

Data Path : U:\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

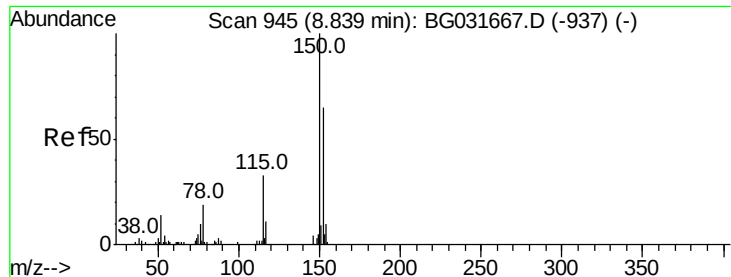
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 Response via : Initial Calibration

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

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

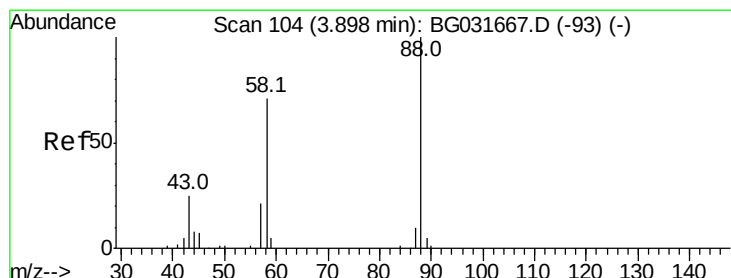
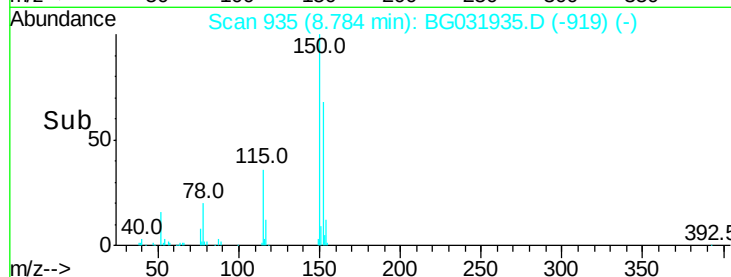
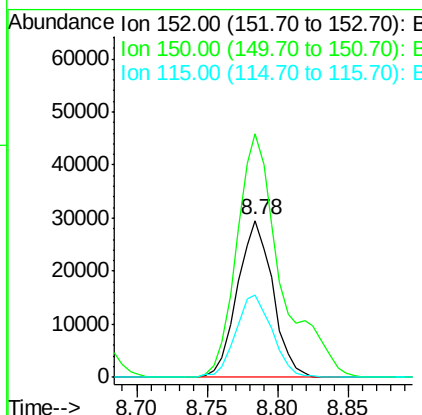
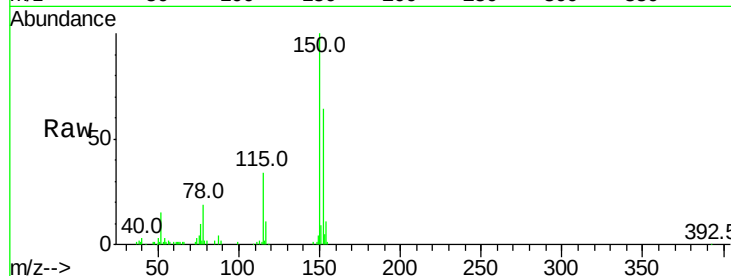


#1

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

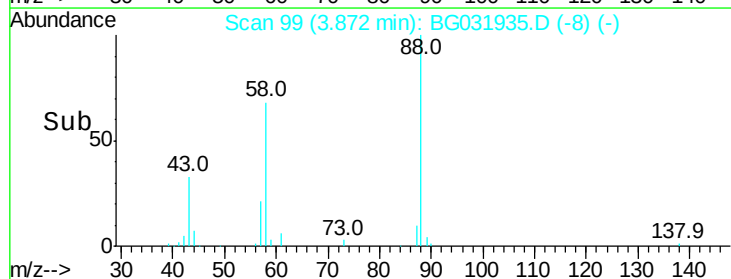
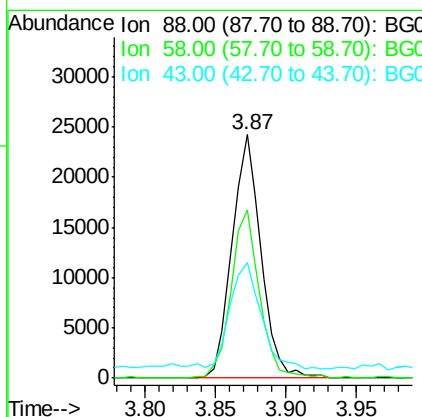
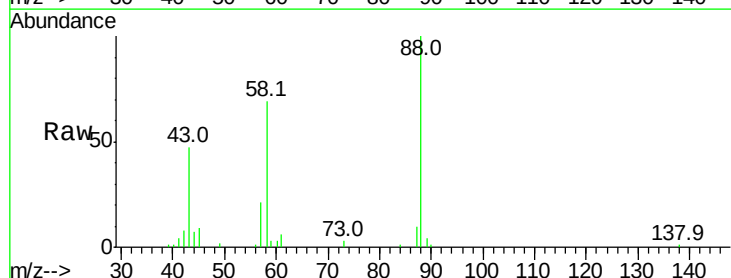
Tot Ion:152 Resp: 51979
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 52.9 53.0 79.4#

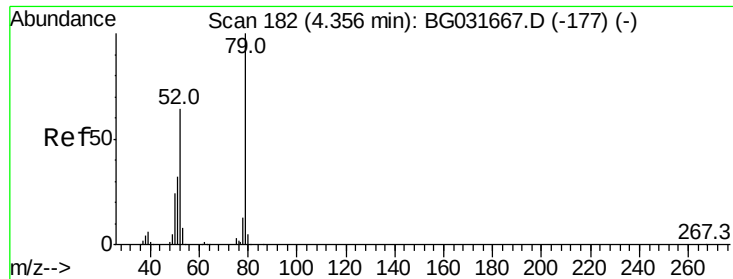


#2

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

Pvridine

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

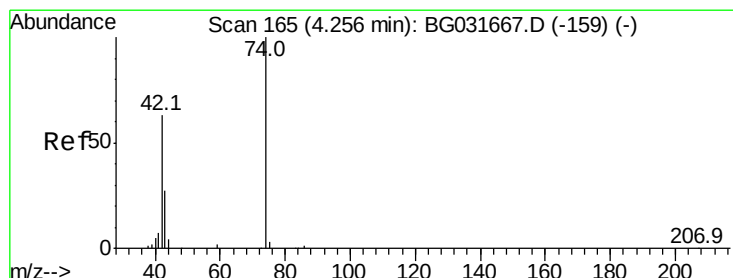
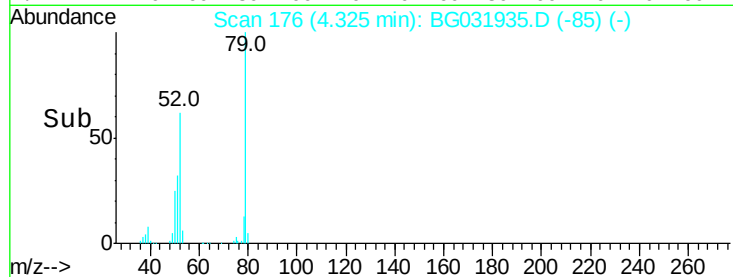
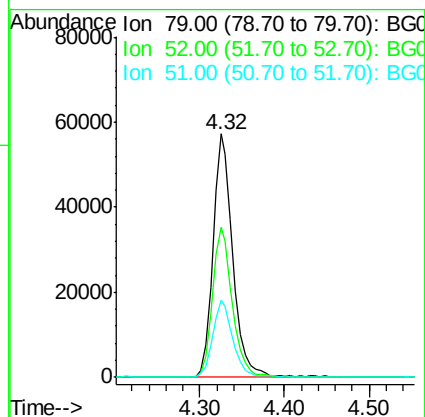
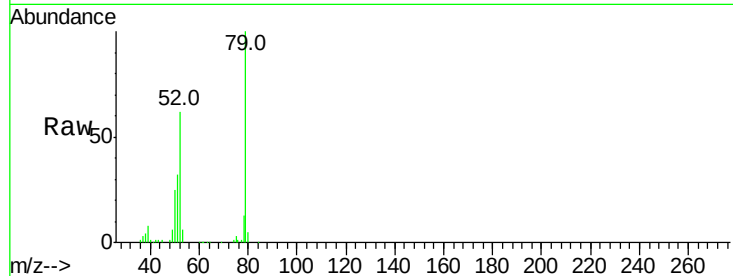
Tot Ion: 79 Resp: 94501

Ion Ratio Lower Upper

79 100

52 61.8 69.9 104.9#

51 31.6 34.0 51.0#



#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

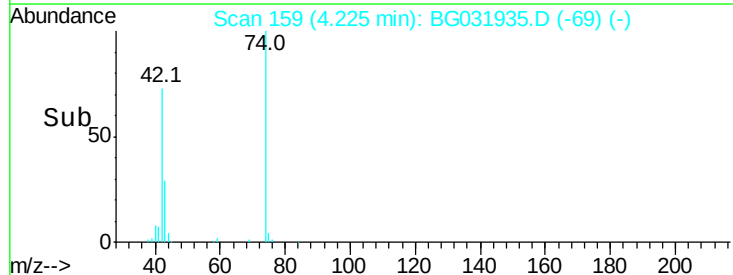
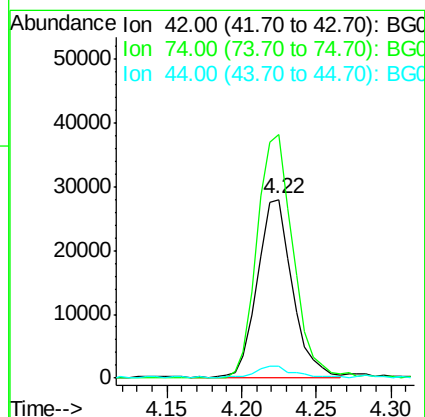
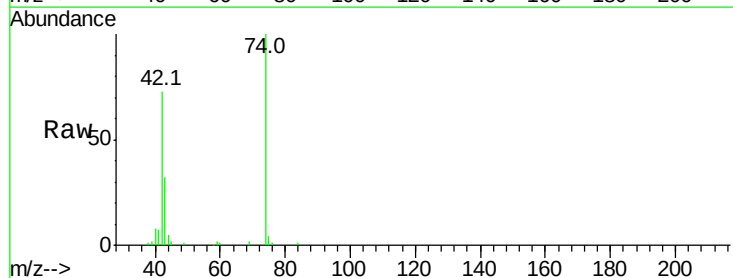
Tgt Ion: 42 Resp: 45630

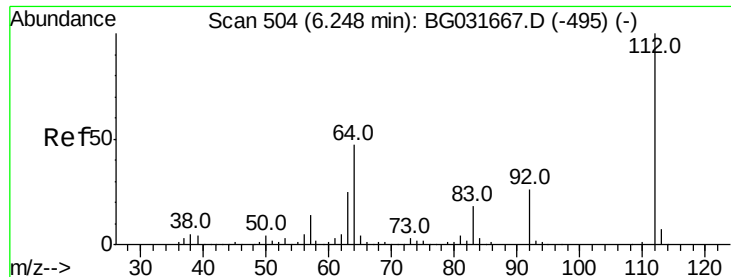
Ion Ratio Lower Upper

42 100

74 136.3 102.5 153.7

44 6.8 18.9 28.3#





#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

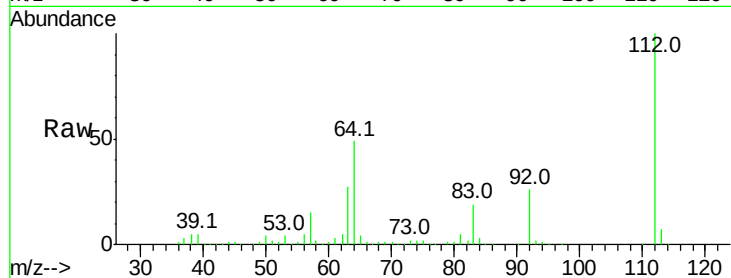
Tot Ion:112 Resp: 353640

Ion Ratio Lower Upper

112 100

64 48.5 56.3 84.5#

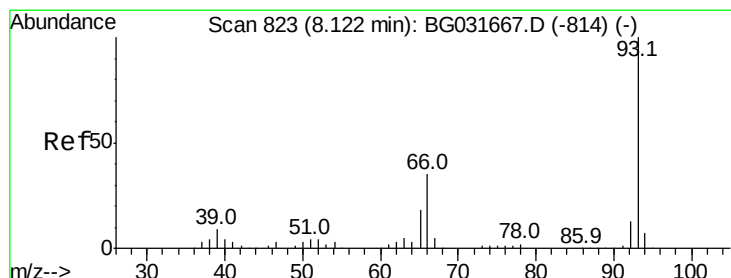
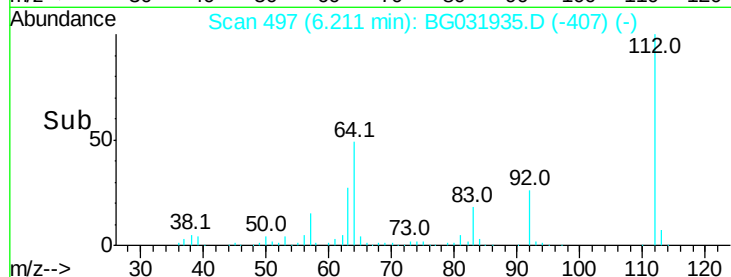
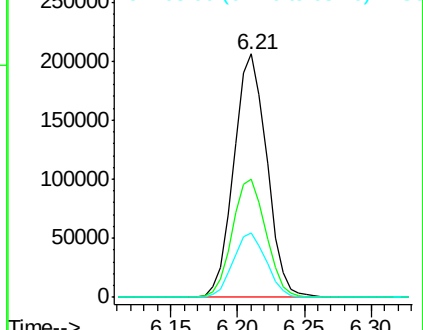
63 26.7 30.1 45.1#



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

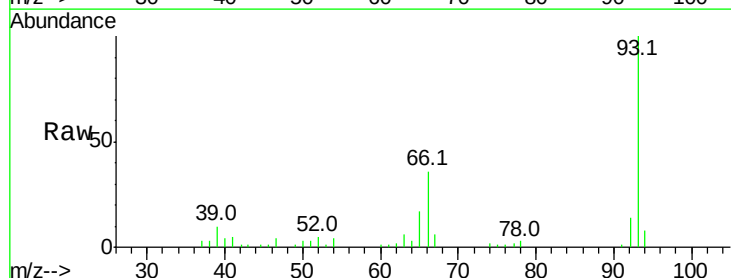
Tgt Ion: 93 Resp: 52006

Ion Ratio Lower Upper

93 100

66 35.8 33.7 50.5

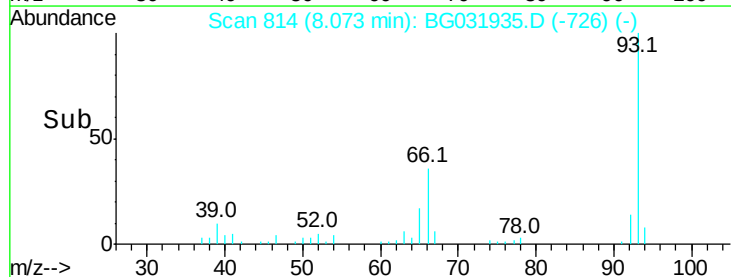
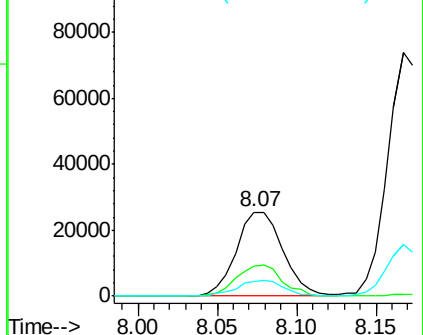
65 17.2 16.1 24.1

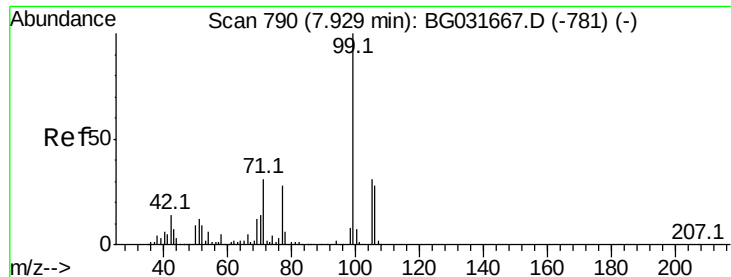


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

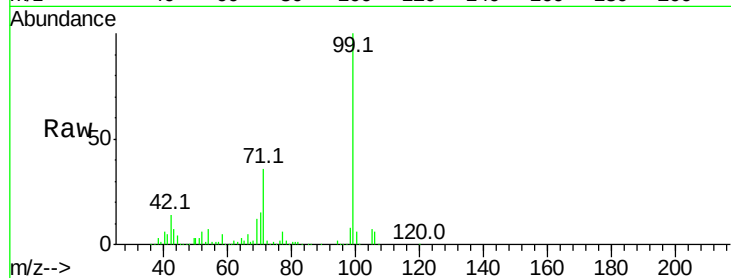
Tot Ion: 99 Resp: 415503

Ion Ratio Lower Upper

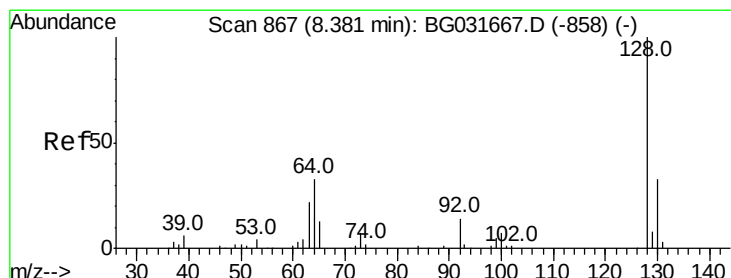
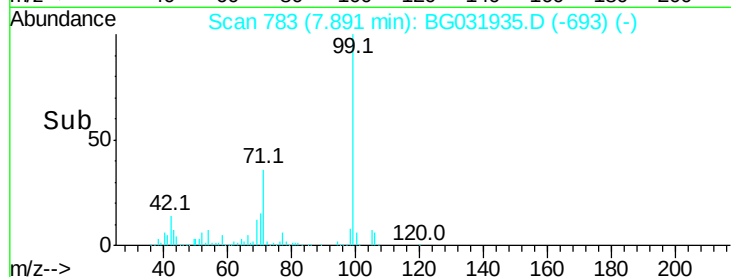
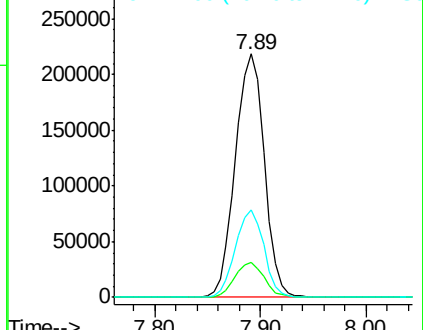
99 100

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

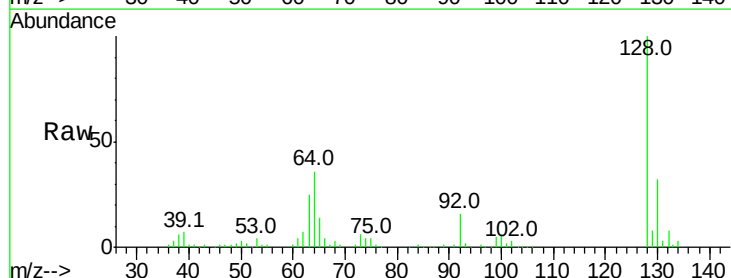
Tgt Ion:128 Resp: 148853

Ion Ratio Lower Upper

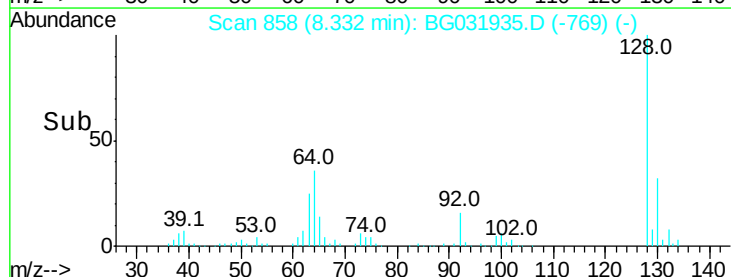
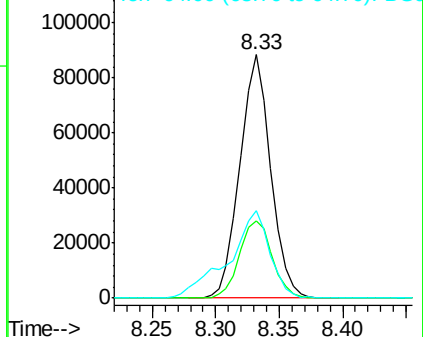
128 100

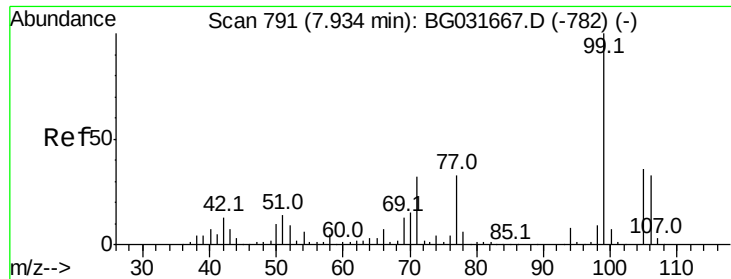
130 31.6 14.0 54.0

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

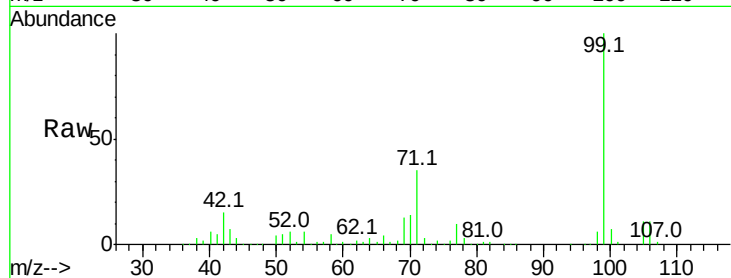
Tot Ion: 77 Resp: 31806

Ion Ratio Lower Upper

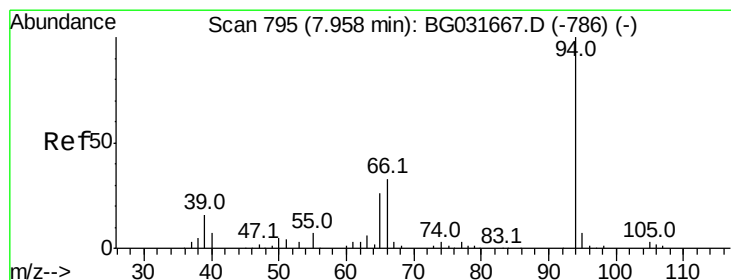
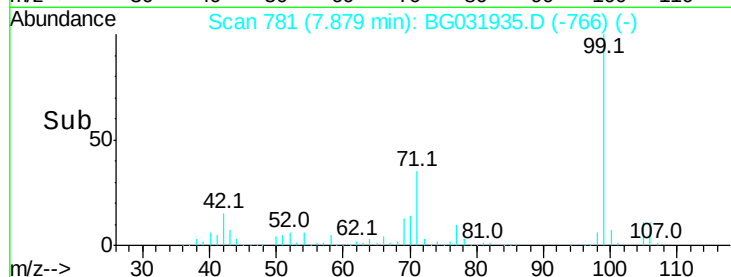
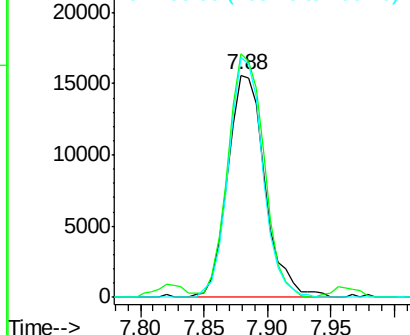
77 100

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

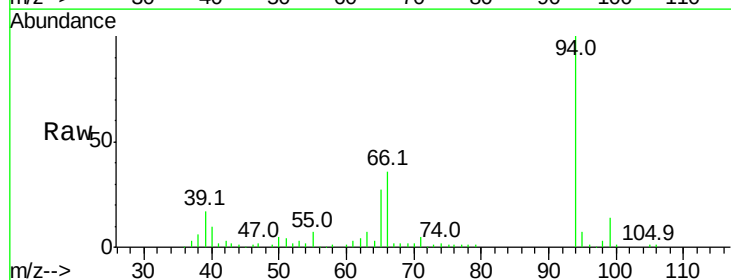
Tgt Ion: 94 Resp: 139091

Ion Ratio Lower Upper

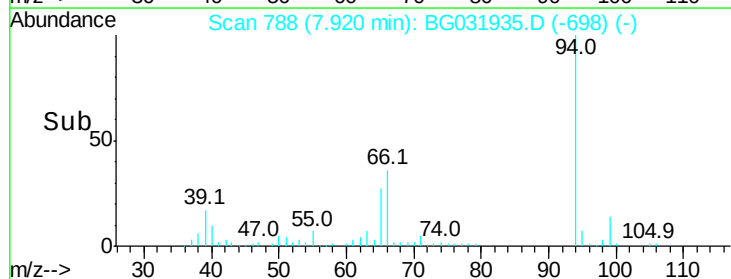
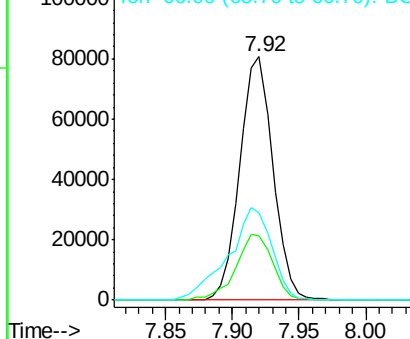
94 100

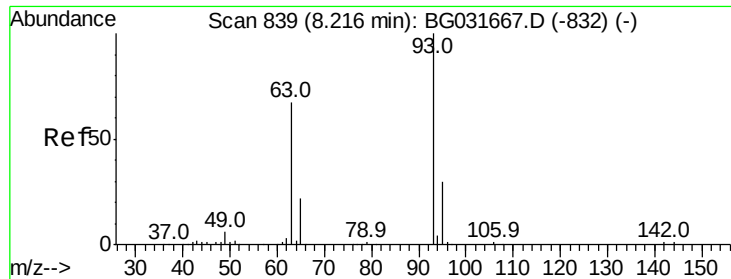
65 26.5 11.9 51.9

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

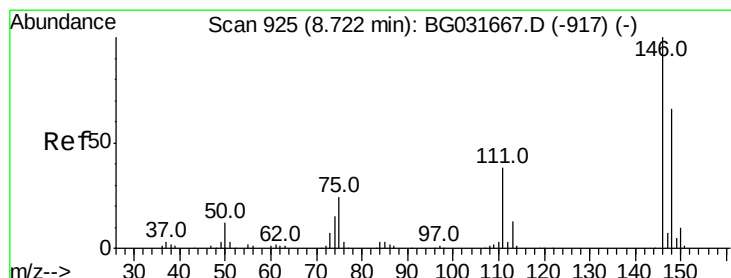
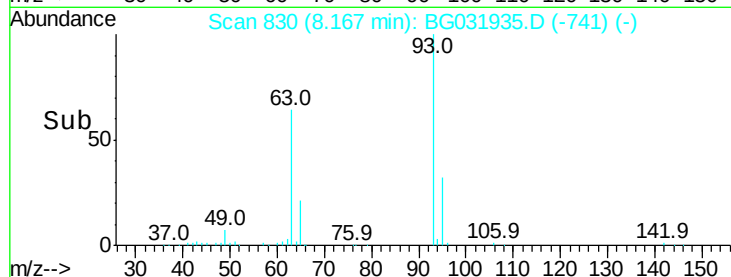
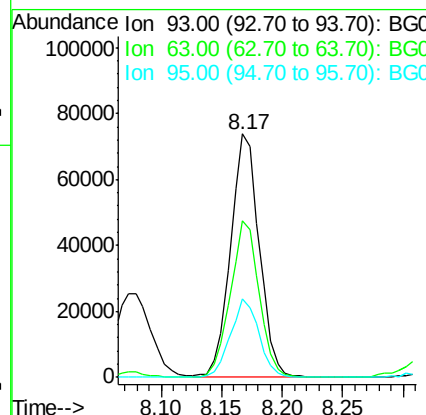
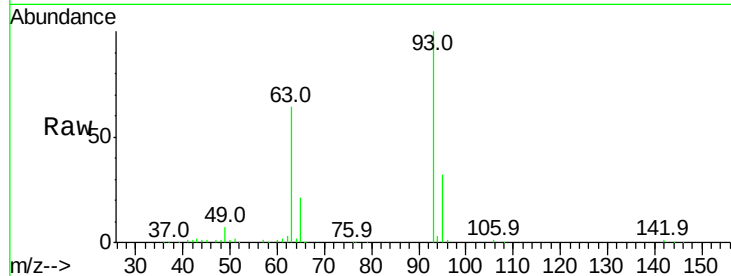




