

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035904.D
 Acq On : 26 Jul 2018 11:24
 Operator : JU/SJ
 Sample : J3821-08MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Quant Time: Jul 26 13:33:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43076	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	159807	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	115513	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	314847	20.00	ng	0.00
75) Chrysene-d12	21.66	240	331746	20.00	ng	0.00
86) Perylene-d12	24.86	264	316523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	364075	140.32	ng	0.00
7) Phenol-d6	7.20	99	486075	125.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	369018	96.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	245529	161.26	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	831468	96.44	ng	0.00
78) Terphenyl-d14	20.00	244	1406305	93.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42247	31.992	ng	# 76
3) Pyridine	3.93	79	93870	27.229	ng	# 71
4) n-Nitrosodimethylamine	3.83	42	50091	33.840	ng	# 84
6) Aniline	7.36	93	52619	10.487	ng	# 93
8) 2-Chlorophenol	7.60	128	120998	45.853	ng	97
9) Benzaldehyde	7.17	77	57034	24.012	ng	96
10) Phenol	7.23	94	157453	40.260	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	123165	40.213	ng	89
12) 1,3-Dichlorobenzene	7.91	146	135669	42.574	ng	93
13) 1,4-Dichlorobenzene	8.06	146	138514	42.781	ng	94
14) 1,2-Dichlorobenzene	8.38	146	133152	42.809	ng	96
15) Benzyl Alcohol	8.27	79	142489	40.534	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139666	54.391	ng	77
17) 2-Methylphenol	8.47	107	117871	44.328	ng	# 91
18) Hexachloroethane	9.11	117	51271	41.416	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	117301	35.984	ng	# 84
20) 3+4-Methylphenols	8.80	107	159064	43.121	ng	92
22) Acetophenone	8.85	105	214874	43.238	ng	# 91
24) Nitrobenzene	9.23	77	174278	45.300	ng	96
25) Isophorone	9.75	82	330807	46.584	ng	99
26) 2-Nitrophenol	9.94	139	70608	51.676	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	124359	53.769	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	173694	44.389	ng	96
29) 2,4-Dichlorophenol	10.48	162	136661	51.763	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	152257	47.031	ng	96
31) Naphthalene	10.88	128	389920	46.840	ng	98
32) Benzoic acid	10.17	122	50940	32.717	ng	97
33) 4-Chloroaniline	11.01	127	8517	2.347	ng	# 86
34) Hexachlorobutadiene	11.16	225	116640	46.204	ng	96
35) Caprolactam	11.77	113	18273	16.128	ng	# 70
36) 4-Chloro-3-methylphenol	12.11	107	165683	46.818	ng	99
37) 2-Methylnaphthalene	12.48	142	301543	48.621	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	203260	46.621	ng	100
40) Hexachlorocyclopentadiene	12.83	237	255453	111.722	ng	93

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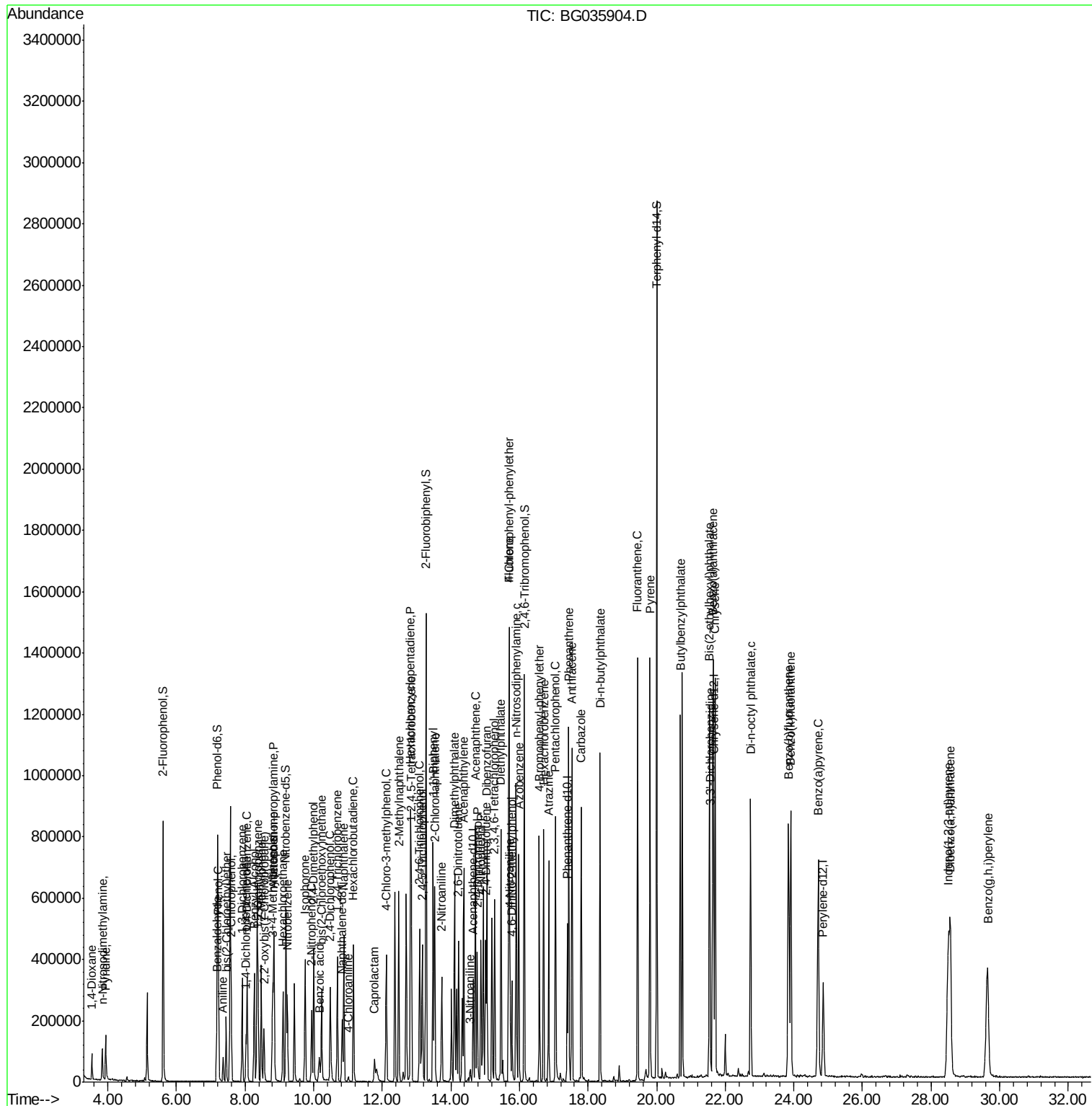
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	130510	51.187	ng	92
43) 2,4,5-Trichlorophenol	13.17	196	137580	48.235	ng	96
45) 1,1'-Biphenyl	13.48	154	409565	45.733	ng	98
46) 2-Chloronaphthalene	13.53	162	321837	46.201	ng	97
47) 2-Nitroaniline	13.73	65	104895	42.593	ng	98
48) Acenaphthylene	14.38	152	539012	46.192	ng	97
49) Dimethylphthalate	14.11	163	442381	43.711	ng	100
50) 2,6-Dinitrotoluene	14.22	165	103109	50.030	ng	93
51) Acenaphthene	14.72	154	313901	43.183	ng	97
52) 3-Nitroaniline	14.56	138	10782	5.119	ng	# 69
53) 2,4-Dinitrophenol	14.76	184	103243	95.983	ng	# 71
54) Dibenzofuran	15.05	168	518446	44.846	ng	94
55) 4-Nitrophenol	14.88	139	126967	84.638	ng	# 88
56) 2,4-Dinitrotoluene	15.02	165	146881	49.677	ng	# 86
57) Fluorene	15.70	166	431765	44.561	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	140175	51.257	ng	94
59) Diethylphthalate	15.46	149	442054	42.478	ng	99
60) 4-Chlorophenyl-phenylether	15.69	204	253878	44.580	ng	98
61) 4-Nitroaniline	15.72	138	82355	37.376	ng	# 77
62) Azobenzene	15.98	77	448629	43.705	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	84591	48.265	ng	81
65) n-Nitrosodiphenylamine	15.90	169	381933	42.618	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	169624	46.437	ng	99
67) Hexachlorobenzene	16.70	284	174820	46.474	ng	95
68) Atrazine	16.85	200	153586	41.624	ng	97
69) Pentachlorophenol	17.05	266	176852	77.188	ng	96
70) Phenanthrene	17.44	178	697566	44.402	ng	98
71) Anthracene	17.53	178	707519	45.229	ng	97
72) Carbazole	17.80	167	636137	42.820	ng	99
73) Di-n-butylphthalate	18.35	149	739665	42.132	ng	# 98
74) Fluoranthene	19.45	202	903546	42.697	ng	96
77) Pyrene	19.80	202	910482	43.404	ng	96
79) Butylbenzylphthalate	20.69	149	335240	44.691	ng	98
80) Benzo(a)anthracene	21.64	228	905478	43.799	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	109449	15.183	ng	# 98
82) Chrysene	21.71	228	847495	44.238	ng	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	464745	45.572	ng	99
84) Di-n-octyl phthalate	22.74	149	794221	46.513	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.51	276	966493	45.568	ng	# 88
87) Benzo(b)fluoranthene	23.85	252	861627	44.787	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	844049	44.877	ng	# 96
89) Benzo(a)pyrene	24.71	252	833696	46.581	ng	# 96
90) Dibenzo(a,h)anthracene	28.56	278	801064	45.590	ng	# 96
91) Benzo(g,h,i)perylene	29.65	276	808343	47.013	ng	95

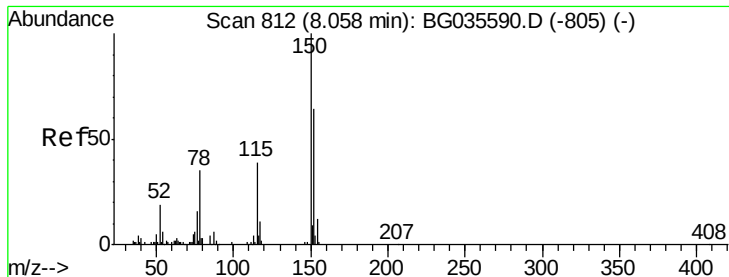
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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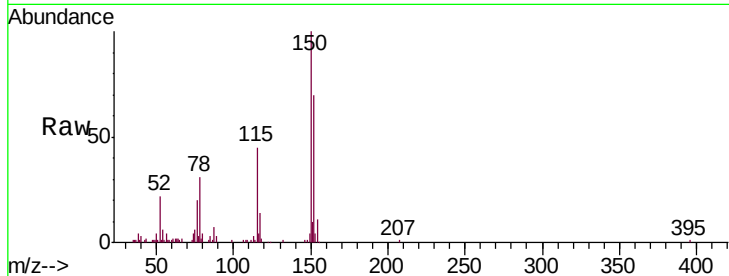


#1

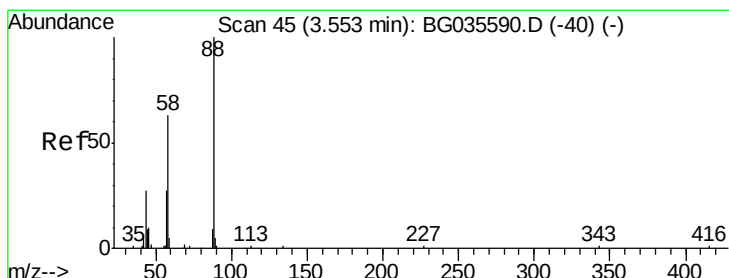
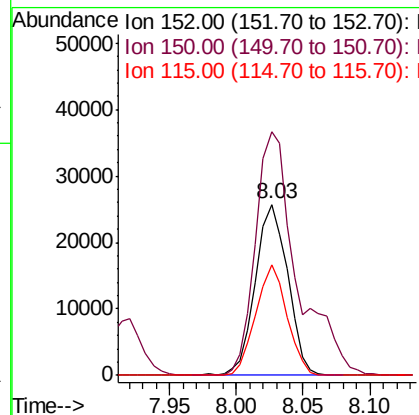
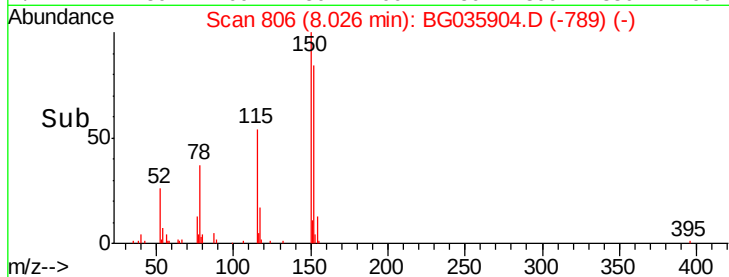
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Tgt Ion: 152 Resp: 43076
Ion Ratio Lower Upper
152 100
150 142.3 126.6 189.8
115 64.5 53.0 79.4



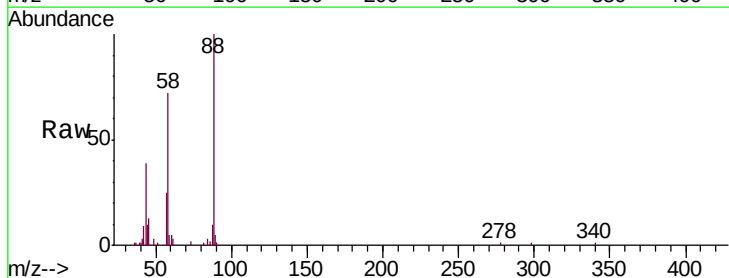
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



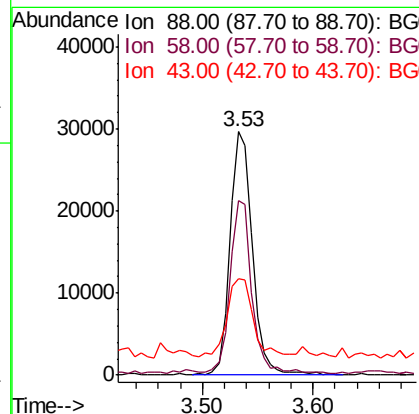
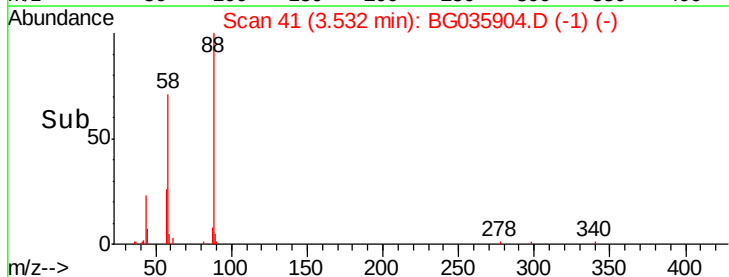
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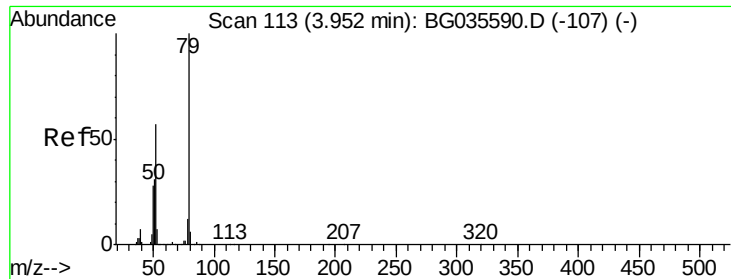
1,4-Dioxane
Concen: 31.992 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion: 88 Resp: 42247
Ion Ratio Lower Upper
88 100
58 69.7 79.6 119.4#
43 38.9 27.4 41.0



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





#3

Pyridine

Concen: 27.229 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

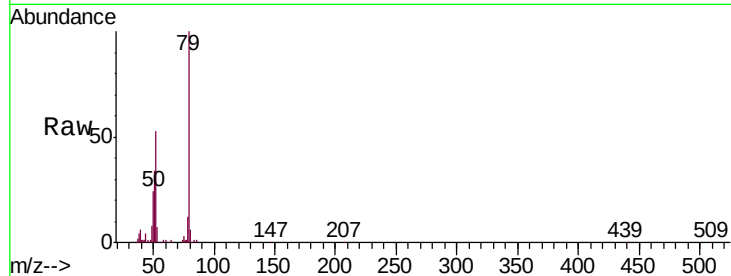
Tgt Ion: 79 Resp: 93870

Ion Ratio Lower Upper

79 100

52 53.2 69.9 104.9#

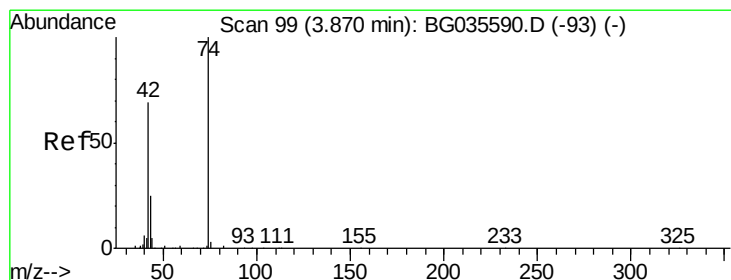
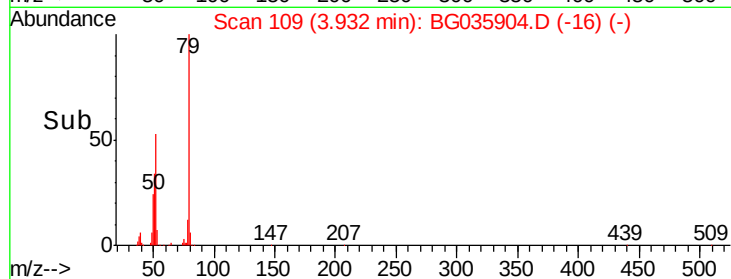
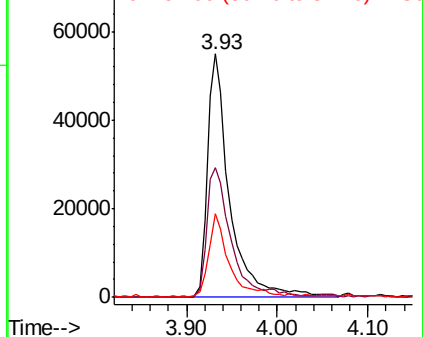
51 34.3 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.840 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

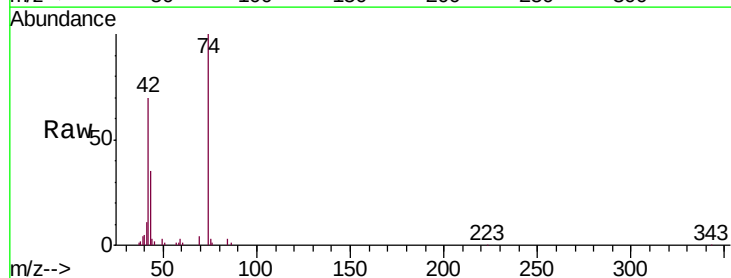
Tgt Ion: 42 Resp: 50091

Ion Ratio Lower Upper

42 100

74 142.0 102.5 153.7

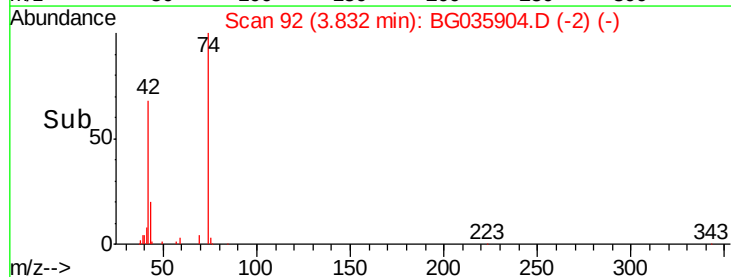
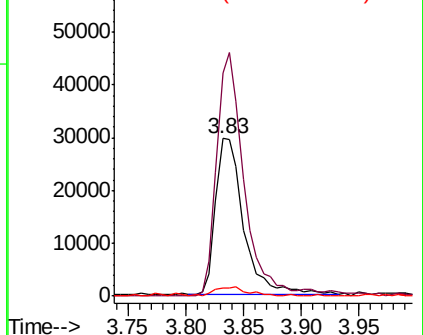
44 4.8 18.9 28.3#

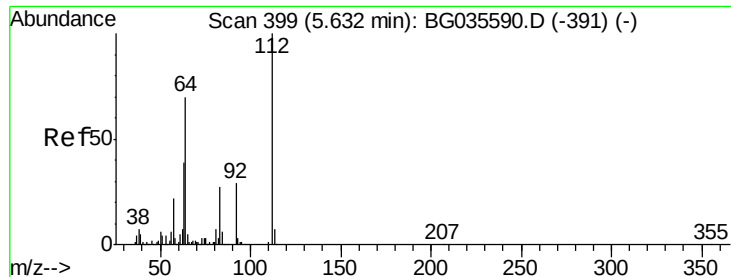


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.322 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035904.D

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ClientSampleId :

HR-06-072418-AMS

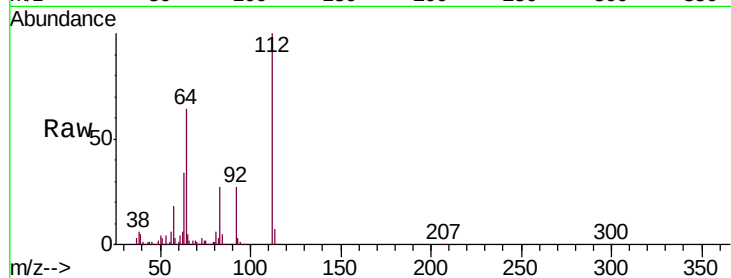
Tgt Ion:112 Resp: 364075

Ion Ratio Lower Upper

112 100

64 63.6 56.3 84.5

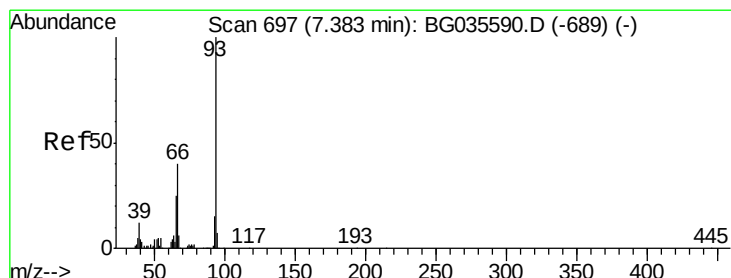
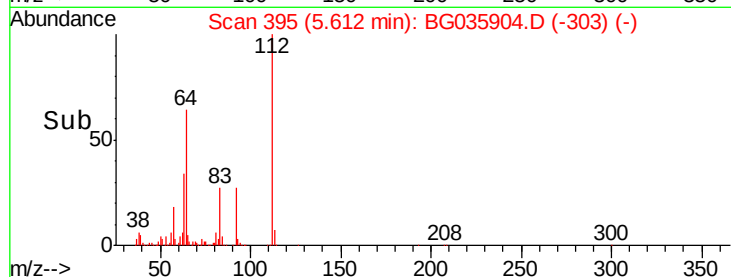
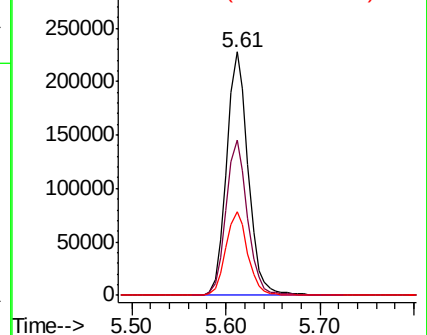
63 34.4 30.1 45.1



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: 10.487 ng

RT: 7.36 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

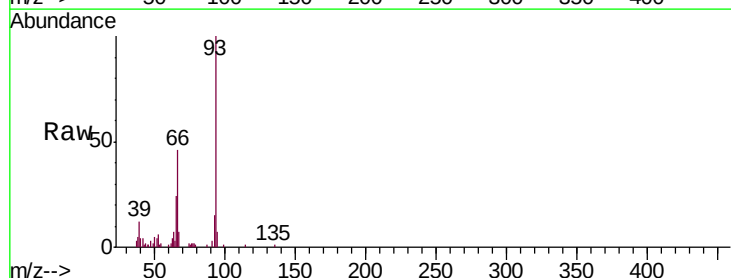
Tgt Ion: 93 Resp: 52619

Ion Ratio Lower Upper

93 100

66 45.9 33.7 50.5

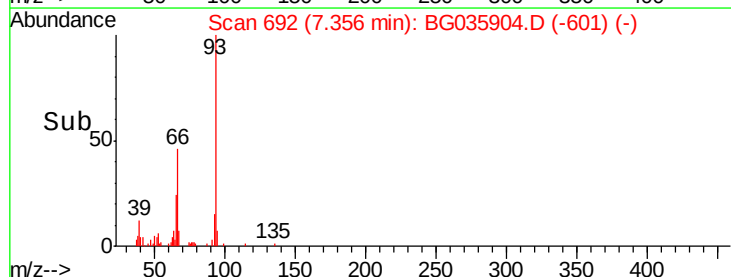
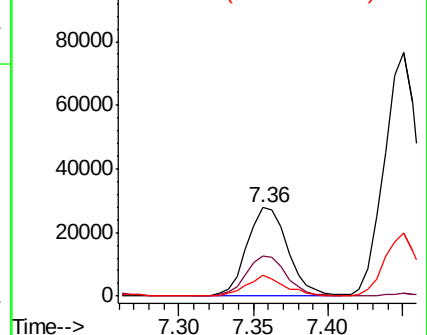
65 24.3 16.1 24.1#

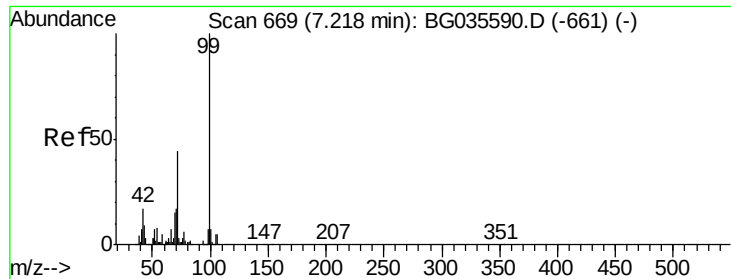


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.566 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035904.D

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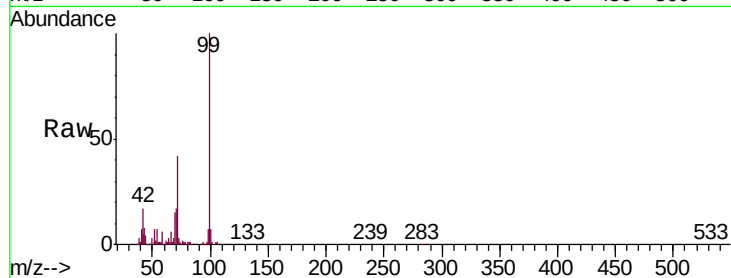
Tgt Ion: 99 Resp: 486075

Ion Ratio Lower Upper

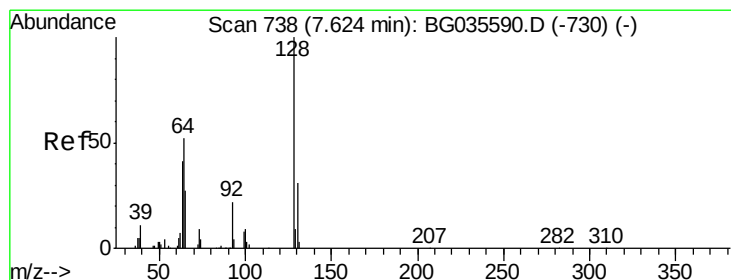
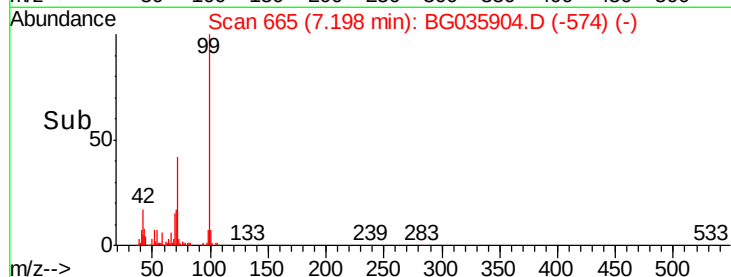
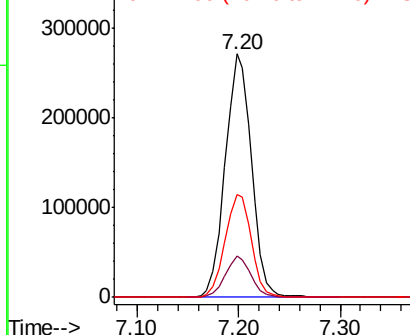
99 100

42 16.8 14.1 21.1

71 42.3 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: 45.853 ng

RT: 7.60 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

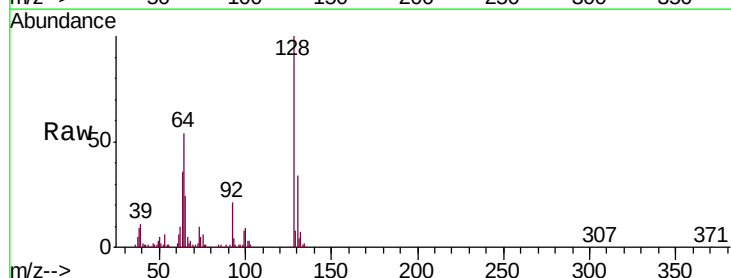
Tgt Ion: 128 Resp: 120998

Ion Ratio Lower Upper

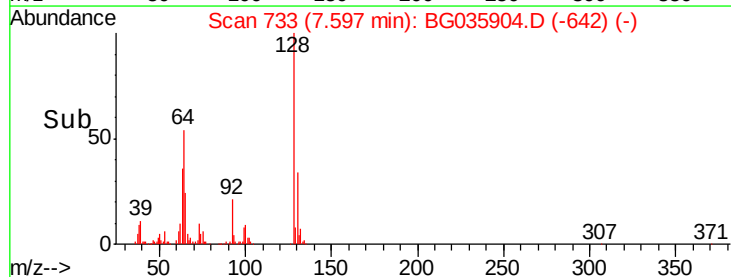
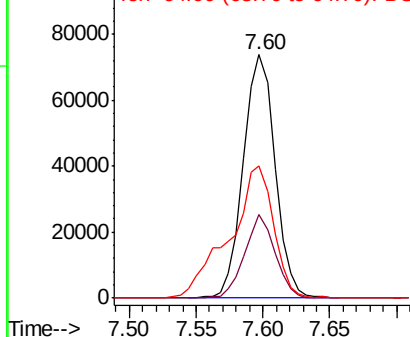
128 100

