

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013017\
 Data File : BG025712.D
 Acq On : 30 Jan 2017 19:52
 Operator : SJ/MA
 Sample : I1305-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0036

Quant Time: Jan 31 00:22:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62545	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	260687	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	212824	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	516418	20.00	ng	0.00
75) Chrysene-d12	21.84	240	699561	20.00	ng	0.00
86) Perylene-d12	25.22	264	680047	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	594568	170.37	ng	0.00
7) Phenol-d6	7.33	99	892623	175.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	647578	104.96	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	433286	142.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1402312	107.01	ng	0.00
78) Terphenyl-d14	20.13	244	2669728	92.11	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.87	42	423103	171.32	ng	# 93
6) Aniline	7.58	93	474061	66.01	ng	# 53
10) Phenol	7.58	94	19624	3.43	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	474061	104.66	ng	93
12) 1,3-Dichlorobenzene	8.05	146	135671	28.01	ng	99
13) 1,4-Dichlorobenzene	8.20	146	412140	83.68	ng	98
14) 1,2-Dichlorobenzene	8.53	146	728116	154.29	ng	95
15) Benzyl Alcohol	8.49	79	12548	2.85	ng	# 54
17) 2-Methylphenol	8.53	107	9019	2.30	ng	# 52
18) Hexachloroethane	9.25	117	251428	125.36	ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	778142	173.01	ng	97
24) Nitrobenzene	9.40	77	233270	34.63	ng	98
25) Isophorone	9.91	82	1685017	140.16	ng	98
26) 2-Nitrophenol	9.91	139	26422	11.07	ng	# 35
28) bis(2-Chloroethoxy)methane	10.38	93	339314	53.32	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	497789	100.31	ng	97
31) Naphthalene	11.05	128	1814987	134.12	ng	99
32) Benzoic acid	10.24	122	246	7.97	ng	# 17
33) 4-Chloroaniline	11.05	127	254854	45.31	ng	# 24
37) 2-Methylnaphthalene	12.64	142	975644	93.37	ng	93
40) Hexachlorocyclopentadiene	12.96	237	275859	97.49	ng	99
46) 2-Chloronaphthalene	13.68	162	1212896	104.32	ng	96
48) Acenaphthylene	14.53	152	1911475	98.83	ng	99
51) Acenaphthene	14.87	154	1773095	148.35	ng	98
53) 2,4-Dinitrophenol	14.89	184	145	9.50	ng	# 1
55) 4-Nitrophenol	14.87	139	17808	11.84	ng	# 24
56) 2,4-Dinitrotoluene	15.18	165	161355	30.38	ng	95
59) Diethylphthalate	15.59	149	1003772	59.08	ng	97
60) 4-Chlorophenyl-phenylether	15.82	204	659902	75.87	ng	99
62) Azobenzene	16.04	77	93440	5.40	ng	# 1
65) n-Nitrosodiphenylamine	16.05	169	666247	44.94	ng	99
66) 4-Bromophenyl-phenylether	16.72	248	512855	81.66	ng	91
70) Phenanthrene	17.69	178	3161308	112.65	ng	94
71) Anthracene	17.69	178	3161308	109.24	ng	# 91

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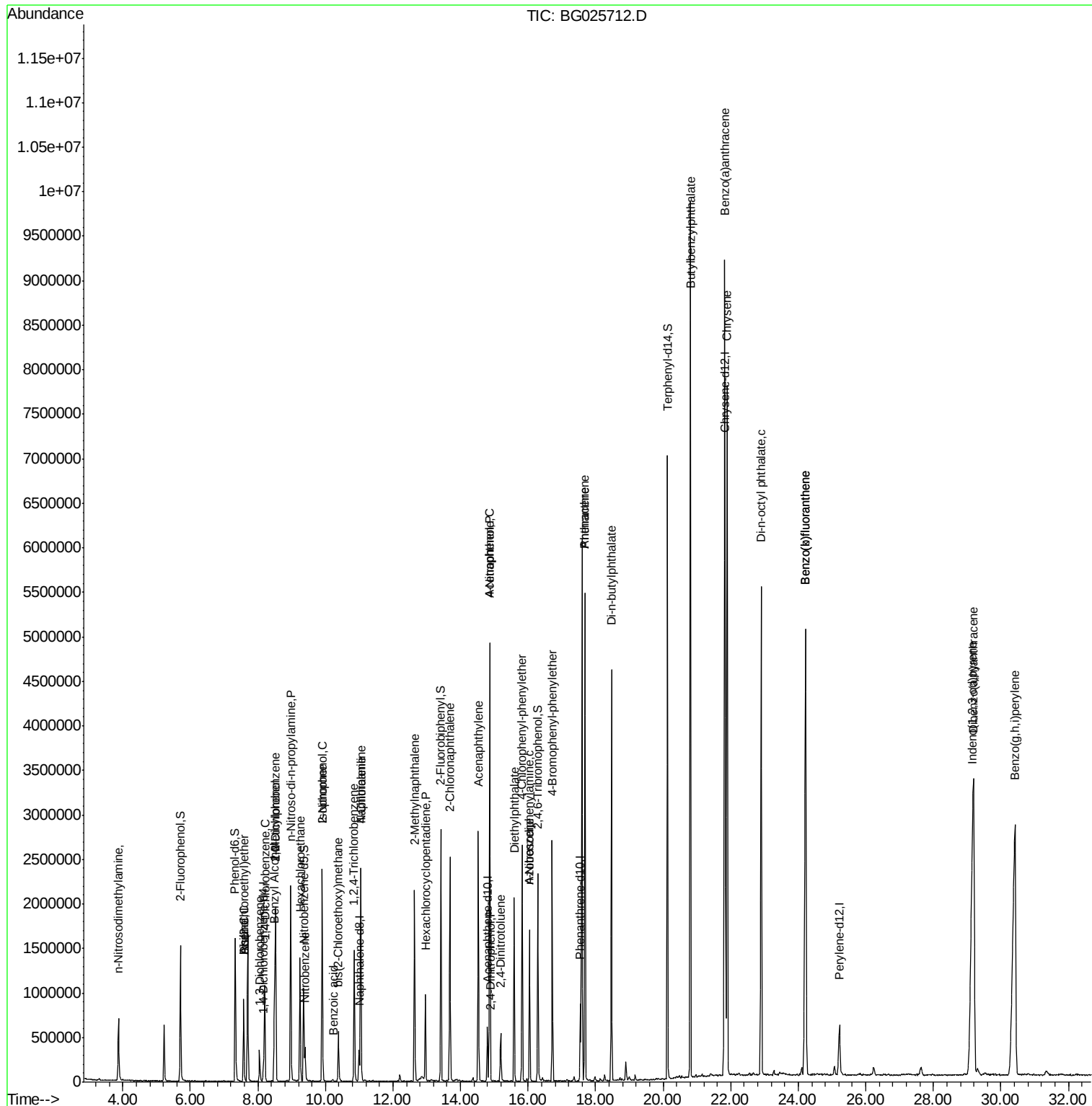
Quant Time: Jan 31 00:22:47 2017
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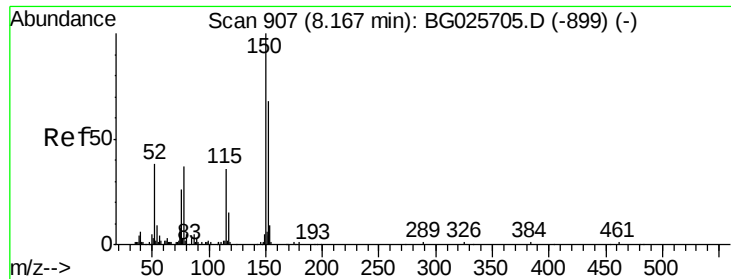
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.47	149	2827584	87.20	ng	96
79) Butylbenzylphthalate	20.81	149	2485623	153.63	ng #	88
80) Benzo(a)anthracene	21.82	228	5457695	131.73	ng #	70
82) Chrysene	21.89	228	4361404	111.37	ng #	80
84) Di-n-octyl phthalate	22.90	149	3971807	108.51	ng	97
85) Indeno(1,2,3-cd)pyrene	29.16	276	5925296	124.12	ng #	97
87) Benzo(b)fluoranthene	24.22	252	5218324	132.76	ng	92
88) Benzo(k)fluoranthene	24.22	252	5218324	135.64	ng #	95
90) Dibenzo(a,h)anthracene	29.20	278	3524749	91.17	ng	95
91) Benzo(g,h,i)perylene	30.42	276	7163044	186.44	ng #	92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

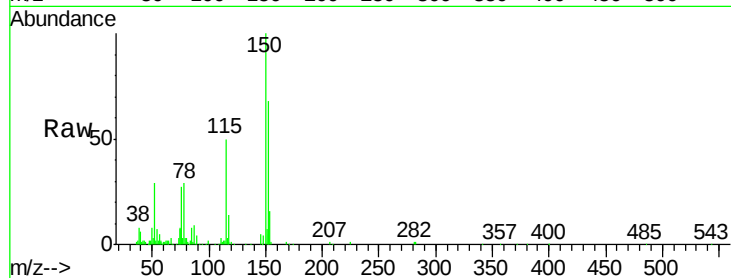
Tgt Ion:152 Resp: 62545

Ion Ratio Lower Upper

152 100

150 146.5 114.0 171.0

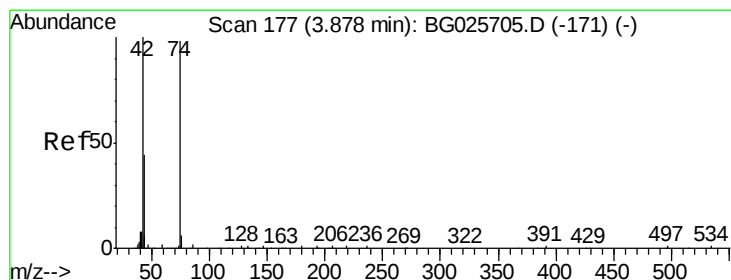
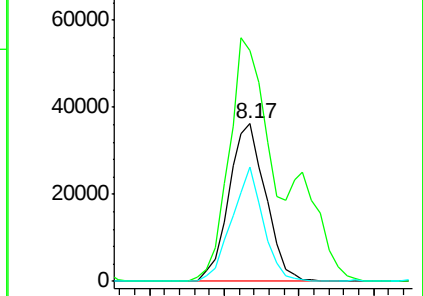
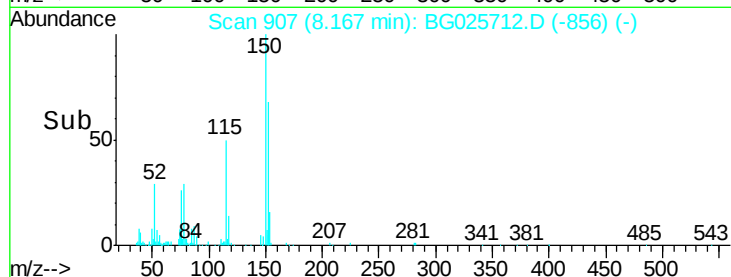
115 72.8 48.1 72.1#



