

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036439.D
 Acq On : 27 Aug 2018 19:58
 Operator : JU/SJ
 Sample : J4583-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:28:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59581	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	247230	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	159960	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	403605	20.00	ng	0.00
75) Chrysene-d12	21.70	240	424203	20.00	ng	-0.01
86) Perylene-d12	24.91	264	447980	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	391197	104.15	ng	0.00
7) Phenol-d6	7.22	99	543409	101.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	314731	69.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	216884	113.63	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	714942	63.82	ng	-0.01
78) Terphenyl-d14	20.04	244	1273110	70.15	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	46700	26.642	ng	99
3) Pyridine	3.93	79	131417	26.709	ng	95
4) n-Nitrosodimethylamine	3.85	42	69682	31.797	ng	87
6) Aniline	7.39	93	173997	25.491	ng	98
8) 2-Chlorophenol	7.63	128	139331	34.207	ng	98
9) Benzaldehyde	7.20	77	99500	26.869	ng	99
10) Phenol	7.25	94	201710	35.843	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	138299	30.998	ng	97
12) 1,3-Dichlorobenzene	7.96	146	144890	31.153	ng	97
13) 1,4-Dichlorobenzene	8.10	146	145891	31.069	ng	98
14) 1,2-Dichlorobenzene	8.42	146	139444	31.095	ng	95
15) Benzyl Alcohol	8.30	79	138737	32.003	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	267455	29.726	ng	99
17) 2-Methylphenol	8.50	107	132591	35.483	ng	97
18) Hexachloroethane	9.15	117	52452	31.155	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	117732	29.294	ng	94
20) 3+4-Methylphenols	8.83	107	178396	34.195	ng	99
22) Acetophenone	8.88	105	221533	34.123	ng	98
24) Nitrobenzene	9.27	77	167878	34.166	ng	96
25) Isophorone	9.79	82	330379	36.498	ng	96
26) 2-Nitrophenol	9.98	139	67063	34.443	ng	96
27) 2,4-Dimethylphenol	10.04	122	143881	39.913	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	193389	34.810	ng	99
29) 2,4-Dichlorophenol	10.51	162	150897	38.195	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	151195	32.714	ng	97
31) Naphthalene	10.92	128	448072	36.255	ng	98
32) Benzoic acid	10.11	122	31478	15.158	ng	95
33) 4-Chloroaniline	11.02	127	135518	23.929	ng	99
34) Hexachlorobutadiene	11.21	225	102021	32.855	ng	99
35) Caprolactam	11.79	113	34959	22.213	ng	# 82
36) 4-Chloro-3-methylphenol	12.14	107	167550	36.499	ng	99
37) 2-Methylnaphthalene	12.52	142	344248	38.068	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	195235	34.489	ng	98
40) Hexachlorocyclopentadiene	12.87	237	206058	69.961	ng	99

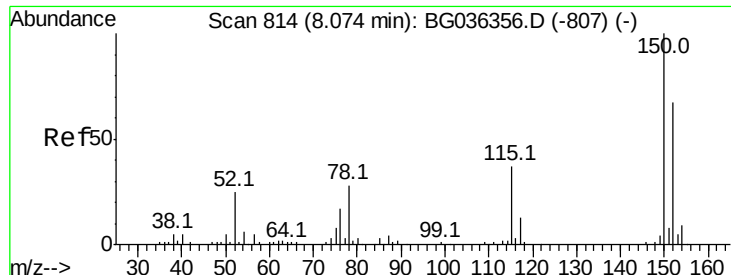
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036439.D
 Acq On : 27 Aug 2018 19:58
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	127899	37.091	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	138273	37.595	ng	97
45) 1,1'-Biphenyl	13.53	154	445927	33.584	ng	97
46) 2-Chloronaphthalene	13.57	162	339001	33.443	ng	99
47) 2-Nitroaniline	13.76	65	110818	34.815	ng	99
48) Acenaphthylene	14.41	152	580048	36.615	ng	97
49) Dimethylphthalate	14.14	163	545855	41.791	ng	100
50) 2,6-Dinitrotoluene	14.26	165	92305	34.343	ng	98
51) Acenaphthene	14.75	154	366523	36.126	ng	98
52) 3-Nitroaniline	14.58	138	78734	27.184	ng	94
53) 2,4-Dinitrophenol	14.79	184	59436	58.382	ng	97
54) Dibenzofuran	15.09	168	543191	34.173	ng	99
55) 4-Nitrophenol	14.89	139	176531	74.543	ng	100
56) 2,4-Dinitrotoluene	15.04	165	133840	38.208	ng	92
57) Fluorene	15.74	166	438379	36.893	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	138380	40.045	ng	97
59) Diethylphthalate	15.51	149	450433	34.219	ng	100
60) 4-Chlorophenyl-phenylether	15.73	204	243435	33.177	ng	98
61) 4-Nitroaniline	15.75	138	111393	36.753	ng	94
62) Azobenzene	16.02	77	445014	33.227	ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	63987	36.091	ng	92
65) n-Nitrosodiphenylamine	15.94	169	402652	33.575	ng	95
66) 4-Bromophenyl-phenylether	16.62	248	161642	34.207	ng	100
67) Hexachlorobenzene	16.73	284	164326	34.009	ng	97
68) Atrazine	16.89	200	165576	36.783	ng	99
69) Pentachlorophenol	17.08	266	206094	62.758	ng	98
70) Phenanthrene	17.47	178	743609	36.259	ng	98
71) Anthracene	17.57	178	760253	37.189	ng	100
72) Carbazole	17.83	167	697210	34.150	ng	99
73) Di-n-butylphthalate	18.40	149	786651	34.601	ng	99
74) Fluoranthene	19.48	202	935108	37.398	ng	100
76) Benzidine	19.66	184	514009	37.979	ng	99
77) Pyrene	19.84	202	927855	35.569	ng	99
79) Butylbenzylphthalate	20.73	149	368090	35.457	ng	98
80) Benzo(a)anthracene	21.68	228	945571	36.794	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	193336	18.877	ng	97
82) Chrysene	21.75	228	872726	35.828	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	514890	35.443	ng	99
84) Di-n-octyl phthalate	22.82	149	881267	36.318	ng	98
85) Indeno(1,2,3-cd)pyrene	28.57	276	1080118	38.177	ng	100
87) Benzo(b)fluoranthene	23.90	252	947240	38.078	ng	98
88) Benzo(k)fluoranthene	23.97	252	900112	37.037	ng	99
89) Benzo(a)pyrene	24.77	252	908346	37.999	ng	100
90) Dibenzo(a,h)anthracene	28.64	278	875203	37.925	ng	98
91) Benzo(g,h,i)perylene	29.72	276	892745	38.496	ng	97

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

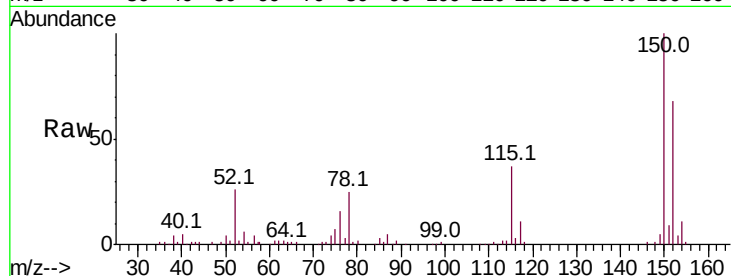


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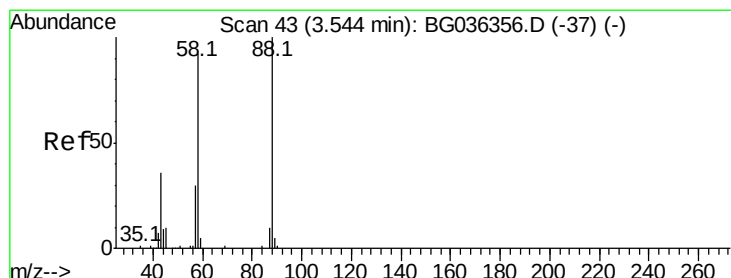
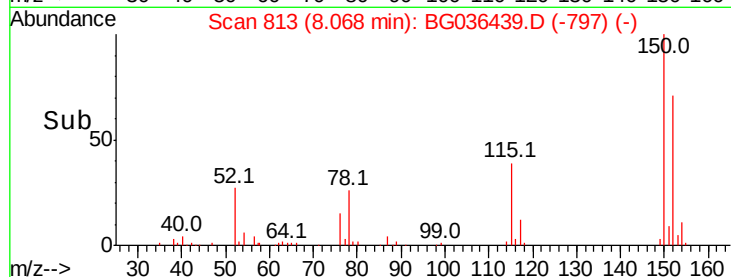
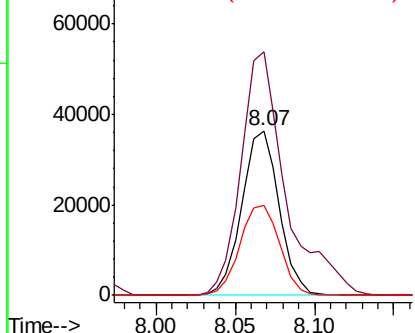
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59581
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 54.7 44.5 66.7



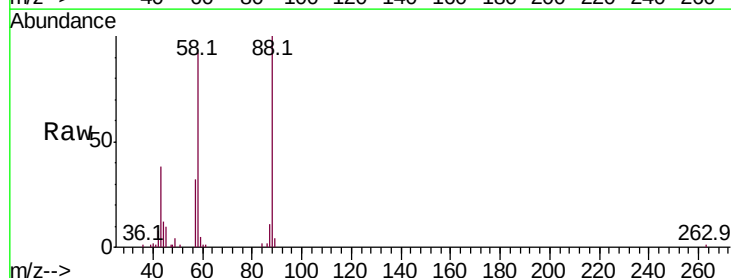
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



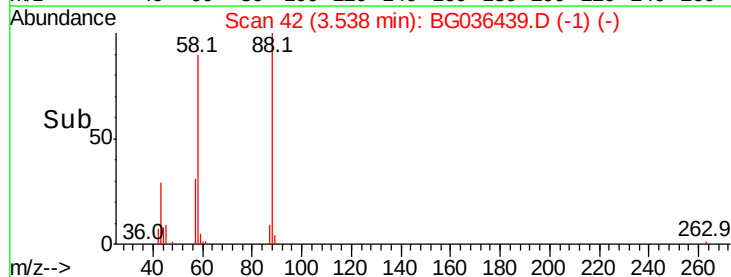
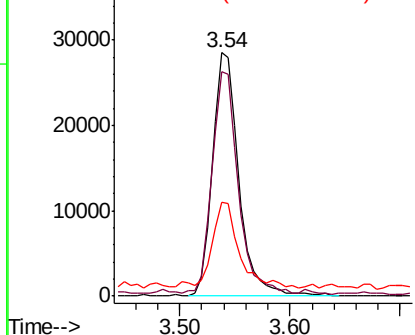
#2

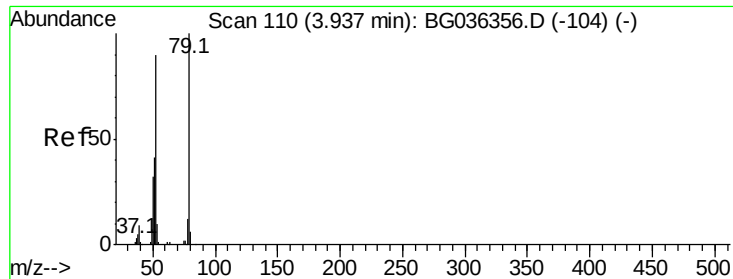
1,4-Dioxane
Concen: 26.642 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion: 88 Resp: 46700
Ion Ratio Lower Upper
88 100
58 89.7 72.6 109.0
43 36.7 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: 26.709 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

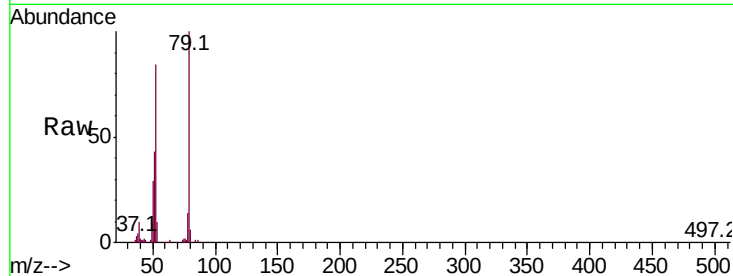
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 131417

Ion	Ratio	Lower	Upper
79	100		
52	83.6	72.3	108.5
51	43.3	33.8	50.6

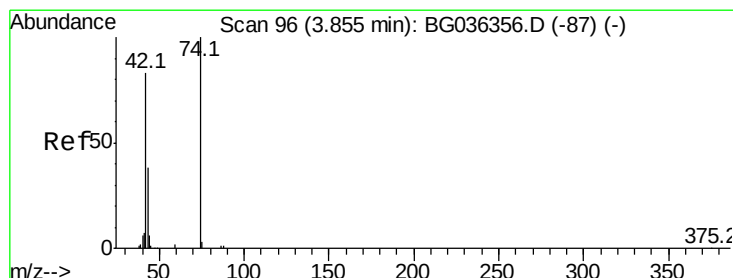
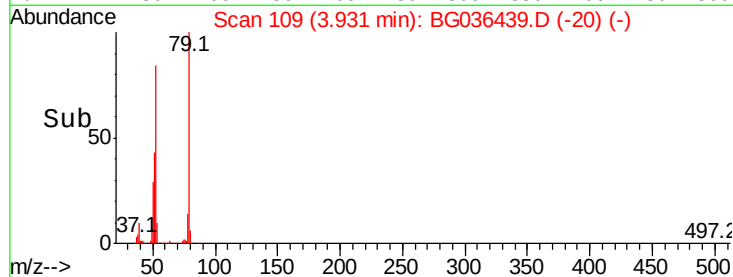
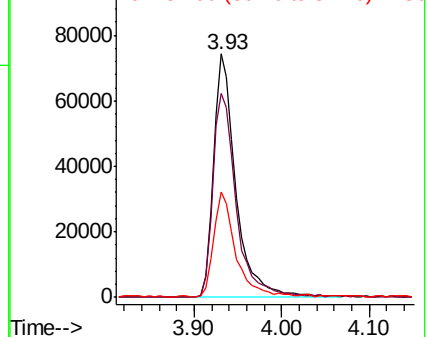


Abundance

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: 31.797 ng

RT: 3.85 min Scan# 95

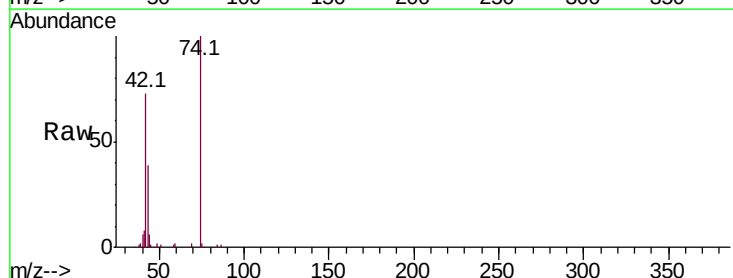
Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Tgt Ion: 42 Resp: 69682

Ion	Ratio	Lower	Upper
42	100		
74	136.1	96.6	145.0
44	8.4	7.0	10.4

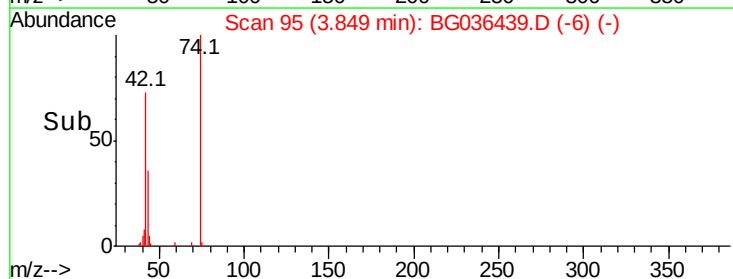
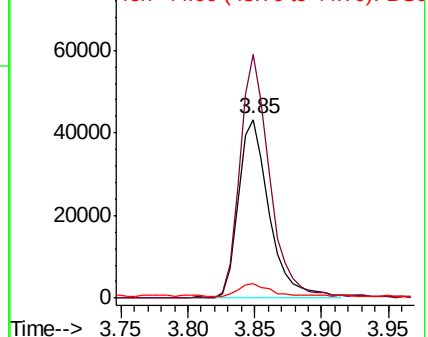


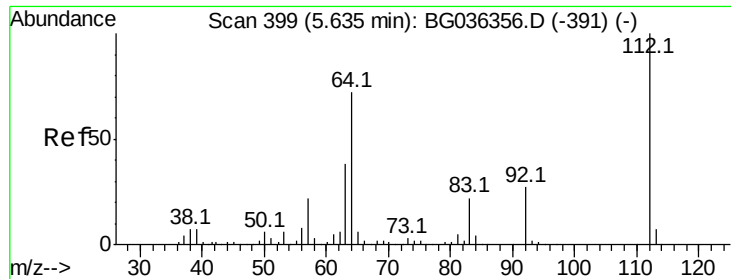
Abundance

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: 104.153 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

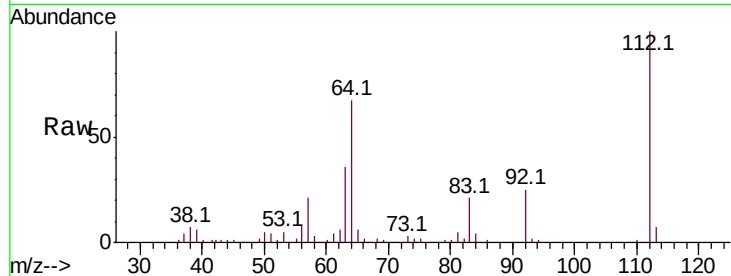
Tot Ion:112 Resp: 391197

Ion Ratio Lower Upper

112 100

64 66.8 57.2 85.8

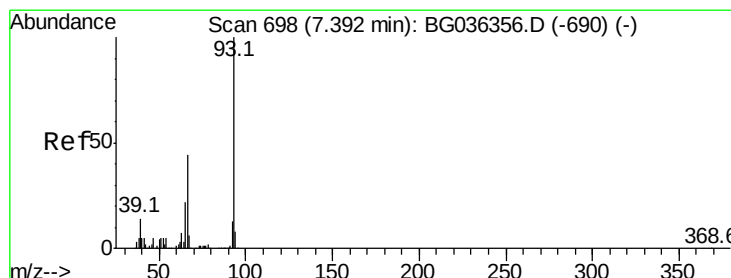
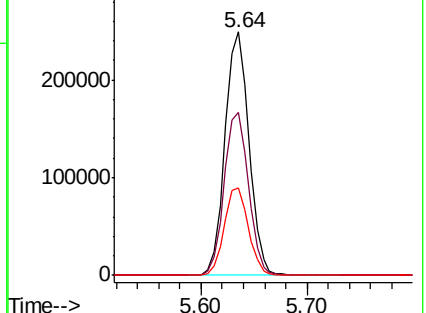
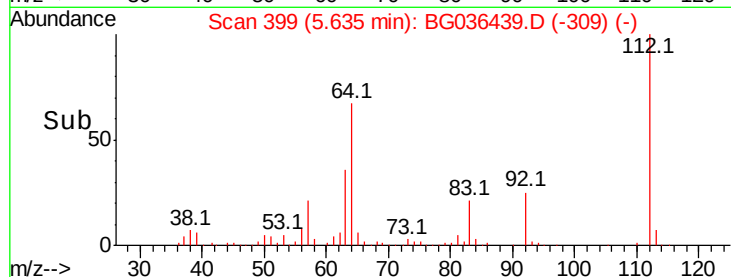
63 35.8 30.8 46.2



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: 25.491 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

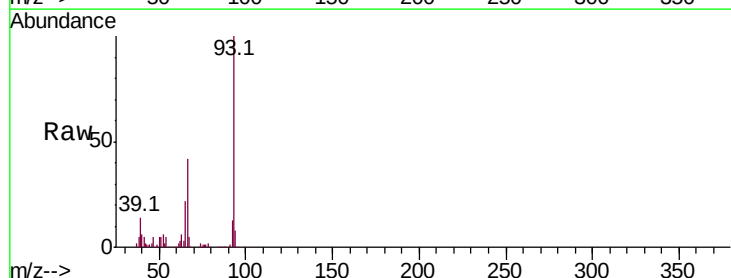
Tgt Ion: 93 Resp: 173997

Ion Ratio Lower Upper

93 100

66 41.7 35.0 52.4

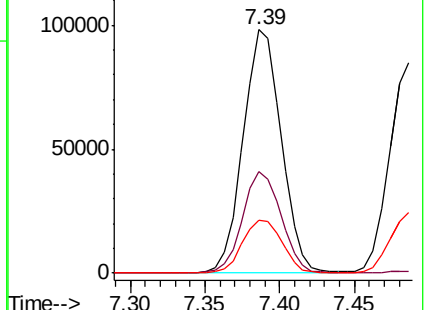
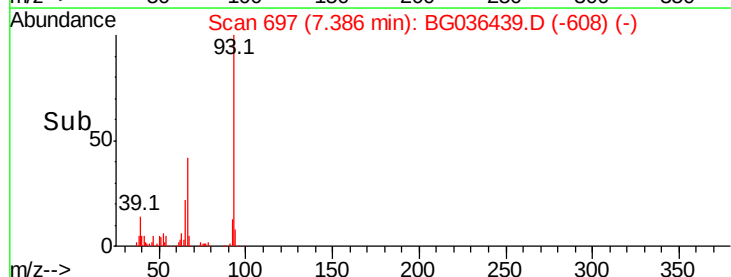
65 21.6 17.6 26.4

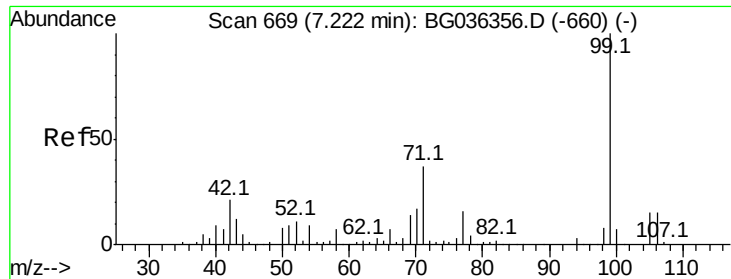


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.050 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

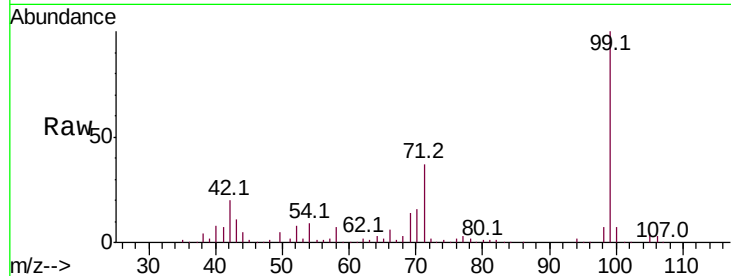
Tot Ion: 99 Resp: 543409

Ion Ratio Lower Upper

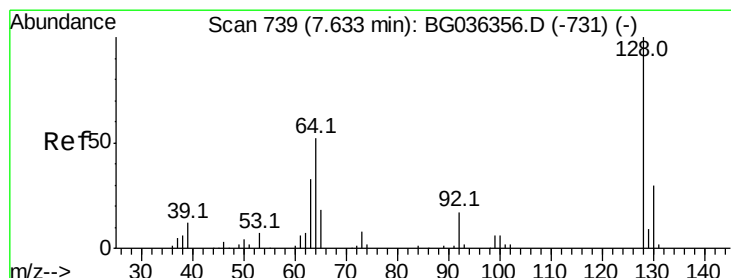
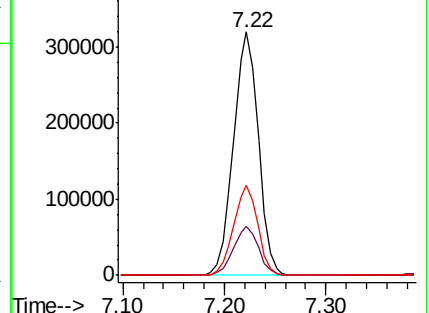
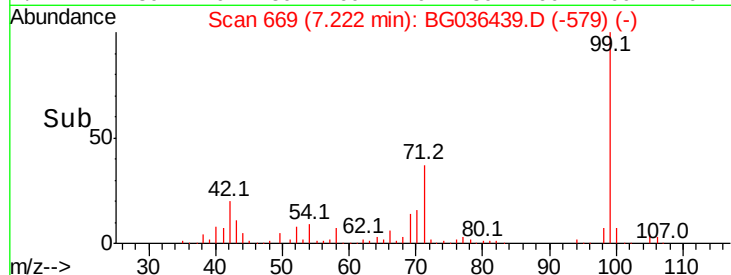
99 100

42 20.0 16.5 24.7

71 37.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 34.207 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

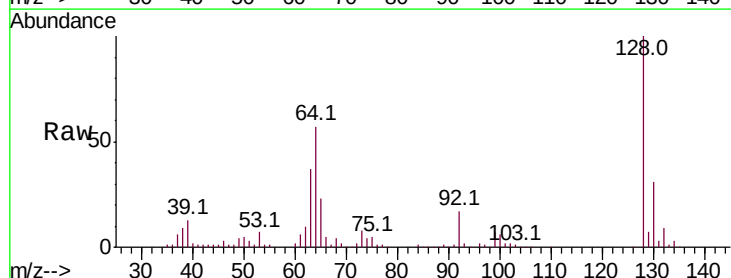
Tgt Ion: 128 Resp: 139331

Ion Ratio Lower Upper

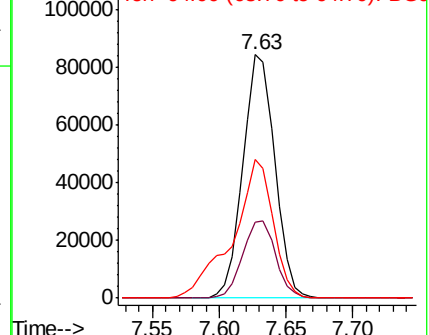
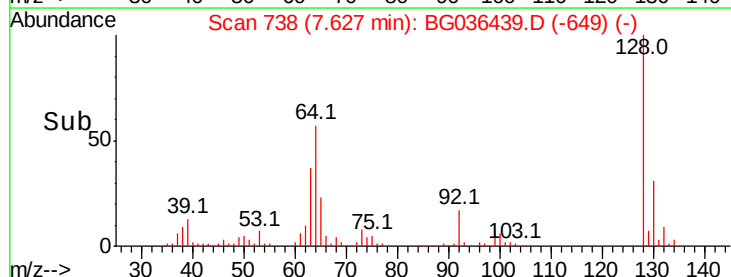
128 100

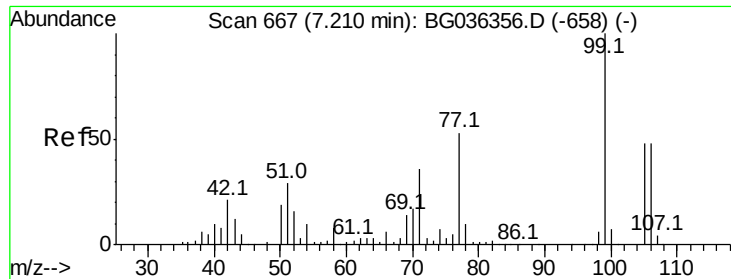
130 31.3 10.0 50.0

64 57.0 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.869 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

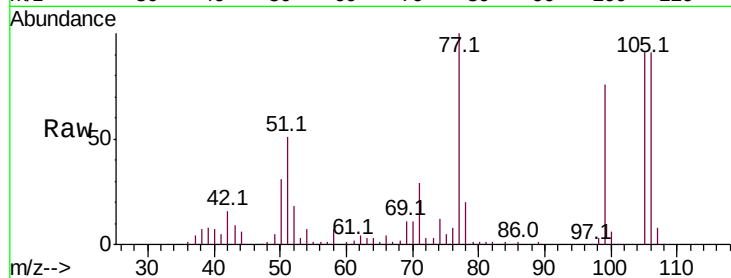
Tot Ion: 77 Resp: 99500

Ion Ratio Lower Upper

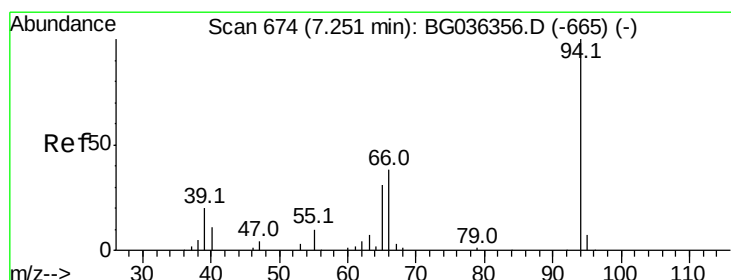
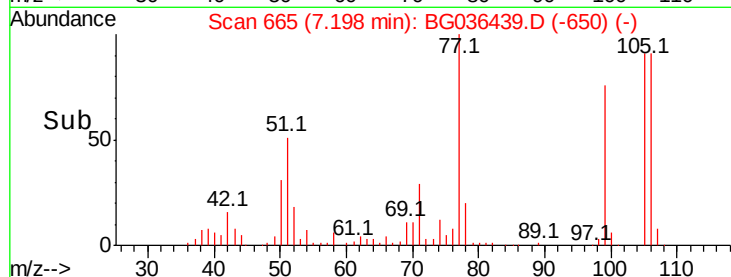
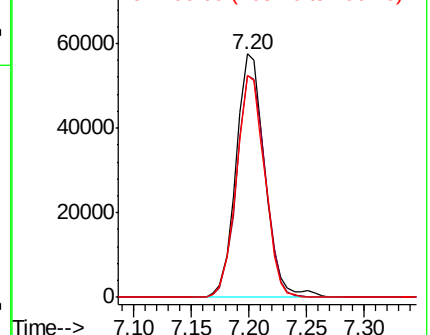
77 100

105 91.3 70.5 110.5

106 91.0 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: 35.843 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

