

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036456.D
 Acq On : 28 Aug 2018 8:21
 Operator : JU/SJ
 Sample : PB112355BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 09:17:56 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	55273	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246083	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	161897	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	422812	20.00	ng	0.00
75) Chrysene-d12	21.70	240	444492	20.00	ng	0.00
86) Perylene-d12	24.92	264	468454	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	396272	113.73	ng	0.00
7) Phenol-d6	7.22	99	535864	107.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	300171	66.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220220	114.00	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	729008	64.29	ng	-0.02
78) Terphenyl-d14	20.04	244	1286104	67.63	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	59871	36.818	ng	94
3) Pyridine	3.93	79	169451	37.124	ng	96
4) n-Nitrosodimethylamine	3.84	42	84080	41.357	ng	89
6) Aniline	7.38	93	188668	29.794	ng	97
8) 2-Chlorophenol	7.62	128	167771	44.400	ng	99
9) Benzaldehyde	7.20	77	106165	30.903	ng	94
10) Phenol	7.25	94	232794	44.591	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	158696	38.342	ng	97
12) 1,3-Dichlorobenzene	7.95	146	166817	38.663	ng	100
13) 1,4-Dichlorobenzene	8.10	146	171363	39.338	ng	98
14) 1,2-Dichlorobenzene	8.42	146	161517	38.824	ng	96
15) Benzyl Alcohol	8.30	79	164182	40.824	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	293894	35.210	ng	98
17) 2-Methylphenol	8.50	107	154305	44.512	ng	99
18) Hexachloroethane	9.15	117	61537	39.400	ng	88
19) n-Nitroso-di-n-propylamine	8.87	70	129703	34.787	ng	97
20) 3+4-Methylphenols	8.82	107	212855	43.980	ng	98
22) Acetophenone	8.88	105	252230	39.033	ng	99
24) Nitrobenzene	9.26	77	195894	40.054	ng	98
25) Isophorone	9.79	82	369203	40.977	ng	99
26) 2-Nitrophenol	9.98	139	86675	44.723	ng	94
27) 2,4-Dimethylphenol	10.03	122	171537	47.807	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	219072	39.617	ng	98
29) 2,4-Dichlorophenol	10.51	162	181821	46.237	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	182285	39.625	ng	99
31) Naphthalene	10.92	128	510962	41.537	ng	99
32) Benzoic acid	10.16	122	108814	41.567	ng	96
33) 4-Chloroaniline	11.02	127	136281	24.176	ng	98
34) Hexachlorobutadiene	11.21	225	119279	38.591	ng	94
35) Caprolactam	11.80	113	50399	32.173	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	200098	43.792	ng	99
37) 2-Methylnaphthalene	12.52	142	391657	43.513	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226165	39.475	ng	99
40) Hexachlorocyclopentadiene	12.86	237	261467	87.712	ng	98

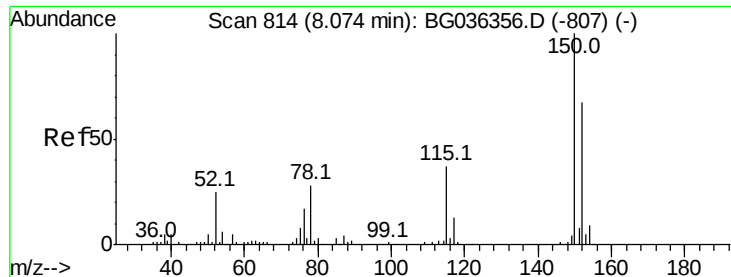
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036456.D
 Acq On : 28 Aug 2018 8:21
 Operator : JU/SJ
 Sample : PB112355BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 09:17:56 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)
42) 2,4,6-Trichlorophenol	13.12	196	155499	44.555	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	172141	46.243	ng	99
45) 1,1'-Biphenyl	13.52	154	514184	38.261	ng	97
46) 2-Chloronaphthalene	13.56	162	393720	38.377	ng	98
47) 2-Nitroaniline	13.76	65	139162	43.196	ng	97
48) Acenaphthylene	14.41	152	671045	41.852	ng	99
49) Dimethylphthalate	14.14	163	528881	40.007	ng	98
50) 2,6-Dinitrotoluene	14.26	165	117415	43.163	ng	94
51) Acenaphthene	14.75	154	419728	40.875	ng	98
52) 3-Nitroaniline	14.59	138	98278	33.525	ng	99
53) 2,4-Dinitrophenol	14.79	184	58813	57.079	ng	98
54) Dibenzofuran	15.09	168	632604	39.322	ng	100
55) 4-Nitrophenol	14.89	139	207355	86.512	ng	96
56) 2,4-Dinitrotoluene	15.04	165	165885	46.790	ng	88
57) Fluorene	15.73	166	510666	42.462	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	170033	48.616	ng	97
59) Diethylphthalate	15.50	149	526652	39.530	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	289799	39.023	ng	98
61) 4-Nitroaniline	15.75	138	134133	43.726	ng	98
62) Azobenzene	16.02	77	524845	38.718	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	63589	34.237	ng	96
65) n-Nitrosodiphenylamine	15.94	169	474954	37.805	ng	96
66) 4-Bromophenyl-phenylether	16.62	248	192481	38.883	ng	98
67) Hexachlorobenzene	16.74	284	191515	37.835	ng	97
68) Atrazine	16.89	200	200991	42.623	ng	98
69) Pentachlorophenol	17.08	266	235089	68.336	ng	98
70) Phenanthrene	17.48	178	883585	41.127	ng	98
71) Anthracene	17.57	178	905098	42.263	ng	99
72) Carbazole	17.83	167	815618	38.134	ng	99
73) Di-n-butylphthalate	18.39	149	939138	39.432	ng	100
74) Fluoranthene	19.48	202	1115562	42.589	ng	99
76) Benzidine	19.66	184	542942	38.286	ng	99
77) Pyrene	19.84	202	1105061	40.429	ng	99
79) Butylbenzylphthalate	20.73	149	440097	40.458	ng	95
80) Benzo(a)anthracene	21.68	228	1117929	41.515	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	264222	24.620	ng	99
82) Chrysene	21.75	228	1028091	40.279	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	605366	39.769	ng	98
84) Di-n-octyl phthalate	22.81	149	1033647	40.654	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1293330	43.626	ng	99
87) Benzo(b)fluoranthene	23.89	252	1113815	42.817	ng	96
88) Benzo(k)fluoranthene	23.96	252	1073252	42.231	ng	99
89) Benzo(a)pyrene	24.76	252	1094214	43.774	ng	99
90) Dibenzo(a,h)anthracene	28.65	278	1040818	43.130	ng	97
91) Benzo(g,h,i)perylene	29.72	276	1079612	44.519	ng	98

(#) = 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: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

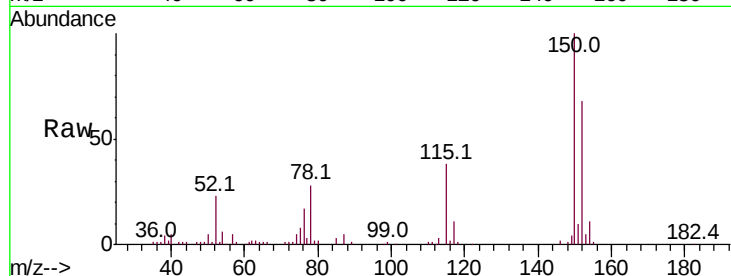
Tot Ion:152 Resp: 55273

Ion Ratio Lower Upper

152 100

150 146.8 119.5 179.3

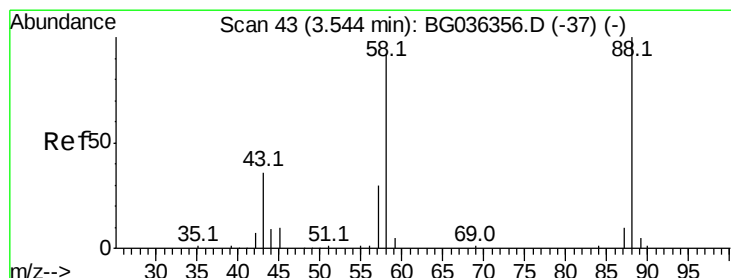
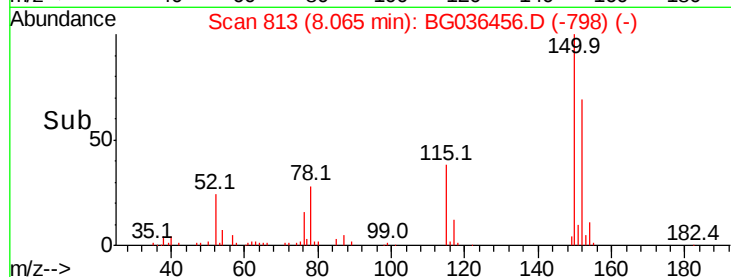
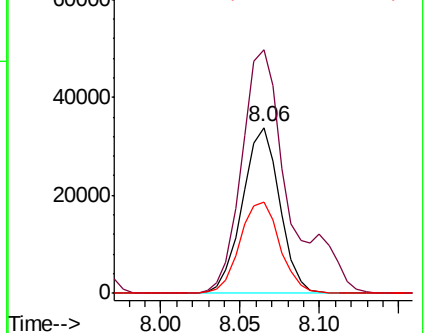
115 55.2 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.818 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

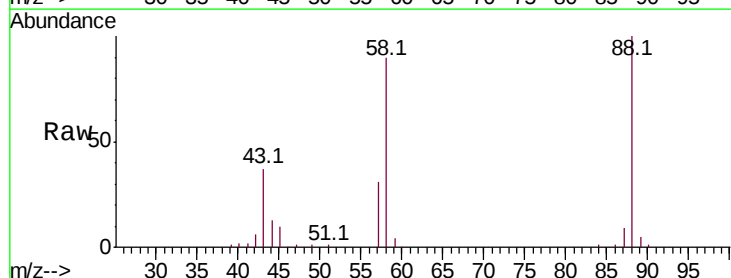
Tgt Ion: 88 Resp: 59871

Ion Ratio Lower Upper

88 100

58 84.9 72.6 109.0

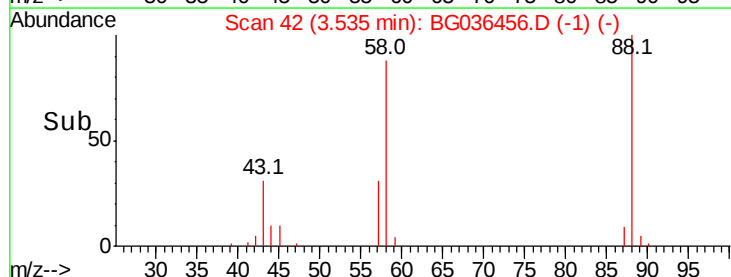
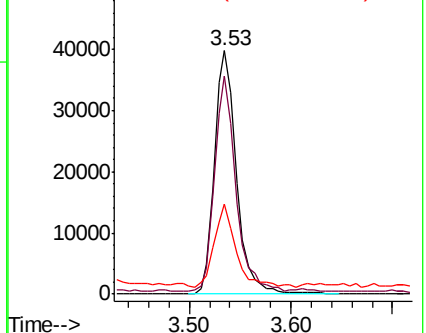
43 33.7 29.0 43.4

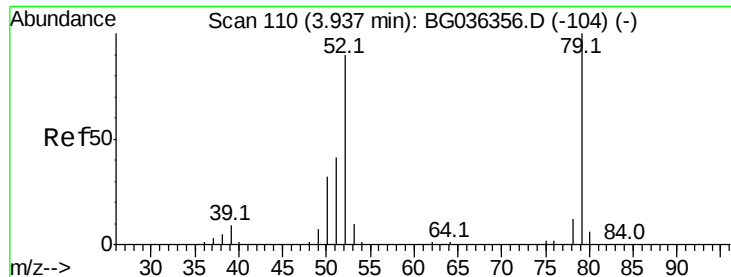


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.124 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

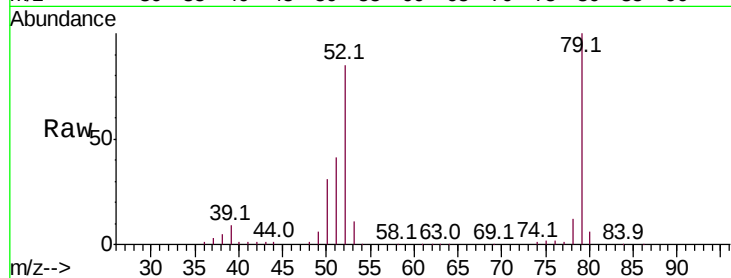
Tot Ion: 79 Resp: 169451

Ion Ratio Lower Upper

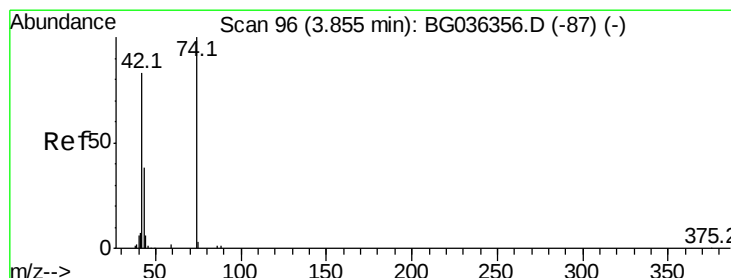
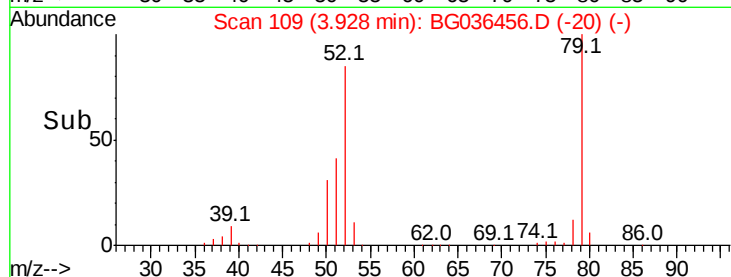
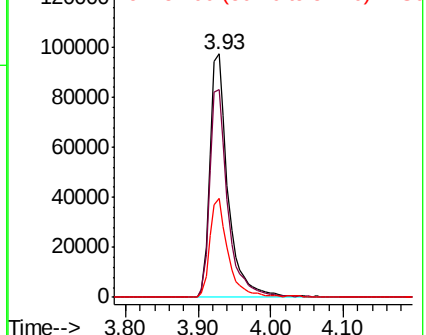
79 100

52 85.4 72.3 108.5

51 40.9 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: 41.357 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

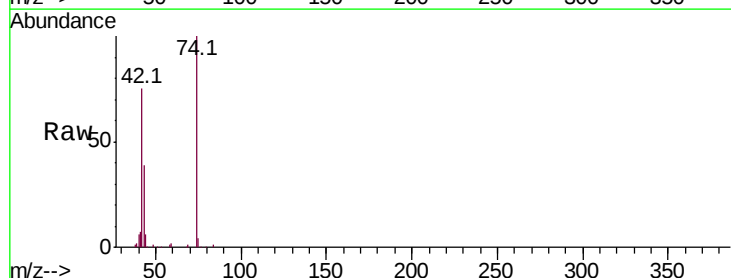
Tgt Ion: 42 Resp: 84080

Ion Ratio Lower Upper

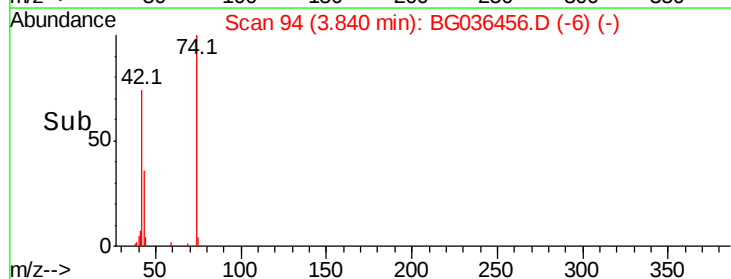
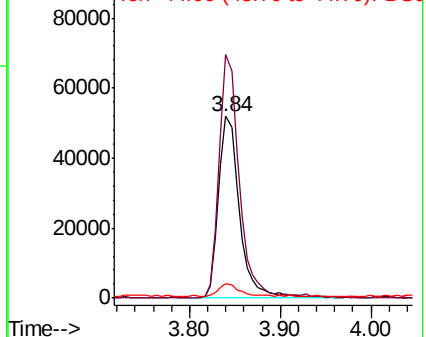
42 100

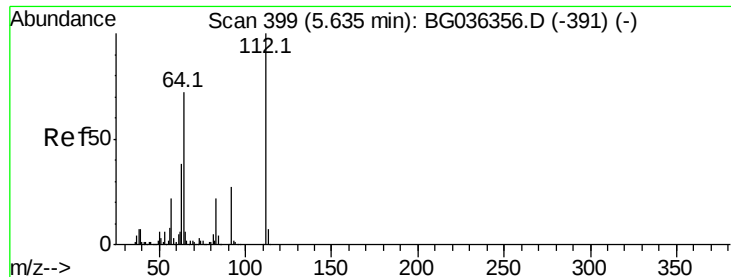
74 134.0 96.6 145.0

44 7.9 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: 113.727 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

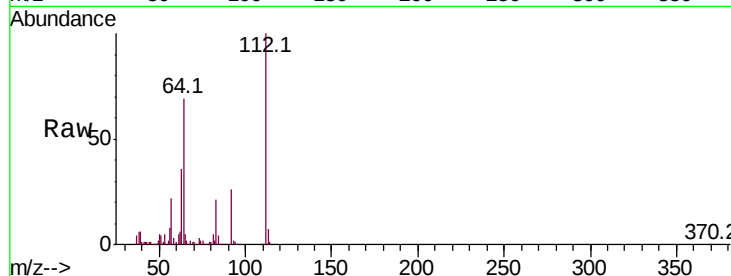
Tot Ion:112 Resp: 396272

Ion Ratio Lower Upper

112 100

64 69.3 57.2 85.8

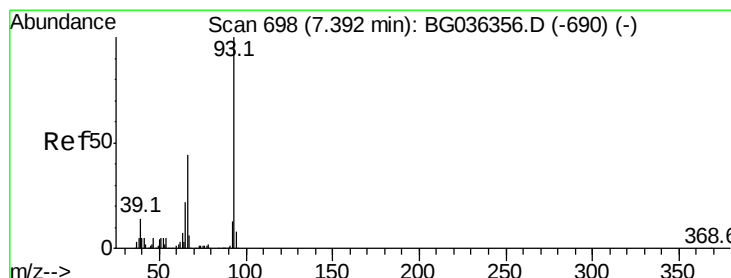
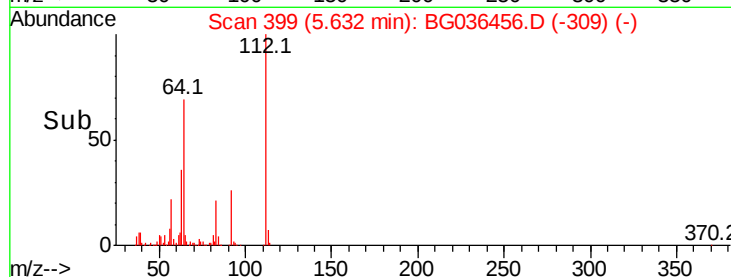
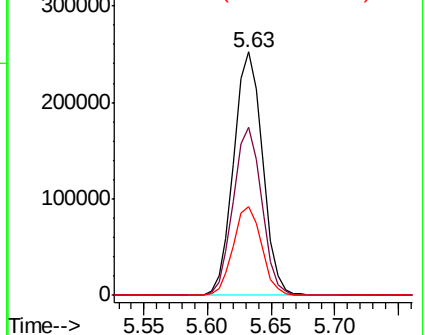
63 36.4 30.8 46.2



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: 29.794 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

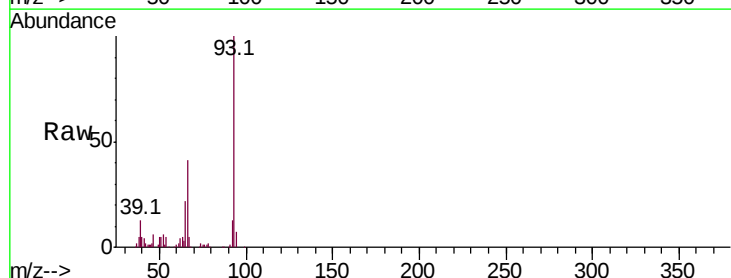
Tgt Ion: 93 Resp: 188668

Ion Ratio Lower Upper

93 100

66 40.9 35.0 52.4

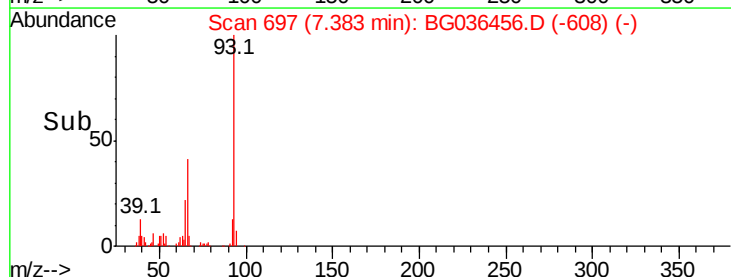
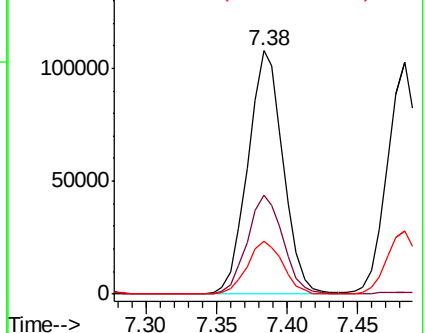
65 21.9 17.6 26.4

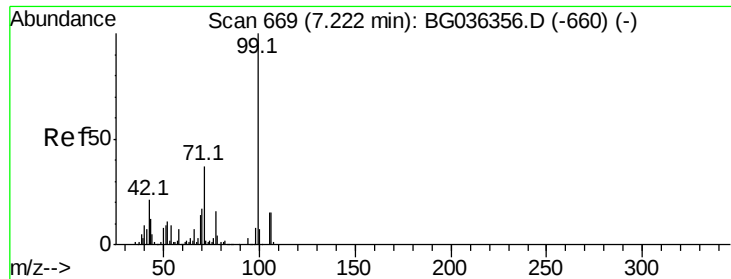


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.413 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

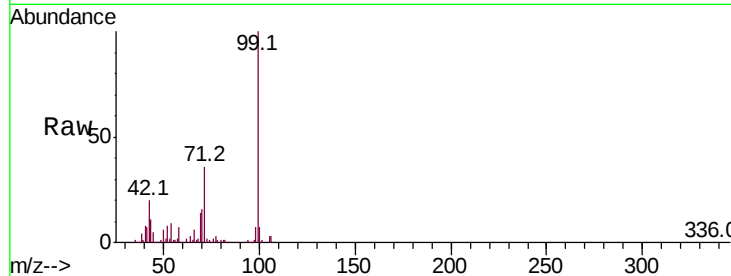
Tot Ion: 99 Resp: 535864

Ion Ratio Lower Upper

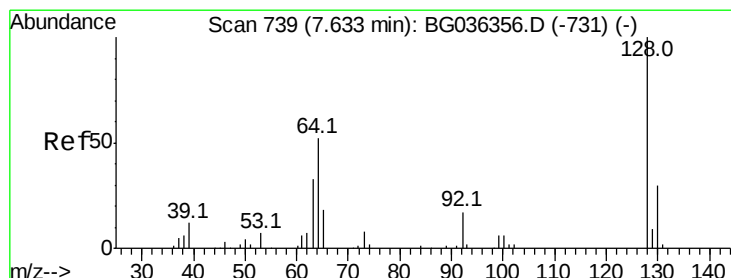
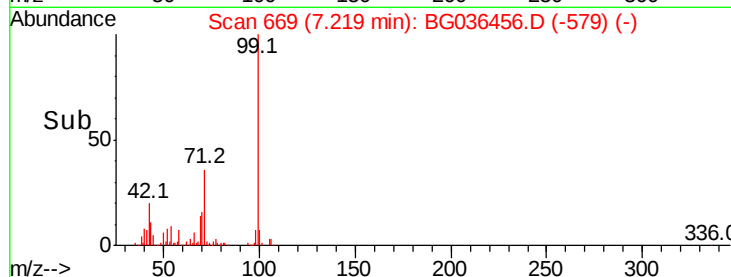
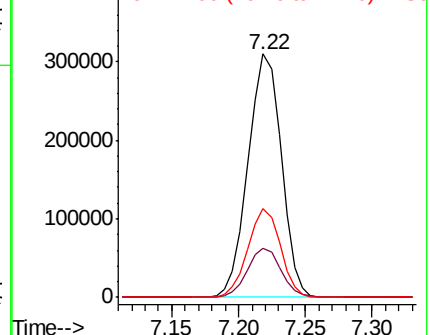
99 100

42 20.2 16.5 24.7

71 36.4 29.4 44.2



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



#8

2-Chlorophenol

Concen: 44.400 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

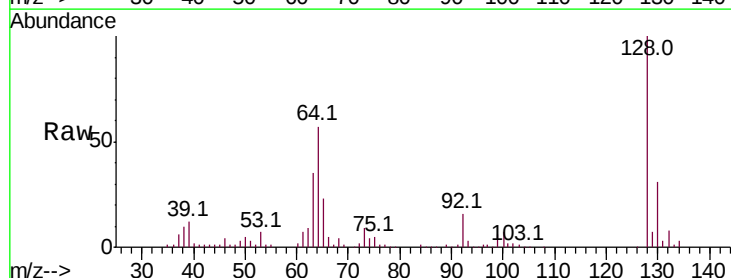
Tgt Ion: 128 Resp: 167771

Ion Ratio Lower Upper

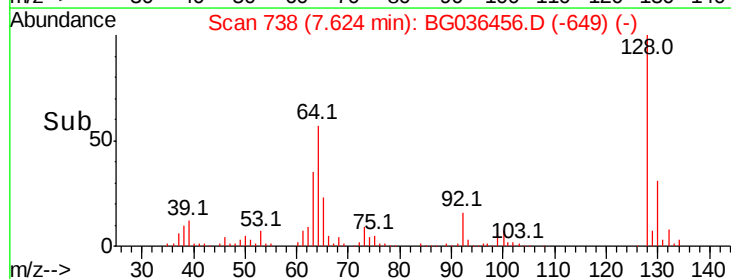
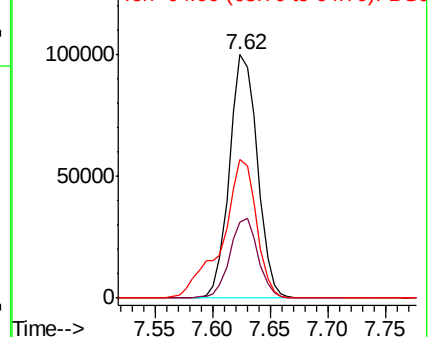
128 100

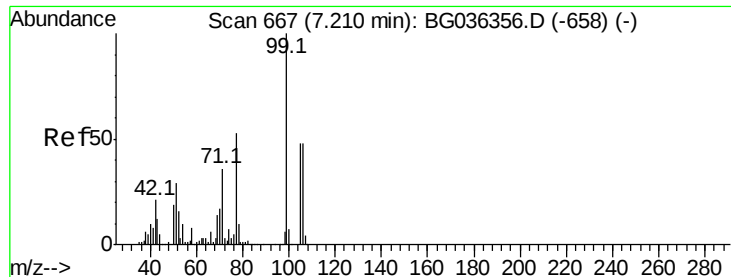
130 31.0 10.0 50.0

64 56.9 36.0 76.0



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





#9

Benzaldehyde

Concen: 30.903 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

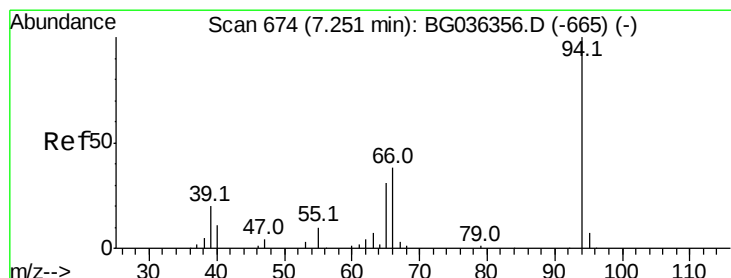
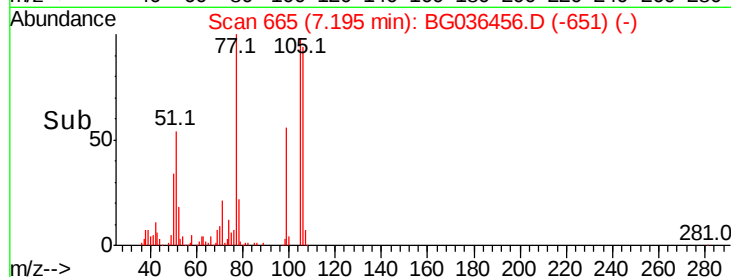
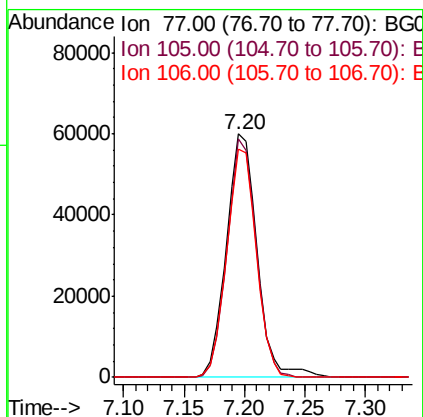
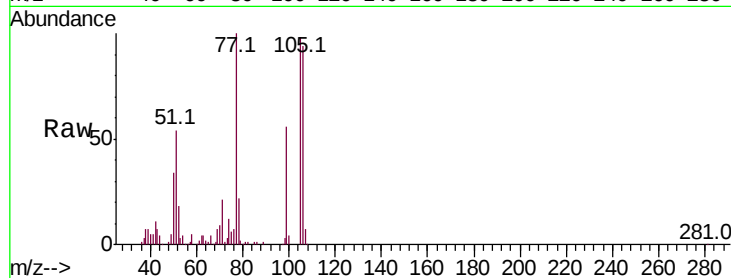
Tot Ion: 77 Resp: 106165

