

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036475.D
 Acq On : 29 Aug 2018 2:09
 Operator : JU/SJ
 Sample : PB112436BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Quant Time: Aug 29 05:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58086	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	251633	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	169966	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	451954	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	471790	20.00	ng	-0.01
86) Perylene-d12	24.91	264	491575	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	399086	108.99	ng	0.00
7) Phenol-d6	7.22	99	545171	103.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	305678	65.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	231959	114.37	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	765858	64.34	ng	-0.02
78) Terphenyl-d14	20.04	244	1367491	67.75	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	58437	34.196	ng	96
3) Pyridine	3.93	79	167846	34.991	ng	98
4) n-Nitrosodimethylamine	3.84	42	82808	38.759	ng	92
6) Aniline	7.38	93	215711	32.415	ng	97
8) 2-Chlorophenol	7.63	128	168000	42.307	ng	97
9) Benzaldehyde	7.20	77	106837	29.593	ng	96
10) Phenol	7.25	94	237451	43.280	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	162276	37.308	ng	97
12) 1,3-Dichlorobenzene	7.95	146	171806	37.891	ng	98
13) 1,4-Dichlorobenzene	8.10	146	173565	37.914	ng	99
14) 1,2-Dichlorobenzene	8.42	146	164980	37.736	ng	95
15) Benzyl Alcohol	8.30	79	168315	39.825	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	304049	34.663	ng	99
17) 2-Methylphenol	8.50	107	157595	43.260	ng	98
18) Hexachloroethane	9.15	117	62920	38.335	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	135338	34.541	ng	98
20) 3+4-Methylphenols	8.83	107	219871	43.230	ng	98
22) Acetophenone	8.88	105	256293	38.787	ng	97
24) Nitrobenzene	9.27	77	202119	40.415	ng	95
25) Isophorone	9.79	82	384484	41.732	ng	98
26) 2-Nitrophenol	9.98	139	87668	44.237	ng	96
27) 2,4-Dimethylphenol	10.03	122	176836	48.197	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	226583	40.072	ng	96
29) 2,4-Dichlorophenol	10.51	162	186619	46.410	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	185262	39.384	ng	100
31) Naphthalene	10.92	128	527423	41.929	ng	99
32) Benzoic acid	10.16	122	124708	46.047	ng	96
33) 4-Chloroaniline	11.02	127	125463	21.766	ng	99
34) Hexachlorobutadiene	11.21	225	123325	39.020	ng	97
35) Caprolactam	11.79	113	48033	29.986	ng	89
36) 4-Chloro-3-methylphenol	12.14	107	208975	44.726	ng	100
37) 2-Methylnaphthalene	12.52	142	408878	44.424	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	232672	38.683	ng	97
40) Hexachlorocyclopentadiene	12.87	237	285842	91.336	ng	98

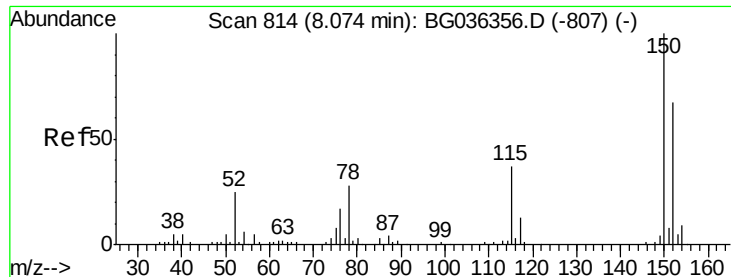
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159798	43.613	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	175511	44.910	ng	98
45) 1,1'-Biphenyl	13.52	154	538147	38.143	ng	97
46) 2-Chloronaphthalene	13.56	162	414611	38.495	ng	98
47) 2-Nitroaniline	13.76	65	146370	43.277	ng	95
48) Acenaphthylene	14.41	152	703812	41.812	ng	100
49) Dimethylphthalate	14.14	163	559518	40.315	ng	99
50) 2,6-Dinitrotoluene	14.26	165	125267	43.863	ng	92
51) Acenaphthene	14.75	154	423409	39.276	ng	98
52) 3-Nitroaniline	14.59	138	102371	33.264	ng	98
53) 2,4-Dinitrophenol	14.79	184	122087	112.862	ng	93
54) Dibenzofuran	15.08	168	673660	39.887	ng	98
55) 4-Nitrophenol	14.89	139	216010	85.844	ng	98
56) 2,4-Dinitrotoluene	15.04	165	173277	46.554	ng	91
57) Fluorene	15.74	166	543257	43.027	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	178840	48.707	ng	96
59) Diethylphthalate	15.50	149	561865	40.171	ng	98
60) 4-Chlorophenyl-phenylether	15.73	204	308397	39.556	ng	99
61) 4-Nitroaniline	15.75	138	142392	44.215	ng	96
62) Azobenzene	16.02	77	548395	38.535	ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	90735	45.702	ng	94
65) n-Nitrosodiphenylamine	15.94	169	505981	37.678	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	205912	38.914	ng	99
67) Hexachlorobenzene	16.74	284	209057	38.638	ng	96
68) Atrazine	16.89	200	214892	42.632	ng	97
69) Pentachlorophenol	17.08	266	271159	73.738	ng	97
70) Phenanthrene	17.48	178	940211	40.941	ng	99
71) Anthracene	17.56	178	958414	41.866	ng	98
72) Carbazole	17.83	167	868704	37.998	ng	100
73) Di-n-butylphthalate	18.39	149	989359	38.862	ng	99
74) Fluoranthene	19.48	202	1175010	41.966	ng	100
76) Benzidine	19.66	184	620347	41.213	ng	99
77) Pyrene	19.84	202	1154681	39.800	ng	98
79) Butylbenzylphthalate	20.73	149	462540	40.060	ng	97
80) Benzo(a)anthracene	21.68	228	1176164	41.151	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	289946	25.454	ng	96
82) Chrysene	21.75	228	1093672	40.369	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	634313	39.259	ng	98
84) Di-n-octyl phthalate	22.81	149	1085776	40.233	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1371814	43.596	ng	99
87) Benzo(b)fluoranthene	23.90	252	1203096	44.074	ng	98
88) Benzo(k)fluoranthene	23.96	252	1140605	42.770	ng	99
89) Benzo(a)pyrene	24.76	252	1155292	44.043	ng	100
90) Dibenzo(a,h)anthracene	28.65	278	1090828	43.077	ng	98
91) Benzo(g,h,i)perylene	29.71	276	1119783	44.003	ng	96

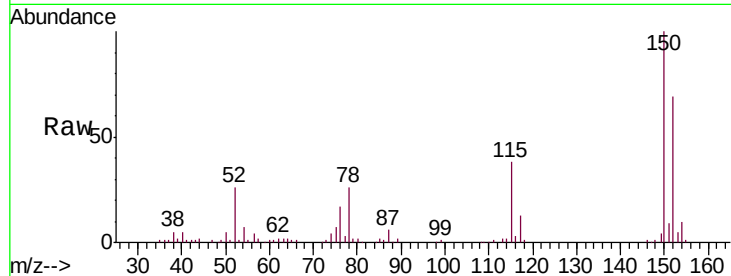
(#) = qualifier out of range (m) = manual integration (+) = signals summed



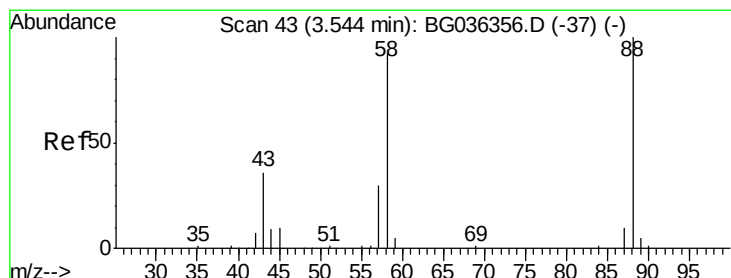
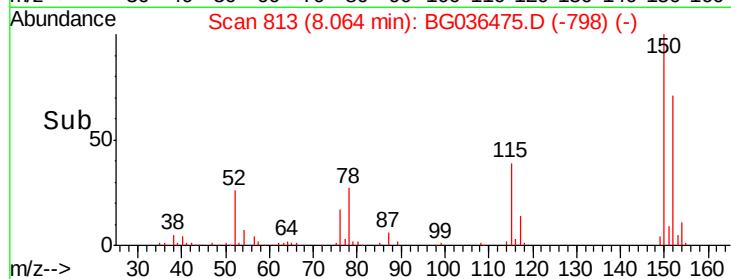
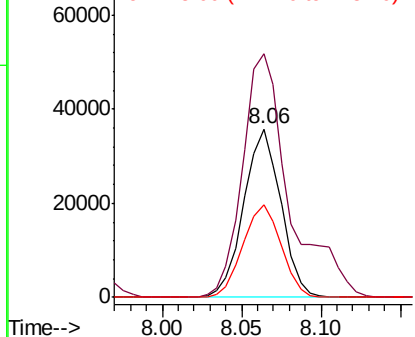
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion:152 Resp: 58086
 Ion Ratio Lower Upper
 152 100
 150 144.6 119.5 179.3
 115 55.0 44.5 66.7

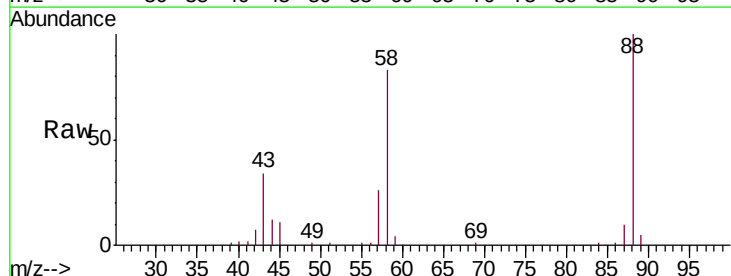


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

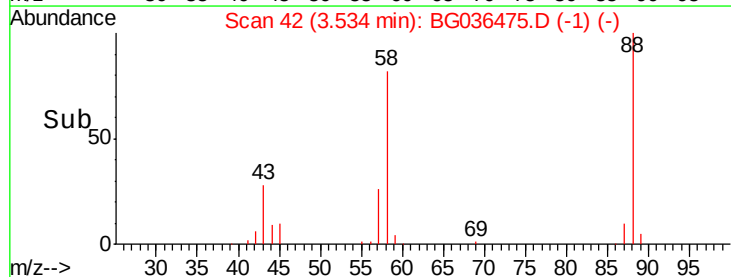
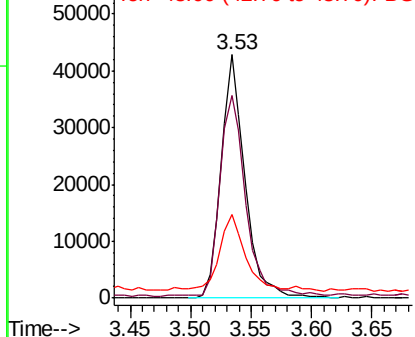


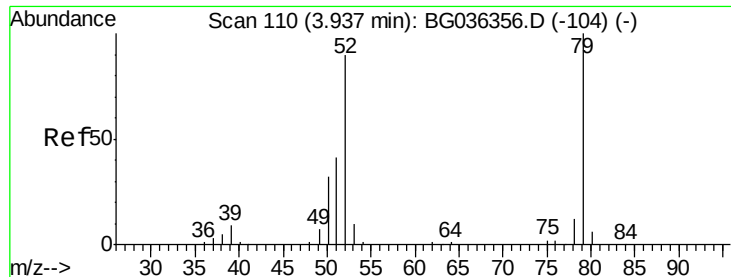
#2
 1,4-Dioxane
 Concen: 34.196 ng
 RT: 3.53 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion: 88 Resp: 58437
 Ion Ratio Lower Upper
 88 100
 58 87.5 72.6 109.0
 43 32.9 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

Pyridine

Concen: 34.991 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

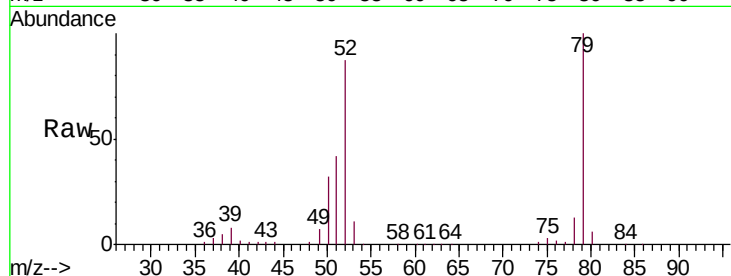
Tgt Ion: 79 Resp: 167846

Ion Ratio Lower Upper

79 100

52 87.2 72.3 108.5

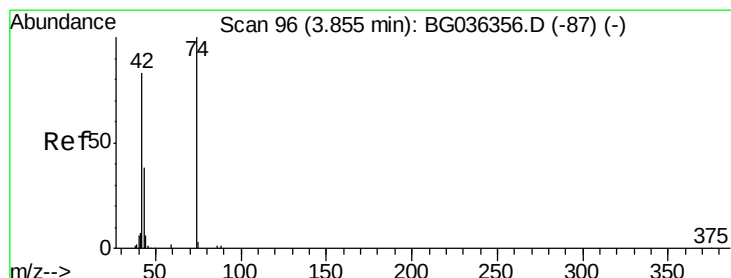
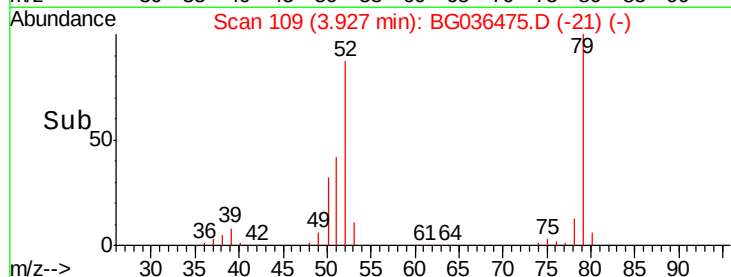
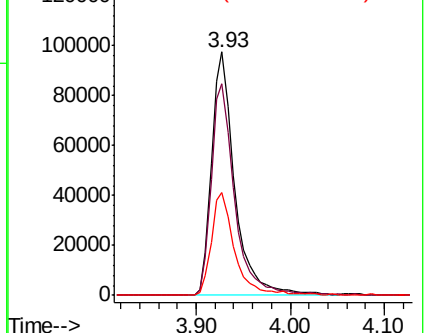
51 42.0 33.8 50.6



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: 38.759 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.02 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

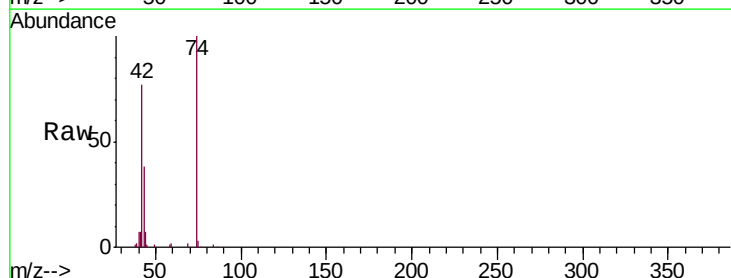
Tgt Ion: 42 Resp: 82808

Ion Ratio Lower Upper

42 100

74 129.6 96.6 145.0

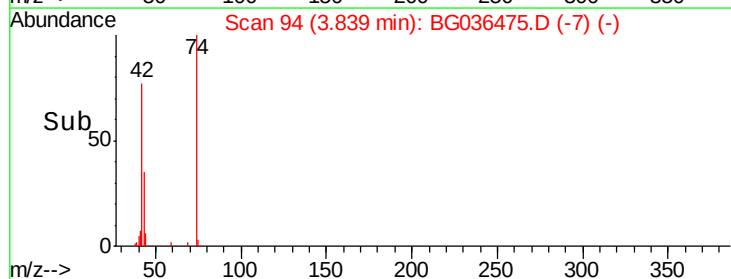
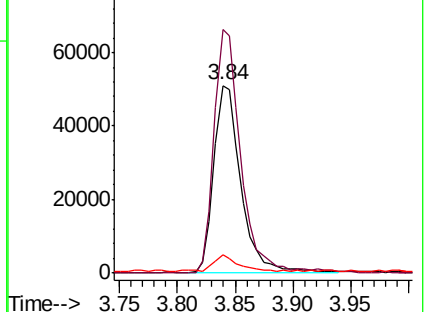
44 9.7 7.0 10.4

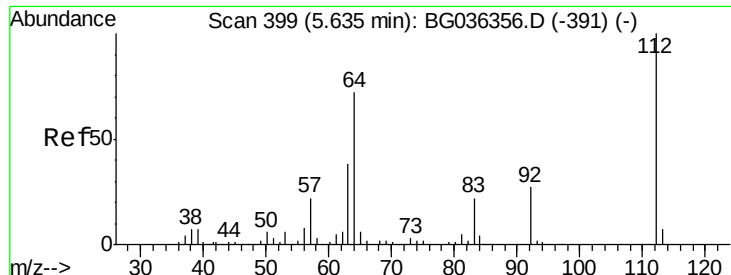


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.988 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

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ClientSampleId :

PB112436BS

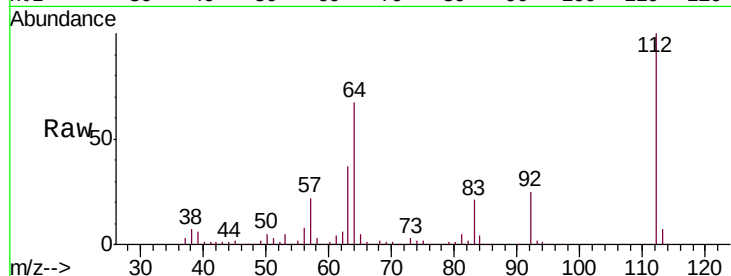
Tgt Ion: 112 Resp: 399086

Ion Ratio Lower Upper

112 100

64 67.1 57.2 85.8

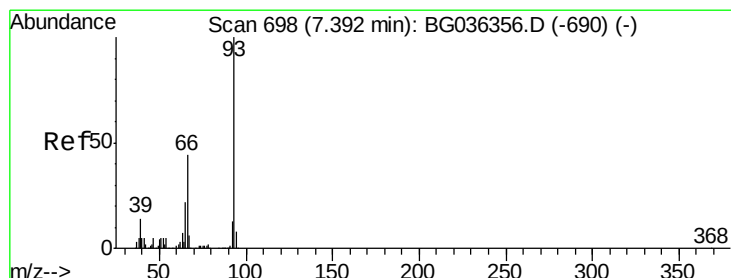
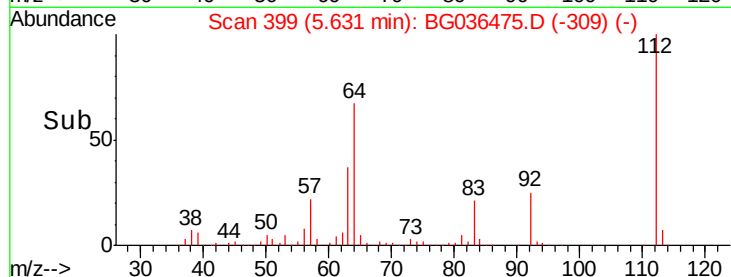
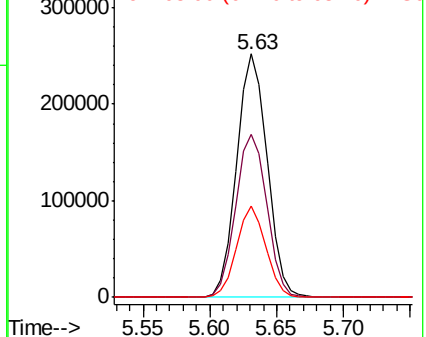
63 37.3 30.8 46.2



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: 32.415 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

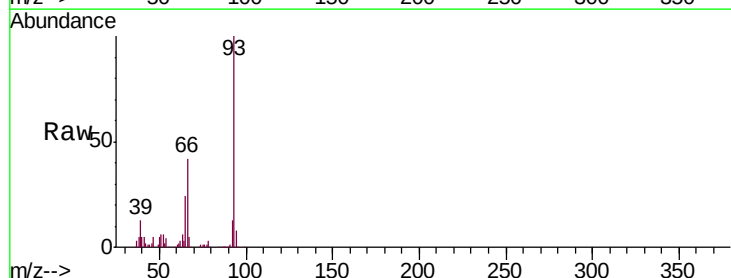
Tgt Ion: 93 Resp: 215711

Ion Ratio Lower Upper

93 100

66 42.4 35.0 52.4

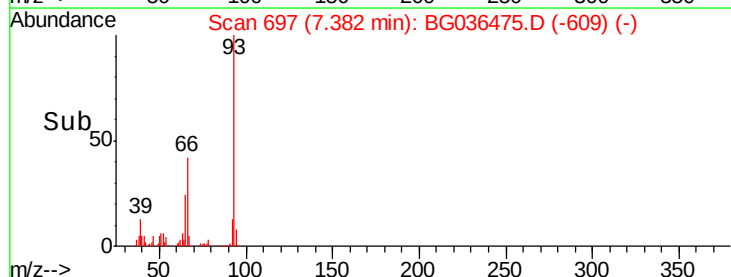
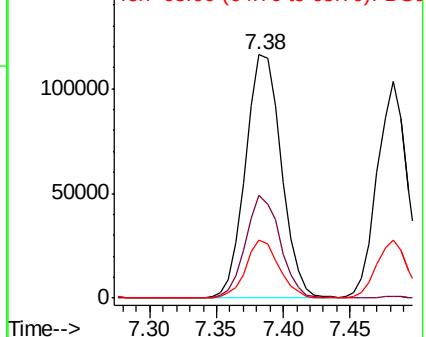
65 24.0 17.6 26.4

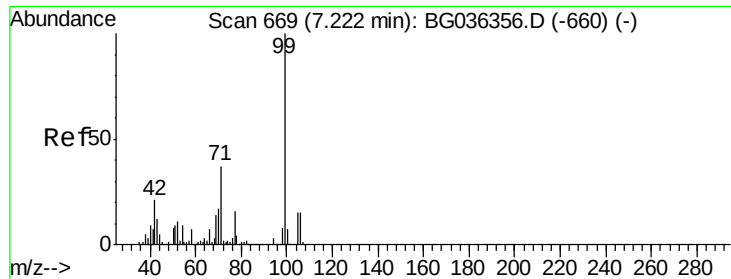


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.987 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036475.D

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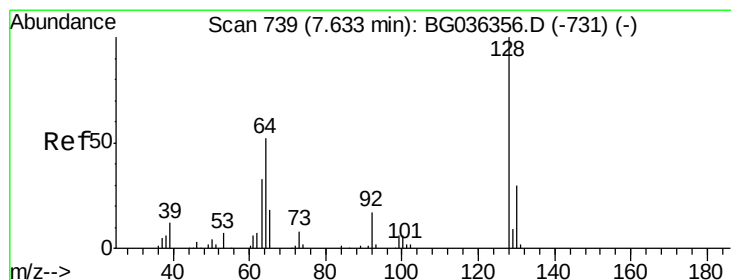
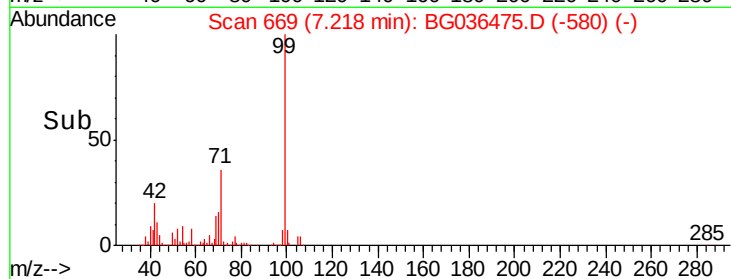
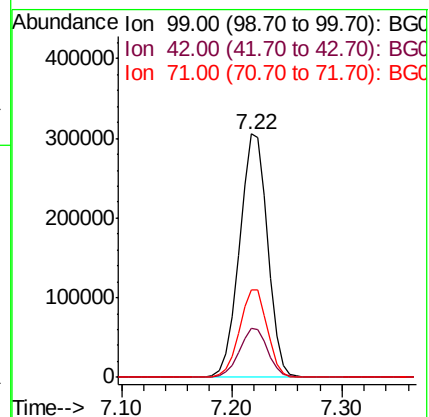
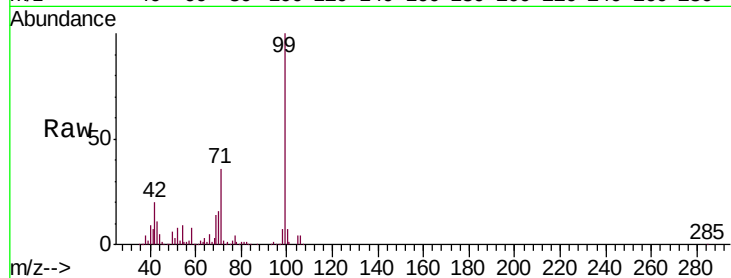
Tgt Ion: 99 Resp: 545171

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 35.9 29.4 44.2



#8

2-Chlorophenol

Concen: 42.307 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

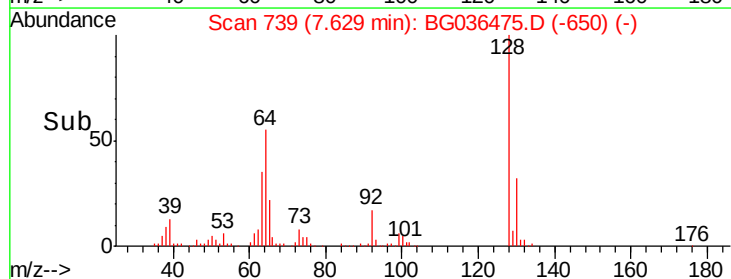
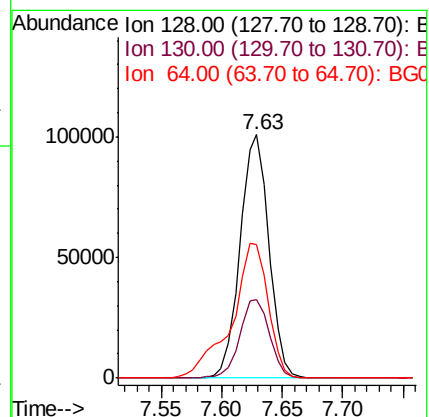
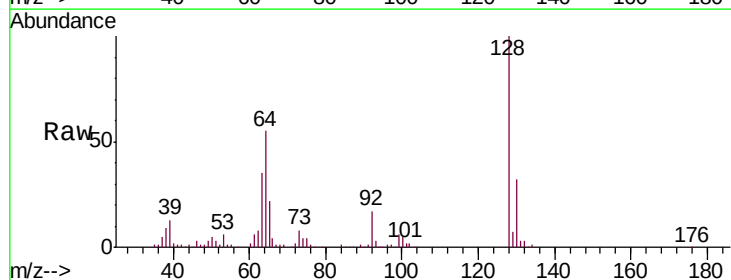
Tgt Ion: 128 Resp: 168000

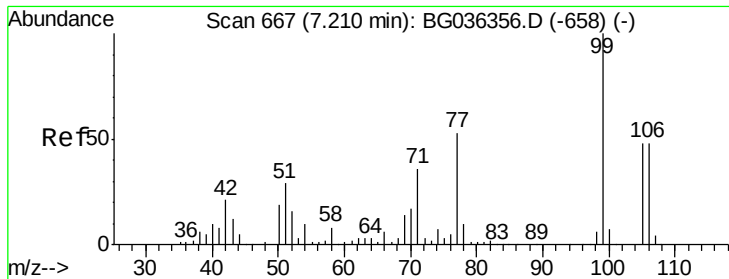
Ion Ratio Lower Upper

128 100

130 32.0 10.0 50.0

64 54.6 36.0 76.0





#9

Benzaldehyde

Concen: 29.593 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

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PB112436BS

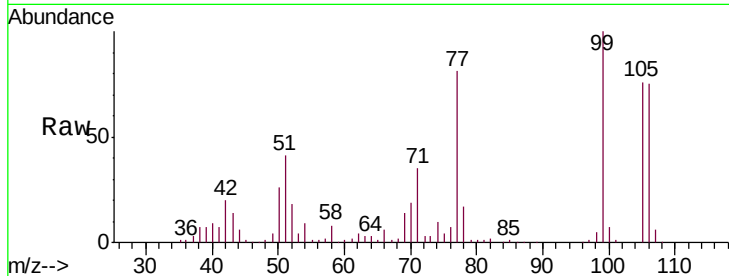
Tgt Ion: 77 Resp: 106837

Ion Ratio Lower Upper

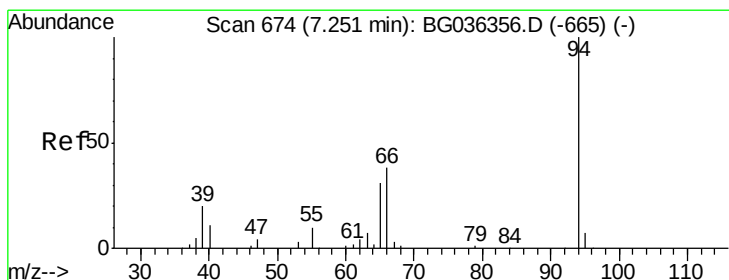
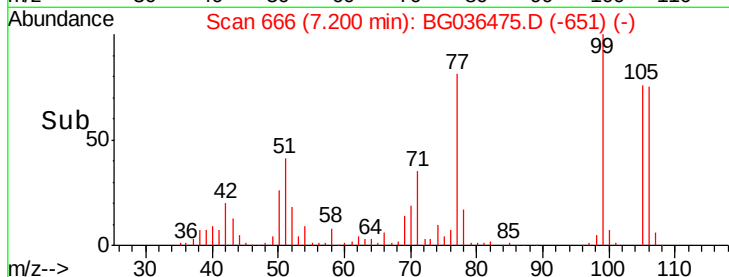
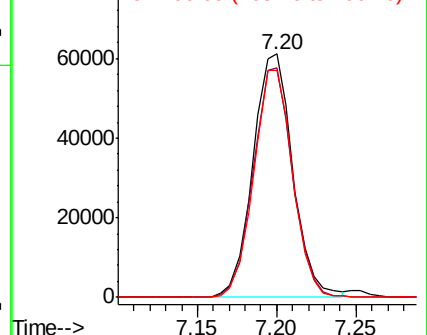
77 100

105 94.3 70.5 110.5

106 93.1 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: 43.280 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

