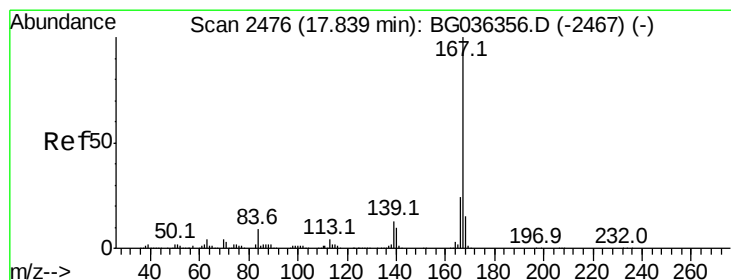
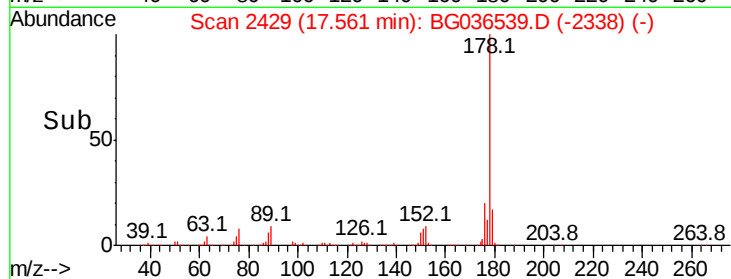
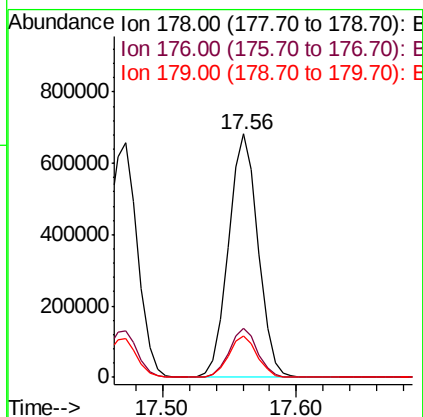
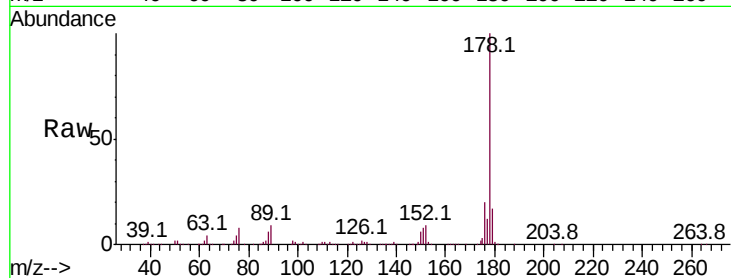




#71
 Anthracene
 Concen: 48.246 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

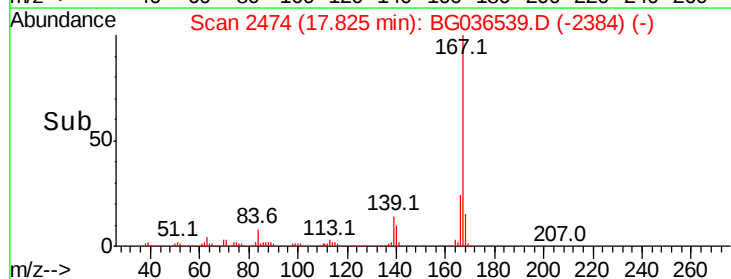
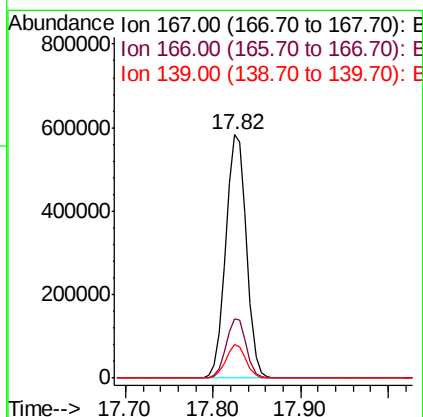
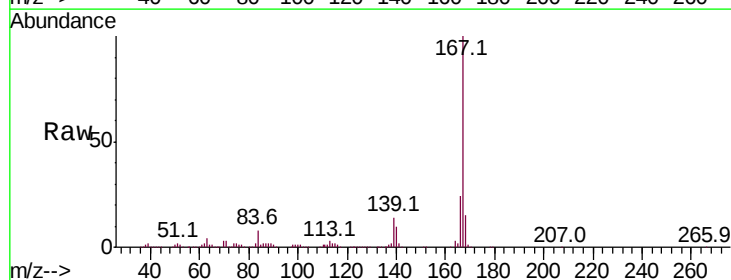
Instrument :
 BNA_G
 ClientSampleId :

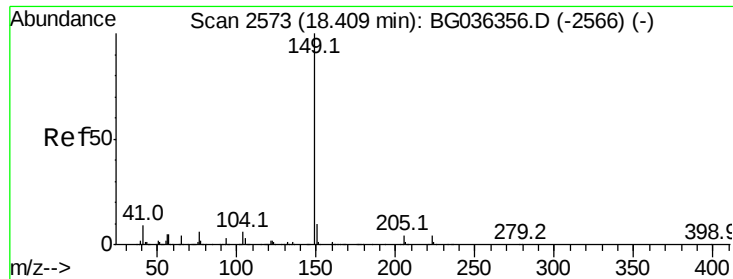
Tot Ion:178 Resp: 1048553
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.9 13.0 19.4



#72
 Carbazole
 Concen: 43.665 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:167 Resp: 947755
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 13.9 10.7 16.1