#11
bis(2-Chloroethyl)ether
Concen: 39.283 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

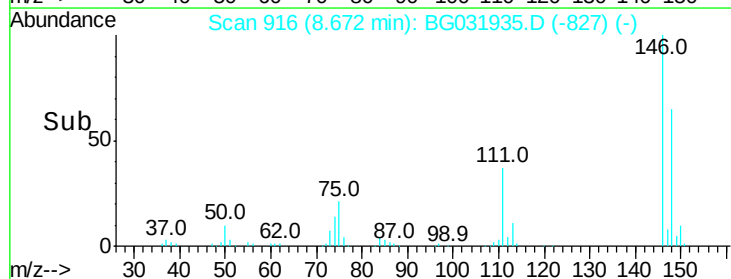
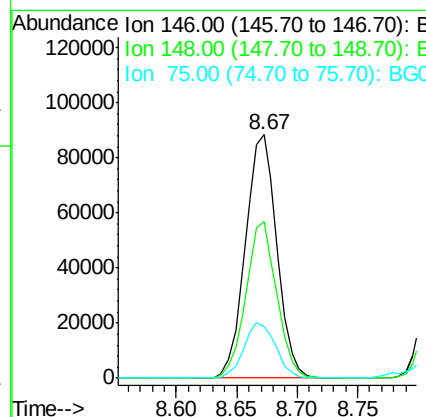
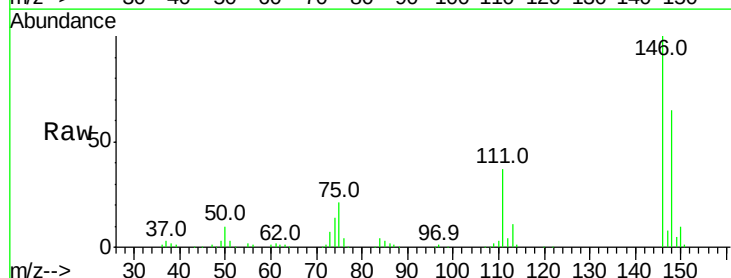
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

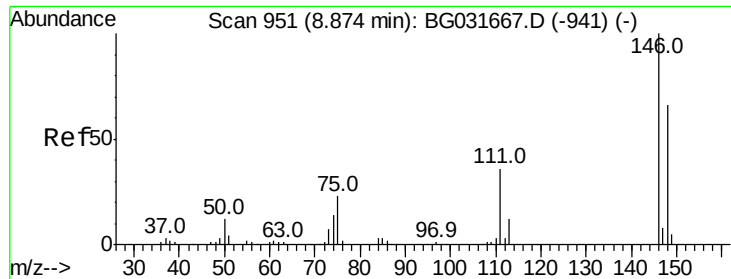
Tot Ion: 93 Resp: 122041
Ion Ratio Lower Upper
93 100
63 64.1 67.1 107.1#
95 32.2 11.5 51.5



#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

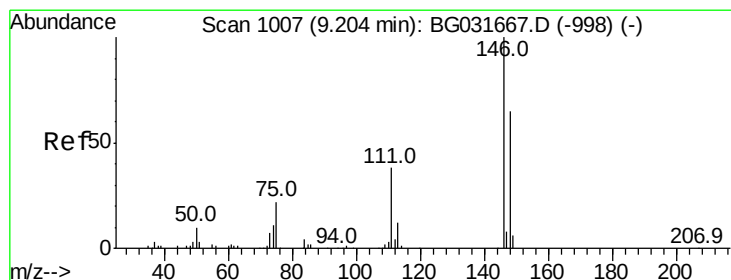
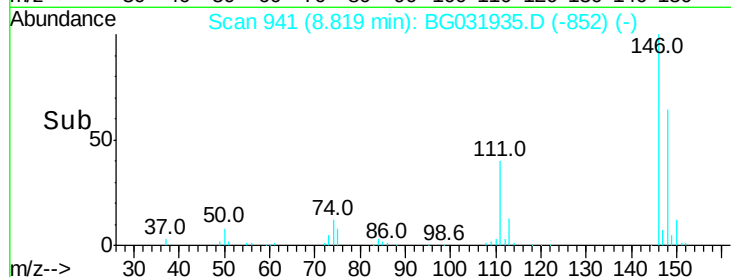
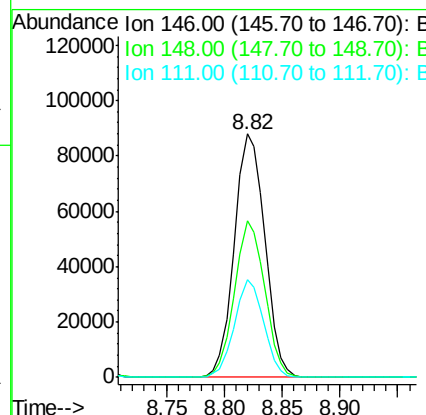
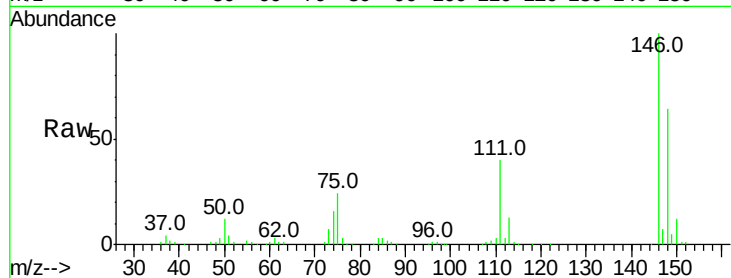
Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

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

Tot 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

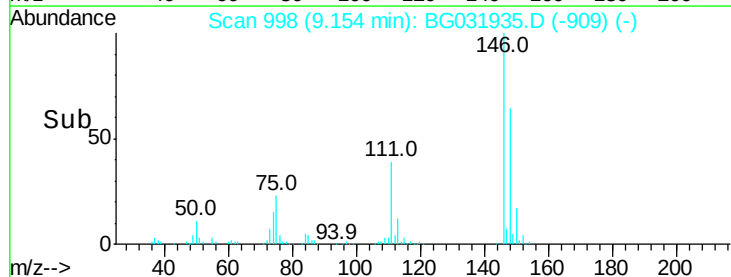
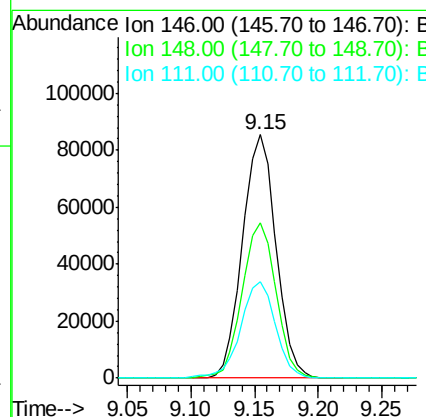
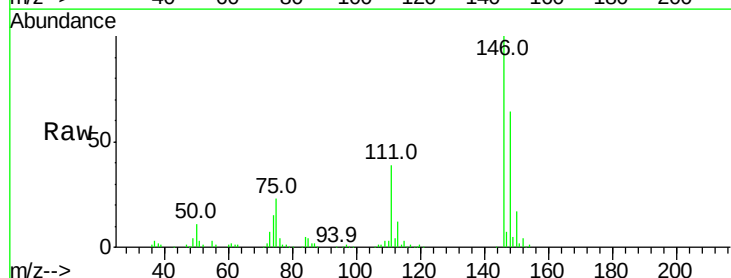
Delta R.T. -0.00 min

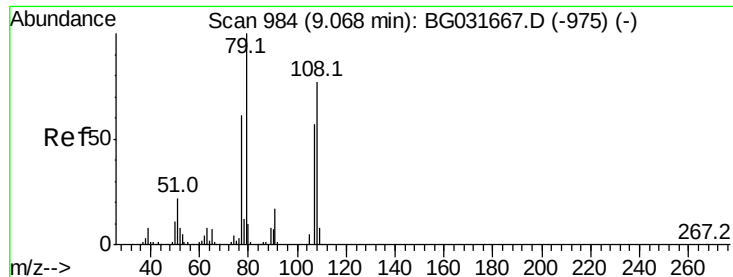
Lab File: BG031935.D

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

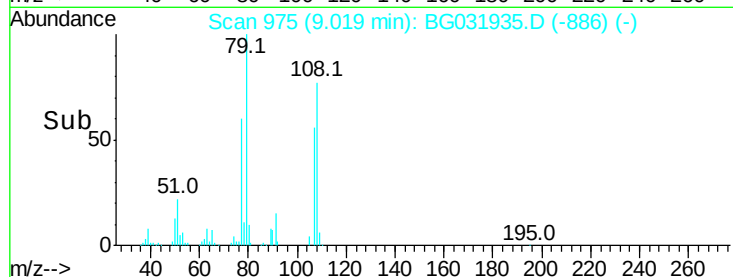
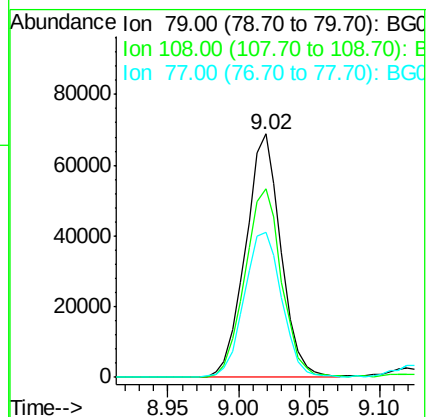
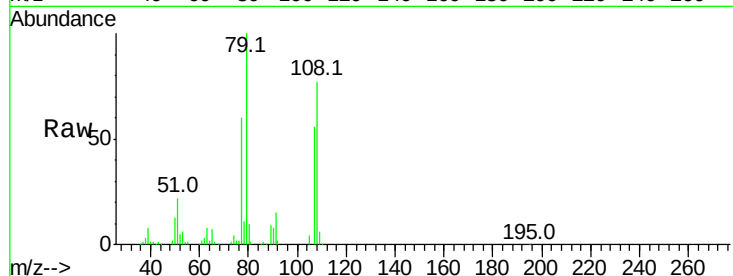
Tot Ion: 79 Resp: 121064

Ion Ratio Lower Upper

79 100

108 77.4 57.2 85.8

77 59.8 46.1 69.1



#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

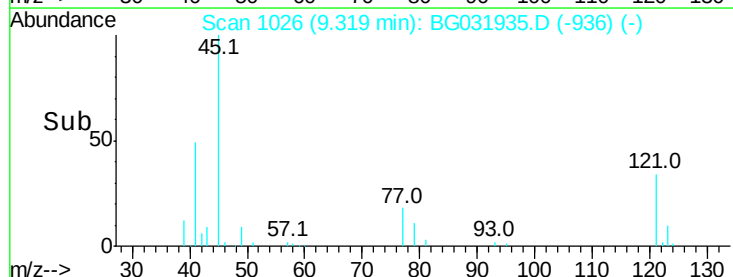
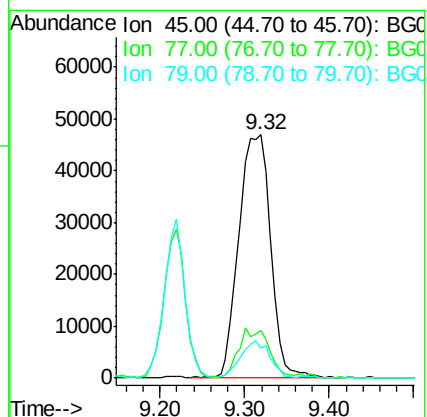
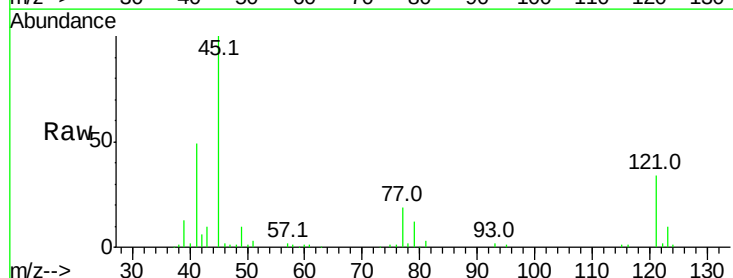
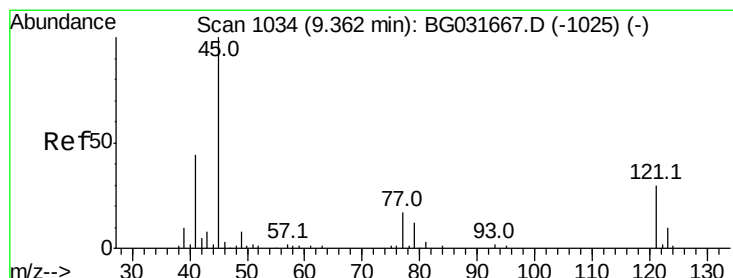
Tgt Ion: 45 Resp: 122580

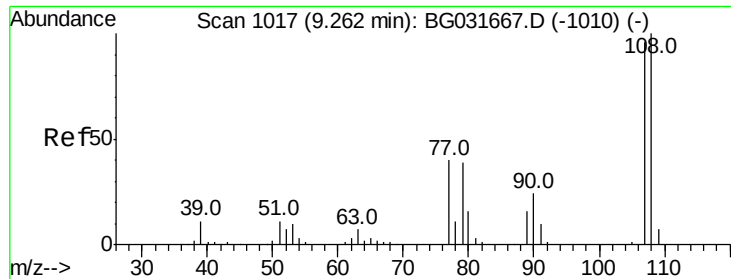
Ion Ratio Lower Upper

45 100

77 19.5 0.0 30.2

79 12.2 0.0 27.9

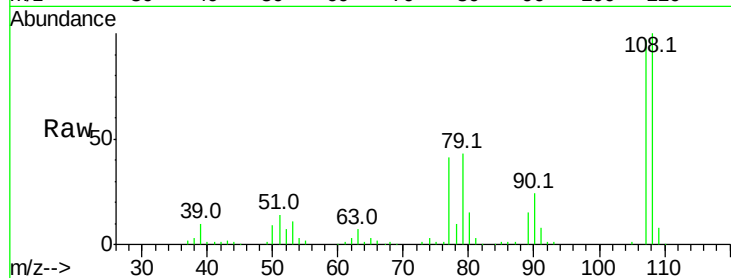




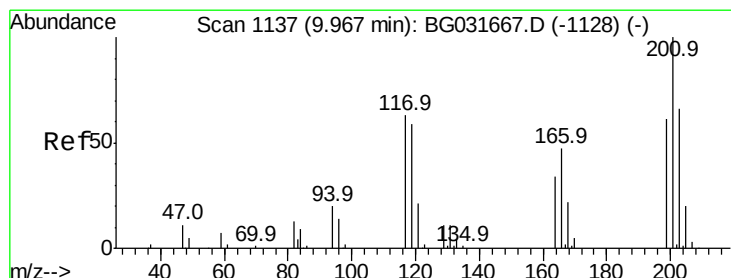
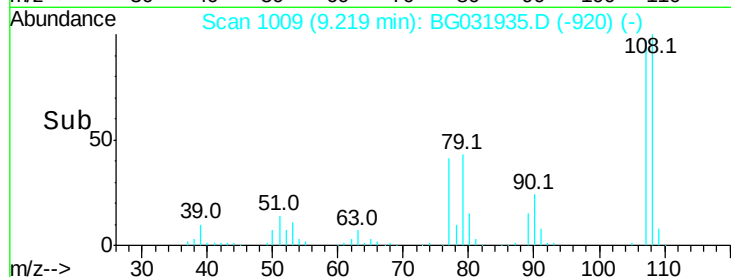
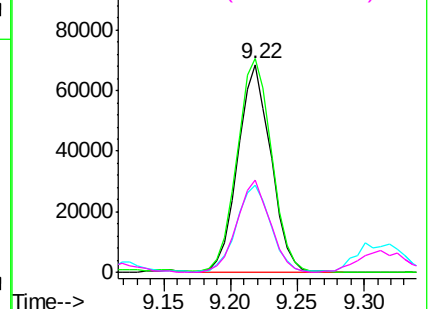
#17
2-Methylphenol
Concen: 44.122 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

Tot 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

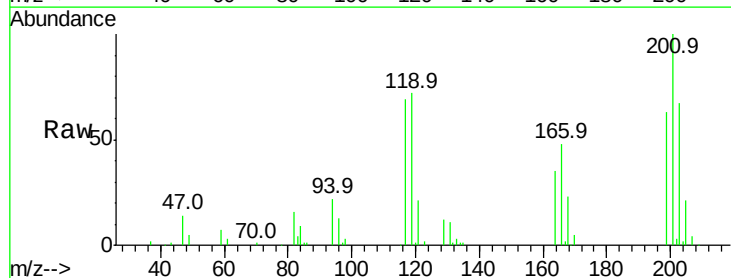


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

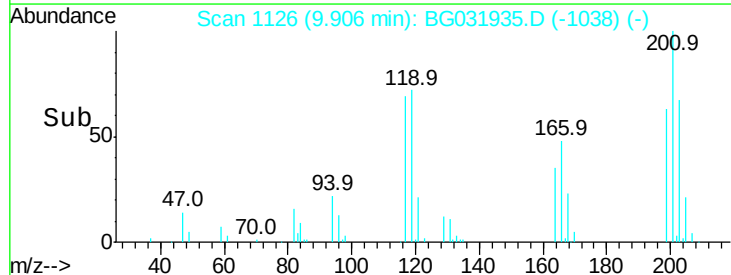
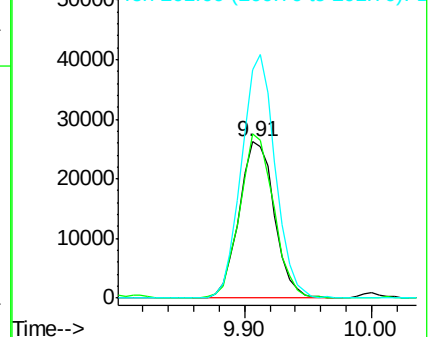


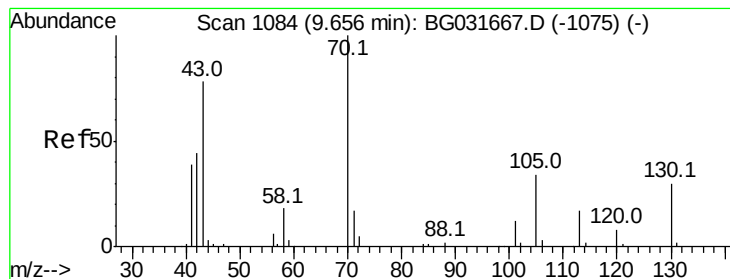
#18
Hexachloroethane
Concen: 39.643 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

Tot Ion: 70 Resp: 97547

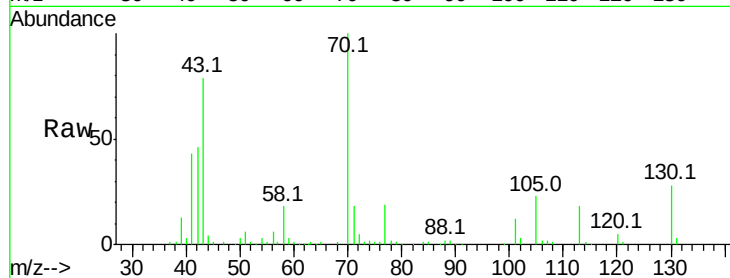
Ion Ratio Lower Upper

70 100

42 46.4 49.1 73.7#

101 12.3 8.5 12.7

130 27.6 13.4 20.0#



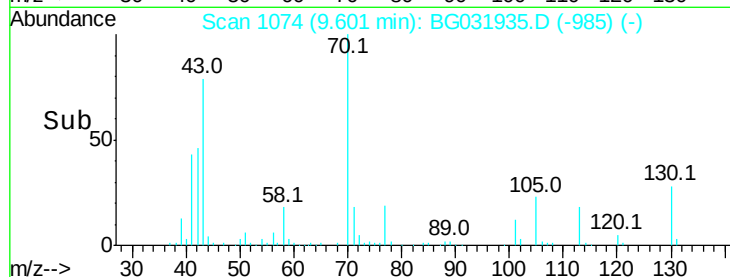
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

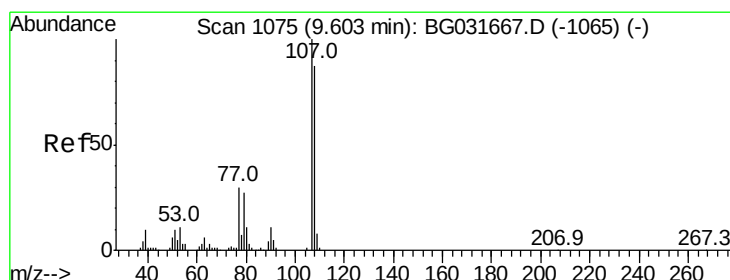
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#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

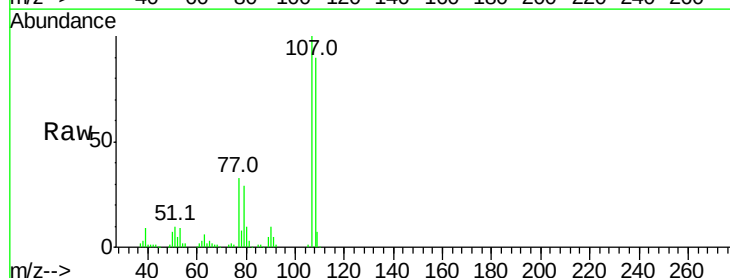
Ion Ratio Lower Upper

107 100

108 90.0 61.6 101.6

77 33.1 13.9 53.9

79 29.1 8.8 48.8



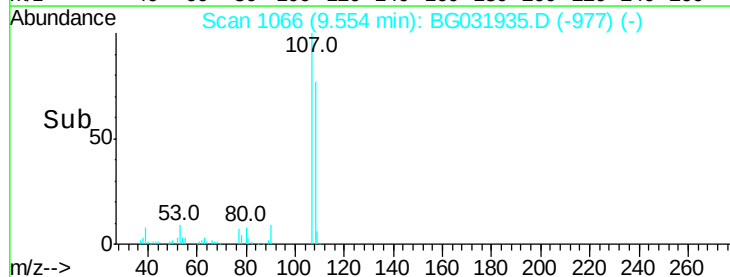
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

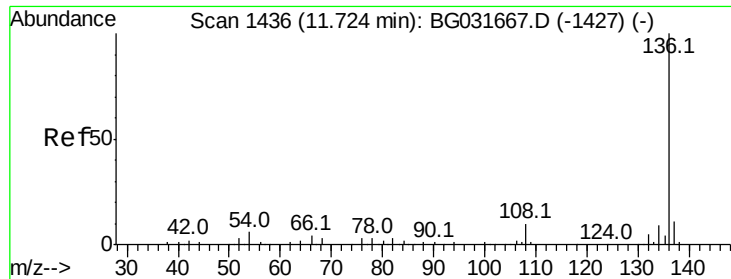
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



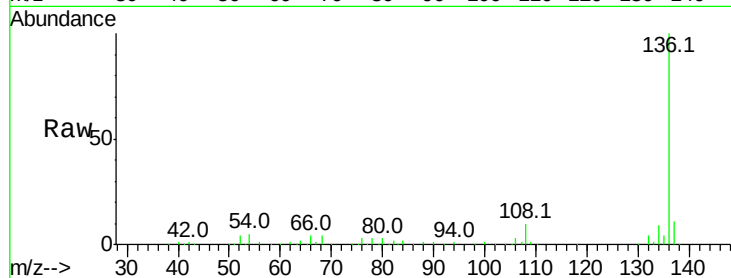
Time-->



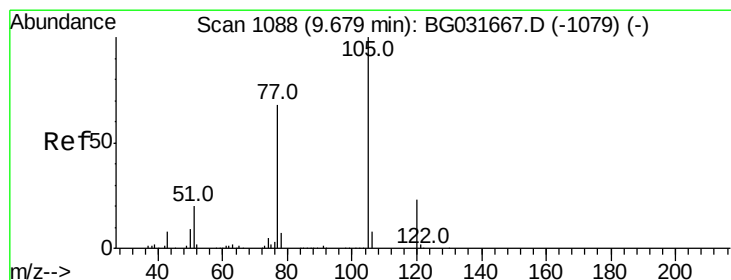
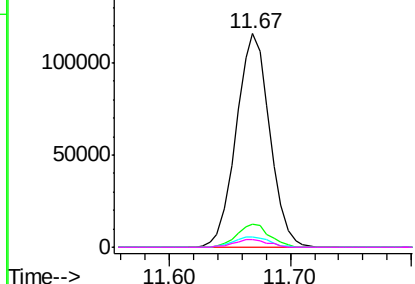
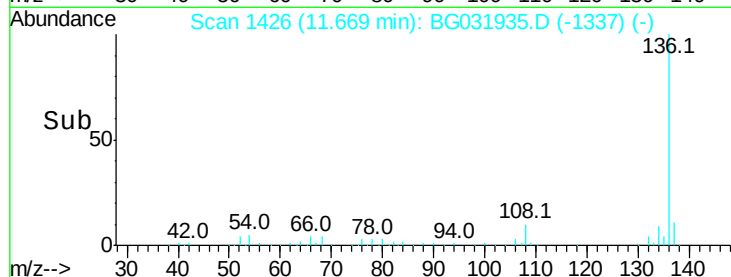
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

Tot 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#

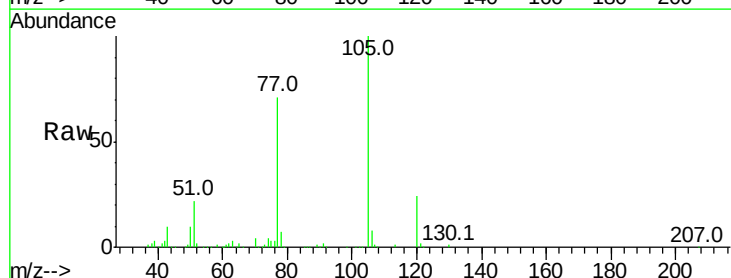


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

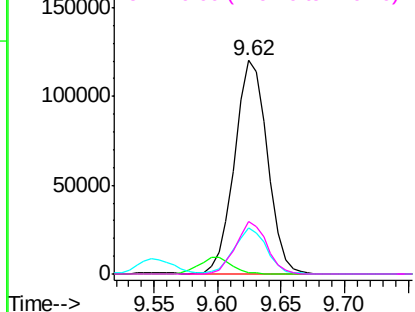
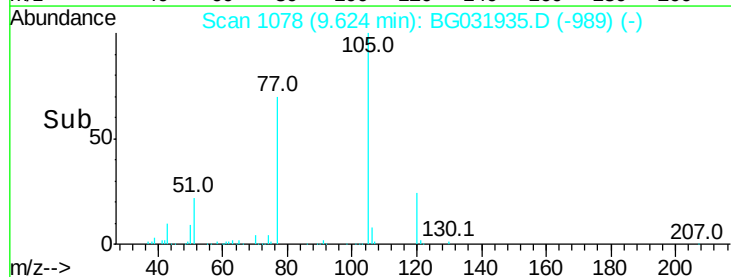


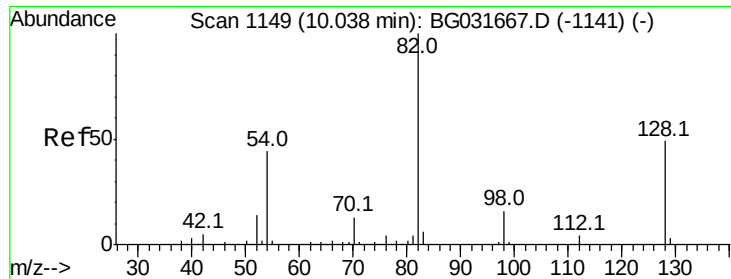
#22
Acetophenone
Concen: 41.631 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

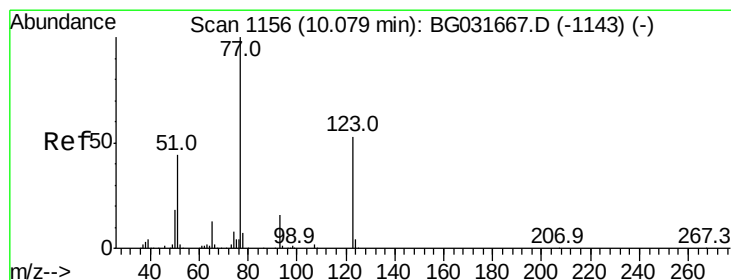
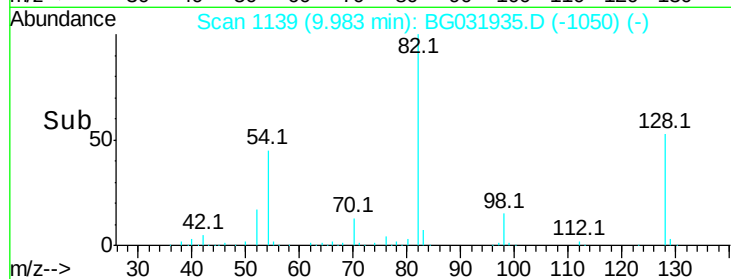
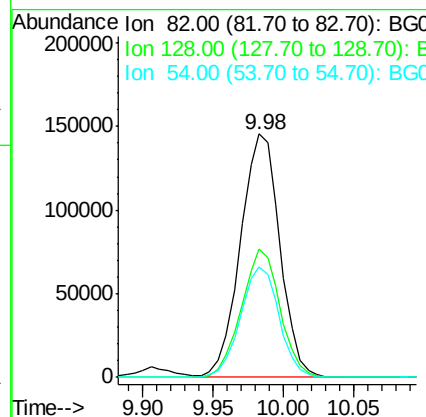
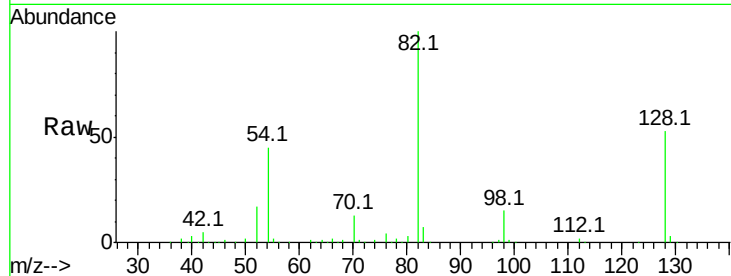