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



#4

n-Nitrosodimethylamine

Concen: 171.32 ng

RT: 3.87 min Scan# 176

Delta R.T. -0.01 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

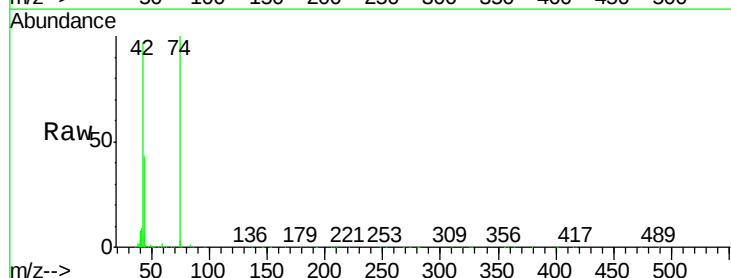
Tgt Ion: 42 Resp: 423103

Ion Ratio Lower Upper

42 100

74 103.0 76.7 115.1

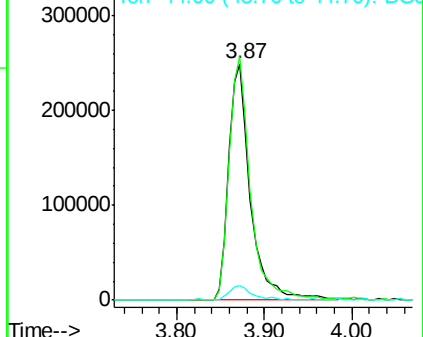
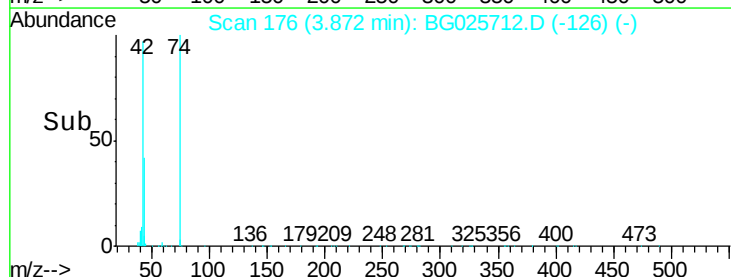
44 5.9 6.1 9.1#

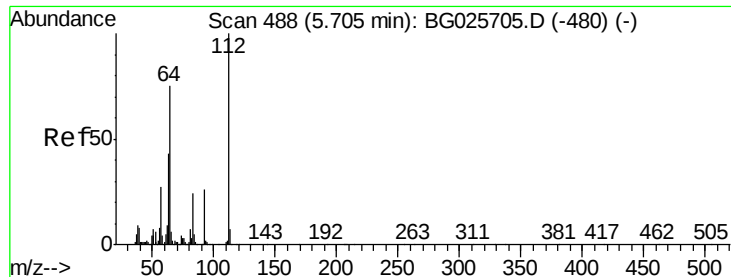


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 170.37 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

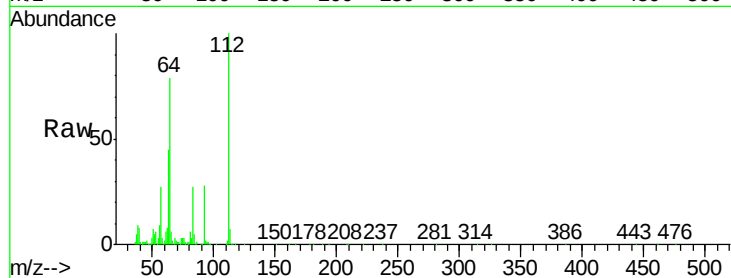
Tgt Ion: 112 Resp: 594568

Ion Ratio Lower Upper

112 100

64 78.6 61.8 92.6

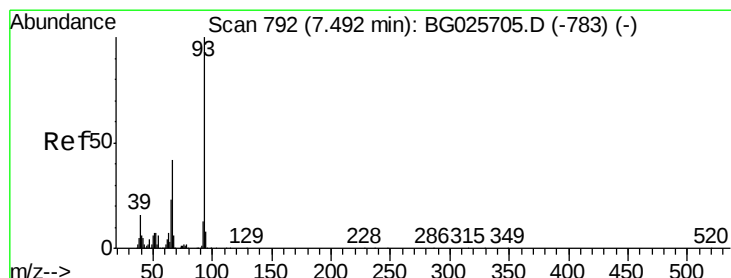
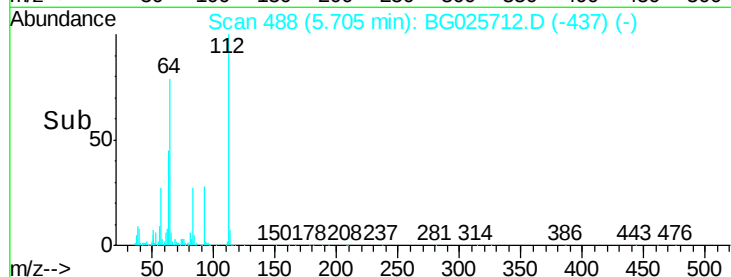
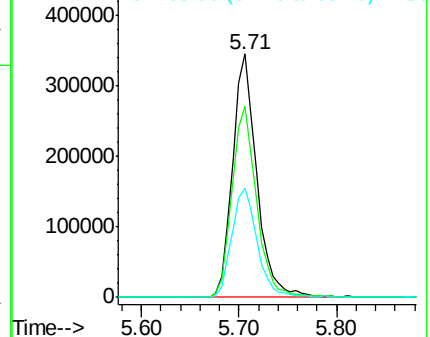
63 44.7 37.2 55.8



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: 66.01 ng

RT: 7.58 min Scan# 807

Delta R.T. 0.09 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

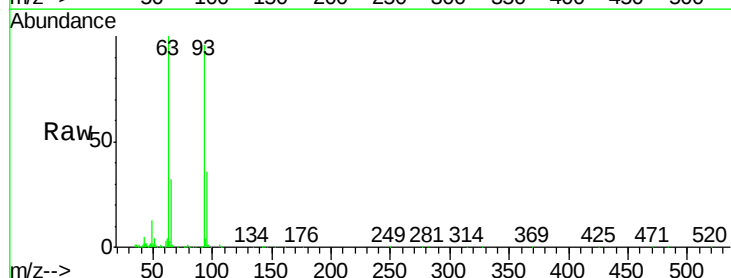
Tgt Ion: 93 Resp: 474061

Ion Ratio Lower Upper

93 100

66 0.5 35.4 53.2#

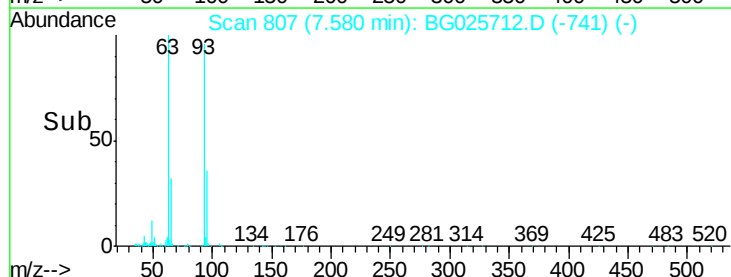
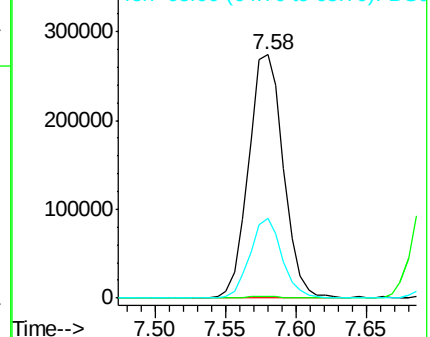
65 33.0 21.2 31.8#

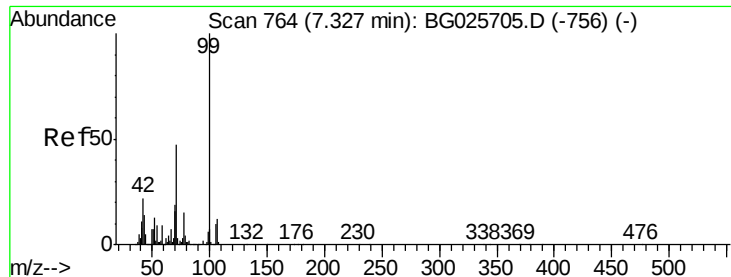


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 175.13 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

