

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036470.D
 Acq On : 28 Aug 2018 22:53
 Operator : JU/SJ
 Sample : J4280-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Quant Time: Aug 29 01:07:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61867	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	256520	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	169785	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	447762	20.00	ng	0.00
75) Chrysene-d12	21.70	240	474908	20.00	ng	-0.01
86) Perylene-d12	24.91	264	502306	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	403429	103.44	ng	0.00
7) Phenol-d6	7.22	99	518829	92.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	373290	78.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	264482	130.55	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	845093	71.07	ng	-0.01
78) Terphenyl-d14	20.04	244	1536436	75.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	52164	28.660	ng	# 92
3) Pyridine	3.95	79	116584	22.819	ng	92
4) n-Nitrosodimethylamine	3.85	42	77979	34.268	ng	95
6) Aniline	7.39	93	143385	20.230	ng	97
8) 2-Chlorophenol	7.63	128	155883	36.857	ng	95
9) Benzaldehyde	7.20	77	76995	20.023	ng	95
10) Phenol	7.25	94	183071	31.329	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	157459	33.989	ng	96
12) 1,3-Dichlorobenzene	7.95	146	159167	32.958	ng	100
13) 1,4-Dichlorobenzene	8.10	146	162565	33.341	ng	98
14) 1,2-Dichlorobenzene	8.42	146	156732	33.658	ng	98
15) Benzyl Alcohol	8.30	79	161547	35.888	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	296537	31.740	ng	99
17) 2-Methylphenol	8.50	107	141553	36.481	ng	96
18) Hexachloroethane	9.15	117	59708	34.155	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	134727	32.283	ng	95
20) 3+4-Methylphenols	8.83	107	194137	35.837	ng	98
22) Acetophenone	8.88	105	253341	37.610	ng	# 99
24) Nitrobenzene	9.27	77	197398	38.719	ng	97
25) Isophorone	9.79	82	378661	40.317	ng	97
26) 2-Nitrophenol	9.98	139	79714	39.457	ng	98
27) 2,4-Dimethylphenol	10.03	122	162041	43.323	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	219696	38.114	ng	99
29) 2,4-Dichlorophenol	10.51	162	174065	42.464	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	174022	36.290	ng	97
31) Naphthalene	10.92	128	509119	39.703	ng	98
32) Benzoic acid	10.15	122	81164	31.017	ng	95
33) 4-Chloroaniline	11.02	127	55698	9.479	ng	98
34) Hexachlorobutadiene	11.21	225	117731	36.541	ng	98
35) Caprolactam	11.79	113	35583	21.791	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	193407	40.606	ng	98
37) 2-Methylnaphthalene	12.52	142	391718	41.749	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	223233	37.153	ng	99
40) Hexachlorocyclopentadiene	12.87	237	247951	79.313	ng	99

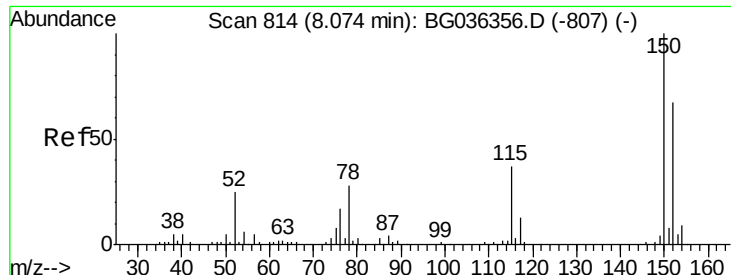
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036470.D
 Acq On : 28 Aug 2018 22:53
 Operator : JU/SJ
 Sample : J4280-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Quant Time: Aug 29 01:07:25 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	149304	40.793	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	162801	41.703	ng	99
45) 1,1'-Biphenyl	13.52	154	507575	36.015	ng	97
46) 2-Chloronaphthalene	13.56	162	389494	36.201	ng	100
47) 2-Nitroaniline	13.76	65	141143	41.776	ng	98
48) Acenaphthylene	14.41	152	670596	39.881	ng	99
49) Dimethylphthalate	14.14	163	536700	38.712	ng	99
50) 2,6-Dinitrotoluene	14.26	165	116616	40.878	ng	96
51) Acenaphthene	14.75	154	425063	39.471	ng	99
52) 3-Nitroaniline	14.59	138	86962	28.287	ng	99
53) 2,4-Dinitrophenol	14.79	184	58474	54.114	ng	95
54) Dibenzofuran	15.09	168	639659	37.914	ng	98
55) 4-Nitrophenol	14.89	139	178002	70.815	ng	98
56) 2,4-Dinitrotoluene	15.04	165	166986	44.912	ng	90
57) Fluorene	15.73	166	517693	41.046	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	165816	45.208	ng	96
59) Diethylphthalate	15.50	149	538453	38.538	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	290067	37.245	ng	99
61) 4-Nitroaniline	15.75	138	134773	41.894	ng	92
62) Azobenzene	16.02	77	531963	37.420	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	62767	31.911	ng	100
65) n-Nitrosodiphenylamine	15.94	169	479180	36.016	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	198660	37.895	ng	97
67) Hexachlorobenzene	16.74	284	197588	36.860	ng	98
68) Atrazine	16.88	200	196022	39.253	ng	99
69) Pentachlorophenol	17.08	266	224229	61.547	ng	98
70) Phenanthrene	17.47	178	893122	39.254	ng	99
71) Anthracene	17.57	178	911238	40.178	ng	100
72) Carbazole	17.83	167	833084	36.781	ng	99
73) Di-n-butylphthalate	18.39	149	951938	37.742	ng	100
74) Fluoranthene	19.48	202	1133777	40.872	ng	99
76) Benzidine	19.66	184	128989	8.513	ng	99
77) Pyrene	19.84	202	1115888	38.210	ng	98
79) Butylbenzylphthalate	20.73	149	449571	38.682	ng	96
80) Benzo(a)anthracene	21.68	228	1140555	39.643	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	289195	25.221	ng	97
82) Chrysene	21.74	228	1052465	38.593	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	615012	37.815	ng	100
84) Di-n-octyl phthalate	22.81	149	1059826	39.014	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1331336	42.032	ng	99
87) Benzo(b)fluoranthene	23.89	252	1163447	41.711	ng	97
88) Benzo(k)fluoranthene	23.96	252	1092211	40.081	ng	98
89) Benzo(a)pyrene	24.76	252	1119451	41.765	ng	100
90) Dibenzo(a,h)anthracene	28.65	278	1078242	41.670	ng	97
91) Benzo(g,h,i)perylene	29.71	276	1106294	42.545	ng	97

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

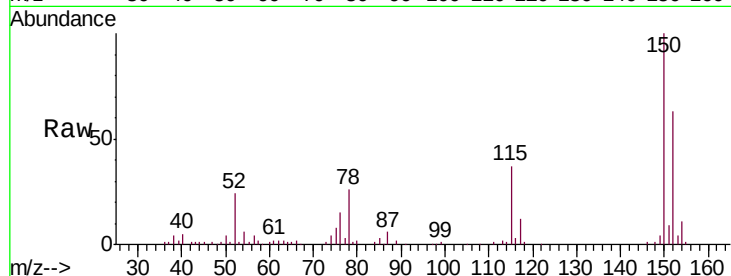


#1

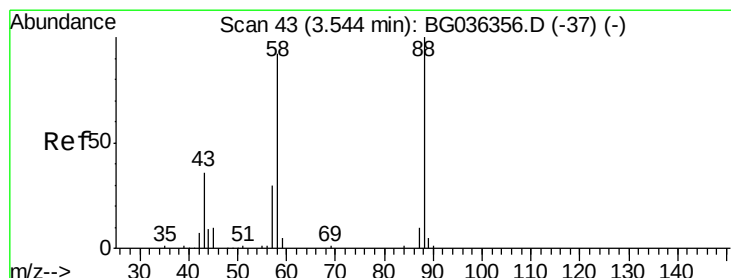
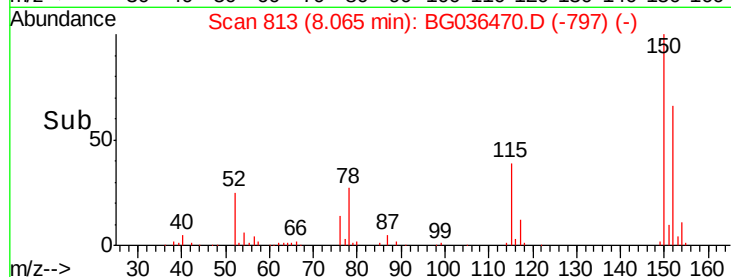
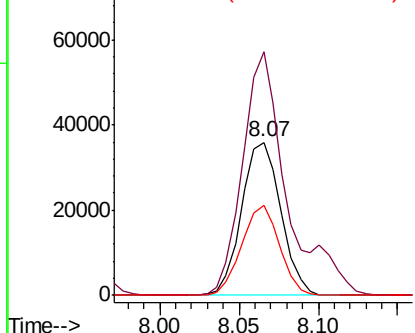
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	119.5	179.3
115	58.6	44.5	66.7



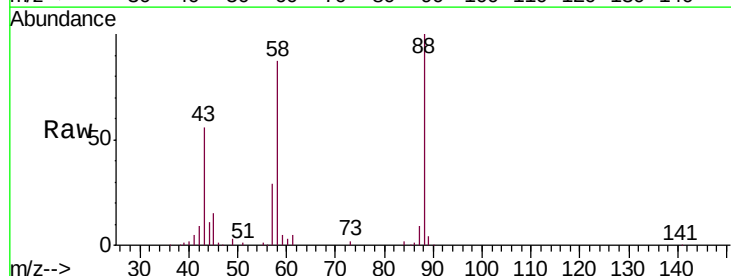
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



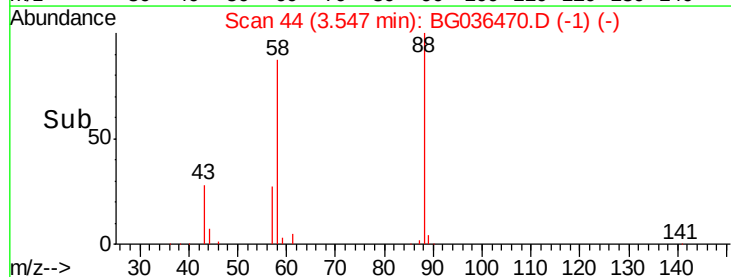
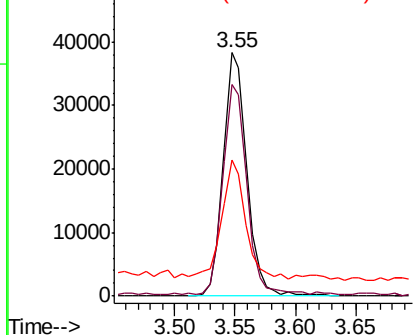
#2

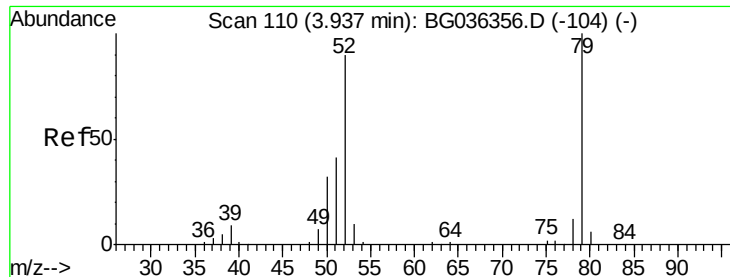
1,4-Dioxane
 Concen: 28.660 ng
 RT: 3.55 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	72.6	109.0
43	47.8	29.0	43.4



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





#3

Pyridine

Concen: 22.819 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

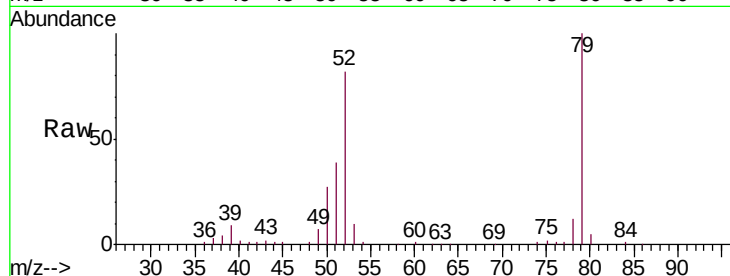
Tgt Ion: 79 Resp: 116584

Ion Ratio Lower Upper

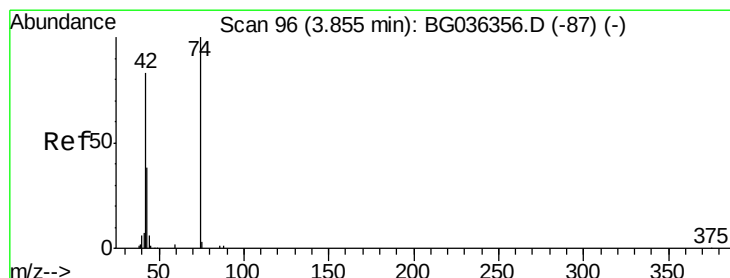
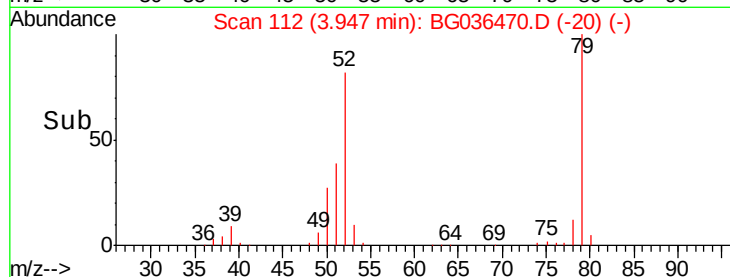
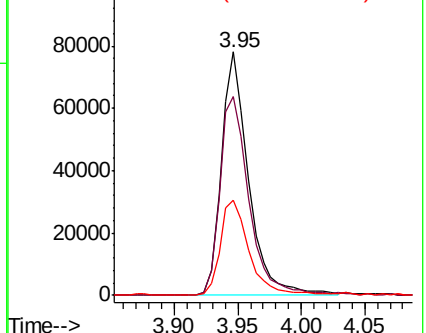
79 100

52 81.5 72.3 108.5

51 39.1 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: 34.268 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

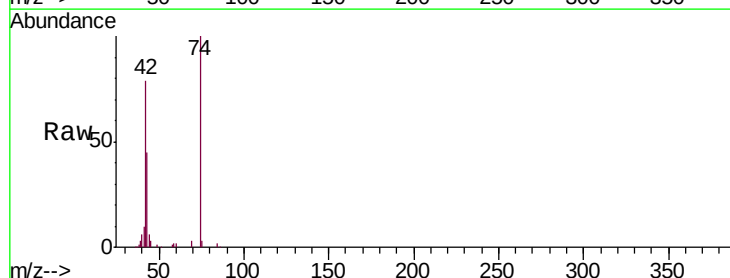
Tgt Ion: 42 Resp: 77979

Ion Ratio Lower Upper

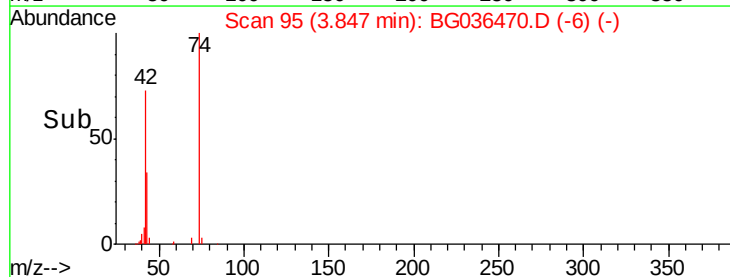
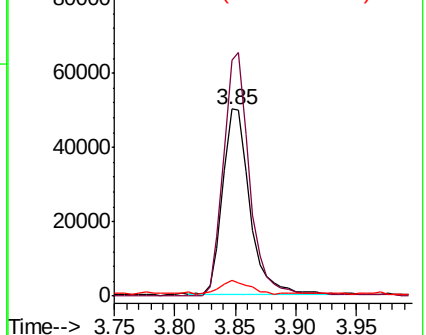
42 100

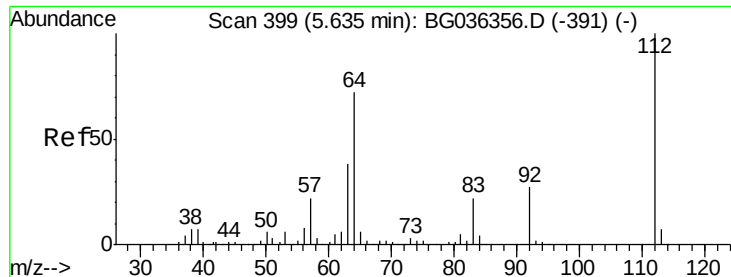
74 126.2 96.6 145.0

44 8.2 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: 103.441 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

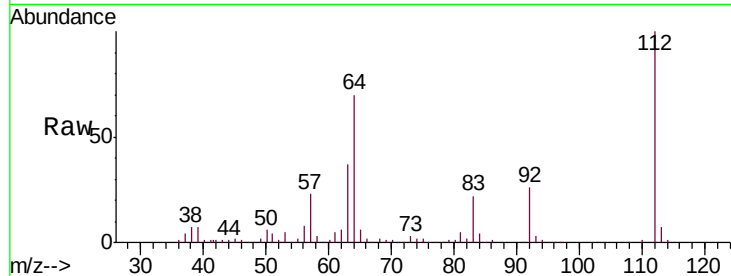
Tgt Ion:112 Resp: 403429

Ion Ratio Lower Upper

112 100

64 70.2 57.2 85.8

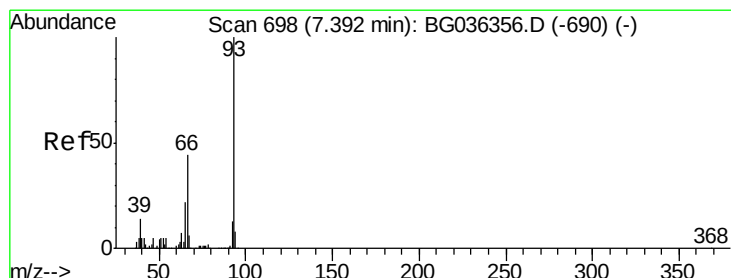
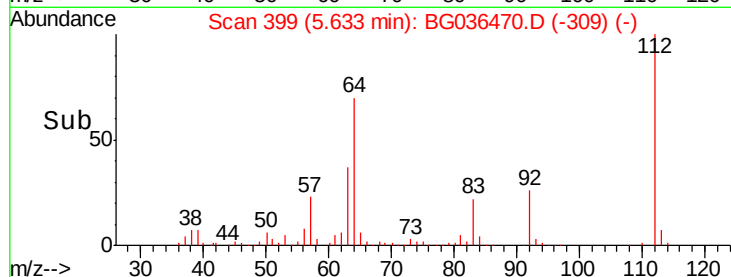
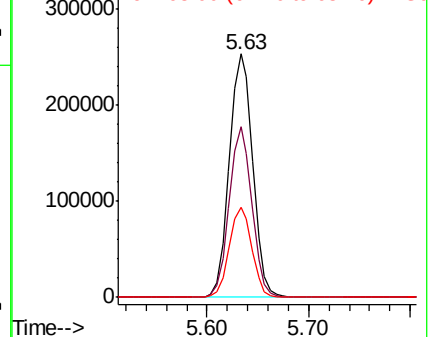
63 37.0 30.8 46.2



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: 20.230 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

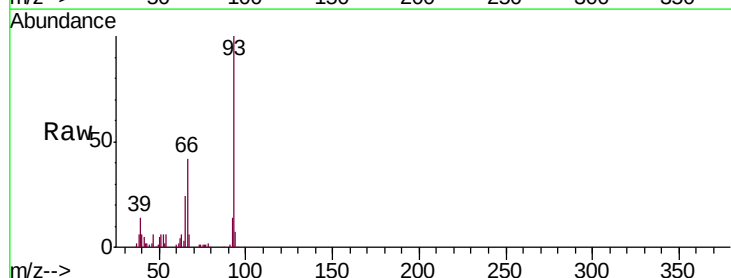
Tgt Ion: 93 Resp: 143385

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.4

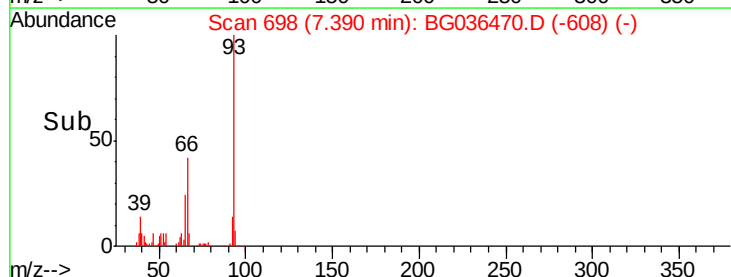
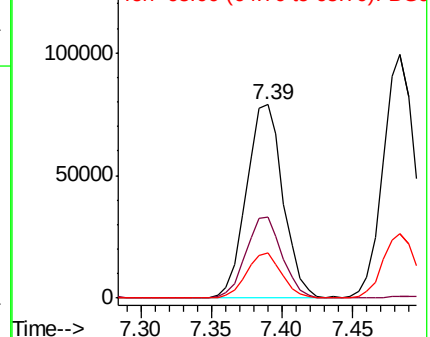
65 23.6 17.6 26.4

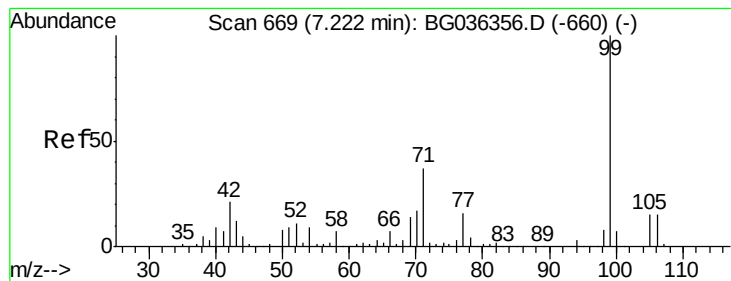


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.914 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

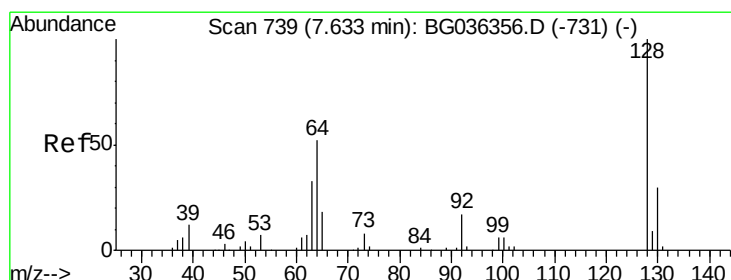
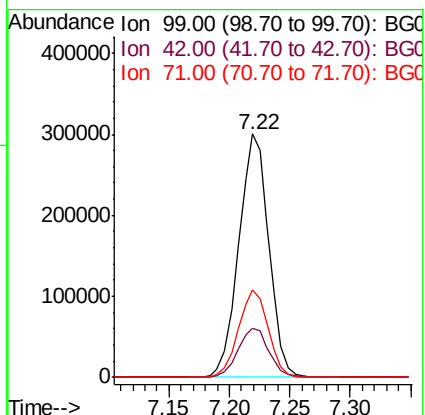
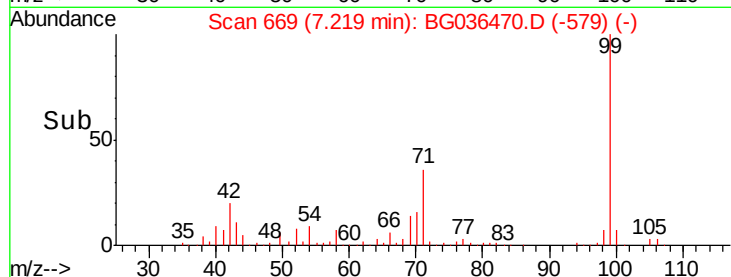
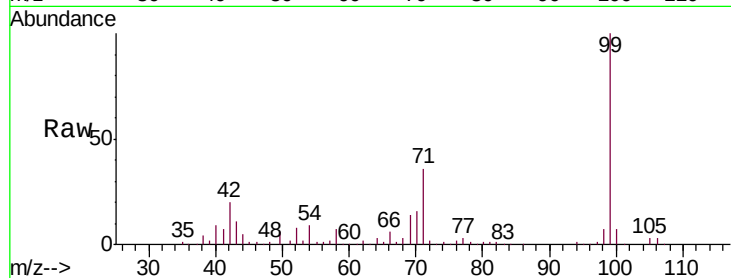
Tgt Ion: 99 Resp: 518829

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

71 36.0 29.4 44.2



#8

2-Chlorophenol

Concen: 36.857 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

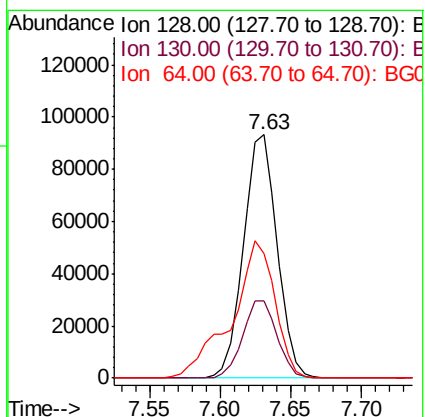
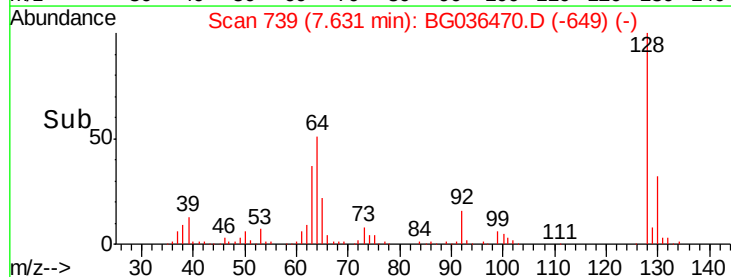
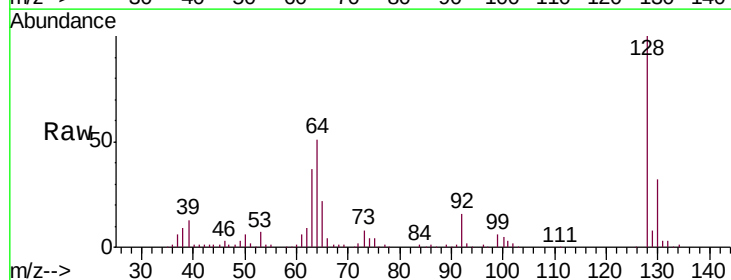
Tgt Ion: 128 Resp: 155883

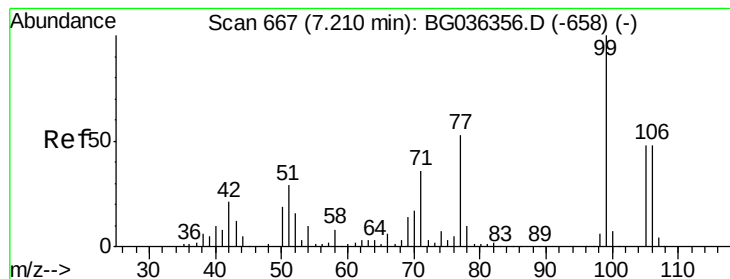
Ion Ratio Lower Upper

128 100

130 31.6 10.0 50.0

64 51.3 36.0 76.0





#9

Benzaldehyde

Concen: 20.023 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

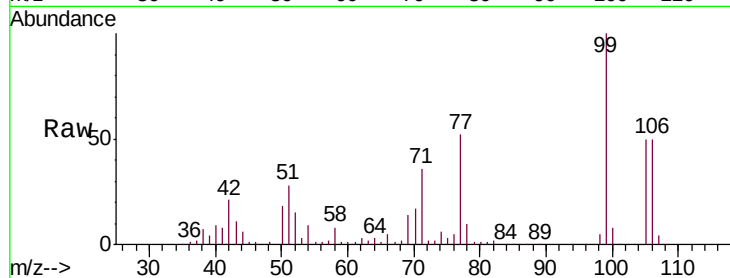
Tgt Ion: 77 Resp: 76995

Ion Ratio Lower Upper

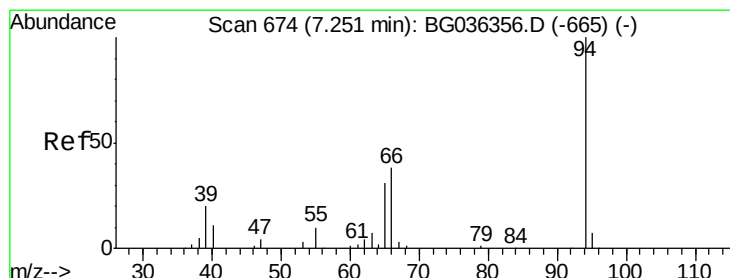
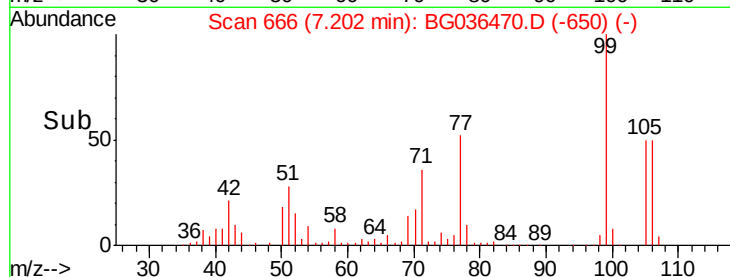
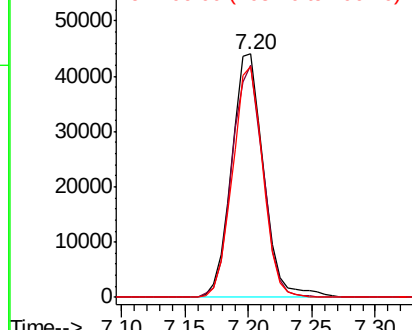
77 100

105 95.4 70.5 110.5

106 94.6 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 31.329 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

