

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
 Data File : BG031935.D
 Acq On : 5 Jan 2018 16:37
 Operator : SJ/JU
 Sample : J1011-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Quant Time: Jan 05 17:12:30 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51979	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	223364	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	155291	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	397411	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	442497	20.00	ng	-0.03
86) Perylene-d12	26.22	264	460533	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	353640	123.92	ng	0.00
7) Phenol-d6	7.89	99	415503	112.14	ng	0.00
23) Nitrobenzene-d5	9.98	82	283525	95.85	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	361949	152.75	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	999033	80.75	ng	-0.01
78) Terphenyl-d14	20.68	244	1816877	93.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	34618	32.724	ng	# 71
3) Pyridine	4.32	79	94501	33.419	ng	# 76
4) n-Nitrosodimethylamine	4.22	42	45630	39.989	ng	# 89
6) Aniline	8.07	93	52006	10.909	ng	91
8) 2-Chlorophenol	8.33	128	148853	44.966	ng	# 80
9) Benzaldehyde	7.88	77	31806	14.256	ng	# 77
10) Phenol	7.92	94	139091	37.182	ng	90
11) bis(2-Chloroethyl)ether	8.17	93	122041	39.283	ng	# 81
12) 1,3-Dichlorobenzene	8.67	146	160456	39.032	ng	# 93
13) 1,4-Dichlorobenzene	8.82	146	161447	38.446	ng	96
14) 1,2-Dichlorobenzene	9.15	146	156934	39.440	ng	96
15) Benzyl Alcohol	9.02	79	121064	43.525	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122580	48.451	ng	81
17) 2-Methylphenol	9.22	107	118096	44.122	ng	97
18) Hexachloroethane	9.91	117	50420	39.643	ng	# 83
19) n-Nitroso-di-n-propylamine	9.60	70	97547	38.550	ng	# 81
20) 3+4-Methylphenols	9.55	107	159270	41.868	ng	94
22) Acetophenone	9.62	105	216043	41.631	ng	# 86
24) Nitrobenzene	10.03	77	140437	46.066	ng	# 85
25) Isophorone	10.55	82	272022	42.719	ng	# 88
26) 2-Nitrophenol	10.75	139	90037	56.328	ng	# 81
27) 2,4-Dimethylphenol	10.79	122	155396	46.200	ng	93
28) bis(2-Chloroethoxy)methane	11.03	93	169916	39.768	ng	96
29) 2,4-Dichlorophenol	11.29	162	183185	46.391	ng	93
30) 1,2,4-Trichlorobenzene	11.52	180	190754	39.564	ng	99
31) Naphthalene	11.72	128	564091	50.041	ng	98
32) Benzoic acid	10.89	122	57996	28.453	ng	# 78
33) 4-Chloroaniline	11.81	127	42631	8.494	ng	# 91
34) Hexachlorobutadiene	11.99	225	129117	39.009	ng	96
35) Caprolactam	12.56	113	40890	34.163	ng	# 50
36) 4-Chloro-3-methylphenol	12.88	107	171167	46.935	ng	# 84
37) 2-Methylnaphthalene	13.28	142	391927	42.888	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	267939	40.963	ng	# 96
40) Hexachlorocyclopentadiene	13.61	237	317271	91.946	ng	94

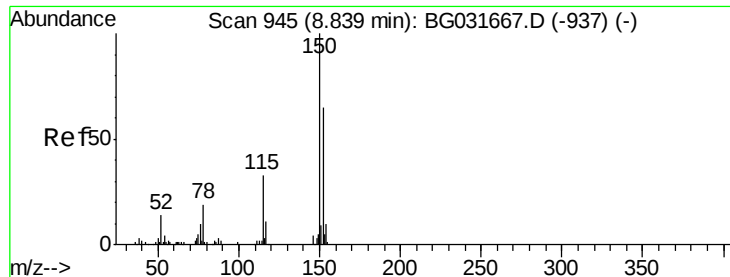
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
 Data File : BG031935.D
 Acq On : 5 Jan 2018 16:37
 Operator : SJ/JU
 Sample : J1011-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Quant Time: Jan 05 17:12:30 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	170861	45.306	ng	99
43) 2,4,5-Trichlorophenol	13.93	196	192170	45.981	ng	# 89
45) 1,1'-Biphenyl	14.25	154	558668	42.121	ng	94
46) 2-Chloronaphthalene	14.31	162	418516	41.369	ng	97
47) 2-Nitroaniline	14.49	65	94715	54.208	ng	# 67
48) Acenaphthylene	15.15	152	646349	39.935	ng	98
49) Dimethylphthalate	14.85	163	570310	41.688	ng	# 99
50) 2,6-Dinitrotoluene	14.97	165	128200	50.940	ng	# 67
51) Acenaphthene	15.48	154	458350	43.241	ng	96
52) 3-Nitroaniline	15.30	138	46390	18.893	ng	# 69
53) 2,4-Dinitrophenol	15.50	184	86142	80.516	ng	# 73
54) Dibenzofuran	15.81	168	697204	42.908	ng	100
55) 4-Nitrophenol	15.58	139	179681	89.911	ng	# 72
56) 2,4-Dinitrotoluene	15.75	165	182636	56.437	ng	# 64
57) Fluorene	16.45	166	559362	42.376	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	204514	50.156	ng	# 85
59) Diethylphthalate	16.19	149	557494	41.810	ng	95
60) 4-Chlorophenyl-phenylether	16.43	204	332998	41.230	ng	92
61) 4-Nitroaniline	16.46	138	97229	40.579	ng	80
62) Azobenzene	16.72	77	366428	42.851	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	77538	41.472	ng	# 67
65) n-Nitrosodiphenylamine	16.64	169	516884	39.161	ng	99
66) 4-Bromophenyl-phenylether	17.32	248	244611	42.565	ng	95
67) Hexachlorobenzene	17.45	284	247928	42.202	ng	# 91
68) Atrazine	17.57	200	231184	45.045	ng	97
69) Pentachlorophenol	17.79	266	314170	77.750	ng	98
70) Phenanthrene	18.19	178	948161	42.158	ng	98
71) Anthracene	18.28	178	967992	42.667	ng	99
72) Carbazole	18.54	167	847571	42.209	ng	100
73) Di-n-butylphthalate	19.05	149	932749	41.798	ng	99
74) Fluoranthene	20.15	202	1181804	42.825	ng	96
76) Benzidine	20.31	184	118109	8.648	ng	98
77) Pyrene	20.51	202	1197424	42.364	ng	97
79) Butylbenzylphthalate	21.38	149	413063	43.533	ng	# 74
80) Benzo(a)anthracene	22.47	228	1188986	42.241	ng	100
81) 3,3'-Dichlorobenzidine	22.36	252	153740	14.087	ng	# 97
82) Chrysene	22.54	228	1114273	41.839	ng	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	561761	40.865	ng	# 98
84) Di-n-octyl phthalate	23.71	149	939782	40.592	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.57	276	1431302	41.891	ng	# 89
87) Benzo(b)fluoranthene	25.03	252	1216054	42.539	ng	# 97
88) Benzo(k)fluoranthene	25.11	252	1202929	42.047	ng	# 97
89) Benzo(a)pyrene	26.05	252	1178539	43.046	ng	# 98
90) Dibenzo(a,h)anthracene	30.64	278	1187354	41.991	ng	# 96
91) Benzo(g,h,i)perylene	30.57	276	1431302	42.873	ng	# 93

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

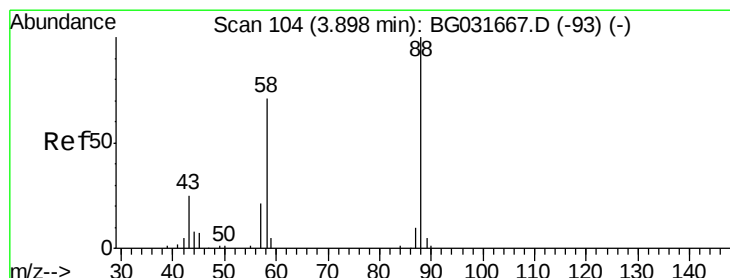
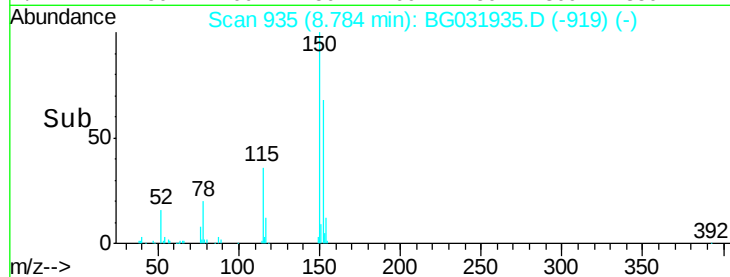
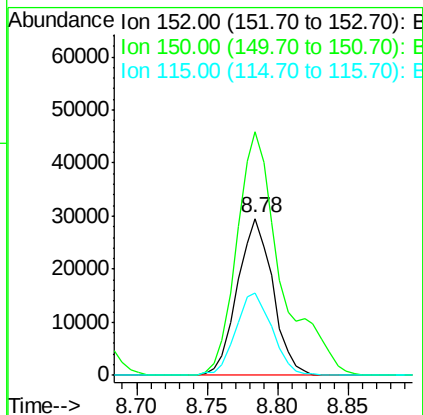
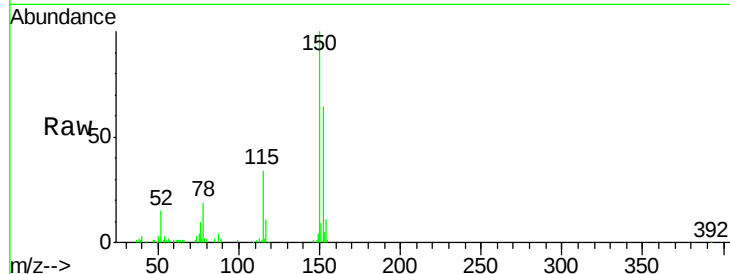


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

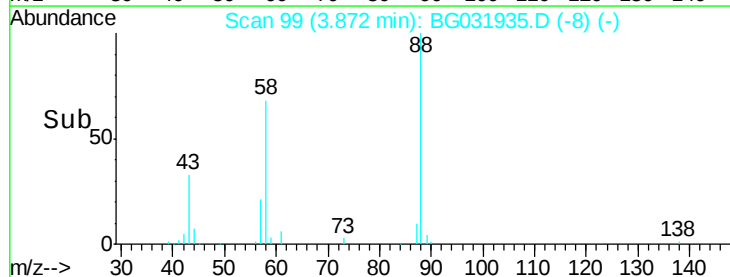
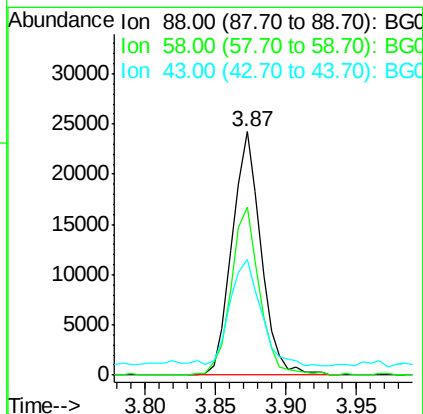
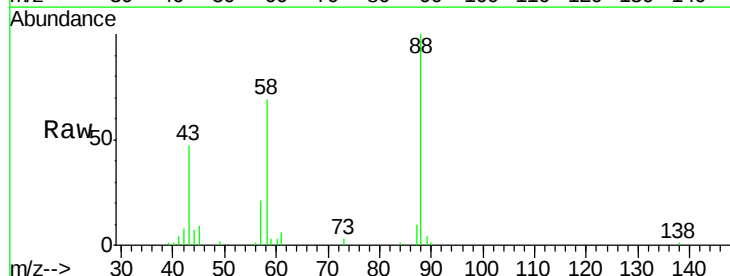
Tgt Ion:152 Resp: 51979
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.6 189.8
 115 52.9 53.0 79.4#

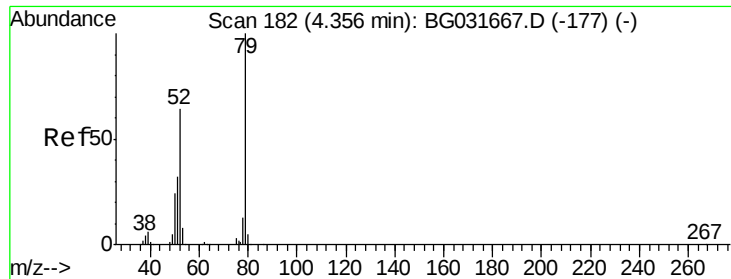


#2

1,4-Dioxane
 Concen: 32.724 ng
 RT: 3.87 min Scan# 99
 Delta R.T. 0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion: 88 Resp: 34618
 Ion Ratio Lower Upper
 88 100
 58 68.2 79.6 119.4#
 43 46.5 27.4 41.0#





#3

Pyridine

Concen: 33.419 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

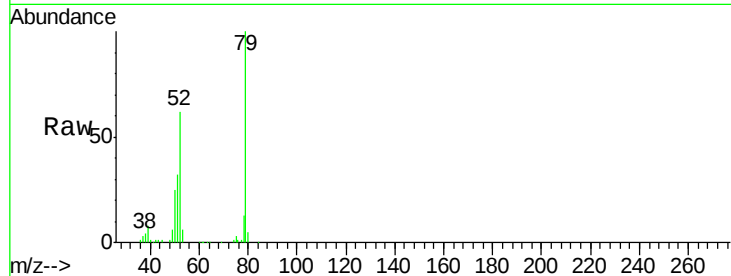
Tgt Ion: 79 Resp: 94501

Ion Ratio Lower Upper

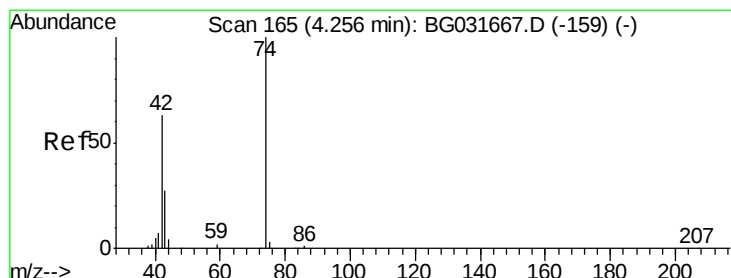
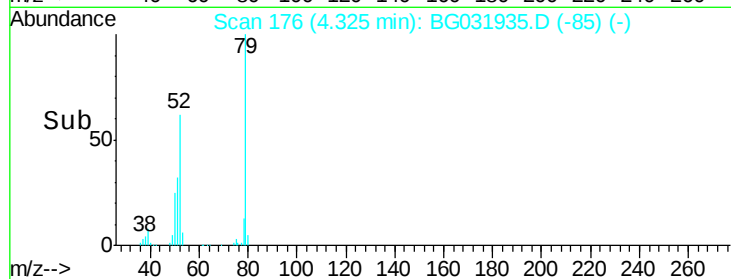
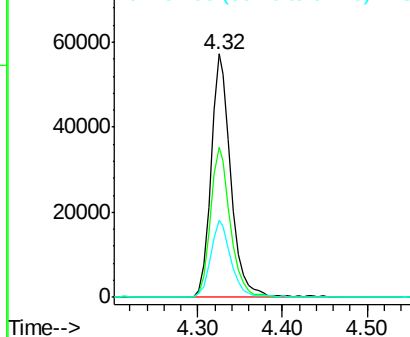
79 100

52 61.8 69.9 104.9#

51 31.6 34.0 51.0#



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: 39.989 ng

RT: 4.22 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

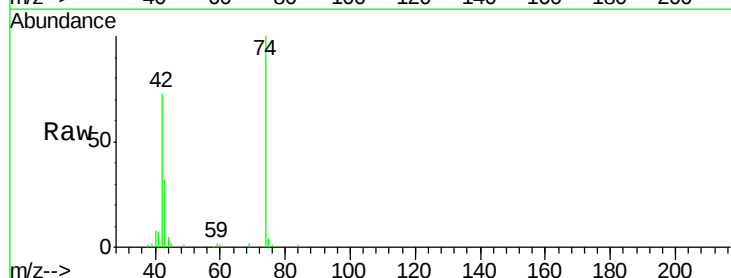
Tgt Ion: 42 Resp: 45630

Ion Ratio Lower Upper

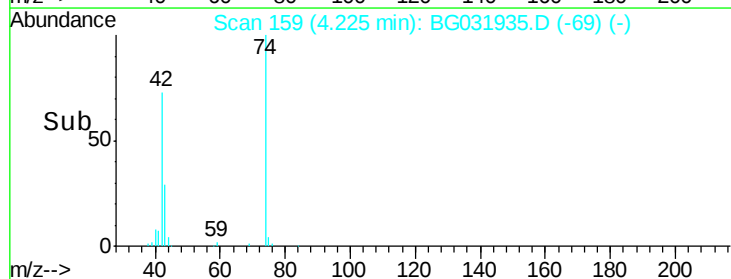
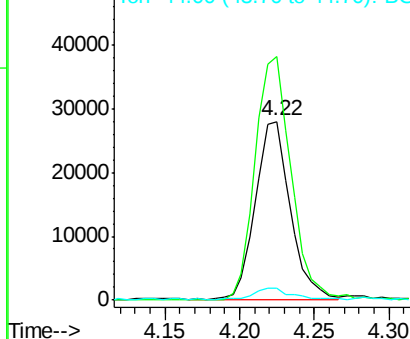
42 100

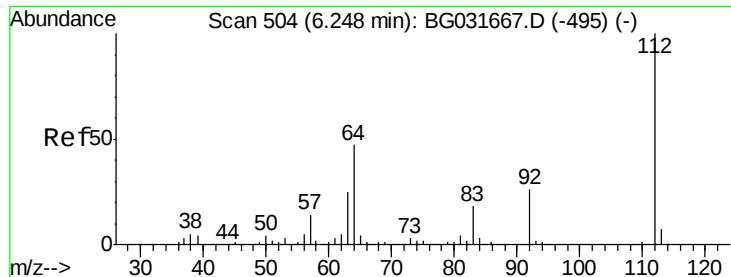
74 136.3 102.5 153.7

44 6.8 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.918 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

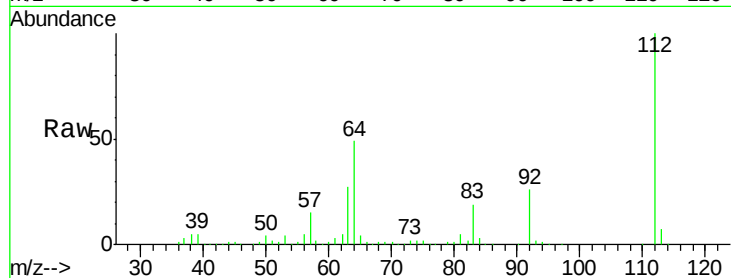
Tgt Ion: 112 Resp: 353640

Ion Ratio Lower Upper

112 100

64 48.5 56.3 84.5#

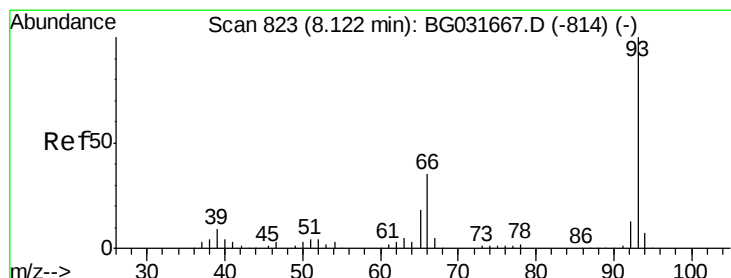
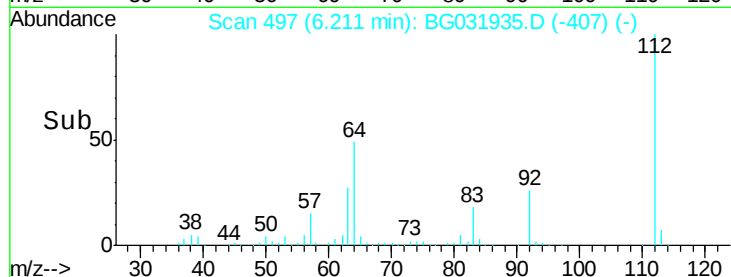
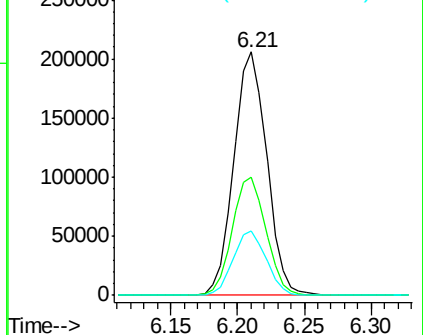
63 26.7 30.1 45.1#



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: 10.909 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

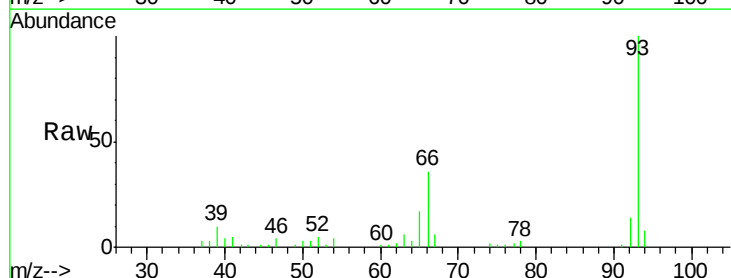
Tgt Ion: 93 Resp: 52006

Ion Ratio Lower Upper

93 100

66 35.8 33.7 50.5

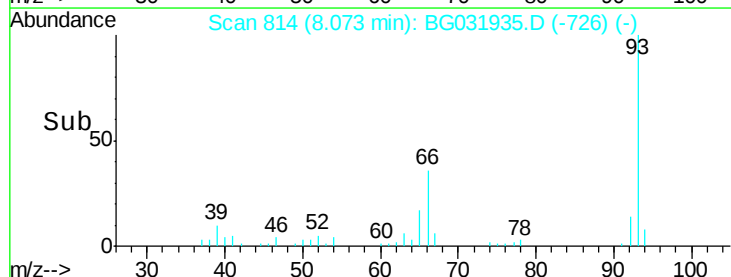
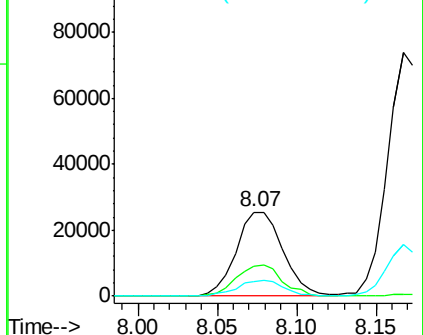
65 17.2 16.1 24.1

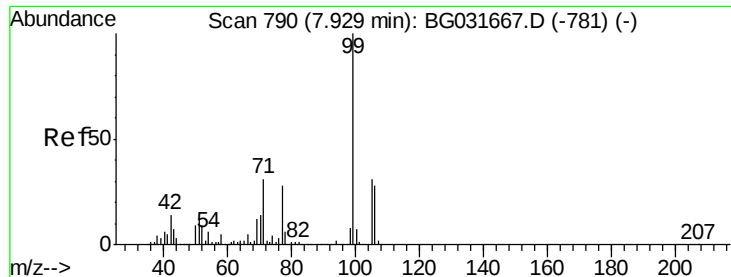


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.141 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

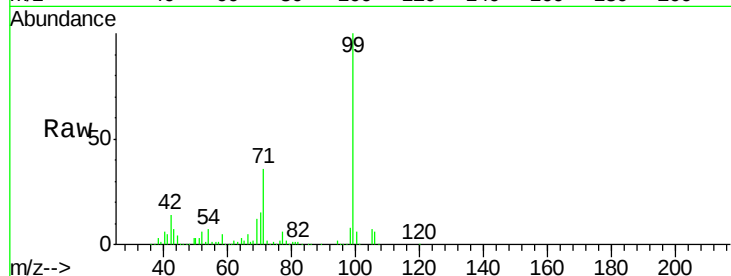
Tgt Ion: 99 Resp: 415503

Ion Ratio Lower Upper

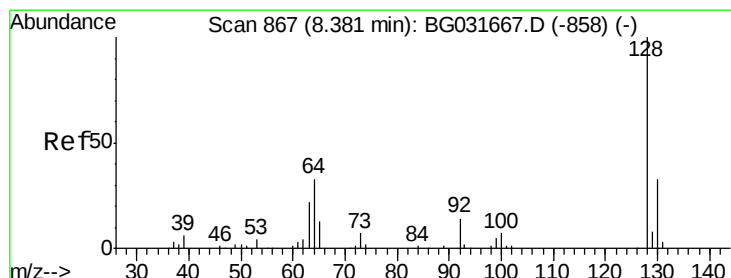
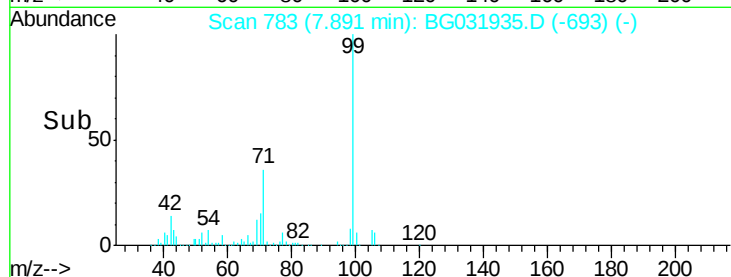
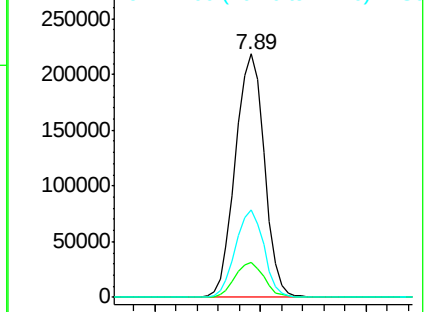
99 100

42 14.4 14.1 21.1

71 35.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.966 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

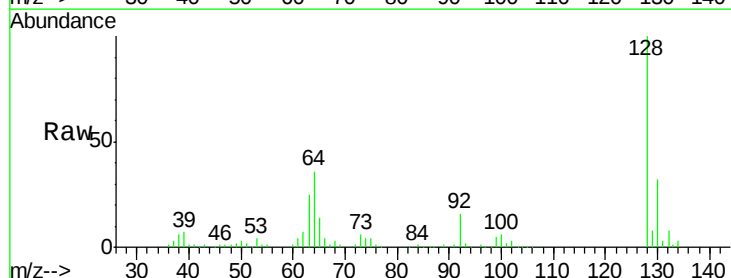
Tgt Ion: 128 Resp: 148853

Ion Ratio Lower Upper

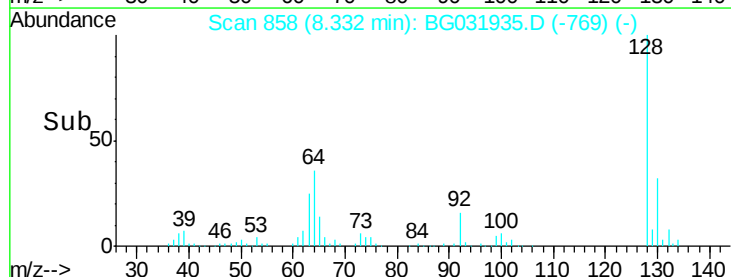
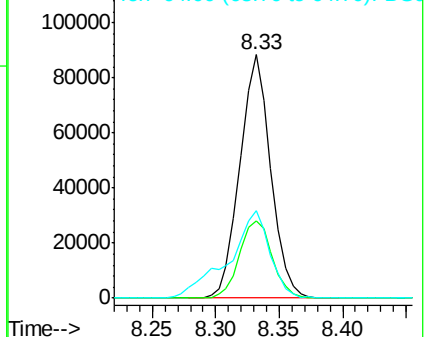
128 100

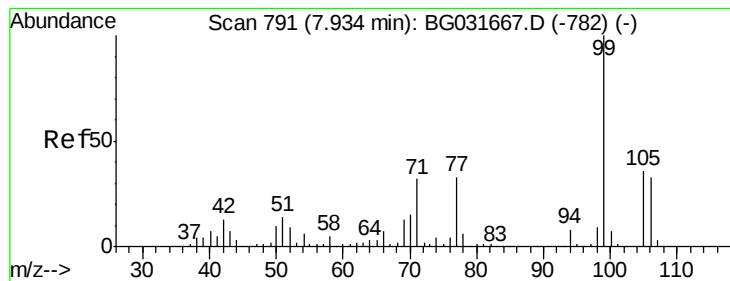
130 31.6 14.0 54.0

64 36.0 37.7 77.7#



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





#9

Benzaldehyde

Concen: 14.256 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

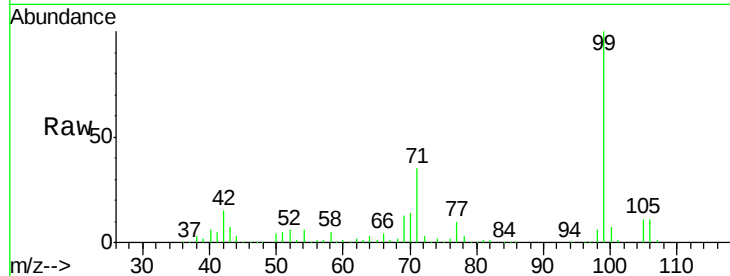
Tgt Ion: 77 Resp: 31806

Ion Ratio Lower Upper

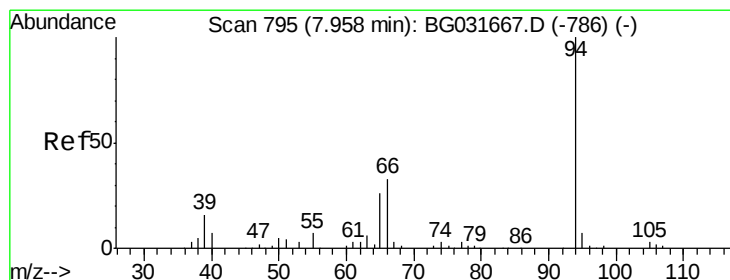
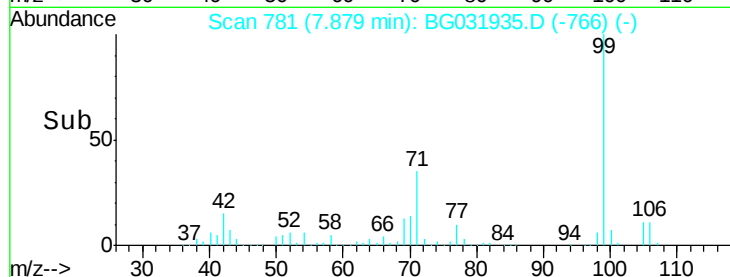
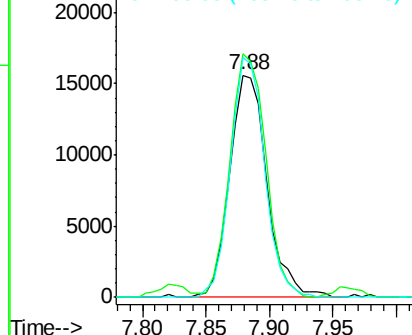
77 100