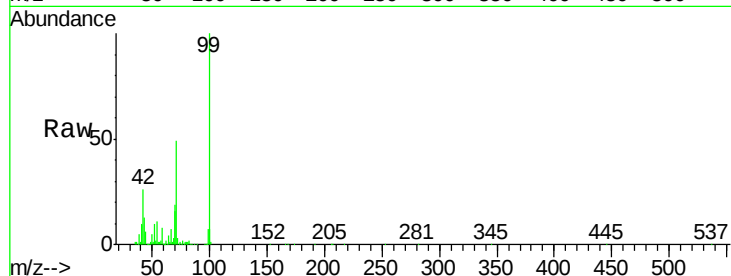
Tgt Ion: 99 Resp: 892623

Ion Ratio Lower Upper

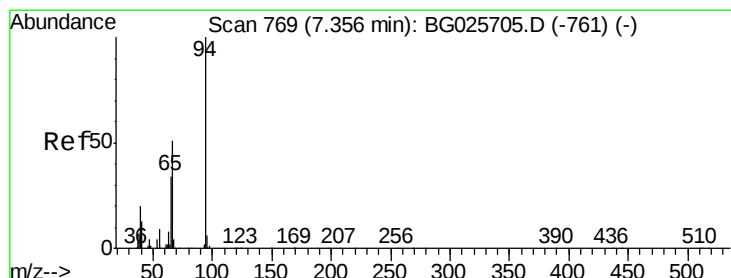
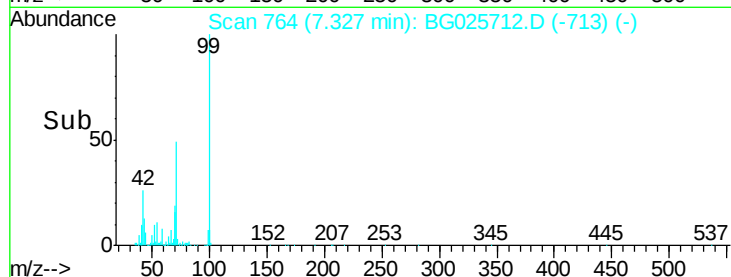
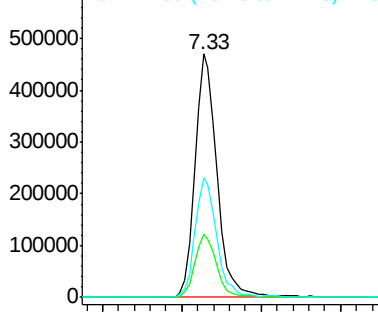
99 100

42 26.1 20.5 30.7

71 48.8 37.6 56.4



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



#10

Phenol

Concen: 3.43 ng

RT: 7.58 min Scan# 807

Delta R.T. 0.22 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

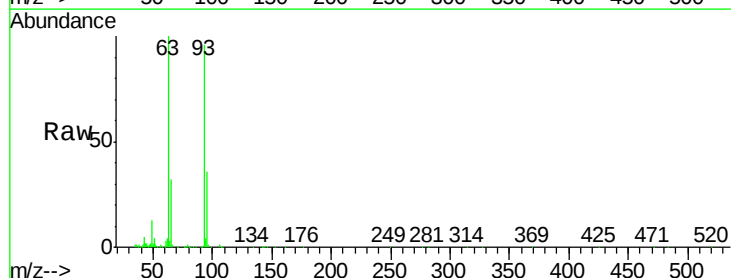
Tgt Ion: 94 Resp: 19624

Ion Ratio Lower Upper

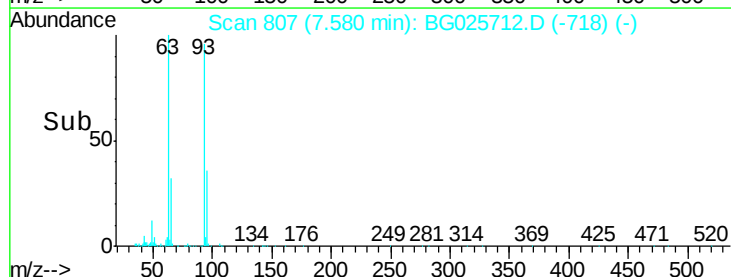
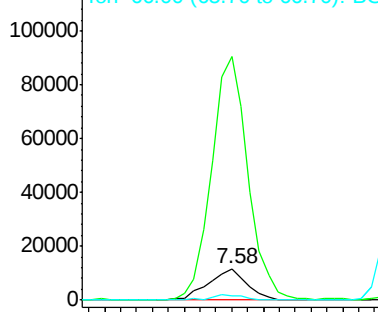
94 100

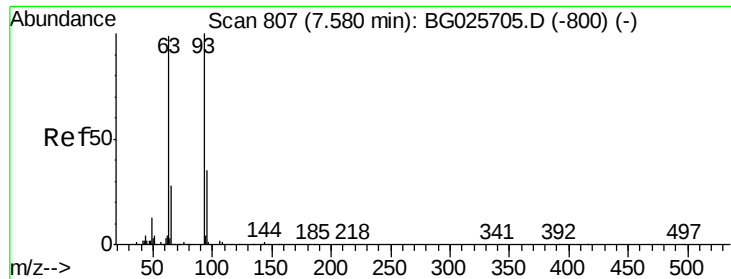
65 768.2 20.6 60.6#

66 12.2 35.5 75.5#



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

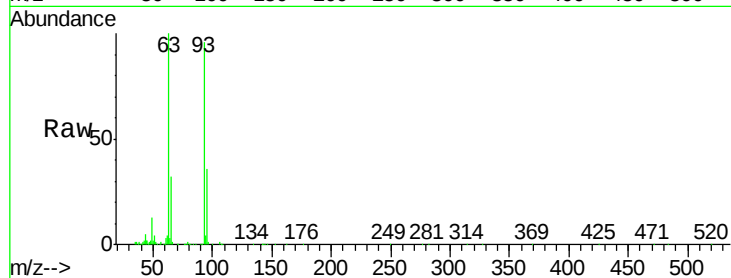




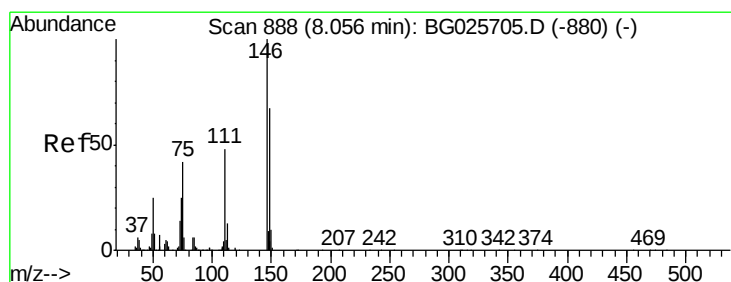
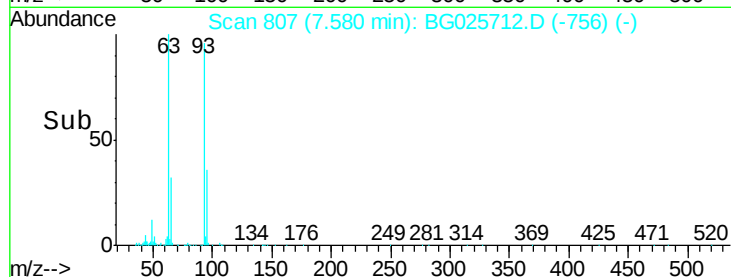
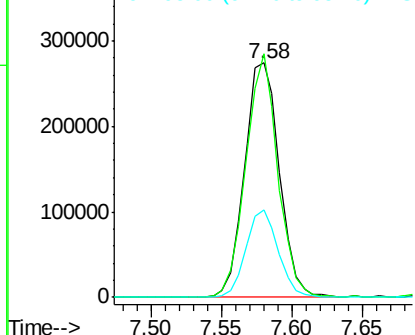
#11
bis(2-Chloroethyl)ether
Concen: 104.66 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Instrument :
BNA_G
ClientSampleId :
0036

Tgt Ion: 93 Resp: 474061
Ion Ratio Lower Upper
93 100
63 103.9 78.5 118.5
95 37.3 9.8 49.8

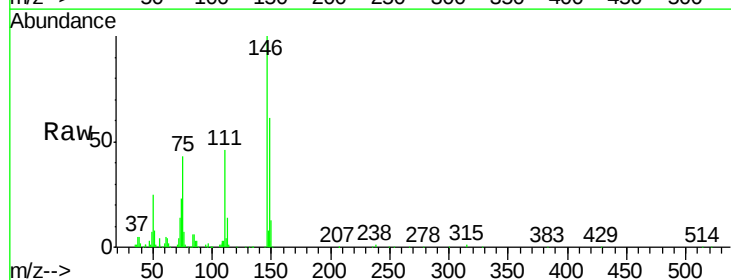


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

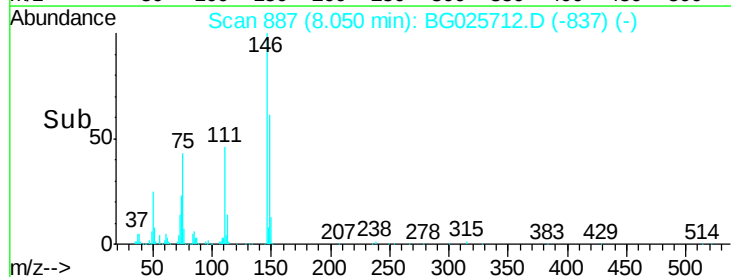
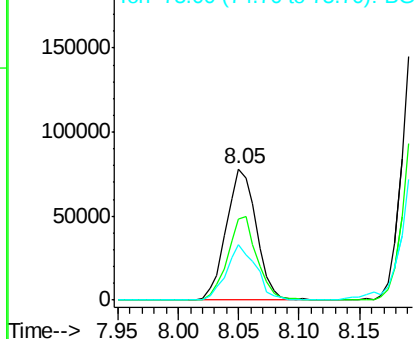


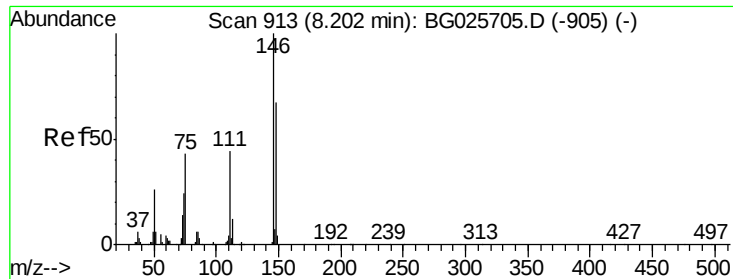
#12
1,3-Dichlorobenzene
Concen: 28.01 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion: 146 Resp: 135671
Ion Ratio Lower Upper
146 100
148 61.4 49.2 73.8
75 42.6 33.4 50.2