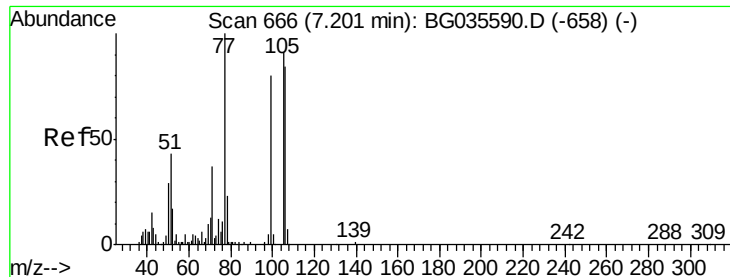
130 34.3 14.0 54.0

64 54.4 37.7 77.7



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





#9

Benzaldehyde

Concen: 24.012 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

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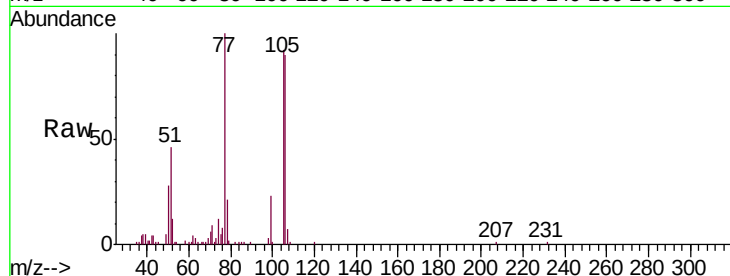
Tgt Ion: 77 Resp: 57034

Ion Ratio Lower Upper

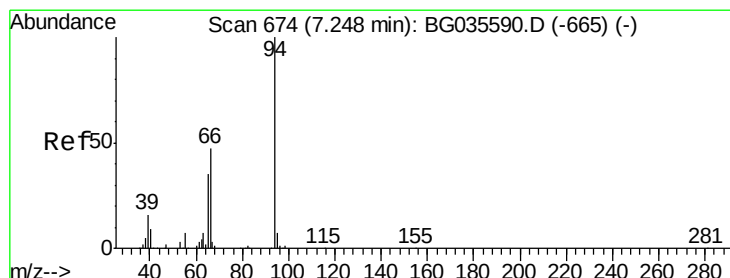
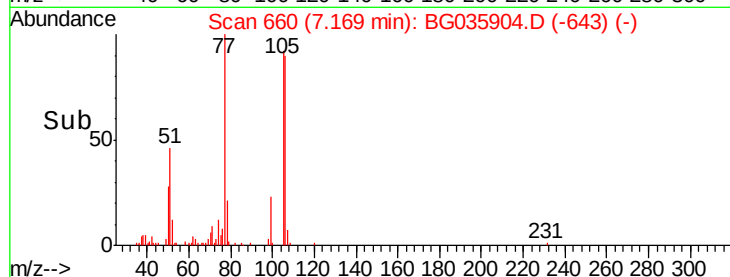
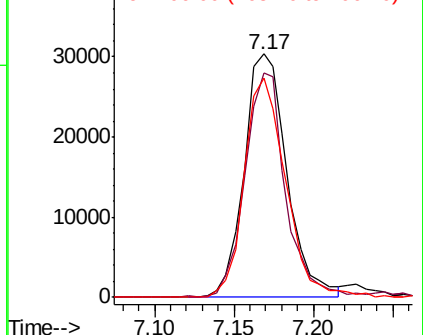
77 100

105 92.1 71.3 111.3

106 90.3 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: 40.260 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

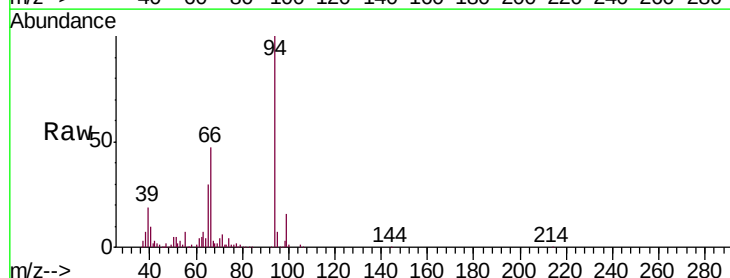
Tgt Ion: 94 Resp: 157453

Ion Ratio Lower Upper

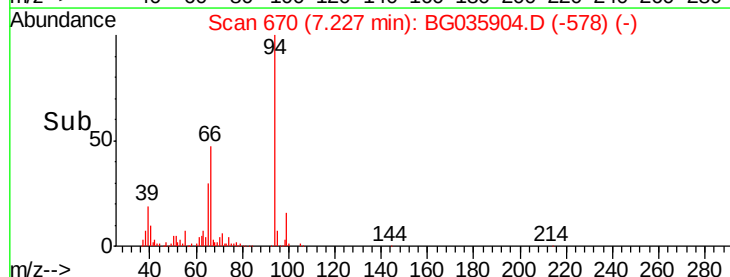
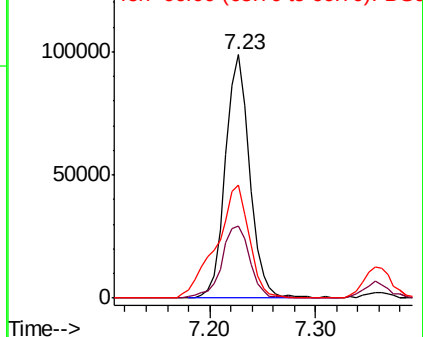
94 100

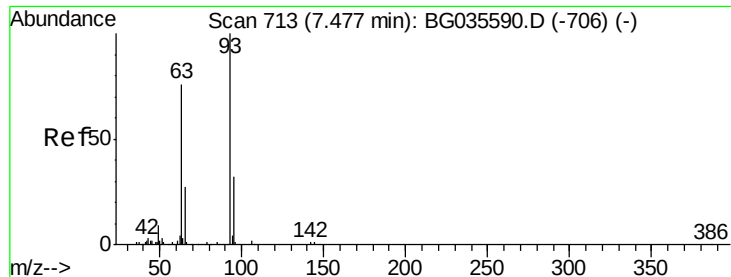
65 29.9 11.9 51.9

66 46.6 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: 40.213 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

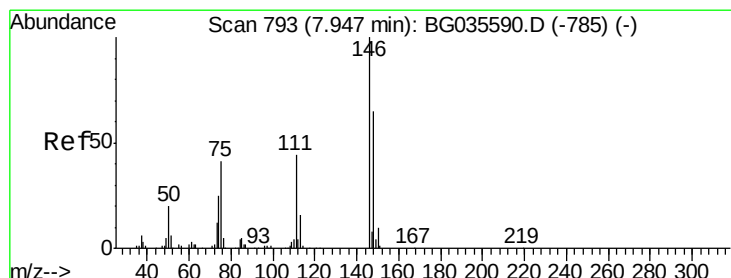
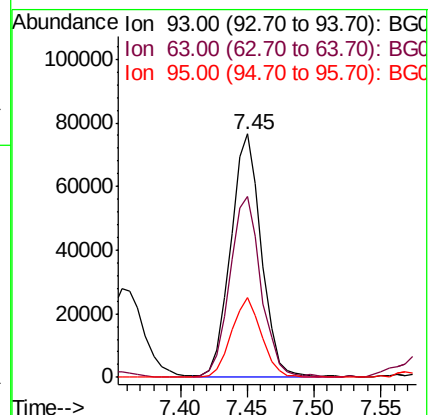
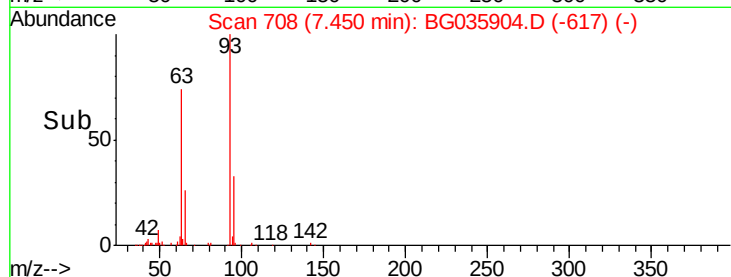
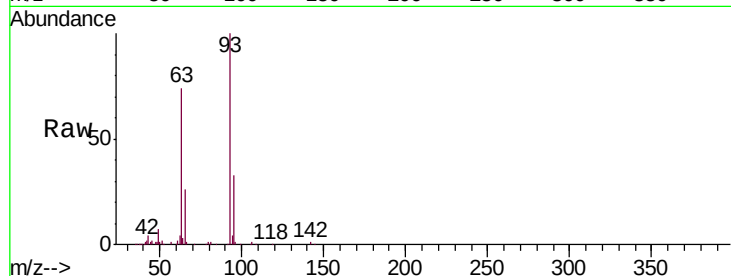
Tgt Ion: 93 Resp: 123165

Ion Ratio Lower Upper

93 100

63 74.3 67.1 107.1

95 32.6 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 42.574 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

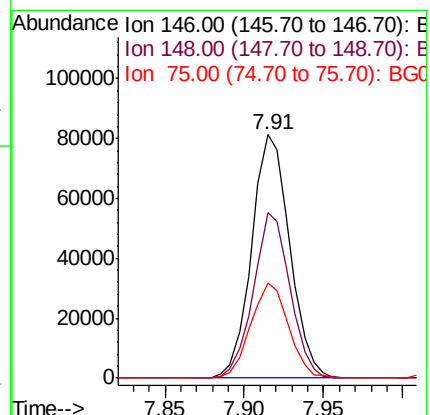
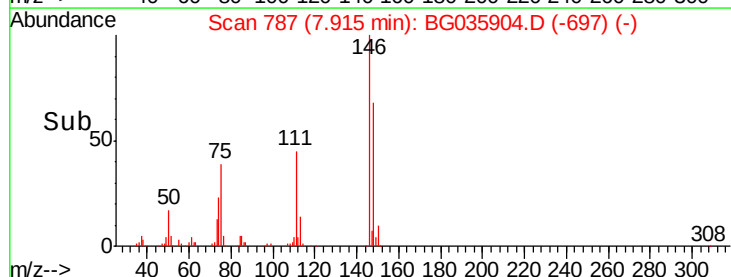
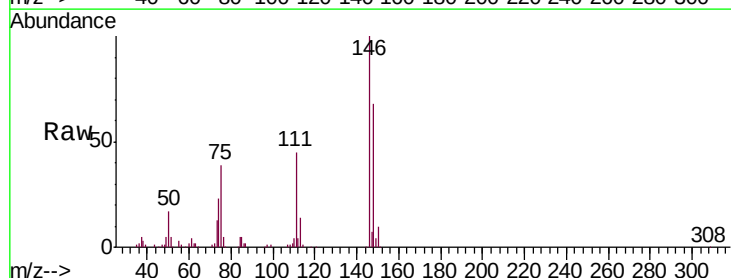
Tgt Ion: 146 Resp: 135669

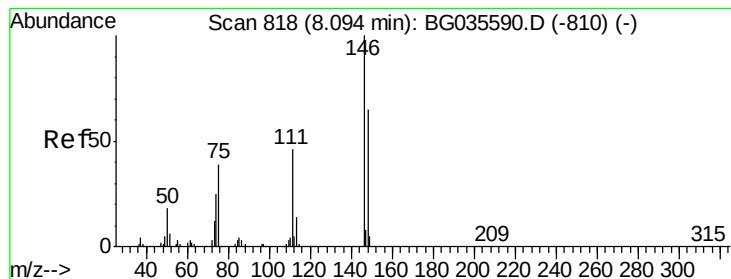
Ion Ratio Lower Upper

146 100

148 68.2 51.4 77.2

75 39.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.781 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

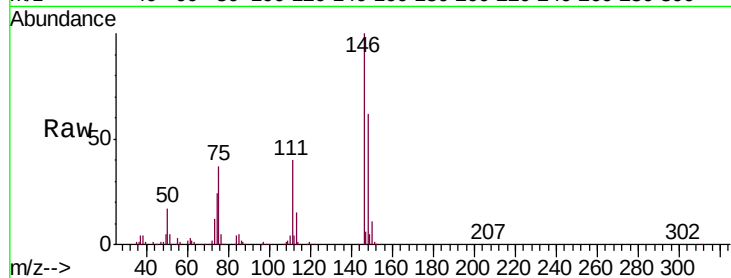
Tgt Ion:146 Resp: 138514

Ion Ratio Lower Upper

146 100

148 62.5 53.7 80.5

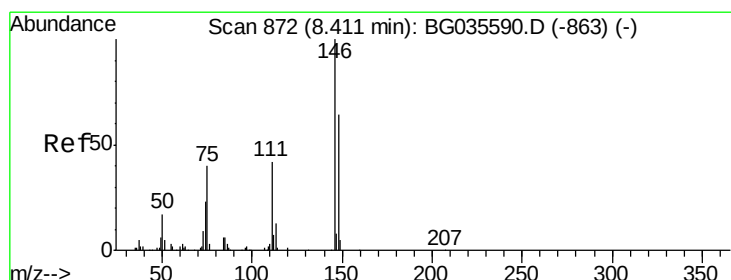
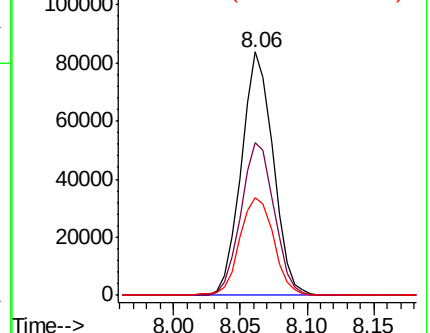
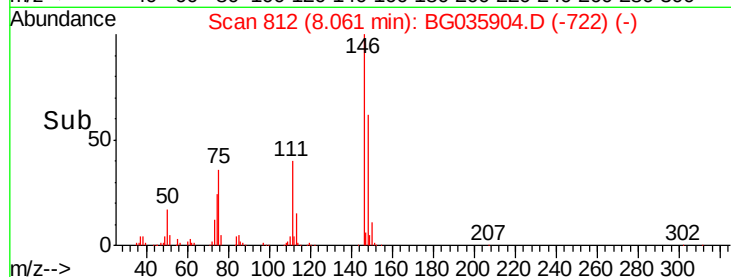
111 40.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.809 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

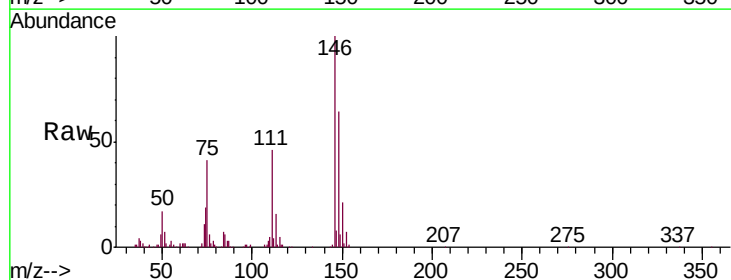
Tgt Ion:146 Resp: 133152

Ion Ratio Lower Upper

146 100

148 64.2 49.3 73.9

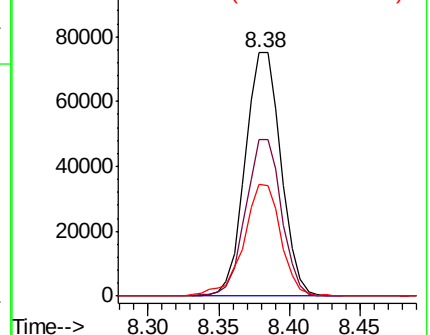
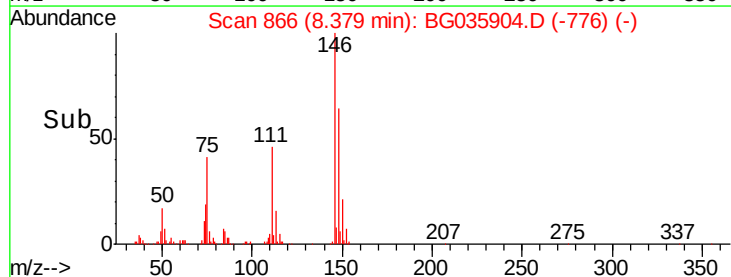
111 45.9 34.3 51.5

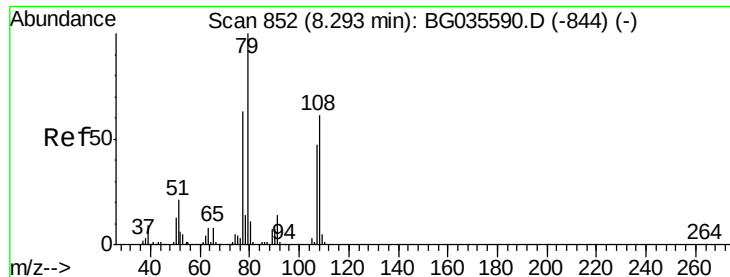


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.534 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

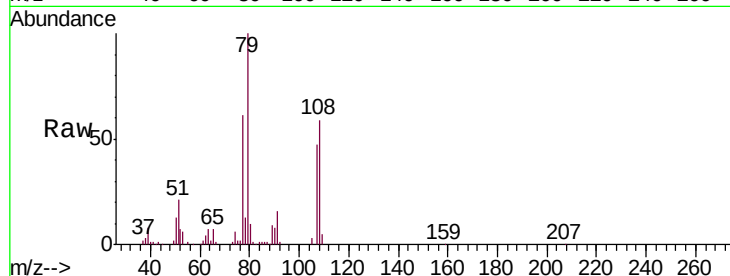
Tgt Ion: 79 Resp: 142489

Ion Ratio Lower Upper

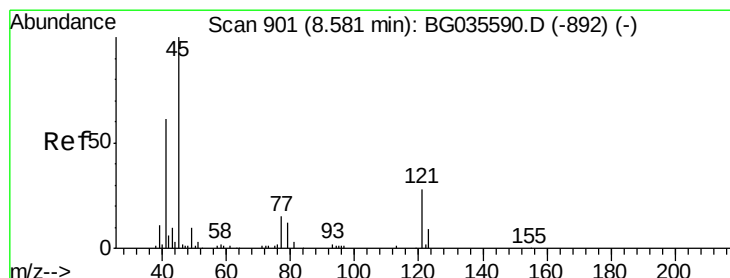
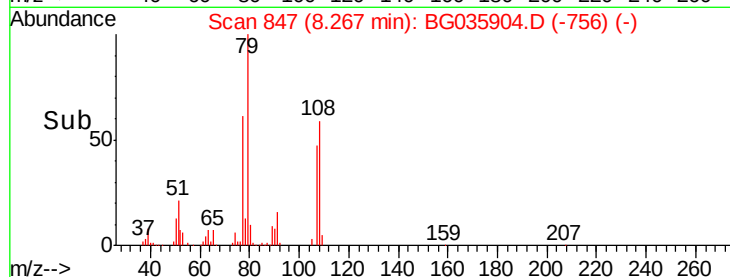
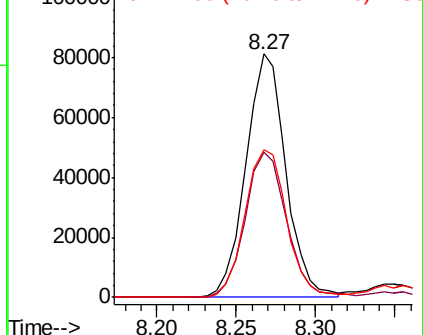
79 100

108 59.5 57.2 85.8

77 60.9 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.391 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

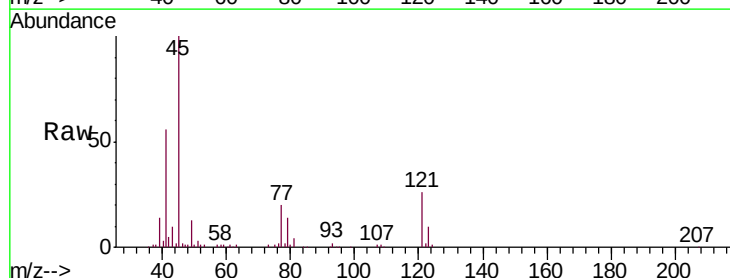
Tgt Ion: 45 Resp: 139666

Ion Ratio Lower Upper

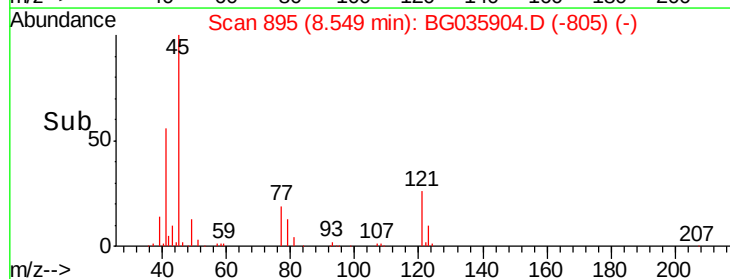
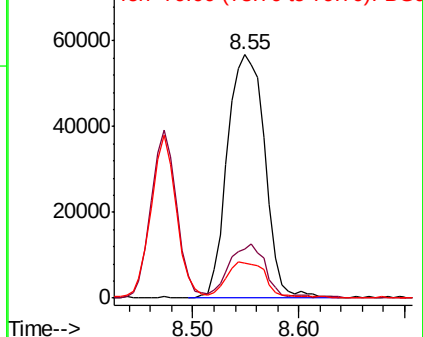
45 100

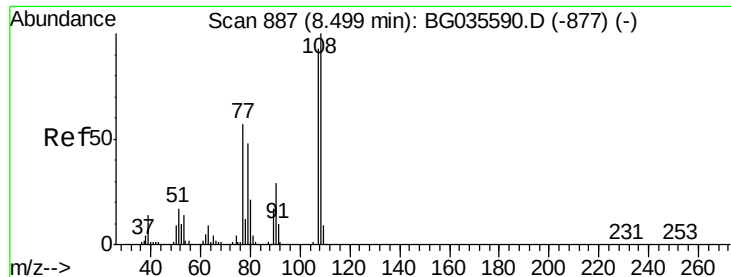
77 20.3 0.0 30.2

79 14.1 0.0 27.9



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





#17

2-Methylphenol

Concen: 44.328 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

Tgt Ion:107 Resp: 117871

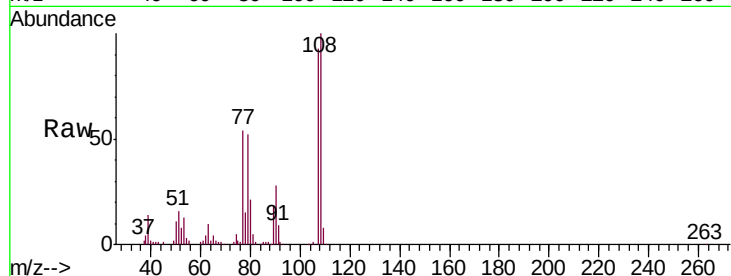
Ion Ratio Lower Upper

107 100

108 107.3 83.9 125.9

77 57.8 37.2 55.8#

79 56.2 36.2 54.2#



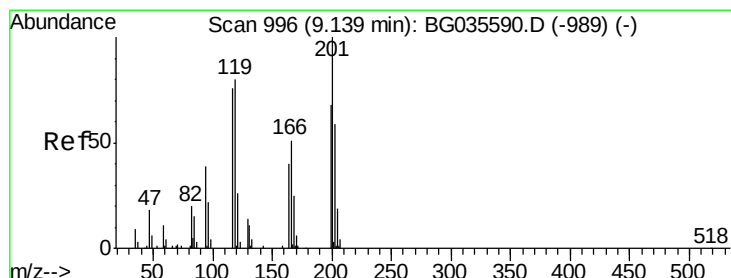
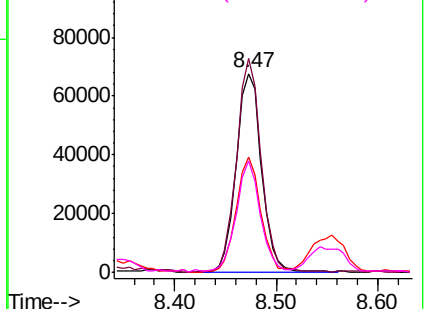
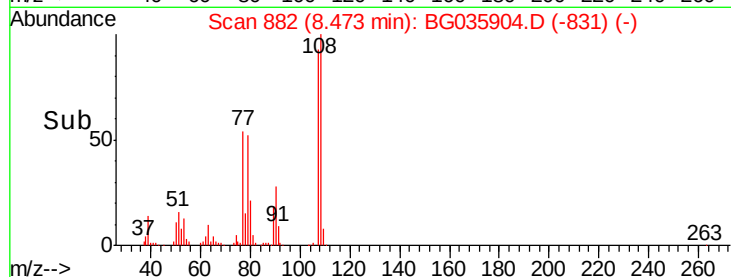
Abundance

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: 41.416 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

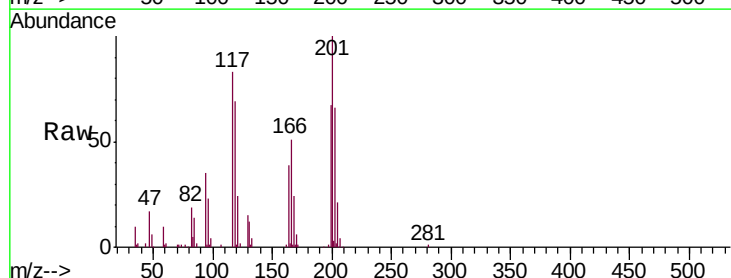
Tgt Ion:117 Resp: 51271

Ion Ratio Lower Upper

117 100

119 83.8 76.7 115.1

201 121.0 95.7 143.5

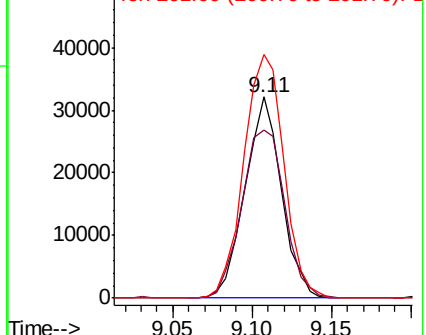
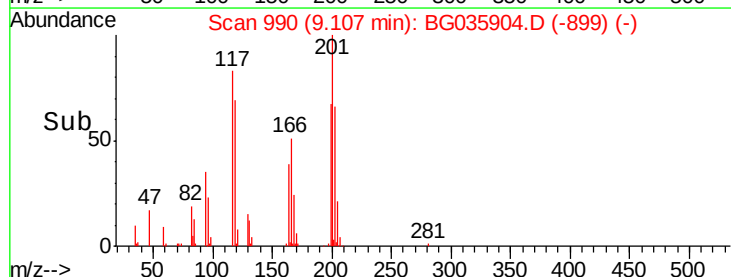


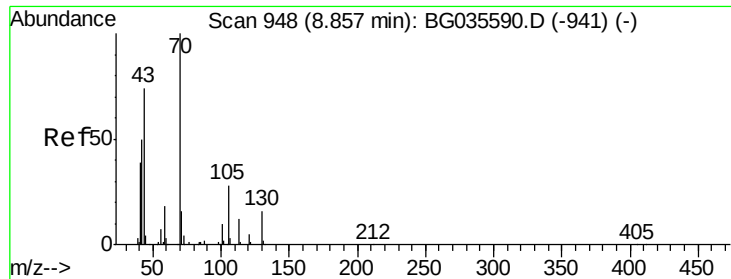
Abundance

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

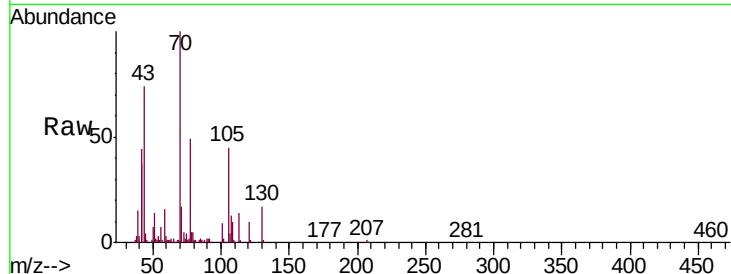




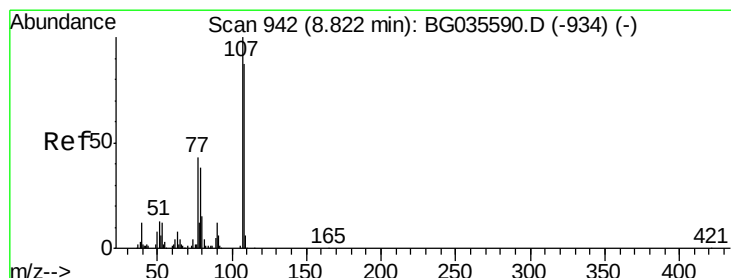
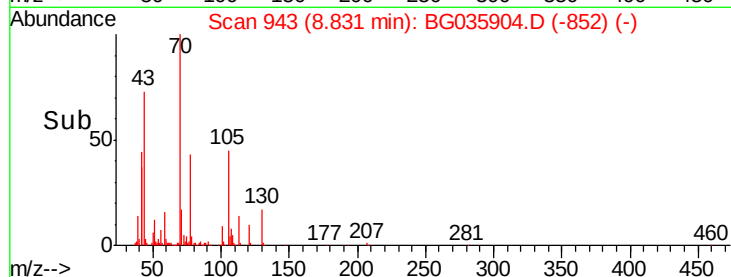
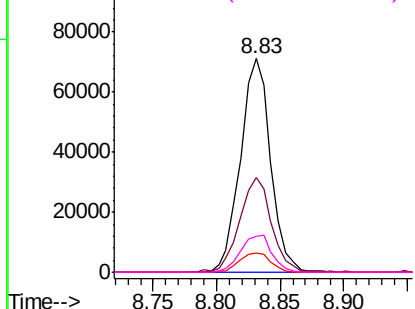
#19
n-Nitroso-di-n-propylamine
Concen: 35.984 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Tgt Ion: 70 Resp: 117301
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 8.9 8.5 12.7
130 16.9 13.4 20.0