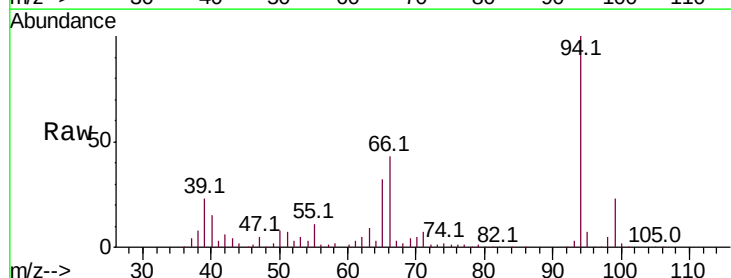
Tgt Ion: 94 Resp: 201710

Ion Ratio Lower Upper

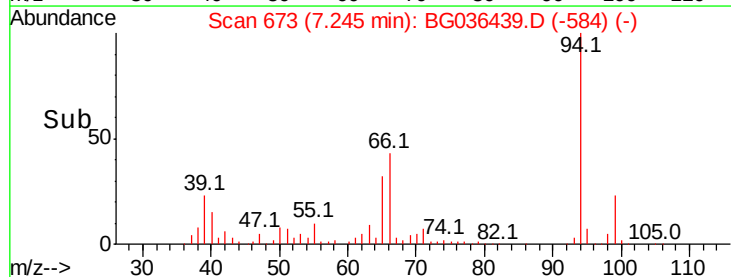
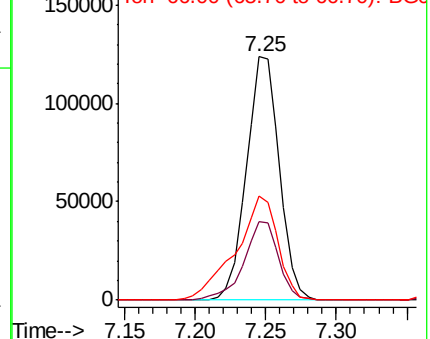
94 100

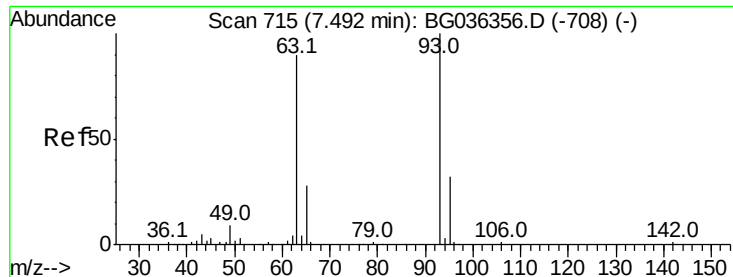
65 32.2 11.5 51.5

66 42.8 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: 30.998 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

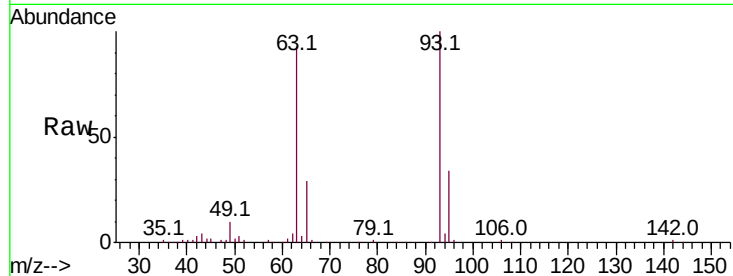
Tot Ion: 93 Resp: 138299

Ion Ratio Lower Upper

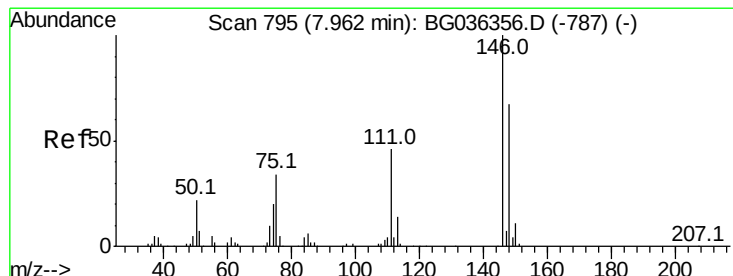
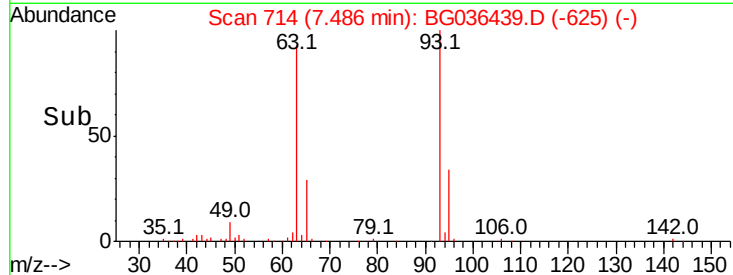
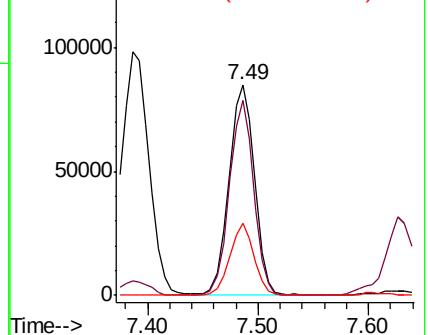
93 100

63 92.5 69.9 109.9

95 34.3 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 31.153 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

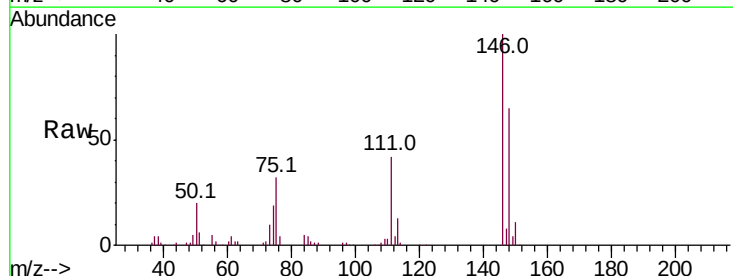
Tgt Ion: 146 Resp: 144890

Ion Ratio Lower Upper

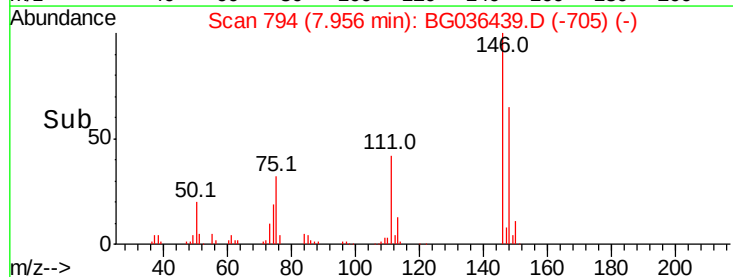
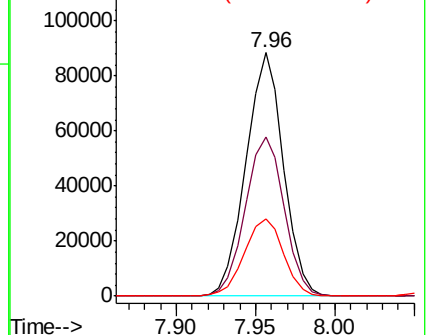
146 100

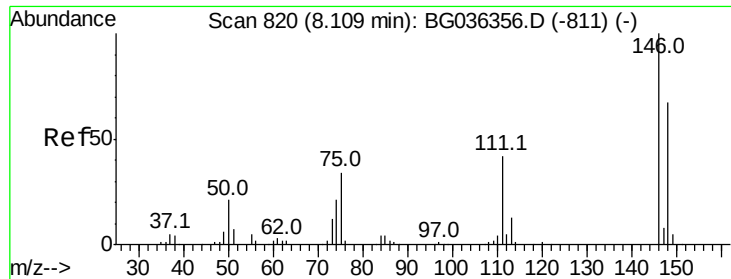
148 65.2 53.8 80.6

75 31.7 27.2 40.8



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

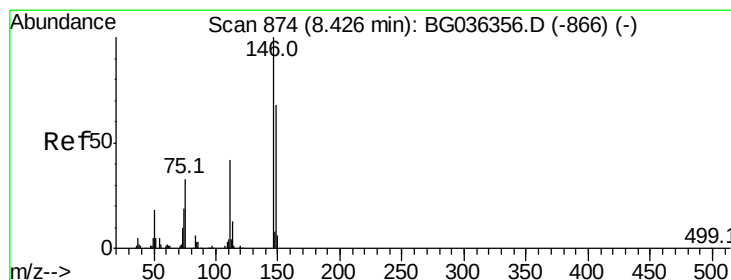
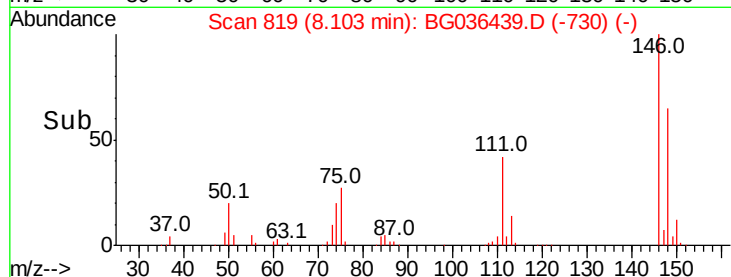
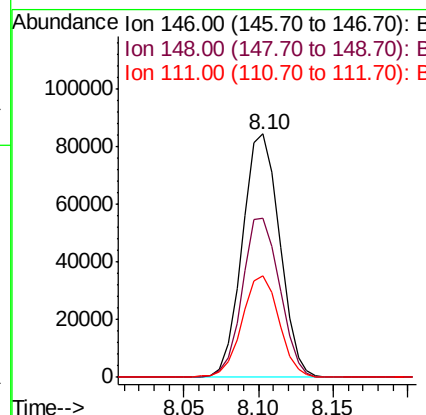
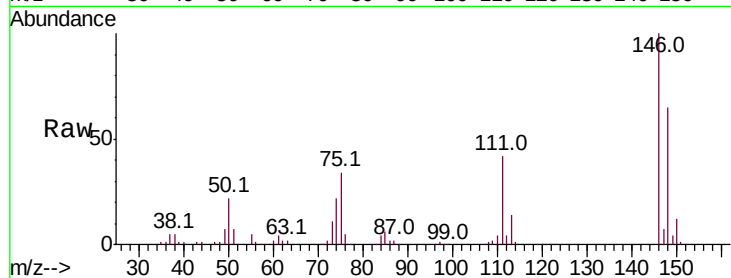




#13
 1,4-Dichlorobenzene
 Concen: 31.069 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

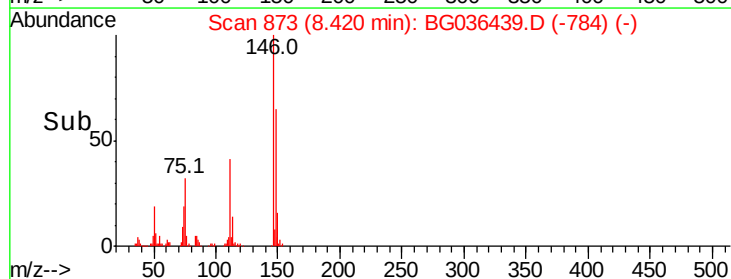
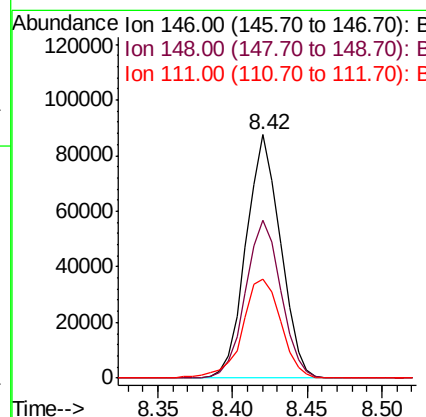
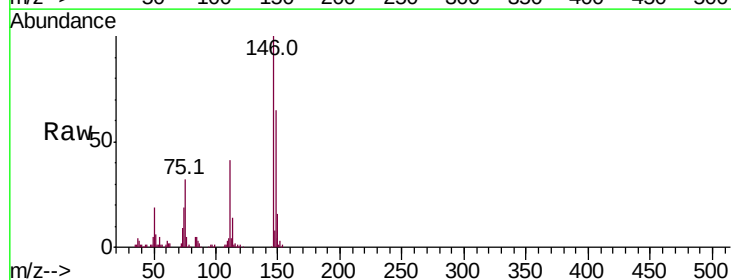
Instrument :
 BNA_G
 ClientSampled :

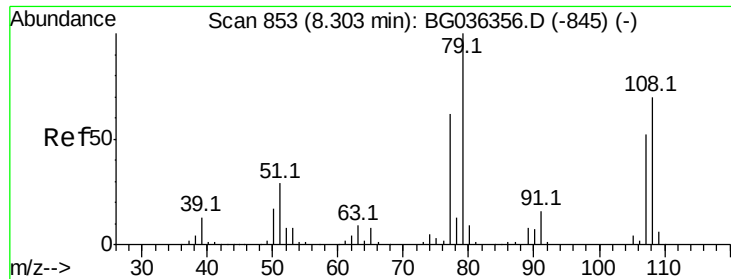
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.9	80.9
111	41.9	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 31.095 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.0	82.6
111	40.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 32.003 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

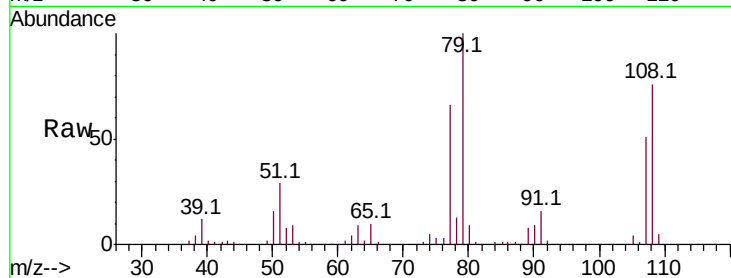
Tot Ion: 79 Resp: 138737

Ion Ratio Lower Upper

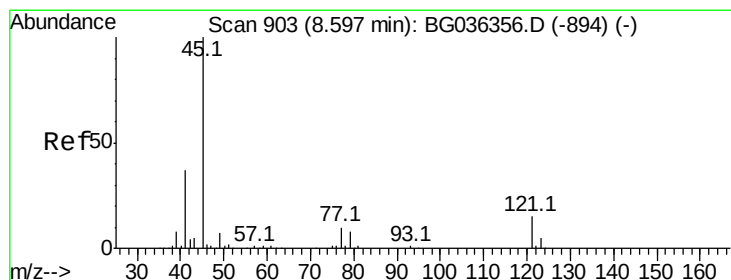
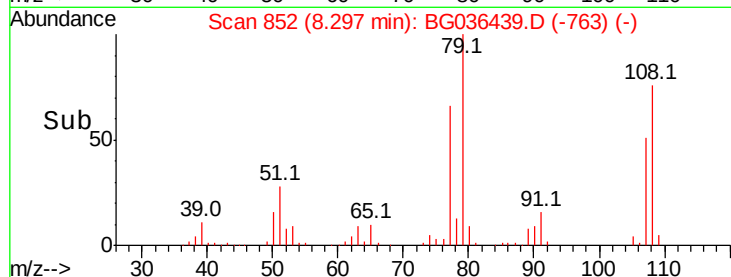
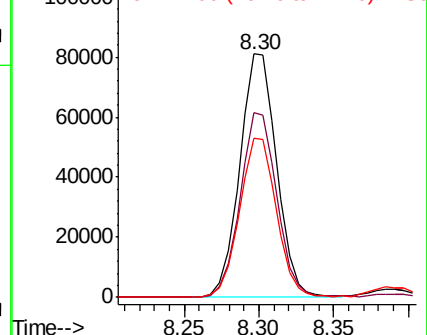
79 100

108 76.0 55.9 83.9

77 65.5 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.726 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

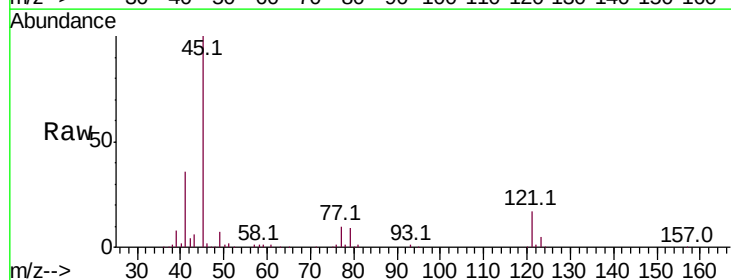
Tgt Ion: 45 Resp: 267455

Ion Ratio Lower Upper

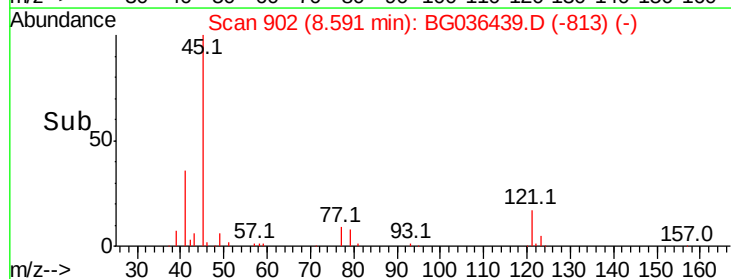
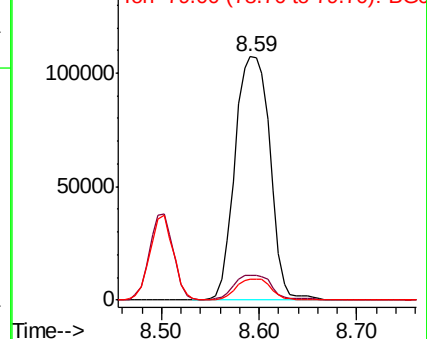
45 100

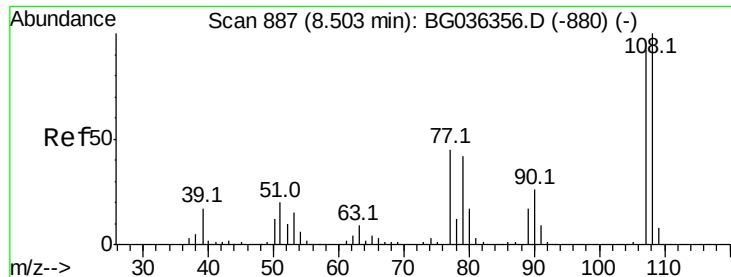
77 10.4 0.0 30.5

79 8.7 0.0 27.9



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

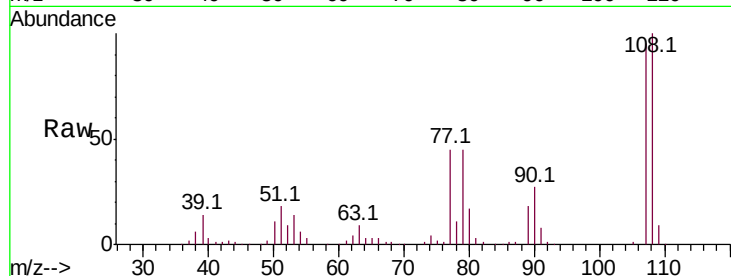




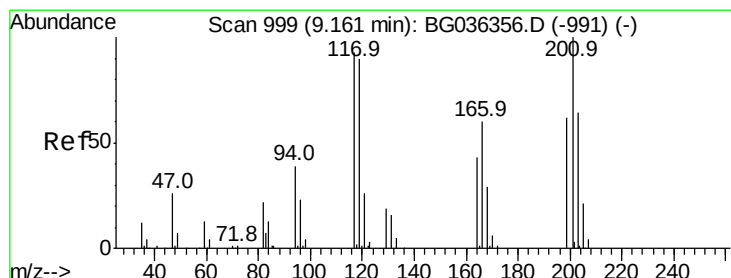
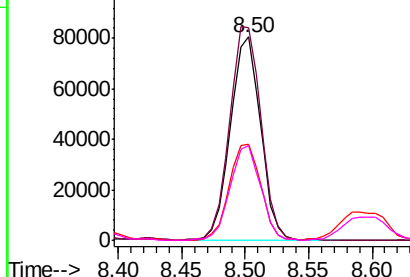
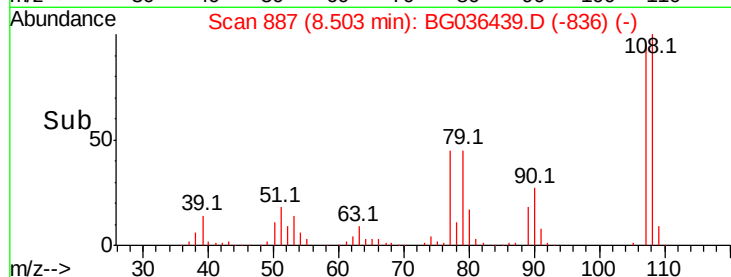
#17
2-Methylphenol
Concen: 35.483 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	132591
Ion	Ratio	Lower	Upper
107	100		
108	104.9	86.7	130.1
77	47.1	39.0	58.4
79	46.8	36.6	54.8

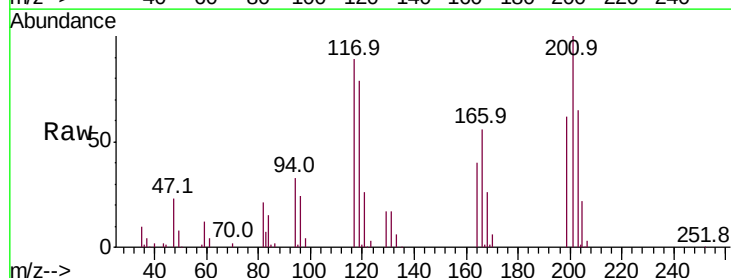


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

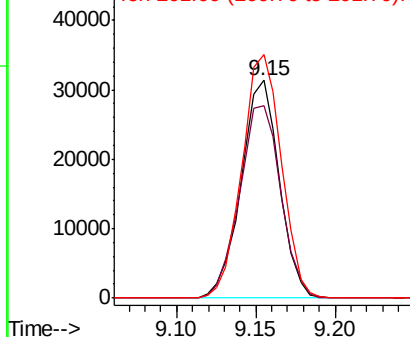
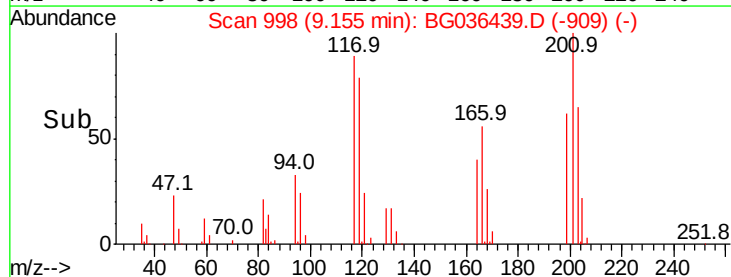


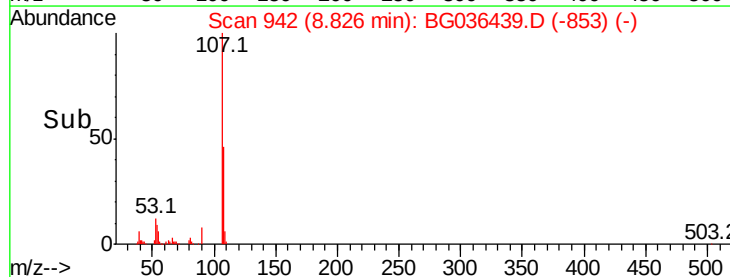
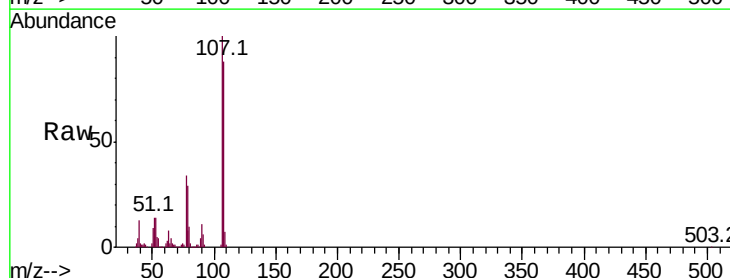
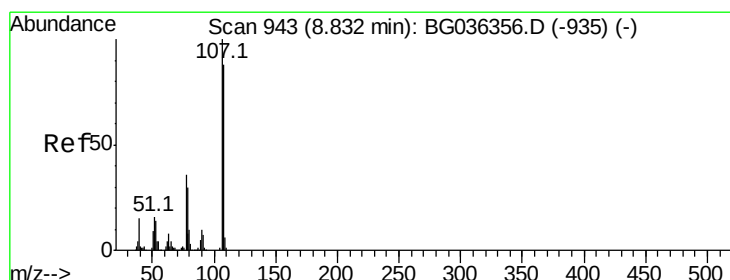
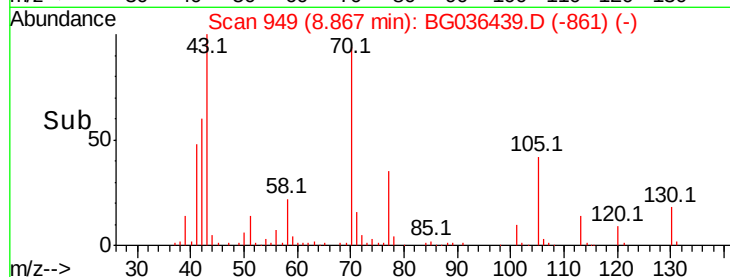
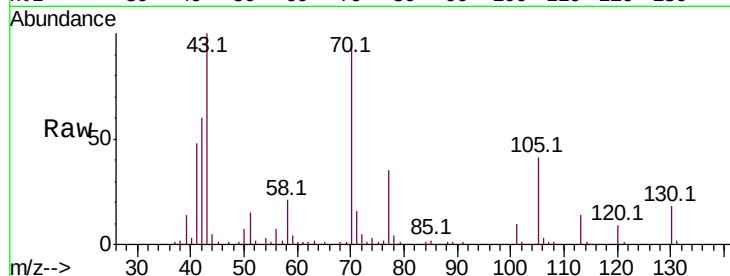
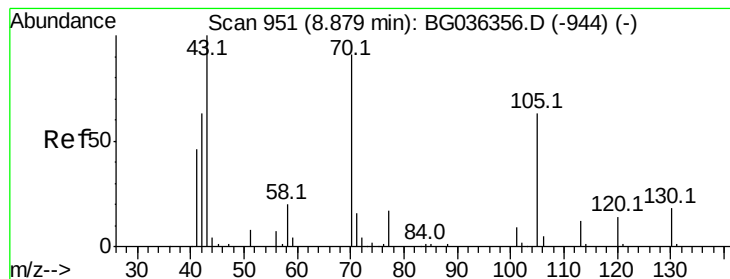
#18
Hexachloroethane
Concen: 31.155 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion:	117	Resp:	52452
Ion	Ratio	Lower	Upper
117	100		
119	88.2	76.8	115.2
201	111.8	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: 29.294 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 117732

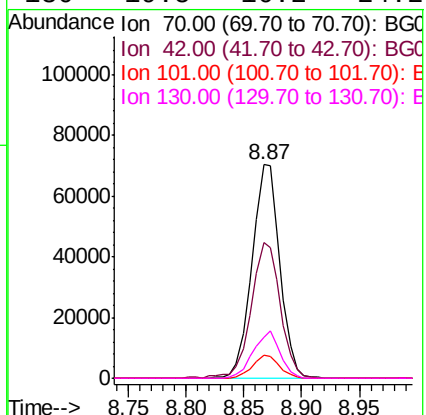
Ion Ratio Lower Upper

70 100

42 63.7 56.2 84.4

101 10.7 7.8 11.6

130 19.5 16.2 24.2



#20

3+4-Methylphenols

Concen: 34.195 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Tgt Ion:107 Resp: 178396

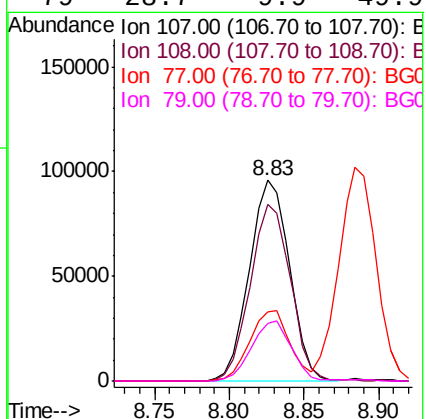
Ion Ratio Lower Upper

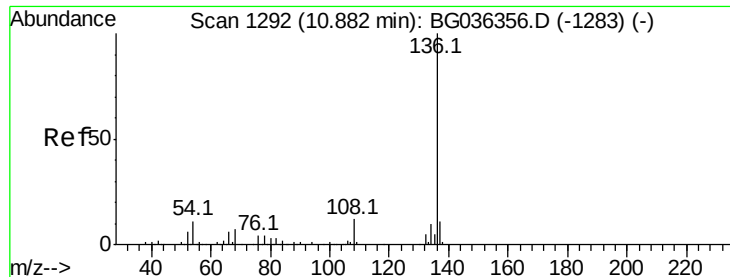
107 100

108 87.8 68.0 108.0

77 34.3 15.6 55.6

79 28.7 9.9 49.9

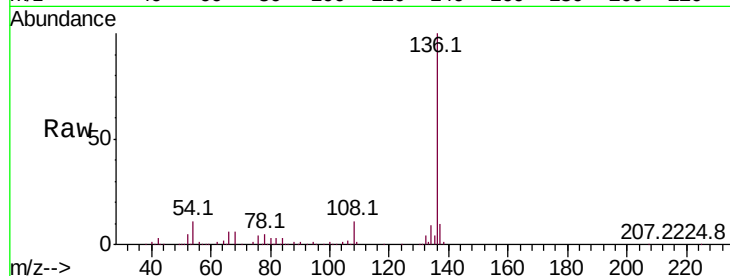




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247230
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.8	13.2
54 10.7	9.2	13.8
68 6.2	5.8	8.6



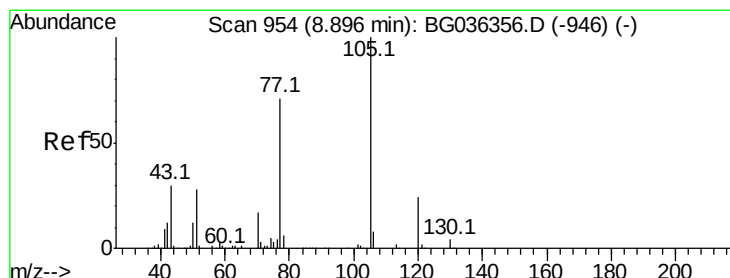
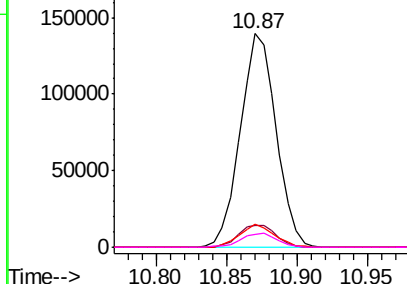
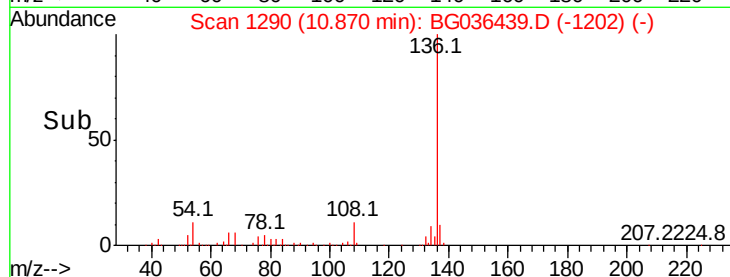
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