#73

Di-n-butylphthalate

Concen: 44.715 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

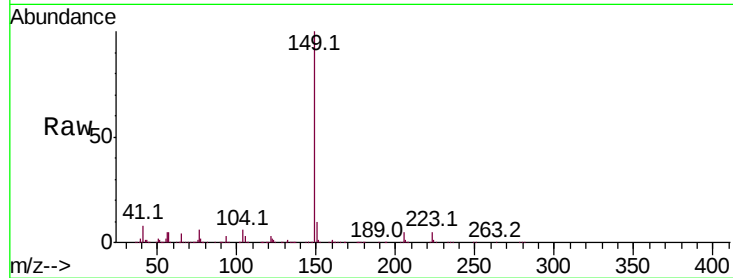
Tot Ion:149 Resp: 1080772

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

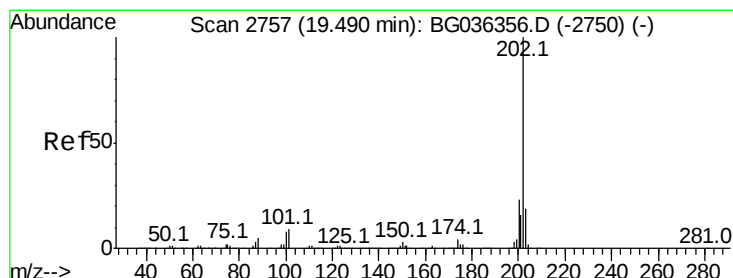
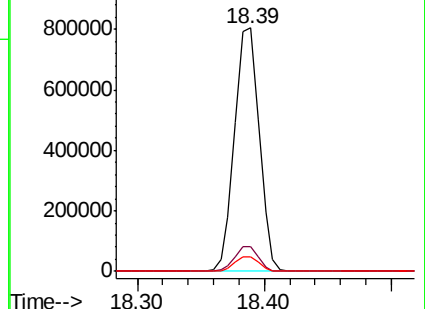
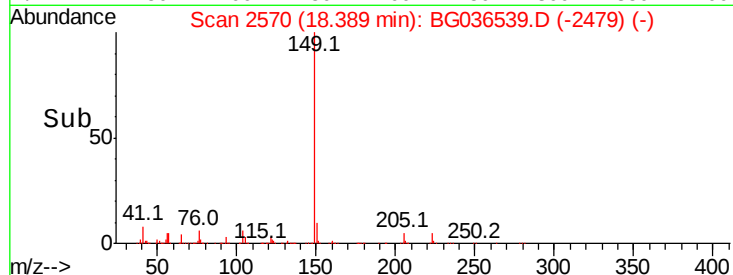
104 6.0 4.6 6.8



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: 48.715 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

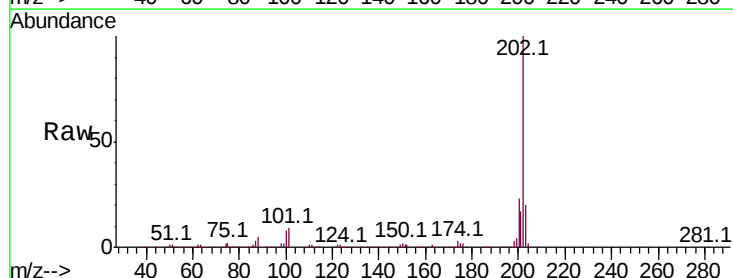
Tgt Ion:202 Resp: 1294962

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.4

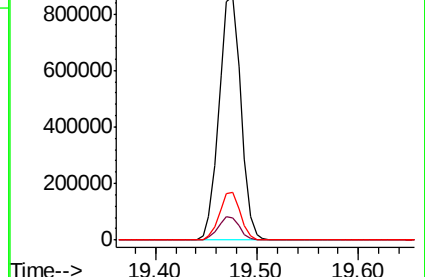
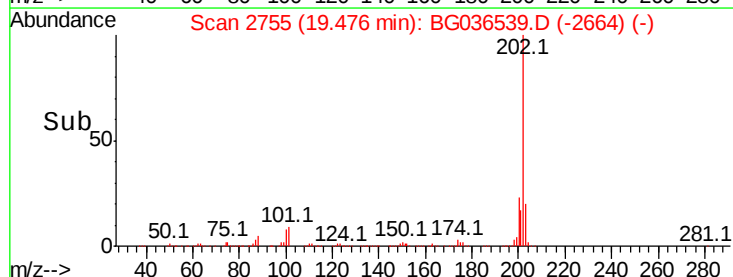
203 19.8 0.0 38.9

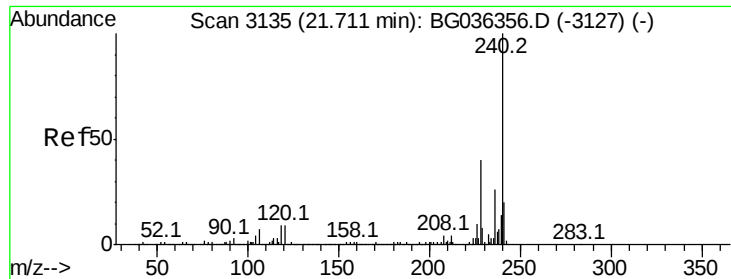


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3133

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

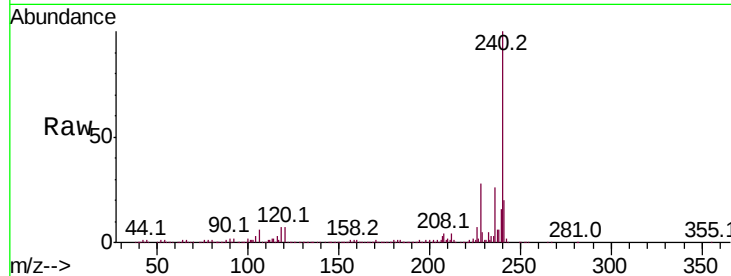
Tot Ion:240 Resp: 451289

Ion Ratio Lower Upper

240 100

120 7.3 6.9 10.3

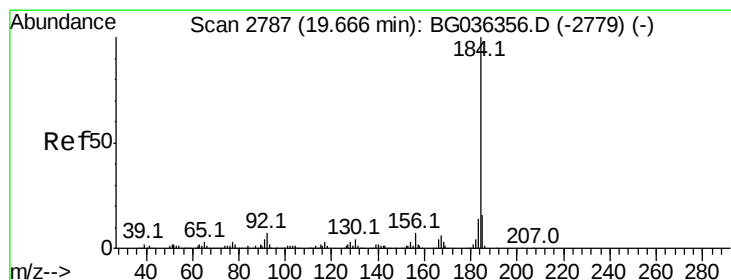
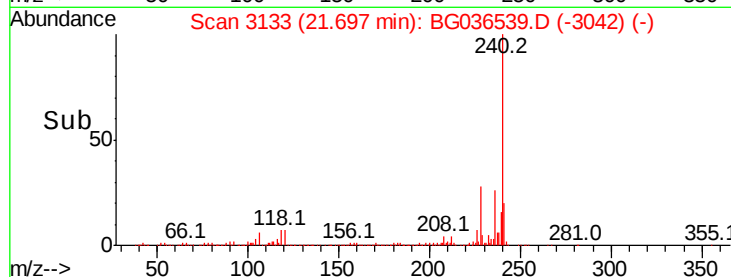
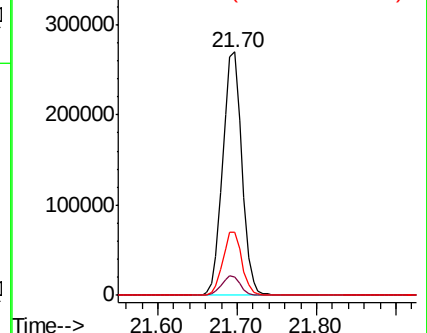
236 26.1 21.2 31.8



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: 42.363 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