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





#13

1,4-Dichlorobenzene

Concen: 83.68 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

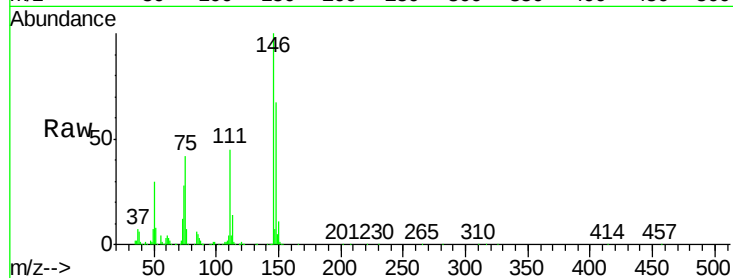
Tgt Ion:146 Resp: 412140

Ion Ratio Lower Upper

146 100

148 67.3 52.2 78.2

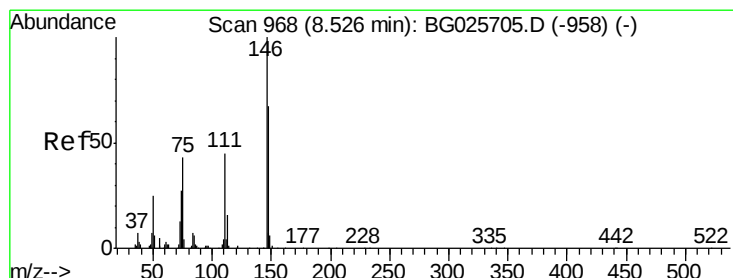
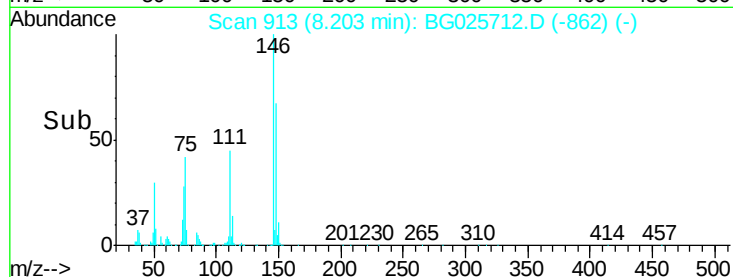
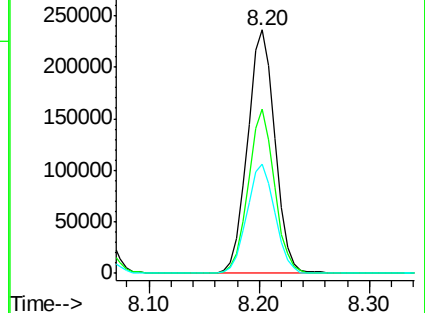
111 45.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 154.29 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

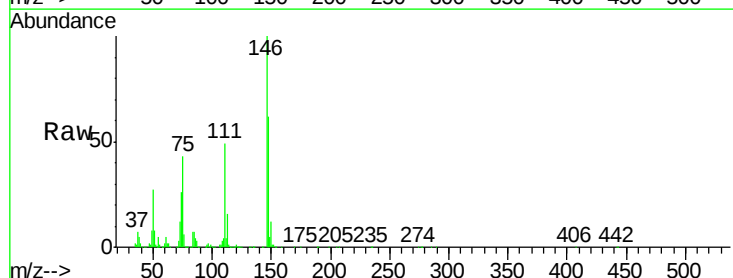
Tgt Ion:146 Resp: 728116

Ion Ratio Lower Upper

146 100

148 61.6 54.6 81.8

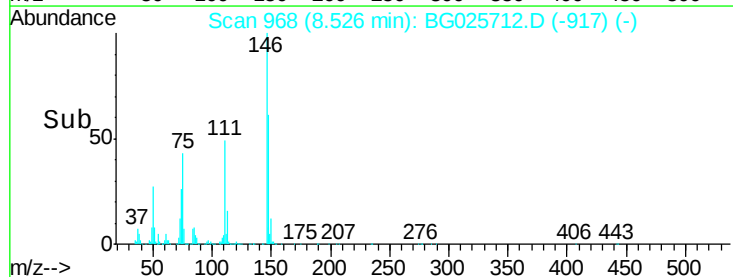
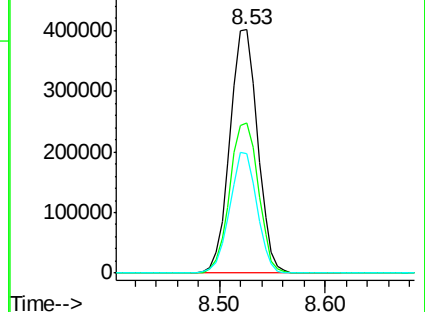
111 49.1 39.7 59.5

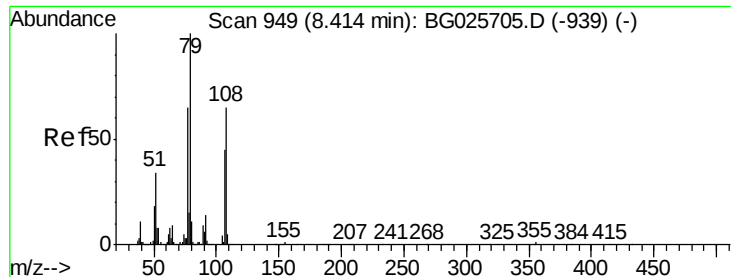


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.85 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

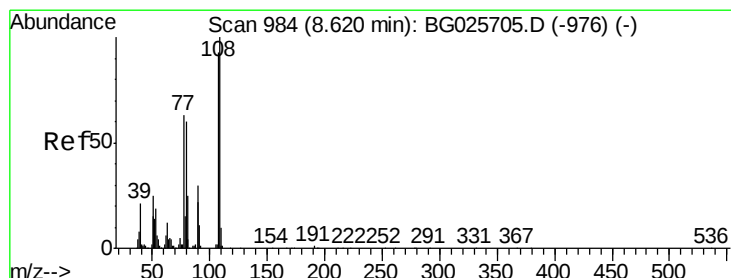
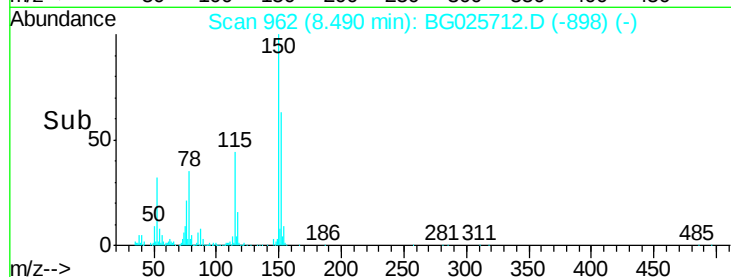
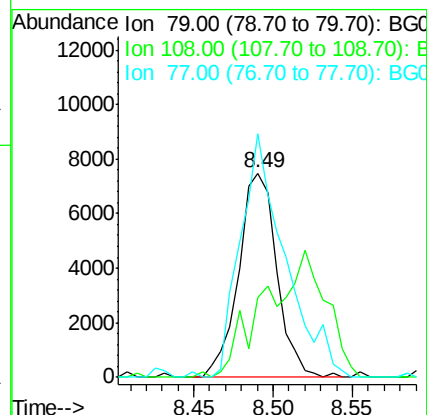
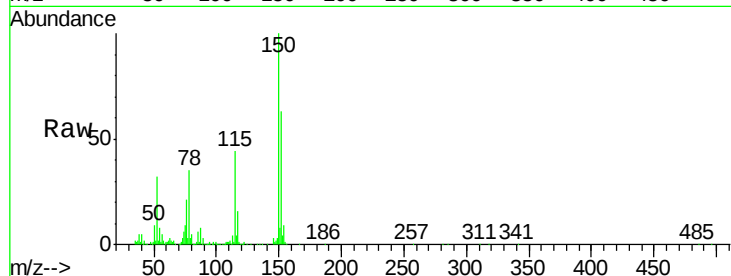
Tgt Ion: 79 Resp: 12548

Ion Ratio Lower Upper

79 100

108 39.1 45.5 68.3#

77 119.3 54.3 81.5#



#17

2-Methylphenol

Concen: 2.30 ng

RT: 8.53 min Scan# 968

Delta R.T. -0.09 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Tgt Ion: 107 Resp: 9019

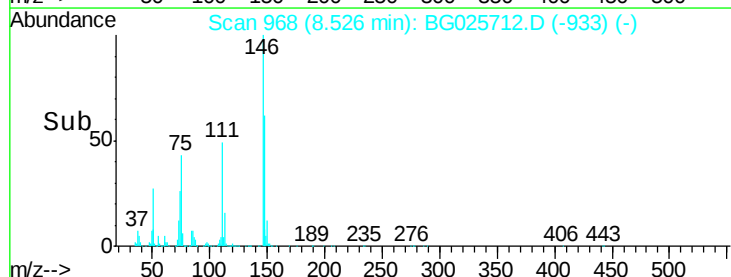
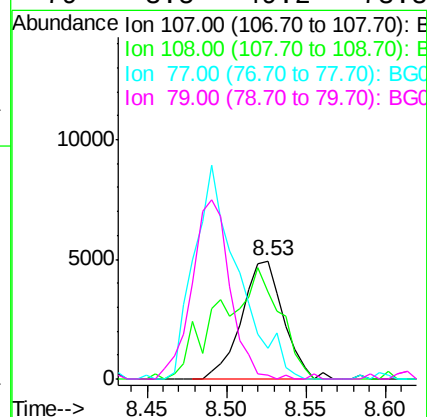
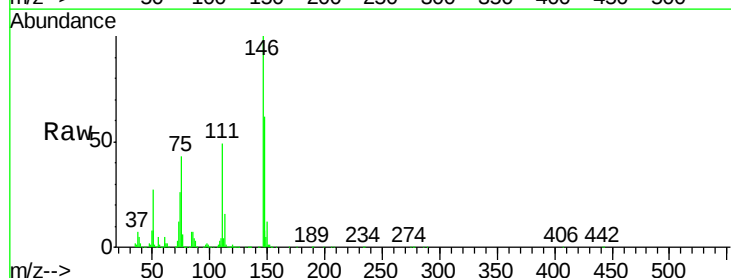
Ion Ratio Lower Upper