105 109.8 71.3 111.3

106 108.2 64.2 104.2#



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: 37.182 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

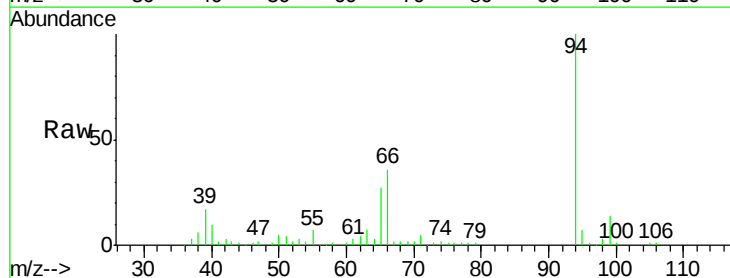
Tgt Ion: 94 Resp: 139091

Ion Ratio Lower Upper

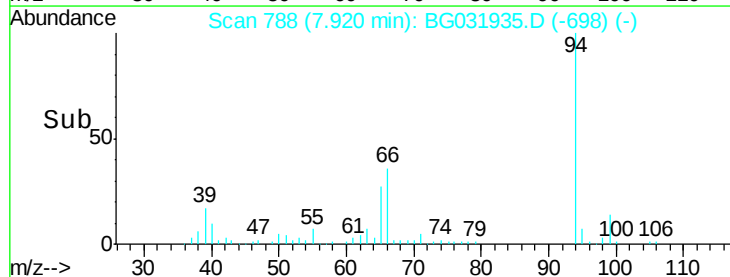
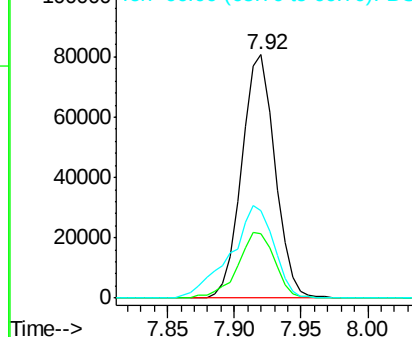
94 100

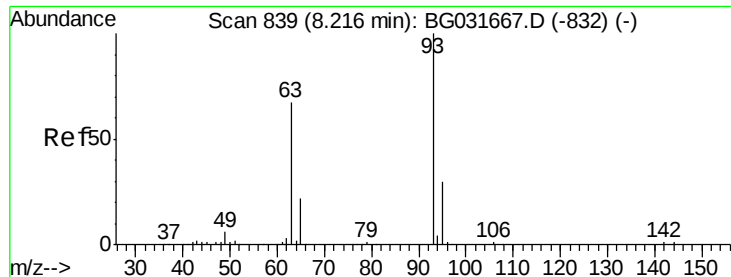
65 26.5 11.9 51.9

66 35.9 22.2 62.2



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

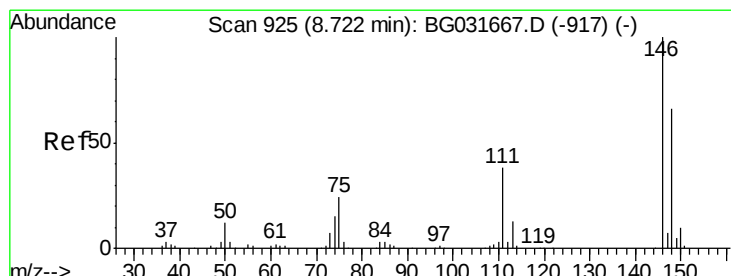
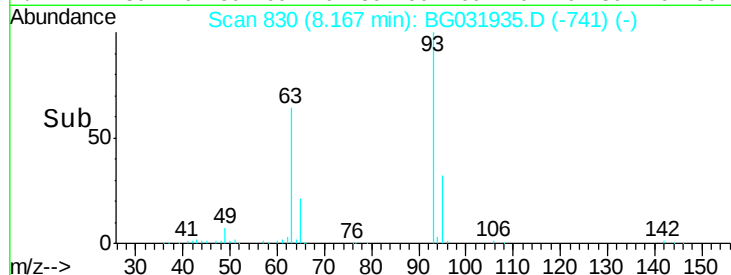
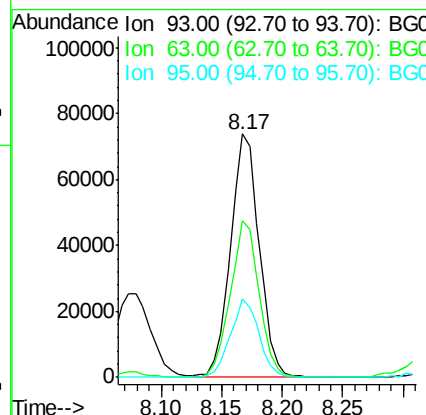
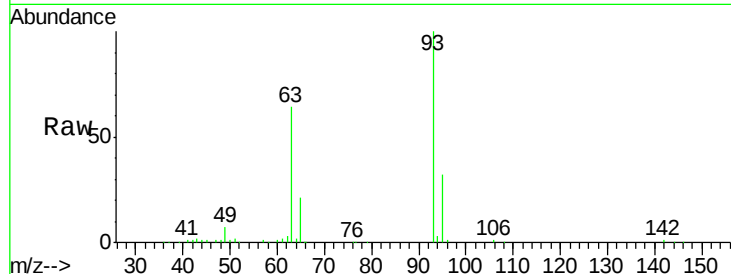




#11
bis(2-Chloroethyl)ether
Concen: 39.283 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

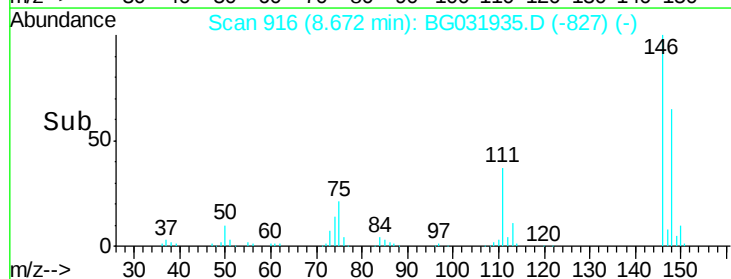
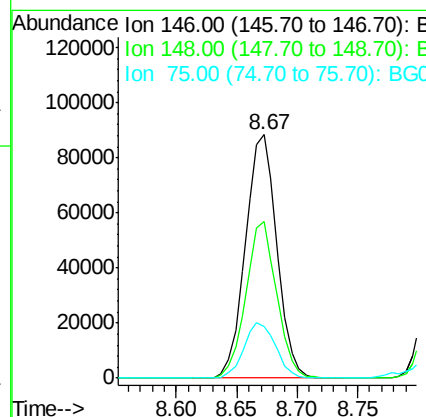
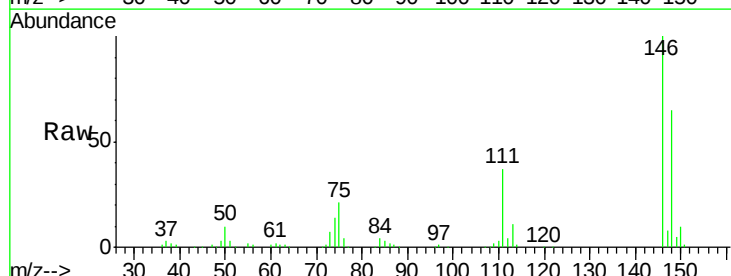
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

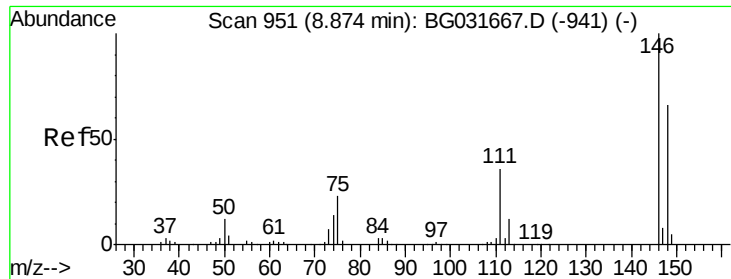
Tgt Ion: 93 Resp: 122041
Ion Ratio Lower Upper
93 100
63 64.1 67.1 107.1#
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.032 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion: 146 Resp: 160456
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 21.2 26.6 39.8#

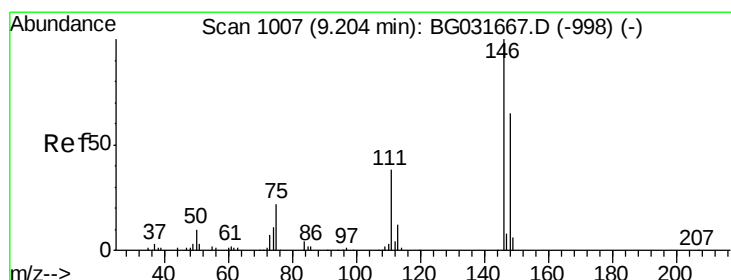
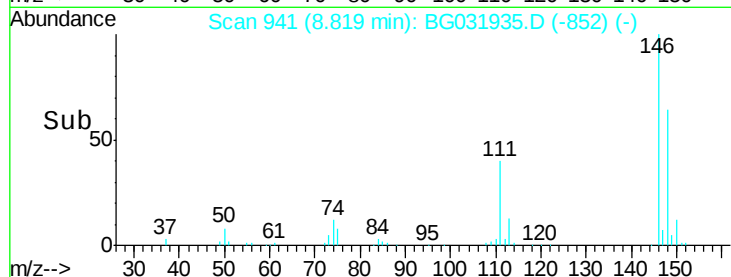
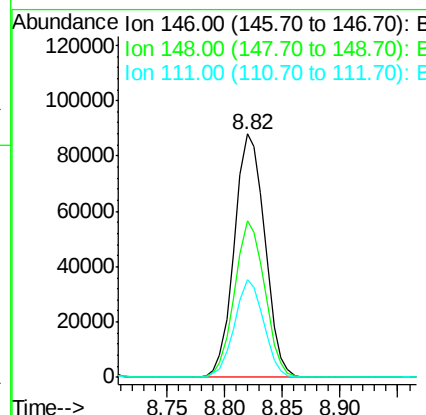
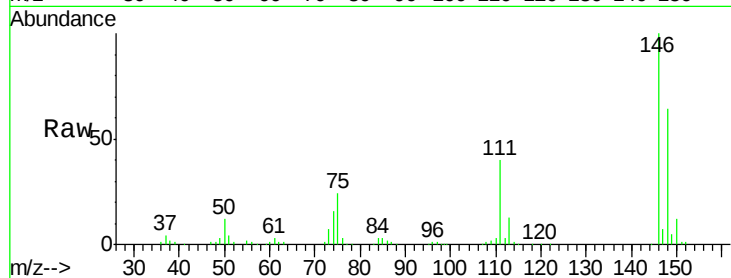




#13
 1,4-Dichlorobenzene
 Concen: 38.446 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

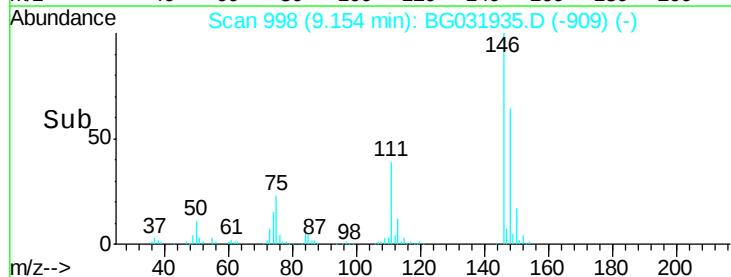
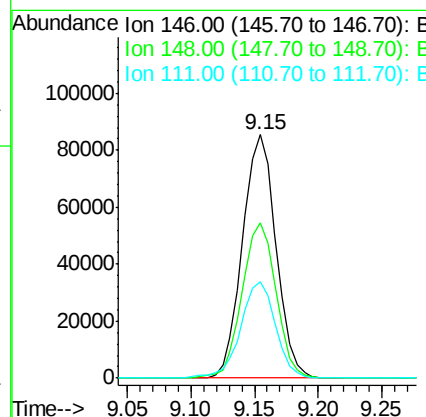
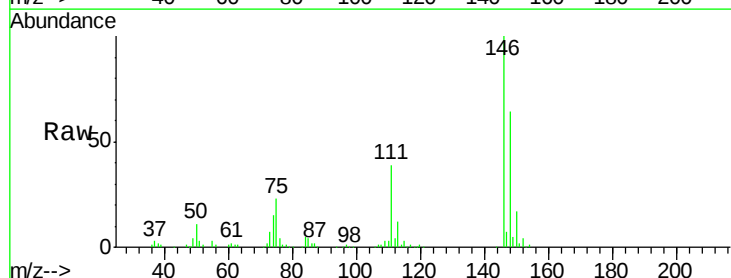
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

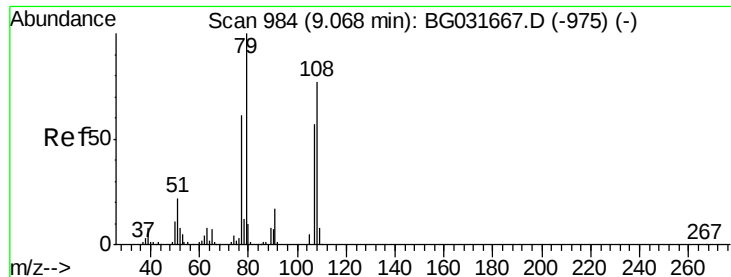
Tgt Ion:146 Resp: 161447
 Ion Ratio Lower Upper
 146 100
 148 64.4 53.7 80.5
 111 40.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.440 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:146 Resp: 156934
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.3 73.9
 111 39.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.525 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

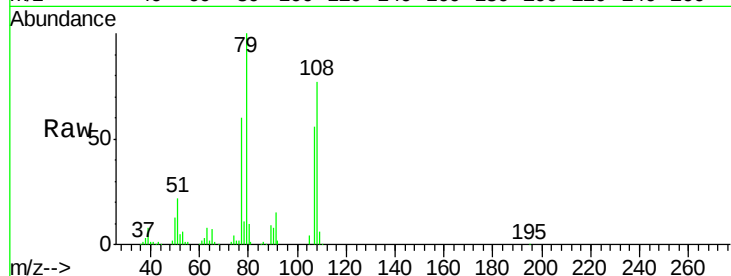
Tgt Ion: 79 Resp: 121064

Ion Ratio Lower Upper

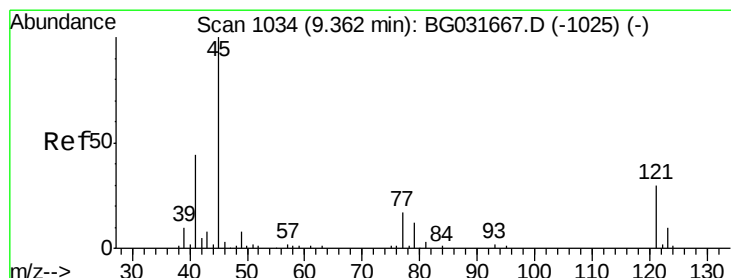
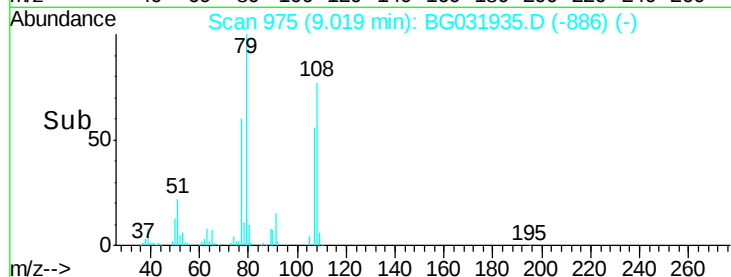
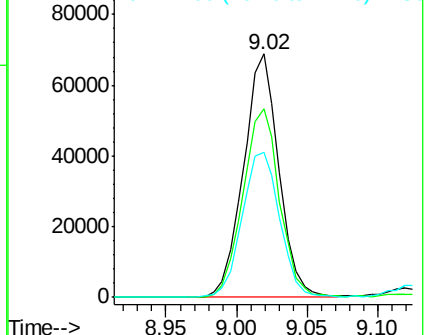
79 100

108 77.4 57.2 85.8

77 59.8 46.1 69.1



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: 48.451 ng

RT: 9.32 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

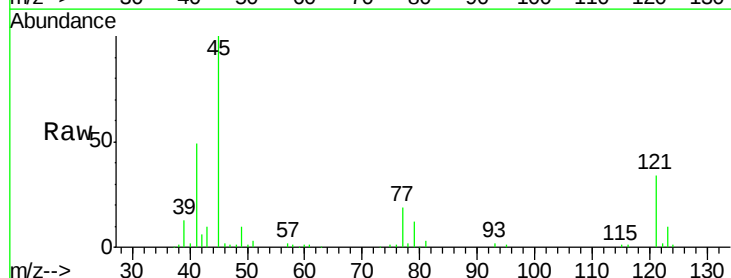
Tgt Ion: 45 Resp: 122580

Ion Ratio Lower Upper

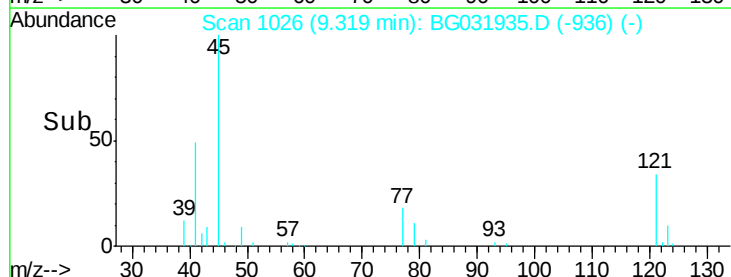
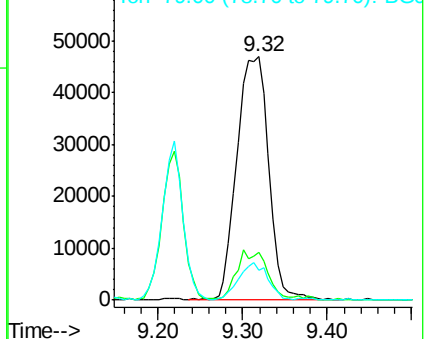
45 100

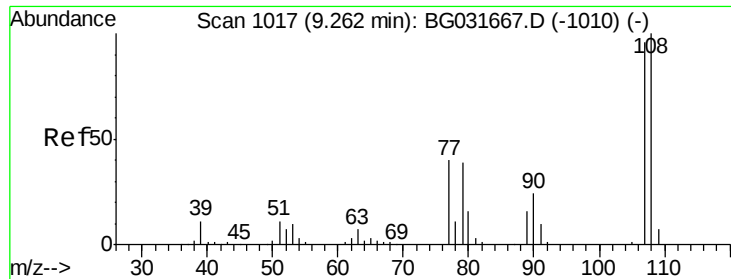
77 19.5 0.0 30.2

79 12.2 0.0 27.9



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

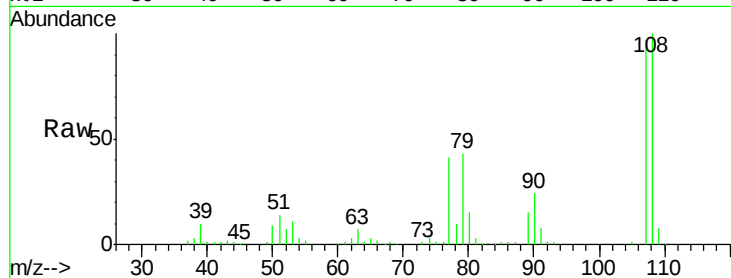




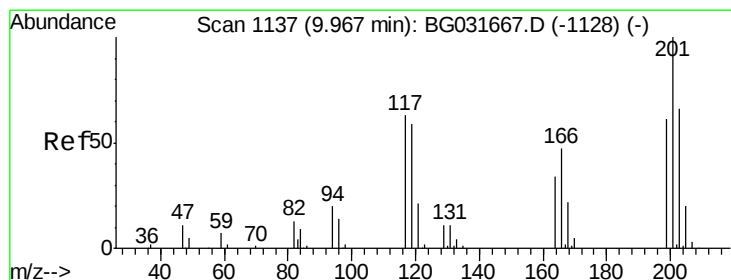
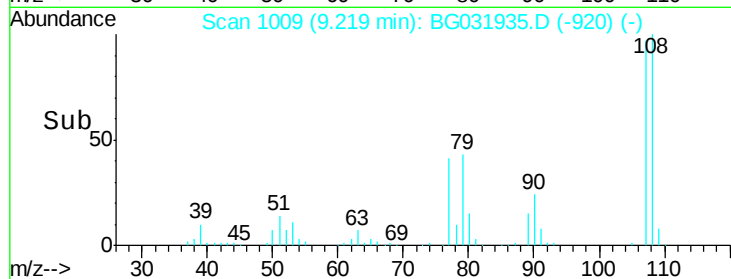
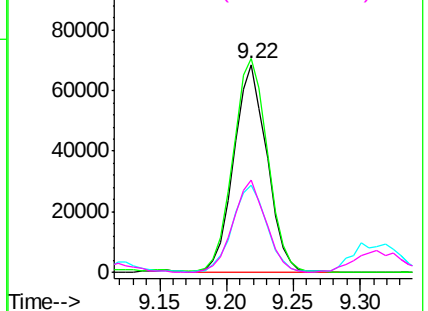
#17
2-Methylphenol
Concen: 44.122 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

Tgt Ion:107 Resp: 118096
Ion Ratio Lower Upper
107 100
108 102.9 83.9 125.9
77 41.9 37.2 55.8
79 44.7 36.2 54.2

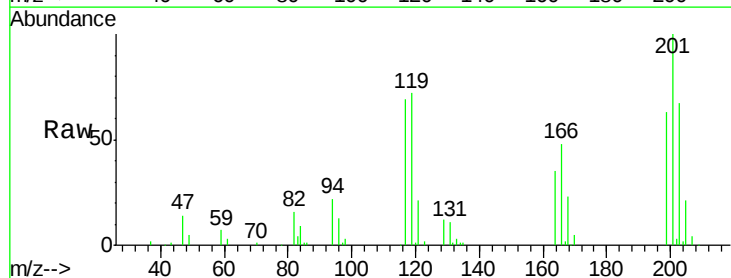


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

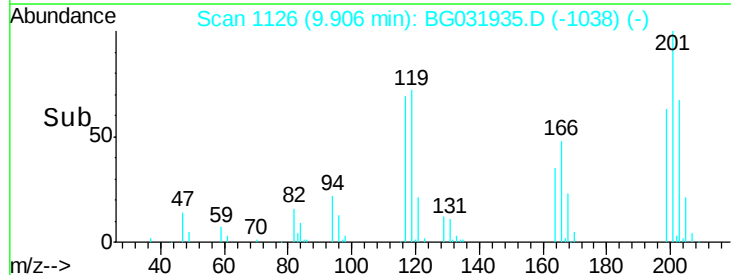
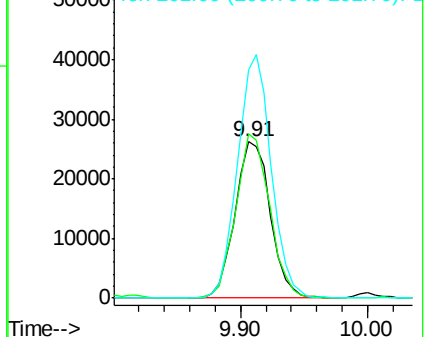


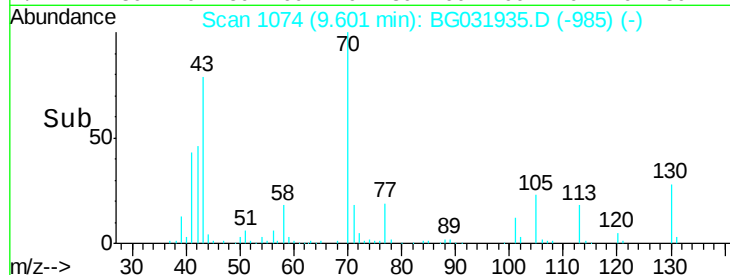
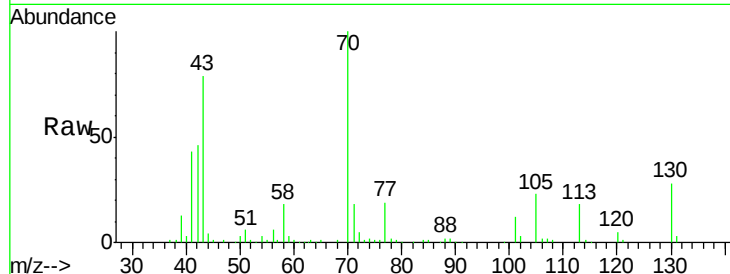
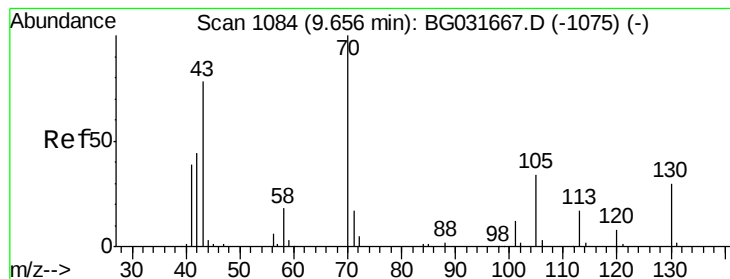
#18
Hexachloroethane
Concen: 39.643 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:117 Resp: 50420
Ion Ratio Lower Upper
117 100
119 104.6 76.7 115.1
201 145.6 95.7 143.5#



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: 38.550 ng

RT: 9.60 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

Tgt Ion: 70 Resp: 97547

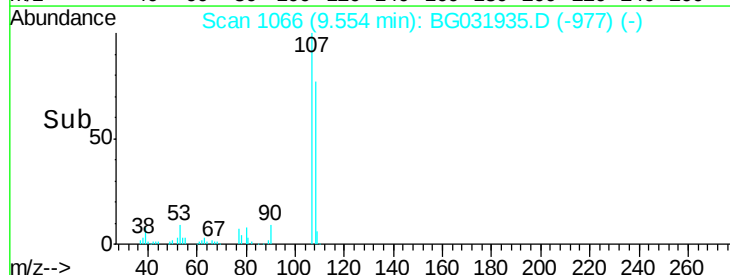
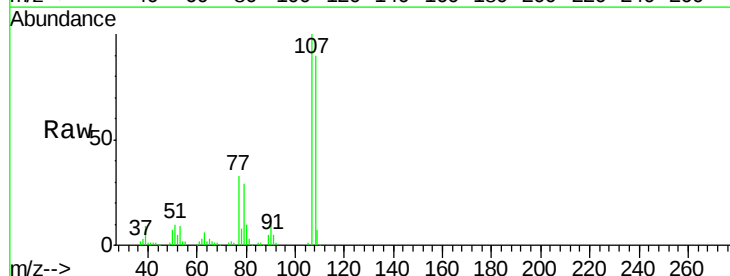
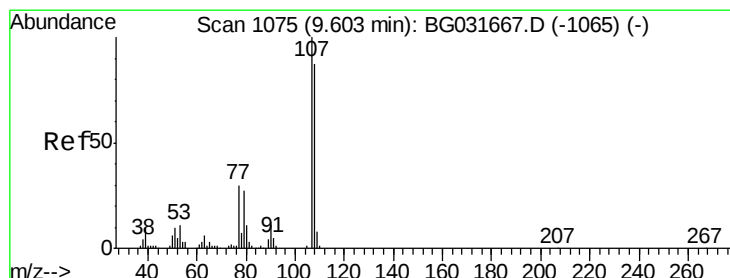
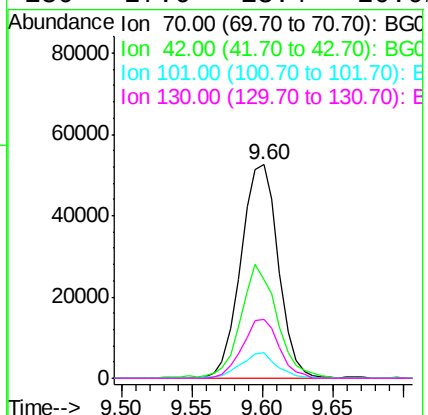
Ion Ratio Lower Upper

70 100

42 46.4 49.1 73.7#

101 12.3 8.5 12.7

130 27.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 41.868 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion: 107 Resp: 159270

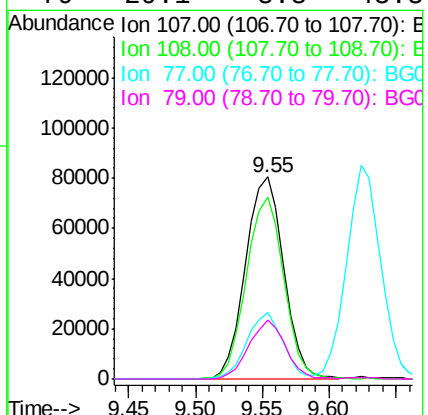
Ion Ratio Lower Upper

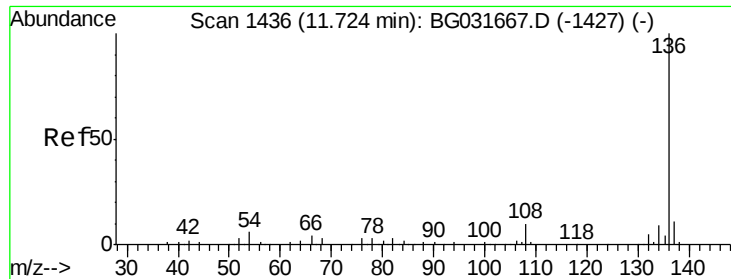
107 100

108 90.0 61.6 101.6

77 33.1 13.9 53.9

79 29.1 8.8 48.8

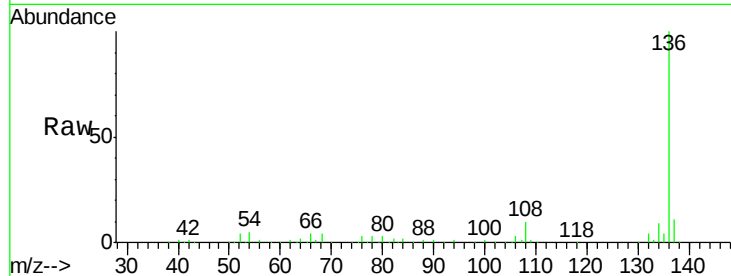




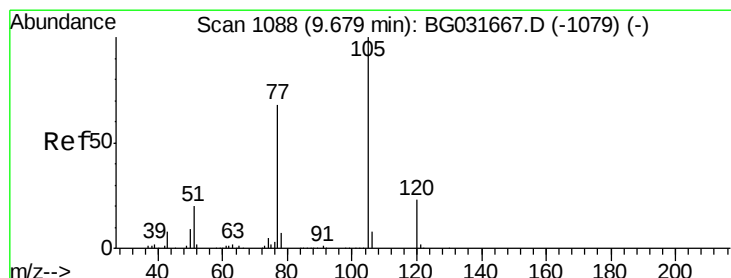
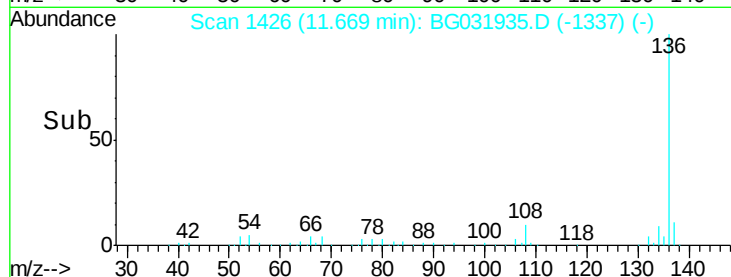
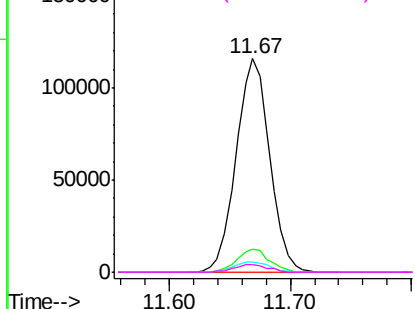
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