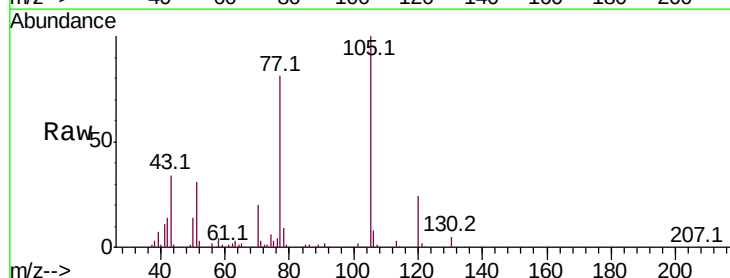
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 34.123 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt	Ion:105	Resp:	221533
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.4	3.6
51	31.3	25.9	38.9
120	23.7	19.4	29.0



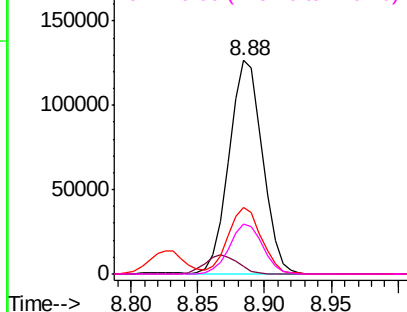
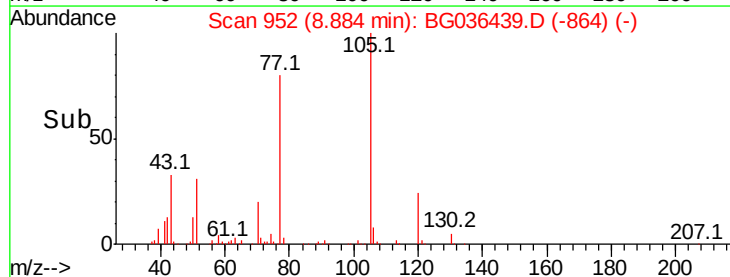
Abundance

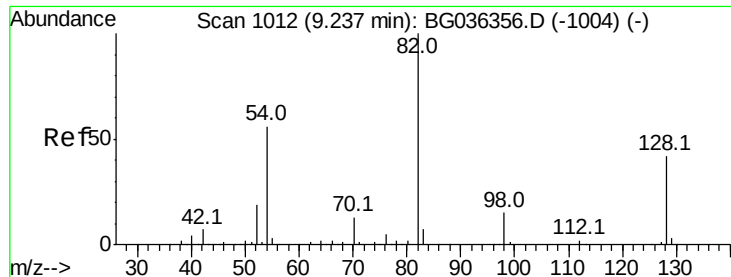
Ion 105.00 (104.70 to 105.70): E

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

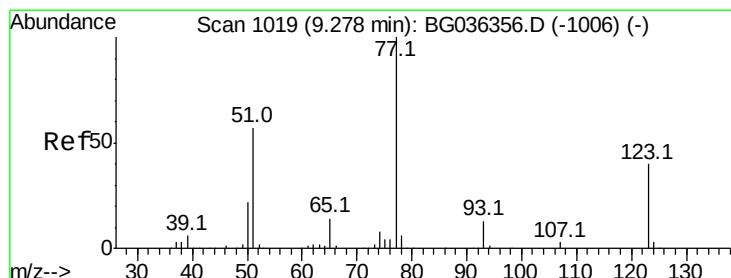
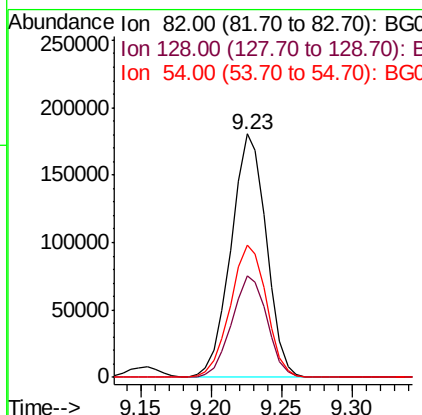
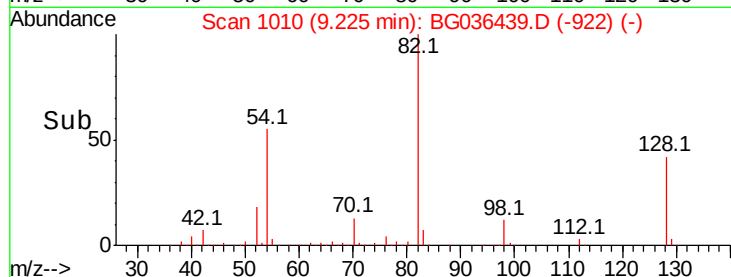
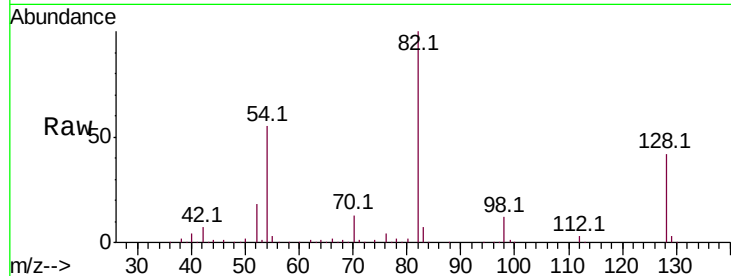




#23
Nitrobenzene-d5
Concen: 69.070 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

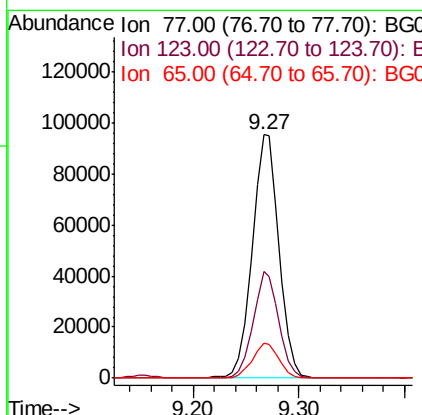
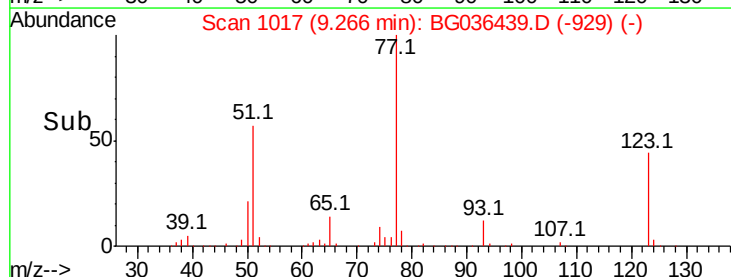
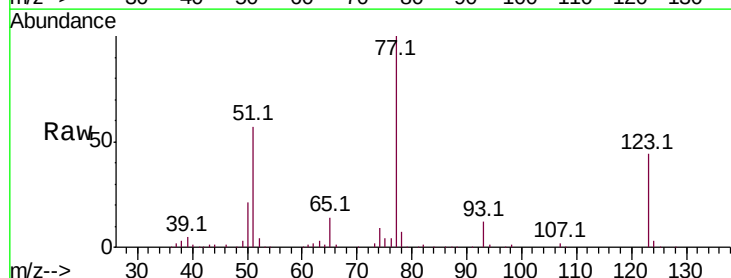
Instrument :
BNA_G
ClientSampled :

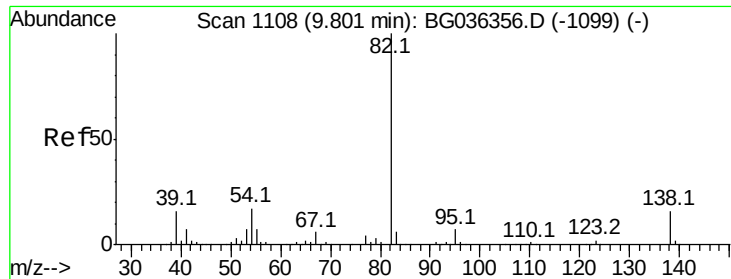
Tot Ion: 82 Resp: 314731
Ion Ratio Lower Upper
82 100
128 41.5 33.3 49.9
54 54.5 45.1 67.7



#24
Nitrobenzene
Concen: 34.166 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion: 77 Resp: 167878
Ion Ratio Lower Upper
77 100
123 43.6 32.4 48.6
65 14.3 11.5 17.3





#25

Isophorone

Concen: 36.498 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

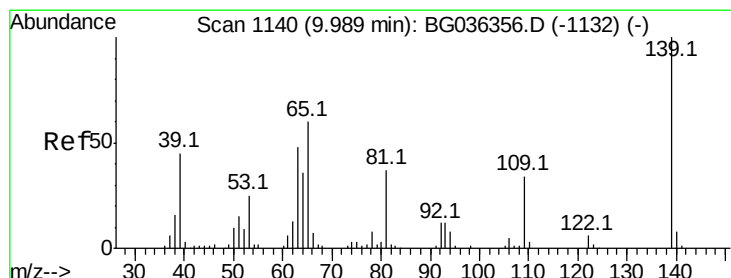
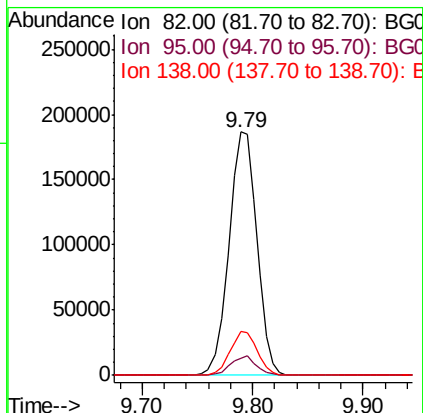
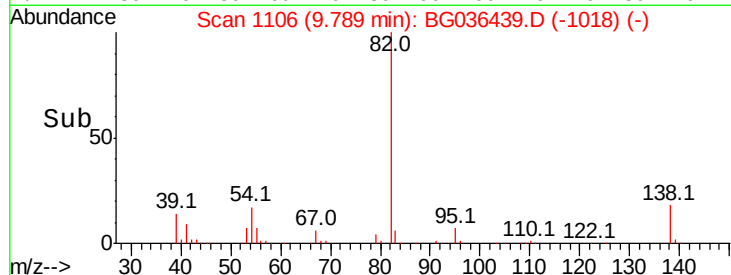
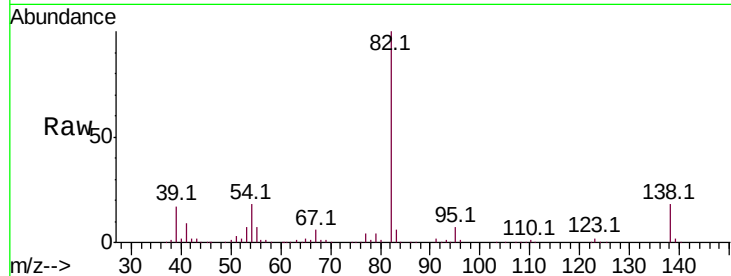
Tot Ion: 82 Resp: 330379

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.8

138 18.0 12.9 19.3



#26

2-Nitrophenol

Concen: 34.443 ng

RT: 9.98 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

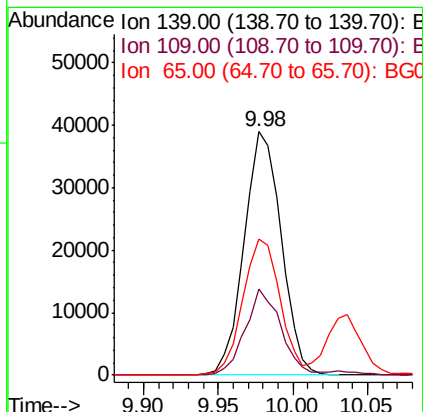
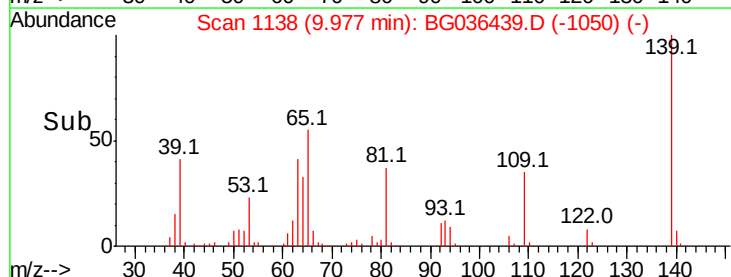
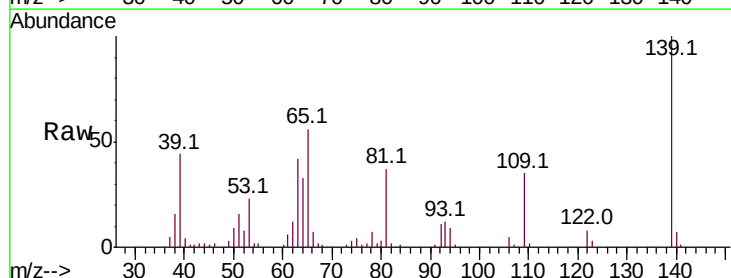
Tgt Ion:139 Resp: 67063

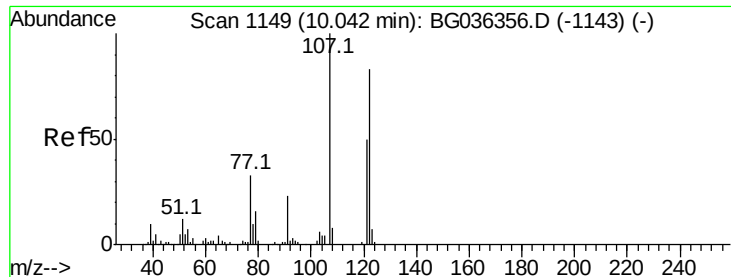
Ion Ratio Lower Upper

139 100

109 35.5 27.4 41.0

65 55.7 47.8 71.6

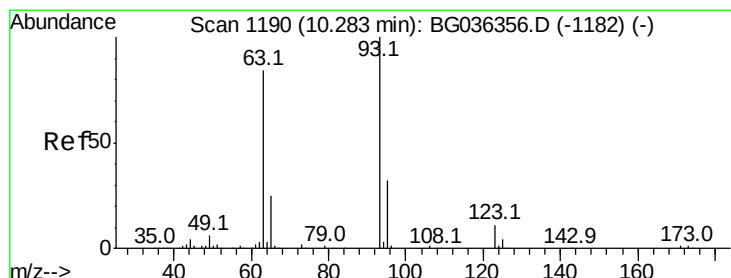
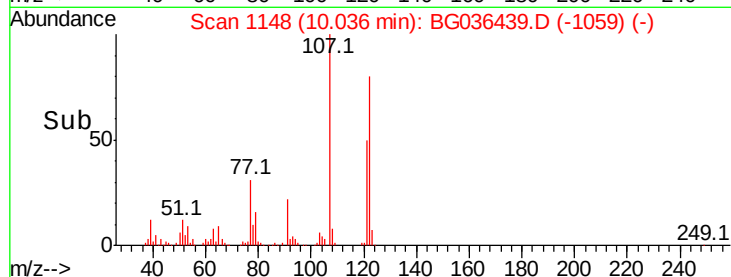
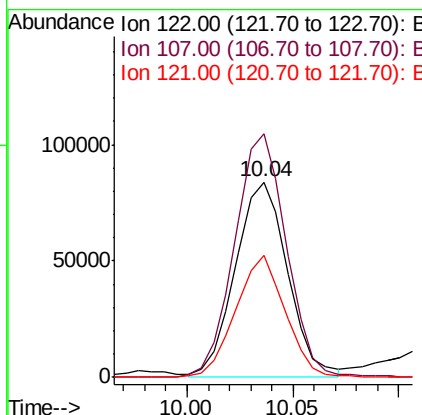
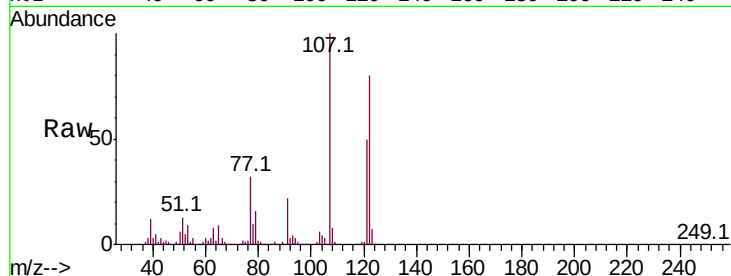




#27
 2,4-Dimethylphenol
 Concen: 39.913 ng
 RT: 10.04 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

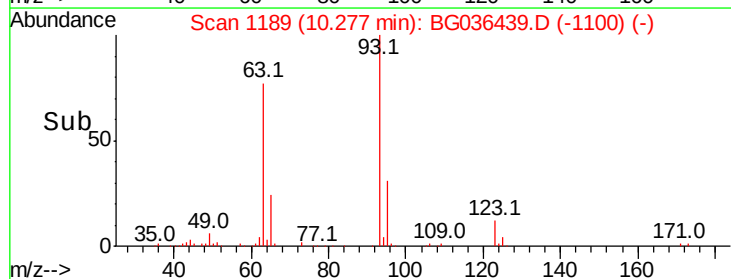
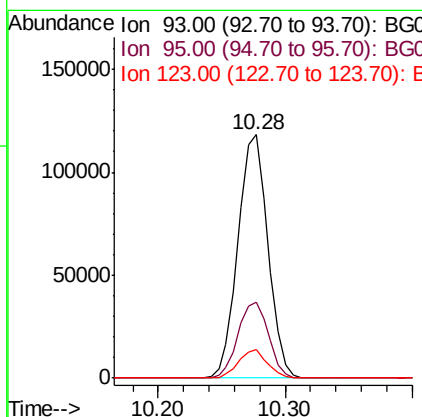
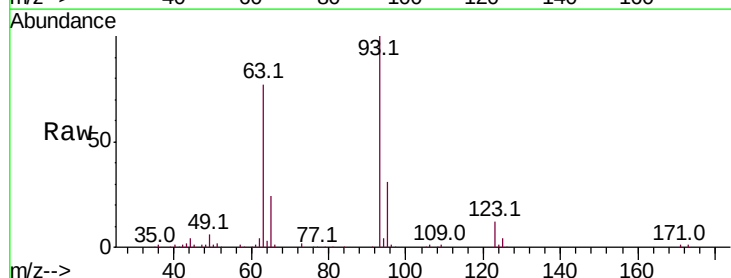
Instrument :
 BNA_G
 ClientSampled :

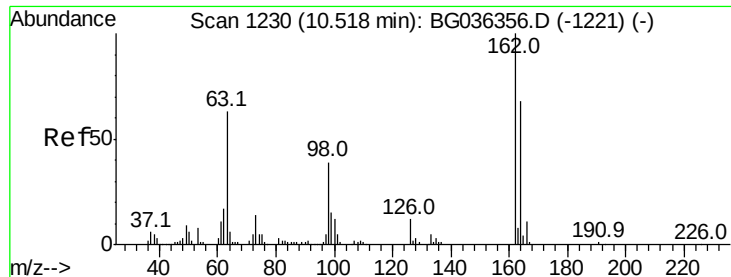
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.8	96.0	144.0
121	62.4	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.810 ng
 RT: 10.28 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.2	37.8
123	11.7	8.6	12.8

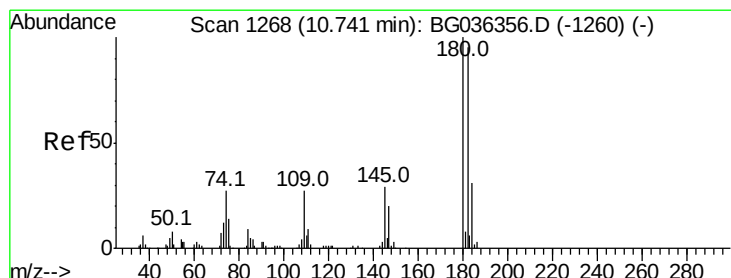
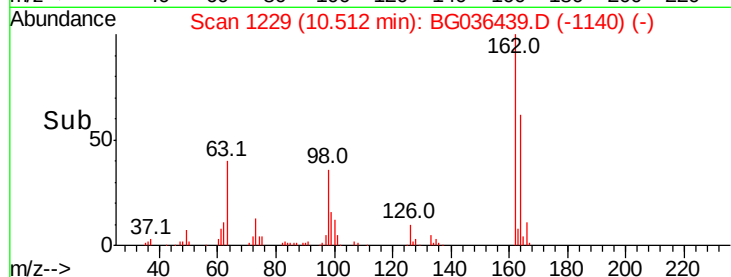
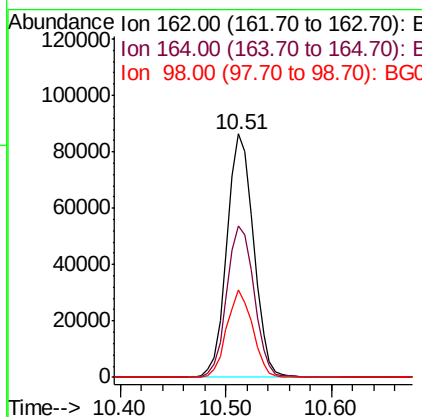
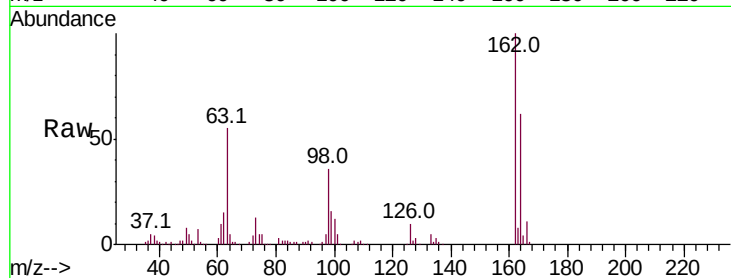




#29
 2,4-Dichlorophenol
 Concen: 38.195 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

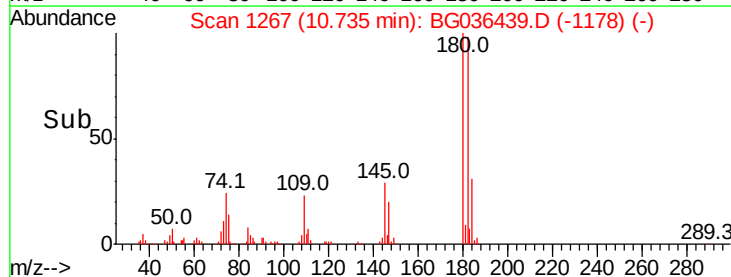
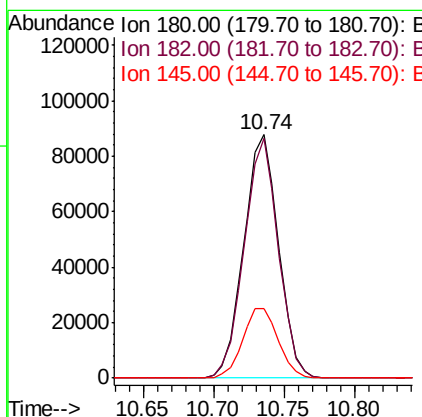
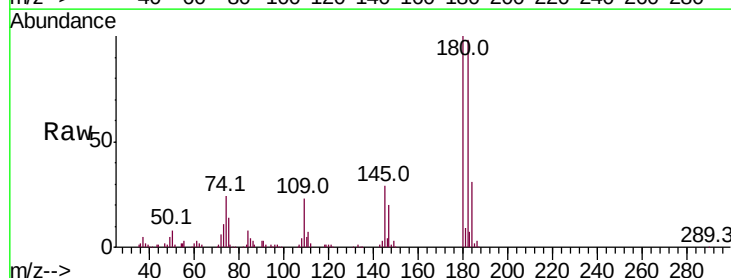
Instrument :
 BNA_G
 ClientSampled :

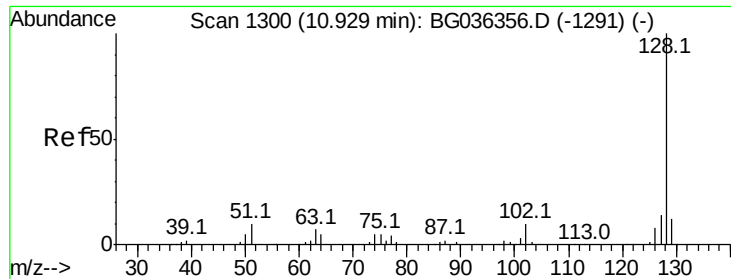
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	47.6	87.6
98	35.8	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 32.714 ng
 RT: 10.74 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.0	114.0
145	28.6	22.9	34.3

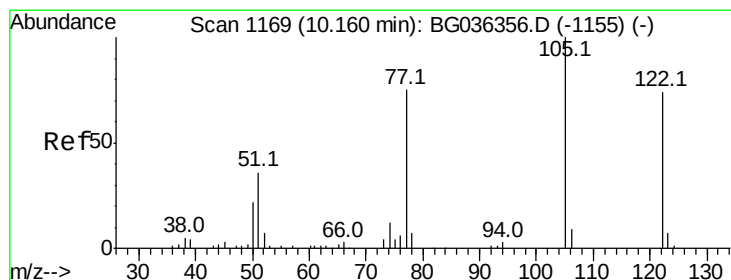
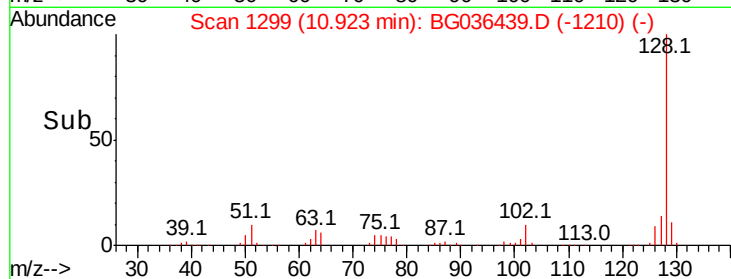
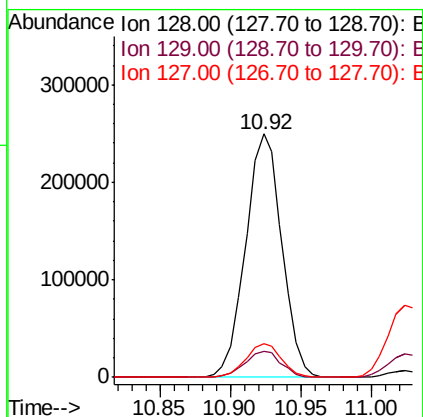
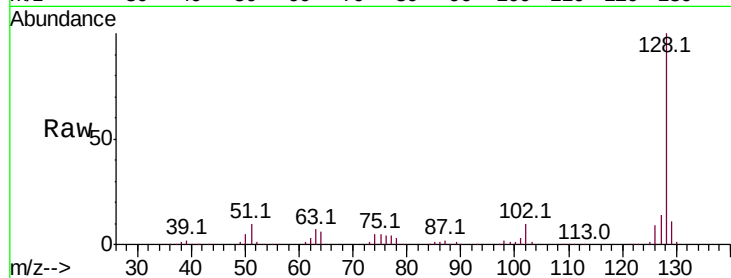




#31
Naphthalene
Concen: 36.255 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

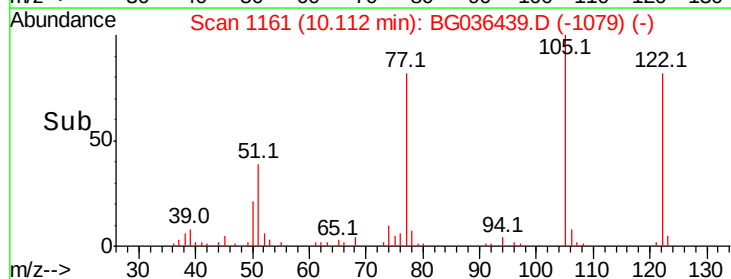
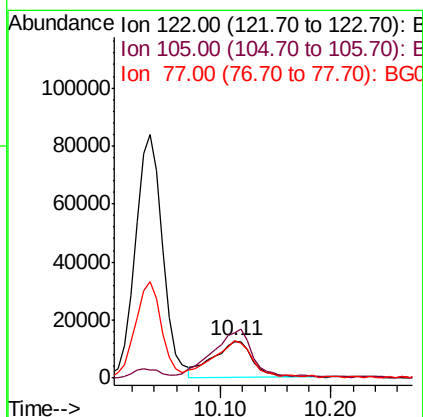
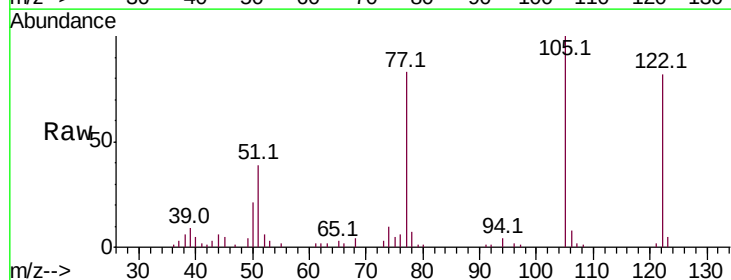
Instrument :
BNA_G
ClientSampleId :

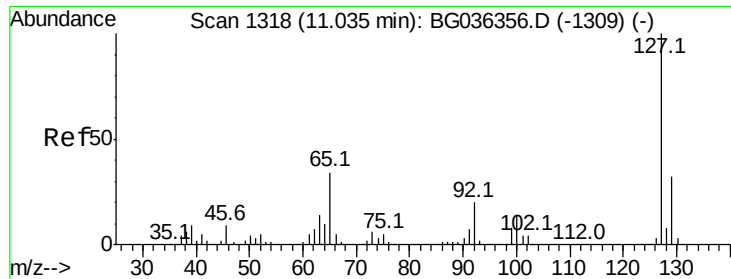
Tot Ion:128 Resp: 448072
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 15.158 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion:122 Resp: 31478
Ion Ratio Lower Upper
122 100
105 122.4 108.1 148.1
77 101.8 76.3 116.3