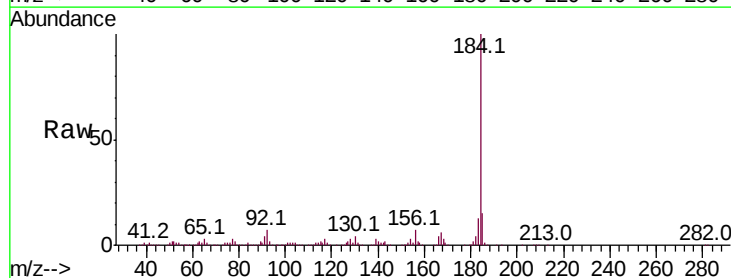
Tgt Ion:184 Resp: 609950

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

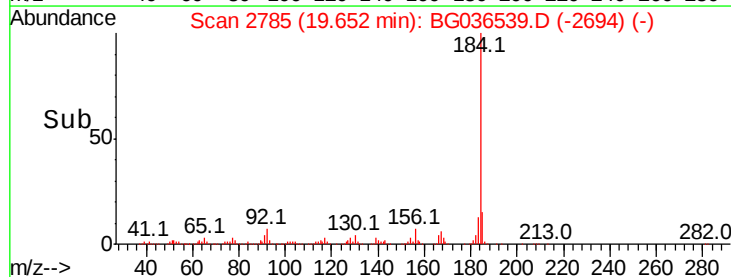
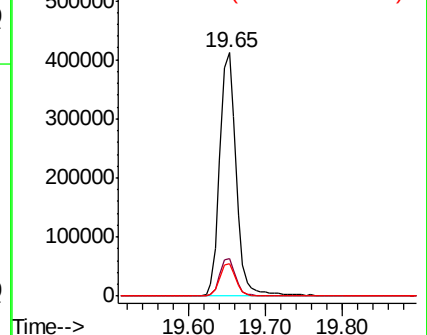
183 13.3 10.9 16.3

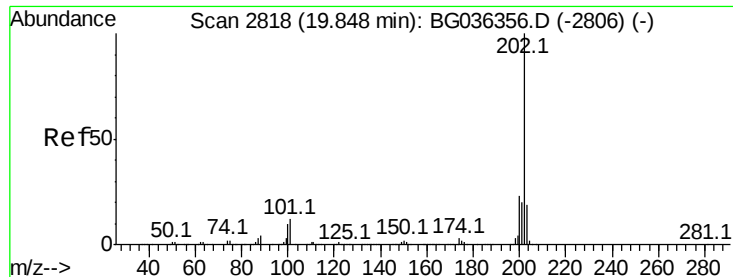


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

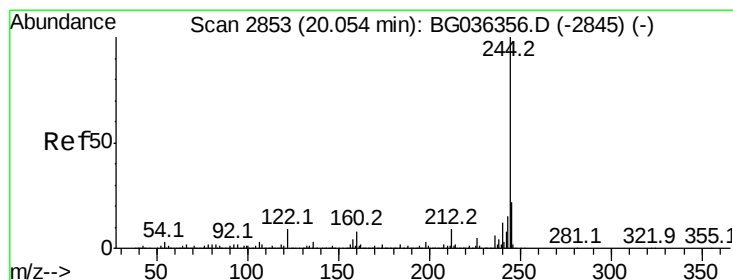
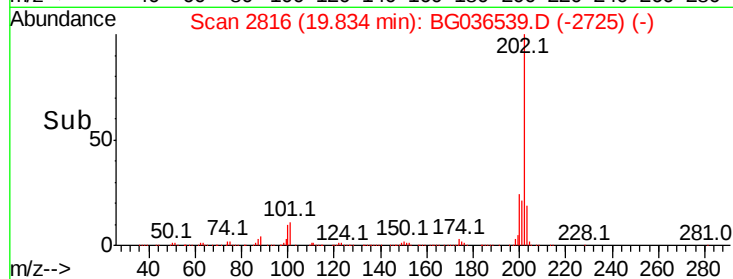
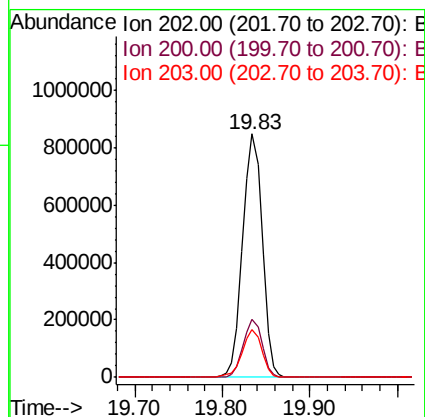
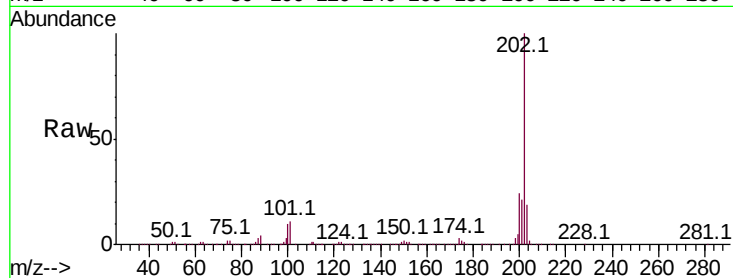




#77
 Pvrene
 Concen: 45.950 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

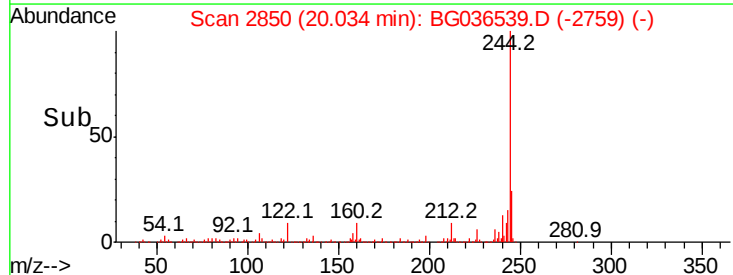
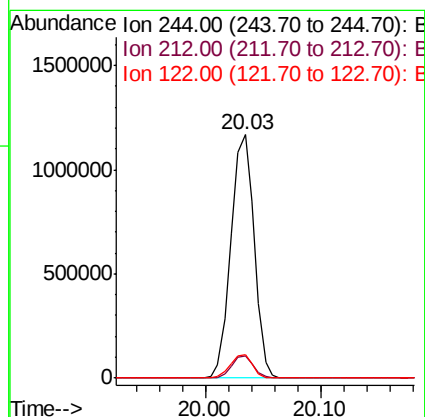
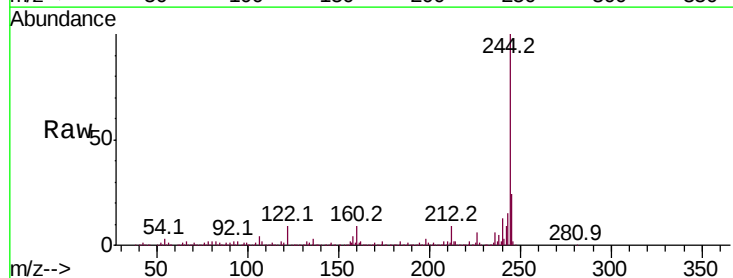
Instrument :
 BNA_G
 ClientSampleId :