Tgt Ion:	136	Resp:	223364
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.0	10.3	15.5#
68	3.8	4.5	6.7#

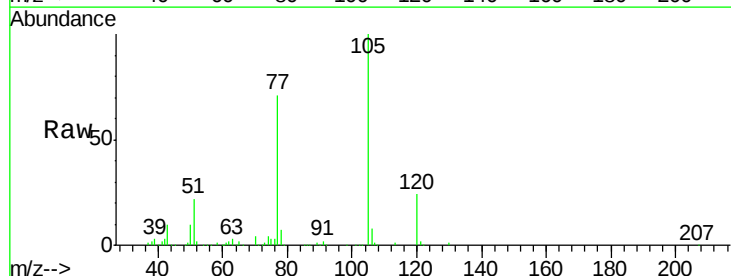


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

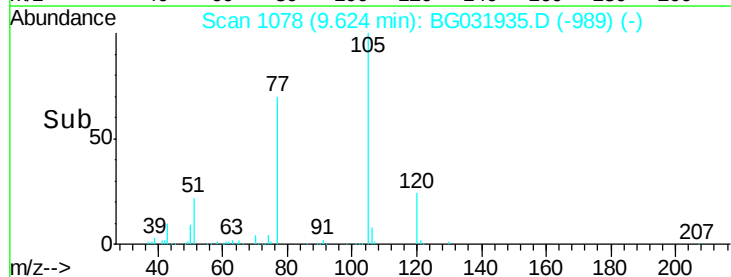
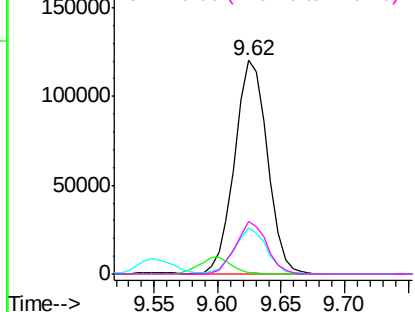


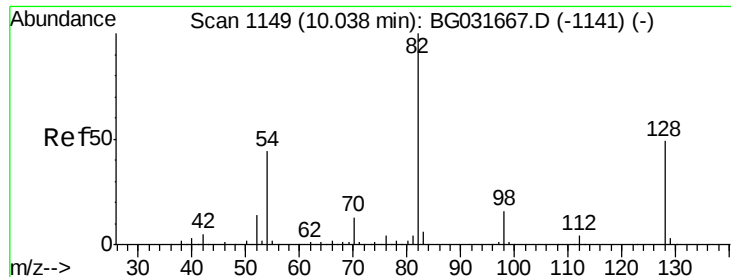
#22
Acetophenone
Concen: 41.631 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:	105	Resp:	216043
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	21.7	26.1	39.1#
120	24.5	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

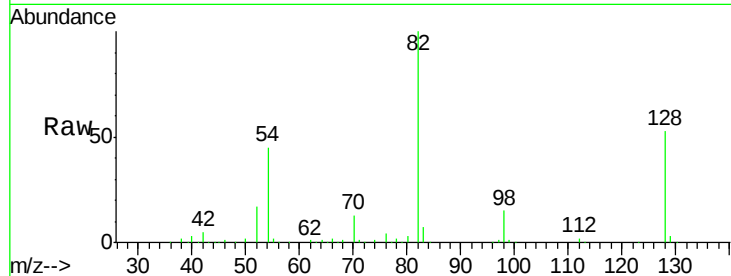




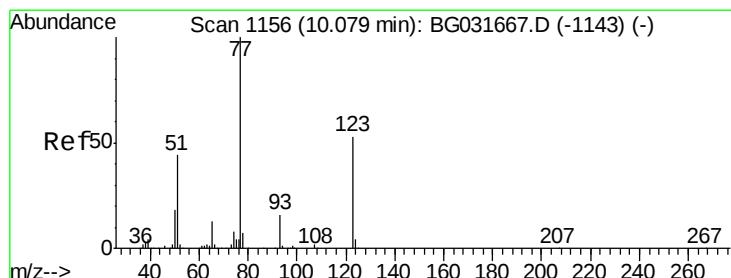
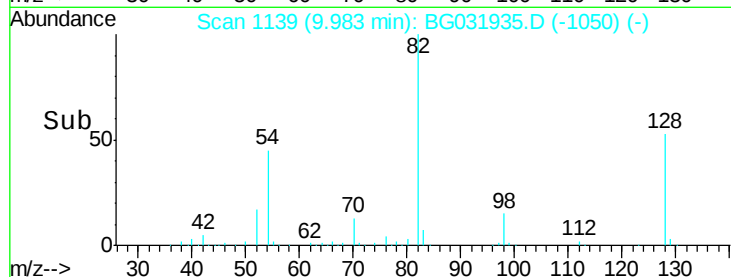
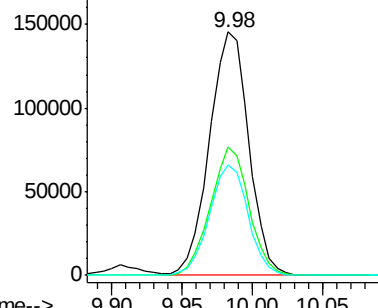
#23
Nitrobenzene-d5
Concen: 95.851 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

Tgt Ion: 82 Resp: 283525
Ion Ratio Lower Upper
82 100
128 52.9 29.7 44.5#
54 45.3 43.1 64.7

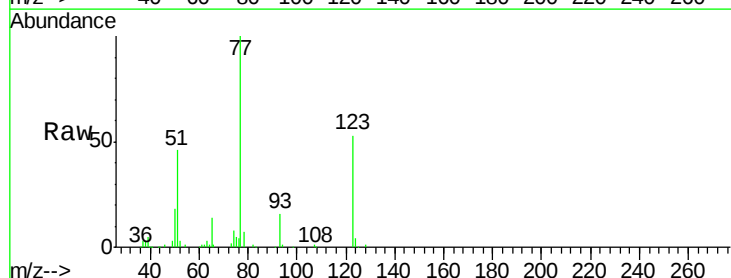


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

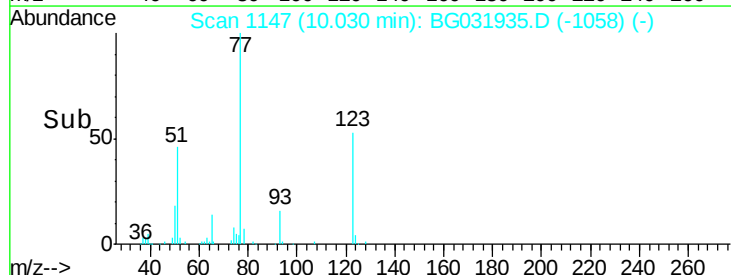
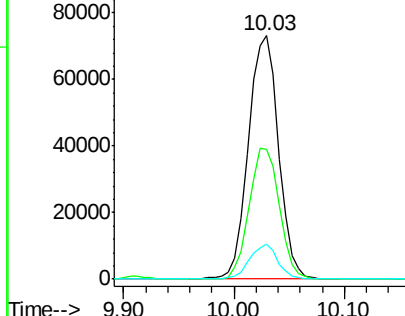


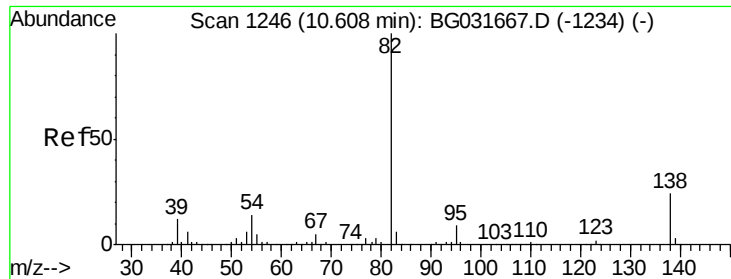
#24
Nitrobenzene
Concen: 46.066 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion: 77 Resp: 140437
Ion Ratio Lower Upper
77 100
123 53.2 33.0 49.6#
65 14.3 13.0 19.6



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





#25

Isophorone

Concen: 42.719 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

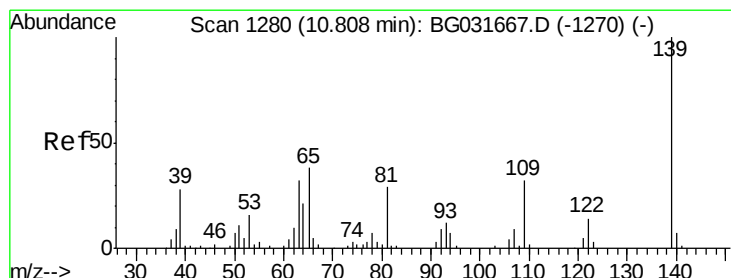
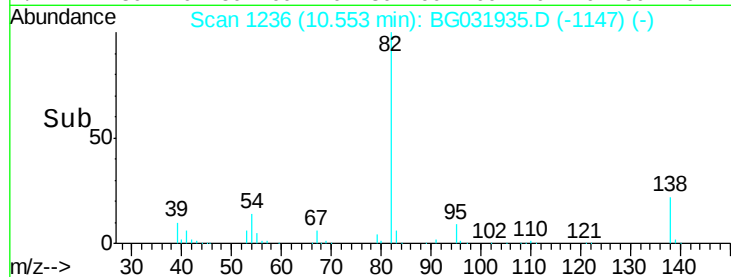
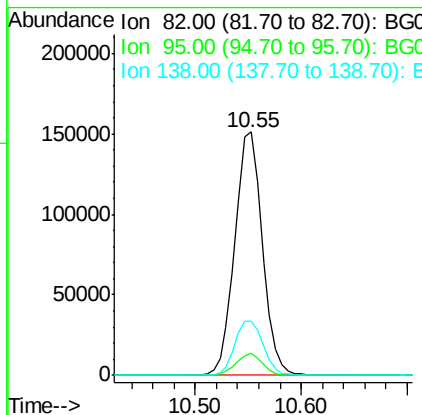
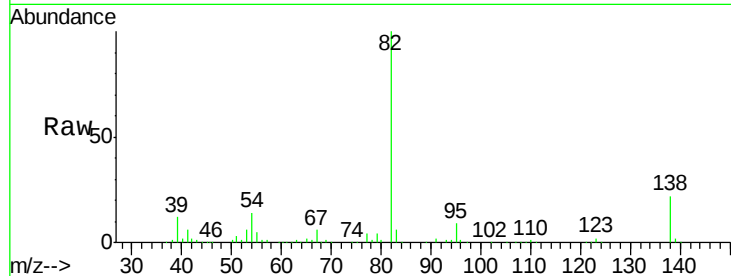
Tgt Ion: 82 Resp: 272022

Ion Ratio Lower Upper

82 100

95 9.0 6.2 9.2

138 22.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 56.328 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

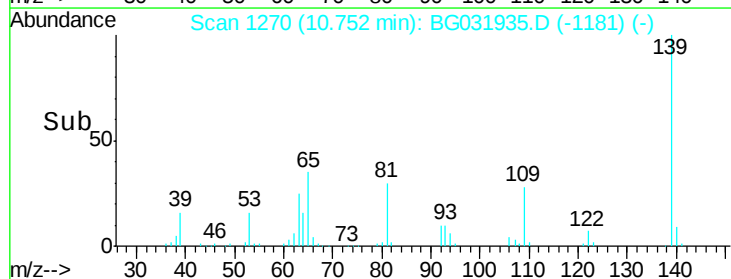
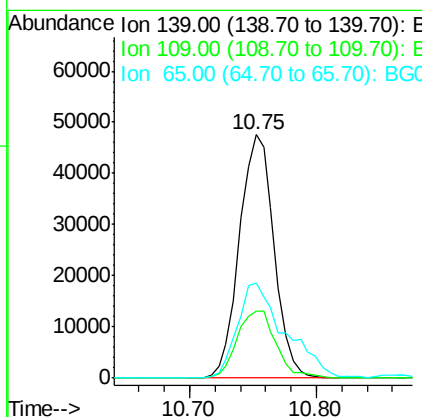
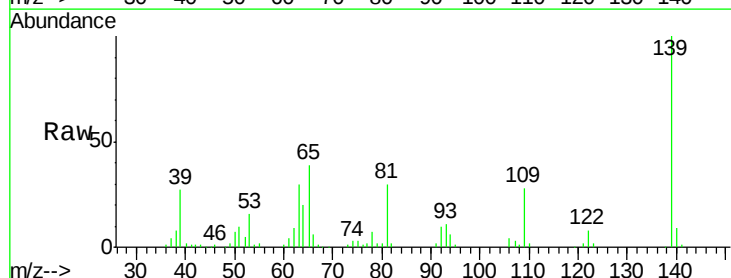
Tgt Ion: 139 Resp: 90037

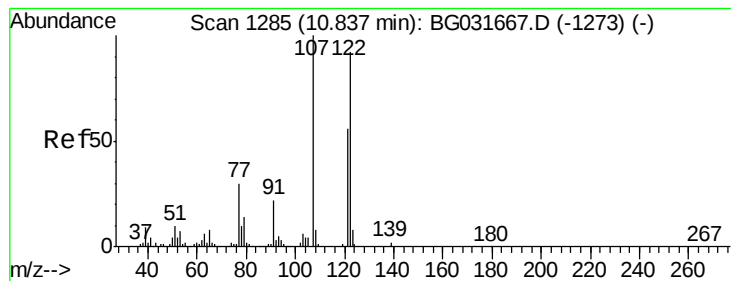
Ion Ratio Lower Upper

139 100

109 27.7 24.2 36.2

65 39.3 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 46.200 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

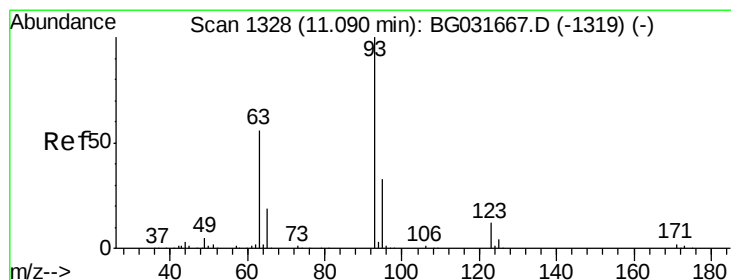
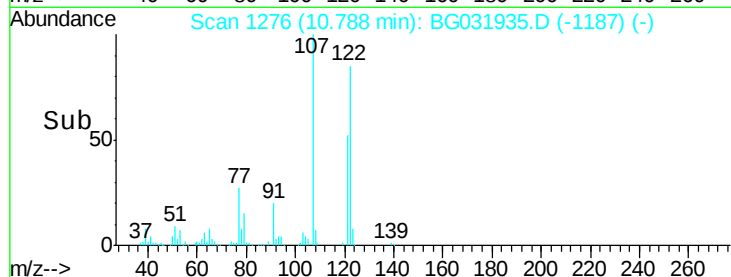
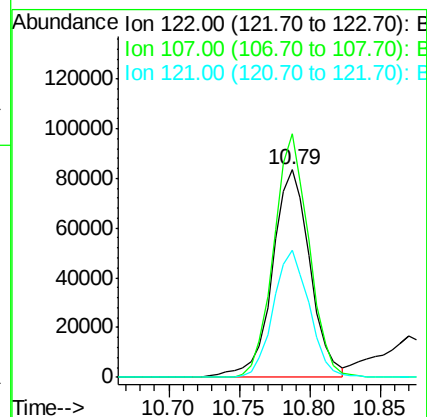
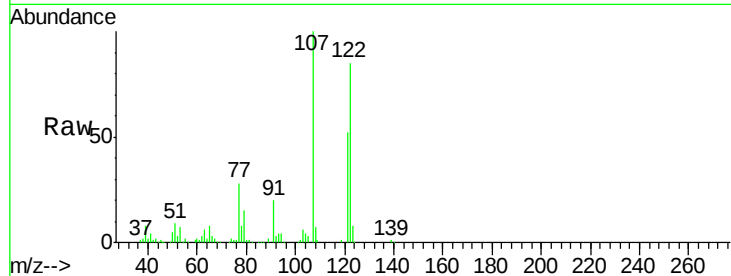
Tgt Ion:122 Resp: 155396

Ion Ratio Lower Upper

122 100

107 117.5 100.2 150.2

121 61.6 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.768 ng

RT: 11.03 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

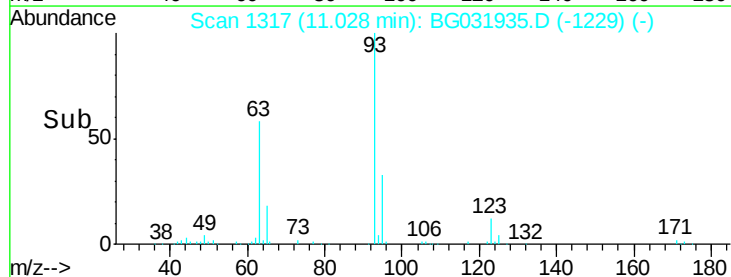
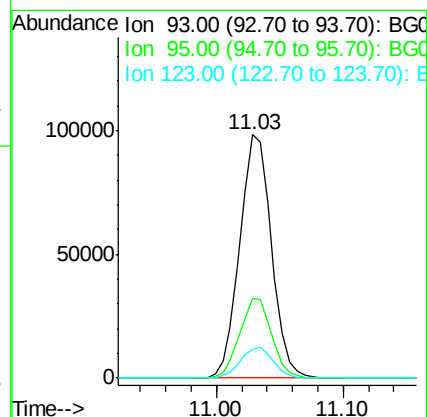
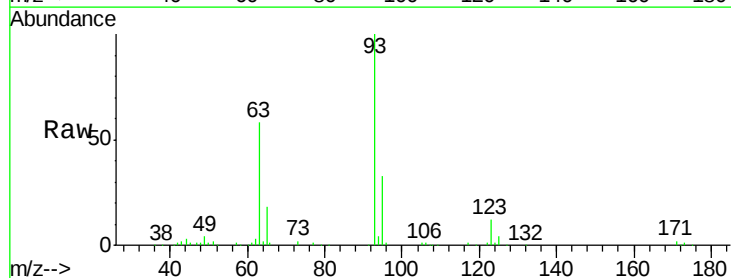
Tgt Ion: 93 Resp: 169916

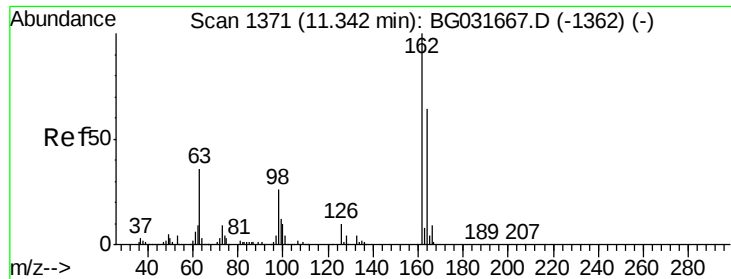
Ion Ratio Lower Upper

93 100

95 32.6 24.3 36.5

123 11.9 8.4 12.6

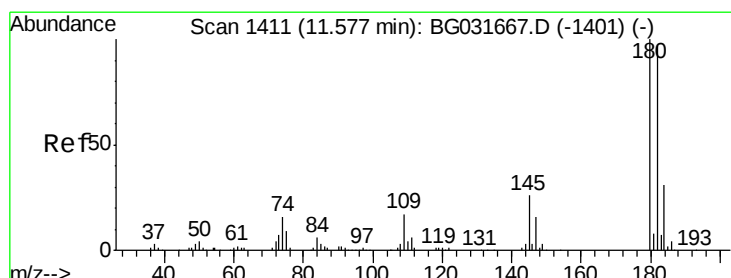
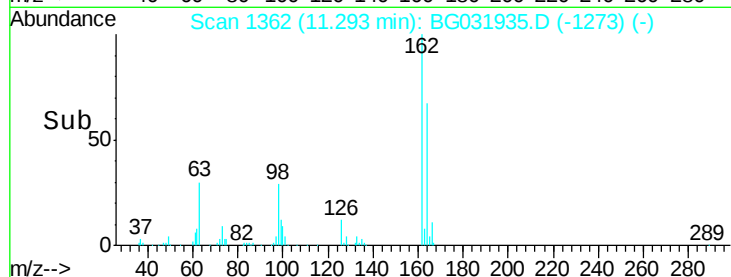
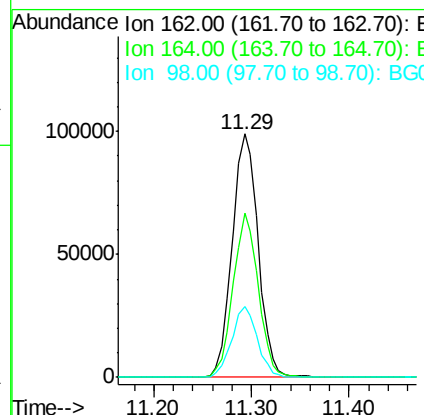
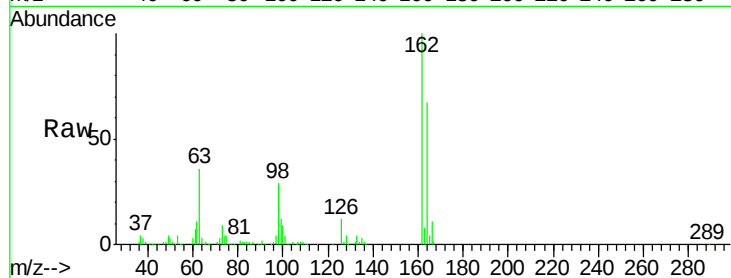




#29
2,4-Dichlorophenol
Concen: 46.391 ng
RT: 11.29 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

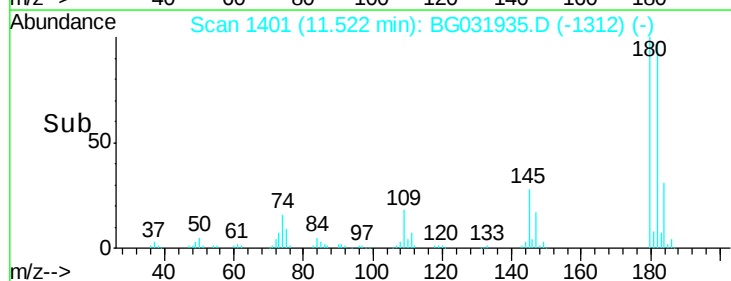
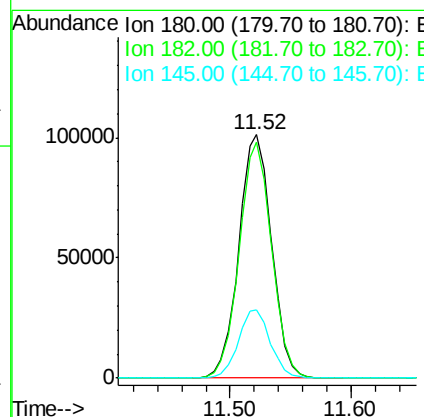
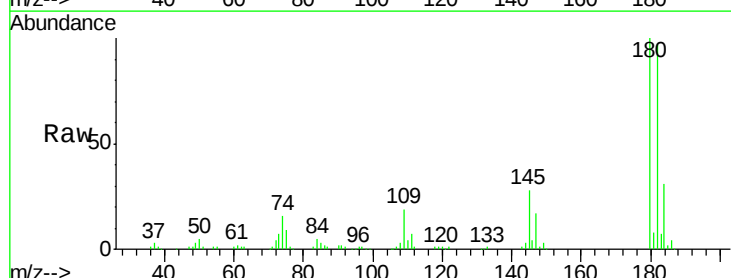
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

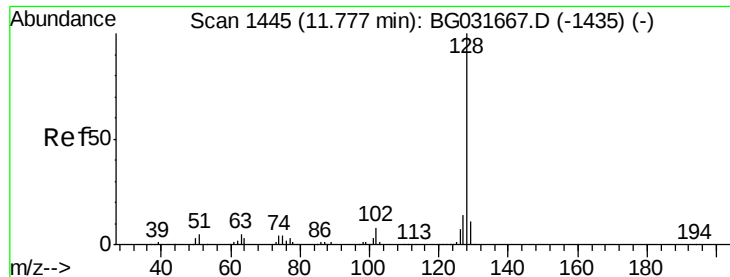
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.0	88.0
98	29.3	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.564 ng
RT: 11.52 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	28.0	23.4	35.2

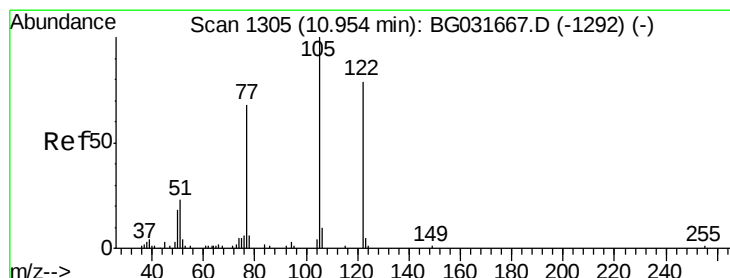
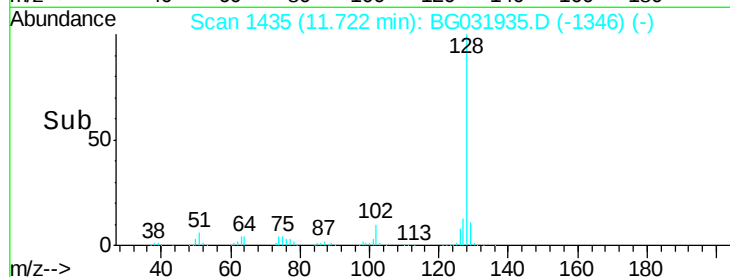
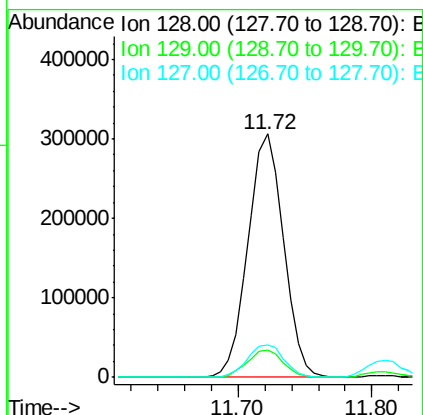
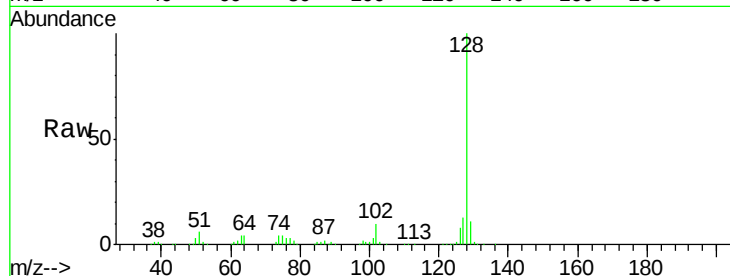




#31
Naphthalene
Concen: 50.041 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

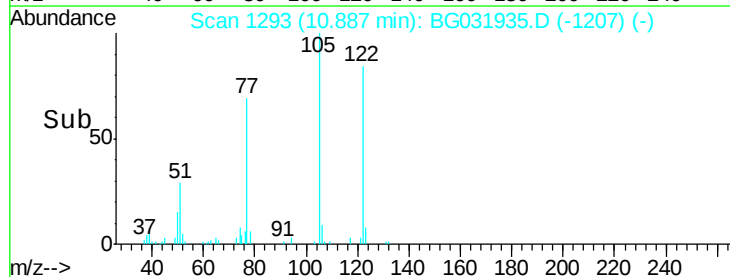
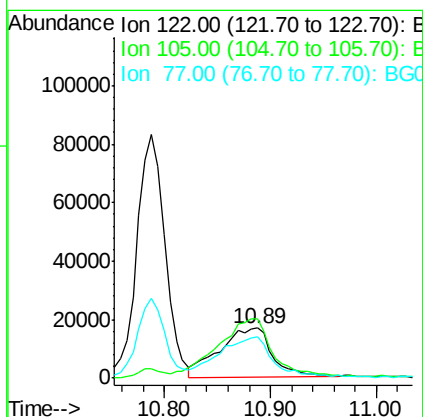
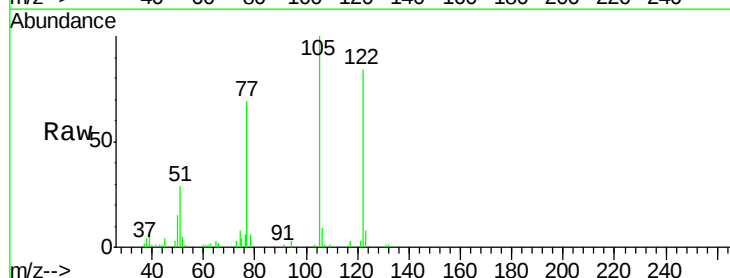
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