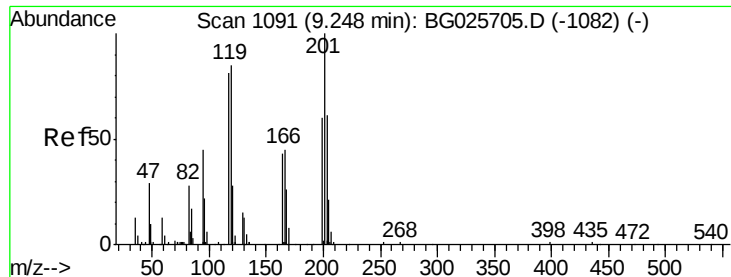
107 100

108 73.5 85.6 128.4#

77 25.5 51.4 77.2#

79 3.5 49.2 73.8#

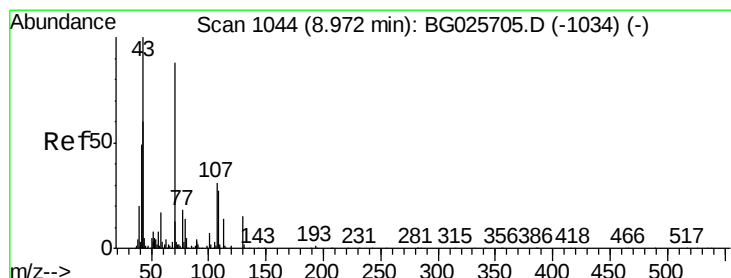
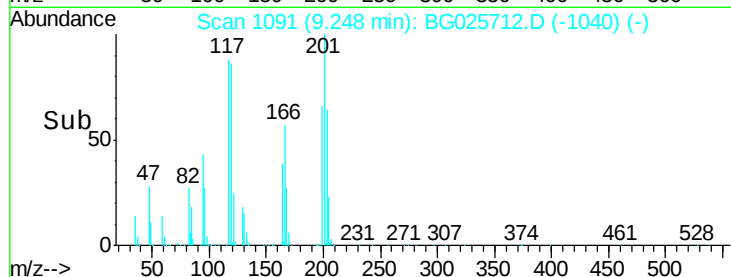
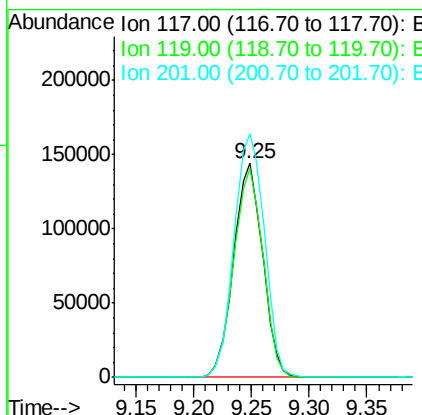
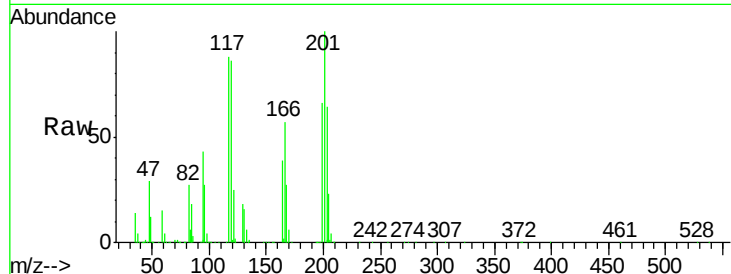




#18
Hexachloroethane
Concen: 125.36 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

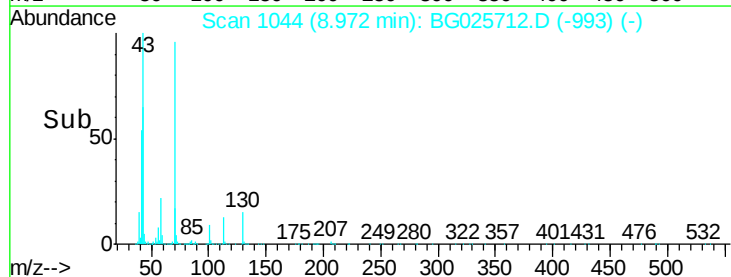
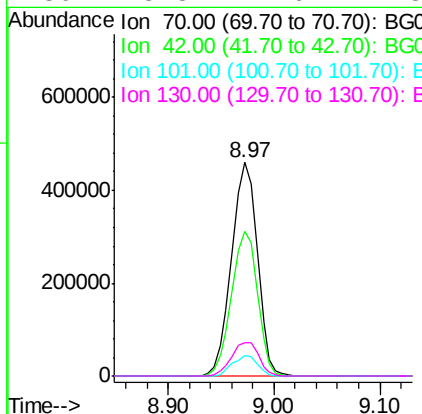
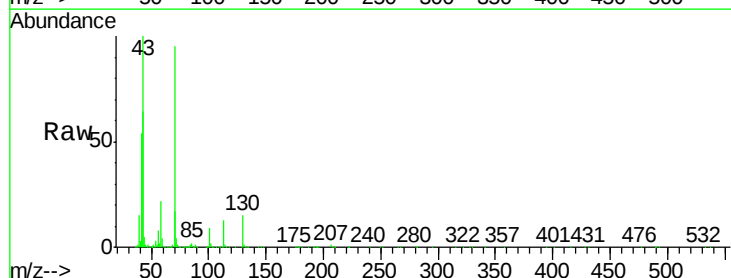
Instrument :
BNA_G
ClientSampleId :
0036

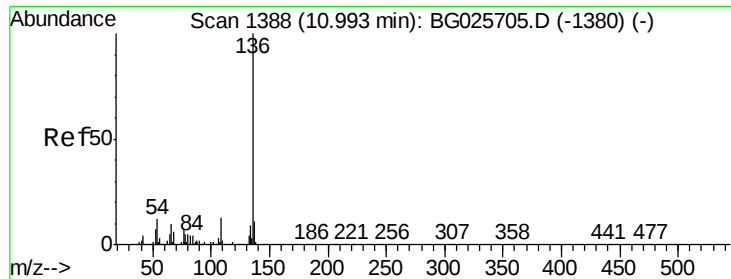
Tgt Ion: 117 Resp: 251428
Ion Ratio Lower Upper
117 100
119 97.4 69.8 104.6
201 113.7 95.4 143.0



#19
n-Nitroso-di-n-propylamine
Concen: 173.01 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion: 70 Resp: 778142
Ion Ratio Lower Upper
70 100
42 67.6 56.1 84.1
101 9.8 7.5 11.3
130 15.8 14.6 21.8

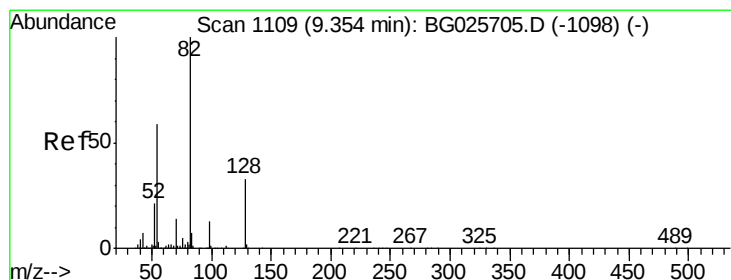
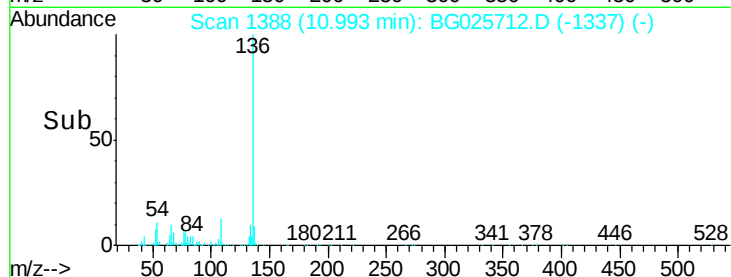
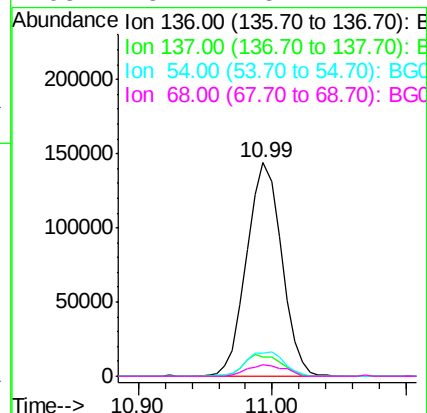
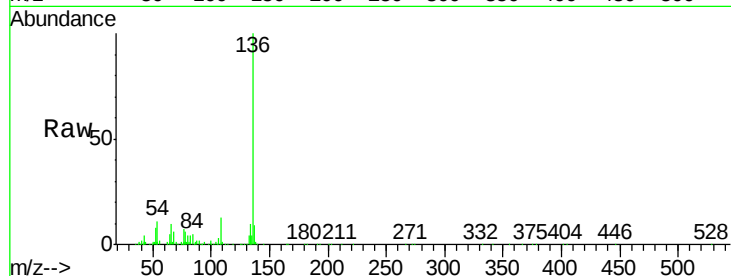