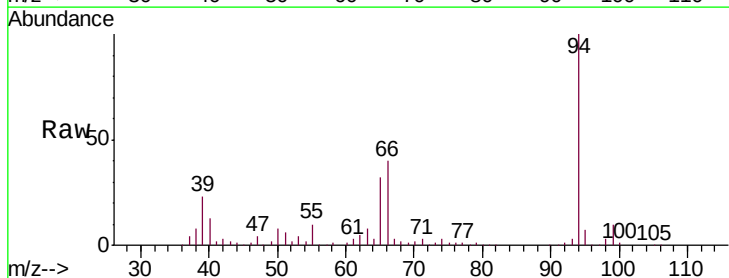
Tgt Ion: 94 Resp: 237451

Ion Ratio Lower Upper

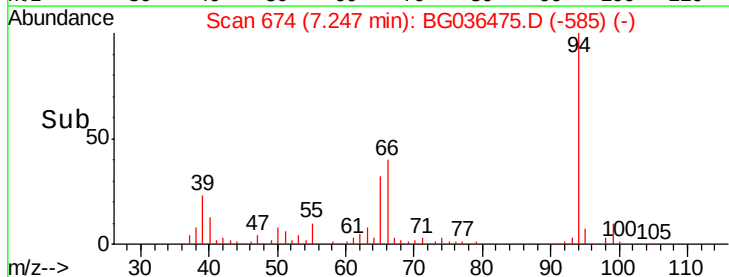
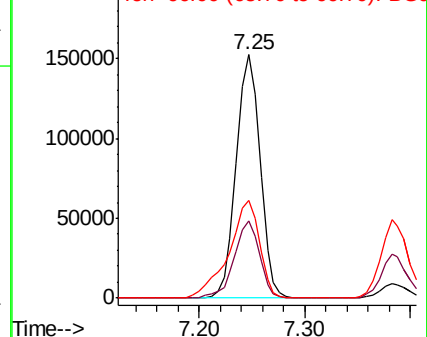
94 100

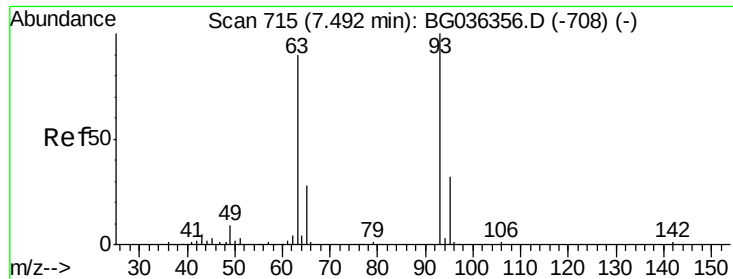
65 31.6 11.5 51.5

66 40.0 19.5 59.5



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

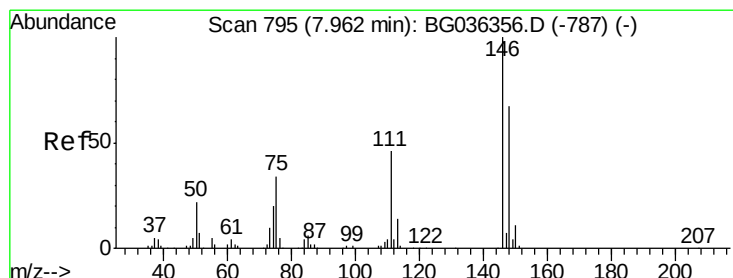
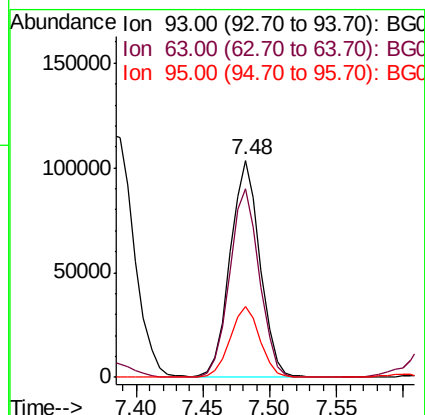
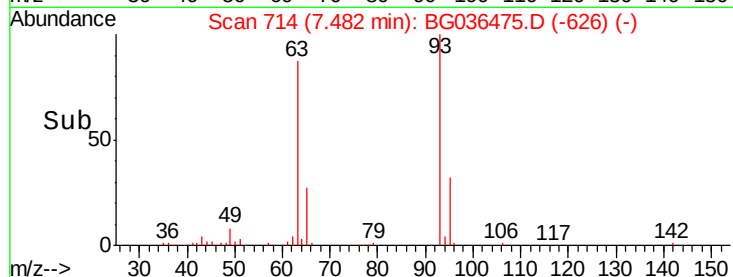
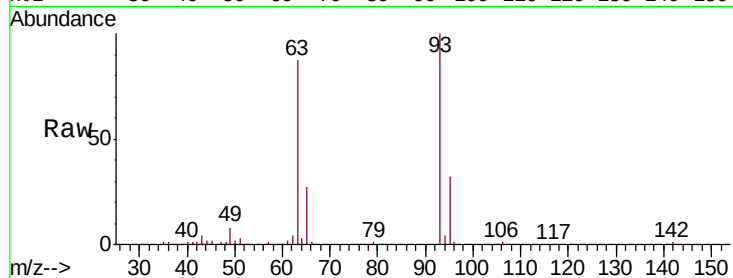




#11
 bis(2-Chloroethyl)ether
 Concen: 37.308 ng
 RT: 7.48 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

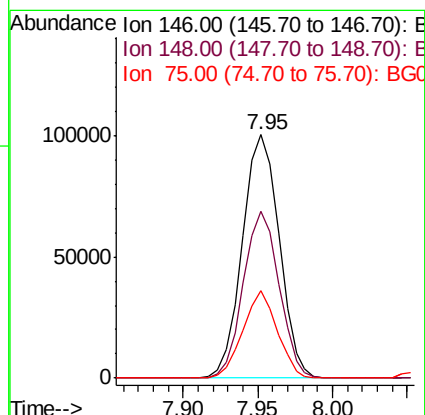
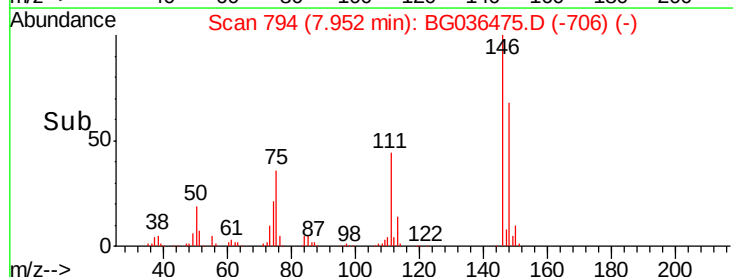
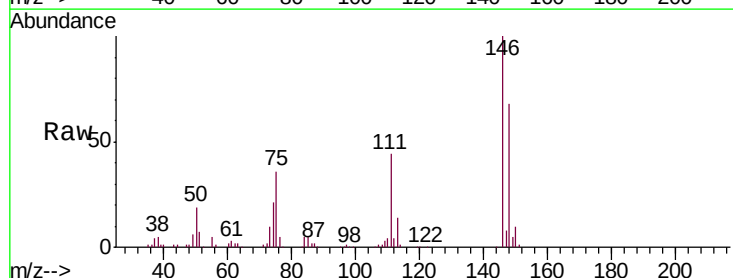
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

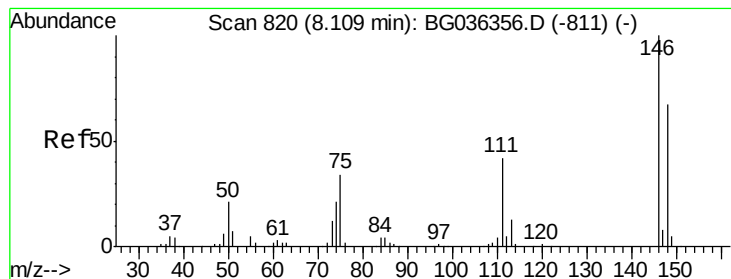
Tgt Ion: 93 Resp: 162276
 Ion Ratio Lower Upper
 93 100
 63 87.0 69.9 109.9
 95 32.4 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 37.891 ng
 RT: 7.95 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion: 146 Resp: 171806
 Ion Ratio Lower Upper
 146 100
 148 68.3 53.8 80.6
 75 35.7 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 37.914 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

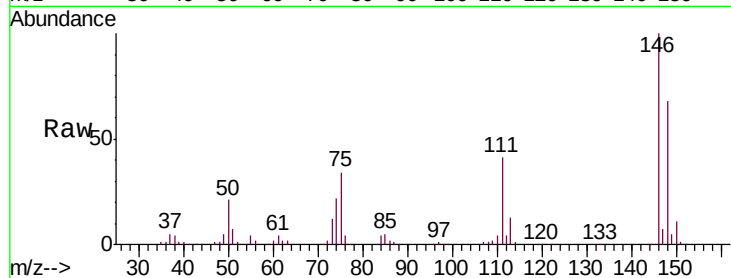
Tgt Ion:146 Resp: 173565

Ion Ratio Lower Upper

146 100

148 68.1 53.9 80.9

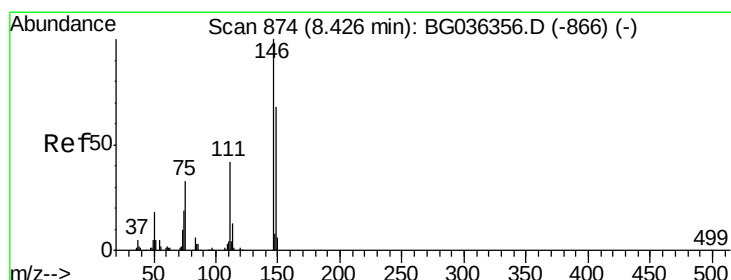
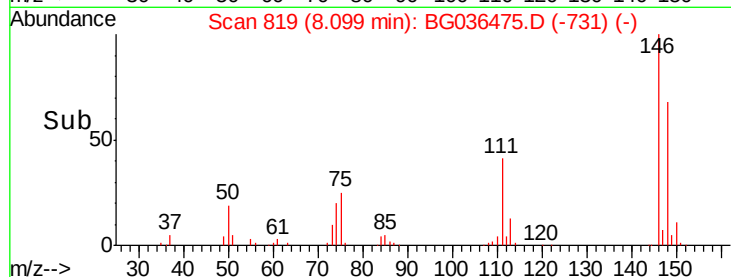
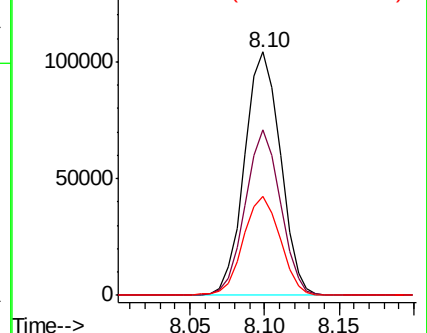
111 40.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.736 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

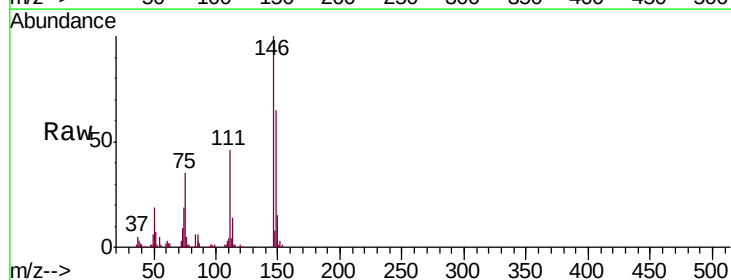
Tgt Ion:146 Resp: 164980

Ion Ratio Lower Upper

146 100

148 64.7 55.0 82.6

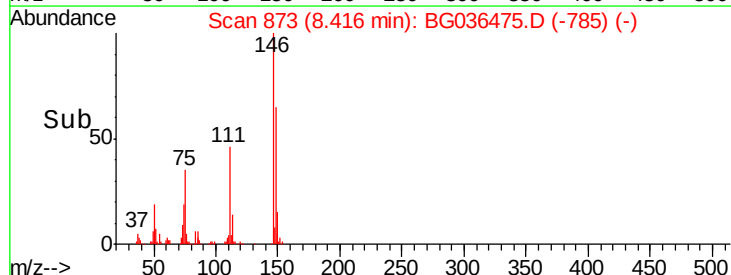
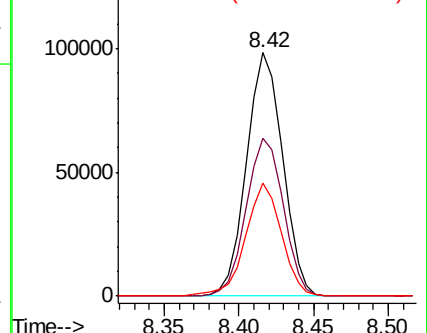
111 46.4 34.6 51.8

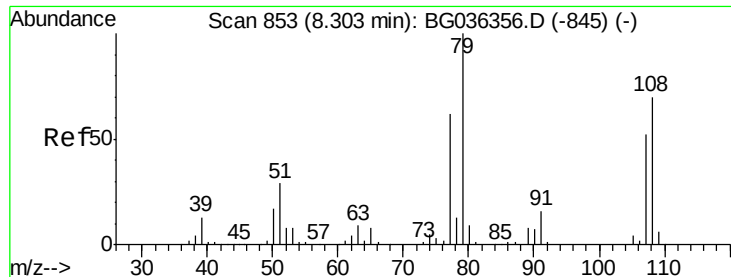


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.825 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

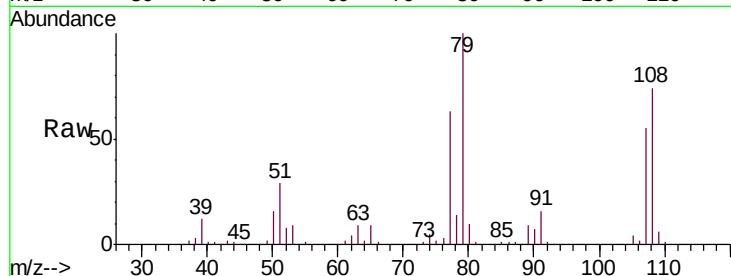
Tgt Ion: 79 Resp: 168315

Ion Ratio Lower Upper

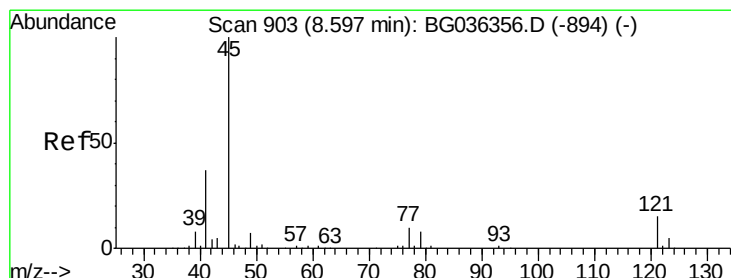
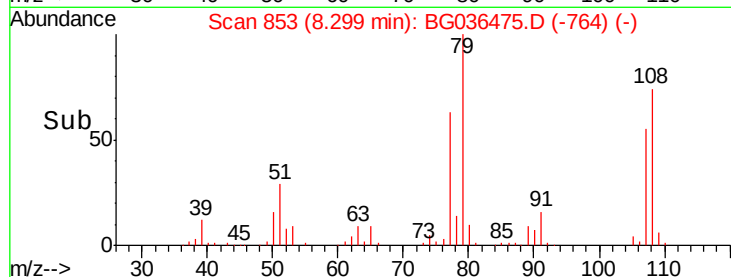
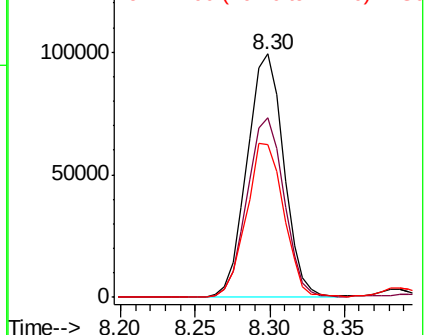
79 100

108 73.8 55.9 83.9

77 62.7 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.663 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

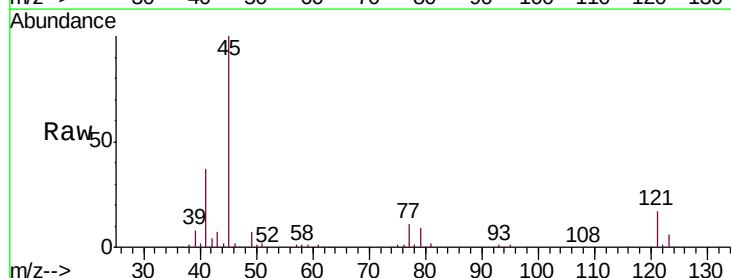
Tgt Ion: 45 Resp: 304049

Ion Ratio Lower Upper

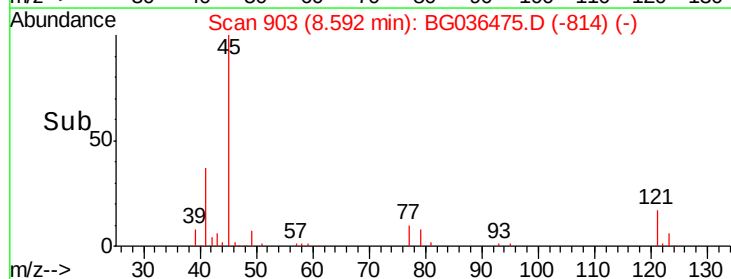
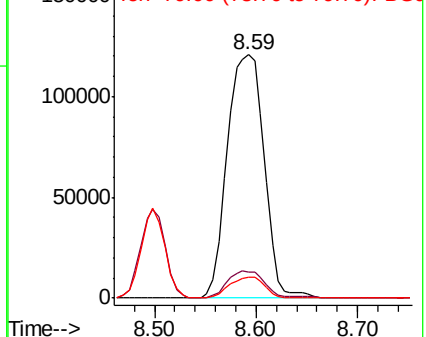
45 100

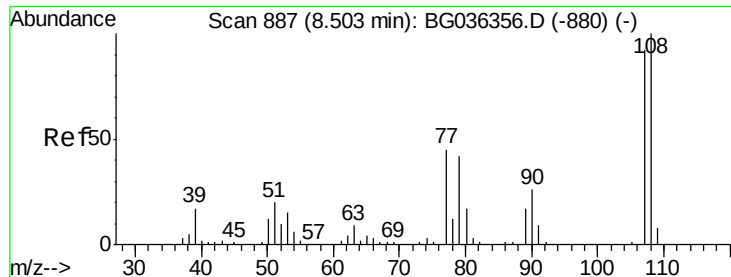
77 10.6 0.0 30.5

79 8.8 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

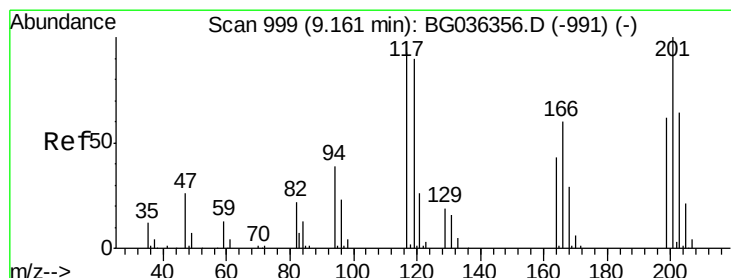
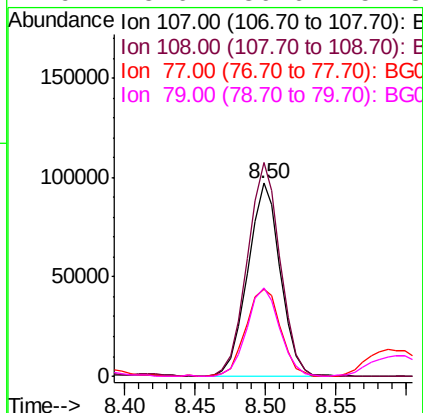
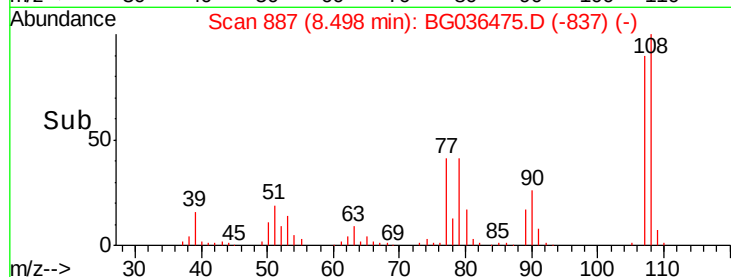
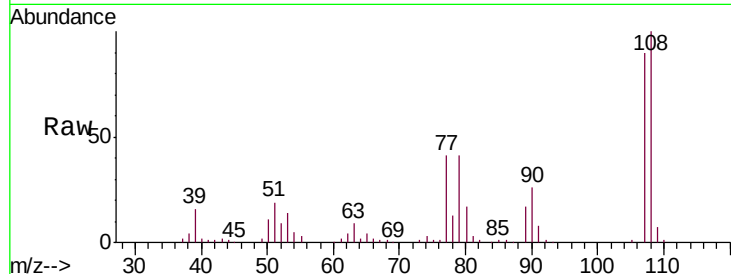




#17
2-Methylphenol
Concen: 43.260 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

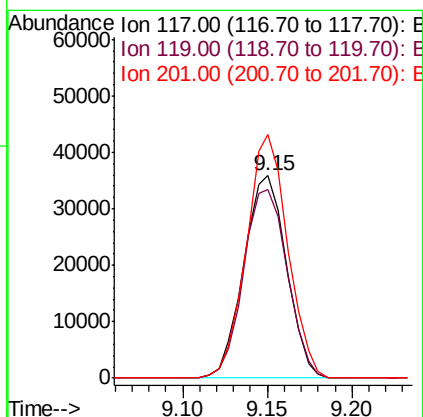
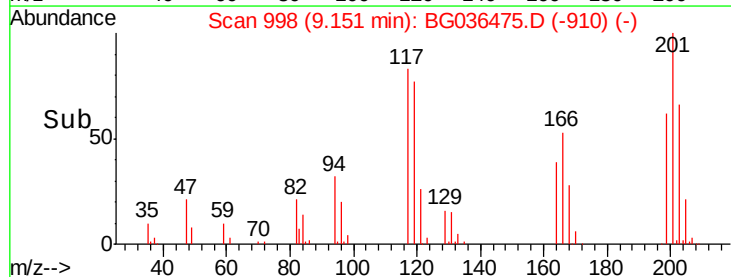
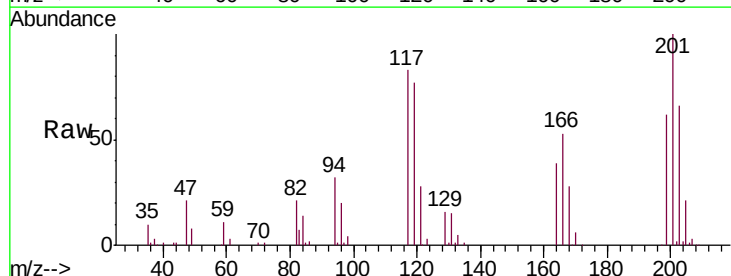
Instrument :
BNA_G
ClientSampleId :
PB112436BS

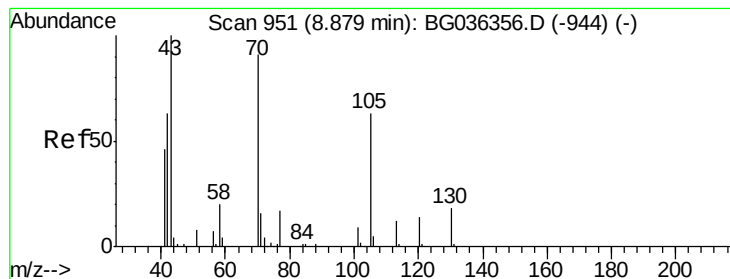
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.6	86.7	130.1
77	45.1	39.0	58.4
79	45.6	36.6	54.8



#18
Hexachloroethane
Concen: 38.335 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.8	115.2
201	120.2	85.7	128.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.541 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

Tgt Ion: 70 Resp: 135338

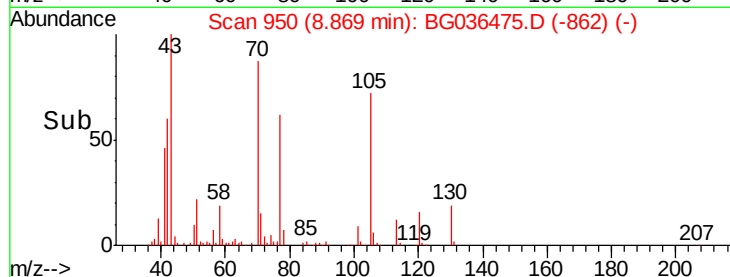
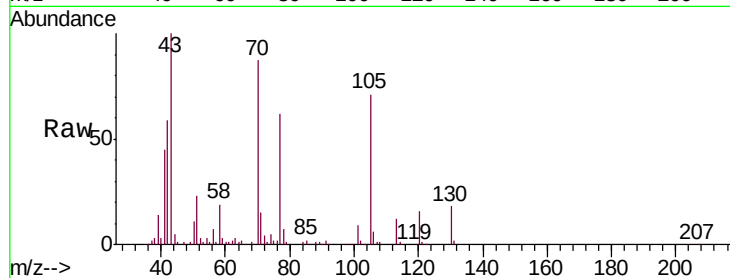
Ion Ratio Lower Upper

70 100

42 68.4 56.2 84.4

101 10.7 7.8 11.6

130 21.3 16.2 24.2



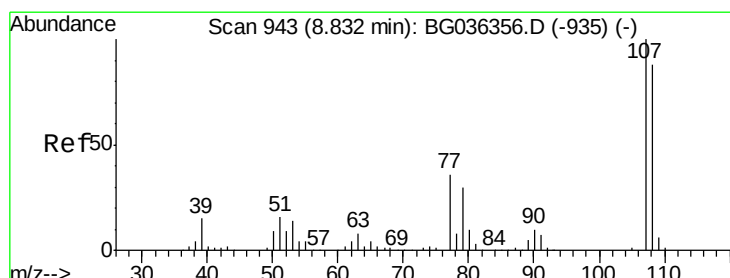
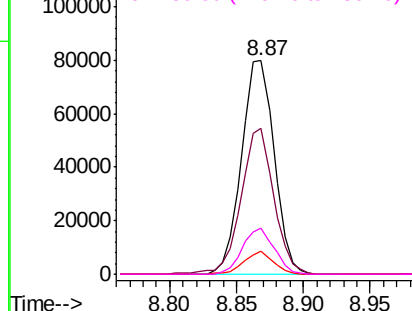
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.230 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Tgt Ion: 107 Resp: 219871

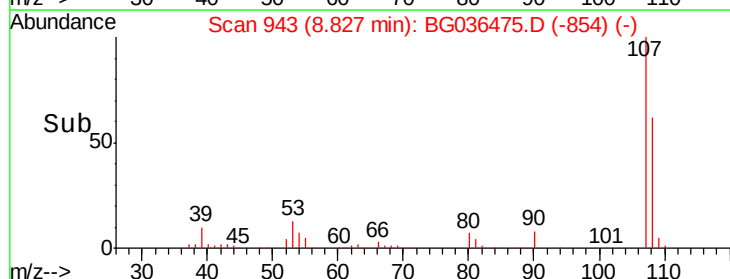
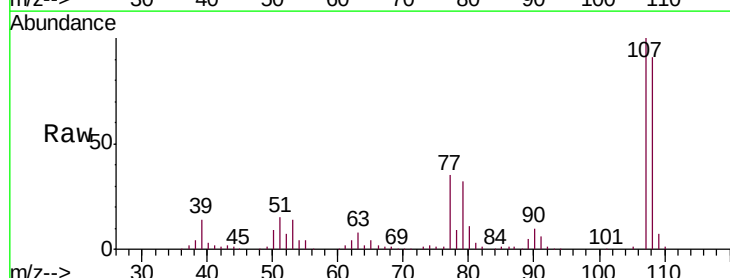
Ion Ratio Lower Upper

107 100

108 90.5 68.0 108.0

77 35.3 15.6 55.6

79 31.8 9.9 49.9



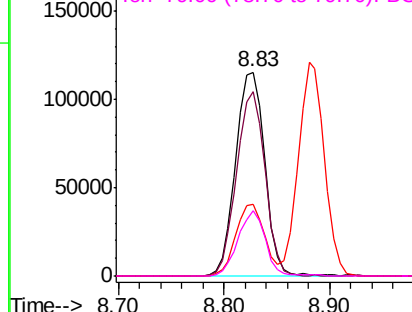
Abundance

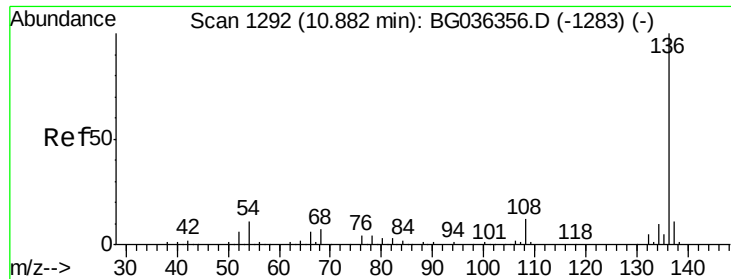
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

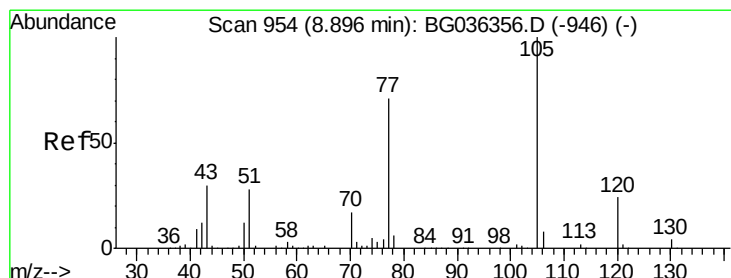
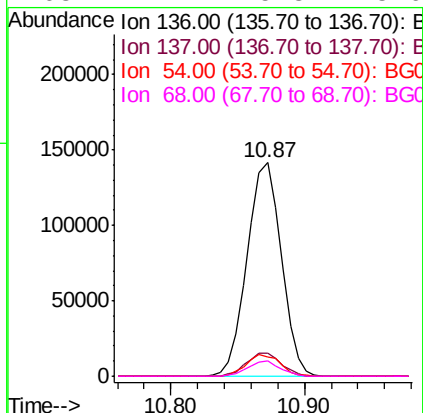
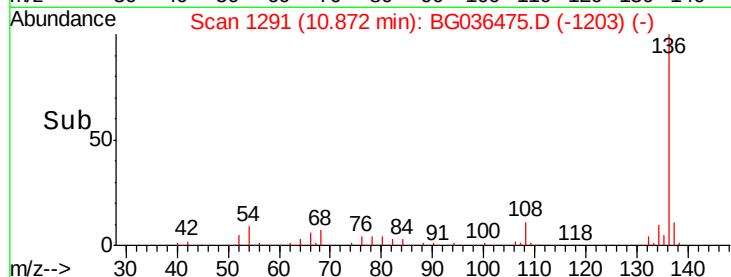
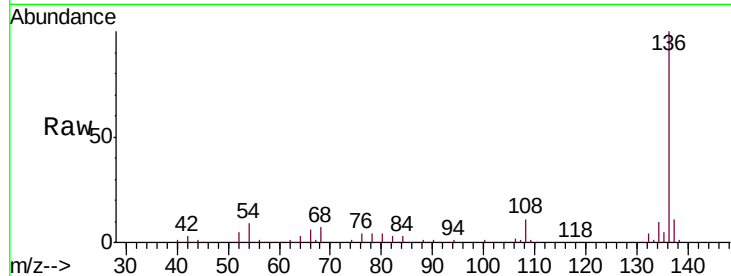