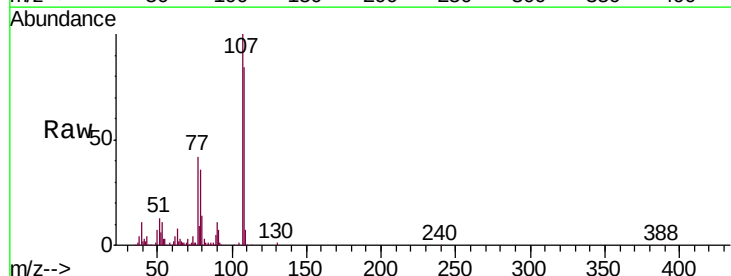


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

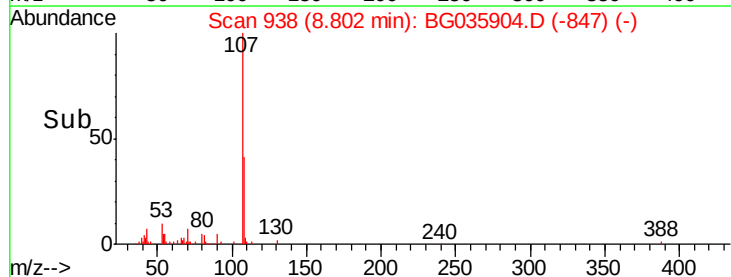
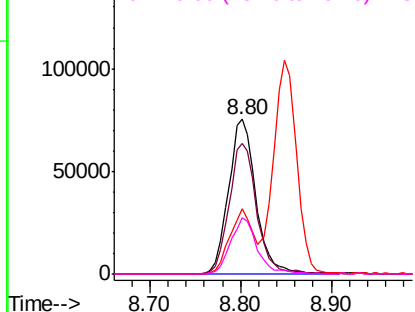


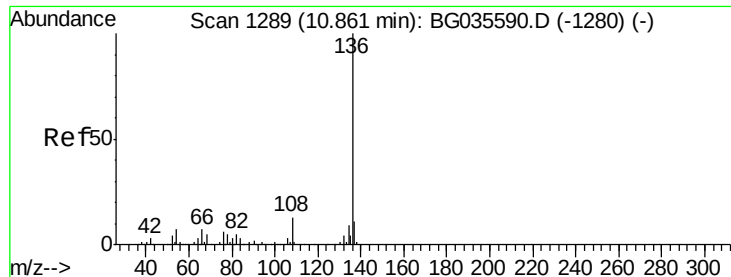
#20
3+4-Methylphenols
Concen: 43.121 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion: 107 Resp: 159064
Ion Ratio Lower Upper
107 100
108 84.3 61.6 101.6
77 42.2 13.9 53.9
79 36.1 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

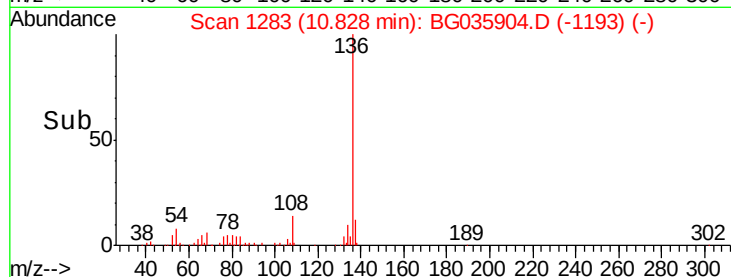
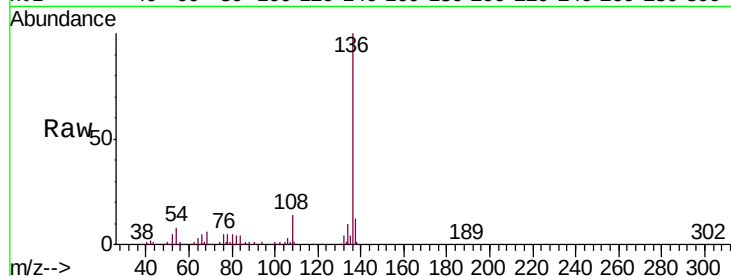
Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

Tgt Ion:	136	Resp:	159807
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	7.5	10.3	15.5#
68	6.3	4.5	6.7

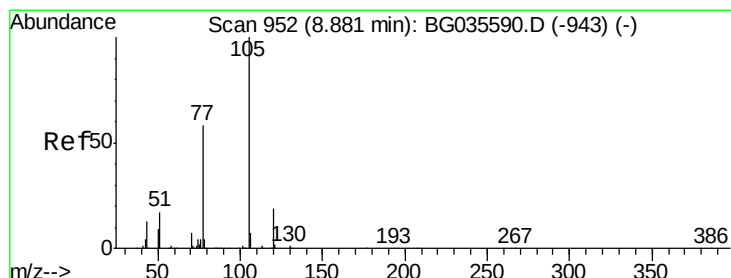
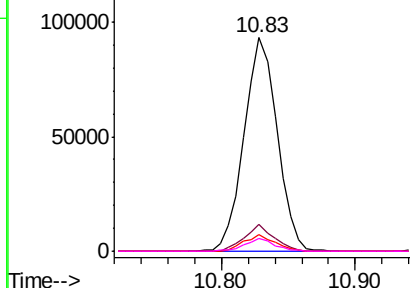


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.238 ng

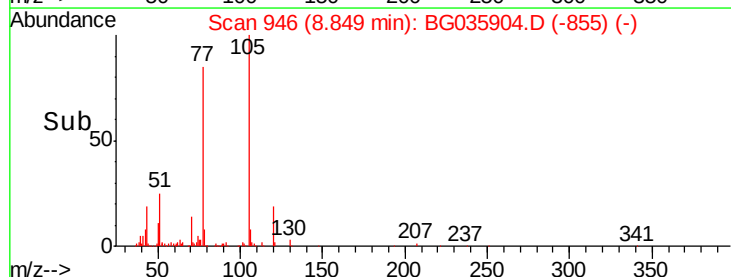
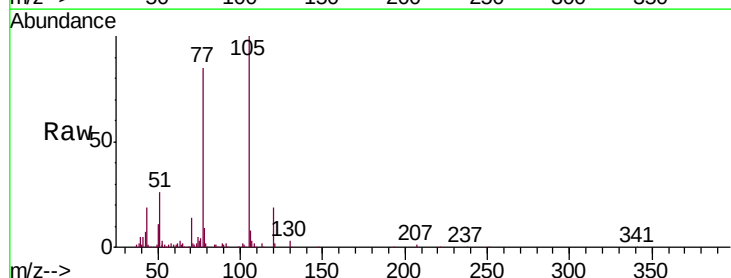
RT: 8.85 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Tgt Ion:	105	Resp:	214874
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	25.7	26.1	39.1#
120	19.1	17.4	26.2

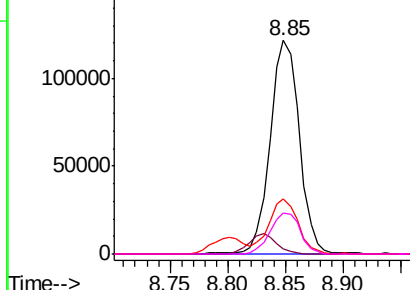


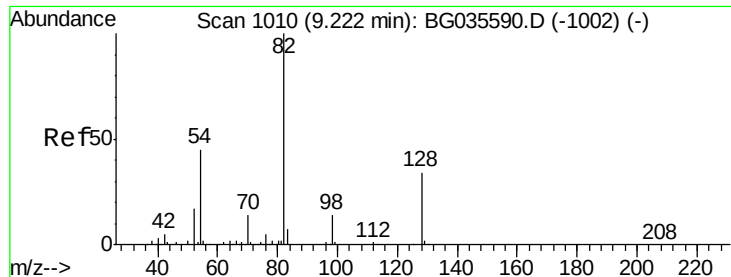
Abundance Ion 105.00 (104.70 to 105.70): E

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

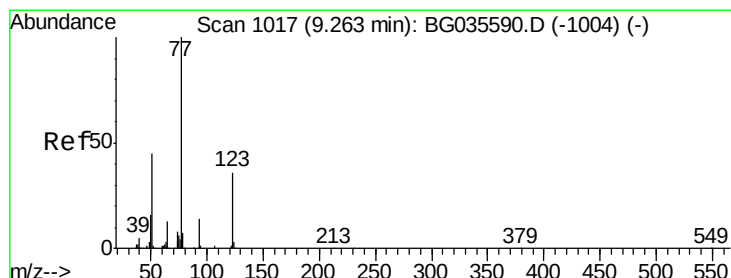
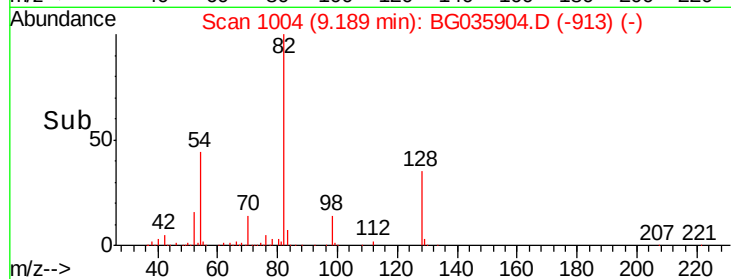
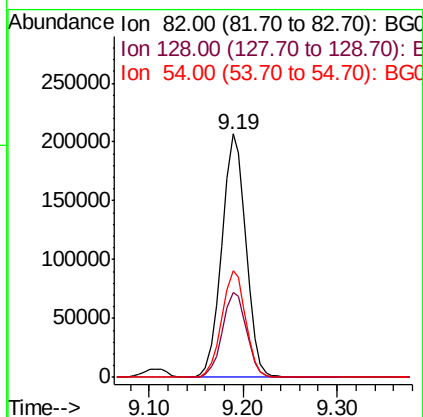
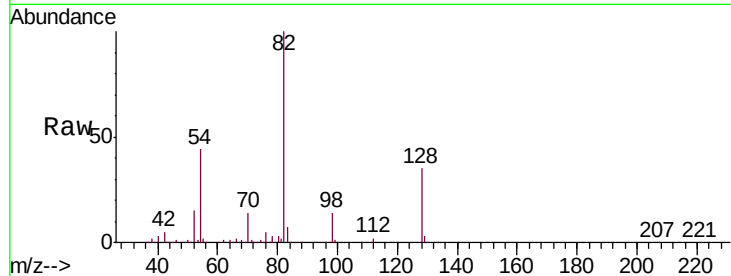




#23
 Nitrobenzene-d5
 Concen: 96.464 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

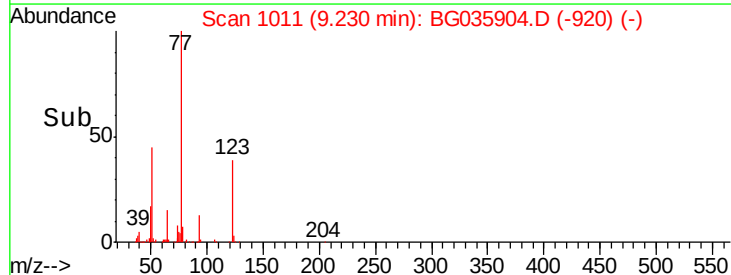
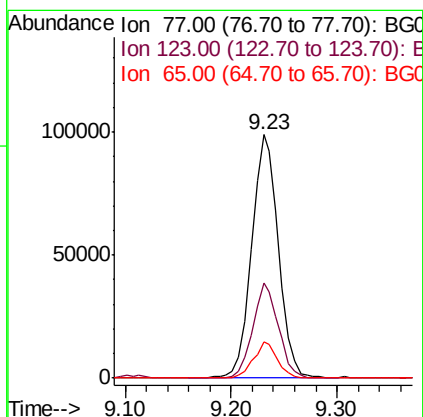
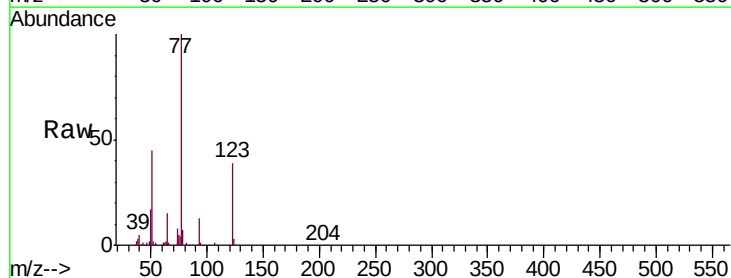
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

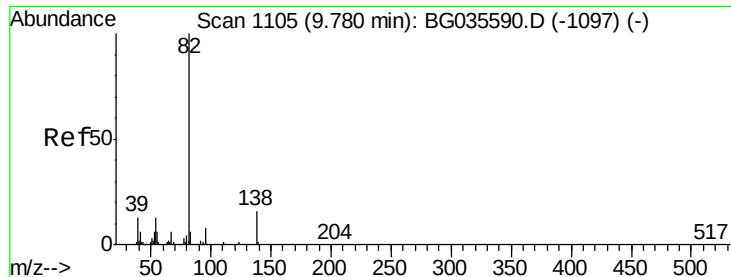
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	44.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.300 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.6
65	14.8	13.0	19.6

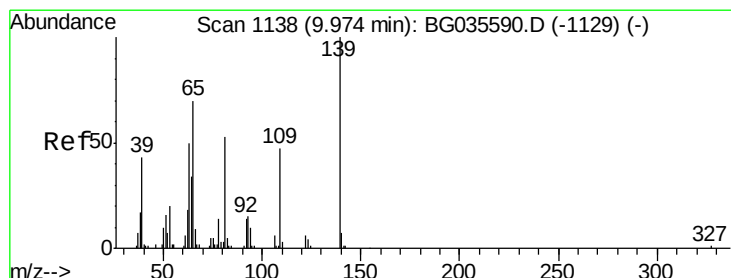
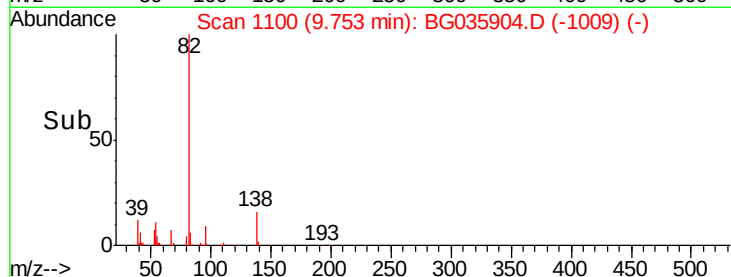
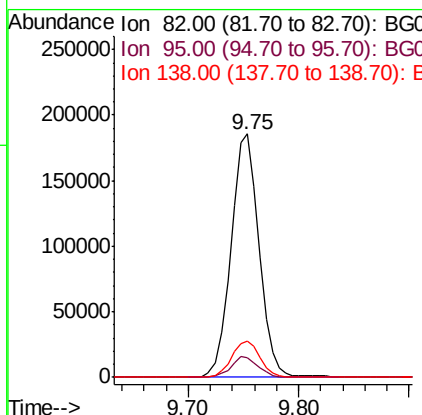
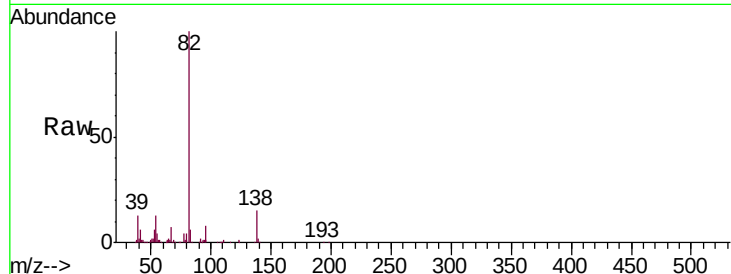




#25
Isophorone
Concen: 46.584 ng
RT: 9.75 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

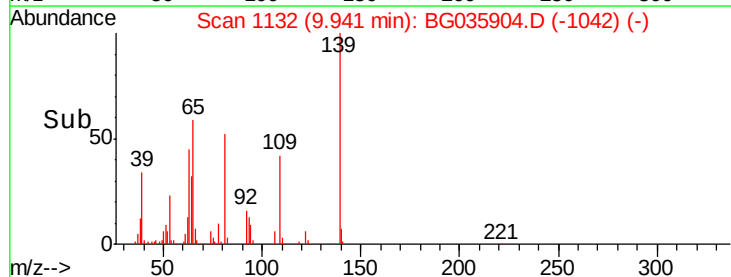
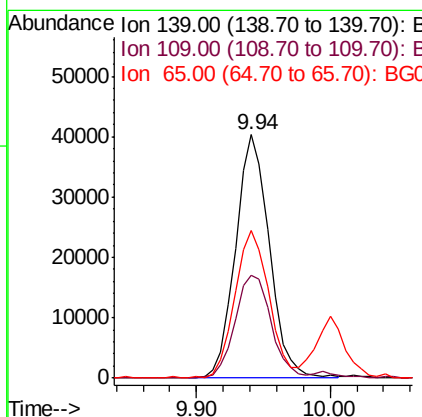
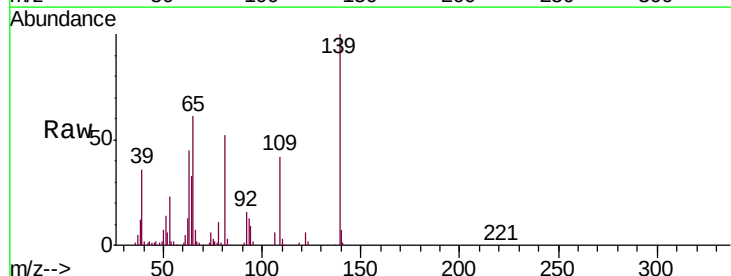
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

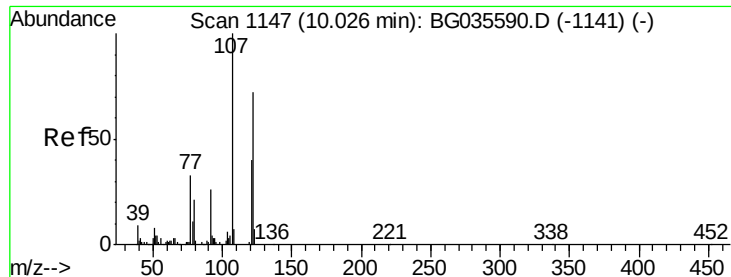
Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.2	9.2
138	14.7	12.1	18.1



#26
2-Nitrophenol
Concen: 51.676 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.3	24.2	36.2#
65	60.5	47.4	71.0

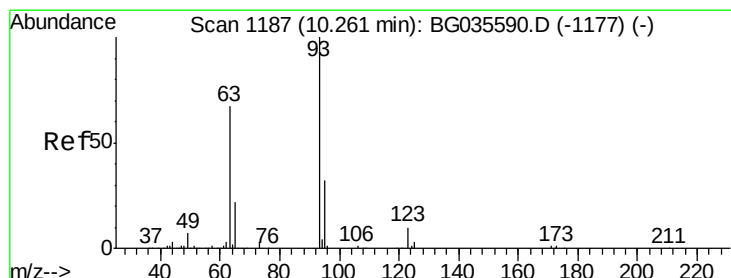
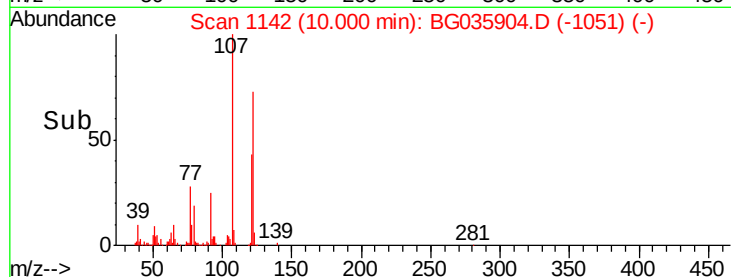
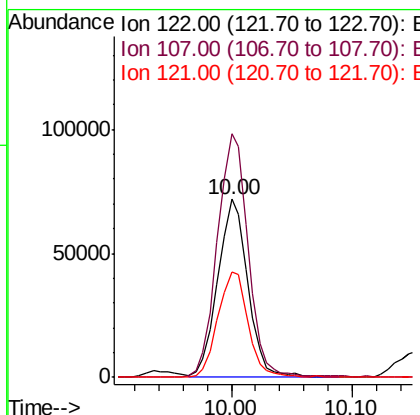
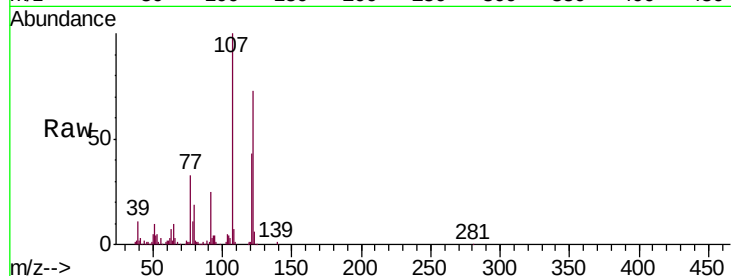




#27
2,4-Dimethylphenol
Concen: 53.769 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

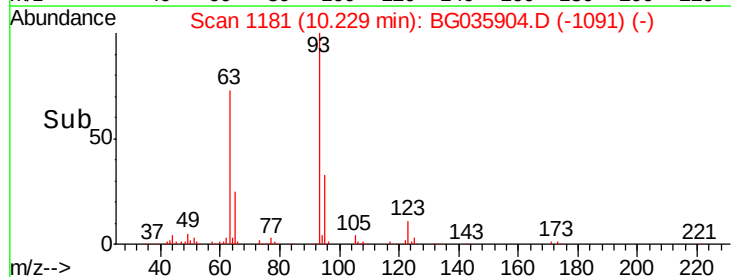
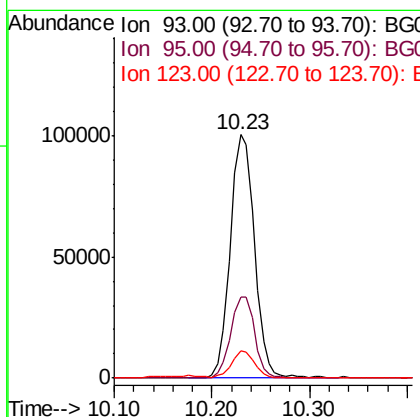
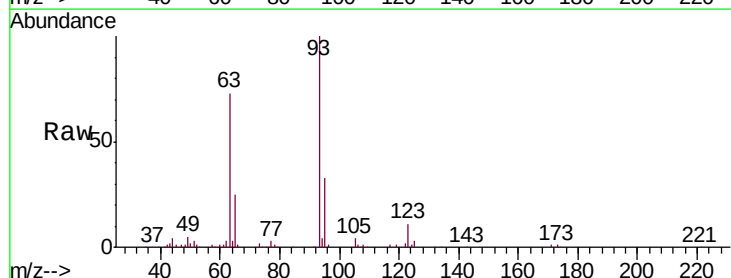
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

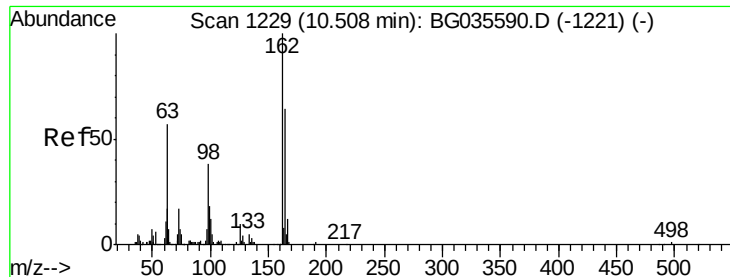
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.0	100.2	150.2
121	59.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.389 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	11.3	8.4	12.6

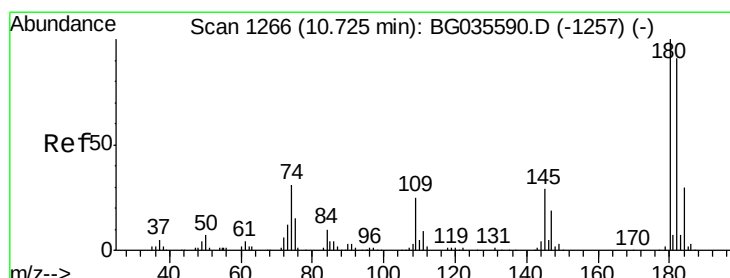
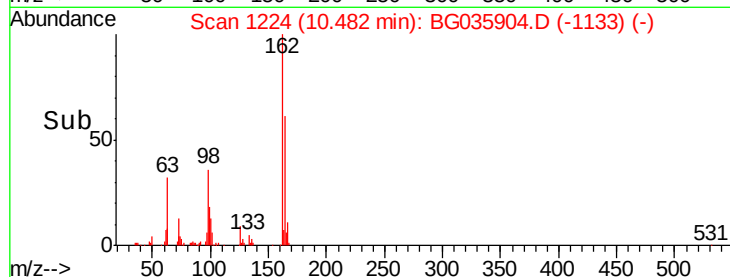
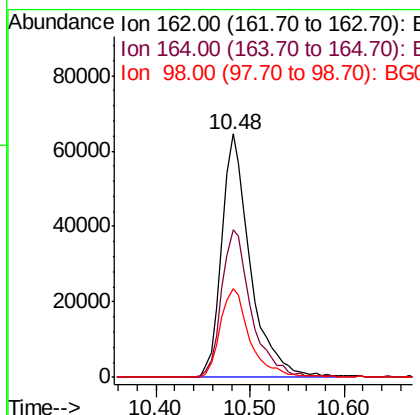
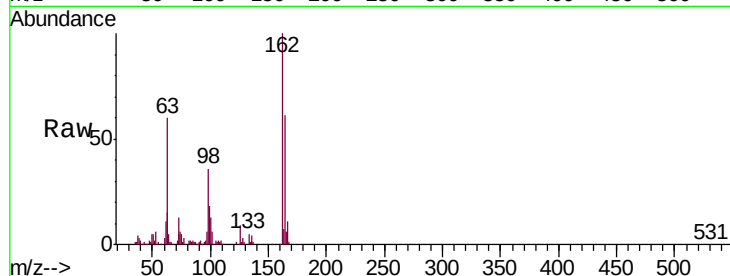




#29
 2,4-Dichlorophenol
 Concen: 51.763 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

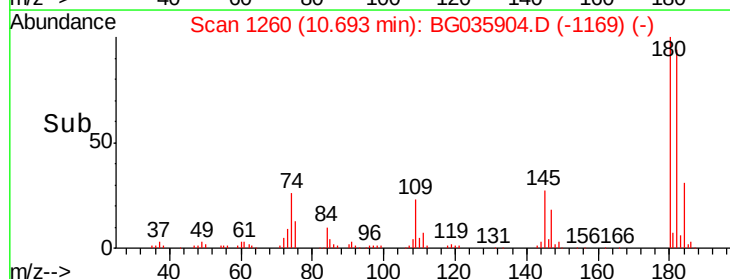
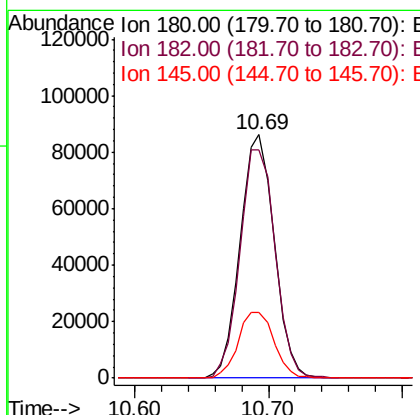
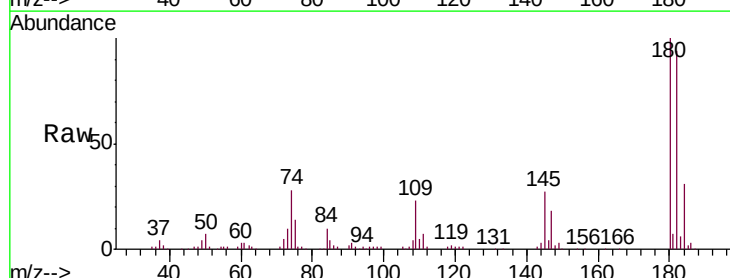
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

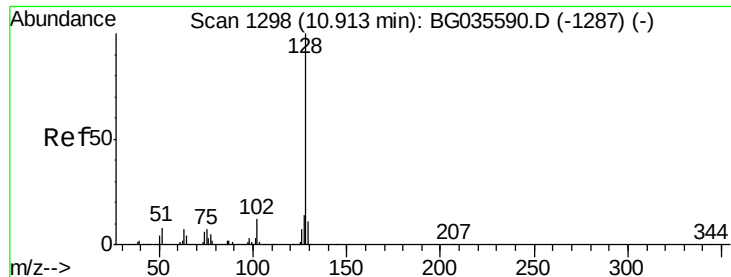
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.5	48.0	88.0
98	36.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.031 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.5	116.3
145	27.2	23.4	35.2

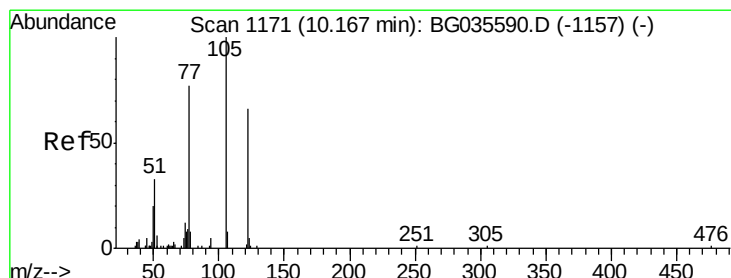
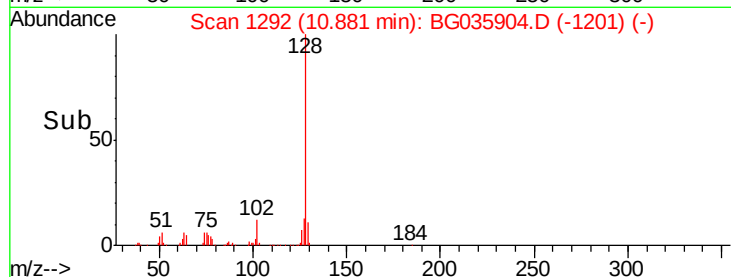
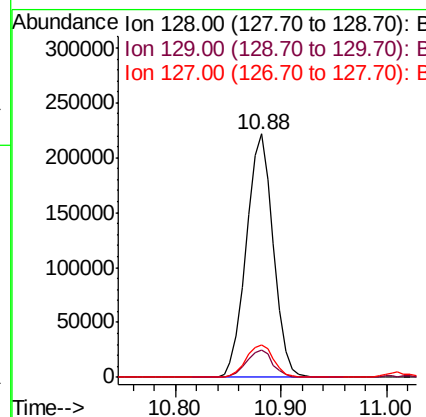
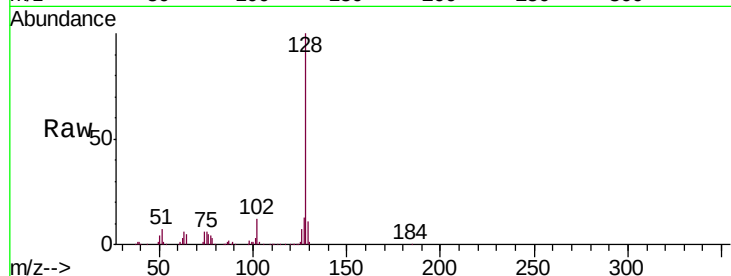




#31
Naphthalene
Concen: 46.840 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