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

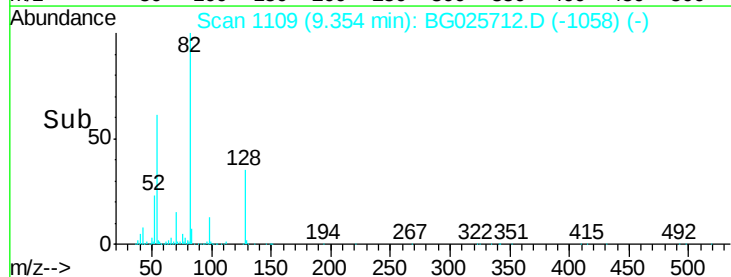
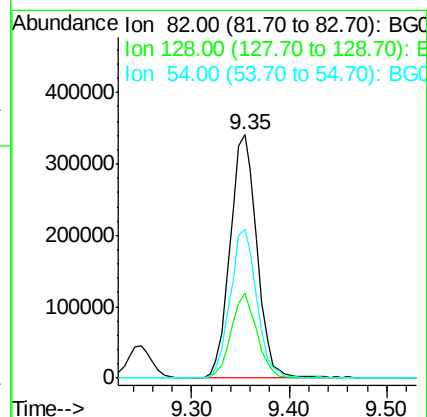
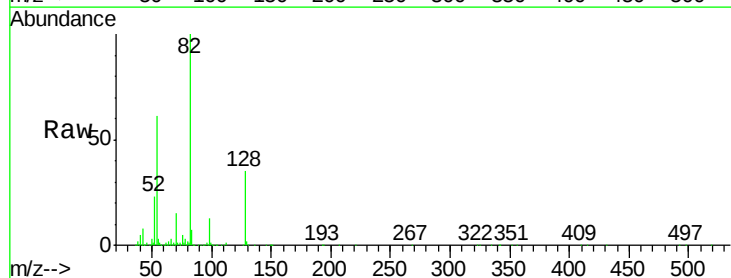
Instrument :
BNA_G
ClientSampleId :
0036

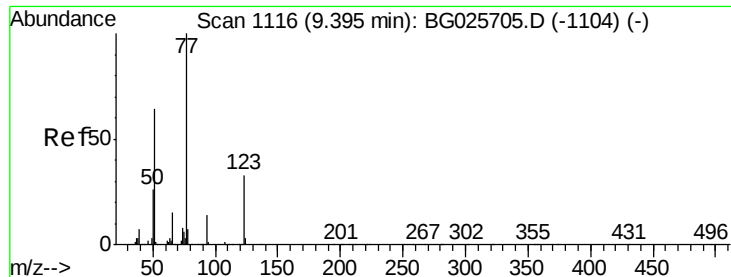
Tgt Ion:	136	Resp:	260687
Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	11.0	9.3	13.9
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 104.96 ng
RT: 9.35 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:	82	Resp:	647578
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	61.0	49.4	74.2

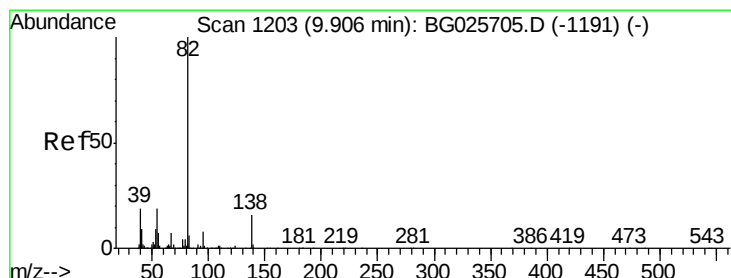
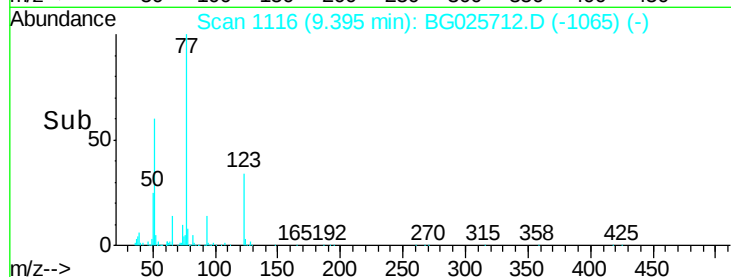
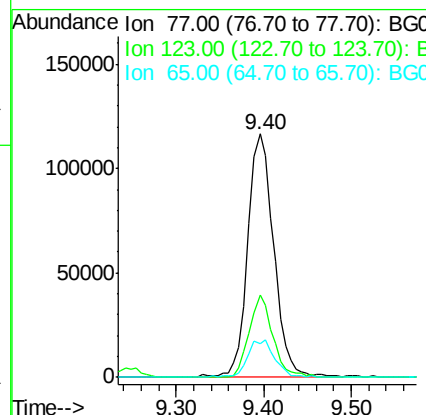
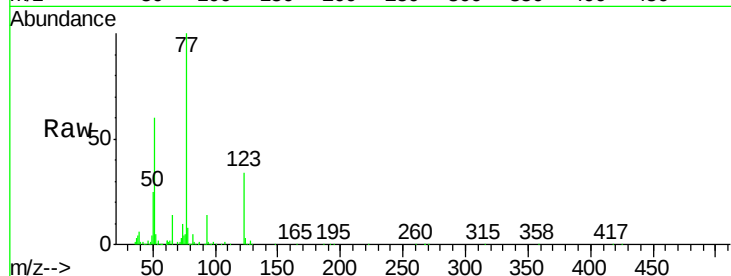




#24
 Nitrobenzene
 Concen: 34.63 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

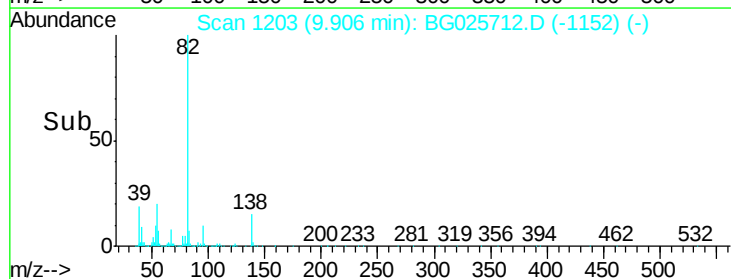
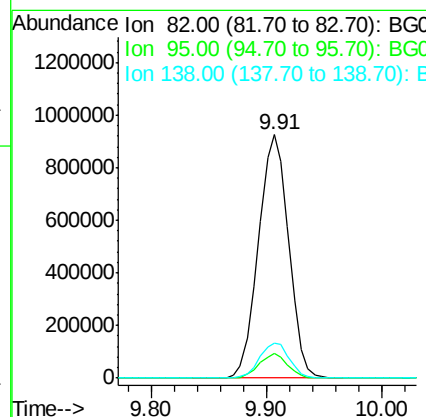
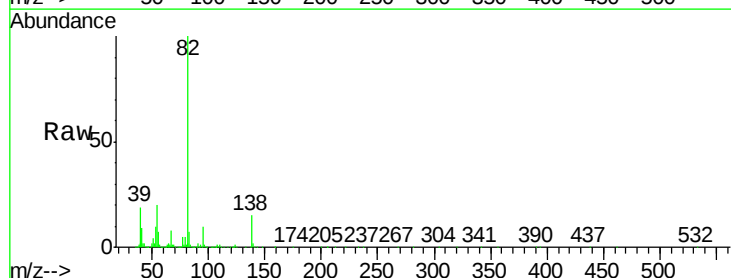
Instrument :
 BNA_G
 ClientSampleId :
 0036

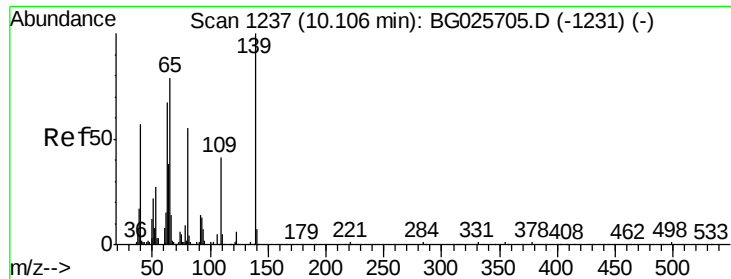
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.6	26.1	39.1
65	14.0	12.4	18.6



#25
 Isophorone
 Concen: 140.16 ng
 RT: 9.91 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	7.5	11.3
138	14.6	12.3	18.5

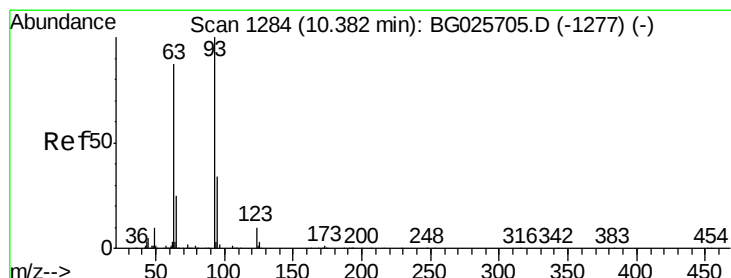
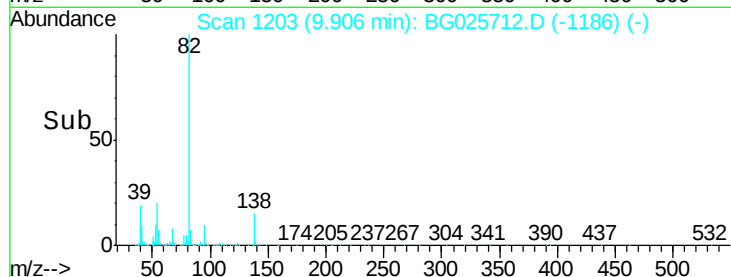
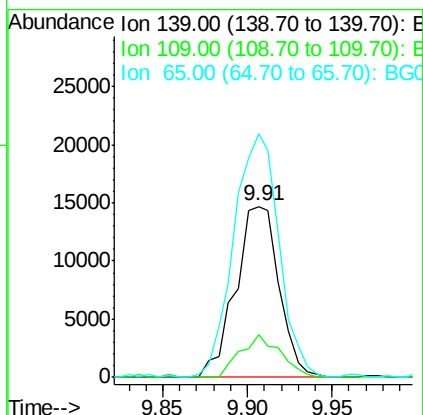
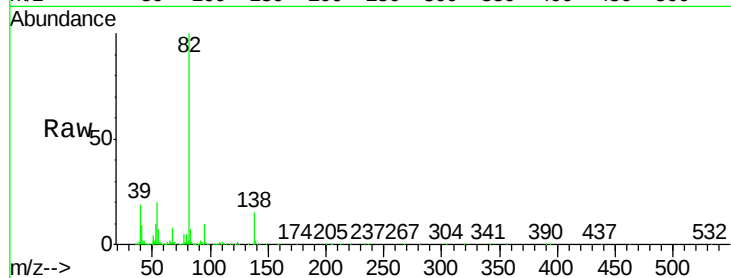