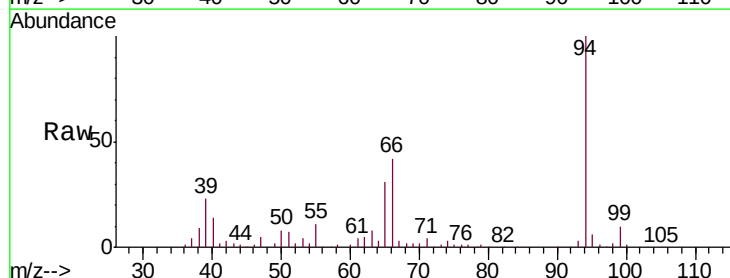
Tgt Ion: 94 Resp: 183071

Ion Ratio Lower Upper

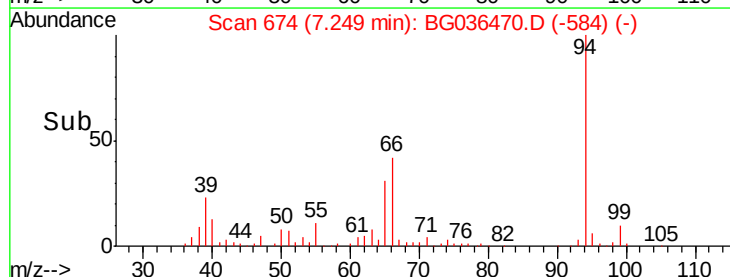
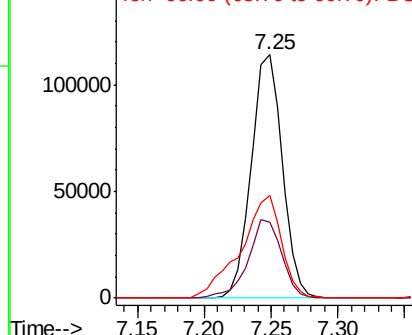
94 100

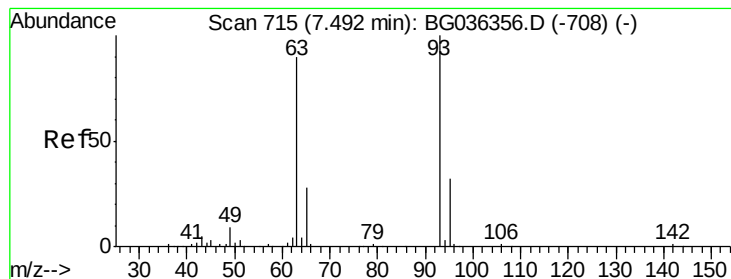
65 31.4 11.5 51.5

66 42.3 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 33.989 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

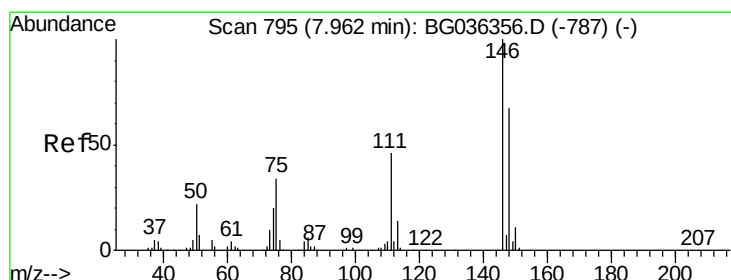
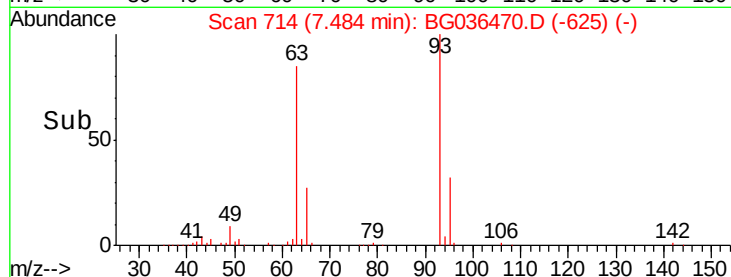
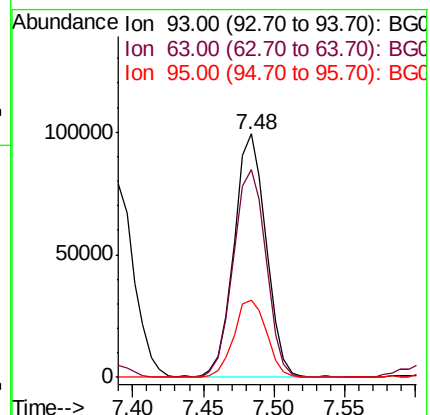
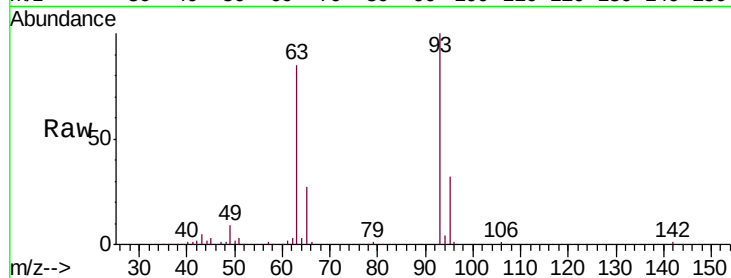
Tgt Ion: 93 Resp: 157459

Ion Ratio Lower Upper

93 100

63 85.1 69.9 109.9

95 31.6 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 32.958 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

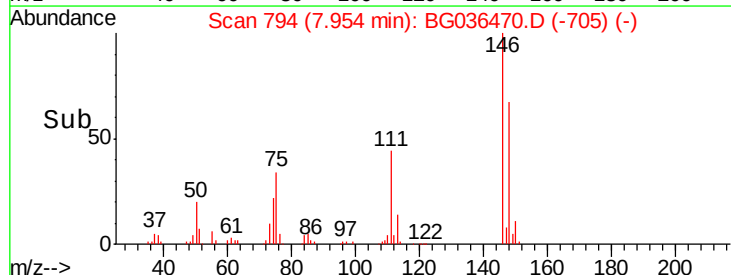
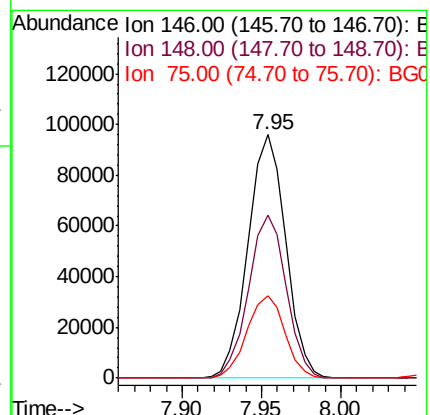
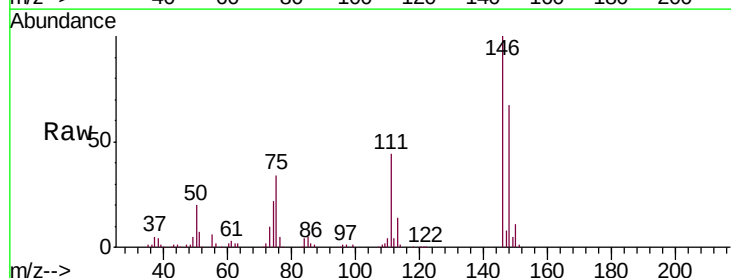
Tgt Ion: 146 Resp: 159167

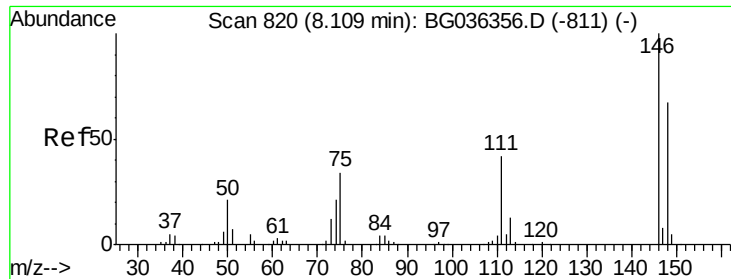
Ion Ratio Lower Upper

146 100

148 66.8 53.8 80.6

75 34.0 27.2 40.8

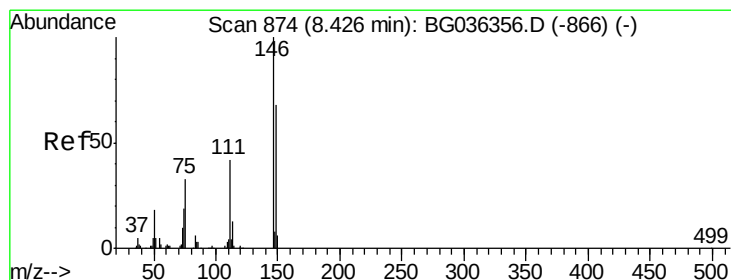
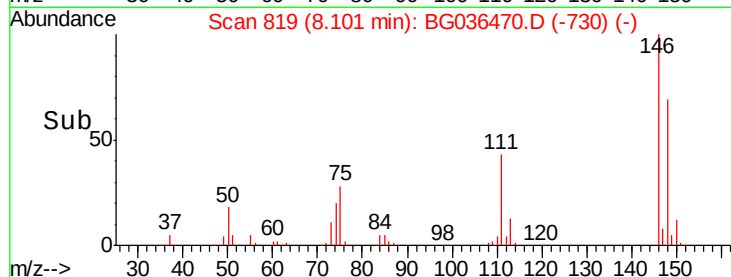
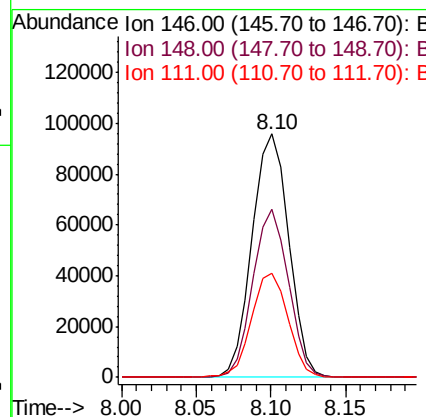
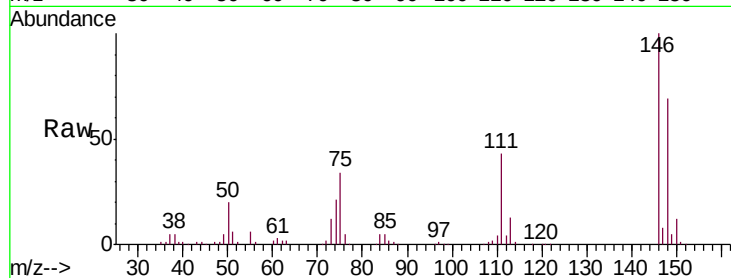




#13
 1,4-Dichlorobenzene
 Concen: 33.341 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

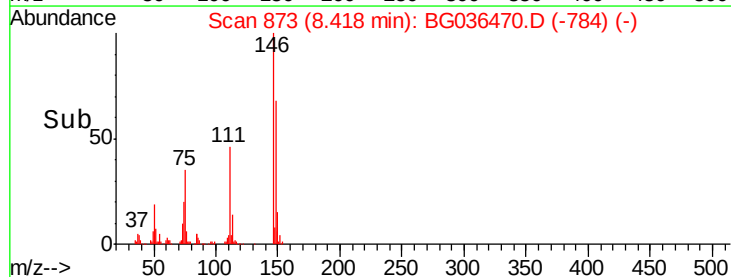
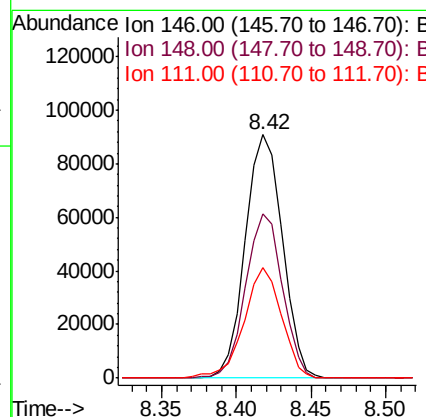
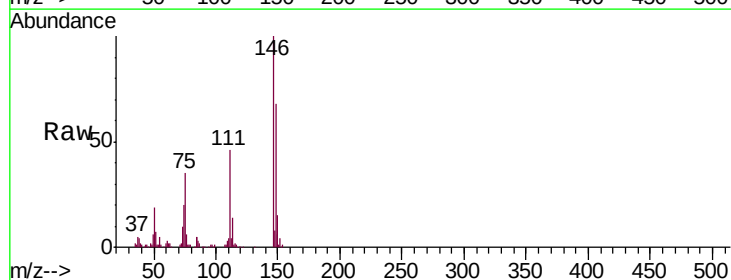
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

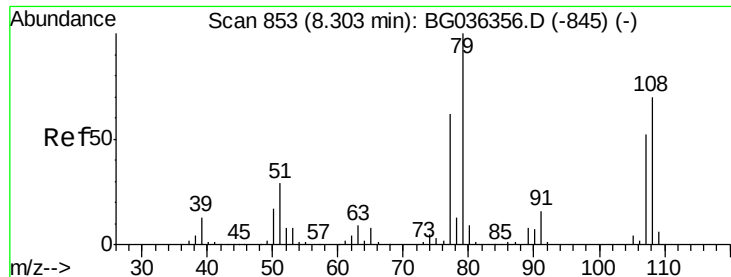
Tgt Ion:146 Resp: 162565
 Ion Ratio Lower Upper
 146 100
 148 69.1 53.9 80.9
 111 42.9 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 33.658 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:146 Resp: 156732
 Ion Ratio Lower Upper
 146 100
 148 67.7 55.0 82.6
 111 45.5 34.6 51.8

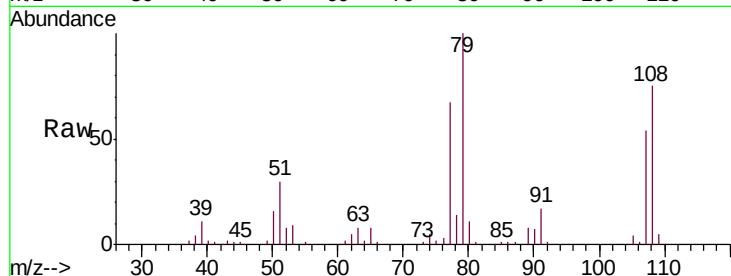




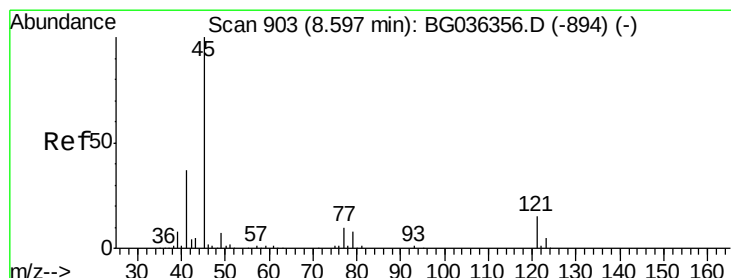
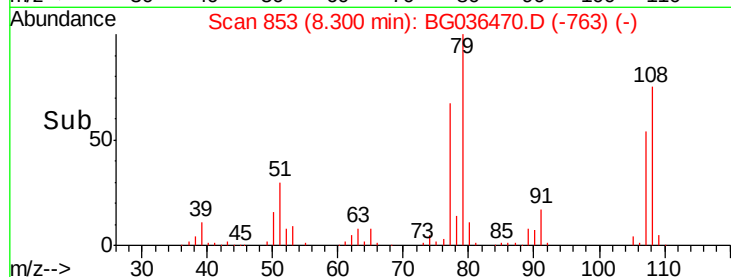
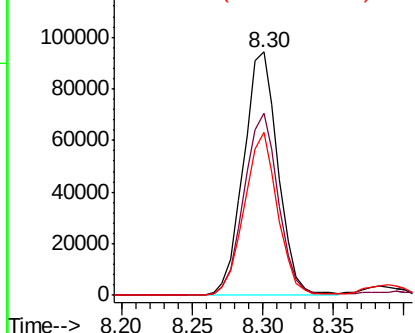
#15
Benzyl Alcohol
Concen: 35.888 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

Tgt Ion: 79 Resp: 161547
Ion Ratio Lower Upper
79 100
108 74.9 55.9 83.9
77 67.2 50.0 75.0

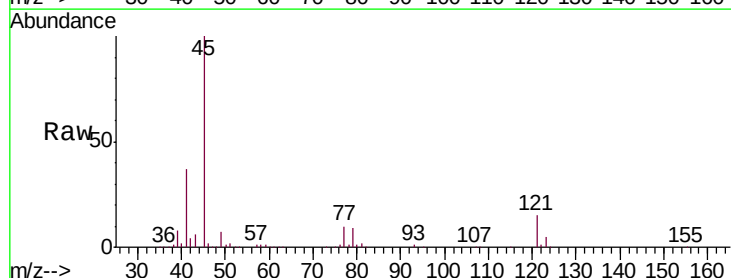


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

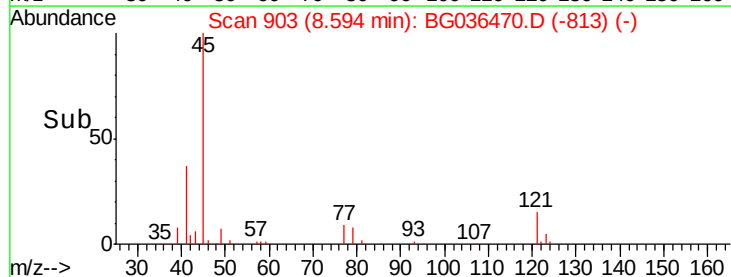
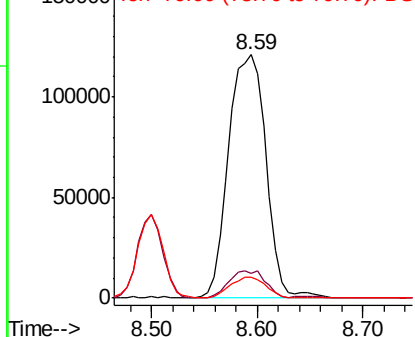


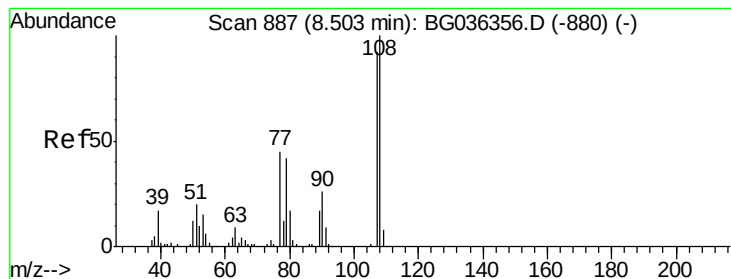
#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.740 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion: 45 Resp: 296537
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.5
79 8.7 0.0 27.9



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





#17

2-Methylphenol

Concen: 36.481 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

Tgt Ion:107 Resp: 141553

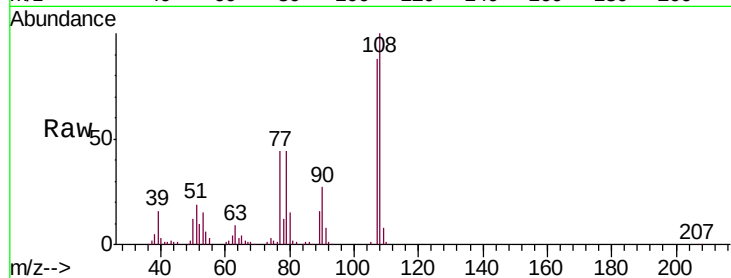
Ion Ratio Lower Upper

107 100

108 113.0 86.7 130.1

77 50.0 39.0 58.4

79 50.1 36.6 54.8



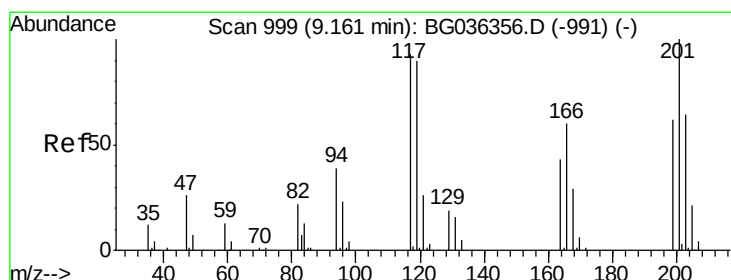
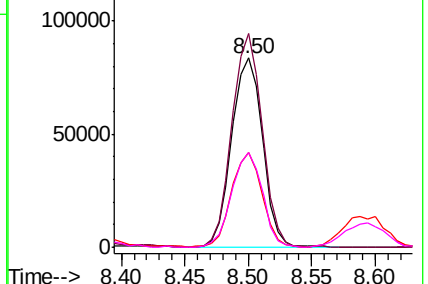
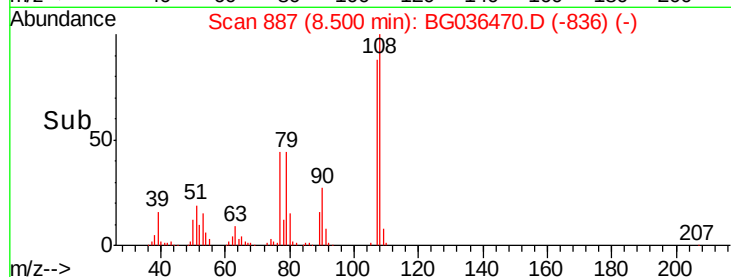
Abundance

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: 34.155 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

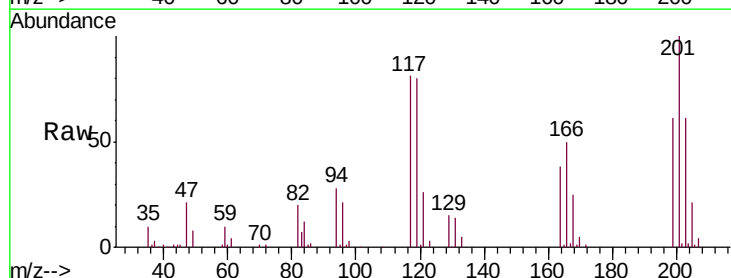
Tgt Ion:117 Resp: 59708

Ion Ratio Lower Upper

117 100

119 97.7 76.8 115.2

201 122.7 85.7 128.5

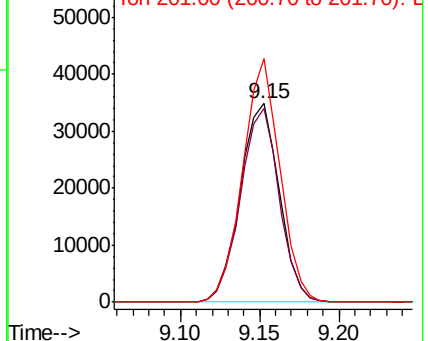
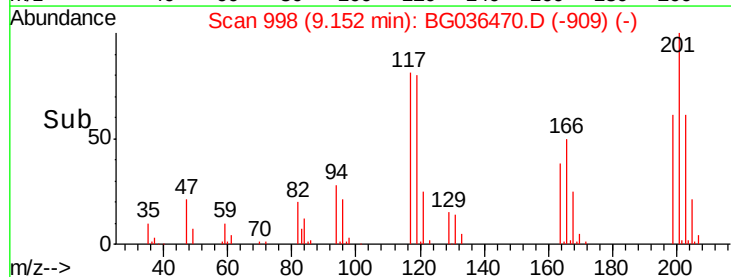


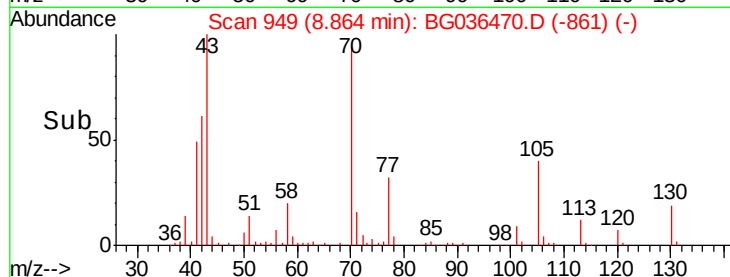
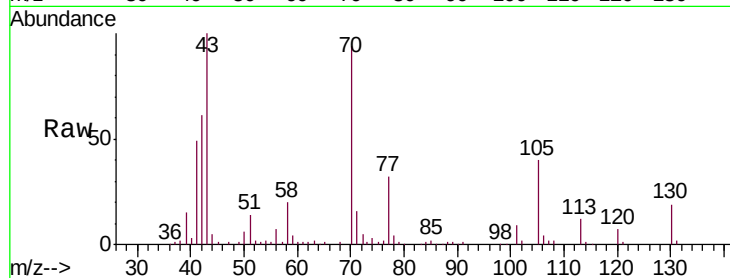
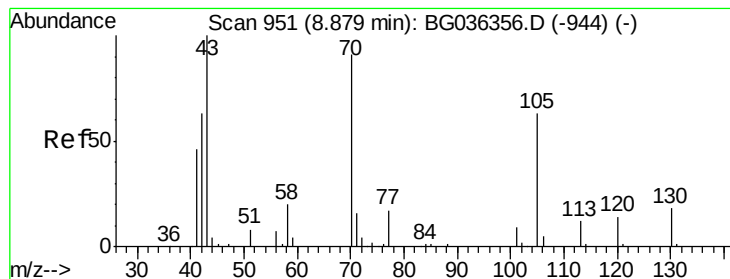
Abundance

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: 32.283 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

Tgt Ion: 70 Resp: 134727

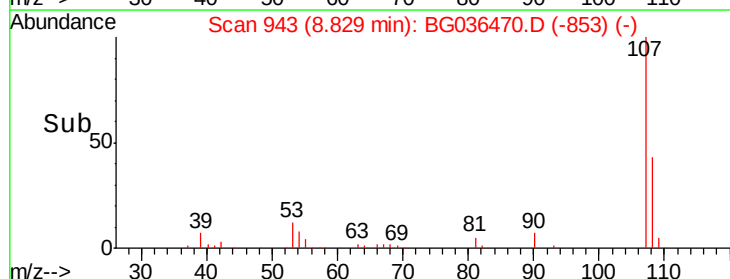
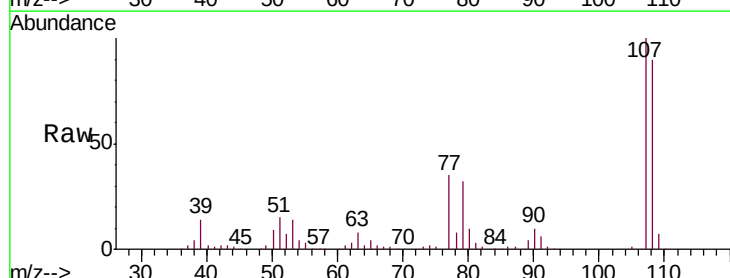
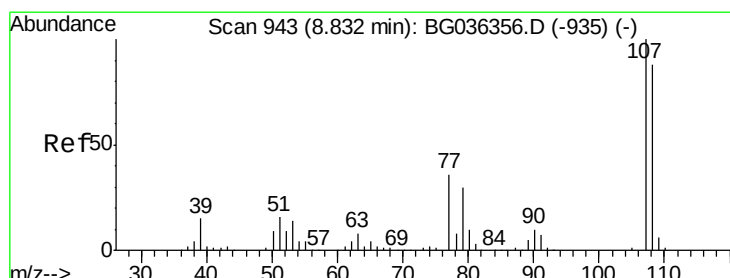
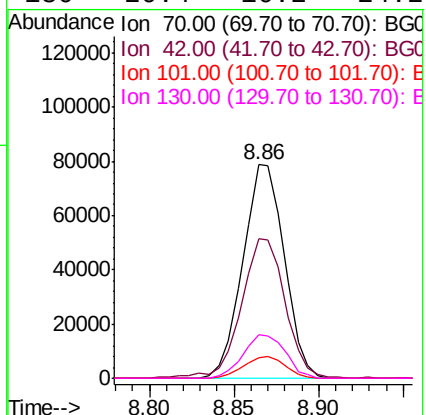
Ion Ratio Lower Upper

70 100

42 65.1 56.2 84.4

101 9.7 7.8 11.6

130 20.4 16.2 24.2



#20

3+4-Methylphenols

Concen: 35.837 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Tgt Ion: 107 Resp: 194137

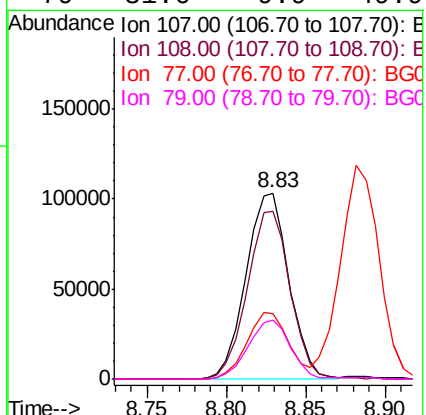
Ion Ratio Lower Upper

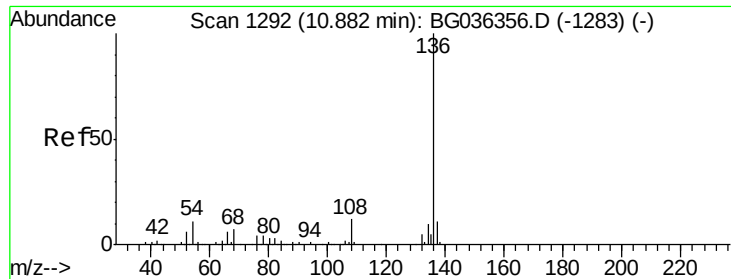
107 100

108 90.0 68.0 108.0

77 35.5 15.6 55.6

79 31.6 9.9 49.9

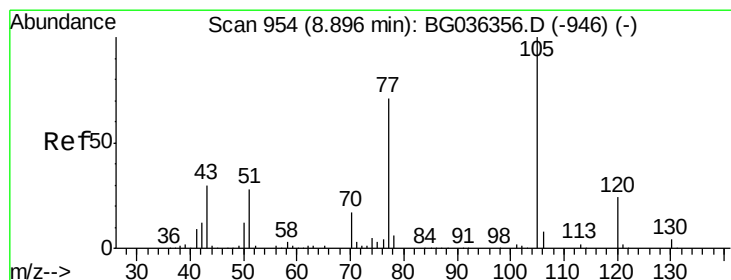
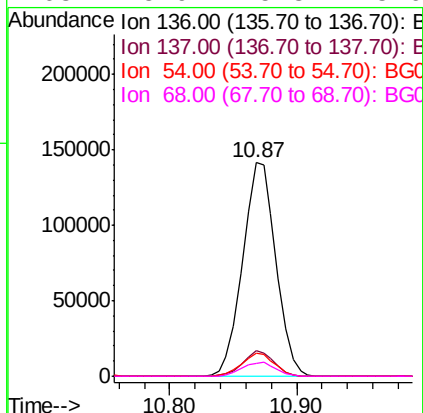
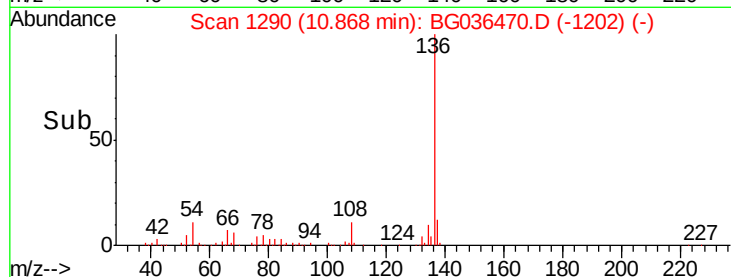
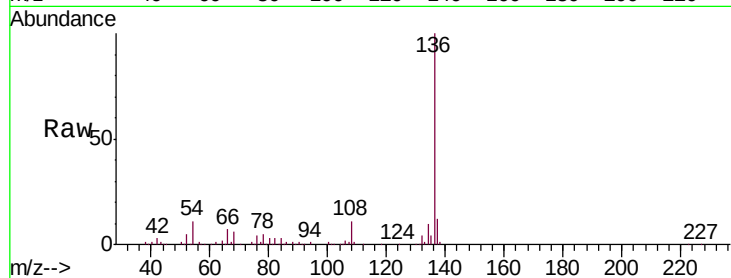