#23
 Nitrobenzene-d5
 Concen: 95.851 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

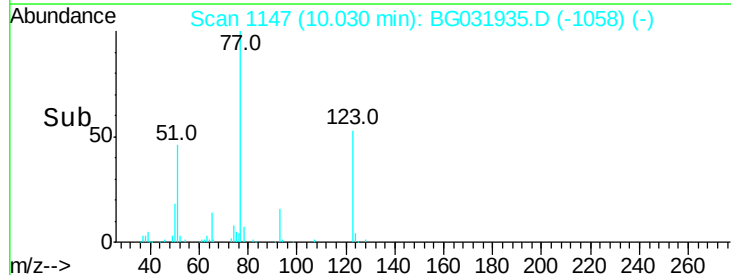
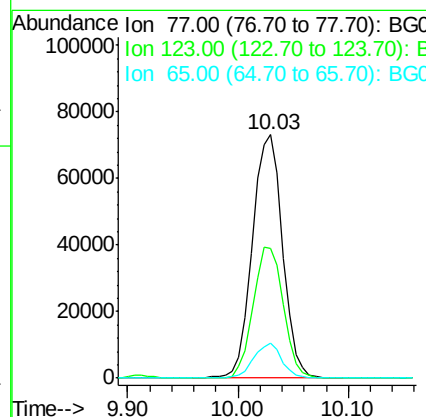
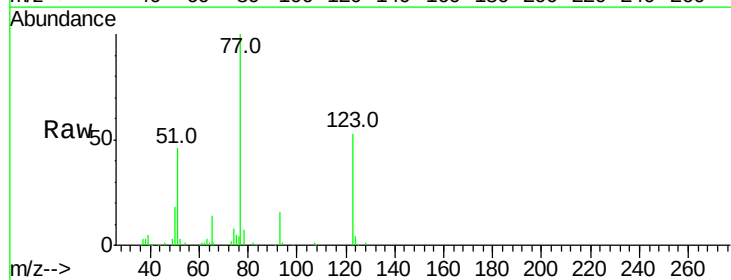
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

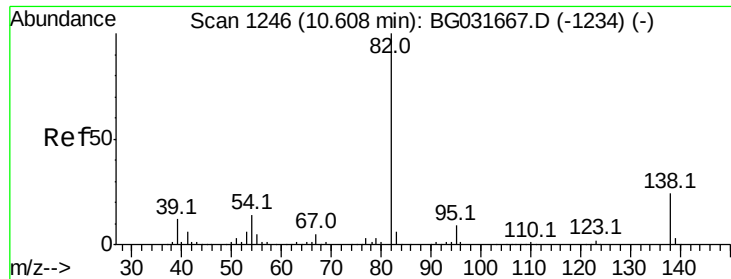
Tot Ion	82	Resp	283525
Ion	Ratio	Lower	Upper
82	100		
128	52.9	29.7	44.5#
54	45.3	43.1	64.7



#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





#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

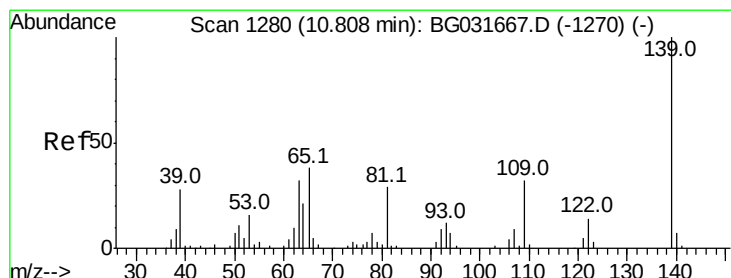
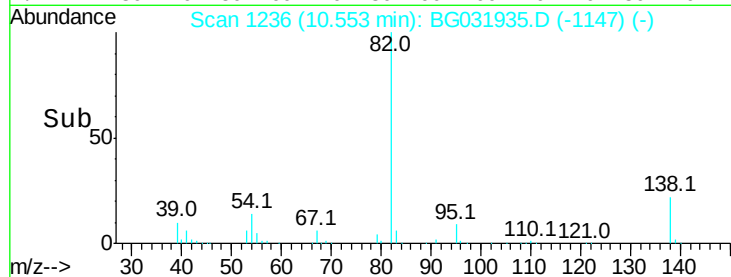
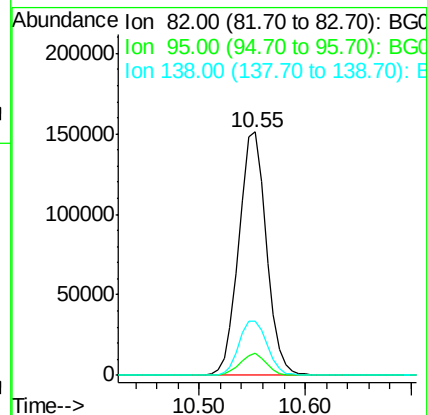
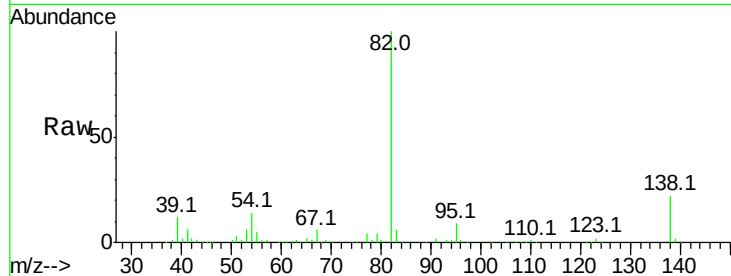
Tot Ion: 82 Resp: 272022

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

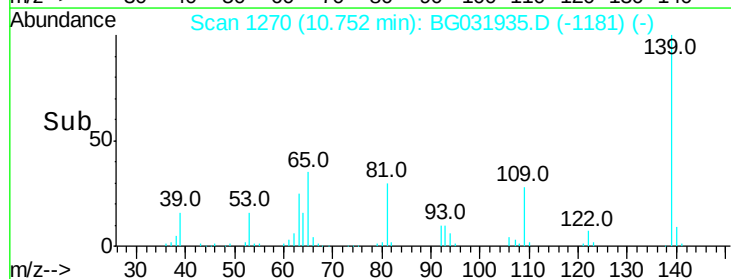
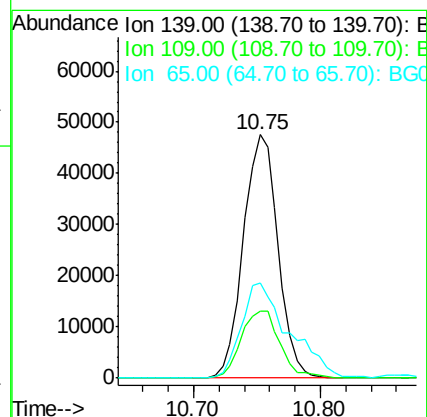
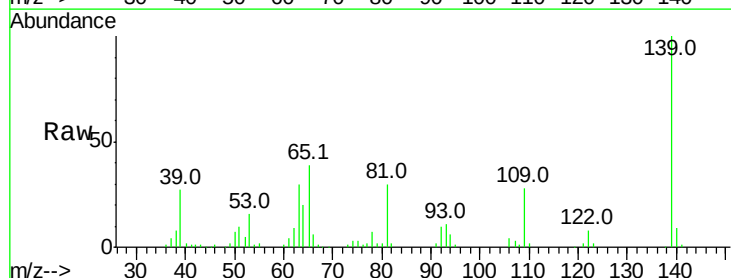
Tgt Ion:139 Resp: 90037

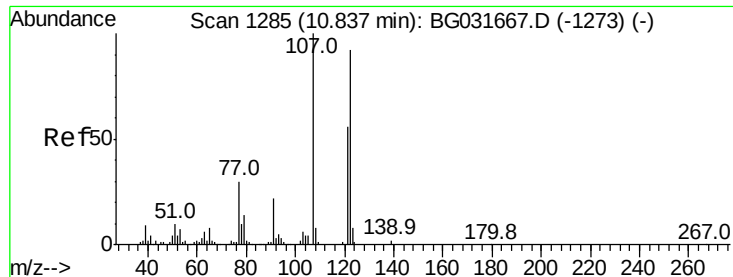
Ion Ratio Lower Upper

139 100

109 27.7 24.2 36.2

65 39.3 47.4 71.0#

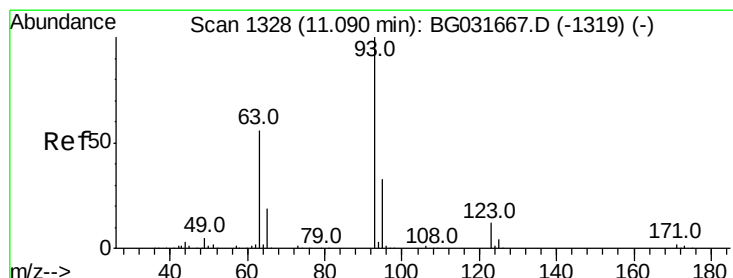
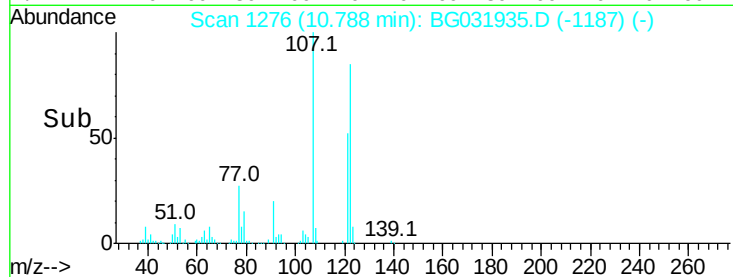
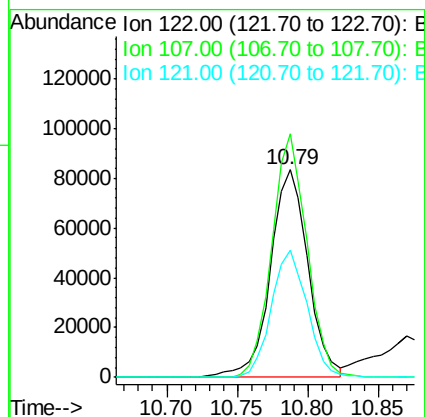
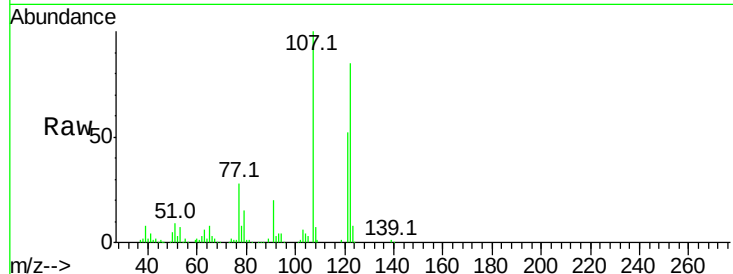




#27
 2,4-Dimethylphenol
 Concen: 46.200 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

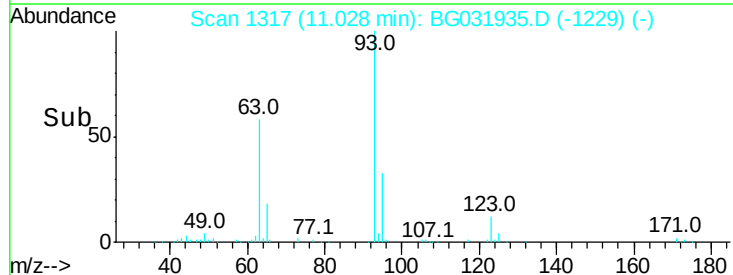
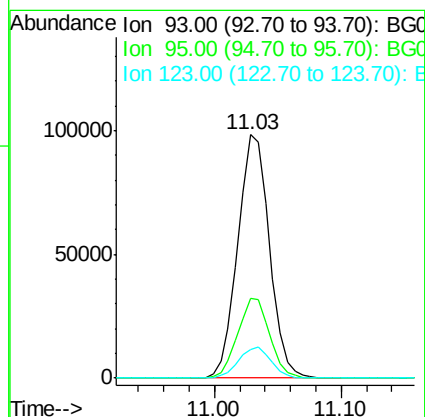
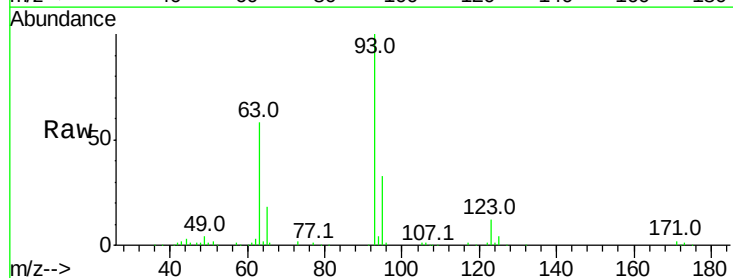
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

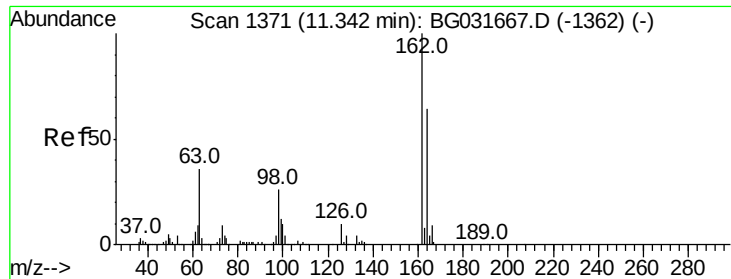
Tot Ion:122 Resp: 155396
 Ion Ratio Lower Upper
 122 100
 107 117.5 100.2 150.2
 121 61.6 44.4 66.6



#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

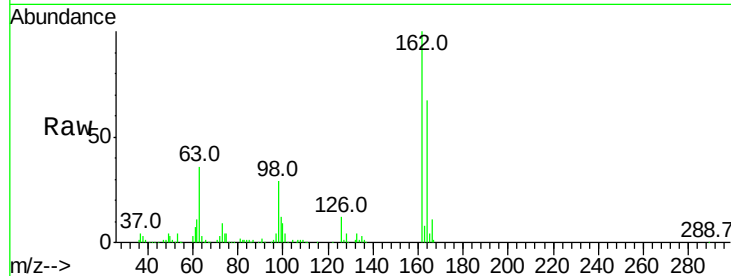
Tot Ion:162 Resp: 183185

Ion Ratio Lower Upper

162 100

164 67.5 48.0 88.0

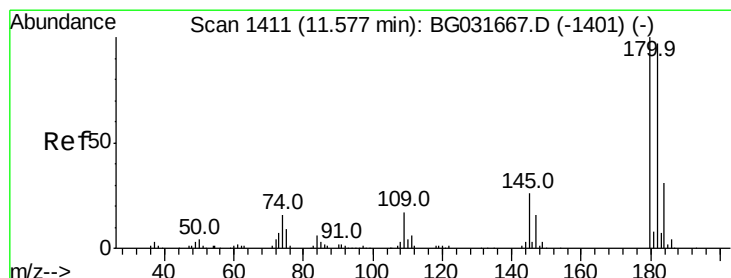
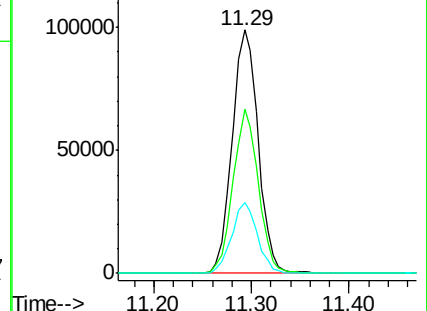
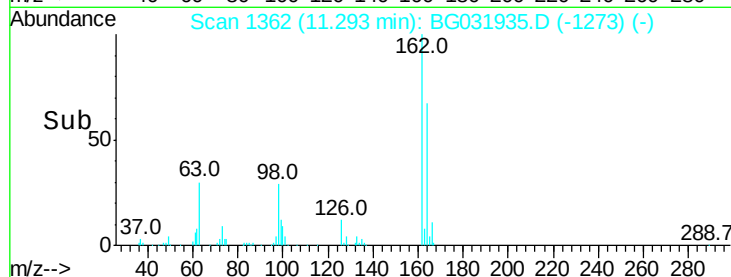
98 29.3 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#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

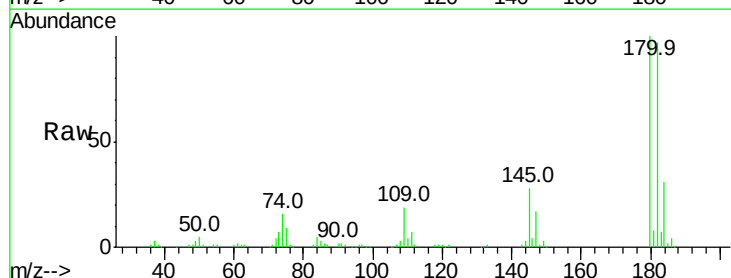
Tgt Ion:180 Resp: 190754

Ion Ratio Lower Upper

180 100

182 97.0 77.5 116.3

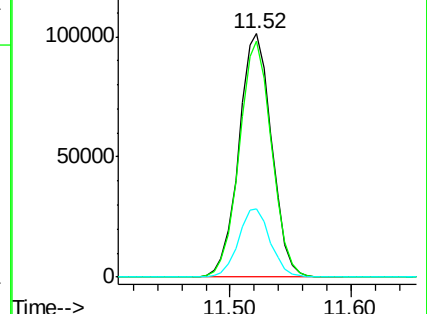
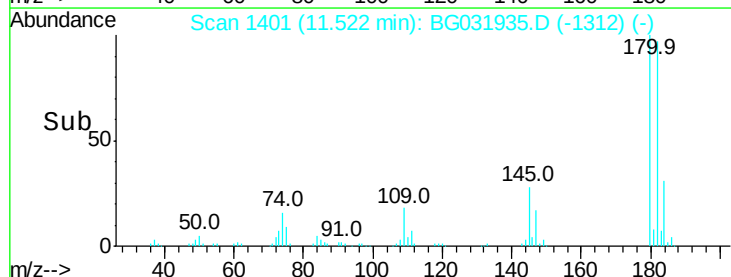
145 28.0 23.4 35.2

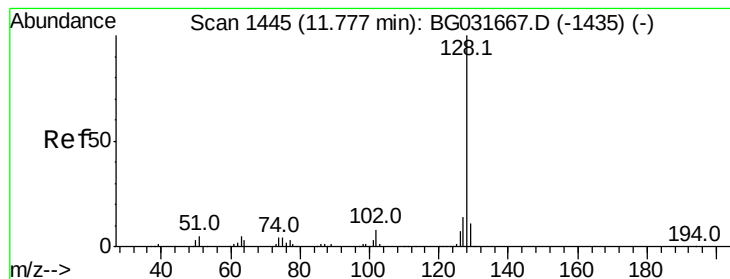


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 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

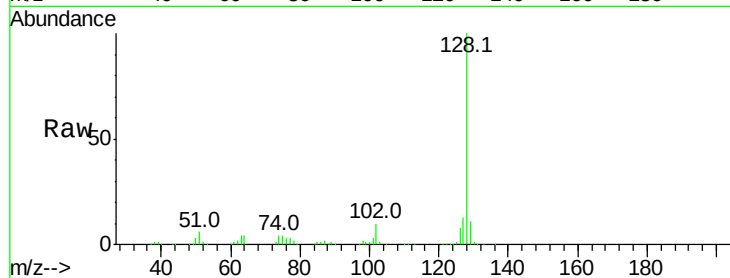
Tot Ion:128 Resp: 564091

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

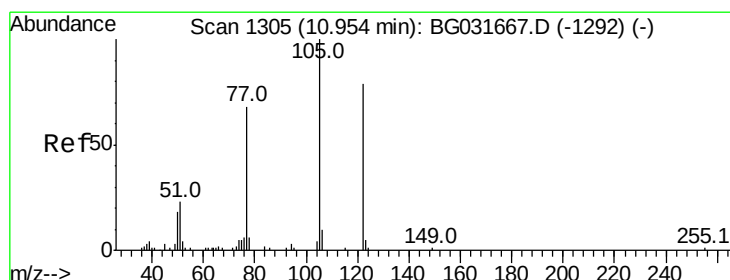
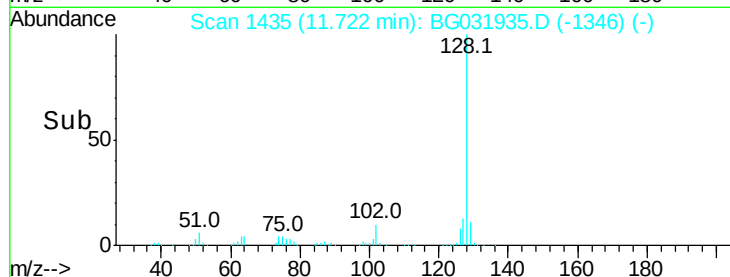
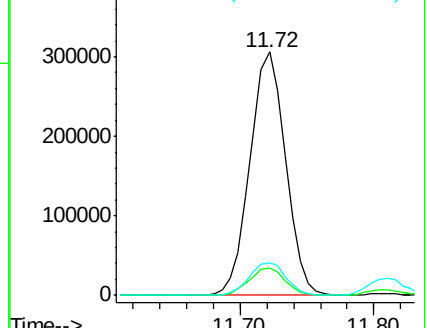
127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

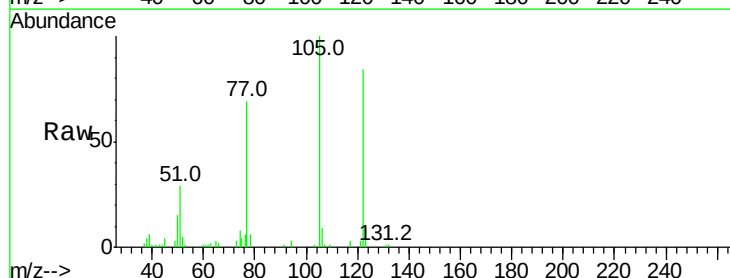
Tgt Ion:122 Resp: 57996

Ion Ratio Lower Upper

122 100

105 118.5 123.5 163.5#

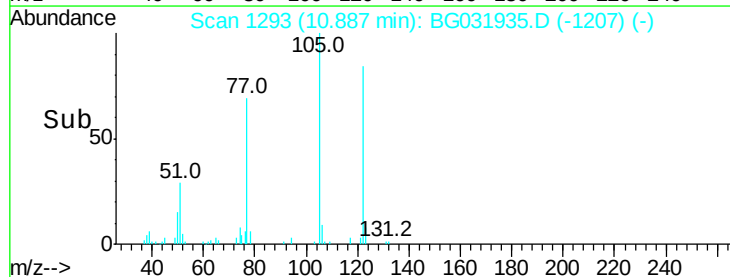
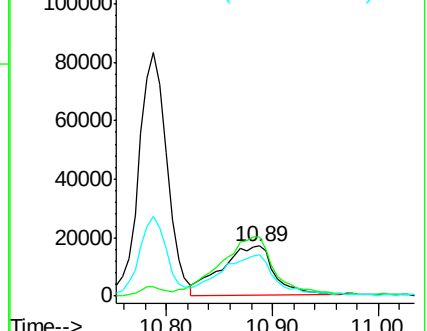
77 81.5 85.7 125.7#

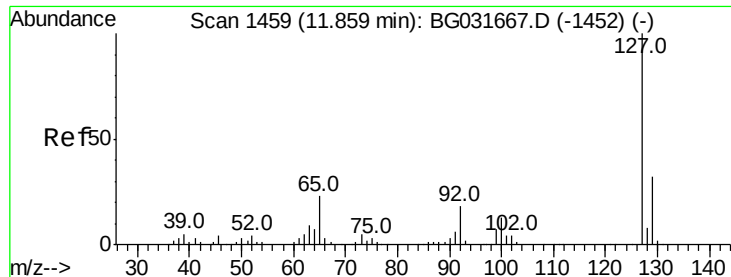


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

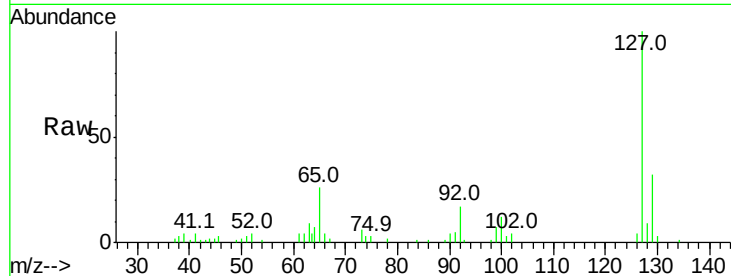




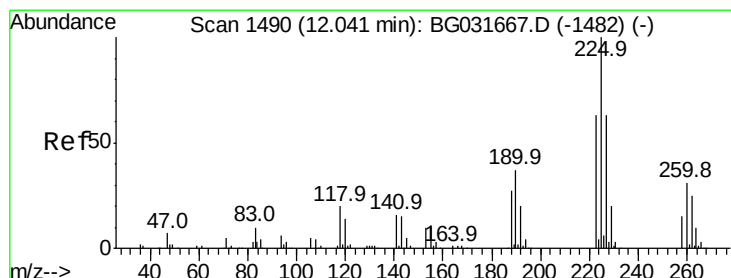
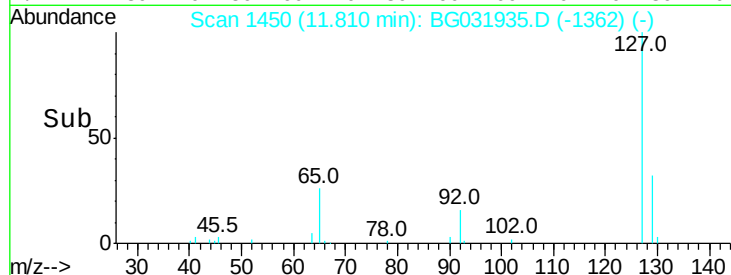
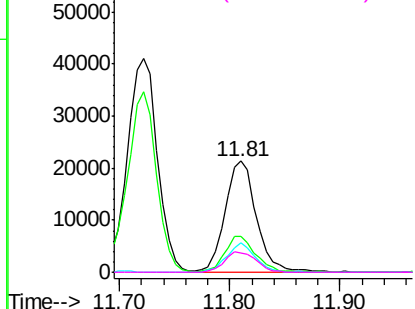
#33
4-Chloroaniline
Concen: 8.494 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

Tot 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

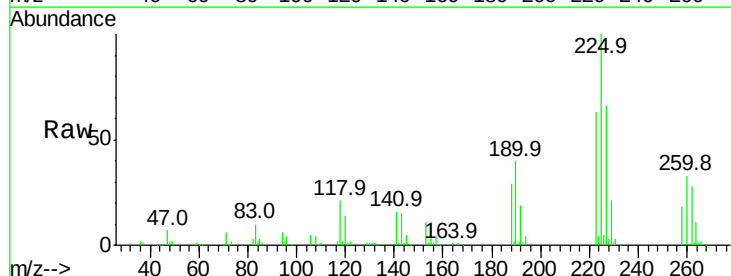


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

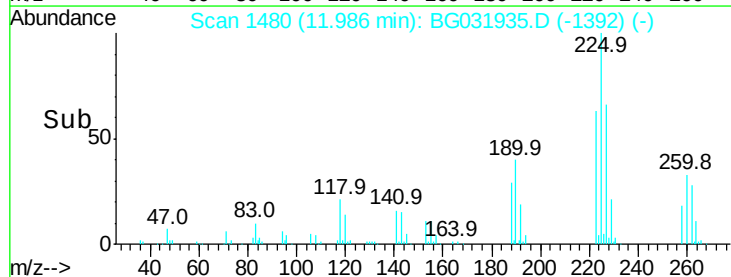
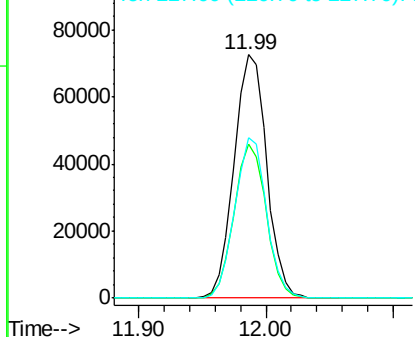


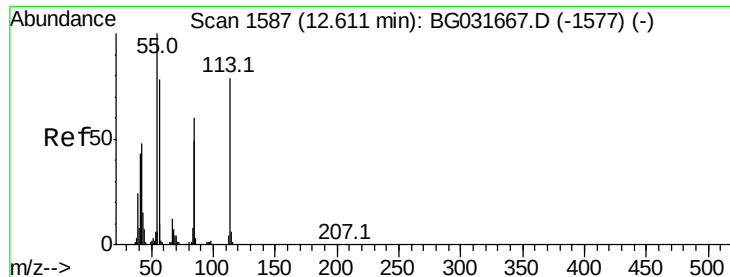
#34
Hexachlorobutadiene
Concen: 39.009 ng
RT: 11.99 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