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

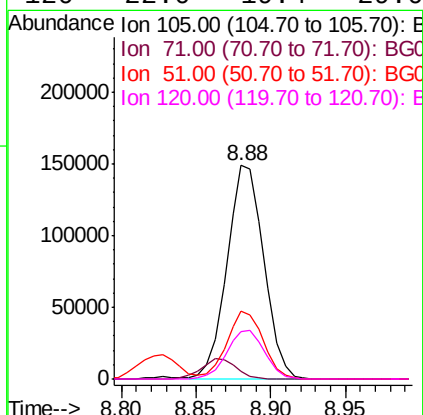
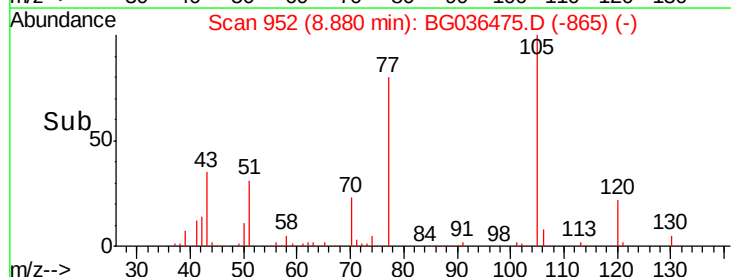
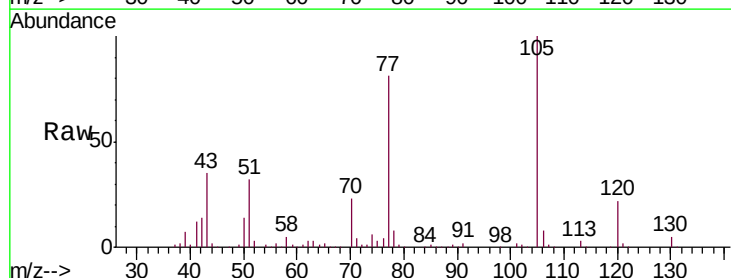
Instrument :
BNA_G
ClientSampleId :
PB112436BS

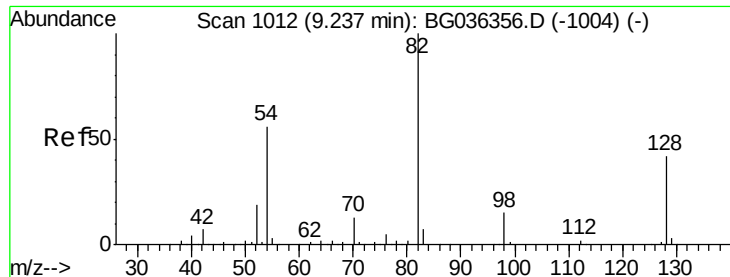
Tgt Ion:	136	Resp:	251633
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.9	9.2	13.8#
68	7.2	5.8	8.6



#22
Acetophenone
Concen: 38.787 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:	105	Resp:	256293
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.4	3.6
51	31.7	25.9	38.9
120	22.0	19.4	29.0

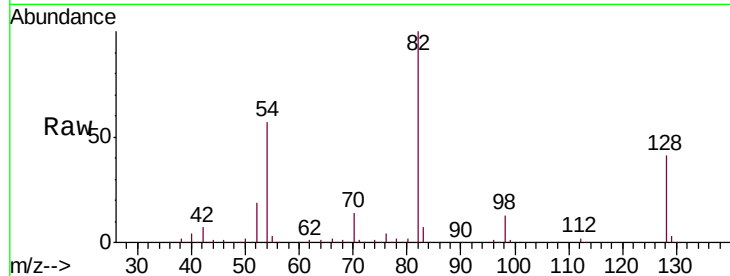




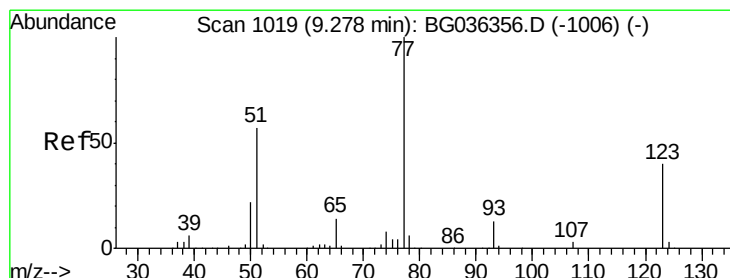
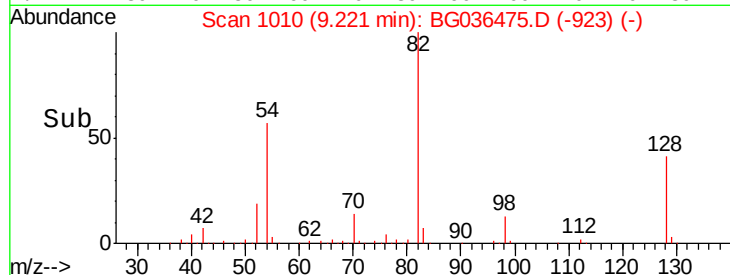
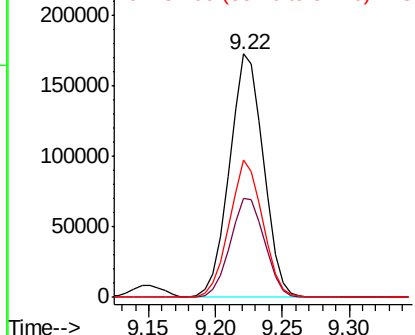
#23
 Nitrobenzene-d5
 Concen: 65.910 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion: 82 Resp: 305678
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.3 49.9
 54 56.6 45.1 67.7

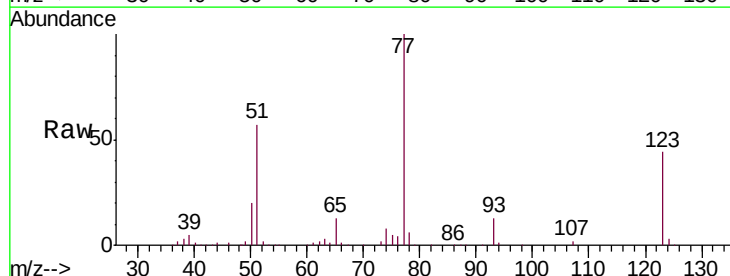


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

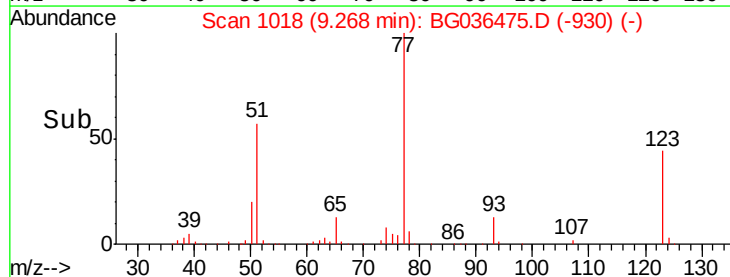
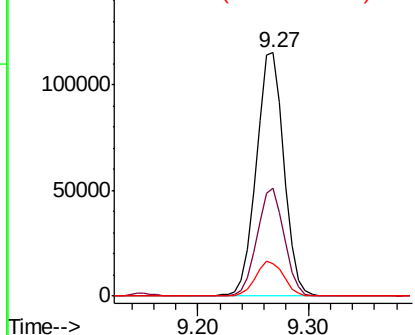


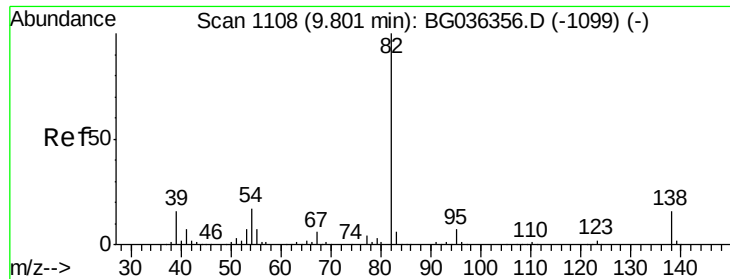
#24
 Nitrobenzene
 Concen: 40.415 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion: 77 Resp: 202119
 Ion Ratio Lower Upper
 77 100
 123 44.2 32.4 48.6
 65 13.5 11.5 17.3



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

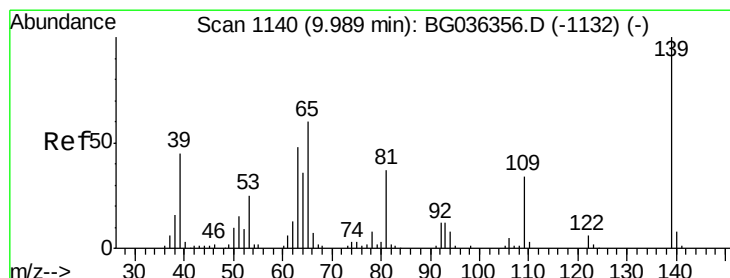
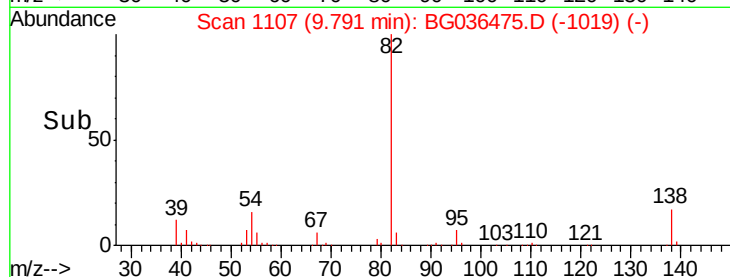
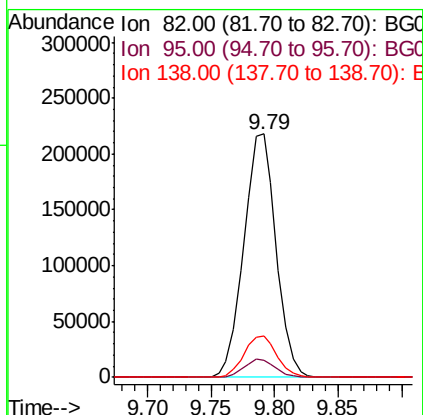
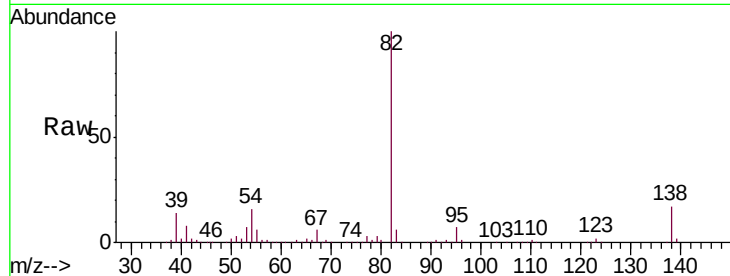




#25
Isophorone
Concen: 41.732 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

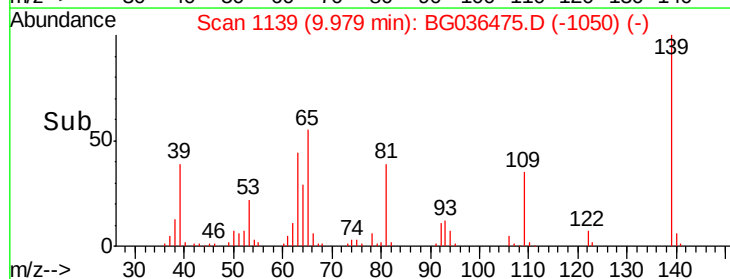
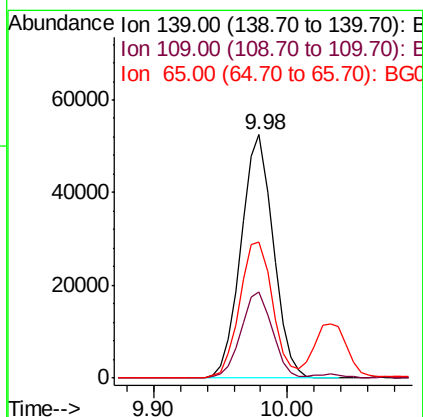
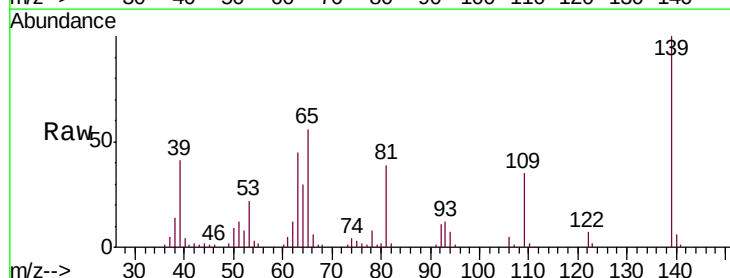
Instrument :
BNA_G
ClientSampleId :
PB112436BS

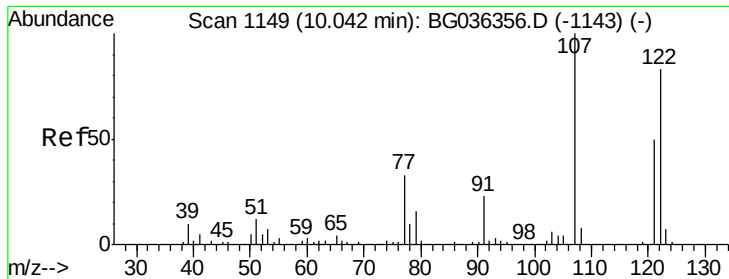
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	16.9	12.9	19.3



#26
2-Nitrophenol
Concen: 44.237 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.5	27.4	41.0
65	55.7	47.8	71.6

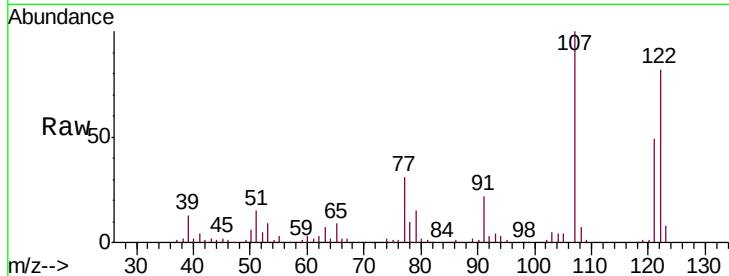




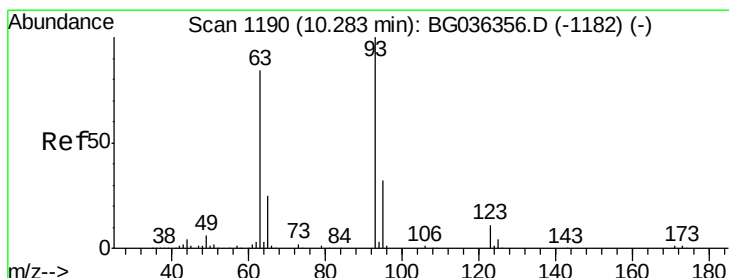
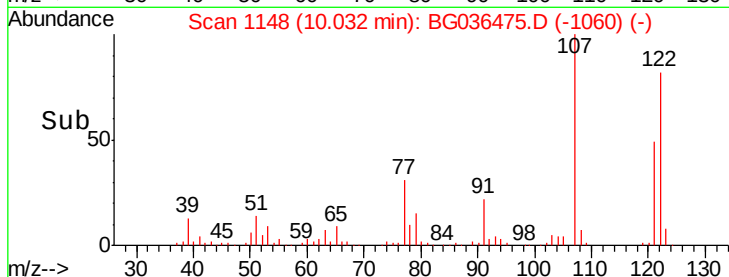
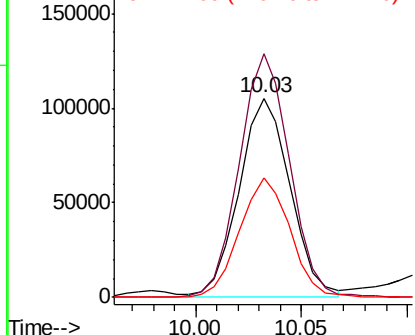
#27
 2,4-Dimethylphenol
 Concen: 48.197 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion:122 Resp: 176836
 Ion Ratio Lower Upper
 122 100
 107 122.5 96.0 144.0
 121 59.8 48.2 72.4

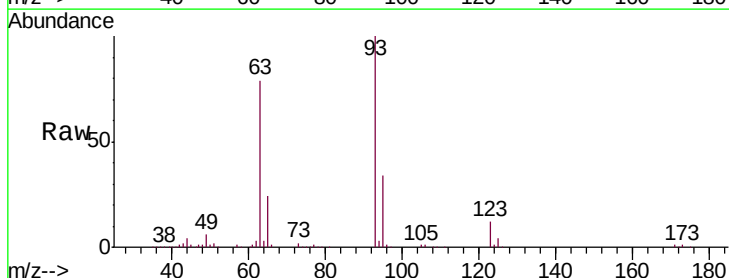


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

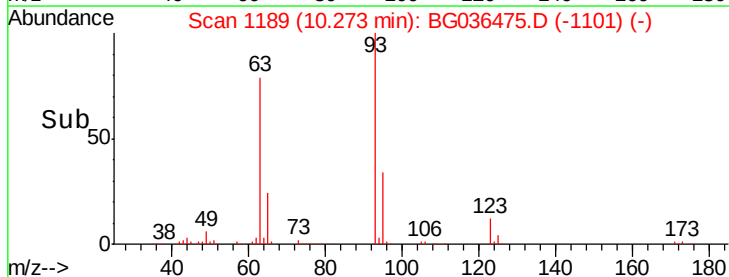
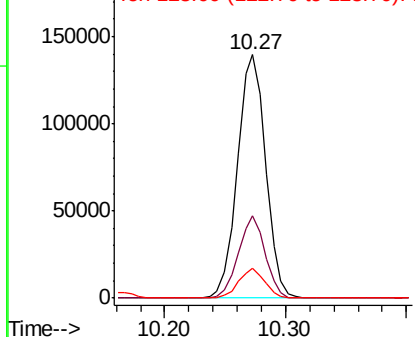


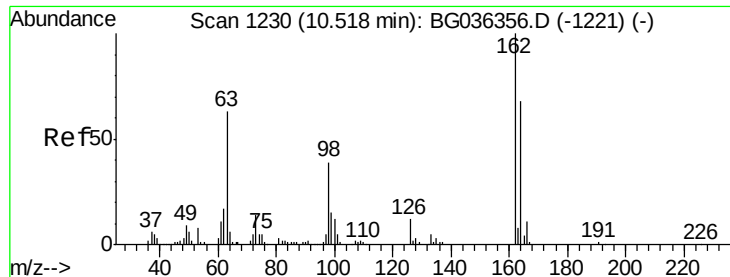
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.072 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion: 93 Resp: 226583
 Ion Ratio Lower Upper
 93 100
 95 33.9 25.2 37.8
 123 12.1 8.6 12.8



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

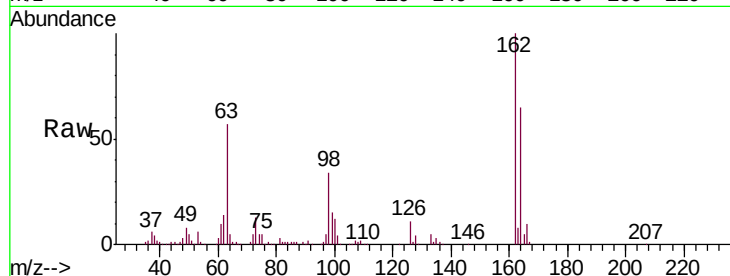




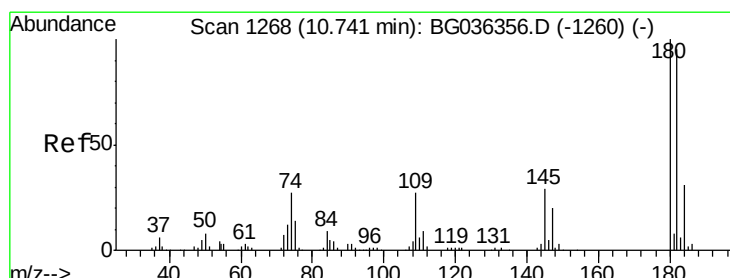
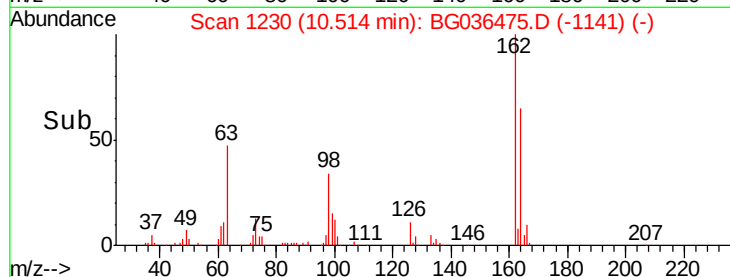
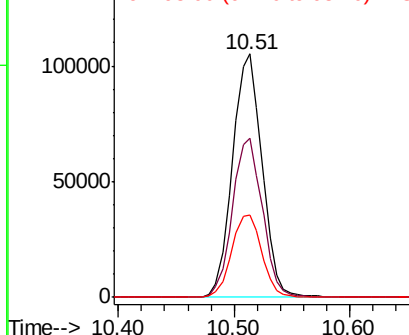
#29
2,4-Dichlorophenol
Concen: 46.410 ng
RT: 10.51 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :
PB112436BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	47.6	87.6
98	33.6	19.2	59.2

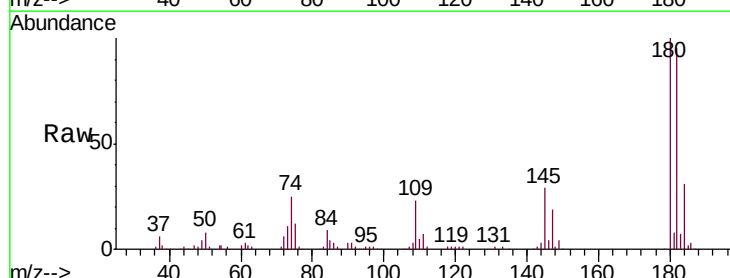


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

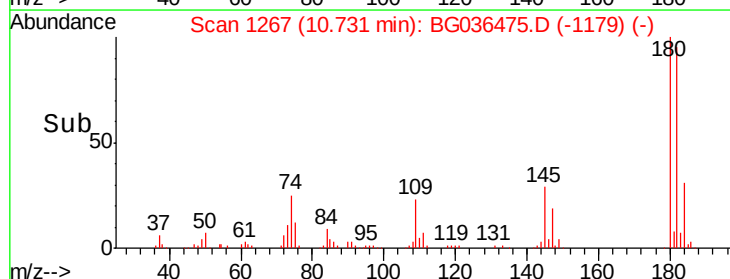
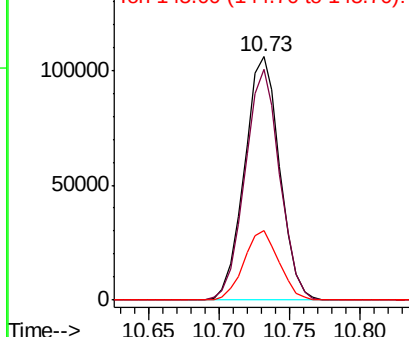


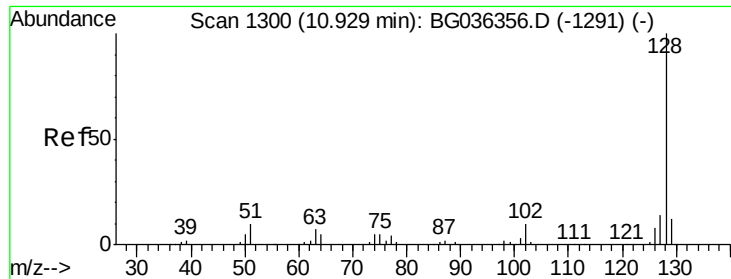
#30
1,2,4-Trichlorobenzene
Concen: 39.384 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	28.7	22.9	34.3



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

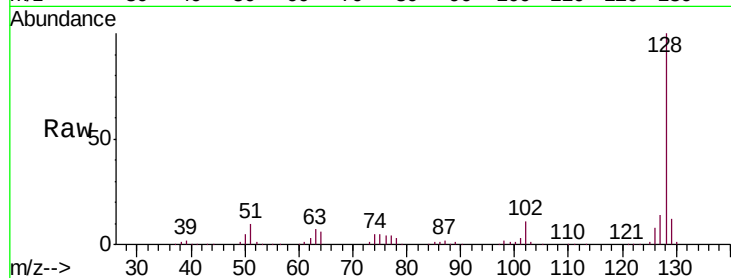




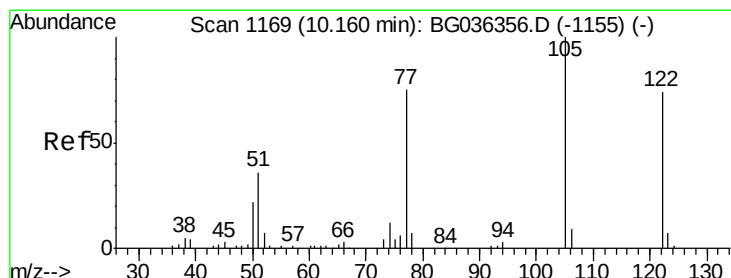
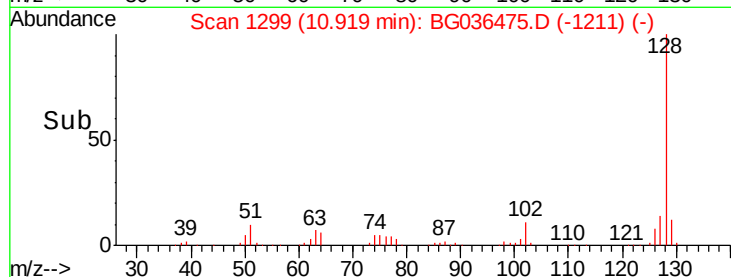
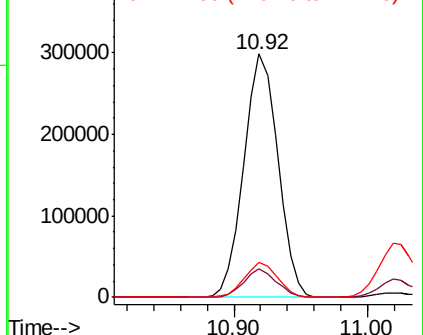
#31
Naphthalene
Concen: 41.929 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :
PB112436BS

Tgt Ion:128 Resp: 527423
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.2 11.0 16.4

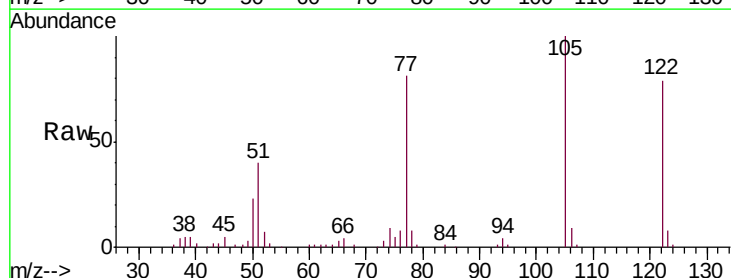


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

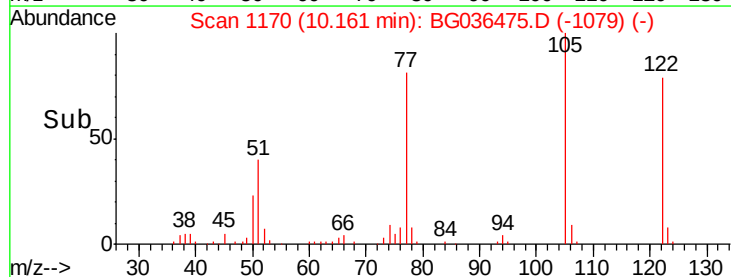
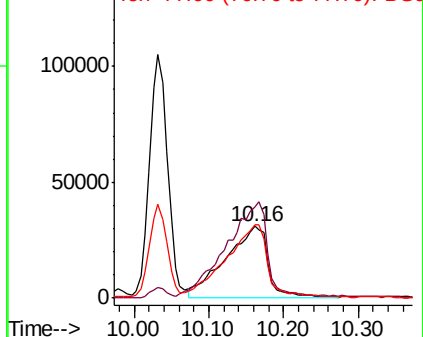


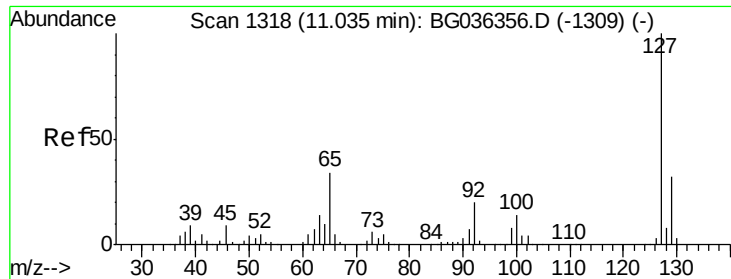
#32
Benzoic acid
Concen: 46.047 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:122 Resp: 124708
Ion Ratio Lower Upper
122 100
105 126.3 108.1 148.1
77 102.9 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