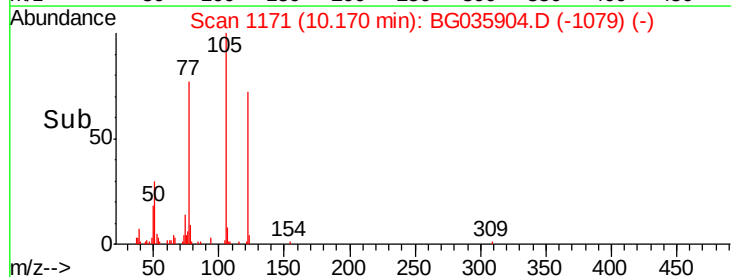
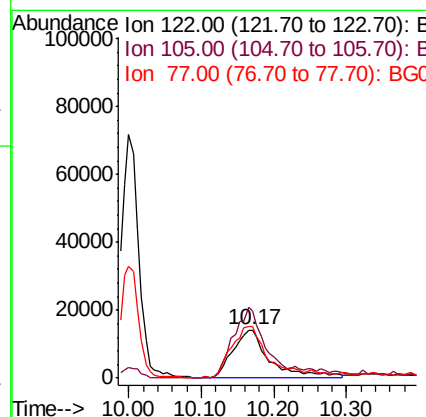
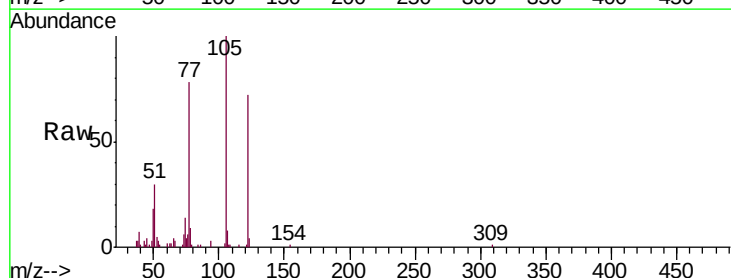
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

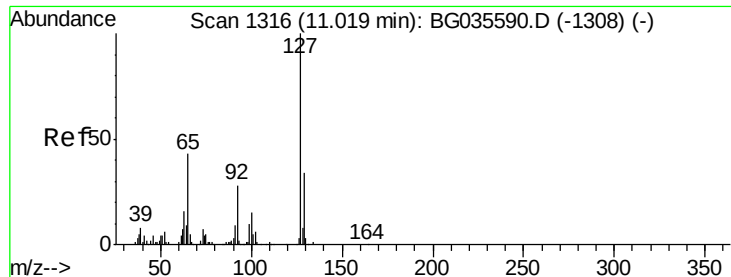
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	11.6	17.4



#32
Benzoic acid
Concen: 32.717 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.0	123.5	163.5
77	109.0	85.7	125.7

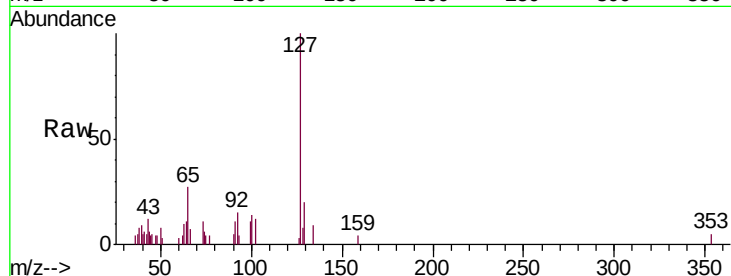




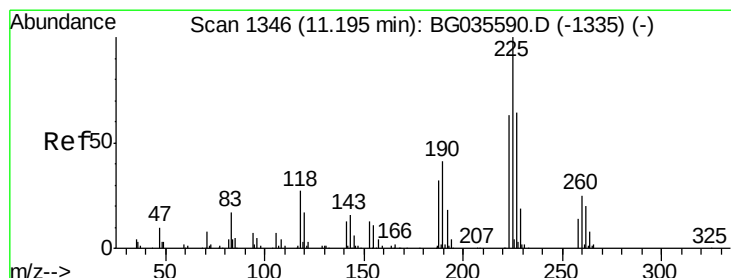
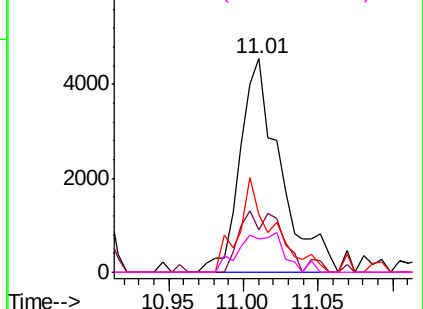
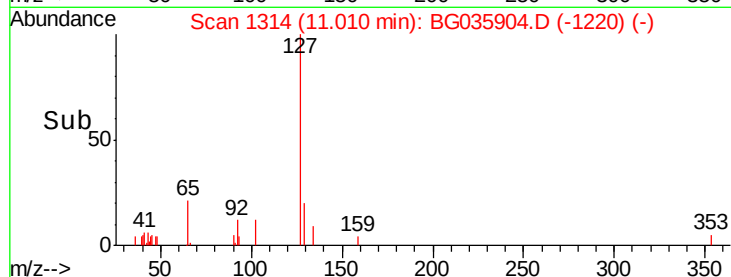
#33
4-Chloroaniline
Concen: 2.347 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Tgt Ion:	127	Resp:	8517
Ion	Ratio	Lower	Upper
127	100		
129	19.8	24.0	36.0#
65	26.8	27.0	40.4#
92	15.3	16.6	25.0#

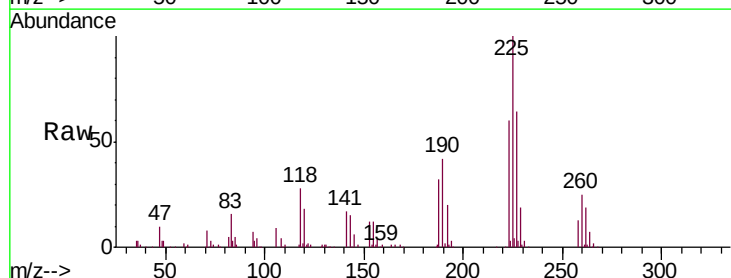


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

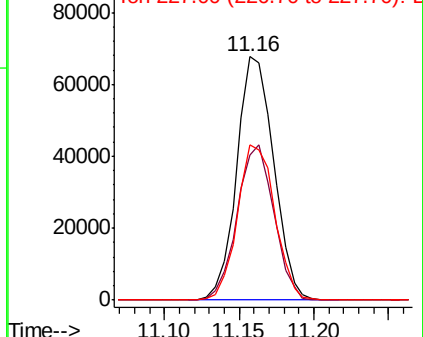
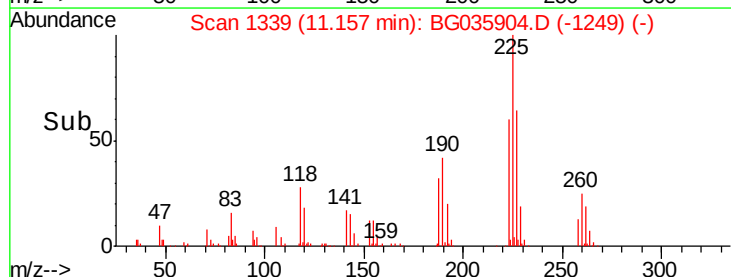


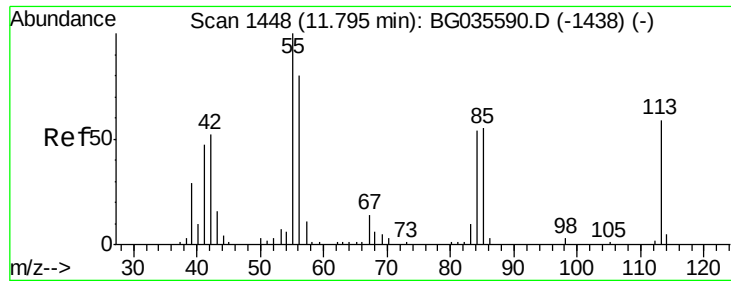
#34
Hexachlorobutadiene
Concen: 46.204 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion:	225	Resp:	116640
Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.7	74.5
227	63.7	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: 16.128 ng

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

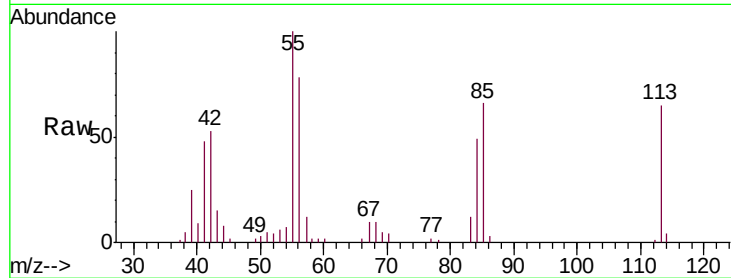
Tgt Ion:113 Resp: 18273

Ion Ratio Lower Upper

113 100

55 153.9 186.9 226.9#

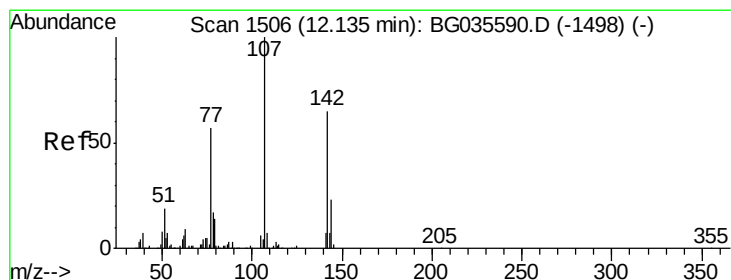
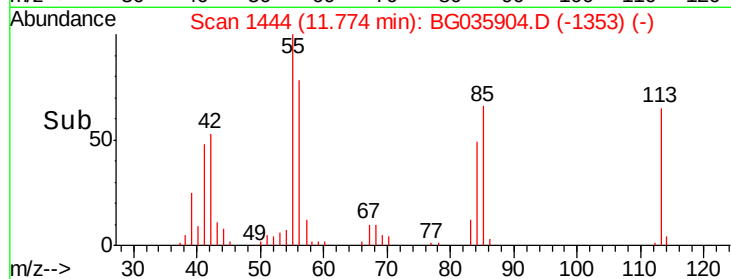
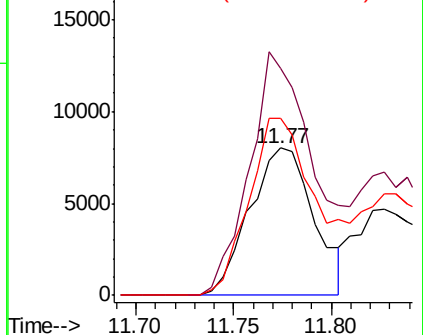
56 119.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.818 ng

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

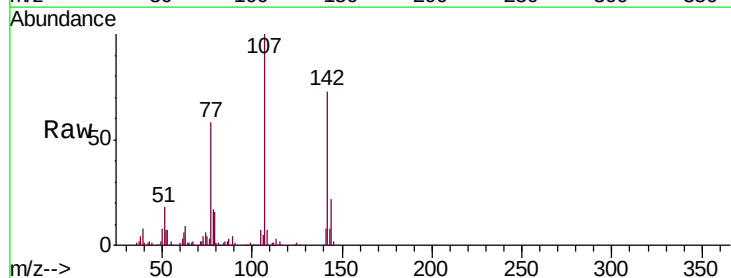
Tgt Ion:107 Resp: 165683

Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.4

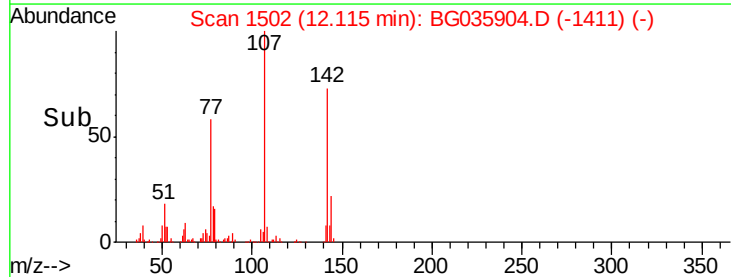
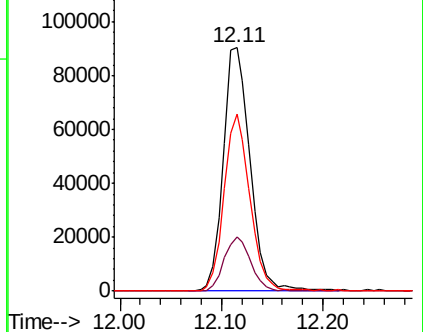
142 72.7 59.0 88.4

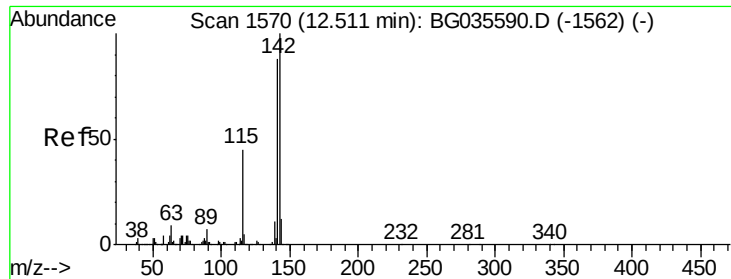


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

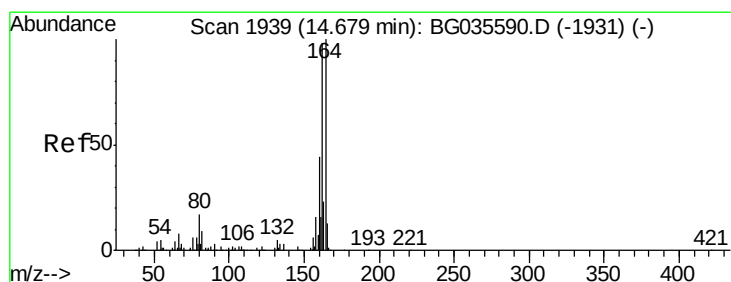
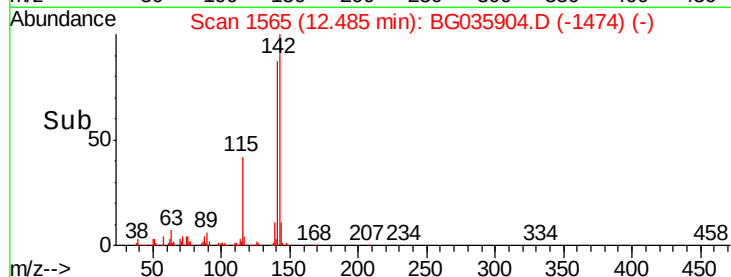
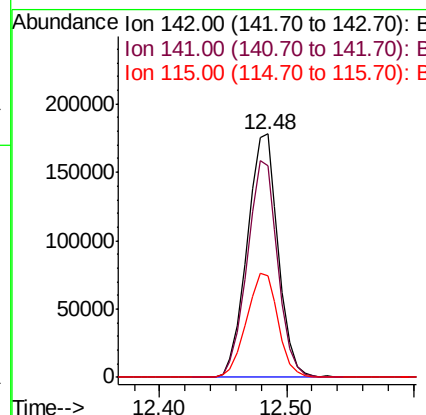
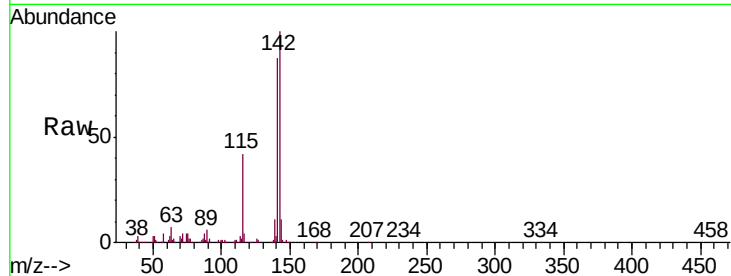




#37
 2-Methylnaphthalene
 Concen: 48.621 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

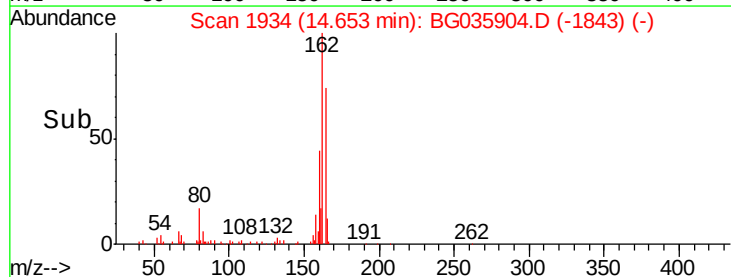
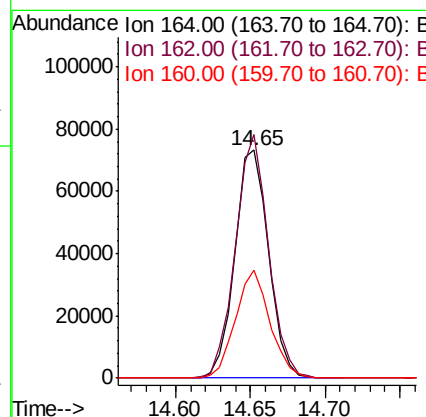
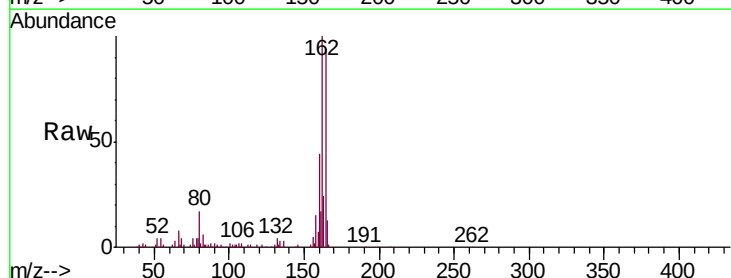
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

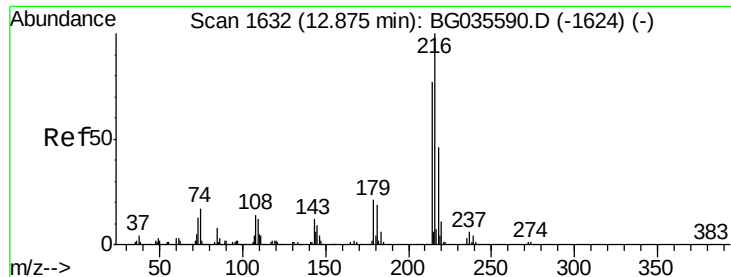
Tgt Ion:142 Resp: 301543
 Ion Ratio Lower Upper
 142 100
 141 86.7 67.1 100.7
 115 41.8 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion:164 Resp: 115513
 Ion Ratio Lower Upper
 164 100
 162 106.9 78.8 118.2
 160 47.4 35.4 53.0

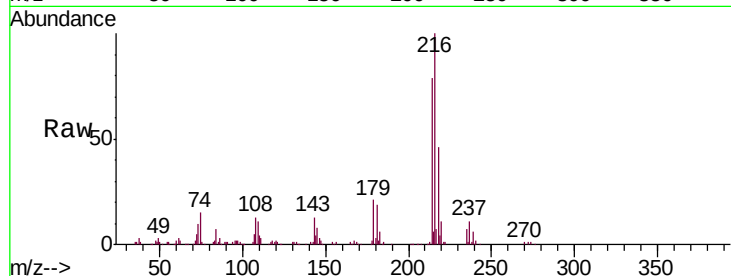




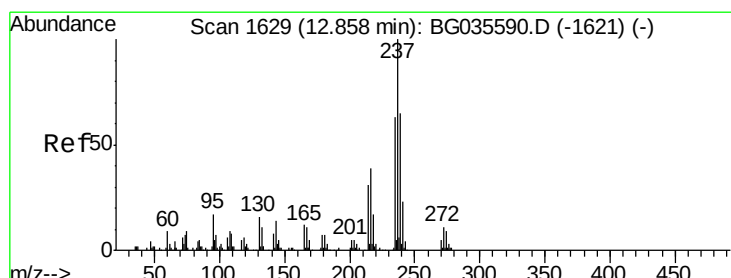
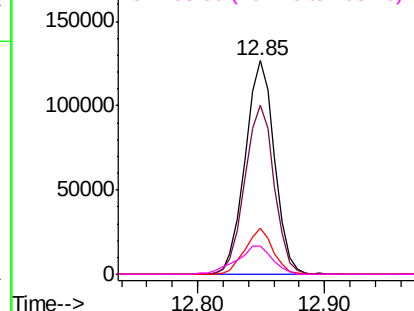
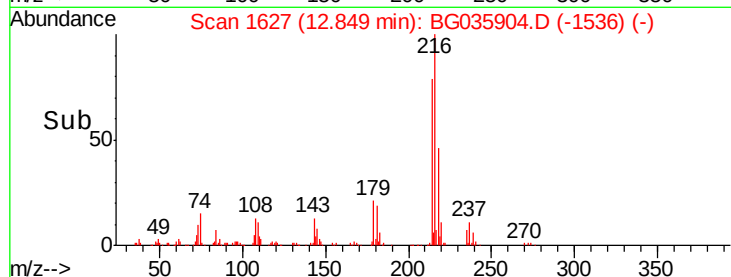
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.621 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Tgt Ion:	216	Resp:	203260
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.5	17.0	25.6
108	16.3	12.8	19.2

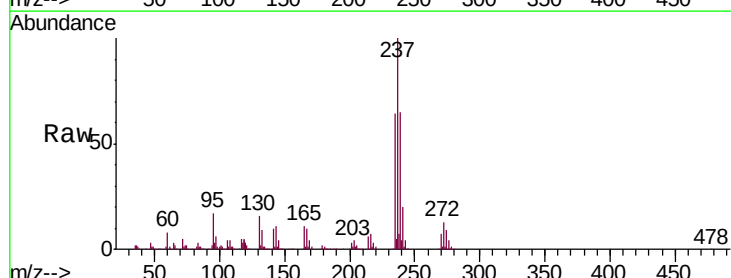


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

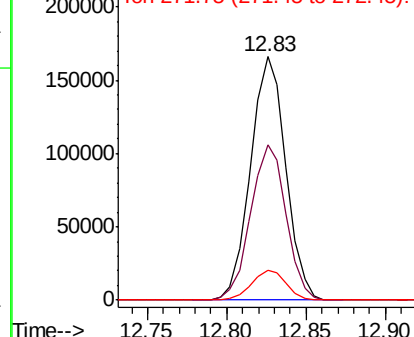
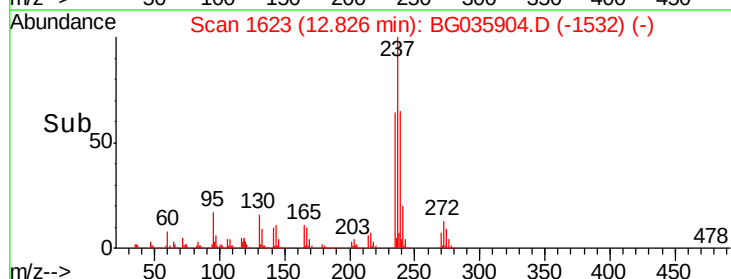


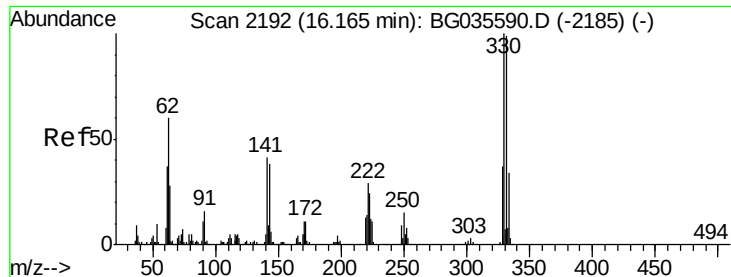
#40
 Hexachlorocyclopentadiene
 Concen: 111.722 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion:	237	Resp:	255453
Ion	Ratio	Lower	Upper
237	100		
235	63.6	50.4	90.4
272	12.5	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

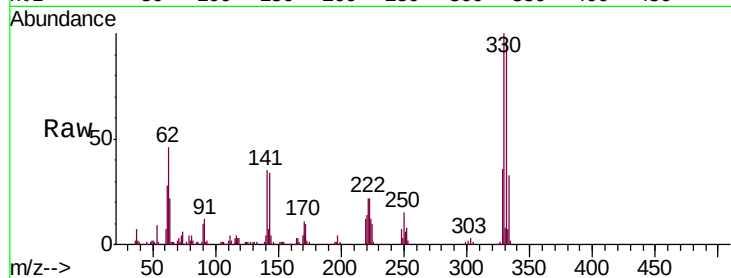




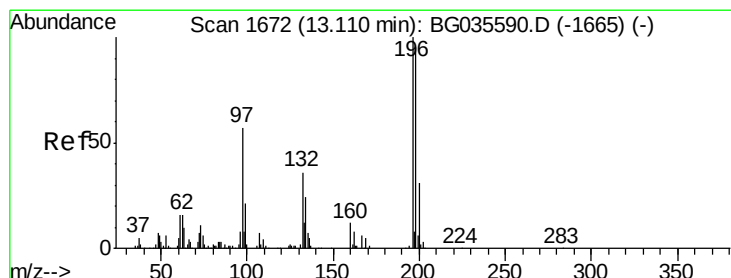
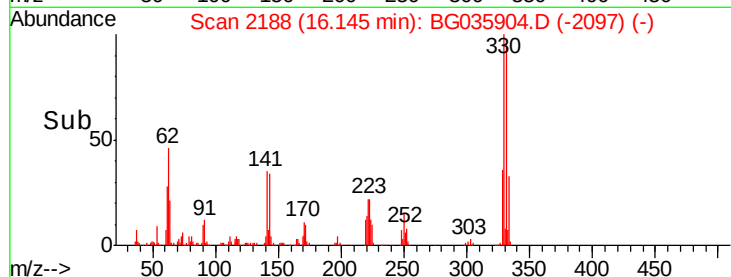
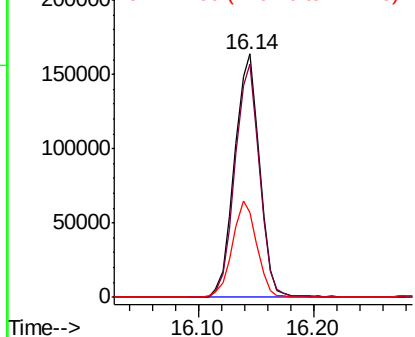
#41
 2,4,6-Tribromophenol
 Concen: 161.263 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Tgt Ion:330 Resp: 245529
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 38.7 25.2 37.8#

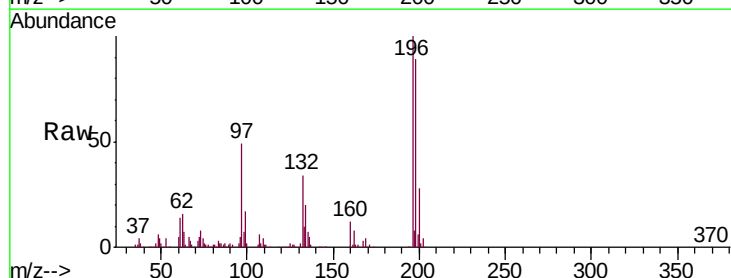


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

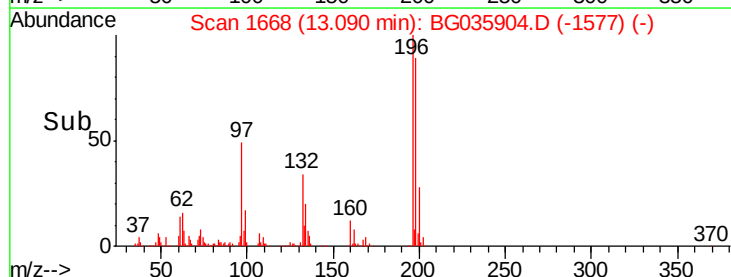
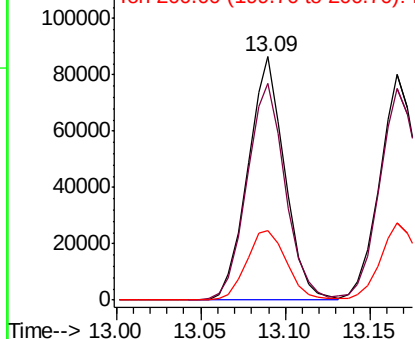


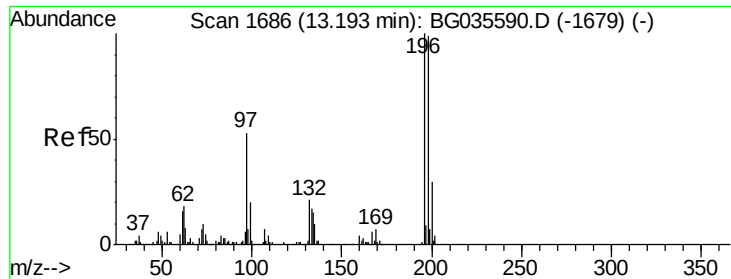
#42
 2,4,6-Trichlorophenol
 Concen: 51.187 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion:196 Resp: 130510
 Ion Ratio Lower Upper
 196 100
 198 89.1 78.2 117.2
 200 28.4 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

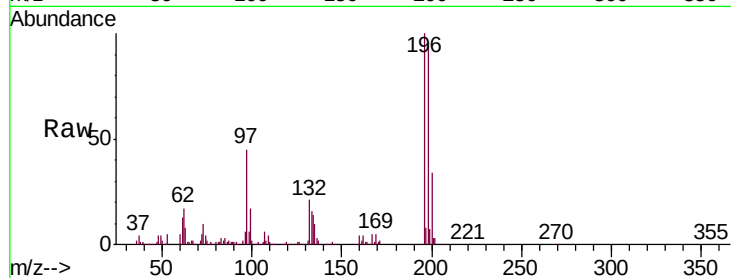




#43
 2,4,5-Trichlorophenol
 Concen: 48.235 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.2	114.4
97	45.1	38.7	58.1
132	20.6	20.2	30.2