#26
2-Nitrophenol
Concen: 11.07 ng
RT: 9.91 min Scan# 1203
Delta R.T. -0.20 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

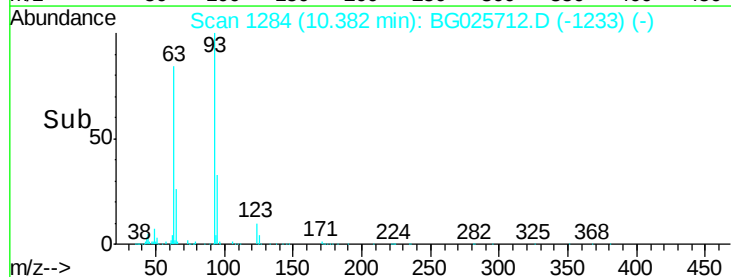
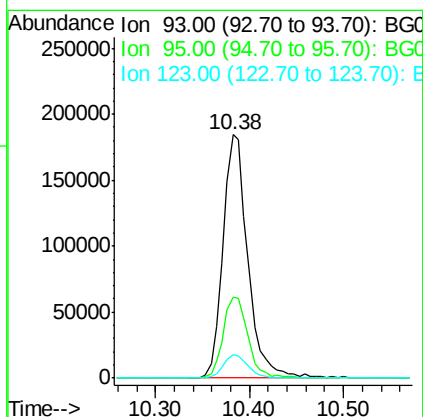
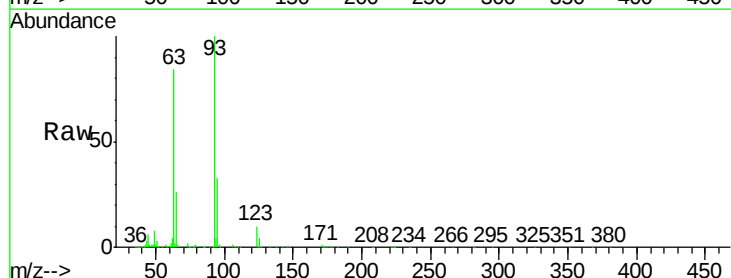
Instrument :
BNA_G
ClientSampled :
0036

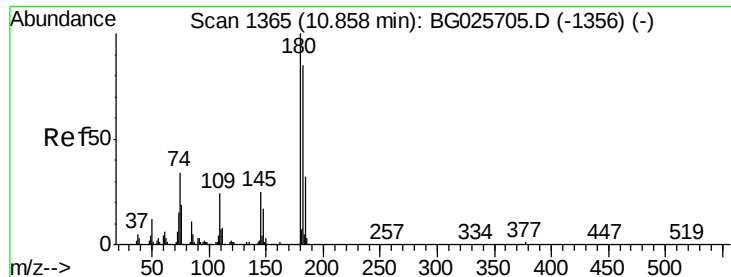
Tgt Ion:139 Resp: 26422
Ion Ratio Lower Upper
139 100
109 24.6 38.6 58.0#
65 142.2 57.1 85.7#



#28
bis(2-Chloroethoxy)methane
Concen: 53.32 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion: 93 Resp: 339314
Ion Ratio Lower Upper
93 100
95 33.4 25.7 38.5
123 9.9 8.3 12.5

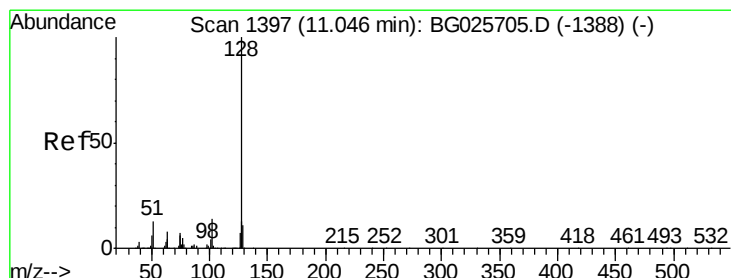
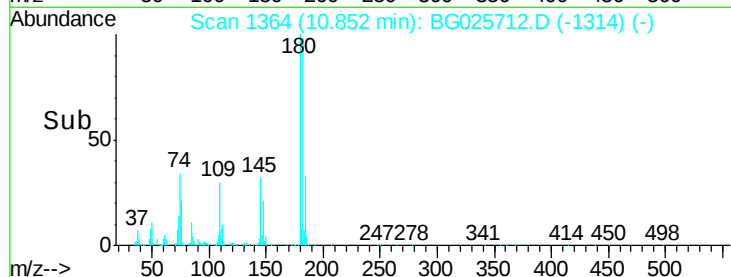
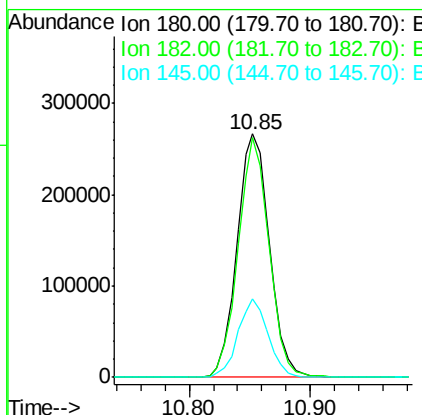
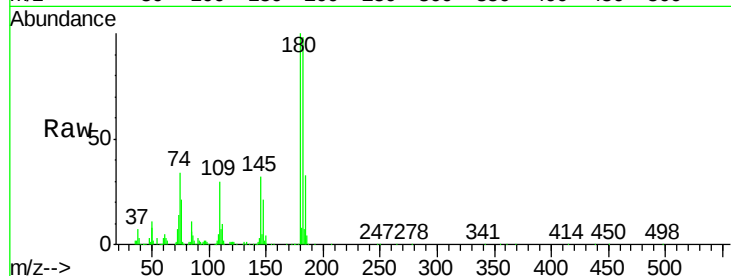




#30
1,2,4-Trichlorobenzene
Concen: 100.31 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

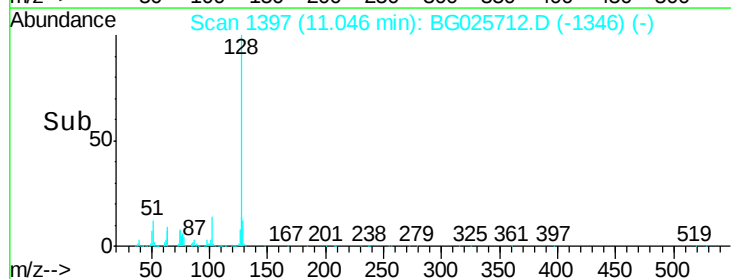
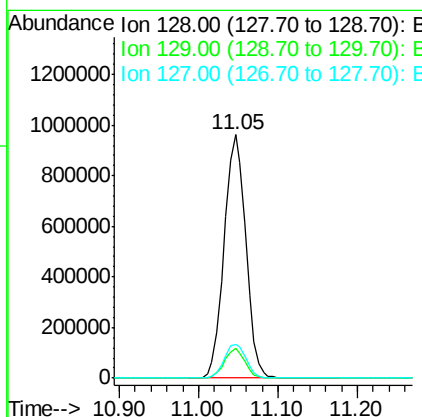
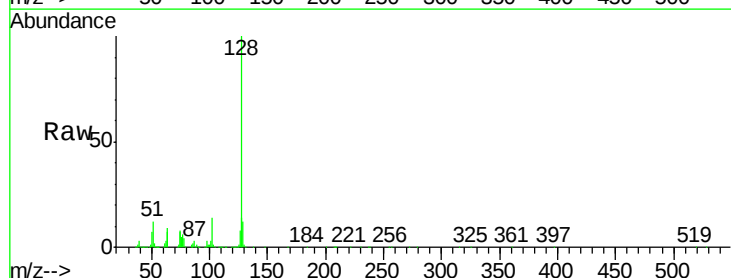
Instrument :
BNA_G
ClientSampleId :
0036

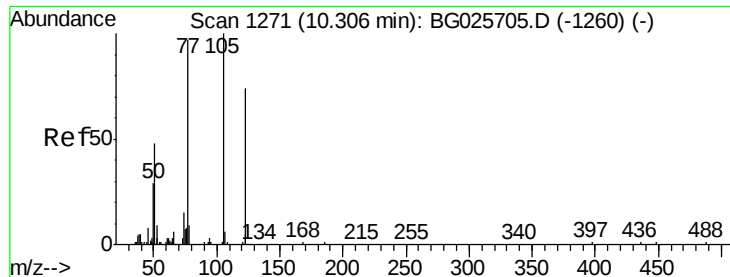
Tgt Ion:180 Resp: 497789
Ion Ratio Lower Upper
180 100
182 98.3 77.0 115.4
145 32.2 23.4 35.0



#31
Naphthalene
Concen: 134.12 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:128 Resp: 1814987
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.9 11.4 17.0