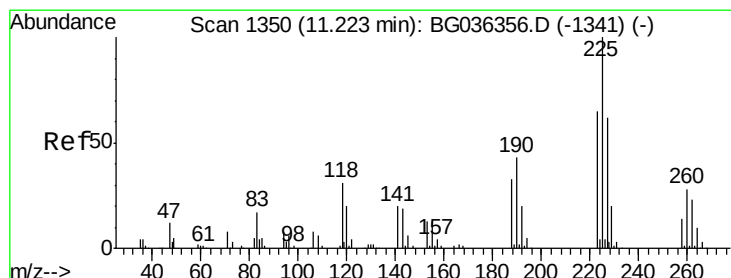
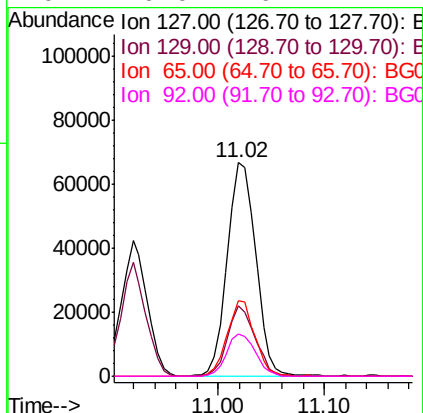
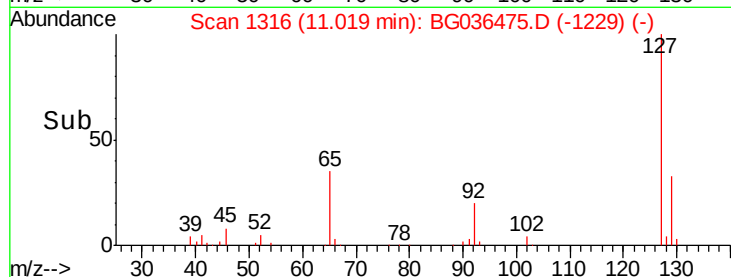
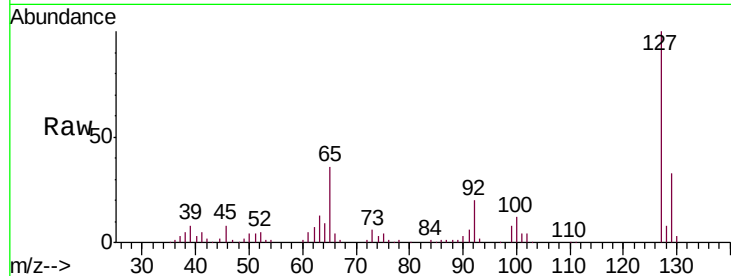




#33
4-Chloroaniline
Concen: 21.766 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

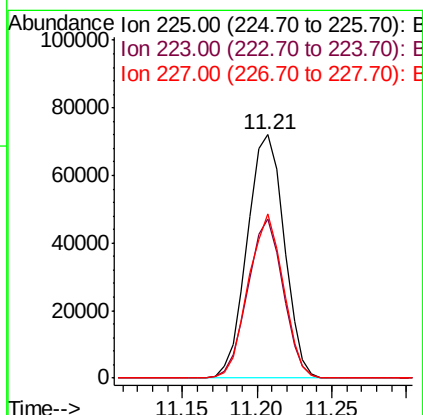
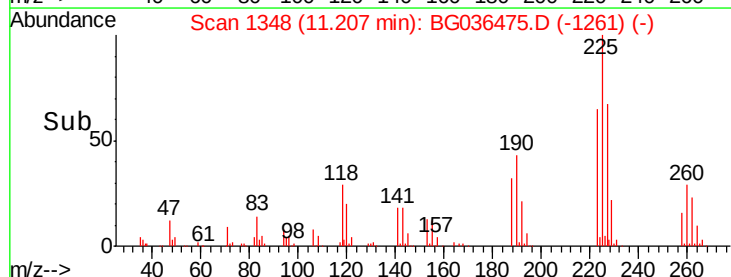
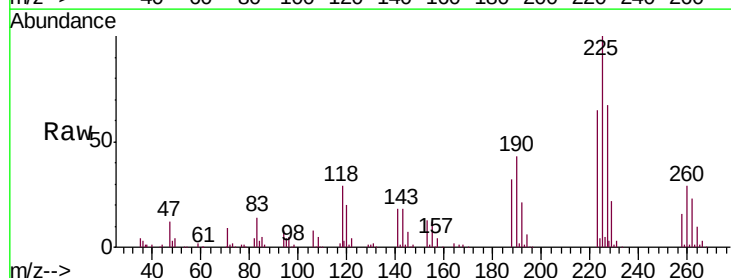
Instrument :
BNA_G
ClientSampleId :
PB112436BS

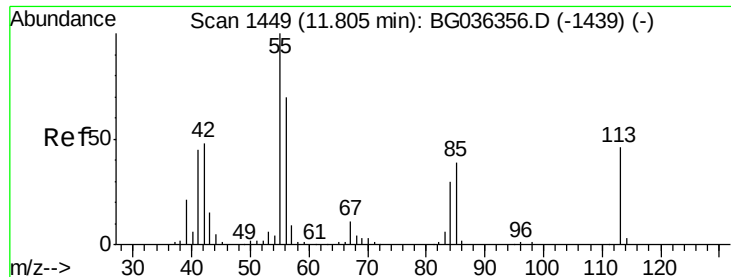
Tgt Ion:	127	Resp:	125463
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.5	27.5	41.3
92	20.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 39.020 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:	225	Resp:	123325
Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.8	77.8
227	67.2	49.8	74.6





#35

Caprolactam

Concen: 29.986 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

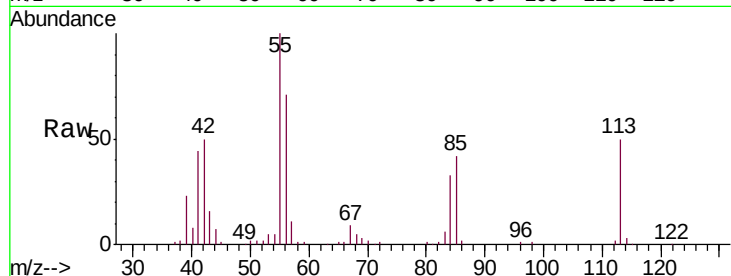
Tgt Ion:113 Resp: 48033

Ion Ratio Lower Upper

113 100

55 198.3 197.7 237.7

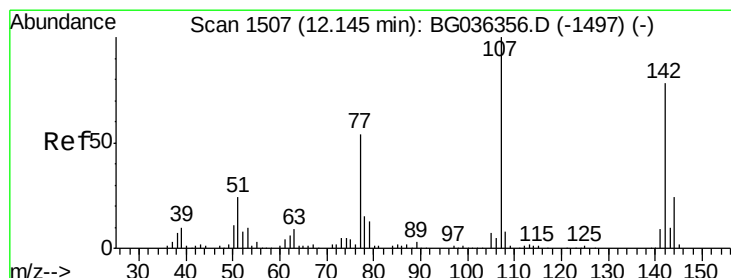
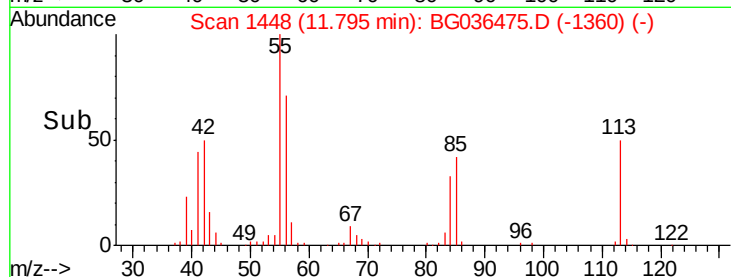
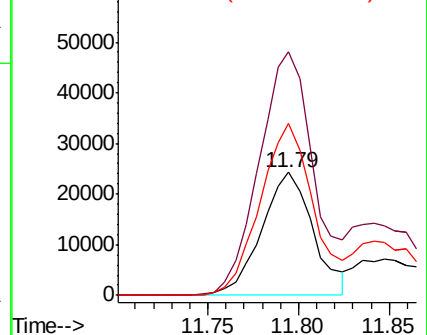
56 139.9 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.726 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

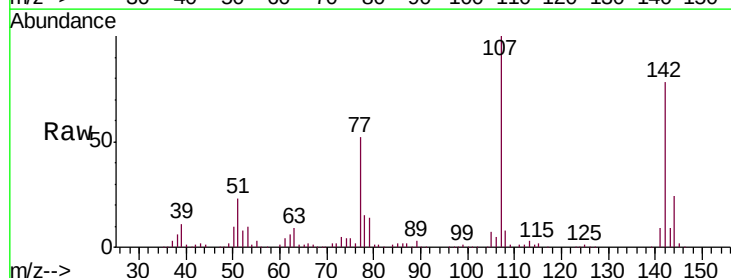
Tgt Ion:107 Resp: 208975

Ion Ratio Lower Upper

107 100

144 24.5 19.5 29.3

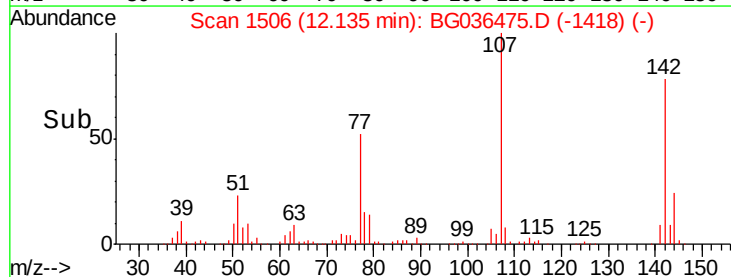
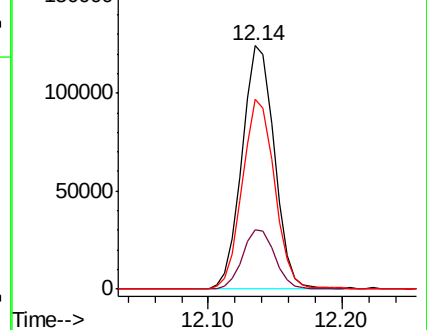
142 77.7 62.4 93.6

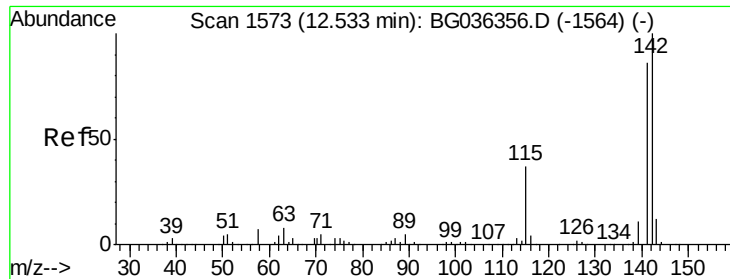


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

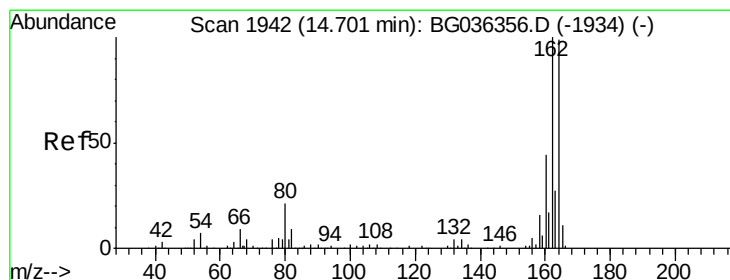
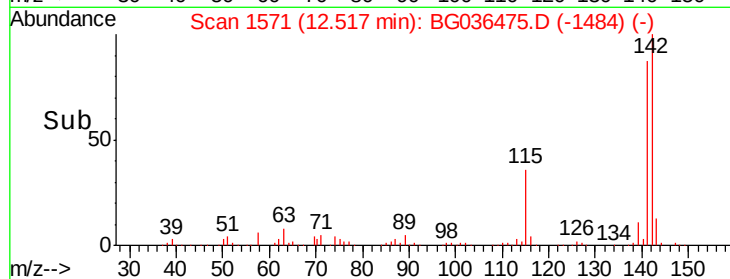
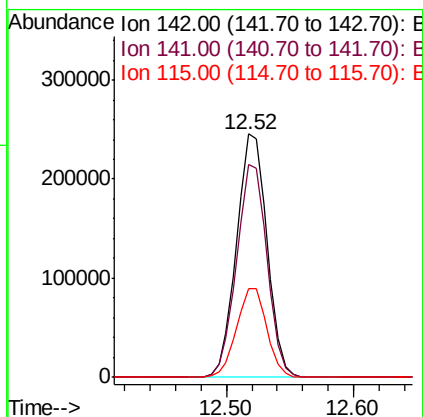
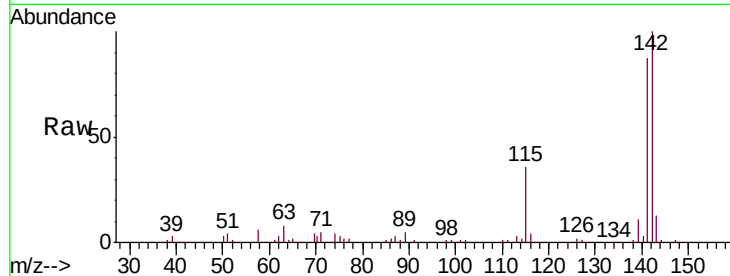




#37
 2-Methylnaphthalene
 Concen: 44.424 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

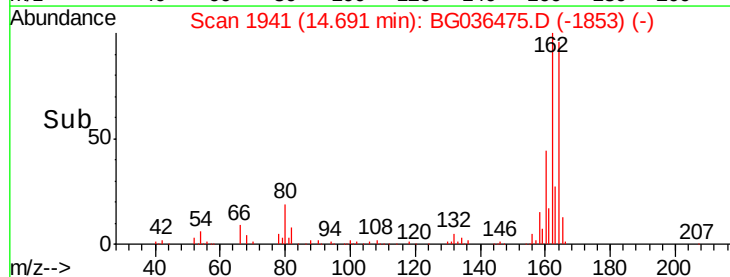
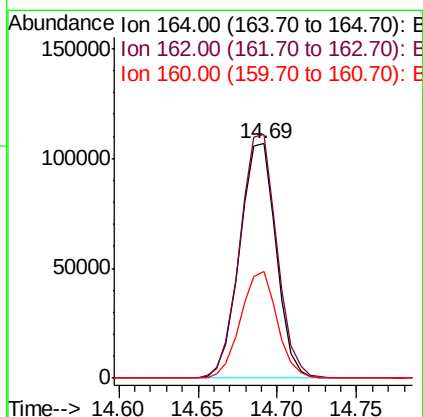
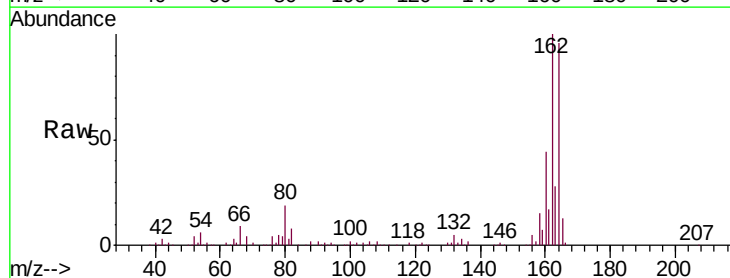
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

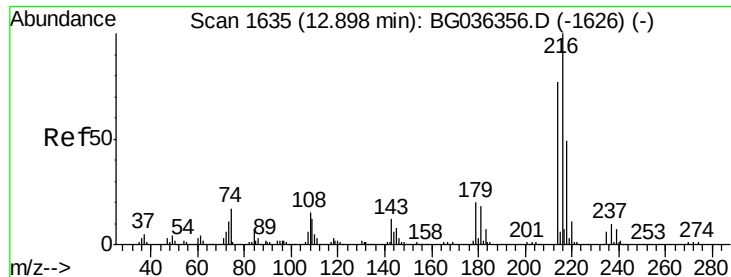
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.5	102.7
115	36.3	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	45.6	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.683 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

Tgt Ion:216 Resp: 232672

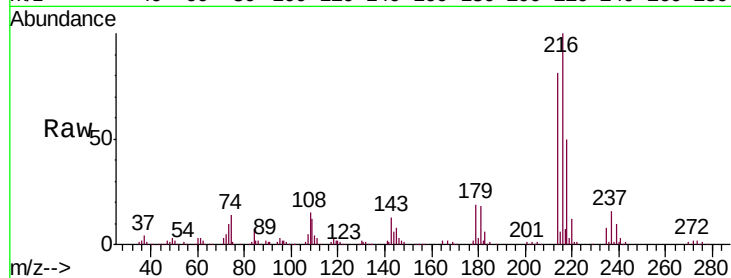
Ion Ratio Lower Upper

216 100

214 78.5 61.0 91.6

179 19.2 15.7 23.5

108 18.3 13.1 19.7

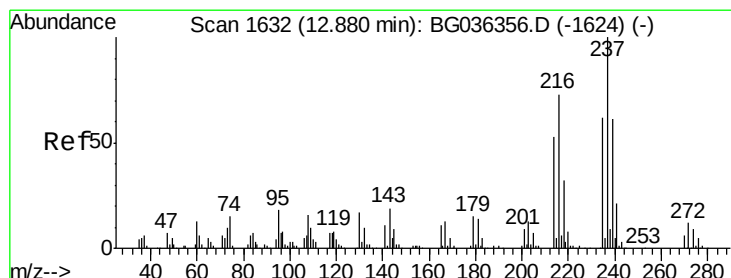
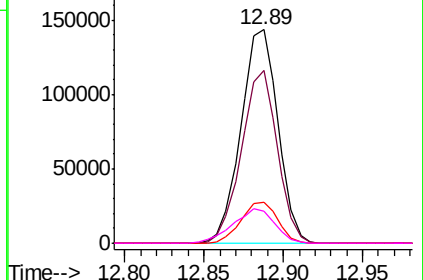
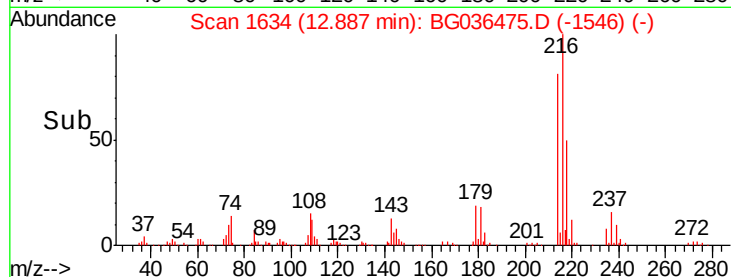


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.336 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

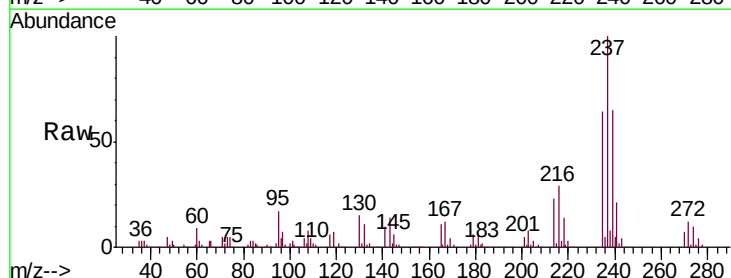
Tgt Ion:237 Resp: 285842

Ion Ratio Lower Upper

237 100

235 64.4 42.2 82.2

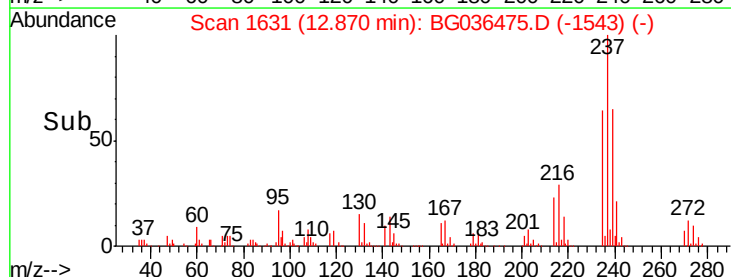
272 11.9 0.0 32.1



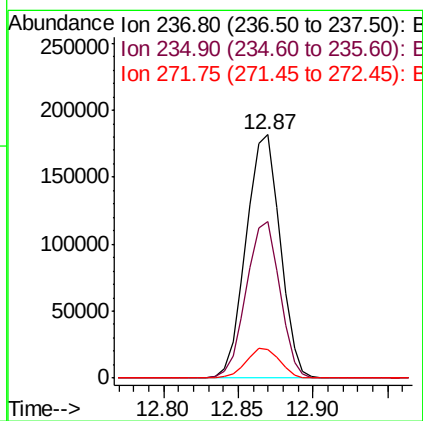
Abundance Ion 236.80 (236.50 to 237.50): E

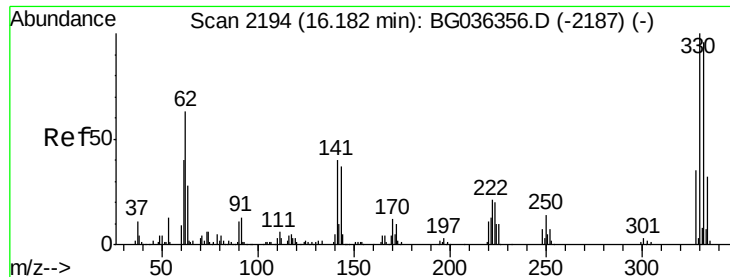
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

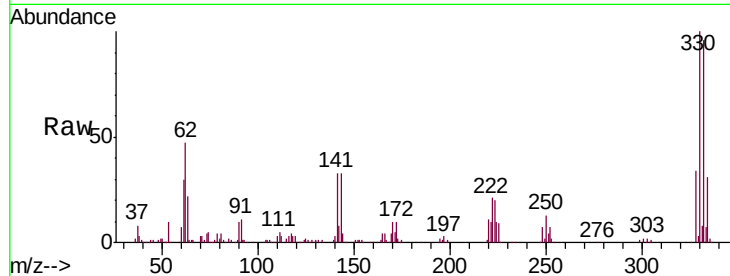




#41
 2,4,6-Tribromophenol
 Concen: 114.374 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	37.0	30.7	46.1

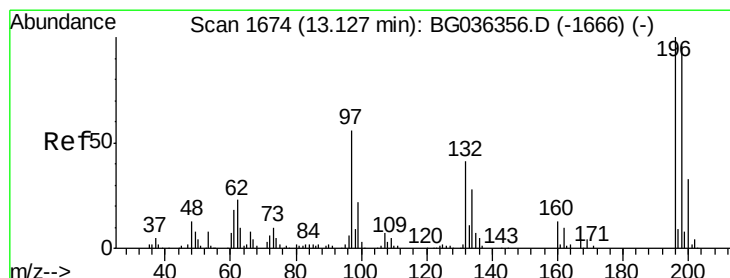
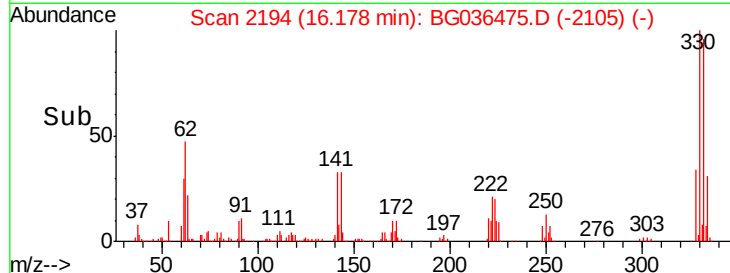
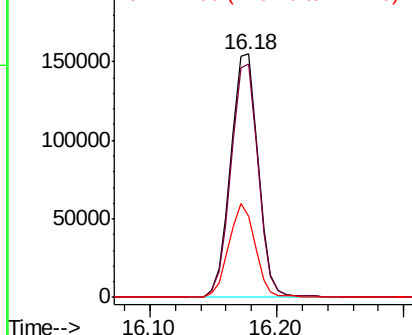


Abundance

Ion 329.80 (329.50 to 330.50): E

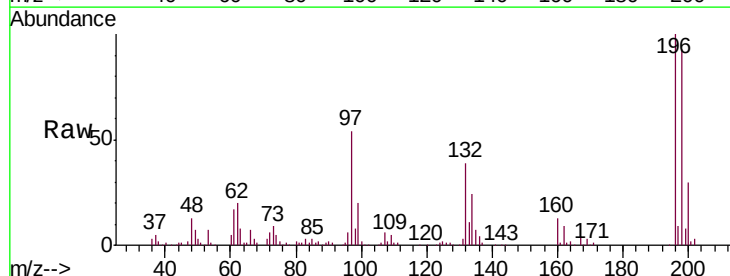
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.613 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	77.2	115.8
200	30.4	26.3	39.5

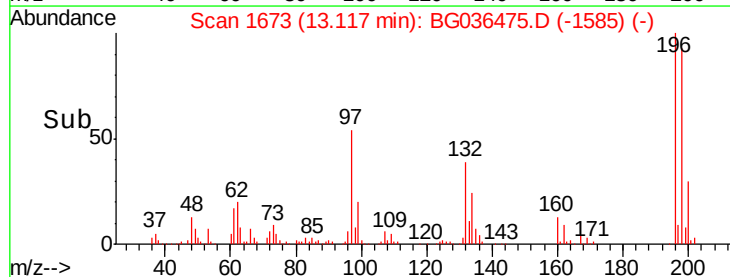
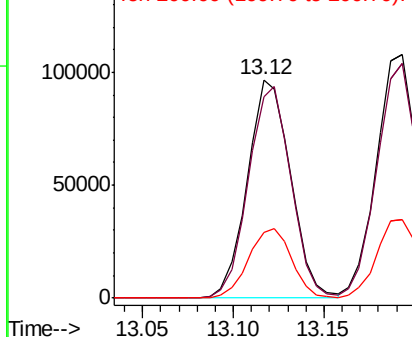


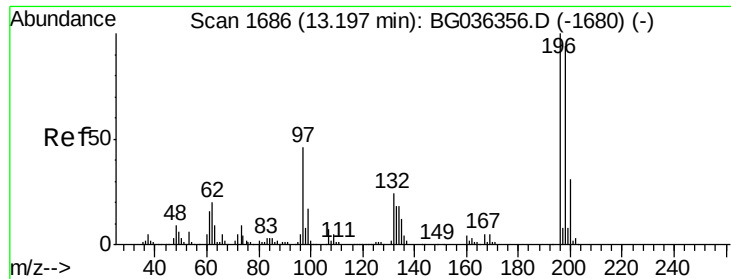
Abundance

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

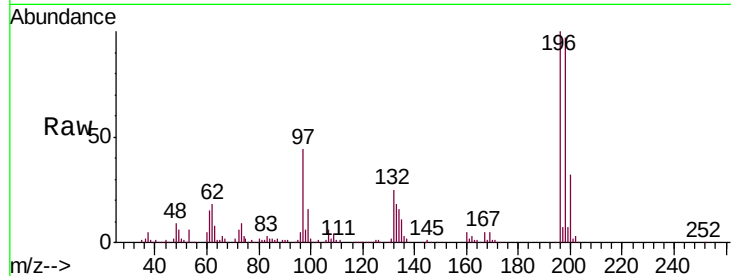




#43
 2,4,5-Trichlorophenol
 Concen: 44.910 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion:	196	Resp:	175511
Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.6	113.4
97	44.0	37.2	55.8
132	24.6	19.4	29.2



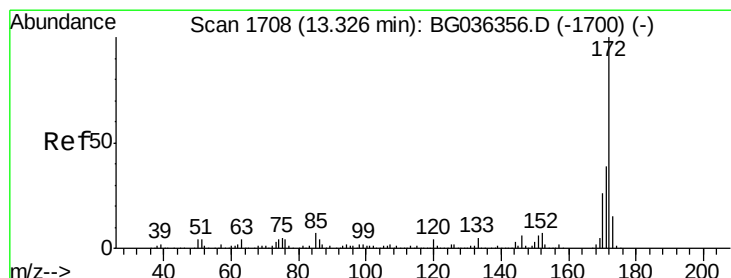
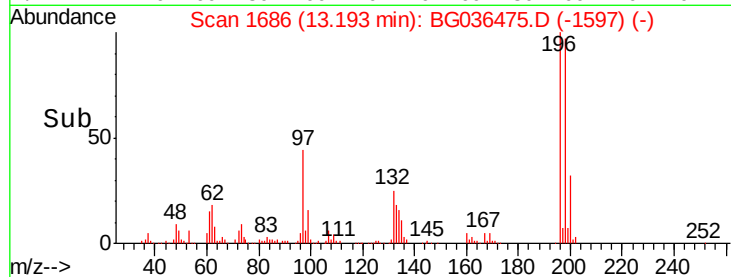
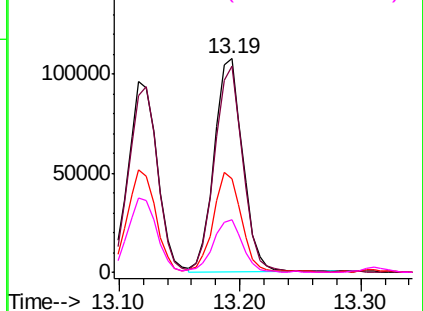
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

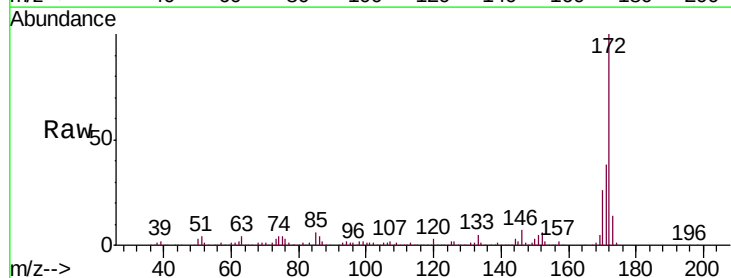
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.337 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion:	172	Resp:	765858
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	26.0	21.0	31.6

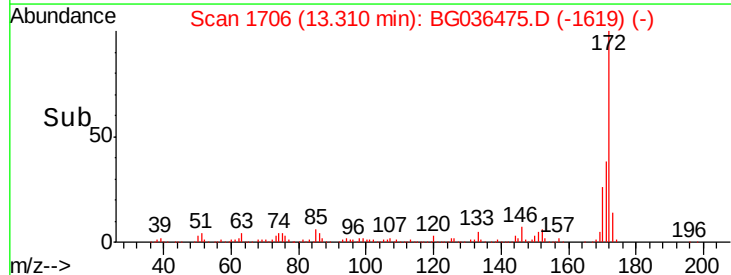
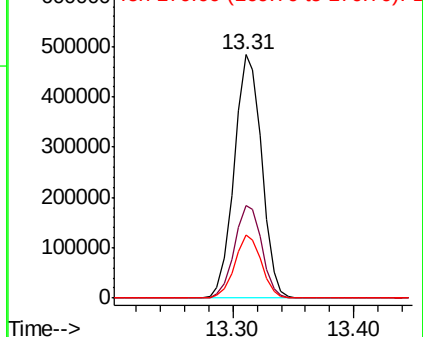