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

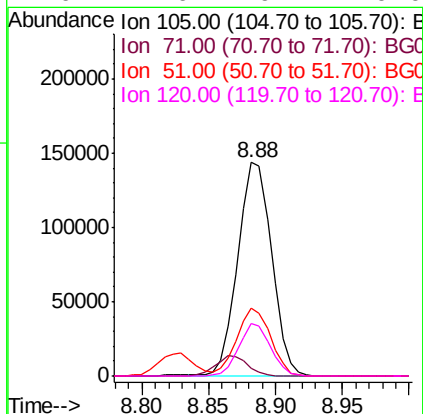
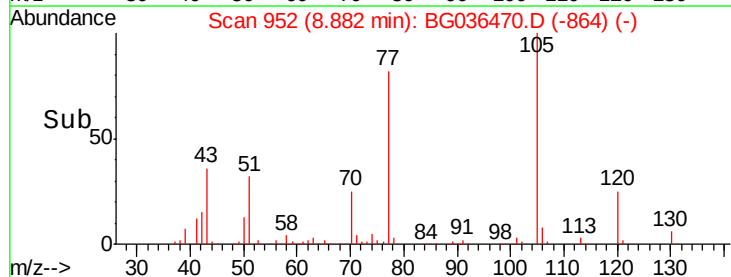
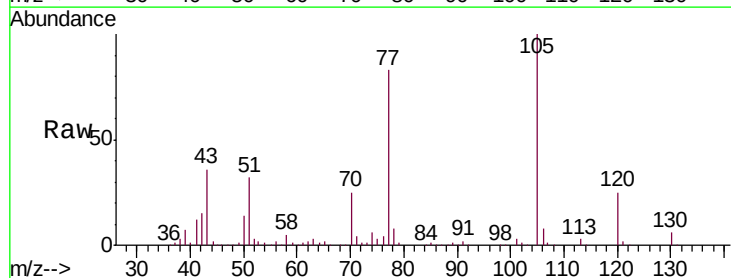
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

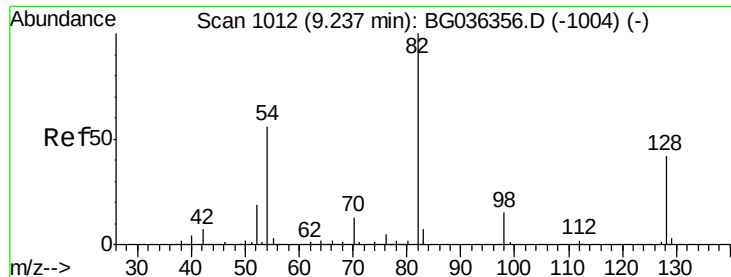
Tgt Ion:	136	Resp:	256520
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	10.9	9.2	13.8
68	5.9	5.8	8.6



#22
Acetophenone
Concen: 37.610 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:	105	Resp:	253341
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.4	3.6#
51	32.0	25.9	38.9
120	24.6	19.4	29.0

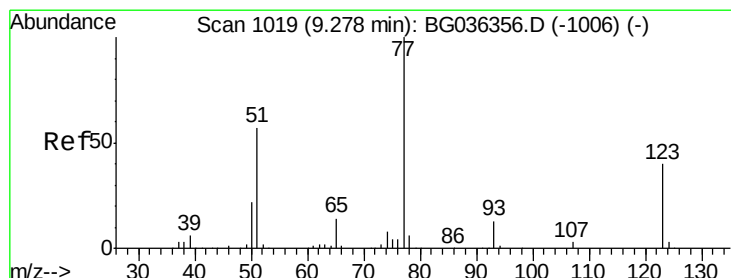
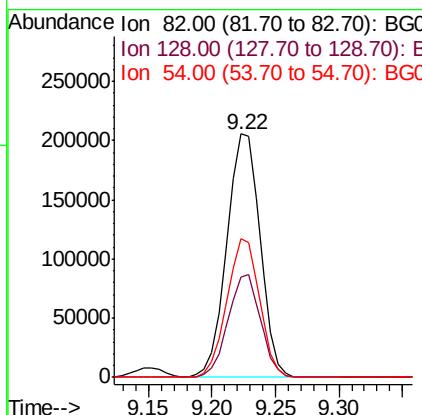
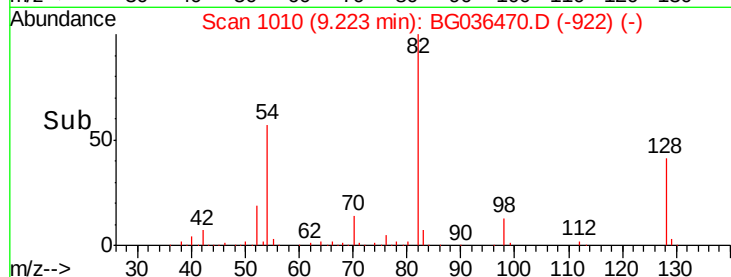
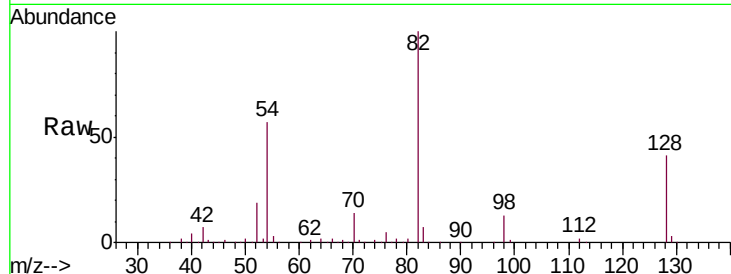




#23
 Nitrobenzene-d5
 Concen: 78.955 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

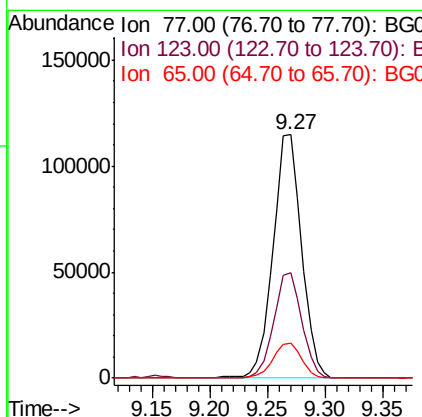
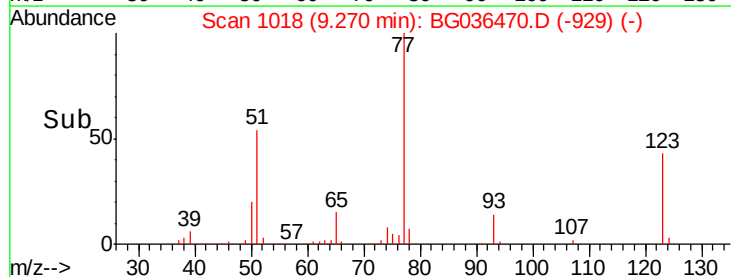
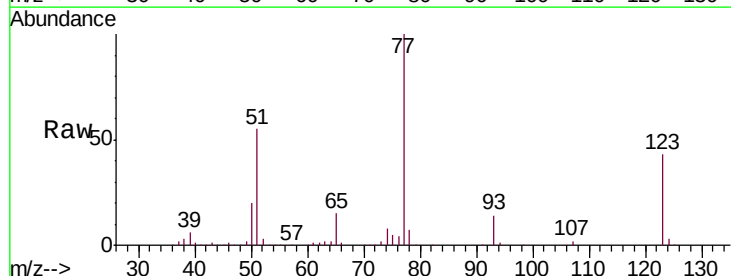
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

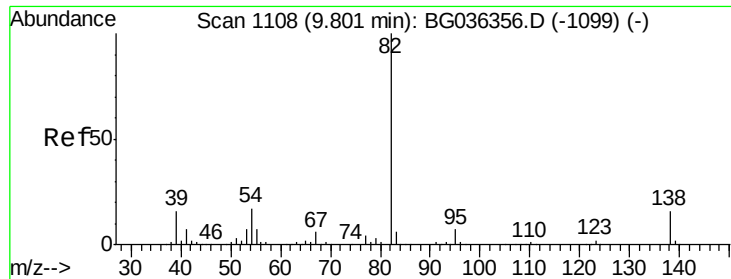
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	57.2	45.1	67.7



#24
 Nitrobenzene
 Concen: 38.719 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	32.4	48.6
65	14.6	11.5	17.3

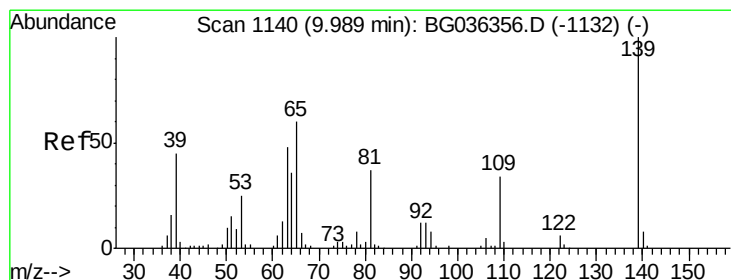
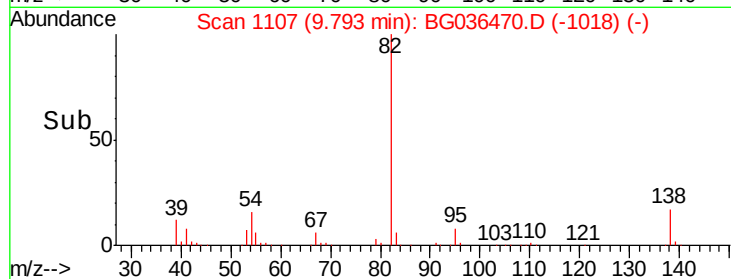
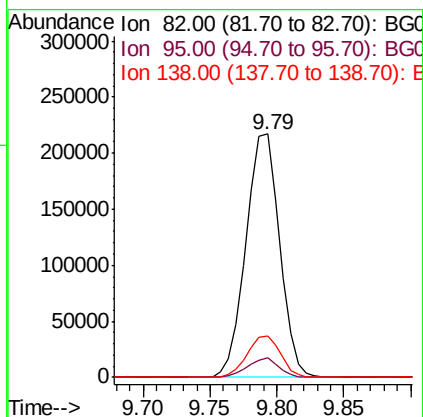
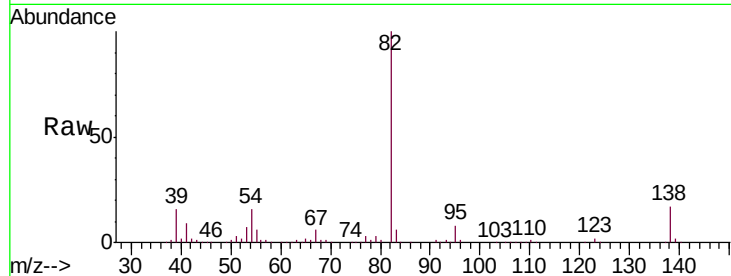




#25
Isophorone
Concen: 40.317 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

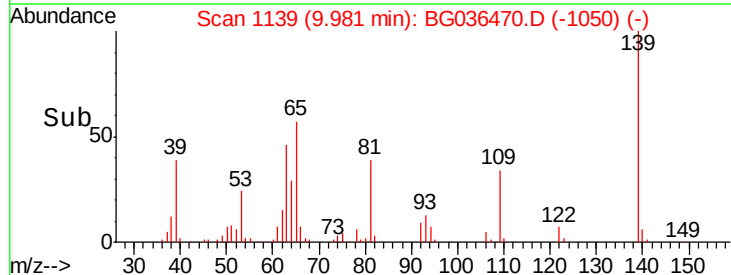
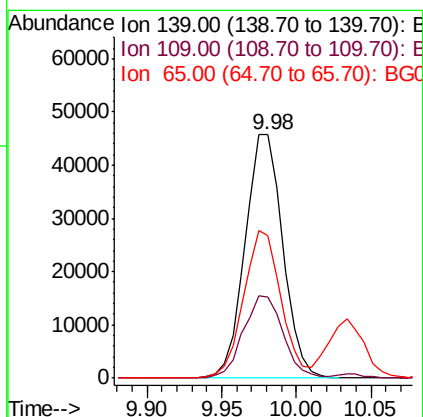
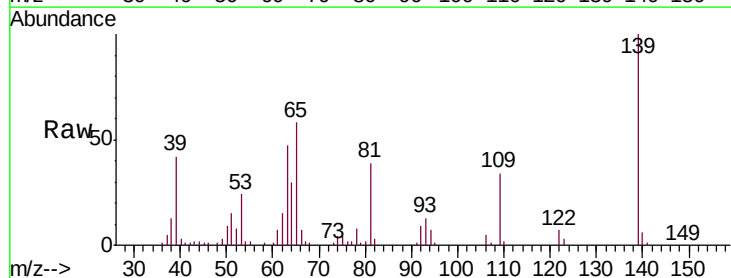
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

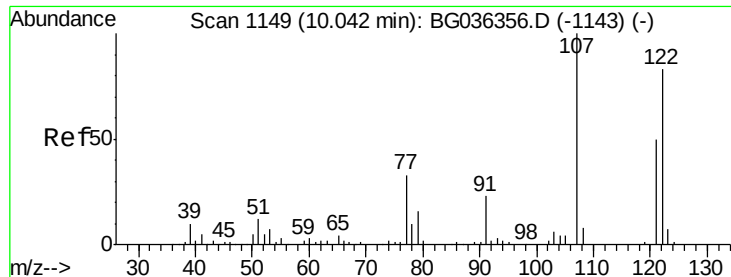
Tgt Ion: 82 Resp: 378661
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 39.457 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion: 139 Resp: 79714
Ion Ratio Lower Upper
139 100
109 33.5 27.4 41.0
65 58.3 47.8 71.6

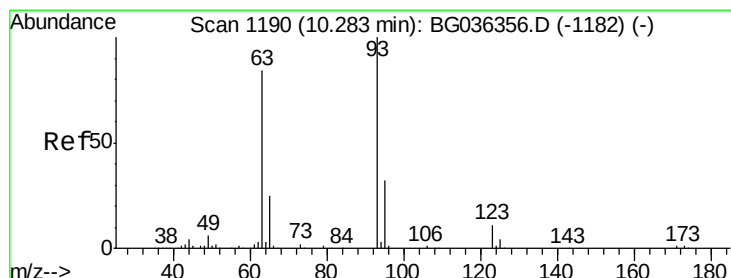
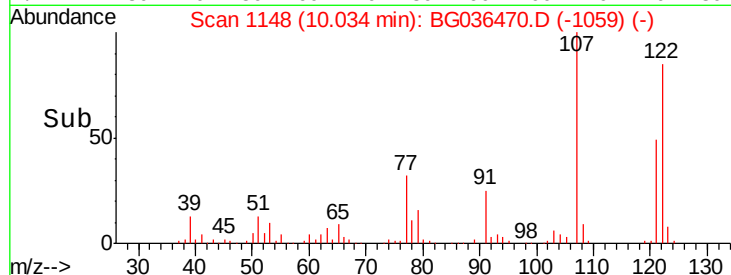
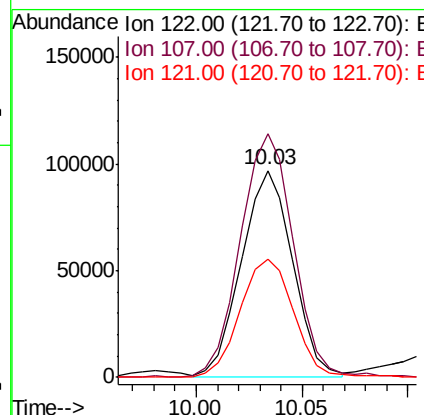
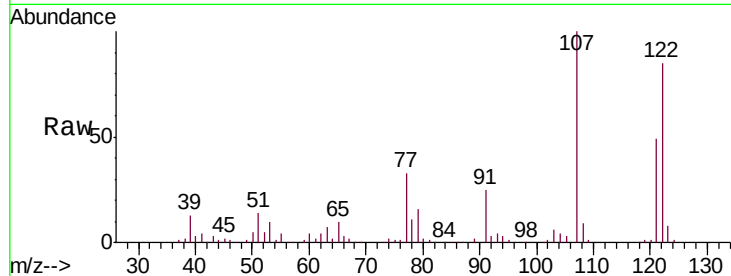




#27
 2,4-Dimethylphenol
 Concen: 43.323 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

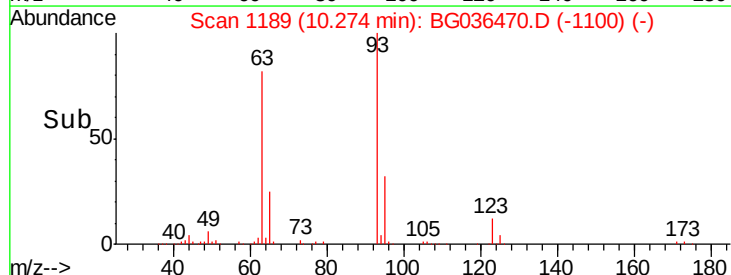
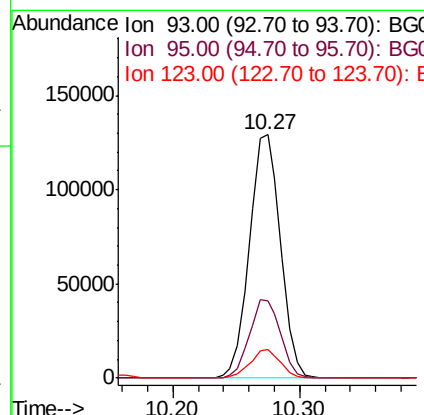
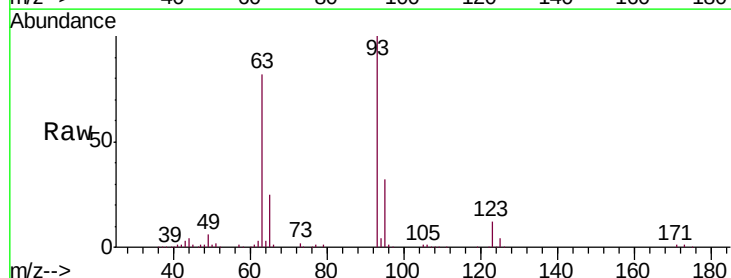
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

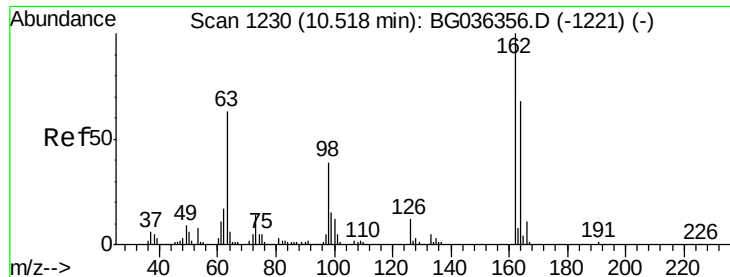
Tgt Ion:122 Resp: 162041
 Ion Ratio Lower Upper
 122 100
 107 117.9 96.0 144.0
 121 57.5 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.114 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion: 93 Resp: 219696
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.2 37.8
 123 11.9 8.6 12.8

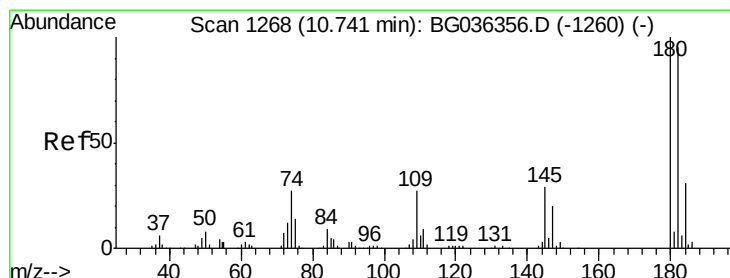
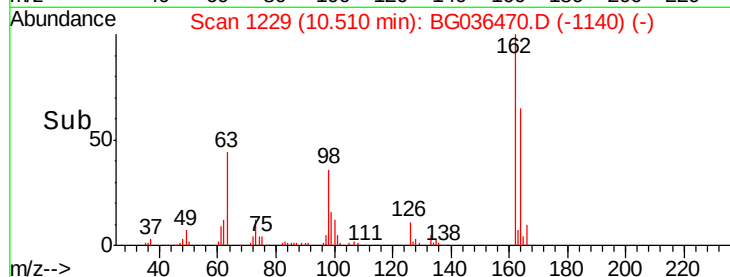
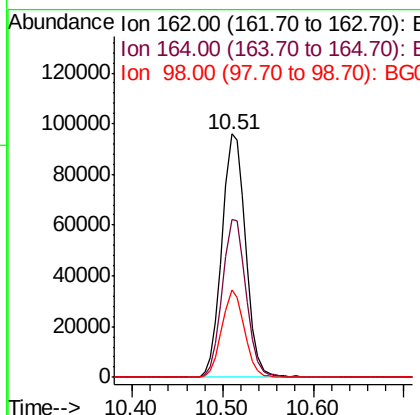
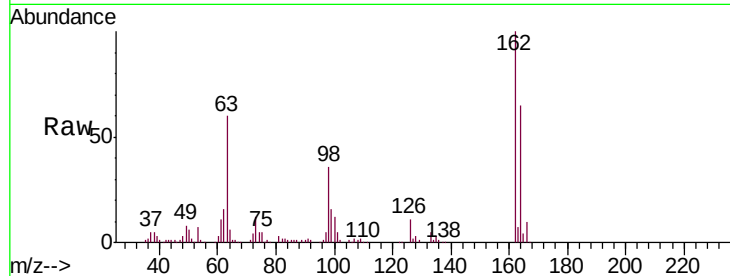




#29
 2,4-Dichlorophenol
 Concen: 42.464 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

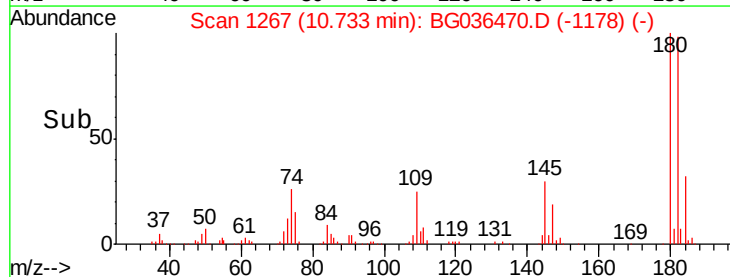
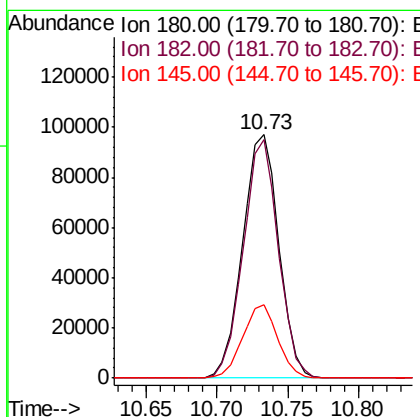
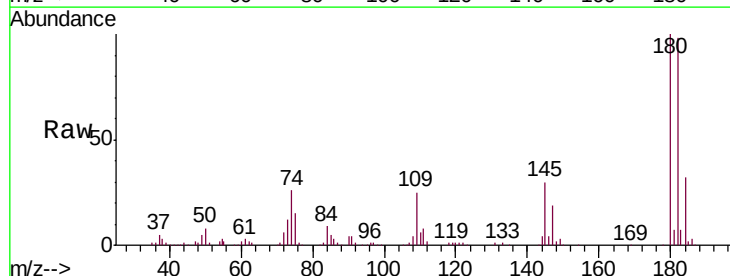
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

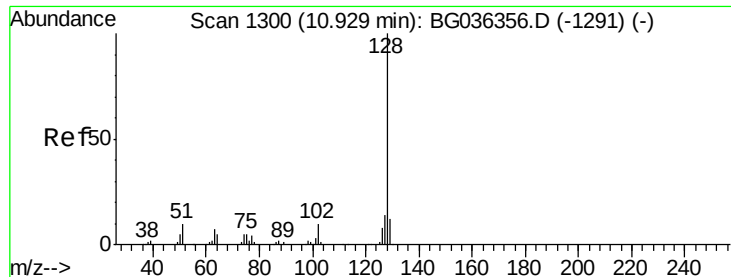
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	47.6	87.6
98	36.0	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.290 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.0	114.0
145	29.9	22.9	34.3

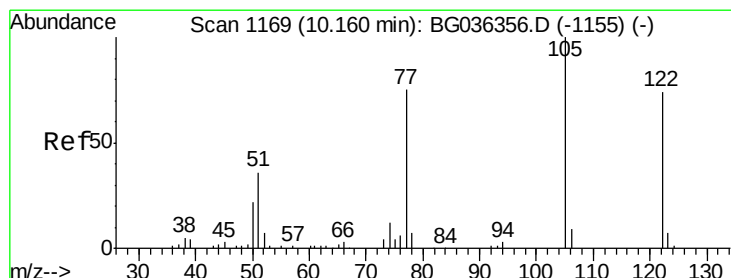
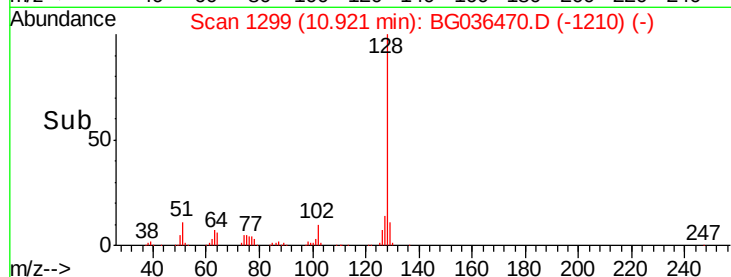
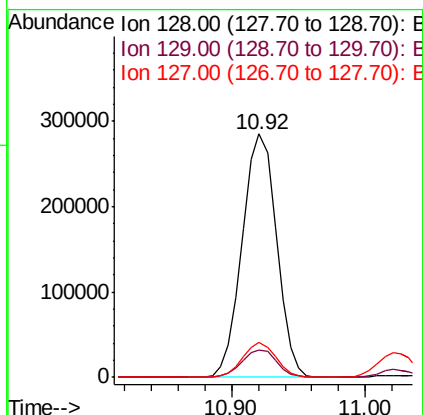
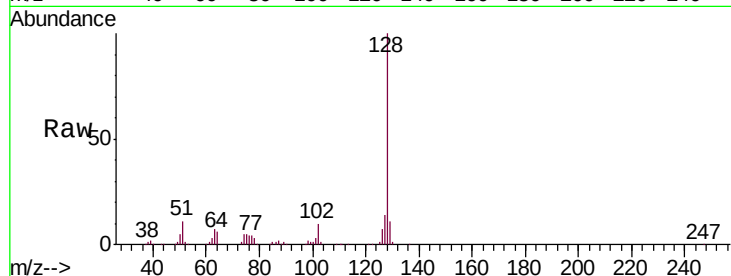




#31
Naphthalene
Concen: 39.703 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

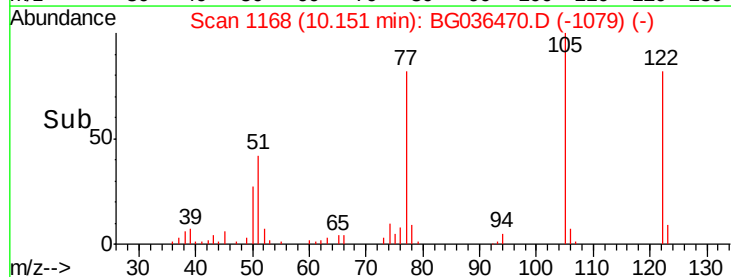
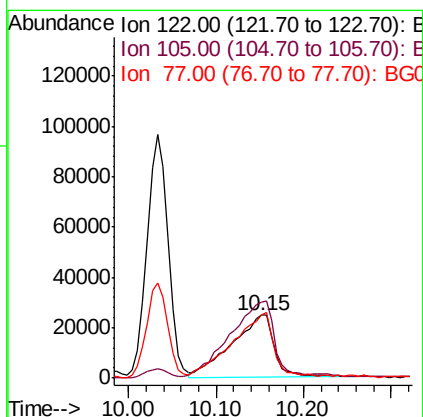
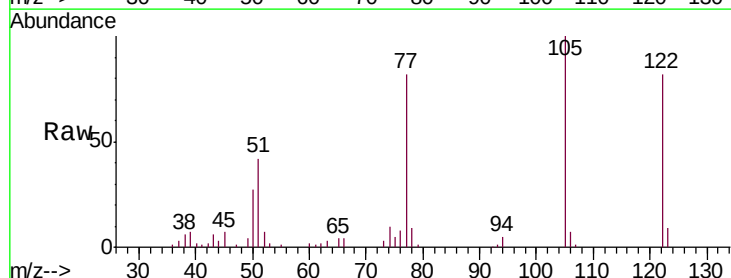
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

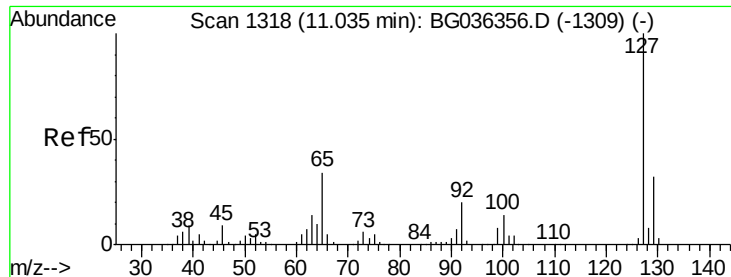
Tgt Ion:128 Resp: 509119
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 14.4 11.0 16.4



#32
Benzoic acid
Concen: 31.017 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:122 Resp: 81164
Ion Ratio Lower Upper
122 100
105 121.4 108.1 148.1
77 100.0 76.3 116.3