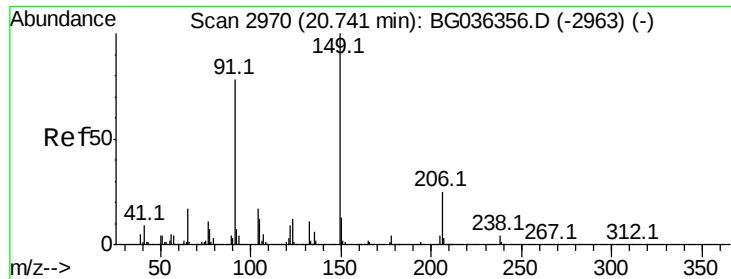
Tot Ion:202 Resp: 1275174
 Ion Ratio Lower Upper
 202 100
 200 24.0 18.3 27.5
 203 19.5 15.1 22.7



#78
 Terphenyl-d14
 Concen: 84.523 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:244 Resp: 1631946
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.0 10.6
 122 9.4 7.1 10.7

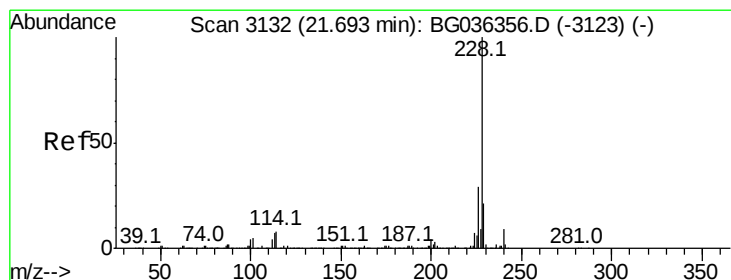
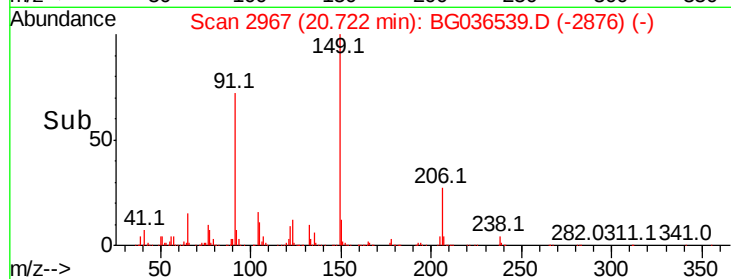
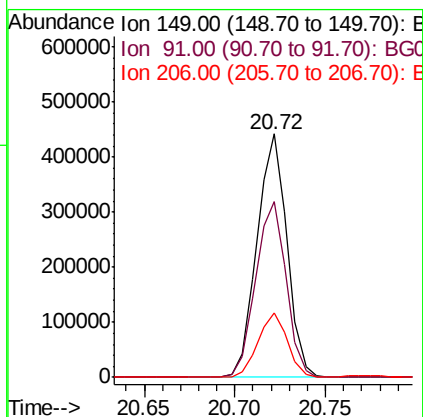
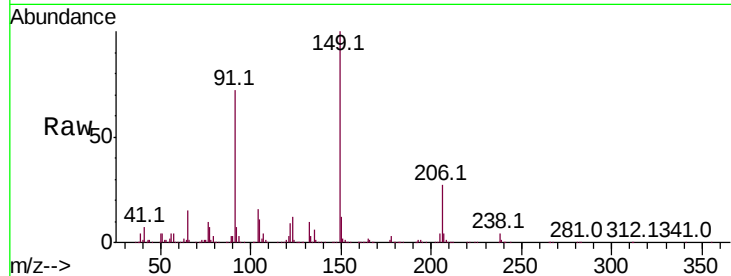




#79
 Butylbenzylphthalate
 Concen: 46.406 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

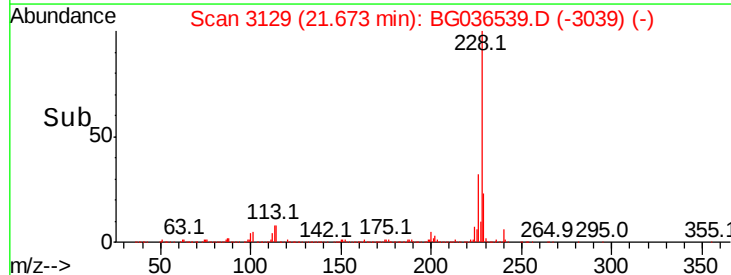
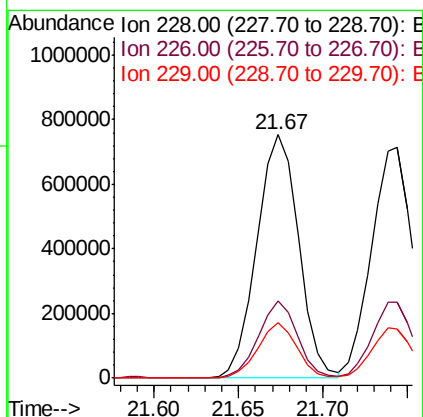
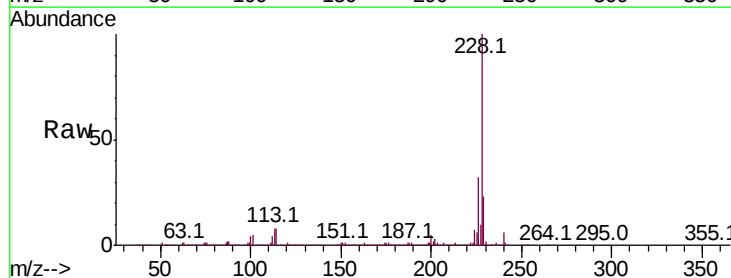
Instrument :
 BNA_G
 ClientSampled :

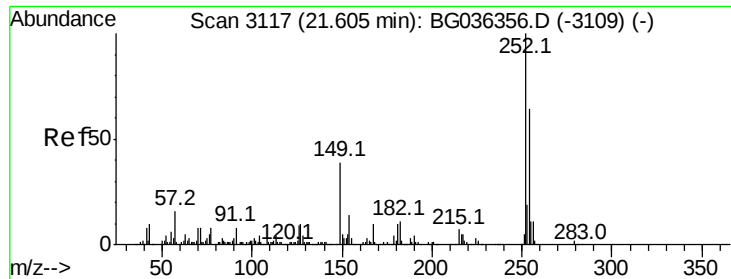
Tot Ion:149 Resp: 512528
 Ion Ratio Lower Upper
 149 100
 91 72.1 62.0 93.0
 206 26.5 19.6 29.4



#80
 Benzo(a)anthracene
 Concen: 47.464 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:228 Resp: 1297668
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.4 35.2
 229 22.6 17.1 25.7