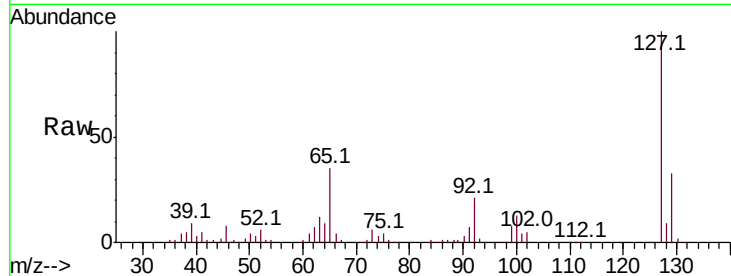




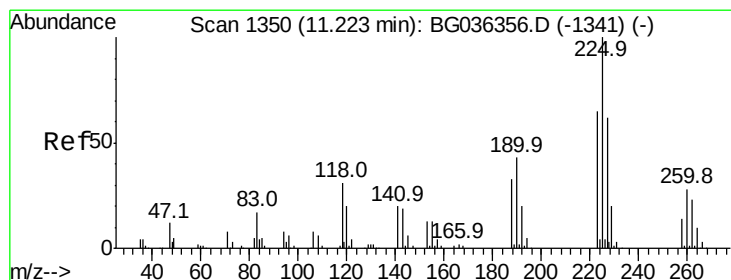
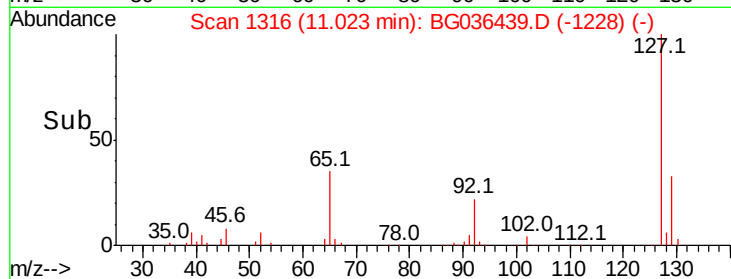
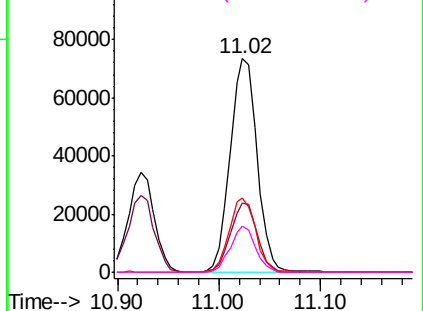
#33
4-Chloroaniline
Concen: 23.929 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	135518
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	34.7	27.5	41.3
92	21.4	16.2	24.2

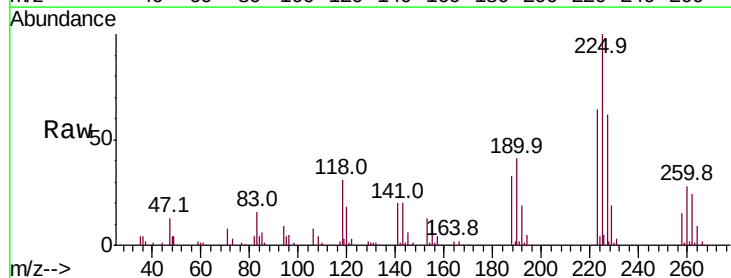


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

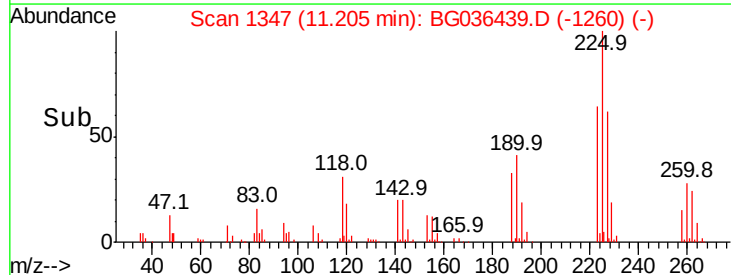
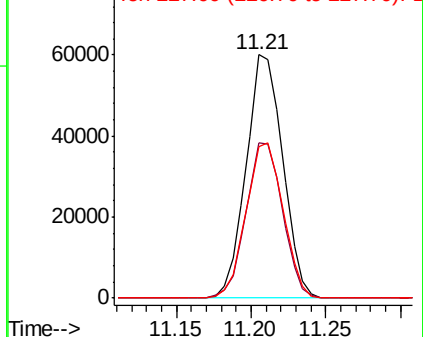


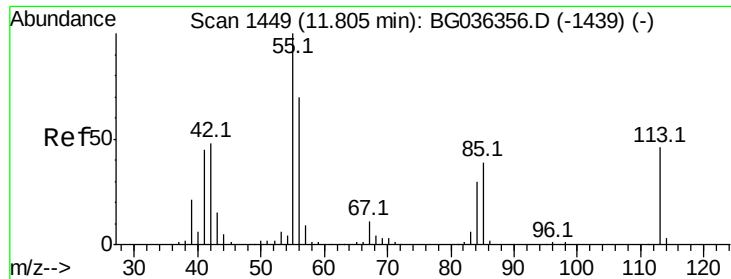
#34
Hexachlorobutadiene
Concen: 32.855 ng
RT: 11.21 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion:	225	Resp:	102021
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.8
227	62.3	49.8	74.6



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





#35

Caprolactam

Concen: 22.213 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

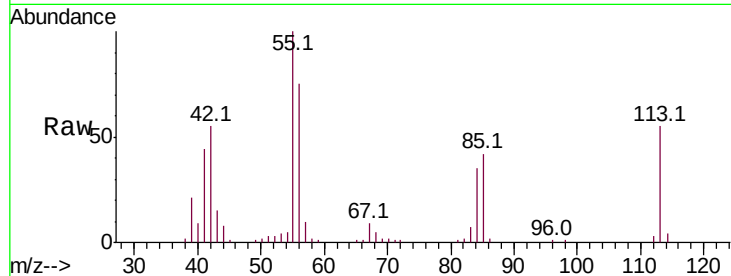
Tot Ion:113 Resp: 34959

Ion Ratio Lower Upper

113 100

55 183.1 197.7 237.7#

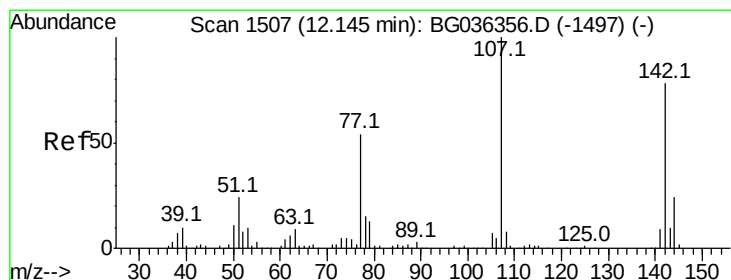
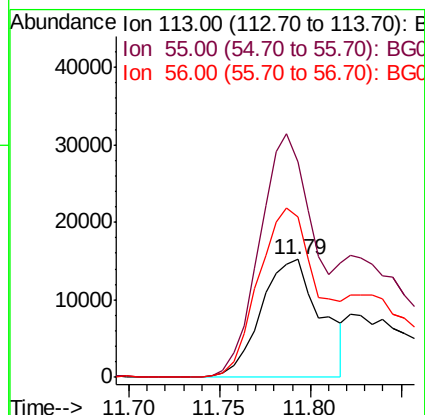
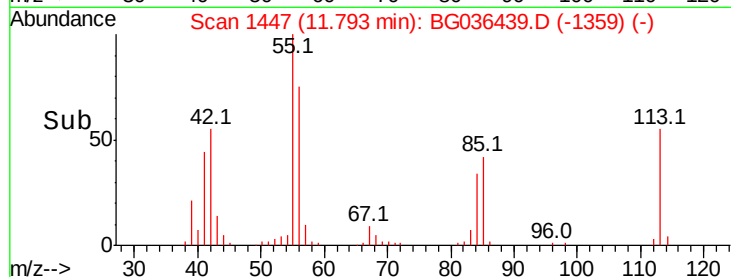
56 136.5 131.7 171.7



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: 36.499 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

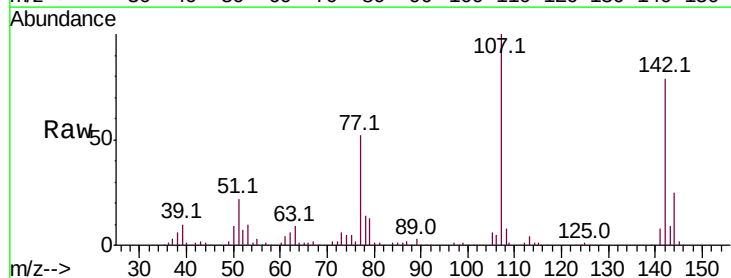
Tgt Ion:107 Resp: 167550

Ion Ratio Lower Upper

107 100

144 25.1 19.5 29.3

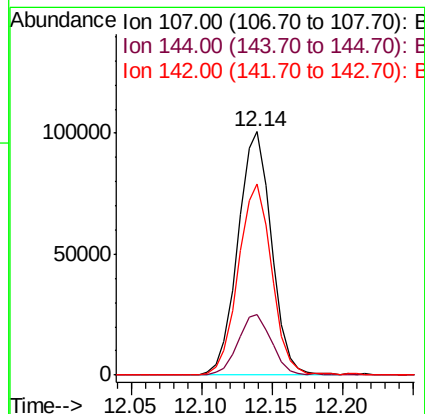
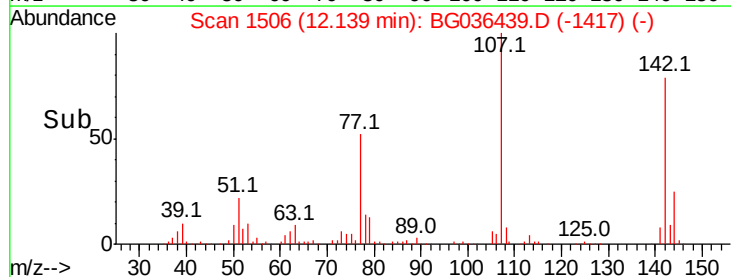
142 78.5 62.4 93.6

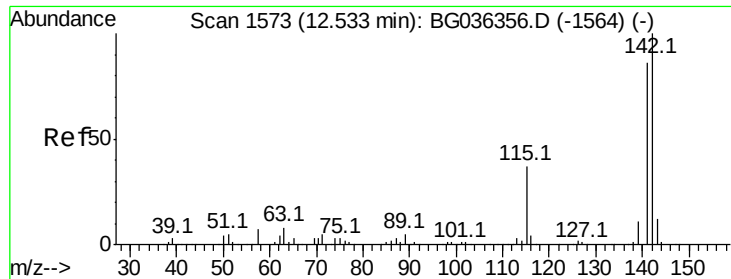


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

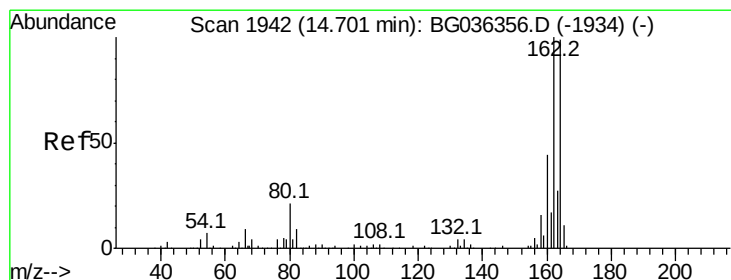
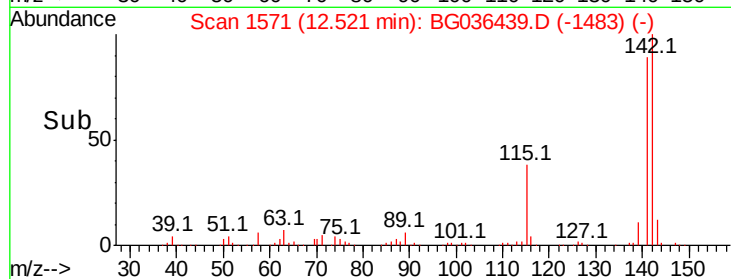
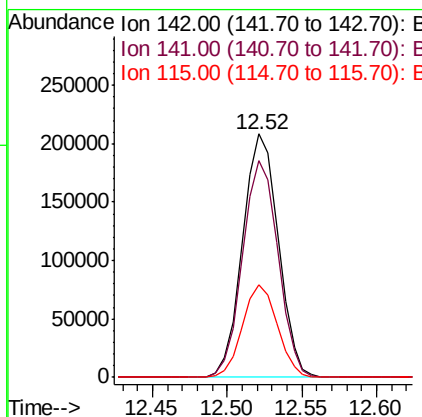
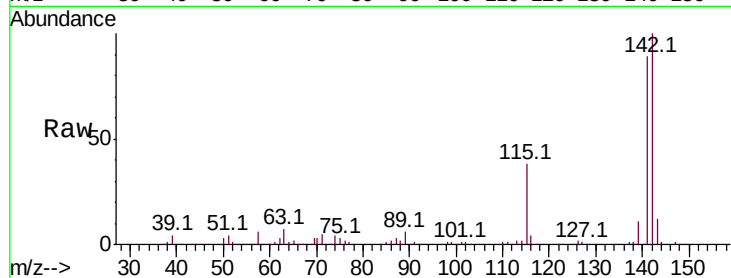




#37
 2-Methylnaphthalene
 Concen: 38.068 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

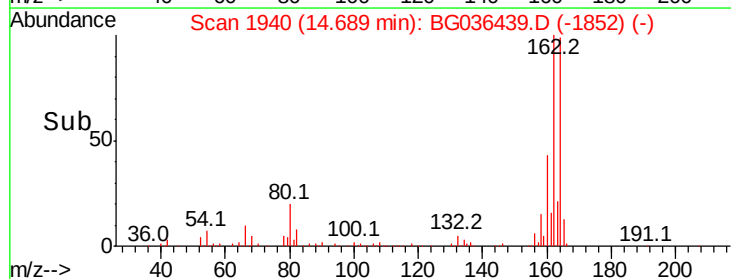
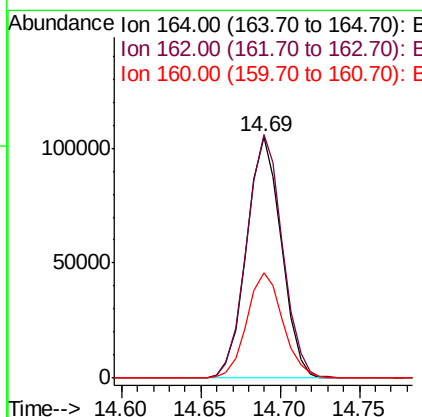
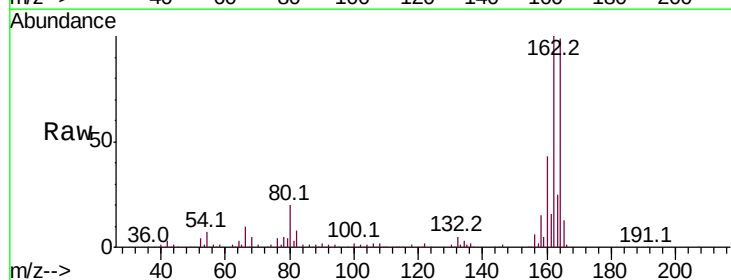
Instrument :
 BNA_G
 ClientSampled :

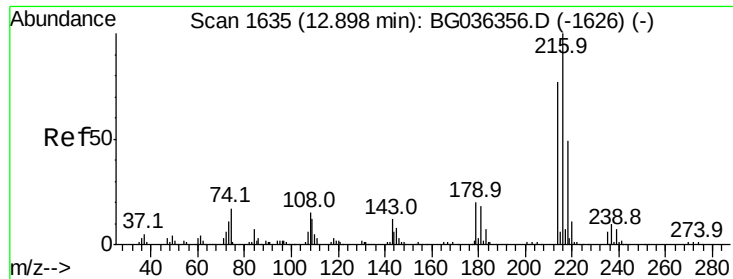
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.5	102.7
115	38.1	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	43.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.489 ng

RT: 12.89 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 195235

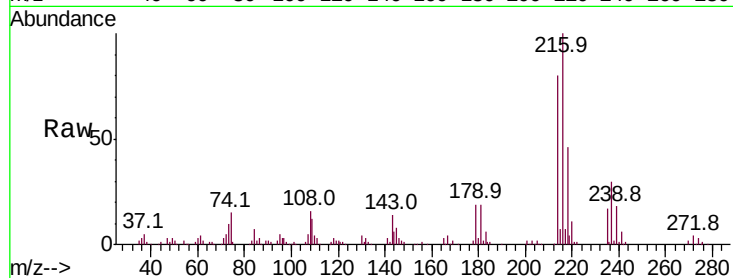
Ion Ratio Lower Upper

216 100

214 78.1 61.0 91.6

179 19.2 15.7 23.5

108 17.8 13.1 19.7

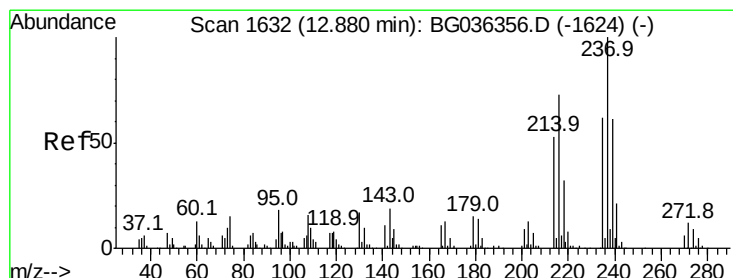
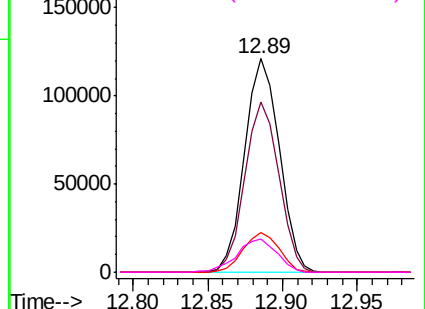
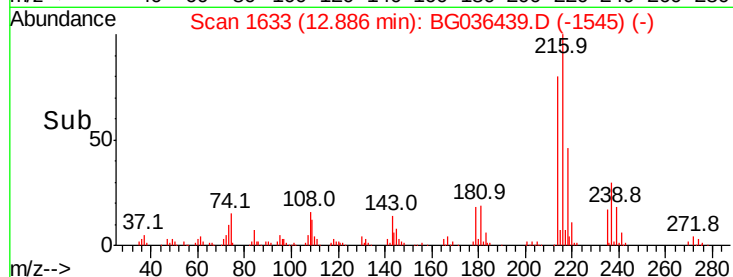


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.961 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

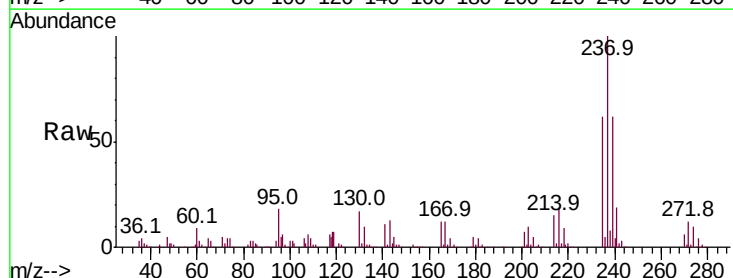
Tgt Ion:237 Resp: 206058

Ion Ratio Lower Upper

237 100

235 62.5 42.2 82.2

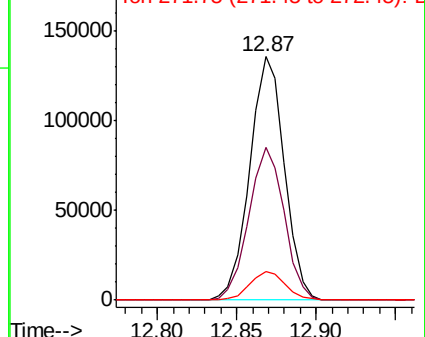
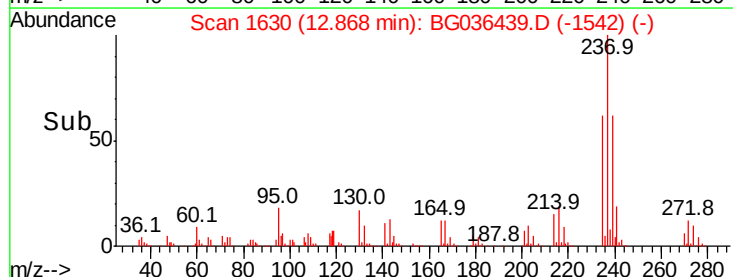
272 11.6 0.0 32.1

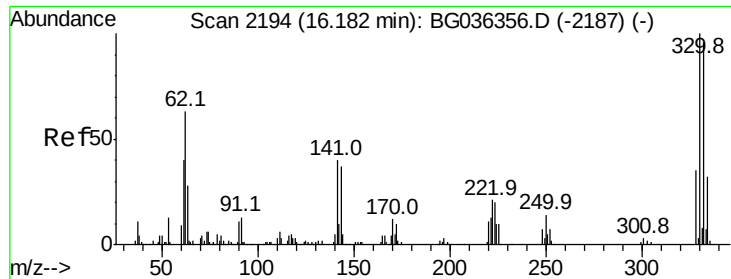


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 113.630 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

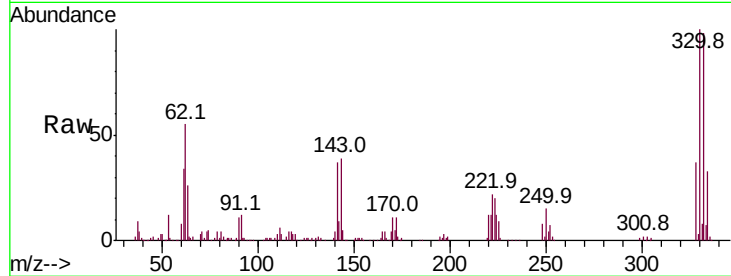
Tot Ion:330 Resp: 216884

Ion Ratio Lower Upper

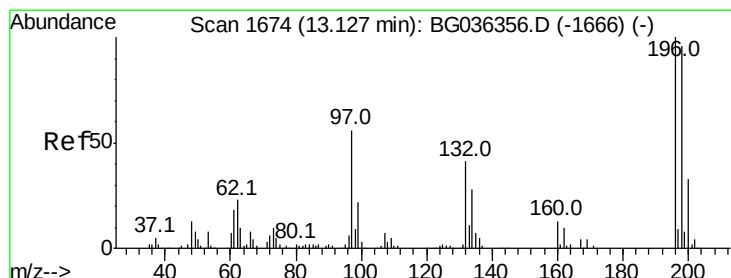
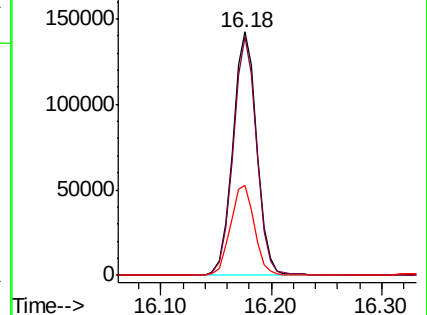
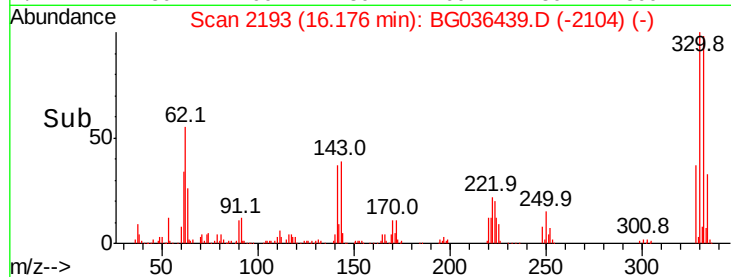
330 100

332 95.7 75.4 113.2

141 37.1 30.7 46.1



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



#42

2,4,6-Trichlorophenol

Concen: 37.091 ng

RT: 13.12 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

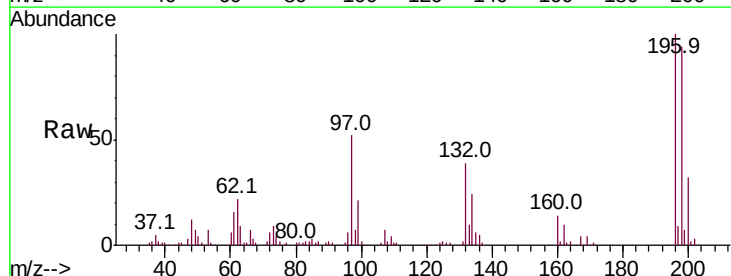
Tgt Ion:196 Resp: 127899

Ion Ratio Lower Upper

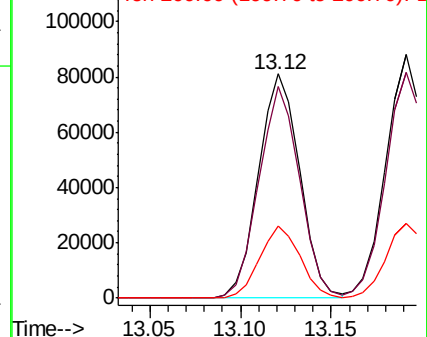
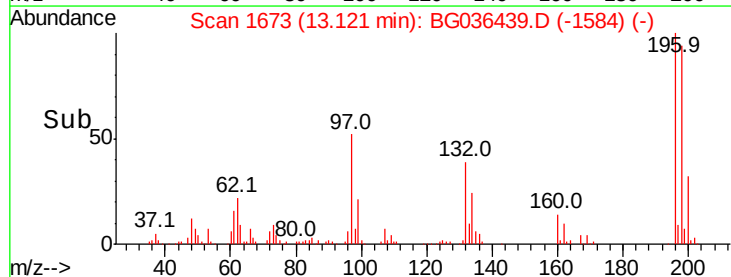
196 100

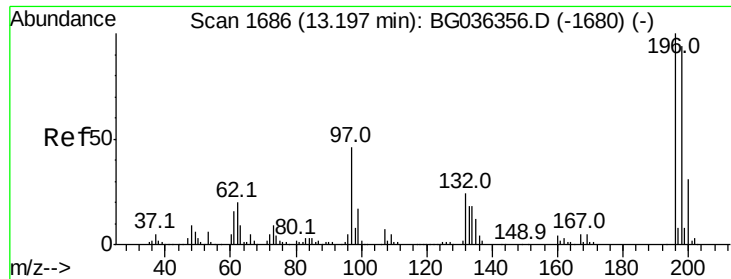
198 94.2 77.2 115.8

200 32.1 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

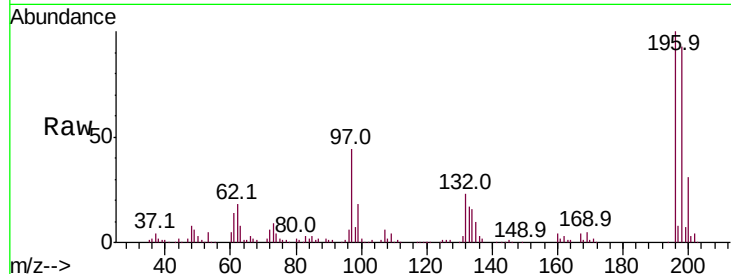




#43
 2,4,5-Trichlorophenol
 Concen: 37.595 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.6	113.4
97	43.6	37.2	55.8
132	22.7	19.4	29.2



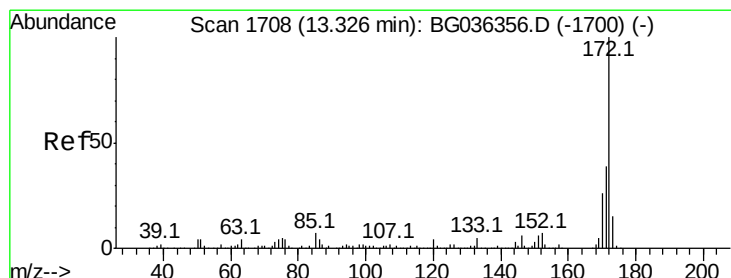
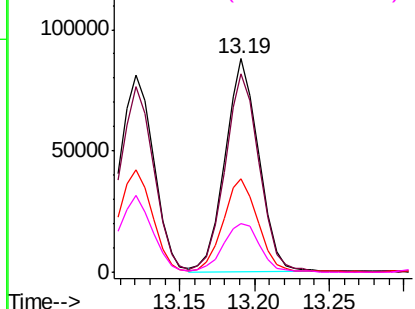
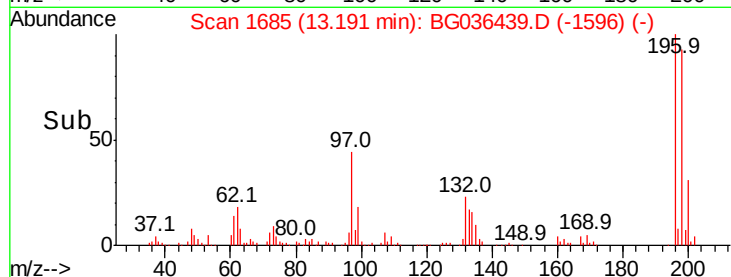
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

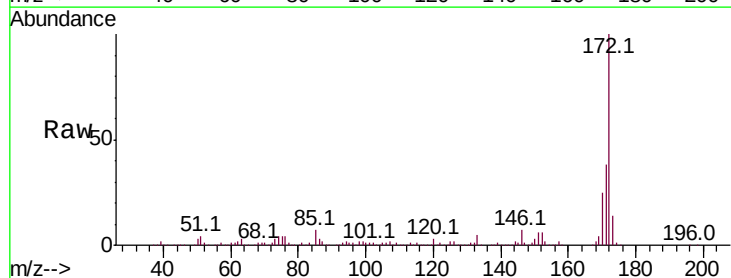
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.816 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.0	21.0	31.6

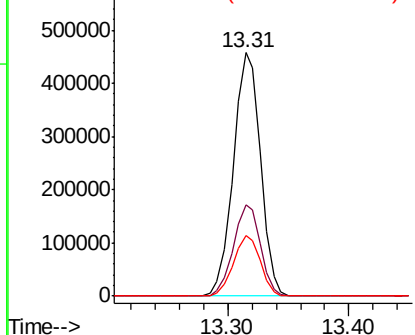
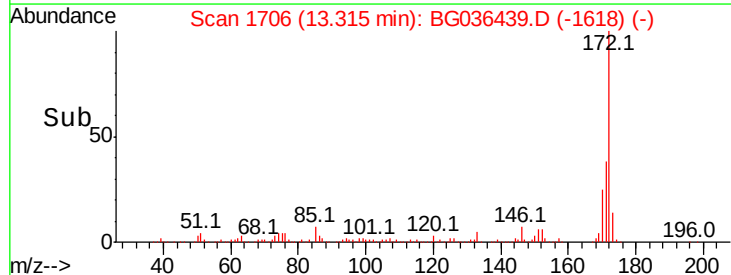