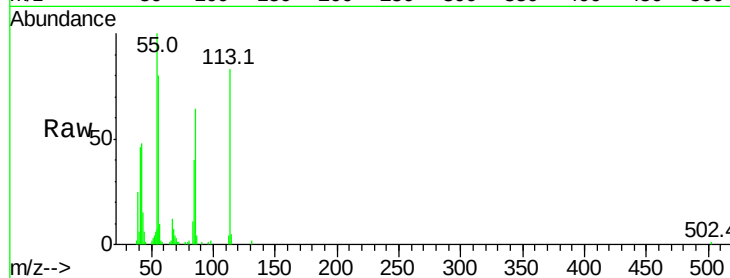
Tot Ion:113 Resp: 40890

Ion Ratio Lower Upper

113 100

55 121.0 186.9 226.9#

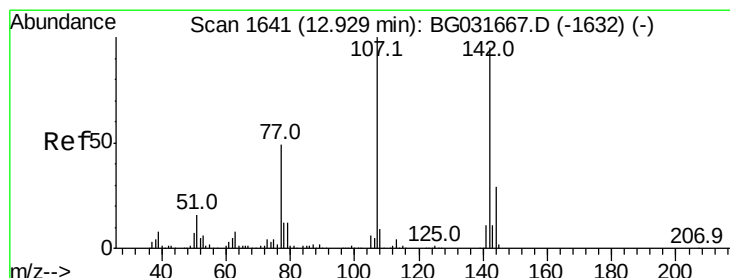
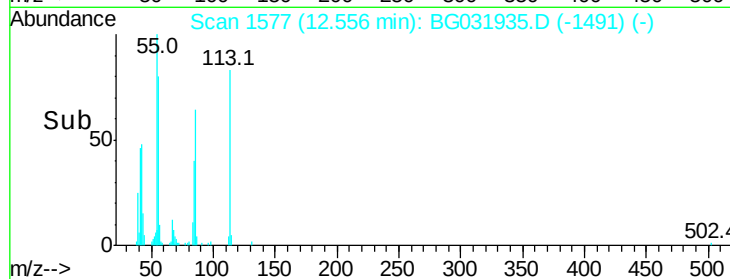
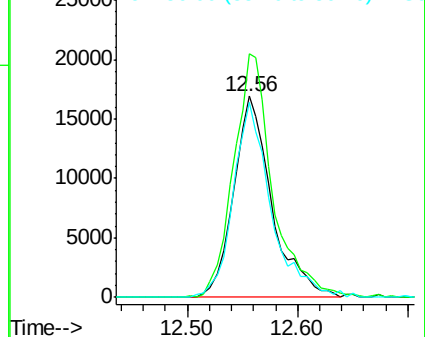
56 97.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 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

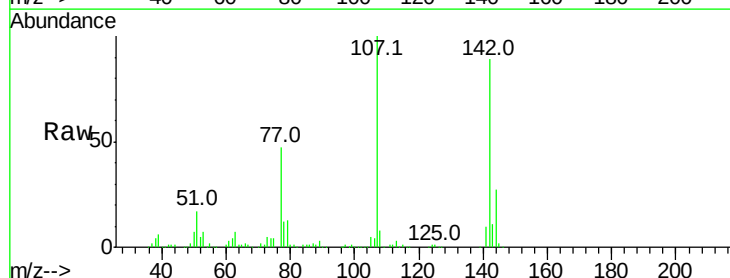
Tgt Ion:107 Resp: 171167

Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

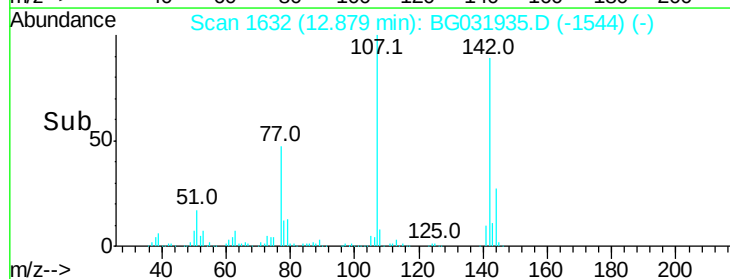
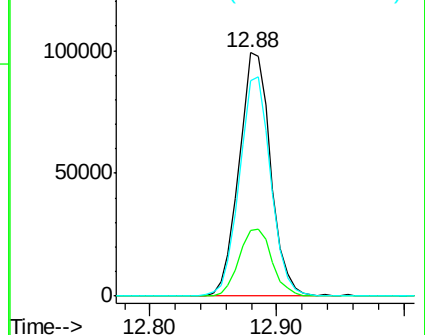
142 88.5 59.0 88.4#

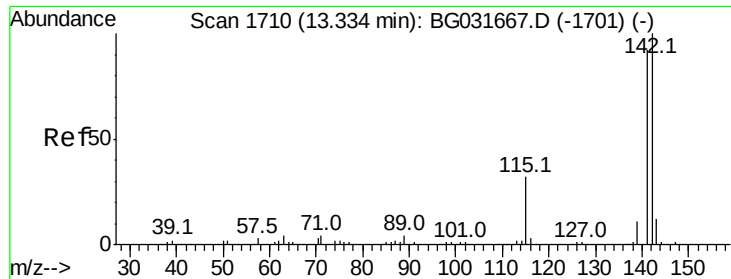


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

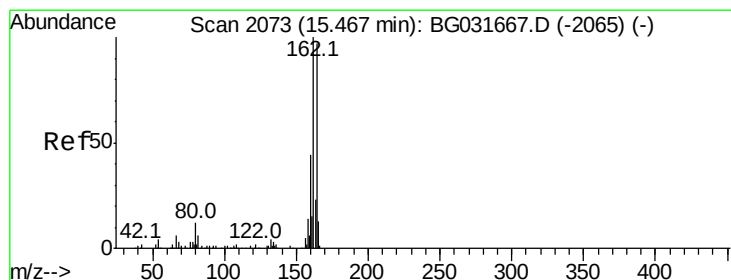
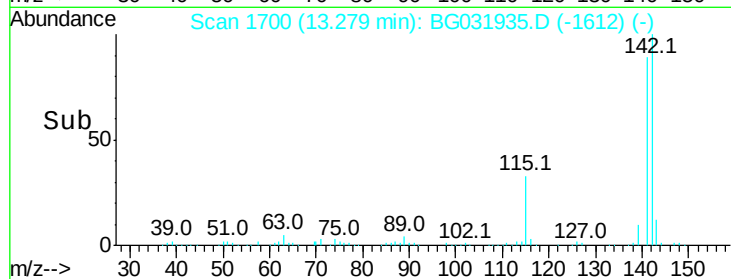
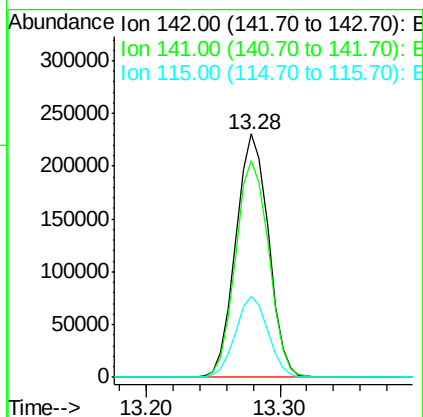
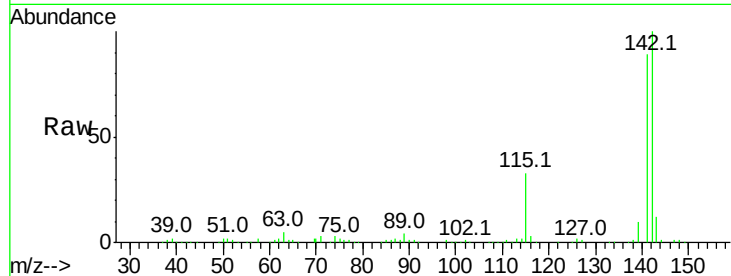




#37
 2-Methylnaphthalene
 Concen: 42.888 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

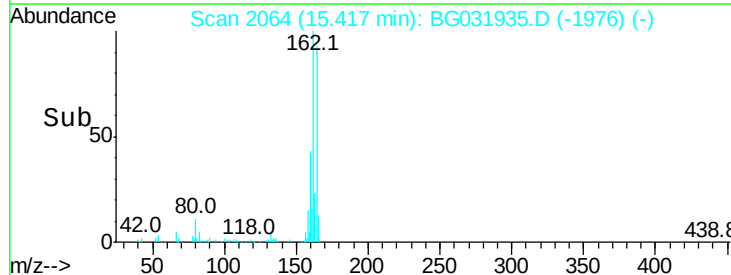
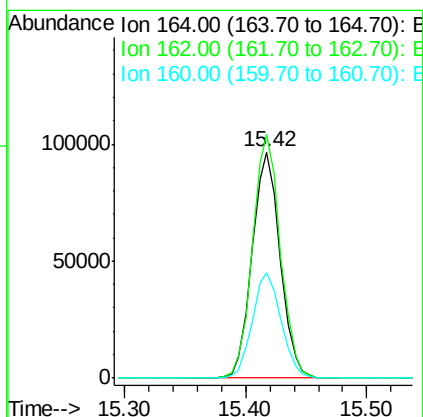
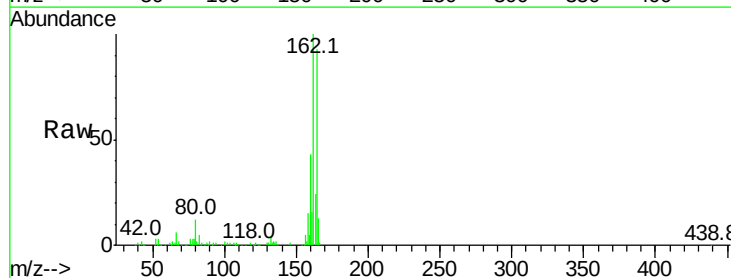
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

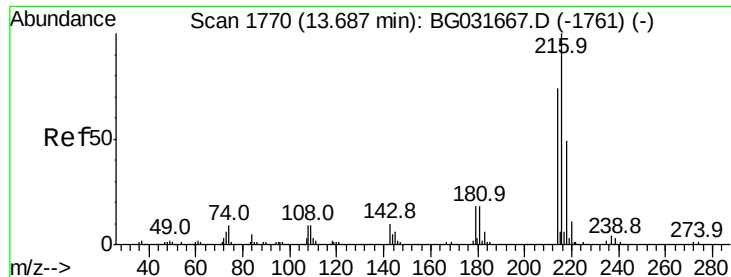
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.1	100.7
115	33.2	30.7	46.1



#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	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	46.8	35.4	53.0

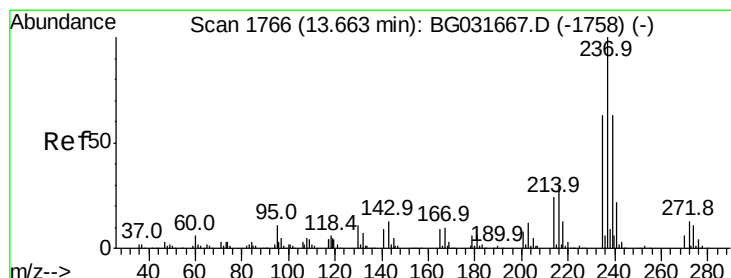
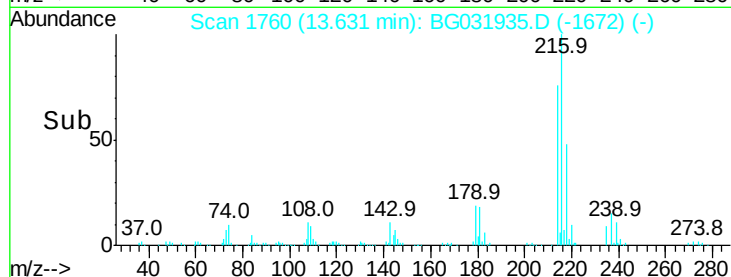
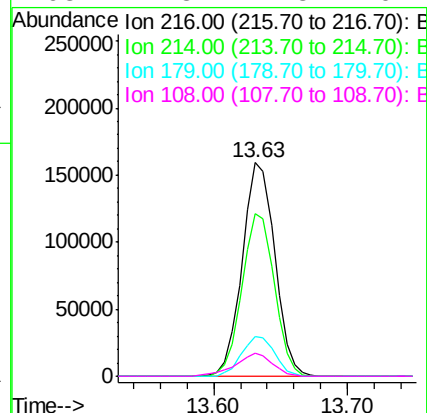
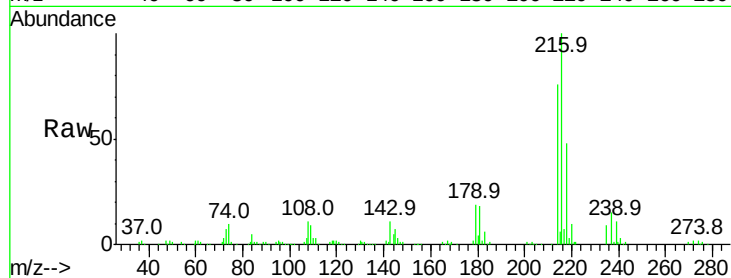




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.963 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

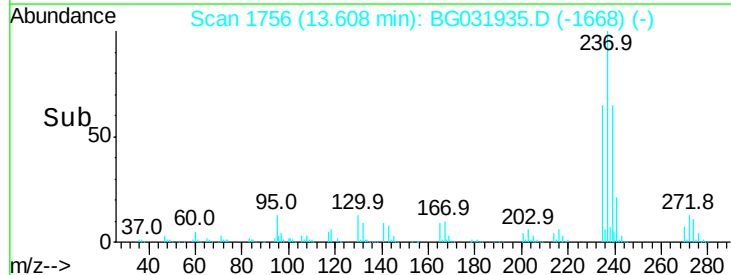
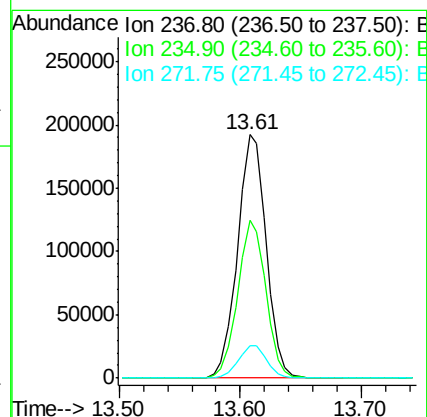
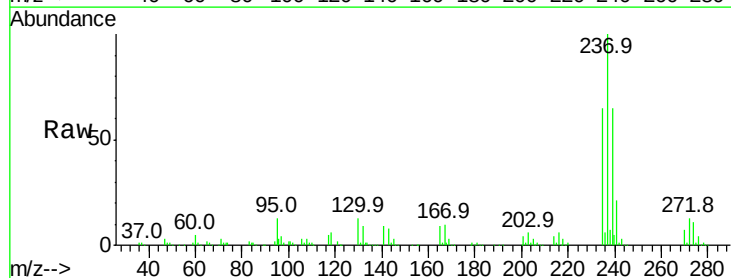
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

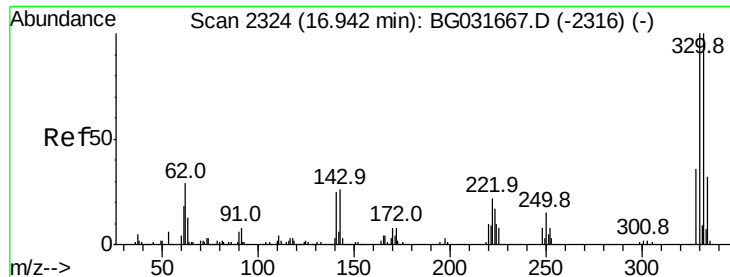
Tot Ion:	216	Resp:	267939
Ion	Ratio	Lower	Upper
216	100		
214	75.9	63.0	94.4
179	19.0	17.0	25.6
108	12.3	12.8	19.2#



#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





#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

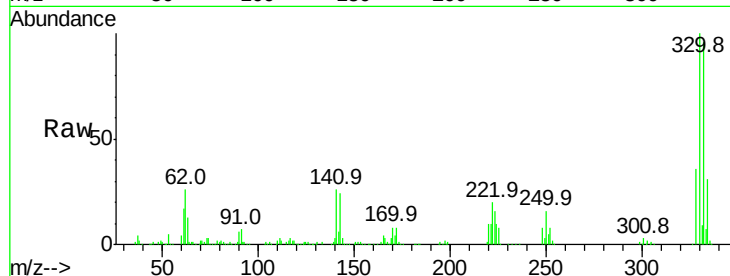
Tot Ion:330 Resp: 361949

Ion Ratio Lower Upper

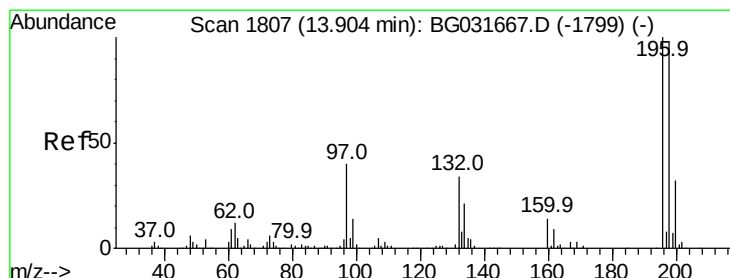
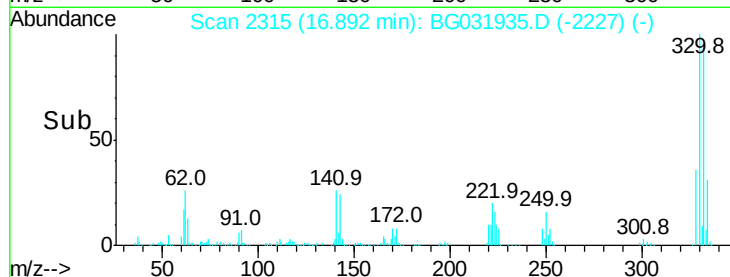
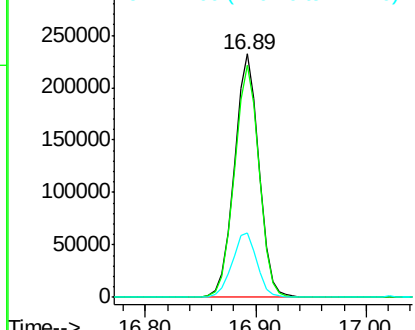
330 100

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

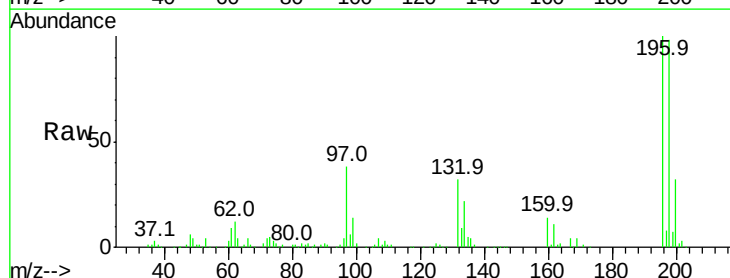
Tgt Ion:196 Resp: 170861

Ion Ratio Lower Upper

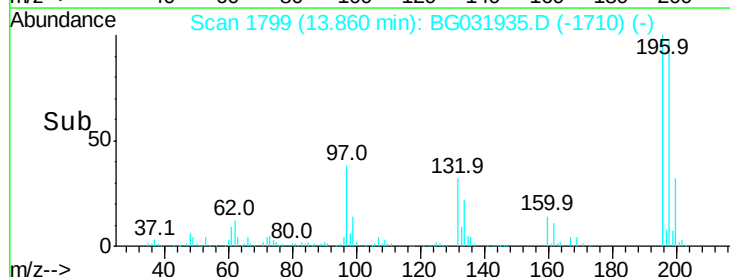
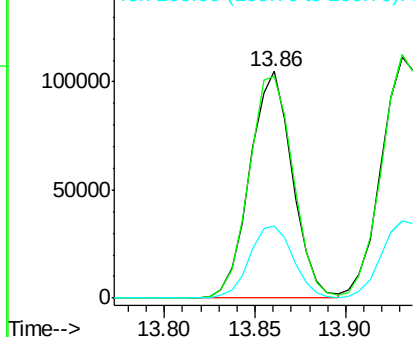
196 100

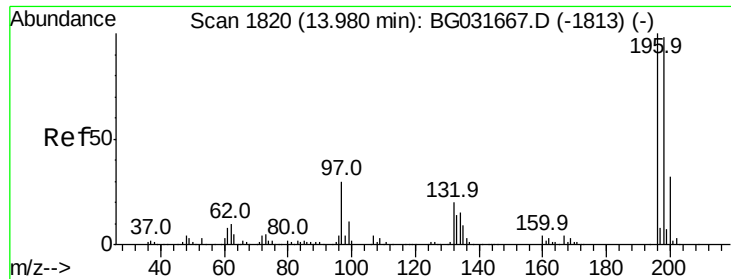
198 97.9 78.2 117.2

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

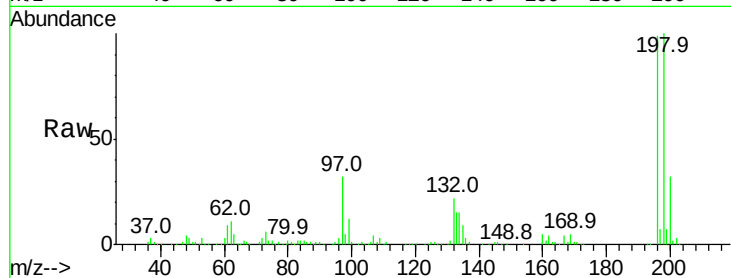




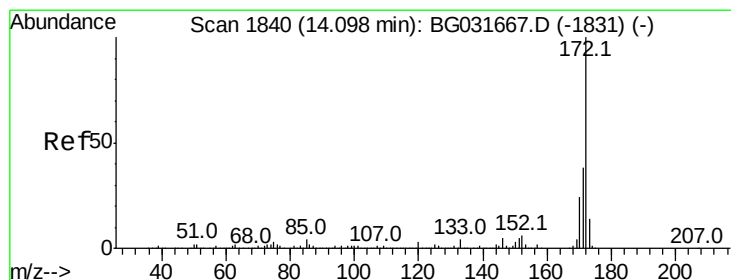
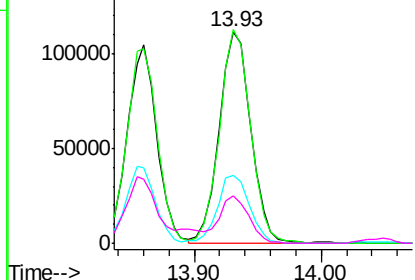
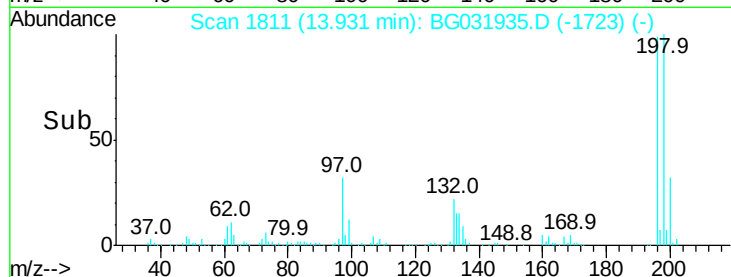
#43
 2,4,5-Trichlorophenol
 Concen: 45.981 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

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

Tot Ion:	196	Resp:	192170
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

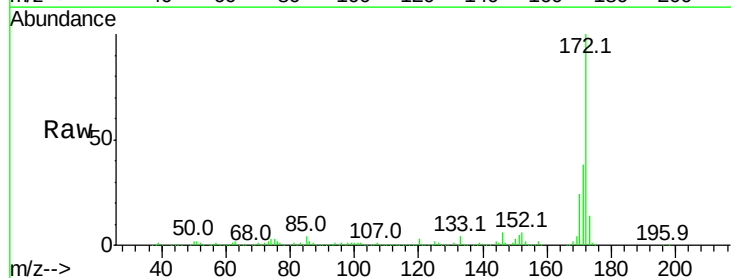


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

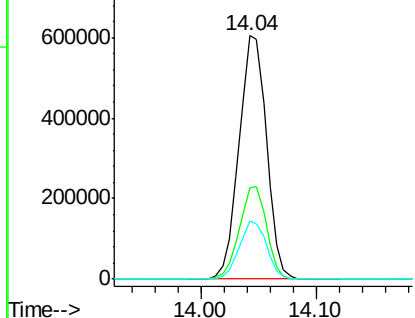
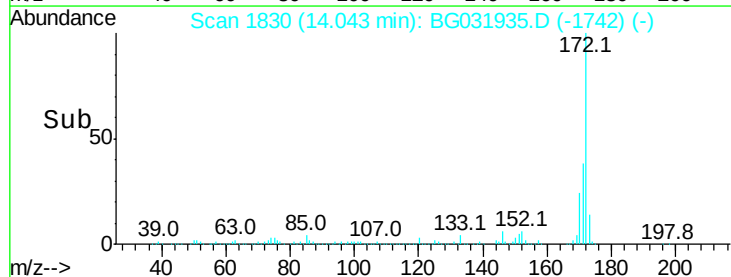


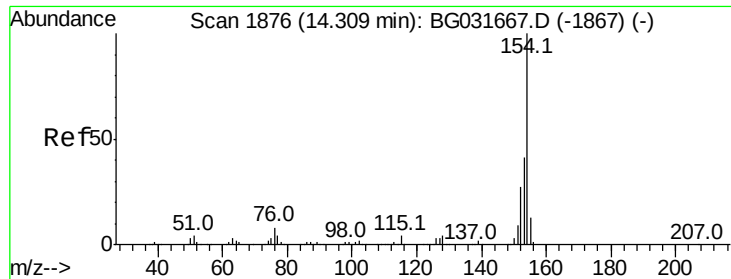
#44
 2-Fluorobiphenyl
 Concen: 80.746 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

Tgt Ion:	172	Resp:	999033
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

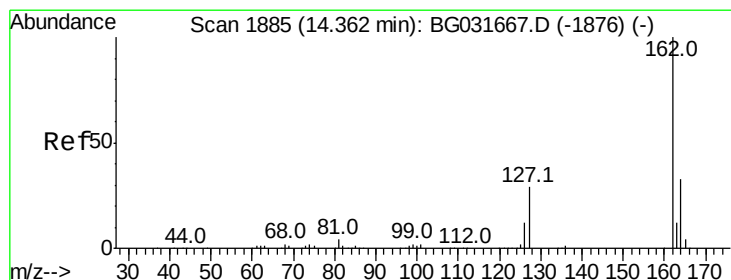
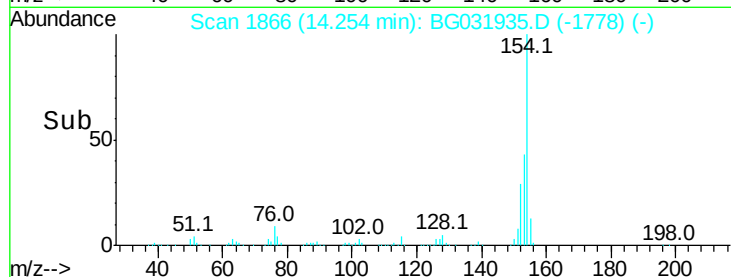
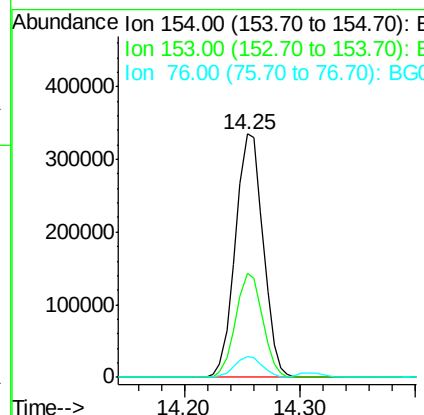
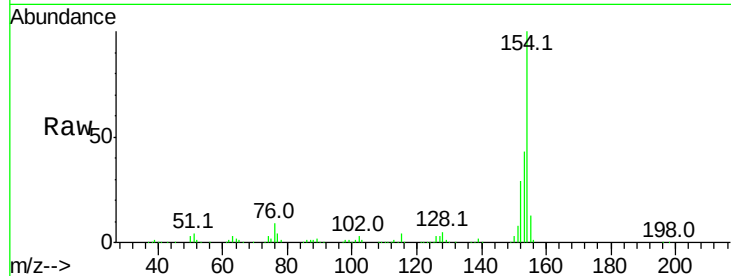




#45
 1,1'-Biphenyl
 Concen: 42.121 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