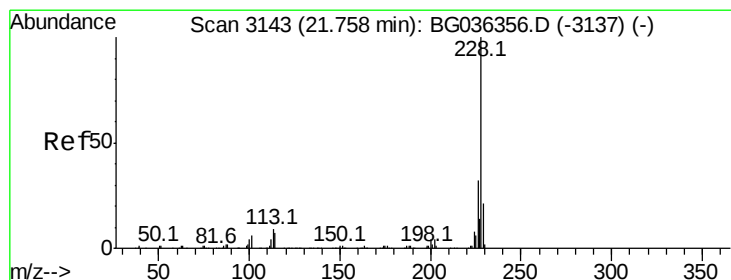
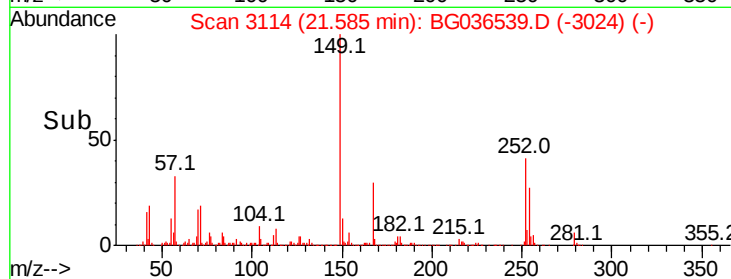
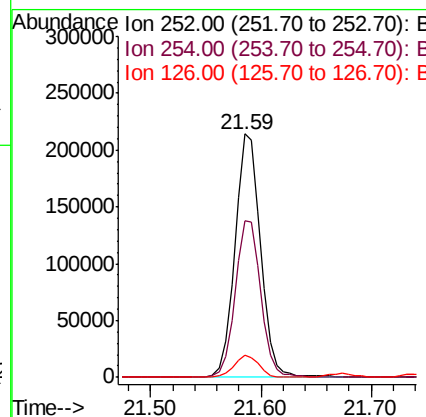
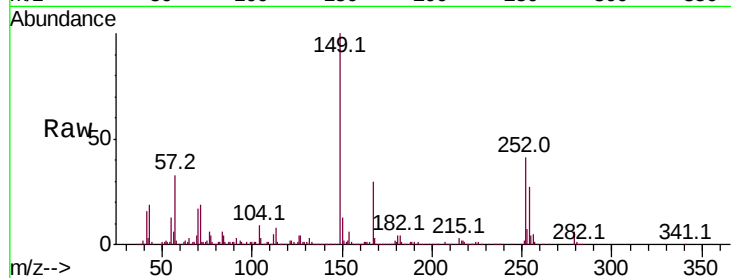


#81
 3,3'-Dichlorobenzidine
 Concen: 32.009 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 348769

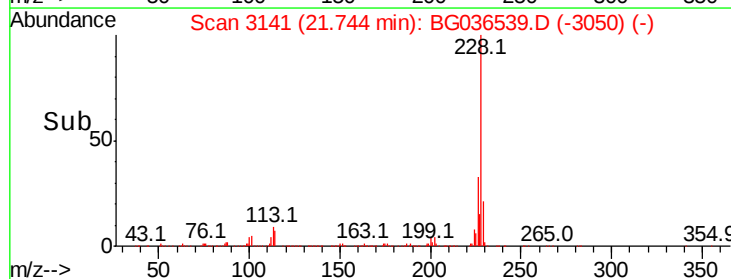
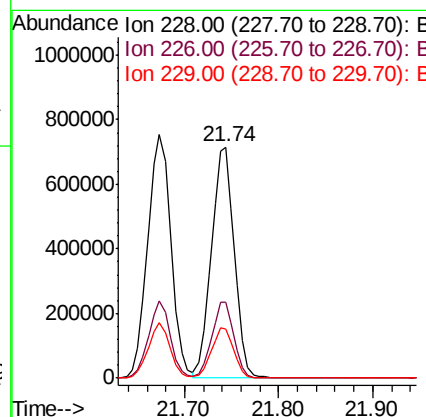
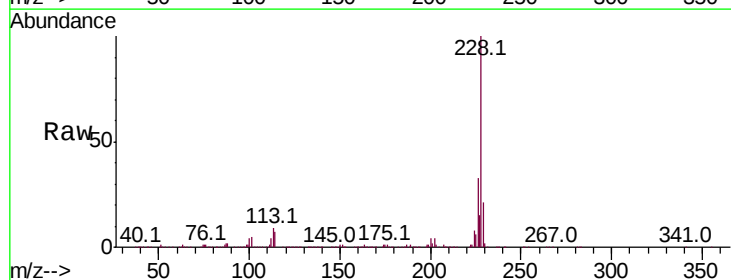
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.4
126	9.0	7.4	11.0

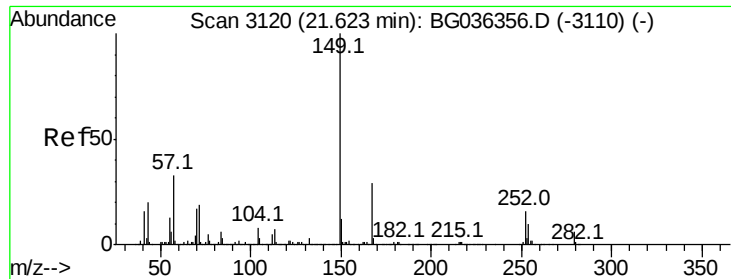


#82
 Chrysene
 Concen: 47.018 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:228 Resp: 1218443