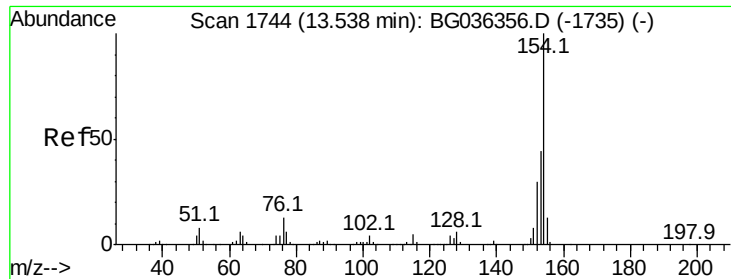
Abundance

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: 33.584 ng

RT: 13.53 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

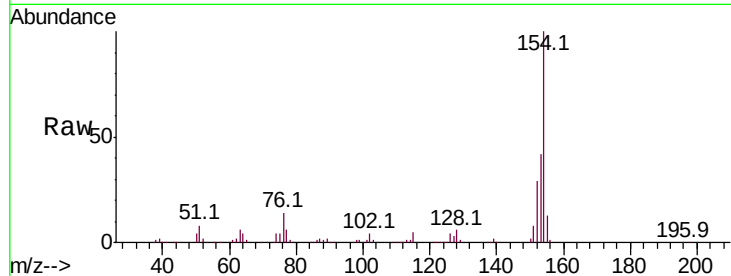
Tot Ion:154 Resp: 445927

Ion Ratio Lower Upper

154 100

153 41.7 24.0 64.0

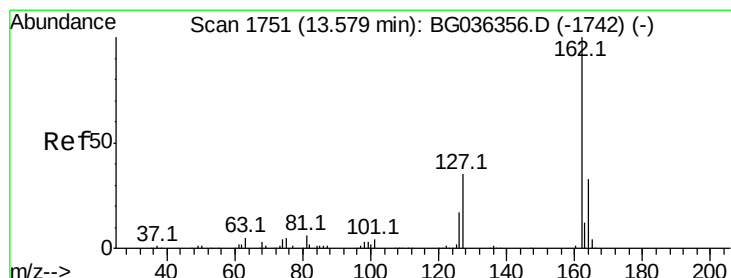
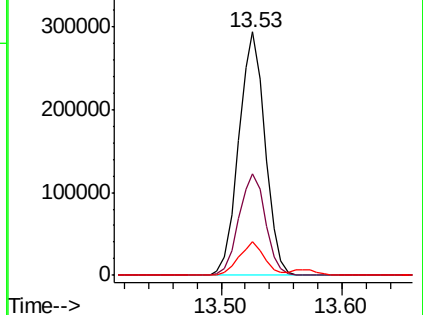
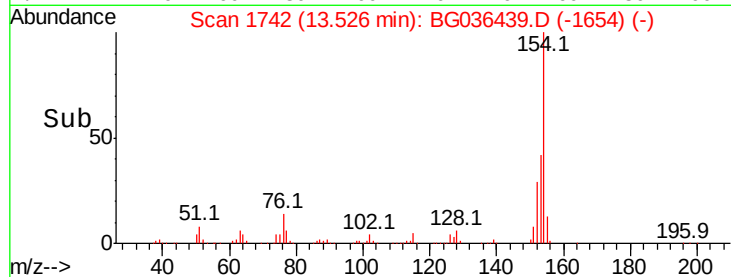
76 13.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 33.443 ng

RT: 13.57 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

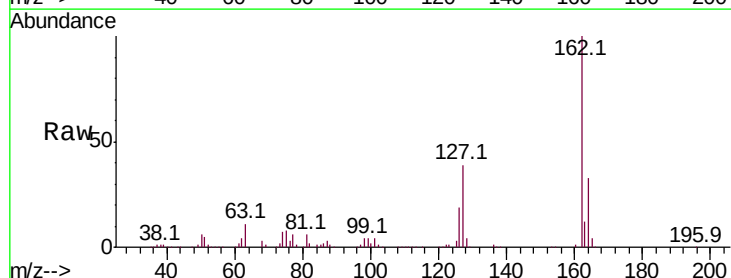
Tgt Ion:162 Resp: 339001

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

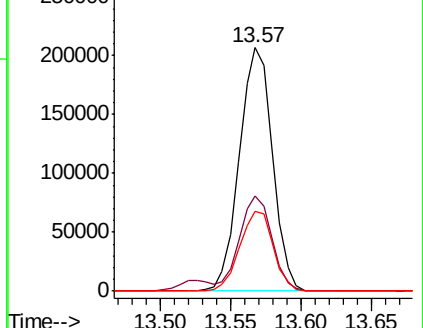
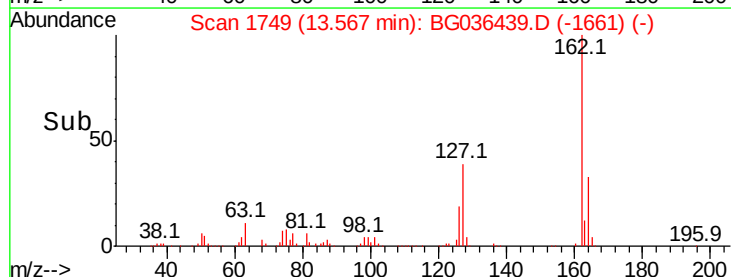
164 32.7 26.7 40.1

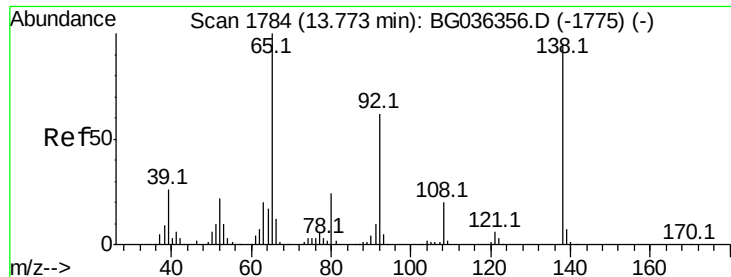


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.815 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

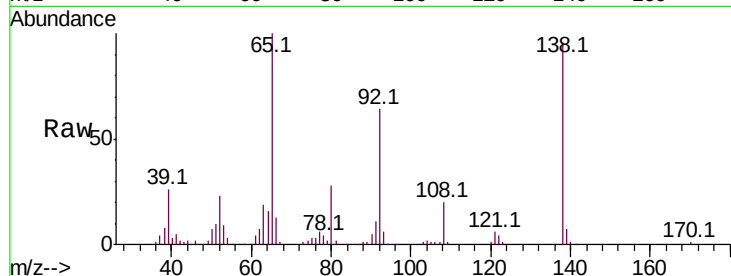
Tot Ion: 65 Resp: 110818

Ion	Ratio	Lower	Upper
65	100		
92	63.8	49.9	74.9
138	95.6	76.2	114.4

65 100

92 63.8 49.9 74.9

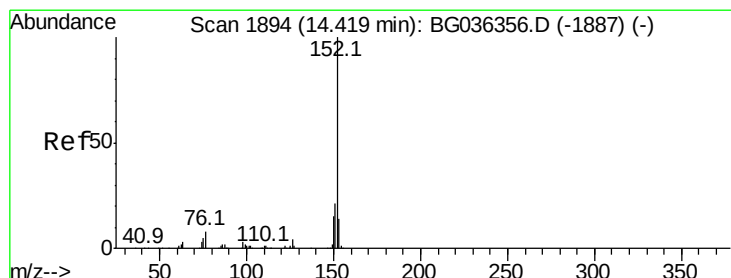
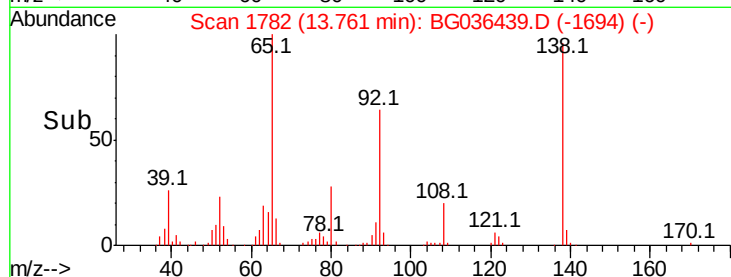
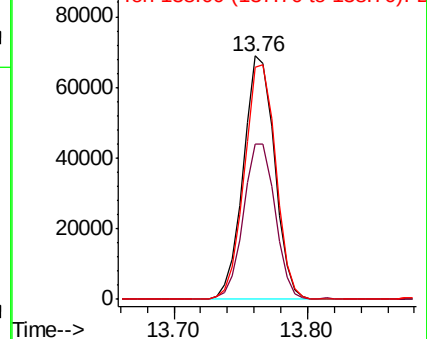
138 95.6 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BG036439.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG036439.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG036439.D (-1775) (-)



#48

Acenaphthylene

Concen: 36.615 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

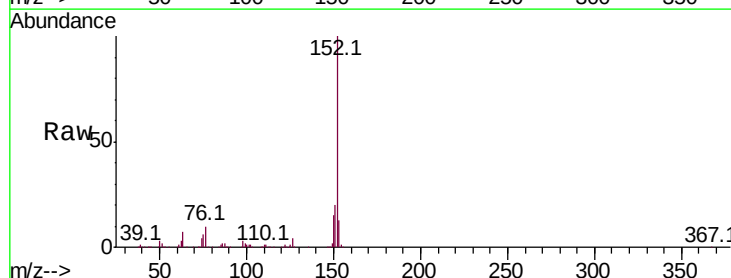
Tgt Ion: 152 Resp: 580048

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.9	25.3
153	13.4	11.2	16.8

152 100

151 19.6 16.9 25.3

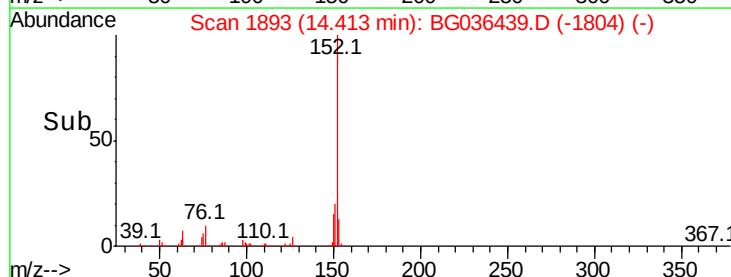
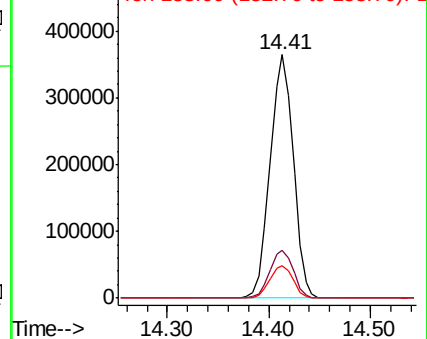
153 13.4 11.2 16.8

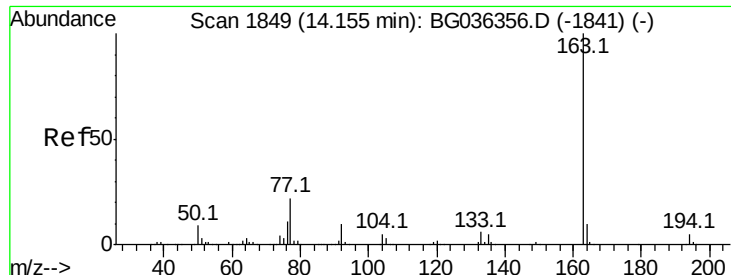


Abundance Ion 152.00 (151.70 to 152.70): BG036439.D (-1804) (-)

Ion 151.00 (150.70 to 151.70): BG036439.D (-1804) (-)

Ion 153.00 (152.70 to 153.70): BG036439.D (-1804) (-)





#49

Dimethylphthalate

Concen: 41.791 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

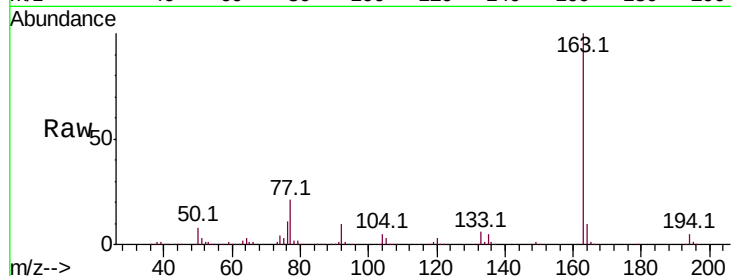
Tot Ion:163 Resp: 545855

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

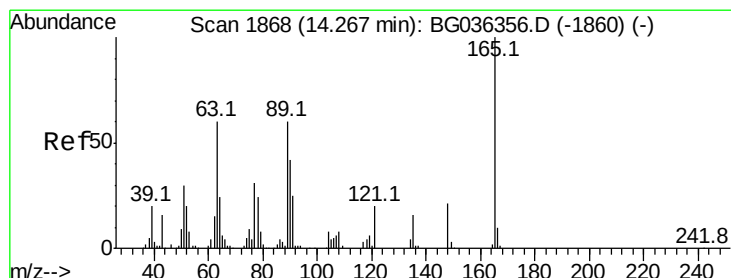
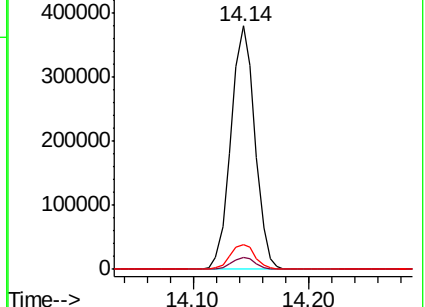
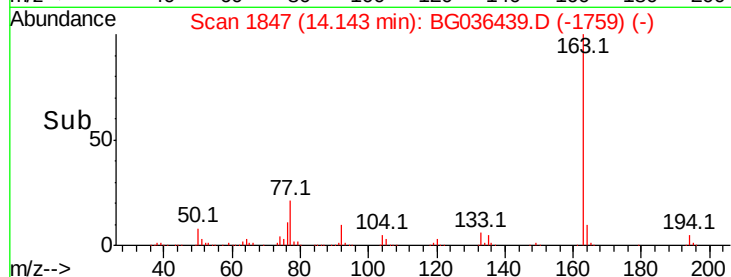
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.343 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

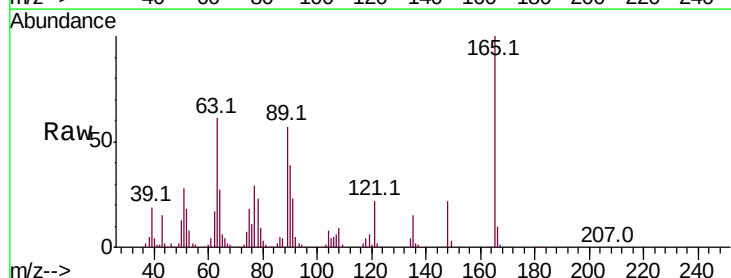
Tgt Ion:165 Resp: 92305

Ion Ratio Lower Upper

165 100

63 61.3 50.1 75.1

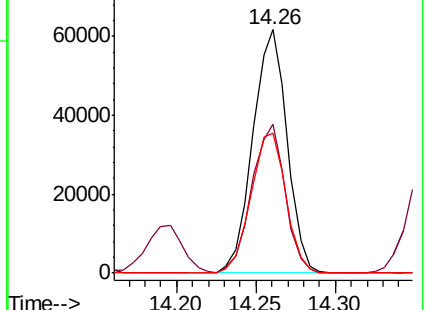
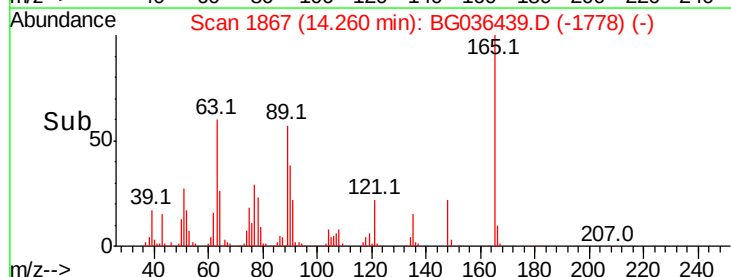
89 57.3 47.8 71.6

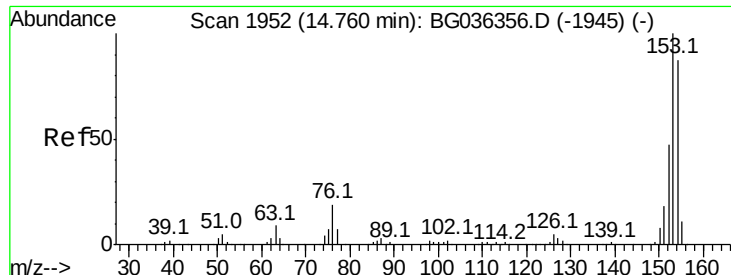


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 36.126 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

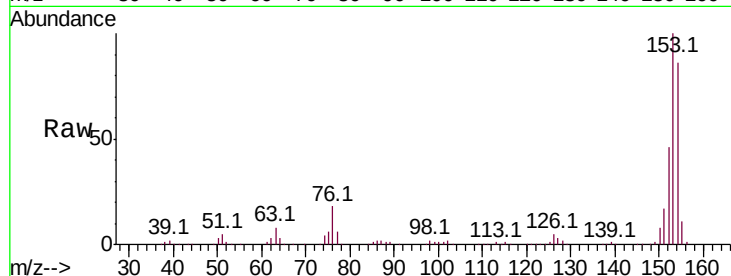
Tot Ion:154 Resp: 366523

Ion Ratio Lower Upper

154 100

153 116.9 91.8 137.6

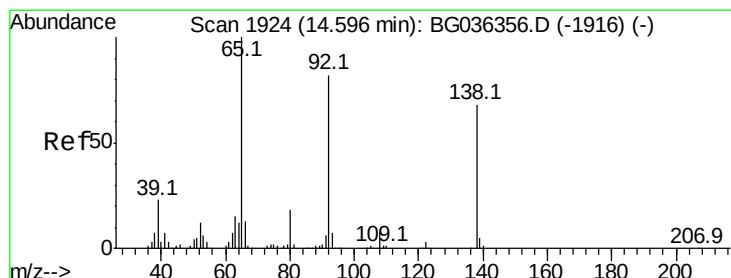
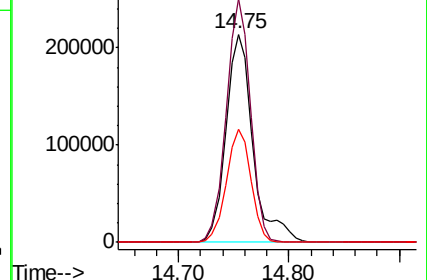
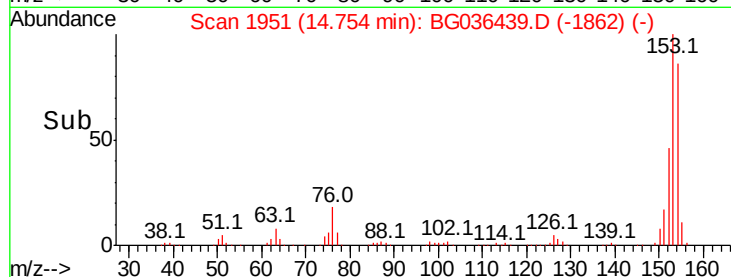
152 54.1 43.5 65.3



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: 27.184 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

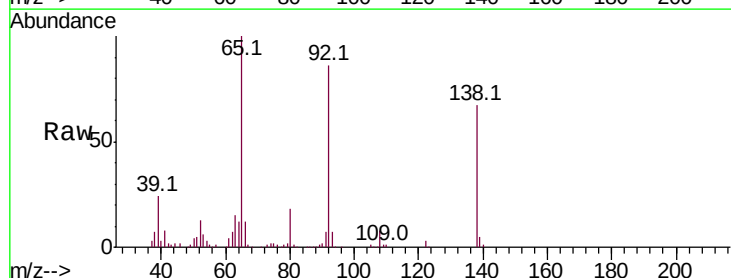
Tgt Ion:138 Resp: 78734

Ion Ratio Lower Upper

138 100

108 12.2 9.4 14.2

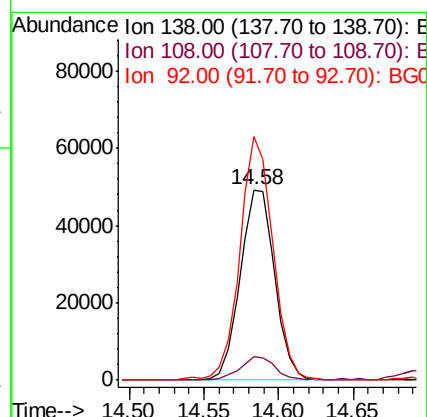
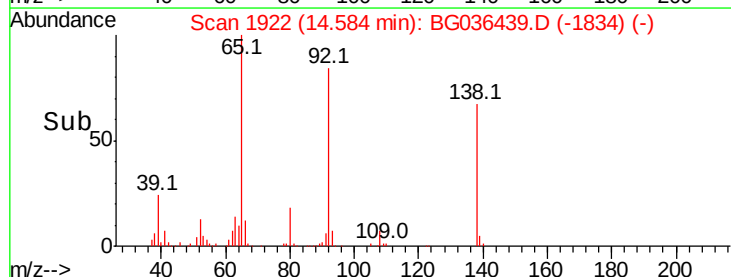
92 127.9 96.8 145.2

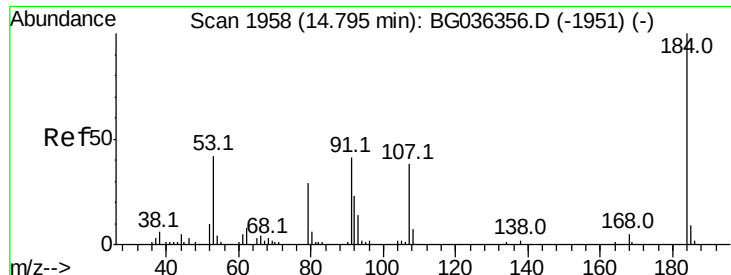


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

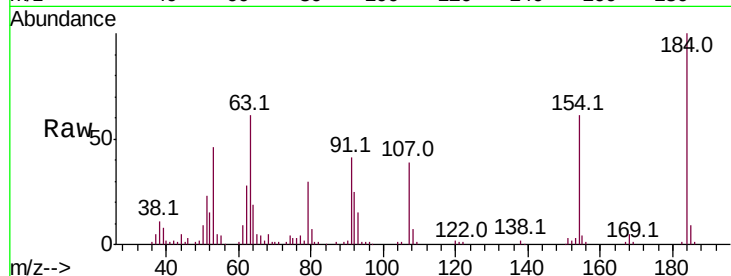




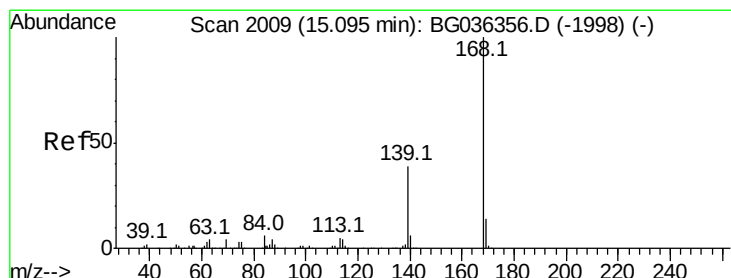
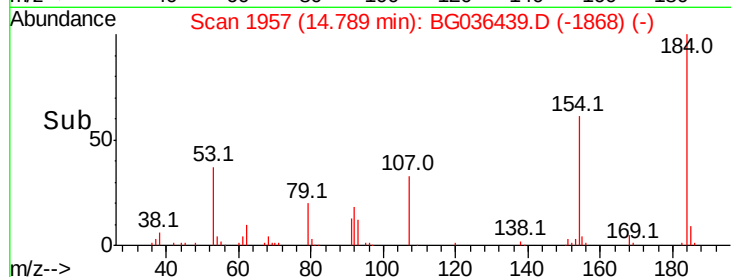
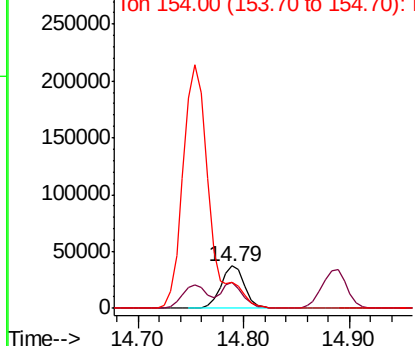
#53
 2,4-Dinitrophenol
 Concen: 58.382 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 59436
 Ion Ratio Lower Upper
 184 100
 63 61.4 47.3 70.9
 154 61.4 51.1 76.7

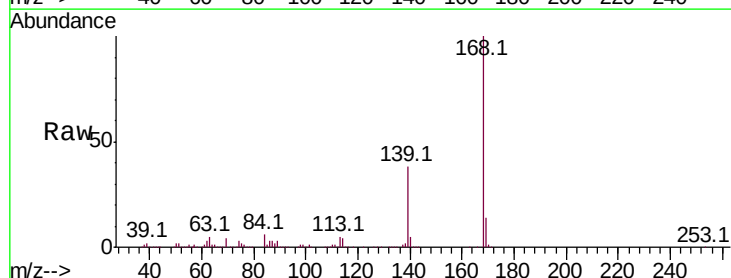


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

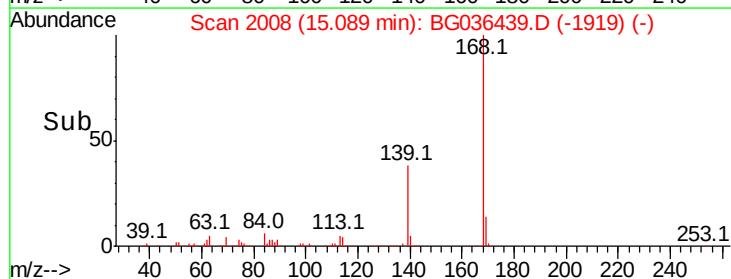
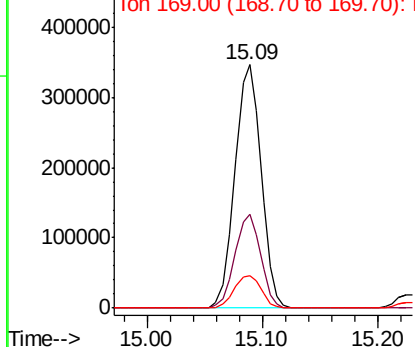


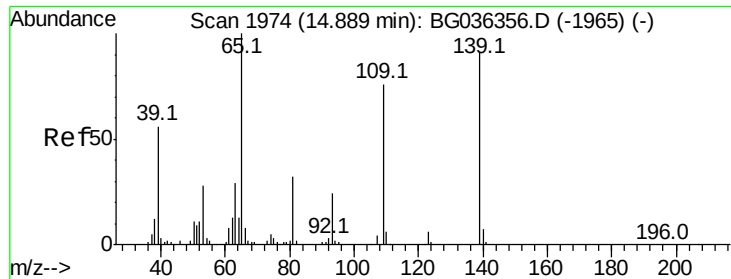
#54
 Dibenzofuran
 Concen: 34.173 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:168 Resp: 543191
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.0 46.6
 169 13.6 11.1 16.7



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

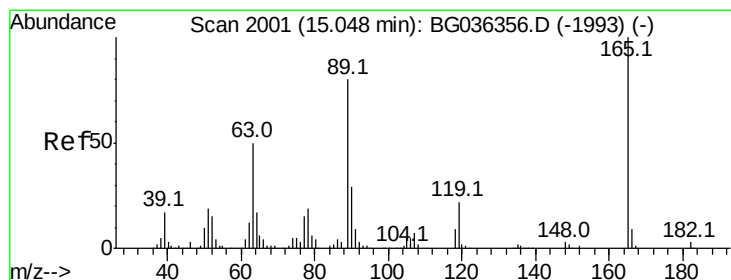
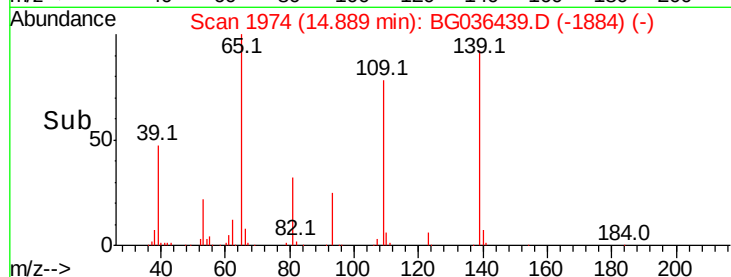
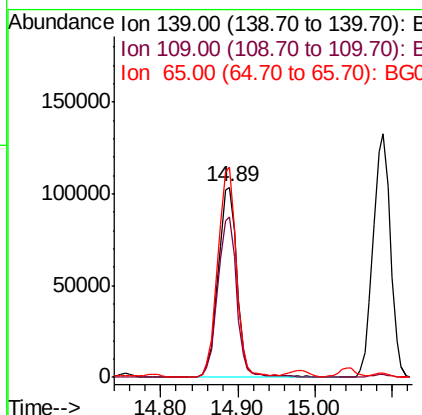
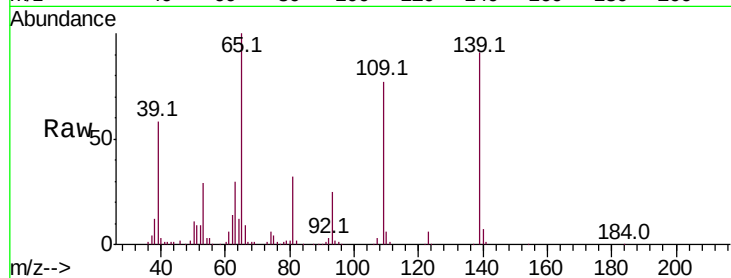




#55
4-Nitrophenol
Concen: 74.543 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

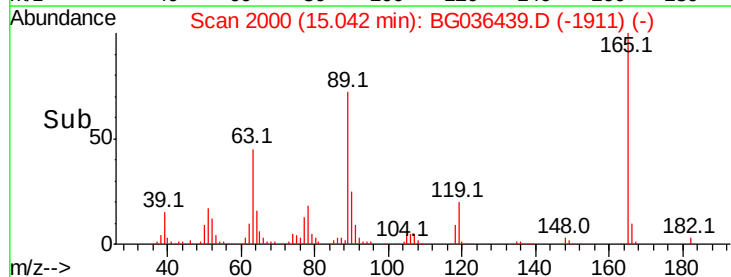
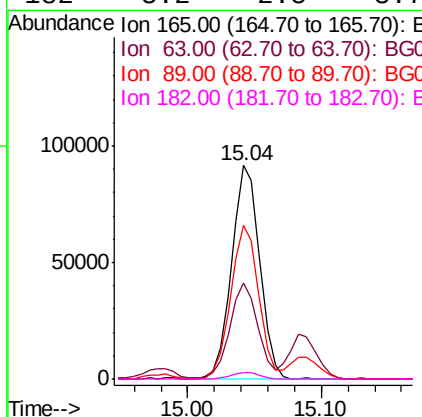
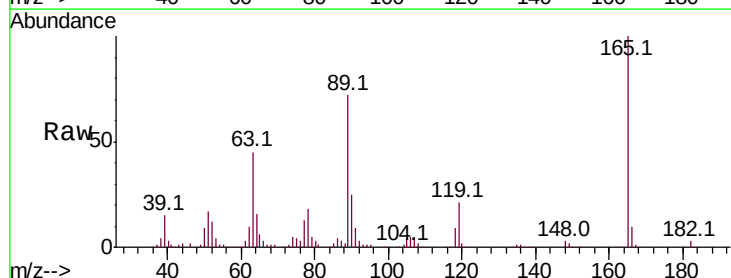
Instrument :
BNA_G
ClientSampleId :