Ion Ratio Lower Upper

77 100

105 97.9 70.5 110.5

106 93.9 69.8 109.8



#10

Phenol

Concen: 44.591 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

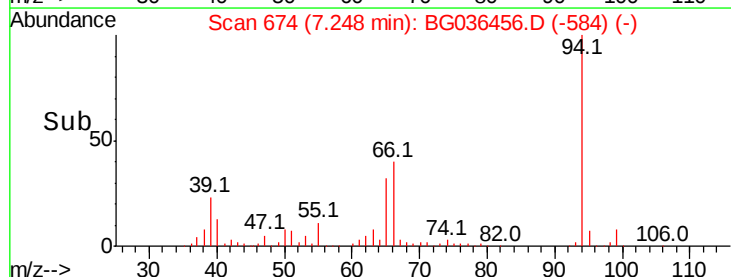
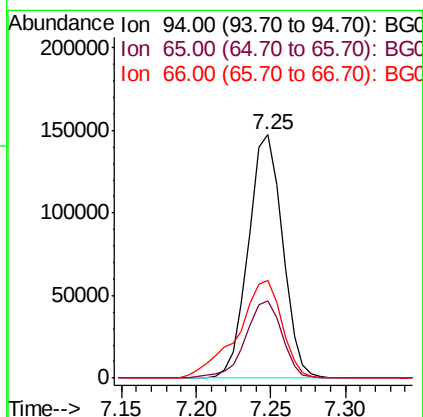
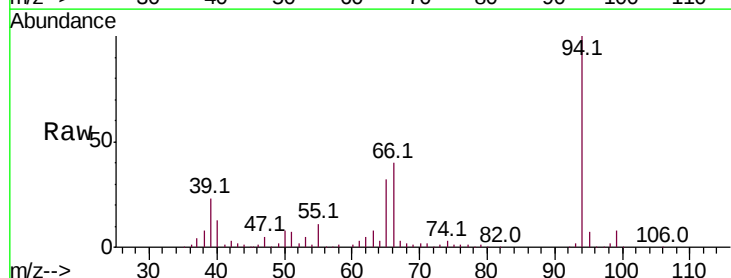
Tgt Ion: 94 Resp: 232794

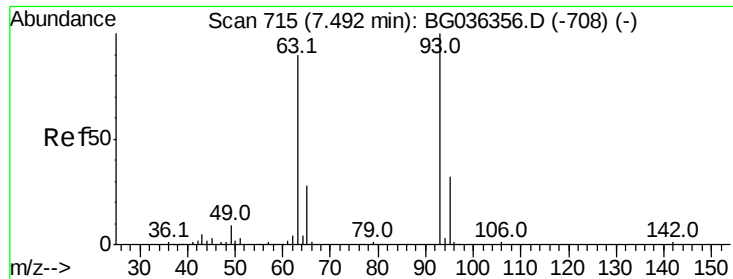
Ion Ratio Lower Upper

94 100

65 31.9 11.5 51.5

66 40.3 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 38.342 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

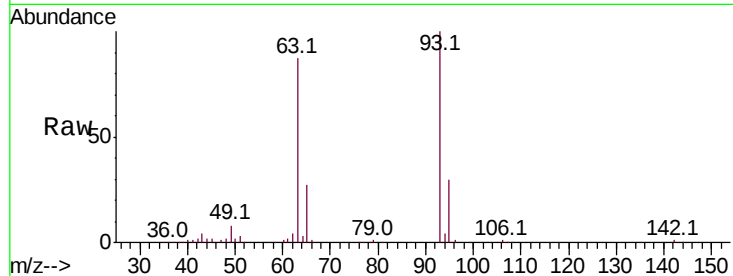
Tot Ion: 93 Resp: 158696

Ion Ratio Lower Upper

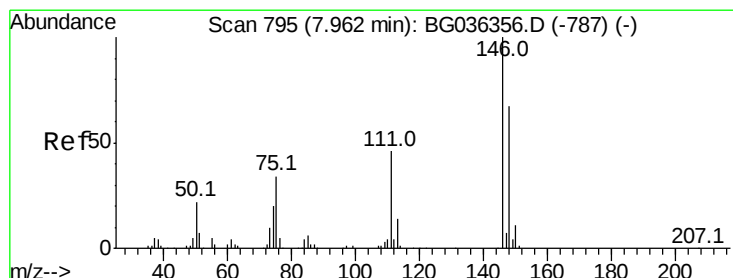
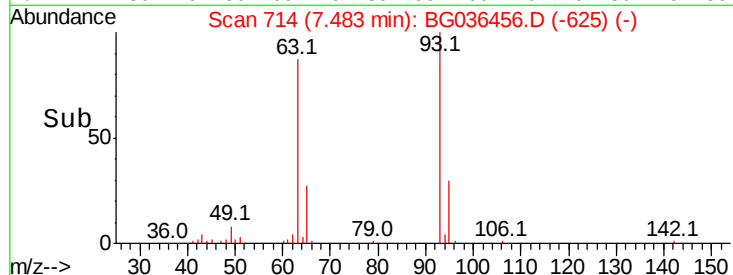
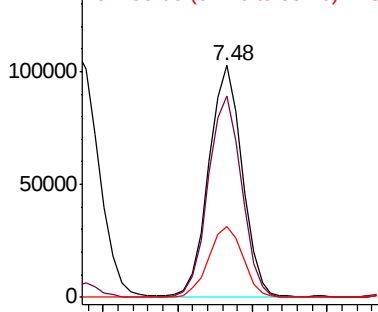
93 100

63 86.9 69.9 109.9

95 30.4 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 38.663 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

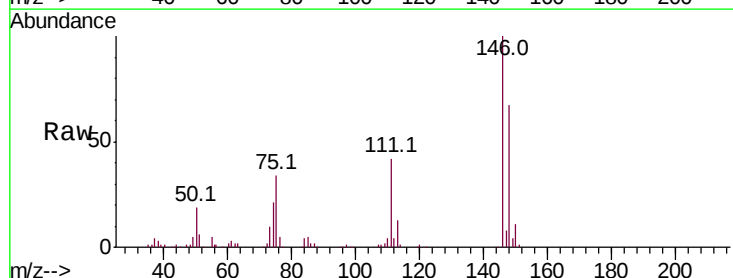
Tgt Ion:146 Resp: 166817

Ion Ratio Lower Upper

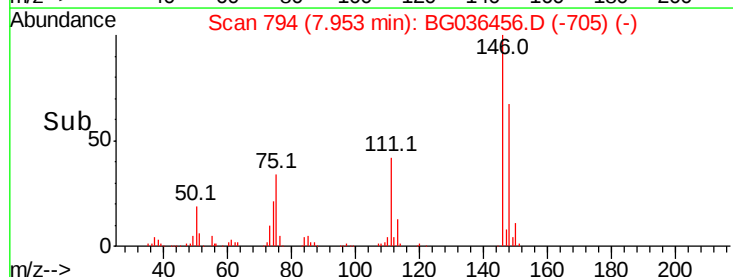
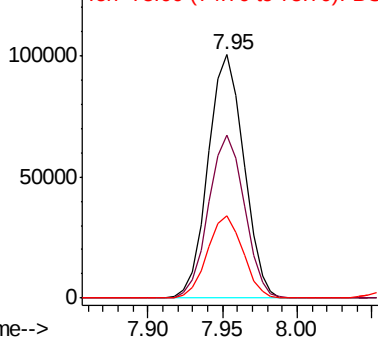
146 100

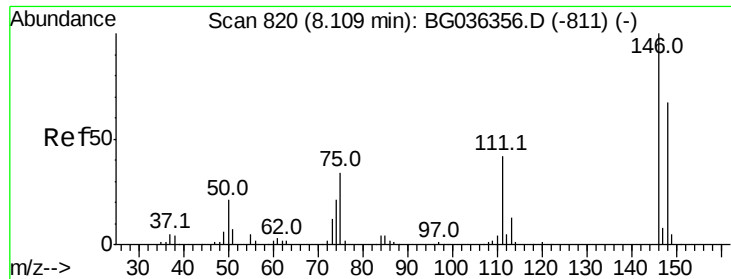
148 67.0 53.8 80.6

75 33.8 27.2 40.8



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

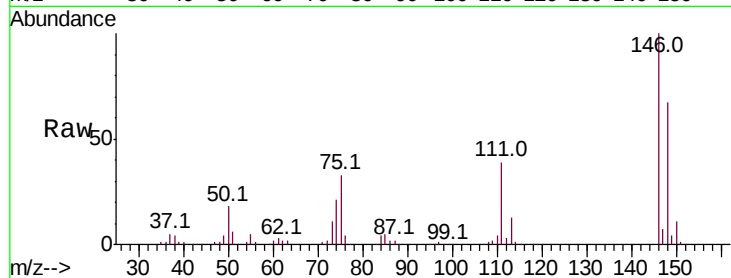




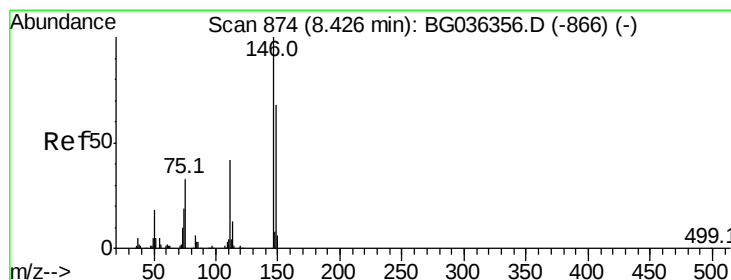
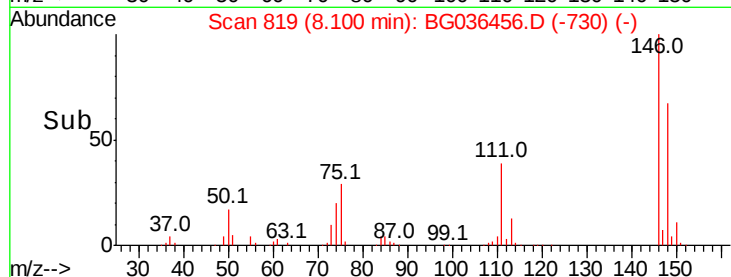
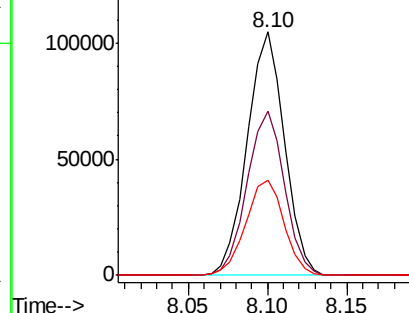
#13
 1,4-Dichlorobenzene
 Concen: 39.338 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.9	80.9
111	39.1	33.8	50.6

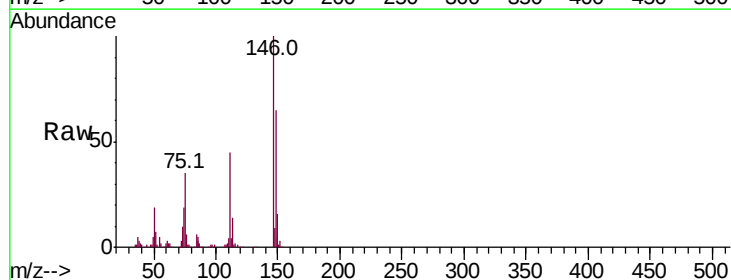


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

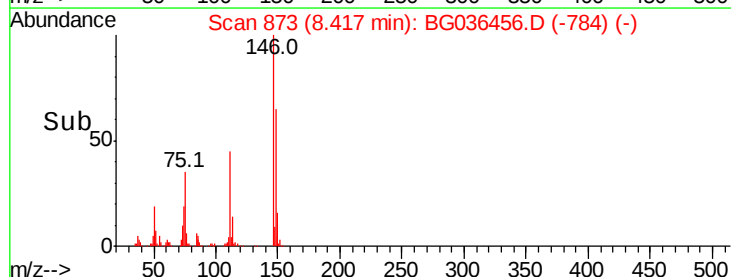
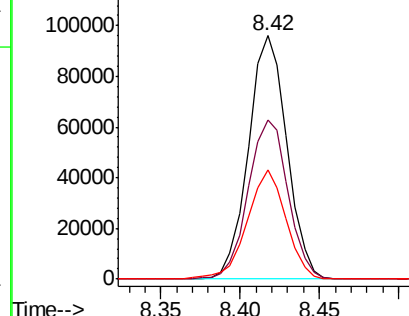


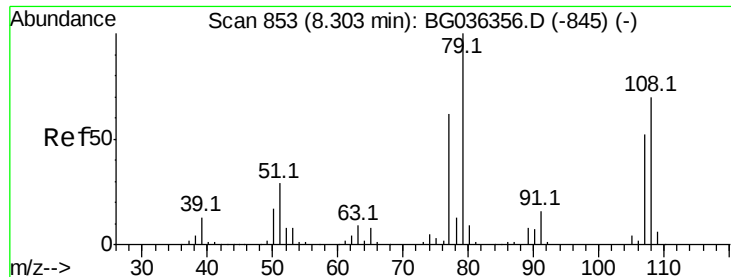
#14
 1,2-Dichlorobenzene
 Concen: 38.824 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	55.0	82.6
111	44.6	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: 40.824 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

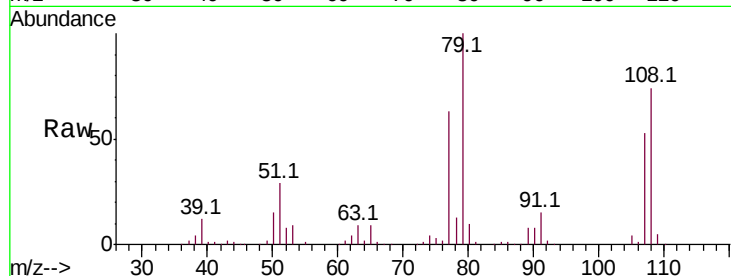
Tot Ion: 79 Resp: 164182

Ion Ratio Lower Upper

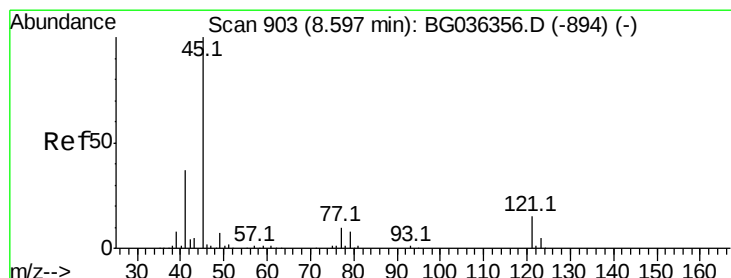
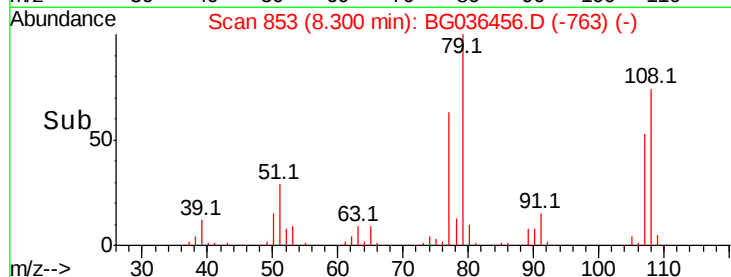
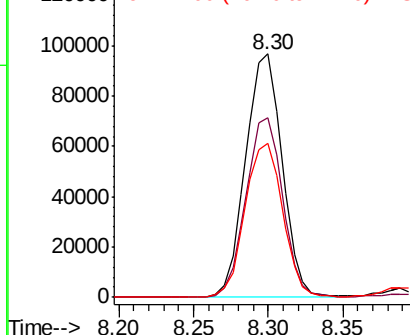
79 100

108 73.9 55.9 83.9

77 63.2 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.210 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

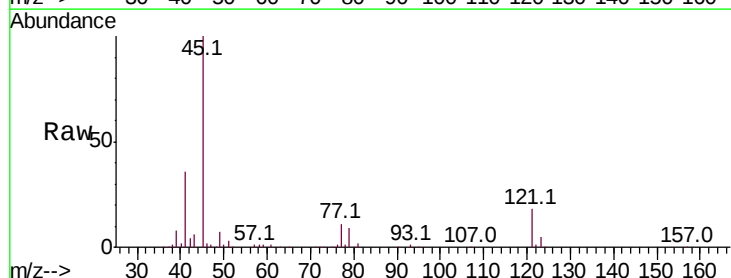
Tgt Ion: 45 Resp: 293894

Ion Ratio Lower Upper

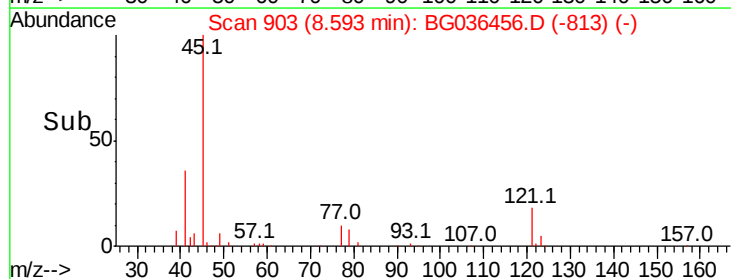
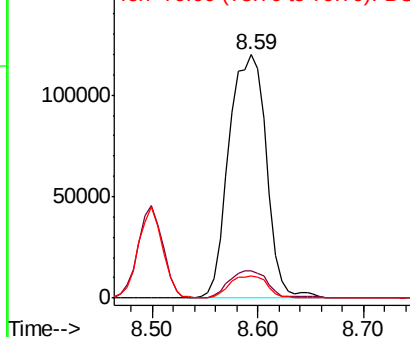
45 100

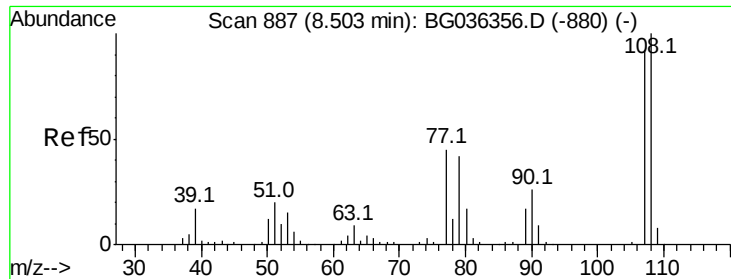
77 11.1 0.0 30.5

79 8.9 0.0 27.9



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

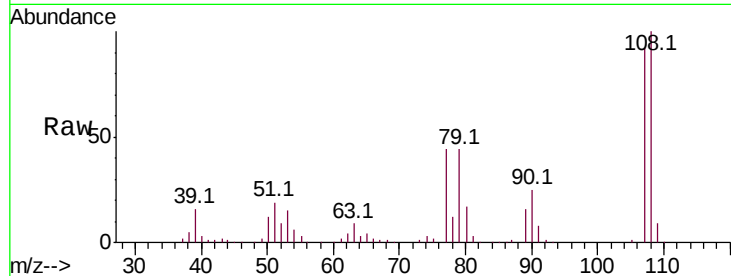




#17
2-Methylphenol
Concen: 44.512 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.7	130.1
77	48.5	39.0	58.4
79	48.2	36.6	54.8



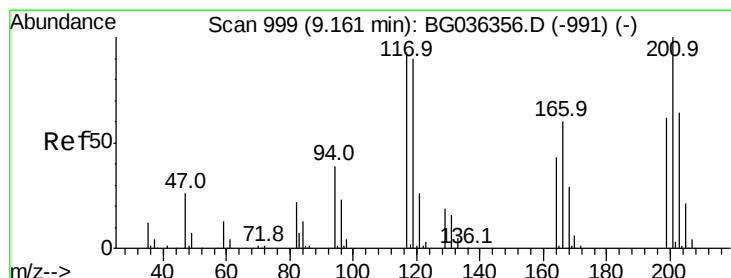
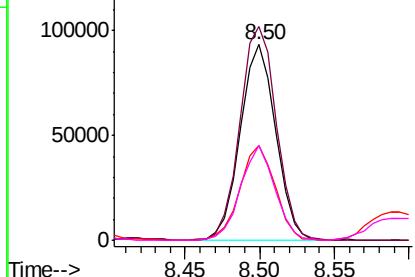
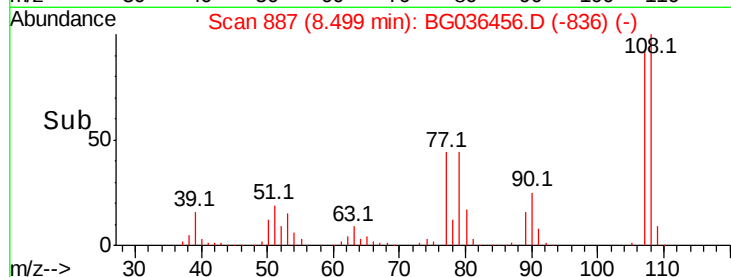
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

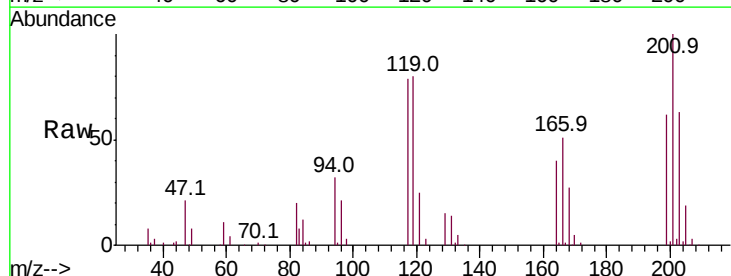
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.400 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.8	115.2
201	126.2	85.7	128.5

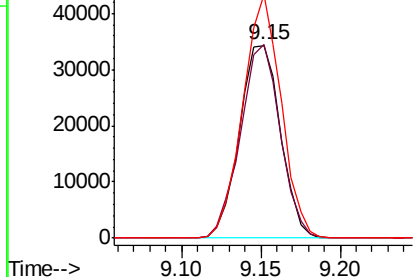
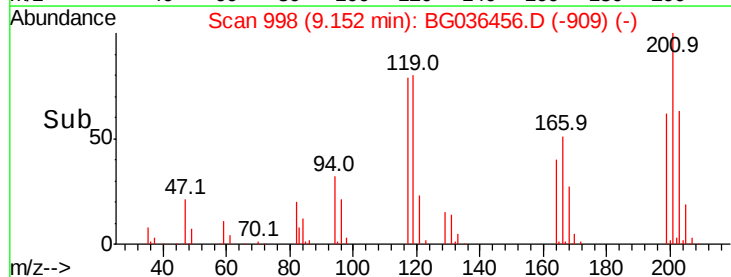


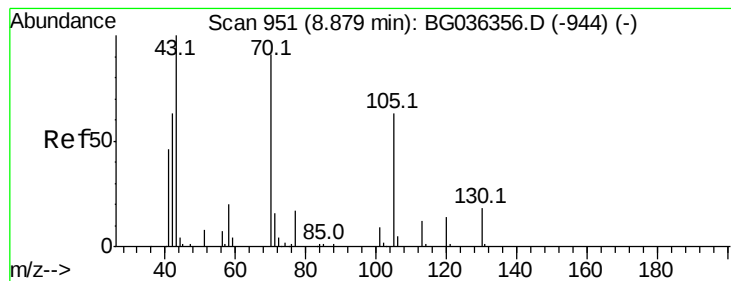
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.787 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 129703

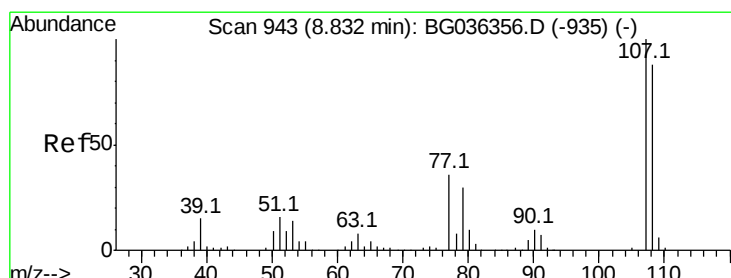
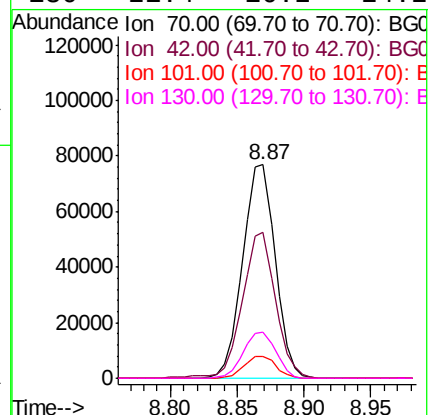
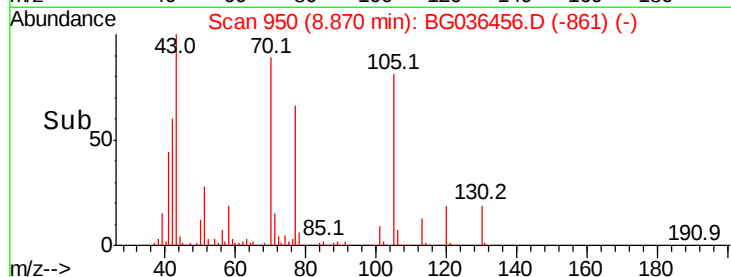
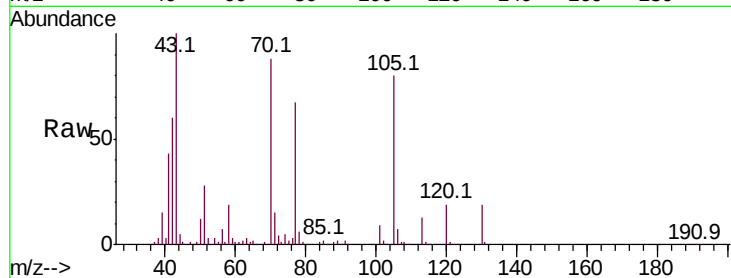
Ion Ratio Lower Upper

70 100

42 68.2 56.2 84.4

101 10.4 7.8 11.6

130 21.4 16.2 24.2



#20

3+4-Methylphenols

Concen: 43.980 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:107 Resp: 212855

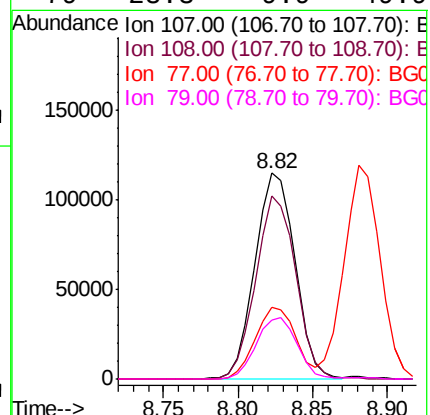
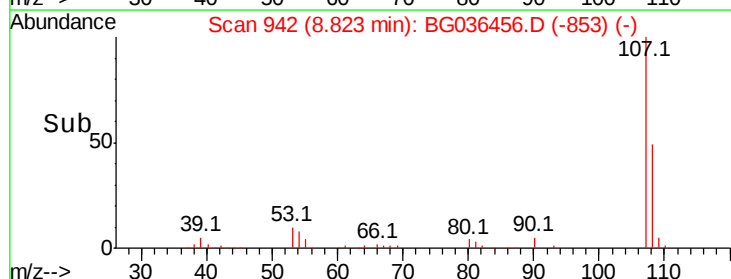
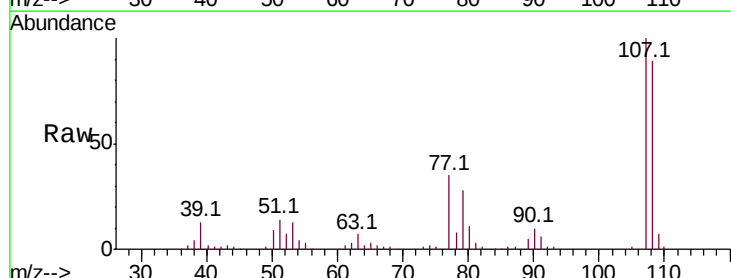
Ion Ratio Lower Upper

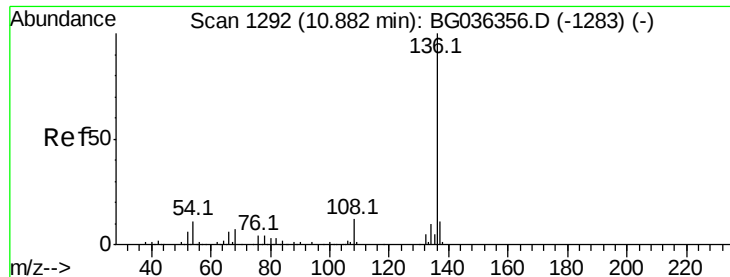
107 100

108 89.1 68.0 108.0

77 34.7 15.6 55.6

79 28.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 246083

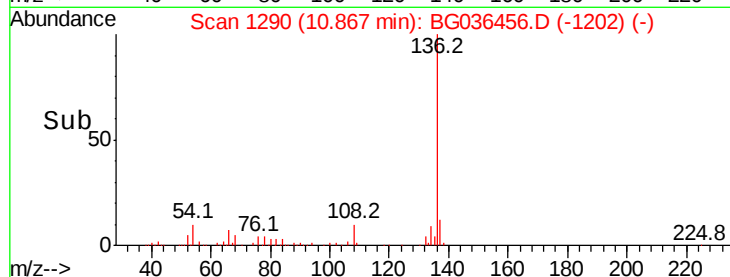
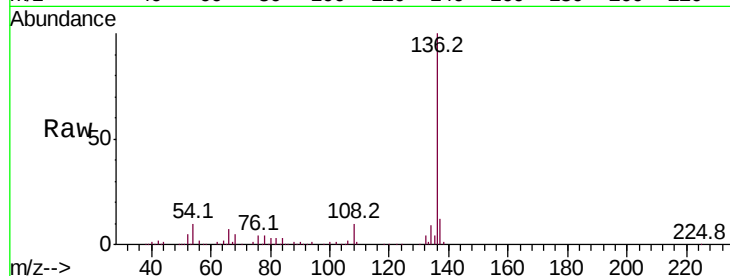
Ion Ratio Lower Upper

136 100

137 12.0 8.8 13.2

54 9.9 9.2 13.8

68 5.3 5.8 8.6#

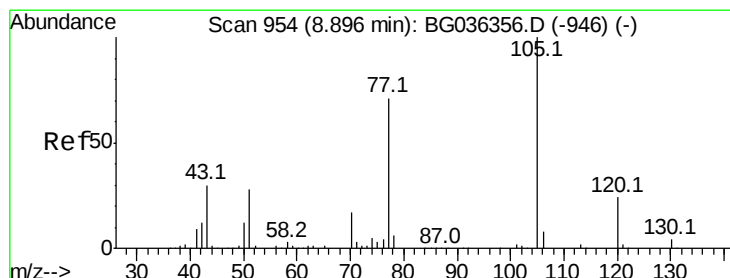
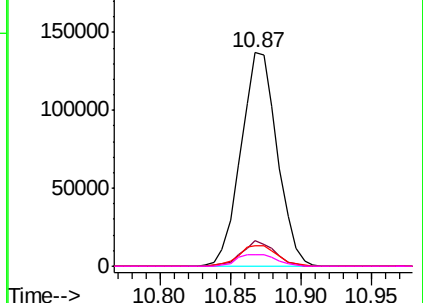