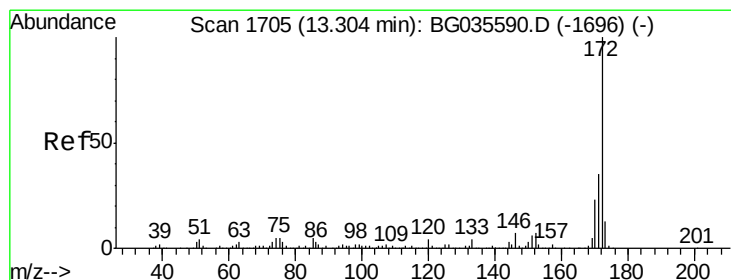
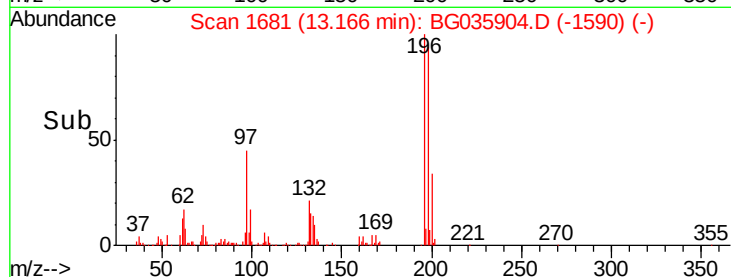
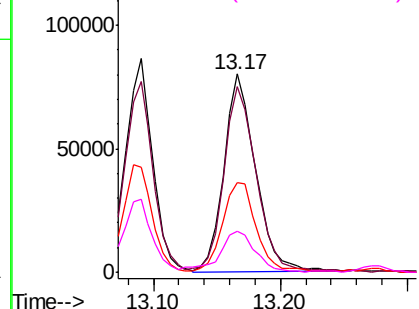
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

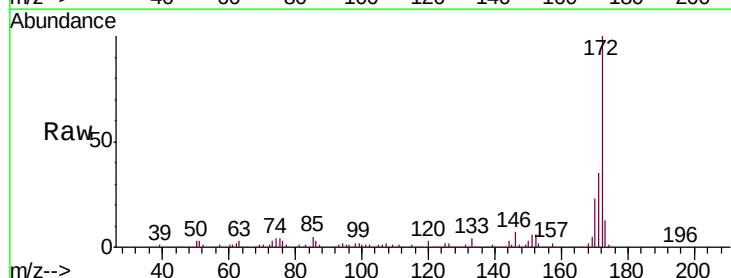
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.435 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.3	19.5	29.3

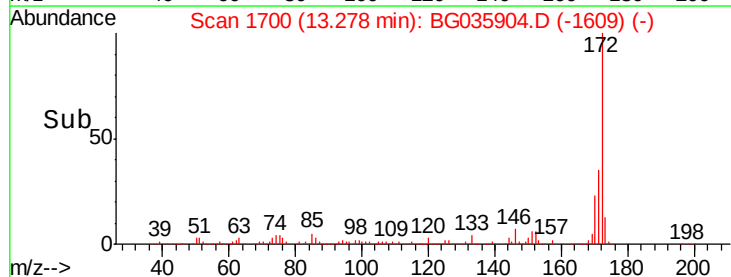
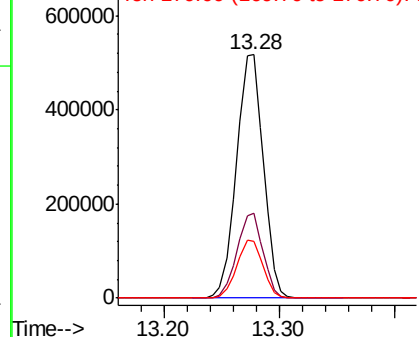


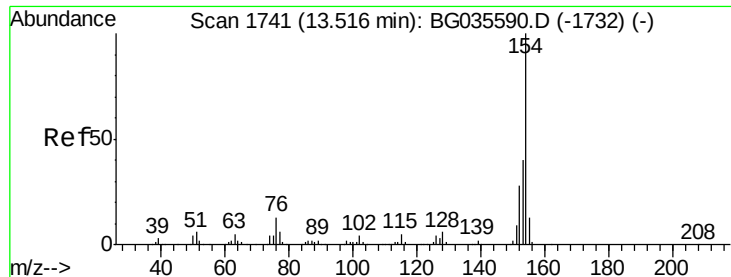
Abundance

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

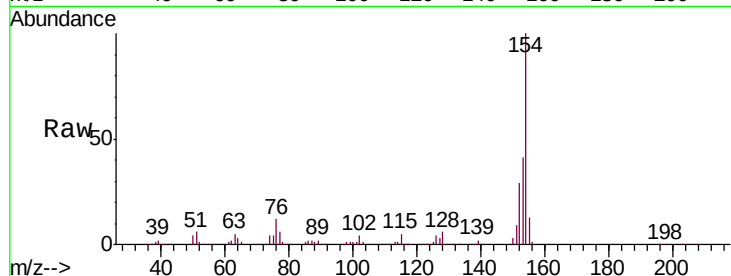




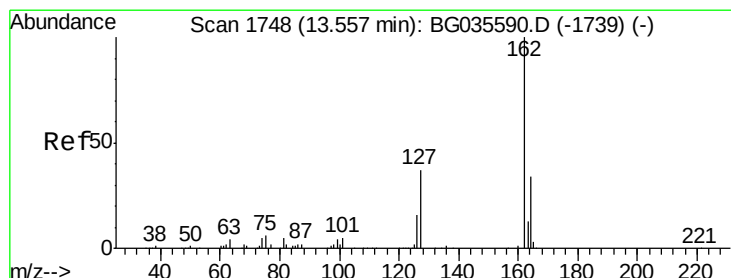
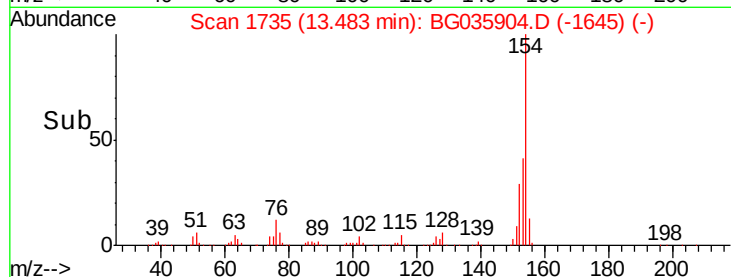
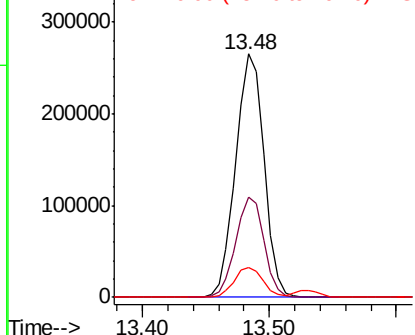
#45
 1,1'-Biphenyl
 Concen: 45.733 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	12.2	0.0	31.9

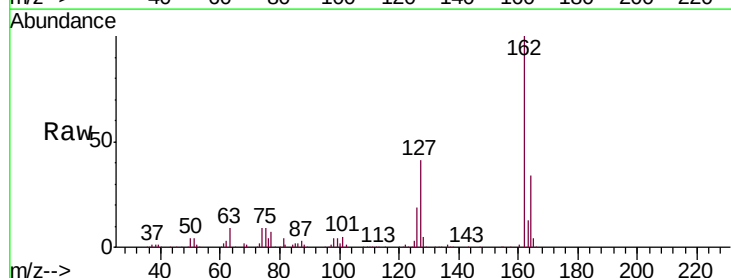


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

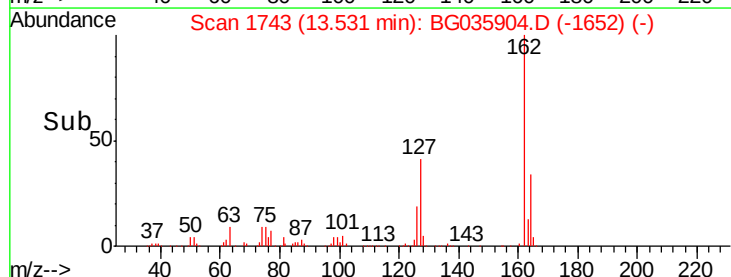
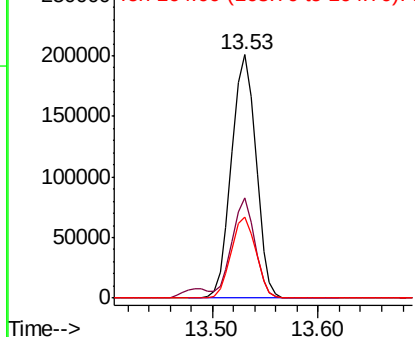


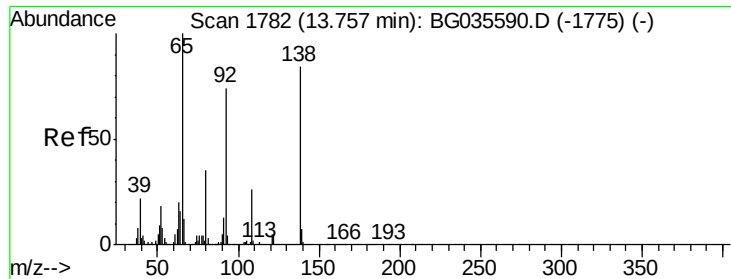
#46
 2-Chloronaphthalene
 Concen: 46.201 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.7	46.1
164	33.5	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

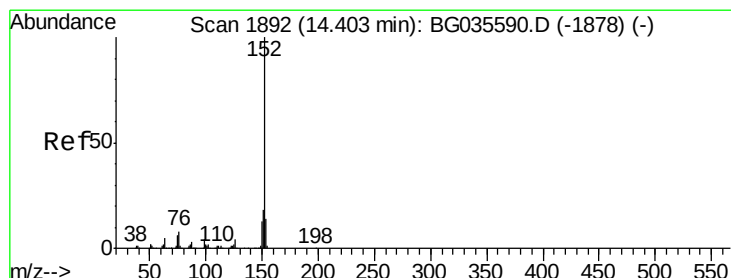
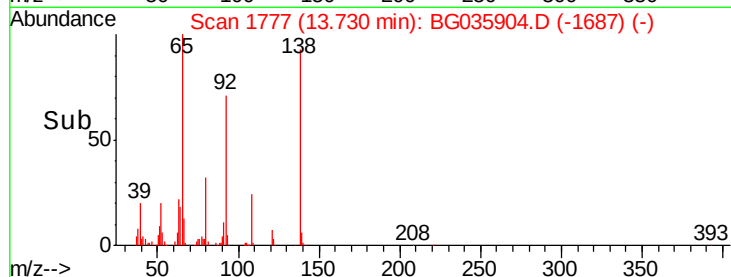
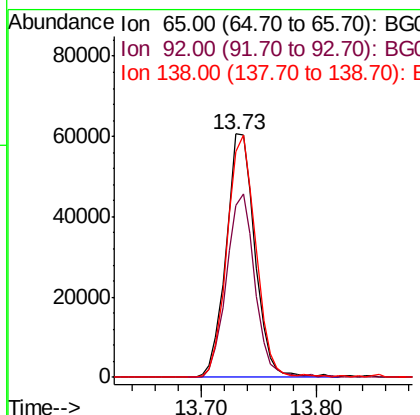
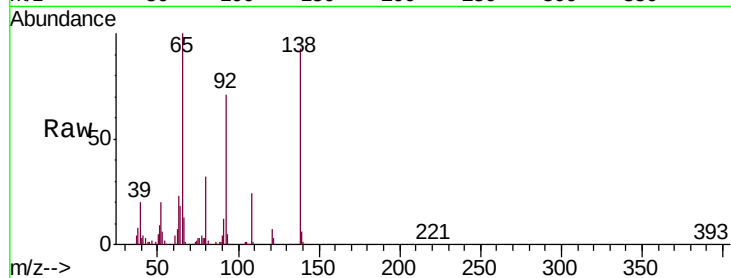




#47
2-Nitroaniline
Concen: 42.593 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

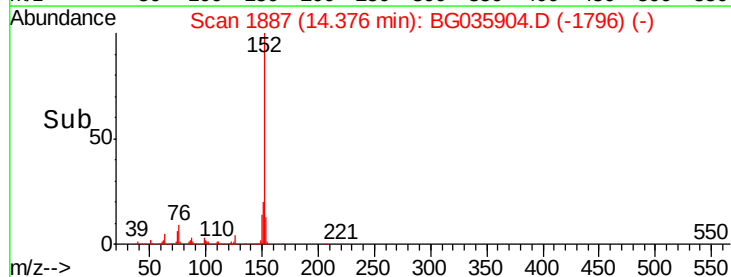
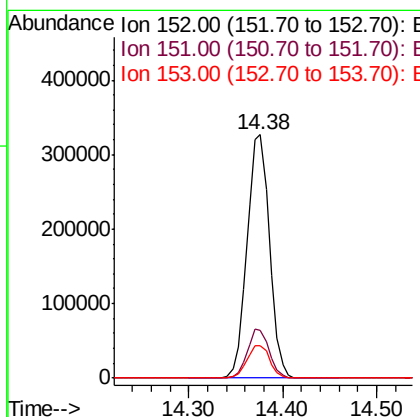
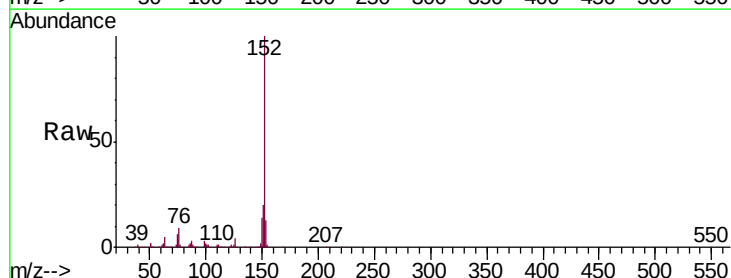
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

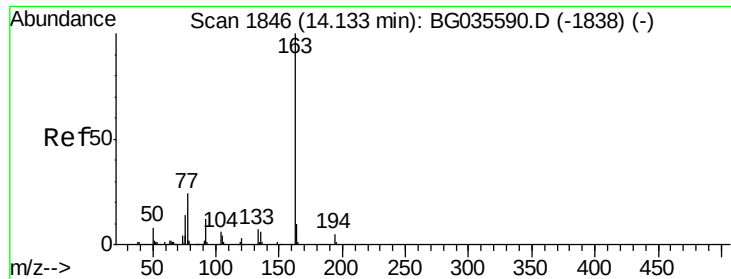
Tgt Ion: 65 Resp: 104895
Ion Ratio Lower Upper
65 100
92 70.5 54.6 82.0
138 92.7 72.9 109.3



#48
Acenaphthylene
Concen: 46.192 ng
RT: 14.38 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion: 152 Resp: 539012
Ion Ratio Lower Upper
152 100
151 19.5 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 43.711 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

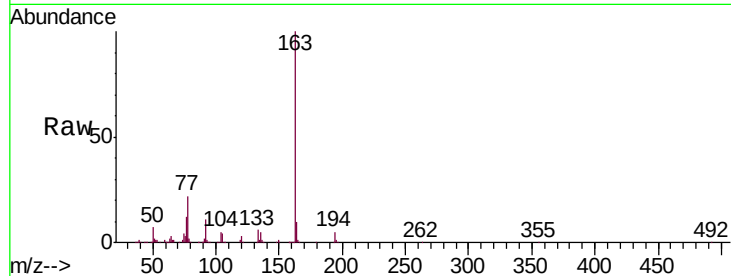
Tgt Ion:163 Resp: 442381

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

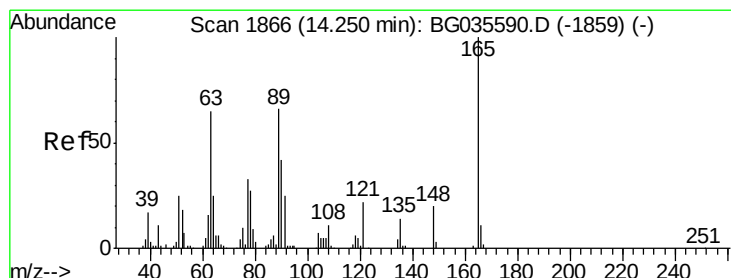
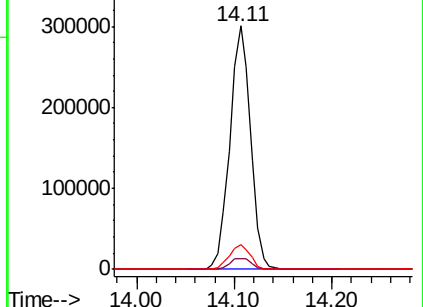
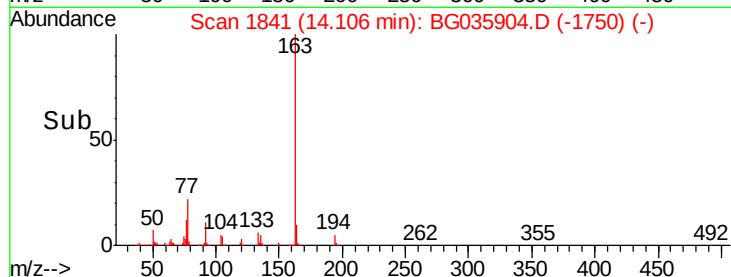
164 10.2 8.2 12.4



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: 50.030 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

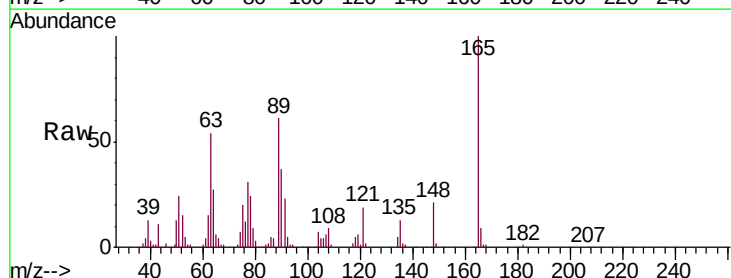
Tgt Ion:165 Resp: 103109

Ion Ratio Lower Upper

165 100

63 54.5 52.7 79.1

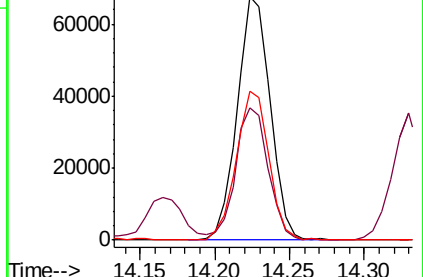
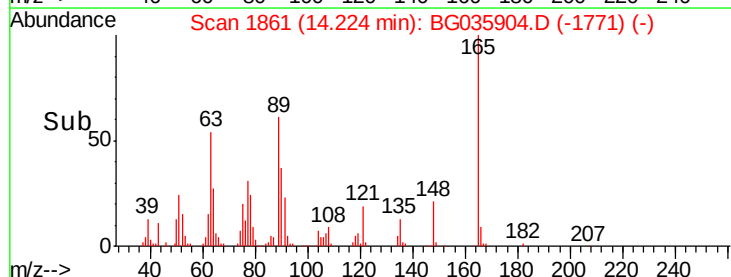
89 61.4 49.2 73.8

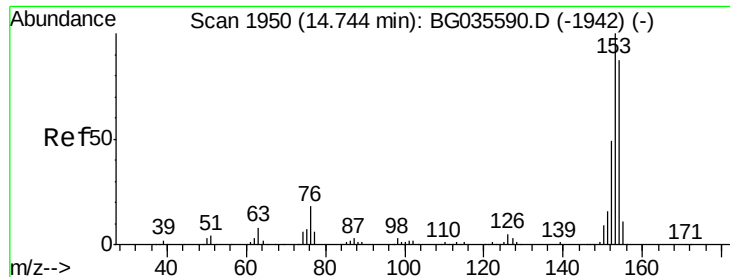


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.183 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

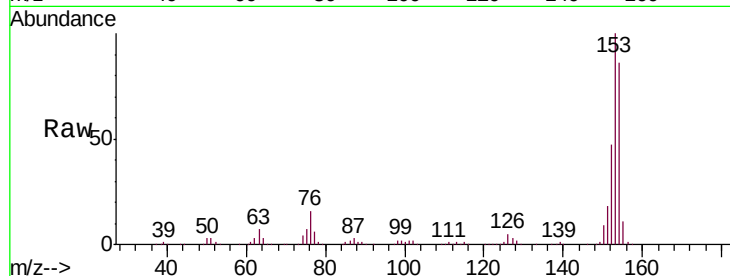
Tgt Ion:154 Resp: 313901

Ion Ratio Lower Upper

154 100

153 115.9 90.4 135.6

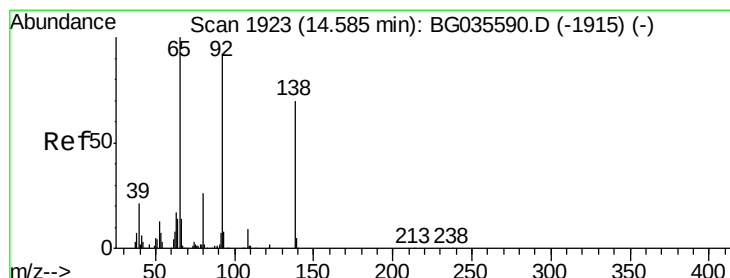
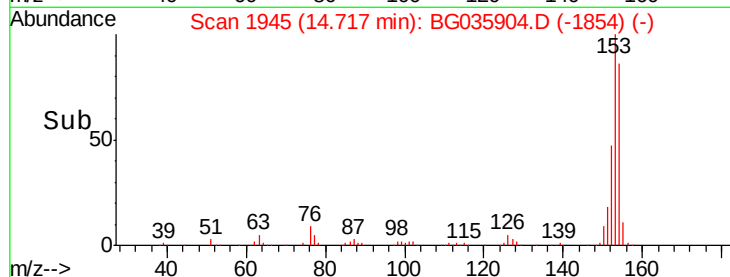
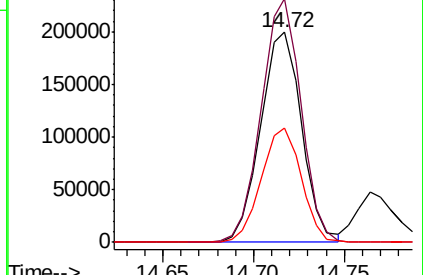
152 54.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.119 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

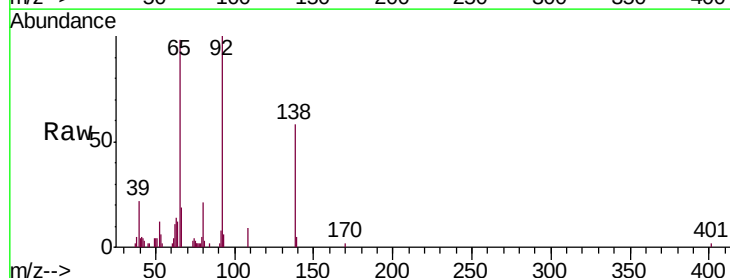
Tgt Ion:138 Resp: 10782

Ion Ratio Lower Upper

138 100

108 14.9 17.5 26.3#

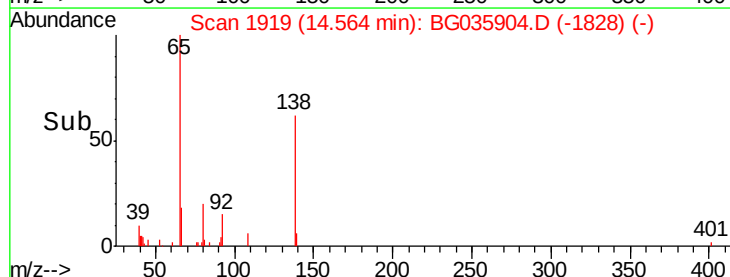
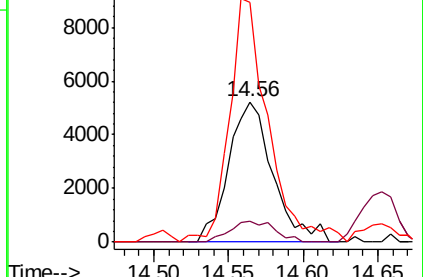
92 171.5 105.8 158.8#

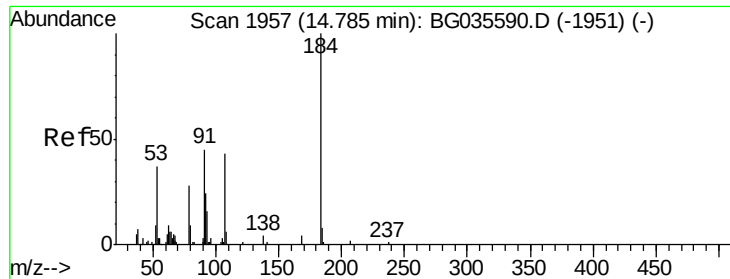


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 95.983 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

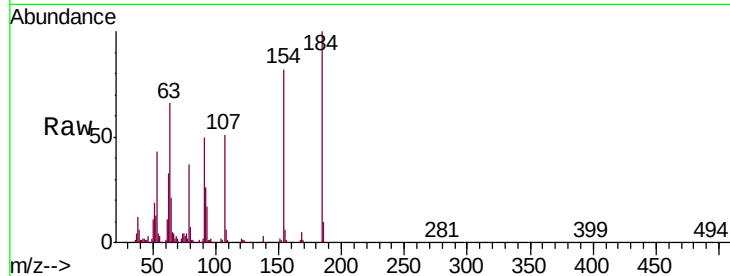
Tgt Ion:184 Resp: 103243

Ion Ratio Lower Upper

184 100

63 65.8 59.8 89.8

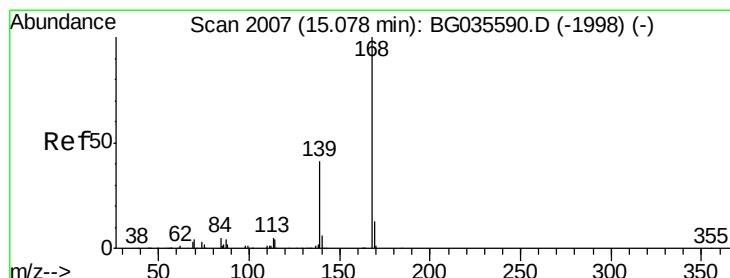
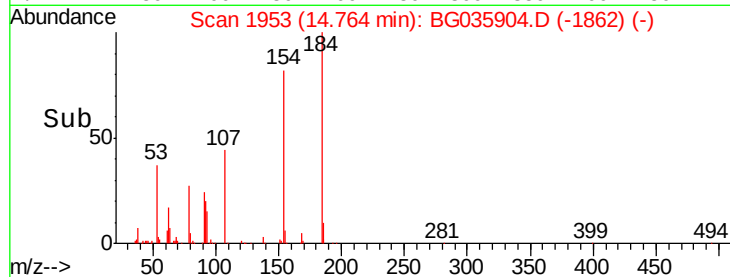
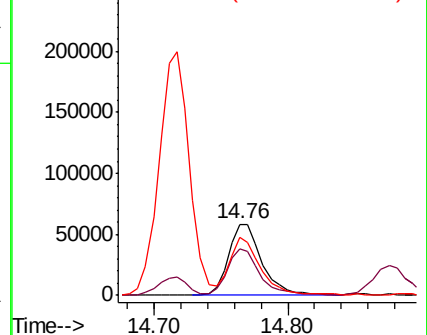
154 82.1 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.846 ng

RT: 15.05 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

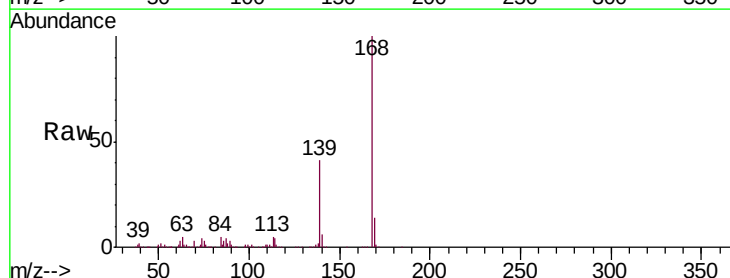
Tgt Ion:168 Resp: 518446

Ion Ratio Lower Upper

168 100

139 40.9 28.6 43.0

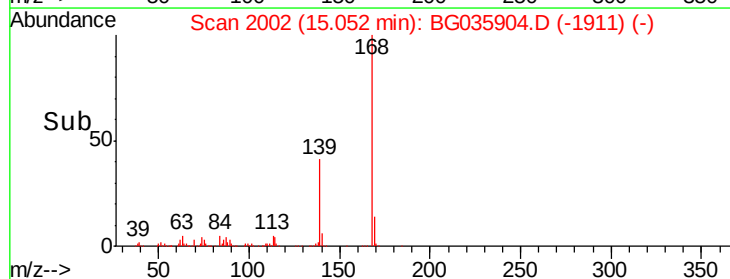
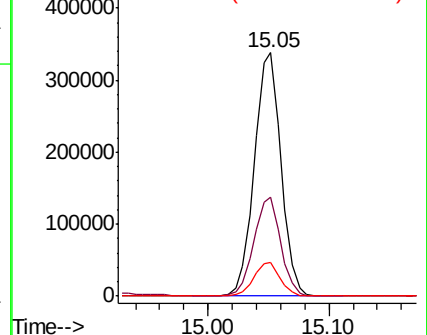
169 13.9 11.2 16.8

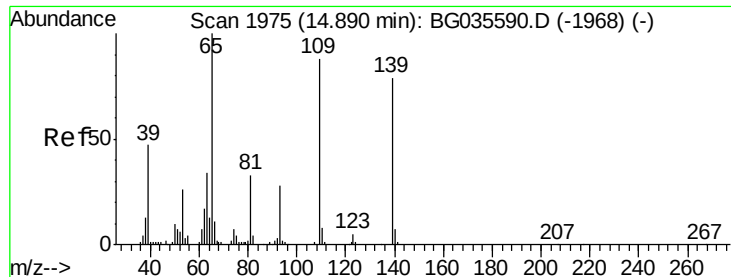


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.638 ng

RT: 14.88 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

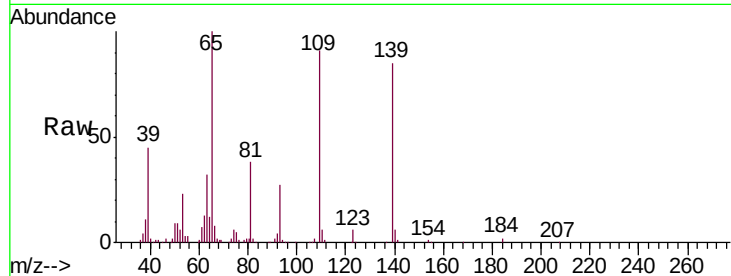
Tgt Ion:139 Resp: 126967

Ion Ratio Lower Upper

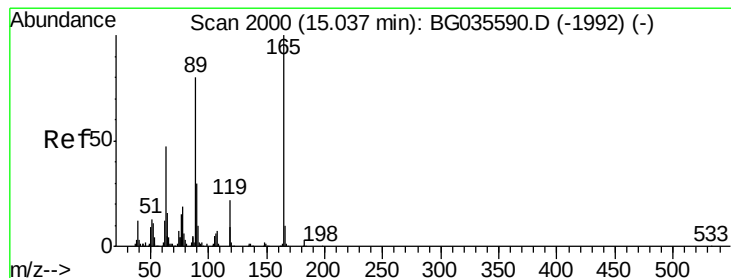
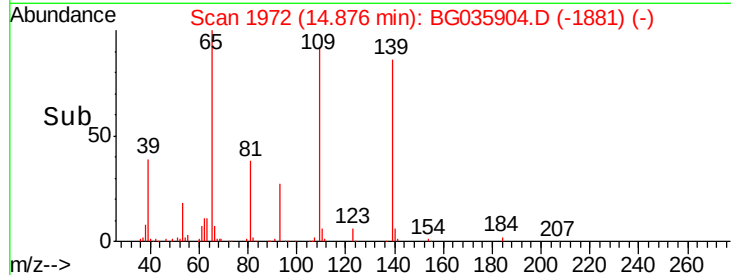
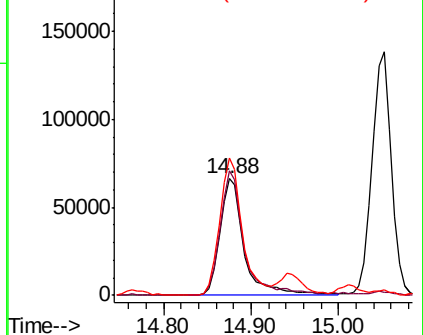
139 100