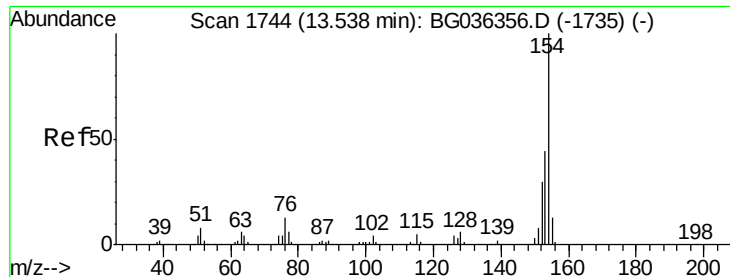
Abundance

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

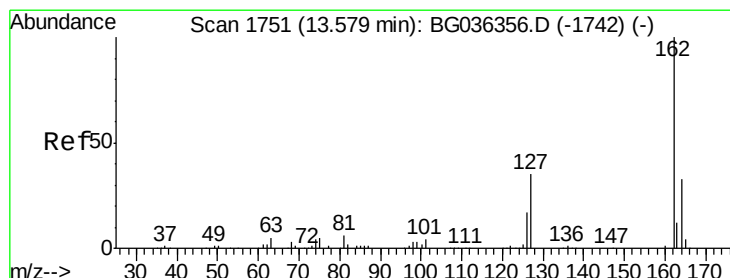
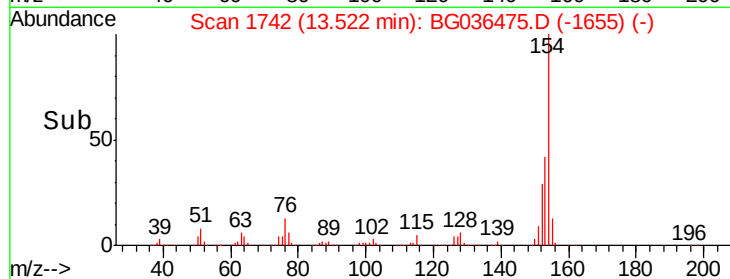
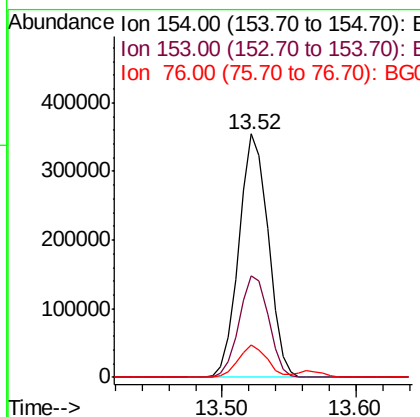
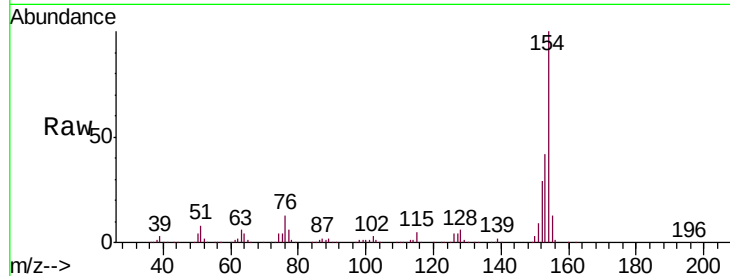




#45
 1,1'-Biphenyl
 Concen: 38.143 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

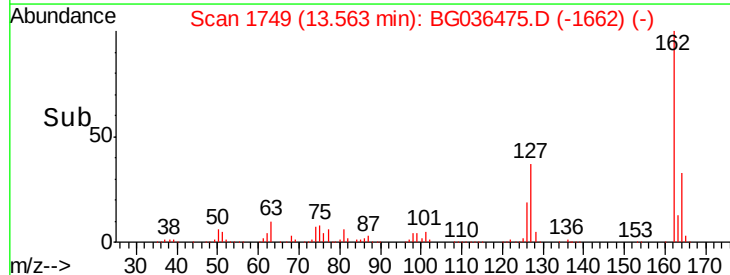
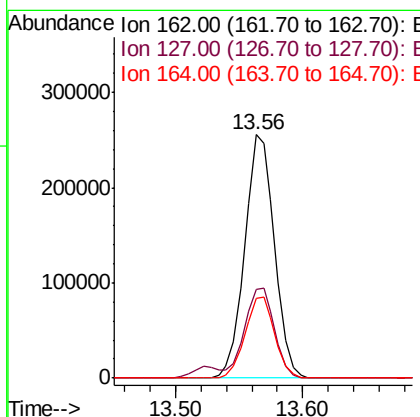
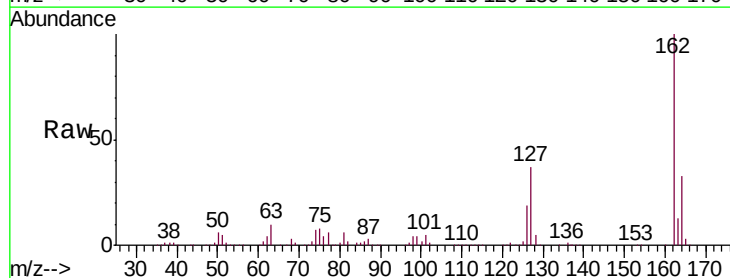
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

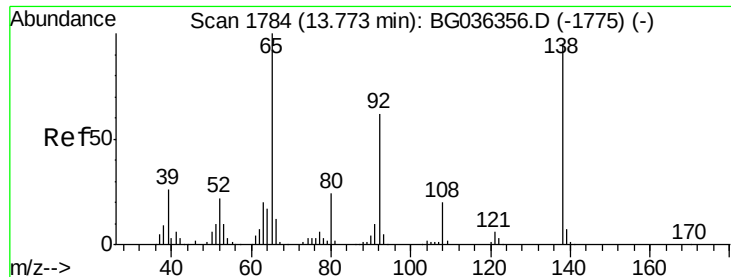
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	24.0	64.0
76	13.3	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.495 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	32.6	26.7	40.1

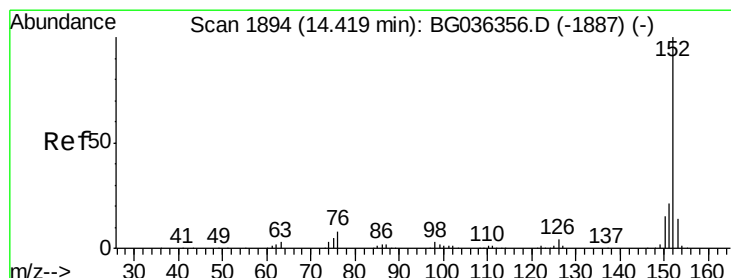
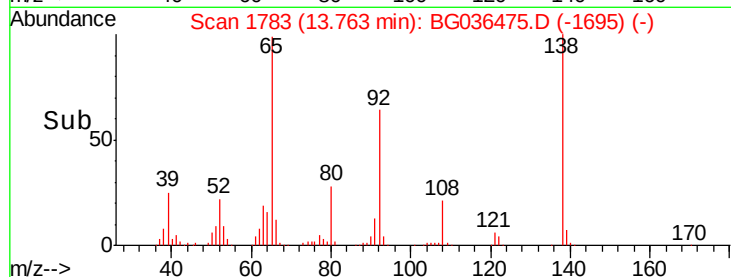
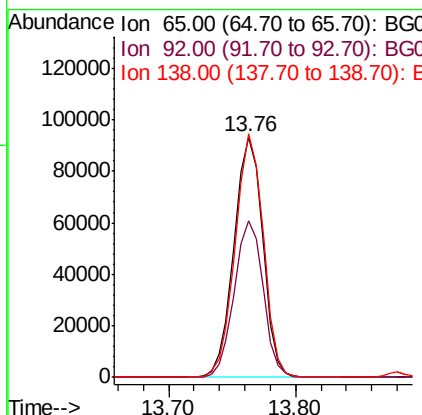
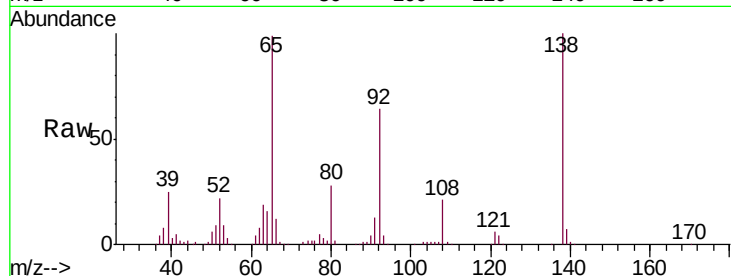




#47
2-Nitroaniline
Concen: 43.277 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

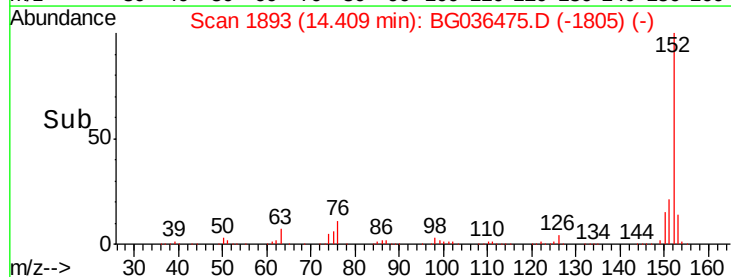
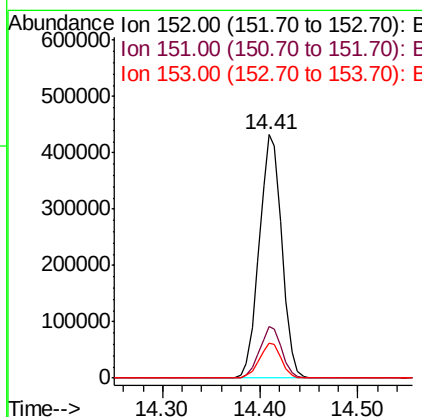
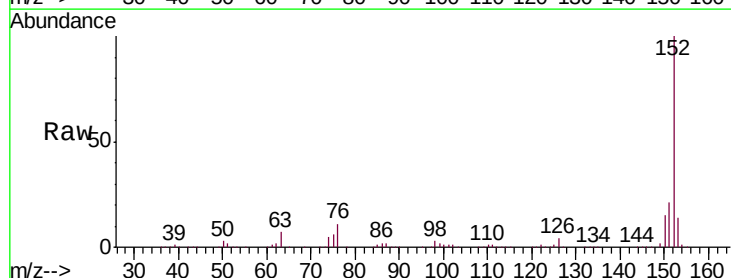
Instrument :
BNA_G
ClientSampleId :
PB112436BS

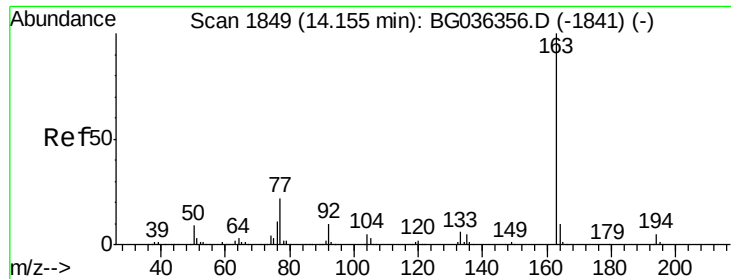
Tgt Ion: 65 Resp: 146370
Ion Ratio Lower Upper
65 100
92 65.0 49.9 74.9
138 101.3 76.2 114.4



#48
Acenaphthylene
Concen: 41.812 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion: 152 Resp: 703812
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 14.4 11.2 16.8





#49

Dimethylphthalate

Concen: 40.315 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

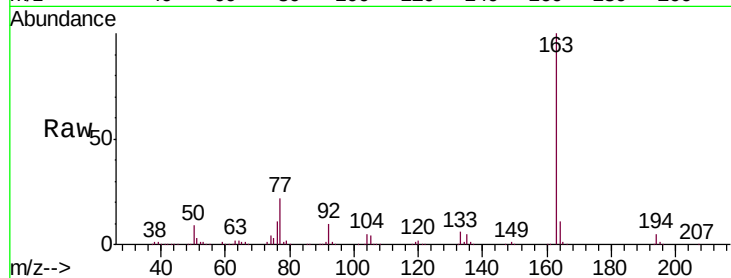
Tgt Ion:163 Resp: 559518

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

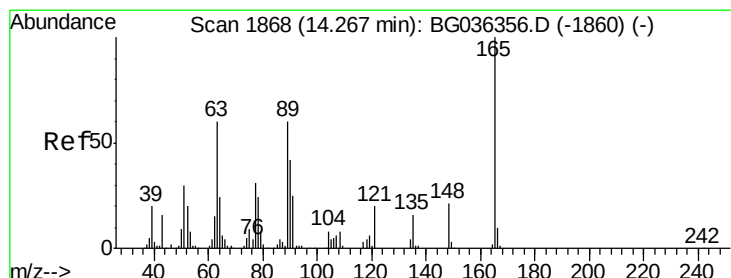
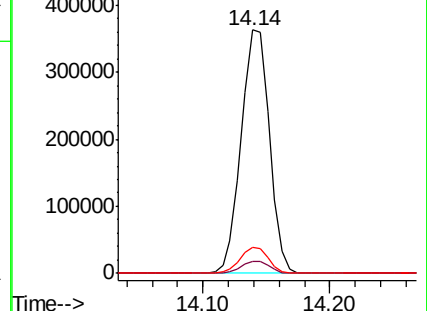
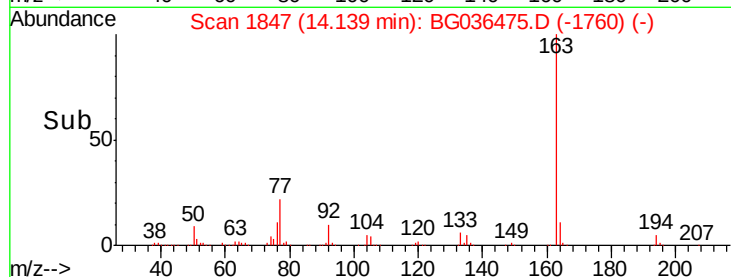
164 10.9 8.1 12.1



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: 43.863 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

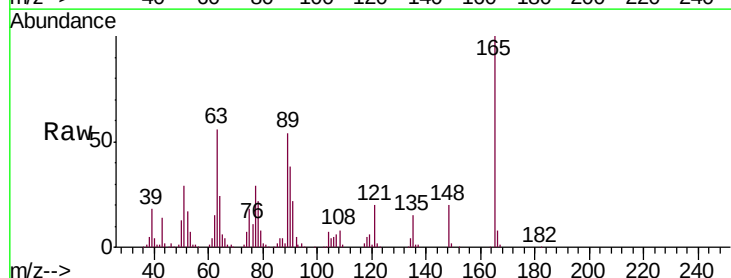
Tgt Ion:165 Resp: 125267

Ion Ratio Lower Upper

165 100

63 56.5 50.1 75.1

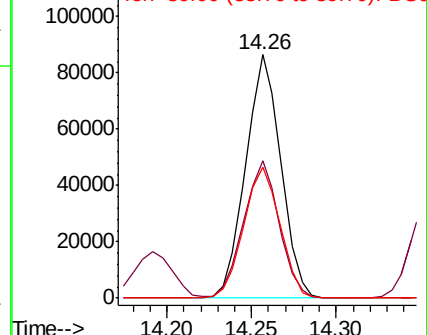
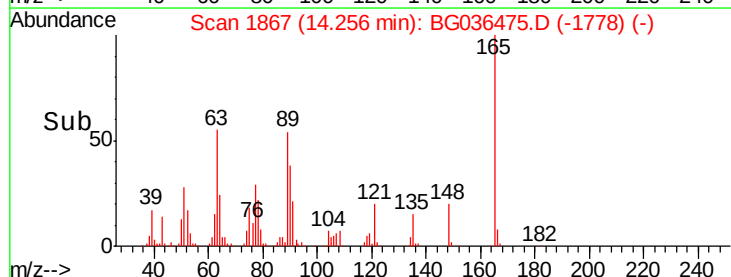
89 53.9 47.8 71.6

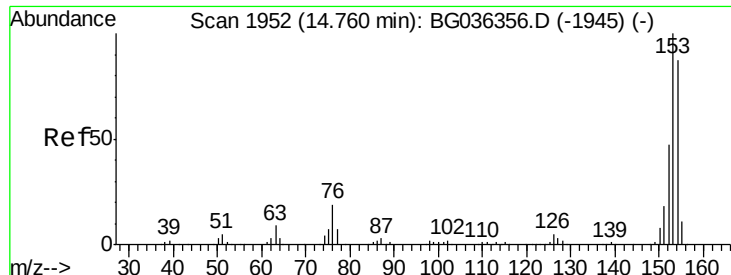


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.276 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

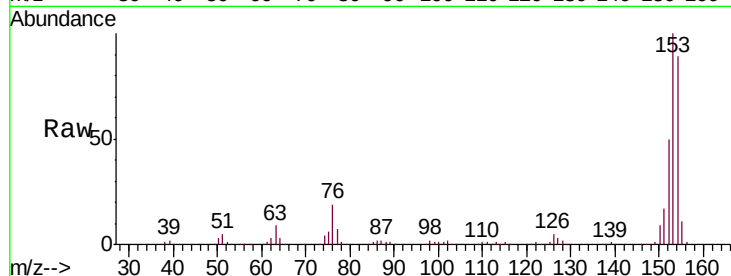
Tgt Ion:154 Resp: 423409

Ion Ratio Lower Upper

154 100

153 112.5 91.8 137.6

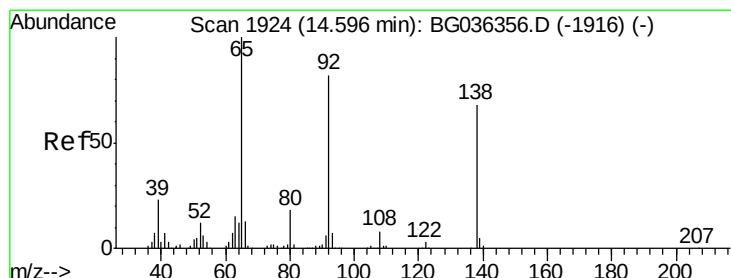
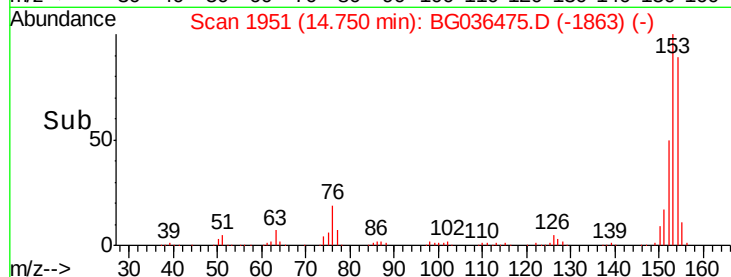
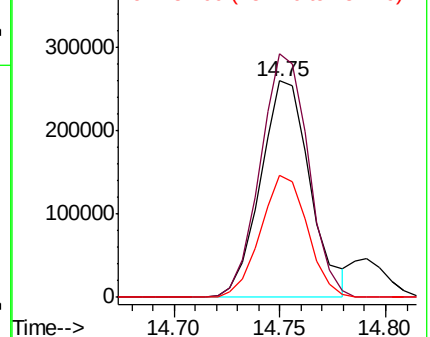
152 56.5 43.5 65.3



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: 33.264 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

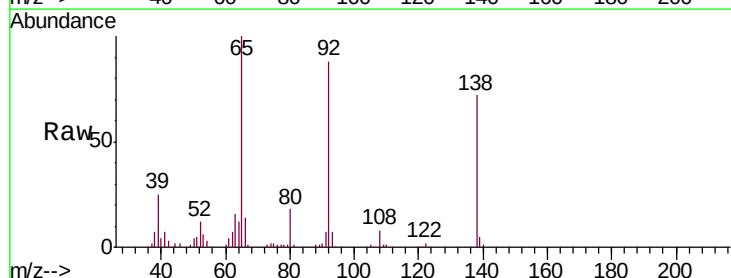
Tgt Ion:138 Resp: 102371

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

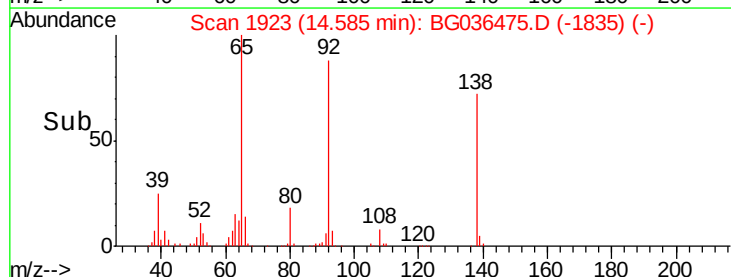
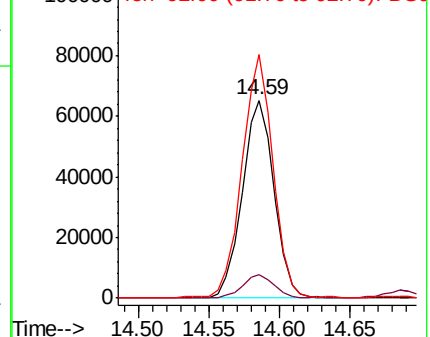
92 123.0 96.8 145.2

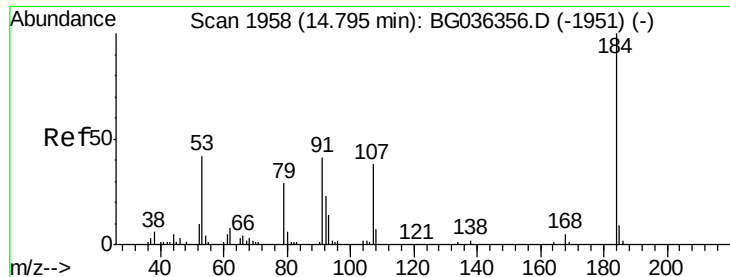


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

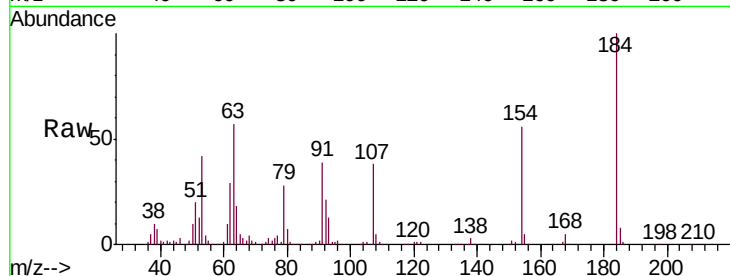




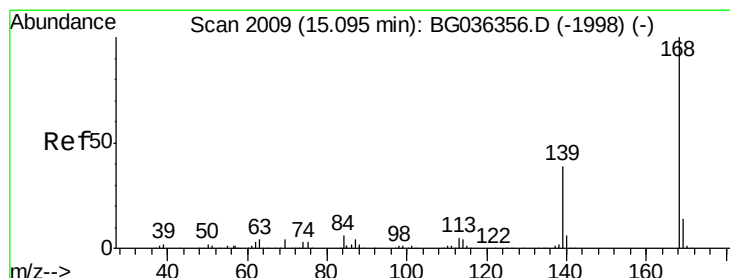
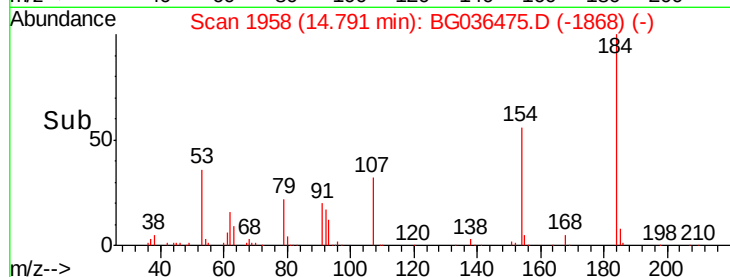
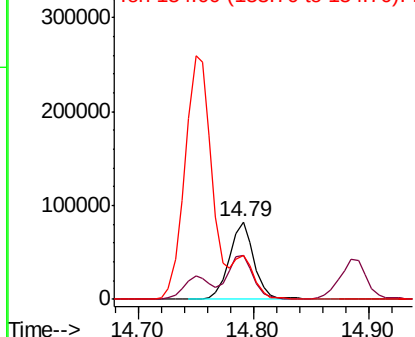
#53
2,4-Dinitrophenol
Concen: 112.862 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :
PB112436BS

Tgt Ion:184 Resp: 122087
Ion Ratio Lower Upper
184 100
63 57.0 47.3 70.9
154 56.1 51.1 76.7

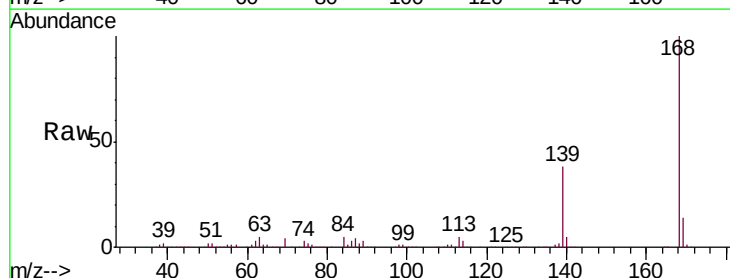


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

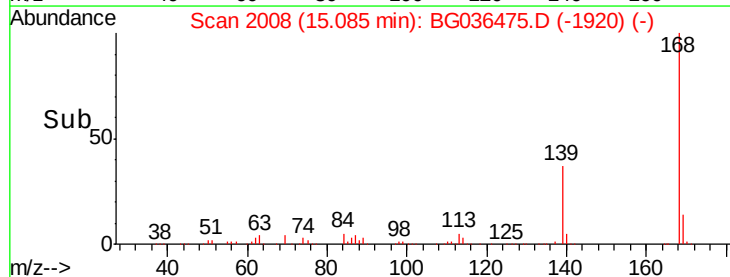
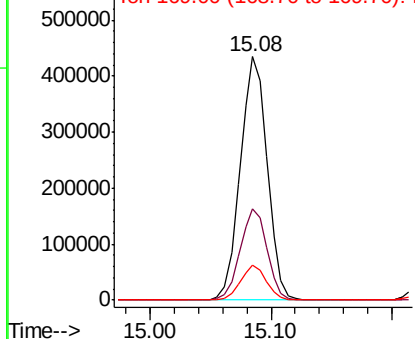


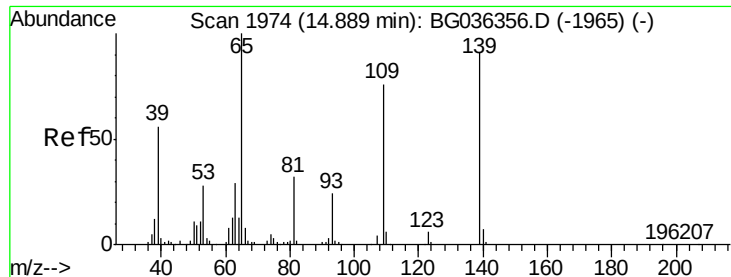
#54
Dibenzofuran
Concen: 39.887 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:168 Resp: 673660
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 14.3 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

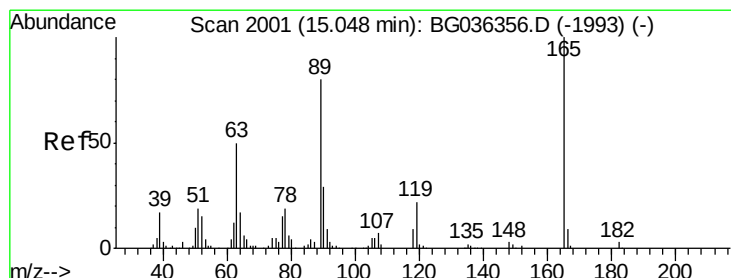
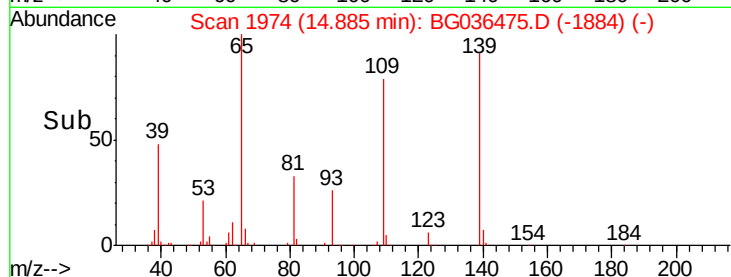
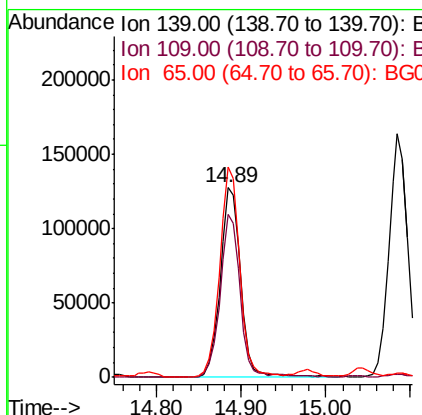
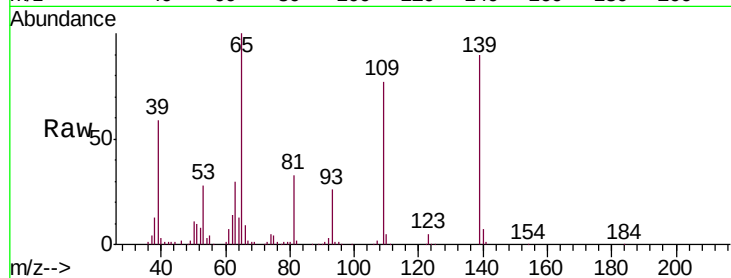




#55
4-Nitrophenol
Concen: 85.844 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

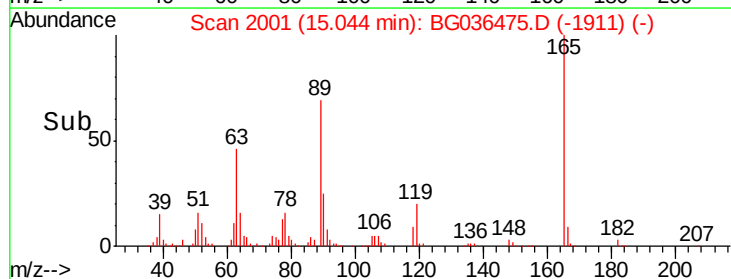
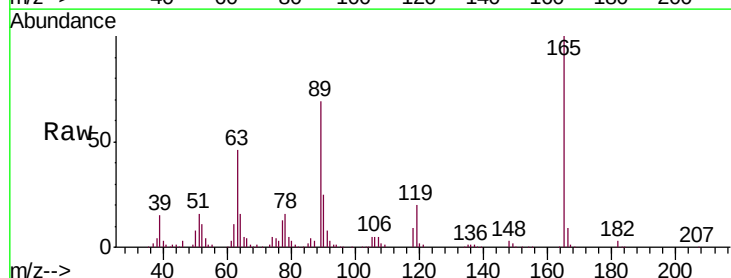
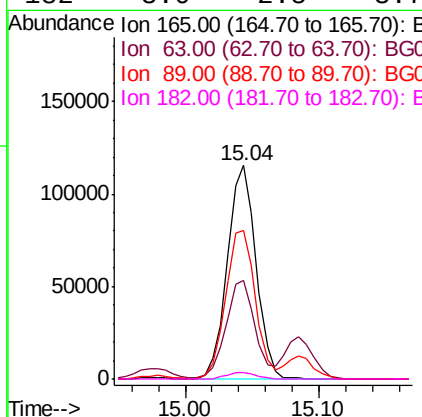
Instrument :
BNA_G
ClientSampleId :
PB112436BS