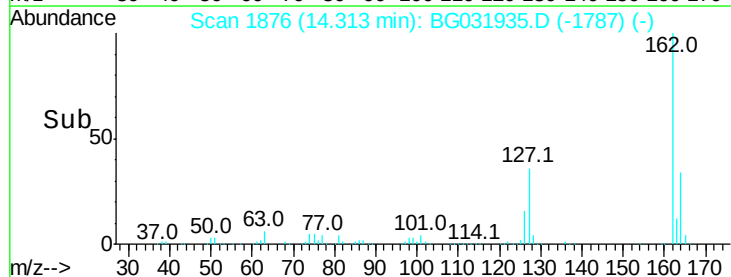
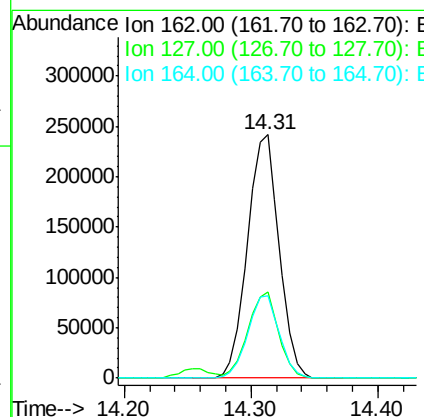
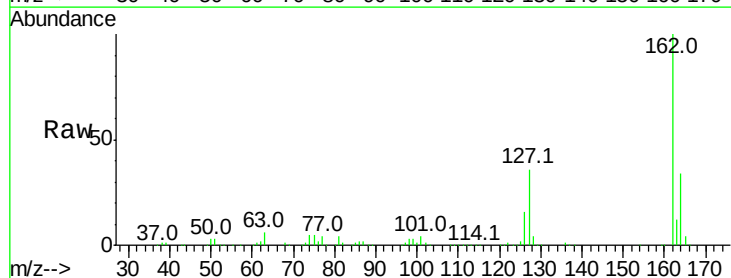
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

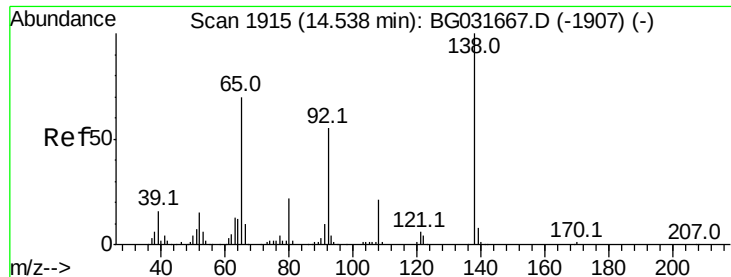
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.8	59.8
76	8.5	0.0	31.9



#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

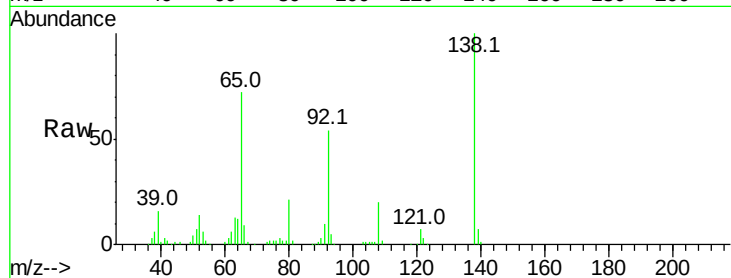
Tot Ion: 65 Resp: 94715

Ion Ratio Lower Upper

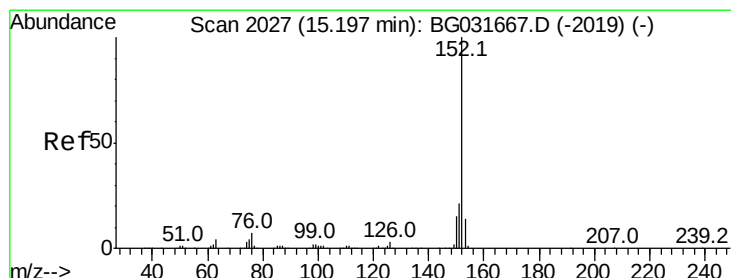
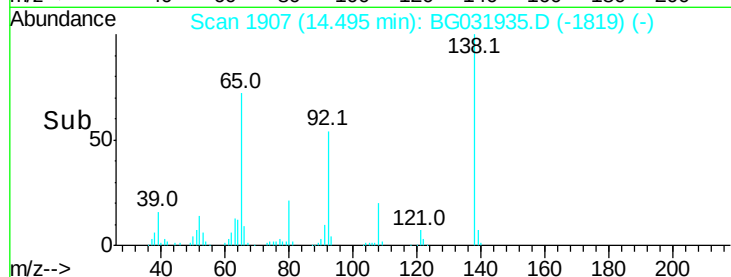
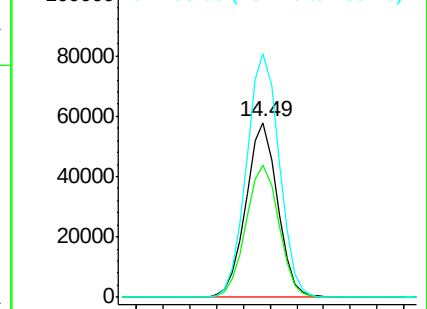
65 100

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

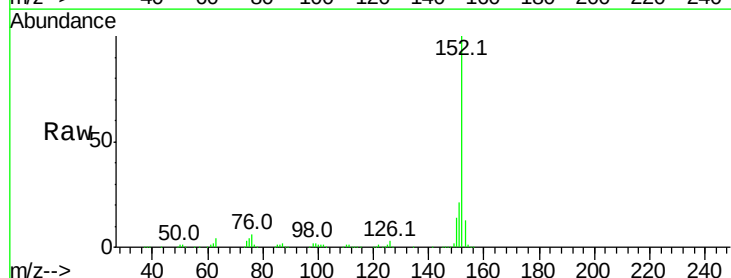
Tgt Ion: 152 Resp: 646349

Ion Ratio Lower Upper

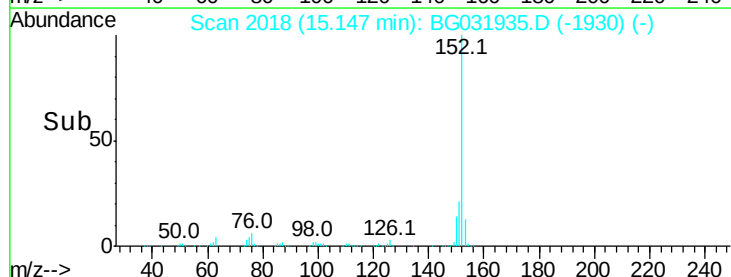
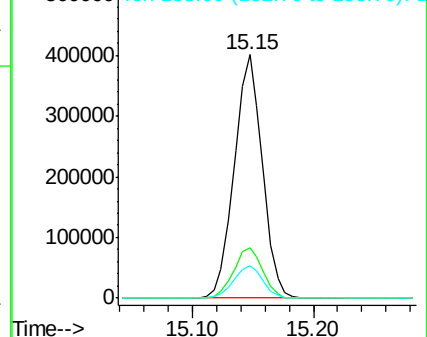
152 100

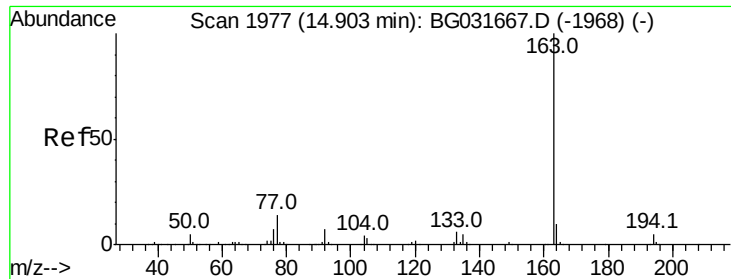
151 20.7 17.2 25.8

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

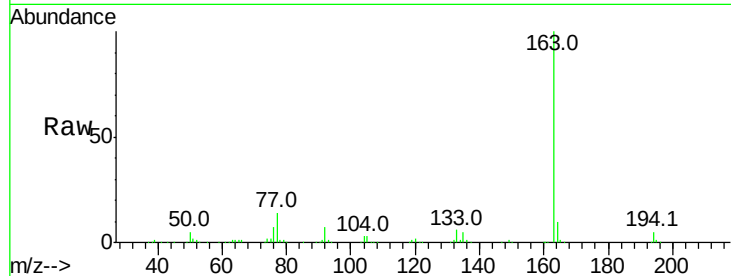
Tot Ion:163 Resp: 570310

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

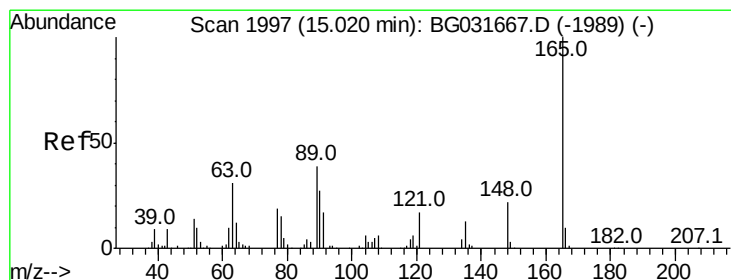
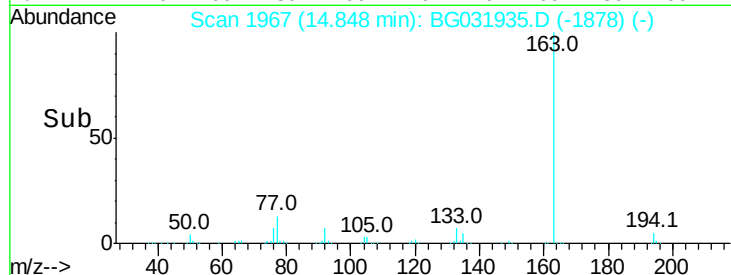
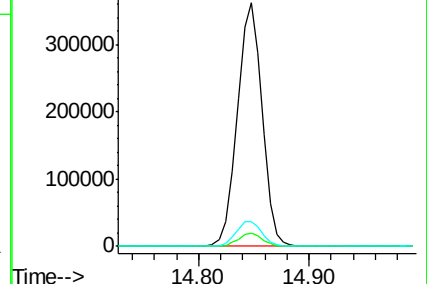
164 10.4 8.2 12.4



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

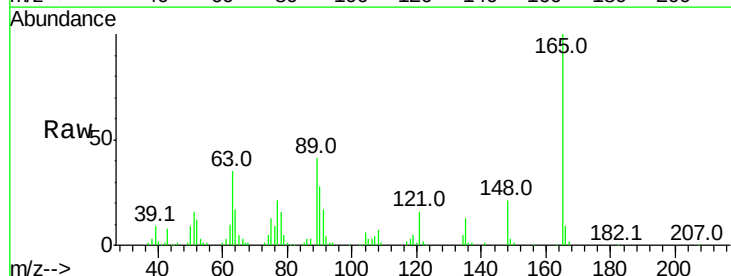
Tgt Ion:165 Resp: 128200

Ion Ratio Lower Upper

165 100

63 35.2 52.7 79.1#

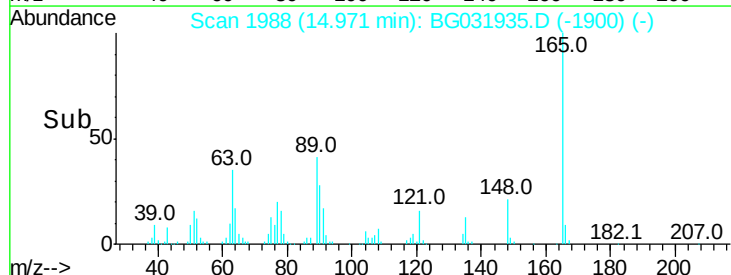
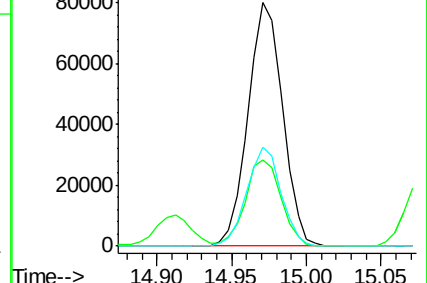
89 40.6 49.2 73.8#

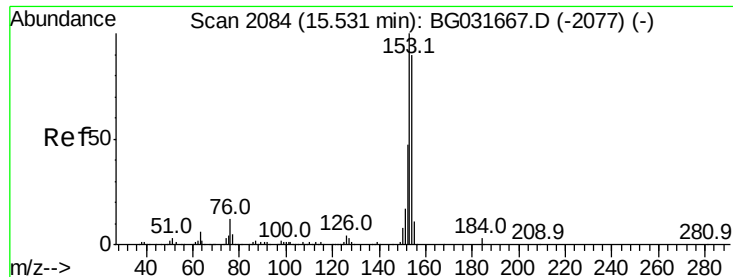


Abundance Ion 165.00 (164.70 to 165.70): E

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

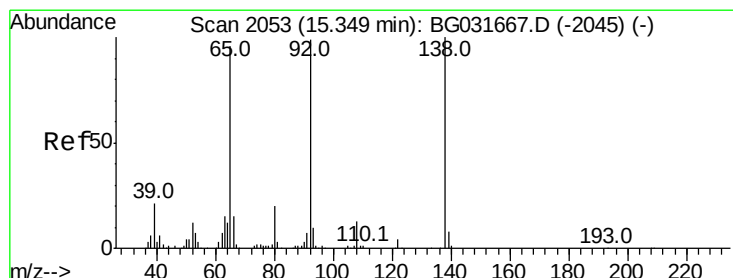
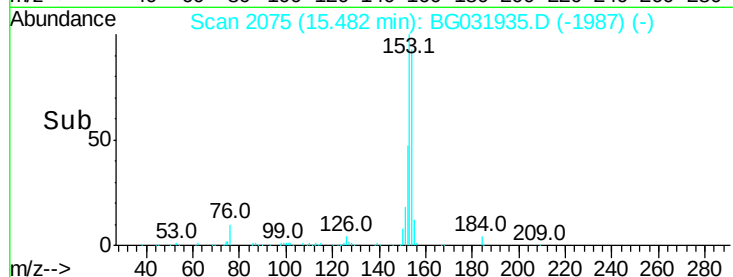
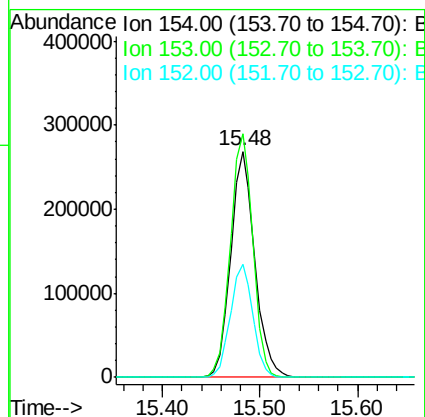
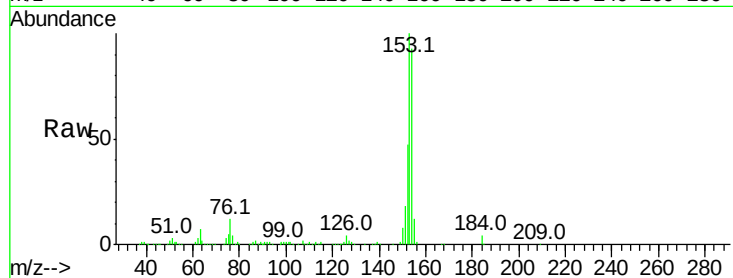
Tot Ion:154 Resp: 458350

Ion Ratio Lower Upper

154 100

153 107.7 90.4 135.6

152 50.2 41.6 62.4



#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

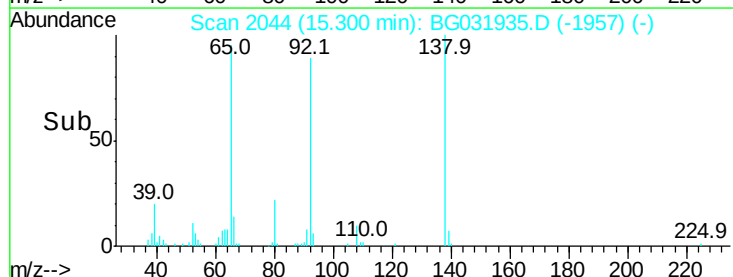
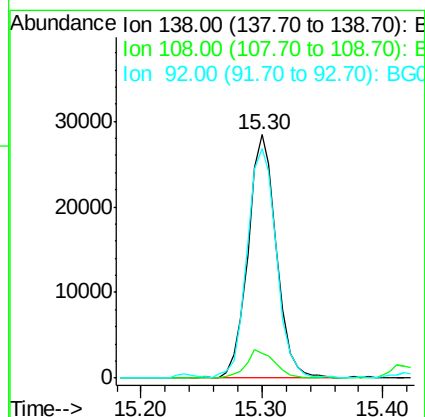
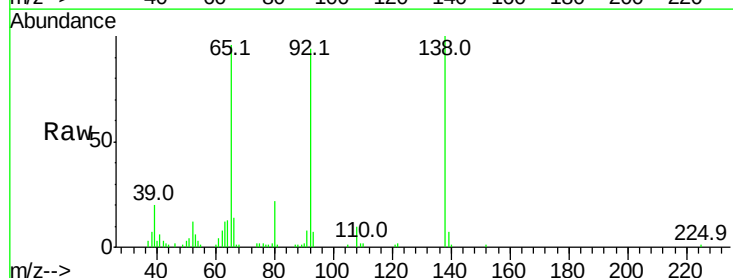
Tgt Ion:138 Resp: 46390

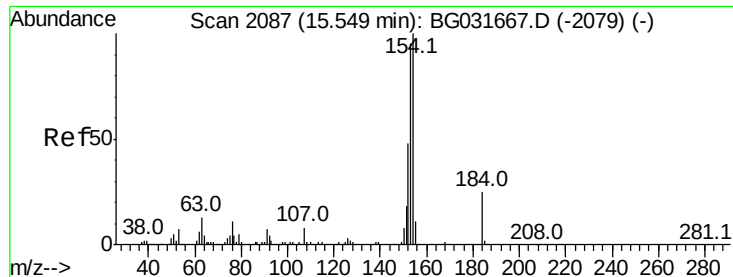
Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

92 94.1 105.8 158.8#

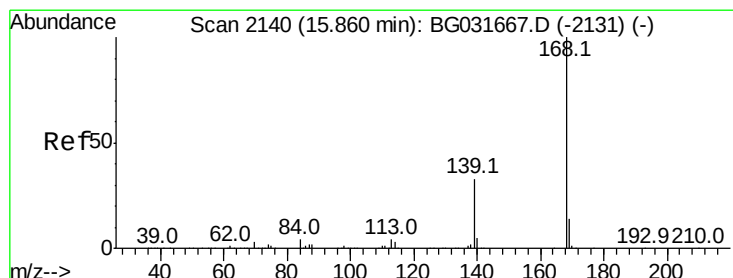
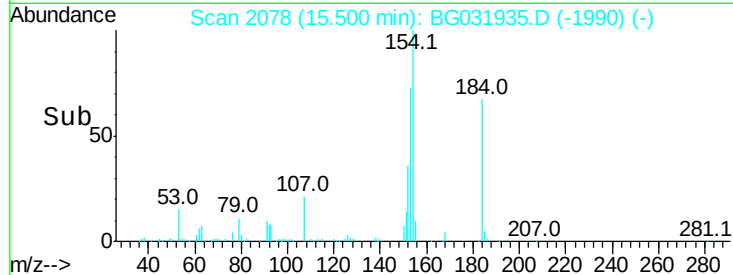
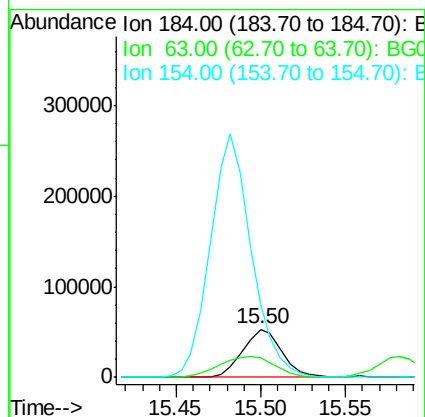
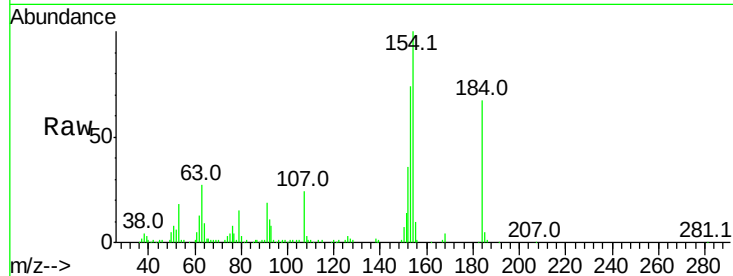




#53
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

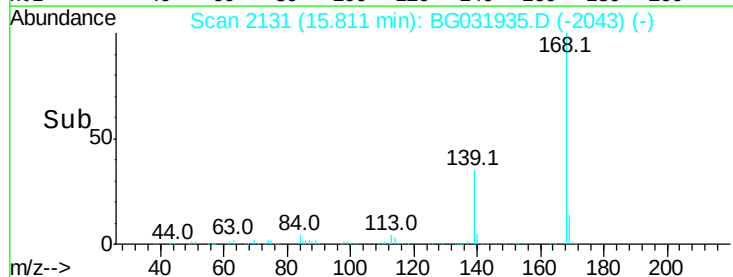
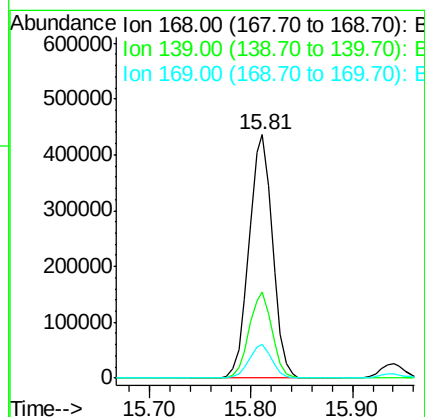
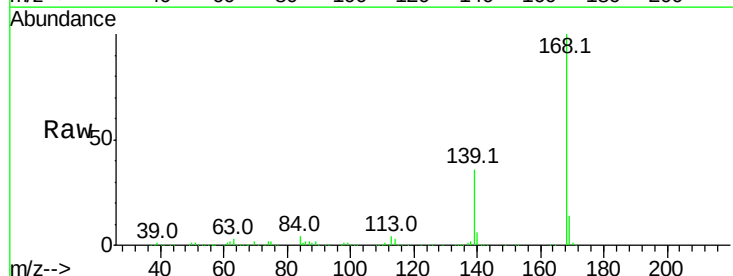
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

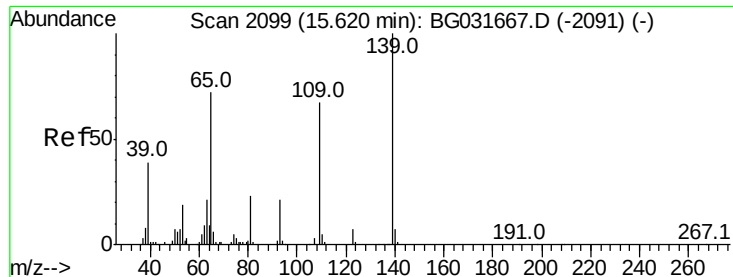
Tot Ion:184 Resp: 86142
Ion Ratio Lower Upper
184 100
63 41.0 59.8 89.8#
154 149.8 101.8 152.8



#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

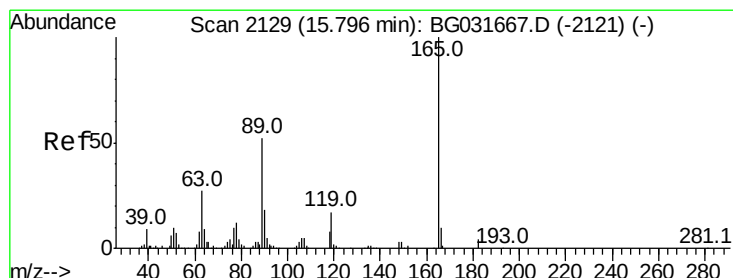
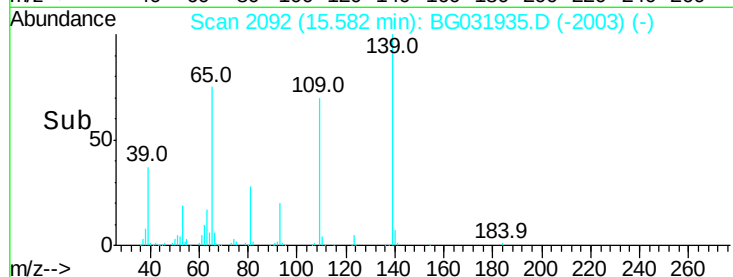
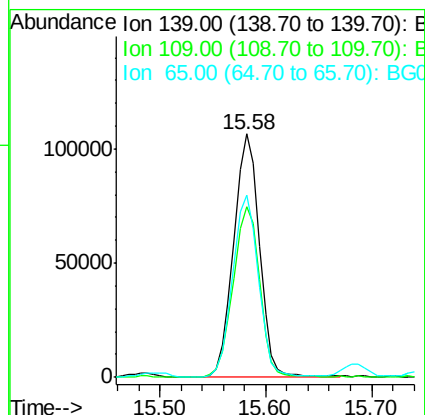
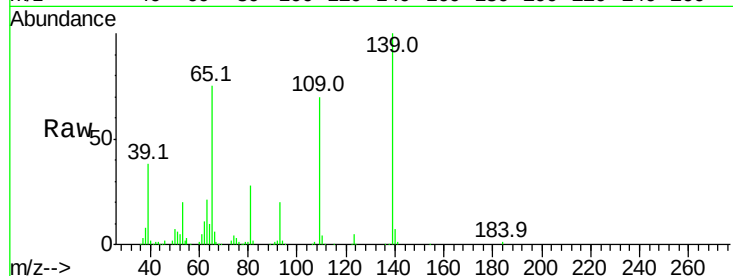




#55
4-Nitrophenol
Concen: 89.911 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

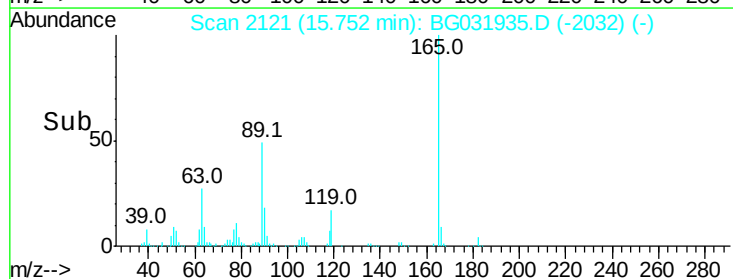
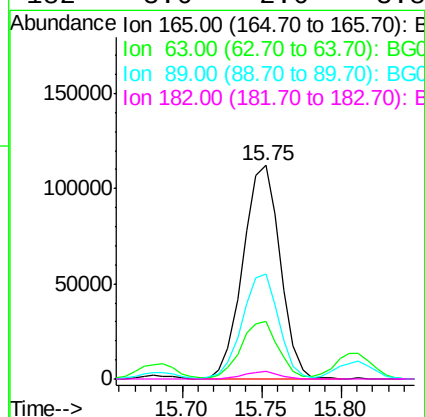
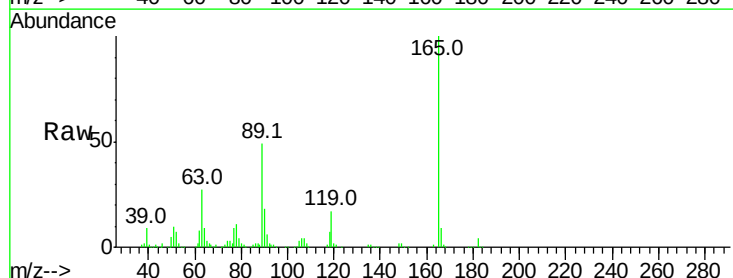
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

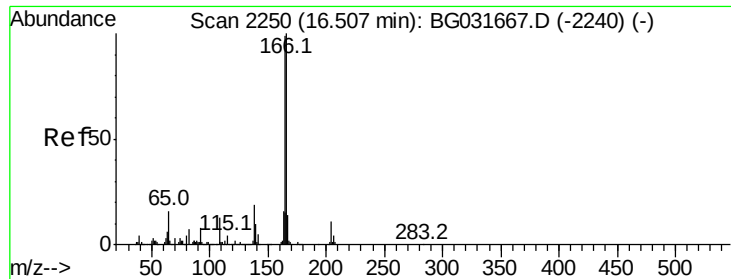
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.9	62.2	102.2
65	74.7	97.2	137.2#



#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	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





#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

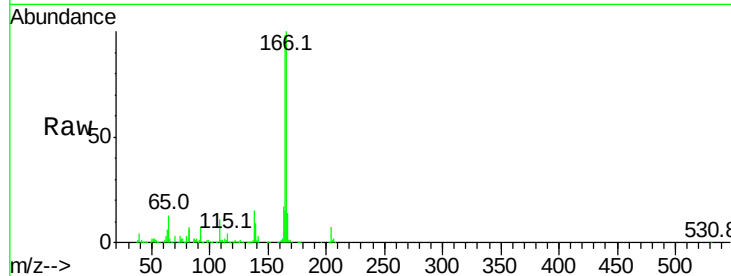
Tot Ion:166 Resp: 559362

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

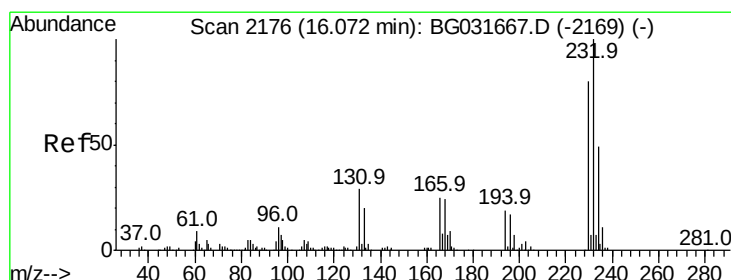
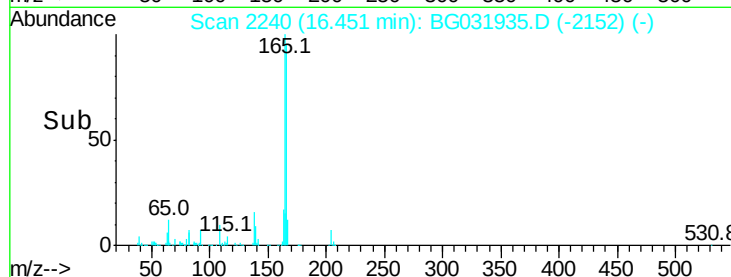
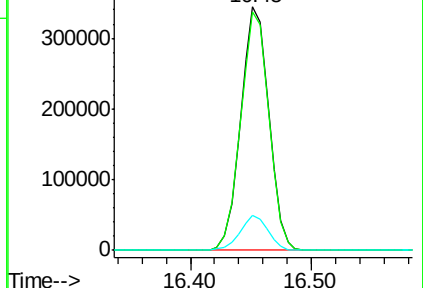
167 14.2 10.4 15.6