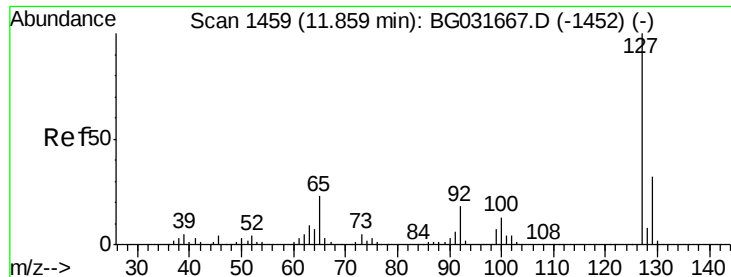
Tgt Ion:128 Resp: 564091
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 28.453 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:122 Resp: 57996
Ion Ratio Lower Upper
122 100
105 118.5 123.5 163.5#
77 81.5 85.7 125.7#

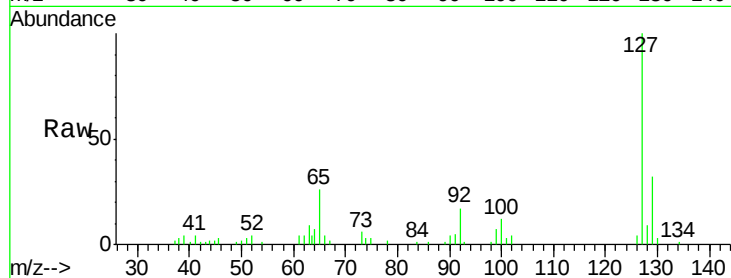




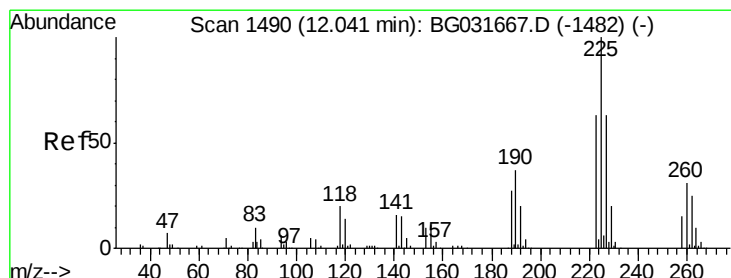
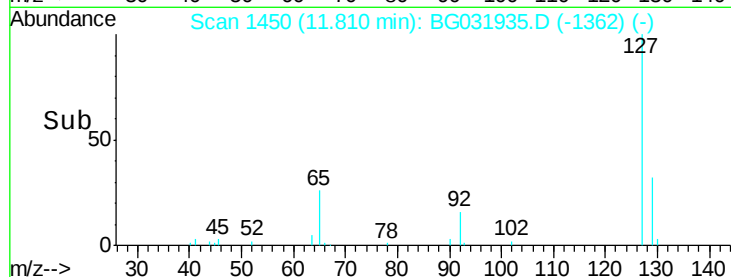
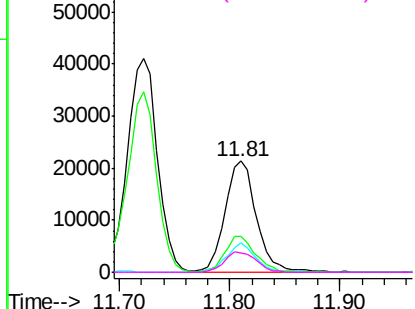
#33
4-Chloroaniline
Concen: 8.494 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

Tgt Ion:127 Resp: 42631
Ion Ratio Lower Upper
127 100
129 32.3 24.0 36.0
65 26.5 27.0 40.4#
92 17.0 16.6 25.0

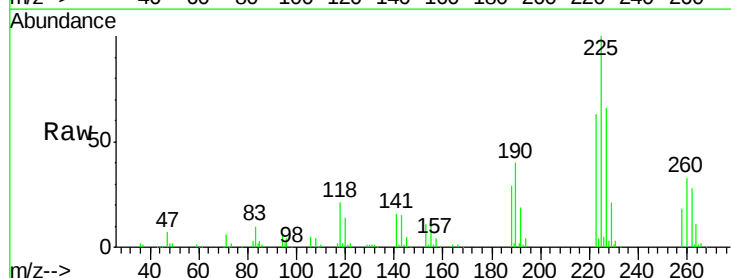


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

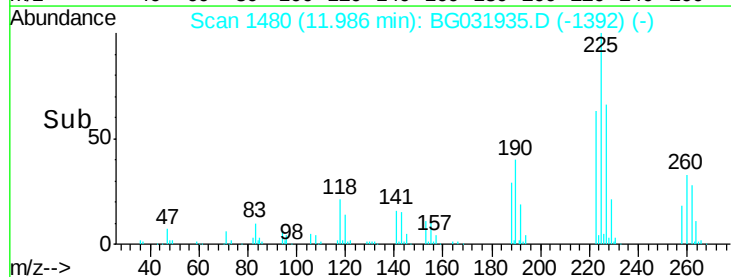
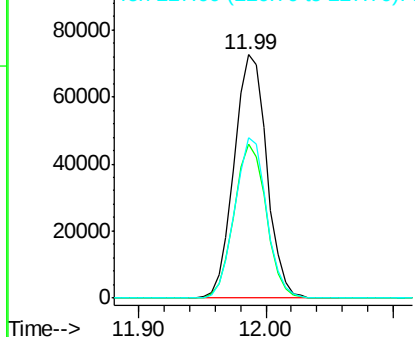


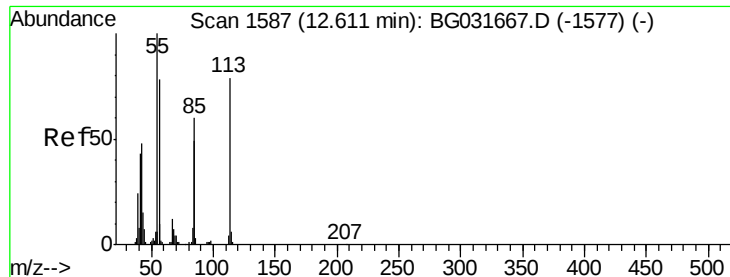
#34
Hexachlorobutadiene
Concen: 39.009 ng
RT: 11.99 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:225 Resp: 129117
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 65.8 48.1 72.1



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

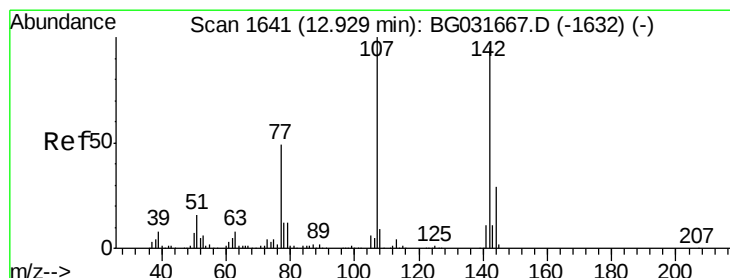
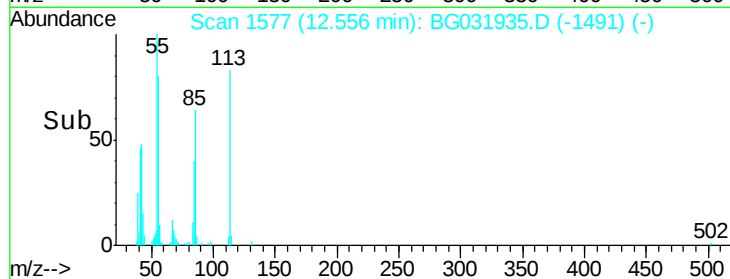
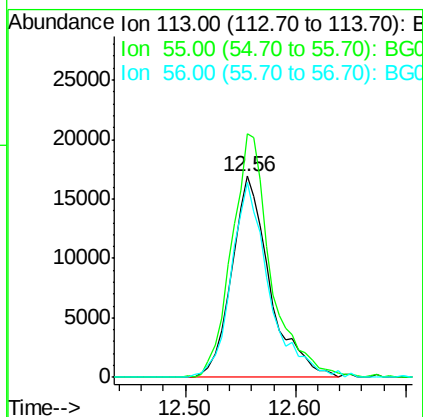
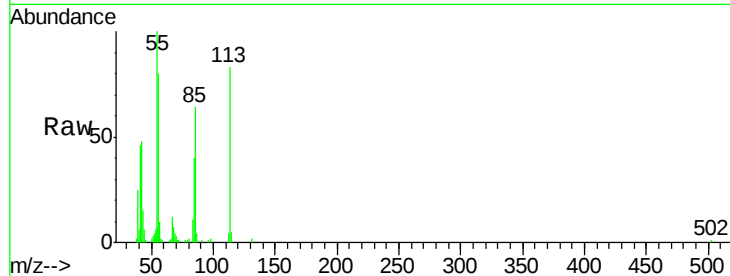




#35
 Caprolactam
 Concen: 34.163 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

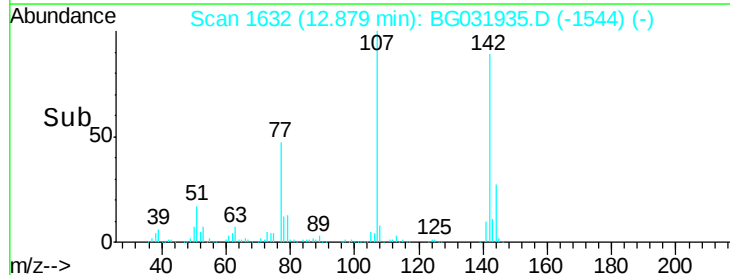
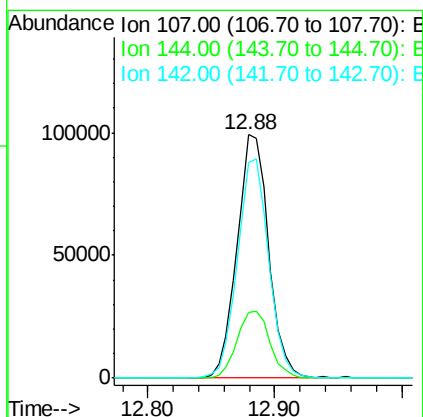
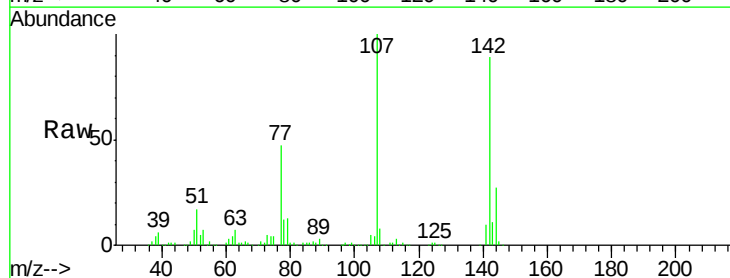
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

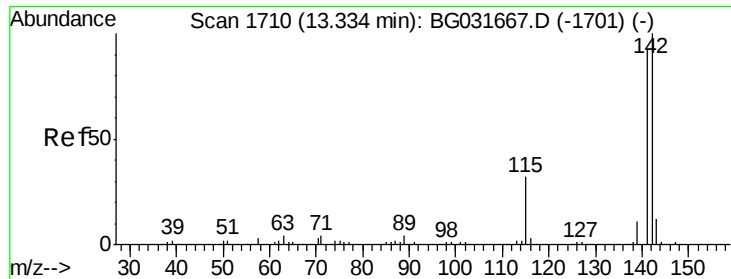
Tgt Ion:113 Resp: 40890
 Ion Ratio Lower Upper
 113 100
 55 121.0 186.9 226.9#
 56 97.2 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 46.935 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:107 Resp: 171167
 Ion Ratio Lower Upper
 107 100
 144 27.1 18.2 27.4
 142 88.5 59.0 88.4#

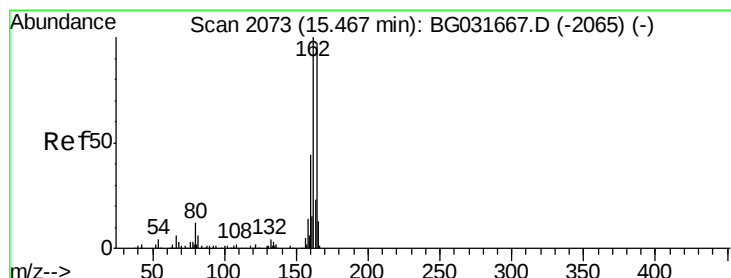
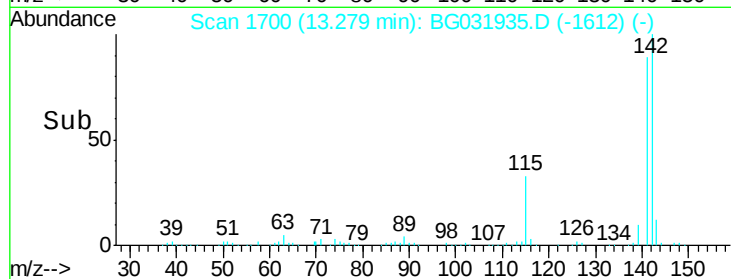
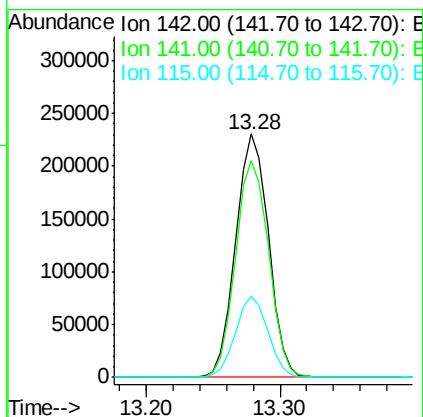
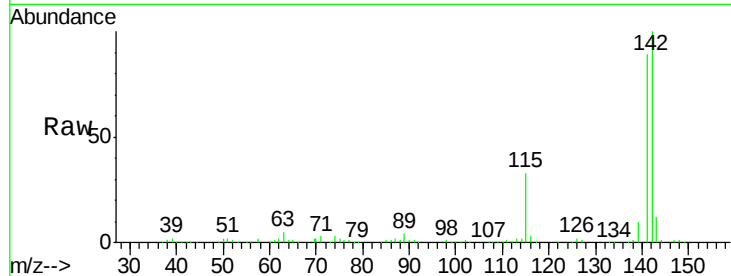




#37
2-Methylnaphthalene
Concen: 42.888 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

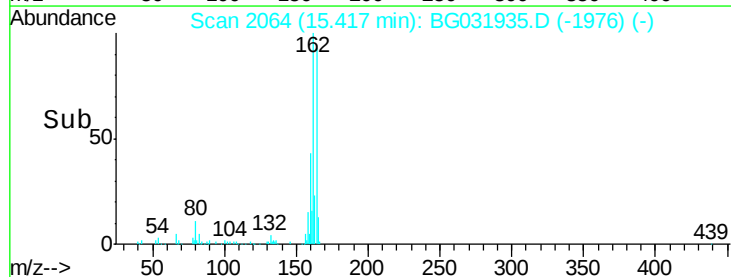
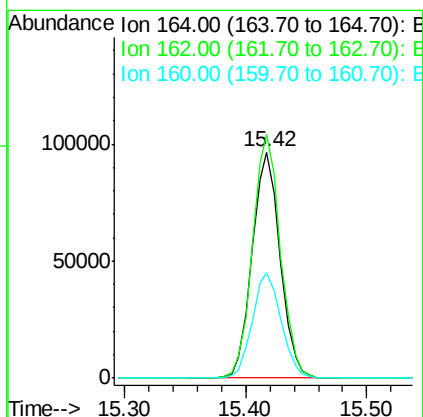
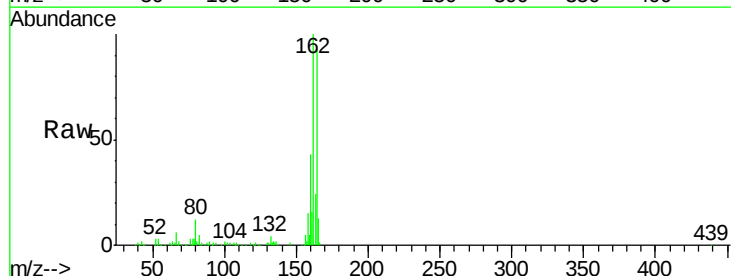
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

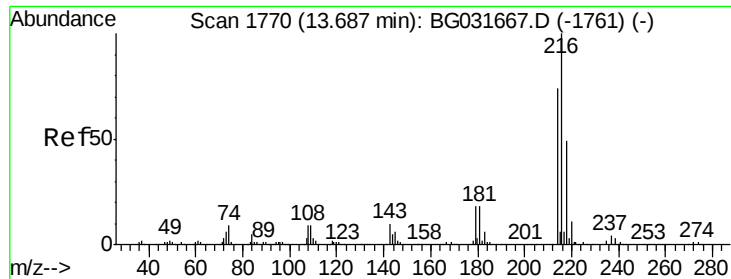
Tgt Ion:142 Resp: 391927
Ion Ratio Lower Upper
142 100
141 89.1 67.1 100.7
115 33.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:164 Resp: 155291
Ion Ratio Lower Upper
164 100
162 107.8 78.8 118.2
160 46.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.963 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

Tgt Ion:216 Resp: 267939

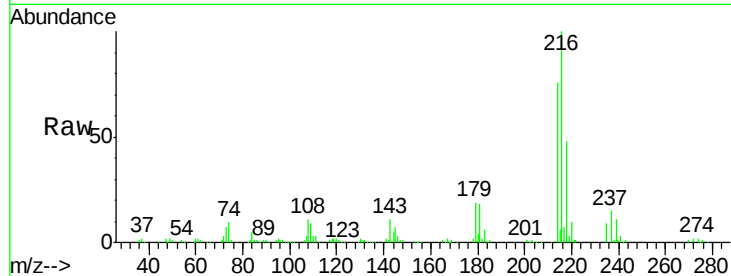
Ion Ratio Lower Upper

216 100

214 75.9 63.0 94.4

179 19.0 17.0 25.6

108 12.3 12.8 19.2#

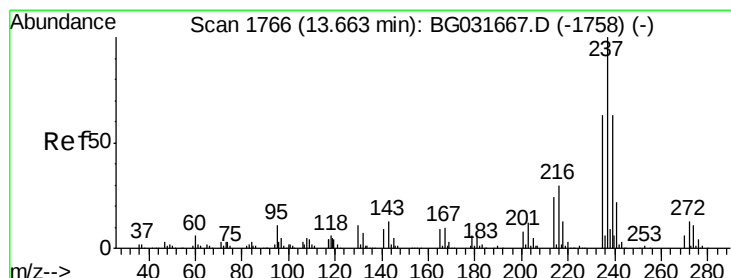
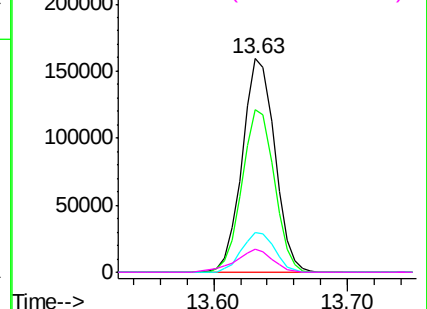
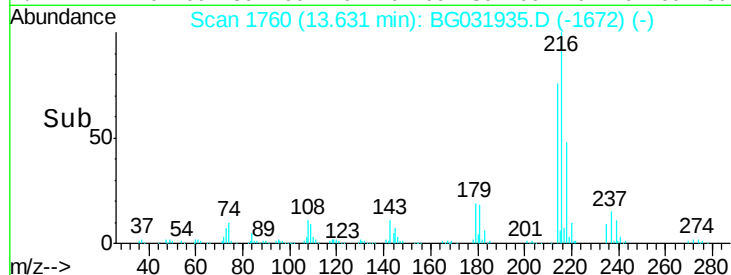


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.946 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

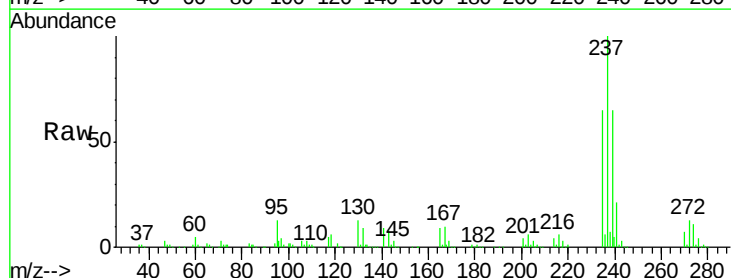
Tgt Ion:237 Resp: 317271

Ion Ratio Lower Upper

237 100

235 65.0 50.4 90.4

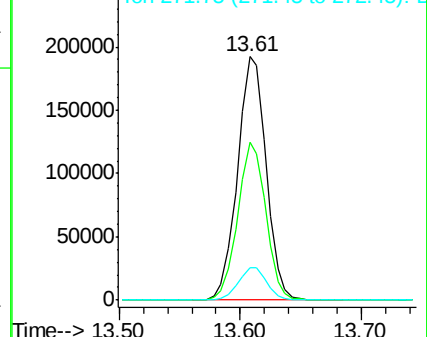
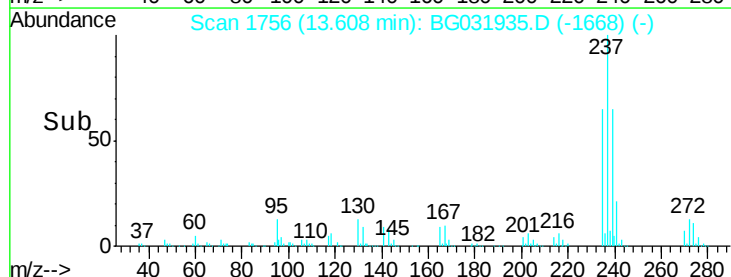
272 13.1 0.0 31.8

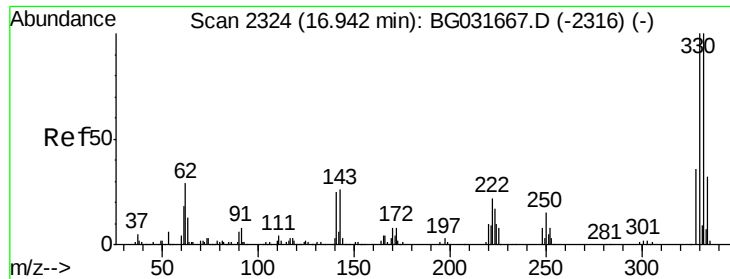


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 152.752 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

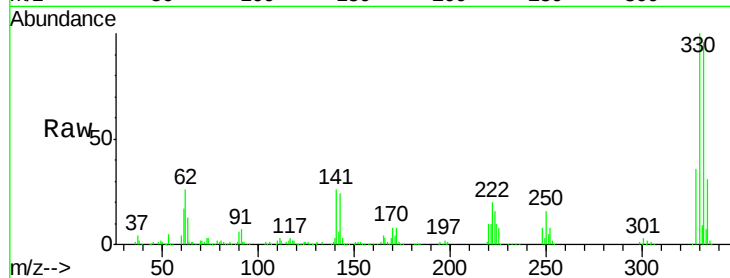
Tgt Ion:330 Resp: 361949

Ion Ratio Lower Upper

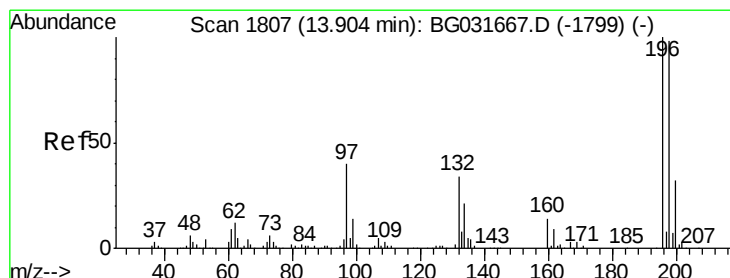
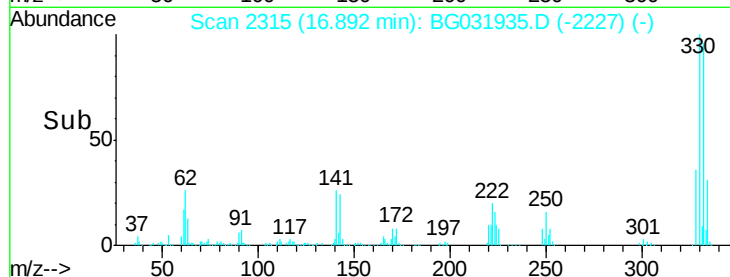
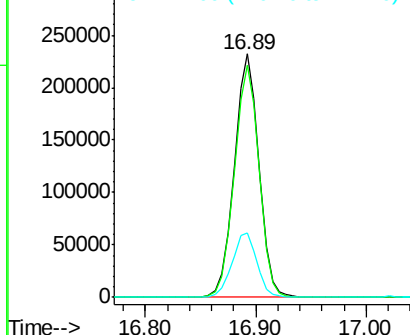
330 100

332 95.8 77.0 115.6

141 26.6 25.2 37.8



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: 45.306 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

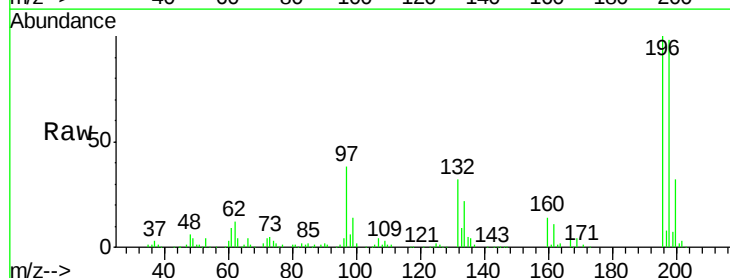
Tgt Ion:196 Resp: 170861

Ion Ratio Lower Upper

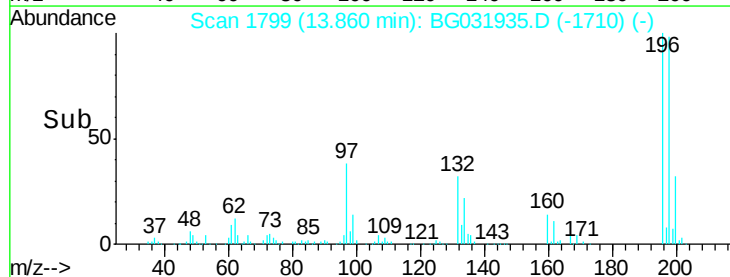
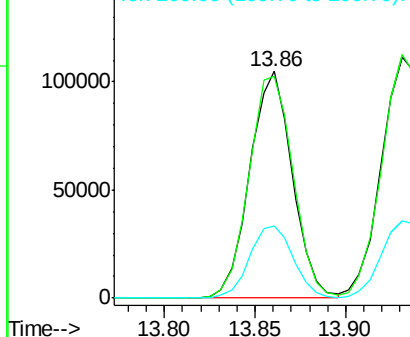
196 100

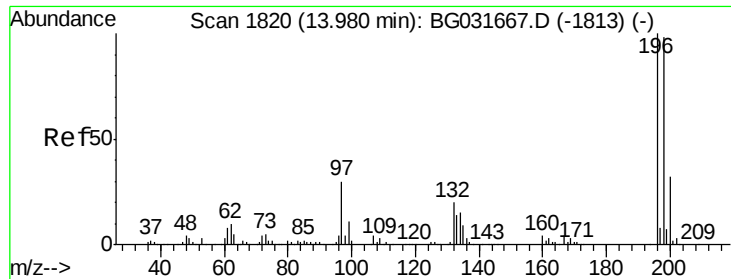
198 97.9 78.2 117.2

200 32.1 24.6 36.8



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

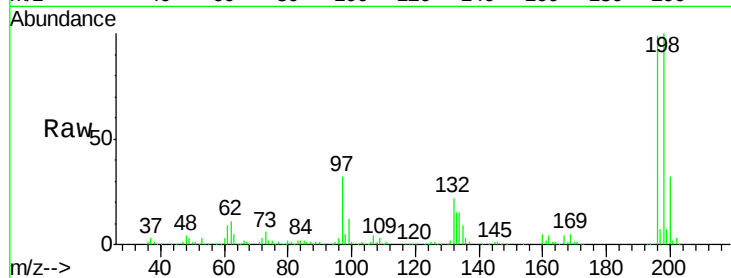




#43
 2,4,5-Trichlorophenol
 Concen: 45.981 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	76.2	114.4
97	32.3	38.7	58.1
132	22.6	20.2	30.2



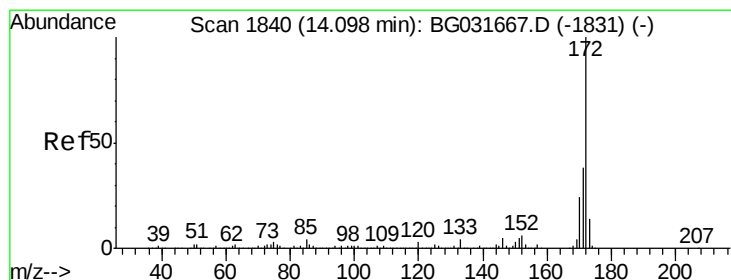
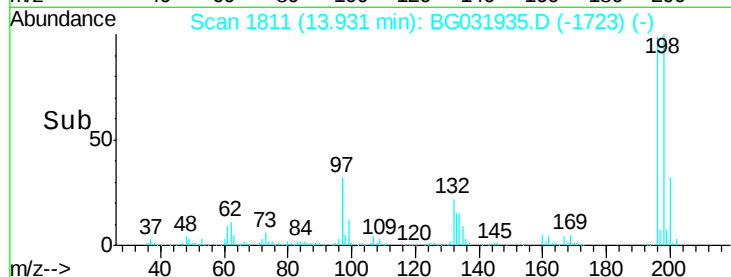
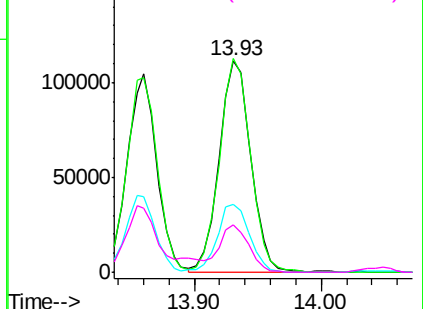
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

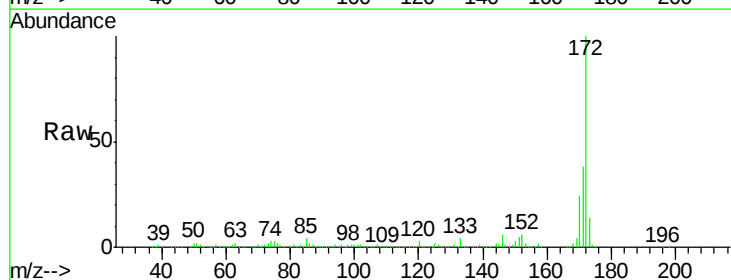
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.746 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.7	19.5	29.3