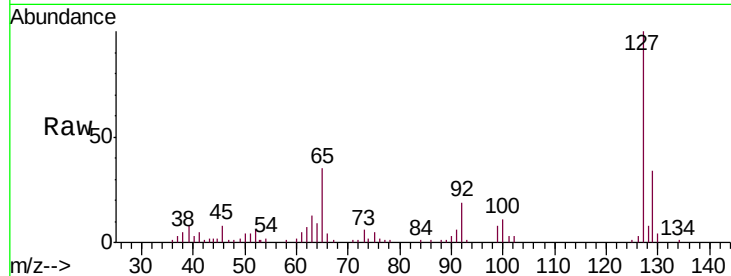




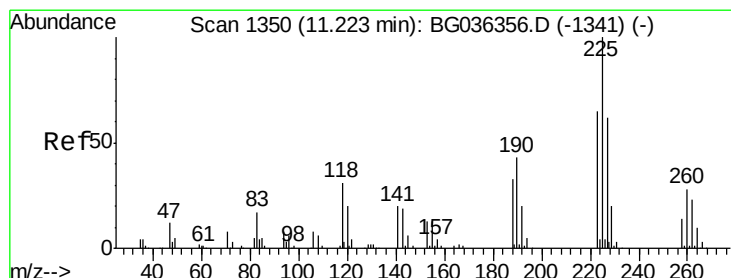
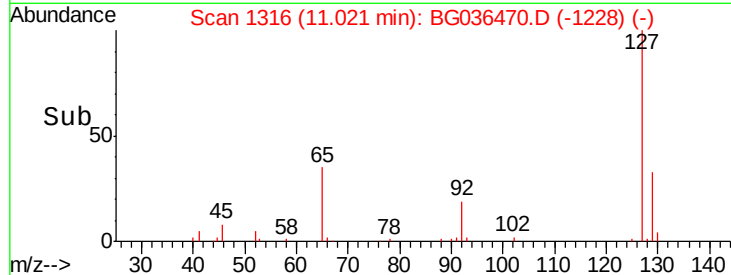
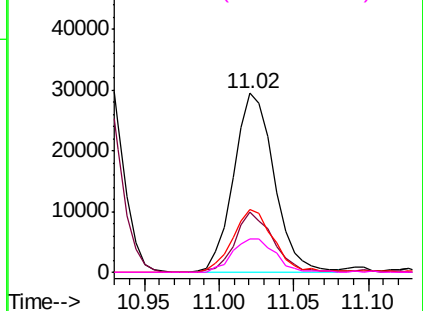
#33
4-Chloroaniline
Concen: 9.479 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

Tgt Ion:	127	Resp:	55698
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	35.2	27.5	41.3
92	18.6	16.2	24.2

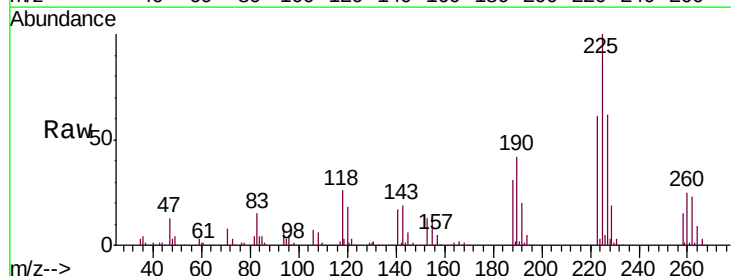


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

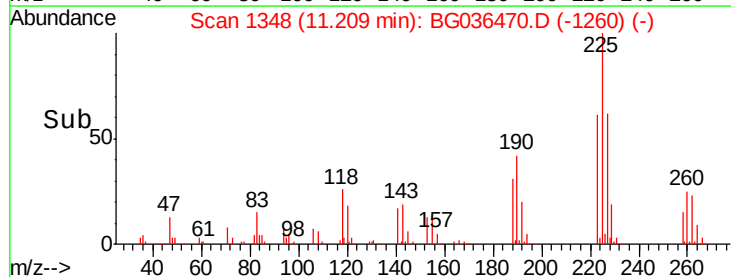
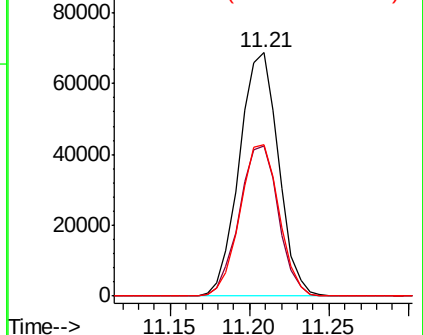


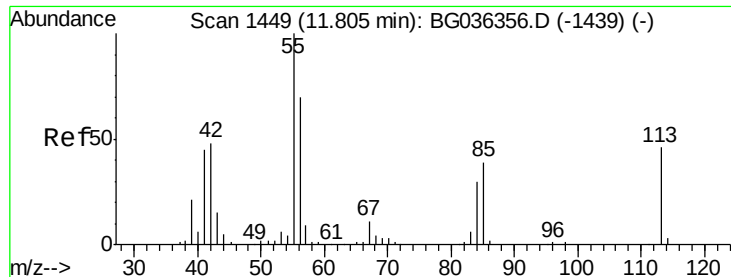
#34
Hexachlorobutadiene
Concen: 36.541 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:	225	Resp:	117731
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.8	77.8
227	62.4	49.8	74.6



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





#35

Caprolactam

Concen: 21.791 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

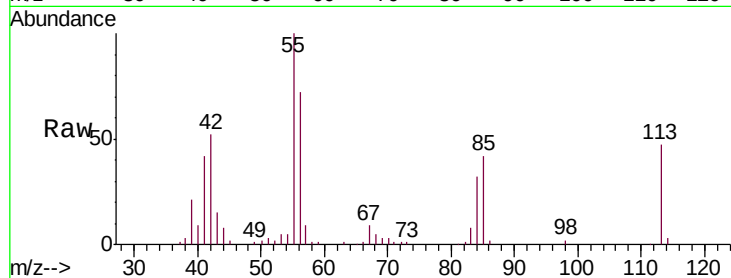
Tgt Ion:113 Resp: 35583

Ion Ratio Lower Upper

113 100

55 213.3 197.7 237.7

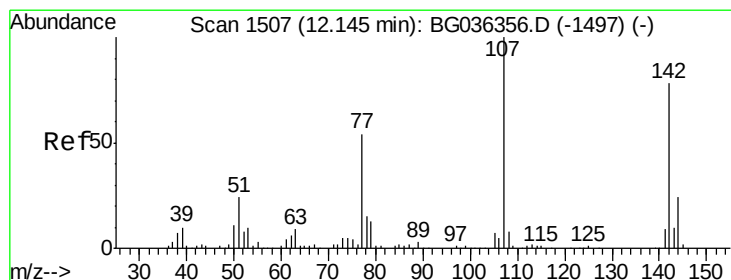
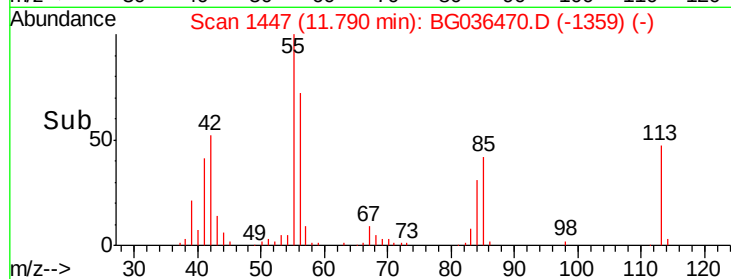
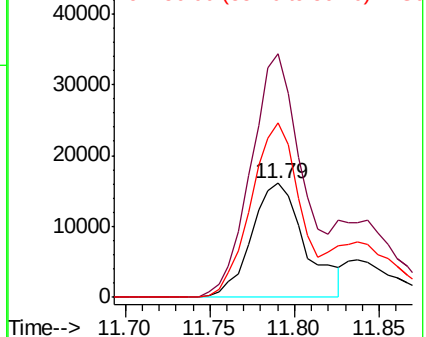
56 152.6 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036356.D (-1439) (-)

Ion 56.00 (55.70 to 56.70): BG036356.D (-1439) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.606 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

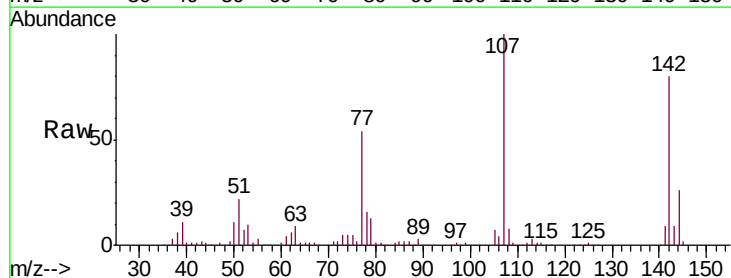
Tgt Ion:107 Resp: 193407

Ion Ratio Lower Upper

107 100

144 25.6 19.5 29.3

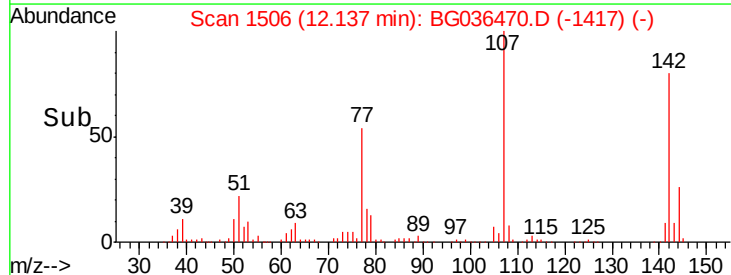
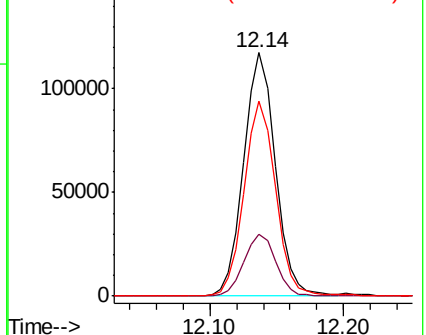
142 79.9 62.4 93.6

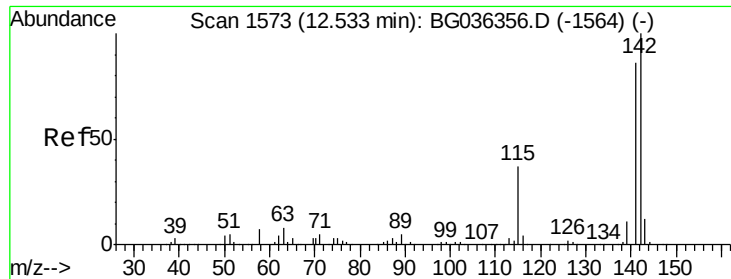


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

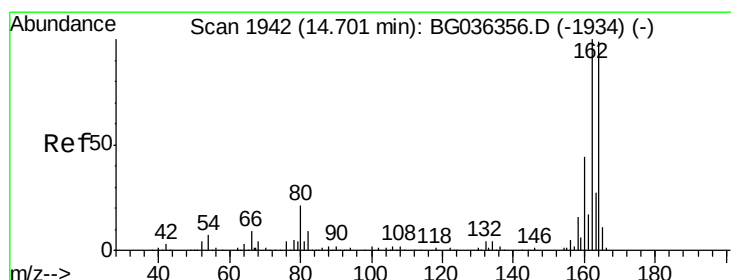
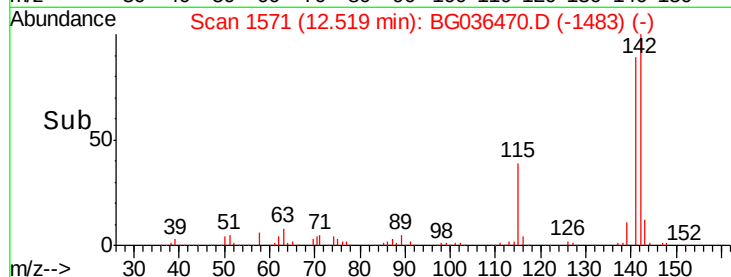
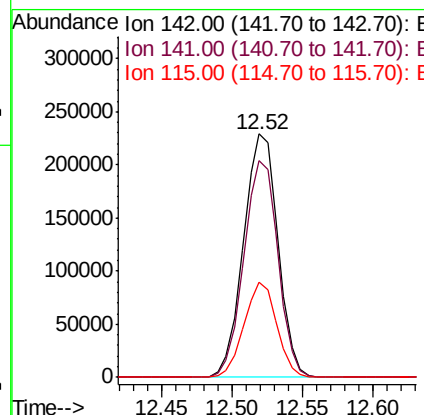
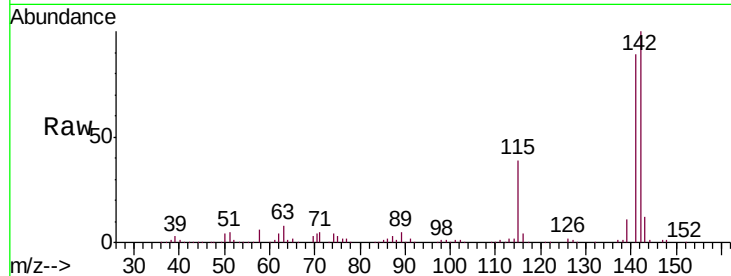




#37
 2-Methylnaphthalene
 Concen: 41.749 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

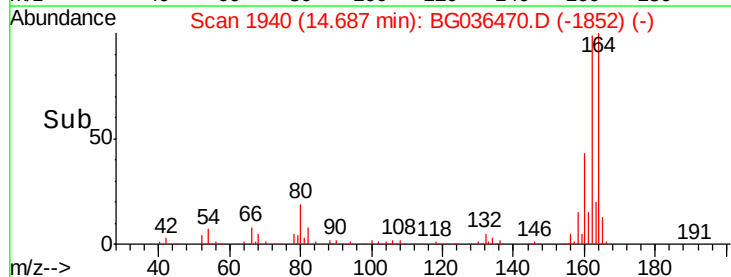
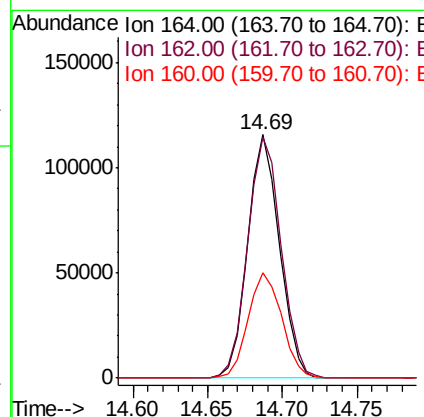
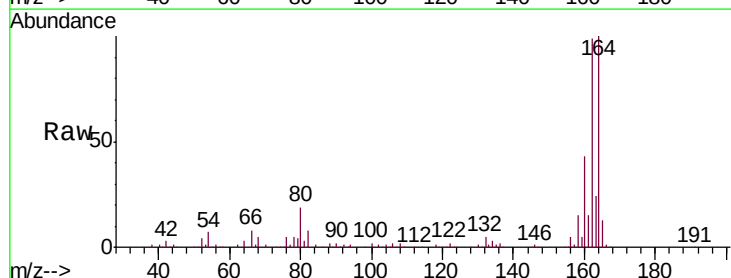
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

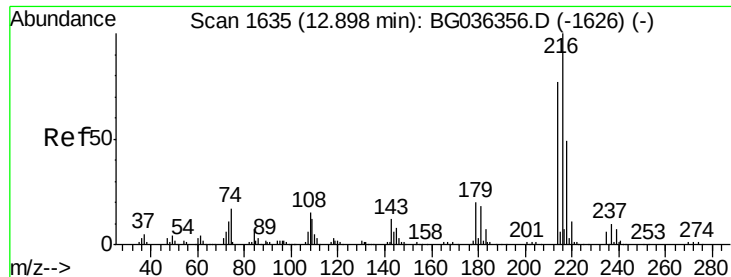
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	68.5	102.7
115	38.9	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.7	121.1
160	43.1	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.153 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

Tgt Ion:216 Resp: 223233

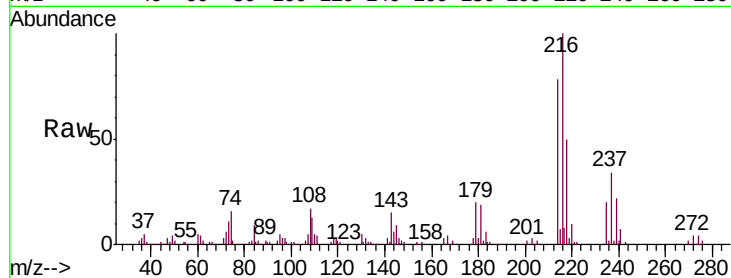
Ion Ratio Lower Upper

216 100

214 76.7 61.0 91.6

179 18.9 15.7 23.5

108 17.6 13.1 19.7

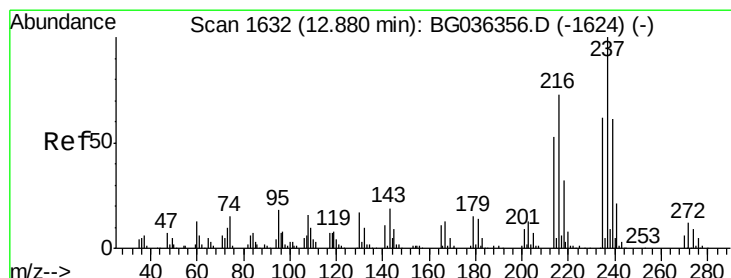
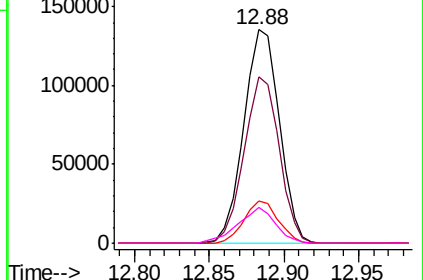
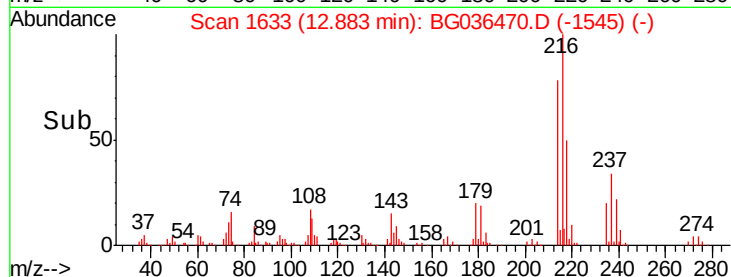


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.313 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

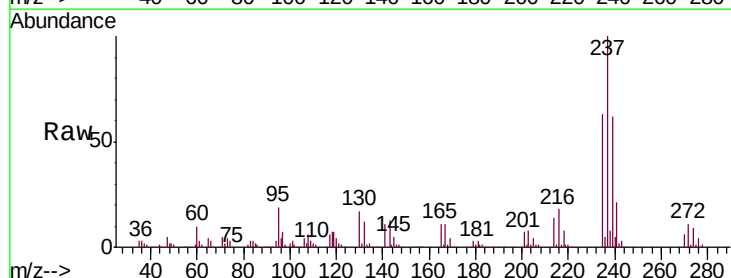
Tgt Ion:237 Resp: 247951

Ion Ratio Lower Upper

237 100

235 62.5 42.2 82.2

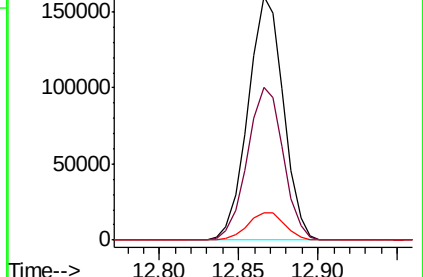
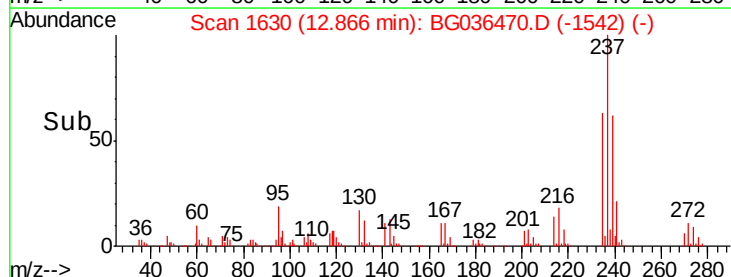
272 11.4 0.0 32.1

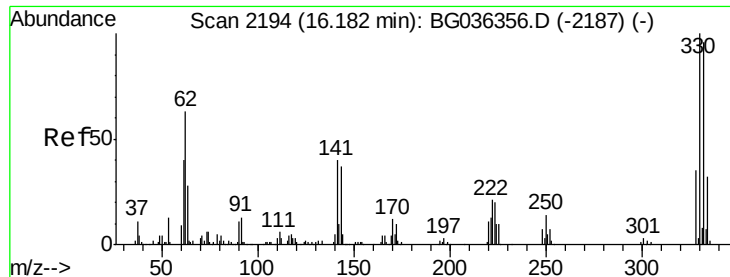


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

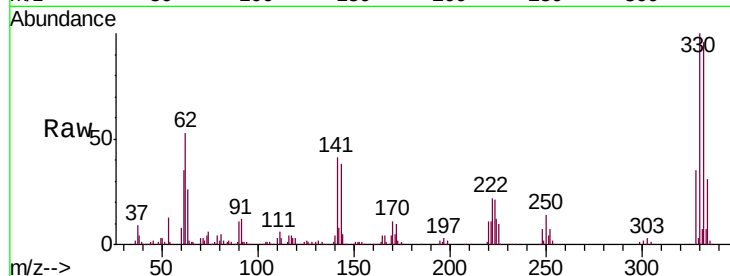




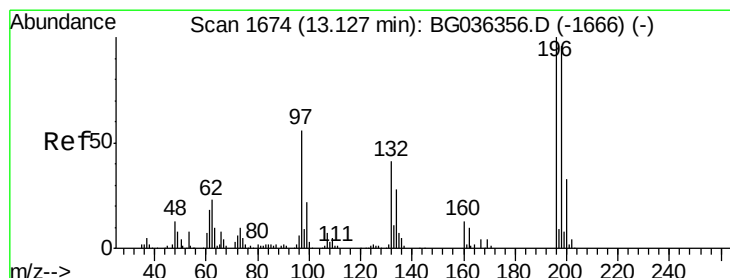
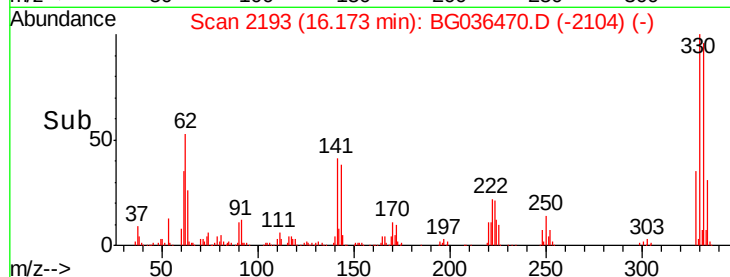
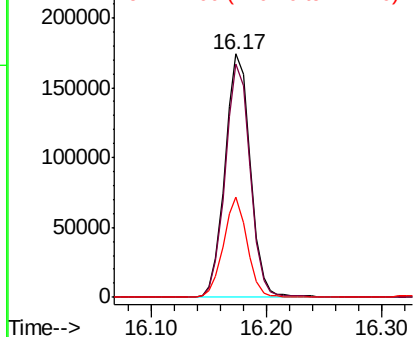
#41
 2,4,6-Tribromophenol
 Concen: 130.549 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion:330 Resp: 264482
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.2
 141 38.5 30.7 46.1

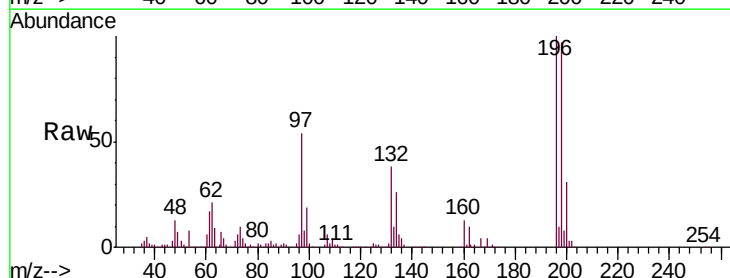


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

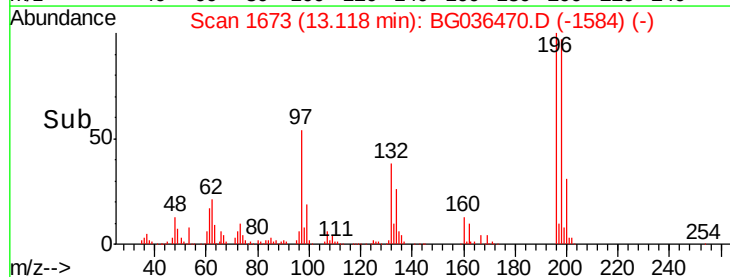
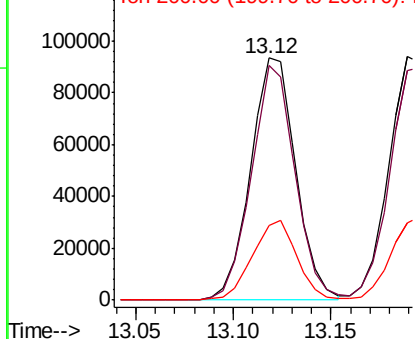


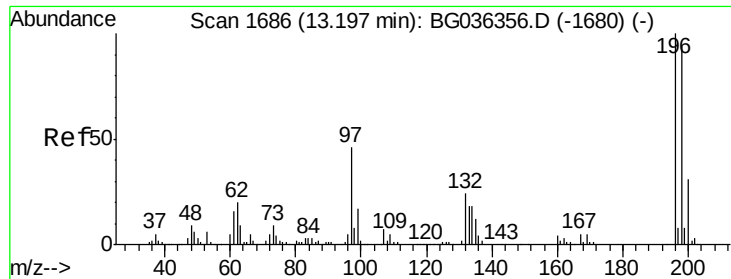
#42
 2,4,6-Trichlorophenol
 Concen: 40.793 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:196 Resp: 149304
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.2 115.8
 200 30.7 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

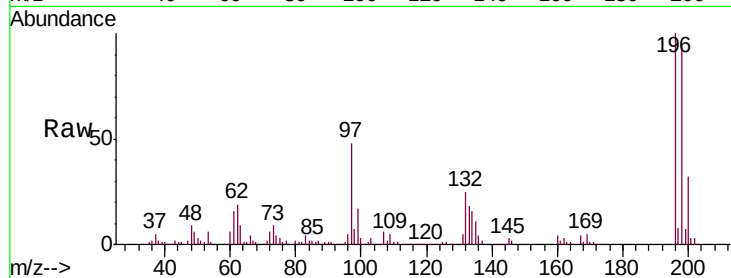




#43
 2,4,5-Trichlorophenol
 Concen: 41.703 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.6	113.4
97	47.9	37.2	55.8
132	25.1	19.4	29.2



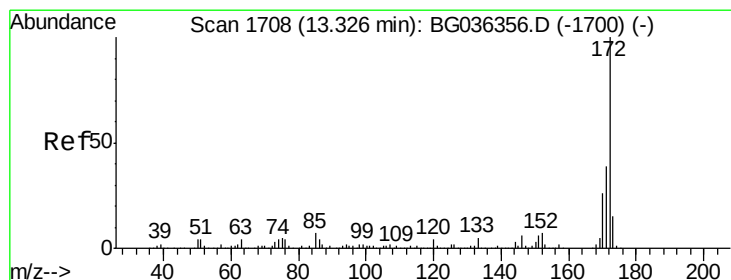
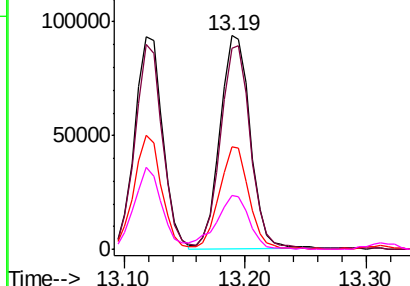
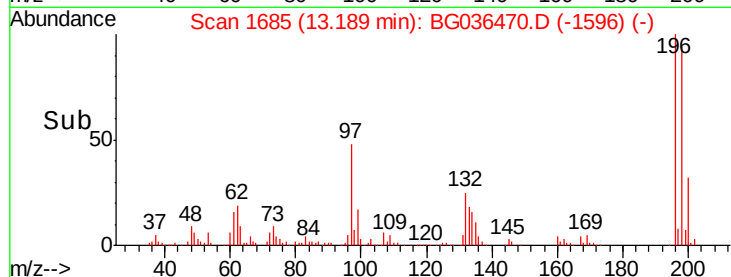
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

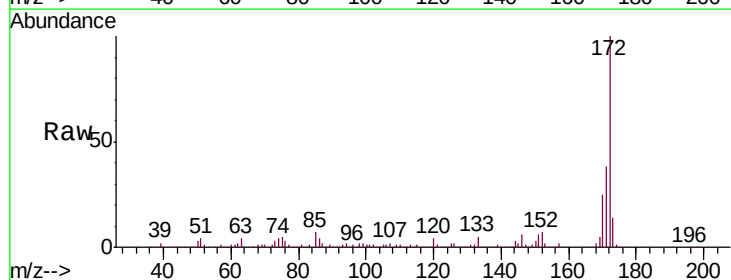
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.069 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.5	21.0	31.6

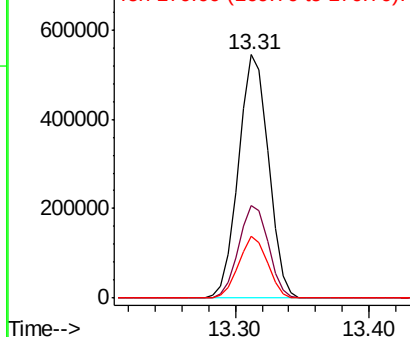
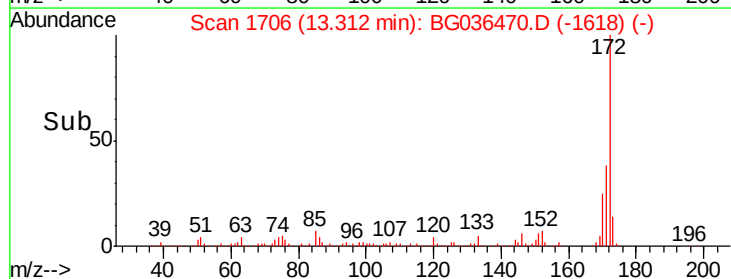