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

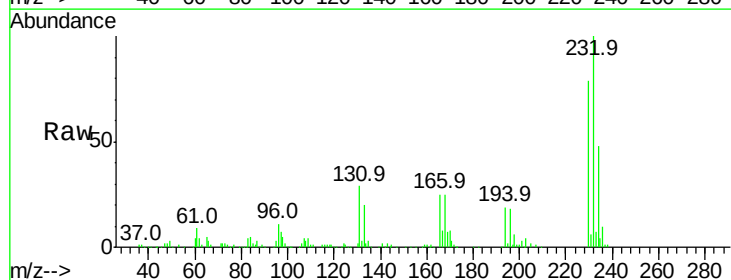
Ion Ratio Lower Upper

232 100

131 30.0 33.5 50.3#

130 1.5 2.2 3.2#

166 25.1 24.8 37.2

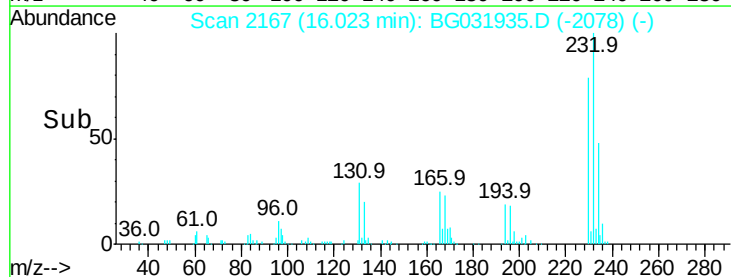
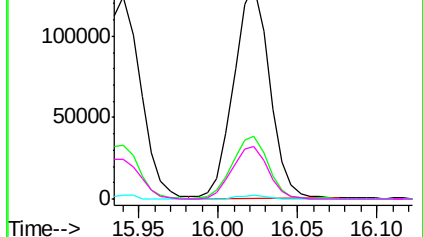


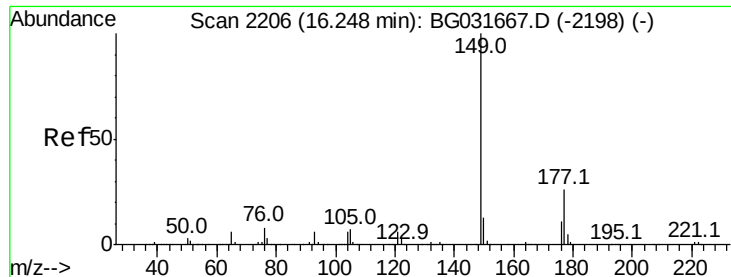
Abundance Ion 232.00 (231.70 to 232.70): E

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

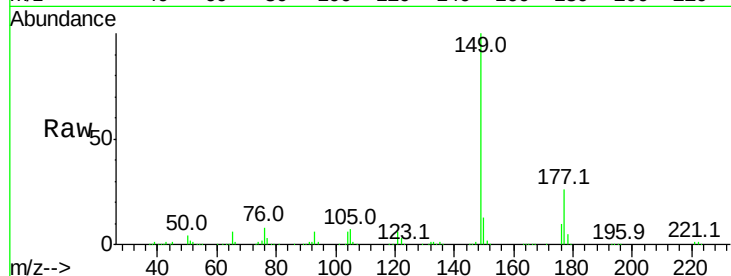




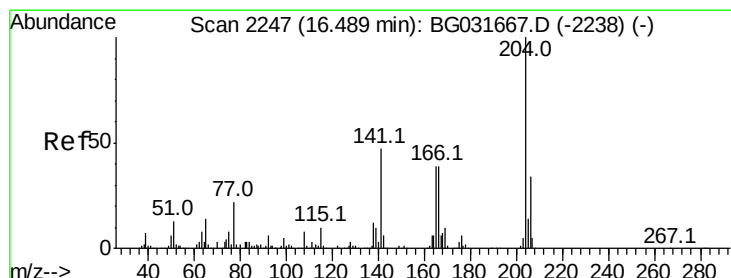
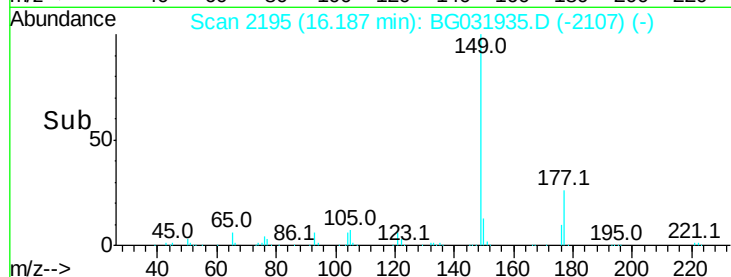
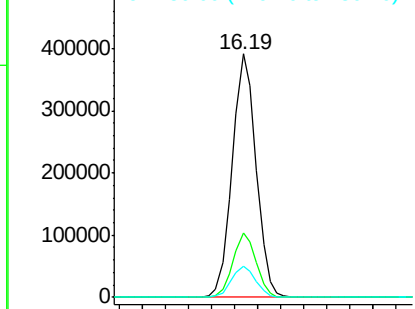
#59
Diethylphthalate
Concen: 41.810 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

Tot Ion:149 Resp: 557494
Ion Ratio Lower Upper
149 100
177 26.4 18.5 27.7
150 13.0 10.2 15.2

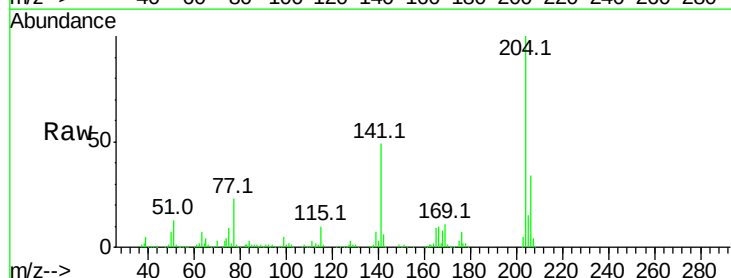


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

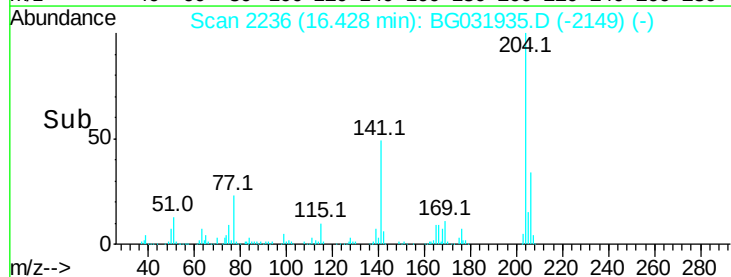
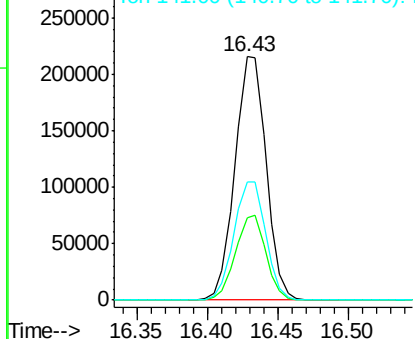


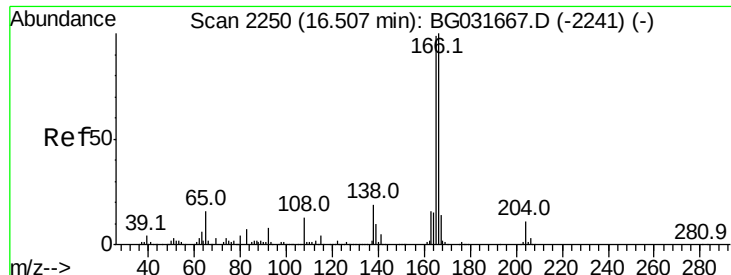
#60
4-Chlorophenyl-phenylether
Concen: 41.230 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

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

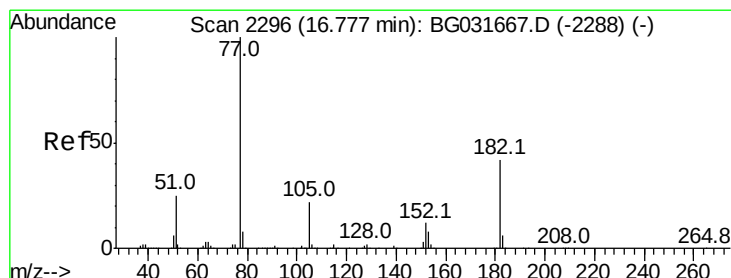
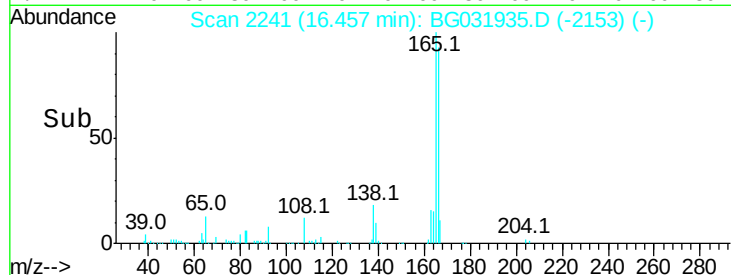
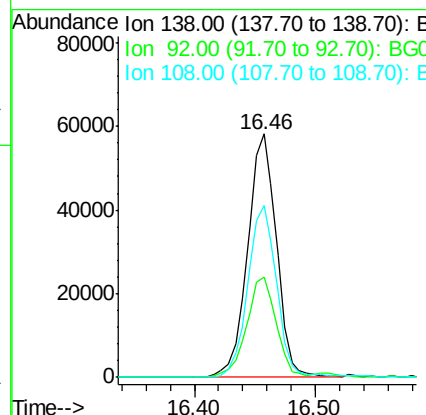
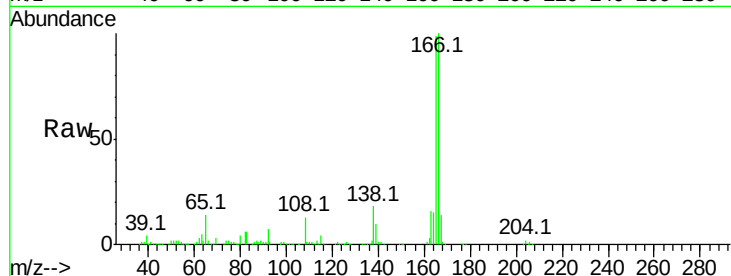




#61
4-Nitroaniline
Concen: 40.579 ng
RT: 16.46 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

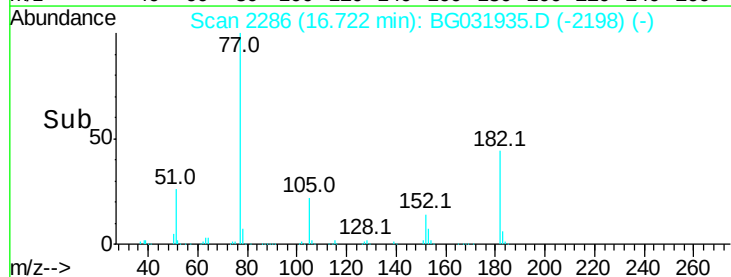
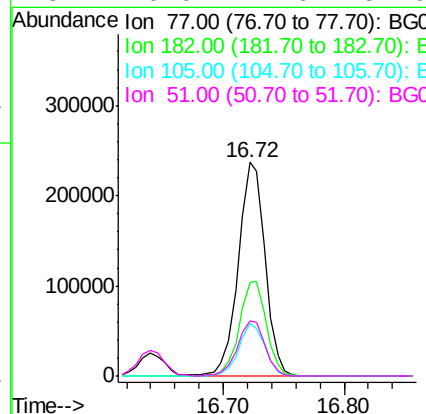
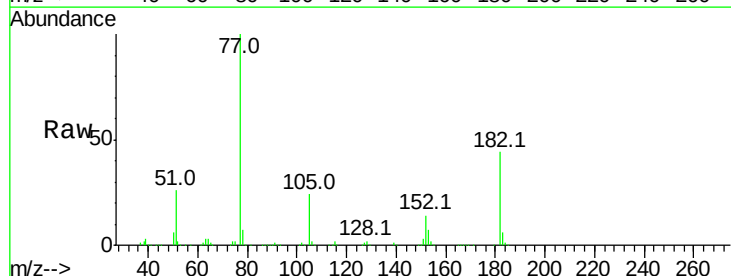
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

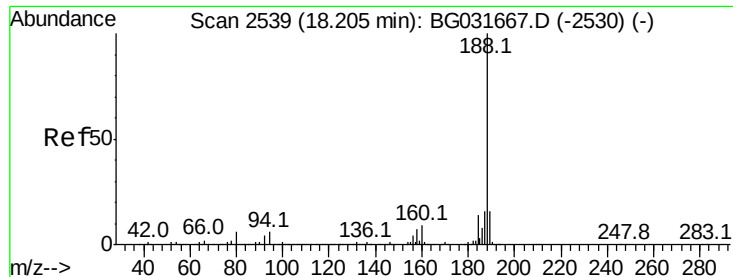
Tot Ion:138 Resp: 97229
Ion Ratio Lower Upper
138 100
92 41.3 40.1 80.1
108 70.4 65.4 105.4



#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

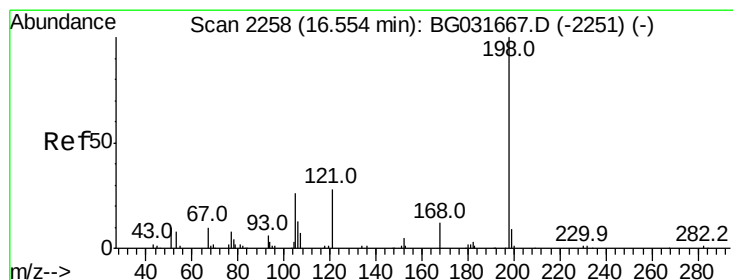
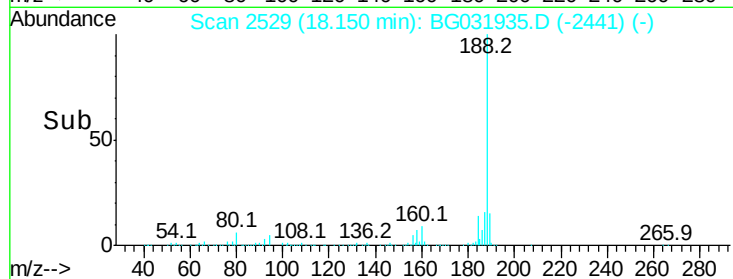
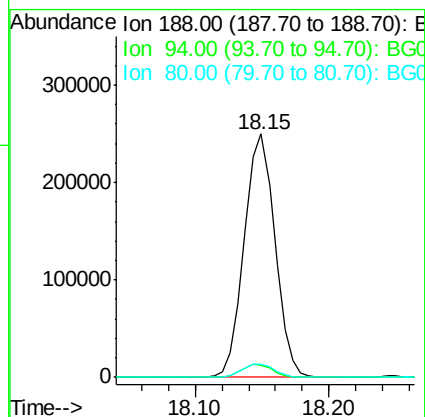
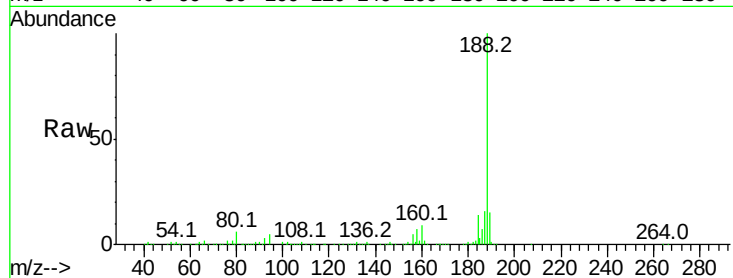




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

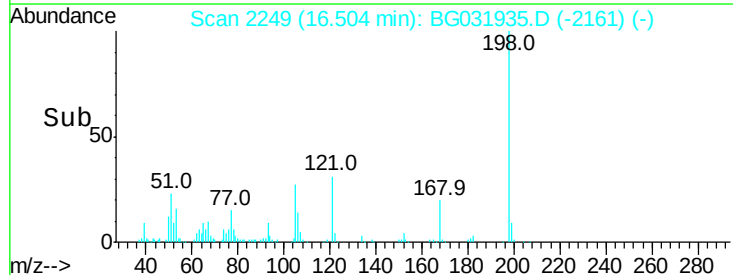
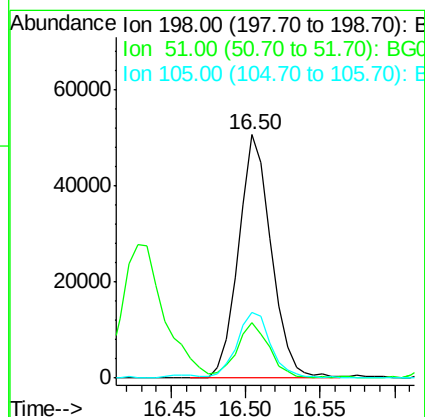
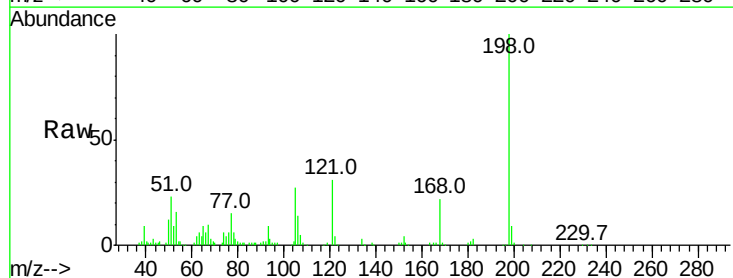
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

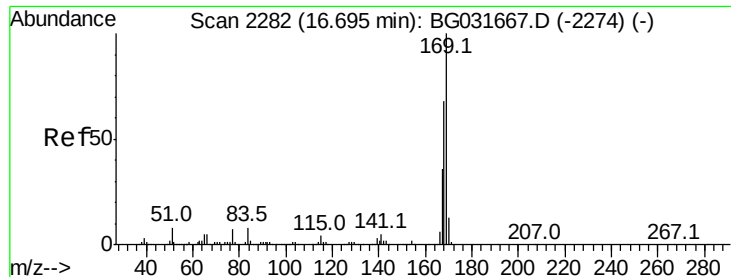
Tot Ion:188 Resp: 397411
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 5.6 7.7 11.5#



#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





#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

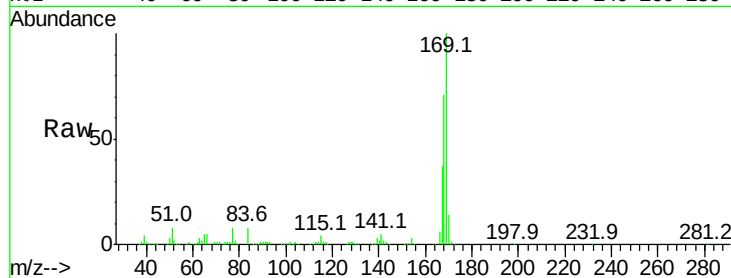
Tot Ion:169 Resp: 516884

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

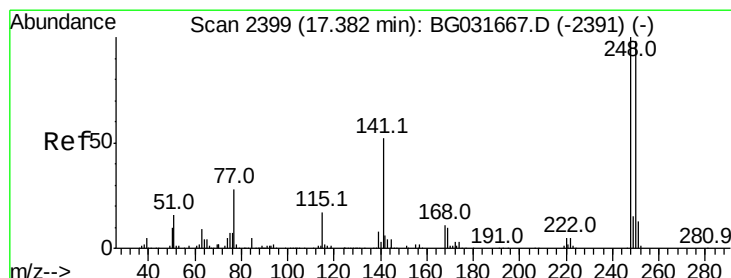
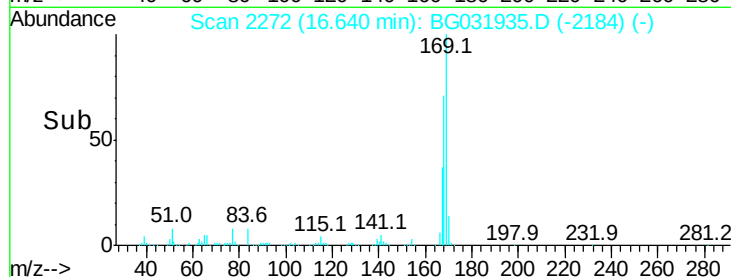
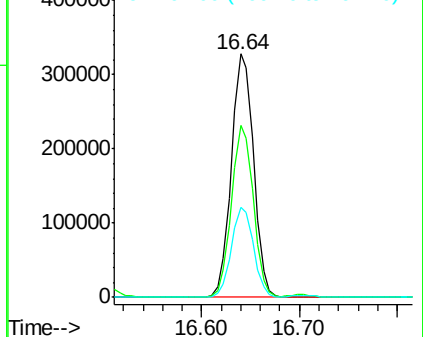
167 36.8 30.1 45.1



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

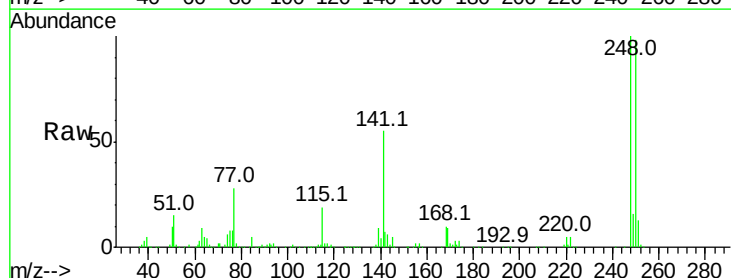
Tgt Ion:248 Resp: 244611

Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

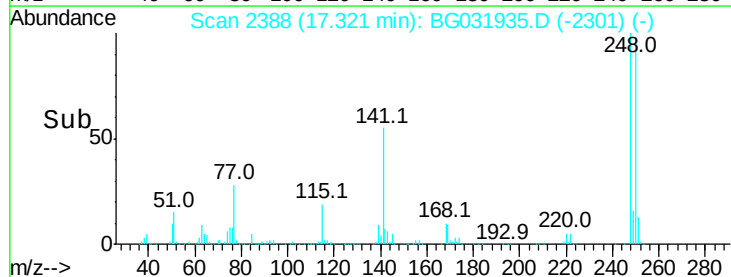
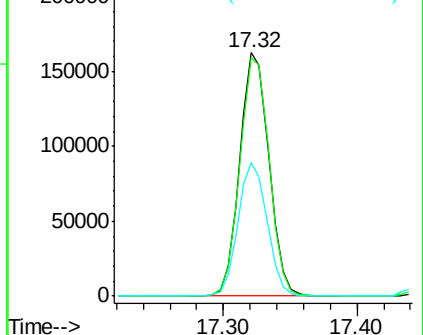
141 55.1 50.8 76.2

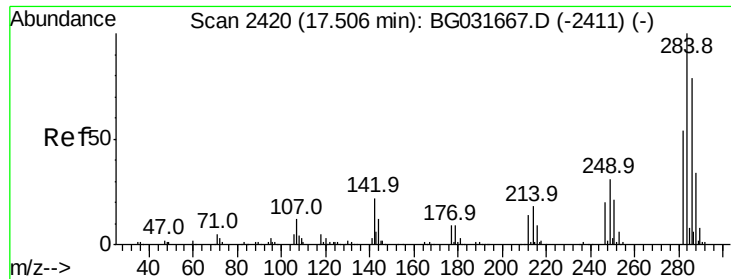


Abundance Ion 248.00 (247.70 to 248.70): E

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

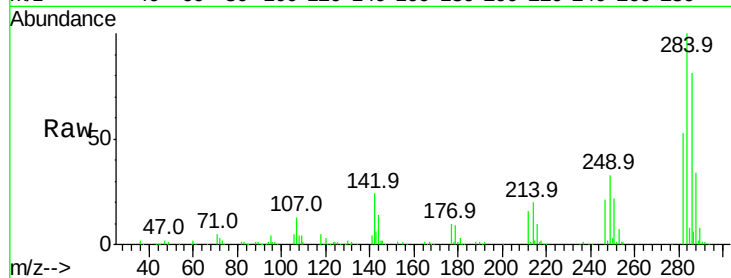
Tot Ion:284 Resp: 247928

Ion Ratio Lower Upper

284 100

142 23.6 26.8 40.2#

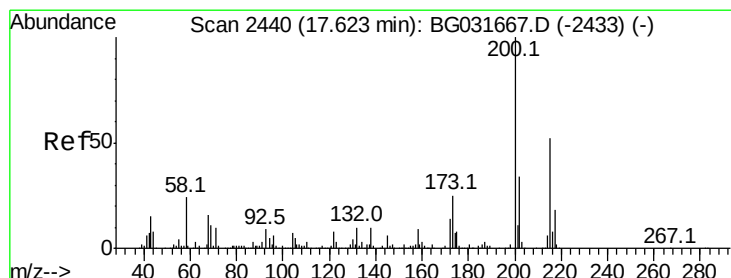
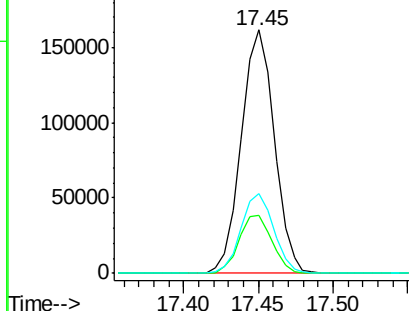
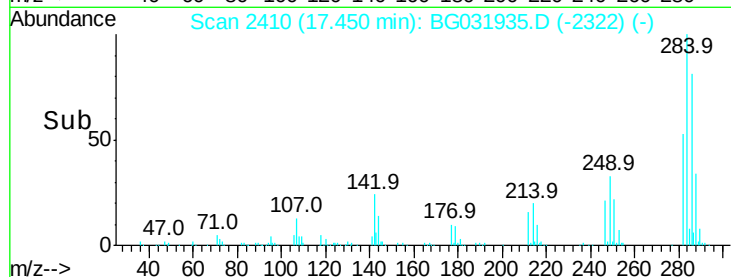
249 32.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 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

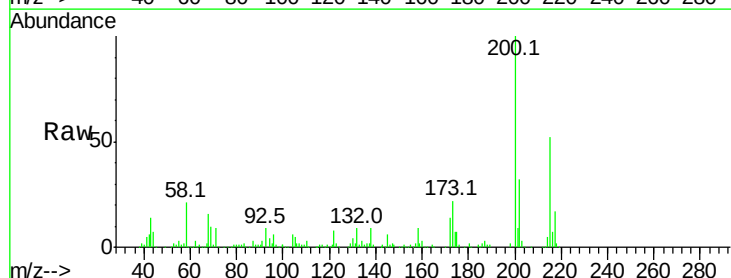
Tgt Ion:200 Resp: 231184

Ion Ratio Lower Upper

200 100

173 22.3 5.2 45.2

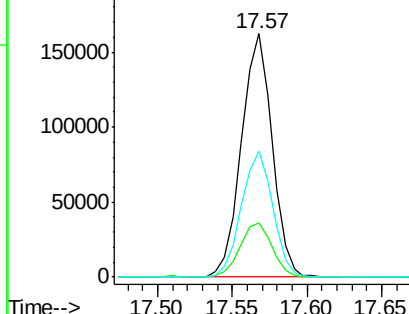
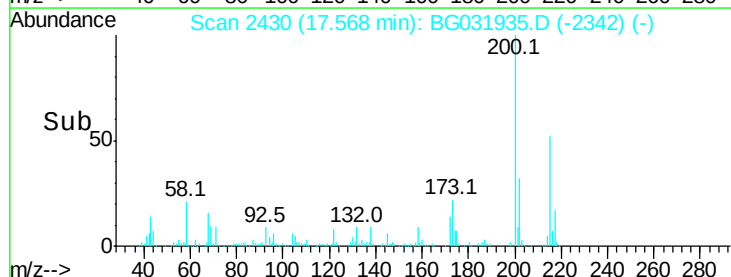
215 51.9 30.4 70.4

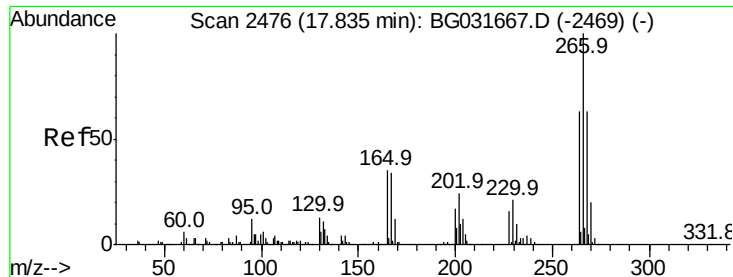


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 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 :