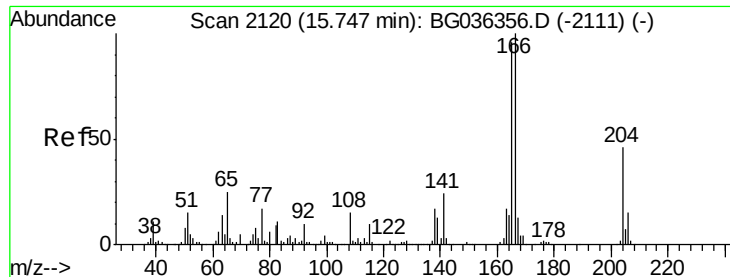
Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.0	63.9	103.9
65	111.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 46.554 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	40.1	60.1
89	69.4	63.7	95.5
182	3.0	2.5	3.7

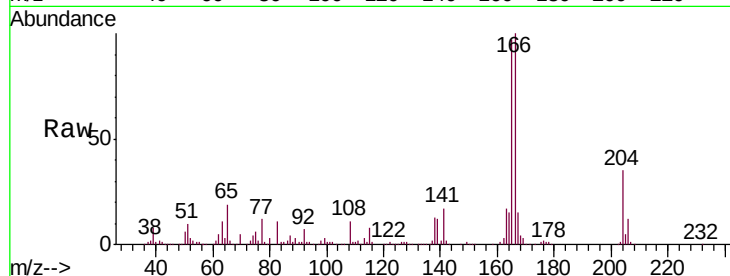




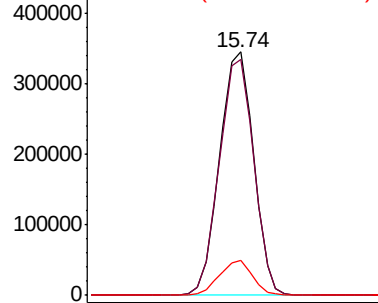
#57
 Fluorene
 Concen: 43.027 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

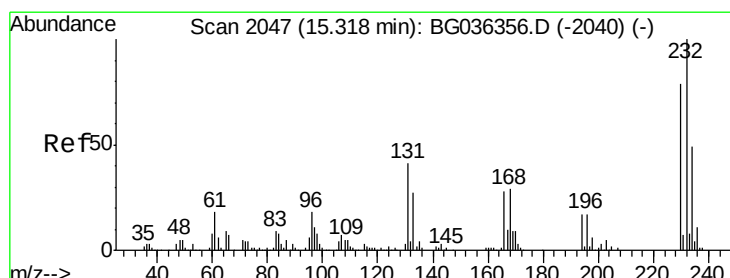
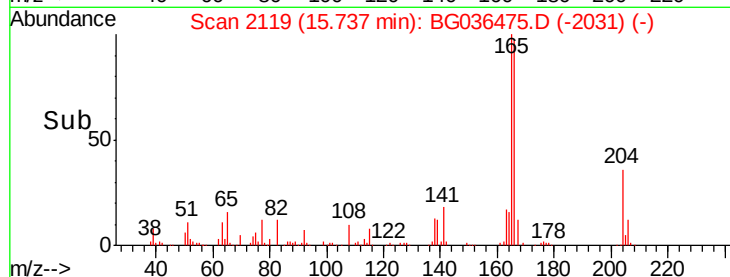
Tgt Ion:166 Resp: 543257
 Ion Ratio Lower Upper
 166 100
 165 96.7 77.0 115.4
 167 14.6 10.6 16.0



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

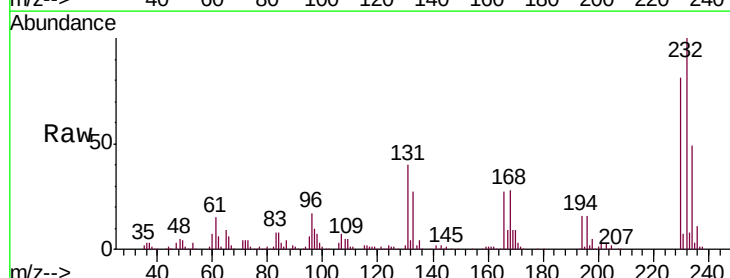


Time-->

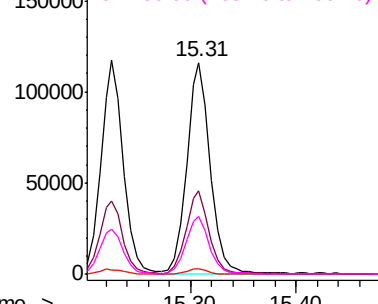


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.707 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

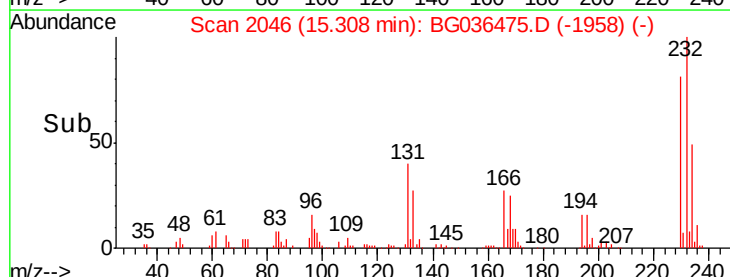
Tgt Ion:232 Resp: 178840
 Ion Ratio Lower Upper
 232 100
 131 37.9 33.8 50.8
 130 2.2 2.1 3.1
 166 27.5 22.3 33.5

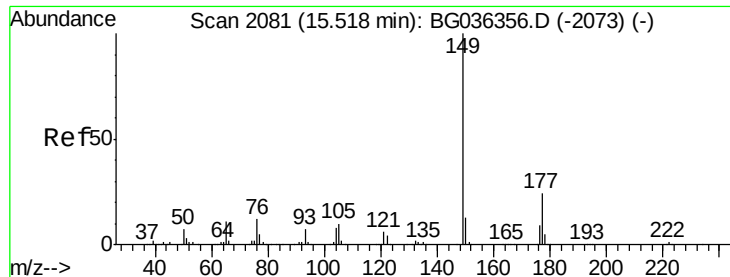


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



Time-->

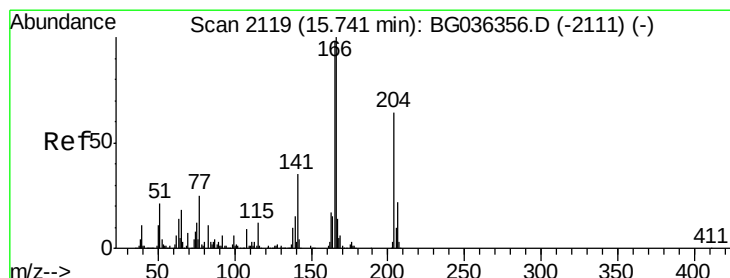
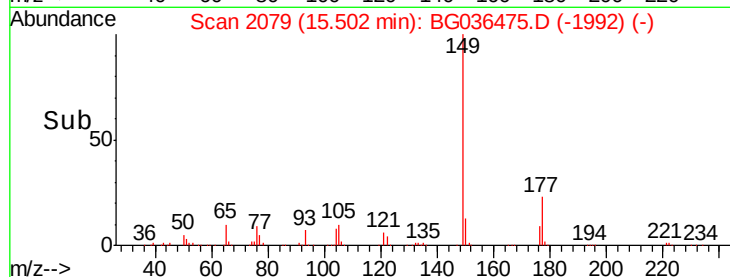
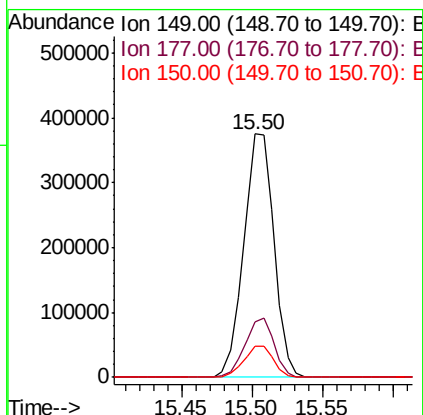
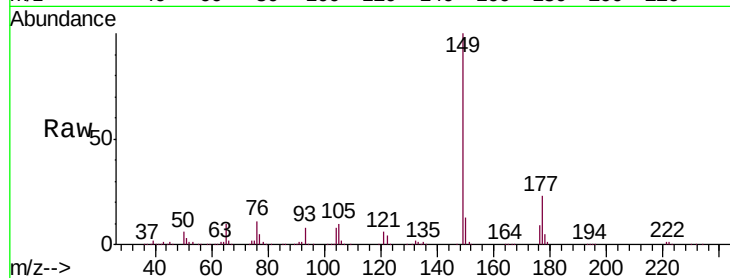




#59
Diethylphthalate
Concen: 40.171 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

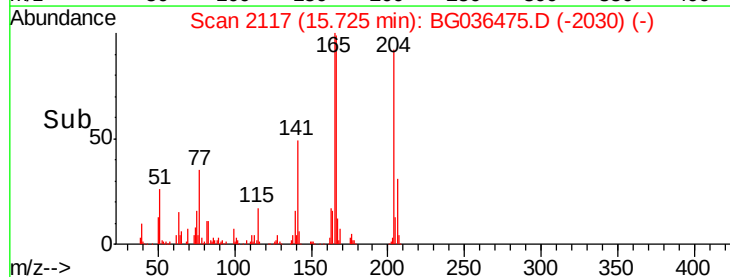
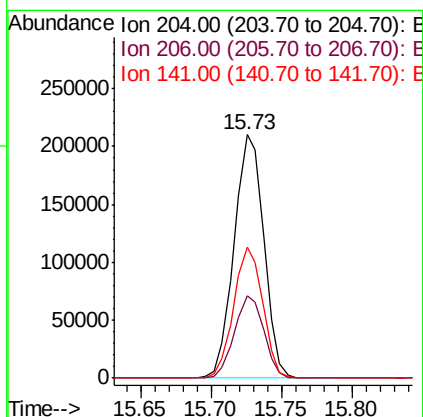
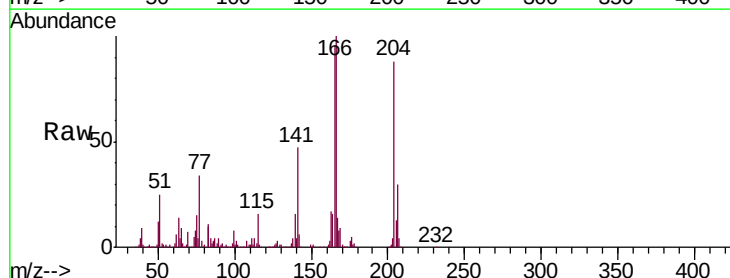
Instrument :
BNA_G
ClientSampleId :
PB112436BS

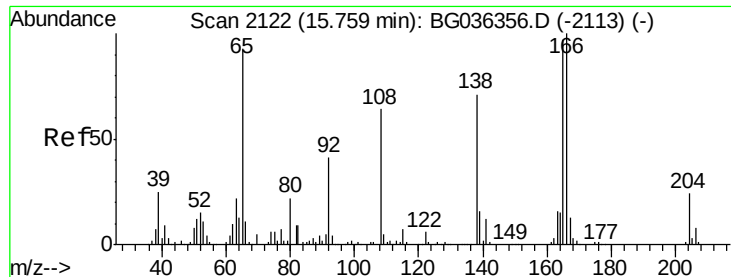
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.1	28.7
150	12.6	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 39.556 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.4
141	53.7	43.8	65.6

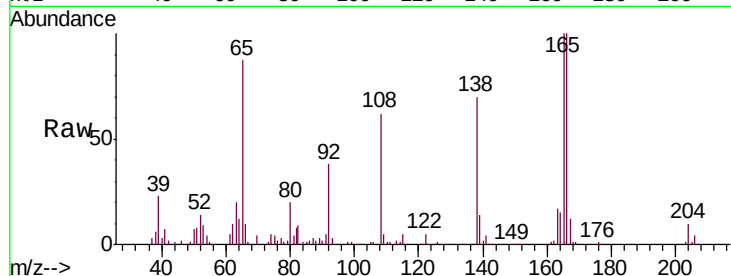




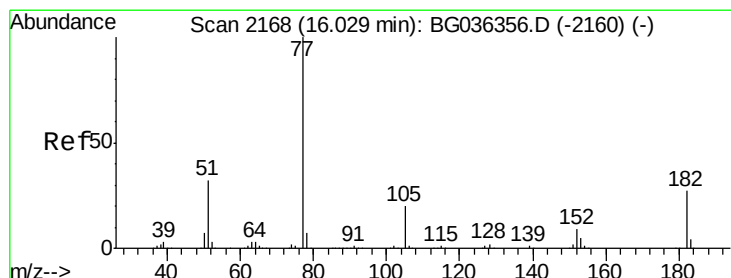
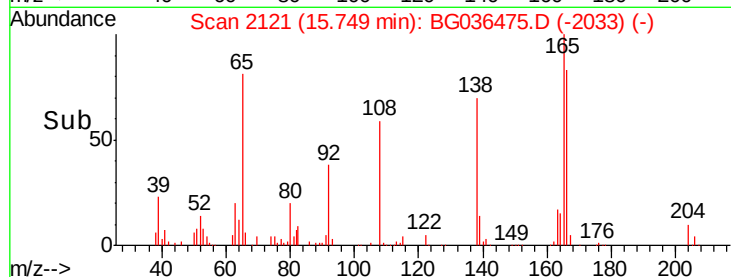
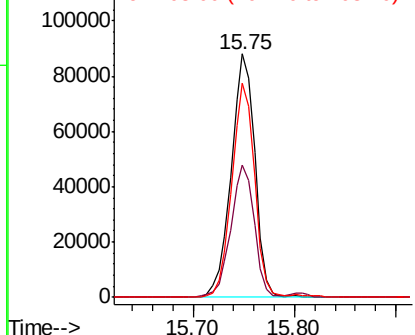
#61
4-Nitroaniline
Concen: 44.215 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :
PB112436BS

Tgt Ion: 138 Resp: 142392
Ion Ratio Lower Upper
138 100
92 54.3 38.5 78.5
108 87.9 70.3 110.3

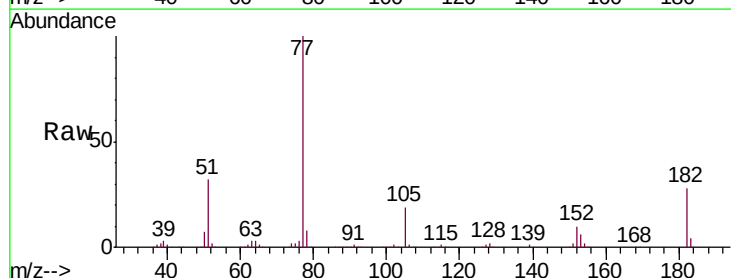


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

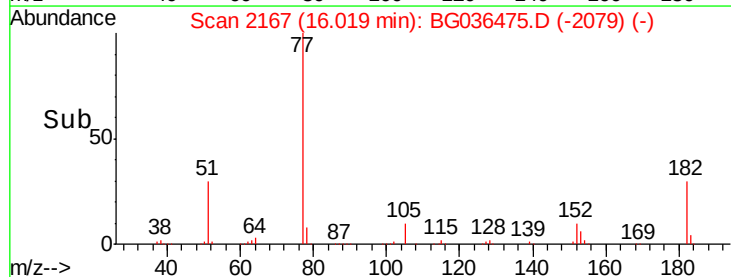
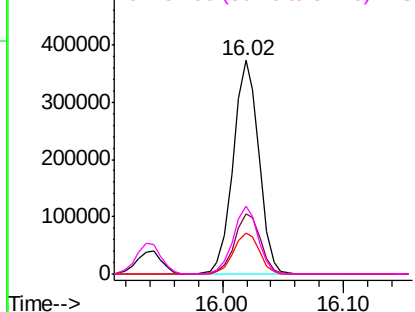


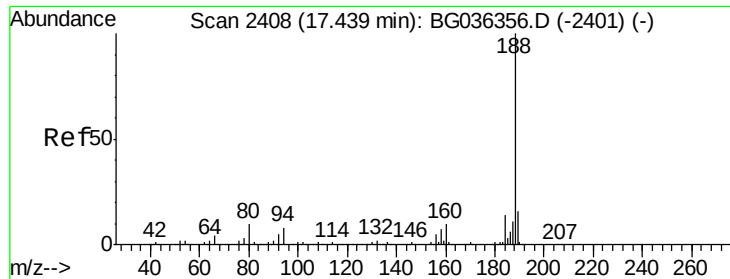
#62
Azobenzene
Concen: 38.535 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion: 77 Resp: 548395
Ion Ratio Lower Upper
77 100
182 28.1 6.7 46.7
105 19.2 0.0 39.8
51 31.6 12.4 52.4



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

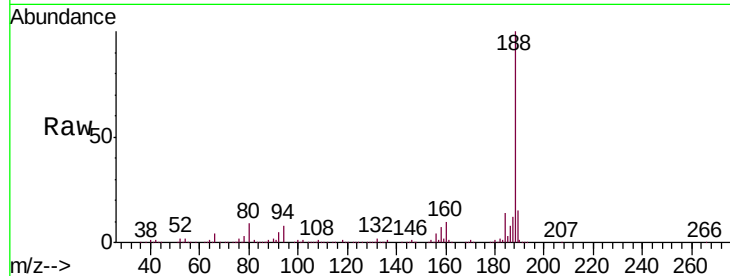




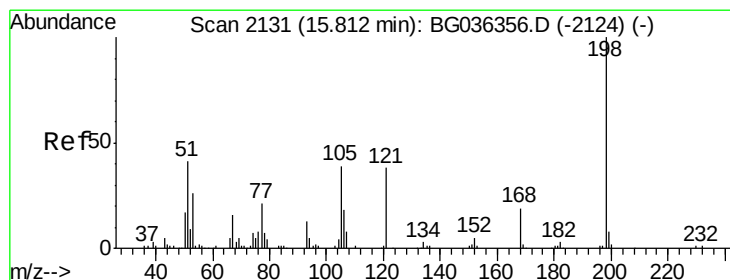
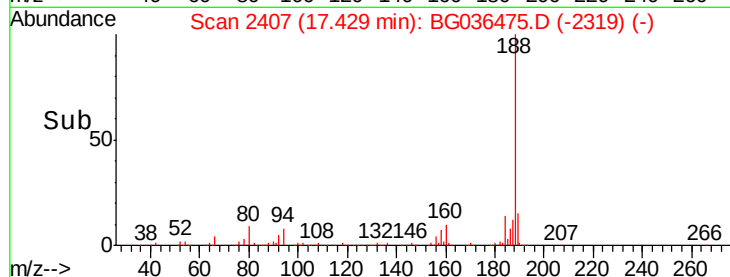
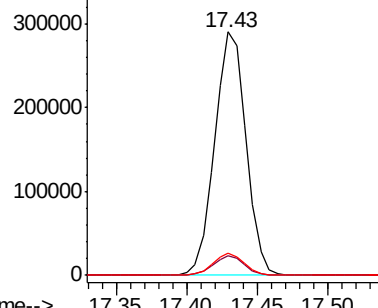
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.2	8.1	12.1

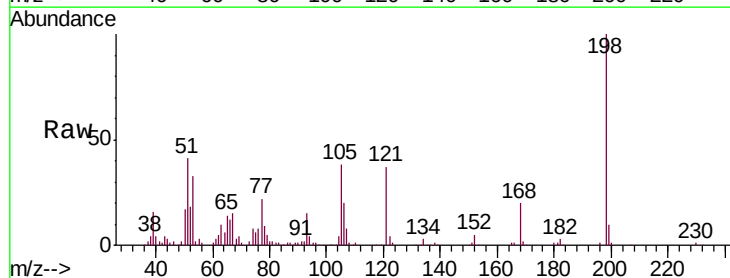


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

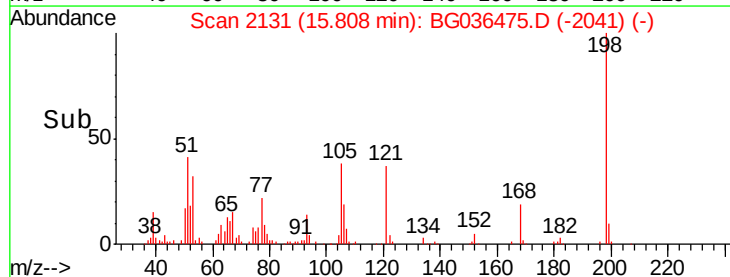
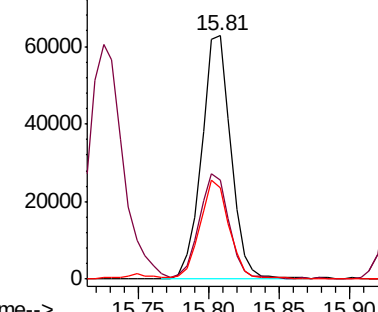


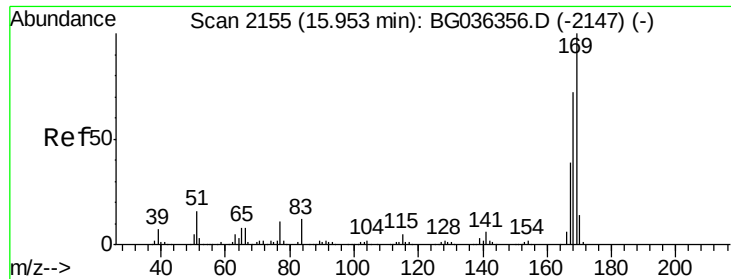
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.702 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.9	26.5	66.5
105	37.6	20.2	60.2



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.678 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

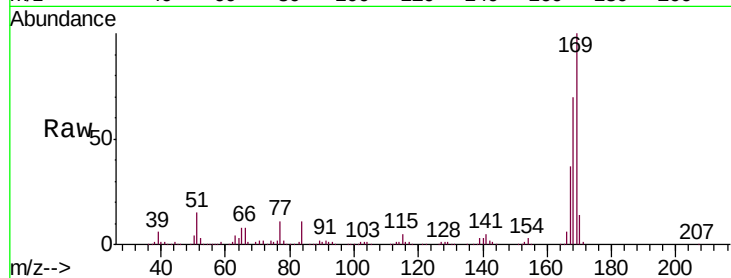
Tgt Ion:169 Resp: 505981

Ion Ratio Lower Upper

169 100

168 69.6 57.6 86.4

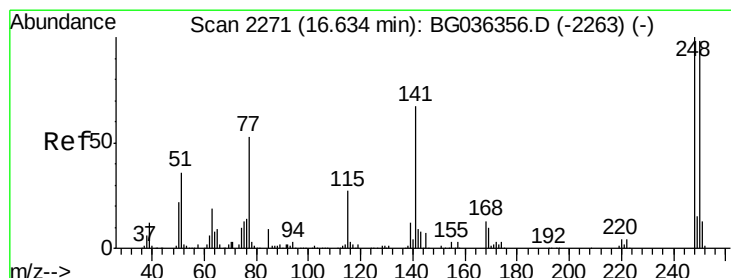
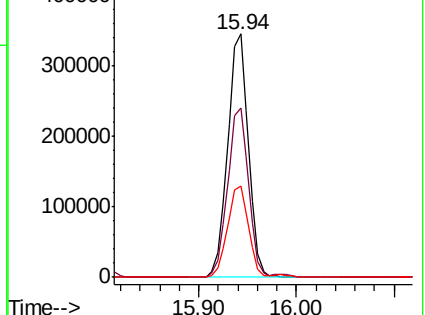
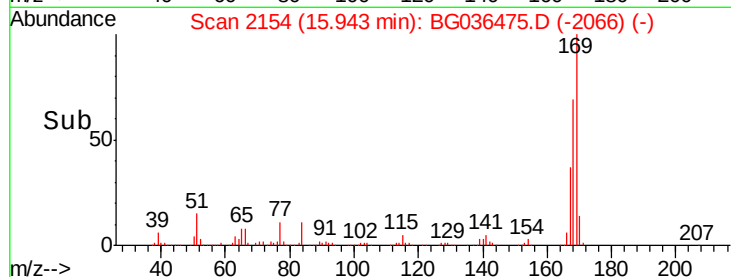
167 37.3 31.0 46.4



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: 38.914 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

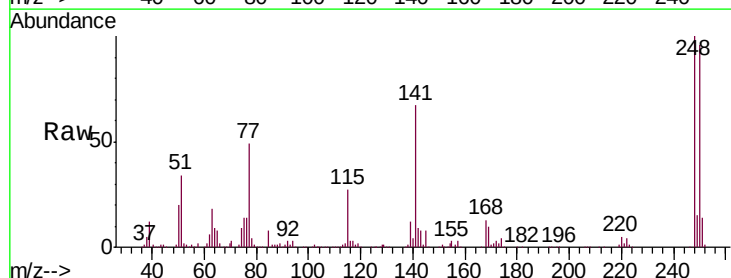
Tgt Ion:248 Resp: 205912

Ion Ratio Lower Upper

248 100

250 96.4 78.1 117.1

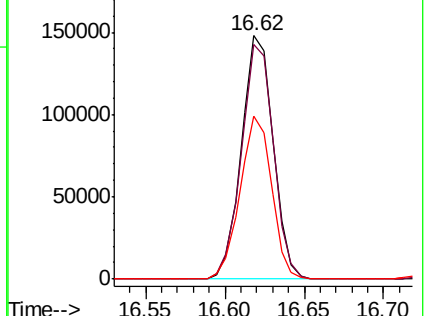
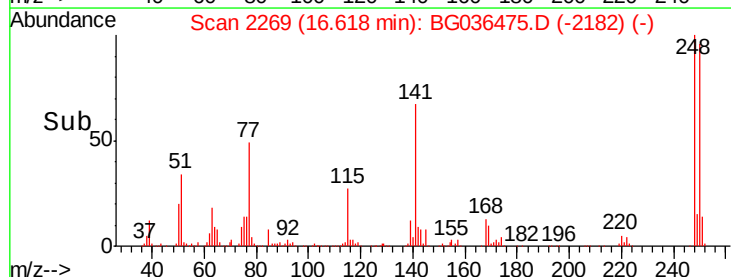
141 67.0 53.7 80.5

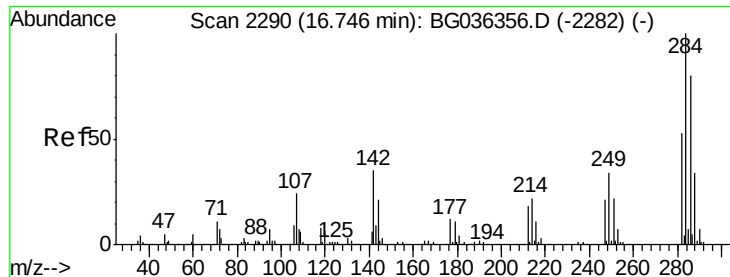


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.638 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

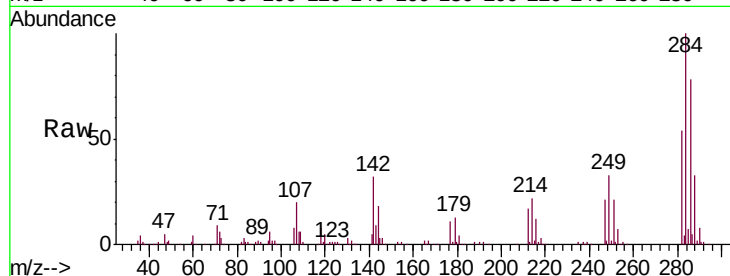
Tgt Ion:284 Resp: 209057

Ion Ratio Lower Upper

284 100

142 31.7 27.8 41.6

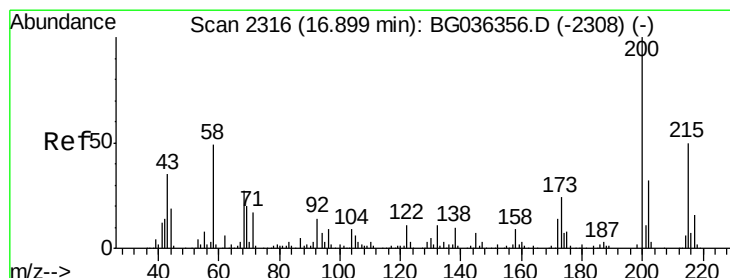
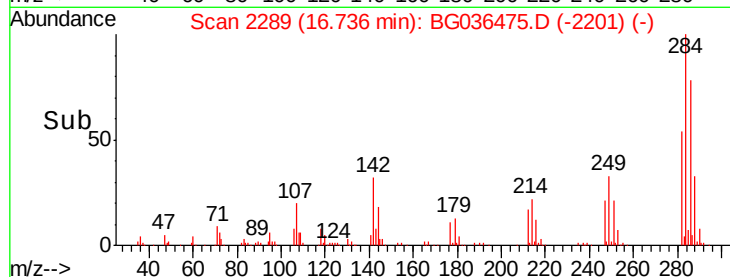
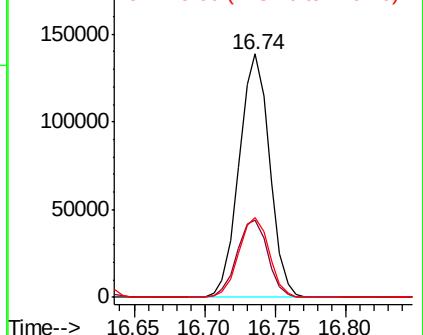
249 32.7 27.4 41.2



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: 42.632 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