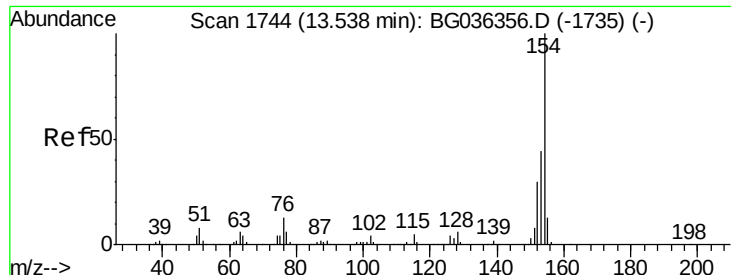
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

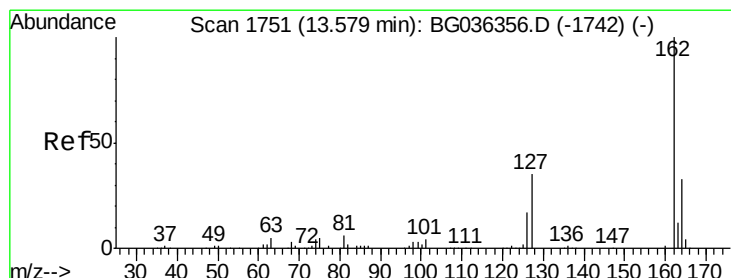
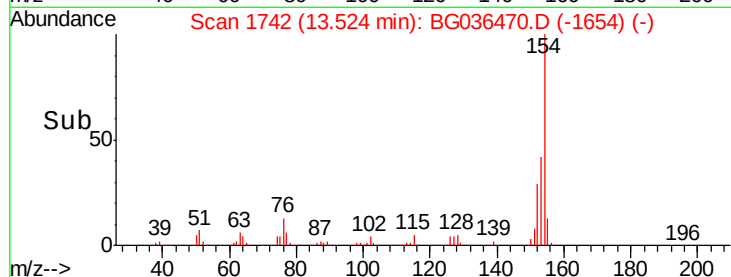
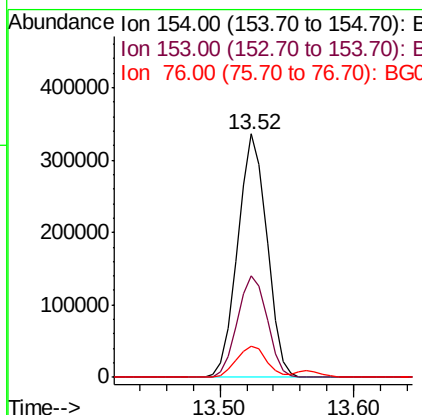
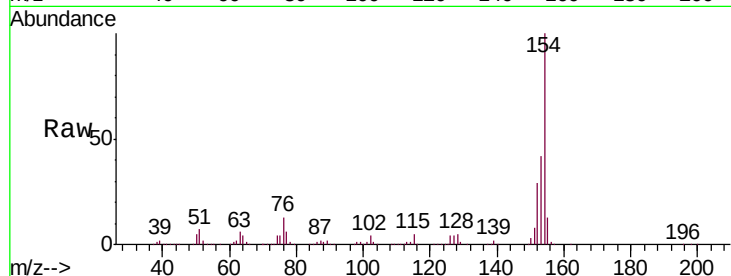




#45
 1,1'-Biphenyl
 Concen: 36.015 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

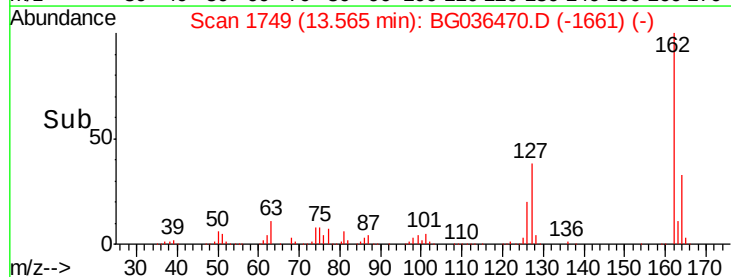
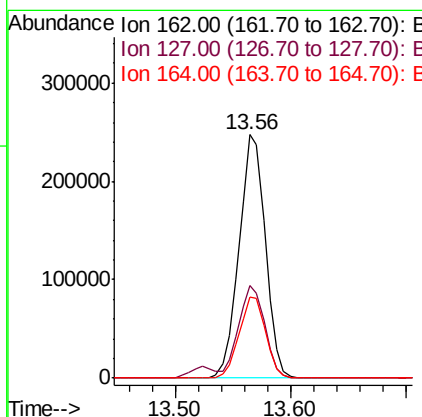
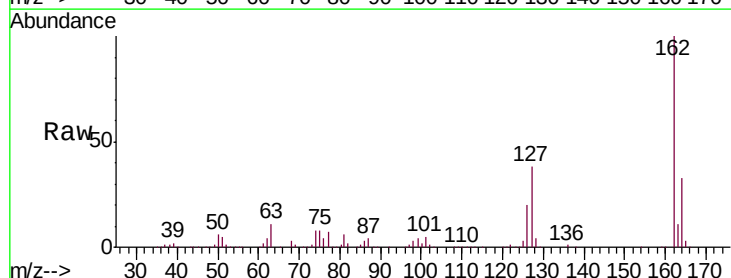
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

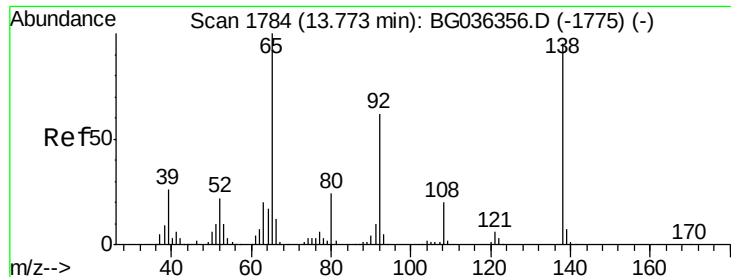
Tgt Ion:	154	Resp:	507575
Ion	Ratio	Lower	Upper
154	100		
153	41.9	24.0	64.0
76	12.6	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 36.201 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:	162	Resp:	389494
Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	33.2	26.7	40.1

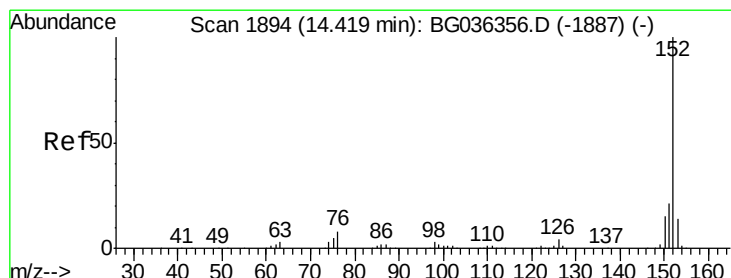
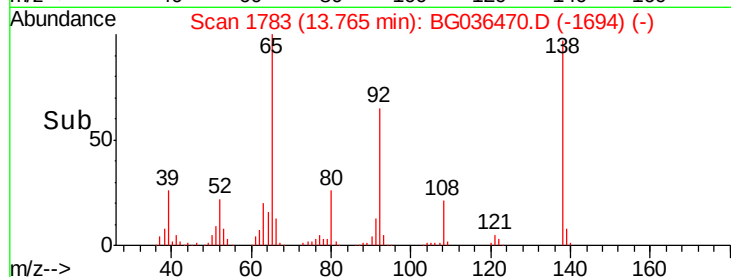
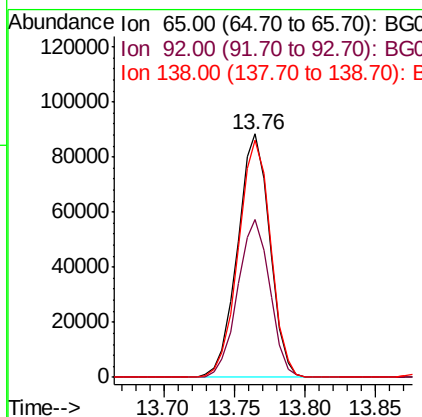
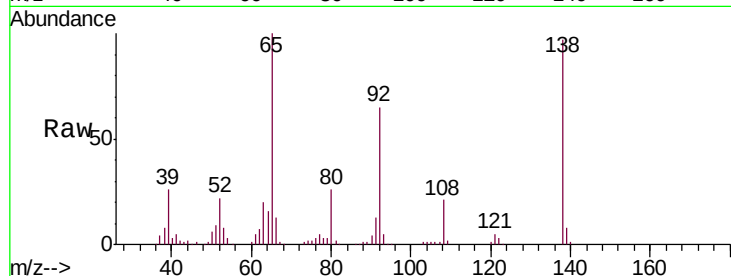




#47
2-Nitroaniline
Concen: 41.776 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

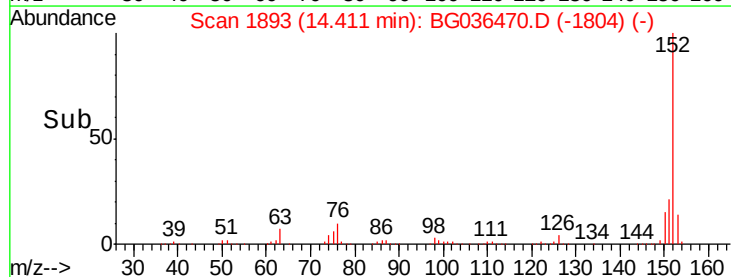
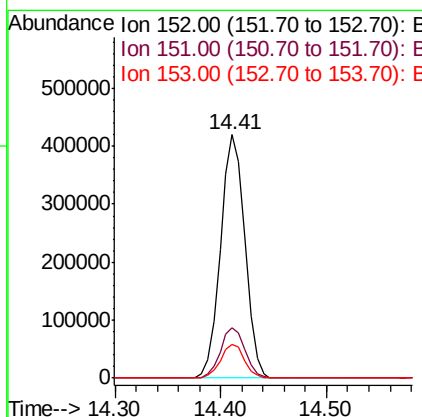
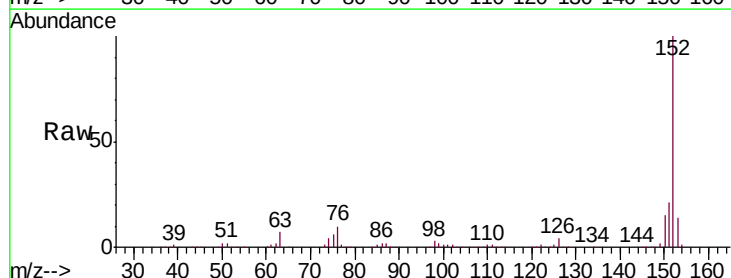
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

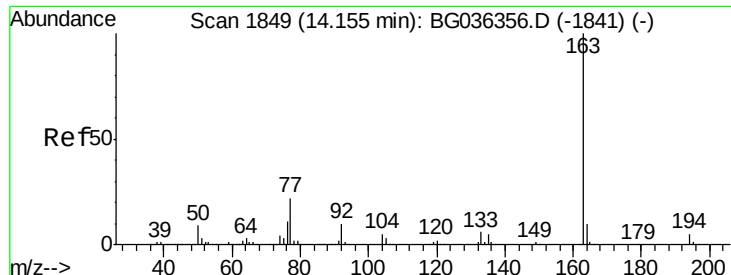
Tgt Ion: 65 Resp: 141143
Ion Ratio Lower Upper
65 100
92 64.8 49.9 74.9
138 97.2 76.2 114.4



#48
Acenaphthylene
Concen: 39.881 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion: 152 Resp: 670596
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.8 11.2 16.8





#49

Dimethylphthalate

Concen: 38.712 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

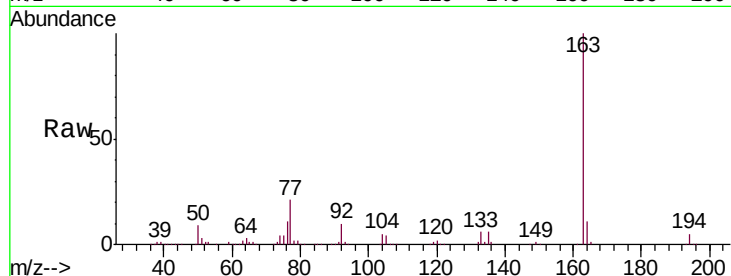
Tgt Ion:163 Resp: 536700

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

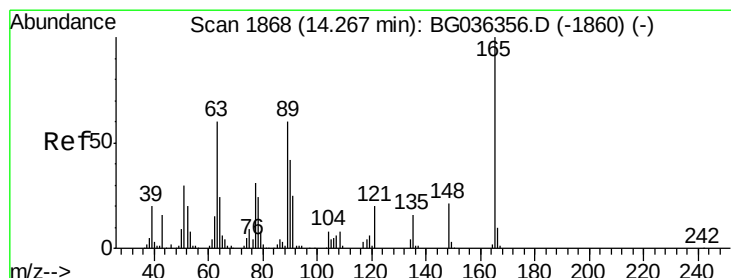
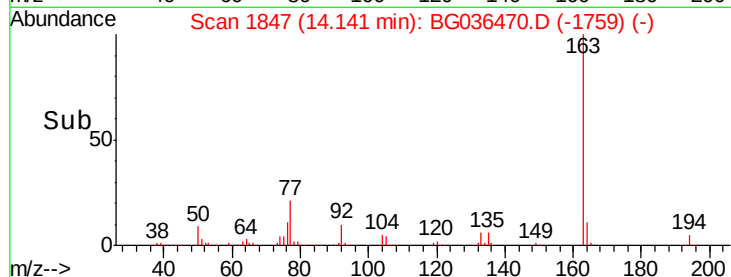
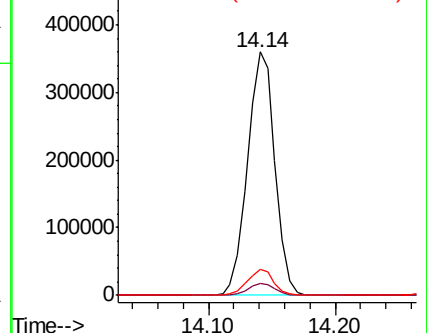
164 10.5 8.1 12.1



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: 40.878 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

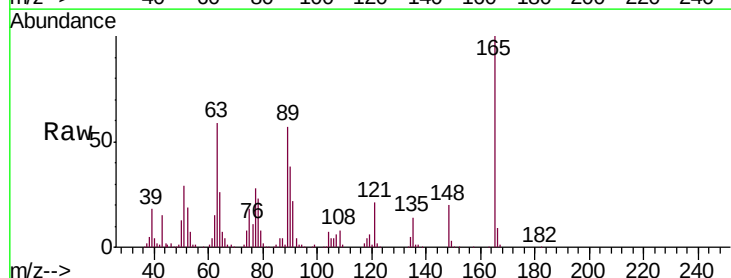
Tgt Ion:165 Resp: 116616

Ion Ratio Lower Upper

165 100

63 59.0 50.1 75.1

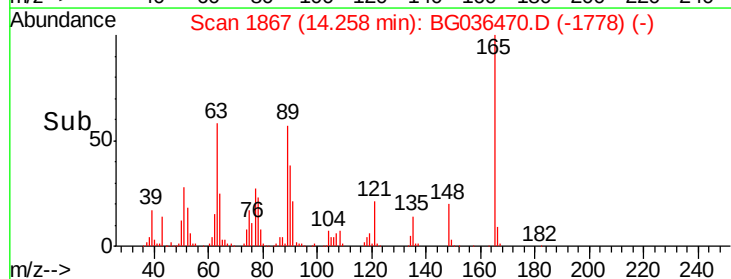
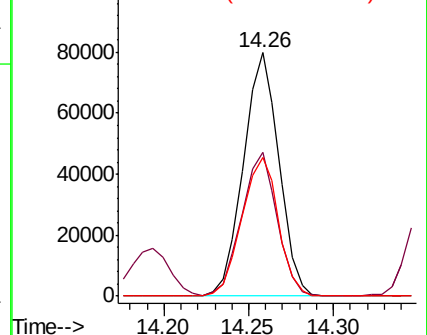
89 56.9 47.8 71.6

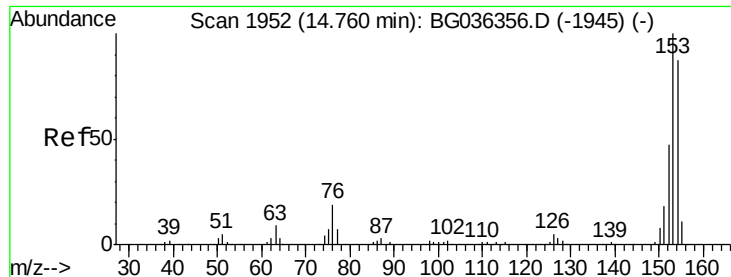


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.471 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

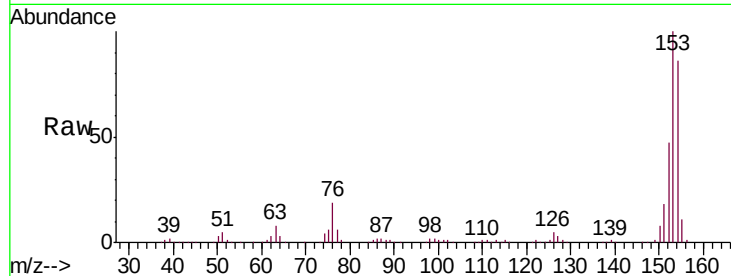
Tgt Ion:154 Resp: 425063

Ion Ratio Lower Upper

154 100

153 115.8 91.8 137.6

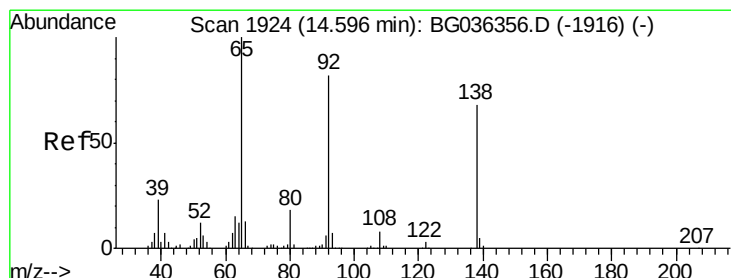
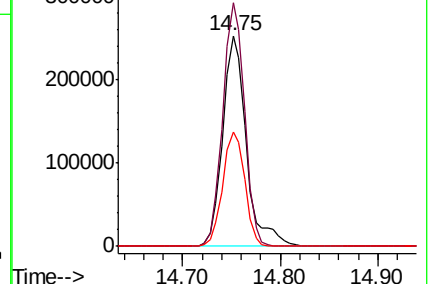
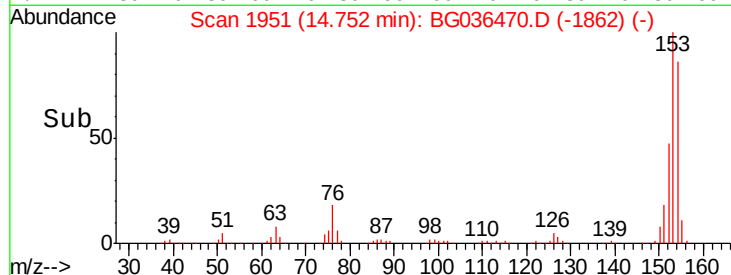
152 54.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.287 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

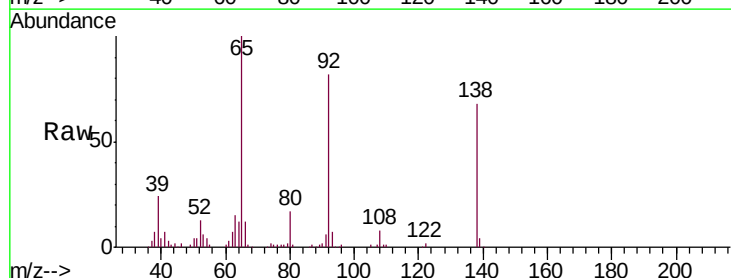
Tgt Ion:138 Resp: 86962

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

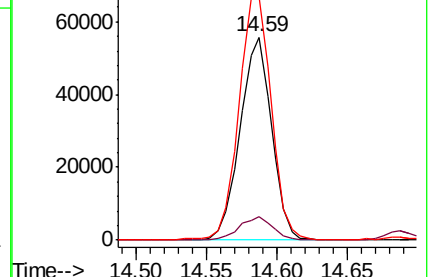
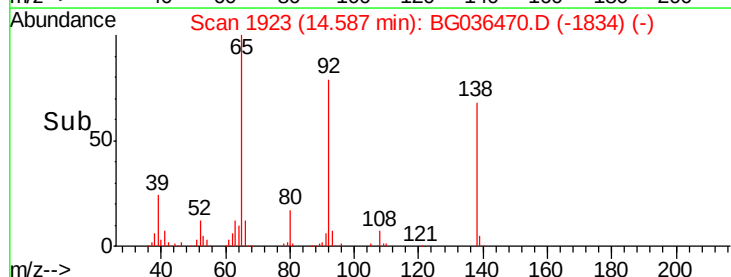
92 120.1 96.8 145.2

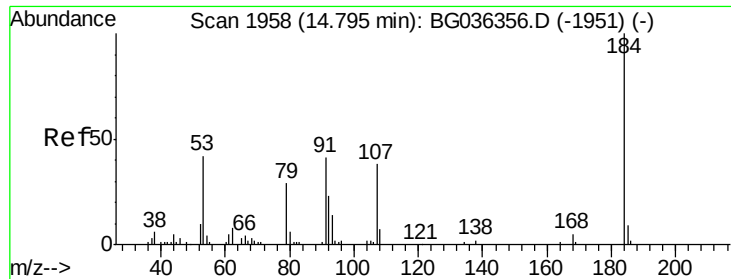


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

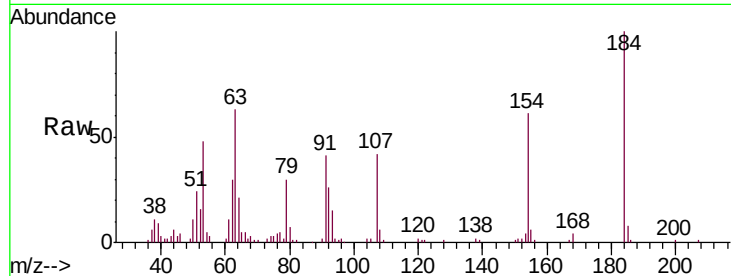




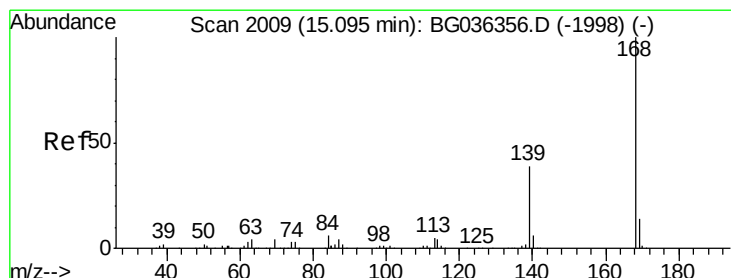
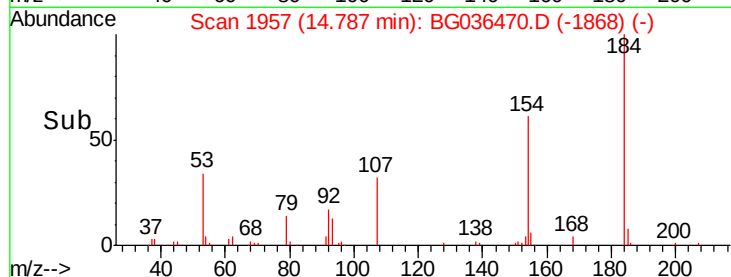
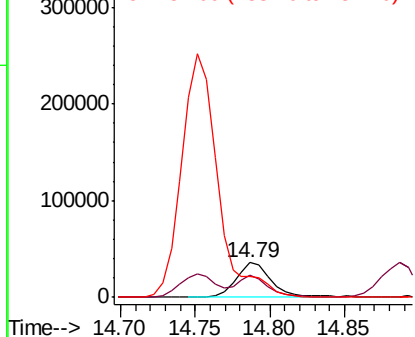
#53
 2,4-Dinitrophenol
 Concen: 54.114 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion:184 Resp: 58474
 Ion Ratio Lower Upper
 184 100
 63 63.0 47.3 70.9
 154 60.8 51.1 76.7

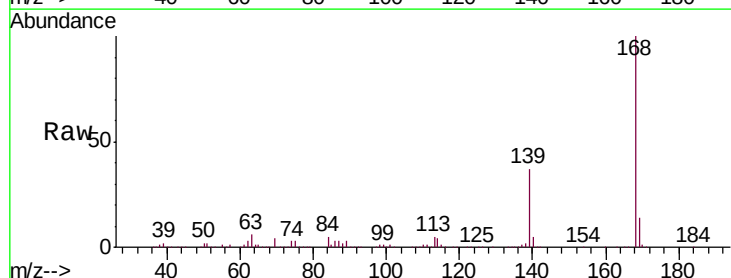


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

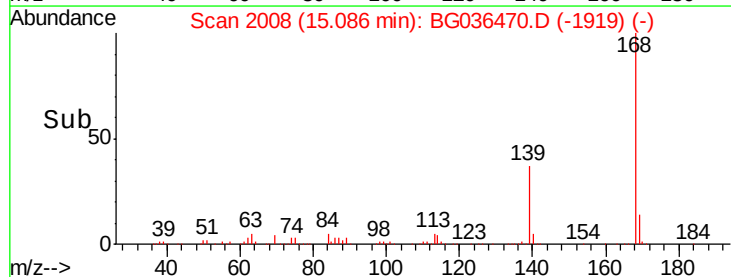
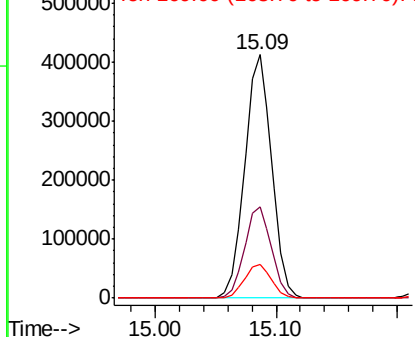


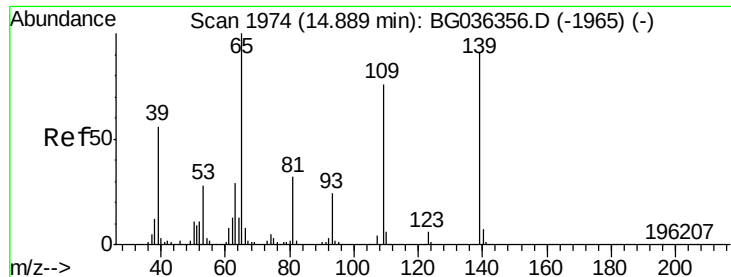
#54
 Dibenzofuran
 Concen: 37.914 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:168 Resp: 639659
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.0 46.6
 169 14.1 11.1 16.7



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

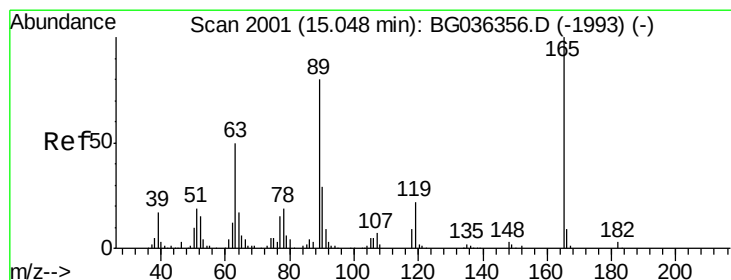
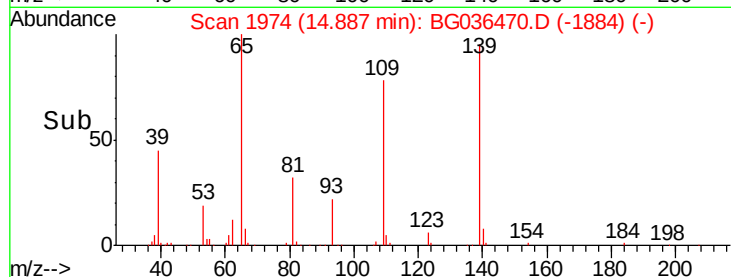
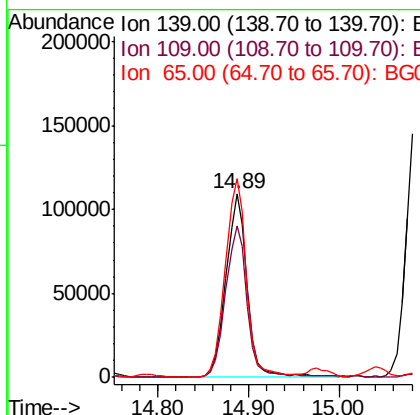
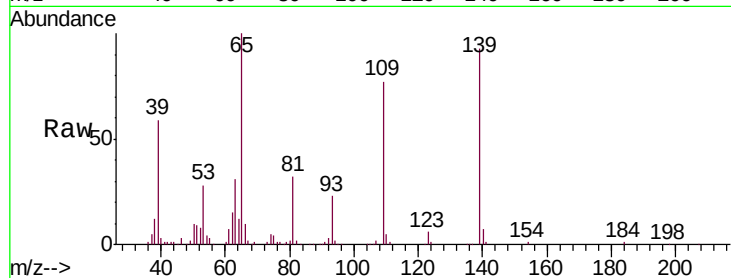




#55
4-Nitrophenol
Concen: 70.815 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

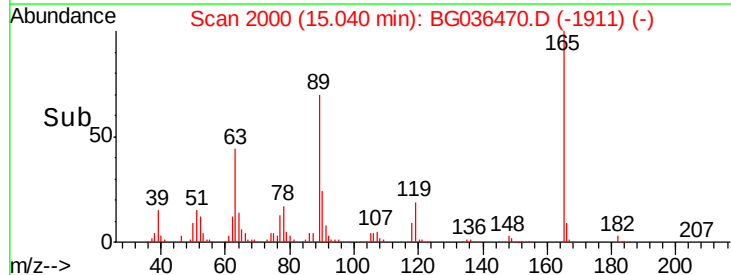
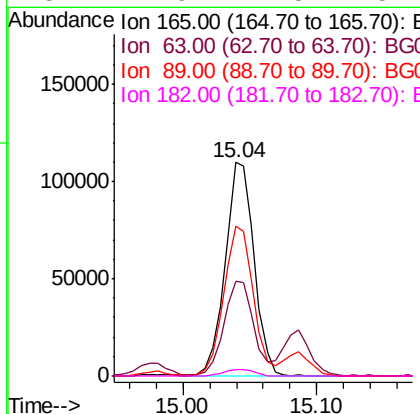
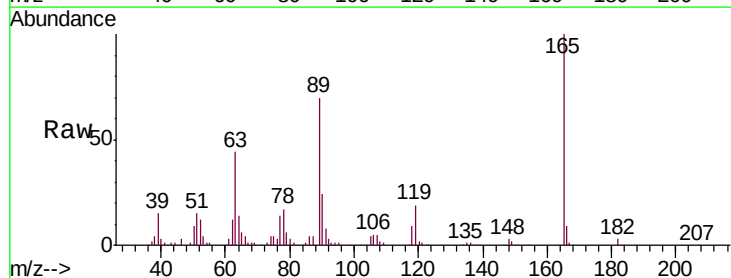
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