109 106.6 62.2 102.2#

65 117.8 97.2 137.2



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



#56

2,4-Dinitrotoluene

Concen: 49.677 ng

RT: 15.02 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Tgt Ion:165 Resp: 146881

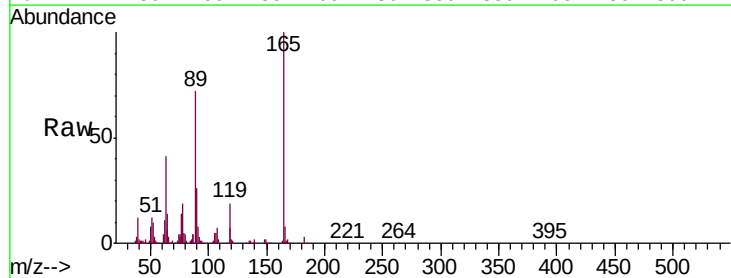
Ion Ratio Lower Upper

165 100

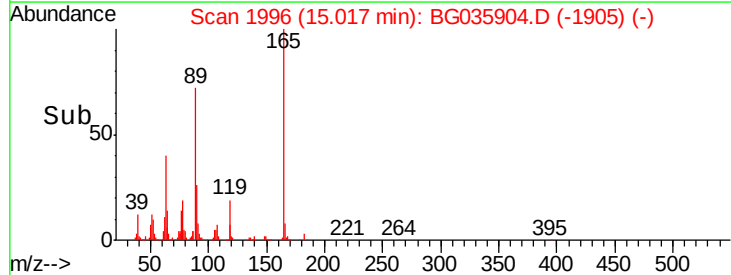
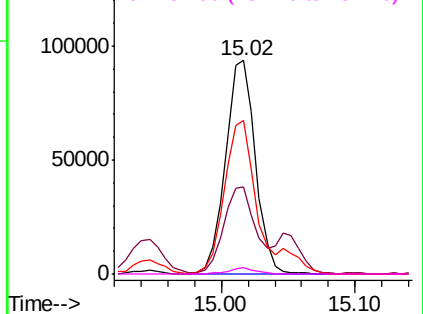
63 40.5 42.0 63.0#

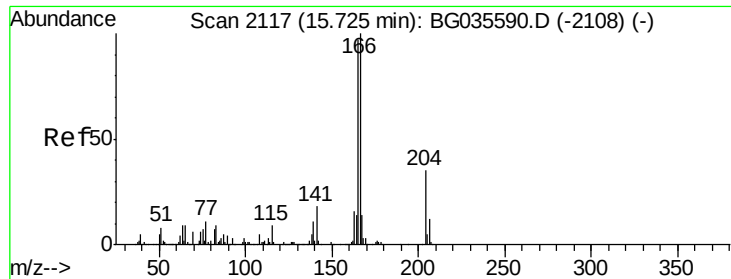
89 72.0 66.9 100.3

182 2.8 2.6 3.8



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

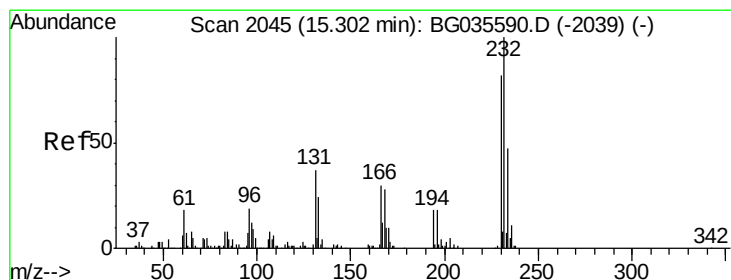
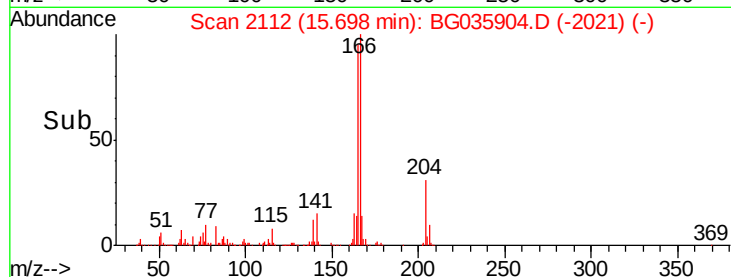
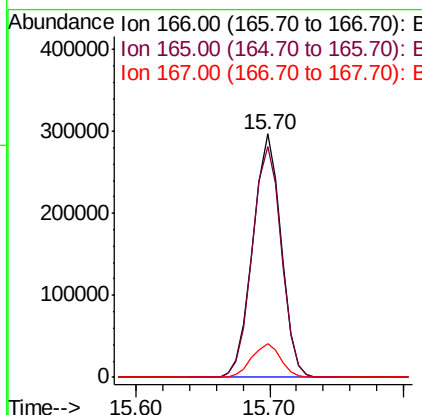
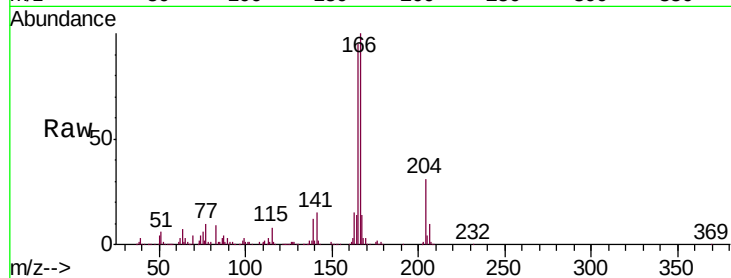




#57
 Fluorene
 Concen: 44.561 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

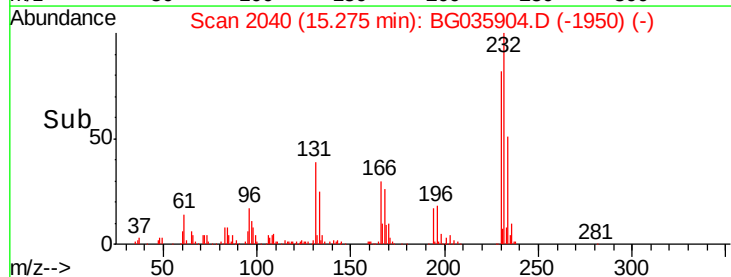
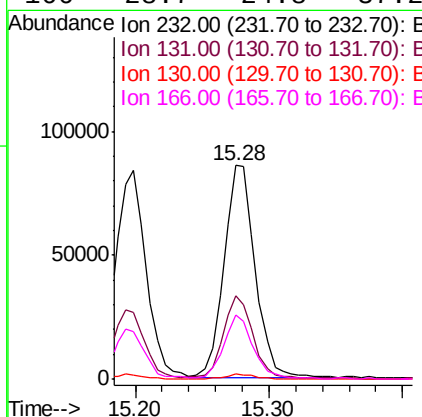
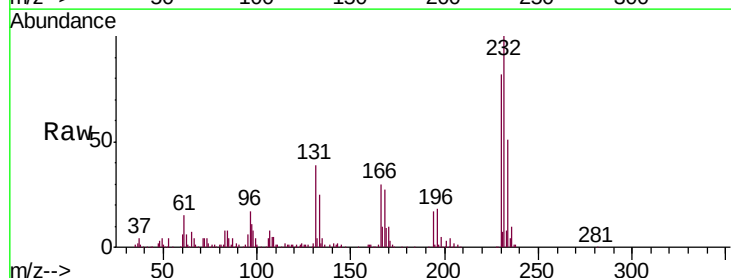
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

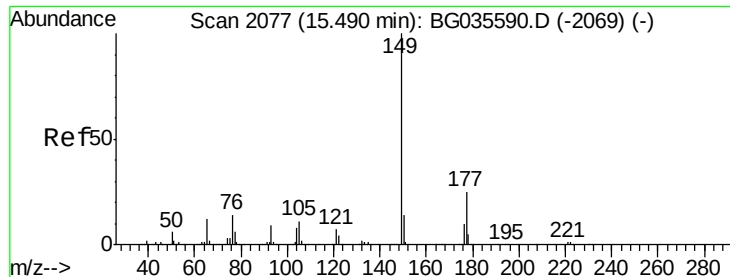
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.257 ng
 RT: 15.28 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.7	33.5	50.3
130	2.2	2.2	3.2
166	28.7	24.8	37.2

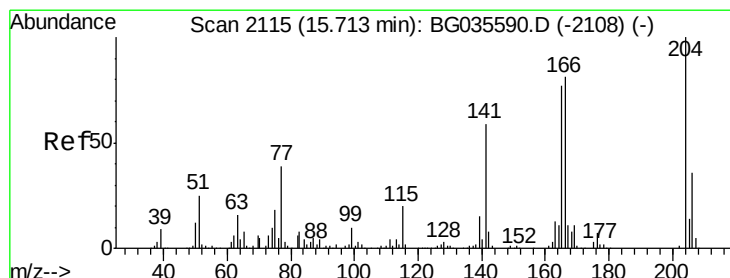
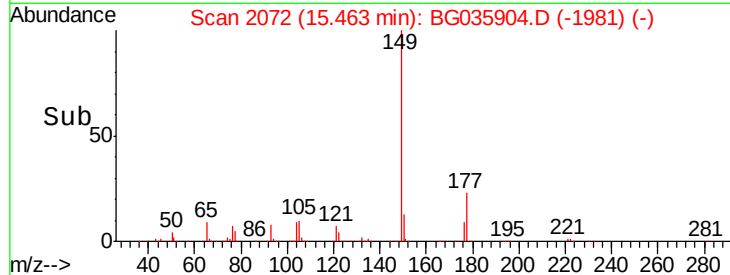
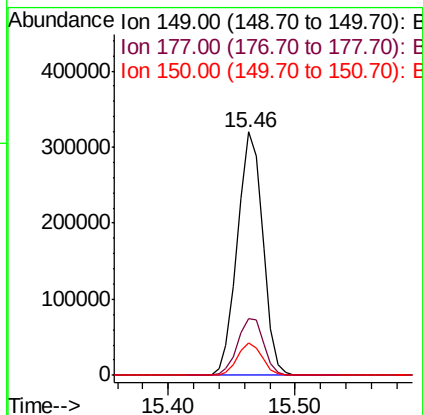
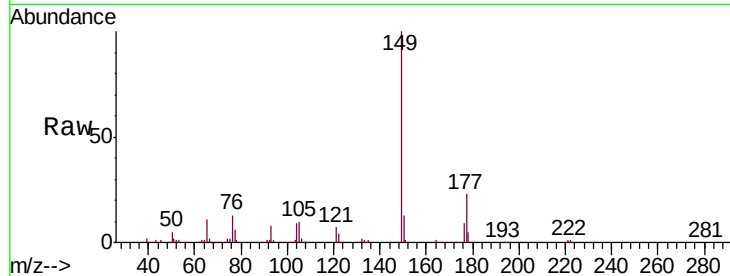




#59
Diethylphthalate
Concen: 42.478 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

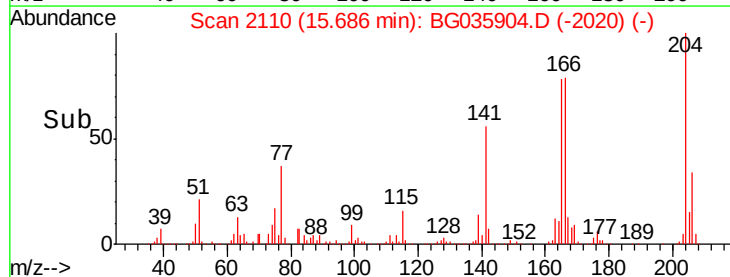
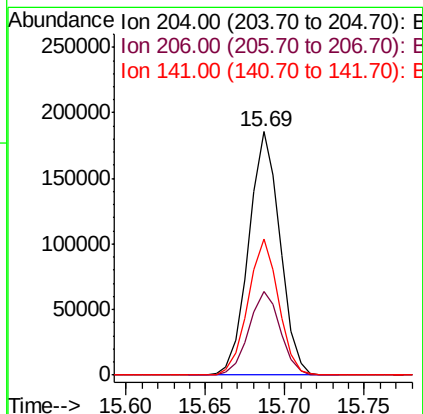
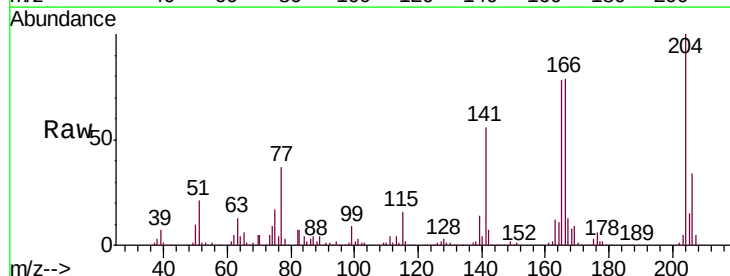
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

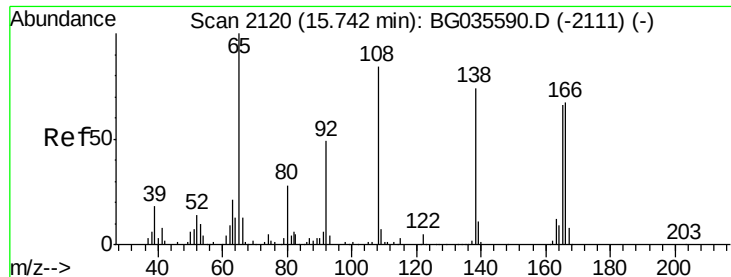
Tgt Ion:149 Resp: 442054
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.580 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion:204 Resp: 253878
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 55.7 45.8 68.6

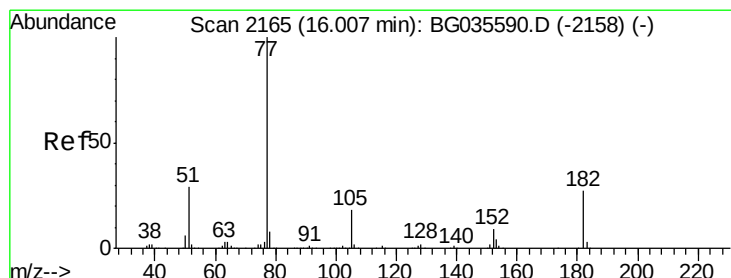
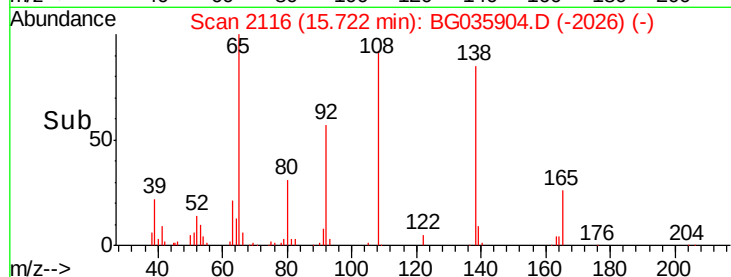
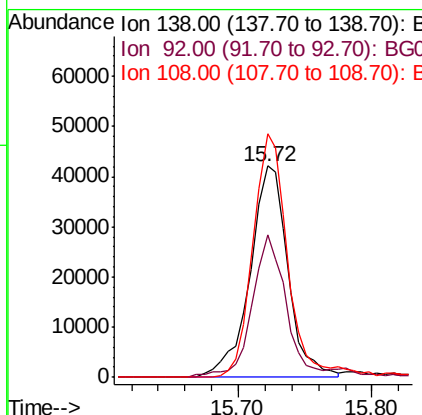
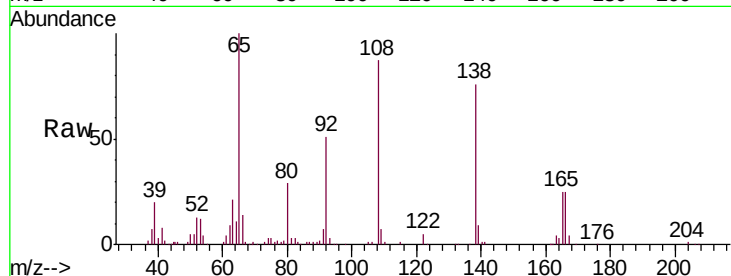




#61
4-Nitroaniline
Concen: 37.376 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

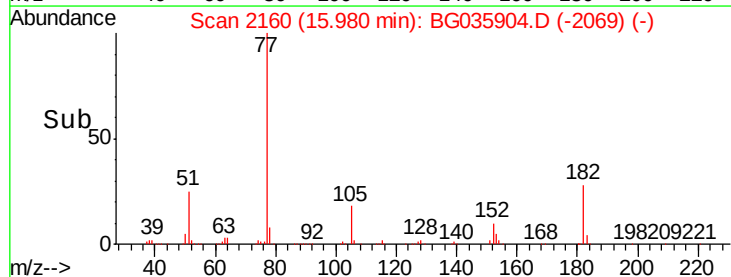
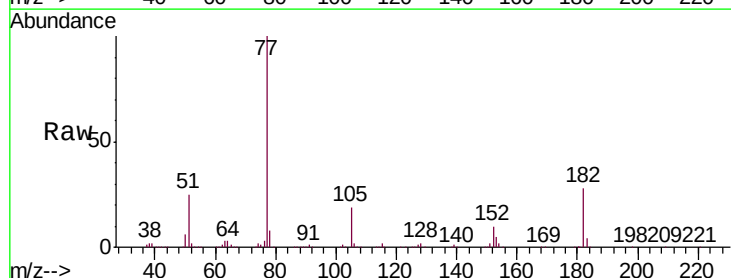
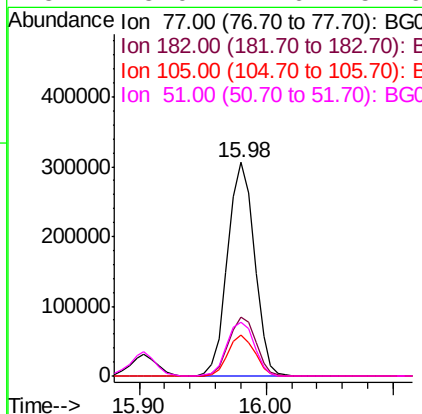
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

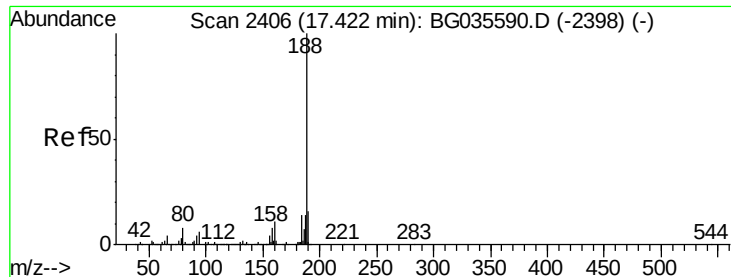
Tgt Ion:138 Resp: 82355
Ion Ratio Lower Upper
138 100
92 67.5 40.1 80.1
108 115.2 65.4 105.4#



#62
Azobenzene
Concen: 43.705 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion: 77 Resp: 448629
Ion Ratio Lower Upper
77 100
182 27.7 7.4 47.4
105 19.4 0.3 40.3
51 25.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

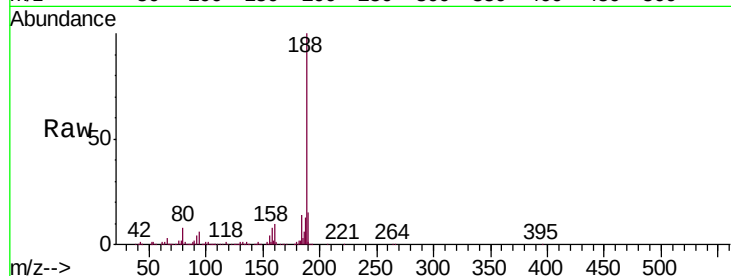
Tgt Ion:188 Resp: 314847

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

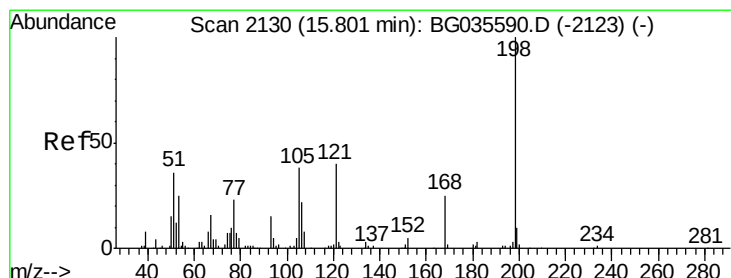
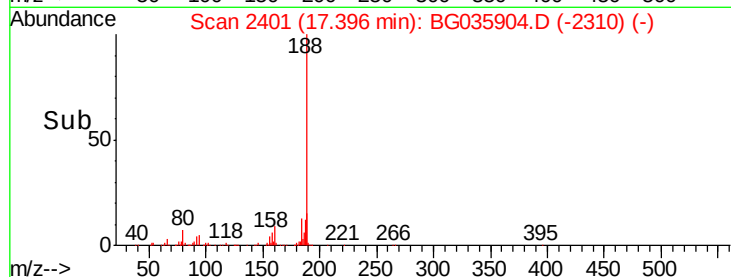
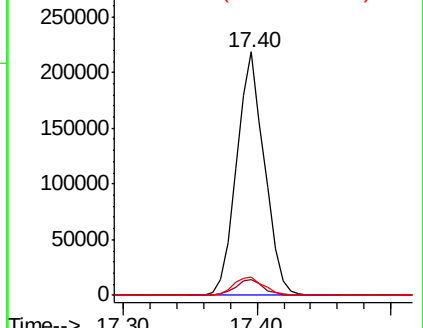
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 48.265 ng

RT: 15.78 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

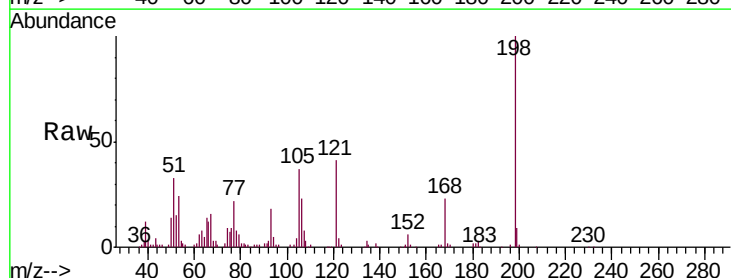
Tgt Ion:198 Resp: 84591

Ion Ratio Lower Upper

198 100

51 32.6 30.6 70.6

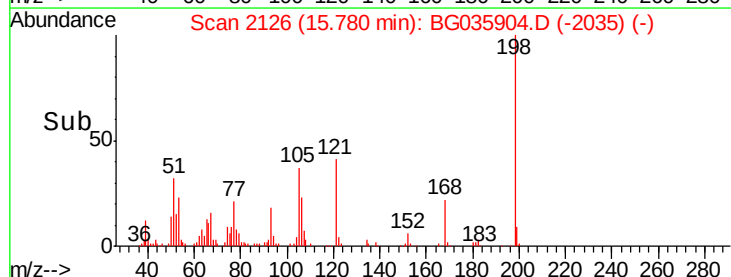
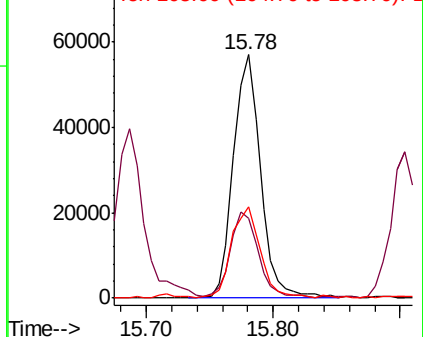
105 37.3 23.8 63.8

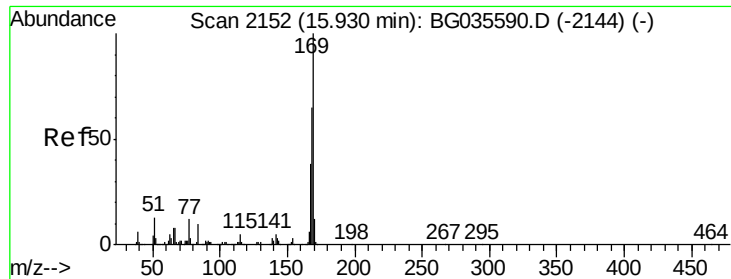


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

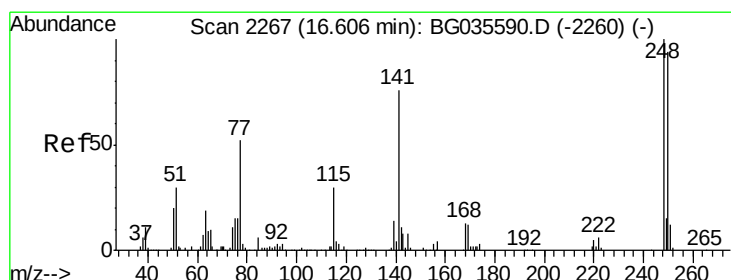
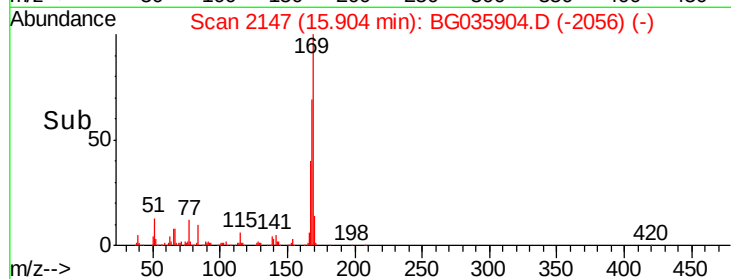
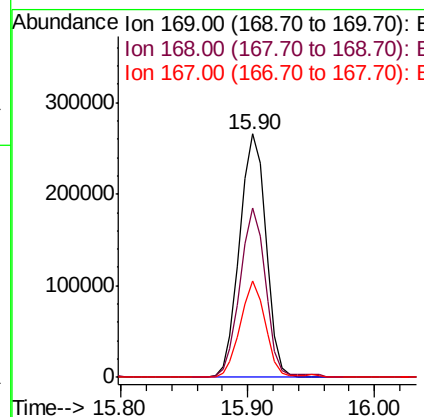
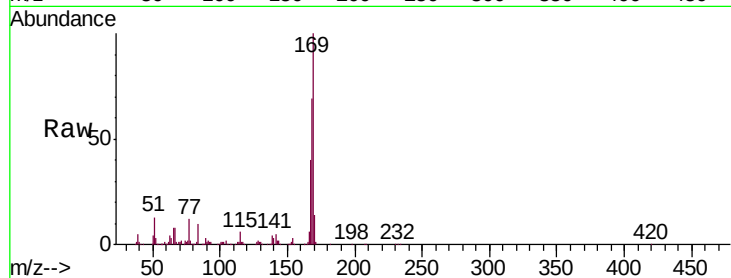




#65
n-Nitrosodiphenylamine
Concen: 42.618 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

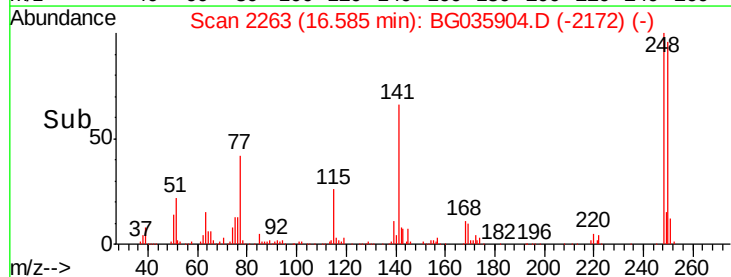
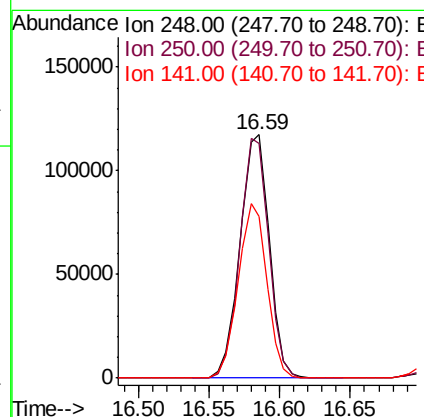
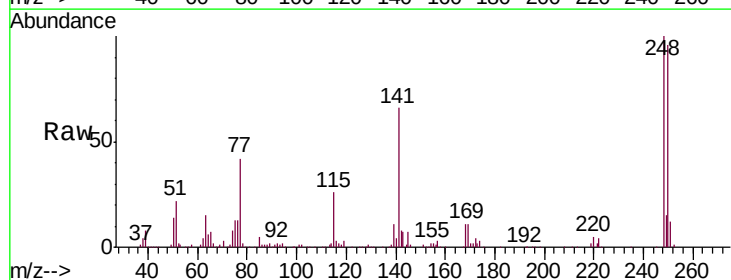
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

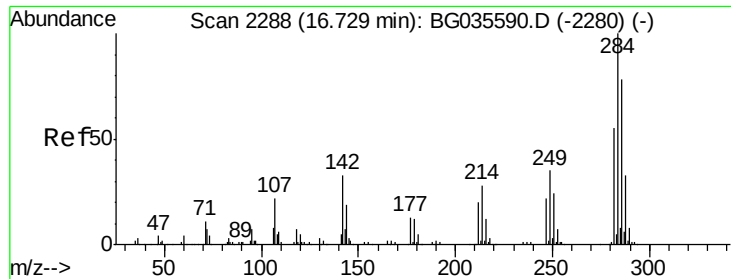
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	39.6	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 46.437 ng
RT: 16.59 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	66.3	50.8	76.2