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.033 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:105 Resp: 252230

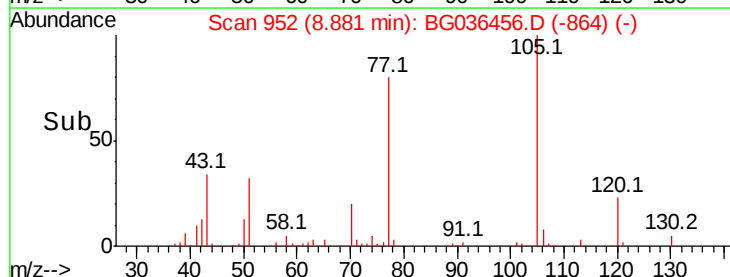
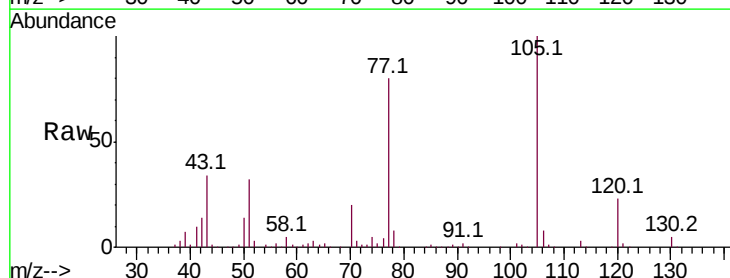
Ion Ratio Lower Upper

105 100

71 3.4 2.4 3.6

51 32.0 25.9 38.9

120 23.0 19.4 29.0

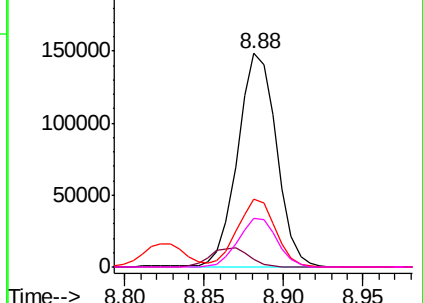


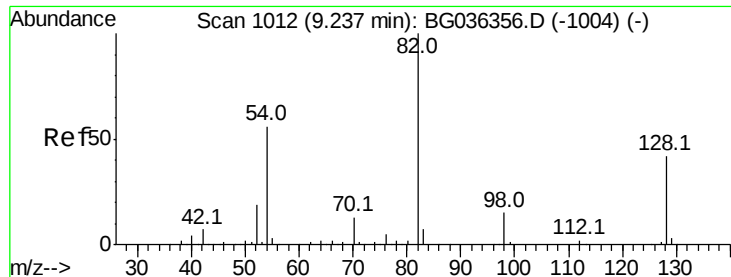
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

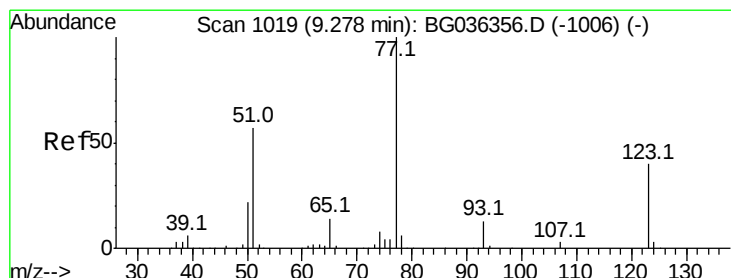
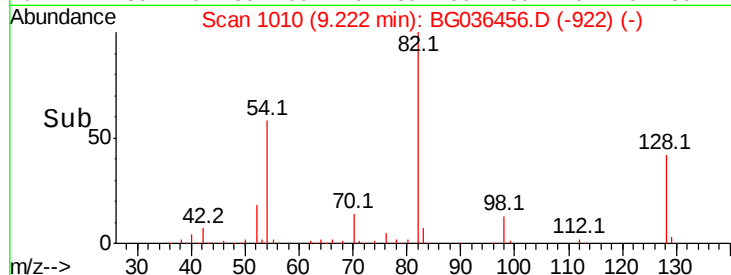
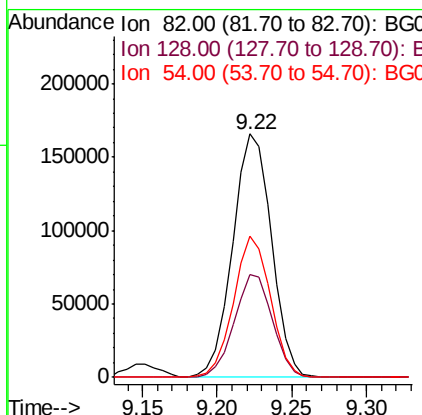
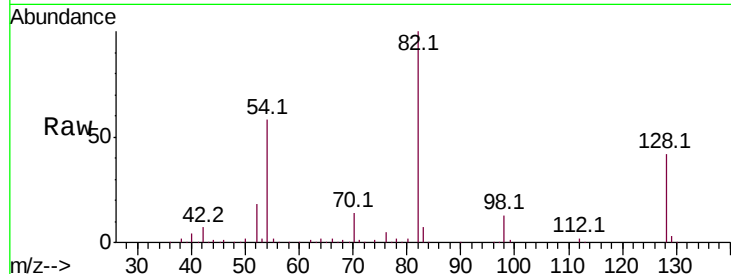




#23
 Nitrobenzene-d5
 Concen: 66.182 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

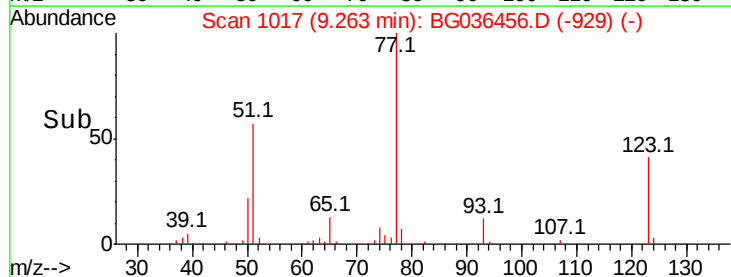
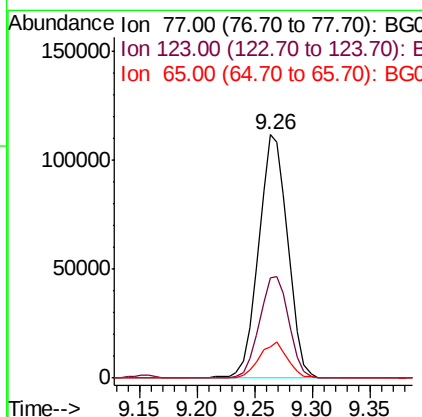
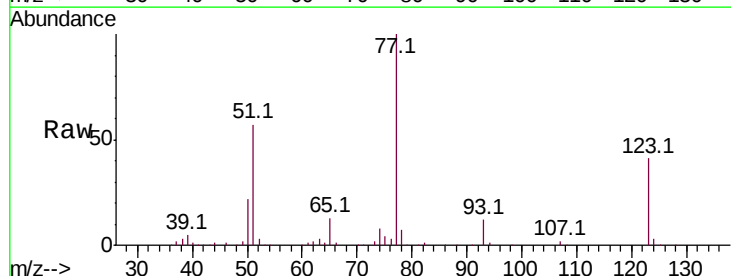
Instrument :
 BNA_G
 ClientSampled :

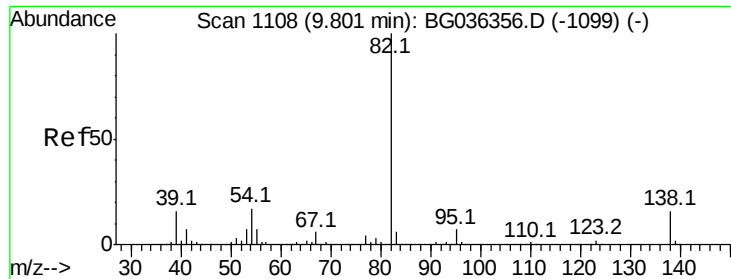
Tot Ion	82	Resp	300171
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	58.0	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.054 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	77	Resp	195894
Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.4	48.6
65	12.8	11.5	17.3

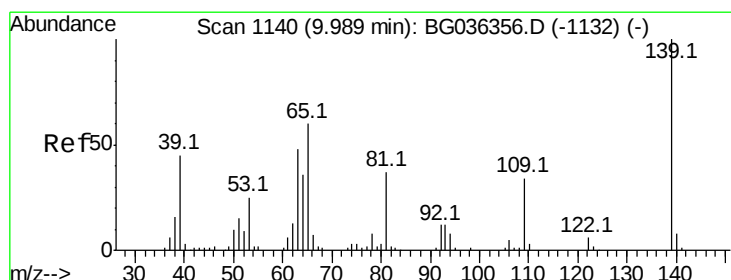
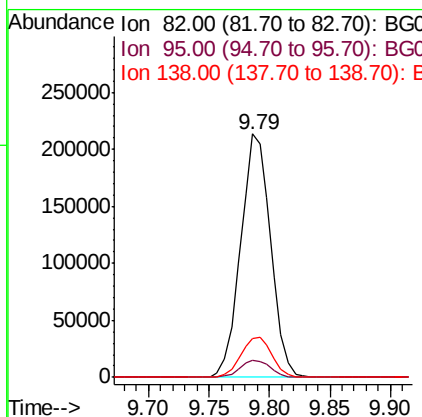
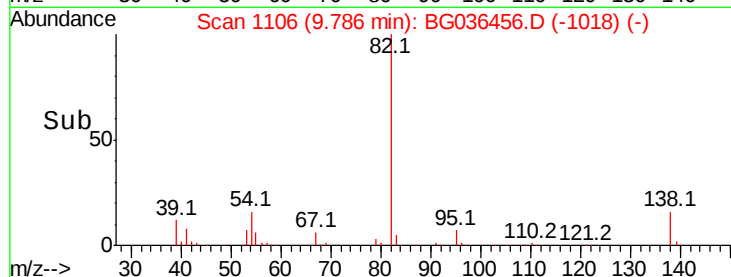
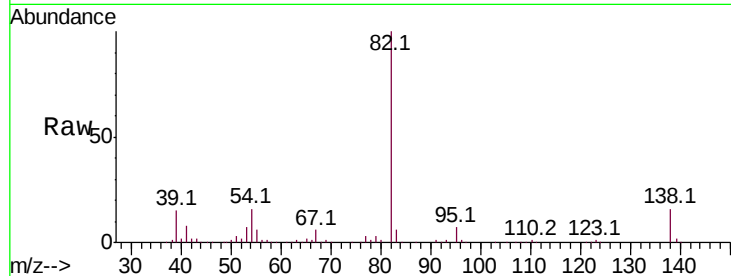




#25
Isophorone
Concen: 40.977 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

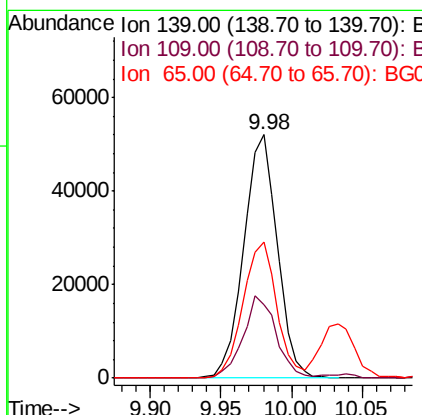
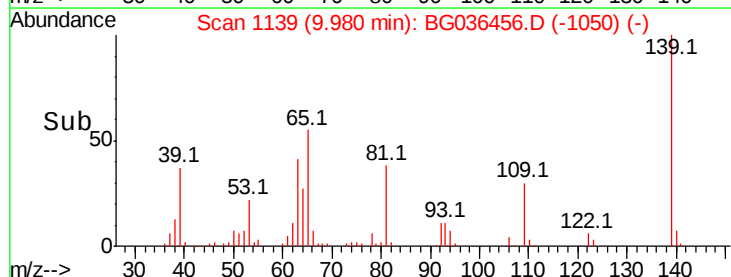
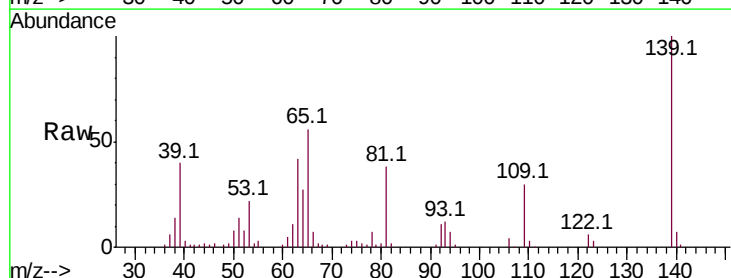
Instrument :
BNA_G
ClientSampleId :

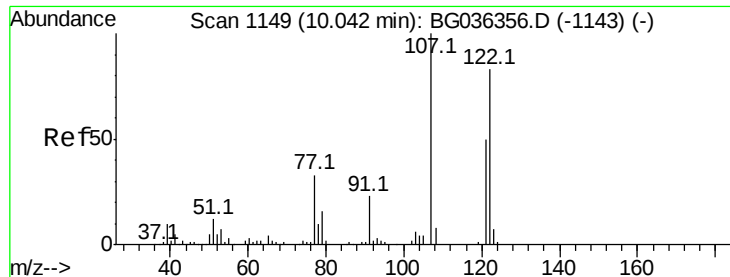
Tot Ion: 82 Resp: 369203
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 15.9 12.9 19.3



#26
2-Nitrophenol
Concen: 44.723 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:139 Resp: 86675
Ion Ratio Lower Upper
139 100
109 30.2 27.4 41.0
65 55.7 47.8 71.6

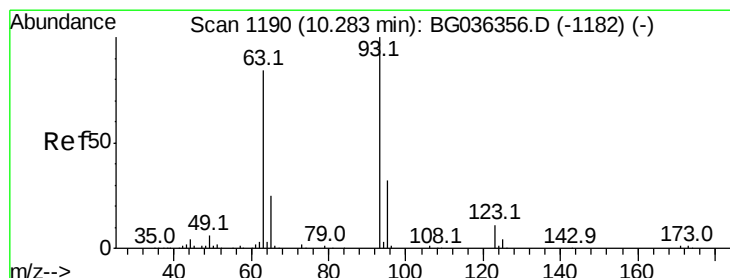
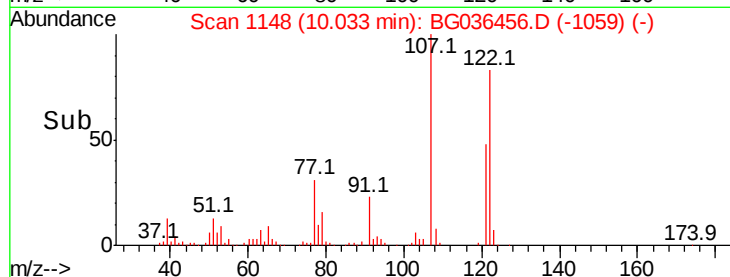
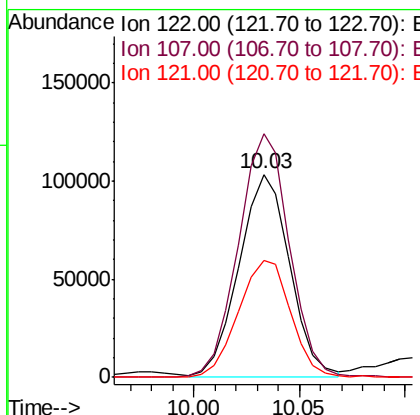
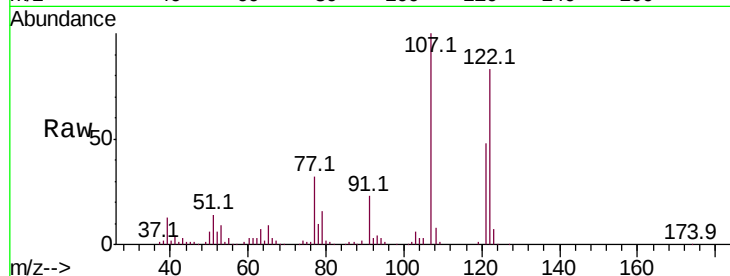




#27
2,4-Dimethylphenol
Concen: 47.807 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

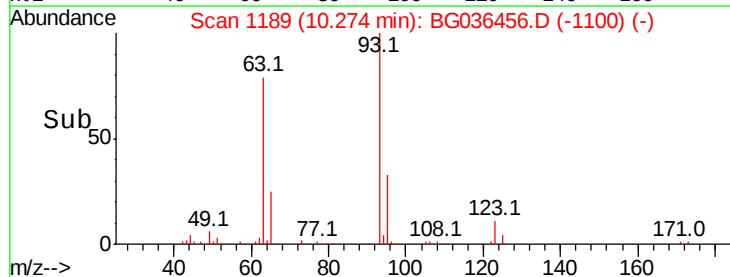
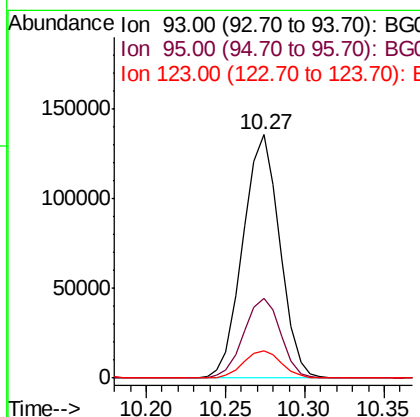
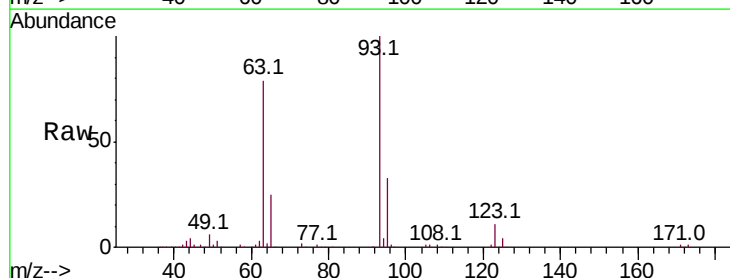
Instrument :
BNA_G
ClientSampleId :

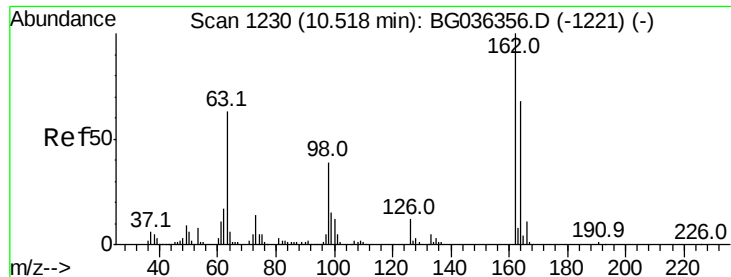
Tot Ion:122 Resp: 171537
Ion Ratio Lower Upper
122 100
107 119.8 96.0 144.0
121 57.8 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.617 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion: 93 Resp: 219072
Ion Ratio Lower Upper
93 100
95 32.8 25.2 37.8
123 11.3 8.6 12.8

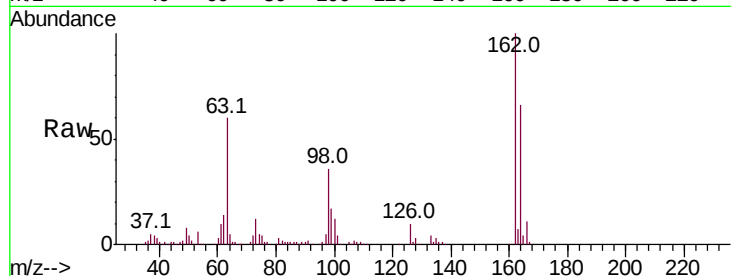




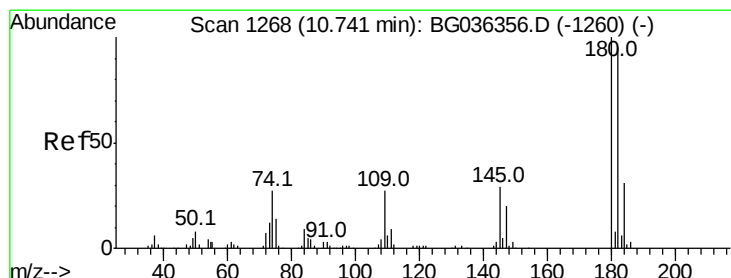
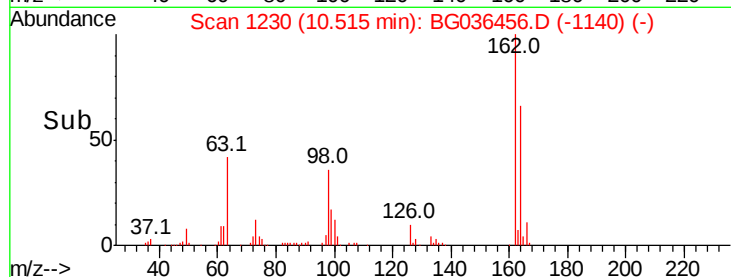
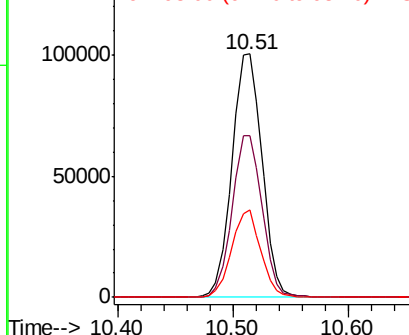
#29
 2,4-Dichlorophenol
 Concen: 46.237 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	47.6	87.6
98	36.0	19.2	59.2

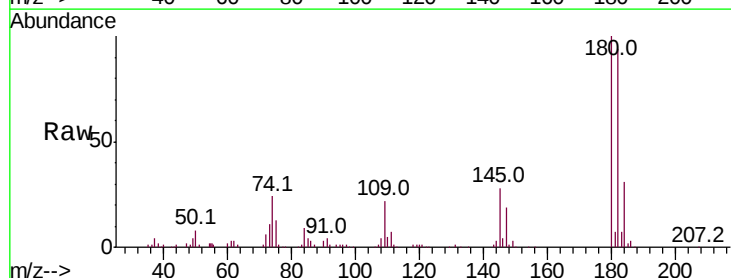


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

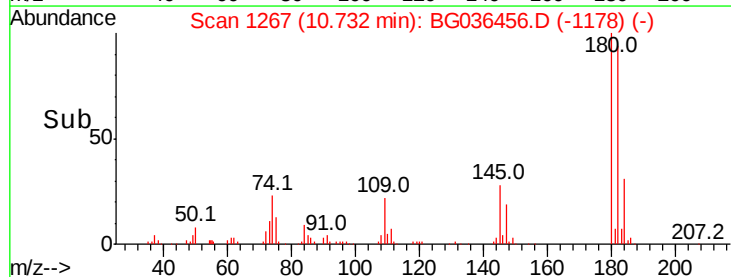
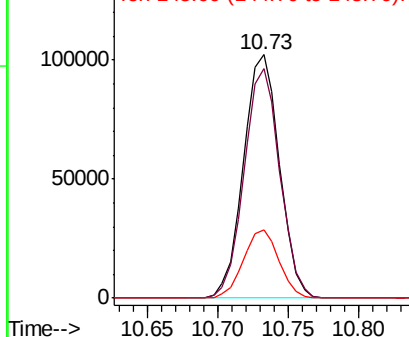


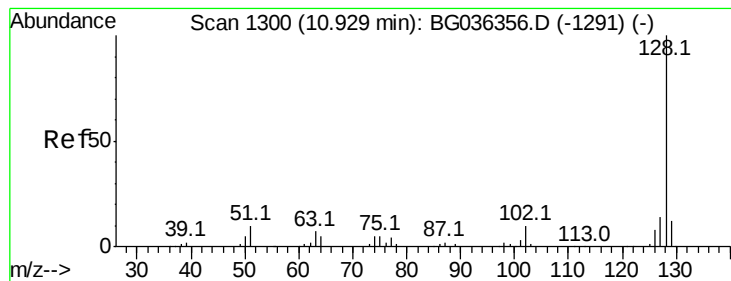
#30
 1,2,4-Trichlorobenzene
 Concen: 39.625 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	28.1	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

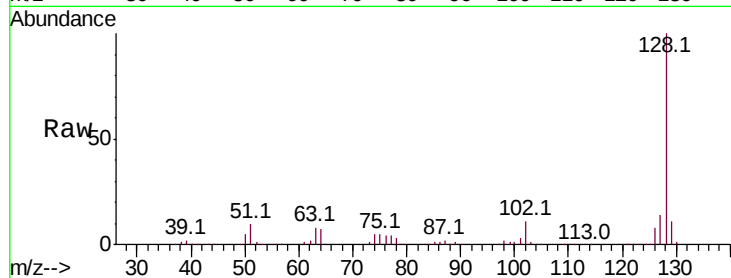




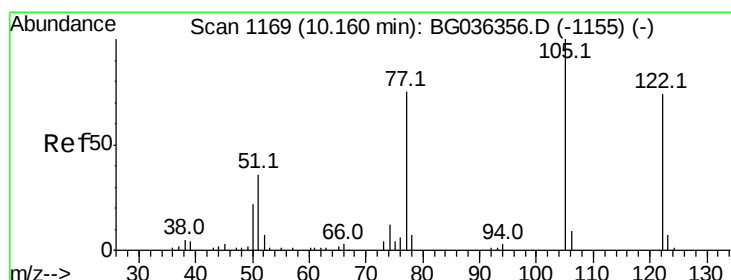
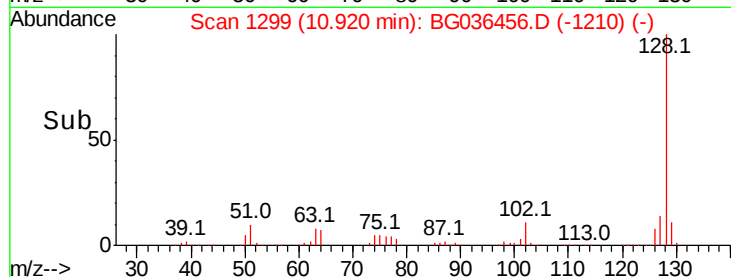
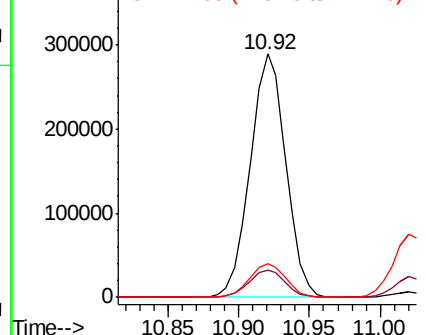
#31
Naphthalene
Concen: 41.537 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 510962
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.8 11.0 16.4

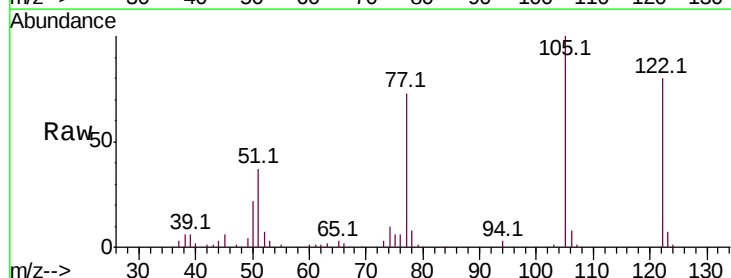


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

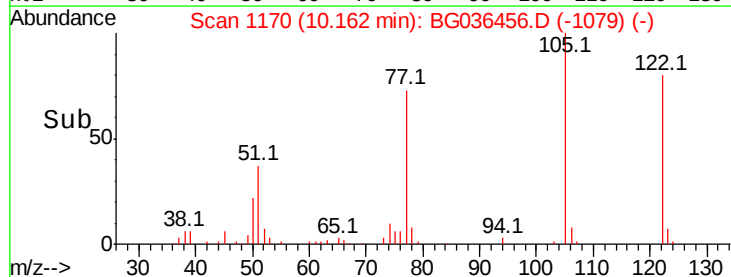
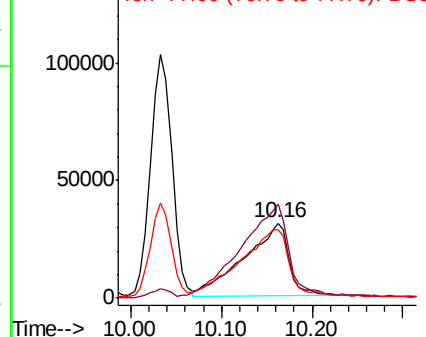


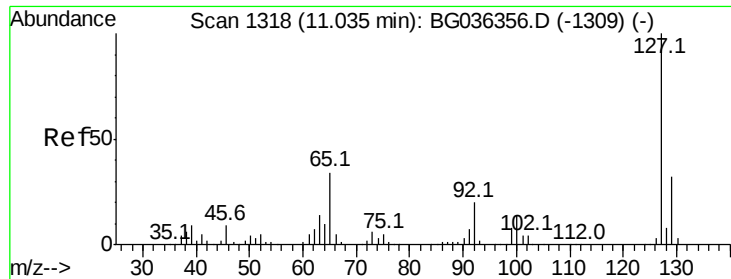
#32
Benzoic acid
Concen: 41.567 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:122 Resp: 108814
Ion Ratio Lower Upper
122 100
105 124.7 108.1 148.1
77 91.5 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): BGO