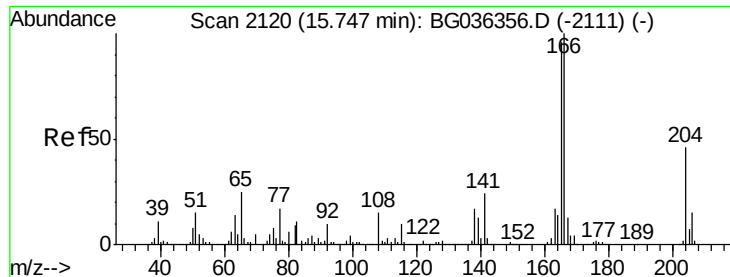
Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.8	63.9	103.9
65	108.0	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 44.912 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.1	40.1	60.1
89	70.4	63.7	95.5
182	2.9	2.5	3.7

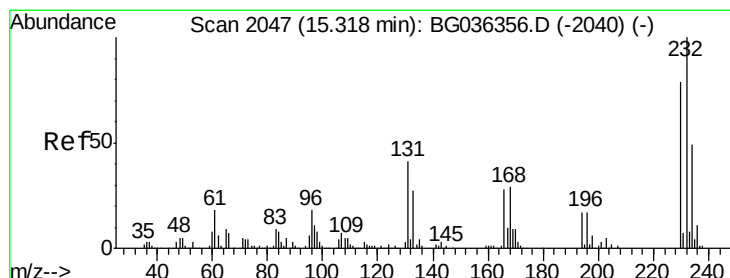
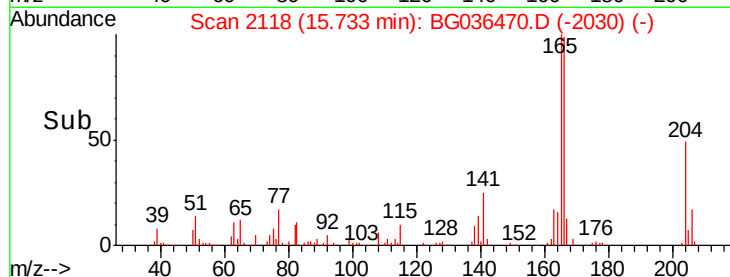
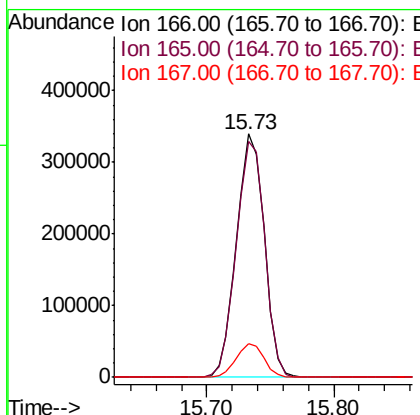
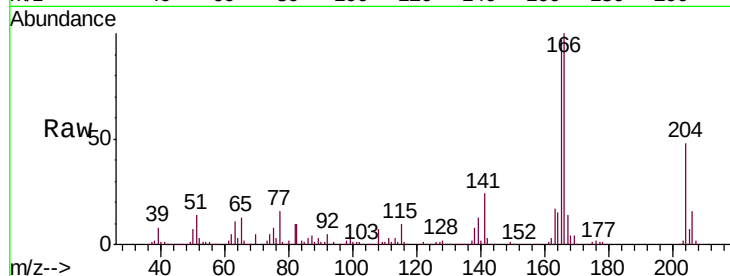




#57
 Fluorene
 Concen: 41.046 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

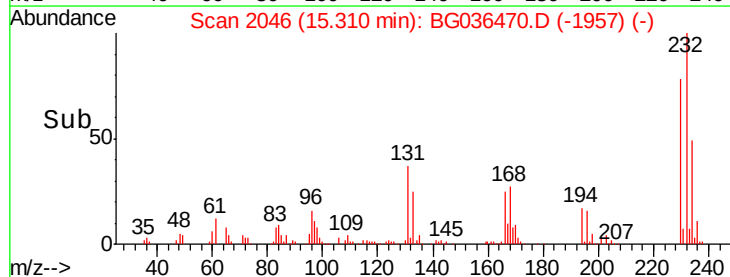
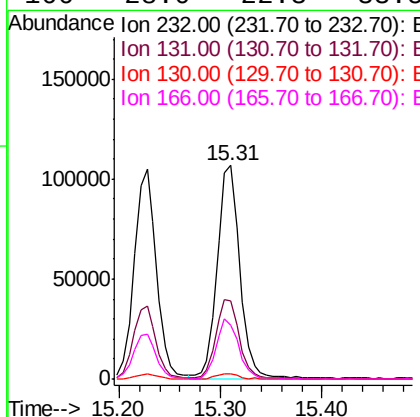
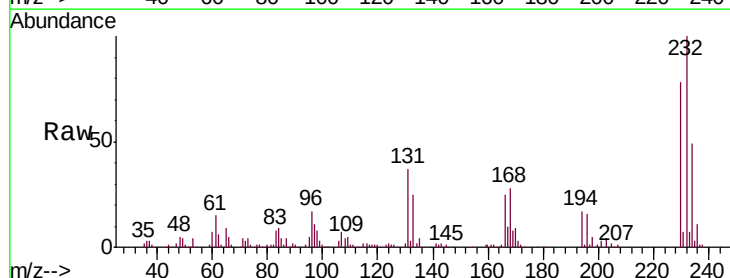
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

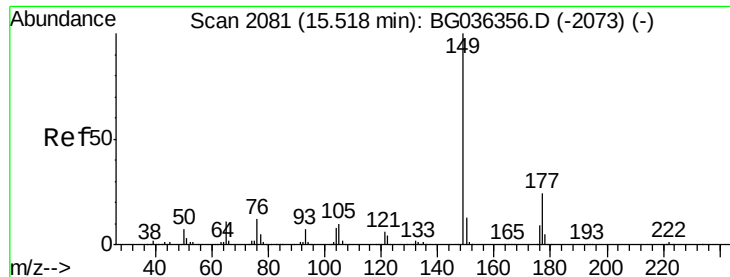
Tgt Ion:166 Resp: 517693
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.0 115.4
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.208 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:232 Resp: 165816
 Ion Ratio Lower Upper
 232 100
 131 38.3 33.8 50.8
 130 2.5 2.1 3.1
 166 28.0 22.3 33.5

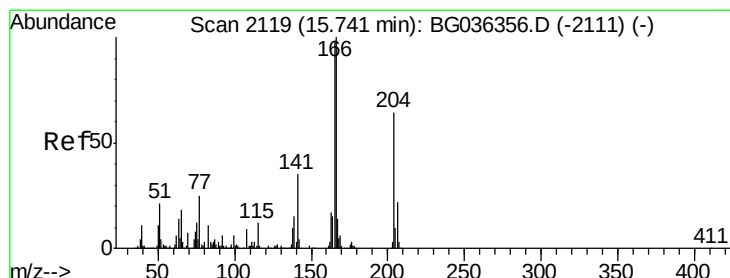
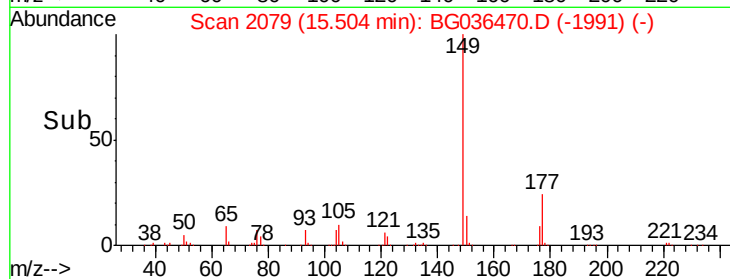
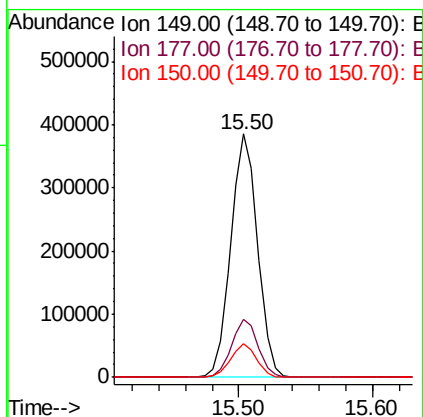
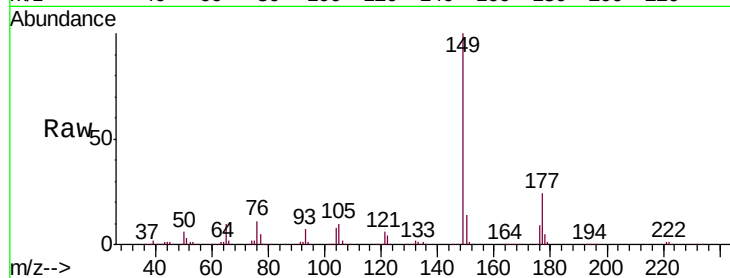




#59
Diethylphthalate
Concen: 38.538 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

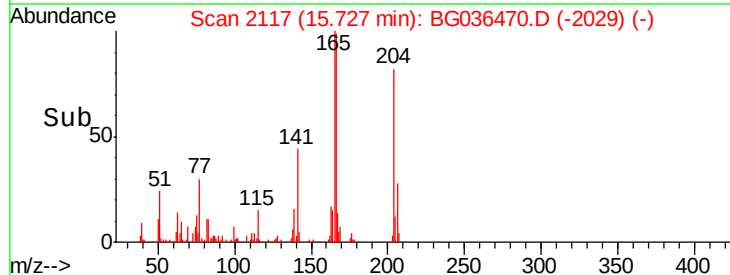
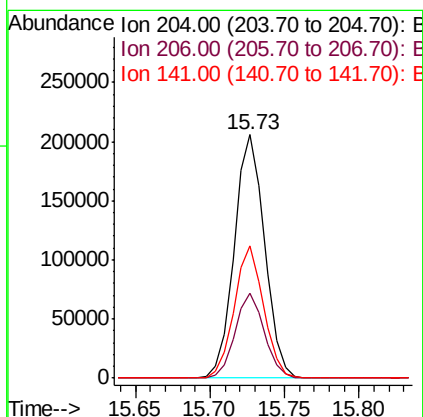
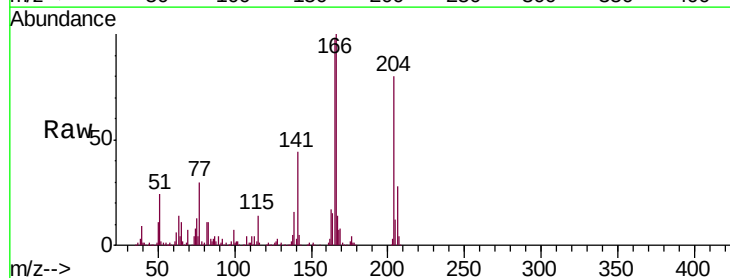
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

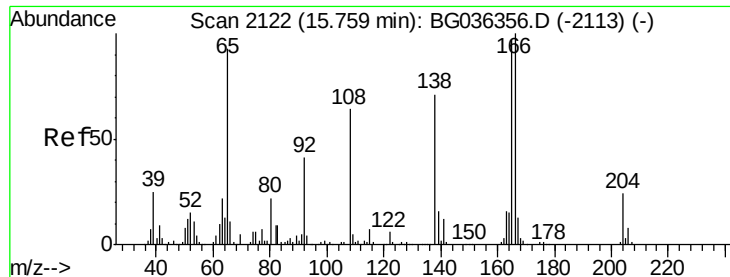
Tgt Ion:149 Resp: 538453
Ion Ratio Lower Upper
149 100
177 23.6 19.1 28.7
150 13.6 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 37.245 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:204 Resp: 290067
Ion Ratio Lower Upper
204 100
206 34.9 27.0 40.4
141 54.6 43.8 65.6

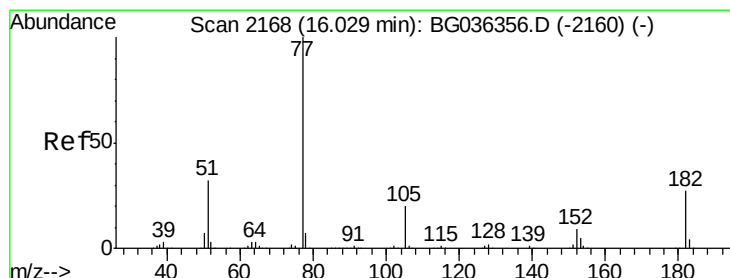
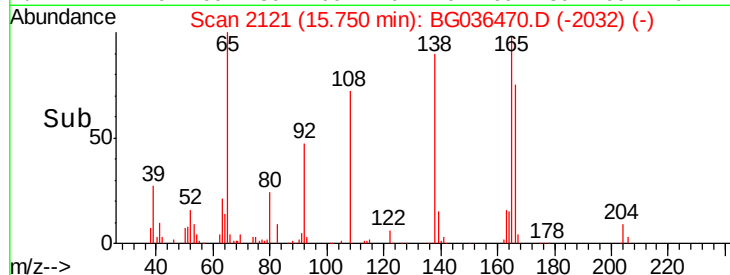
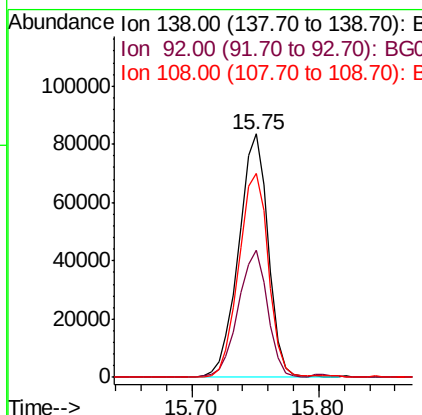
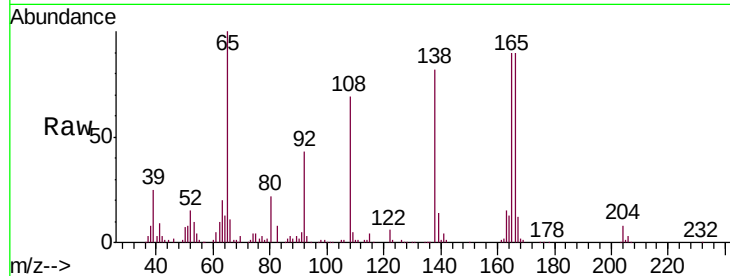




#61
4-Nitroaniline
Concen: 41.894 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

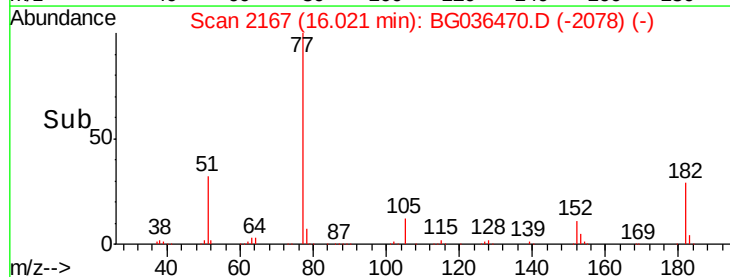
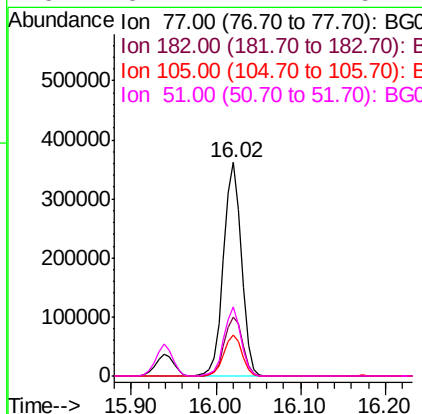
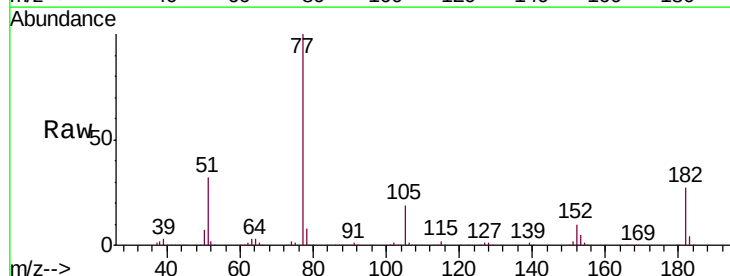
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

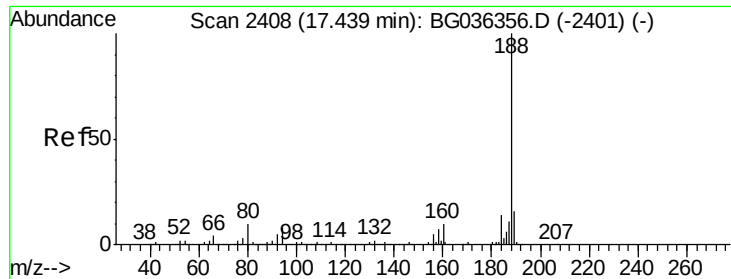
Tgt Ion:138 Resp: 134773
Ion Ratio Lower Upper
138 100
92 52.0 38.5 78.5
108 83.9 70.3 110.3



#62
Azobenzene
Concen: 37.420 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion: 77 Resp: 531963
Ion Ratio Lower Upper
77 100
182 27.4 6.7 46.7
105 19.4 0.0 39.8
51 32.4 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: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

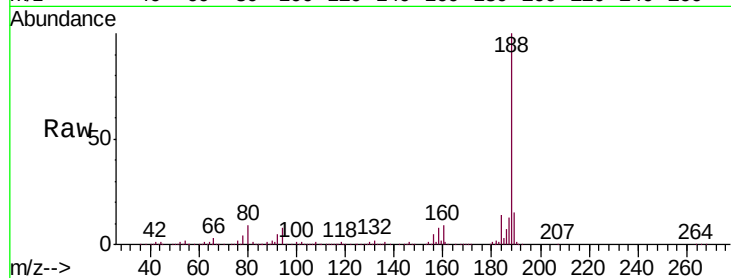
Tgt Ion:188 Resp: 447762

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

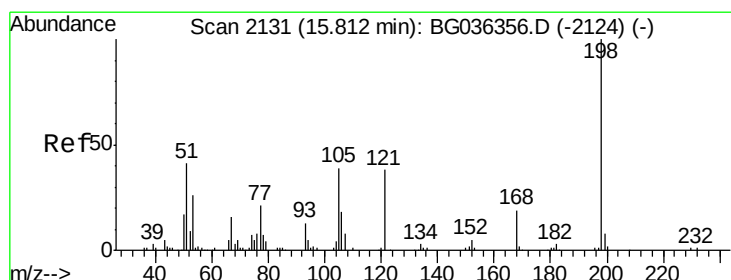
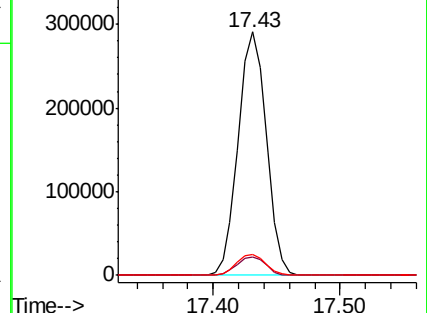
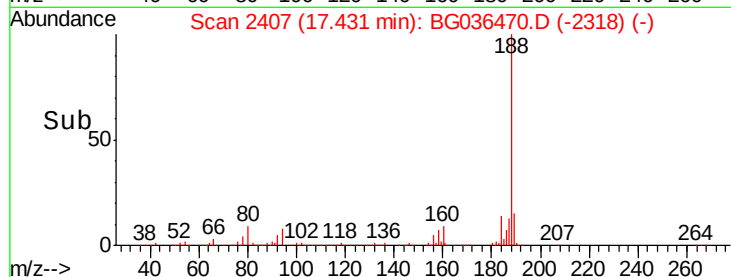
80 8.8 8.1 12.1



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: 31.911 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

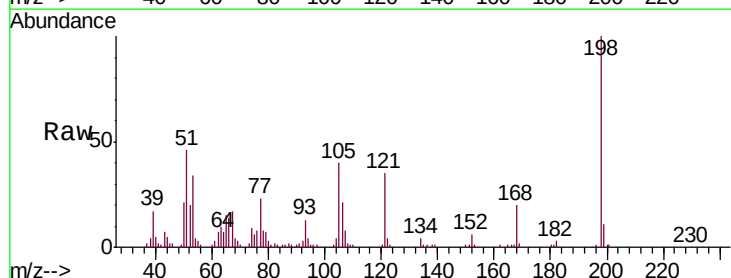
Tgt Ion:198 Resp: 62767

Ion Ratio Lower Upper

198 100

51 46.3 26.5 66.5

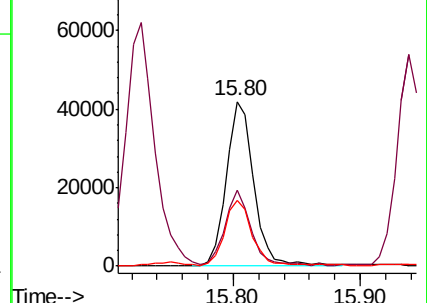
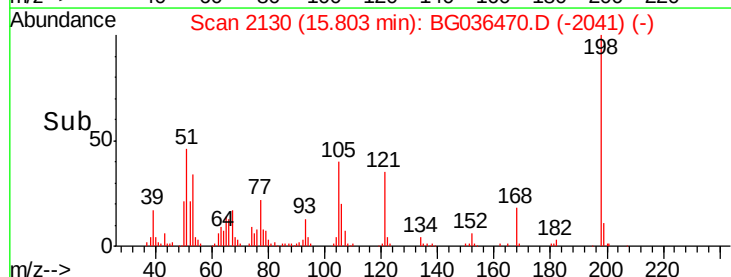
105 40.2 20.2 60.2

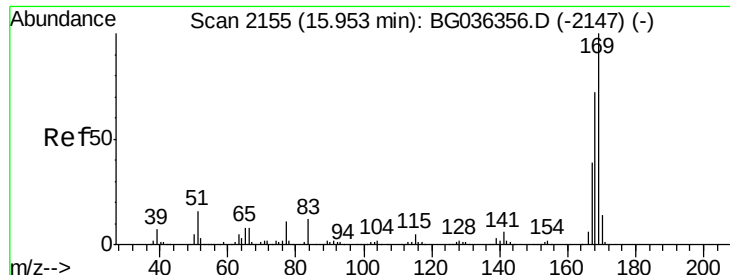


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

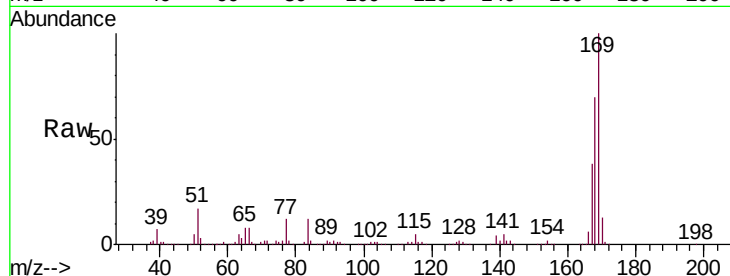




#65
 n-Nitrosodiphenylamine
 Concen: 36.016 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.6	86.4
167	38.5	31.0	46.4

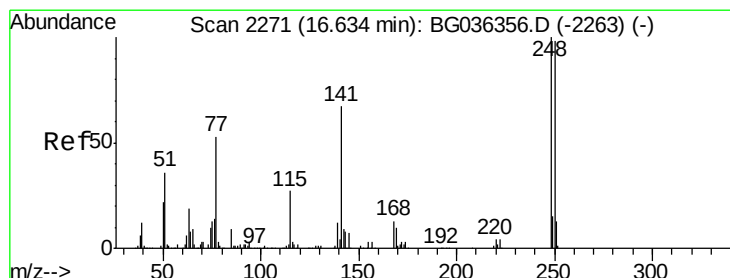
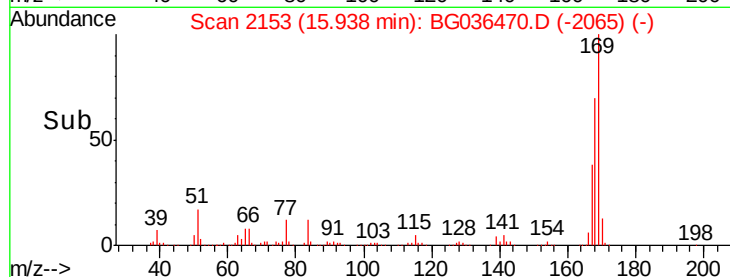
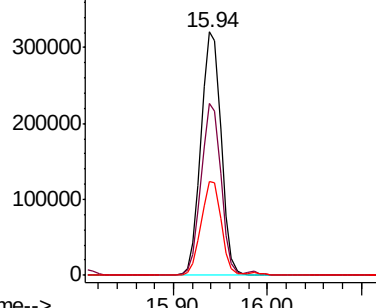


Abundance

Ion 169.00 (168.70 to 169.70): E

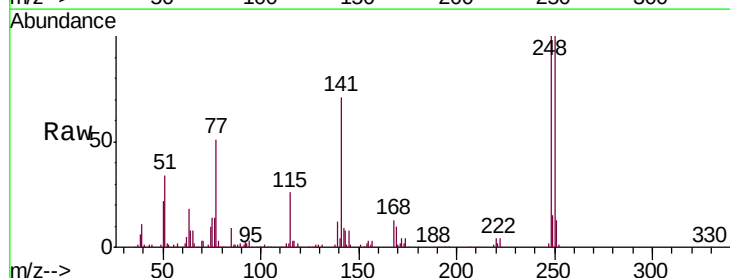
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 37.895 ng
 RT: 16.62 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.1	117.1
141	71.0	53.7	80.5

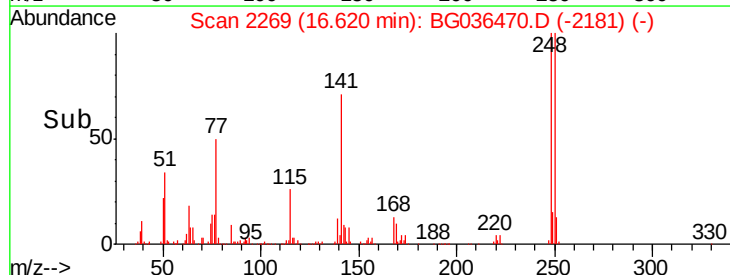
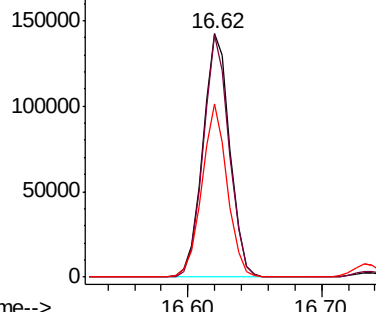


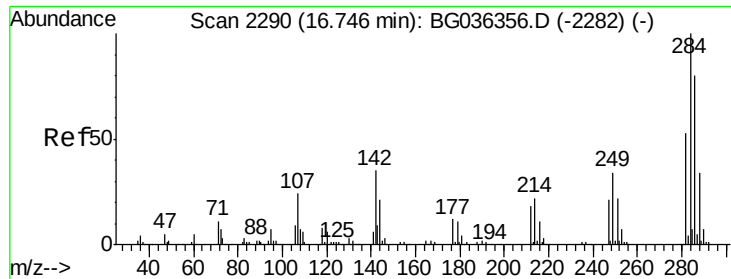
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.860 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

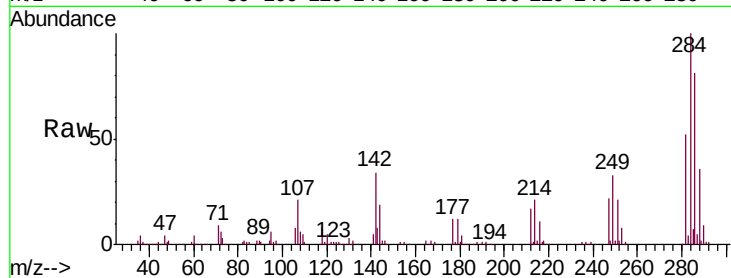
Tgt Ion:284 Resp: 197588

Ion Ratio Lower Upper

284 100

142 33.8 27.8 41.6

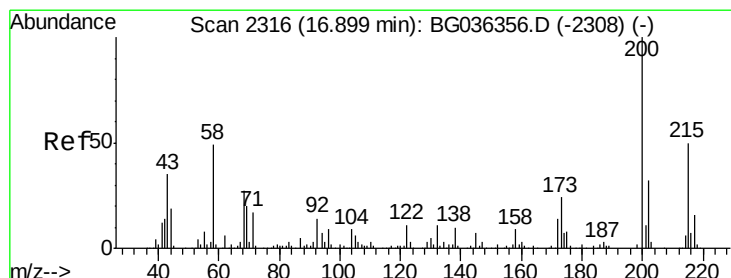
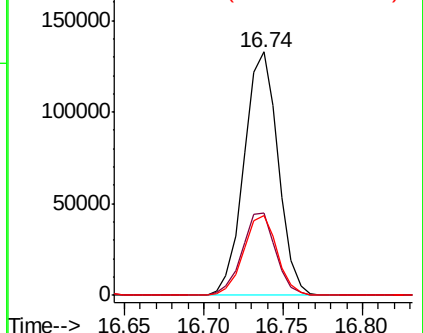
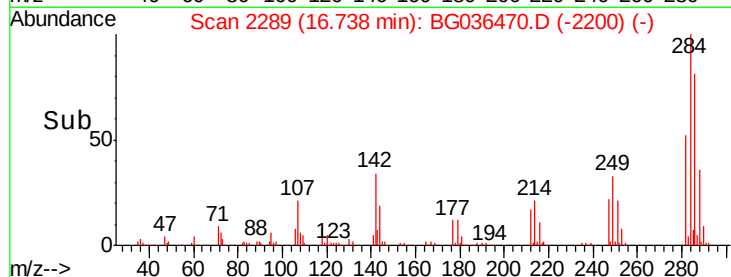
249 32.5 27.4 41.2