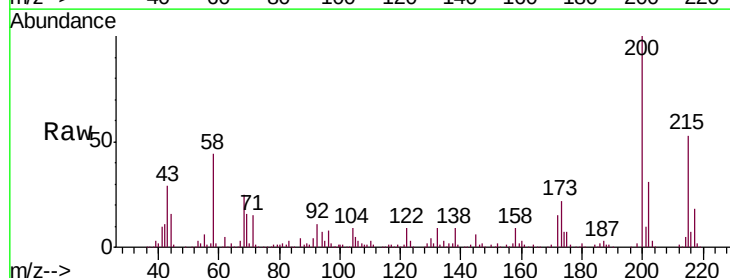
Tgt Ion:200 Resp: 214892

Ion Ratio Lower Upper

200 100

173 22.5 3.9 43.9

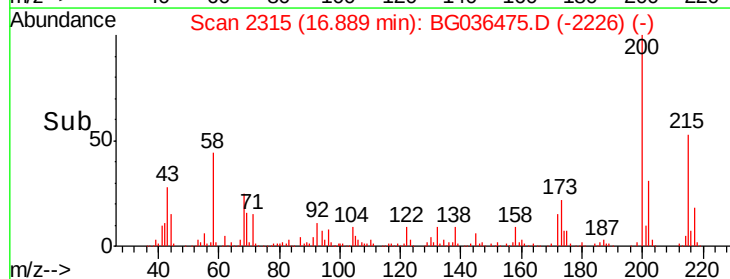
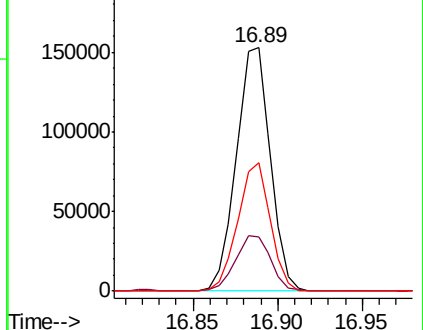
215 52.8 30.4 70.4

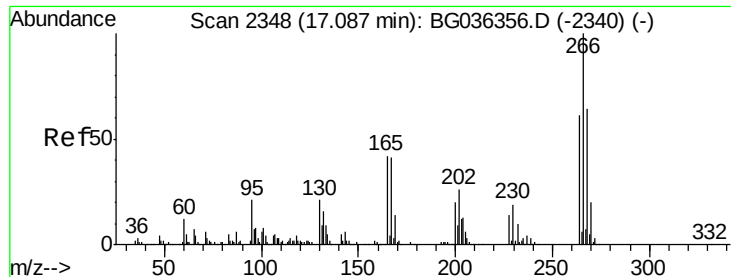


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.738 ng

RT: 17.08 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

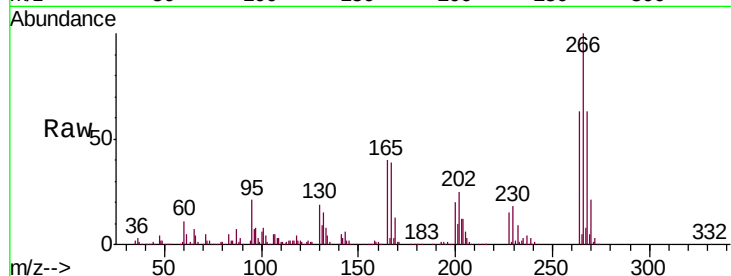
Tgt Ion:266 Resp: 271159

Ion Ratio Lower Upper

266 100

268 62.6 51.4 77.2

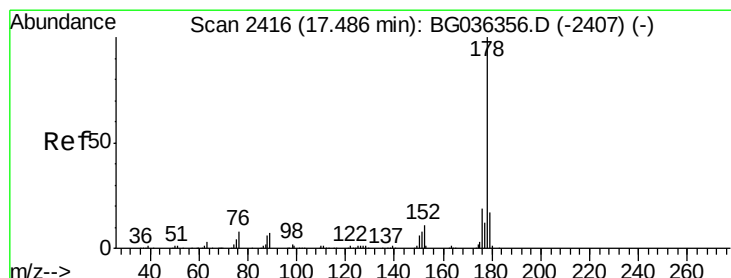
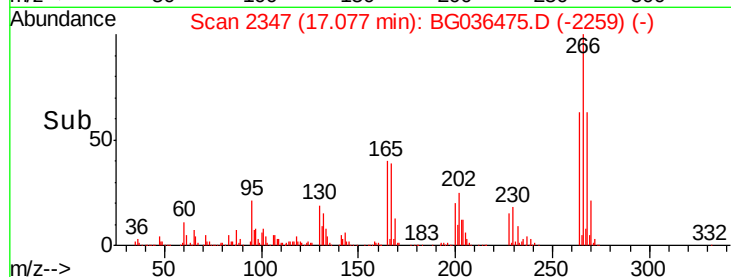
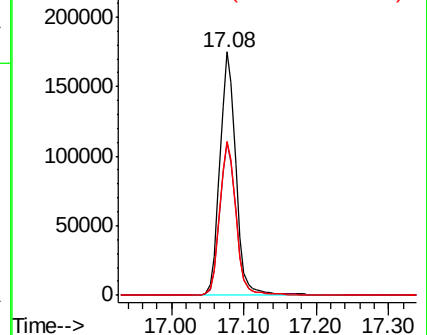
264 63.4 48.9 73.3



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: 40.941 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

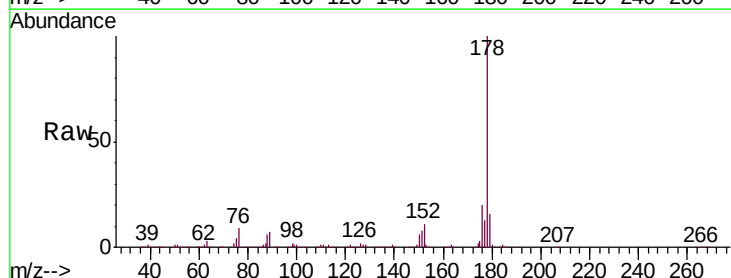
Tgt Ion:178 Resp: 940211

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

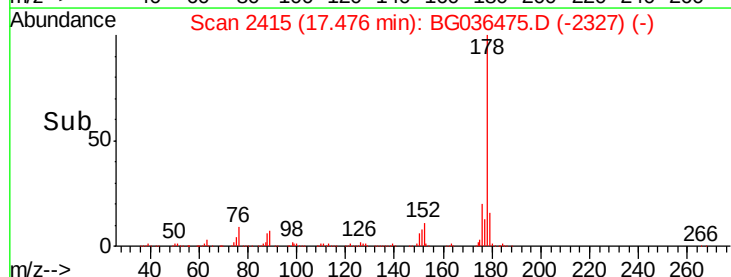
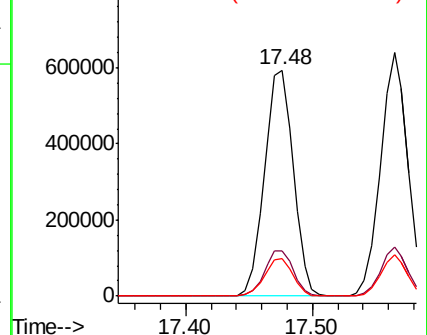
179 16.5 13.4 20.2

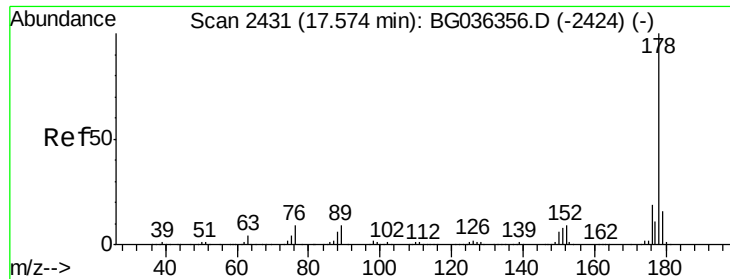


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

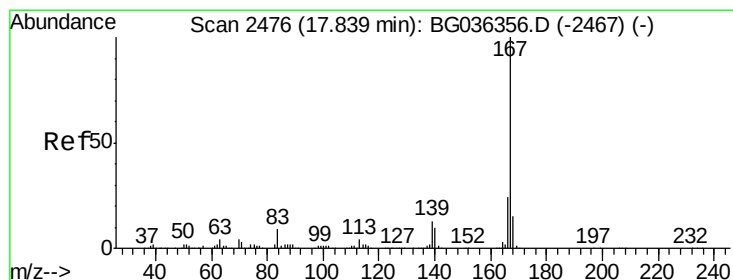
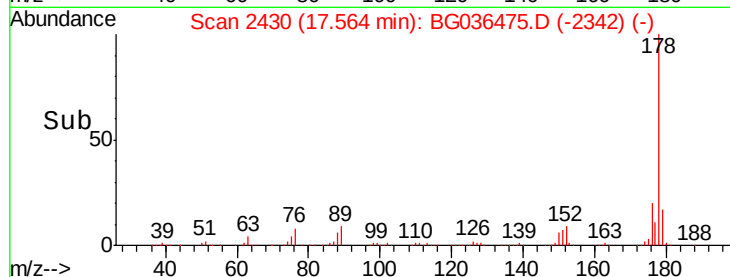
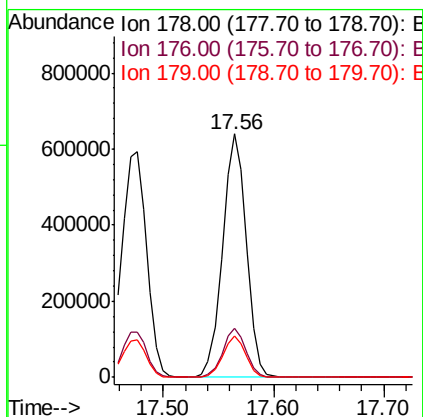
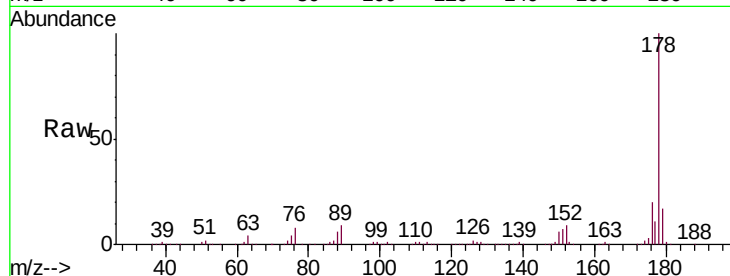




#71
 Anthracene
 Concen: 41.866 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

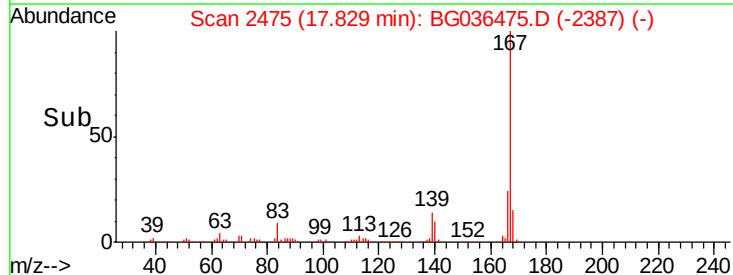
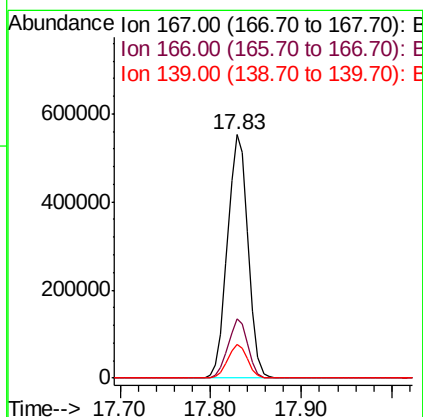
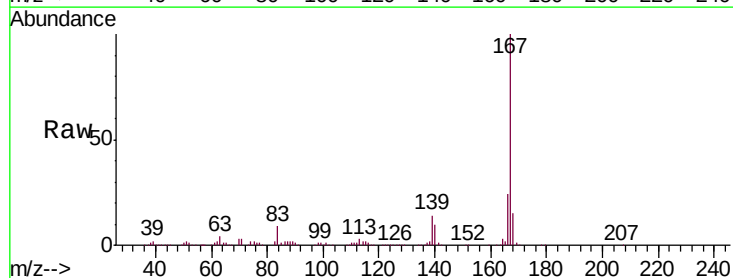
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

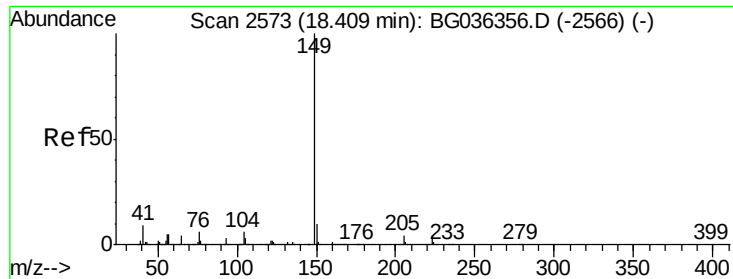
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	17.1	13.0	19.4



#72
 Carbazole
 Concen: 37.998 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	13.8	10.7	16.1

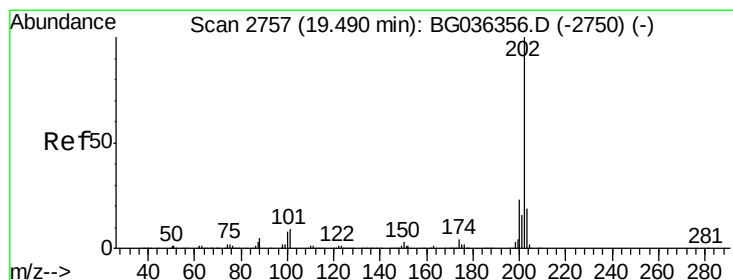
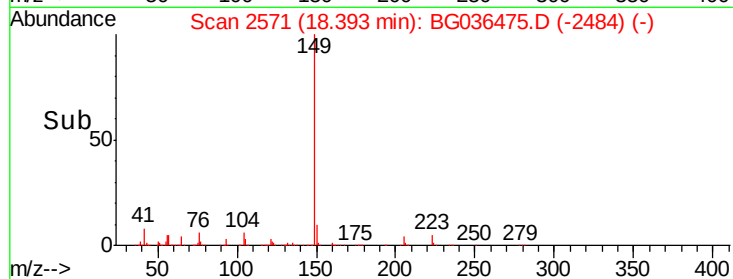
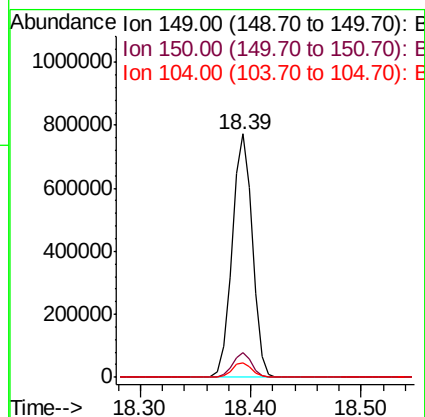
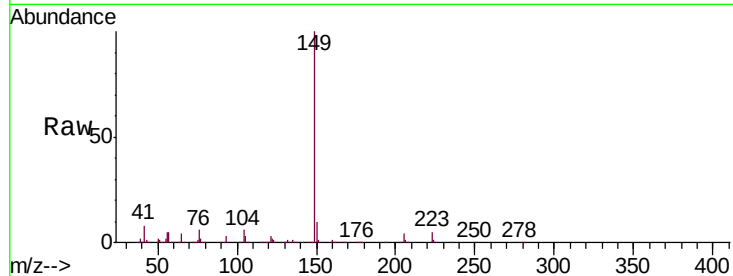




#73
Di-n-butylphthalate
Concen: 38.862 ng
RT: 18.39 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

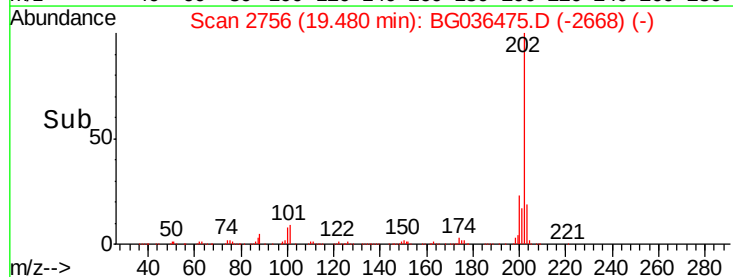
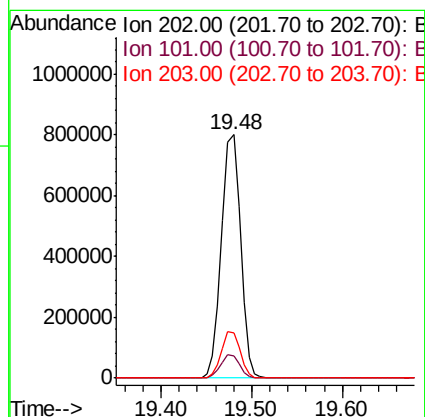
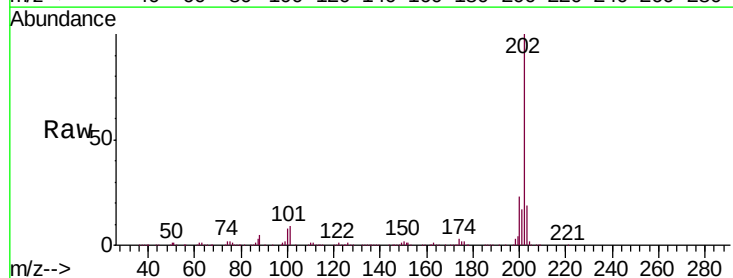
Instrument :
BNA_G
ClientSampleId :
PB112436BS

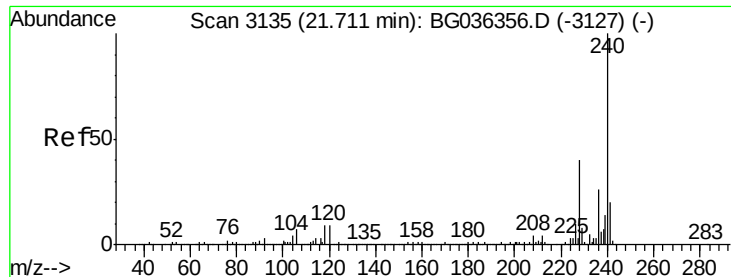
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.1	4.6	6.8



#74
Fluoranthene
Concen: 41.966 ng
RT: 19.48 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.4
203	18.8	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

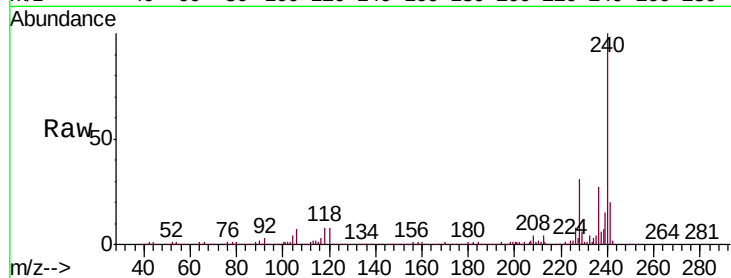
Tgt Ion:240 Resp: 471790

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

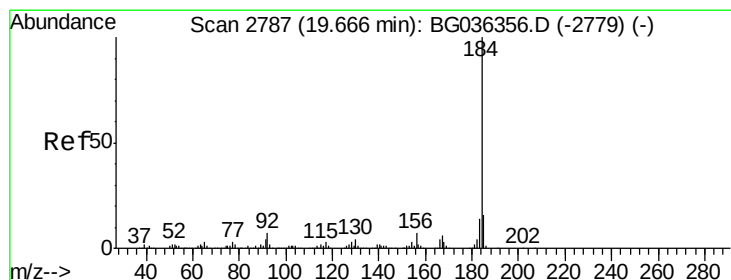
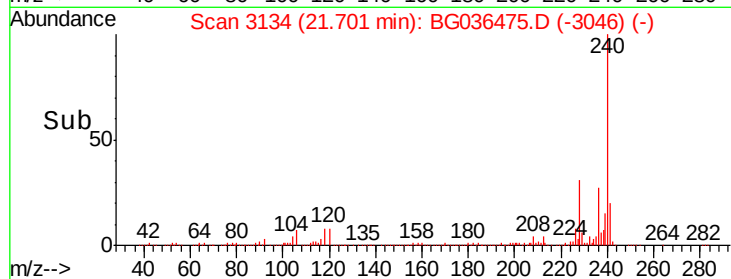
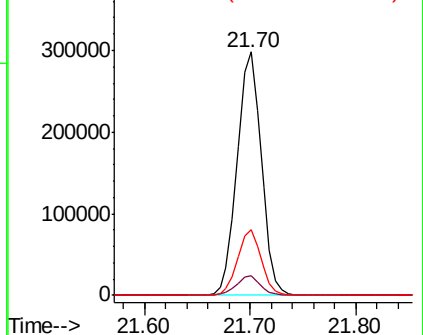
236 26.9 21.2 31.8



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: 41.213 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

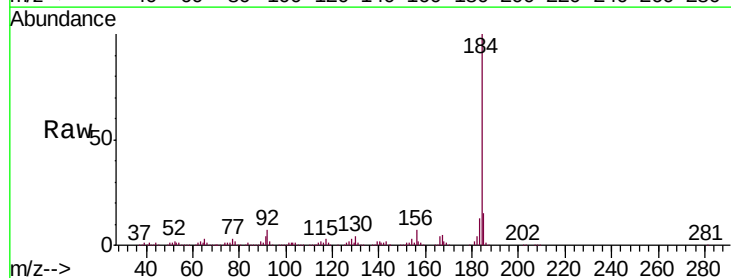
Tgt Ion:184 Resp: 620347

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

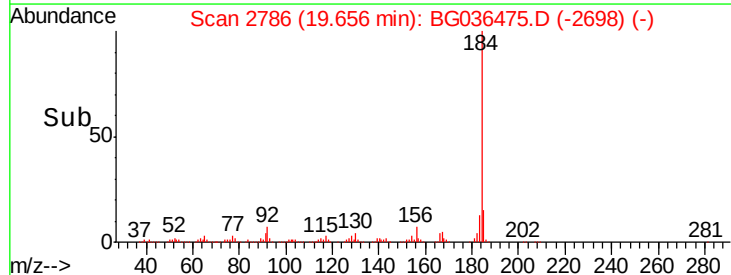
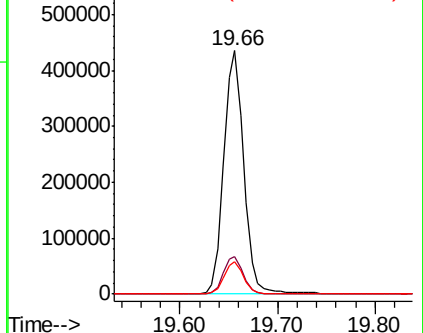
183 13.4 10.9 16.3

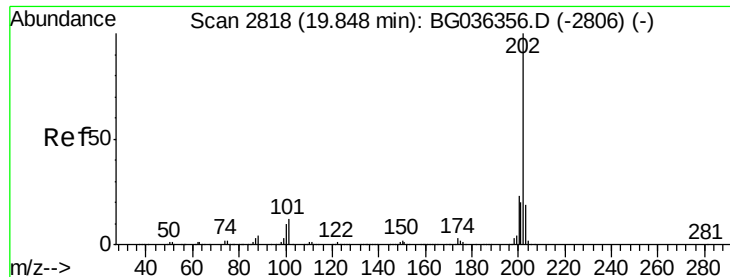


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.800 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

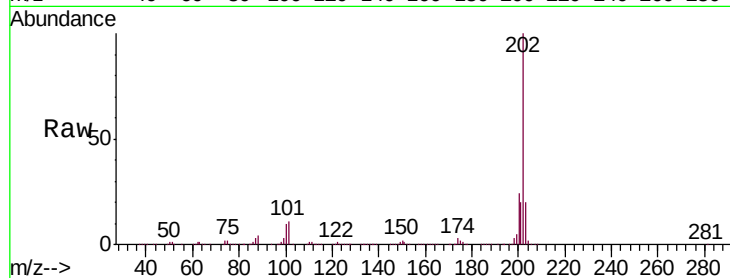
Tgt Ion:202 Resp: 1154681

Ion Ratio Lower Upper

202 100

200 23.8 18.3 27.5

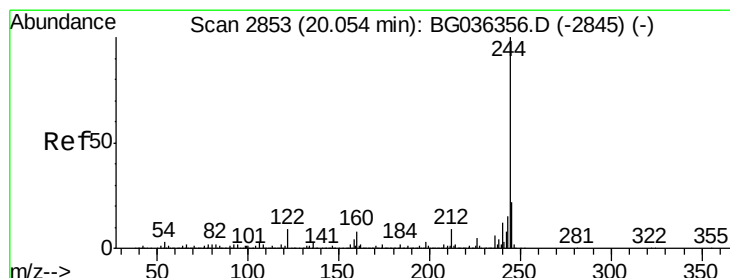
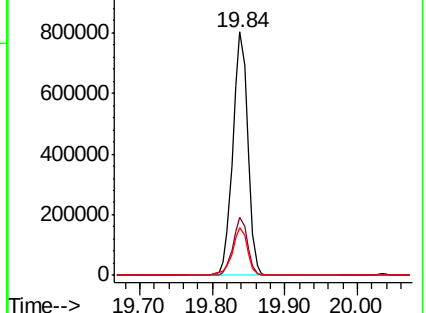
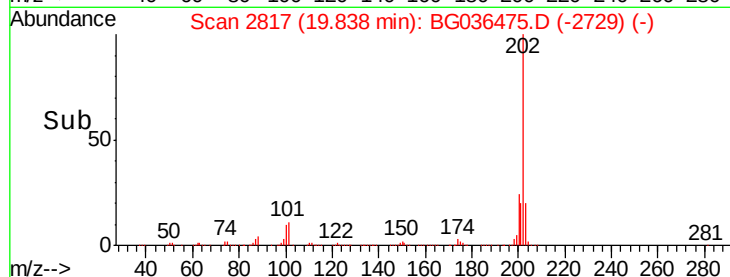
203 19.8 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.748 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

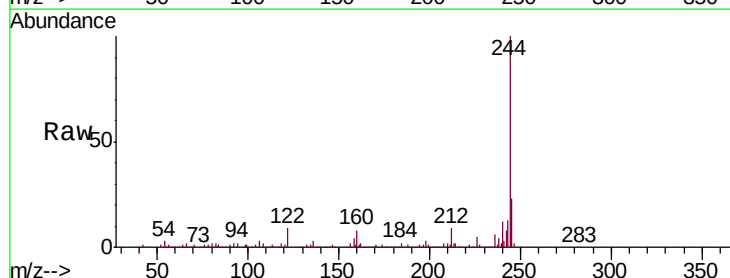
Tgt Ion:244 Resp: 1367491

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

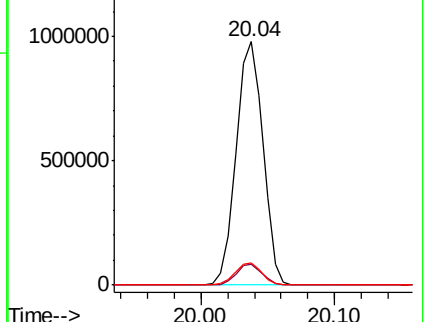
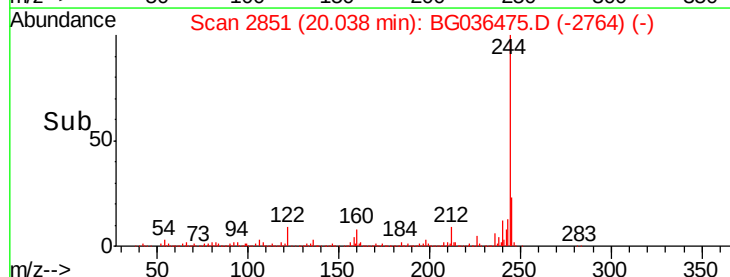
122 9.0 7.1 10.7

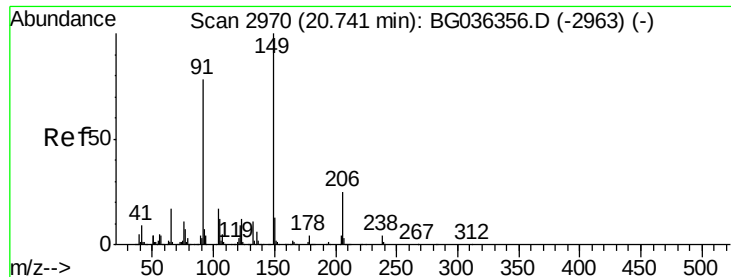


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

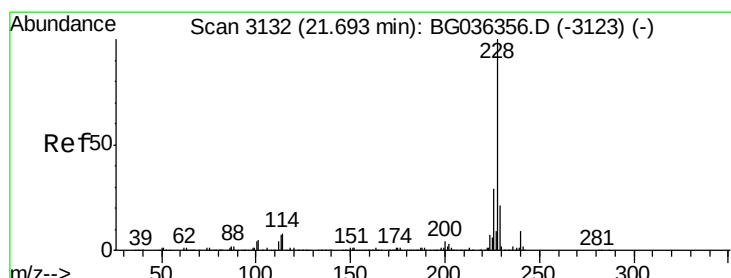
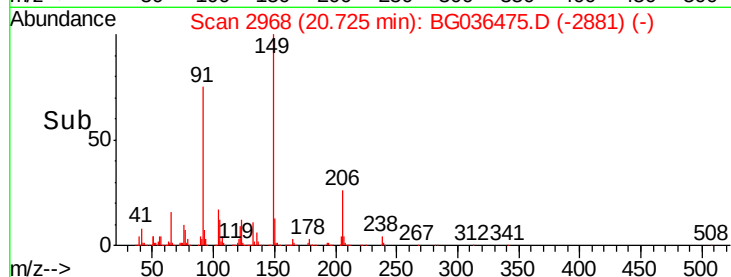
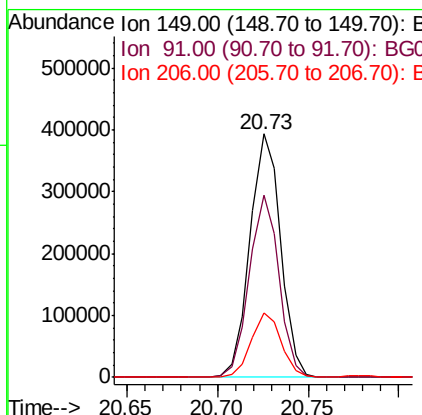
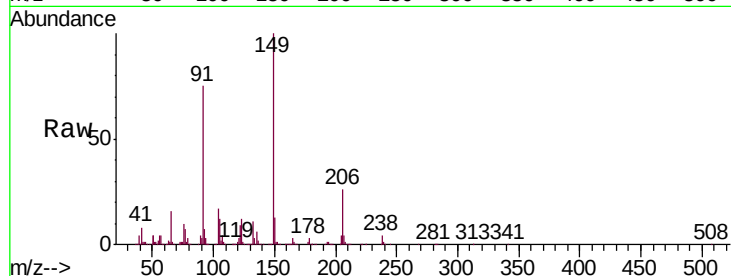




#79
Butylbenzylphthalate
Concen: 40.060 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