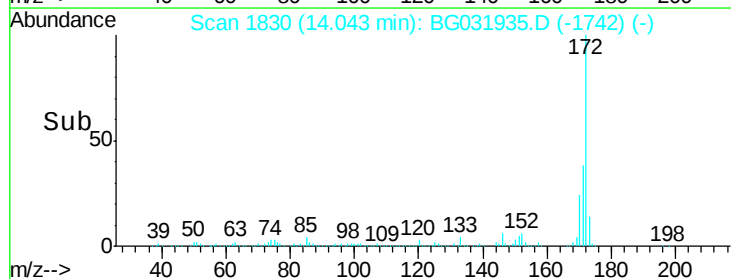
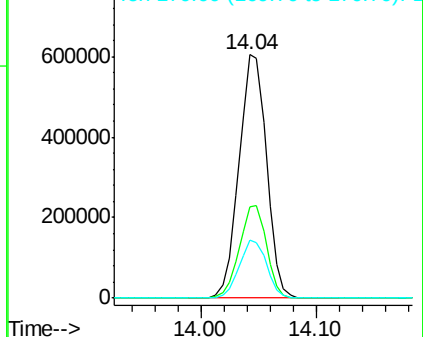


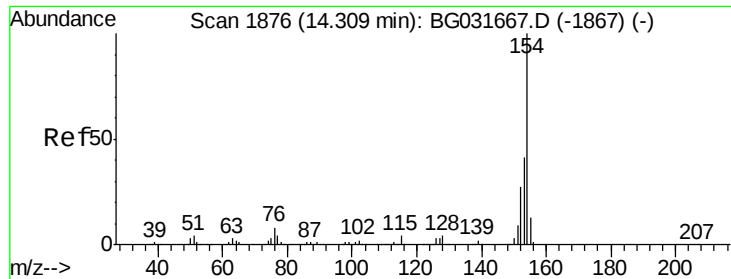
Abundance

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

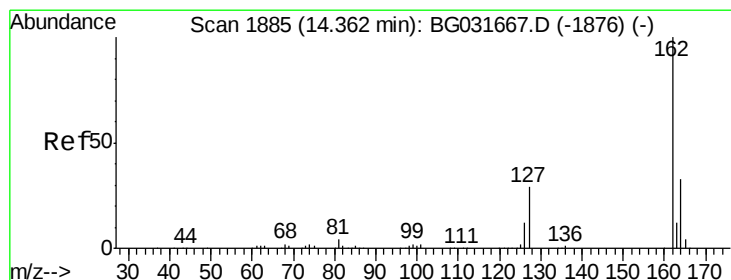
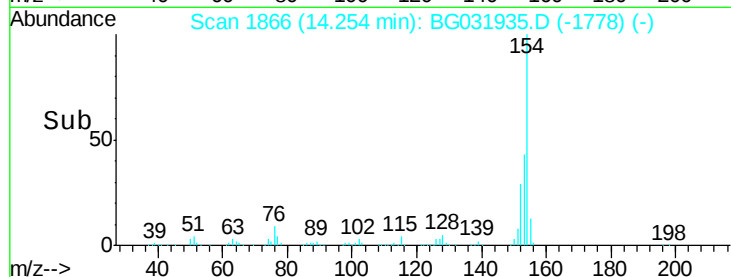
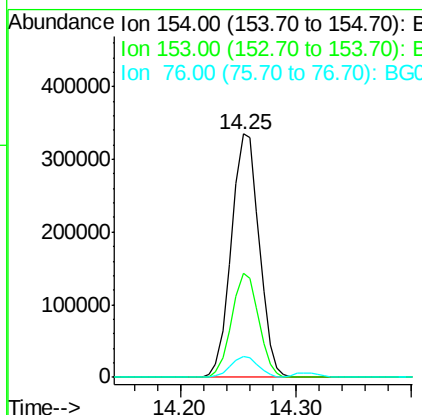
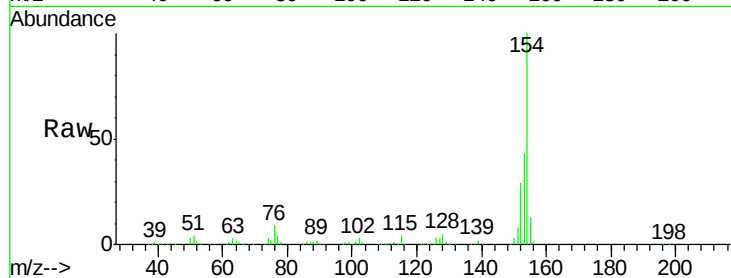




#45
 1,1'-Biphenyl
 Concen: 42.121 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

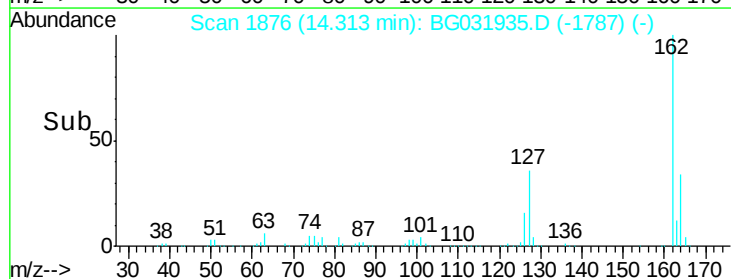
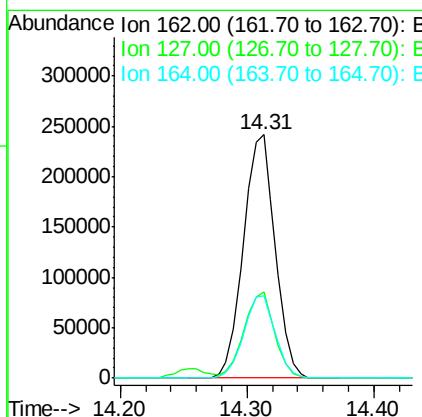
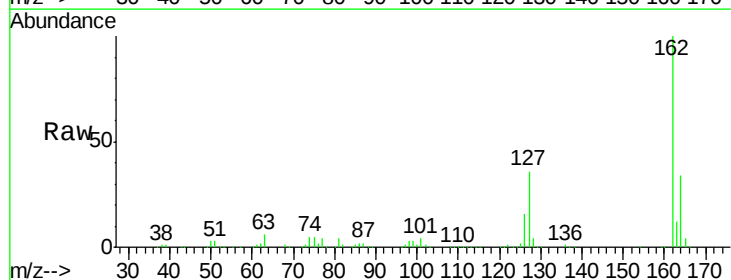
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

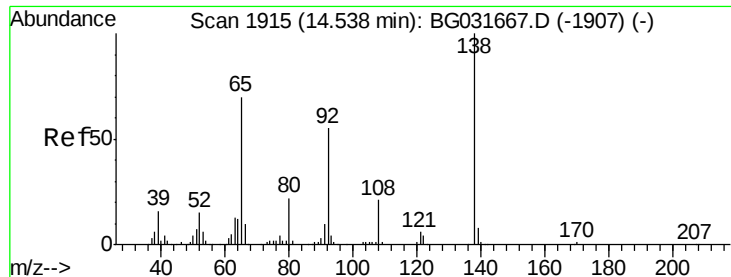
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.8	59.8
76	8.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.369 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.7	46.1
164	33.7	26.0	39.0





#47

2-Nitroaniline

Concen: 54.208 ng

RT: 14.49 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

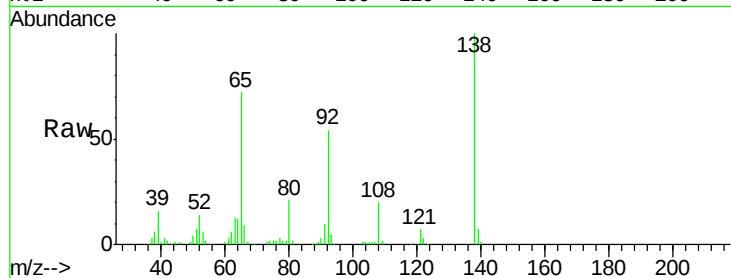
Tgt Ion: 65 Resp: 94715

Ion Ratio Lower Upper

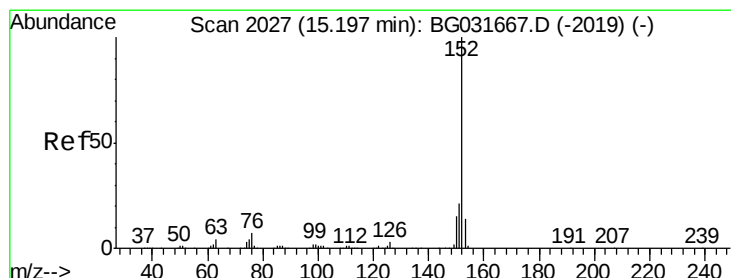
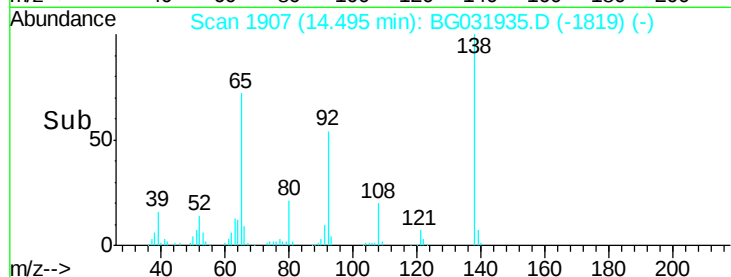
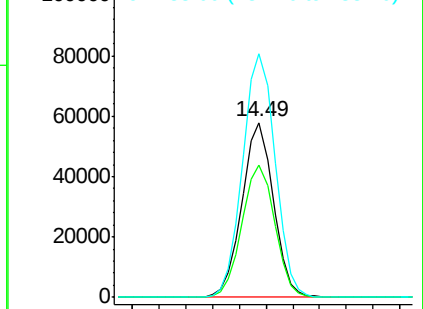
65 100

92 75.7 54.6 82.0

138 139.1 72.9 109.3#



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



#48

Acenaphthylene

Concen: 39.935 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

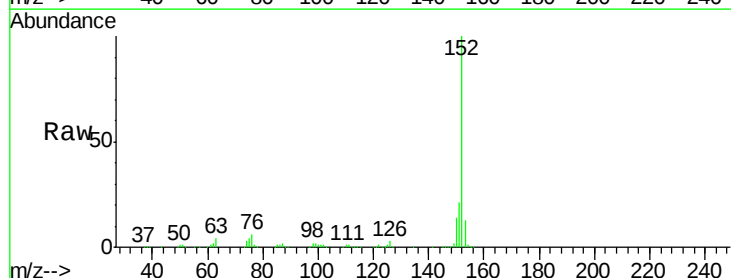
Tgt Ion: 152 Resp: 646349

Ion Ratio Lower Upper

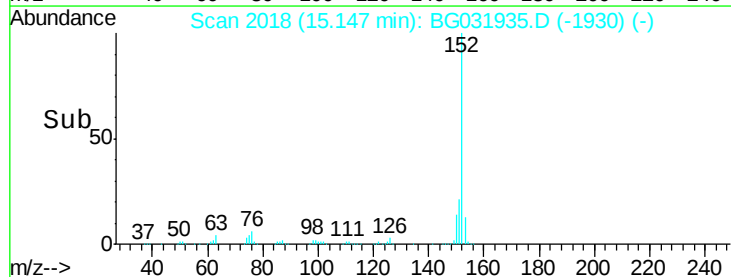
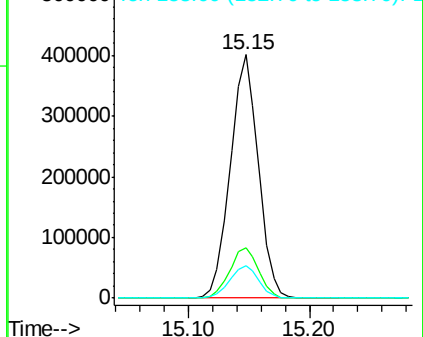
152 100

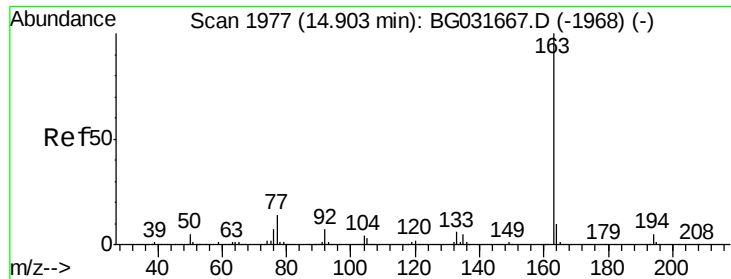
151 20.7 17.2 25.8

153 13.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.688 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

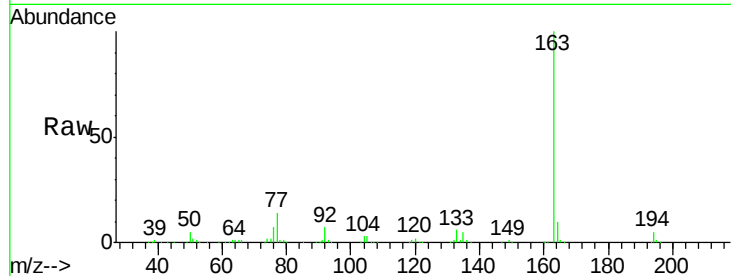
Tgt Ion:163 Resp: 570310

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

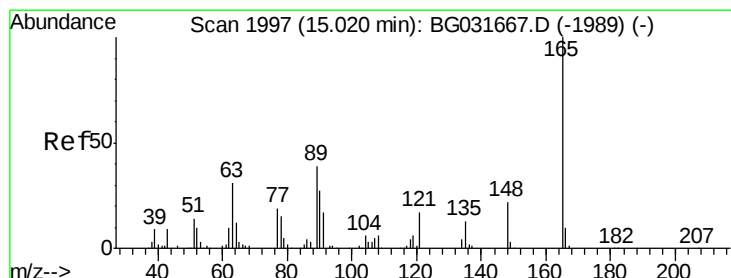
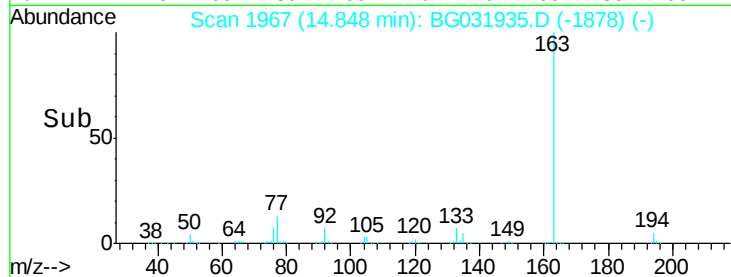
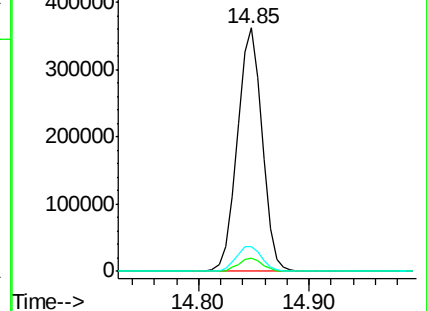
164 10.4 8.2 12.4



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: 50.940 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

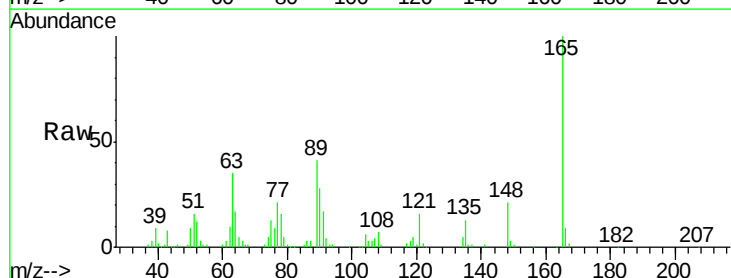
Tgt Ion:165 Resp: 128200

Ion Ratio Lower Upper

165 100

63 35.2 52.7 79.1#

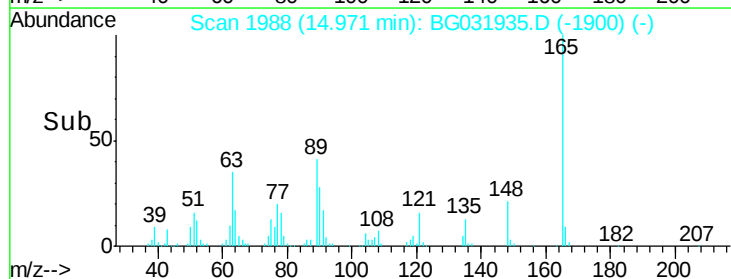
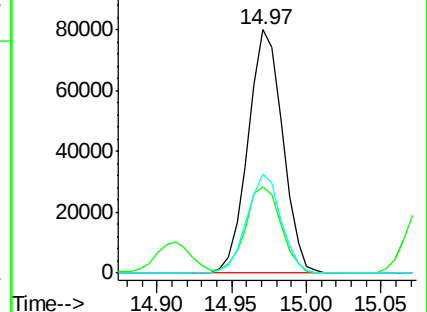
89 40.6 49.2 73.8#

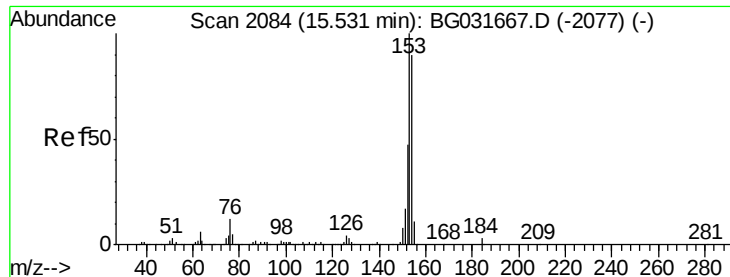


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.241 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

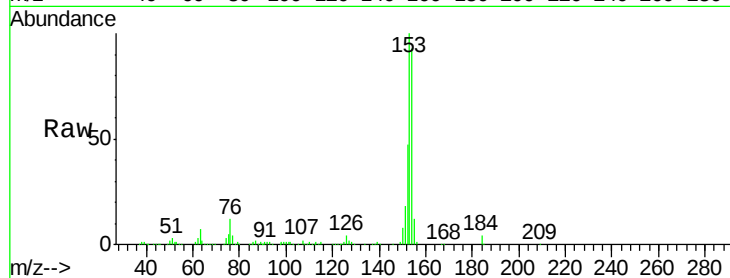
Tgt Ion:154 Resp: 458350

Ion Ratio Lower Upper

154 100

153 107.7 90.4 135.6

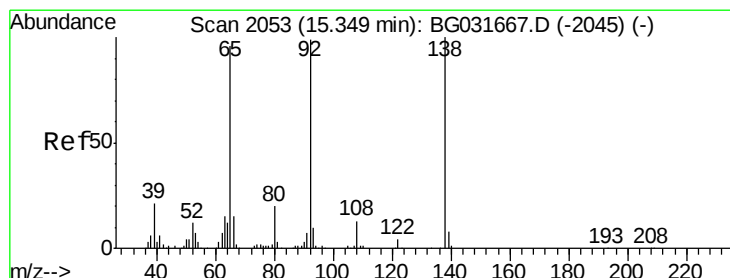
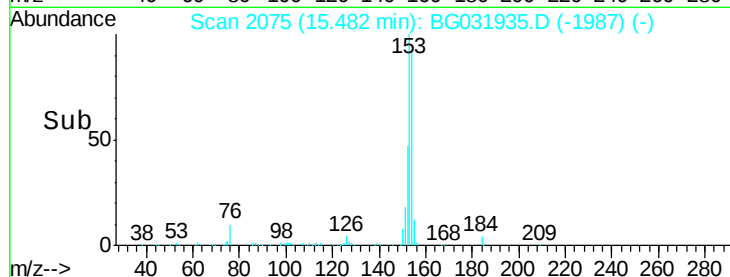
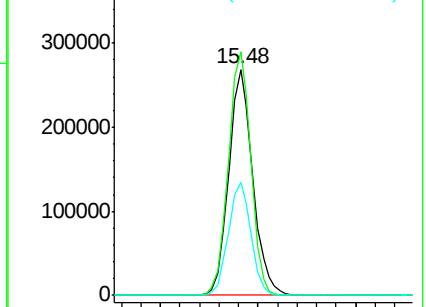
152 50.2 41.6 62.4



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: 18.893 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

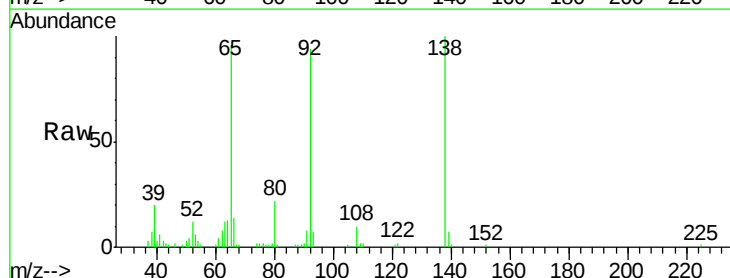
Tgt Ion:138 Resp: 46390

Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

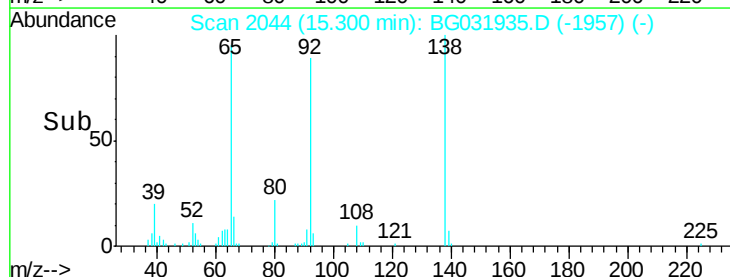
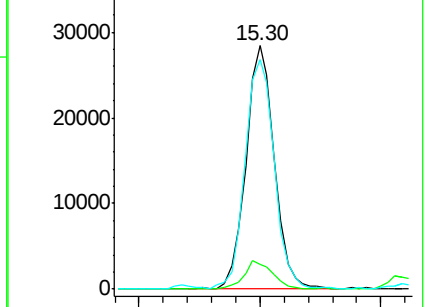
92 94.1 105.8 158.8#

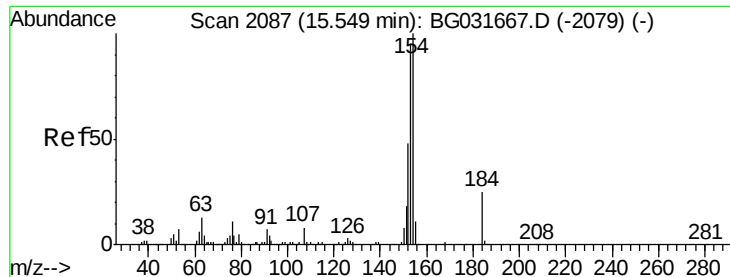


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

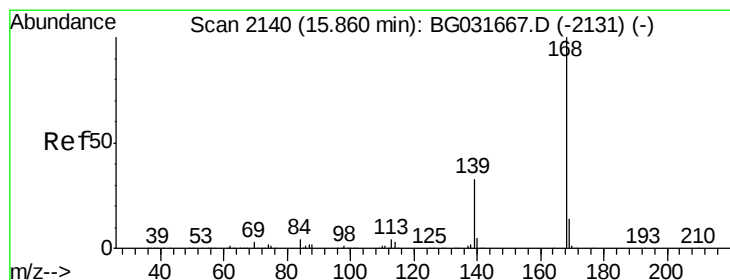
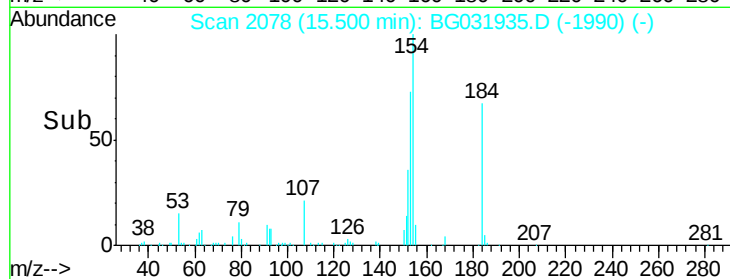
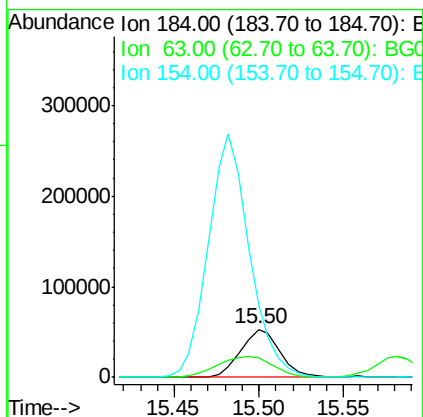
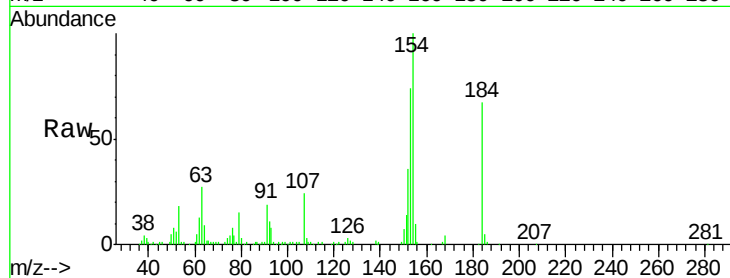




#53
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

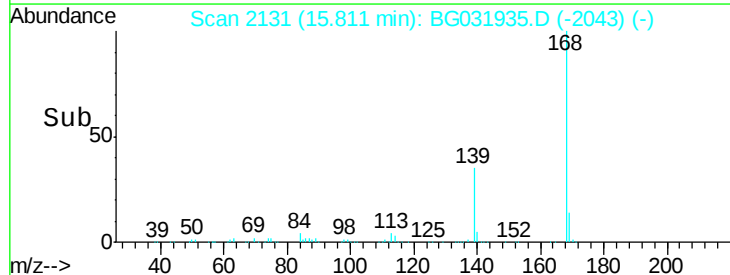
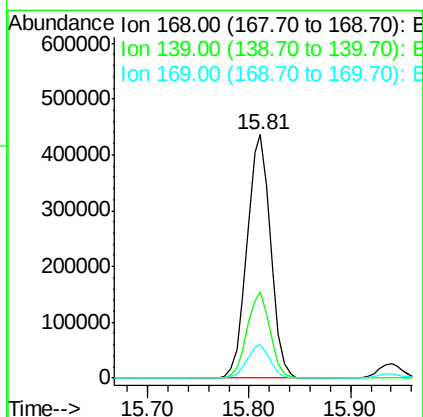
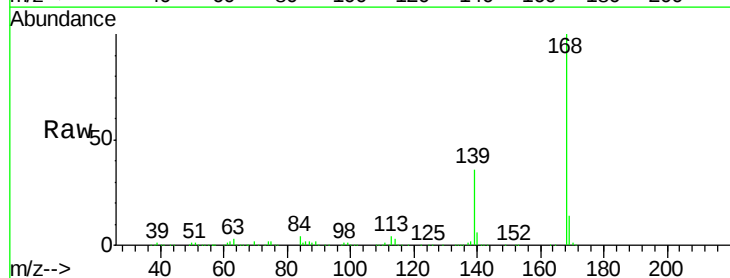
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

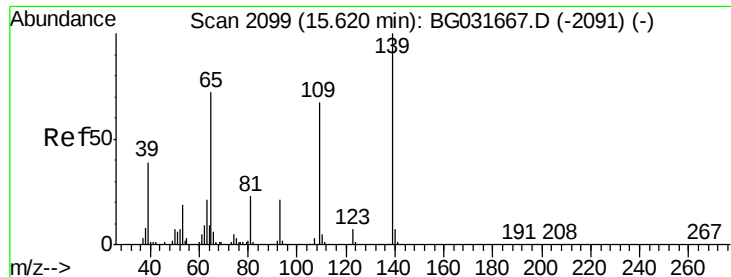
Tgt Ion:184 Resp: 86142
Ion Ratio Lower Upper
184 100
63 41.0 59.8 89.8#
154 149.8 101.8 152.8



#54
Dibenzofuran
Concen: 42.908 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:168 Resp: 697204
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 89.911 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

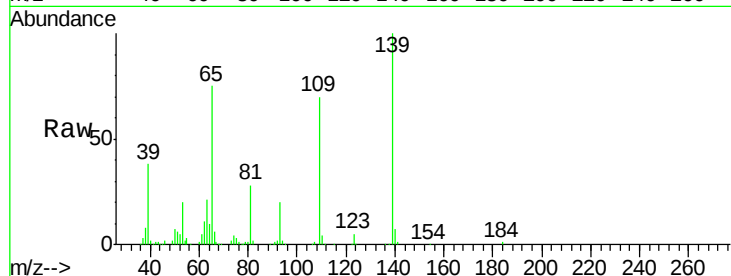
Tgt Ion:139 Resp: 179681

Ion Ratio Lower Upper

139 100

109 69.9 62.2 102.2

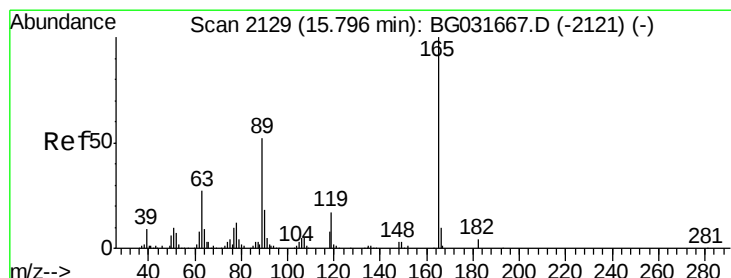
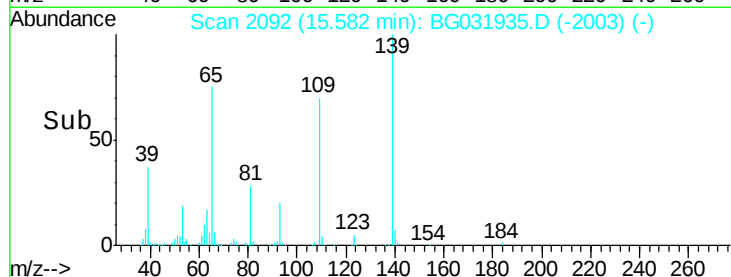
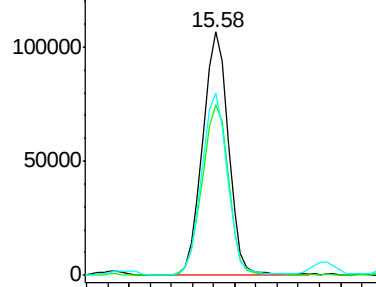
65 74.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 56.437 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion:165 Resp: 182636