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: 39.253 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

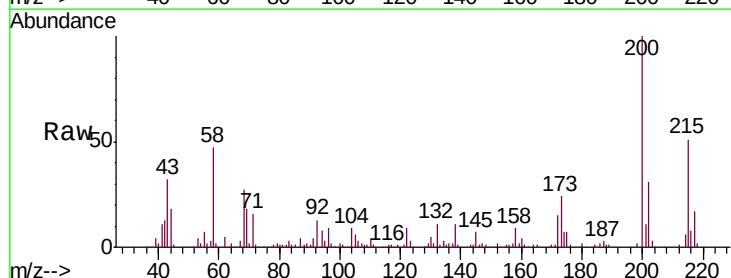
Tgt Ion:200 Resp: 196022

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

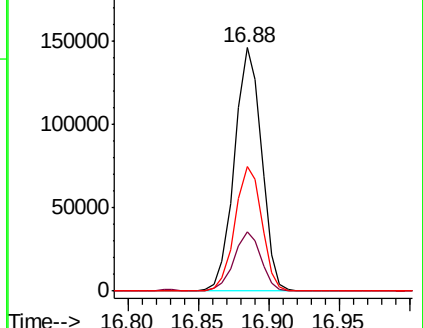
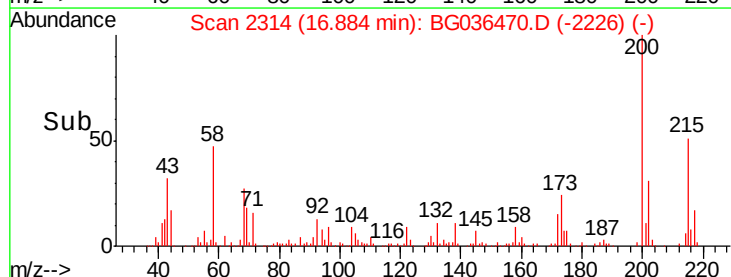
215 51.4 30.4 70.4

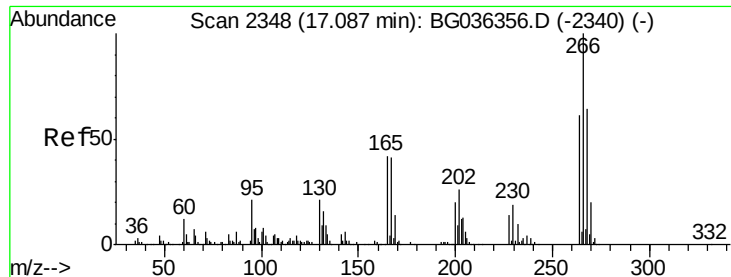


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 61.547 ng

RT: 17.08 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

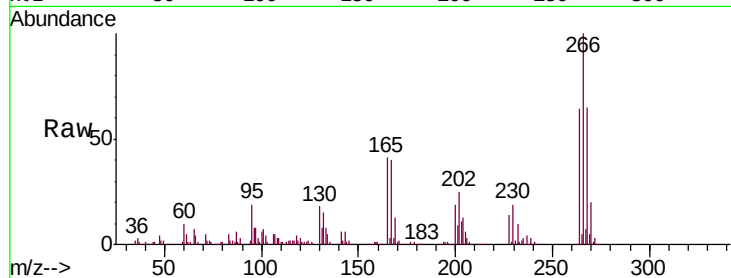
Tgt Ion:266 Resp: 224229

Ion Ratio Lower Upper

266 100

268 65.4 51.4 77.2

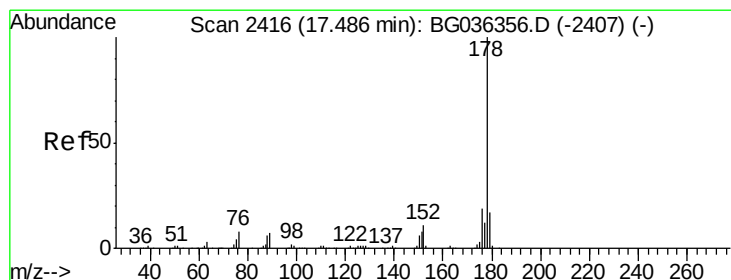
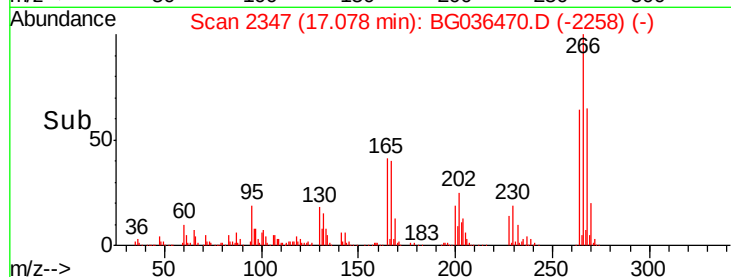
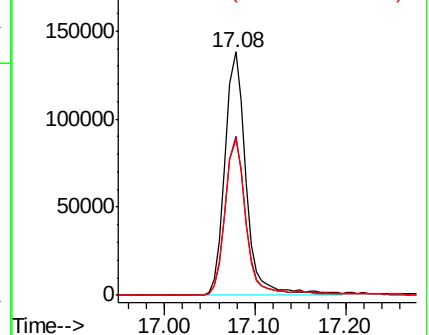
264 63.8 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.254 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

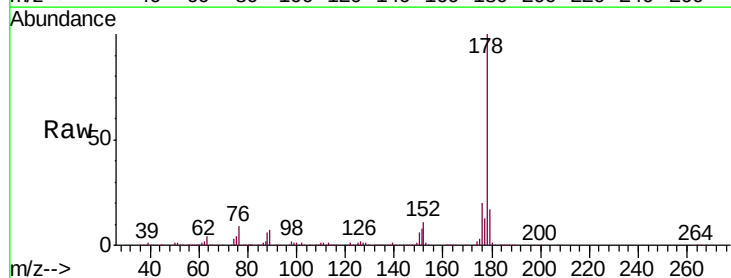
Tgt Ion:178 Resp: 893122

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

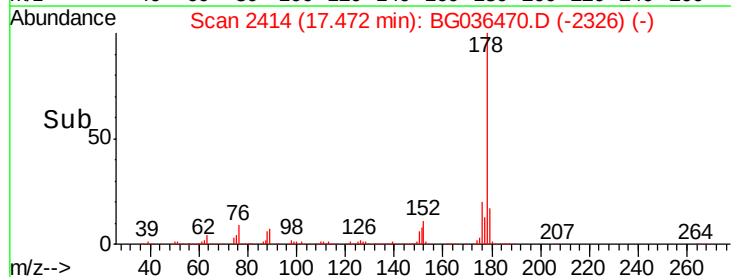
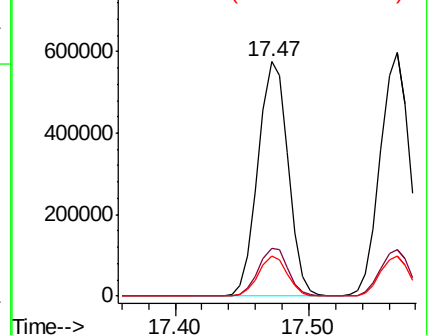
179 17.0 13.4 20.2

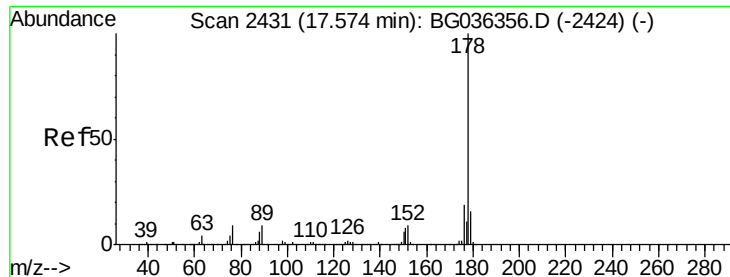


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

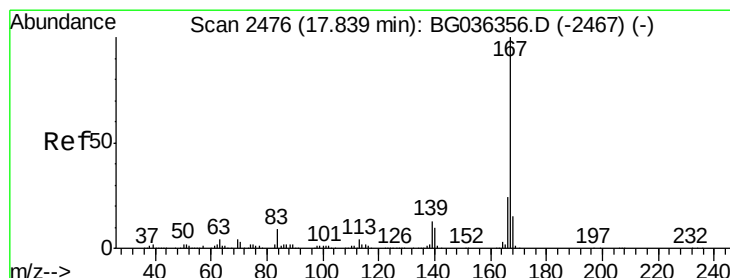
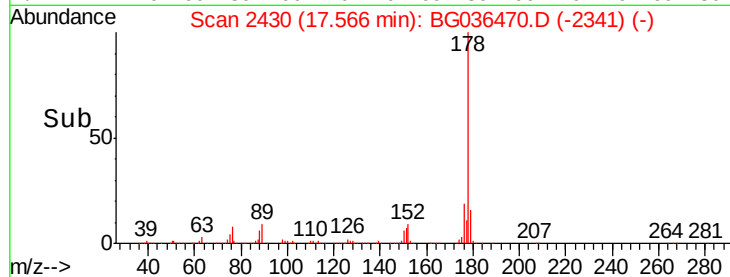
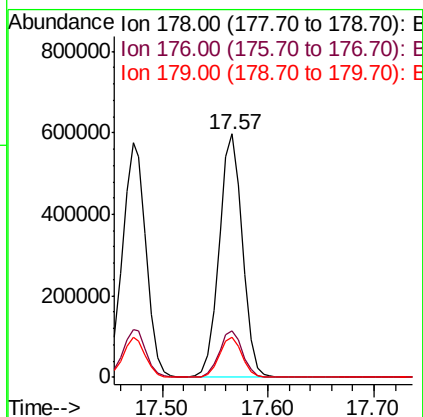
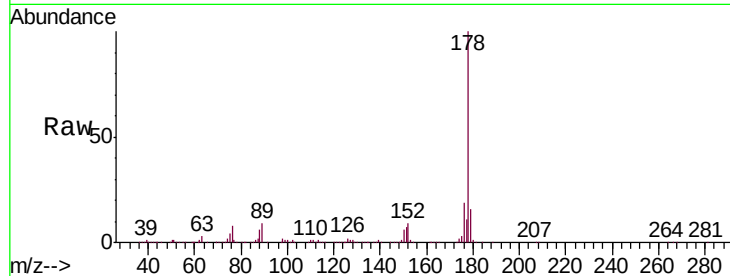




#71
 Anthracene
 Concen: 40.178 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

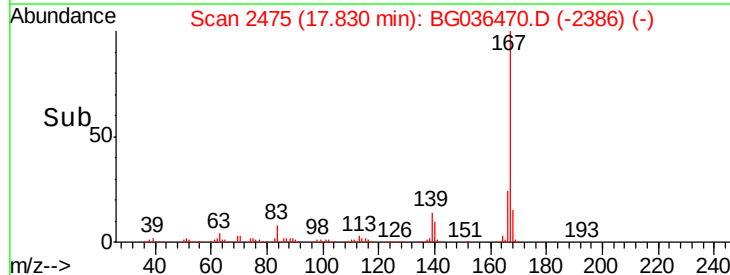
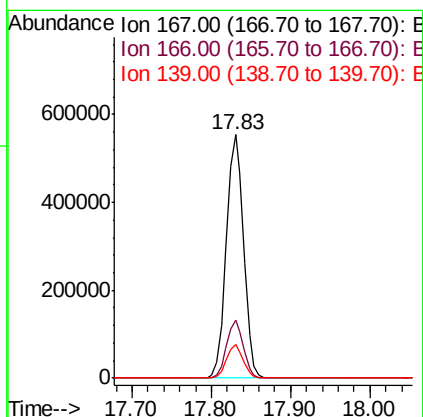
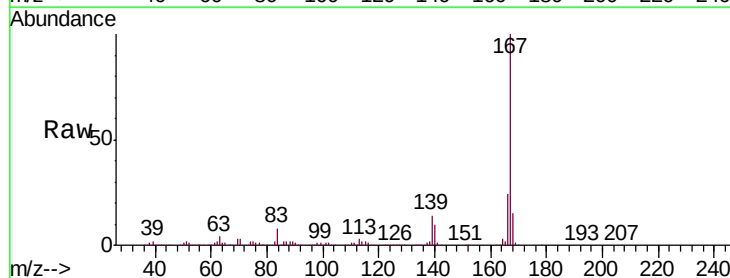
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

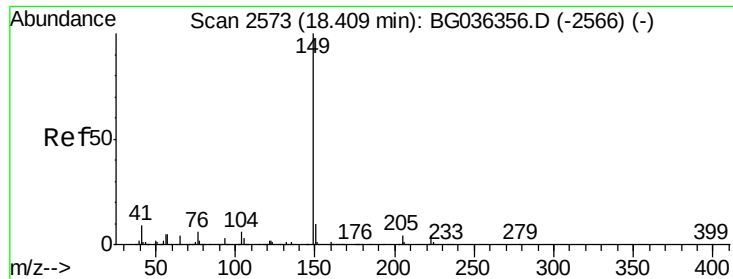
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.4	13.0	19.4



#72
 Carbazole
 Concen: 36.781 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.5	29.3
139	13.7	10.7	16.1





#73

Di-n-butylphthalate

Concen: 37.742 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

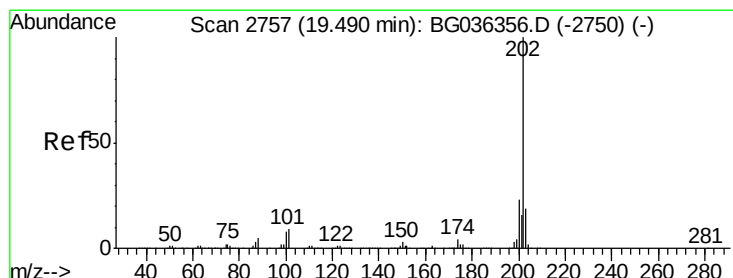
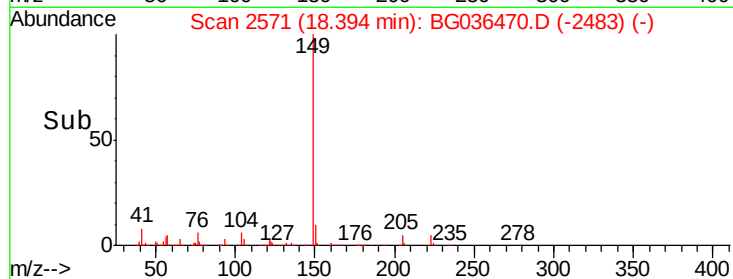
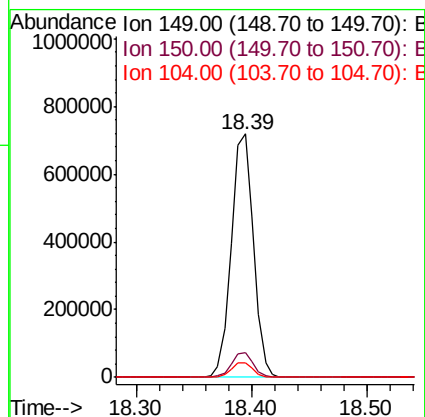
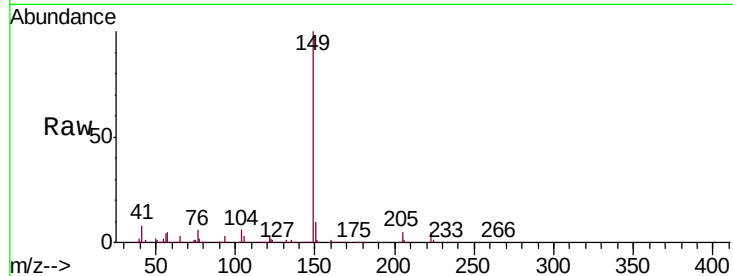
Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

Tgt Ion:	149	Resp:	951938
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.0	4.6	6.8



#74

Fluoranthene

Concen: 40.872 ng

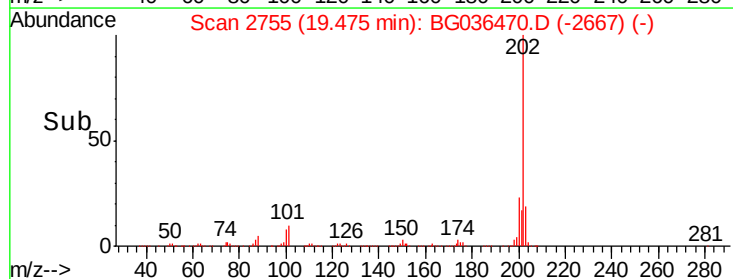
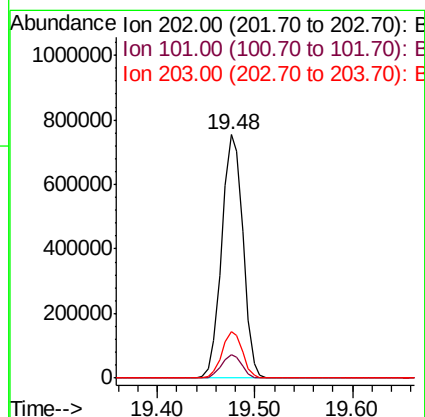
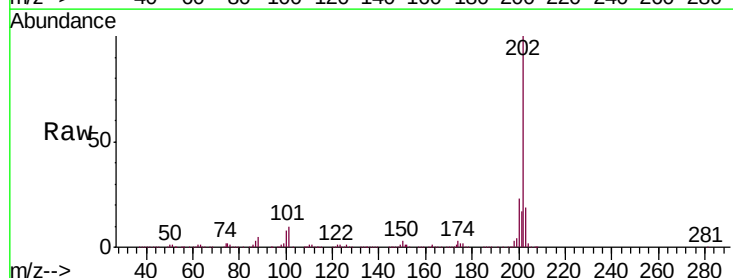
RT: 19.48 min Scan# 2755

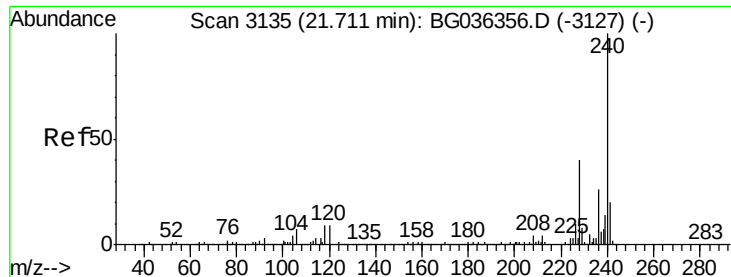
Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Tgt Ion:	202	Resp:	1133777
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.4
203	19.2	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

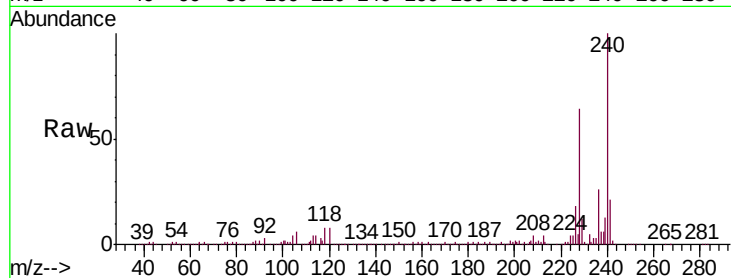
Tgt Ion:240 Resp: 474908

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

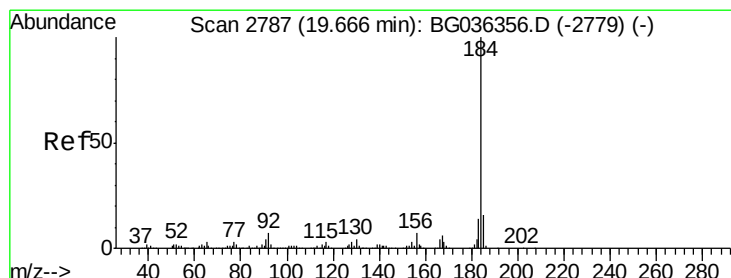
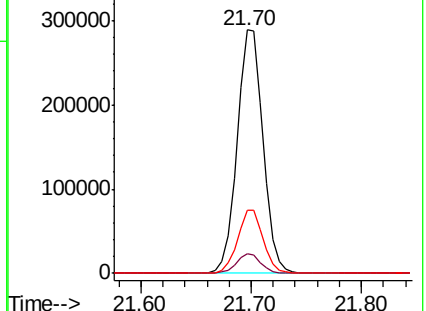
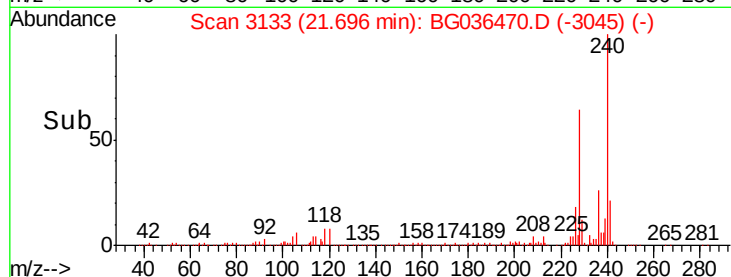
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.513 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

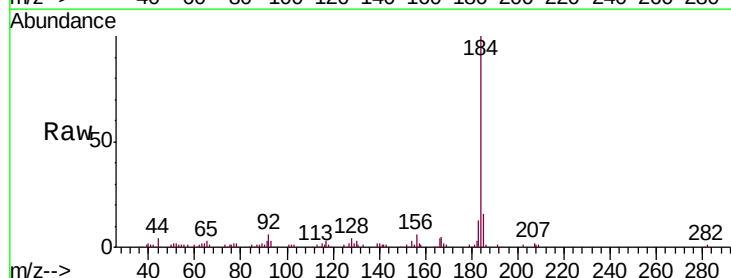
Tgt Ion:184 Resp: 128989

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

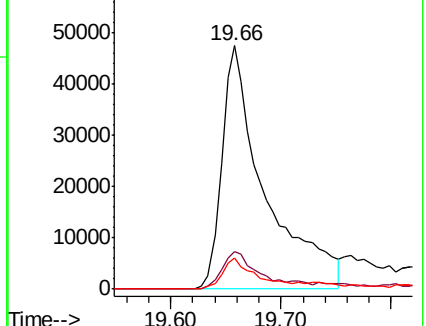
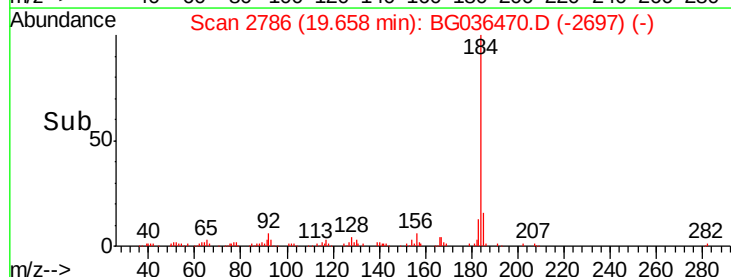
183 12.8 10.9 16.3

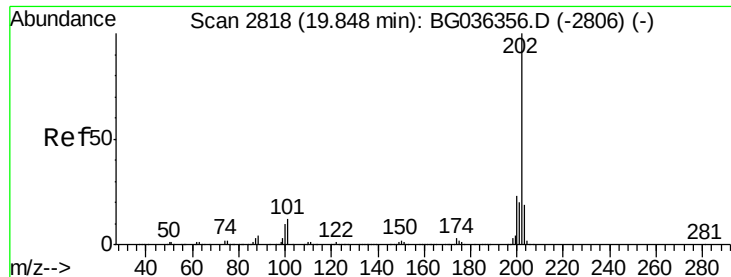


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



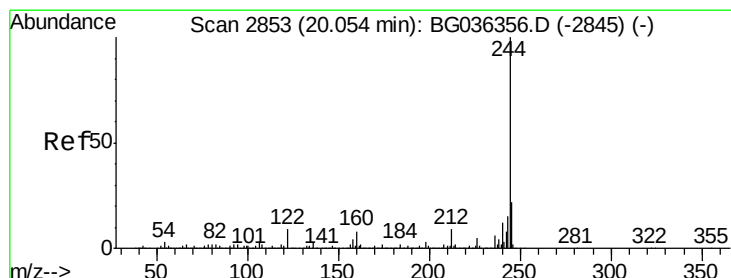
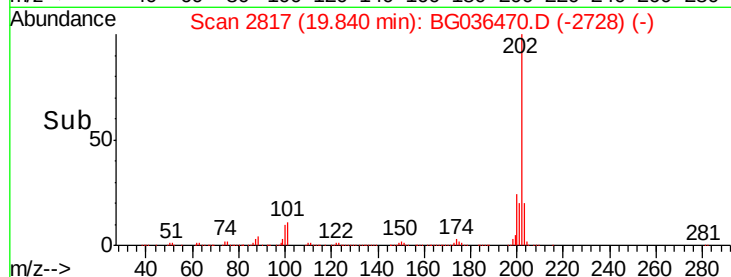
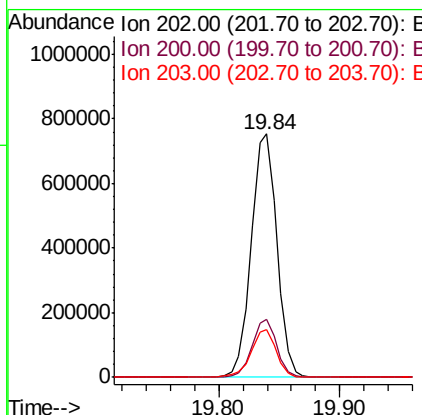
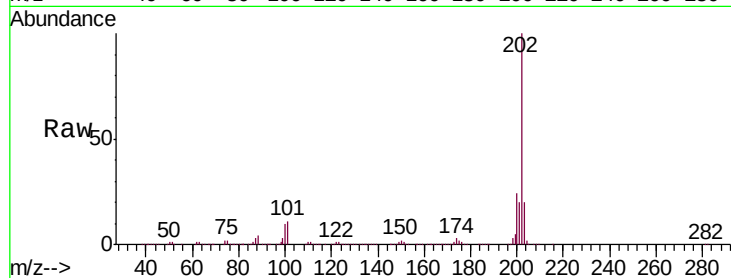


#77
 Pyrene
 Concen: 38.210 ng
 RT: 19.84 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

Tgt Ion:202 Resp: 1115888

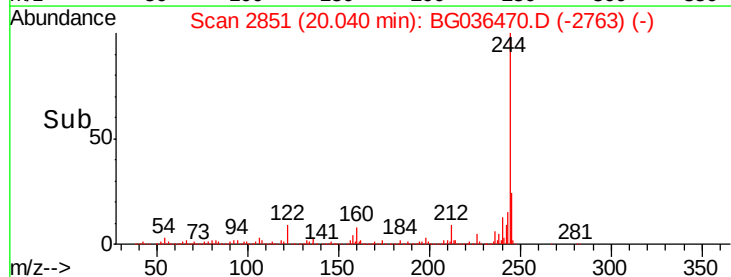
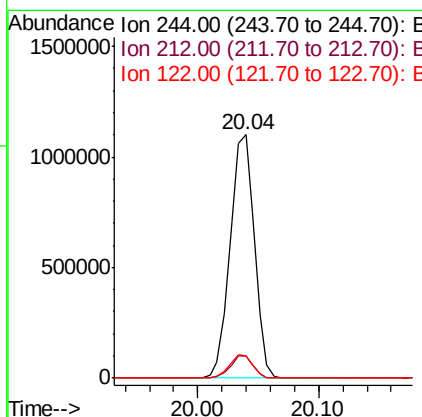
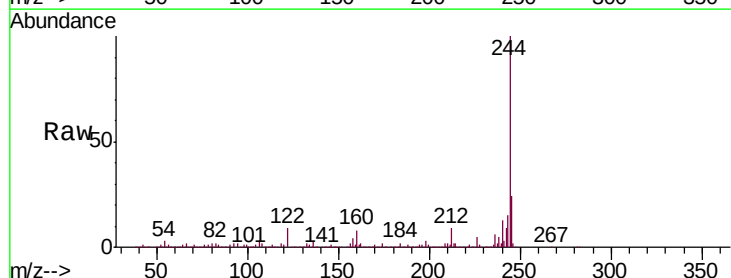
Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	19.6	15.1	22.7

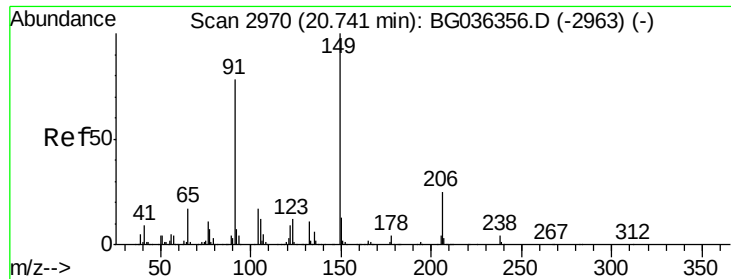


#78
 Terphenyl-d14
 Concen: 75.618 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion:244 Resp: 1536436

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	8.9	7.1	10.7

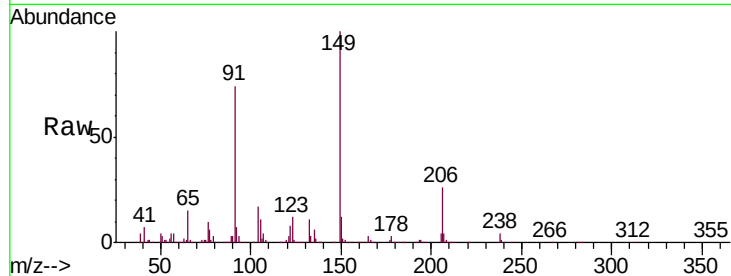




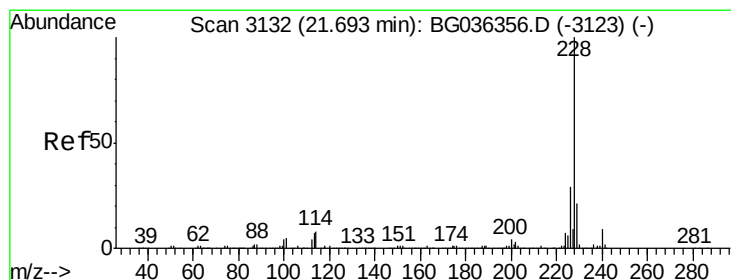
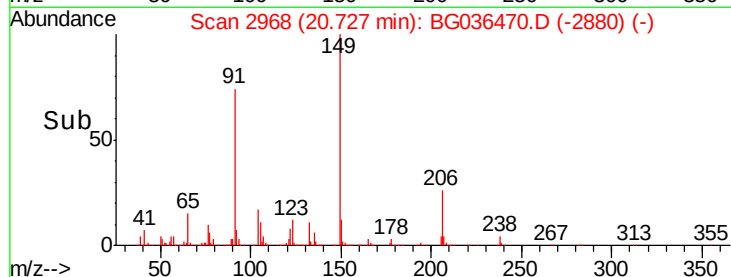
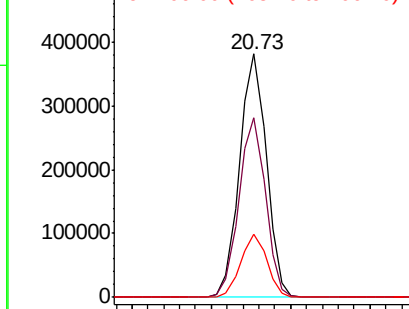
#79
Butylbenzylphthalate
Concen: 38.682 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