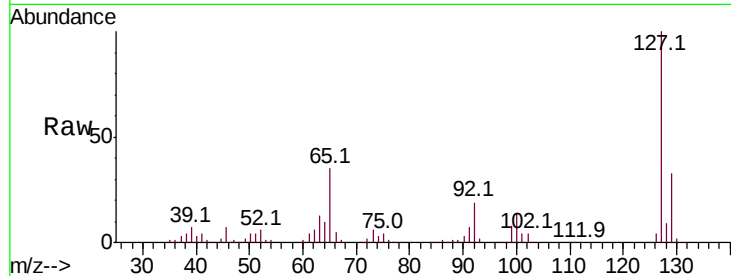




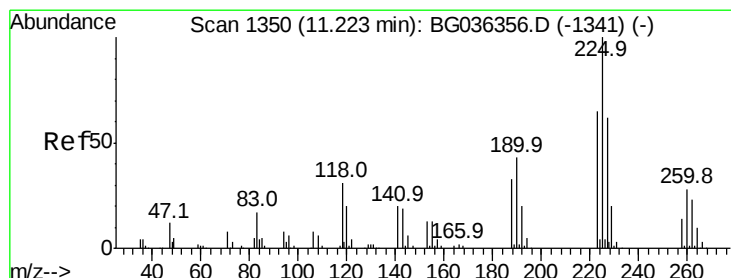
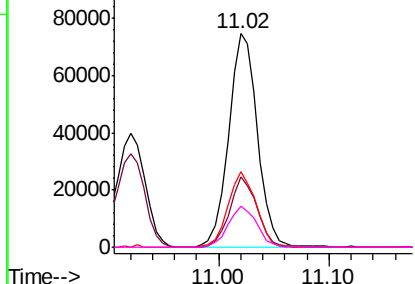
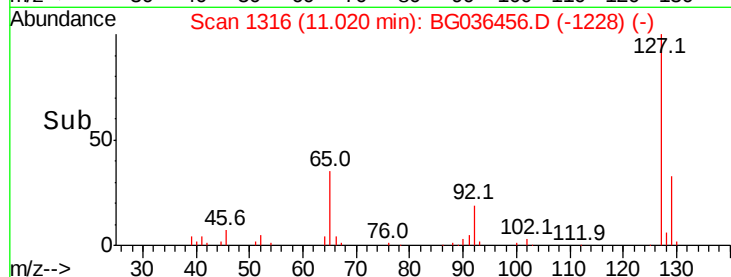
#33
4-Chloroaniline
Concen: 24.176 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	136281
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	35.3	27.5	41.3
92	19.3	16.2	24.2

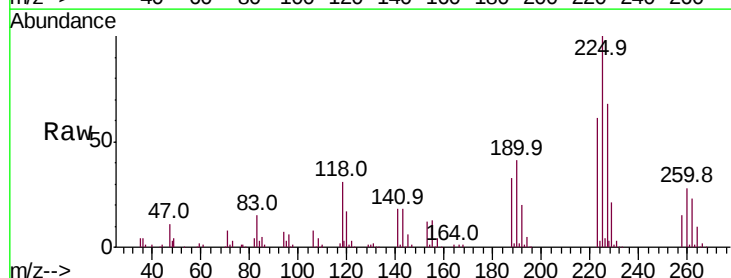


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

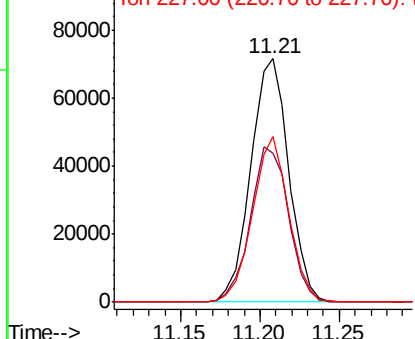
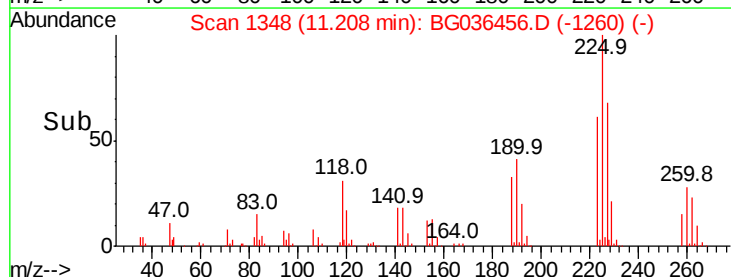


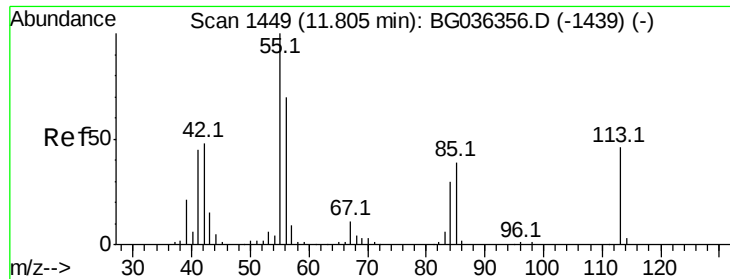
#34
Hexachlorobutadiene
Concen: 38.591 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:	225	Resp:	119279
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	68.2	49.8	74.6



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





#35

Caprolactam

Concen: 32.173 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampled :

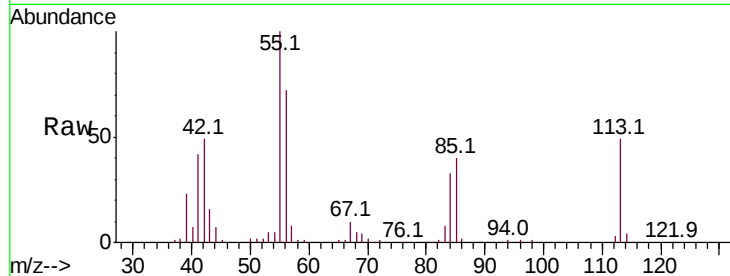
Tot Ion:113 Resp: 50399

Ion Ratio Lower Upper

113 100

55 202.5 197.7 237.7

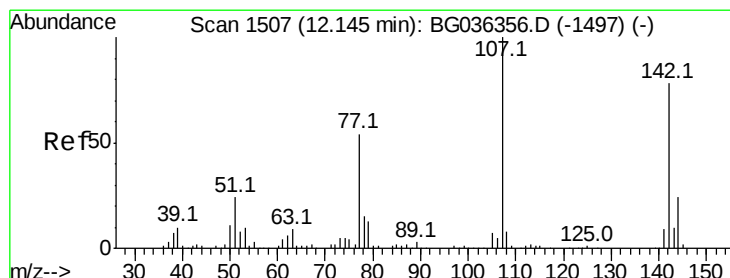
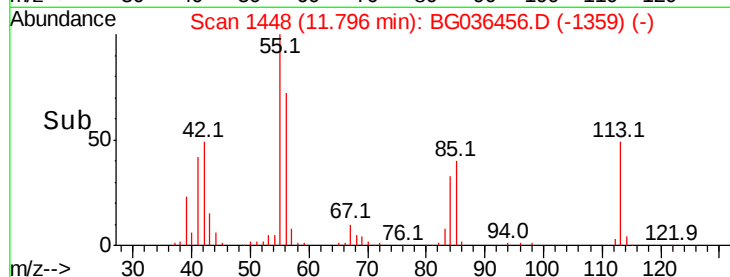
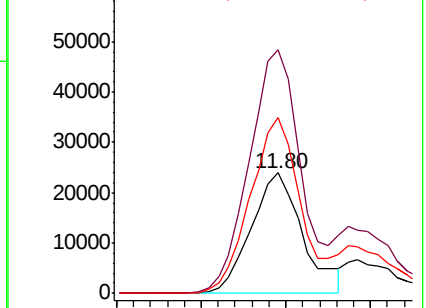
56 146.3 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.792 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

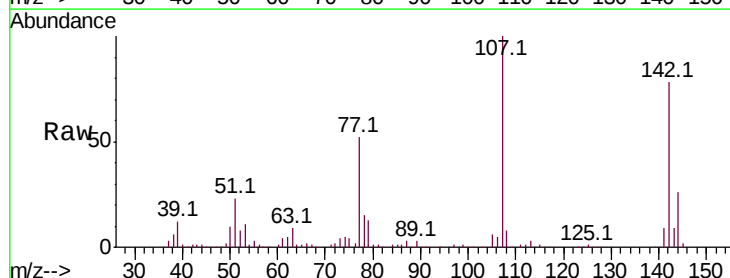
Tgt Ion:107 Resp: 200098

Ion Ratio Lower Upper

107 100

144 26.3 19.5 29.3

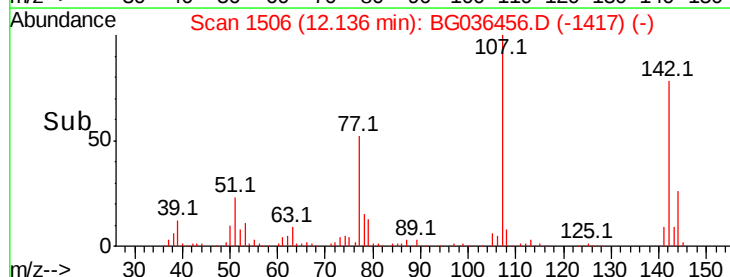
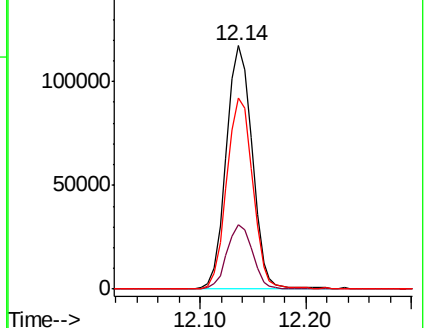
142 78.4 62.4 93.6

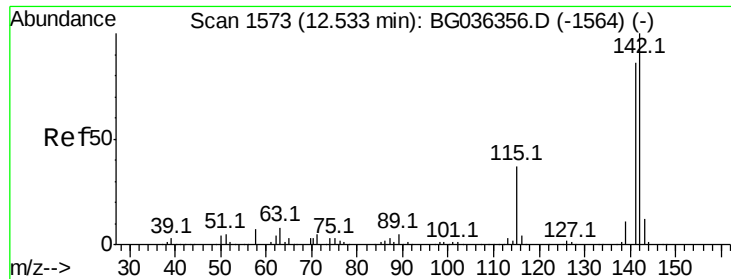


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

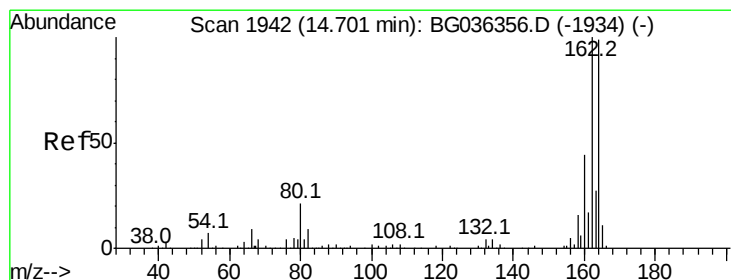
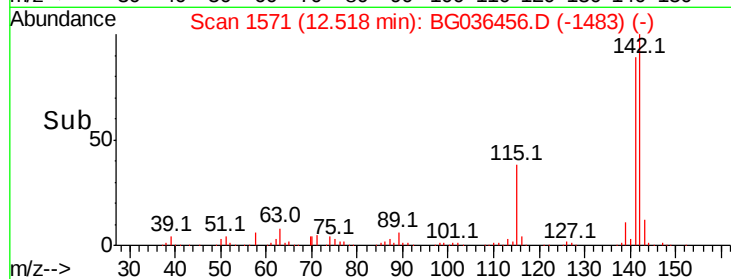
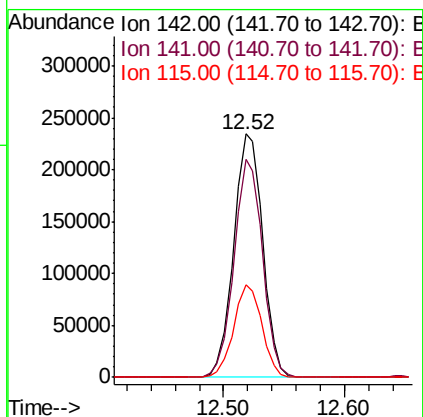
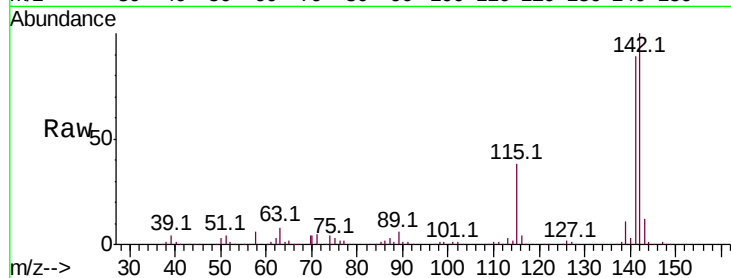




#37
2-Methylnaphthalene
Concen: 43.513 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

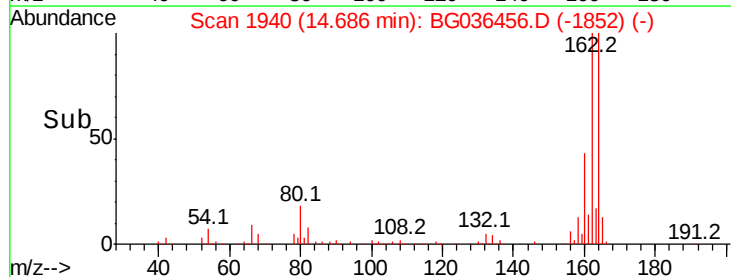
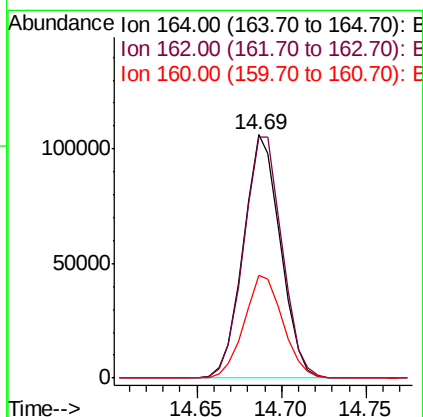
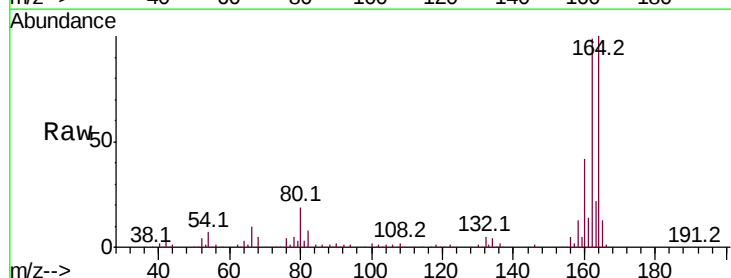
Instrument :
BNA_G
ClientSampleId :

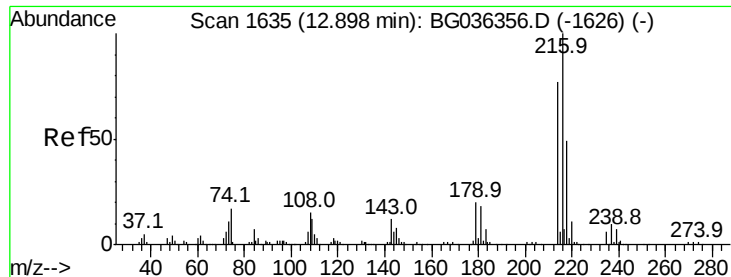
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.5	102.7
115	38.3	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.7	121.1
160	42.4	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.475 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 226165

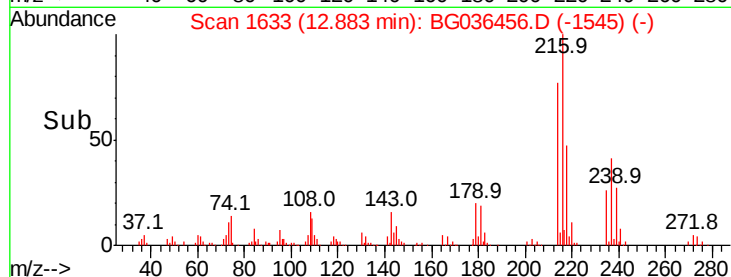
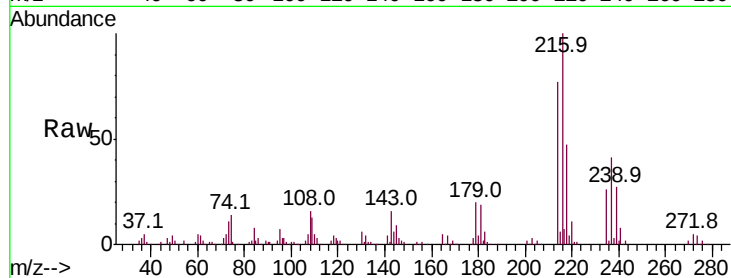
Ion Ratio Lower Upper

216 100

214 76.9 61.0 91.6

179 19.5 15.7 23.5

108 18.2 13.1 19.7

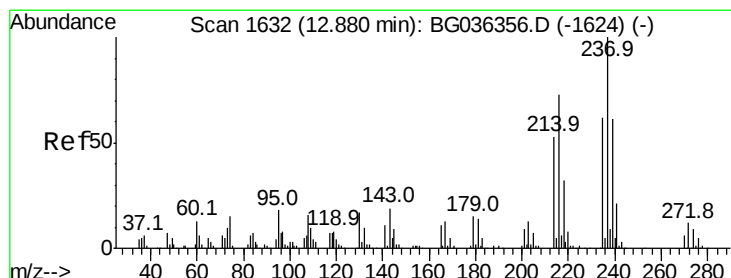
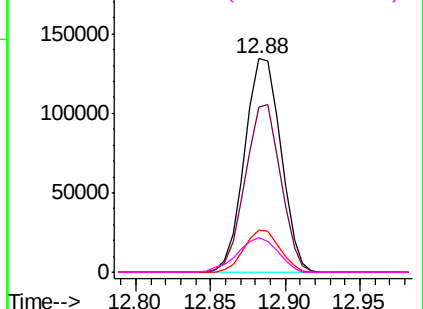


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.712 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

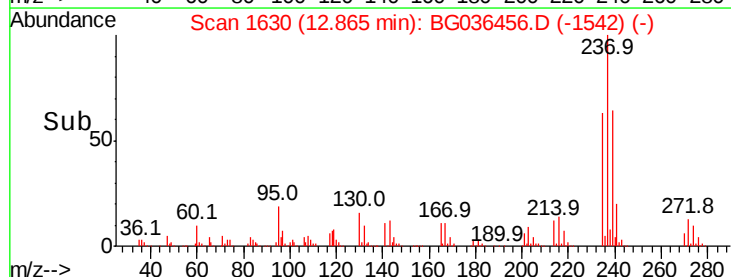
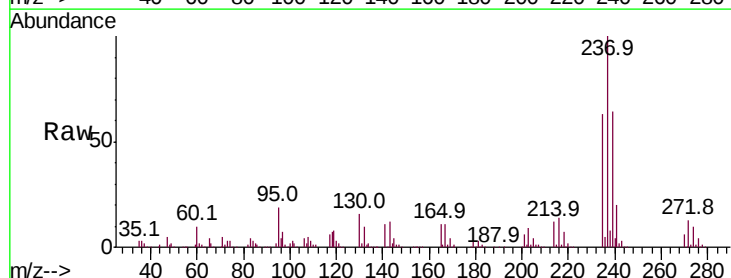
Tgt Ion:237 Resp: 261467

Ion Ratio Lower Upper

237 100

235 63.3 42.2 82.2

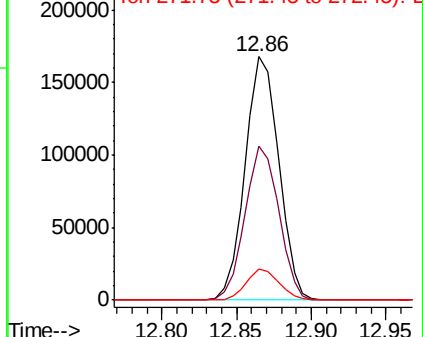
272 12.9 0.0 32.1

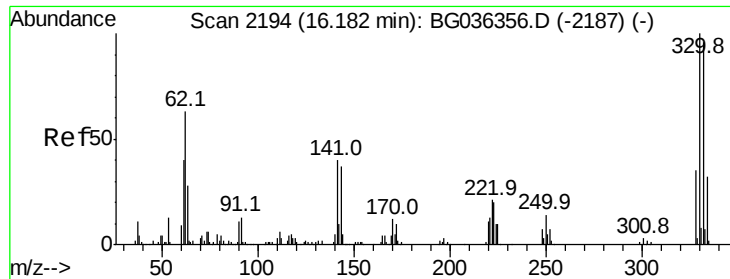


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

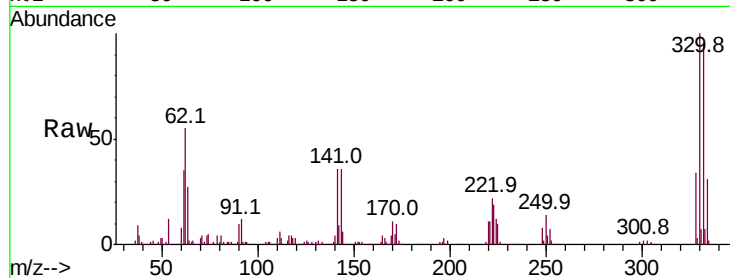




#41
 2,4,6-Tribromophenol
 Concen: 113.998 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	37.0	30.7	46.1

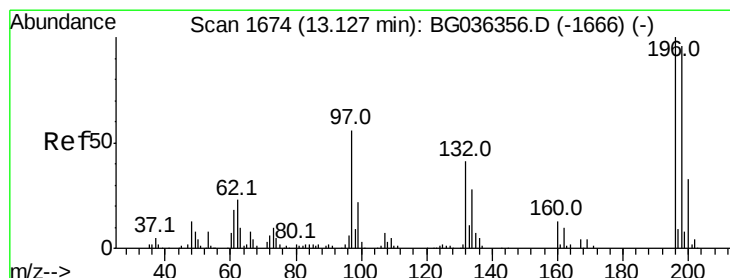
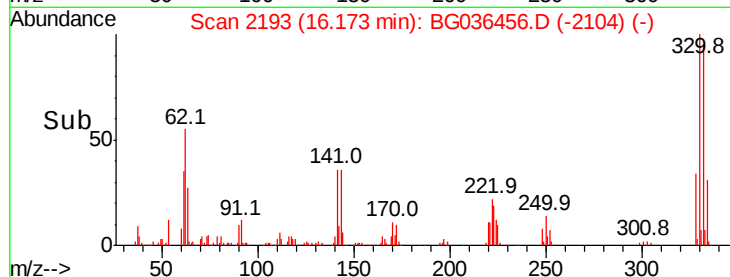
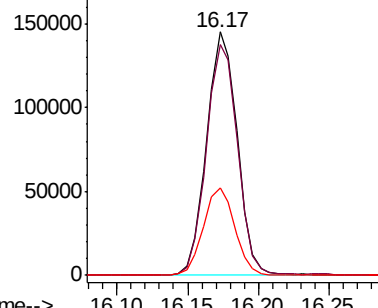


Abundance

Ion 329.80 (329.50 to 330.50): E

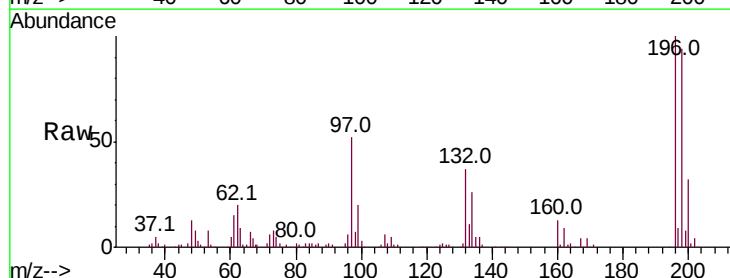
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.555 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.2	115.8
200	32.0	26.3	39.5

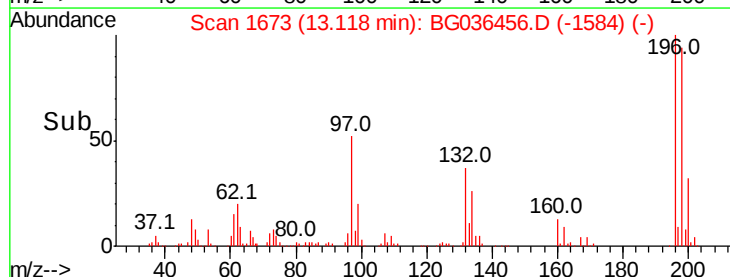
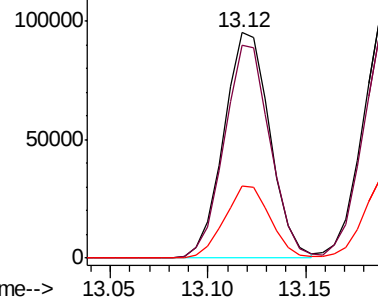


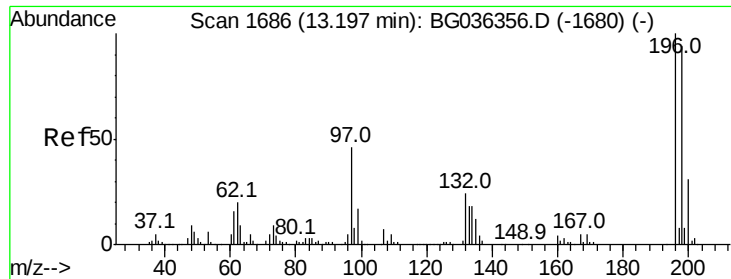
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

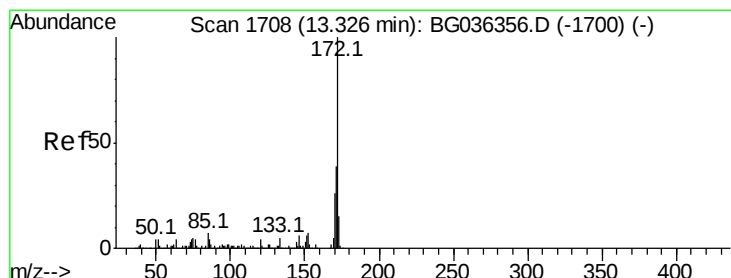
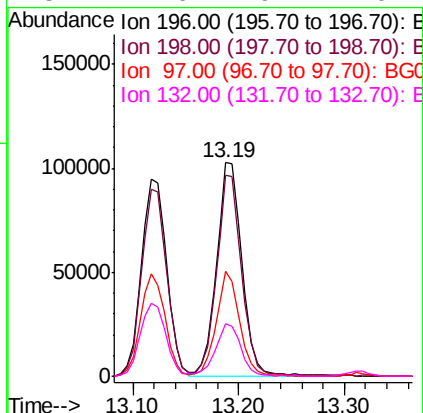
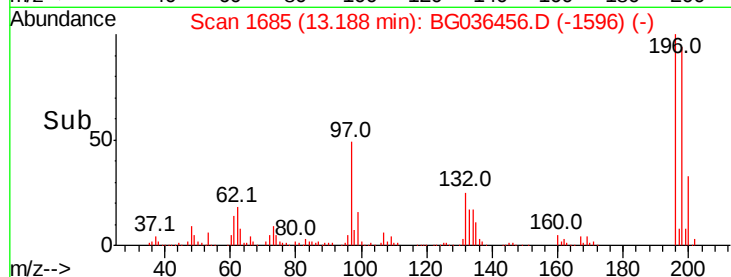
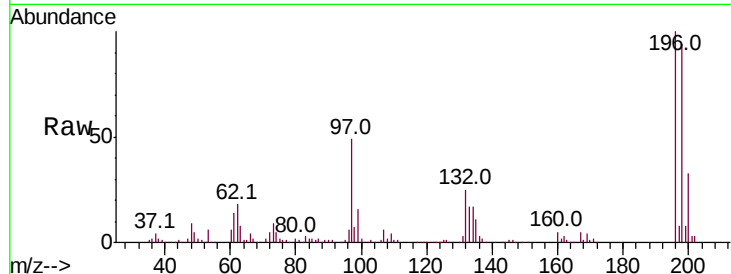




#43
 2,4,5-Trichlorophenol
 Concen: 46.243 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

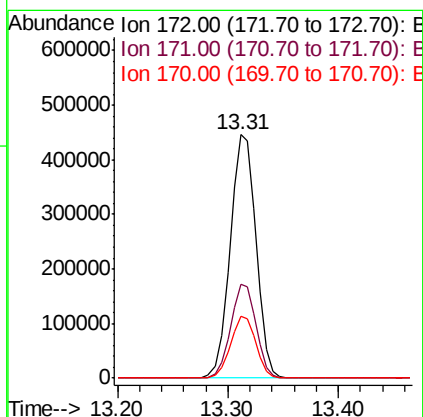
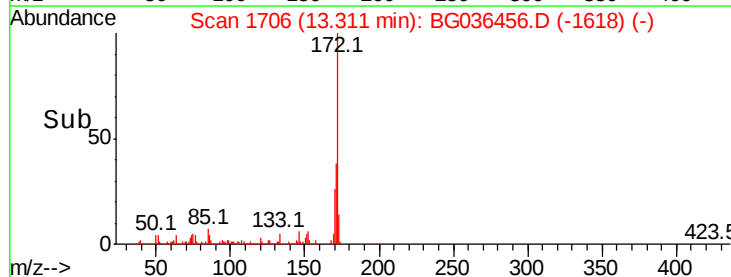
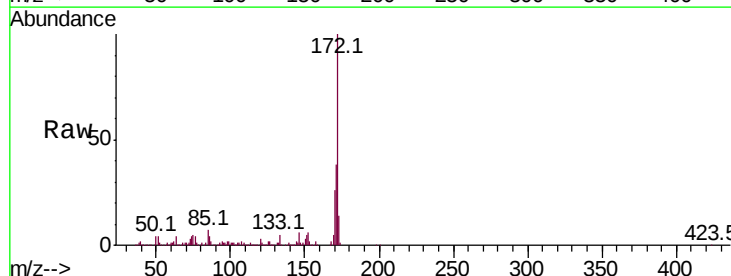
Instrument :
 BNA_G
 ClientSampleId :

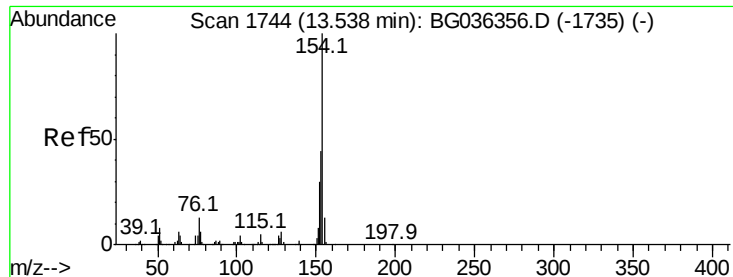
Tot Ion:	196	Resp:	172141
Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
97	49.0	37.2	55.8
132	24.6	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 64.293 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion:	172	Resp:	729008
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.6	21.0	31.6