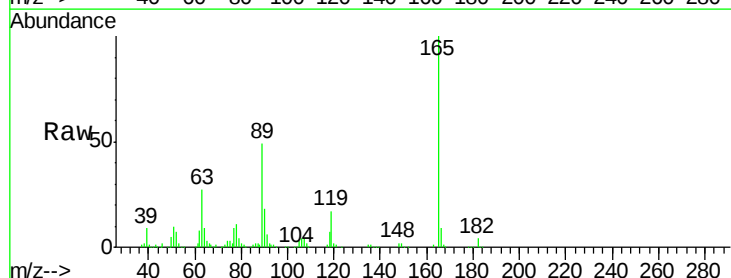
Ion Ratio Lower Upper

165 100

63 26.9 42.0 63.0#

89 49.5 66.9 100.3#

182 3.6 2.6 3.8

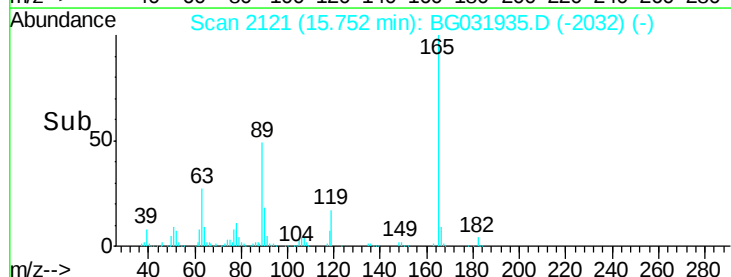
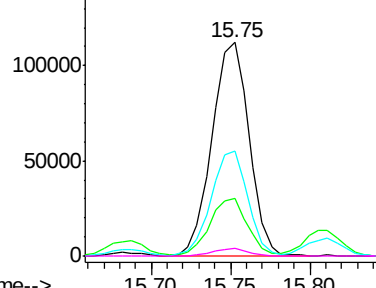


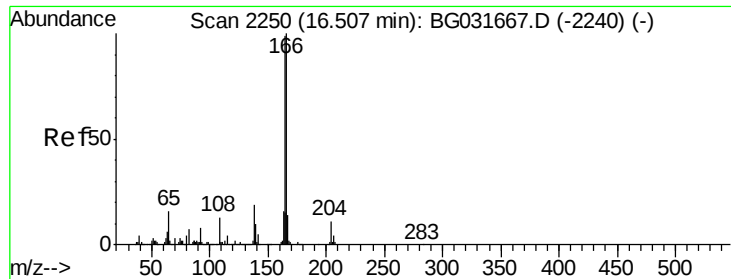
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.376 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

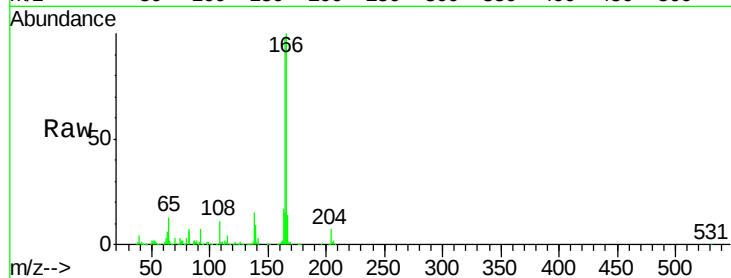
Tgt Ion:166 Resp: 559362

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

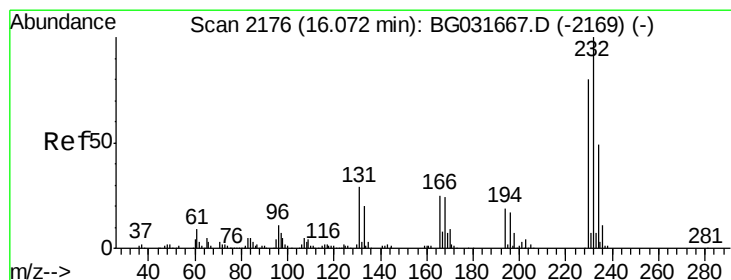
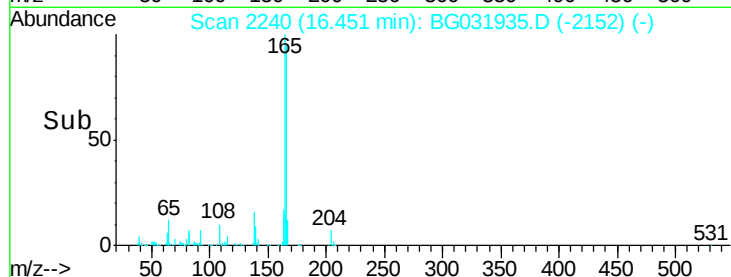
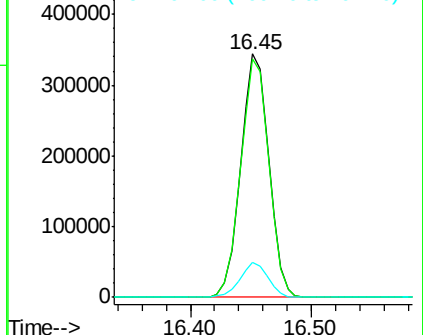
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.156 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion:232 Resp: 204514

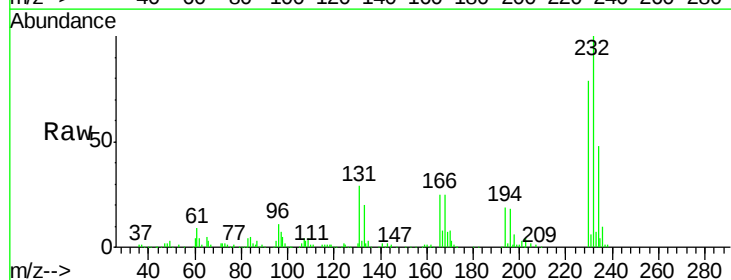
Ion Ratio Lower Upper

232 100

131 30.0 33.5 50.3#

130 1.5 2.2 3.2#

166 25.1 24.8 37.2

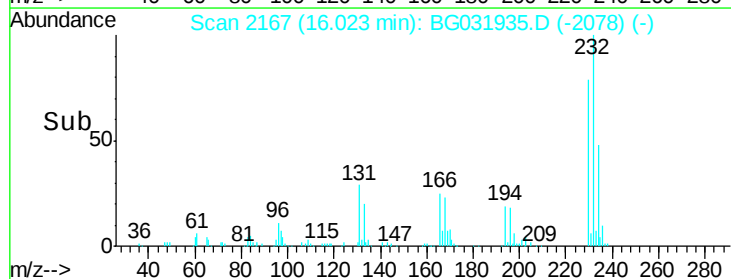
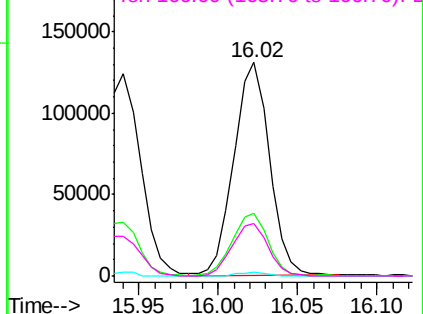


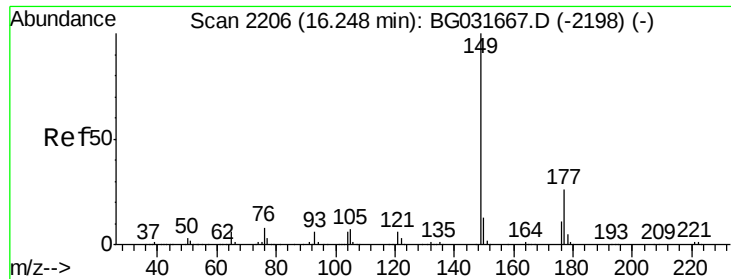
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.810 ng

RT: 16.19 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

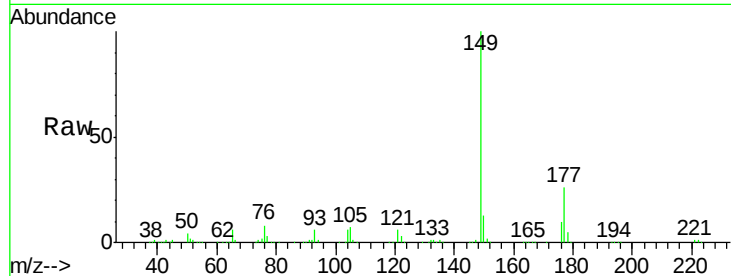
Tgt Ion:149 Resp: 557494

Ion Ratio Lower Upper

149 100

177 26.4 18.5 27.7

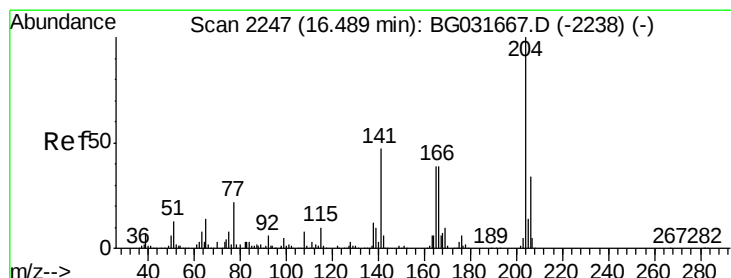
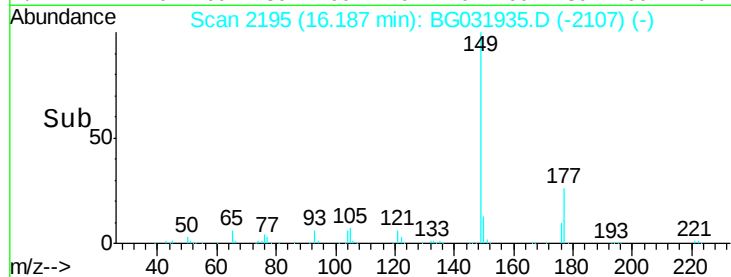
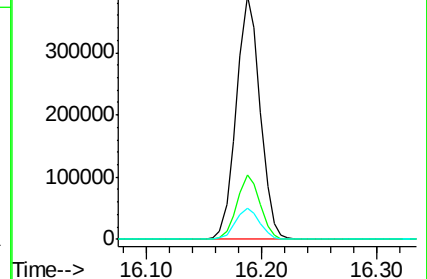
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.230 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

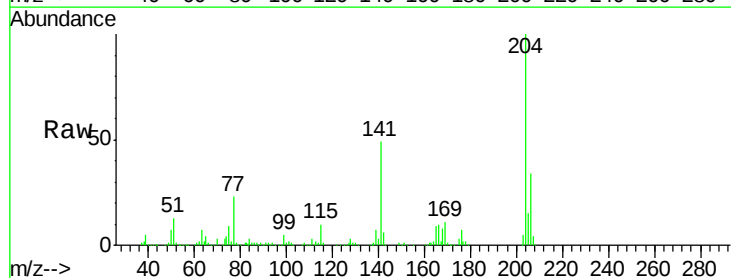
Tgt Ion:204 Resp: 332998

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

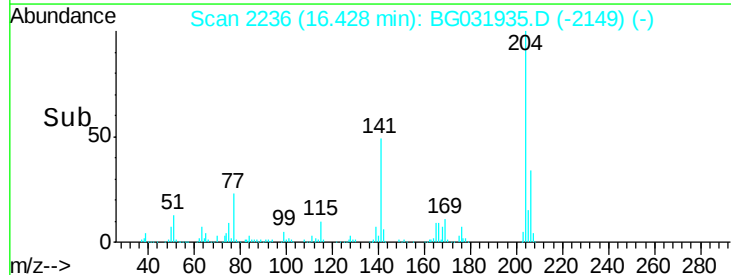
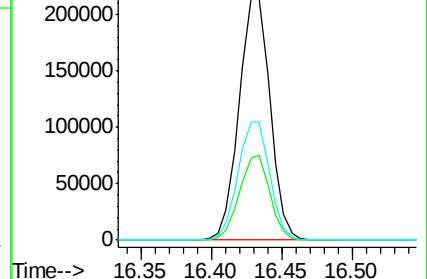
141 48.5 45.8 68.6

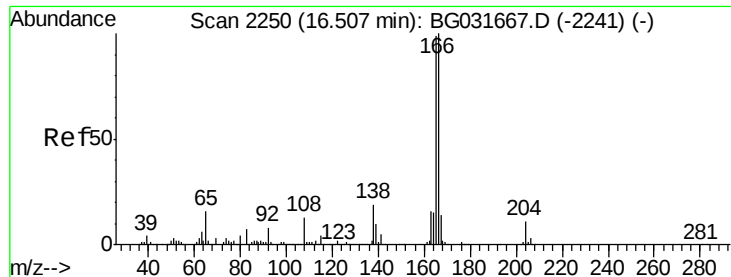


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.579 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

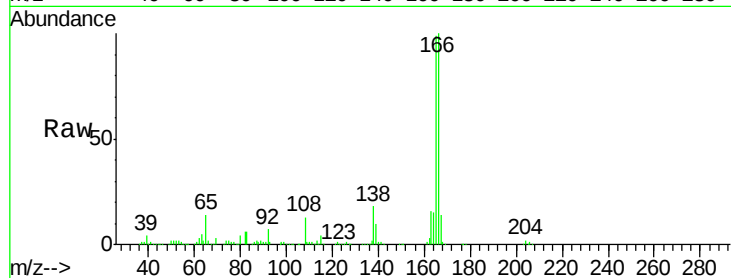
Tgt Ion:138 Resp: 97229

Ion Ratio Lower Upper

138 100

92 41.3 40.1 80.1

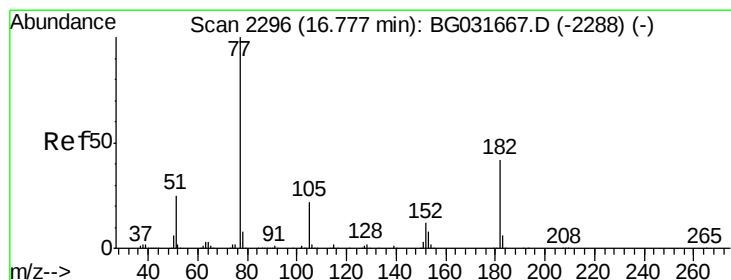
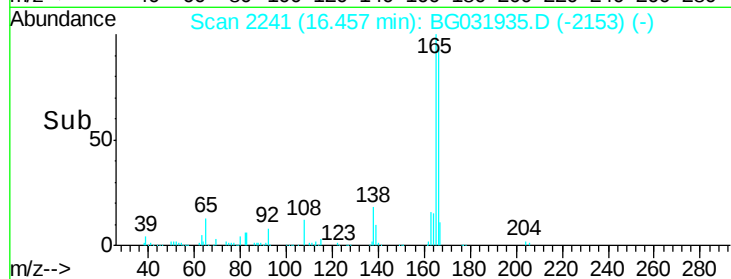
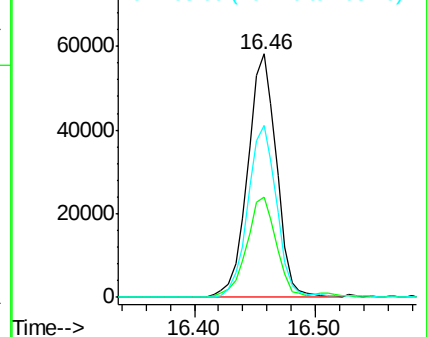
108 70.4 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.851 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion: 77 Resp: 366428

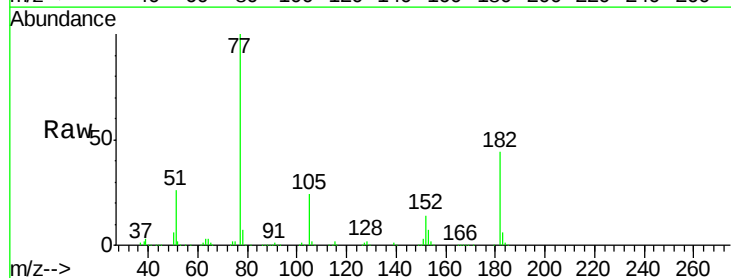
Ion Ratio Lower Upper

77 100

182 43.5 7.4 47.4

105 24.4 0.3 40.3

51 26.0 11.6 51.6

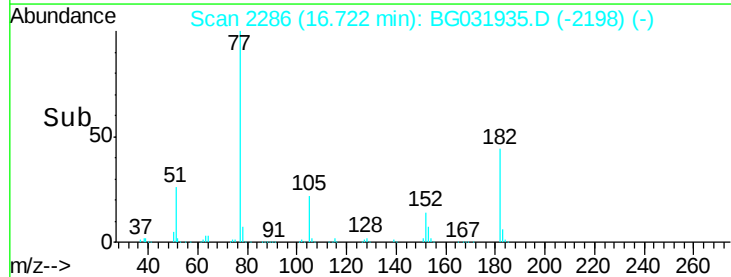
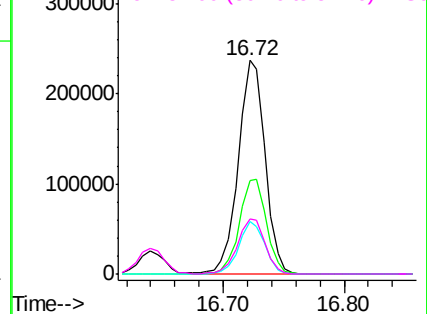


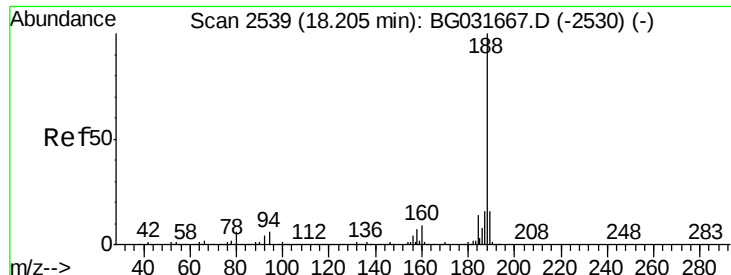
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

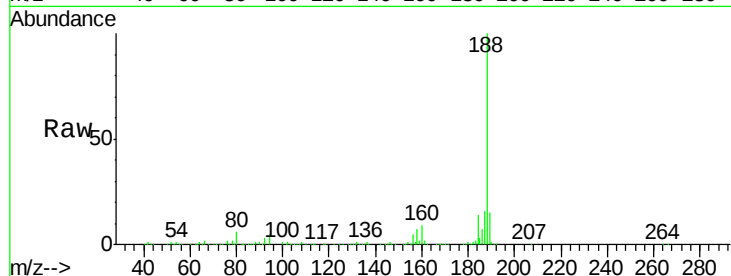
Tgt Ion:188 Resp: 397411

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

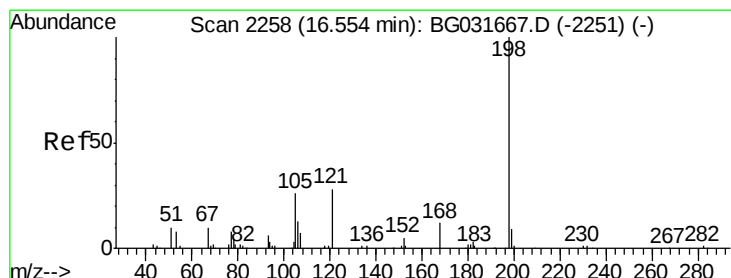
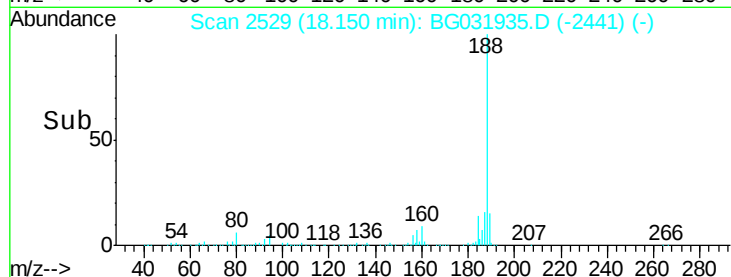
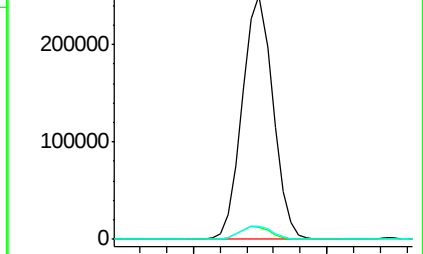
80 5.6 7.7 11.5#



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: 41.472 ng

RT: 16.50 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

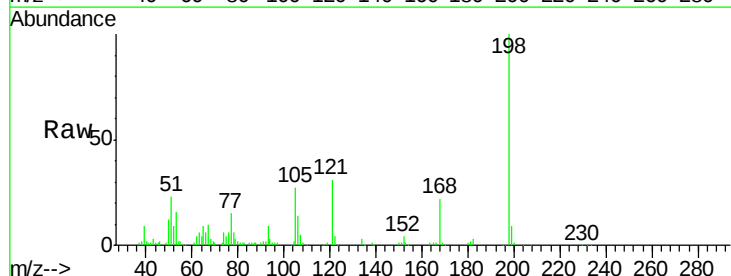
Tgt Ion:198 Resp: 77538

Ion Ratio Lower Upper

198 100

51 22.8 30.6 70.6#

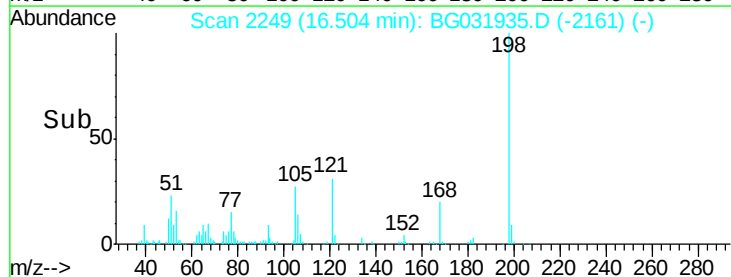
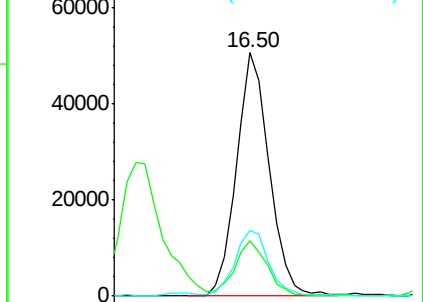
105 27.1 23.8 63.8

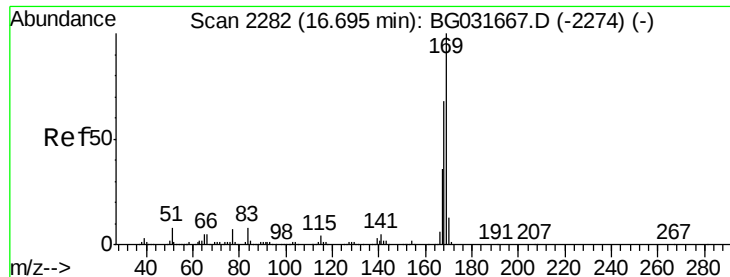


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.161 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

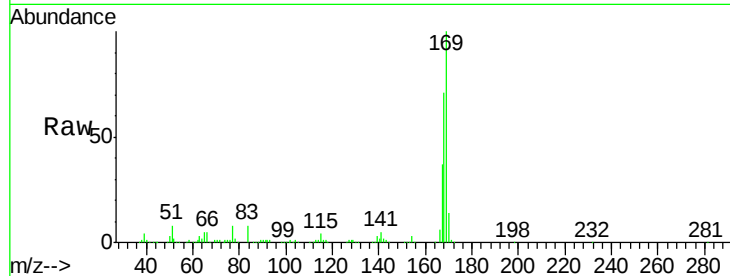
Tgt Ion:169 Resp: 516884

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

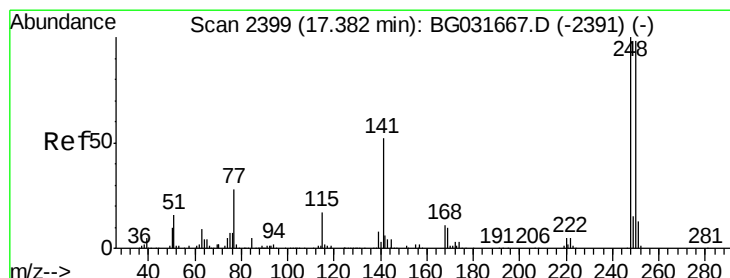
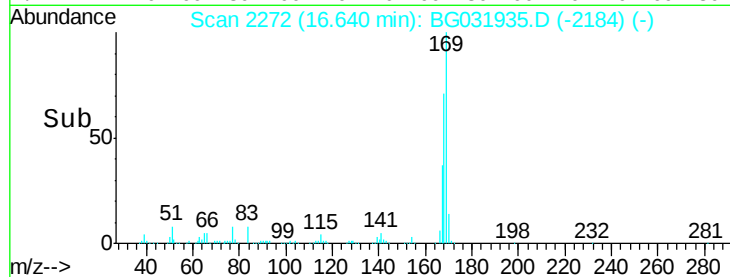
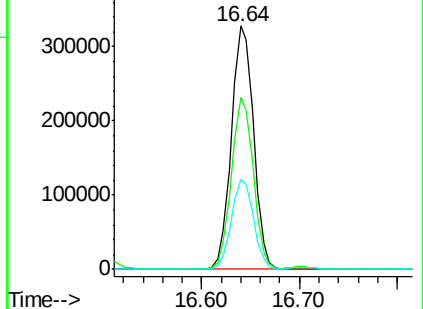
167 36.8 30.1 45.1



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: 42.565 ng

RT: 17.32 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

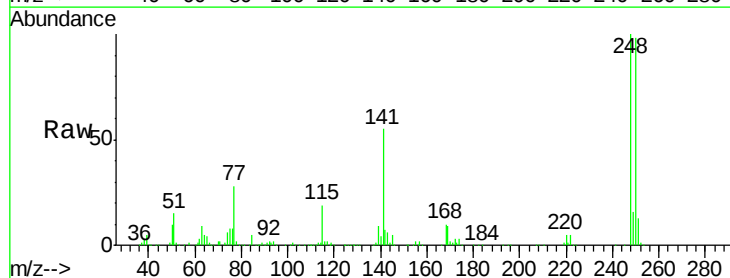
Tgt Ion:248 Resp: 244611

Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

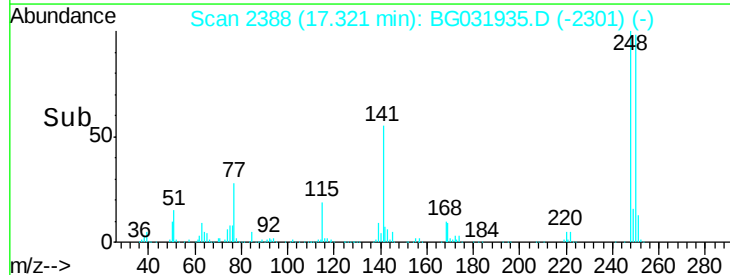
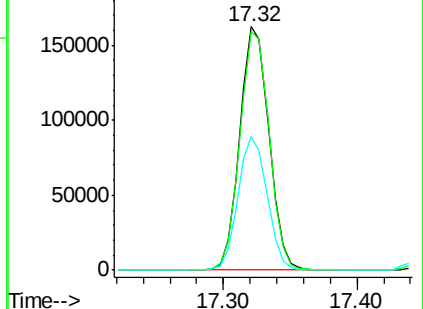
141 55.1 50.8 76.2

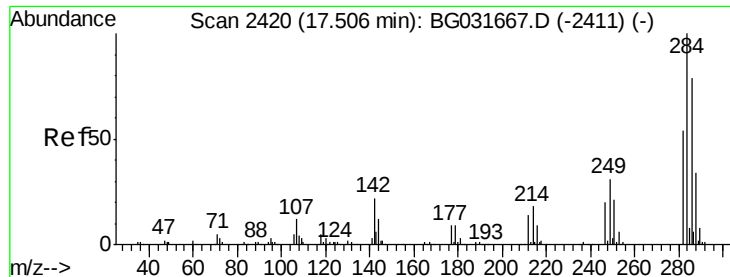


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

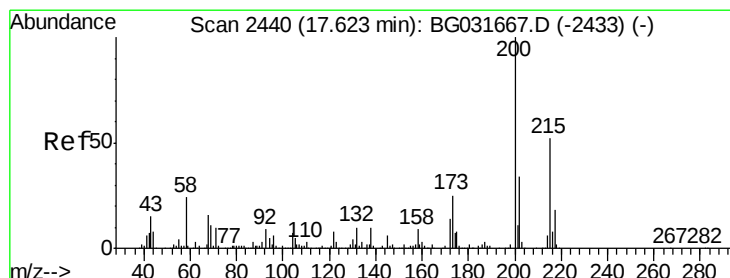
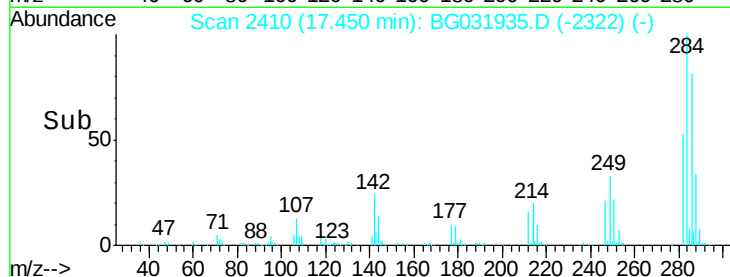
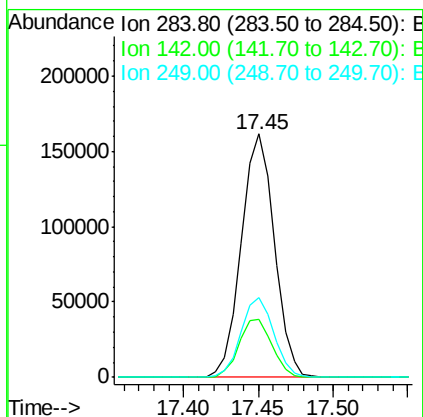
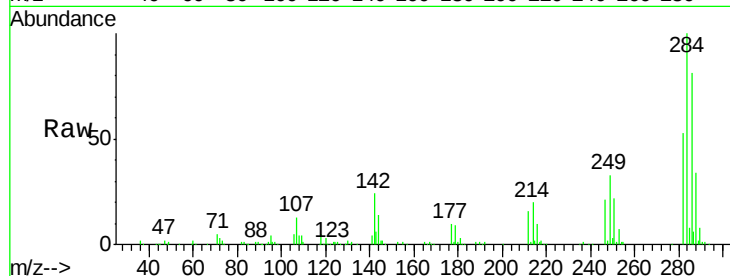




#67
Hexachlorobenzene
Concen: 42.202 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