Tgt Ion:149 Resp: 449571
Ion Ratio Lower Upper
149 100
91 74.0 62.0 93.0
206 26.0 19.6 29.4

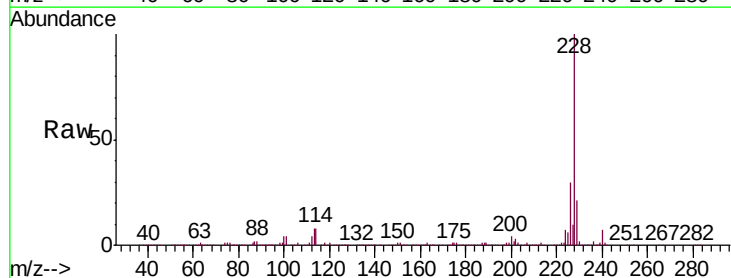


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

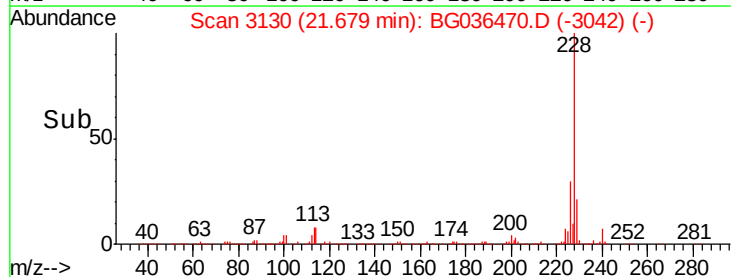
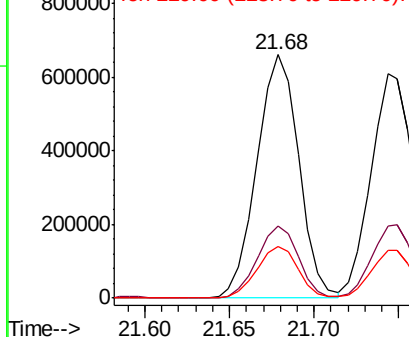


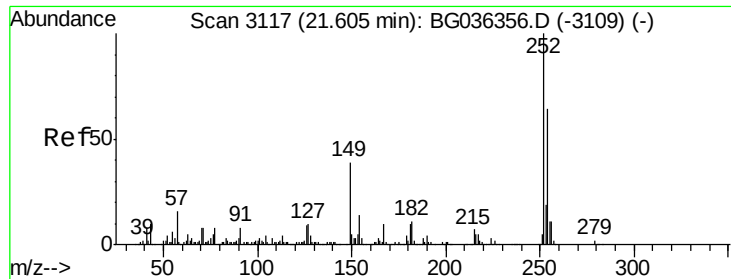
#80
Benzo(a)anthracene
Concen: 39.643 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:228 Resp: 1140555
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.0 17.1 25.7



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

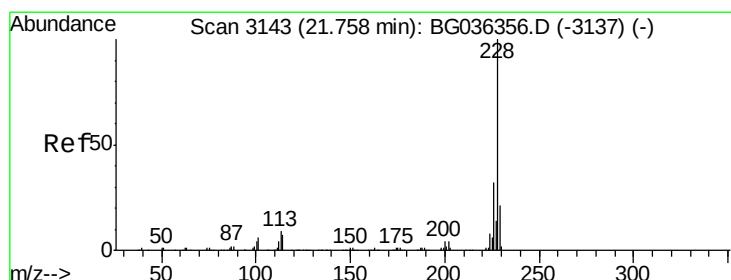
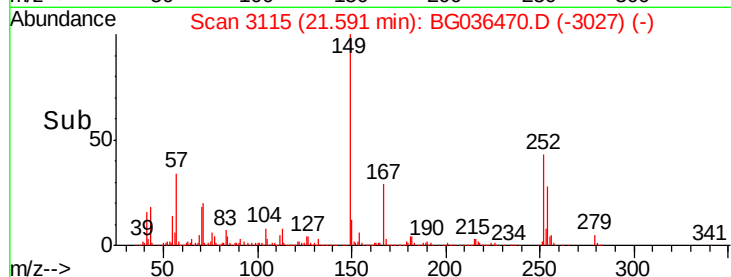
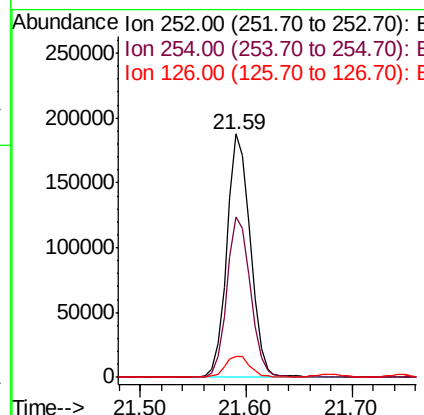
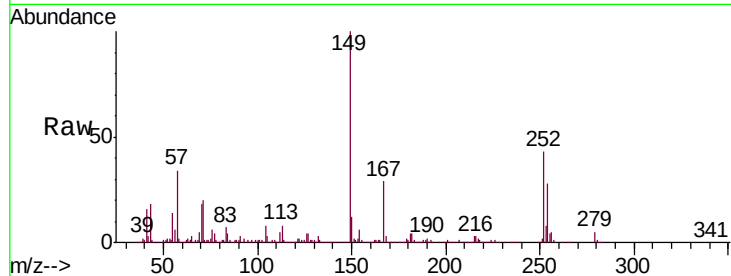




#81
 3,3'-Dichlorobenzidine
 Concen: 25.221 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

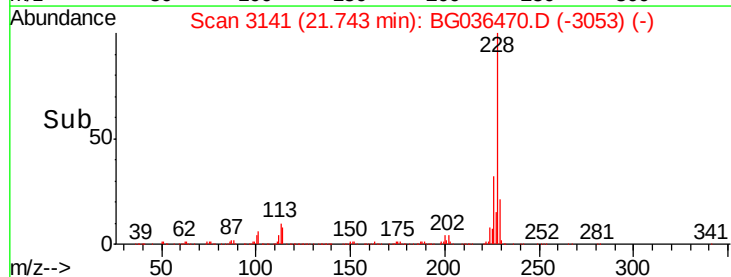
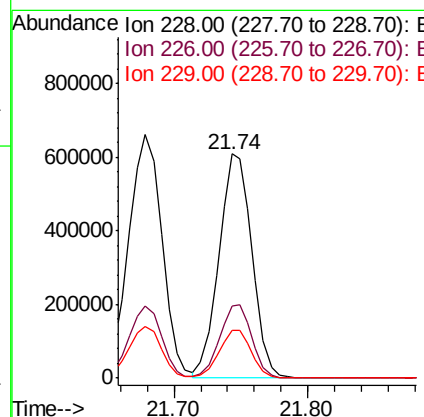
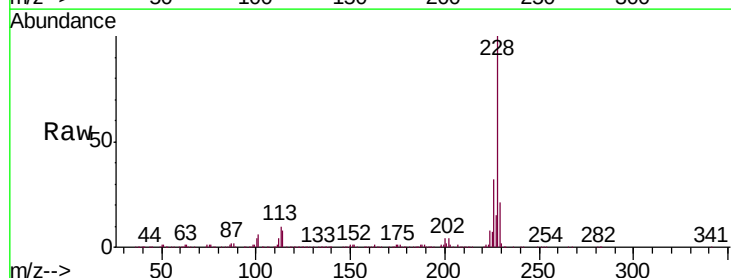
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-AMS

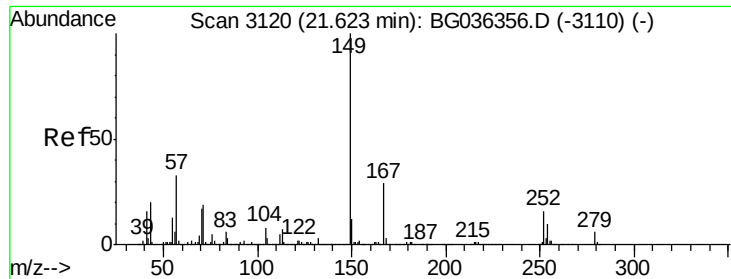
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.0	76.4
126	8.8	7.4	11.0



#82
 Chrysene
 Concen: 38.593 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG036470.D
 Acq: 28 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	21.3	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.815 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

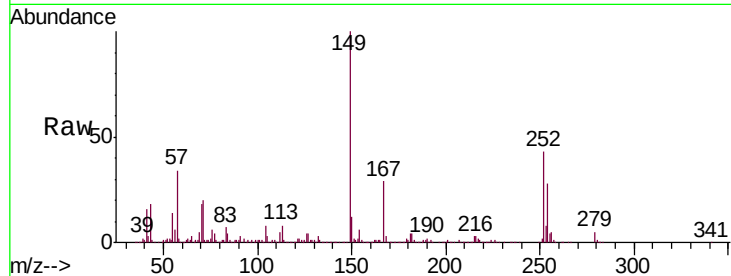
Tgt Ion:149 Resp: 615012

Ion Ratio Lower Upper

149 100

167 29.1 23.4 35.0

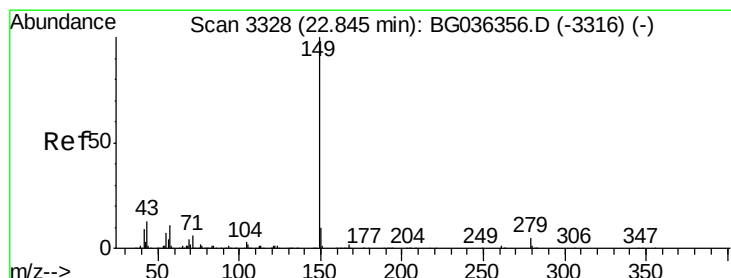
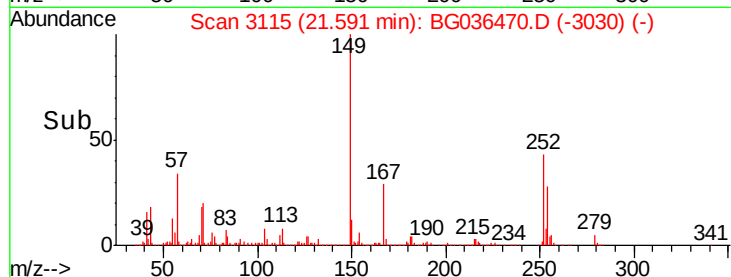
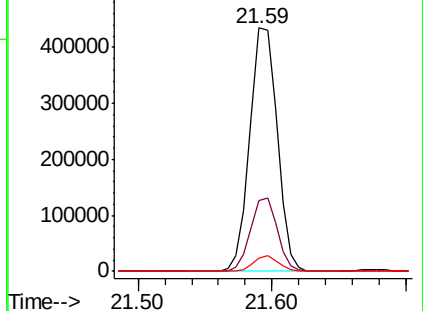
279 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.014 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.03 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

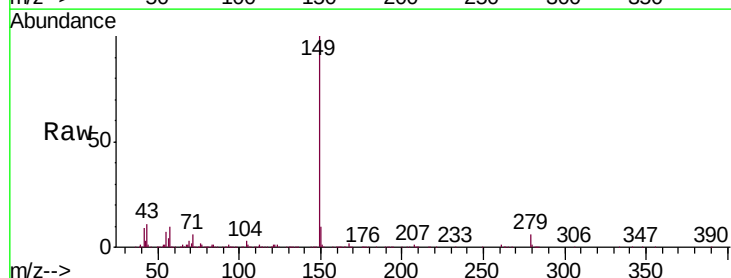
Tgt Ion:149 Resp: 1059826

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

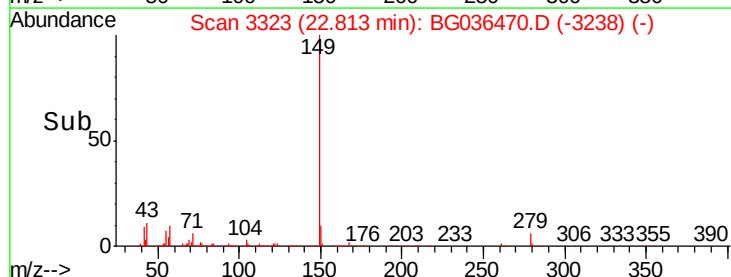
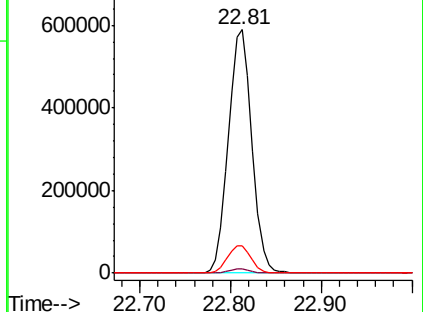
43 11.3 10.0 15.0

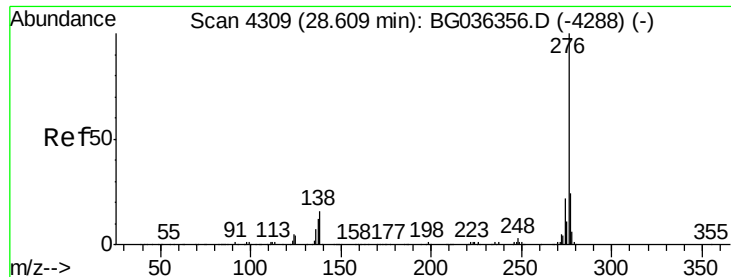


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.032 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.04 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

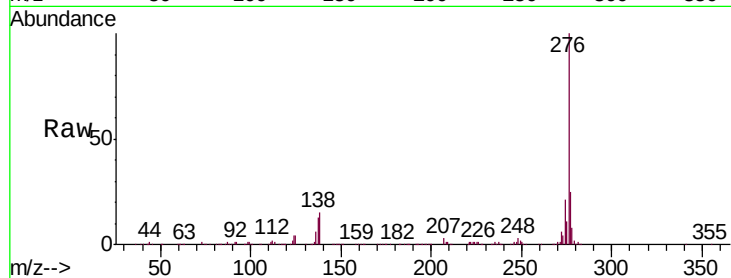
Tgt Ion:276 Resp: 1331336

Ion Ratio Lower Upper

276 100

138 11.7 10.6 15.8

277 25.8 20.6 30.8

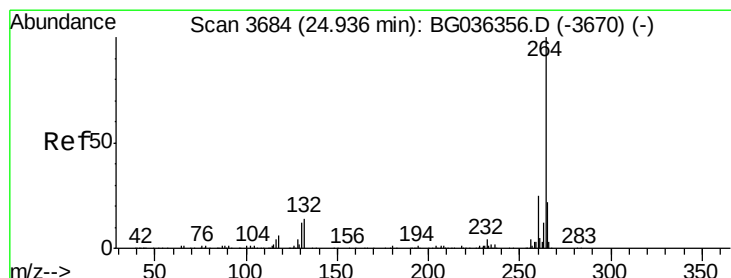
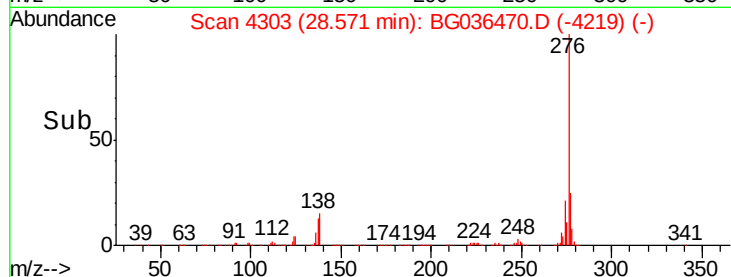
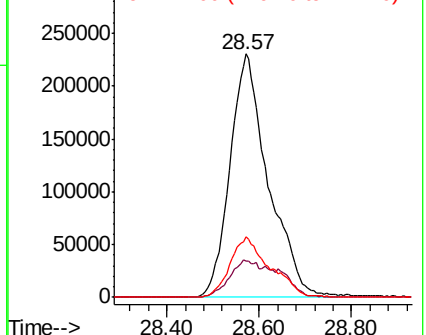


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

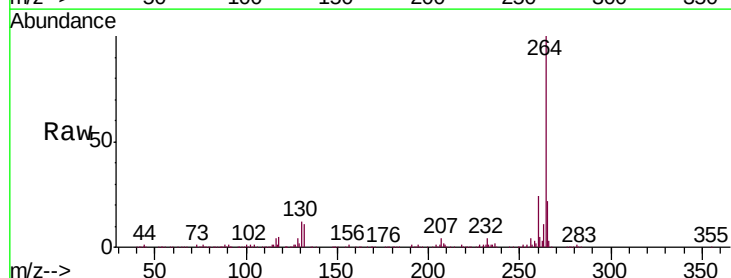
Tgt Ion:264 Resp: 502306

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.2 17.4 26.0

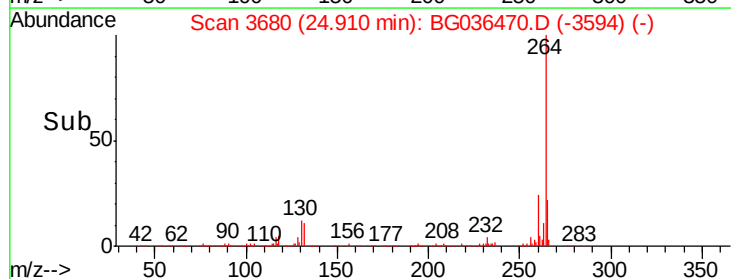
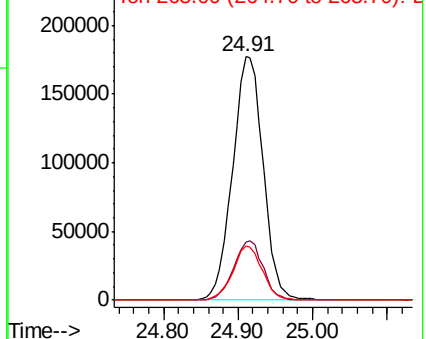


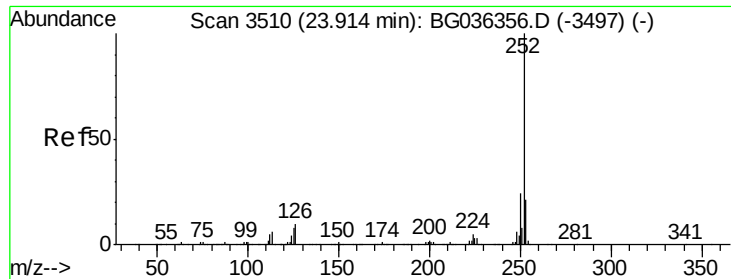
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

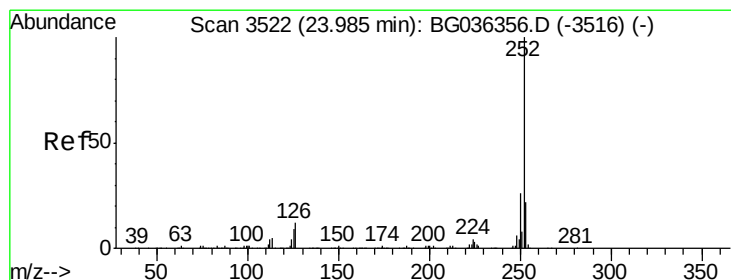
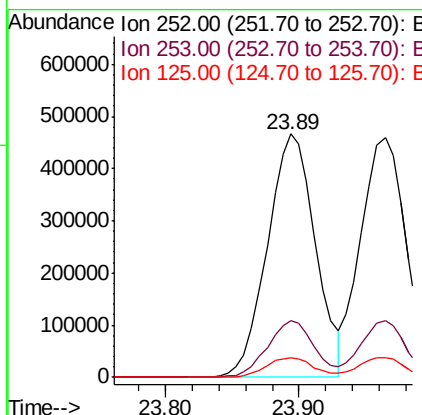
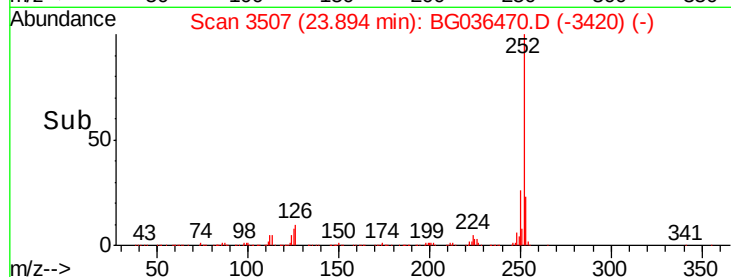
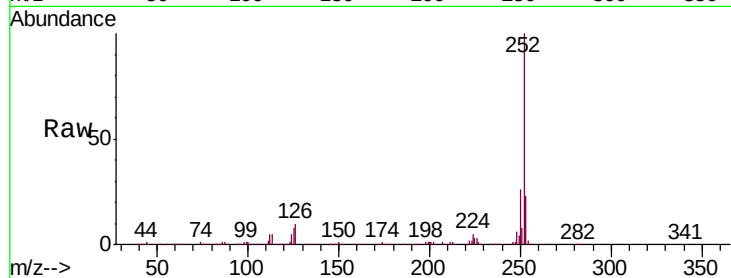




#87
Benzo(b)fluoranthene
Concen: 41.711 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

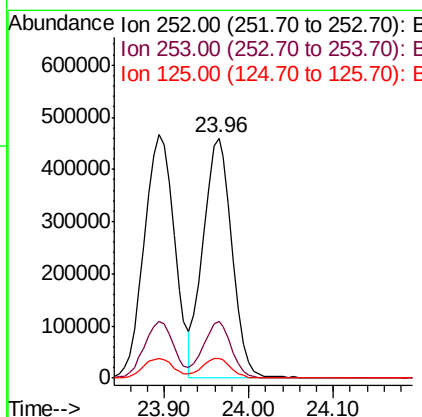
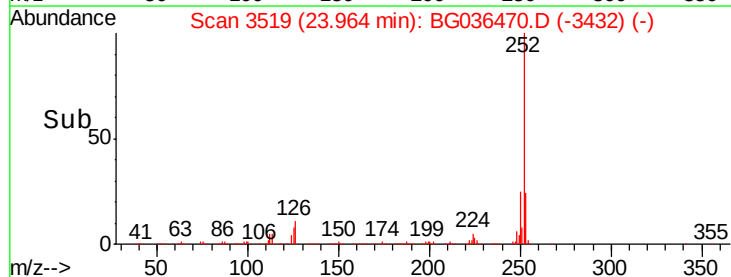
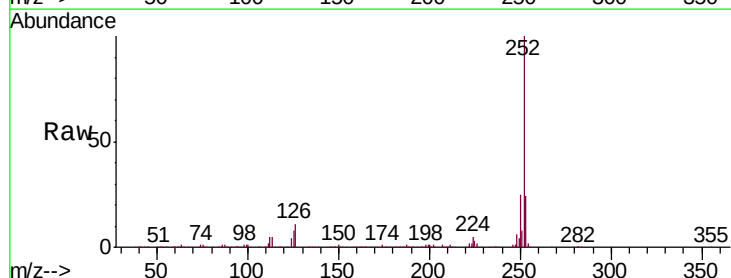
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

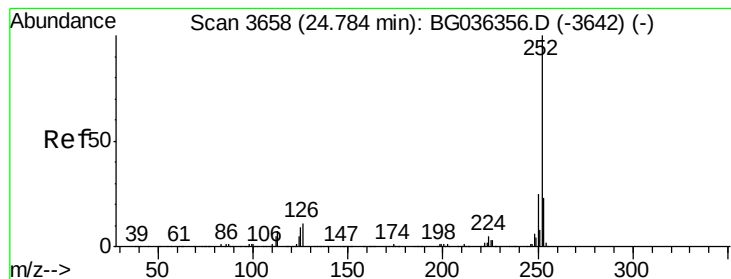
Tgt Ion:252 Resp: 1163447
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 8.0 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 40.081 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BG036470.D
Acq: 28 Aug 2018 22:53

Tgt Ion:252 Resp: 1092211
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 8.4 7.0 10.6





#89

Benzo(a)pyrene

Concen: 41.765 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.02 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

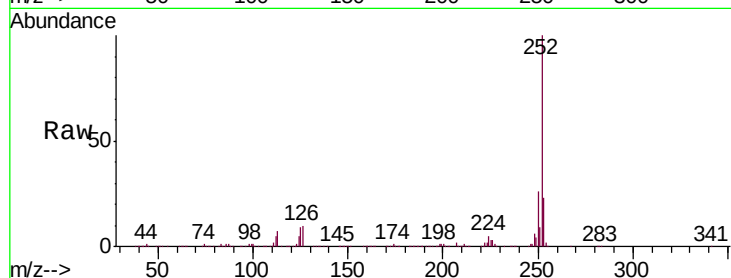
Tgt Ion:252 Resp: 1119451

Ion Ratio Lower Upper

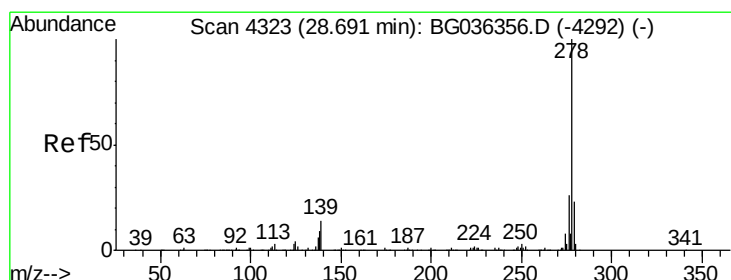
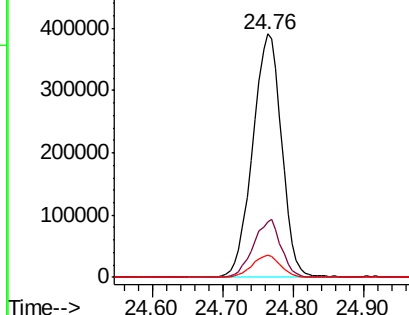
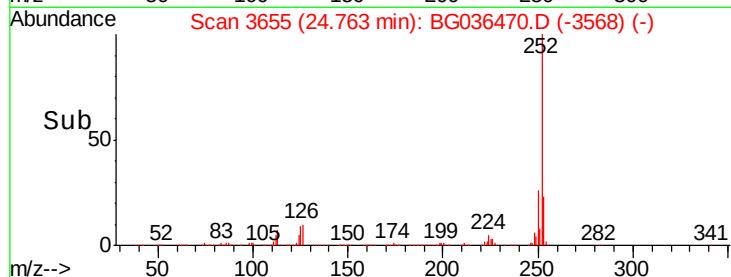
252 100

253 22.7 18.2 27.2

125 8.9 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: 41.670 ng

RT: 28.65 min Scan# 4316

Delta R.T. -0.04 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

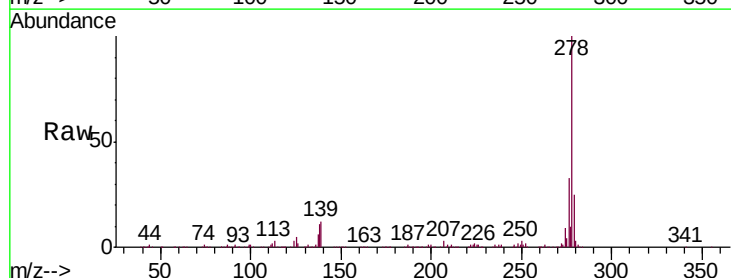
Tgt Ion:278 Resp: 1078242

Ion Ratio Lower Upper

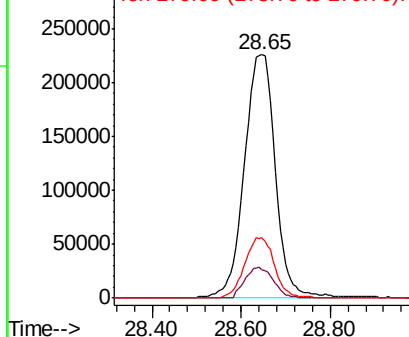
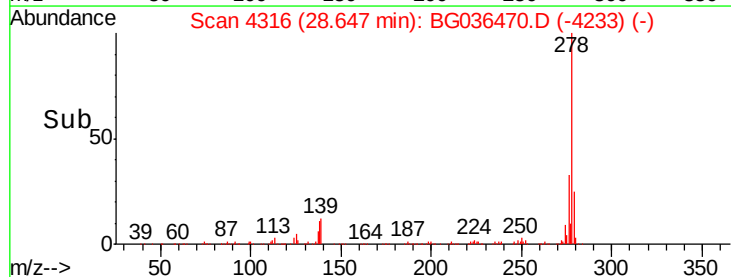
278 100

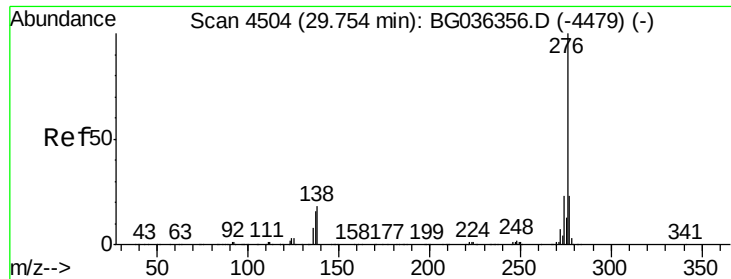
139 11.9 11.0 16.4

279 24.7 18.7 28.1



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





#91

Benzo(g,h,i)perylene

Concen: 42.545 ng

RT: 29.71 min Scan# 4497

Delta R.T. -0.04 min

Lab File: BG036470.D

Acq: 28 Aug 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-AMS

Tgt Ion: 276 Resp: 1106294

Ion Ratio Lower Upper

276 100

277 23.4 18.4 27.6

138 15.7 14.6 22.0