#45

1,1'-Biphenyl

Concen: 38.261 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

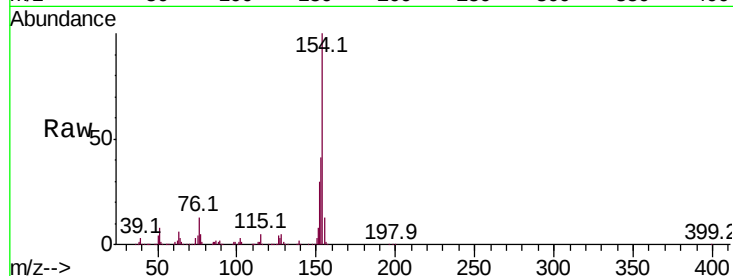
Tot Ion:154 Resp: 514184

Ion Ratio Lower Upper

154 100

153 41.5 24.0 64.0

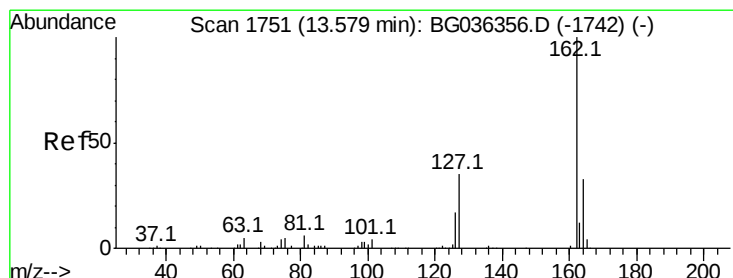
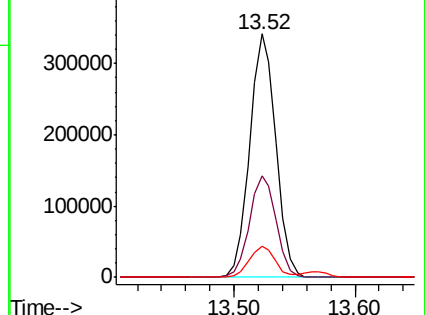
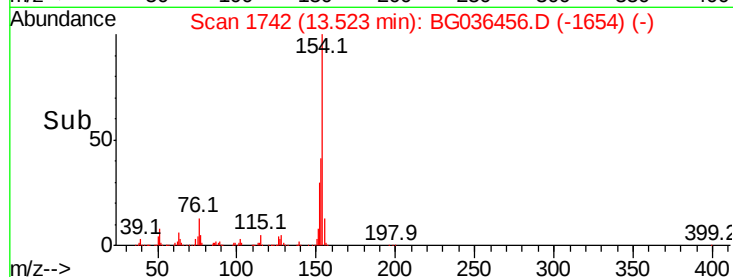
76 12.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.377 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

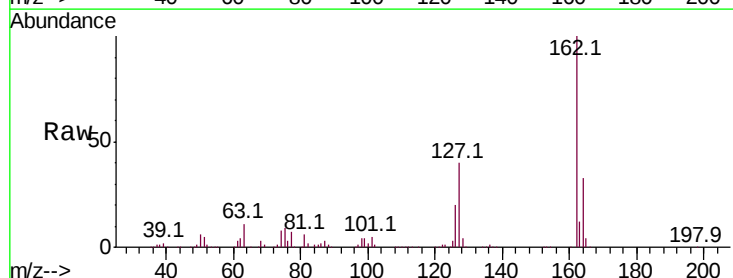
Tgt Ion:162 Resp: 393720

Ion Ratio Lower Upper

162 100

127 40.2 30.7 46.1

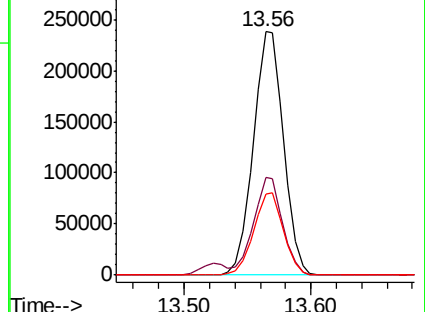
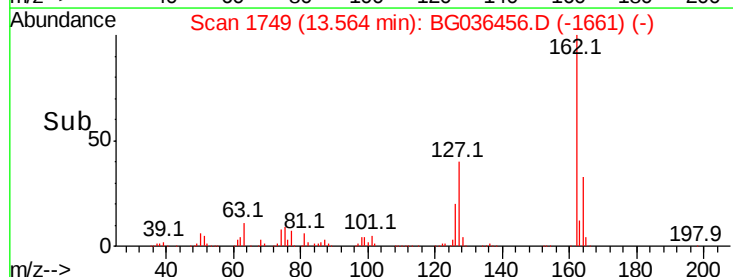
164 33.4 26.7 40.1

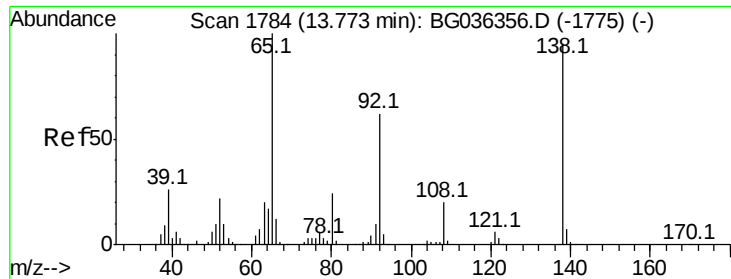


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

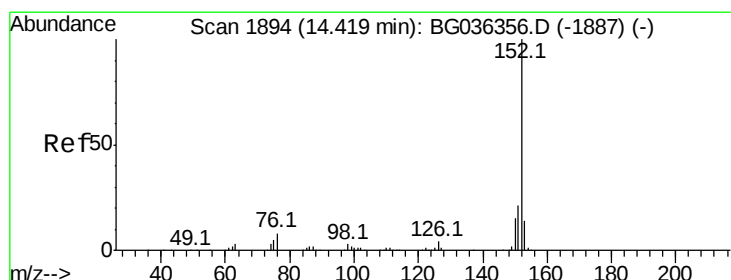
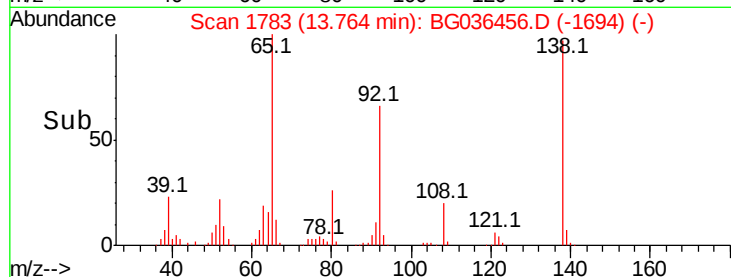
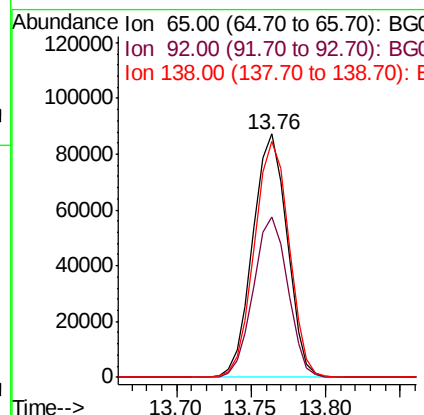
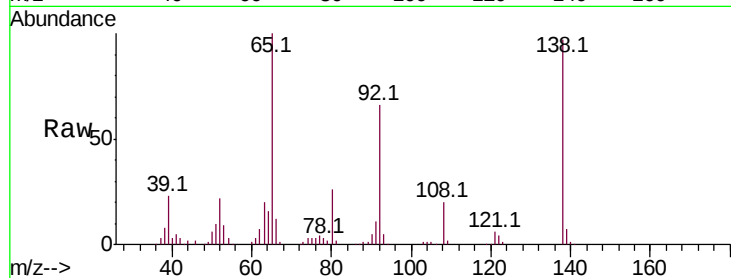




#47
2-Nitroaniline
Concen: 43.196 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

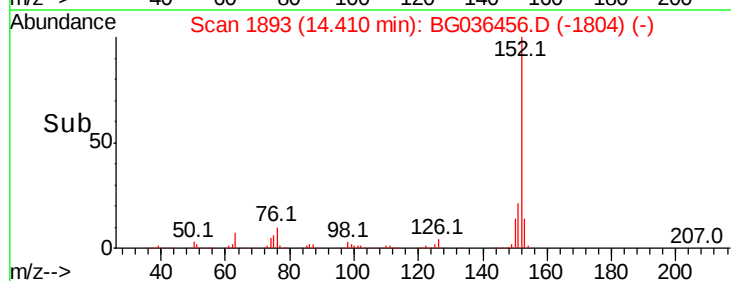
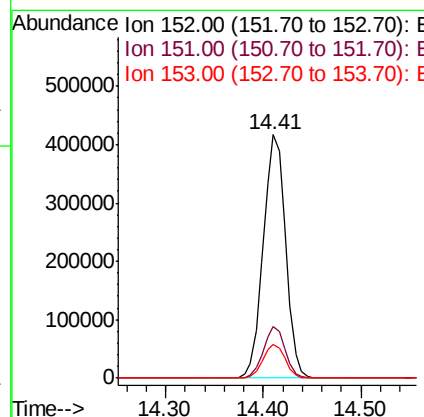
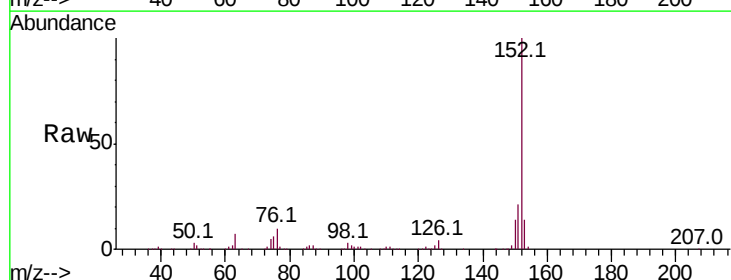
Instrument :
BNA_G
ClientSampleId :

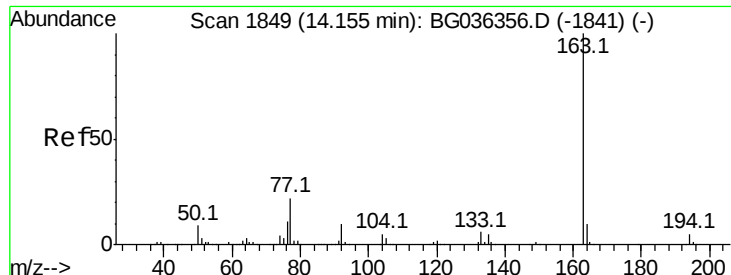
Tot Ion: 65 Resp: 139162
Ion Ratio Lower Upper
65 100
92 65.9 49.9 74.9
138 96.8 76.2 114.4



#48
Acenaphthylene
Concen: 41.852 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion: 152 Resp: 671045
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 13.6 11.2 16.8

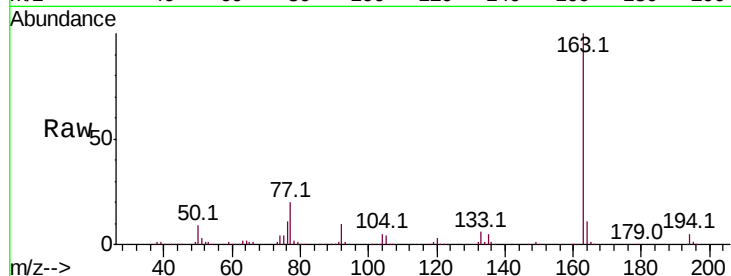




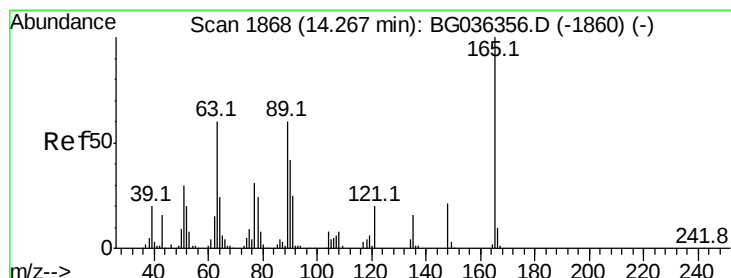
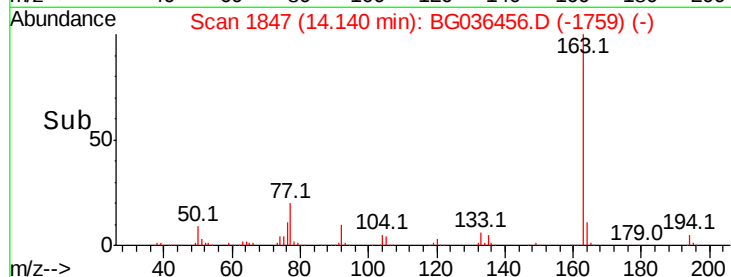
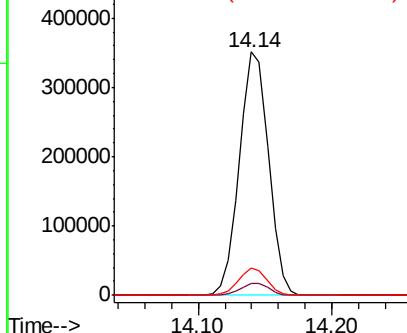
#49
Dimethylphthalate
Concen: 40.007 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	11.1	8.1	12.1

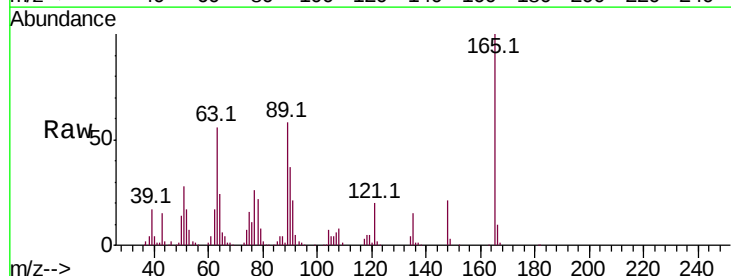


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

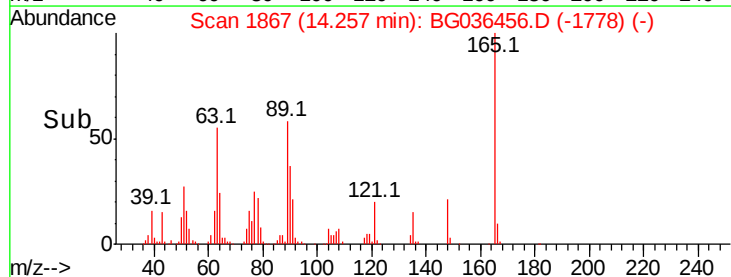
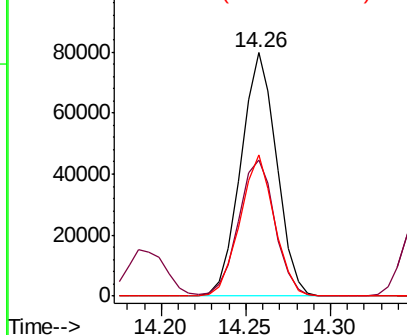


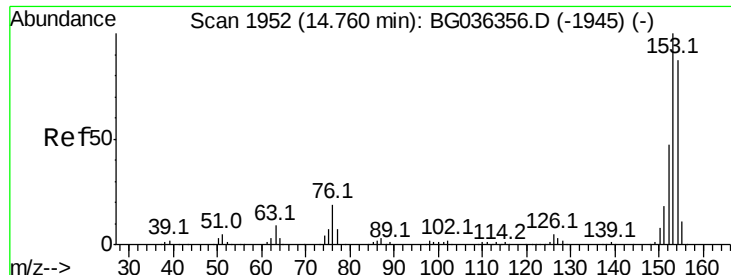
#50
2,6-Dinitrotoluene
Concen: 43.163 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	50.1	75.1
89	57.8	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: 40.875 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

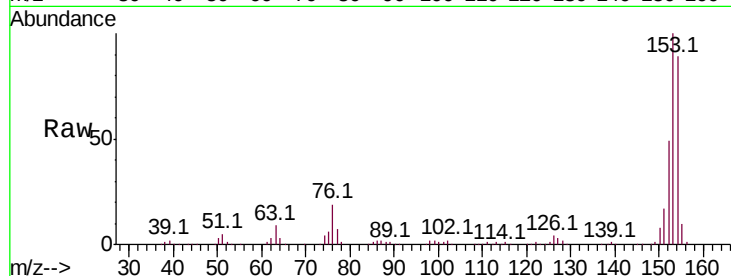
Tot Ion:154 Resp: 419728

Ion Ratio Lower Upper

154 100

153 112.7 91.8 137.6

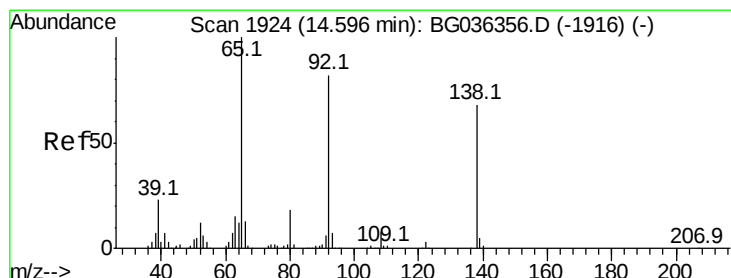
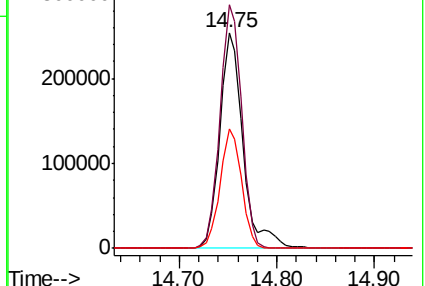
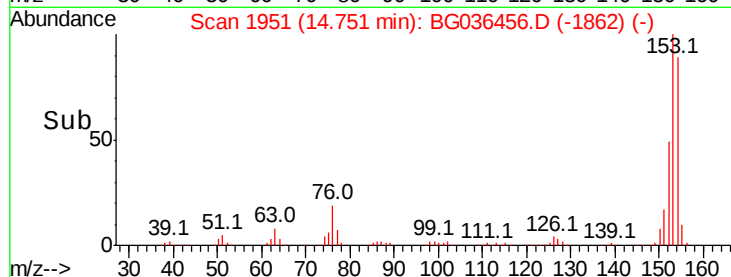
152 55.2 43.5 65.3



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: 33.525 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

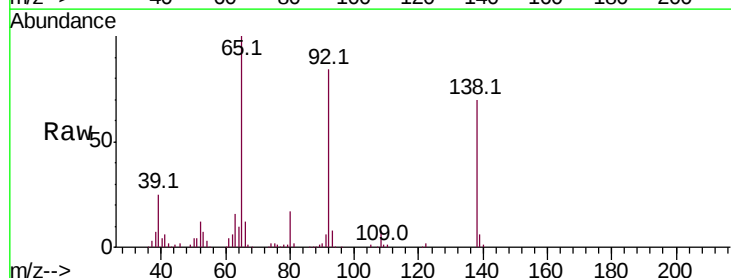
Tgt Ion:138 Resp: 98278

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

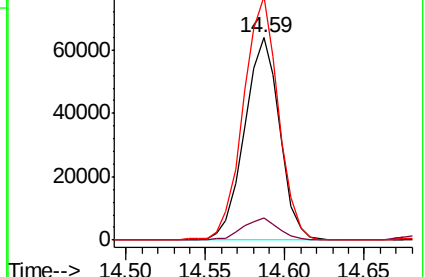
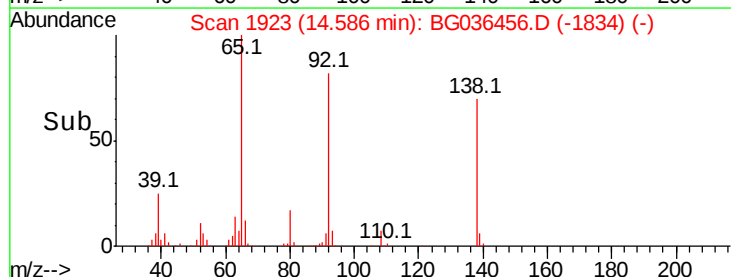
92 120.2 96.8 145.2

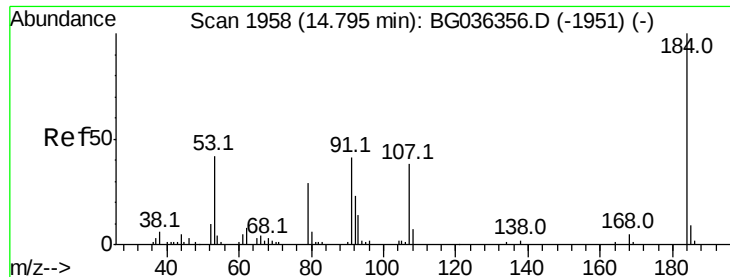


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

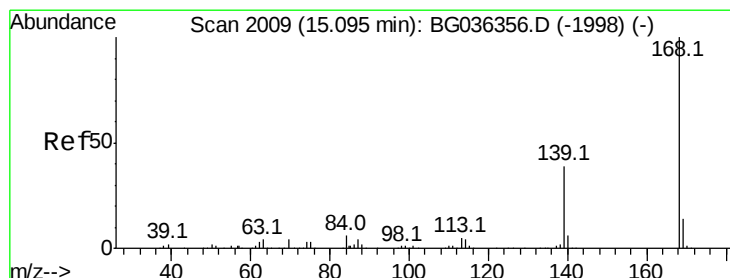
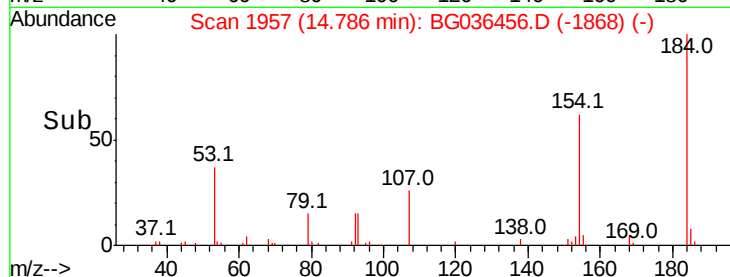
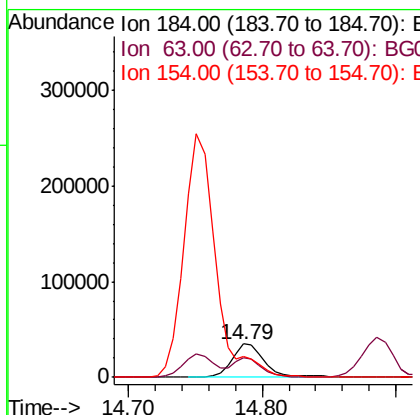
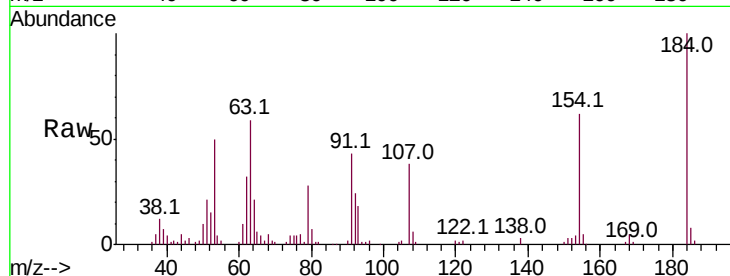




#53
 2,4-Dinitrophenol
 Concen: 57.079 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

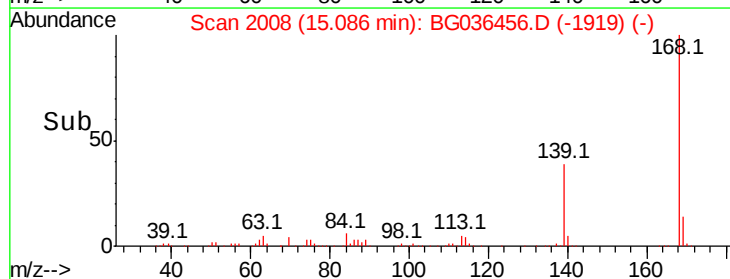
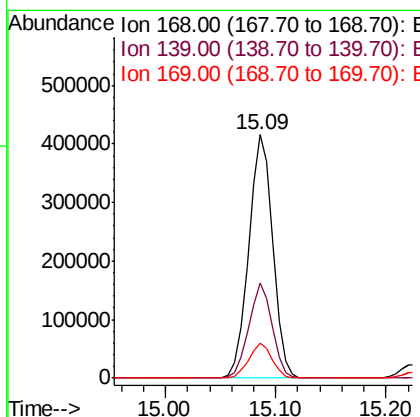
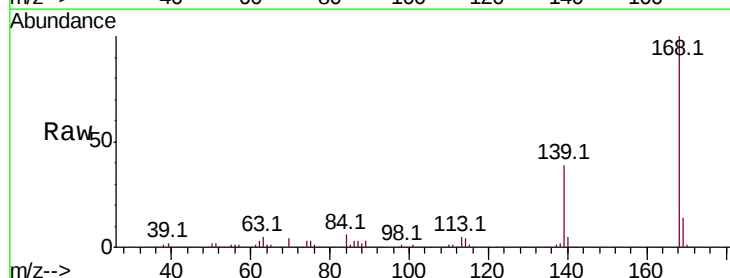
Instrument :
 BNA_G
 ClientSampleId :

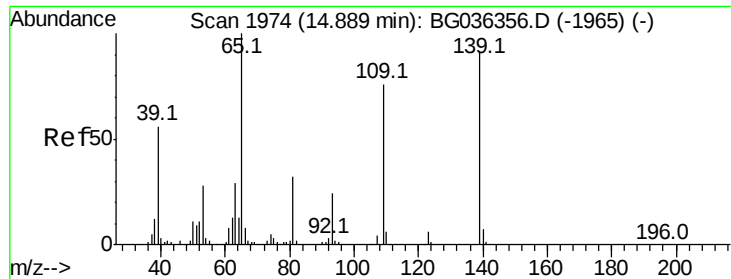
Tot Ion:184 Resp: 58813
 Ion Ratio Lower Upper
 184 100
 63 59.3 47.3 70.9
 154 61.6 51.1 76.7



#54
 Dibenzofuran
 Concen: 39.322 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion:168 Resp: 632604
 Ion Ratio Lower Upper
 168 100
 139 38.9 31.0 46.6
 169 14.4 11.1 16.7

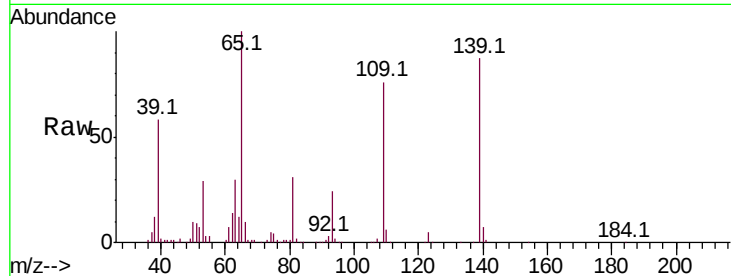




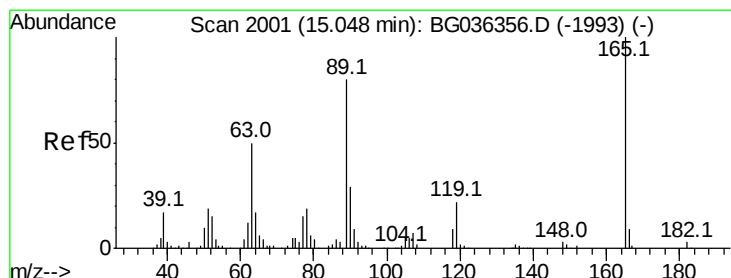
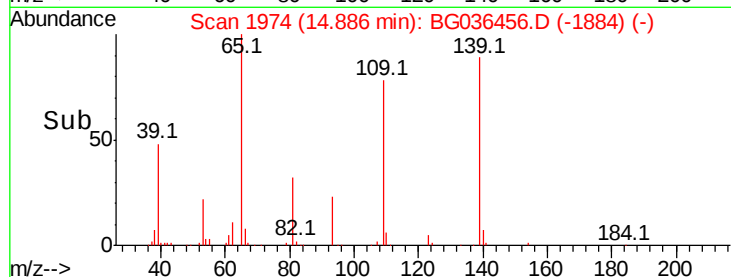
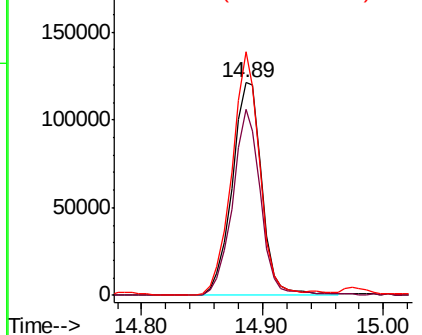
#55
4-Nitrophenol
Concen: 86.512 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.6	63.9	103.9
65	114.6	90.0	130.0



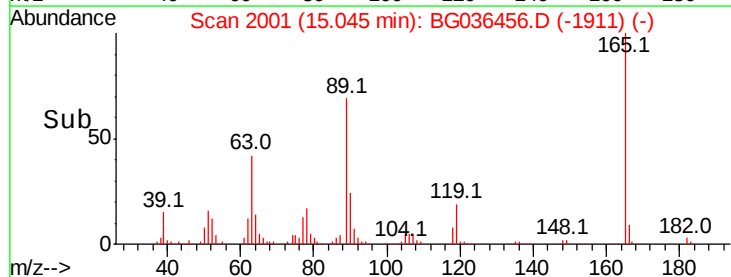
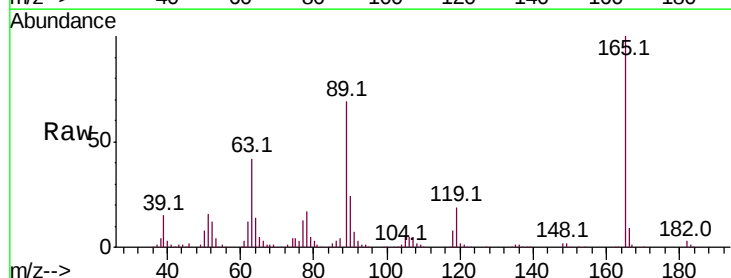
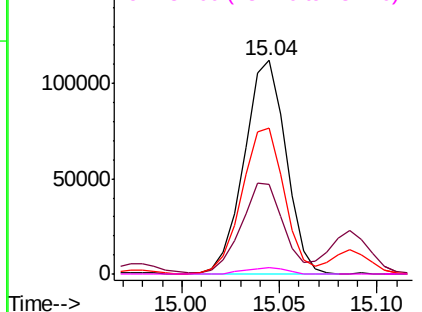
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