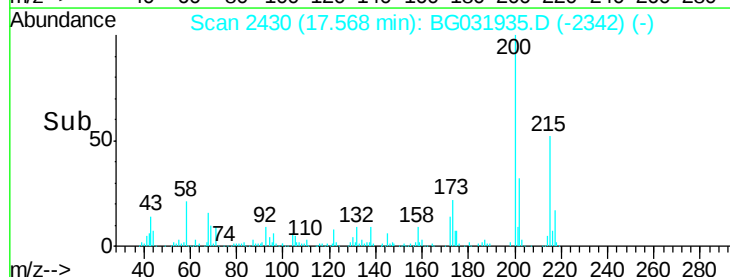
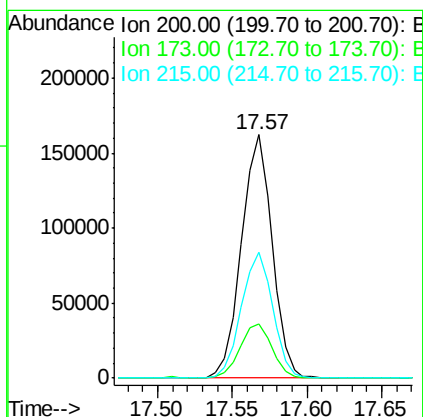
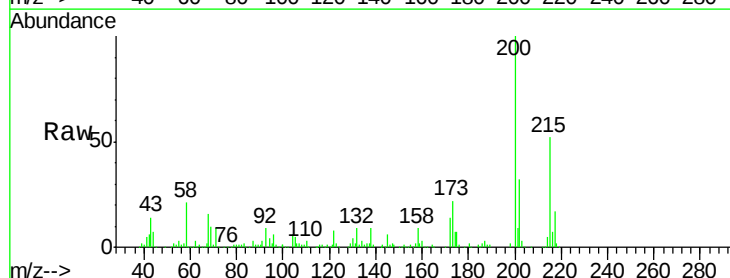
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

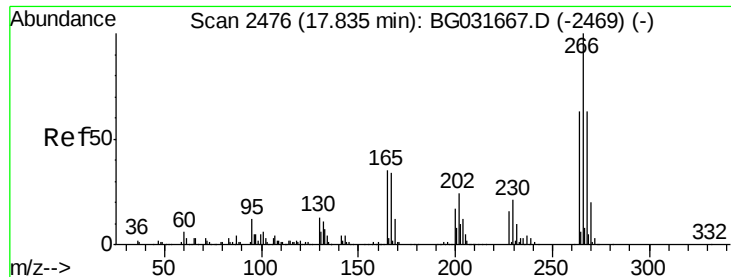
Tgt Ion:284 Resp: 247928
Ion Ratio Lower Upper
284 100
142 23.6 26.8 40.2#
249 32.8 26.3 39.5



#68
Atrazine
Concen: 45.045 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:200 Resp: 231184
Ion Ratio Lower Upper
200 100
173 22.3 5.2 45.2
215 51.9 30.4 70.4

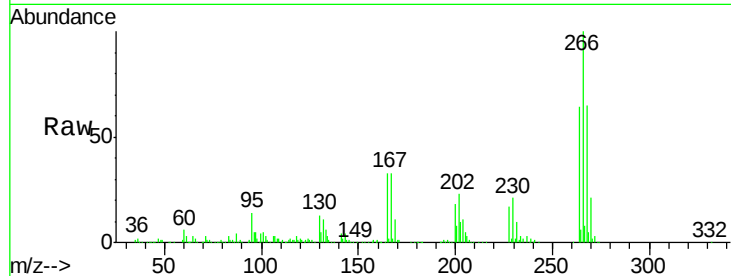




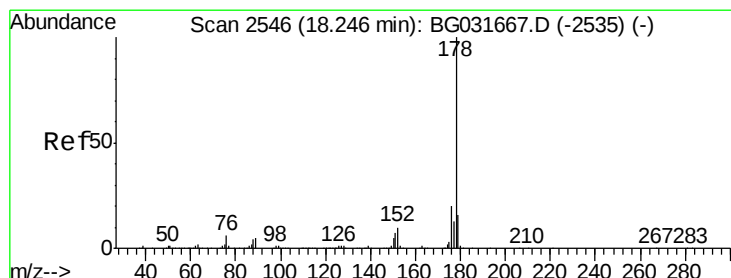
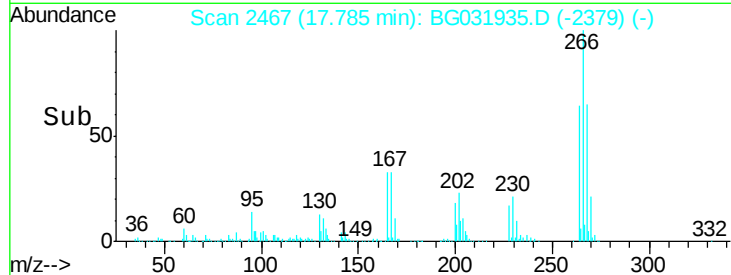
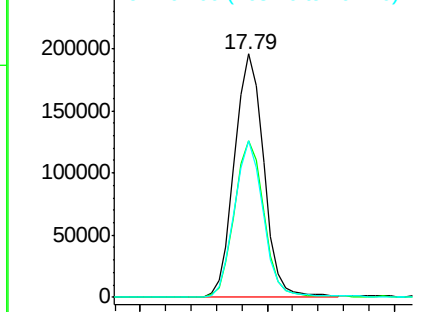
#69
 Pentachlorophenol
 Concen: 77.750 ng
 RT: 17.79 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Tgt Ion:266 Resp: 314170
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 64.4 49.6 74.4

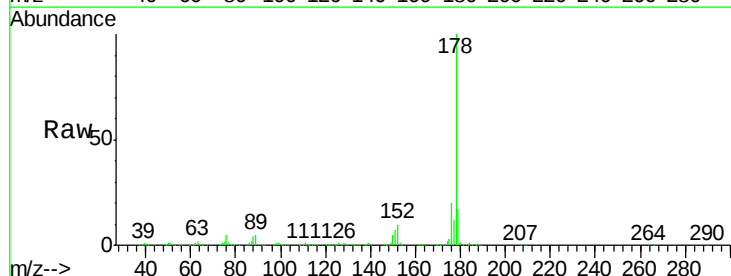


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

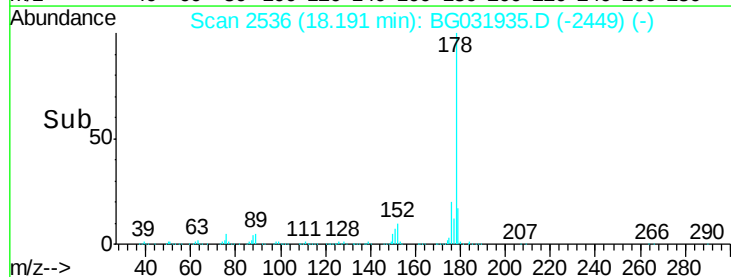
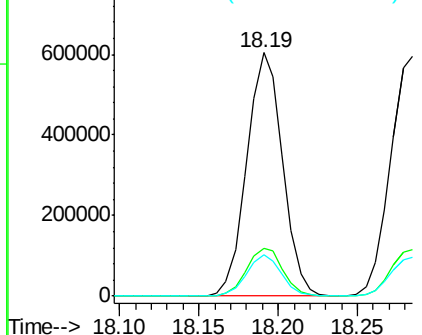


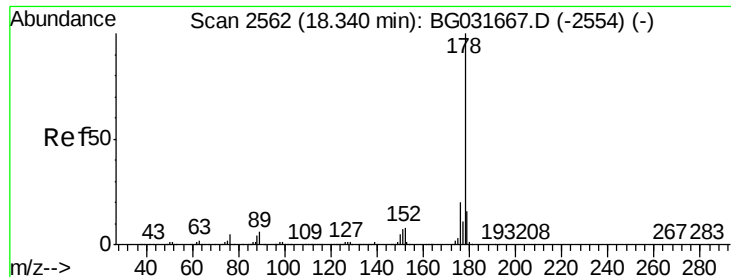
#70
 Phenanthrene
 Concen: 42.158 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:178 Resp: 948161
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 16.9 12.5 18.7



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

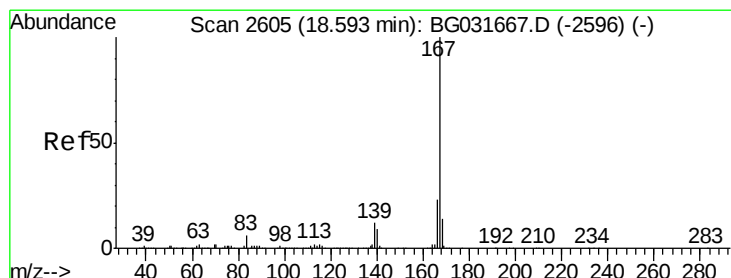
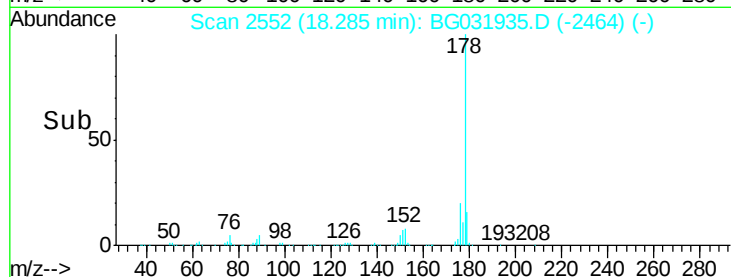
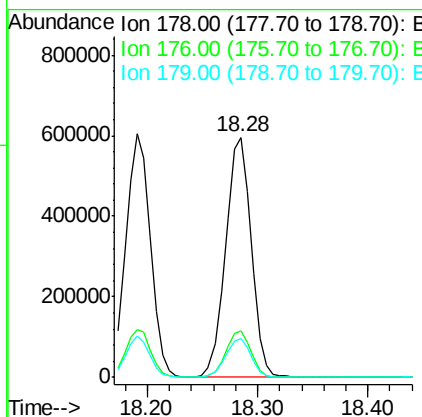
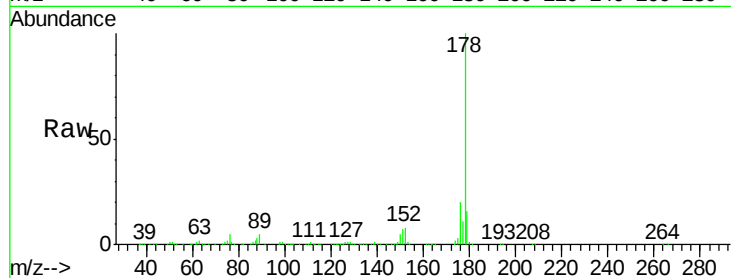




#71
 Anthracene
 Concen: 42.667 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

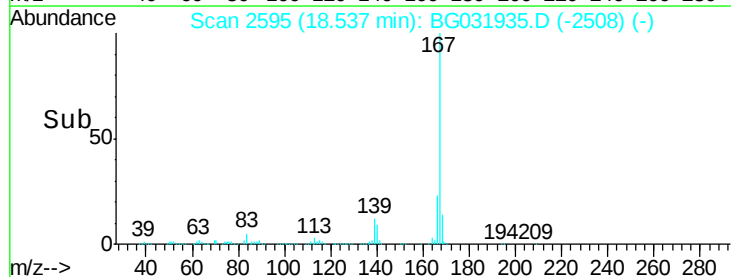
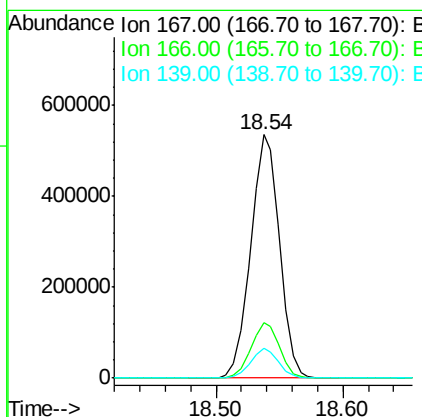
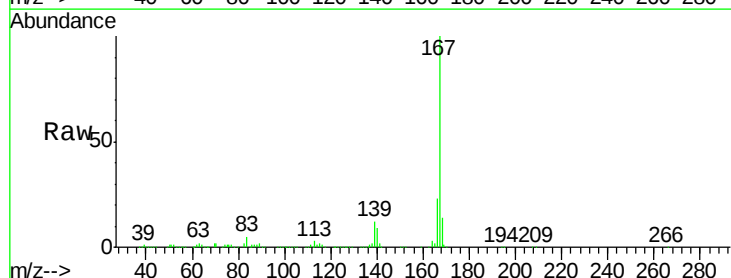
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

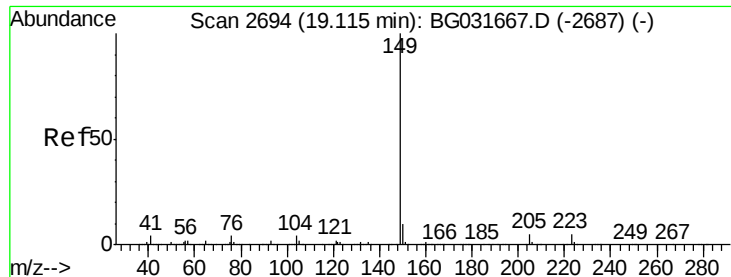
Tgt Ion:178 Resp: 967992
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 42.209 ng
 RT: 18.54 min Scan# 2595
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:167 Resp: 847571
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 12.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.798 ng

RT: 19.05 min Scan# 2682

Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

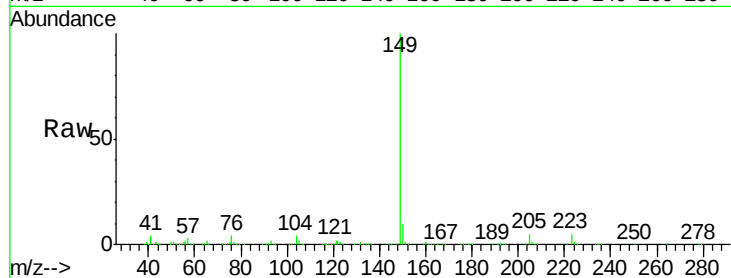
Tgt Ion:149 Resp: 932749

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

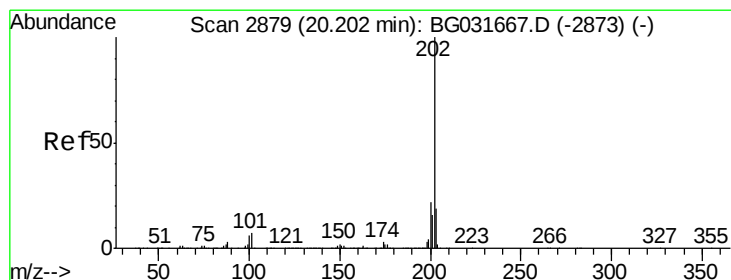
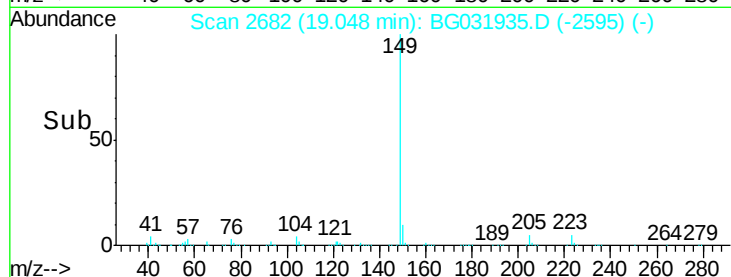
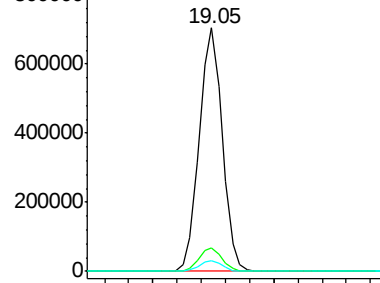
104 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.825 ng

RT: 20.15 min Scan# 2870

Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

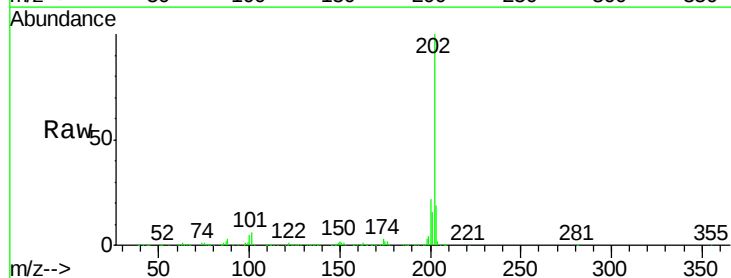
Tgt Ion:202 Resp: 1181804

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

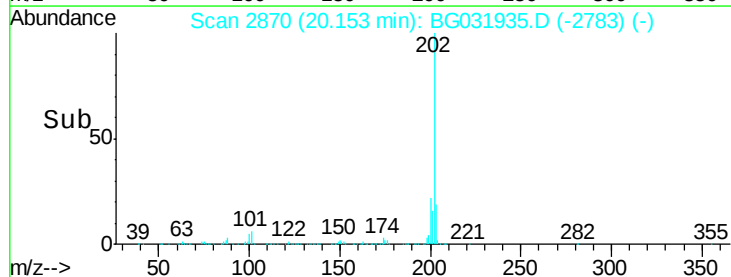
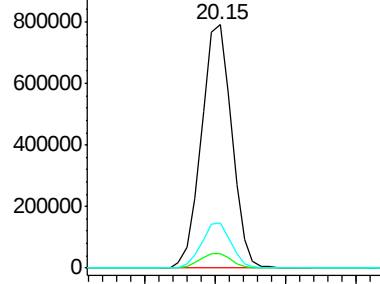
203 18.7 0.0 37.5

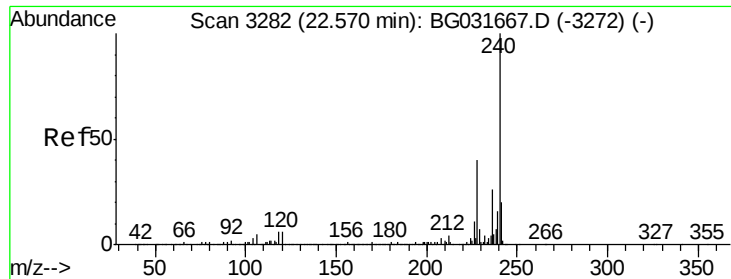


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

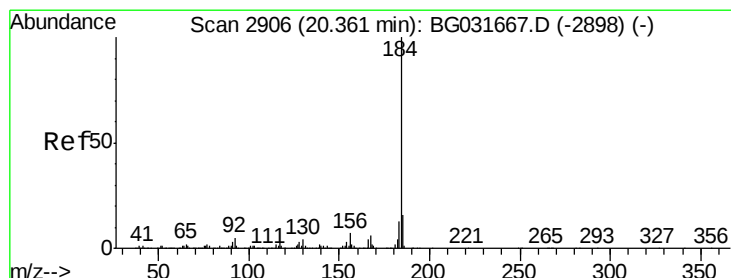
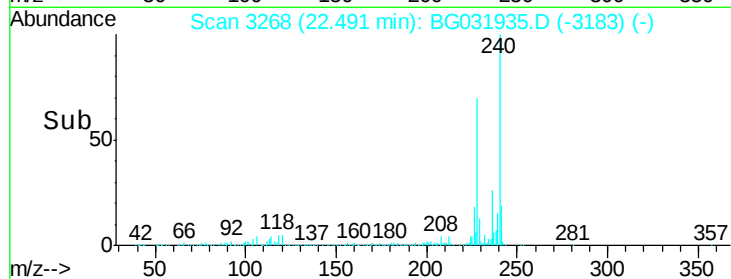
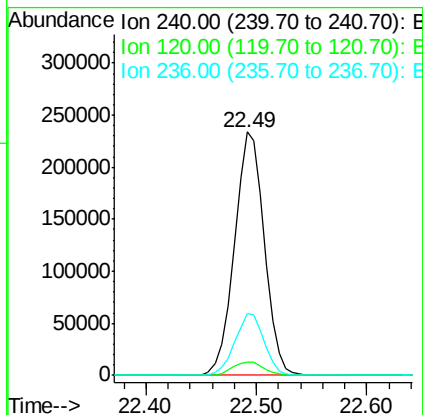
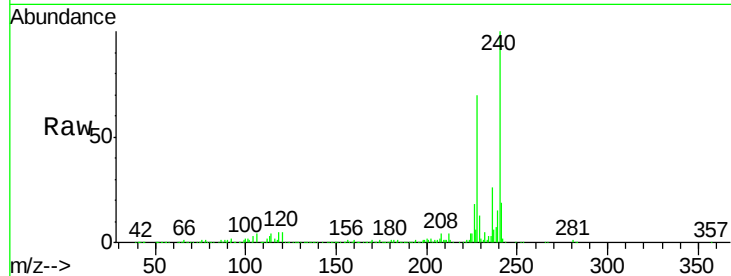




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.03 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

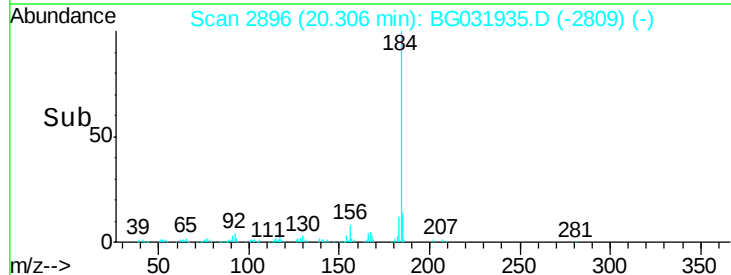
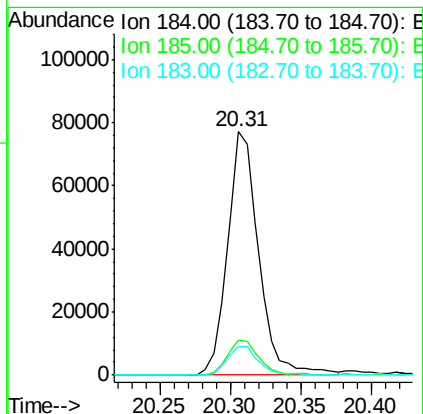
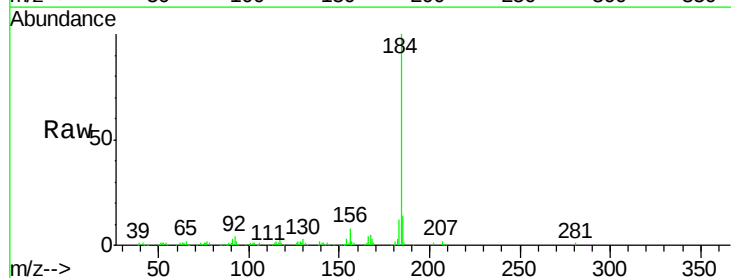
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

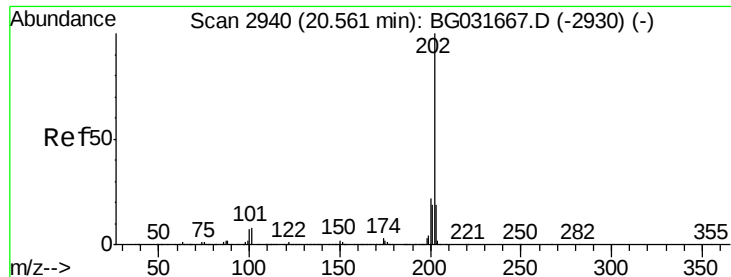
Tgt Ion:240 Resp: 442497
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 25.5 20.9 31.3



#76
 Benzidine
 Concen: 8.648 ng
 RT: 20.31 min Scan# 2896
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:184 Resp: 118109
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.1 16.7
 183 12.0 10.6 16.0



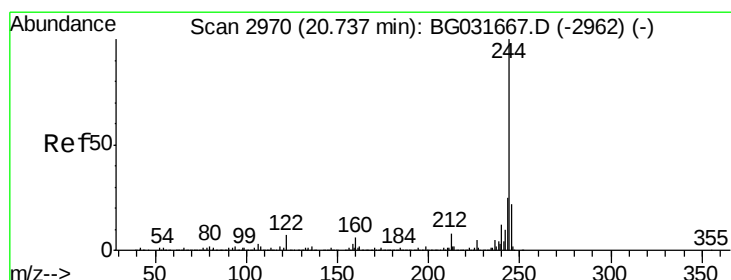
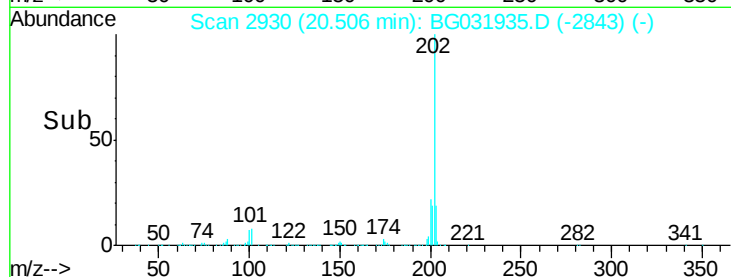
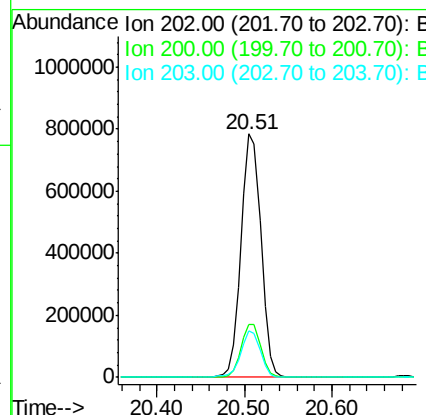
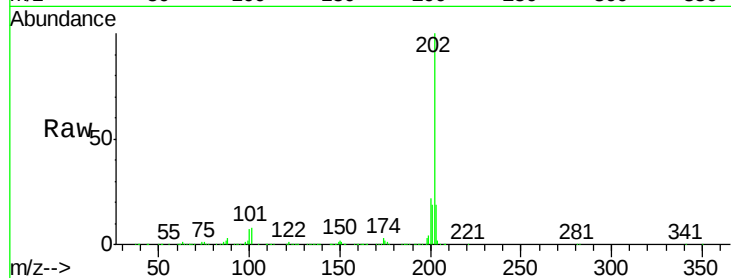


#77
 Pyrene
 Concen: 42.364 ng
 RT: 20.51 min Scan# 2930
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Tgt Ion: 202 Resp: 1197424

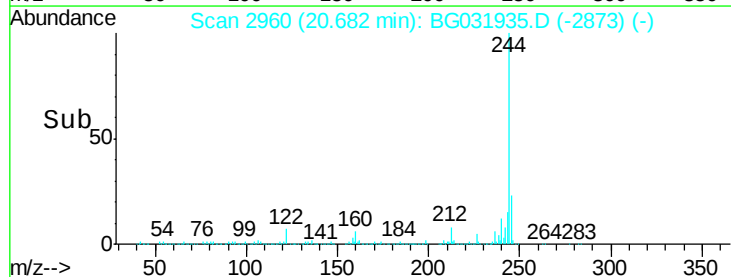
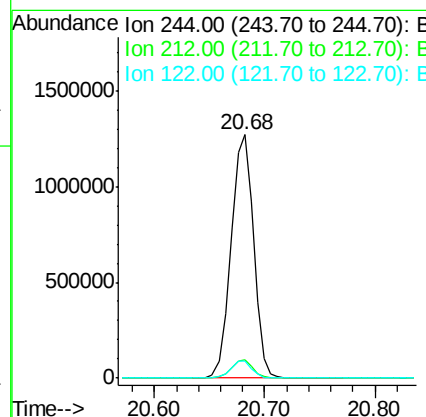
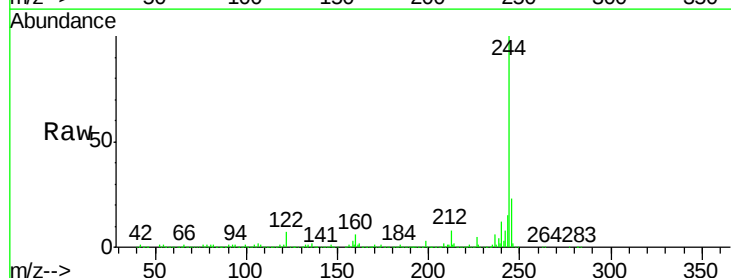
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	19.0	13.9	20.9

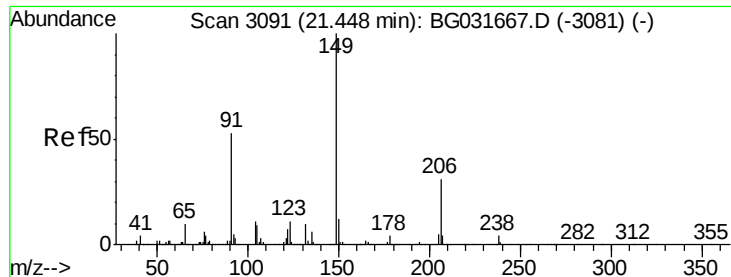


#78
 Terphenyl-d14
 Concen: 93.807 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion: 244 Resp: 1816877

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.0	7.0	10.4

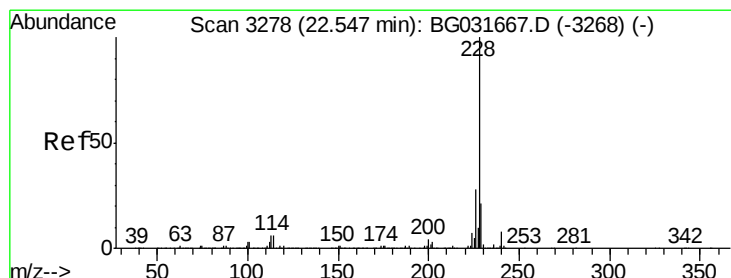
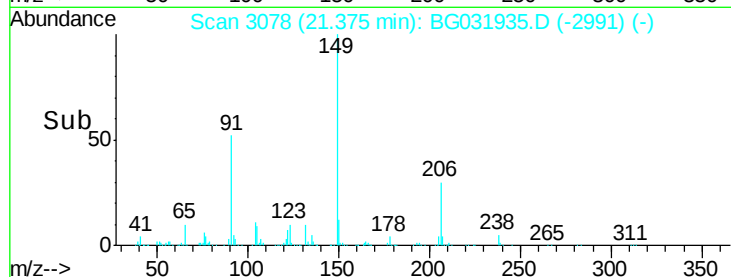
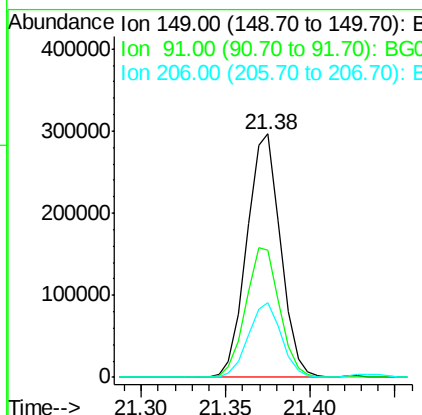
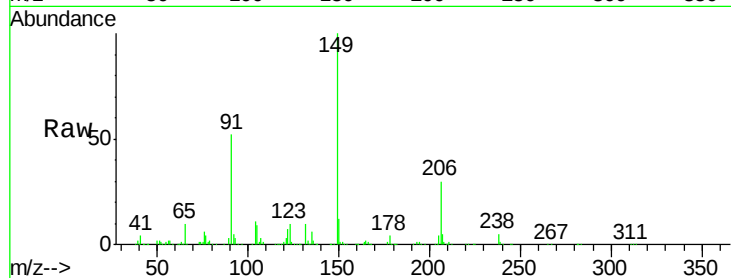