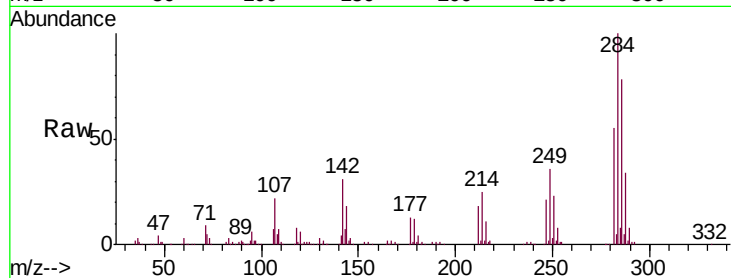




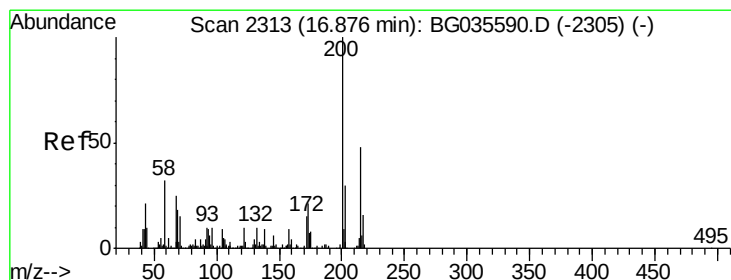
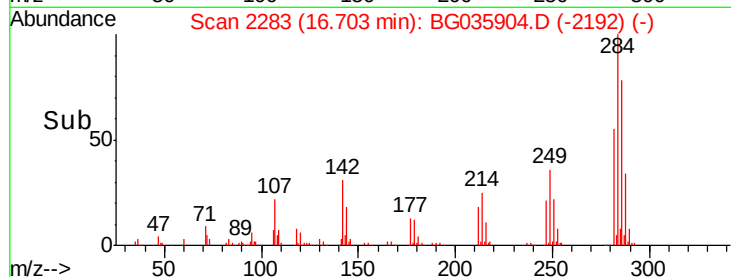
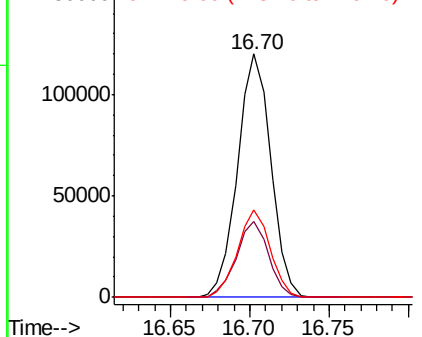
#67
Hexachlorobenzene
Concen: 46.474 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Tgt Ion:284 Resp: 174820
Ion Ratio Lower Upper
284 100
142 31.0 26.8 40.2
249 36.0 26.3 39.5

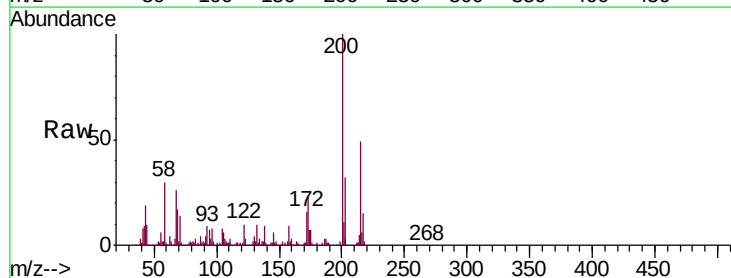


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

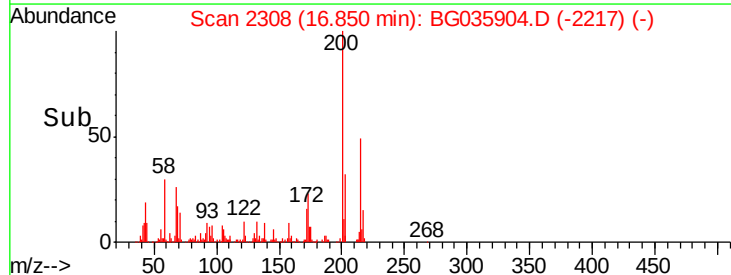
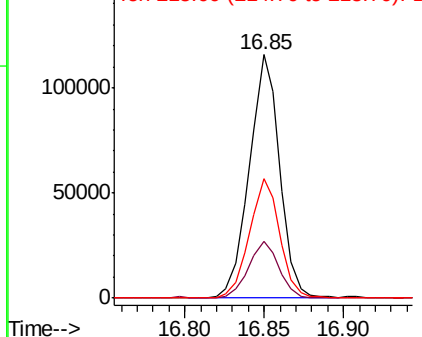


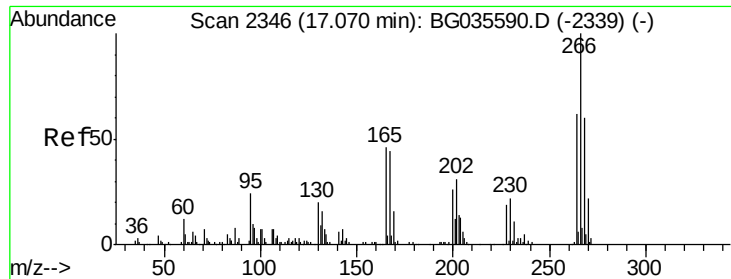
#68
Atrazine
Concen: 41.624 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion:200 Resp: 153586
Ion Ratio Lower Upper
200 100
173 23.1 5.2 45.2
215 49.2 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

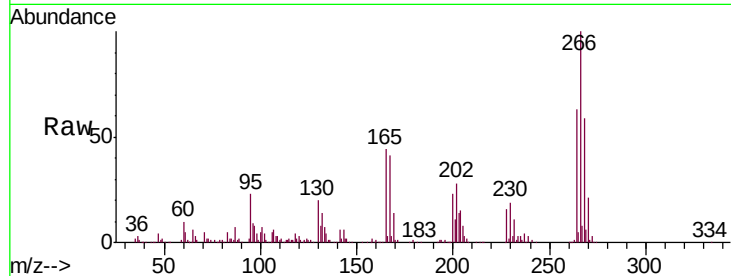




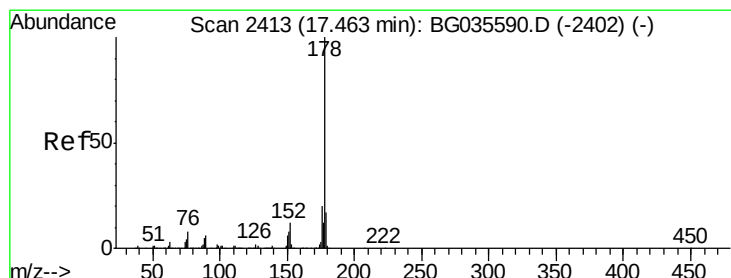
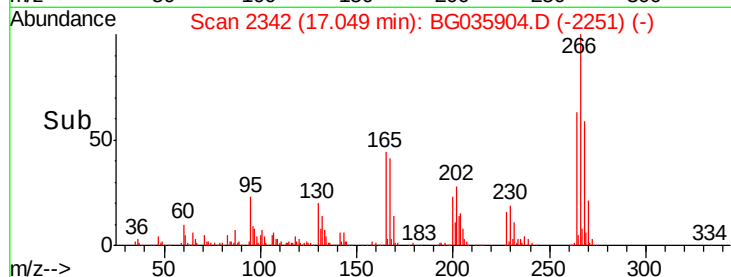
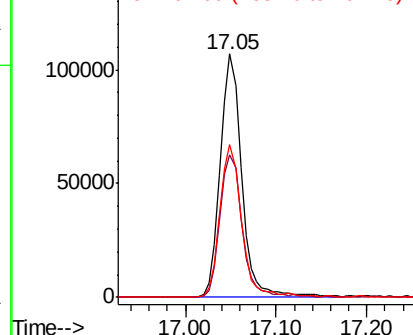
#69
 Pentachlorophenol
 Concen: 77.188 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

Tgt Ion:266 Resp: 176852
 Ion Ratio Lower Upper
 266 100
 268 58.5 51.1 76.7
 264 62.6 49.6 74.4

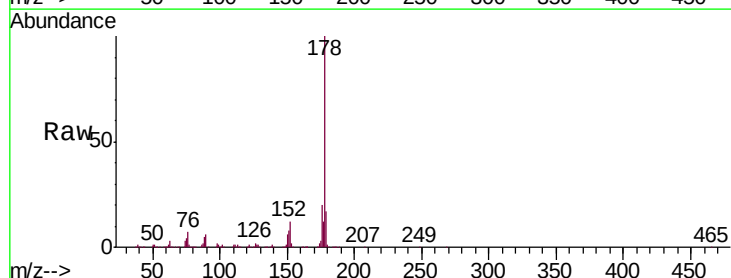


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

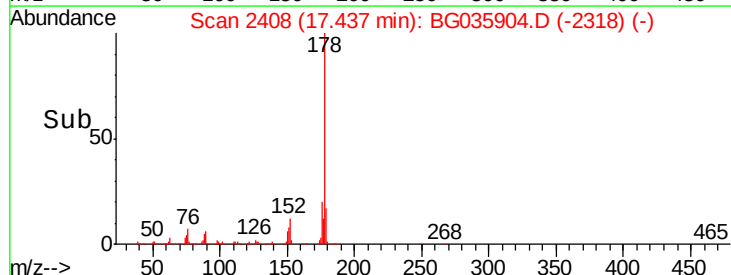
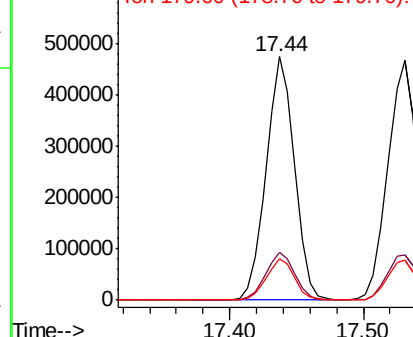


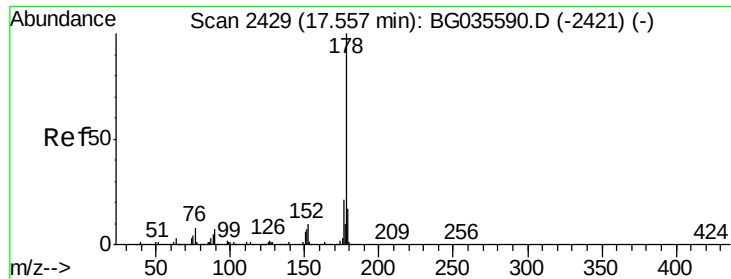
#70
 Phenanthrene
 Concen: 44.402 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion:178 Resp: 697566
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 17.2 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

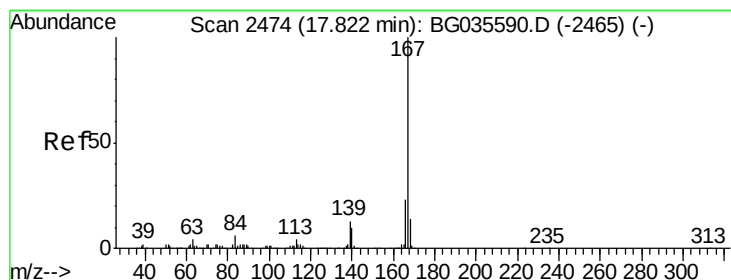
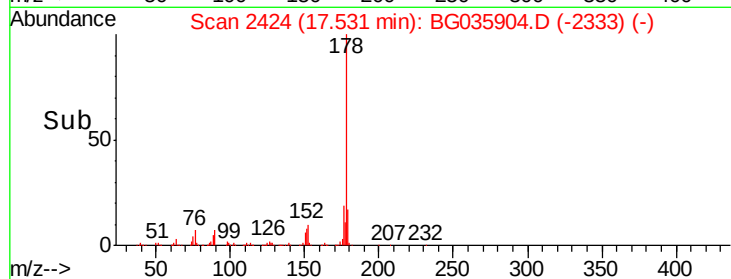
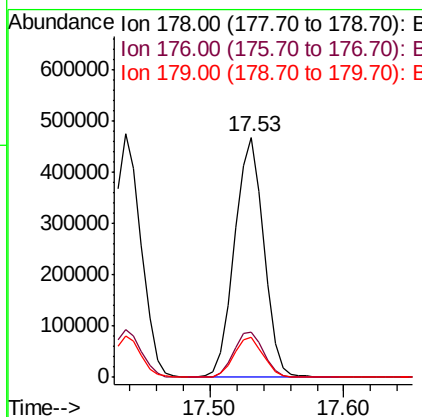
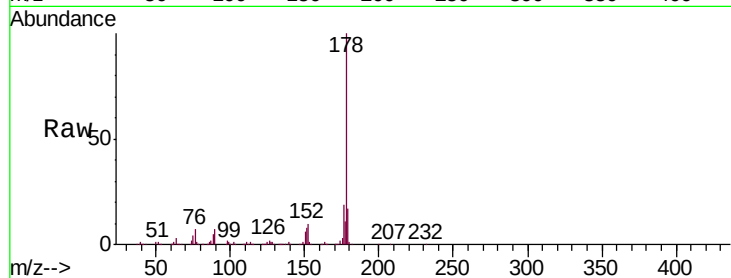




#71
 Anthracene
 Concen: 45.229 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

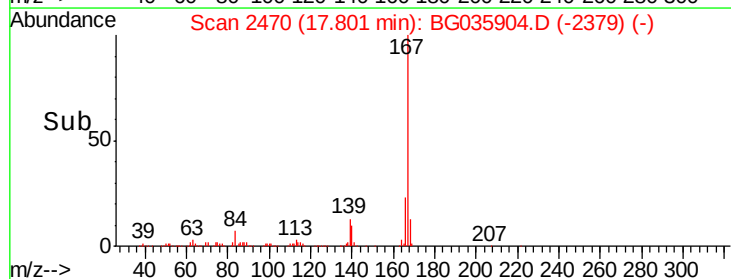
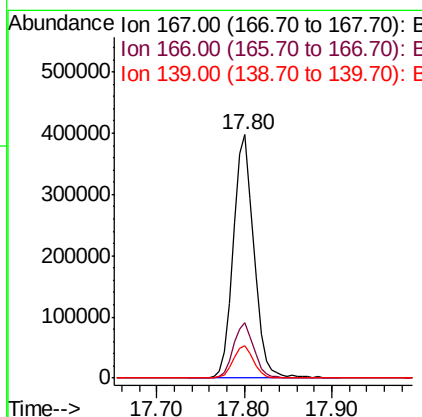
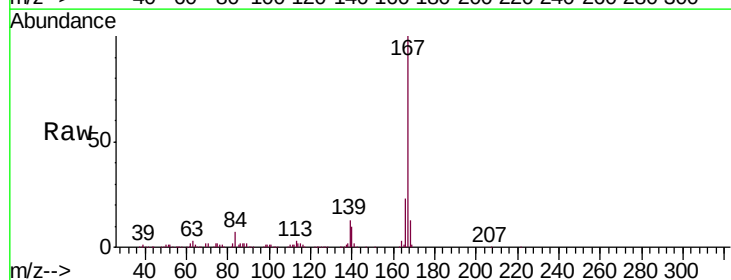
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-AMS

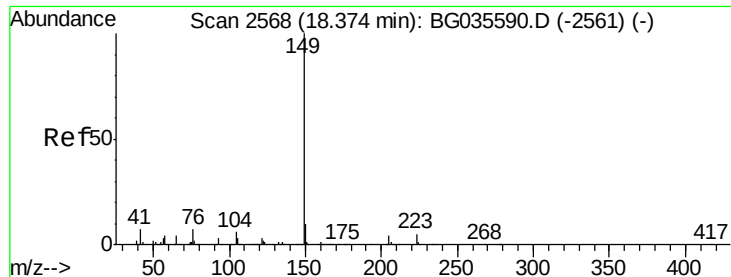
Tgt Ion:178 Resp: 707519
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 42.820 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG035904.D
 Acq: 26 Jul 2018 11:24

Tgt Ion:167 Resp: 636137
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.132 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

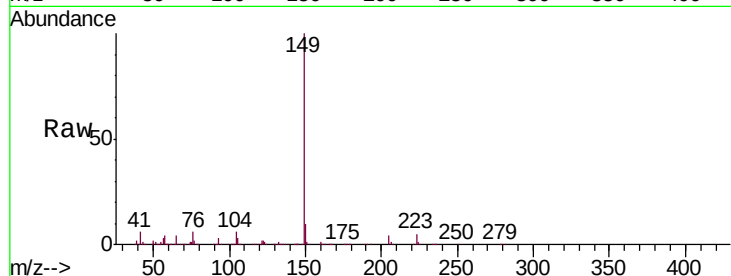
Tgt Ion:149 Resp: 739665

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

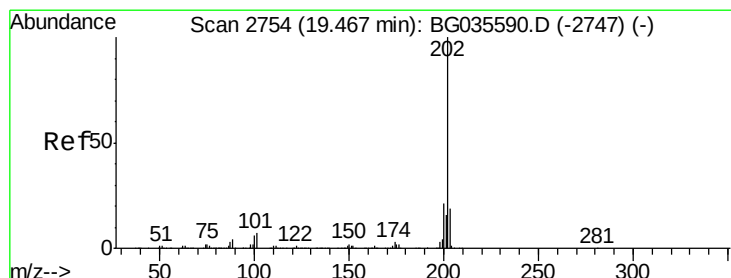
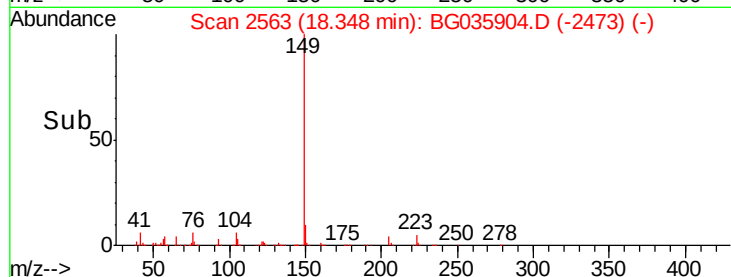
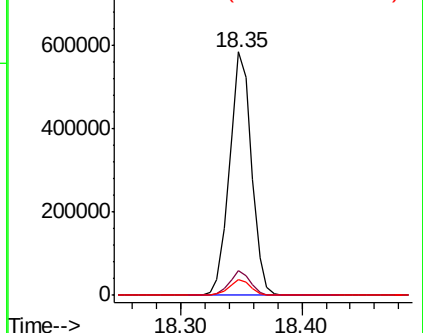
104 6.5 3.9 5.9#



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: 42.697 ng

RT: 19.45 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

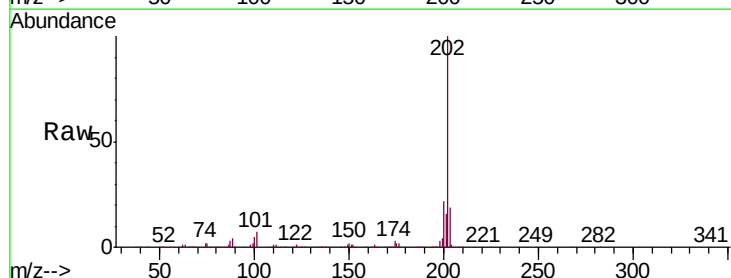
Tgt Ion:202 Resp: 903546

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

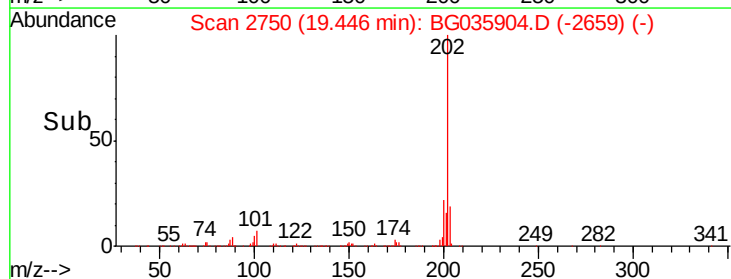
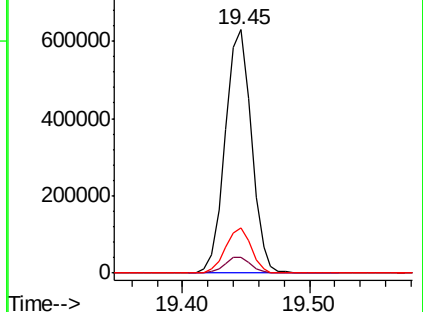
203 18.7 0.0 37.5

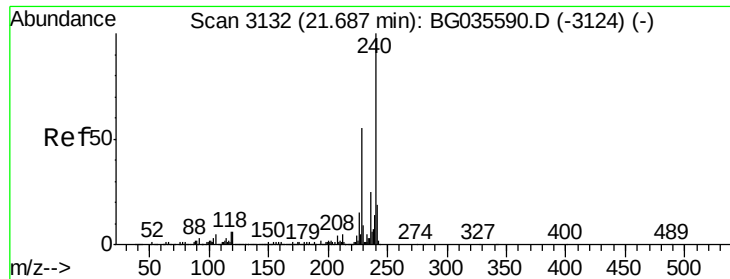


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.66 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

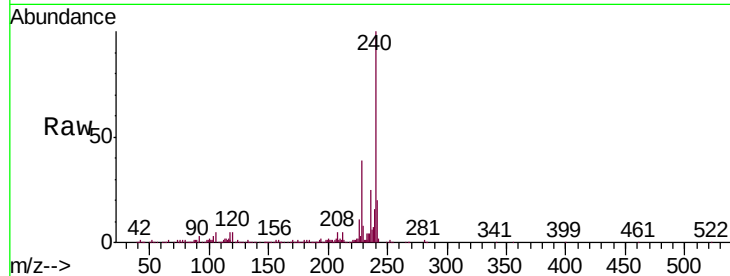
Tgt Ion:240 Resp: 331746

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

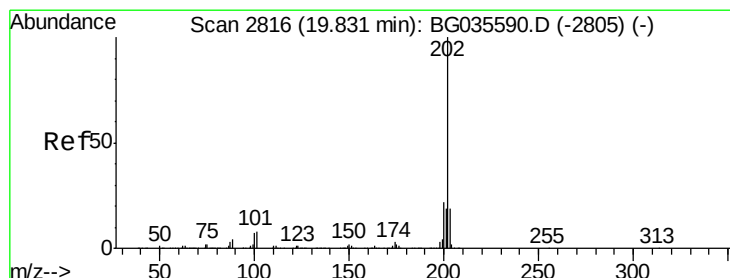
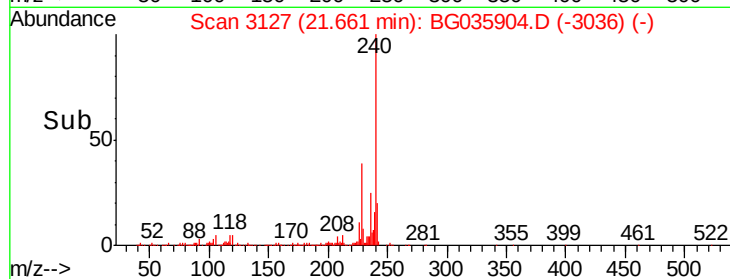
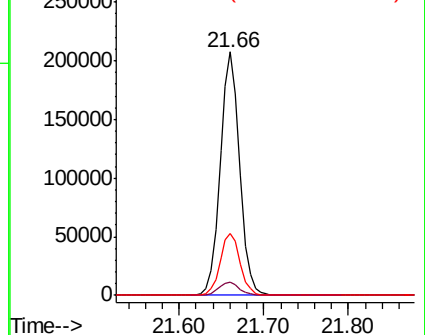
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 43.404 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

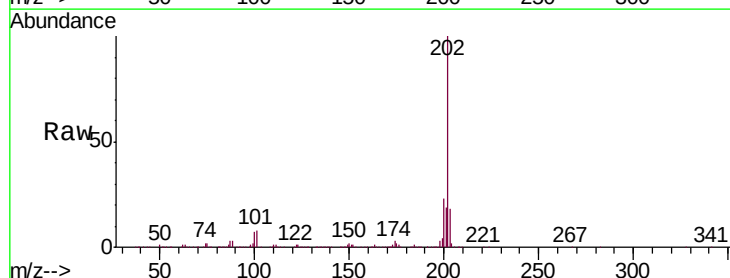
Tgt Ion:202 Resp: 910482

Ion Ratio Lower Upper

202 100

200 23.4 16.9 25.3

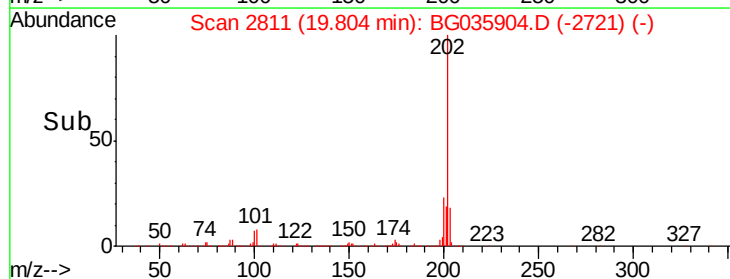
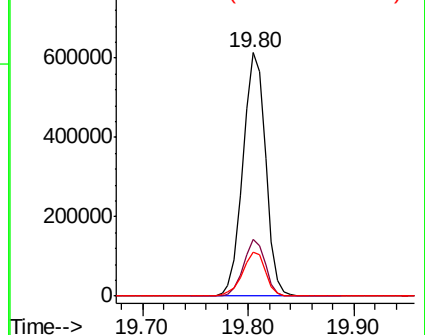
203 18.3 13.9 20.9

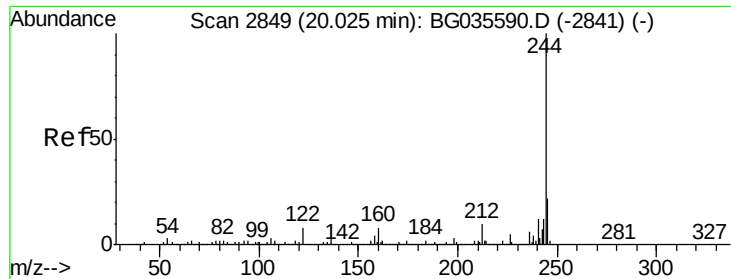


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.443 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

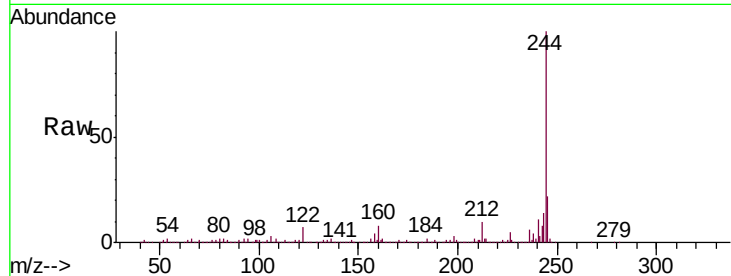
Tgt Ion:244 Resp: 1406305

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

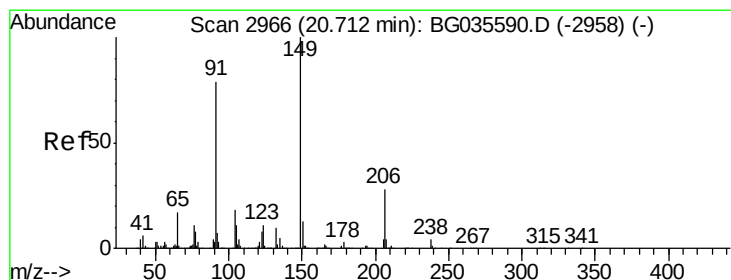
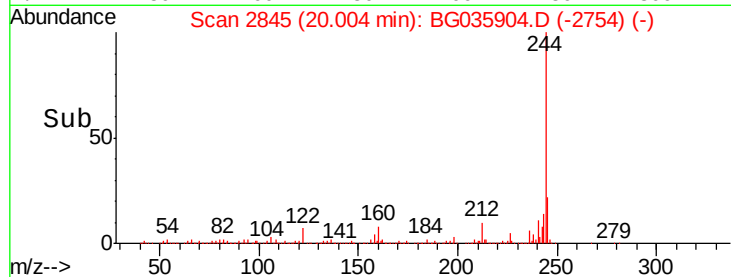
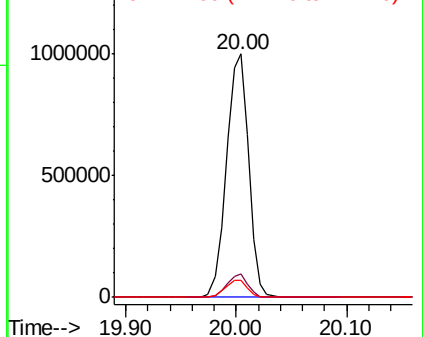
122 6.8 7.0 10.4#



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: 44.691 ng

RT: 20.69 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

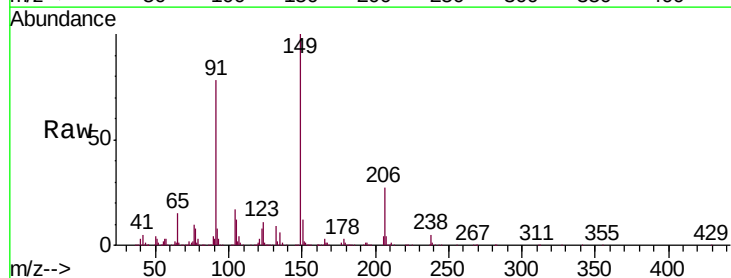
Tgt Ion:149 Resp: 335240

Ion Ratio Lower Upper

149 100

91 77.9 62.2 93.2

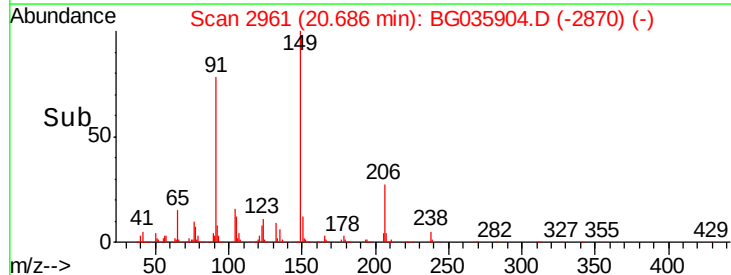
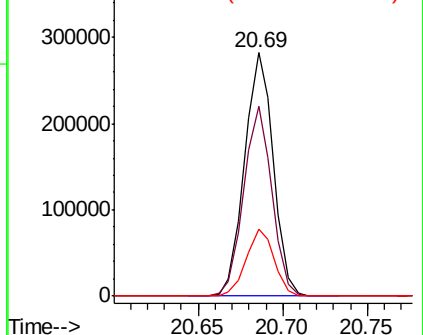
206 27.4 18.6 27.8