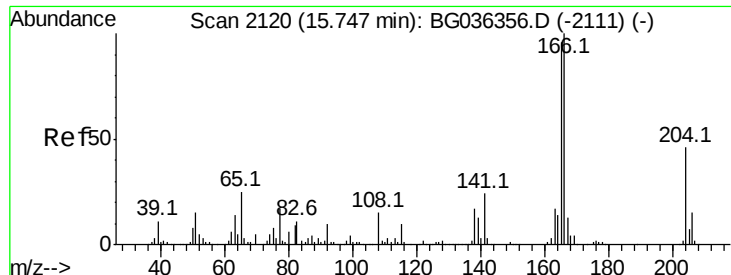


#56
2,4-Dinitrotoluene
Concen: 46.790 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	40.1	60.1
89	68.6	63.7	95.5
182	3.1	2.5	3.7

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

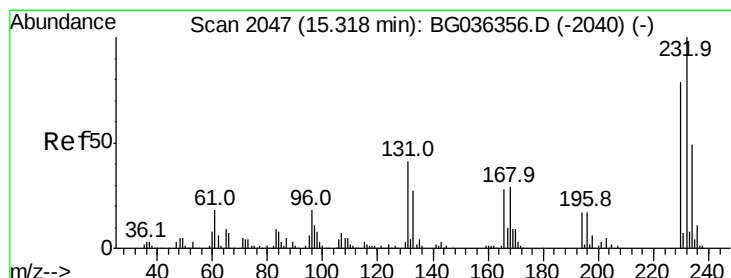
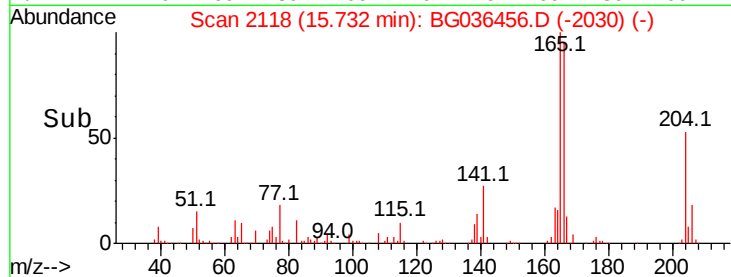
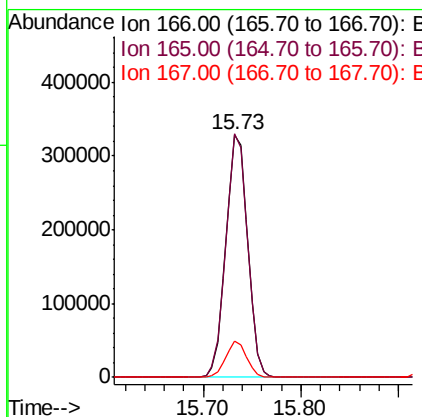
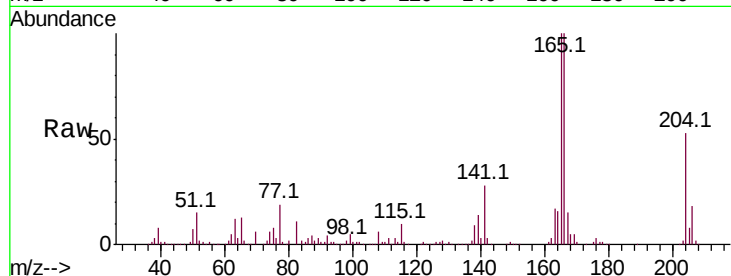




#57
 Fluorene
 Concen: 42.462 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

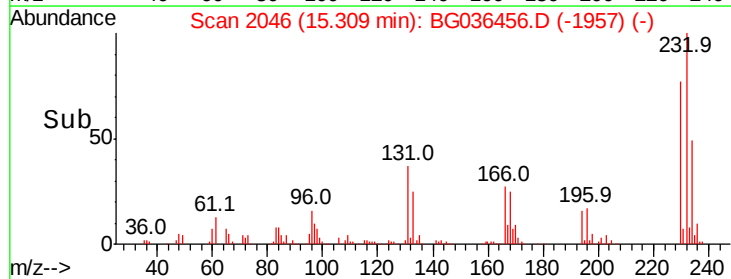
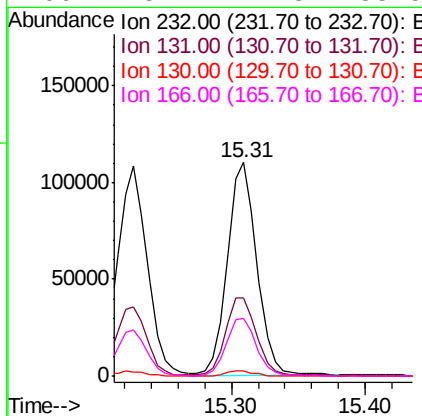
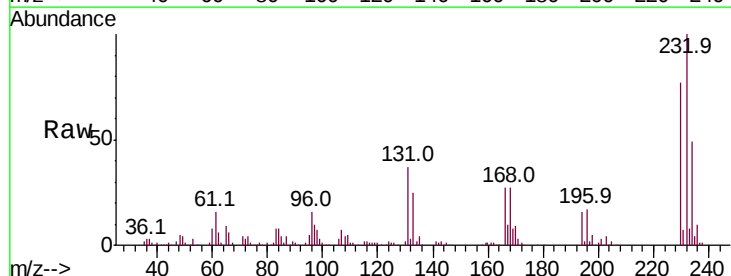
Instrument :
 BNA_G
 ClientSampleId :

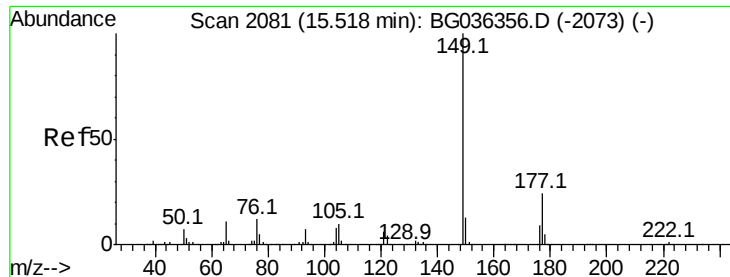
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.0	115.4
167	15.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.616 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.8	50.8
130	2.3	2.1	3.1
166	28.2	22.3	33.5

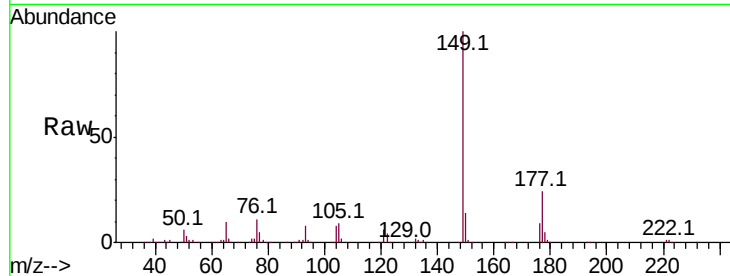




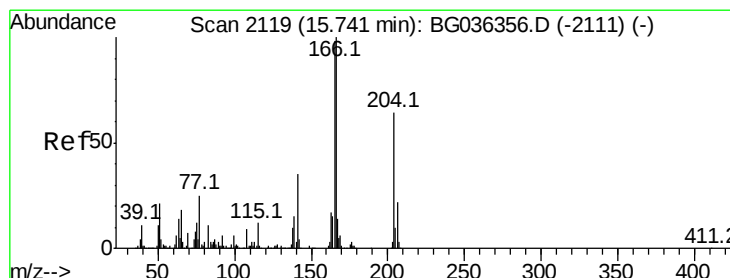
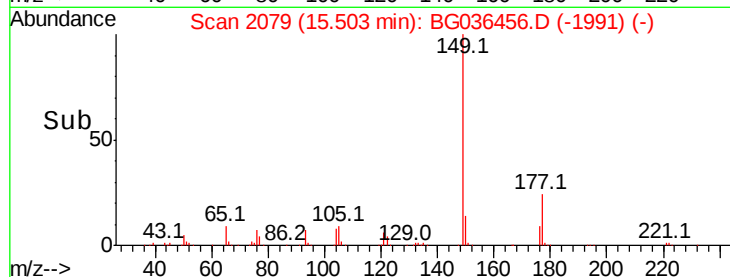
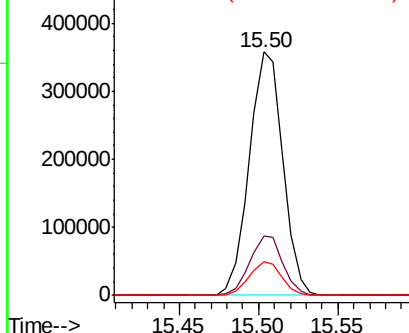
#59
Diethylphthalate
Concen: 39.530 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.6	10.7	16.1

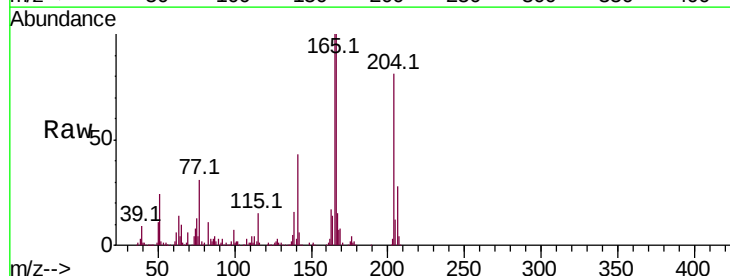


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

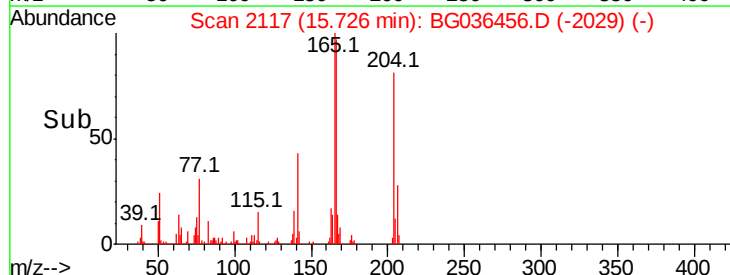
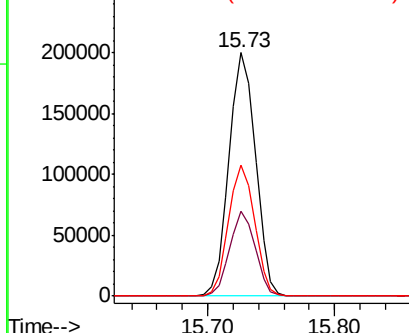


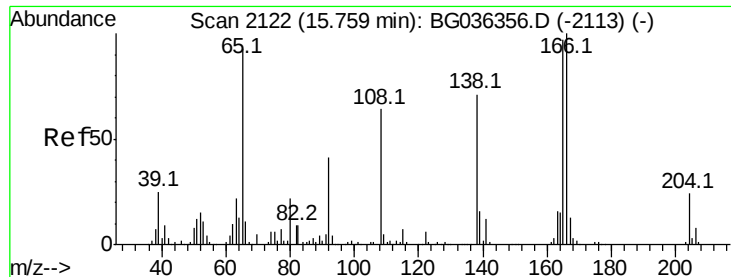
#60
4-Chlorophenyl-phenylether
Concen: 39.023 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.0	40.4
141	53.6	43.8	65.6



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

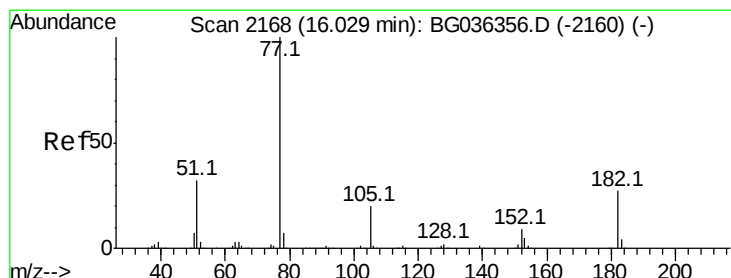
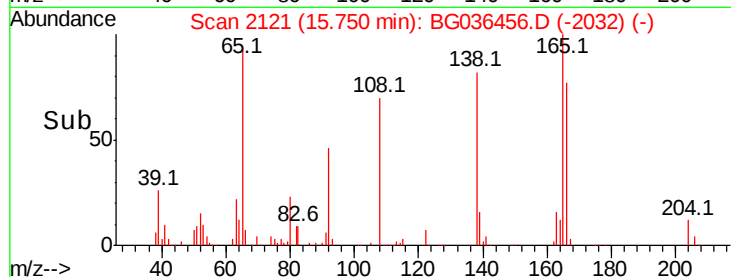
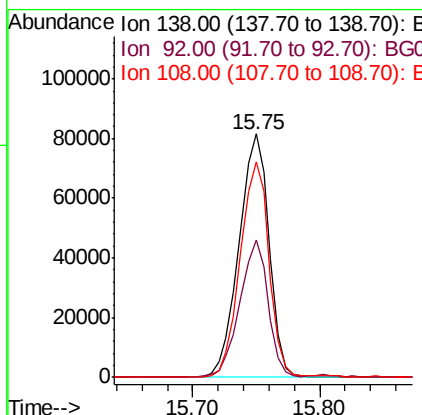
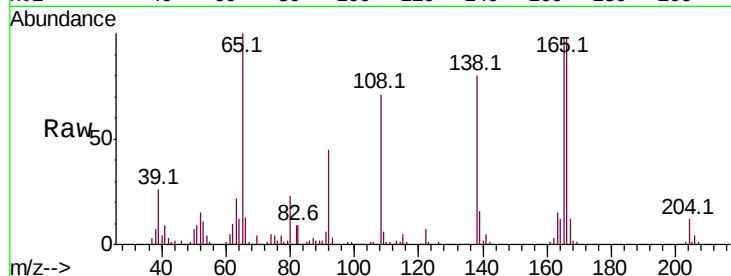




#61
4-Nitroaniline
Concen: 43.726 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

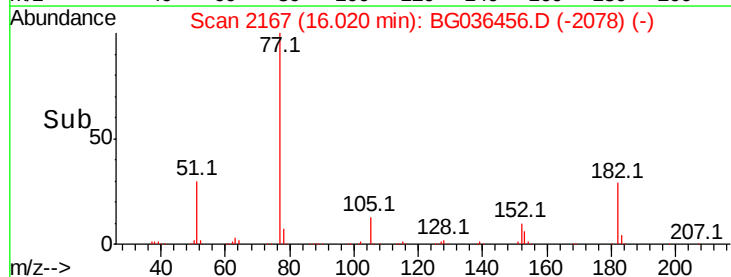
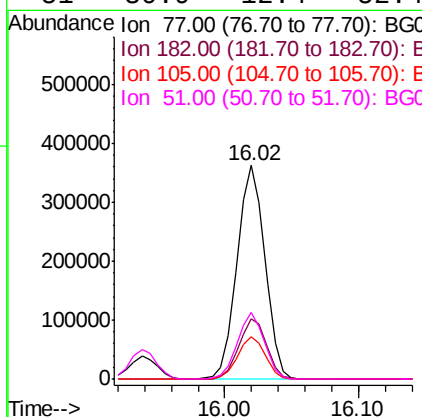
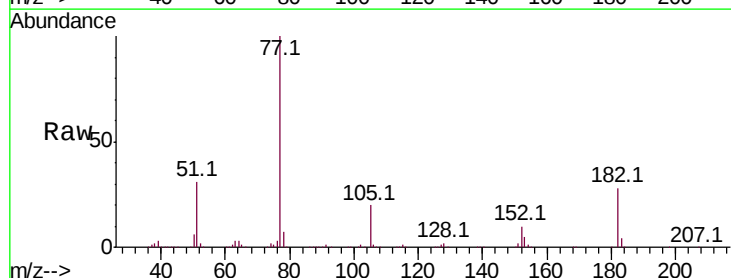
Instrument :
BNA_G
ClientSampled :

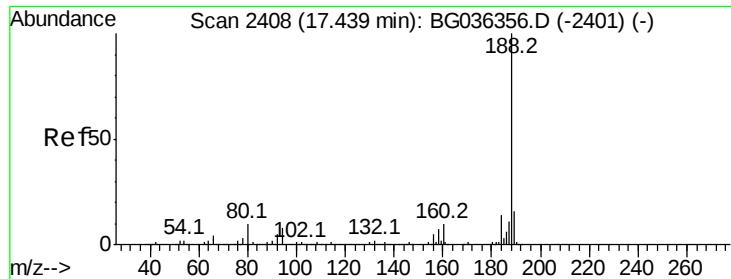
Tot Ion:138 Resp: 134133
Ion Ratio Lower Upper
138 100
92 56.2 38.5 78.5
108 88.7 70.3 110.3



#62
Azobenzene
Concen: 38.718 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion: 77 Resp: 524845
Ion Ratio Lower Upper
77 100
182 28.1 6.7 46.7
105 19.8 0.0 39.8
51 30.9 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

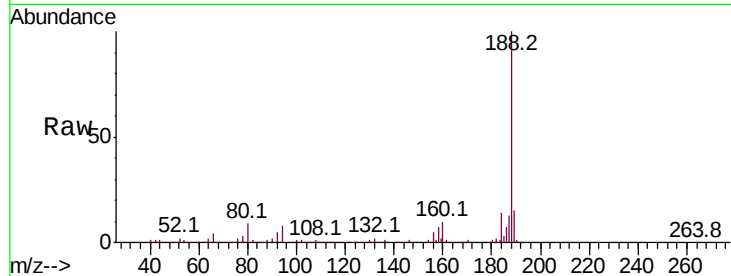
Tot Ion:188 Resp: 422812

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

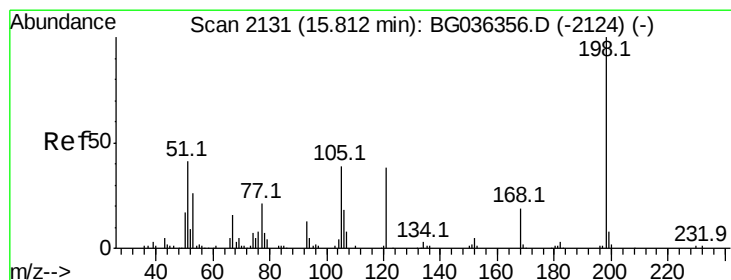
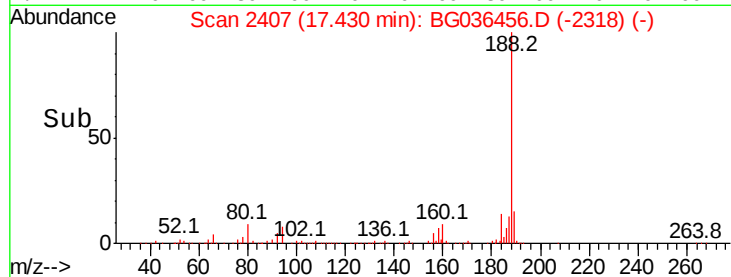
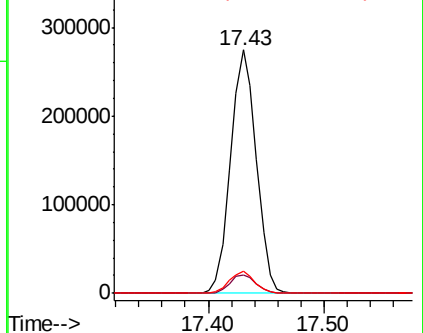
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.237 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

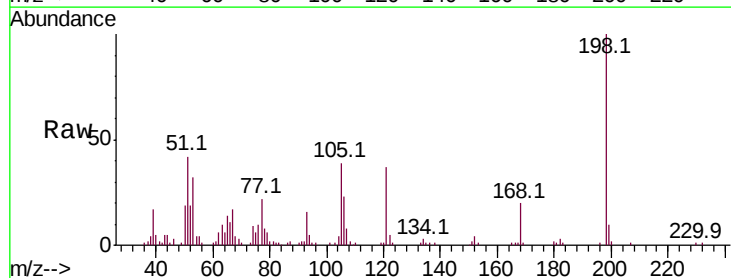
Tgt Ion:198 Resp: 63589

Ion Ratio Lower Upper

198 100

51 42.3 26.5 66.5

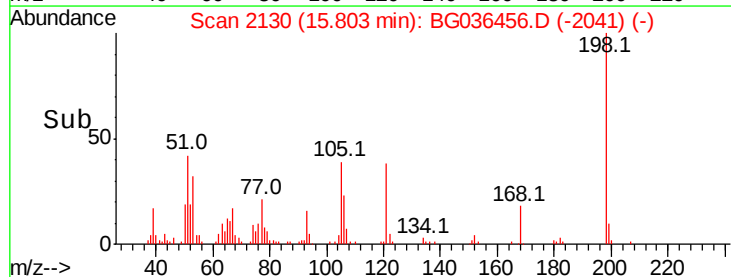
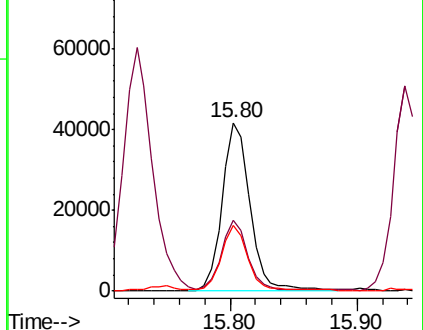
105 39.2 20.2 60.2

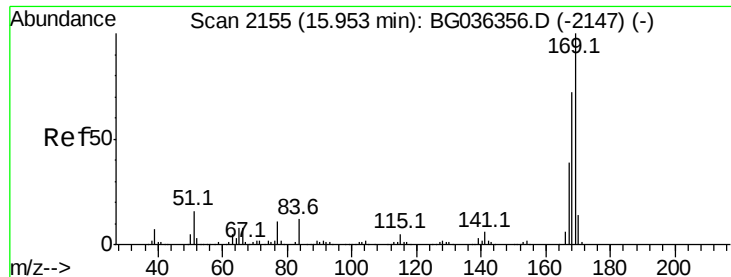


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.805 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampled :

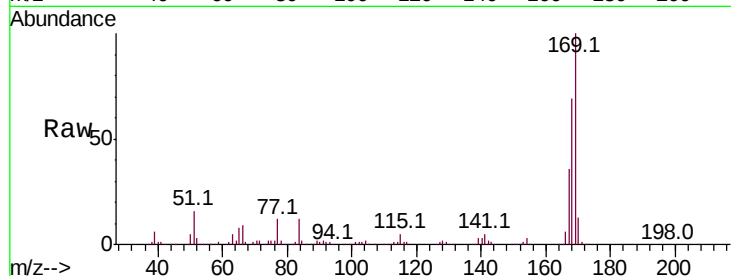
Tot Ion:169 Resp: 474954

Ion Ratio Lower Upper

169 100

168 68.5 57.6 86.4

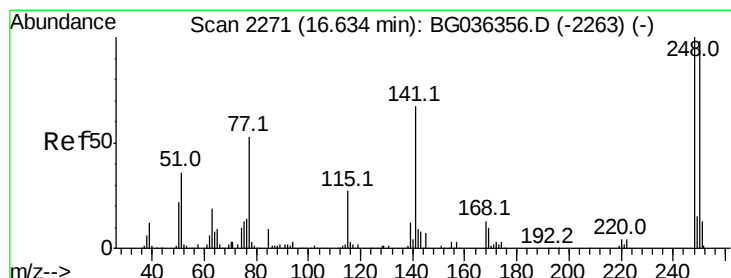
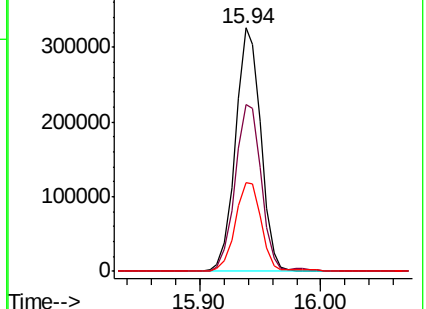
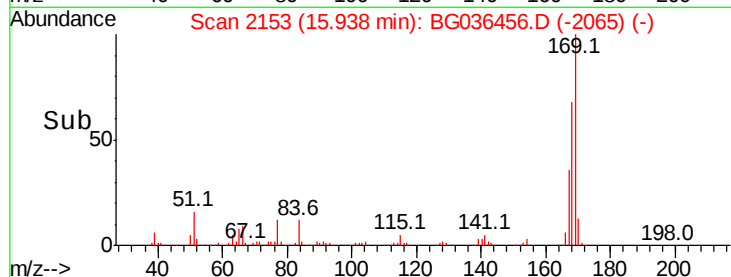
167 36.4 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.883 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

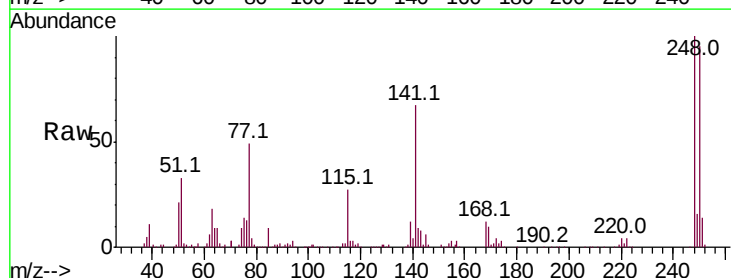
Tgt Ion:248 Resp: 192481

Ion Ratio Lower Upper

248 100

250 95.0 78.1 117.1

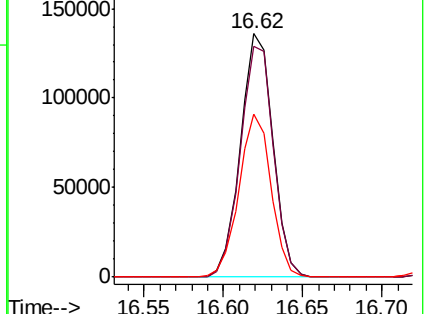
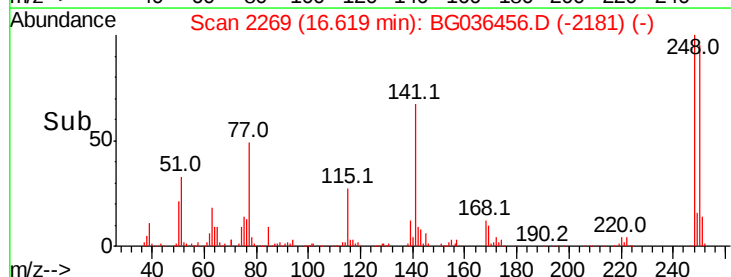
141 67.1 53.7 80.5

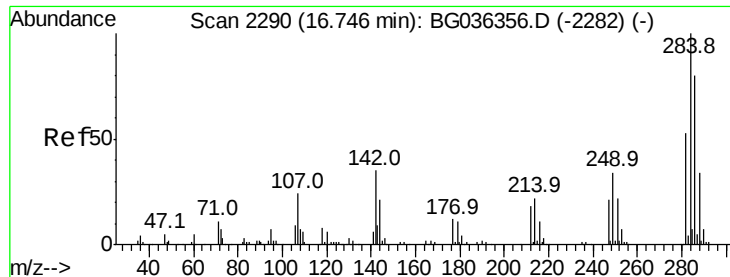


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.835 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

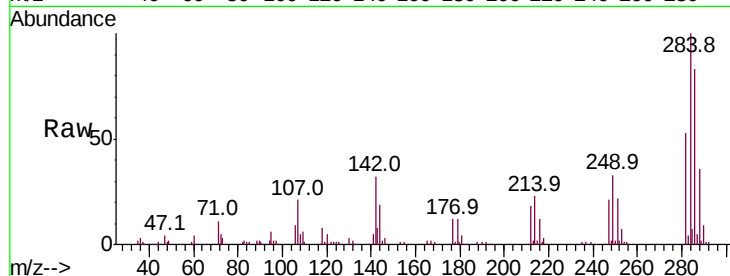
Tot Ion:284 Resp: 191515

Ion Ratio Lower Upper

284 100

142 32.2 27.8 41.6

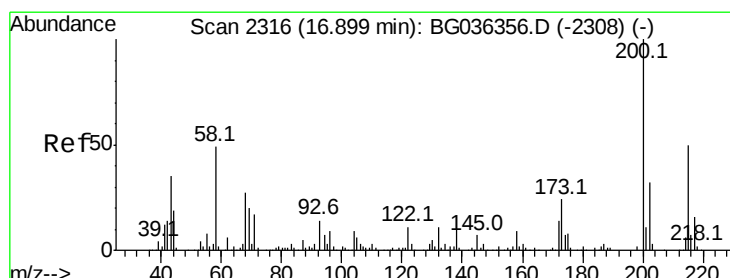
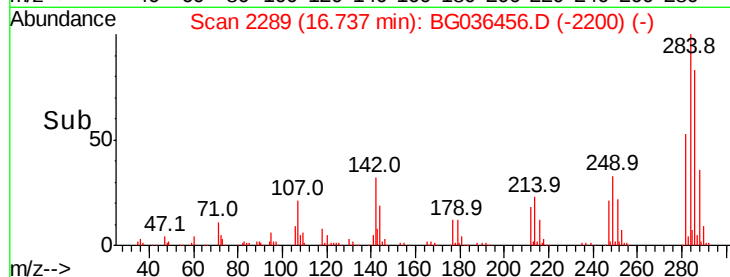
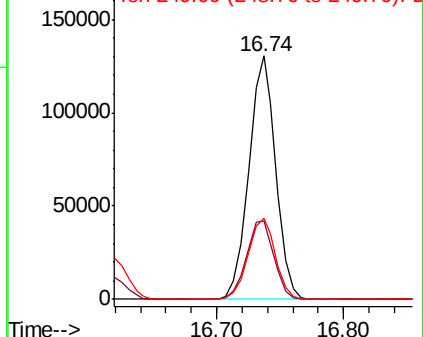
249 33.5 27.4 41.2



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: 42.623 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