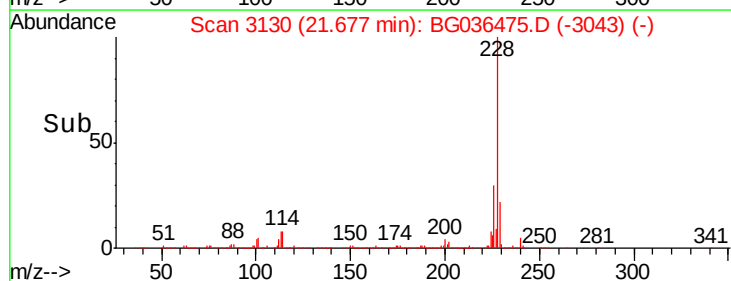
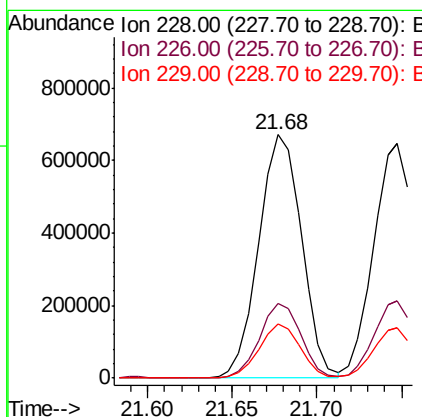
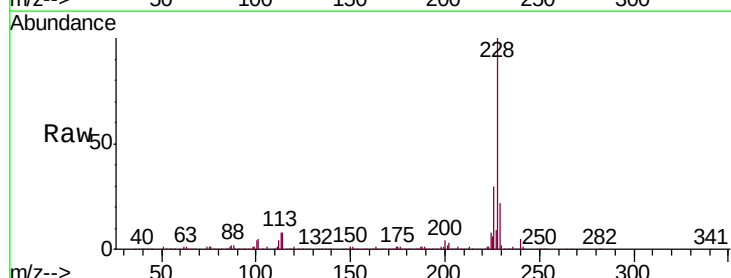
Instrument :
BNA_G
ClientSampleId :
PB112436BS

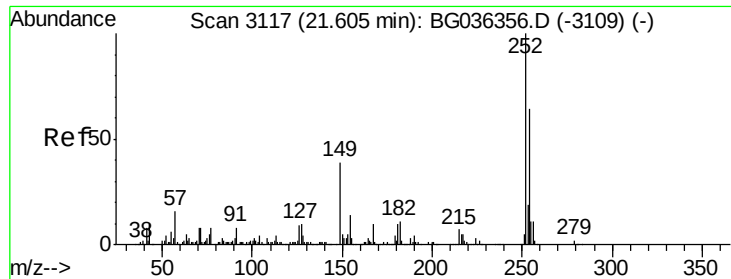
Tgt Ion:149 Resp: 462540
Ion Ratio Lower Upper
149 100
91 74.7 62.0 93.0
206 26.4 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.151 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:228 Resp: 1176164
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 22.3 17.1 25.7

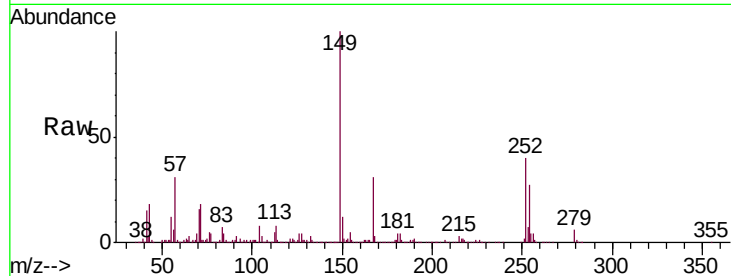




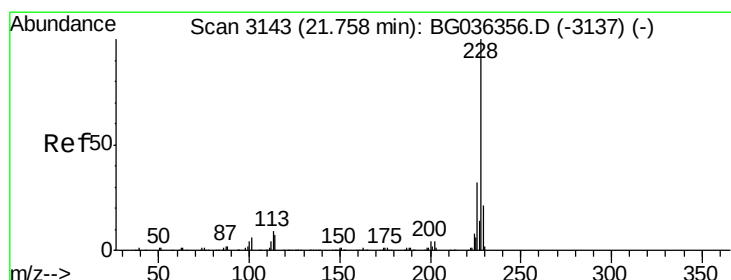
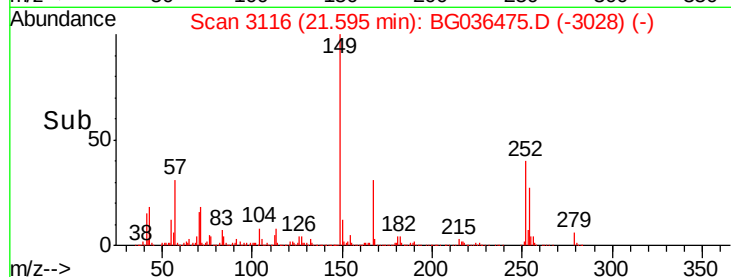
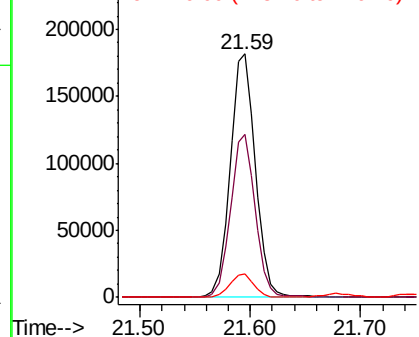
#81
 3,3'-Dichlorobenzidine
 Concen: 25.454 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion:252 Resp: 289946
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.0 76.4
 126 9.4 7.4 11.0

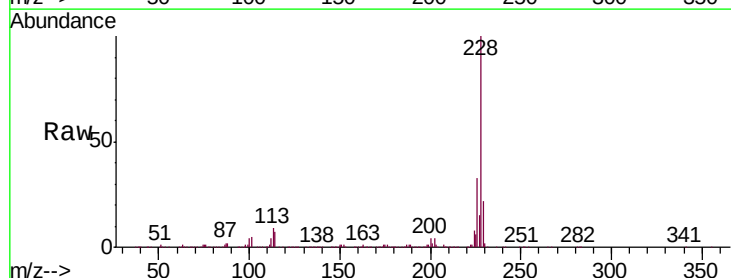


Abundance Ion 252.00 (251.70 to 252.70): E
 250000 Ion 254.00 (253.70 to 254.70): E
 200000 Ion 126.00 (125.70 to 126.70): E

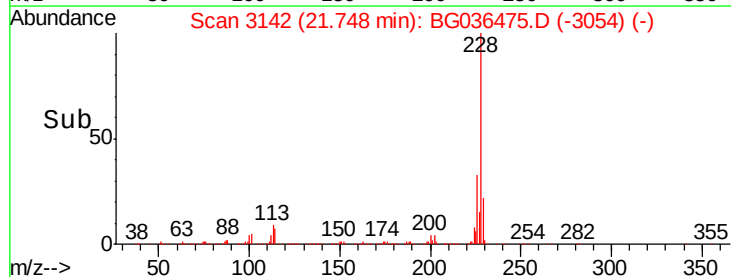
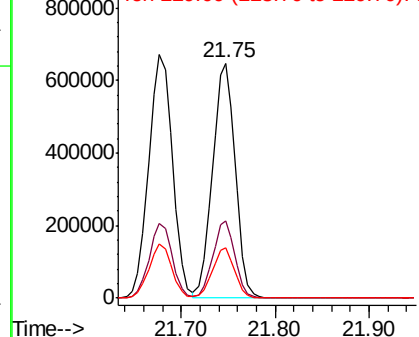


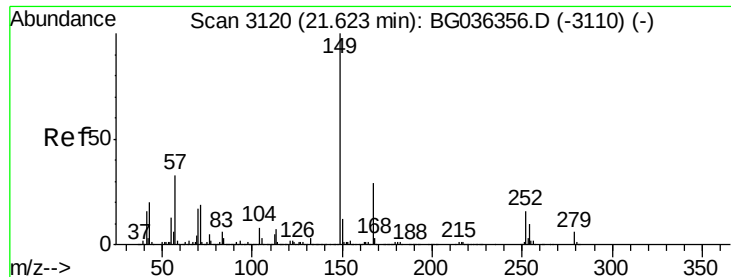
#82
 Chrysene
 Concen: 40.369 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion:228 Resp: 1093672
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 21.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 800000 Ion 226.00 (225.70 to 226.70): E
 600000 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.259 ng

RT: 21.59 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

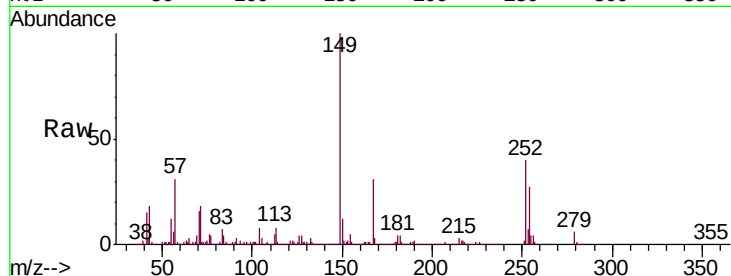
Tgt Ion:149 Resp: 634313

Ion Ratio Lower Upper

149 100

167 30.6 23.4 35.0

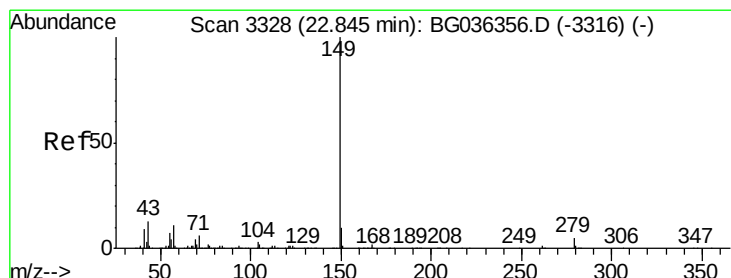
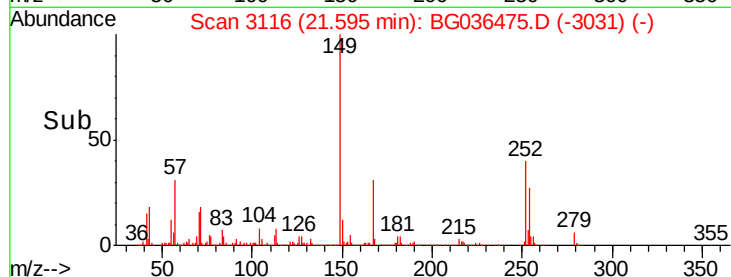
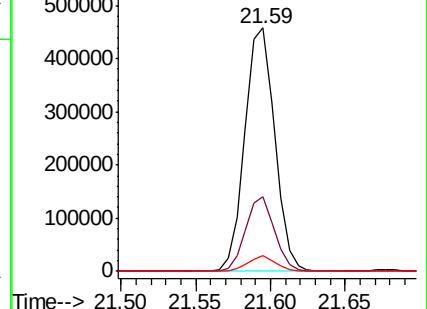
279 6.2 4.6 7.0



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: 40.233 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.03 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

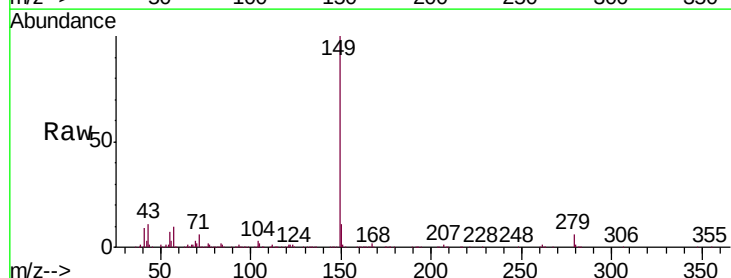
Tgt Ion:149 Resp: 1085776

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

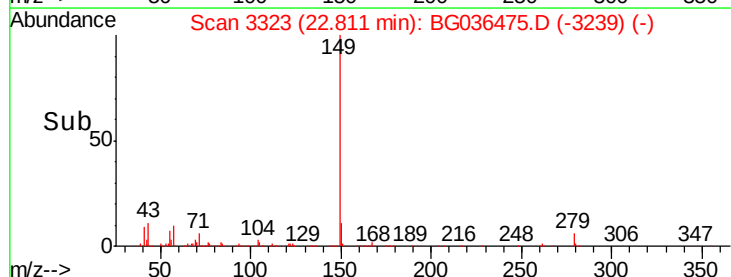
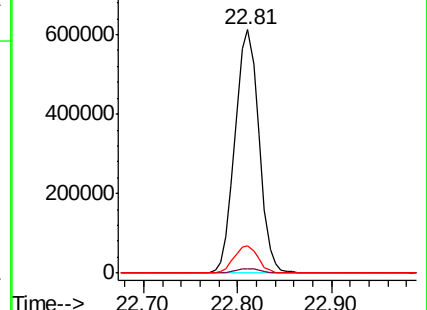
43 11.2 10.0 15.0

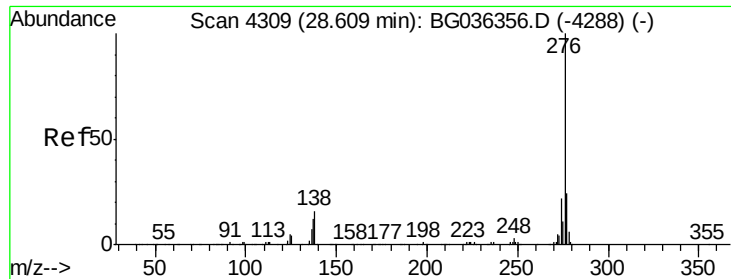


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

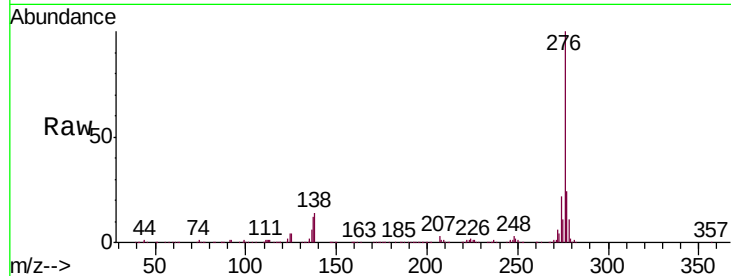




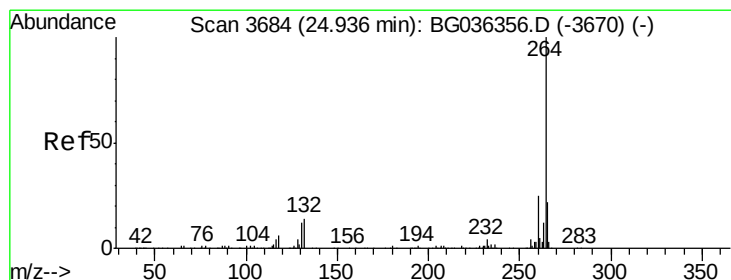
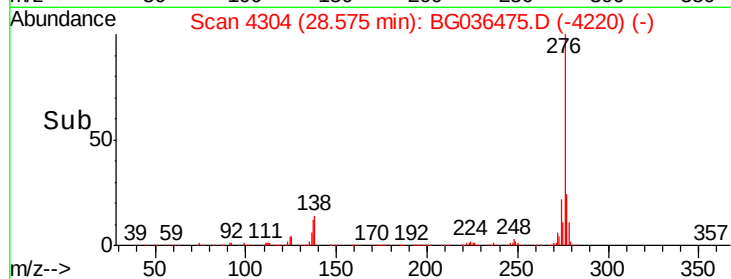
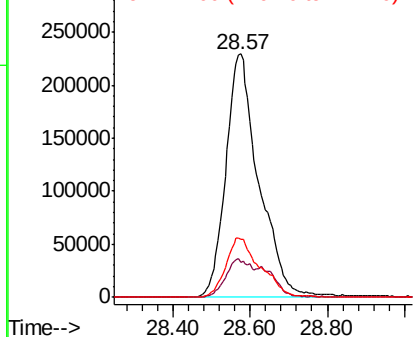
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.596 ng
 RT: 28.57 min Scan# 4304
 Delta R.T. -0.03 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BS

Tgt Ion:276 Resp: 1371814
 Ion Ratio Lower Upper
 276 100
 138 12.1 10.6 15.8
 277 25.5 20.6 30.8

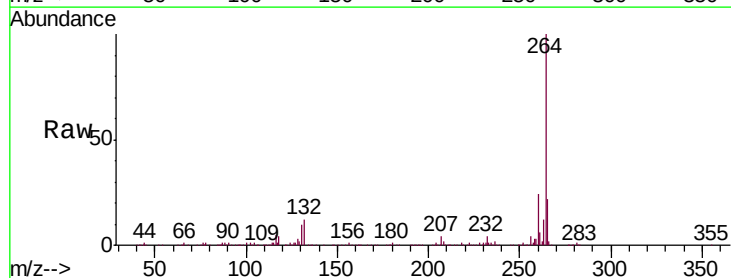


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

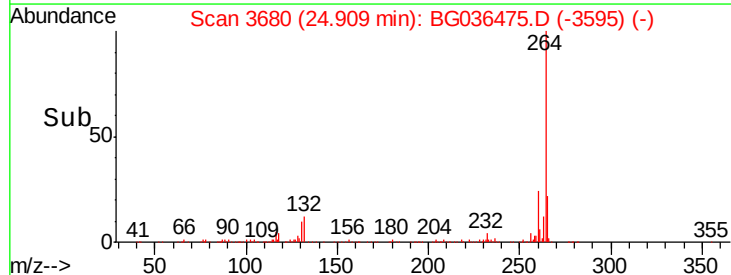
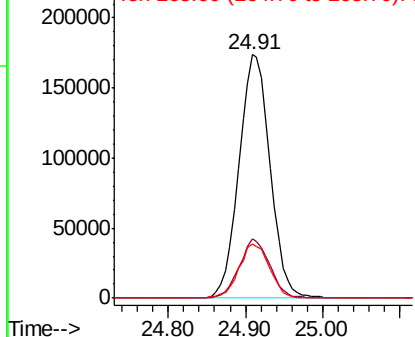


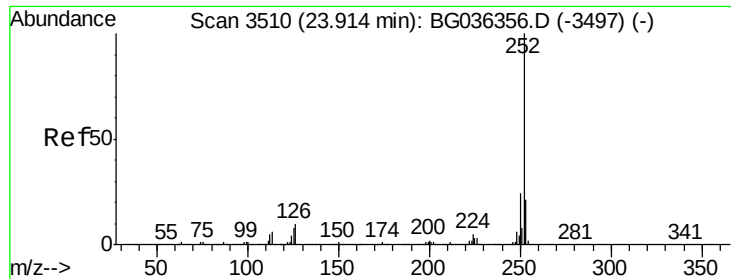
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.03 min
 Lab File: BG036475.D
 Acq: 29 Aug 2018 2:09

Tgt Ion:264 Resp: 491575
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 22.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

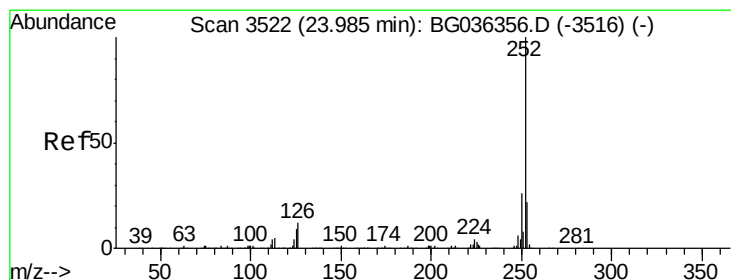
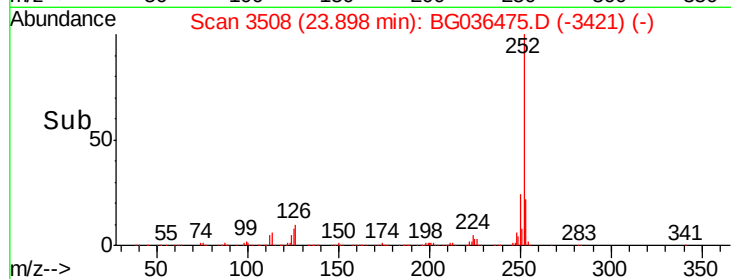
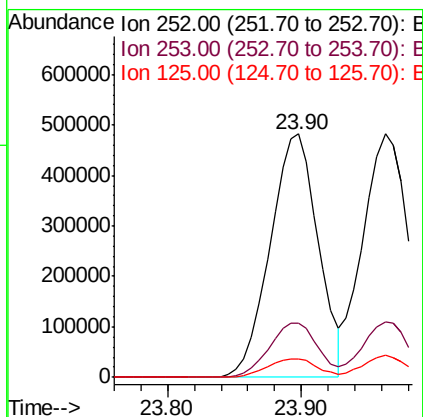
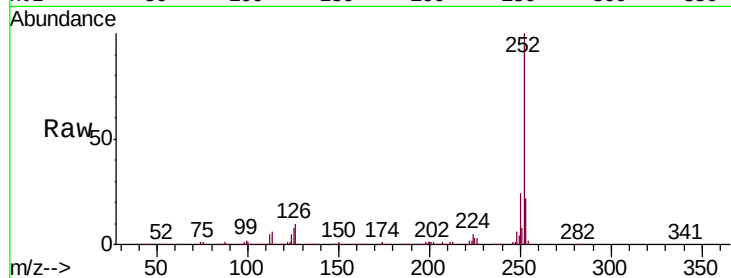




#87
Benzo(b)fluoranthene
Concen: 44.074 ng
RT: 23.90 min Scan# 3508
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

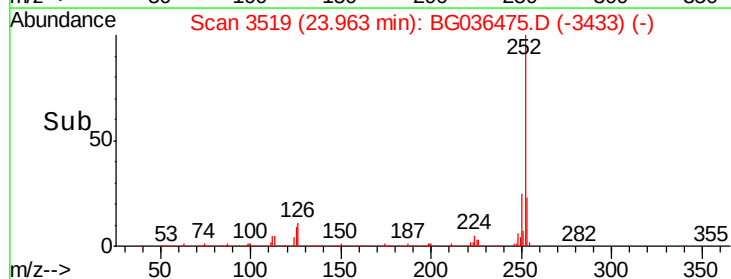
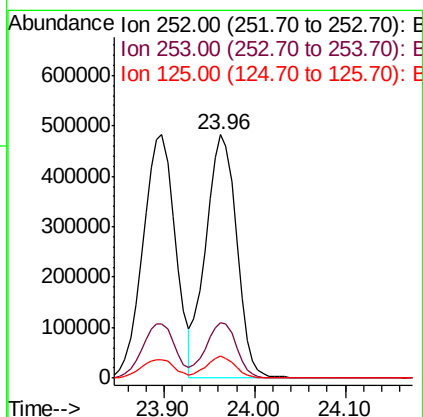
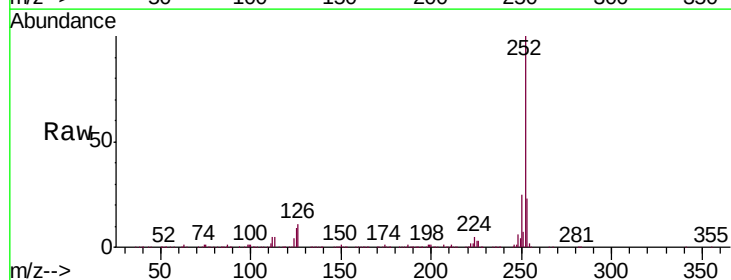
Instrument :
BNA_G
ClientSampleId :
PB112436BS

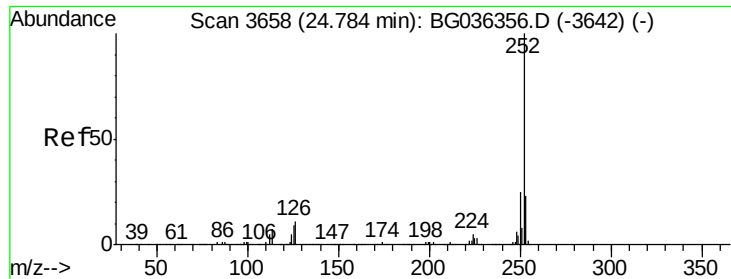
Tgt Ion:252 Resp: 1203096
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 7.7 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.770 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BG036475.D
Acq: 29 Aug 2018 2:09

Tgt Ion:252 Resp: 1140605
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 9.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 44.043 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.02 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS

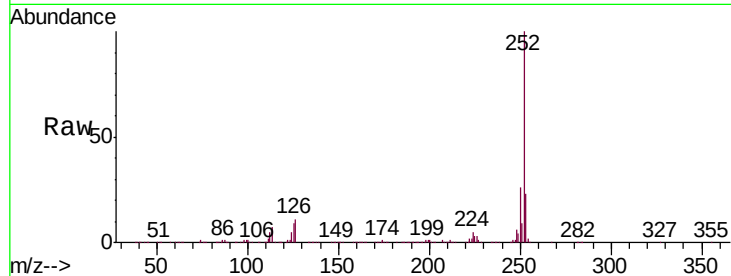
Tgt Ion:252 Resp: 1155292

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

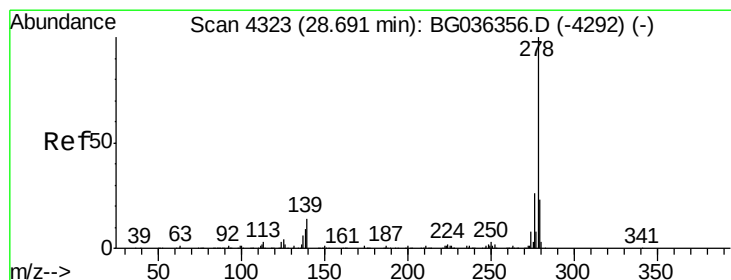
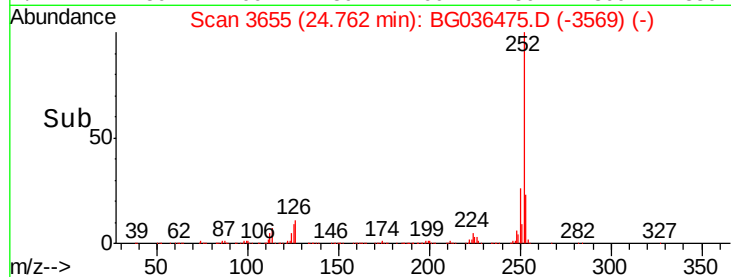
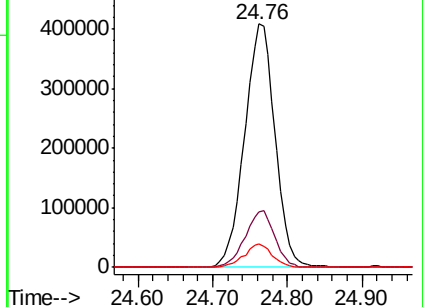
125 9.5 7.3 10.9



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: 43.077 ng

RT: 28.65 min Scan# 4316

Delta R.T. -0.05 min

Lab File: BG036475.D

Acq: 29 Aug 2018 2:09

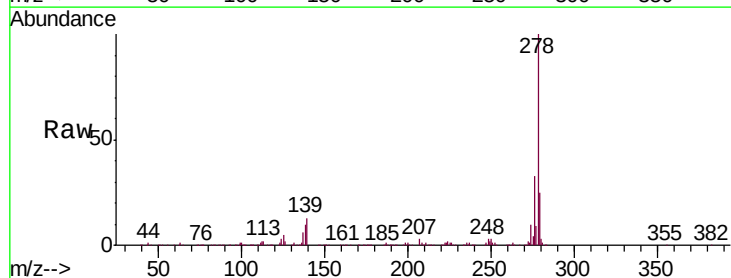
Tgt Ion:278 Resp: 1090828

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

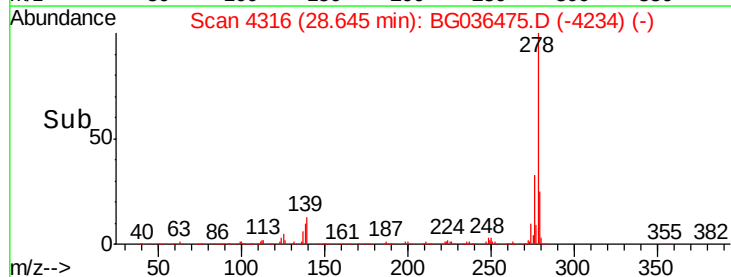
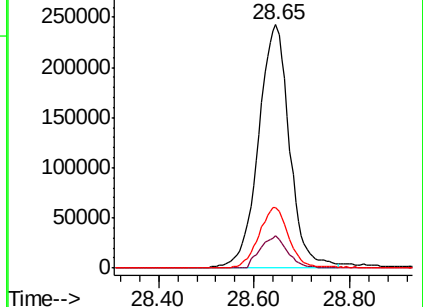
279 25.1 18.7 28.1

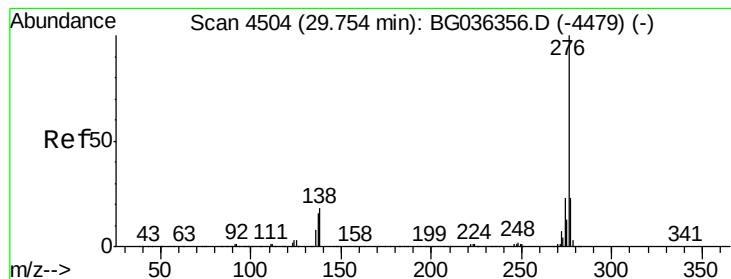


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.003 ng

RT: 29.71 min Scan# 4498

Delta R.T. -0.04 min

Lab File: BG036475.D

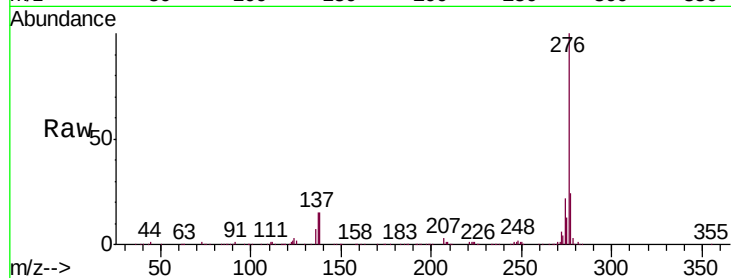
Acq: 29 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB112436BS



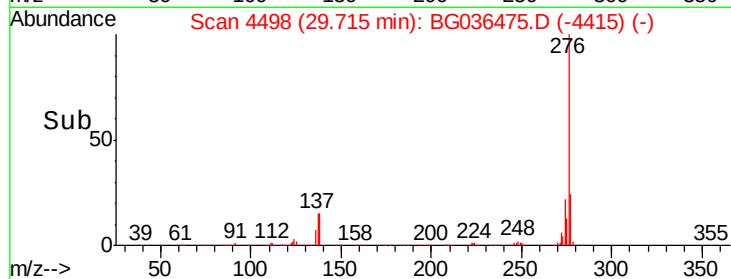
Tgt Ion: 276 Resp: 1119783

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 15.5 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