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.5	38.3
229	21.5	16.9	25.3

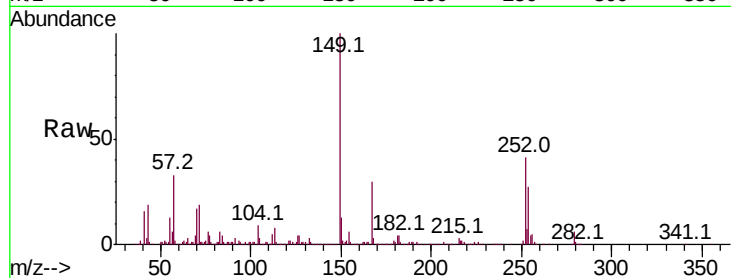




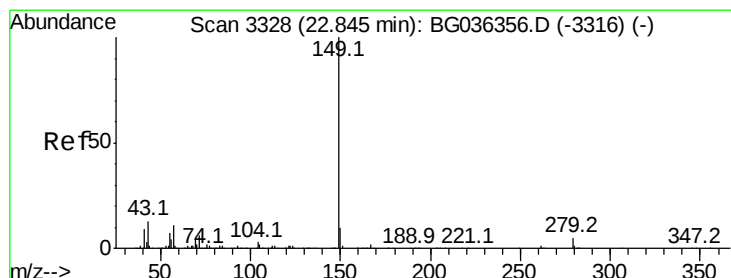
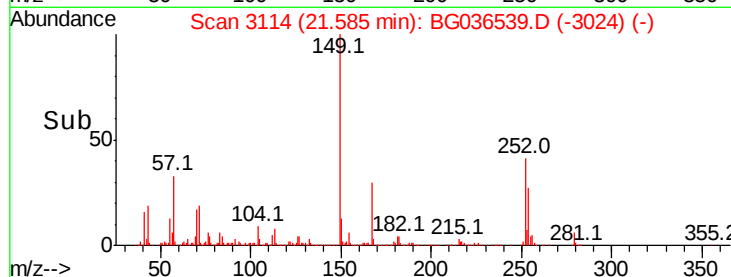
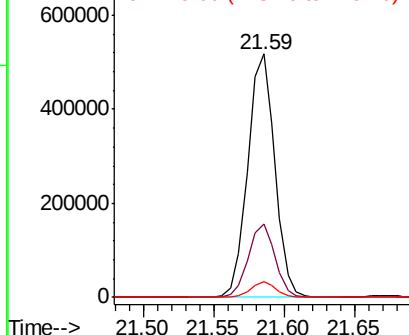
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.046 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 696177
 Ion Ratio Lower Upper
 149 100
 167 30.4 23.4 35.0
 279 6.4 4.6 7.0

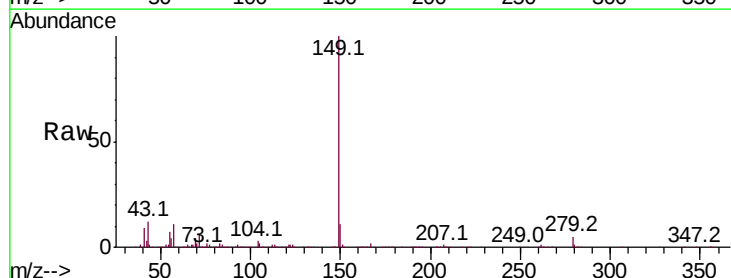


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

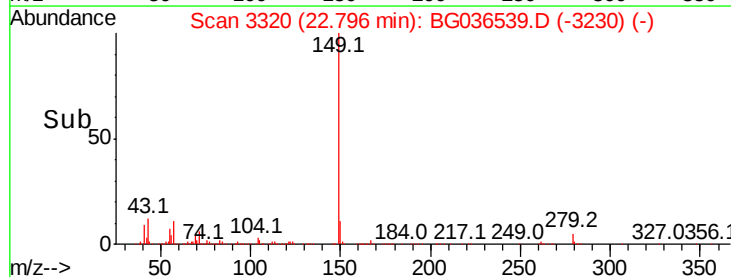
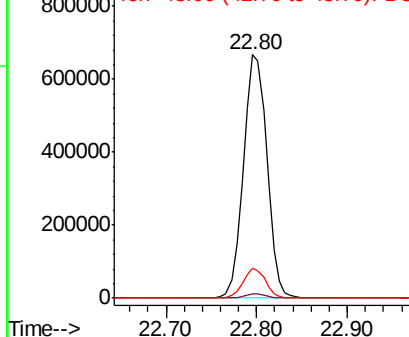


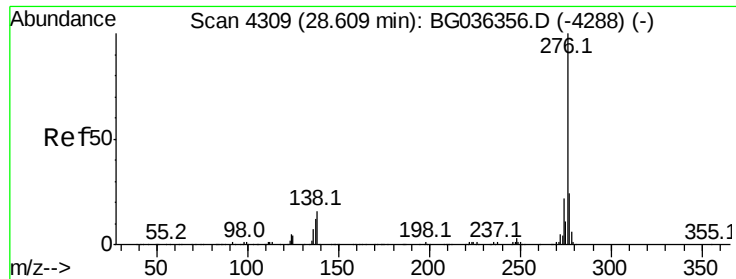
#84
 Di-n-octyl phthalate
 Concen: 46.448 ng
 RT: 22.80 min Scan# 3320
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:149 Resp: 1199022
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.6 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): BG

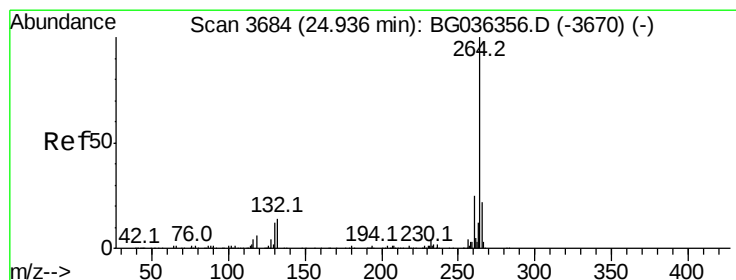
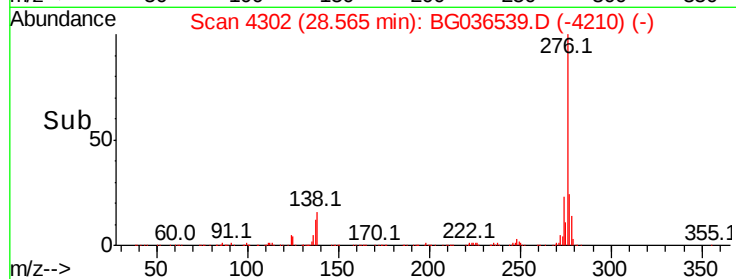
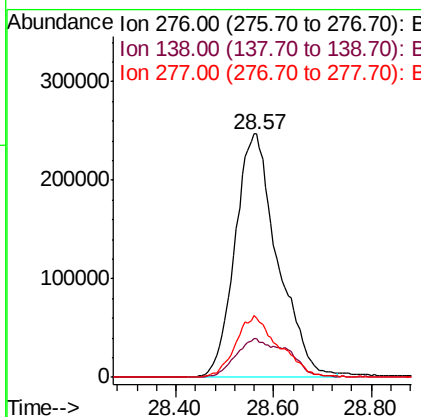
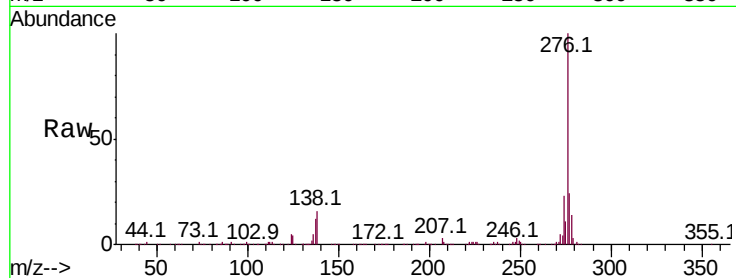




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.643 ng
 RT: 28.57 min Scan# 4302
 Delta R.T. 0.01 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