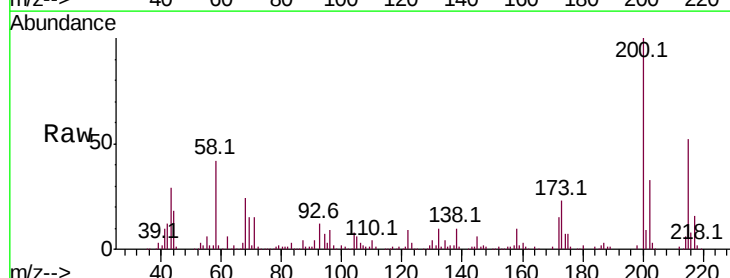
Tgt Ion:200 Resp: 200991

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

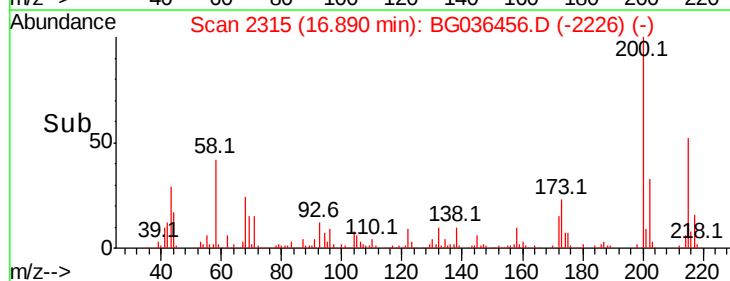
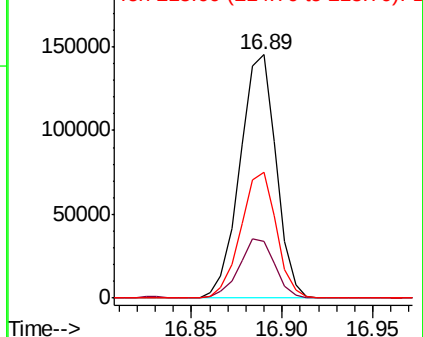
215 51.7 30.4 70.4

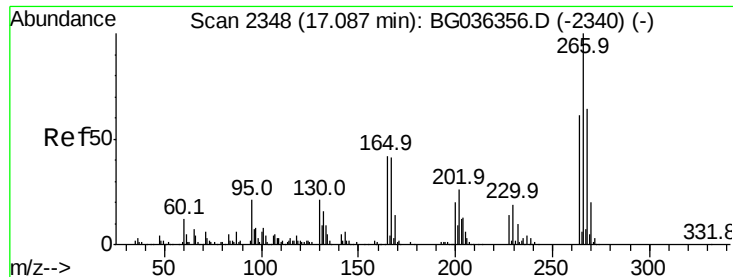


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

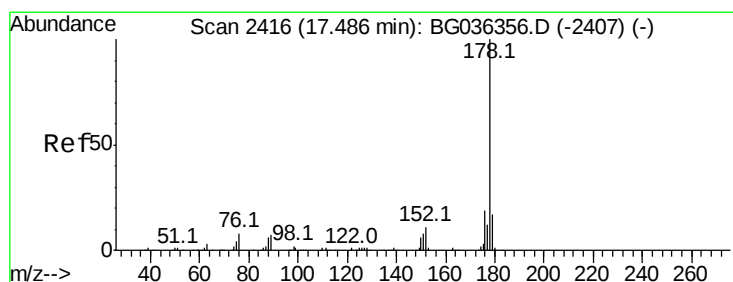
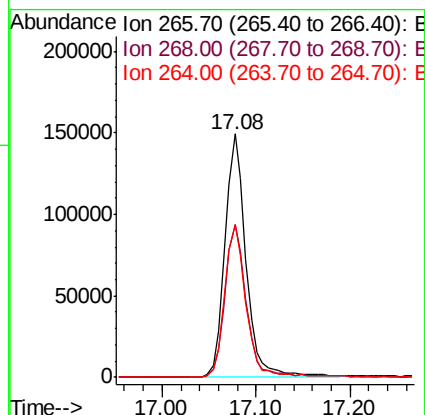
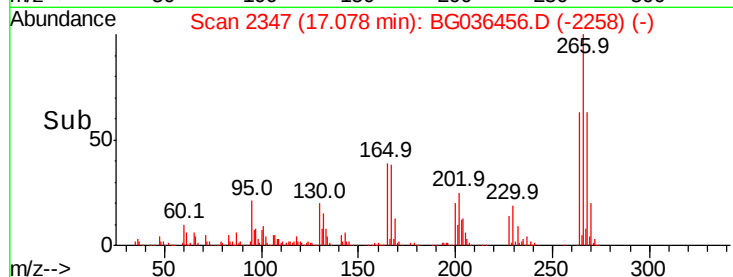
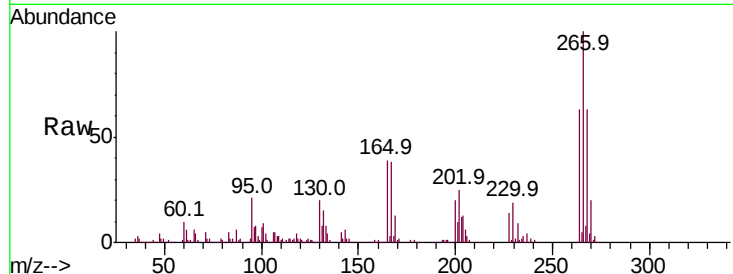




#69
 Pentachlorophenol
 Concen: 68.336 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

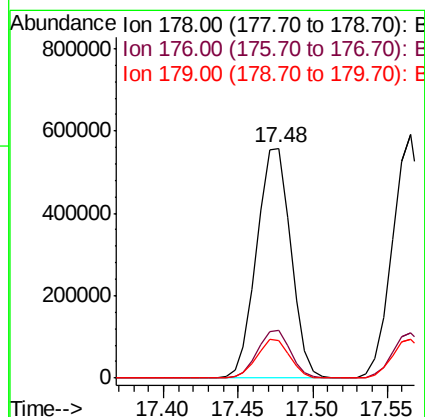
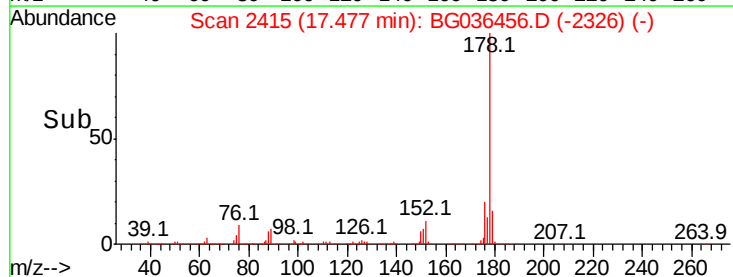
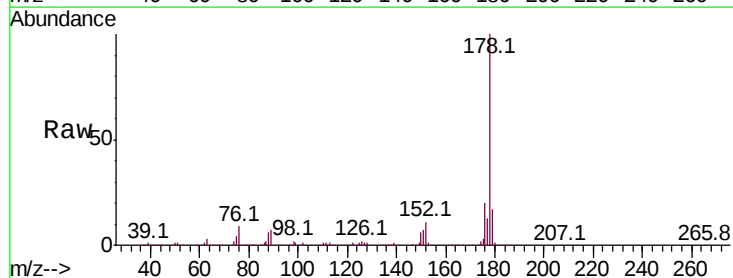
Instrument :
 BNA_G
 ClientSampleId :

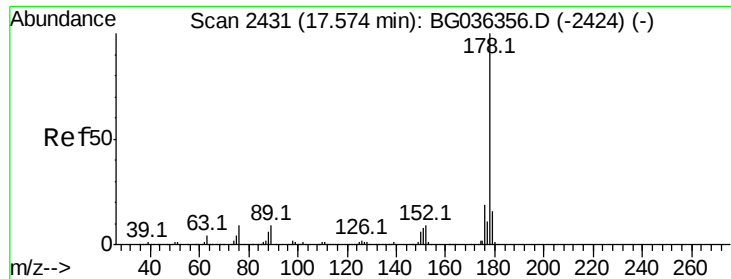
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.2
264	62.7	48.9	73.3



#70
 Phenanthrene
 Concen: 41.127 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	16.5	13.4	20.2

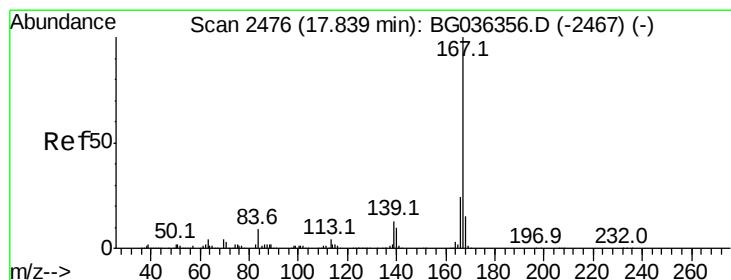
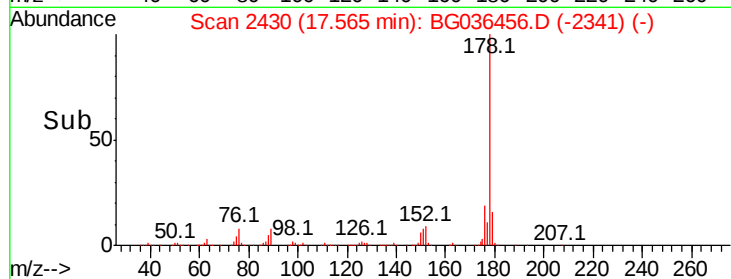
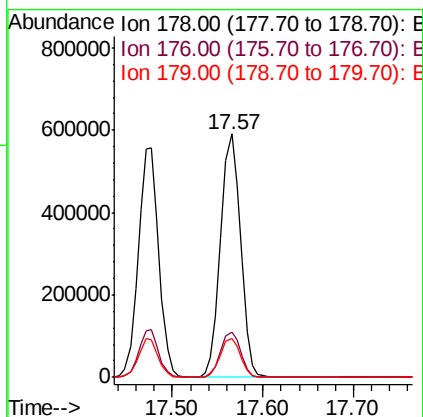
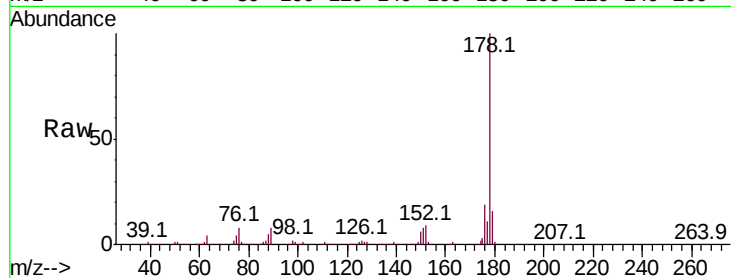




#71
 Anthracene
 Concen: 42.263 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

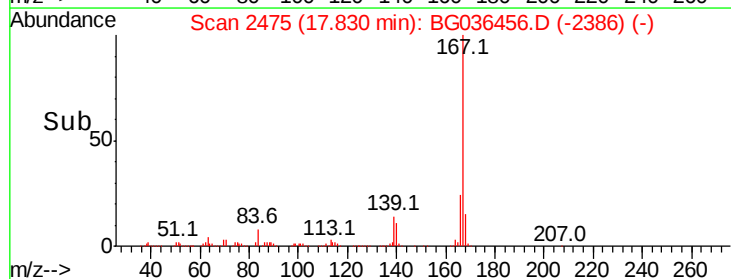
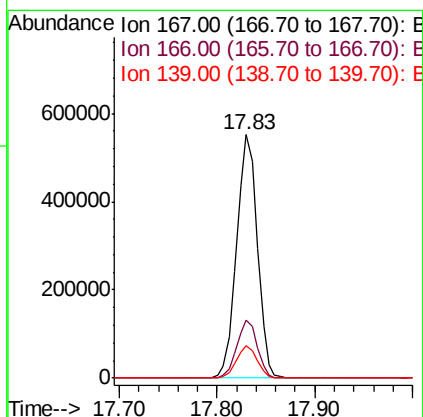
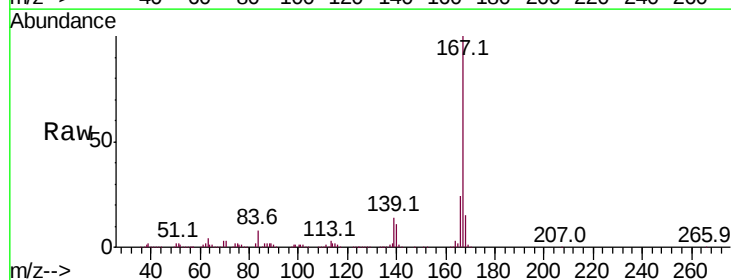
Instrument :
 BNA_G
 ClientSampleId :

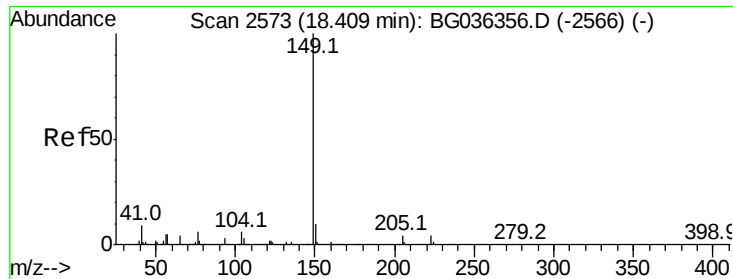
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	13.0	19.4



#72
 Carbazole
 Concen: 38.134 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.5	29.3
139	13.5	10.7	16.1





#73

Di-n-butylphthalate

Concen: 39.432 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

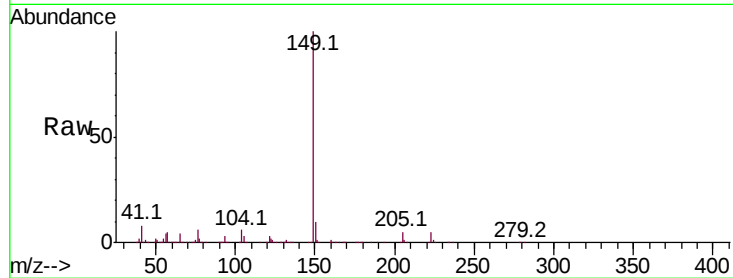
Tot Ion:149 Resp: 939138

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

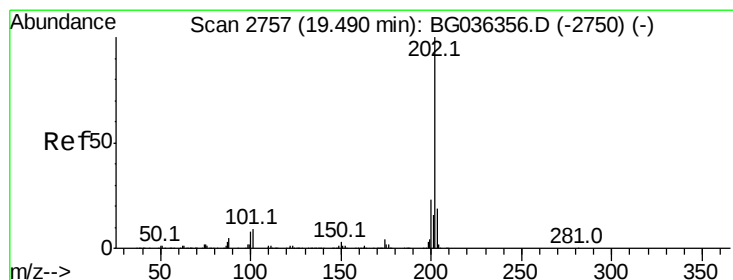
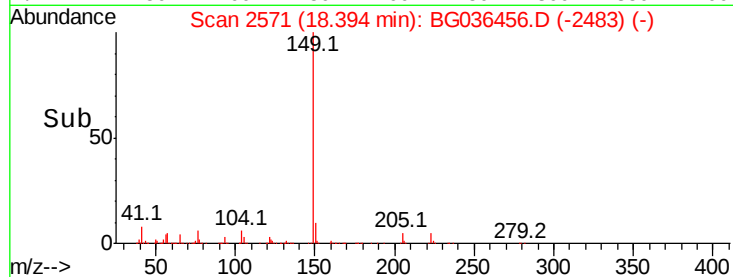
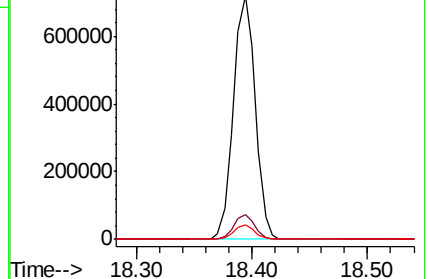
104 5.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.589 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

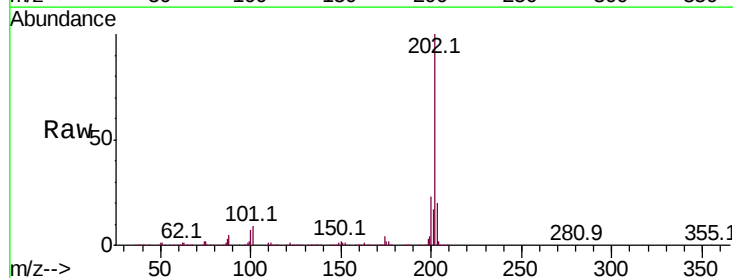
Tgt Ion:202 Resp: 1115562

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.4

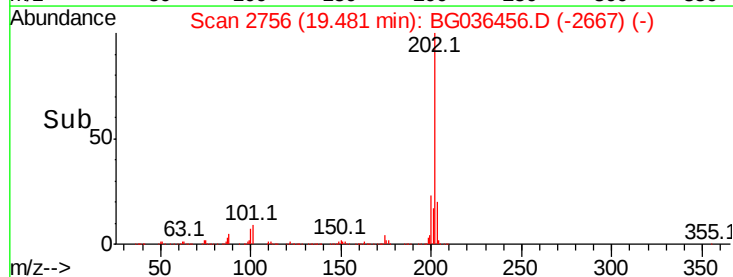
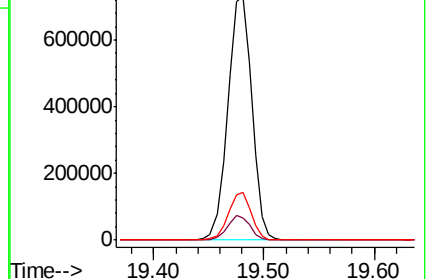
203 19.6 0.0 38.9

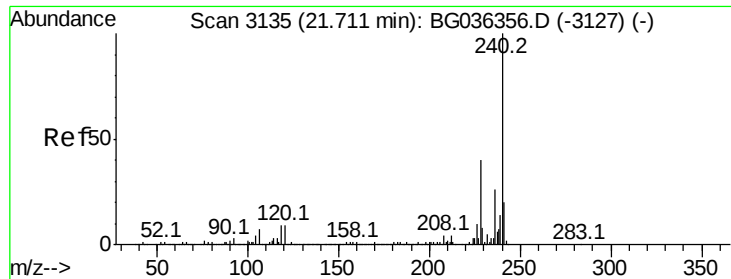


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

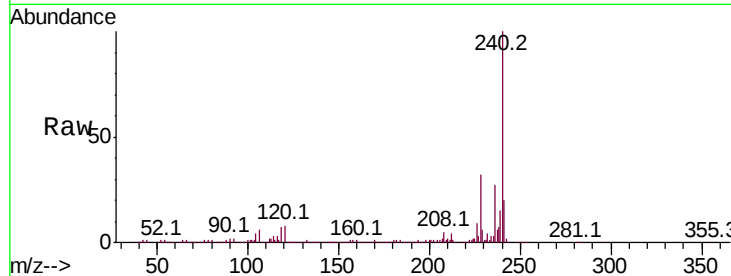
Tot Ion:240 Resp: 444492

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

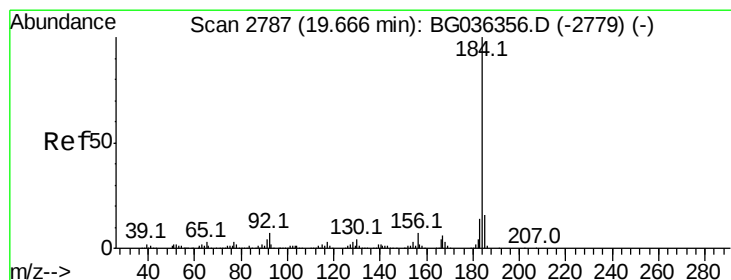
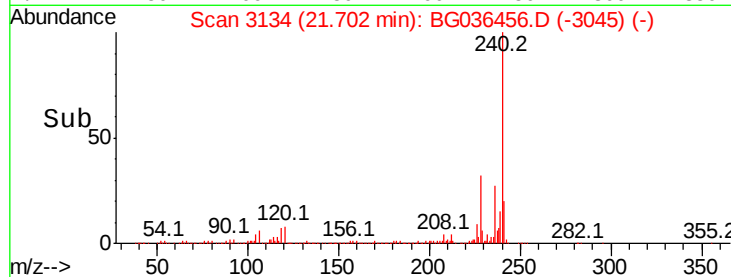
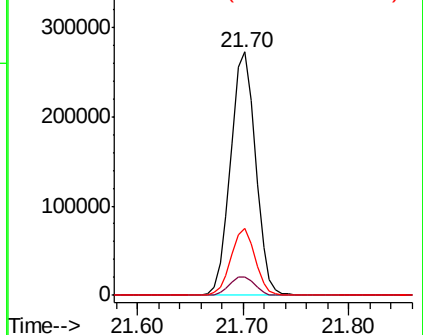
236 27.5 21.2 31.8



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: 38.286 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

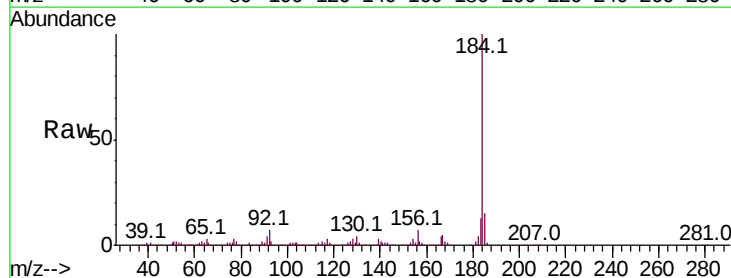
Tgt Ion:184 Resp: 542942

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

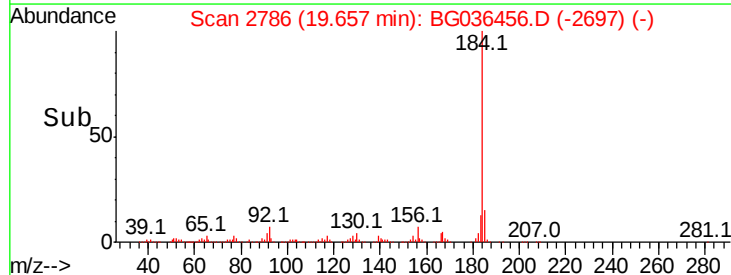
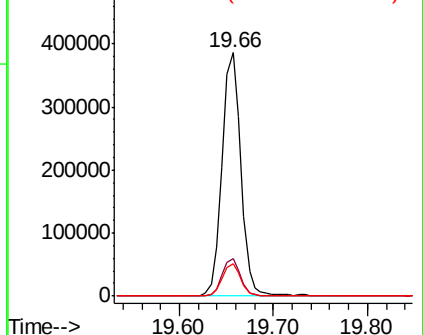
183 13.1 10.9 16.3

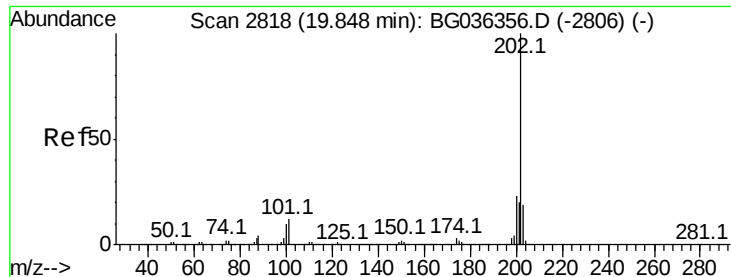


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.429 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

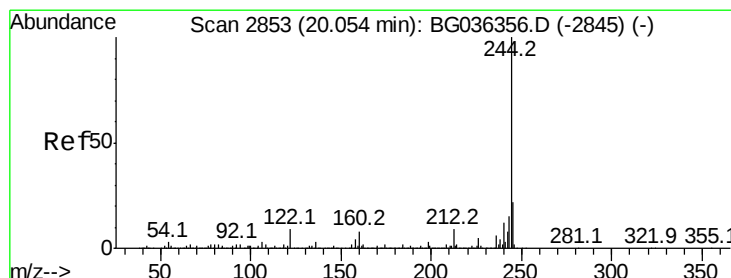
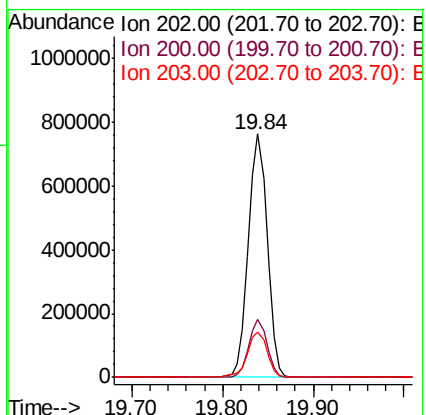
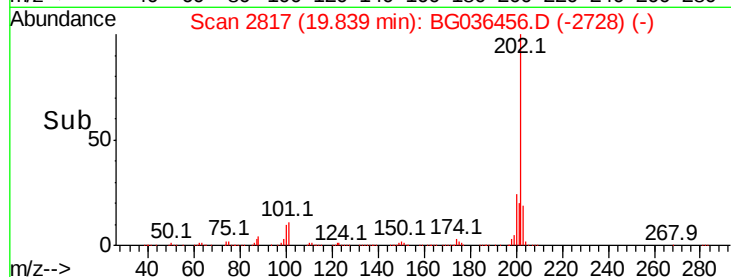
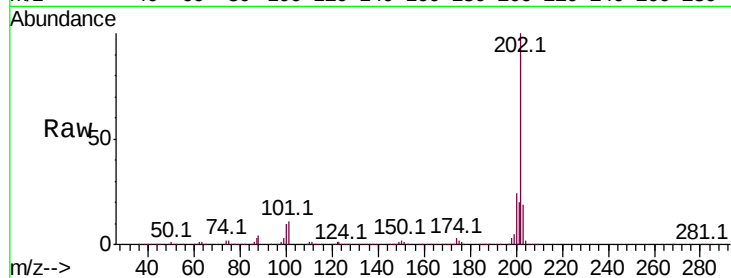
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1105061

Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	18.8	15.1	22.7



#78

Terphenyl-d14

Concen: 67.629 ng

RT: 20.04 min Scan# 2851

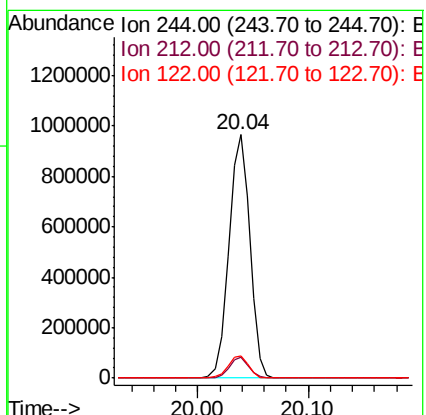
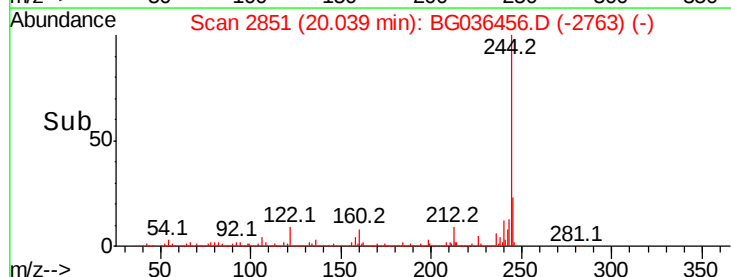
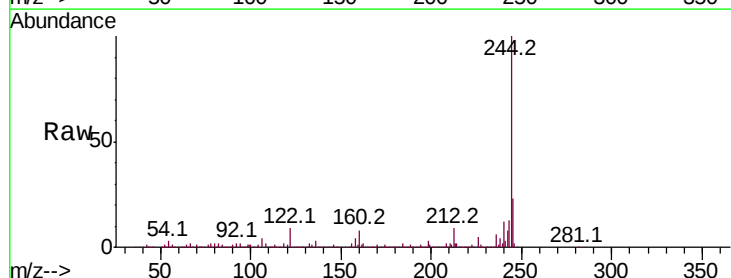
Delta R.T. -0.02 min

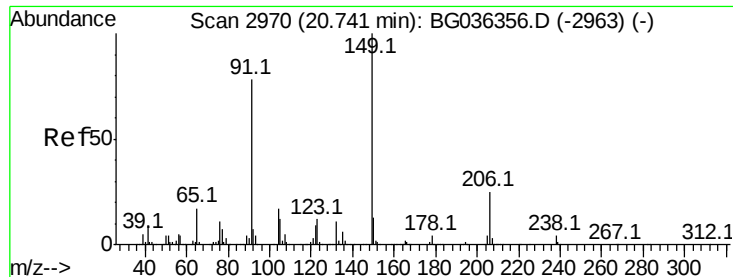
Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:244 Resp: 1286104

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.0	7.1	10.7

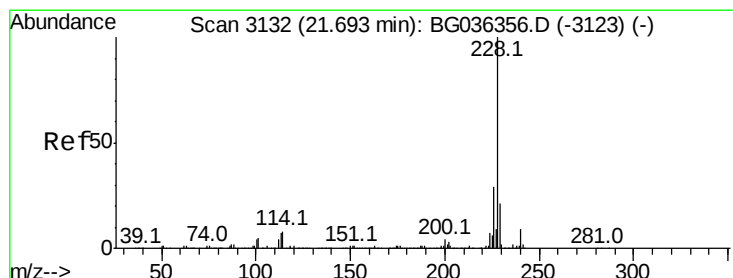
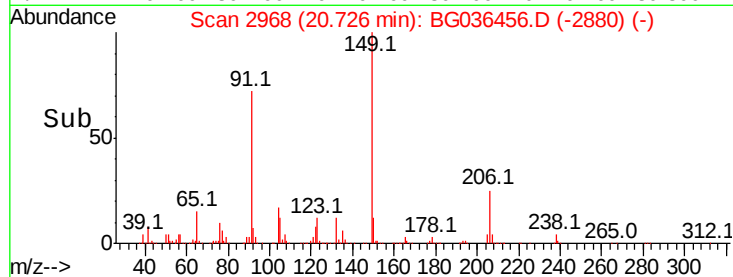
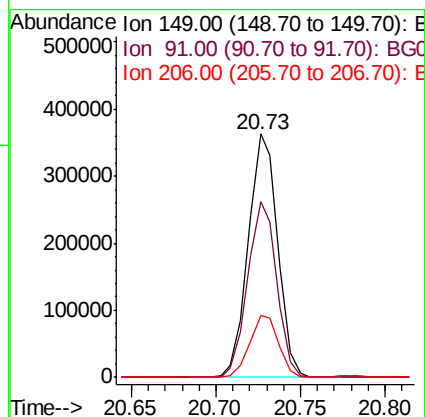
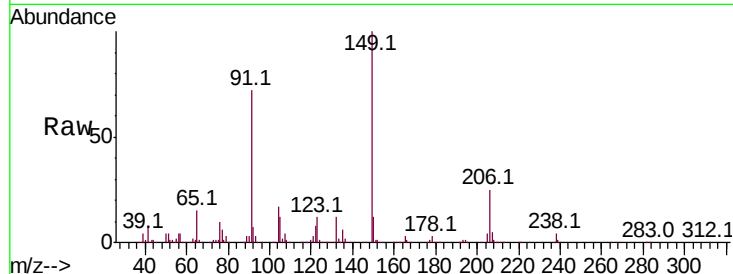