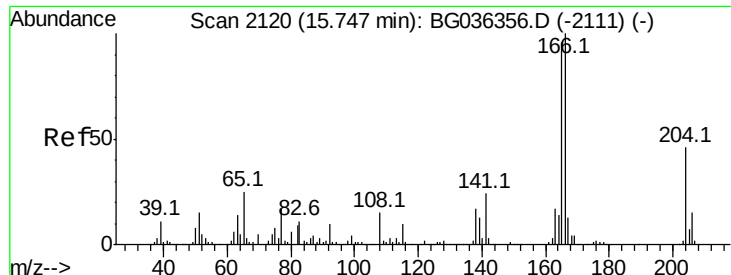
Tot Ion	Ratio	Lower	Upper
139	100		
109	84.4	63.9	103.9
65	110.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 38.208 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	40.1	60.1
89	71.7	63.7	95.5
182	3.2	2.5	3.7

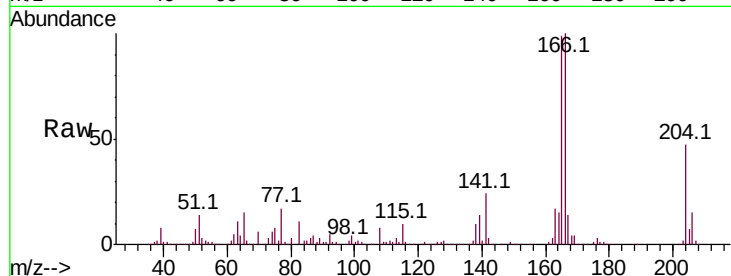




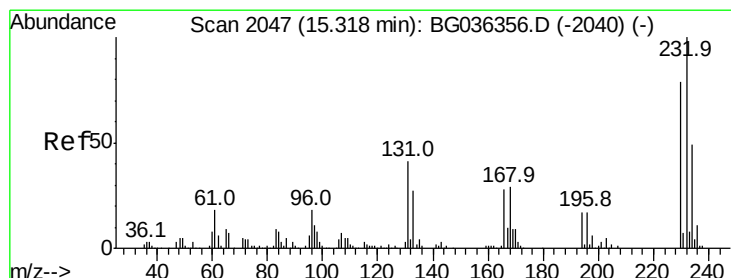
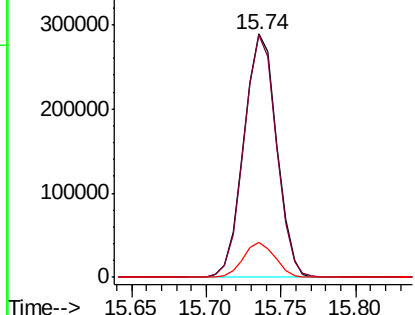
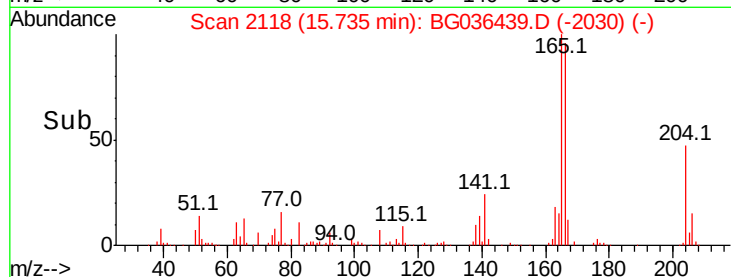
#57
 Fluorene
 Concen: 36.893 ng
 RT: 15.74 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 438379
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.0 115.4
 167 14.2 10.6 16.0

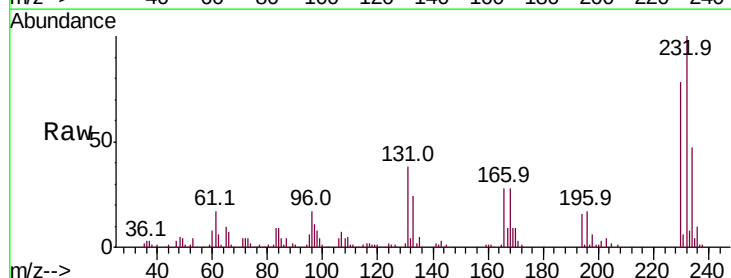


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

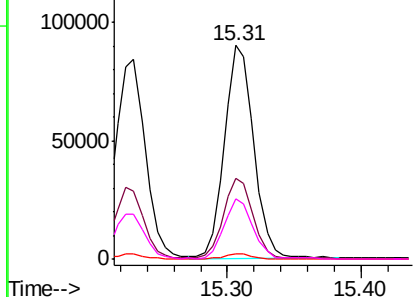
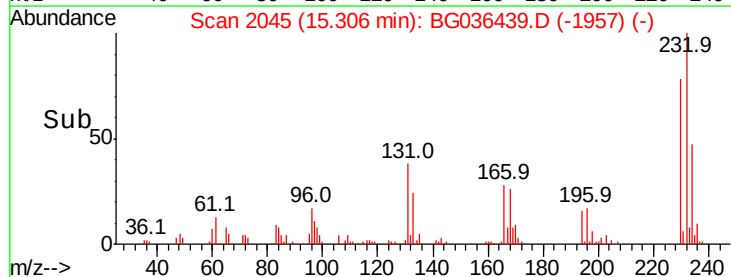


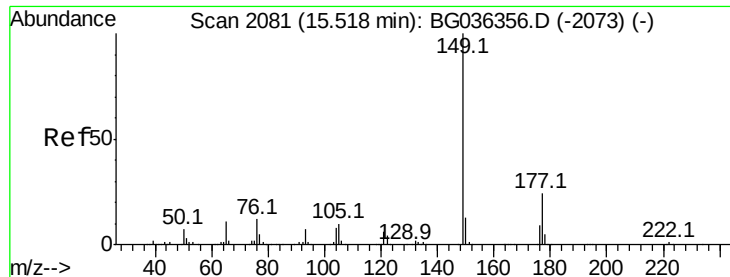
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.045 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:232 Resp: 138380
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.8 50.8
 130 2.2 2.1 3.1
 166 27.9 22.3 33.5



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

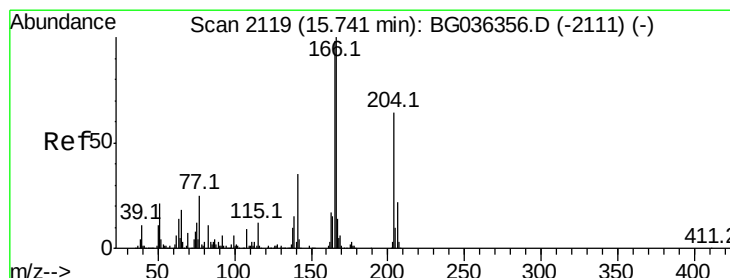
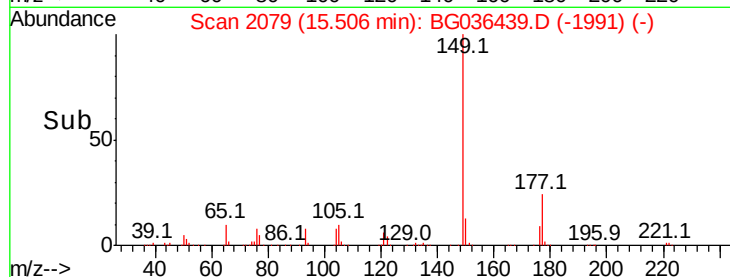
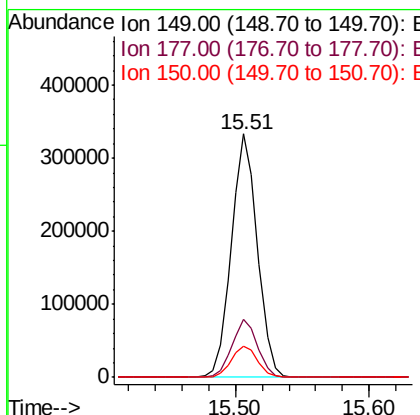
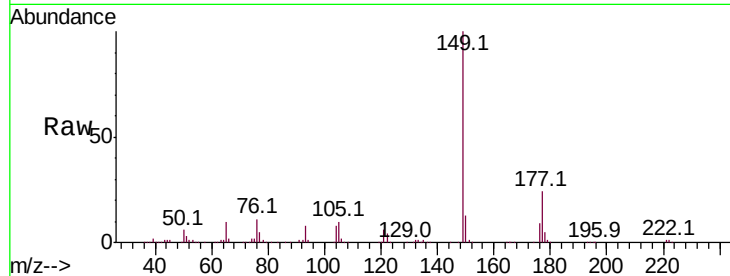




#59
Diethylphthalate
Concen: 34.219 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

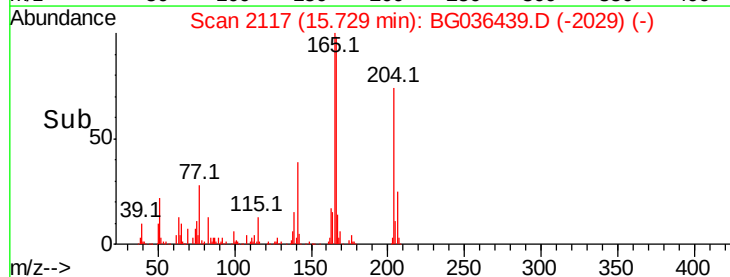
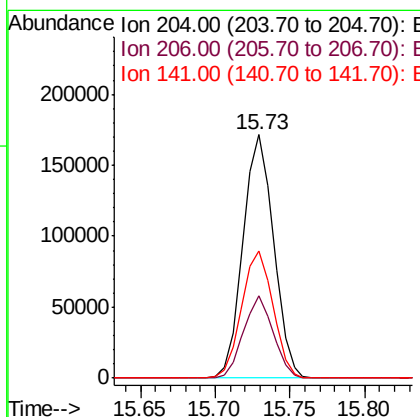
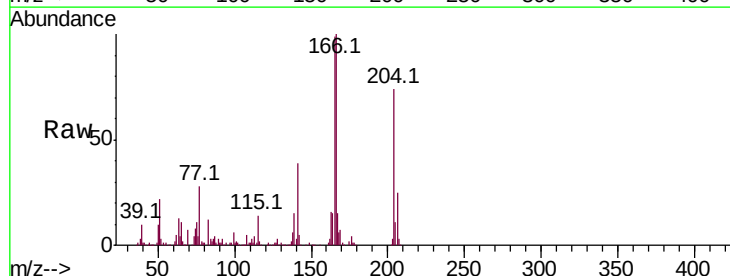
Instrument :
BNA_G
ClientSampled :

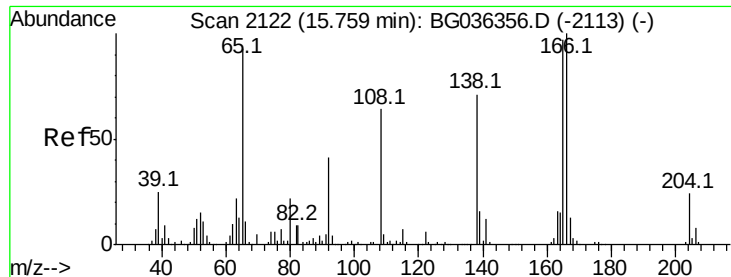
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	12.9	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 33.177 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.0	40.4
141	52.2	43.8	65.6

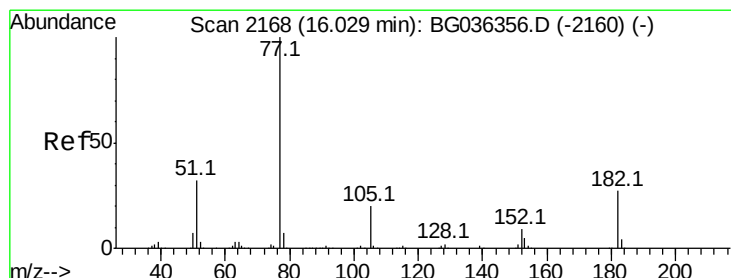
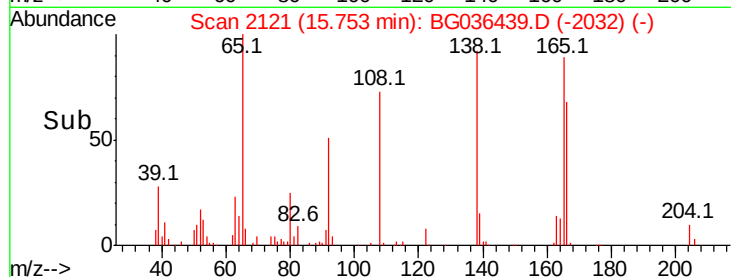
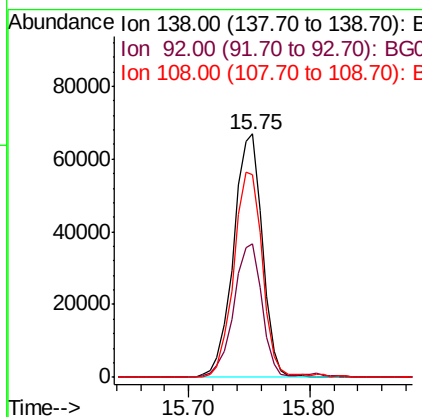
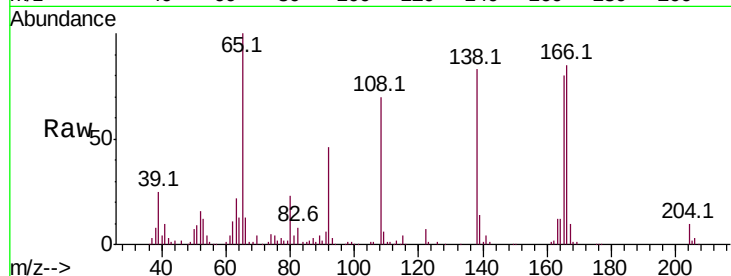




#61
4-Nitroaniline
Concen: 36.753 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

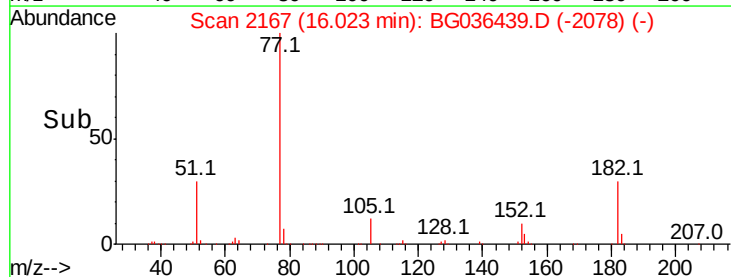
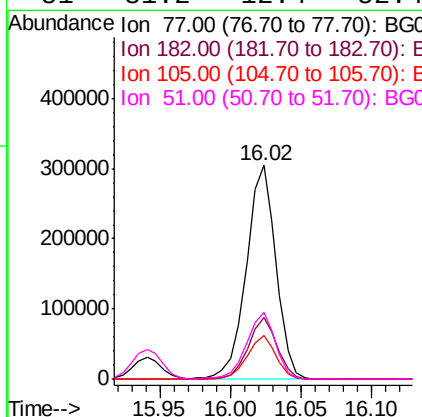
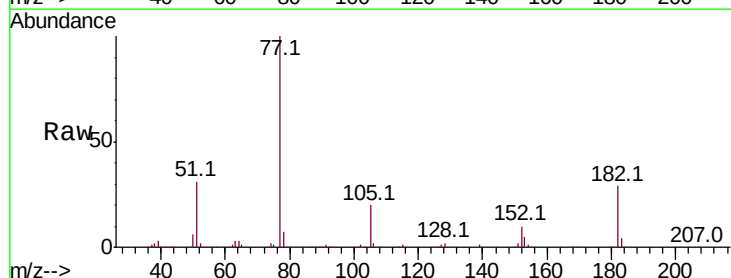
Instrument :
BNA_G
ClientSampled :

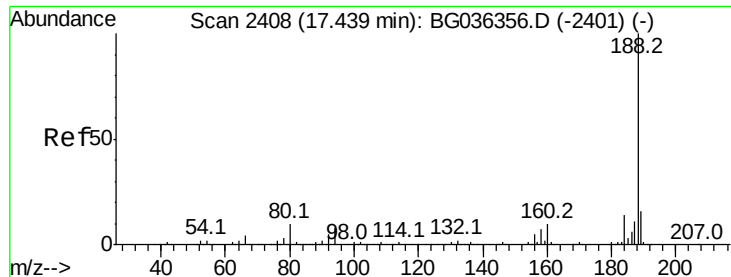
Tot Ion:138 Resp: 111393
Ion Ratio Lower Upper
138 100
92 54.8 38.5 78.5
108 83.3 70.3 110.3



#62
Azobenzene
Concen: 33.227 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion: 77 Resp: 445014
Ion Ratio Lower Upper
77 100
182 28.6 6.7 46.7
105 20.3 0.0 39.8
51 31.2 12.4 52.4

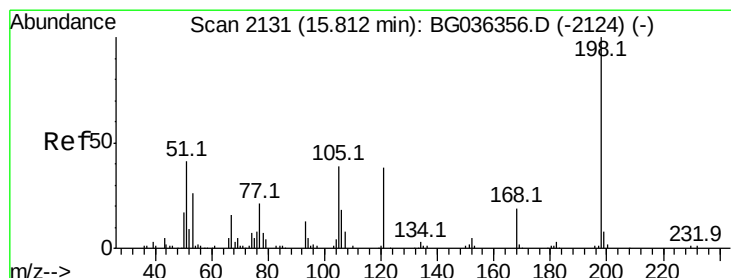
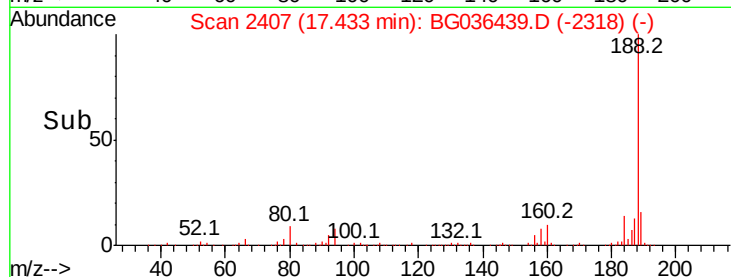
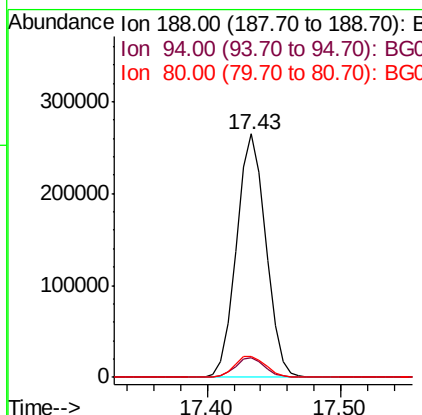
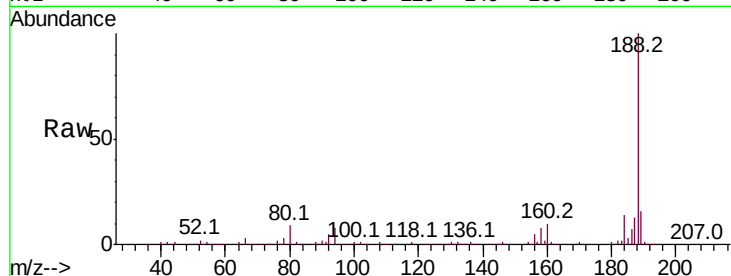




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

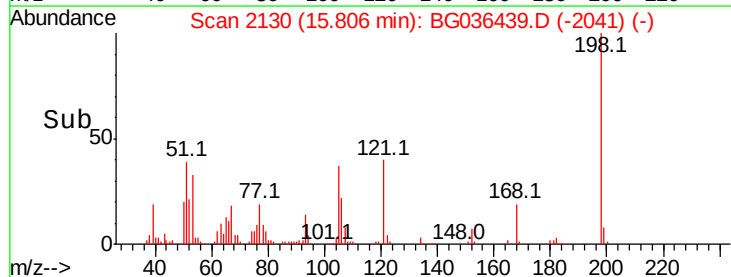
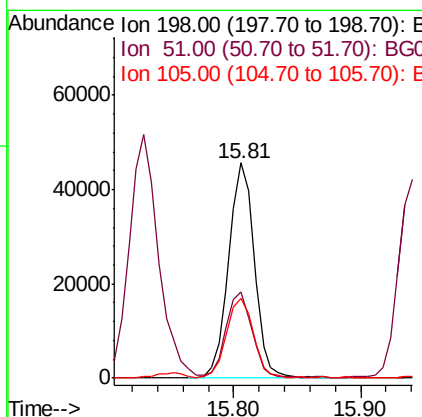
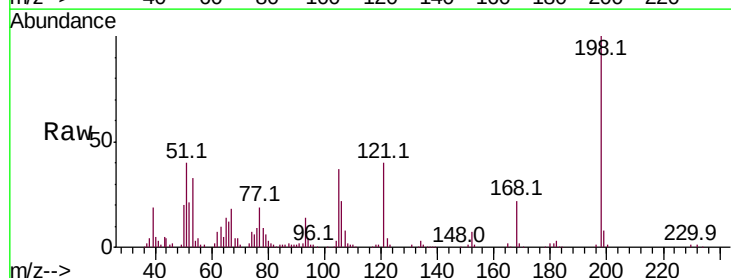
Instrument :
 BNA_G
 ClientSampleId :

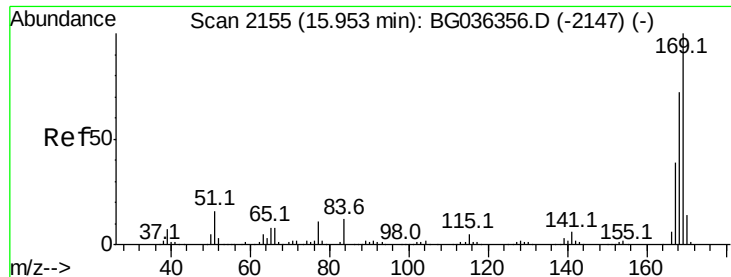
Tot Ion:188 Resp: 403605
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 8.6 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.091 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:198 Resp: 63987
 Ion Ratio Lower Upper
 198 100
 51 39.8 26.5 66.5
 105 37.0 20.2 60.2

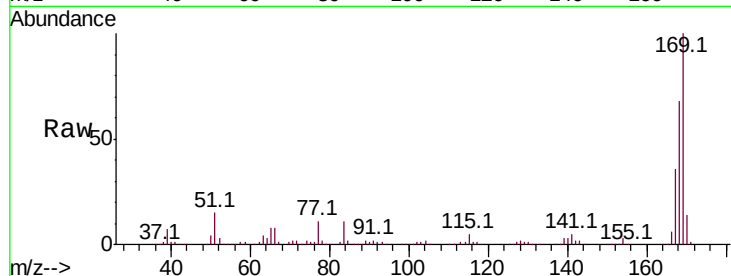




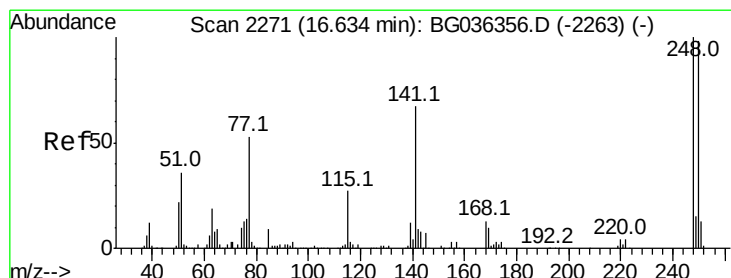
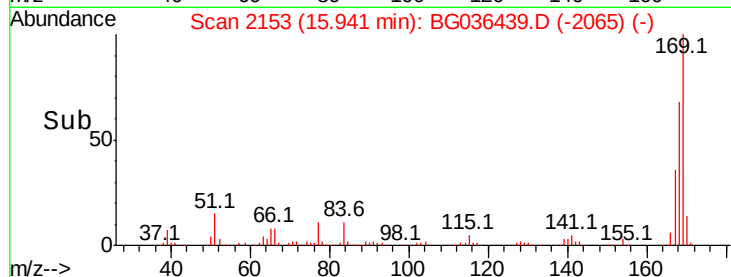
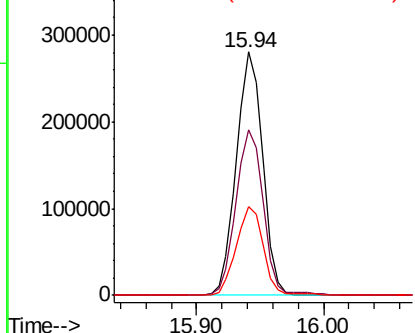
#65
 n-Nitrosodiphenylamine
 Concen: 33.575 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 402652
 Ion Ratio Lower Upper
 169 100
 168 67.9 57.6 86.4
 167 36.3 31.0 46.4

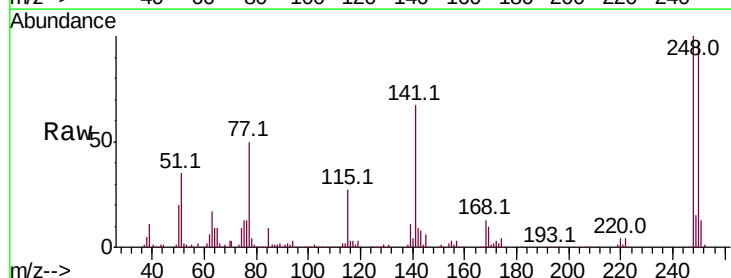


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

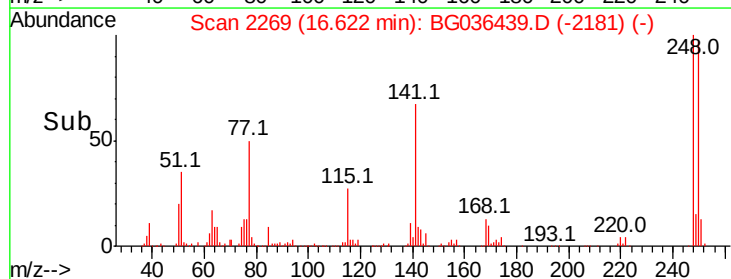
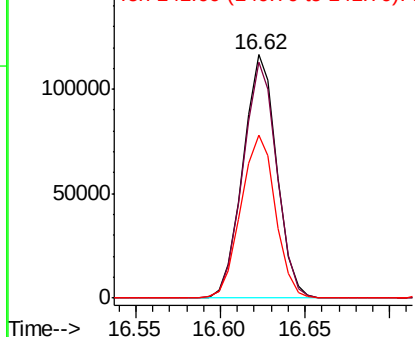


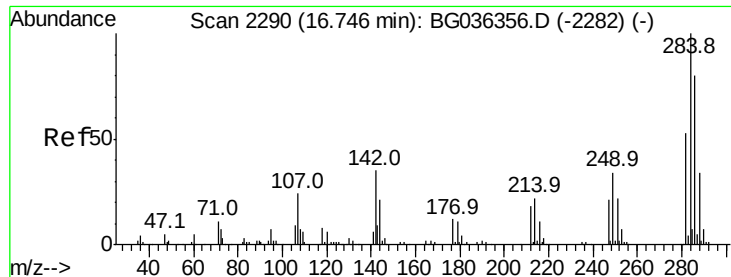
#66
 4-Bromophenyl-phenylether
 Concen: 34.207 ng
 RT: 16.62 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:248 Resp: 161642
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.1 117.1
 141 66.8 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

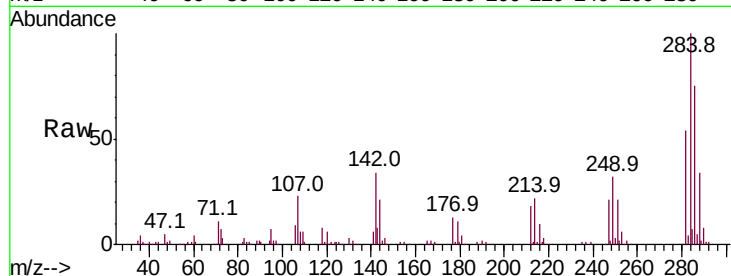




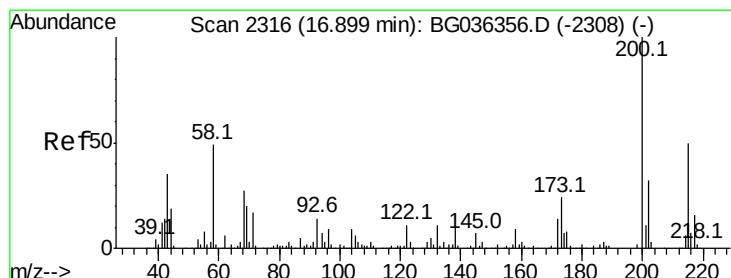
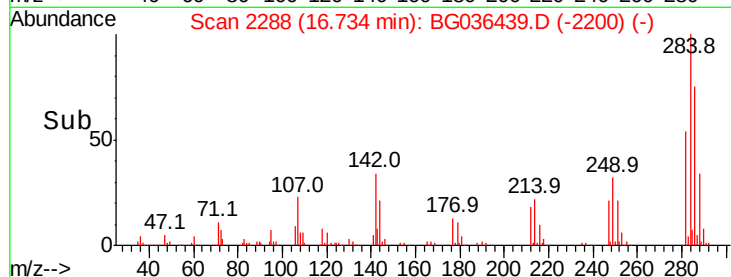
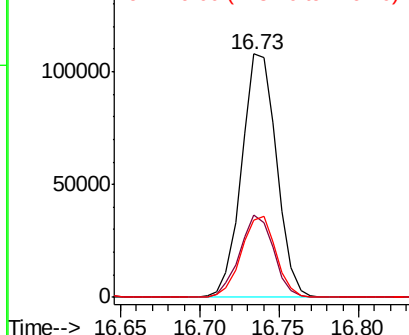
#67
Hexachlorobenzene
Concen: 34.009 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.8	41.6
249	31.7	27.4	41.2