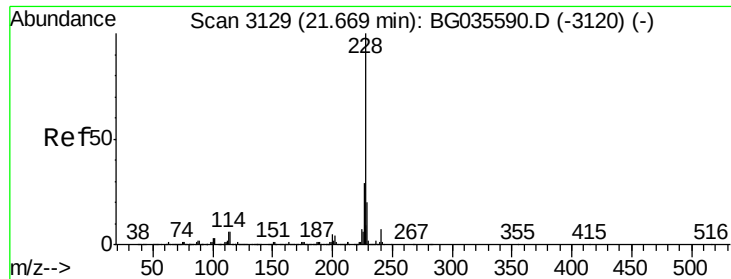


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.799 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

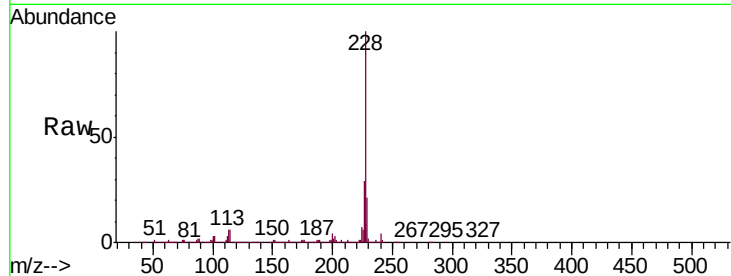
Tgt Ion:228 Resp: 905478

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

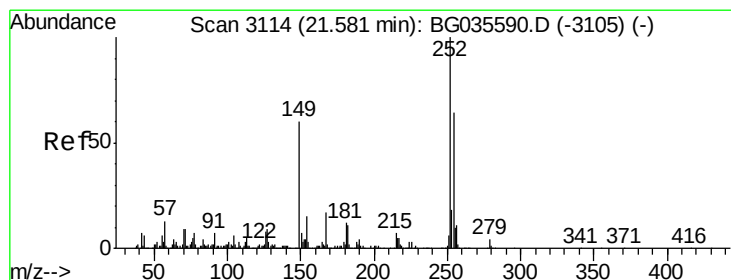
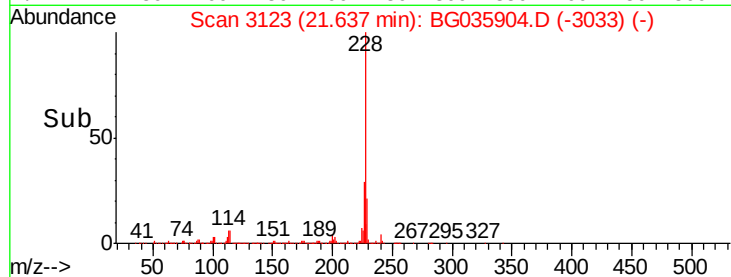
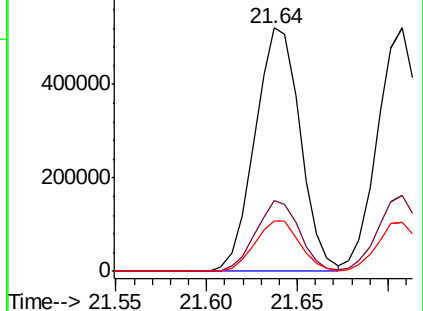
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 15.183 ng

RT: 21.55 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

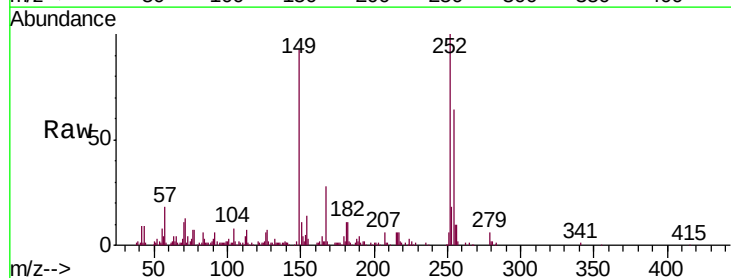
Tgt Ion:252 Resp: 109449

Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

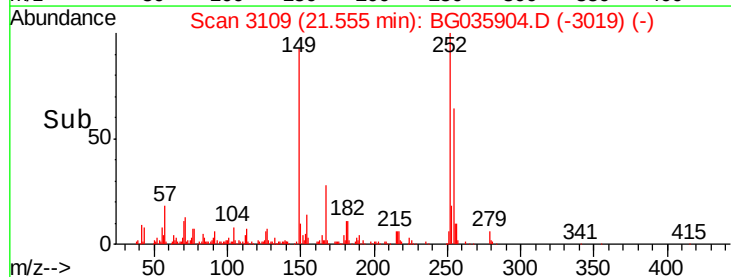
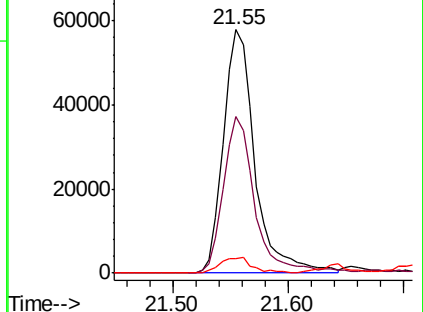
126 5.9 7.4 11.2#

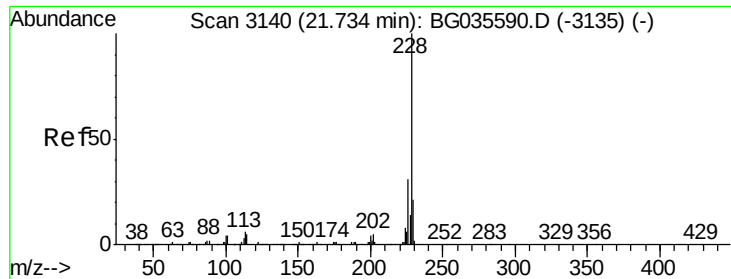


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.238 ng

RT: 21.71 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

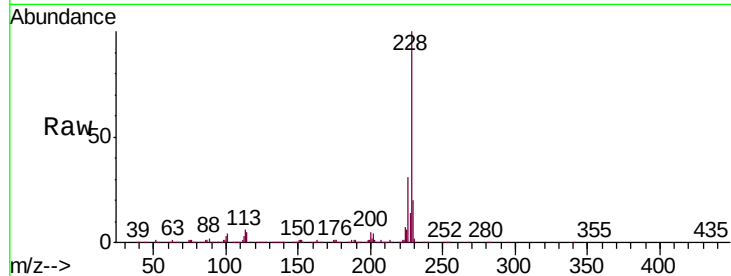
BNA_G

ClientSampleId :

HR-06-072418-AMS

Tgt Ion: 228 Resp: 847495

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.1	15.0	22.4

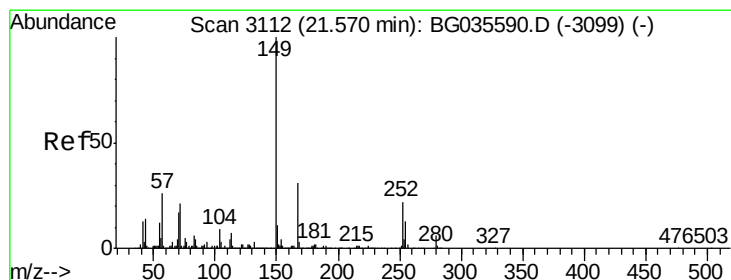
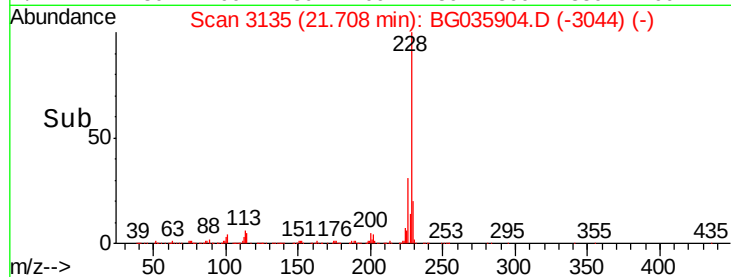
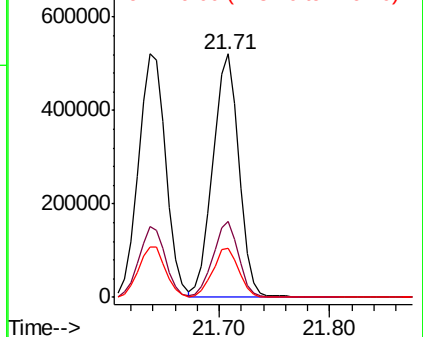


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.572 ng

RT: 21.54 min Scan# 3106

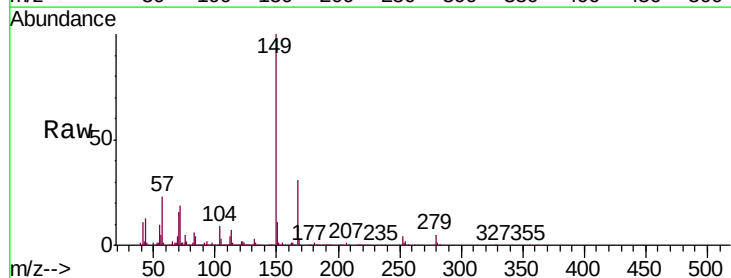
Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Tgt Ion: 149 Resp: 464745

Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	5.1	4.0	6.0

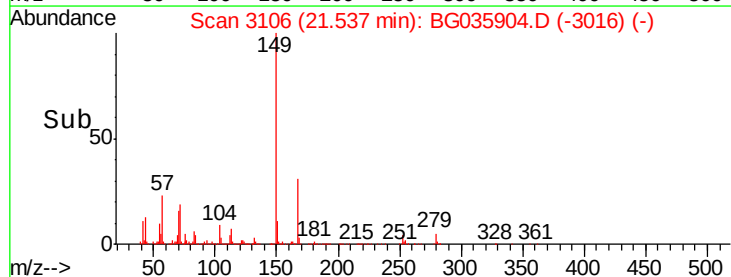
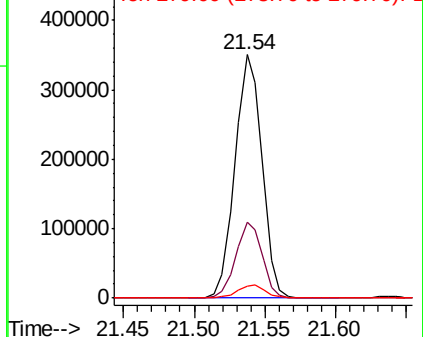


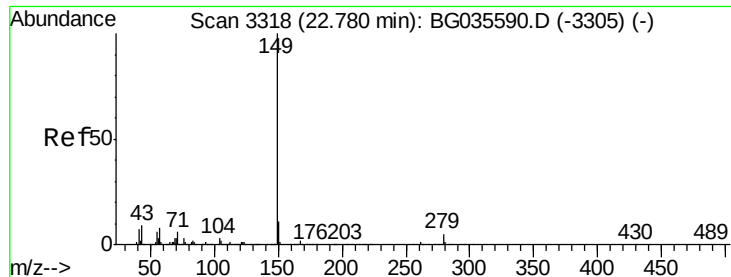
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.513 ng

RT: 22.74 min Scan# 3310

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

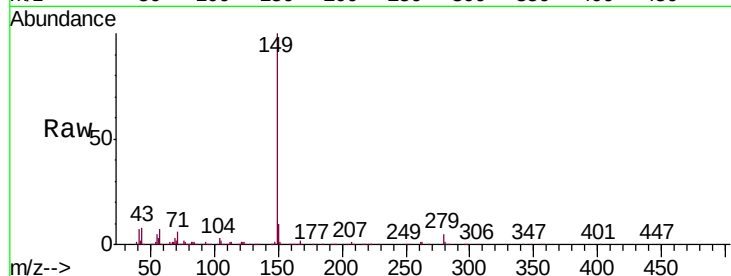
Tgt Ion:149 Resp: 794221

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

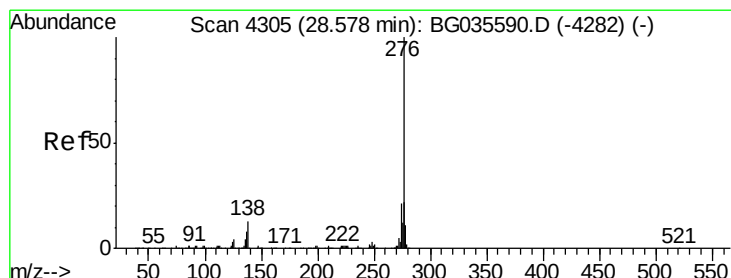
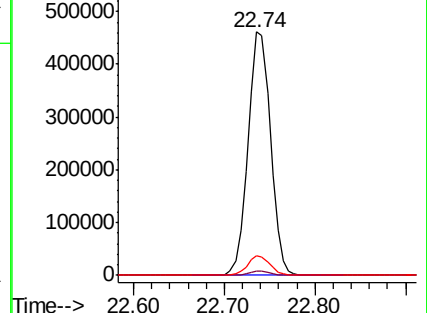
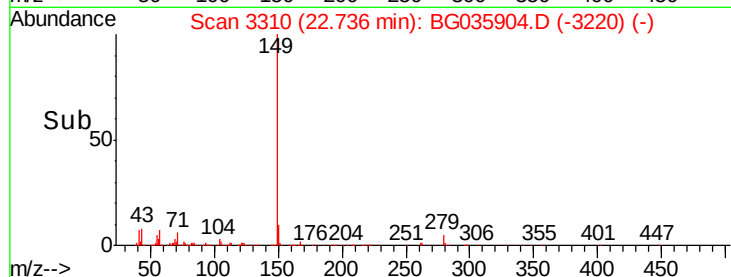
43 7.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.568 ng

RT: 28.51 min Scan# 4293

Delta R.T. 0.01 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

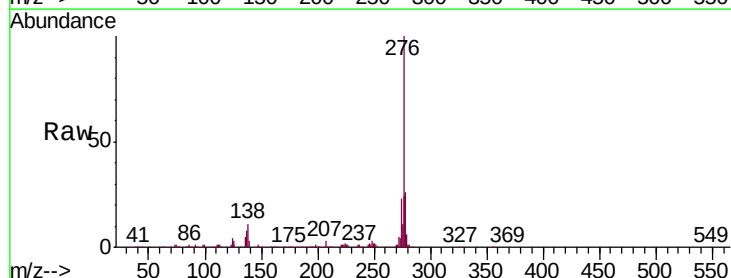
Tgt Ion:276 Resp: 966493

Ion Ratio Lower Upper

276 100

138 9.6 16.0 24.0#

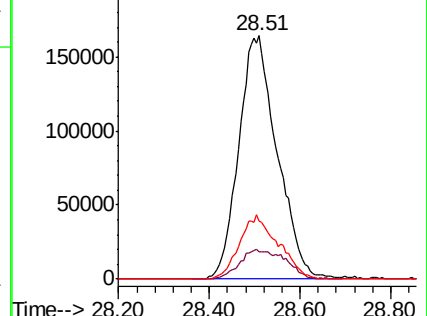
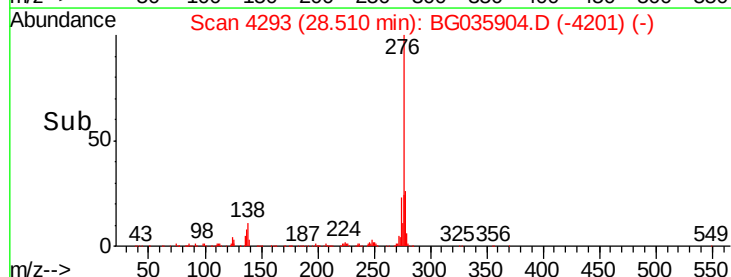
277 26.6 20.0 30.0

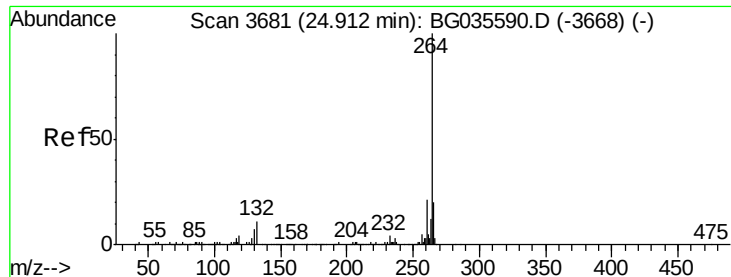


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



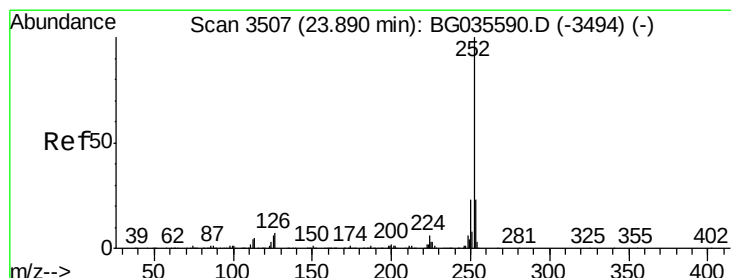
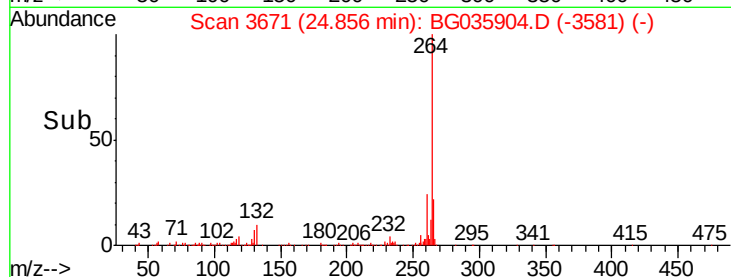
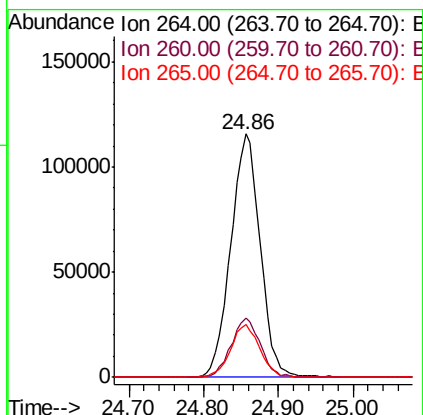
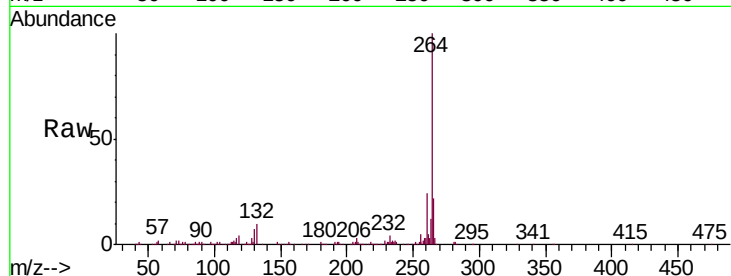


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Tgt Ion: 264 Resp: 316523

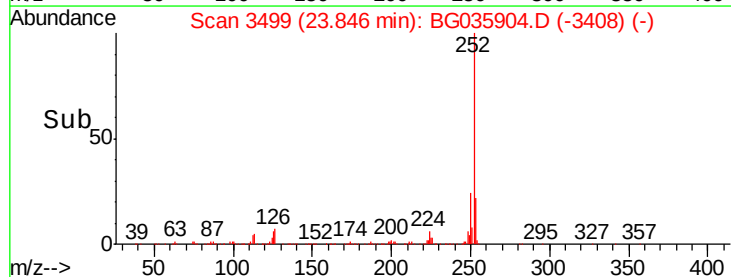
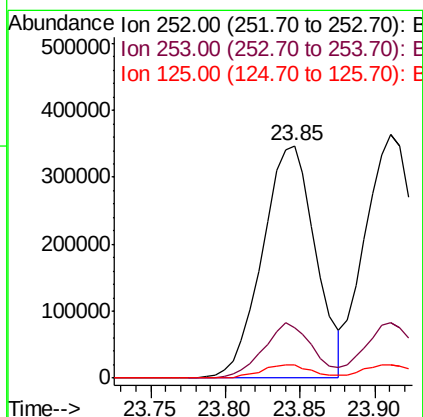
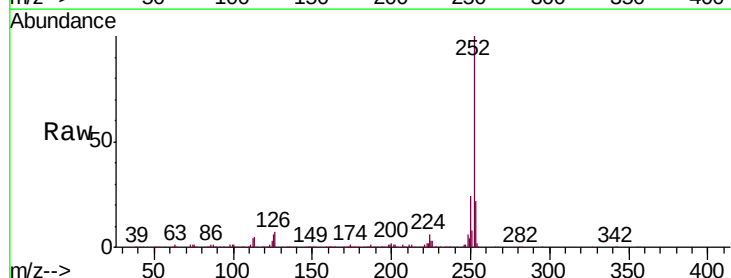
Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.8	17.7	26.5

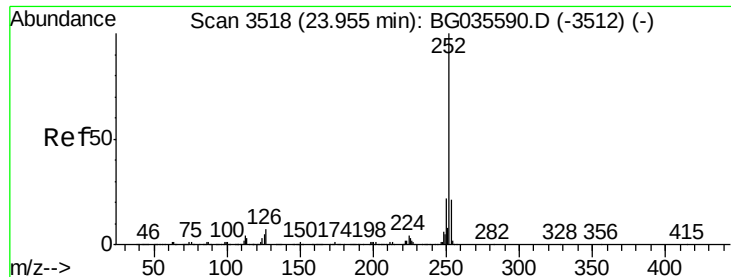


#87
Benzo(b)fluoranthene
Concen: 44.787 ng
RT: 23.85 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG035904.D
Acq: 26 Jul 2018 11:24

Tgt Ion: 252 Resp: 861627

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	5.9	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 44.877 ng

RT: 23.91 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

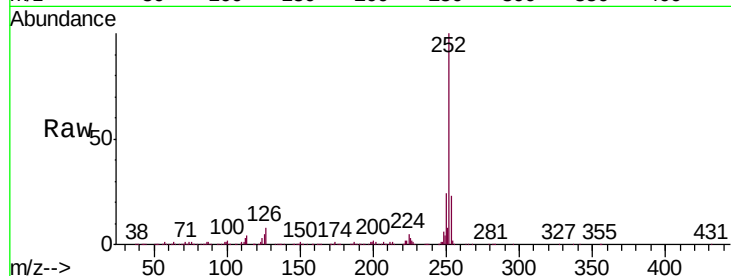
Tgt Ion:252 Resp: 844049

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

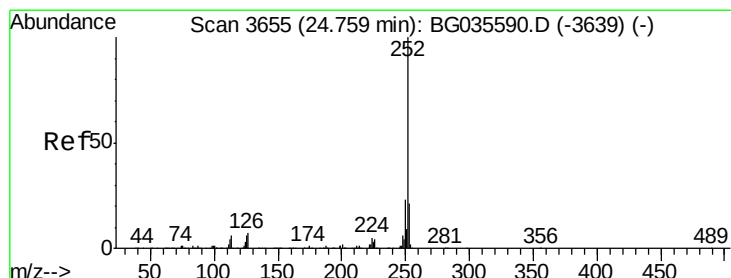
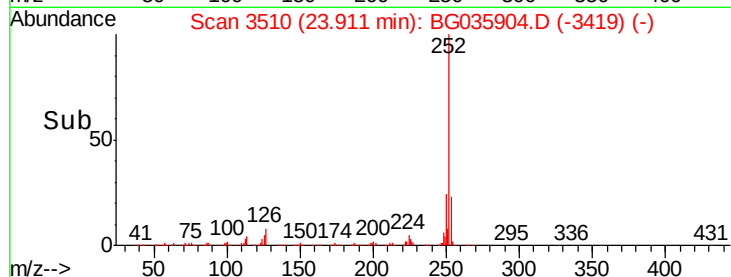
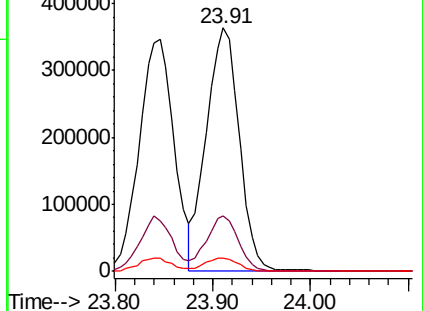
125 5.5 6.6 9.8#



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



#89

Benzo(a)pyrene

Concen: 46.581 ng

RT: 24.71 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

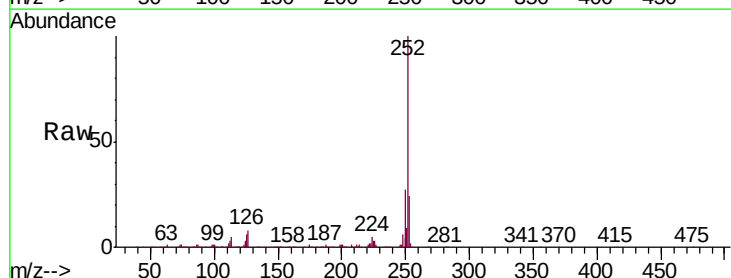
Tgt Ion:252 Resp: 833696

Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

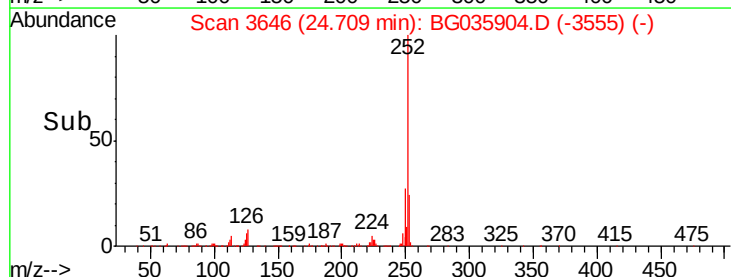
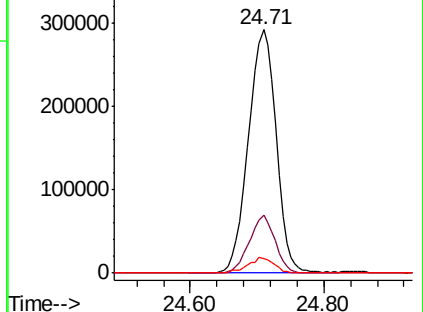
125 6.1 7.3 10.9#

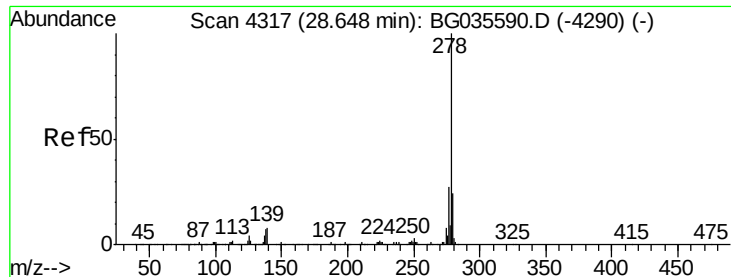


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.590 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.00 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-AMS

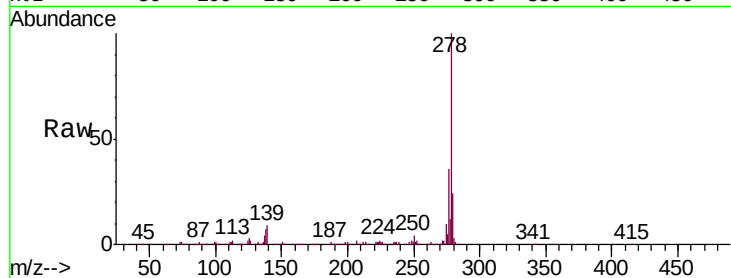
Tgt Ion:278 Resp: 801064

Ion Ratio Lower Upper

278 100

139 9.1 9.8 14.6#

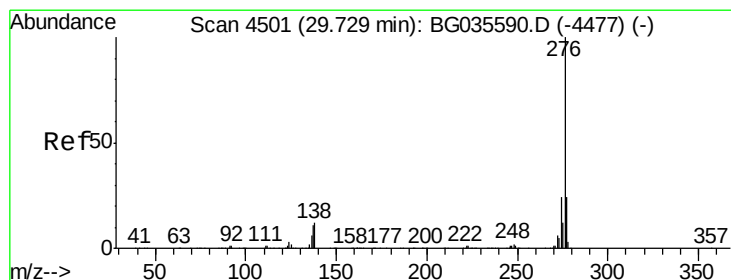
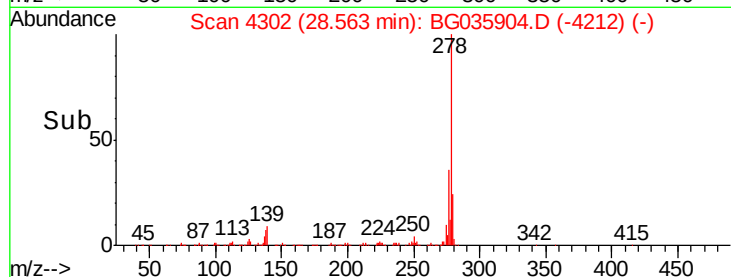
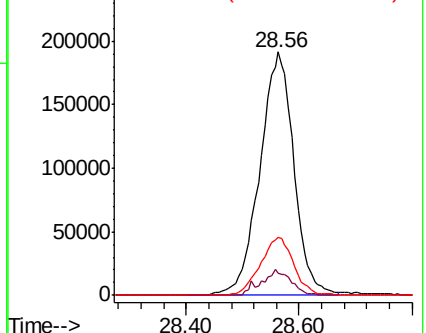
279 23.9 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.013 ng

RT: 29.65 min Scan# 4487

Delta R.T. 0.01 min

Lab File: BG035904.D

Acq: 26 Jul 2018 11:24

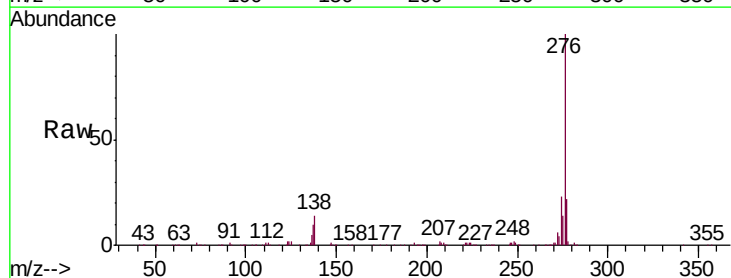
Tgt Ion:276 Resp: 808343

Ion Ratio Lower Upper

276 100

277 21.9 18.3 27.5

138 14.0 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