#79
Butylbenzylphthalate
Concen: 43.533 ng
RT: 21.38 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

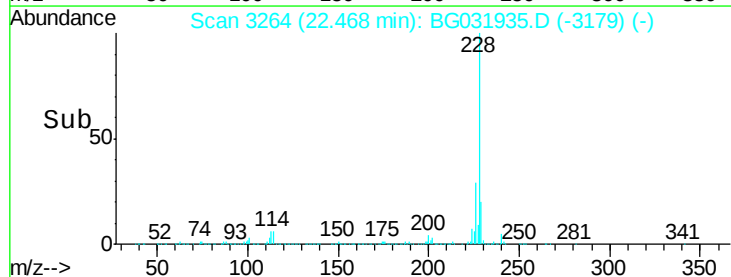
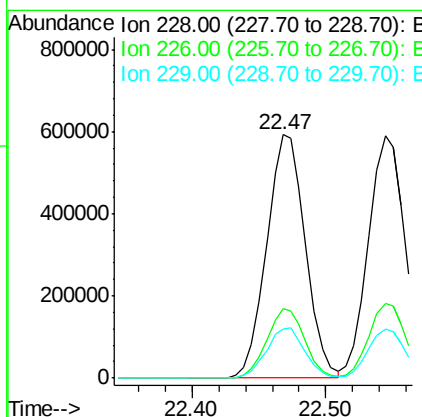
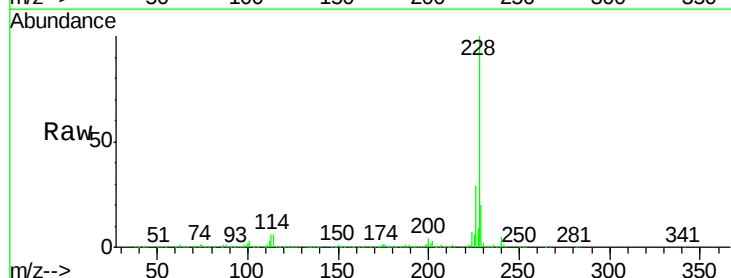
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

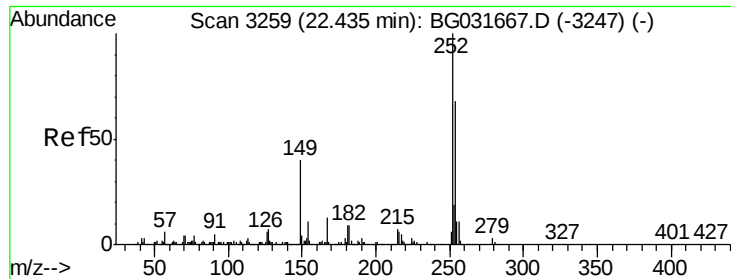
Tgt Ion:149 Resp: 413063
Ion Ratio Lower Upper
149 100
91 52.0 62.2 93.2#
206 30.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.241 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.03 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

Tgt Ion:228 Resp: 1188986
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.4 16.2 24.2

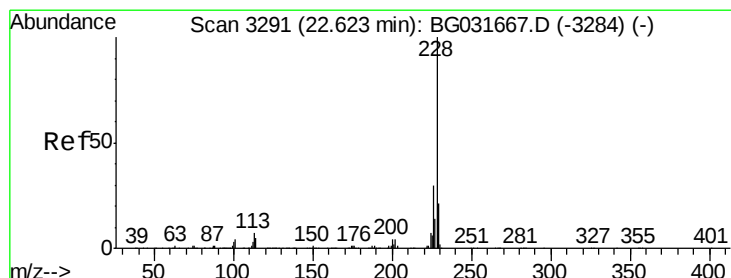
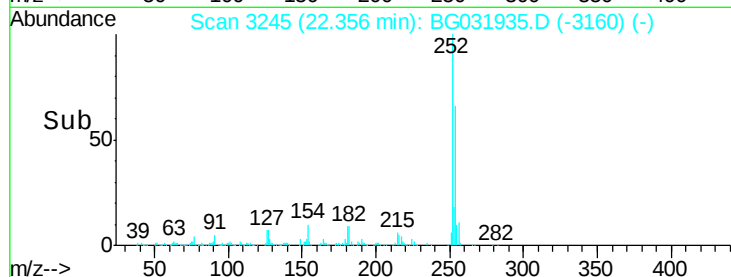
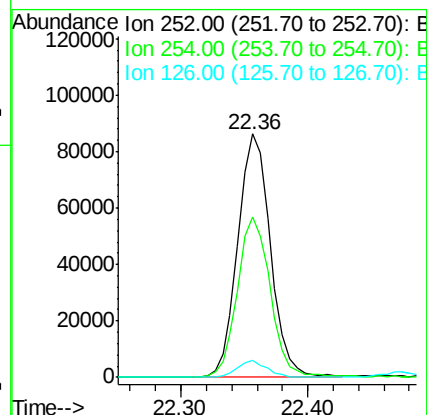
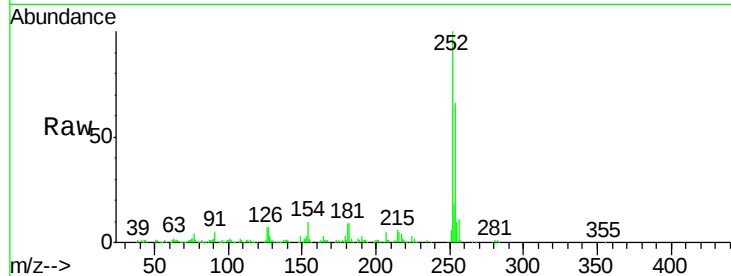




#81
 3,3'-Dichlorobenzidine
 Concen: 14.087 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. -0.03 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

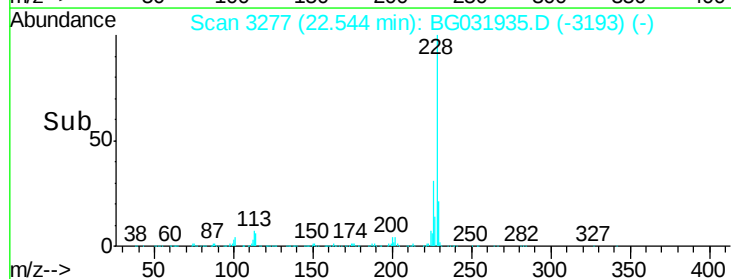
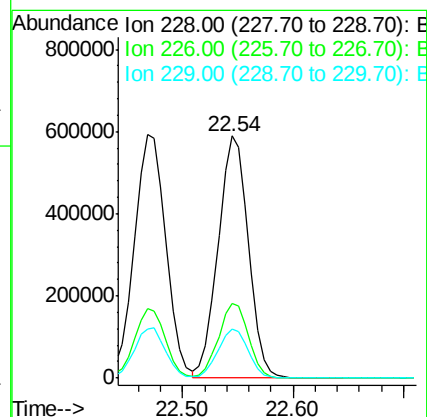
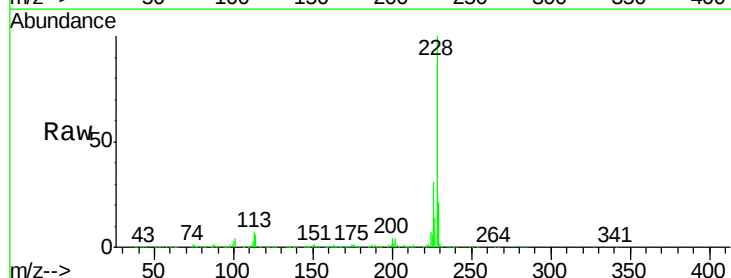
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

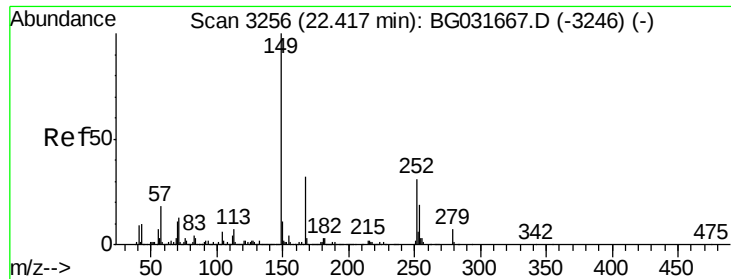
Tgt Ion: 252 Resp: 153740
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 7.2 7.4 11.2#



#82
 Chrysene
 Concen: 41.839 ng
 RT: 22.54 min Scan# 3277
 Delta R.T. -0.03 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion: 228 Resp: 1114273
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.5 15.0 22.4

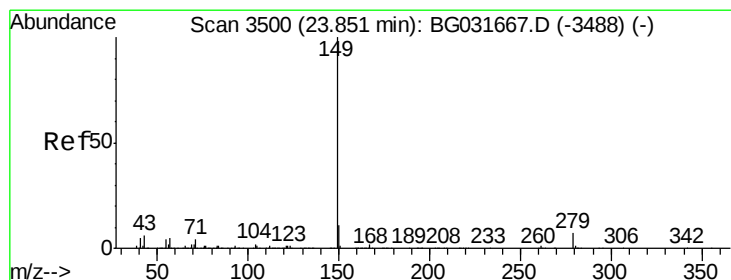
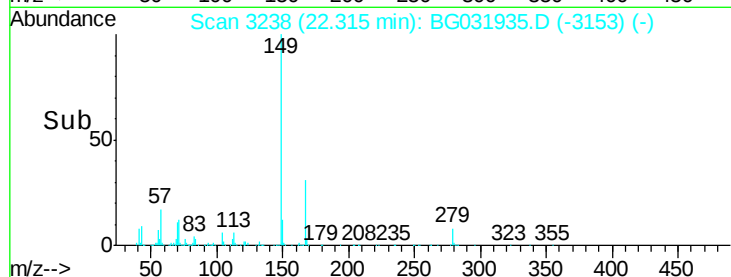
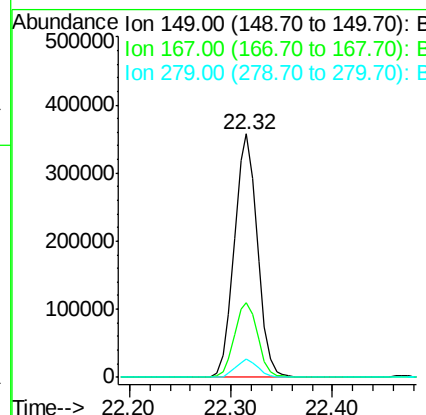
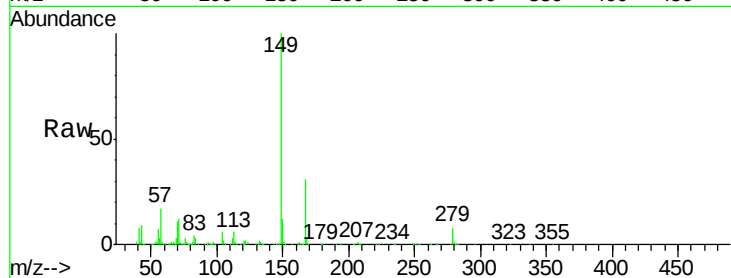




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.865 ng
 RT: 22.32 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

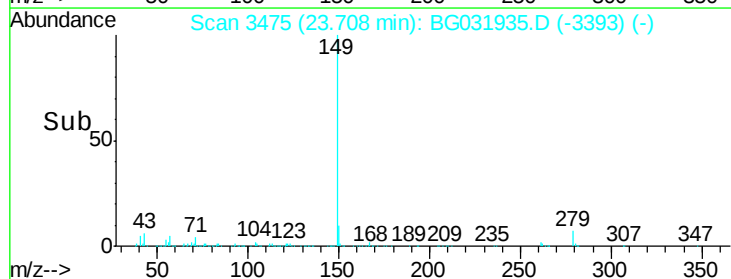
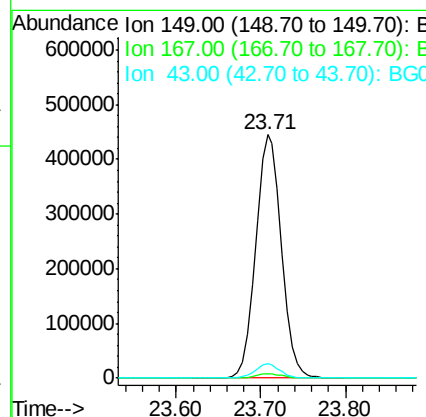
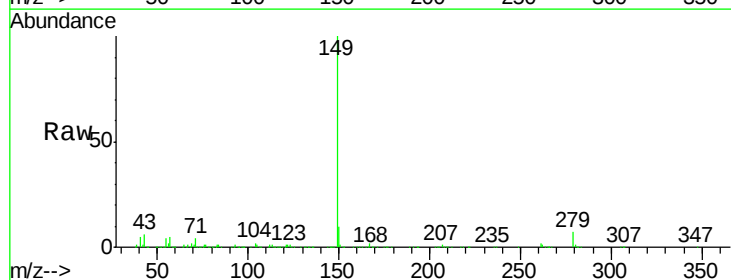
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

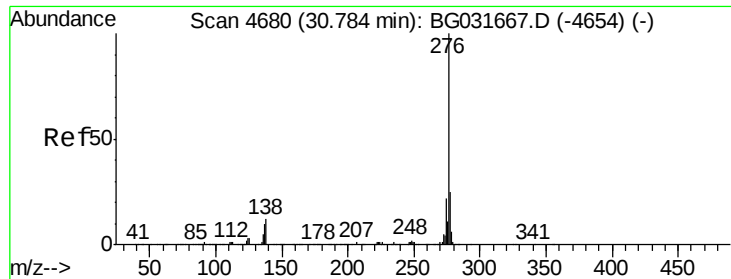
Tgt Ion:149 Resp: 561761
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.3 36.5
 279 7.6 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 40.592 ng
 RT: 23.71 min Scan# 3475
 Delta R.T. -0.05 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:149 Resp: 939782
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.5 8.9 13.3#

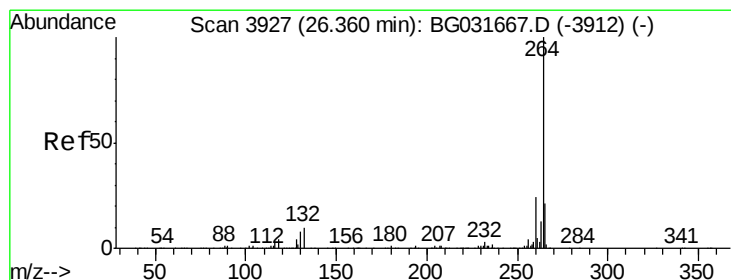
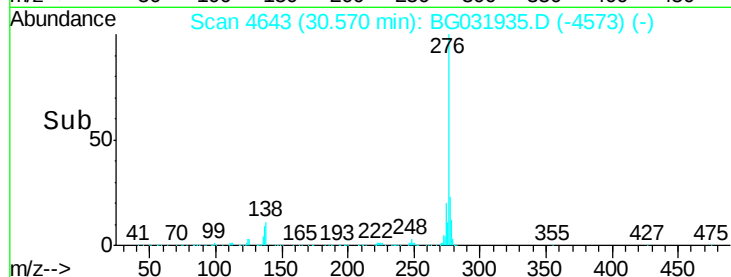
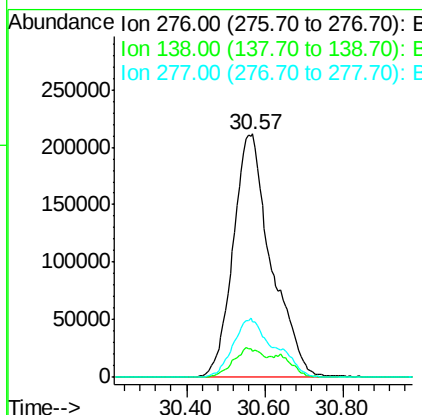
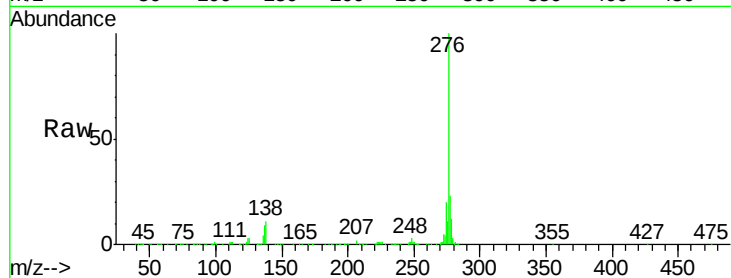




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.891 ng
 RT: 30.57 min Scan# 4643
 Delta R.T. -0.12 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

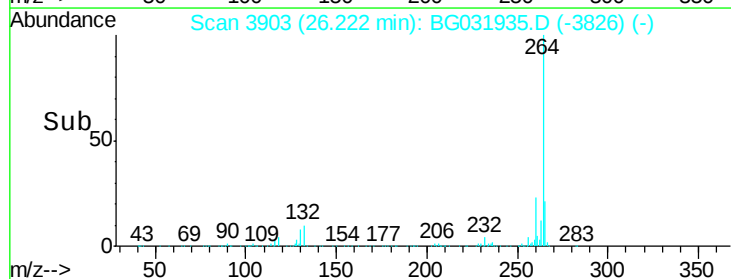
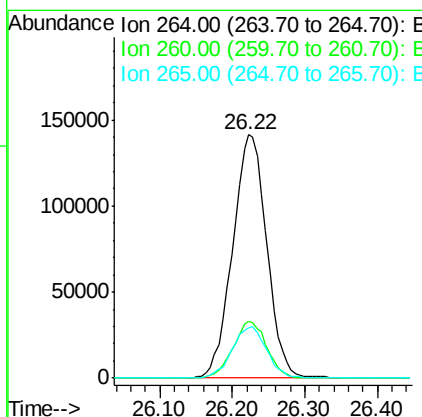
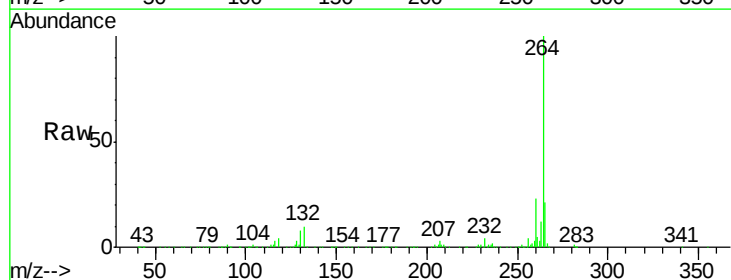
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

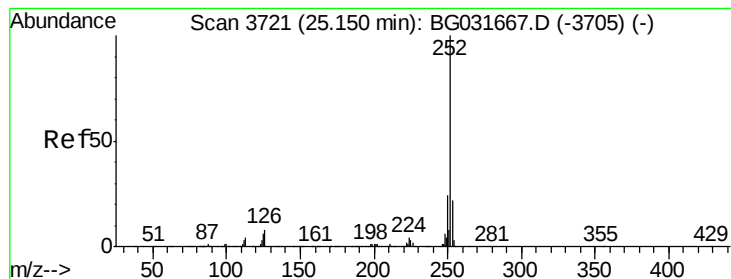
Tgt Ion:276 Resp: 1431302
 Ion Ratio Lower Upper
 276 100
 138 10.2 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.08 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:264 Resp: 460533
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 20.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.539 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.05 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

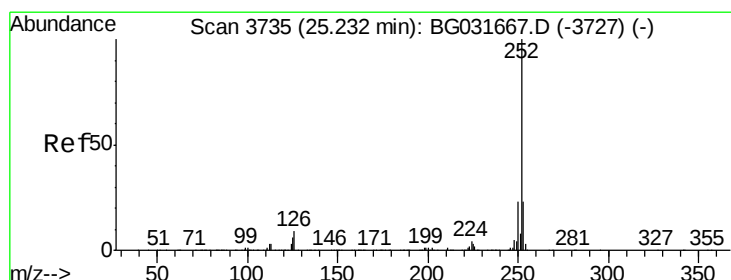
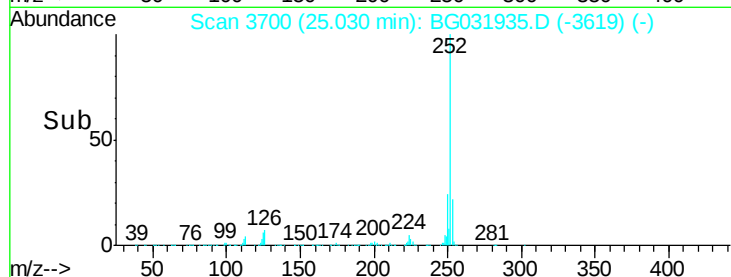
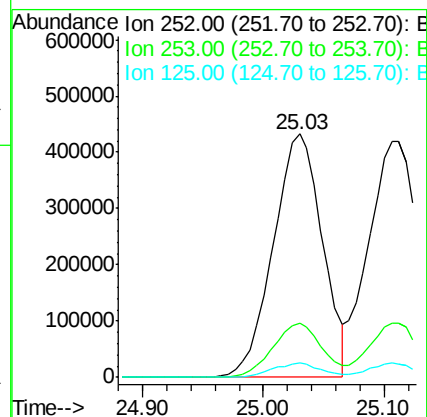
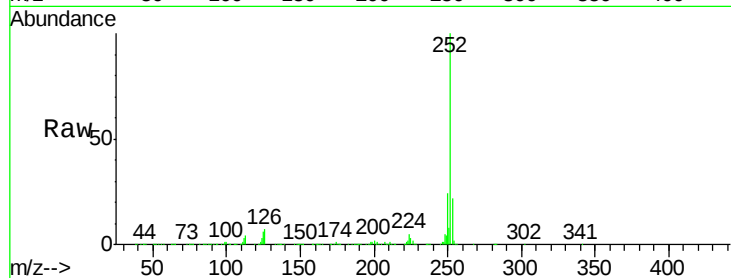
Tgt Ion:252 Resp: 1216054

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

125 6.0 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 42.047 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

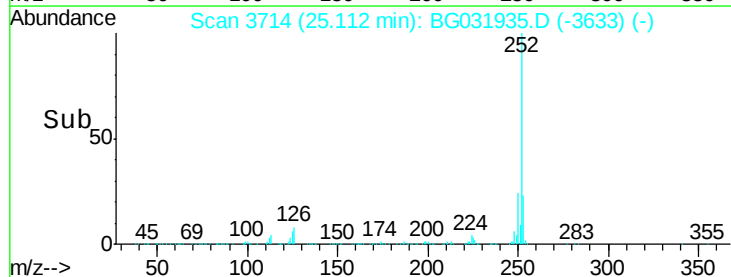
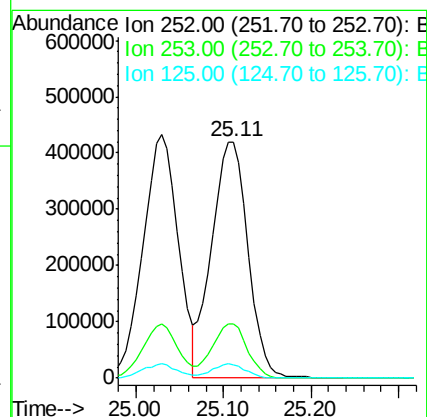
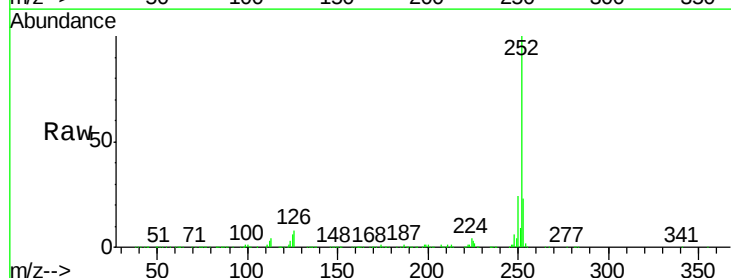
Tgt Ion:252 Resp: 1202929

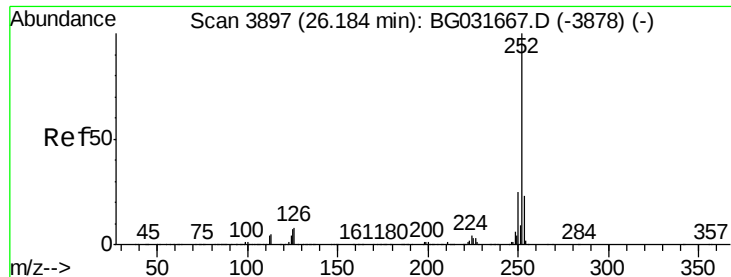
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 43.046 ng

RT: 26.05 min Scan# 3874

Delta R.T. -0.06 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-AMS

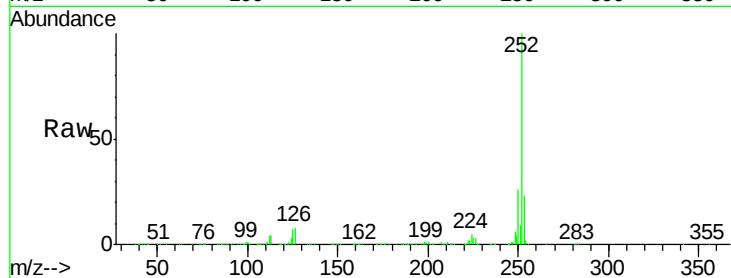
Tgt Ion:252 Resp: 1178539

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

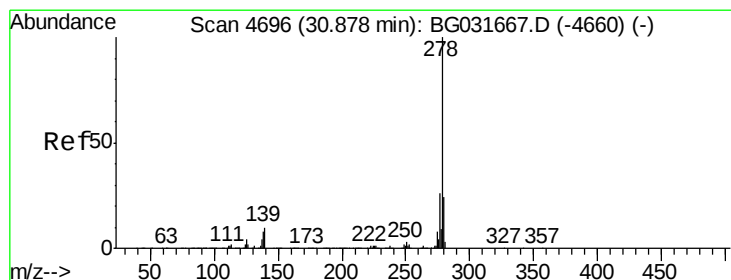
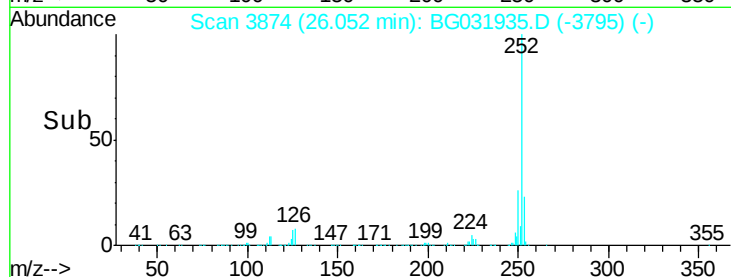
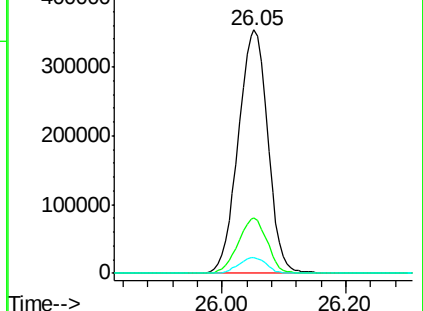
125 6.7 7.3 10.9#



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: 41.991 ng

RT: 30.64 min Scan# 4655

Delta R.T. -0.13 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

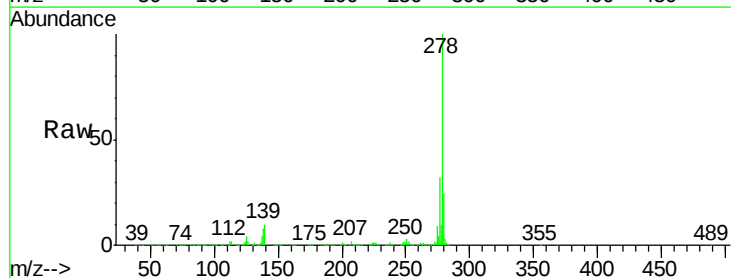
Tgt Ion:278 Resp: 1187354

Ion Ratio Lower Upper

278 100

139 9.6 9.8 14.6#

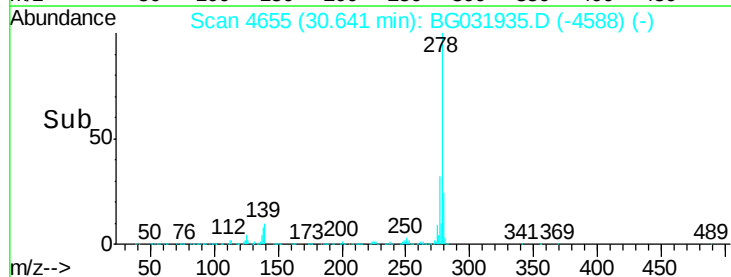
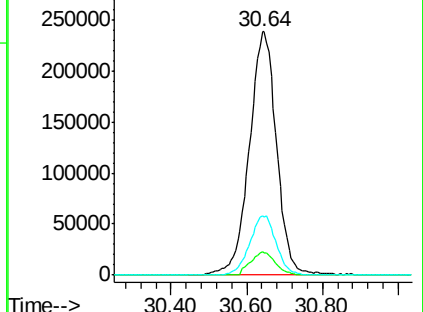
279 24.2 18.4 27.6

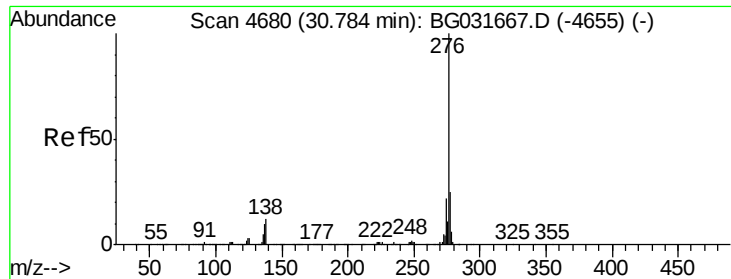


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.873 ng
 RT: 30.57 min Scan# 4643
 Delta R.T. -0.12 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

Tgt Ion: 276 Resp: 1431302
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.3 27.5
 138 10.7 13.9 20.9#