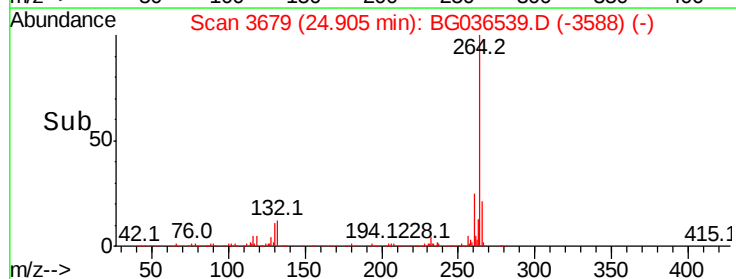
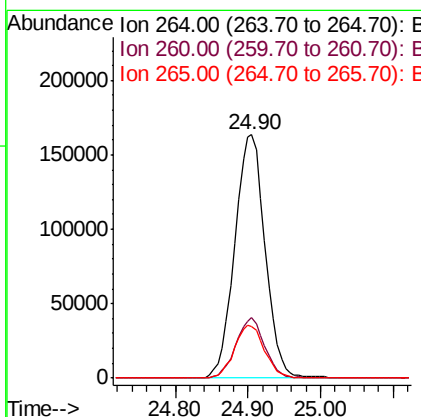
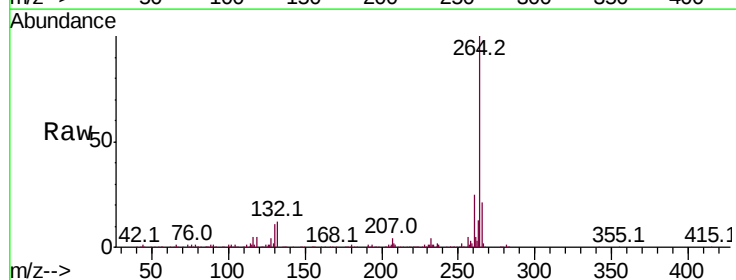
Instrument :
 BNA_G
 ClientSampleId :

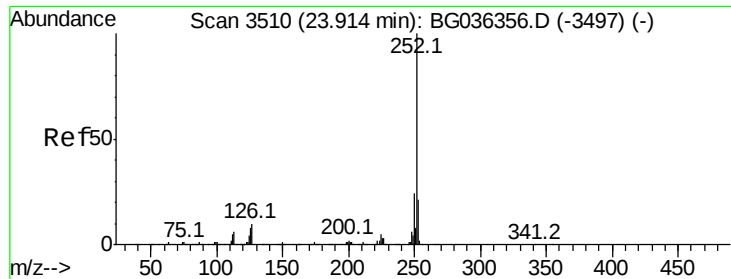
Tot Ion:276 Resp: 1494220
 Ion Ratio Lower Upper
 276 100
 138 19.4 10.6 15.8#
 277 25.9 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:264 Resp: 474260
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.4 17.4 26.0

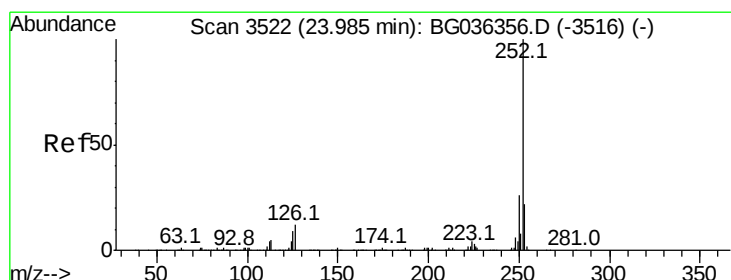
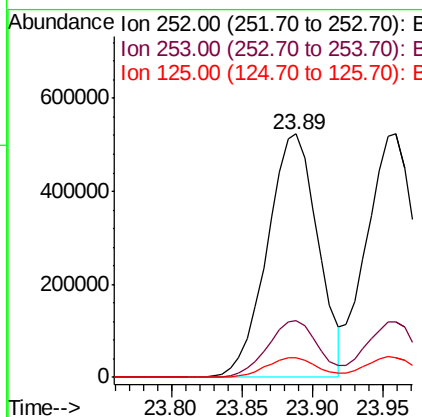
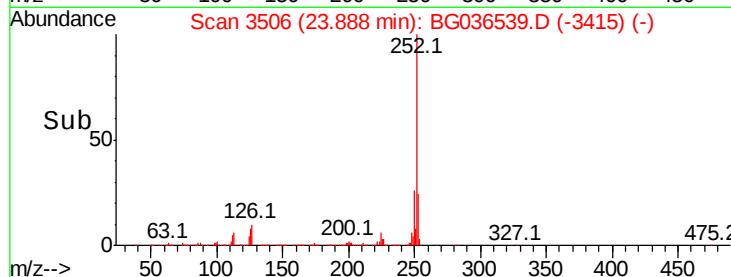
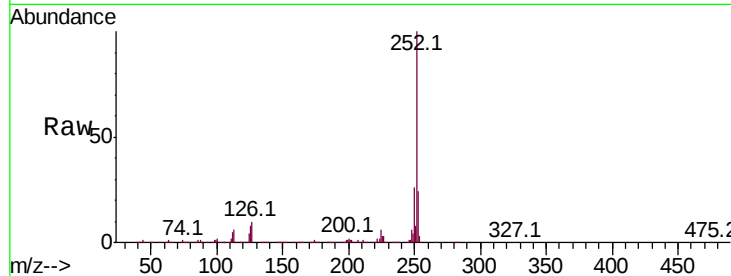




#87
Benzo(b)fluoranthene
Concen: 49.706 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

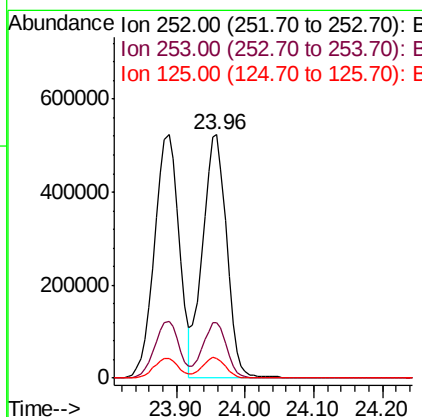
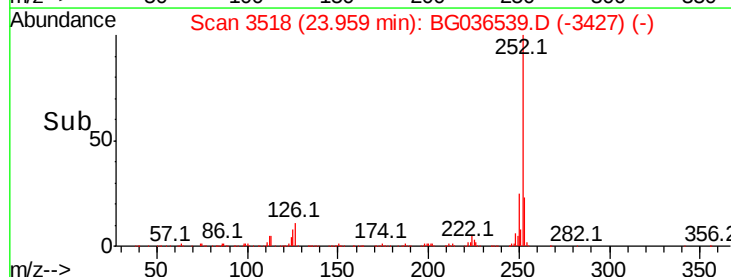
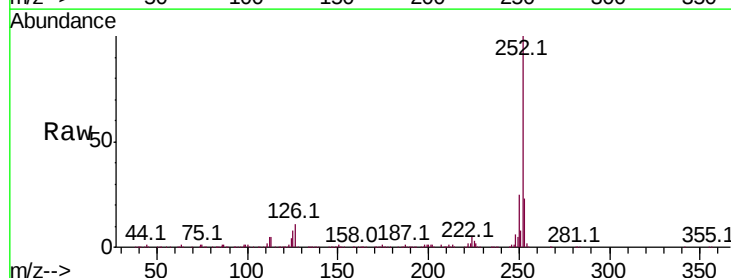
Instrument :
BNA_G
ClientSampleId :