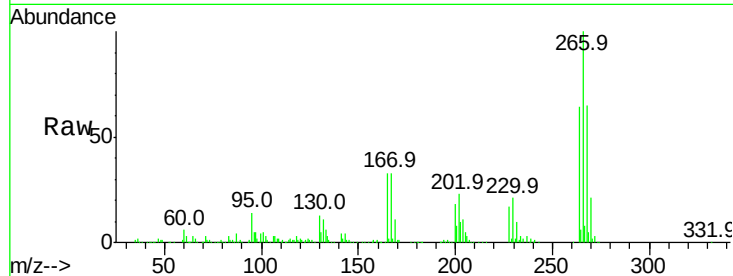
BNA_G

ClientSampleId :

HR-06-010318-AMS

Tot Ion:266 Resp: 314170

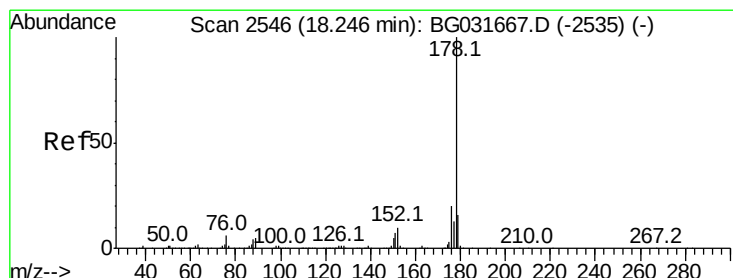
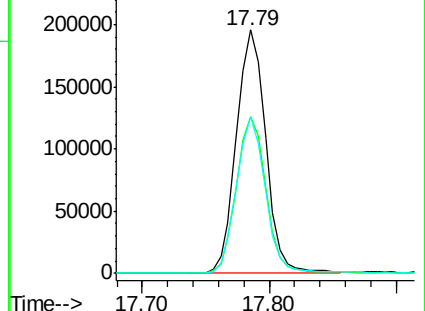
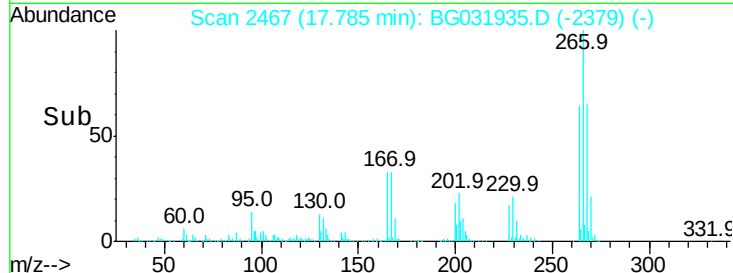
Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.4	49.6	74.4



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

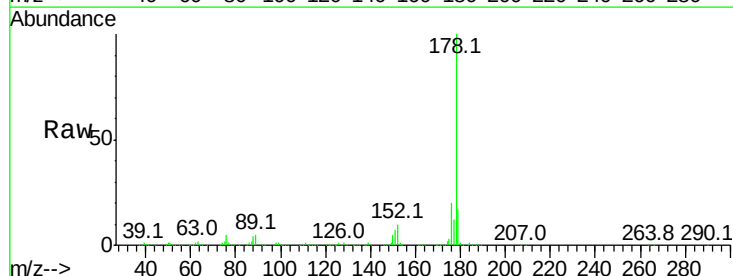
Delta R.T. -0.02 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion:178 Resp: 948161

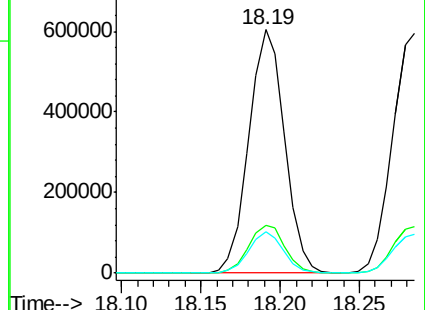
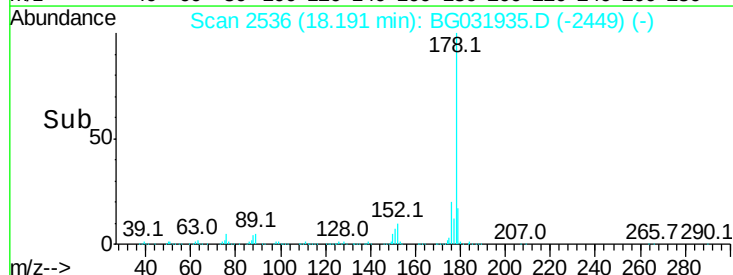
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.9	12.5	18.7

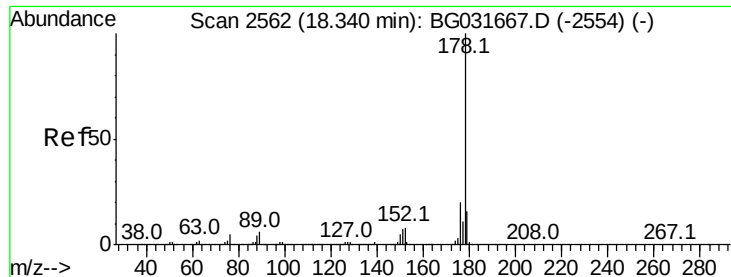


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

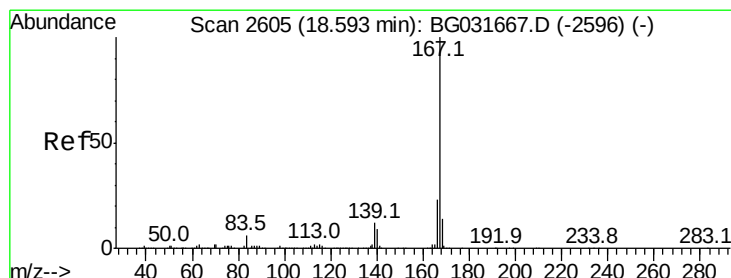
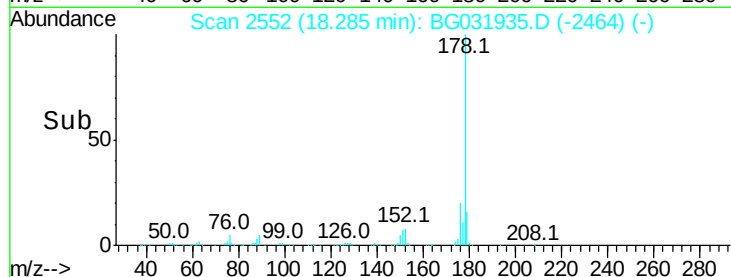
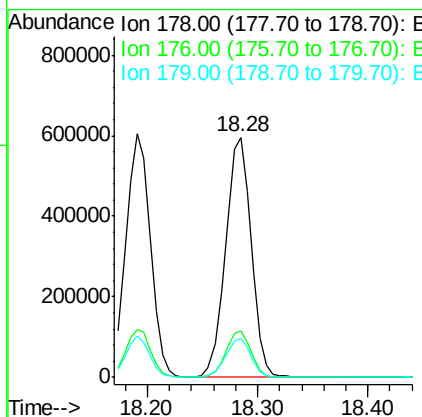
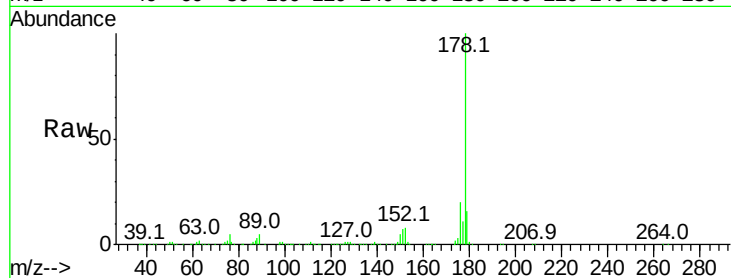




#71
 Anthracene
 Concen: 42.667 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

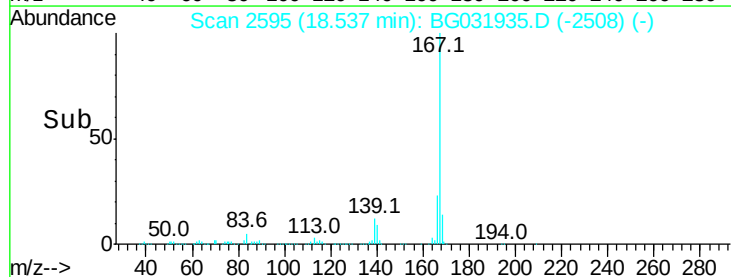
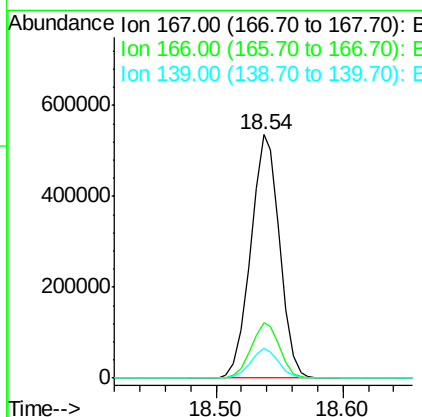
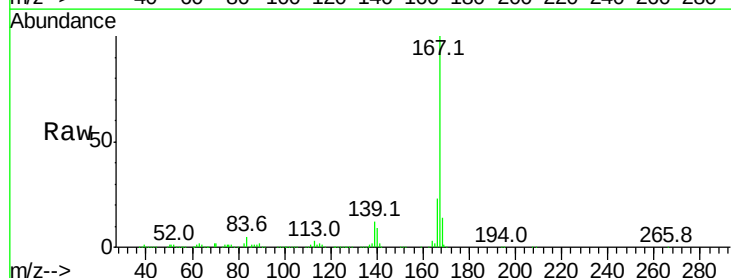
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

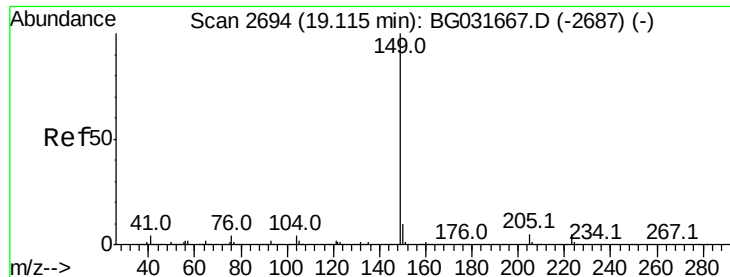
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.2	12.5	18.7



#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	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

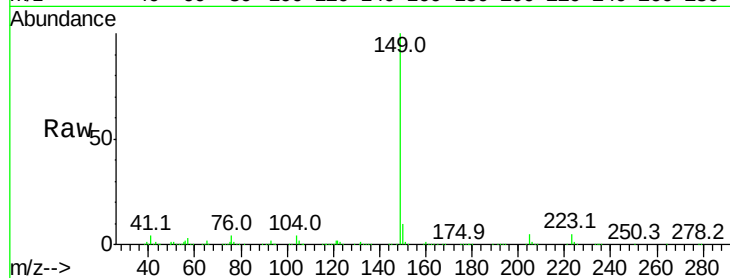
Tot Ion:149 Resp: 932749

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

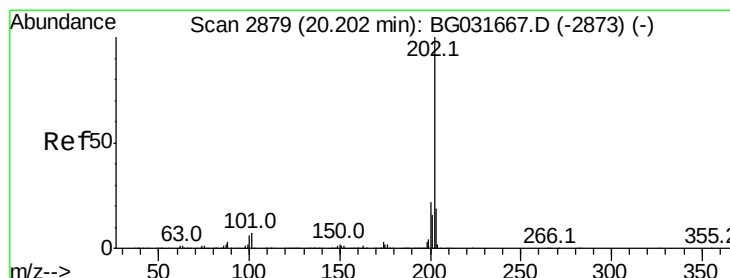
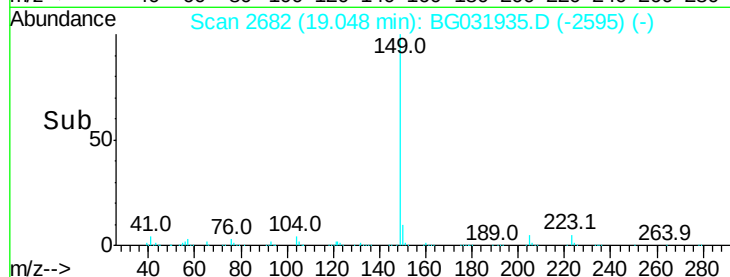
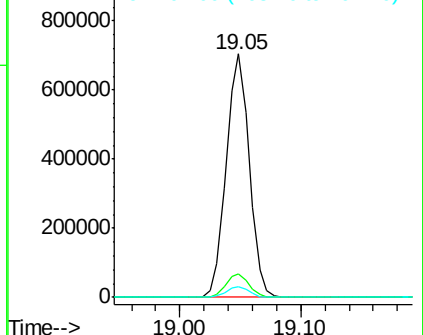
104 4.3 3.9 5.9



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

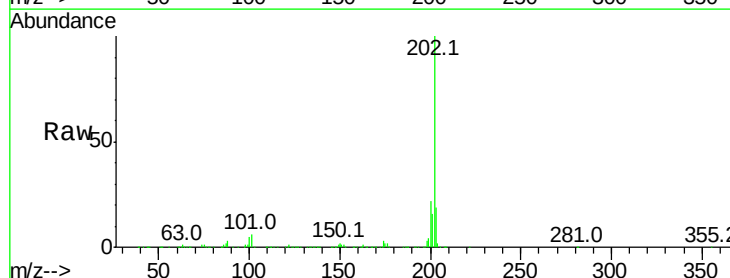
Tgt Ion:202 Resp: 1181804

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

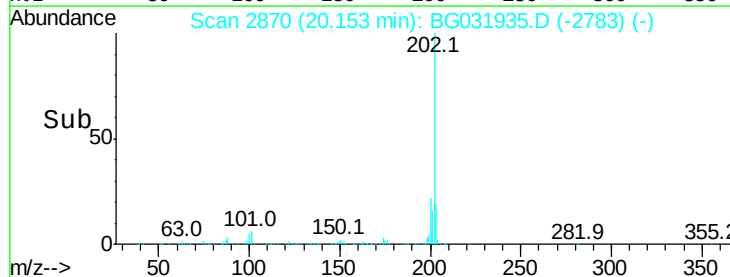
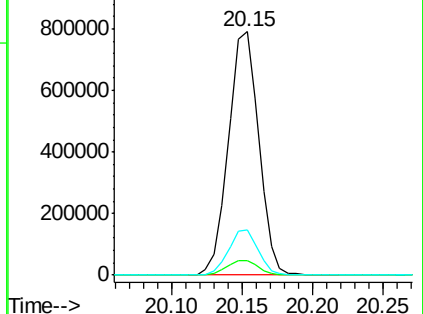
203 18.7 0.0 37.5

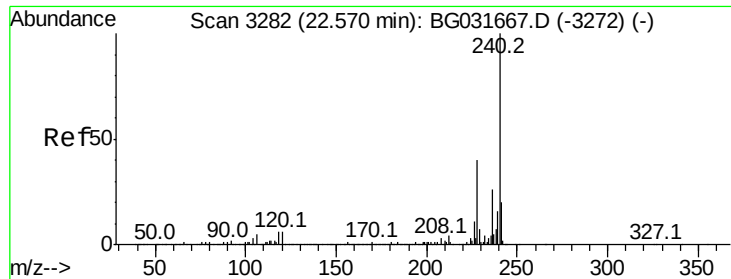


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

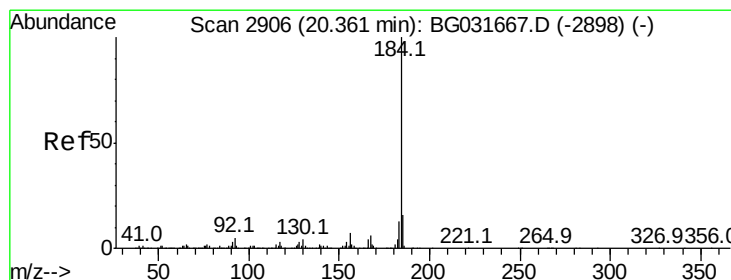
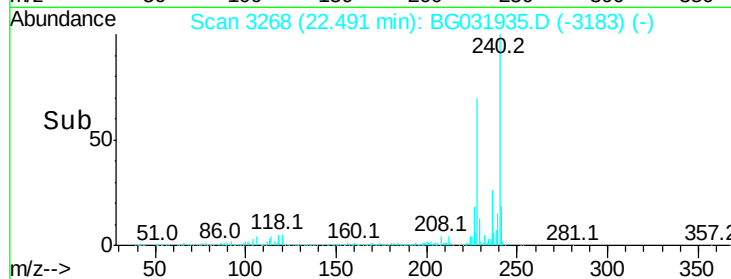
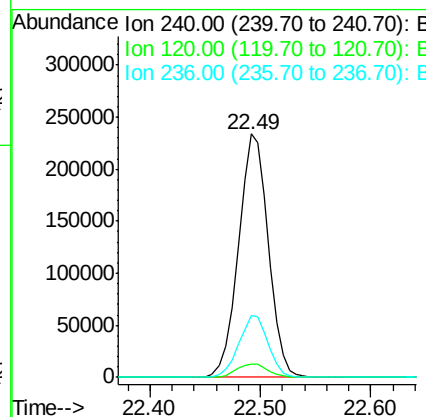
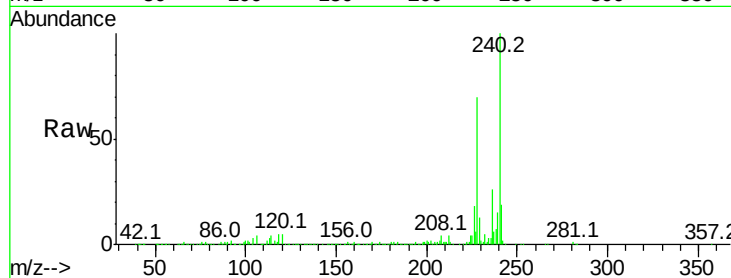




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.03 min
Lab File: BG031935.D
Acq: 5 Jan 2018 16:37

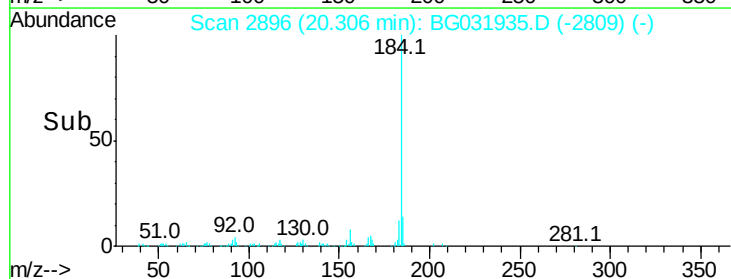
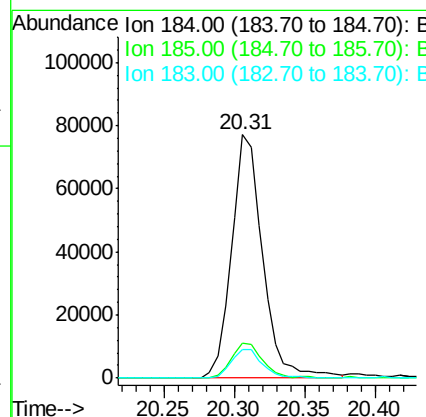
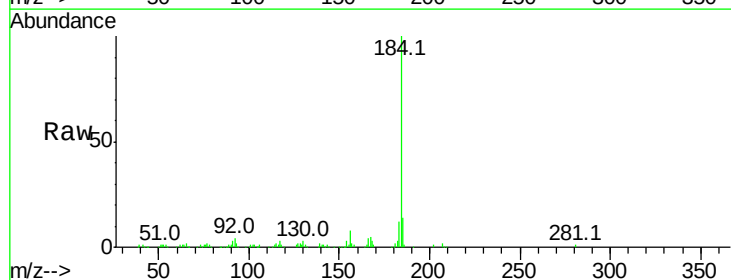
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMS

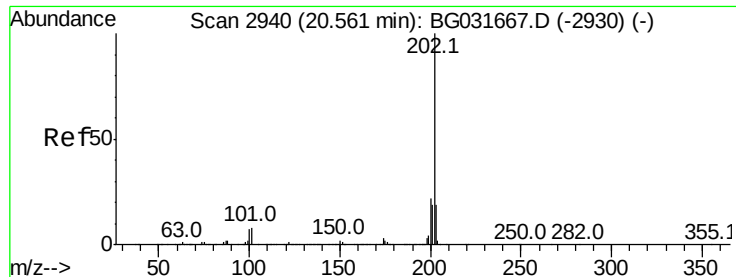
Tot Ion:240 Resp: 442497
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.5 20.9 31.3



#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

Pvrene

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 :

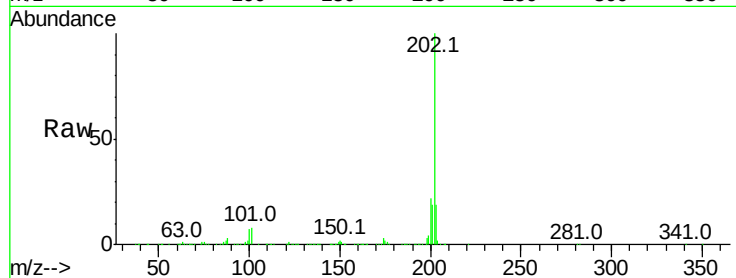
BNA_G

ClientSampleId :

HR-06-010318-AMS

Tot Ion:202 Resp: 1197424

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

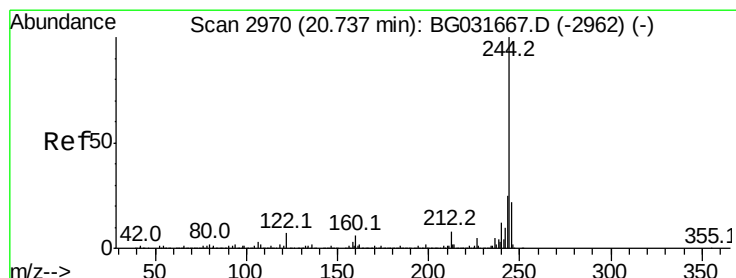
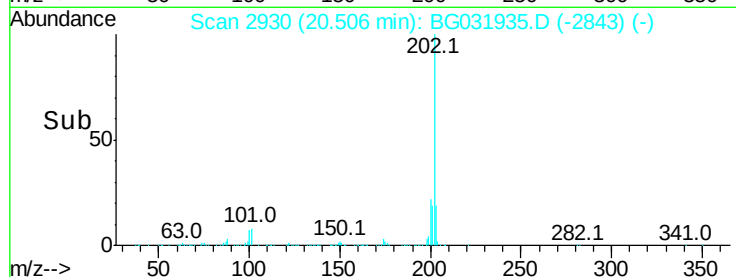
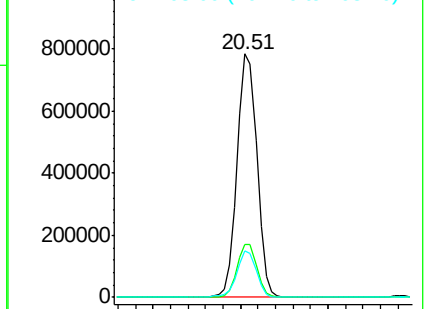


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.807 ng

RT: 20.68 min Scan# 2960

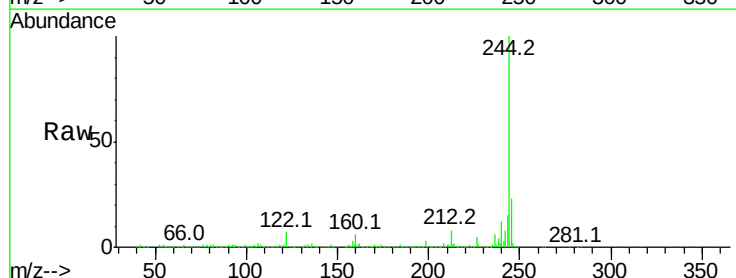
Delta R.T. -0.02 min

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

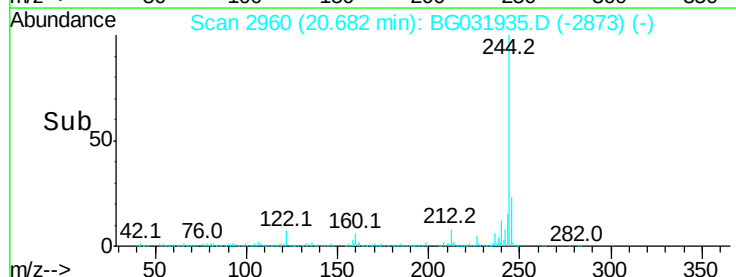
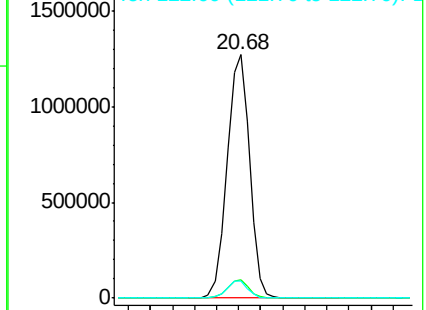


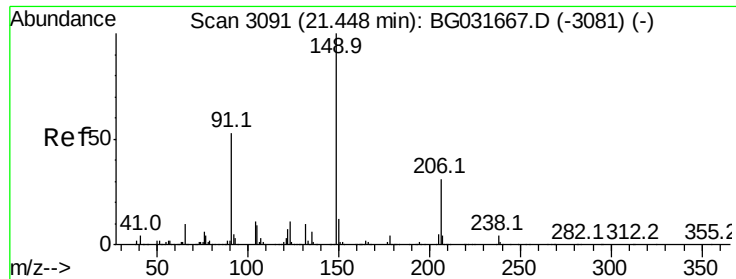
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

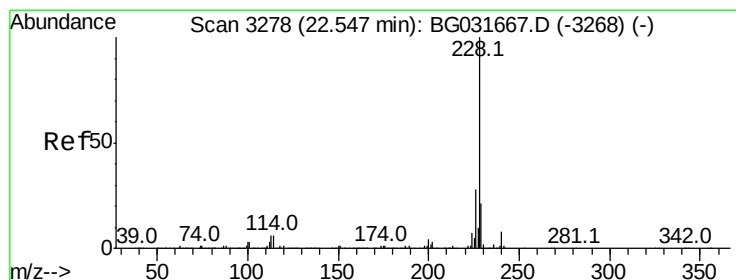
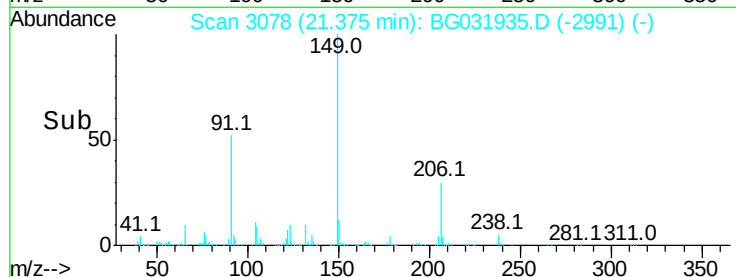
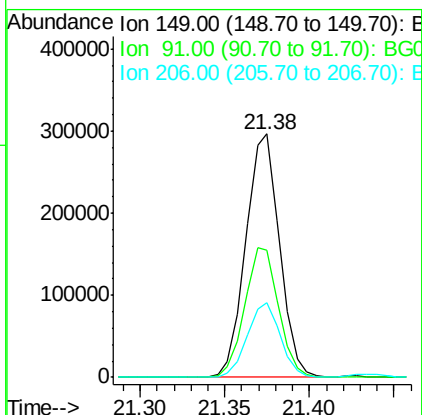
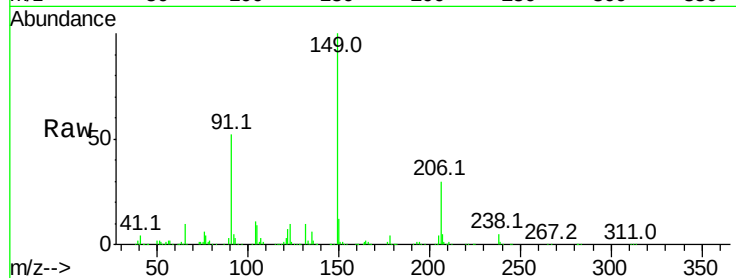




#79
 Butylbenzylphthalate
 Concen: 43.533 ng
 RT: 21.38 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