#79
Butylbenzylphthalate
Concen: 40.458 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

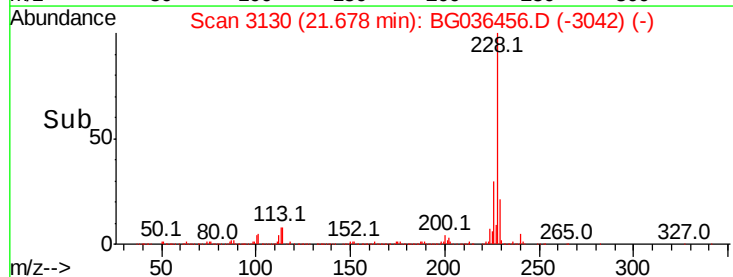
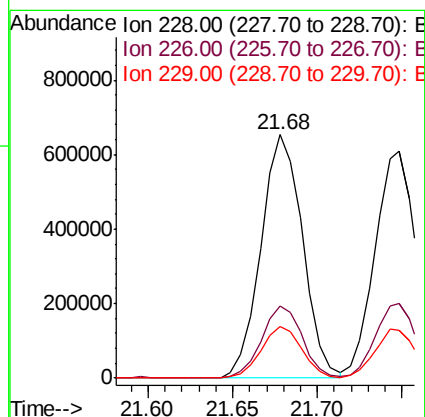
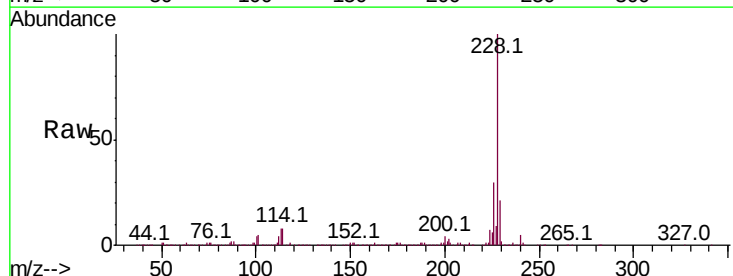
Instrument :
BNA_G
ClientSampled :

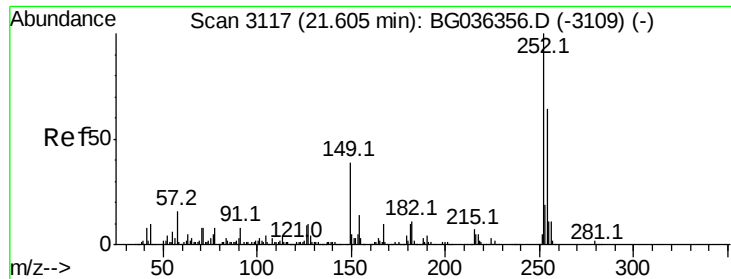
Tot Ion:149 Resp: 440097
Ion Ratio Lower Upper
149 100
91 72.3 62.0 93.0
206 25.2 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.515 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:228 Resp: 1117929
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.2 17.1 25.7

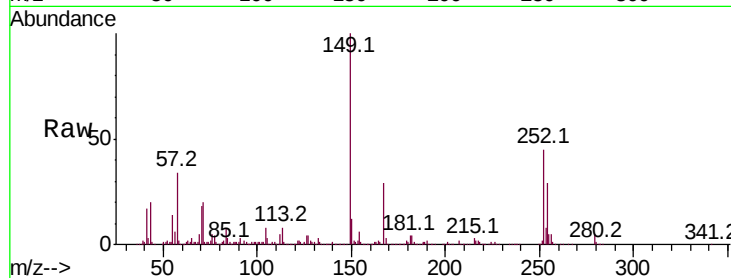




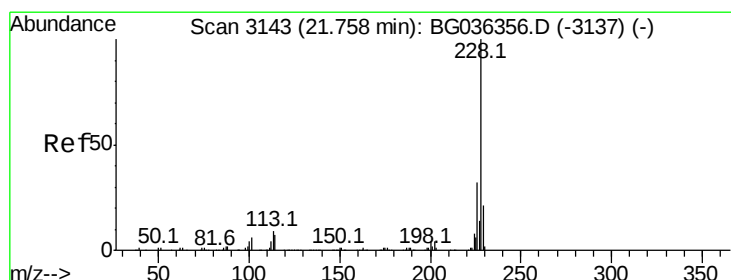
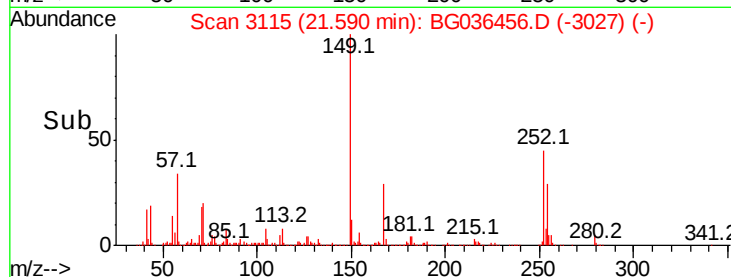
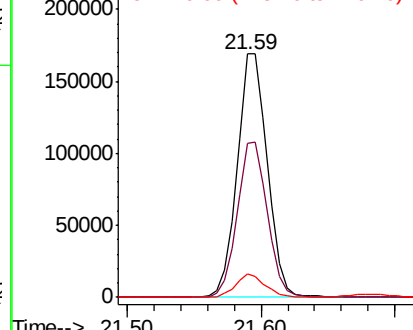
#81
 3,3'-Dichlorobenzidine
 Concen: 24.620 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 264222
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.0 76.4
 126 9.4 7.4 11.0

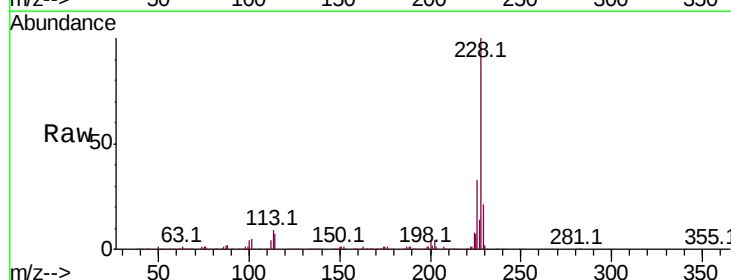


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

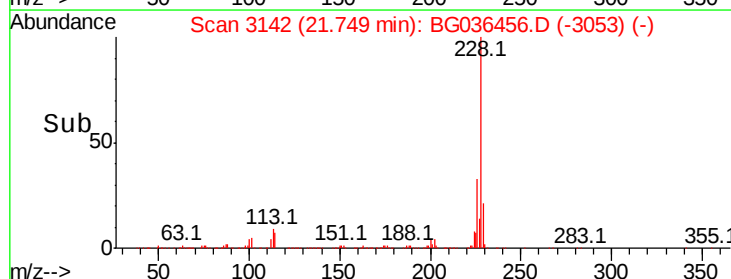
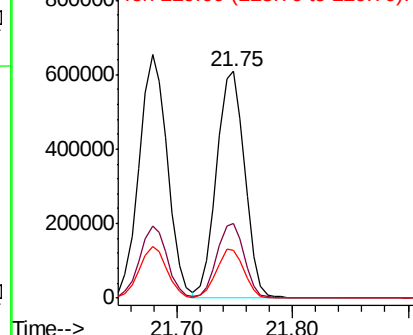


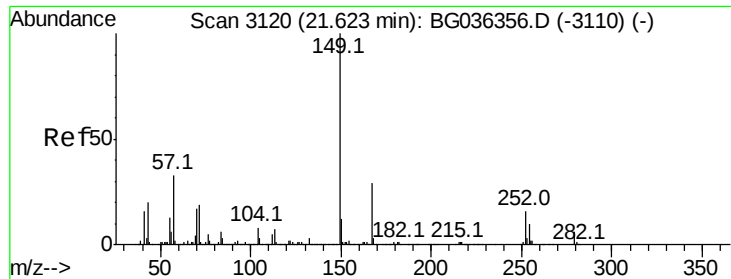
#82
 Chrysene
 Concen: 40.279 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion:228 Resp: 1028091
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.5 38.3
 229 21.4 16.9 25.3



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

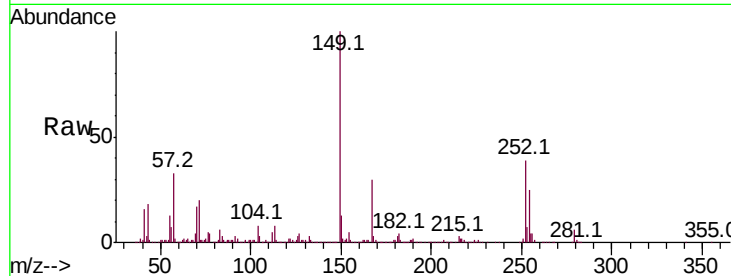




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.769 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.03 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.4	35.0
279	5.9	4.6	7.0

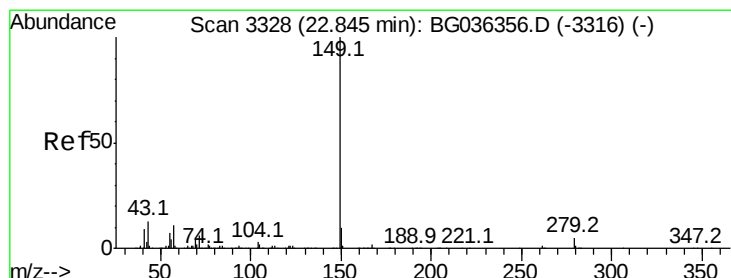
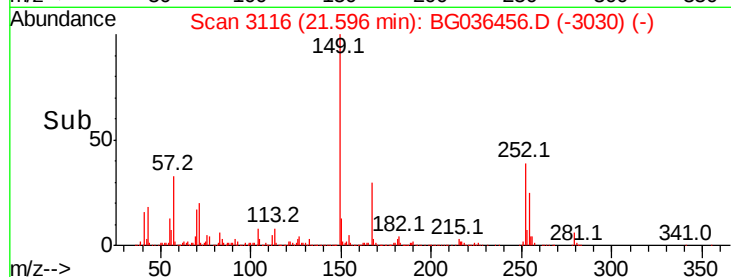
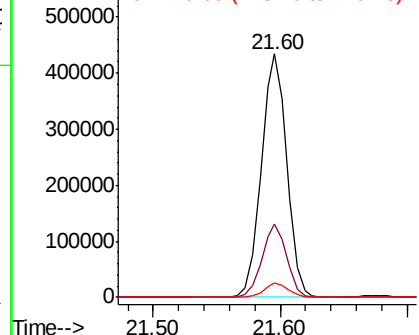


Abundance

Ion 149.00 (148.70 to 149.70): E

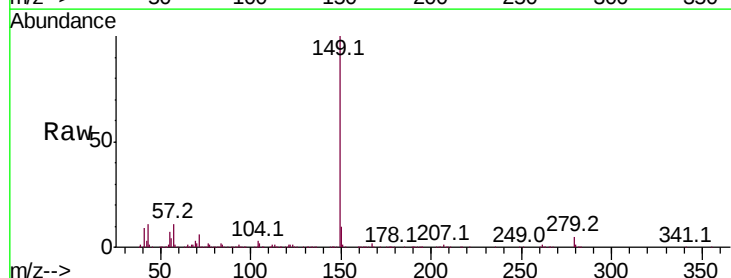
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.654 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.03 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	10.0	15.0

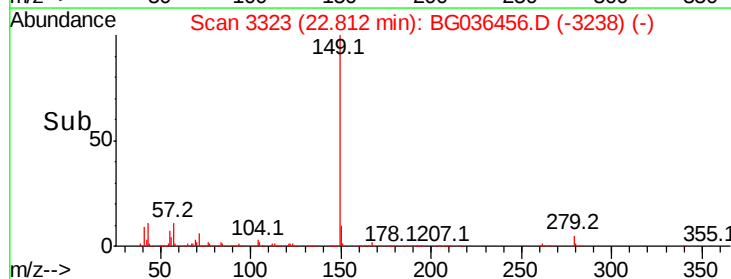
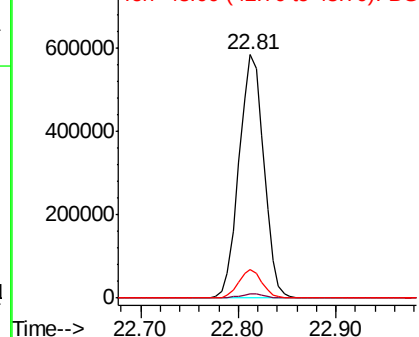


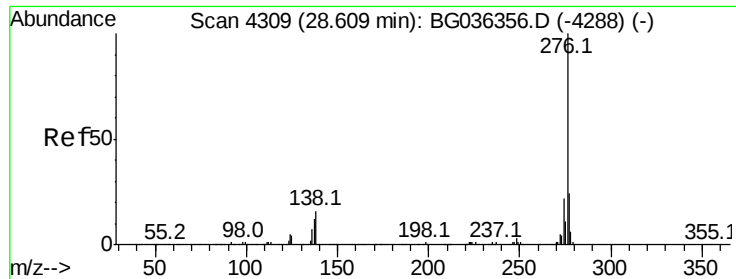
Abundance

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



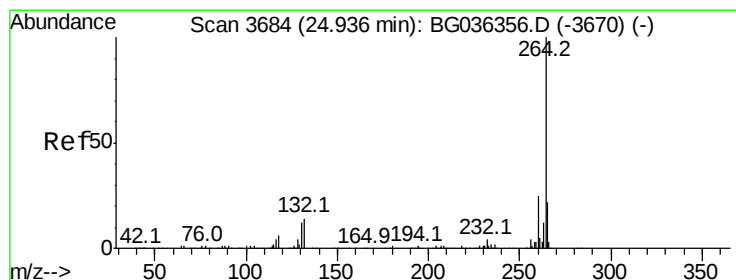
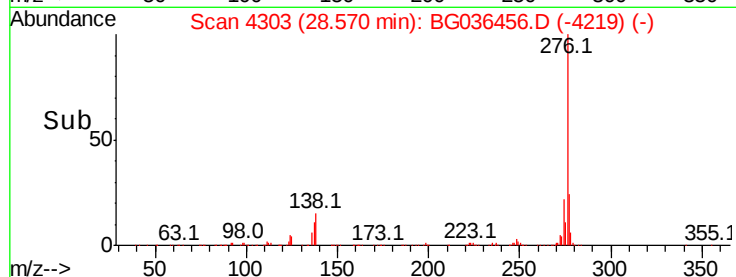
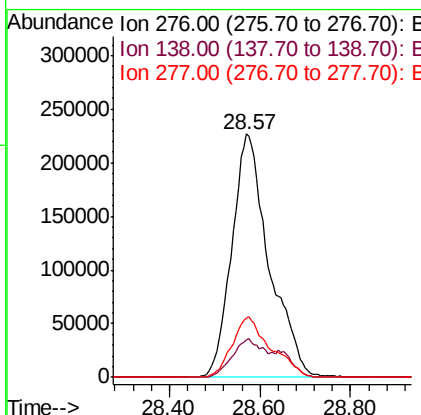
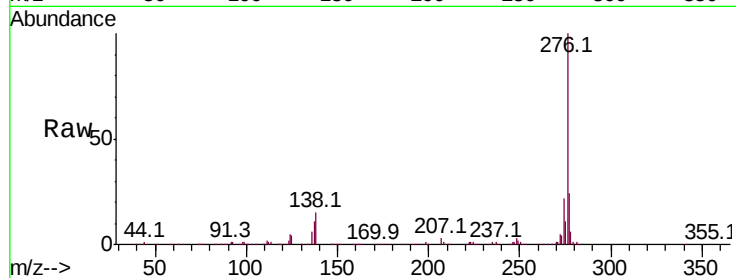


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.626 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. -0.04 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1293330

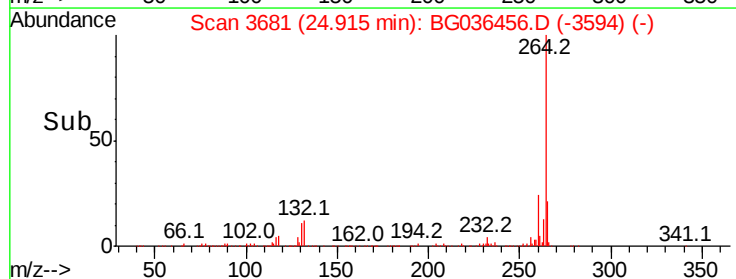
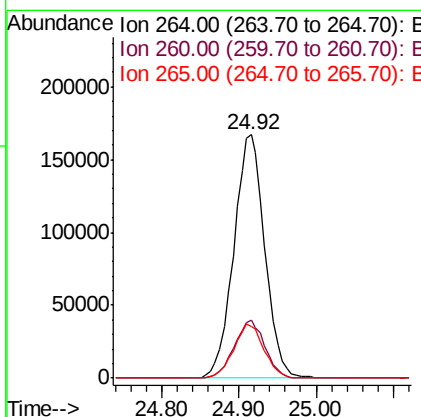
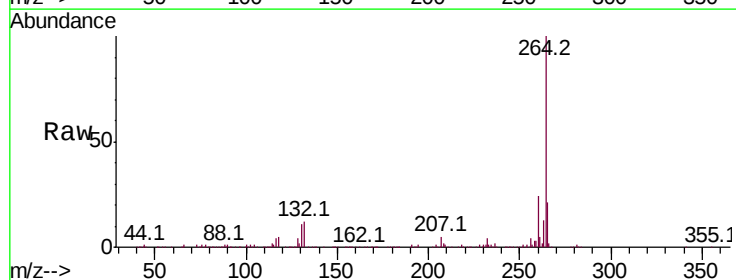
Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.6	15.8
277	25.7	20.6	30.8

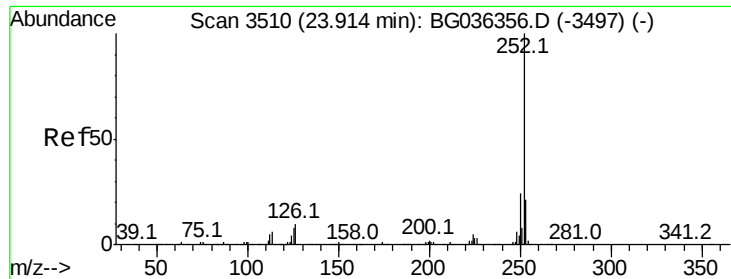


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion:264 Resp: 468454

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.1	17.4	26.0

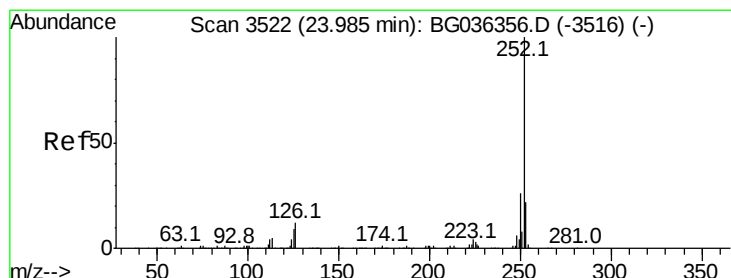
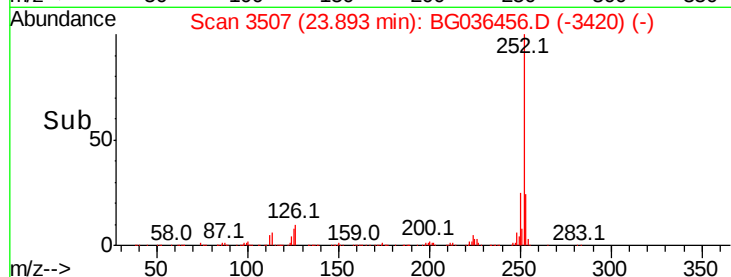
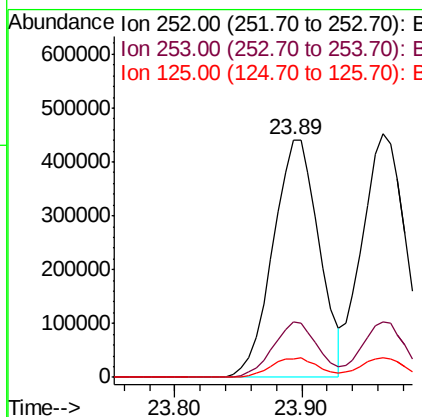
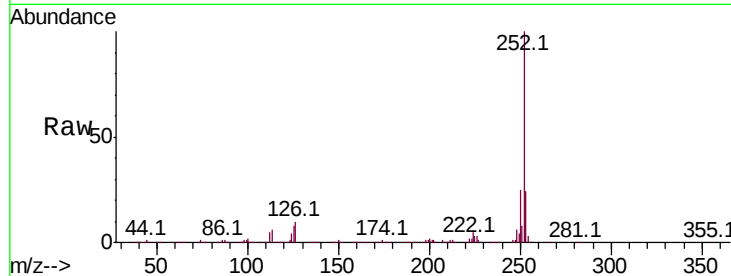




#87
Benzo(b)fluoranthene
Concen: 42.817 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

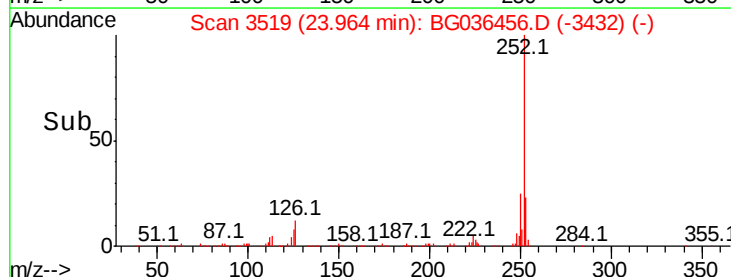
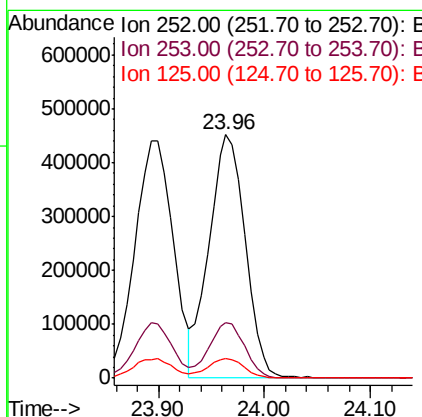
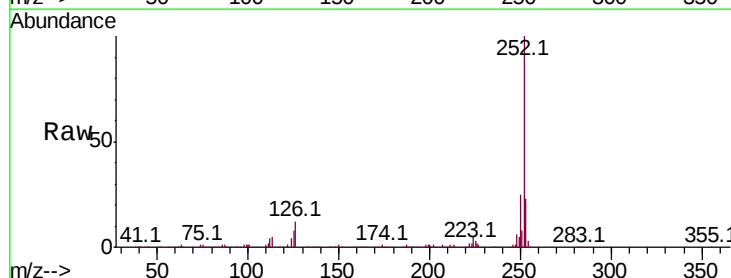
Instrument :
BNA_G
ClientSampleId :

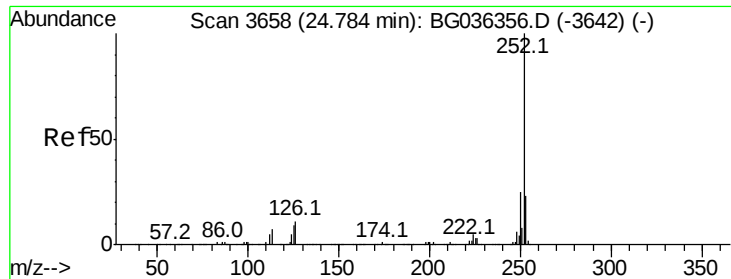
Tot Ion:252 Resp: 1113815
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 8.0 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.231 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:252 Resp: 1073252
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 43.774 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

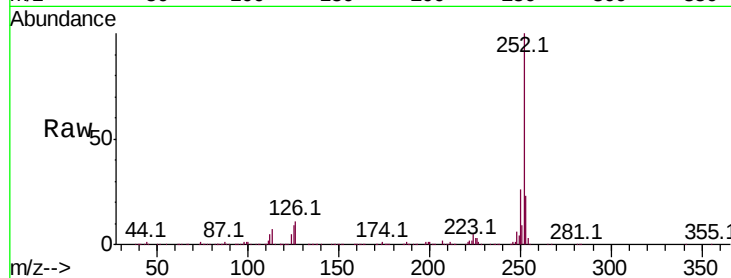
Tot Ion:252 Resp: 1094214

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.1	7.3	10.9

252 100

253 23.1 18.2 27.2

125 9.1 7.3 10.9

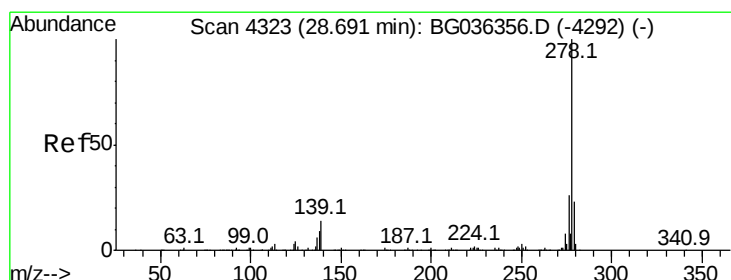
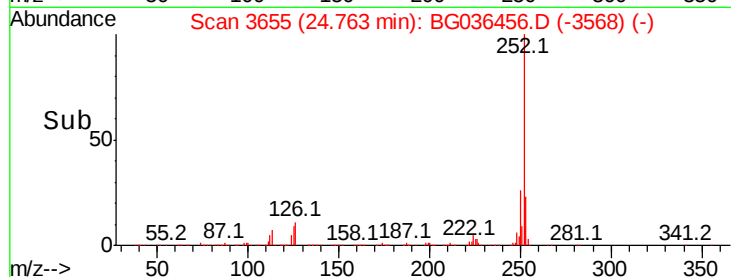
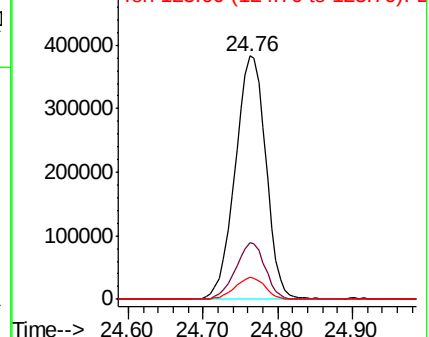


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.130 ng

RT: 28.65 min Scan# 4316

Delta R.T. -0.04 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

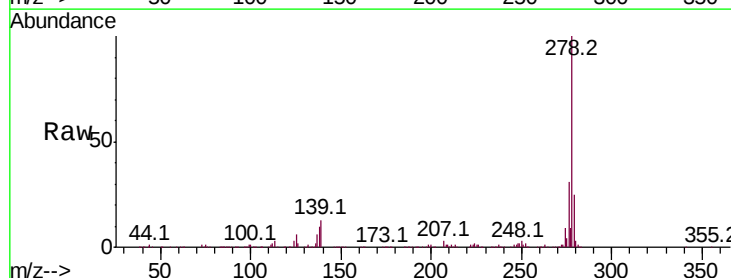
Tgt Ion:278 Resp: 1040818

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.0	16.4
279	25.4	18.7	28.1

278 100

139 12.8 11.0 16.4

279 25.4 18.7 28.1

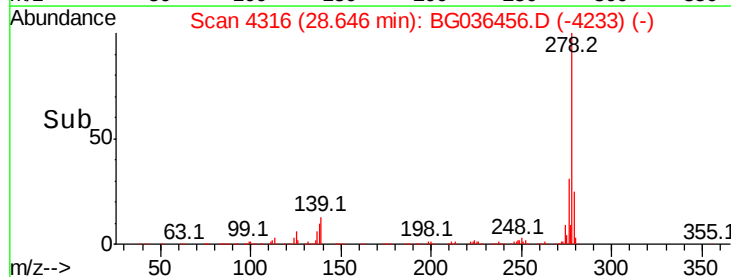
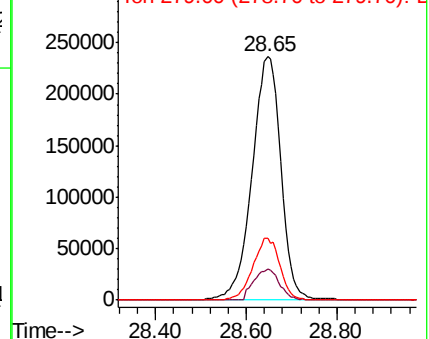


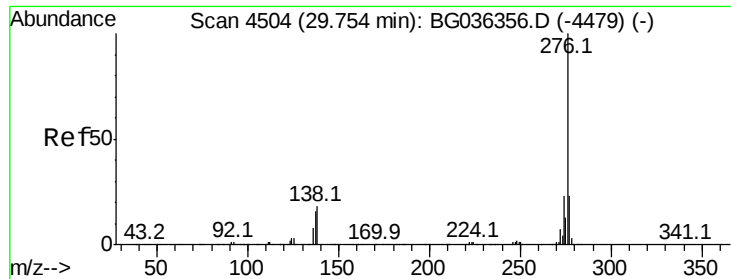
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.519 ng

RT: 29.72 min Scan# 4498

Delta R.T. -0.04 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

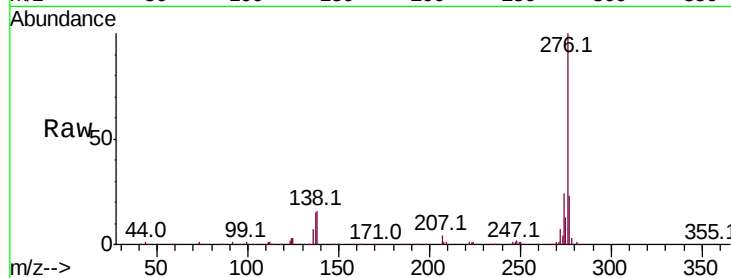
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1079612

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	16.5	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