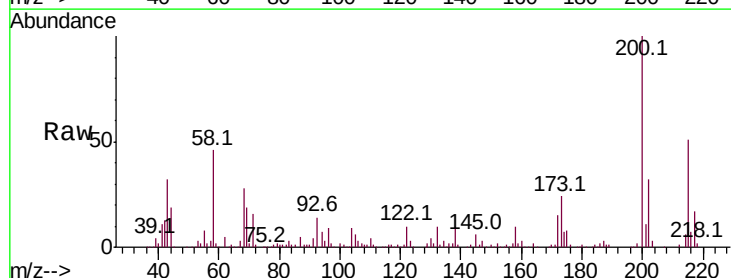


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

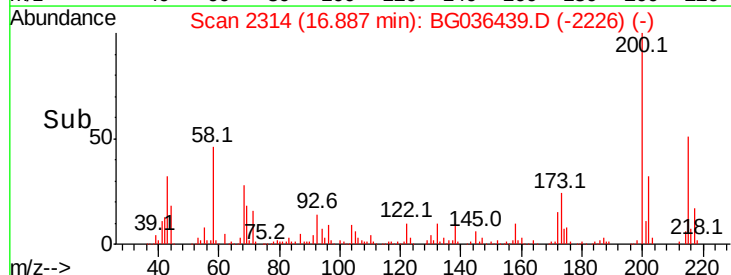
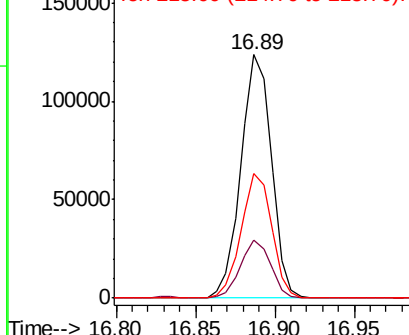


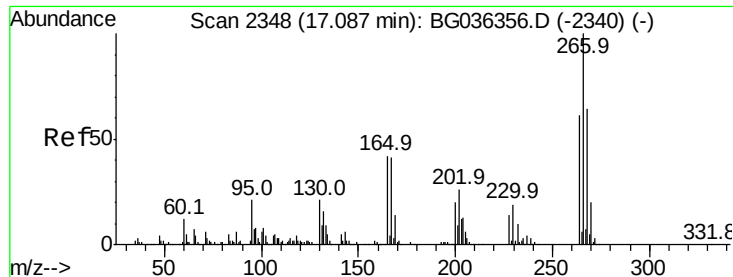
#68
Atrazine
Concen: 36.783 ng
RT: 16.89 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.9	43.9
215	51.3	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

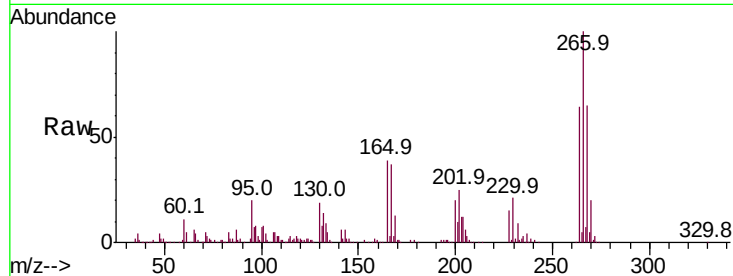




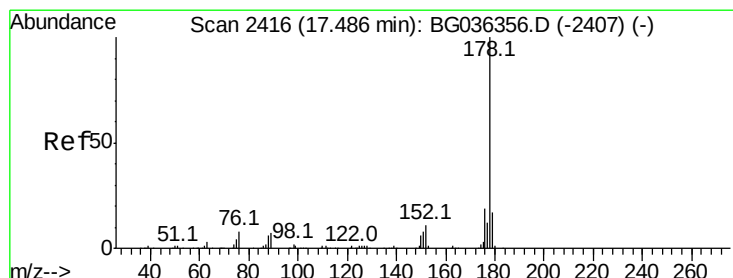
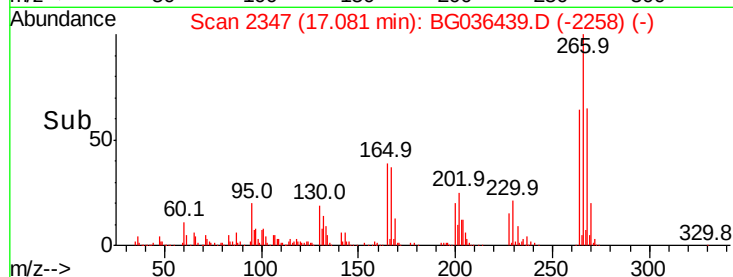
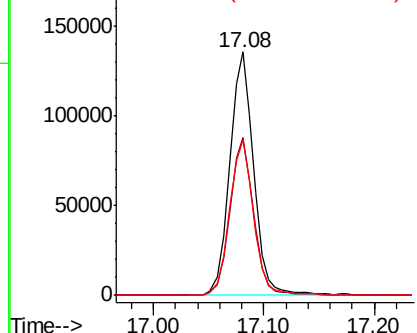
#69
 Pentachlorophenol
 Concen: 62.758 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	266	Resp:	206094
Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.4	77.2
264	63.8	48.9	73.3

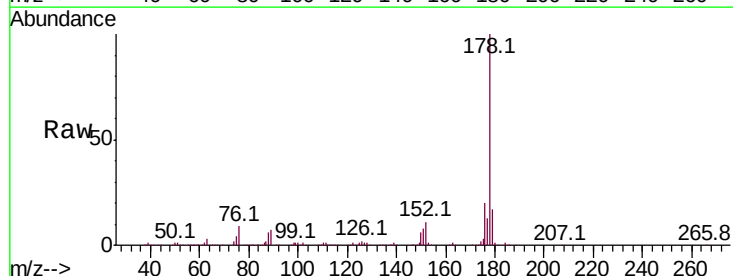


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

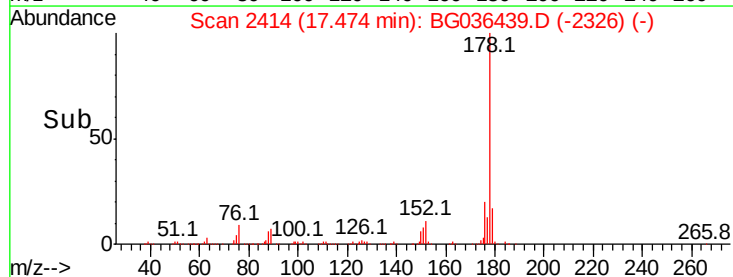
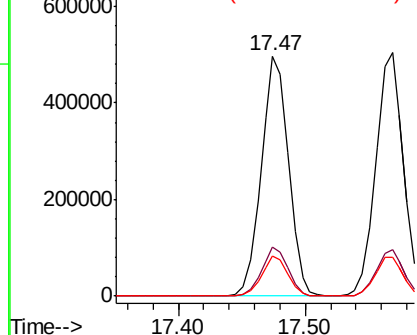


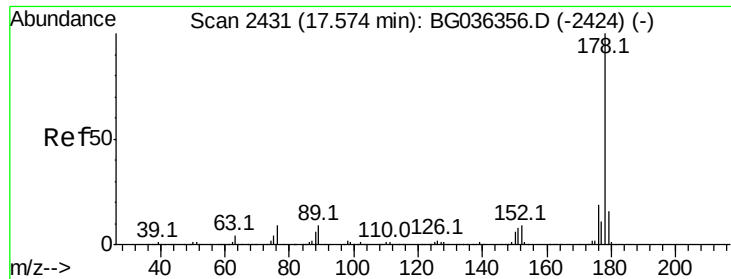
#70
 Phenanthrene
 Concen: 36.259 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:	178	Resp:	743609
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.5	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

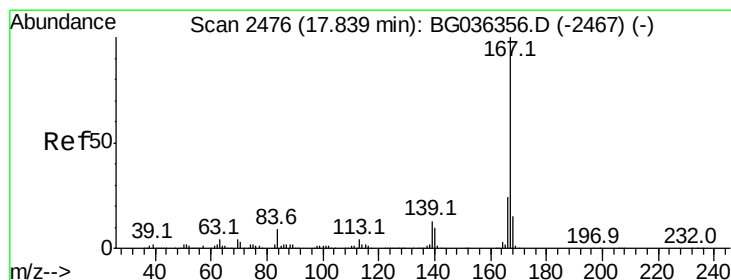
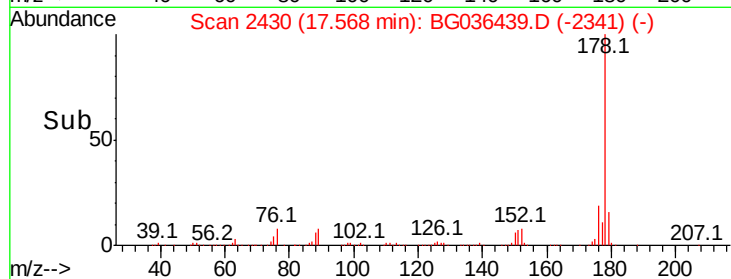
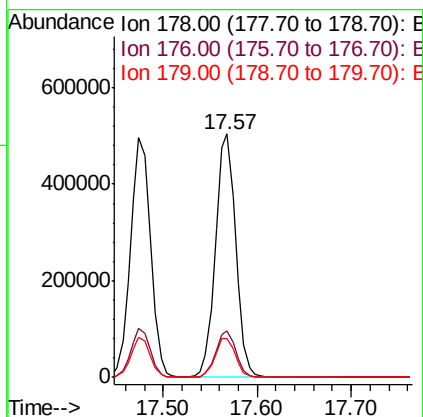
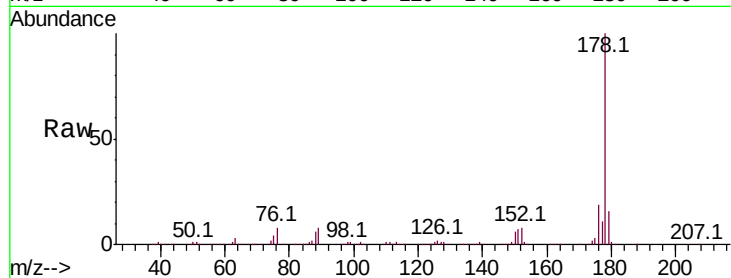




#71
 Anthracene
 Concen: 37.189 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

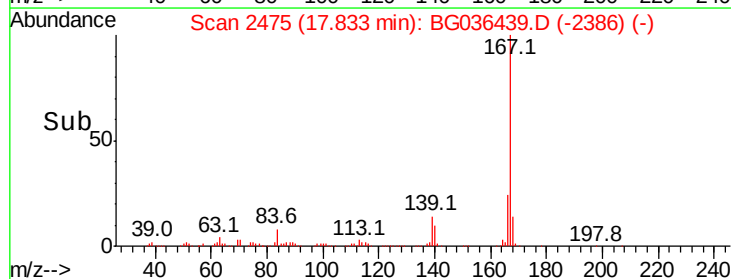
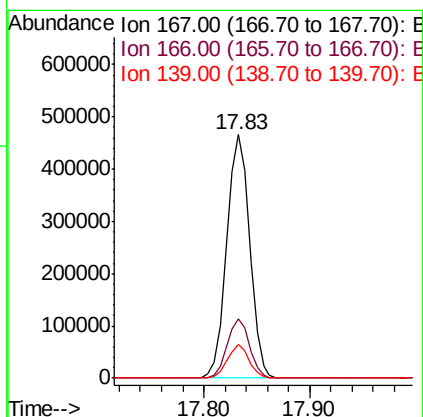
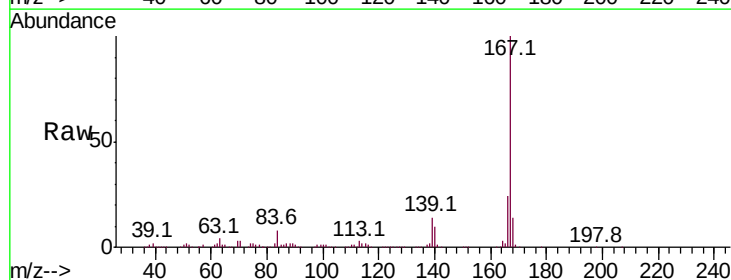
Instrument :
 BNA_G
 ClientSampleId :

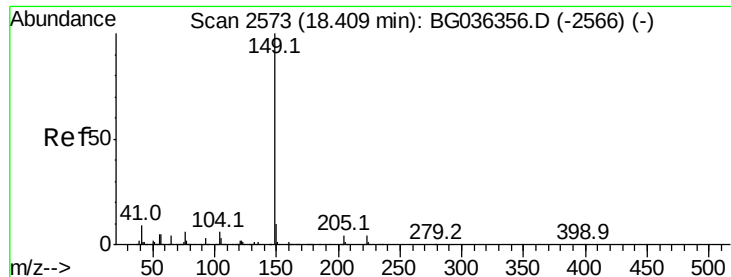
Tot Ion:178 Resp: 760253
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 34.150 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:167 Resp: 697210
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.5 29.3
 139 13.7 10.7 16.1





#73

Di-n-butylphthalate

Concen: 34.601 ng

RT: 18.40 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

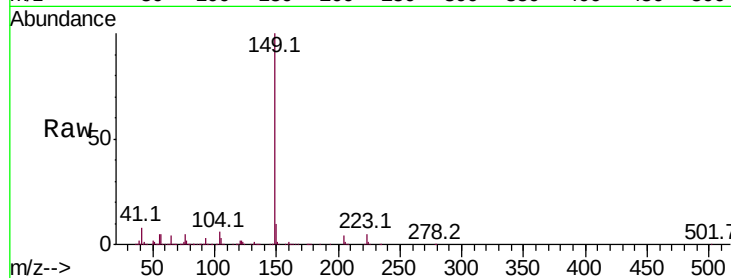
Tot Ion:149 Resp: 786651

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

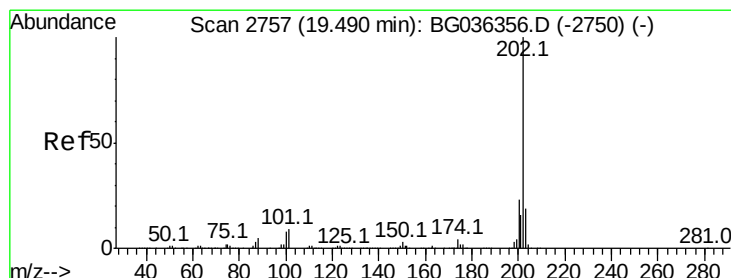
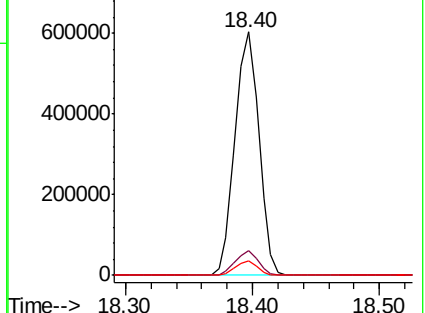
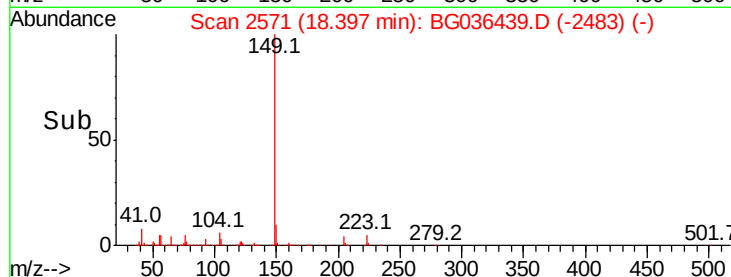
104 6.1 4.6 6.8



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: 37.398 ng

RT: 19.48 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

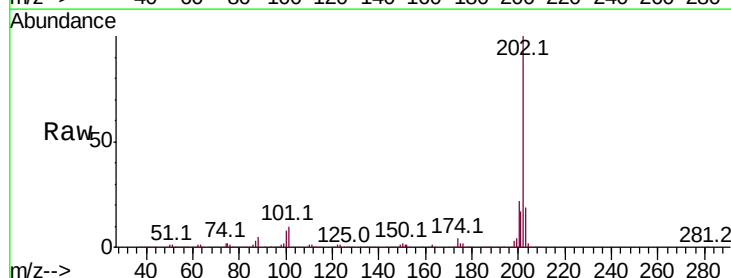
Tgt Ion:202 Resp: 935108

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.4

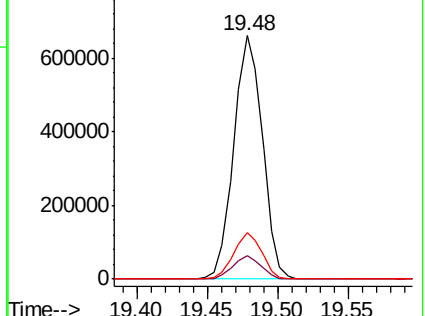
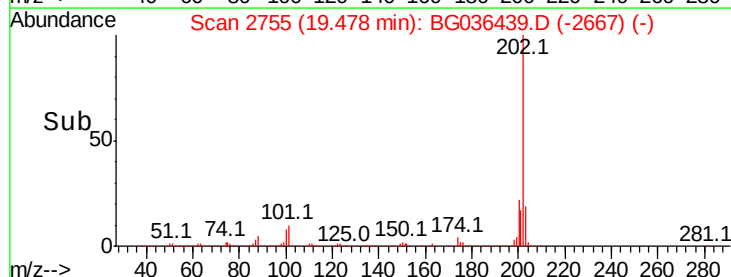
203 19.0 0.0 38.9

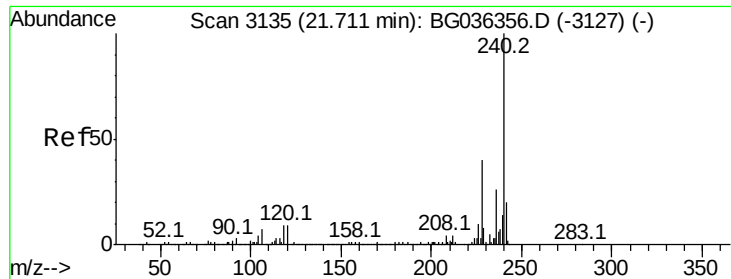


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

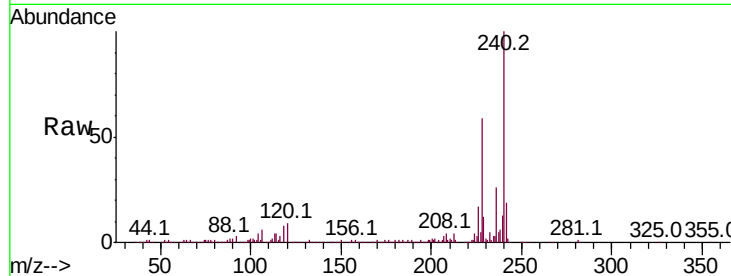
Tot Ion:240 Resp: 424203

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

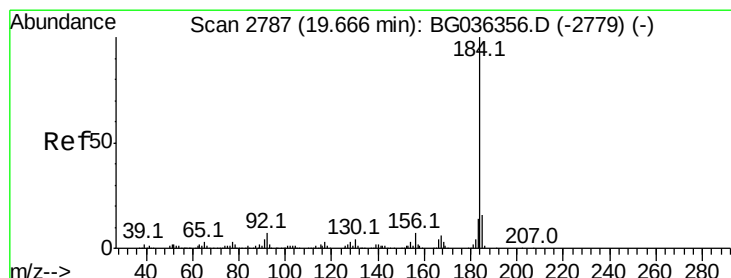
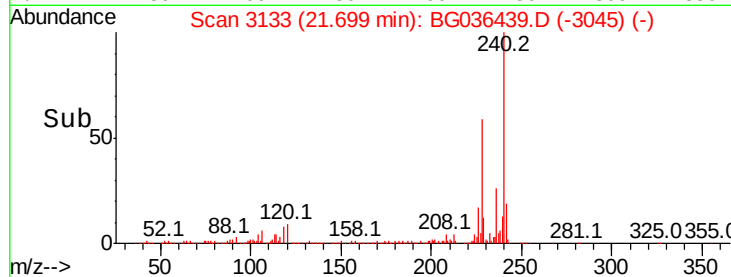
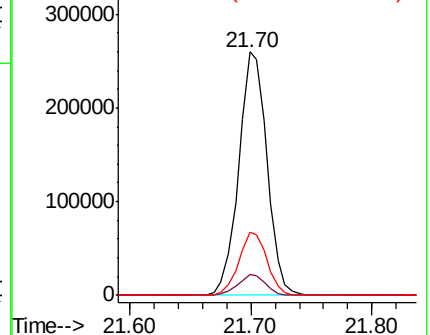
236 25.7 21.2 31.8



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: 37.979 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

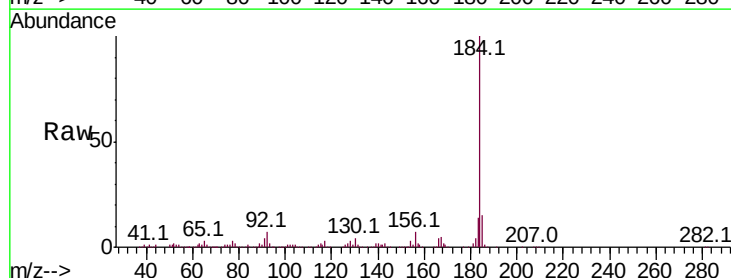
Tgt Ion:184 Resp: 514009

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

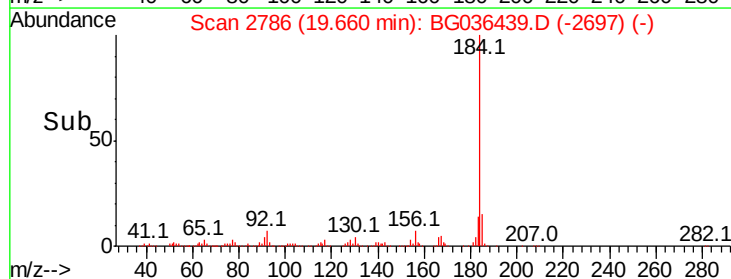
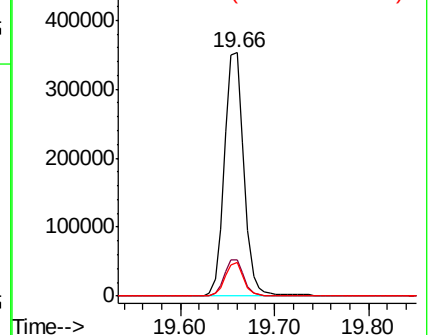
183 13.7 10.9 16.3

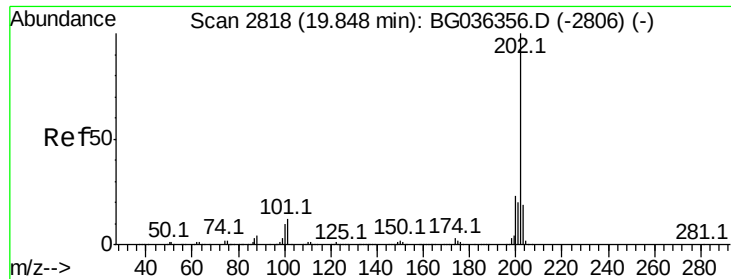


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

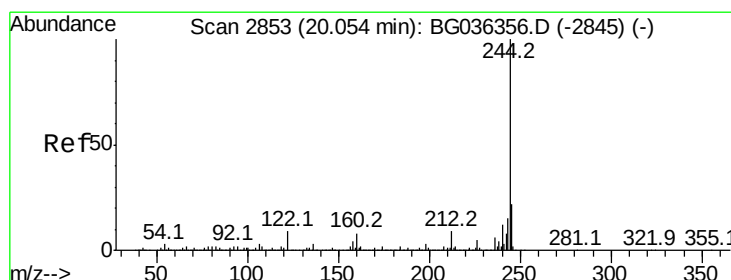
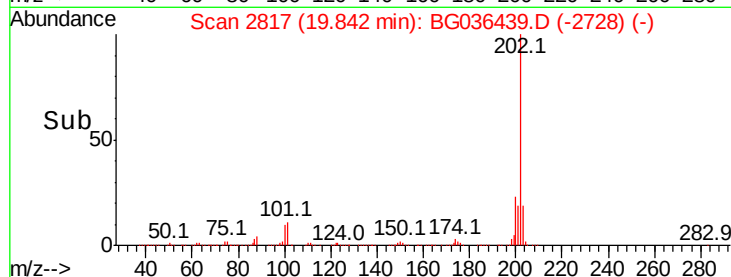
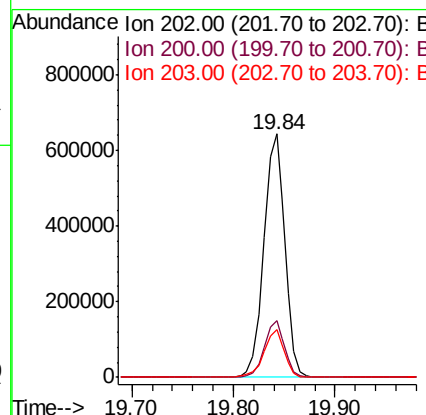
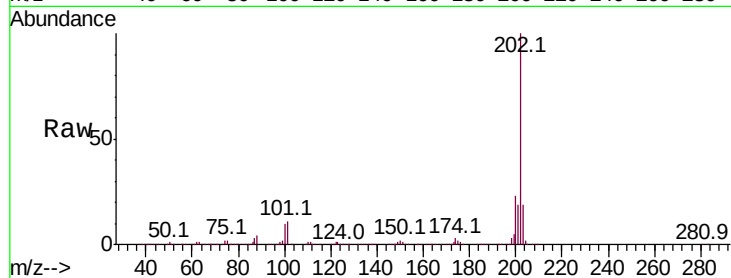




#77
Pvrene
Concen: 35.569 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

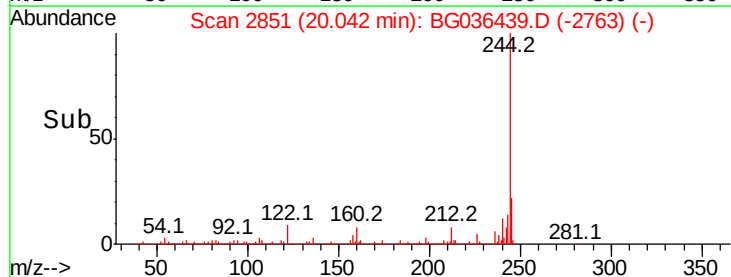
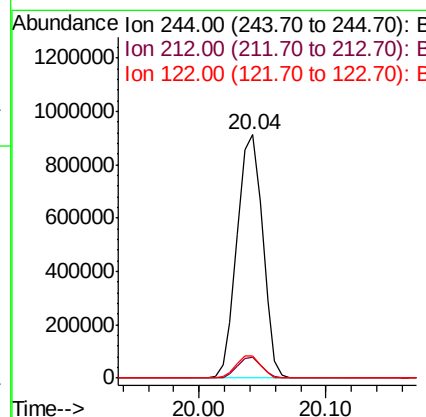
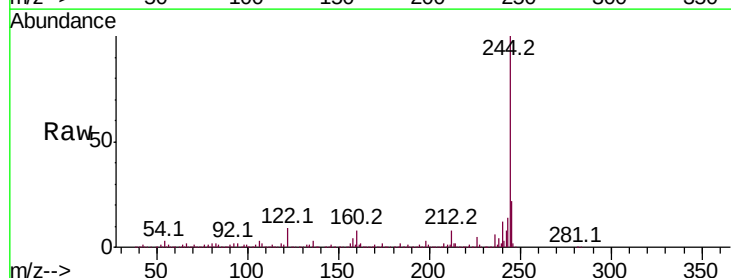
Instrument :
BNA_G
ClientSampleId :

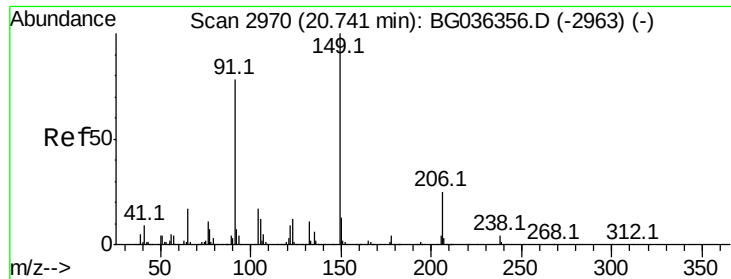
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.3	27.5
203	19.5	15.1	22.7



#78
Terphenyl-d14
Concen: 70.148 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.9	7.1	10.7

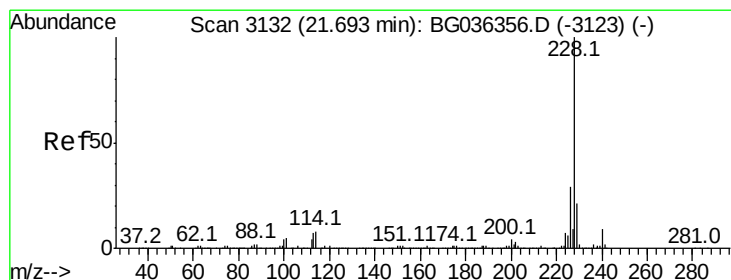
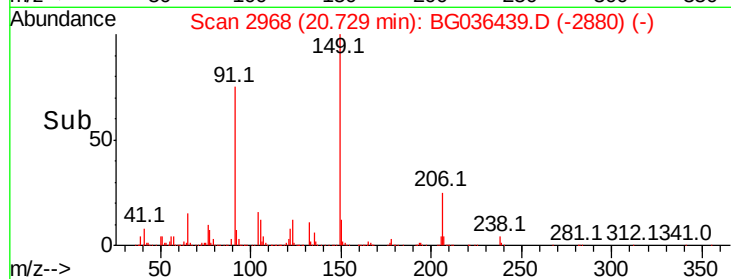
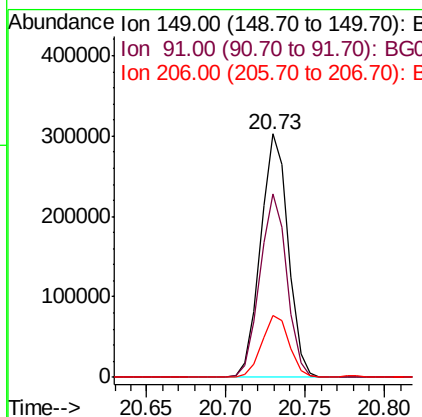
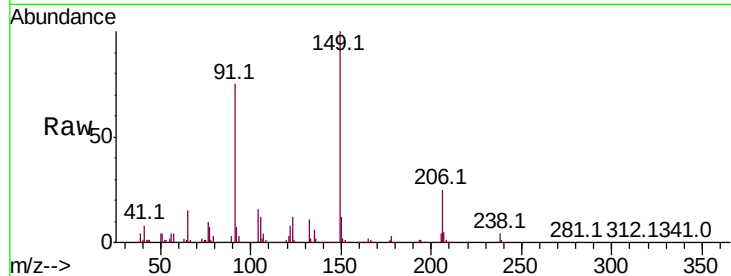




#79
Butylbenzylphthalate
Concen: 35.457 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