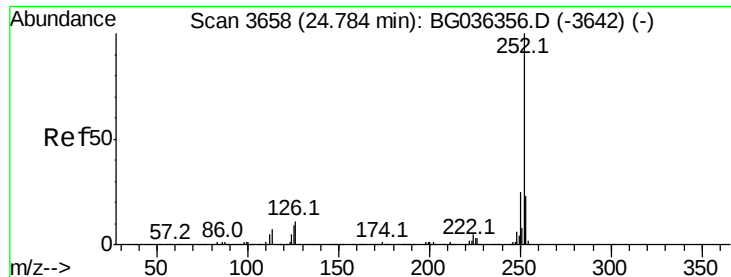
Tot Ion:252 Resp: 1309032
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 8.2 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 49.687 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:252 Resp: 1278397
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.1 7.0 10.6

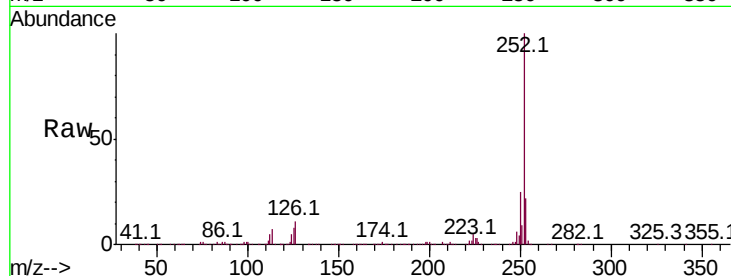




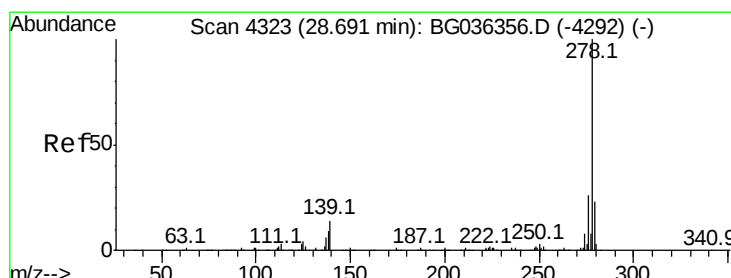
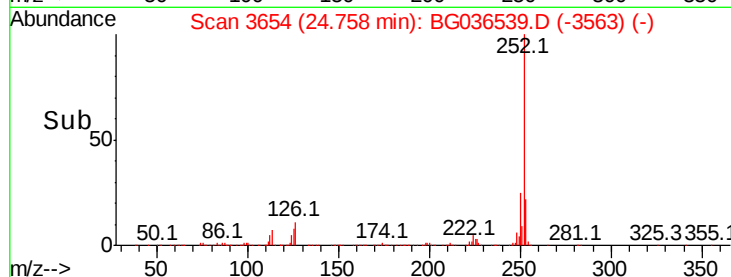
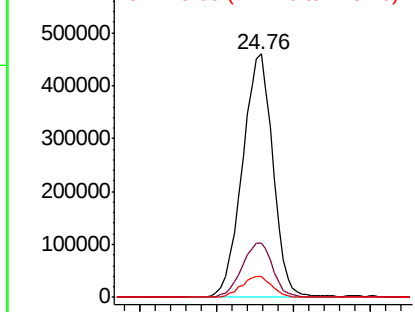
#89
Benzo(a)pyrene
Concen: 50.439 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1276440
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.3 7.3 10.9

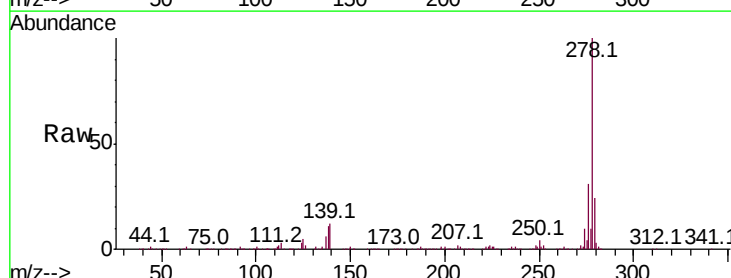


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

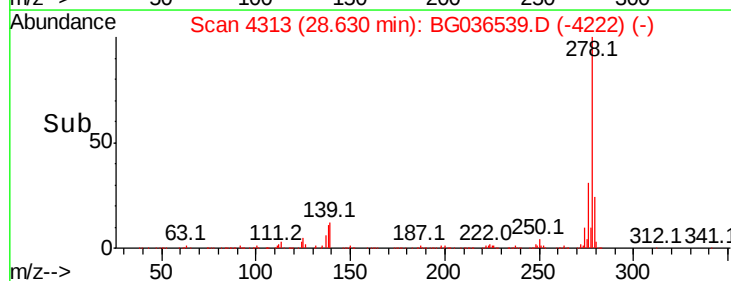
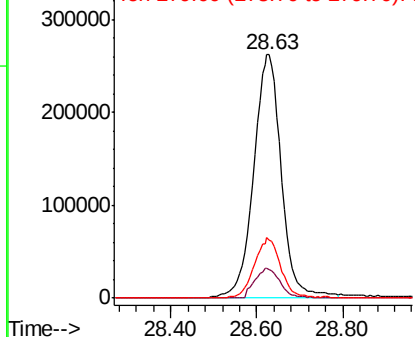


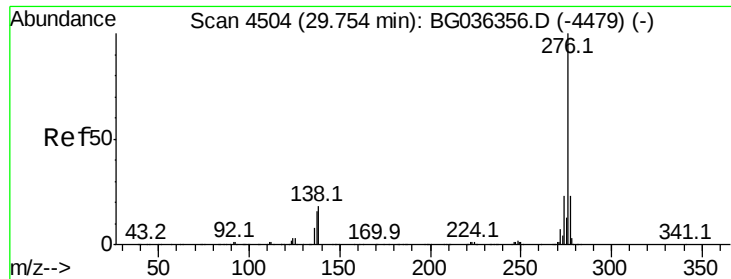
#90
Dibenzo(a,h)anthracene
Concen: 49.176 ng
RT: 28.63 min Scan# 4313
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:278 Resp: 1201416
Ion Ratio Lower Upper
278 100
139 11.7 11.0 16.4
279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.619 ng
 RT: 29.71 min Scan# 4496
 Delta R.T. 0.01 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1242764
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.4 27.6
 138 16.3 14.6 22.0