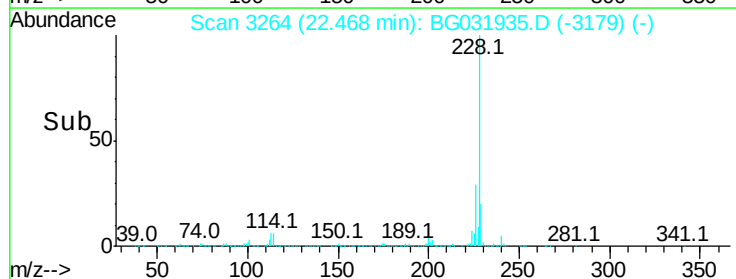
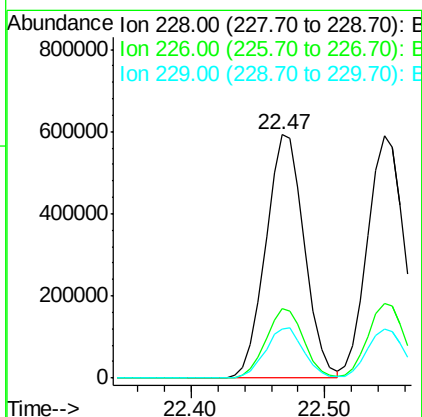
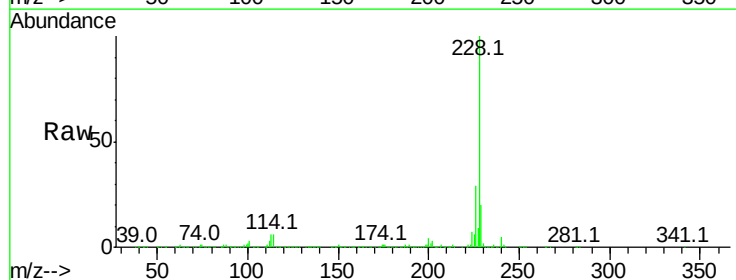
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

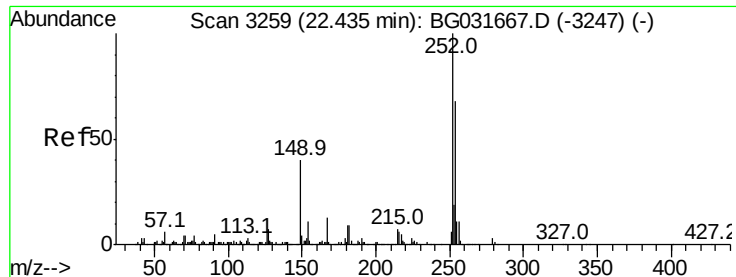
Tot Ion:149 Resp: 413063
 Ion Ratio Lower Upper
 149 100
 91 52.0 62.2 93.2#
 206 30.5 18.6 27.8#



#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

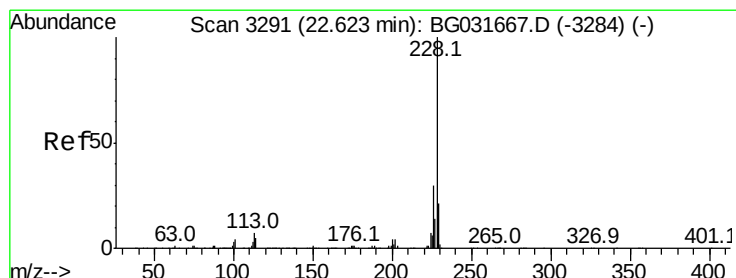
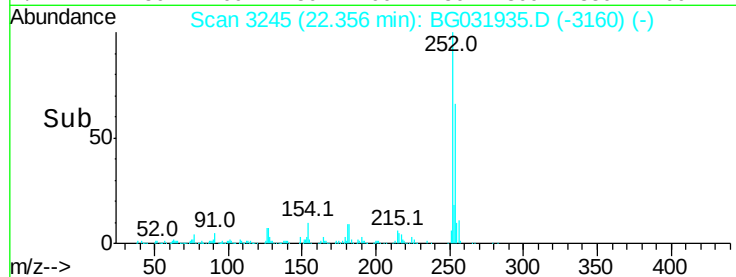
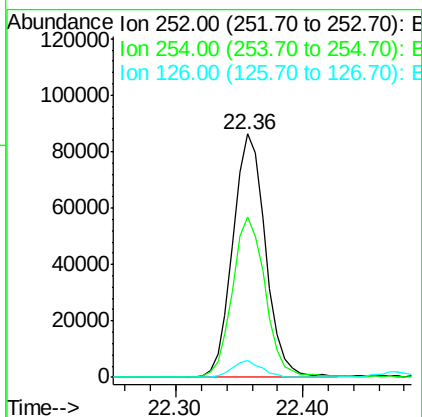
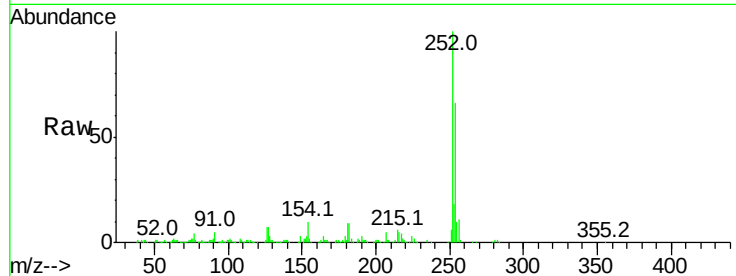




#81
 3,3'-Dichlorobenzidine
 Concen: 14.087 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. -0.03 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

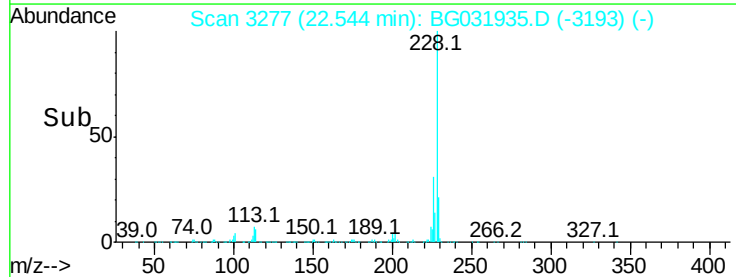
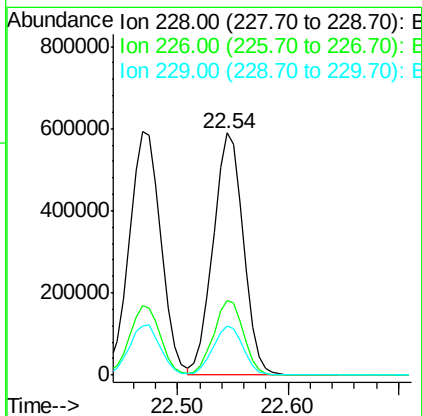
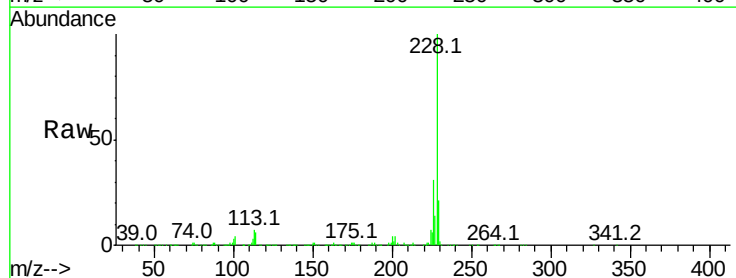
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

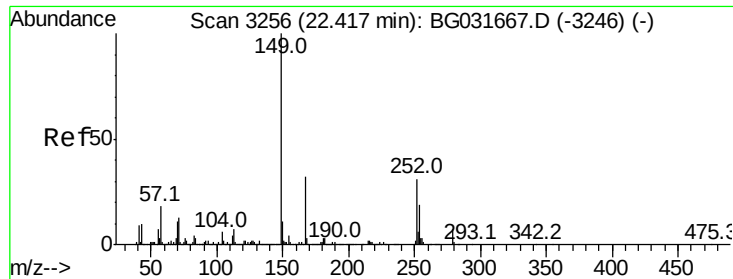
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	7.2	7.4	11.2#



#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	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

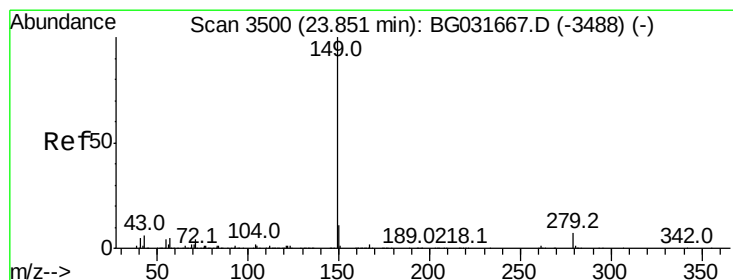
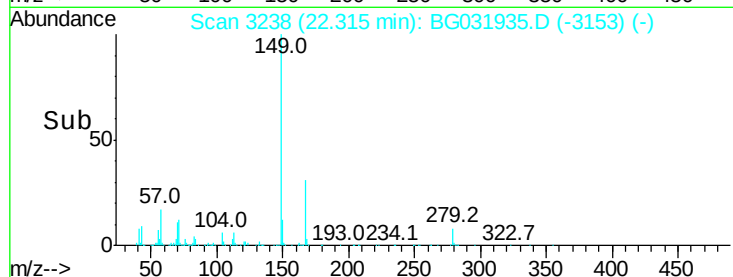
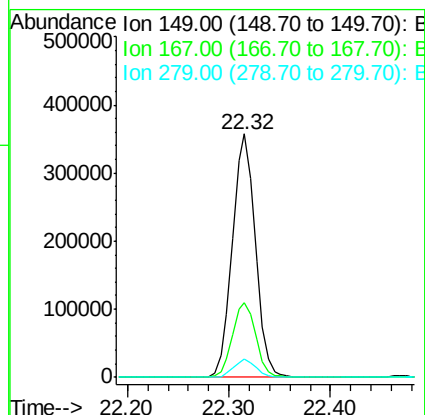
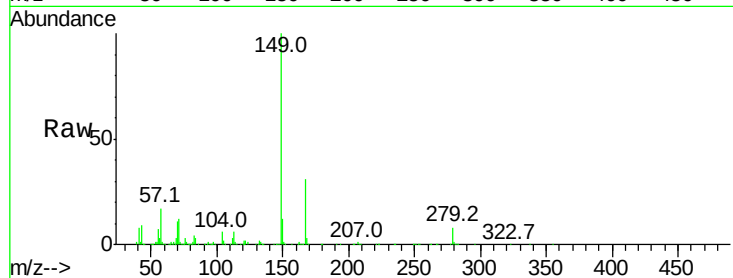
Tot Ion:149 Resp: 561761

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

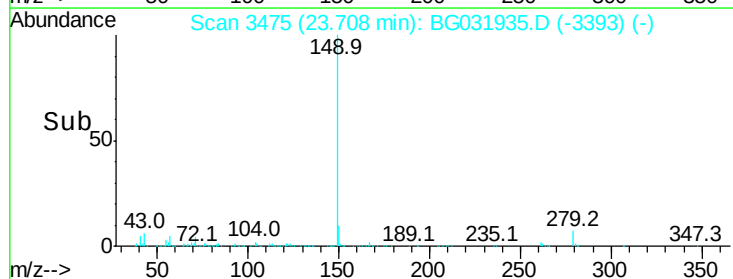
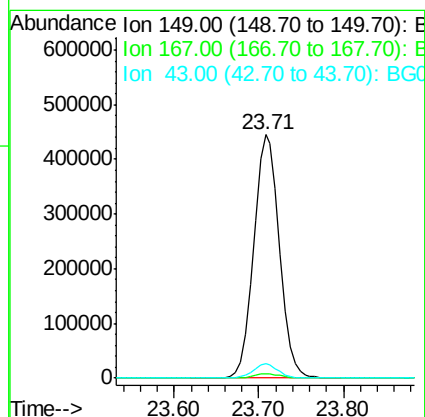
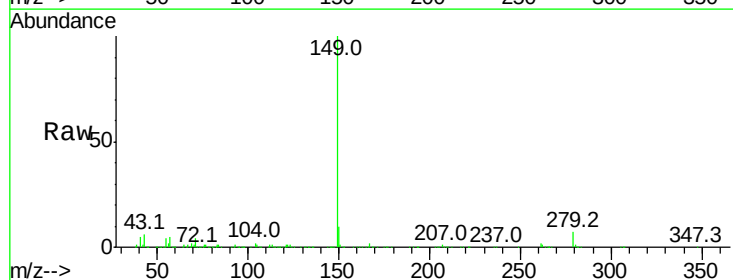
Tgt Ion:149 Resp: 939782

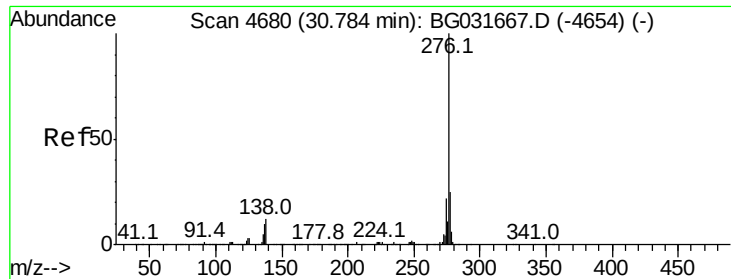
Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 5.5 8.9 13.3#

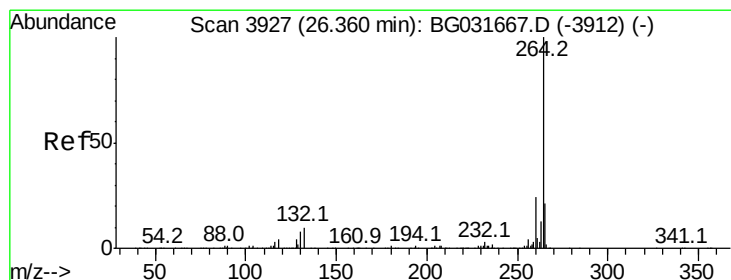
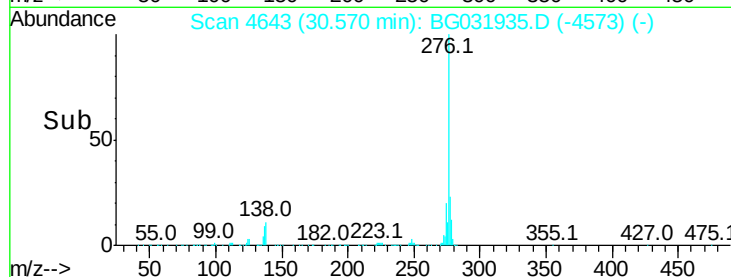
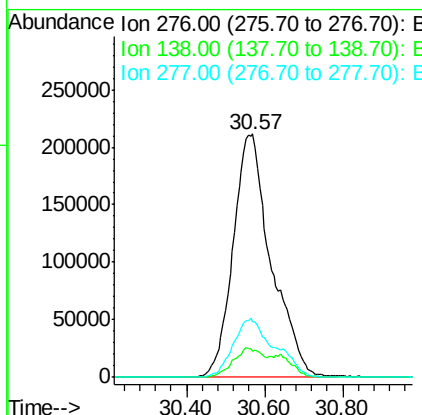
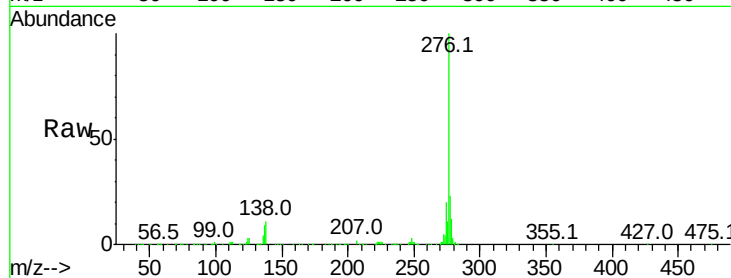




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.891 ng
 RT: 30.57 min Scan# 4643
 Delta R.T. -0.12 min
 Lab File: BG031935.D
 Acq: 5 Jan 2018 16:37

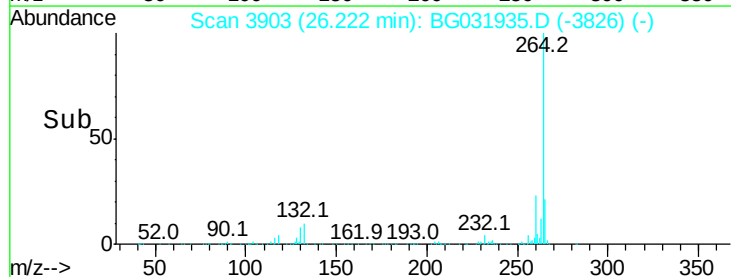
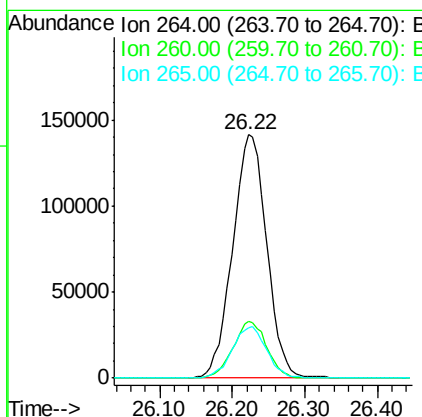
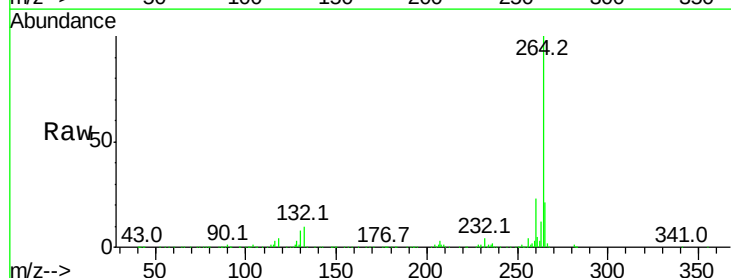
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-AMS

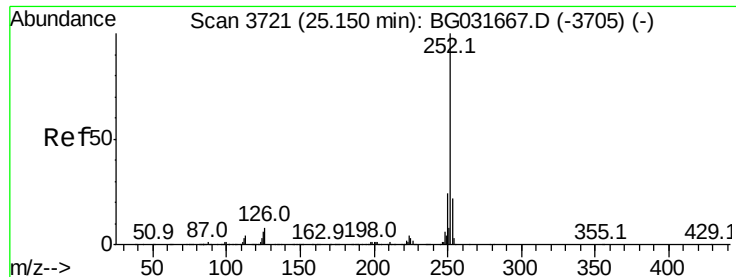
Tot Ion:276 Resp: 1431302
 Ion Ratio Lower Upper
 276 100
 138 10.2 16.0 24.0#
 277 26.3 20.0 30.0



#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

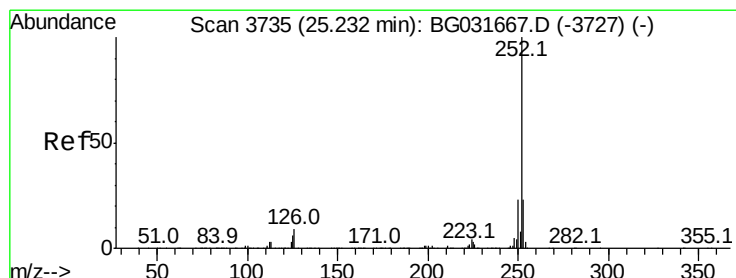
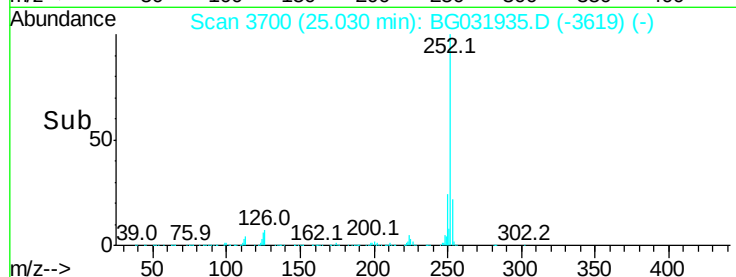
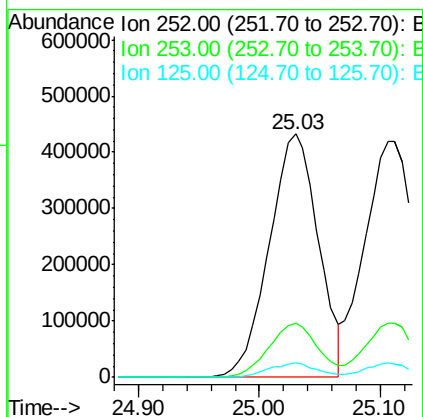
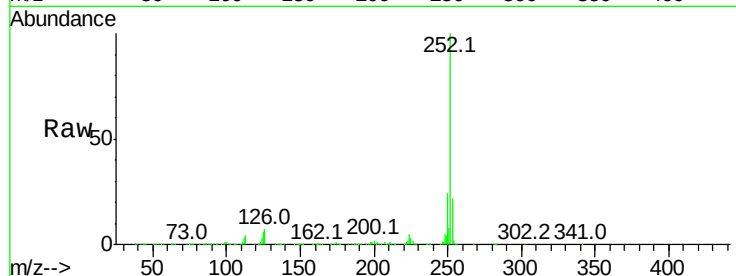
Tot Ion:252 Resp: 1216054

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

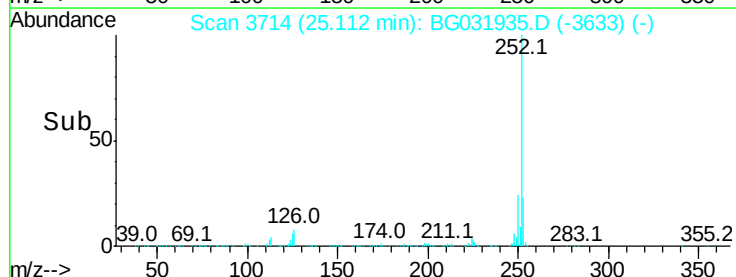
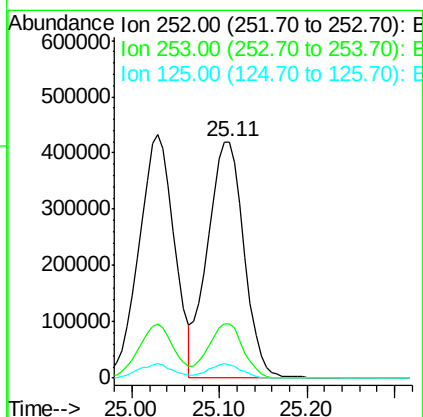
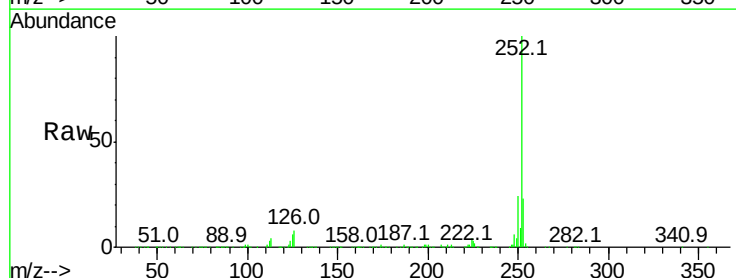
Tgt Ion:252 Resp: 1202929

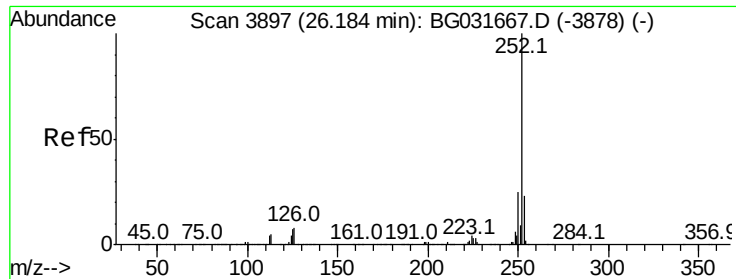
Ion Ratio Lower Upper

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 :

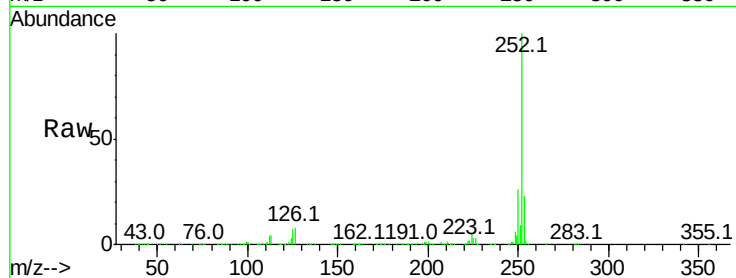
BNA_G

ClientSampleId :

HR-06-010318-AMS

Tot Ion:252 Resp: 1178539

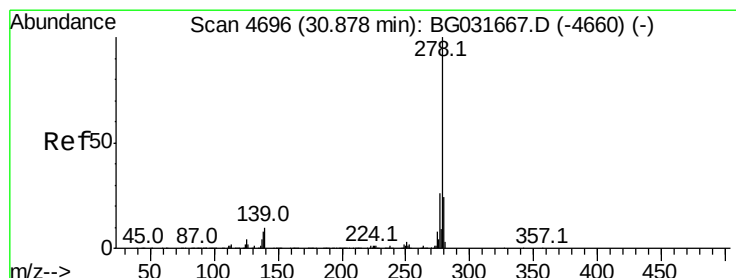
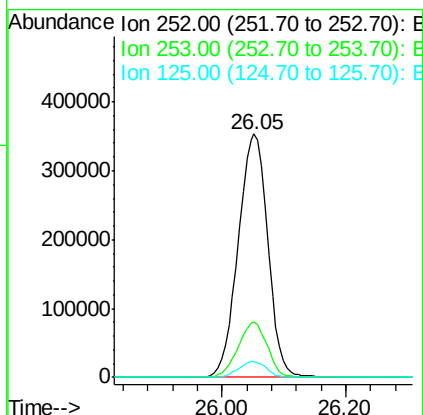
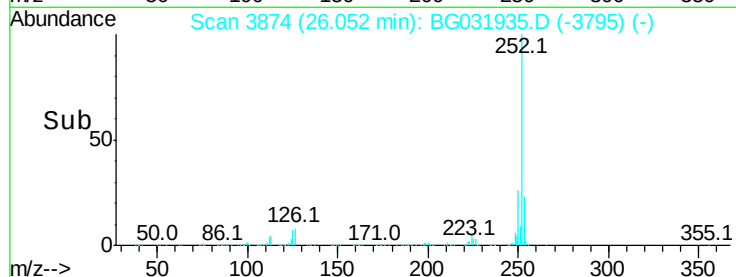
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.7	7.3	10.9#



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

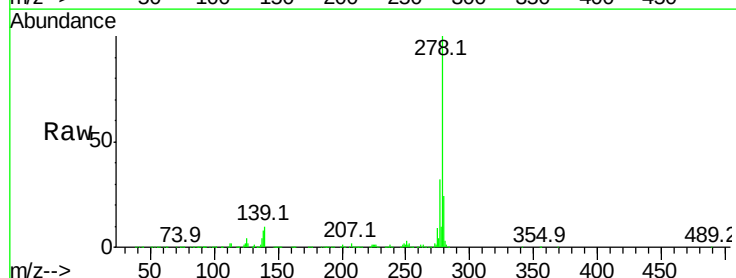
Delta R.T. -0.13 min

Lab File: BG031935.D

Acq: 5 Jan 2018 16:37

Tgt Ion:278 Resp: 1187354

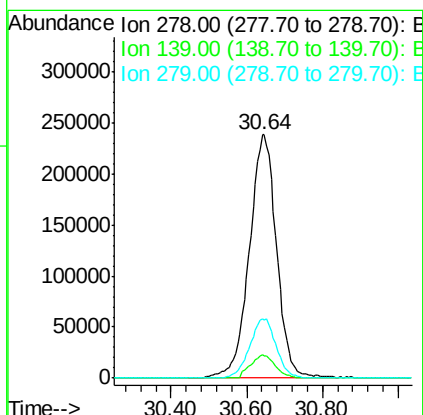
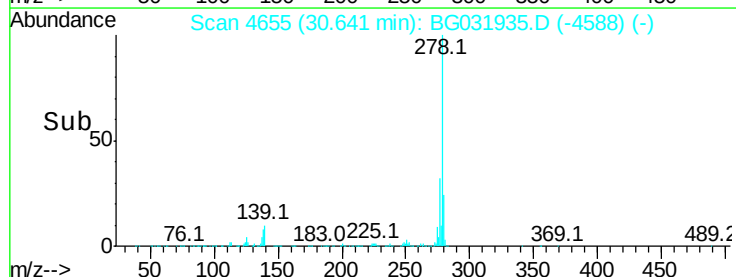
Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.8	14.6#
279	24.2	18.4	27.6

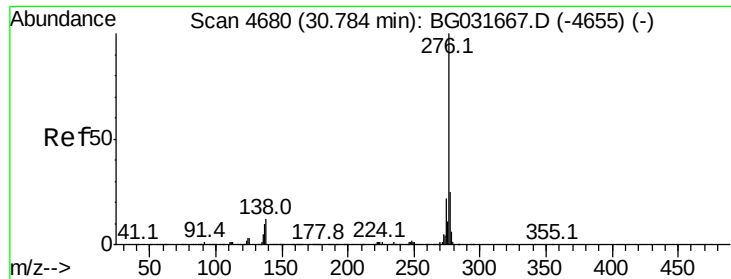


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

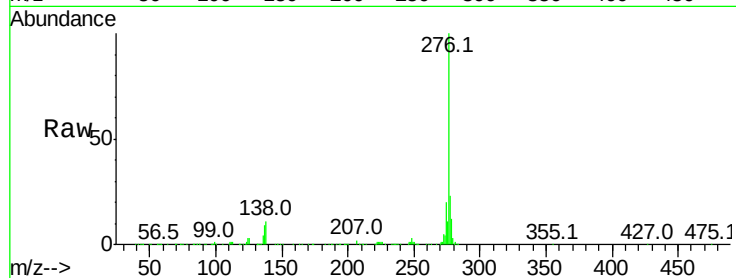
Tot Ion:276 Resp: 1431302

Ion Ratio Lower Upper

276 100

277 22.9 18.3 27.5

138 10.7 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