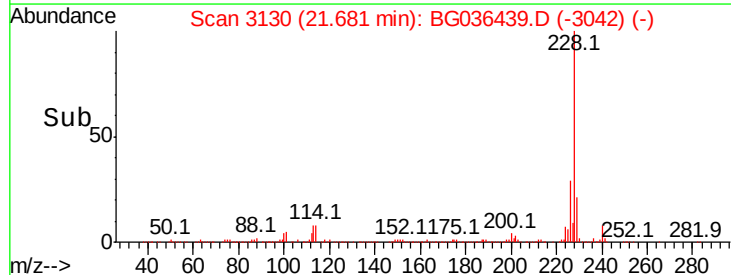
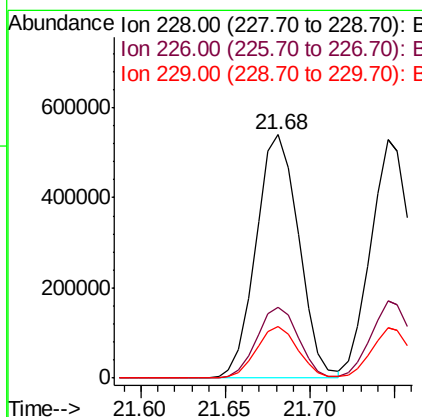
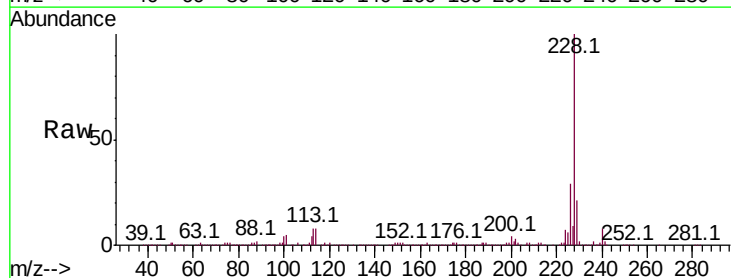
Instrument :
BNA_G
ClientSampleId :

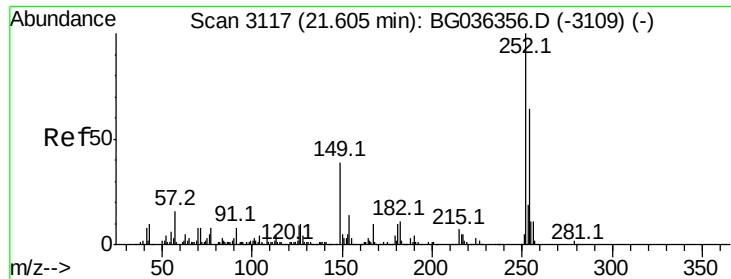
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.0	93.0
206	25.3	19.6	29.4



#80
Benzo(a)anthracene
Concen: 36.794 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036439.D
Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.0	17.1	25.7

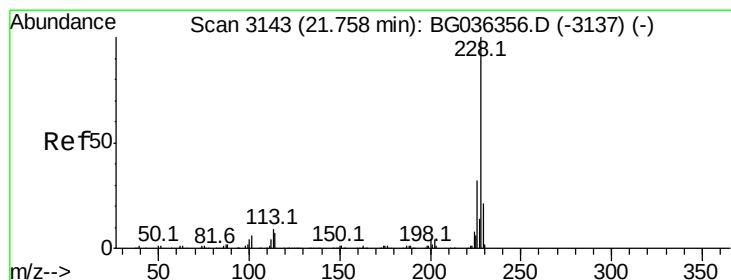
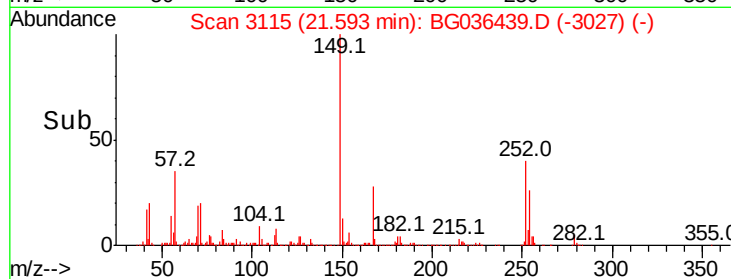
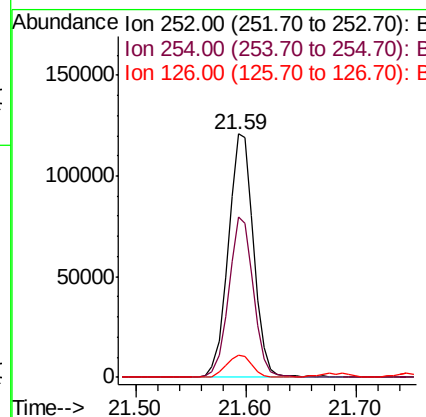
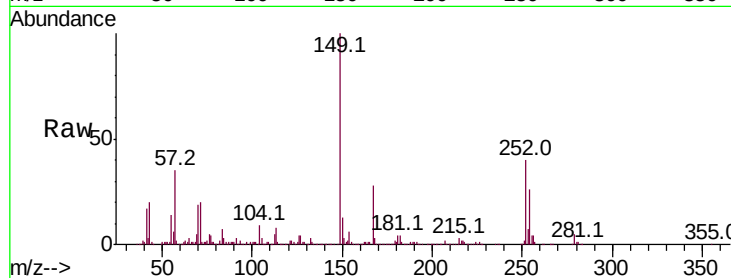




#81
 3,3'-Dichlorobenzidine
 Concen: 18.877 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

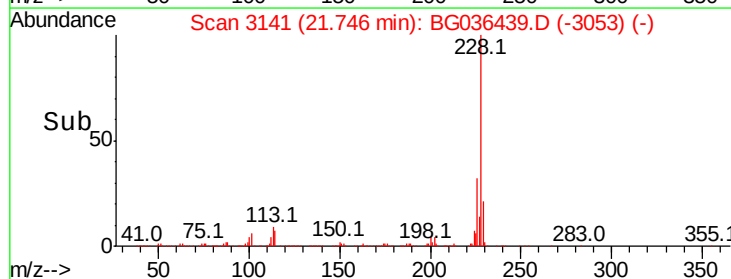
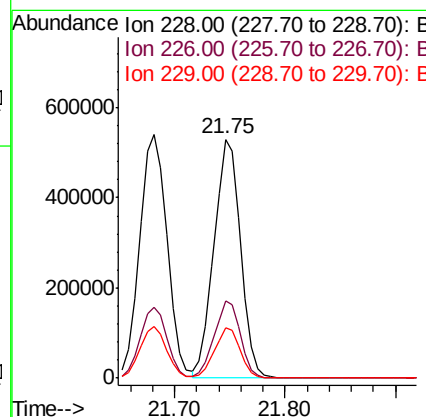
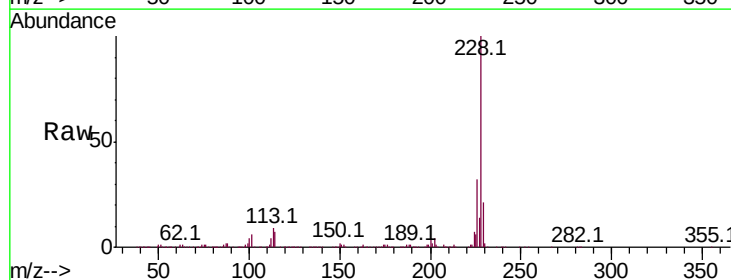
Instrument :
 BNA_G
 ClientSampleId :

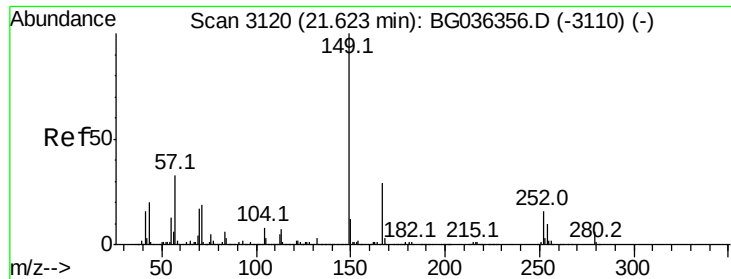
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.0	76.4
126	9.1	7.4	11.0



#82
 Chrysene
 Concen: 35.828 ng
 RT: 21.75 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	20.9	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.443 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.02 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

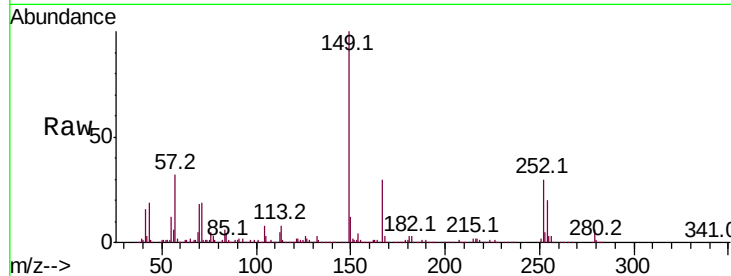
Tot Ion:149 Resp: 514890

Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.4	35.0
279	5.6	4.6	7.0

149 100

167 30.0 23.4 35.0

279 5.6 4.6 7.0

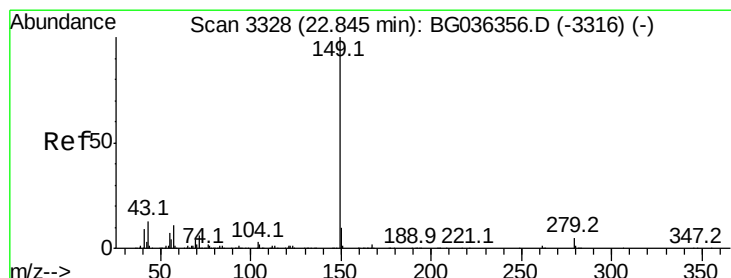
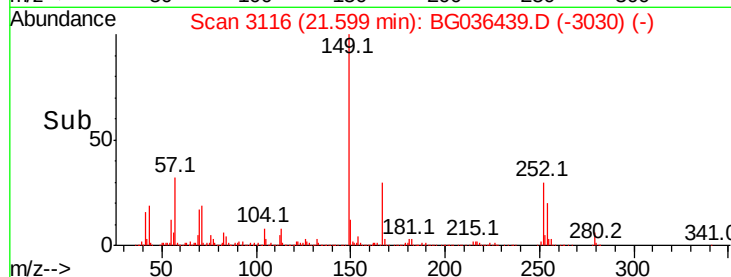
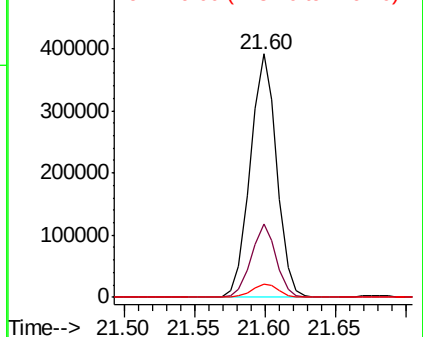


Abundance

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: 36.318 ng

RT: 22.82 min Scan# 3323

Delta R.T. -0.03 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

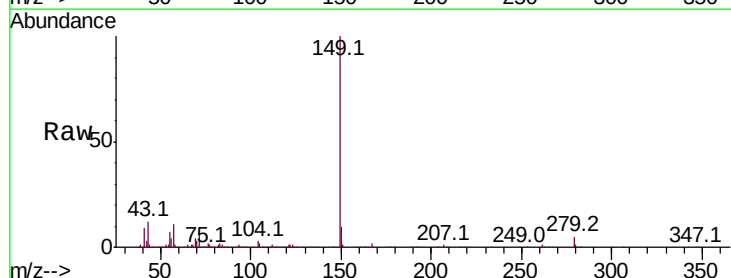
Tgt Ion:149 Resp: 881267

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	10.0	15.0

149 100

167 1.6 1.3 1.9

43 11.5 10.0 15.0

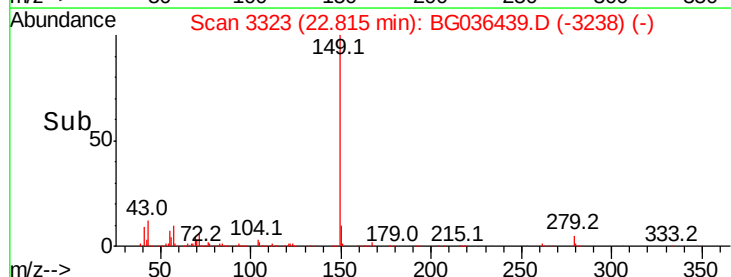
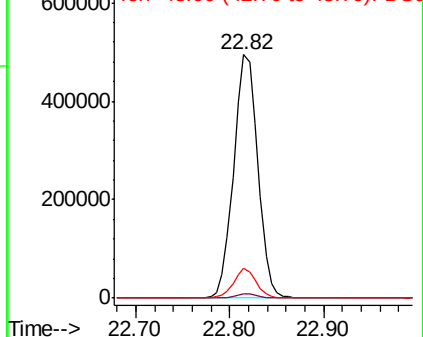


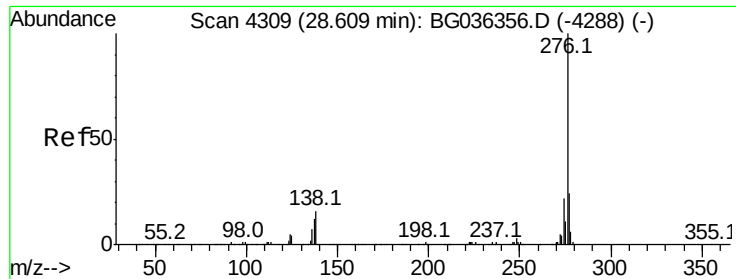
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



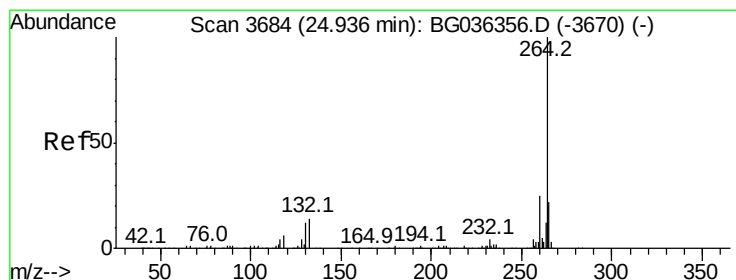
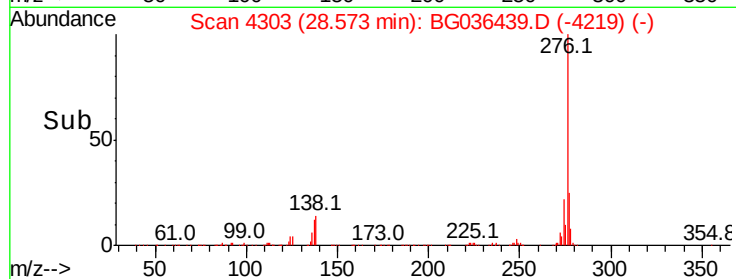
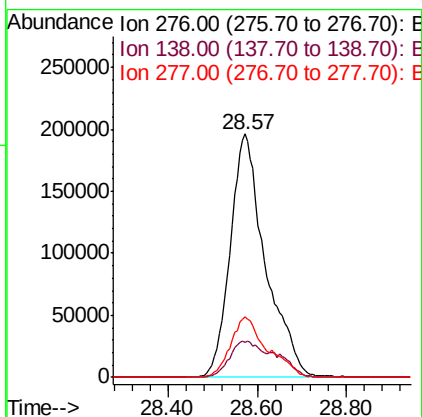
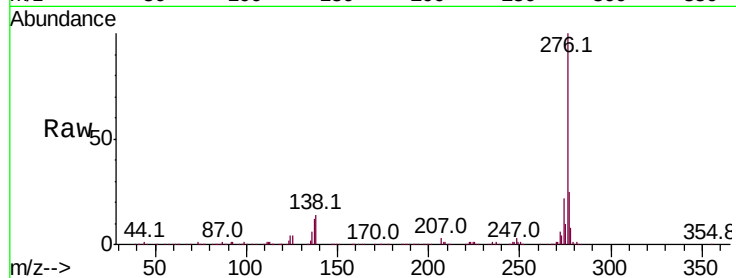


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.177 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. -0.04 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1080118

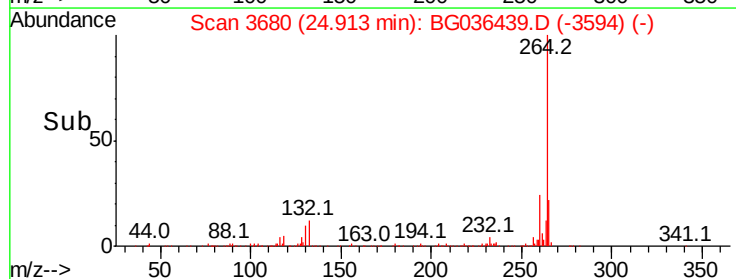
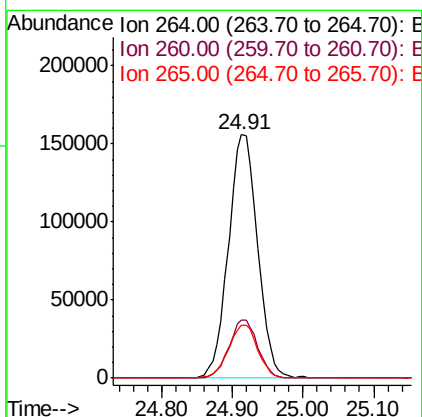
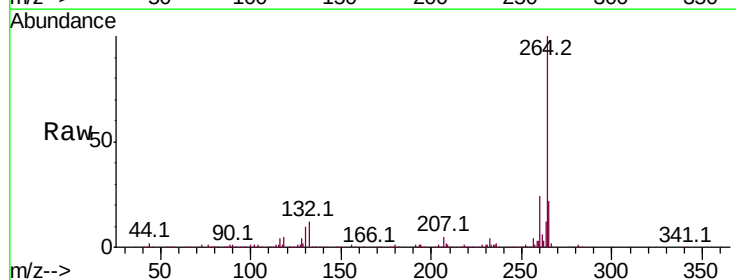
Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.6	15.8
277	25.9	20.6	30.8

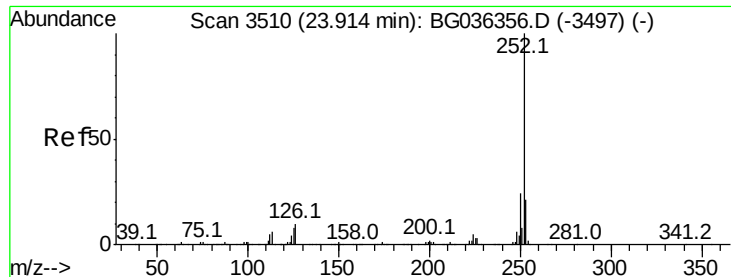


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036439.D
 Acq: 27 Aug 2018 19:58

Tgt Ion:264 Resp: 447980

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.078 ng

RT: 23.90 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

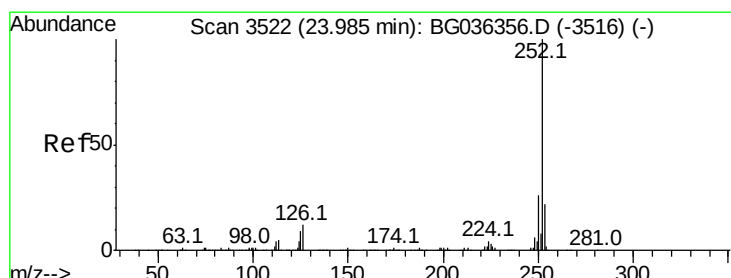
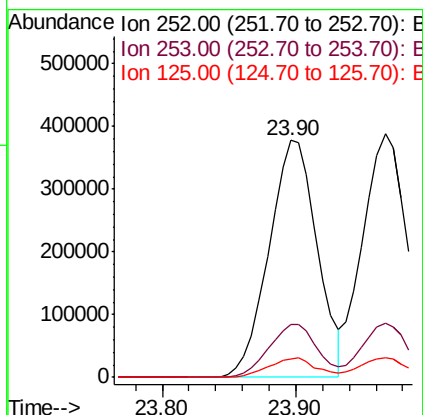
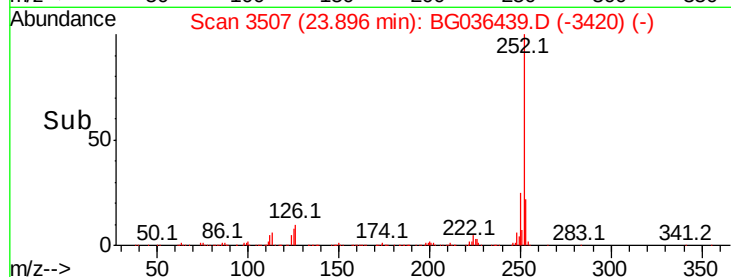
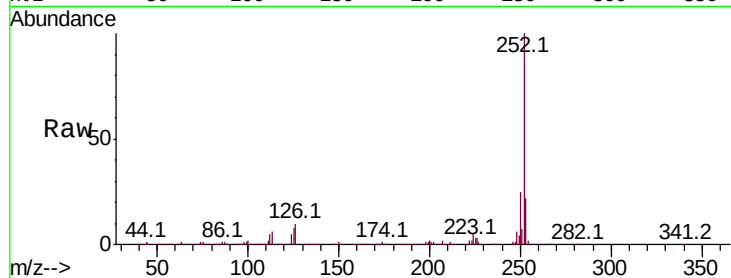
Tot Ion:252 Resp: 947240

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 7.9 6.6 10.0



#88

Benzo(k)fluoranthene

Concen: 37.037 ng

RT: 23.97 min Scan# 3519

Delta R.T. -0.02 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

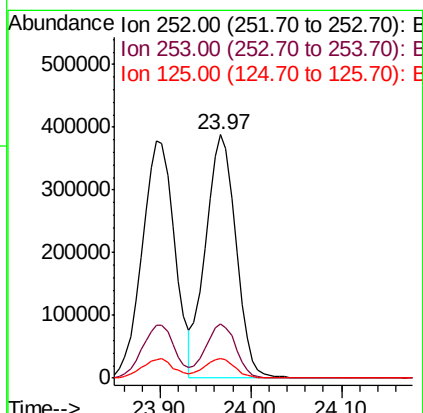
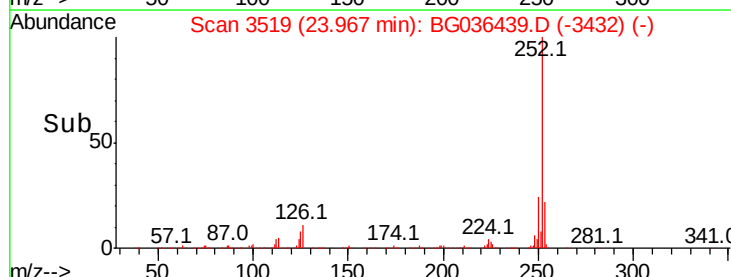
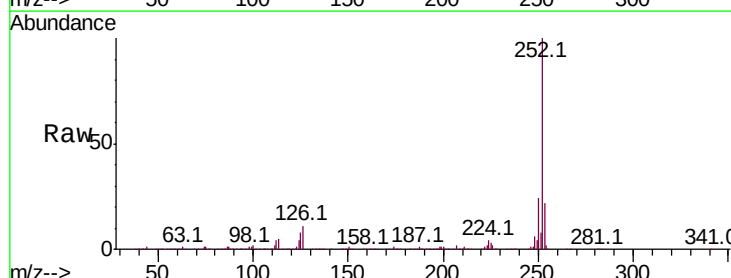
Tgt Ion:252 Resp: 900112

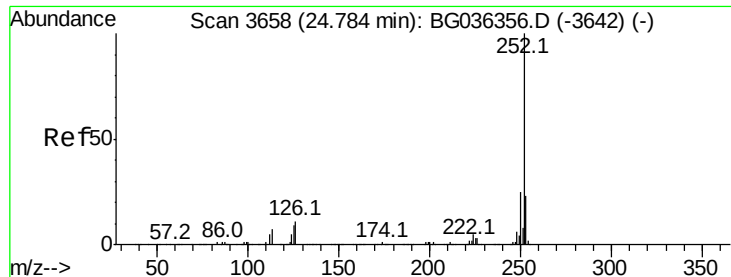
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 8.1 7.0 10.6





#89

Benzo(a)pyrene

Concen: 37.999 ng

RT: 24.77 min Scan# 3655

Delta R.T. -0.02 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampled :

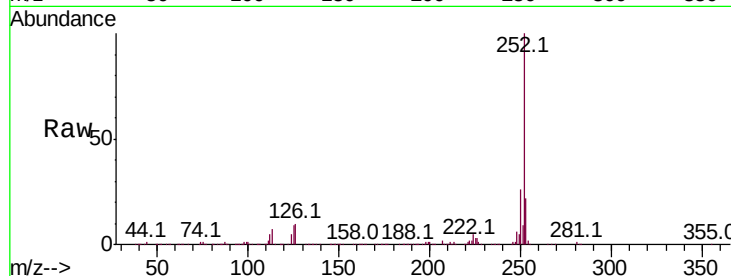
Tot Ion:252 Resp: 908346

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

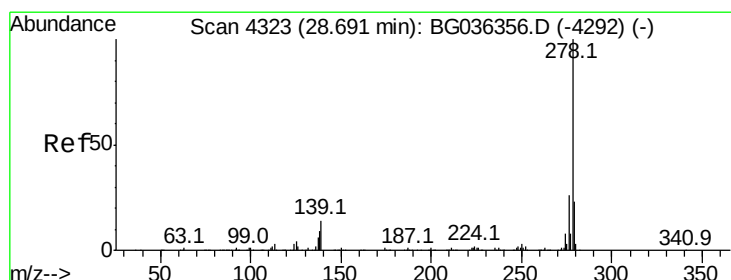
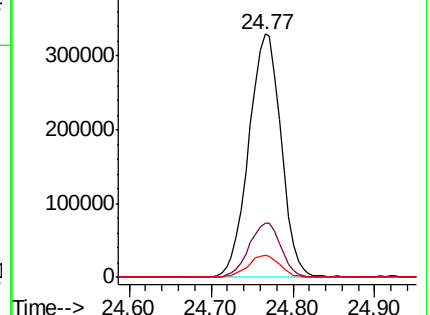
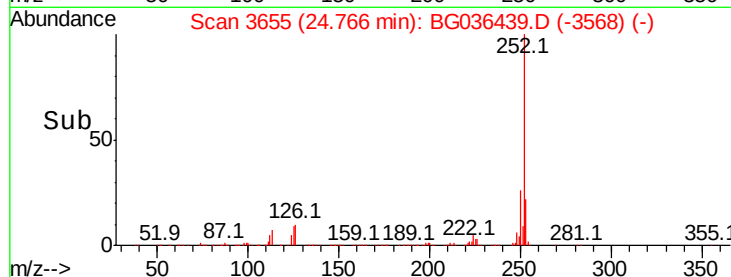
125 9.1 7.3 10.9



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: 37.925 ng

RT: 28.64 min Scan# 4315

Delta R.T. -0.05 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

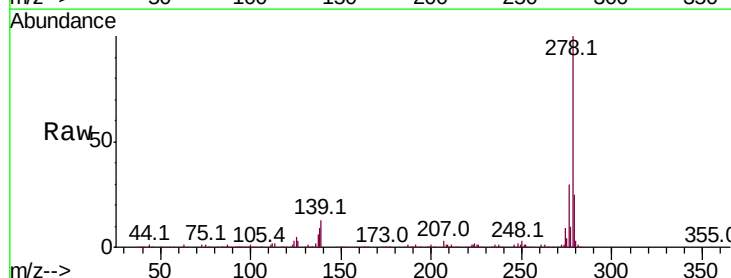
Tgt Ion:278 Resp: 875203

Ion Ratio Lower Upper

278 100

139 12.6 11.0 16.4

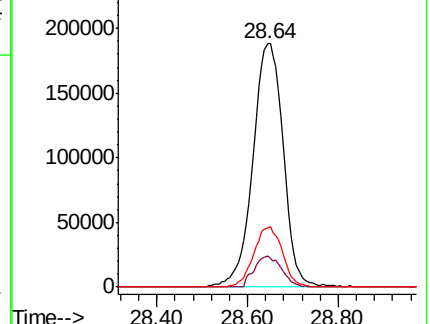
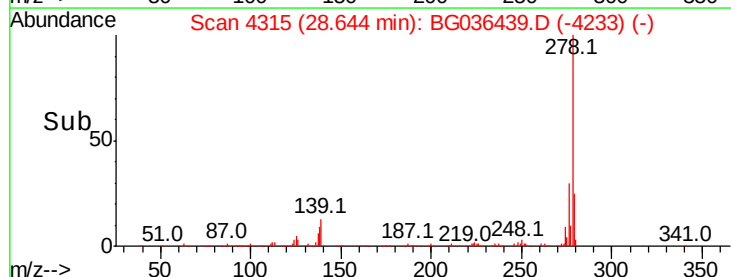
279 24.5 18.7 28.1

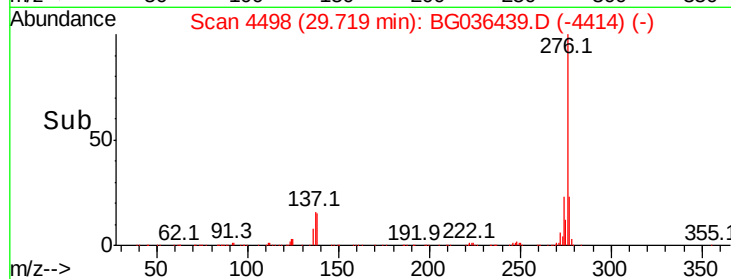
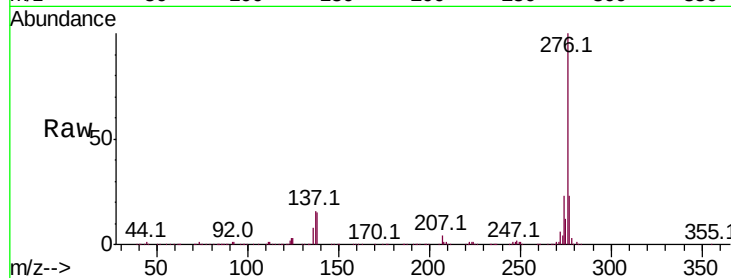
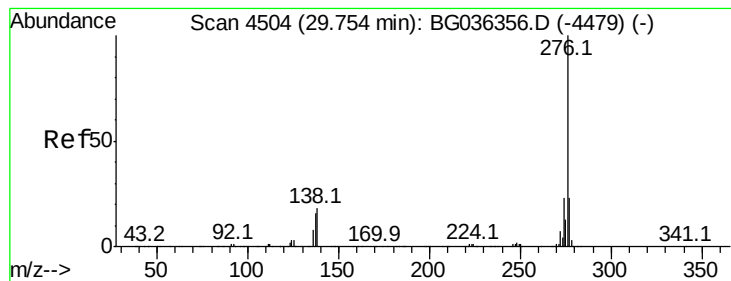


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.496 ng

RT: 29.72 min Scan# 4498

Delta R.T. -0.04 min

Lab File: BG036439.D

Acq: 27 Aug 2018 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 892745

Ion Ratio Lower Upper

276 100

277 22.8 18.4 27.6

138 15.5 14.6 22.0