#32

Benzoic acid

Concen: 7.97 ng

RT: 10.24 min Scan# 1259

Delta R.T. -0.07 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

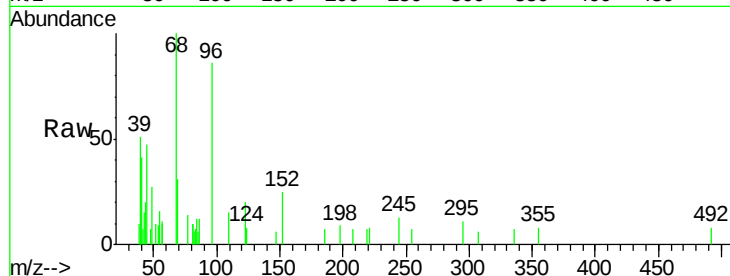
Tgt Ion:122 Resp: 246

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

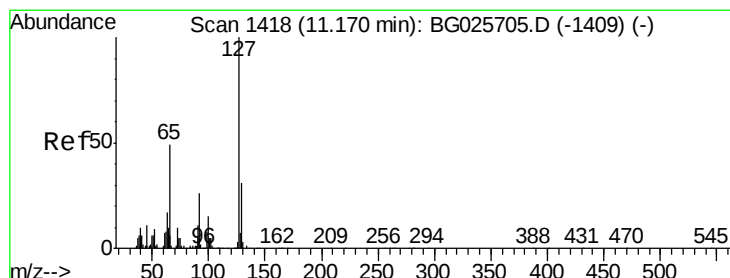
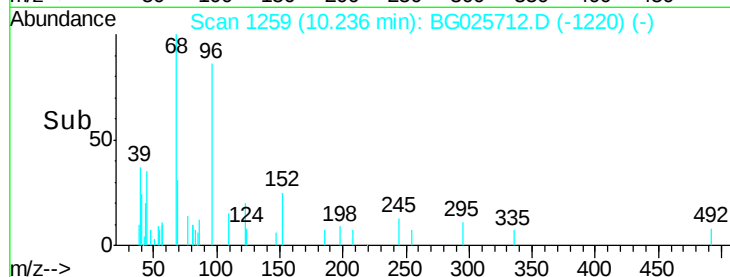
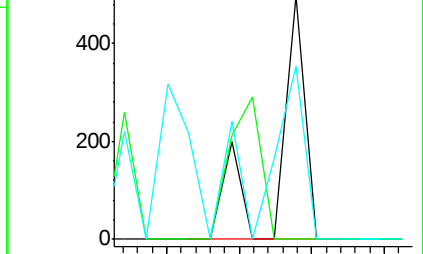
77 71.1 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 45.31 ng

RT: 11.05 min Scan# 1397

Delta R.T. -0.12 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Tgt Ion:127 Resp: 254854

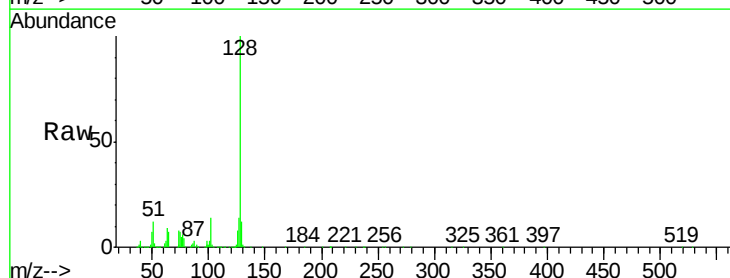
Ion Ratio Lower Upper

127 100

129 87.1 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#

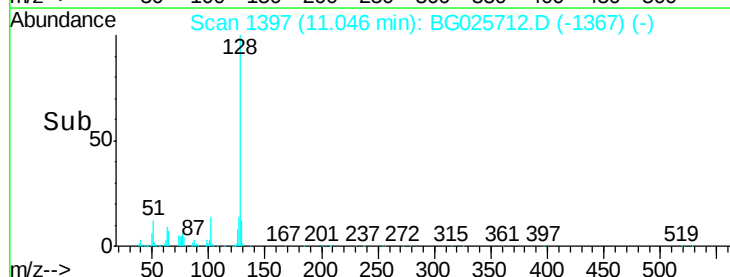
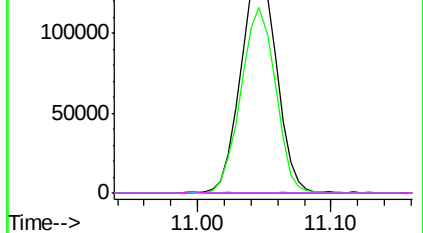


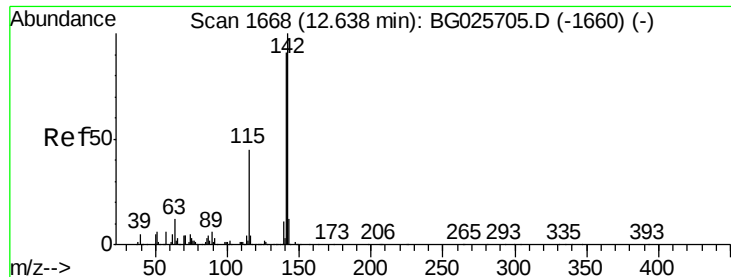
Abundance Ion 127.00 (126.70 to 127.70): E

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

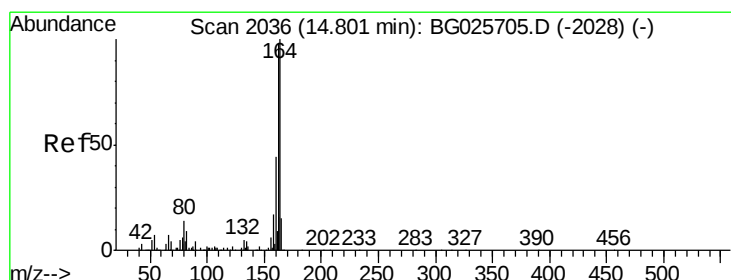
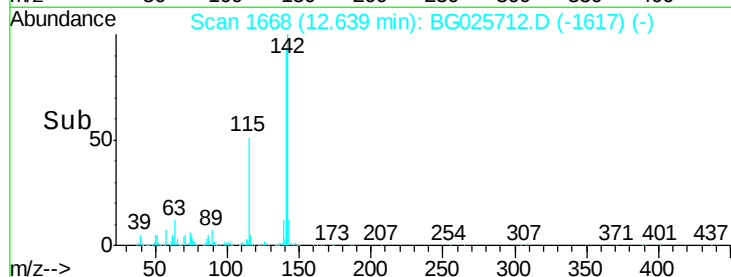
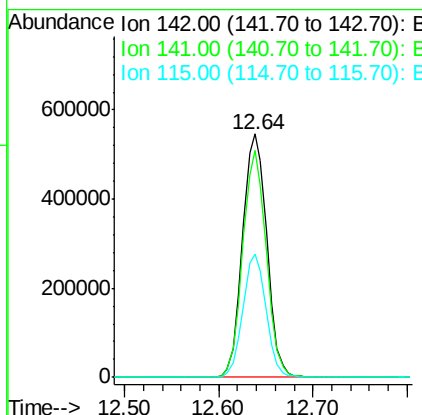
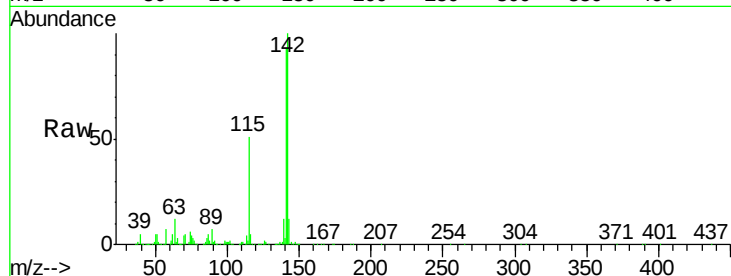




#37
 2-Methylnaphthalene
 Concen: 93.37 ng
 RT: 12.64 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

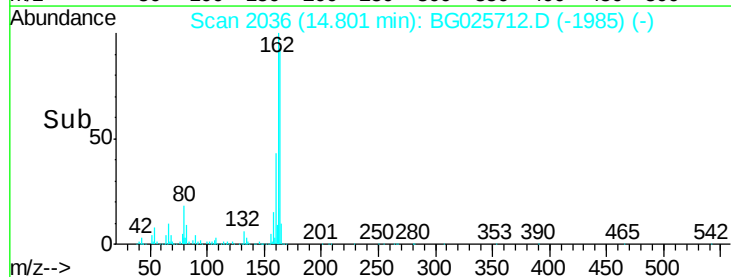
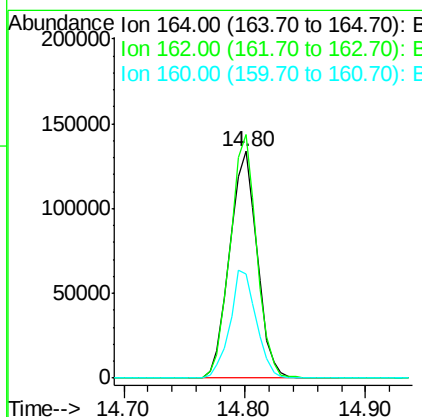
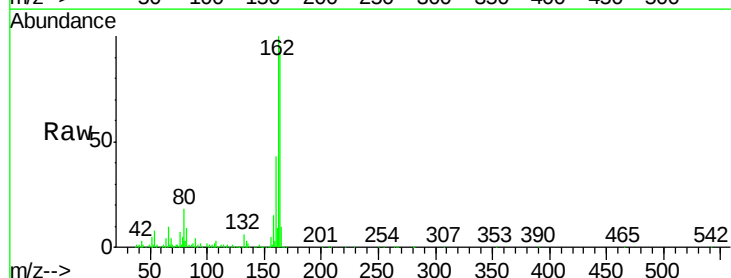
Instrument :
 BNA_G
 ClientSampleId :
 0036

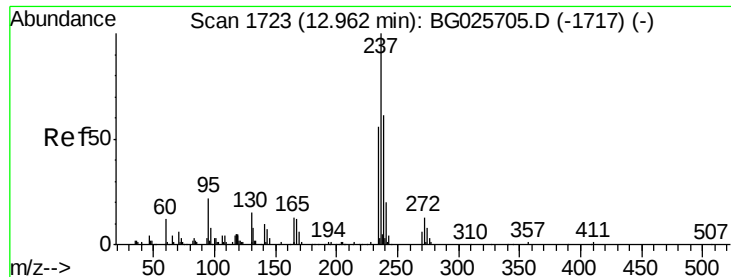
Tgt Ion:142 Resp: 975644
 Ion Ratio Lower Upper
 142 100
 141 93.1 70.4 105.6
 115 50.7 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

Tgt Ion:164 Resp: 212824
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 46.0 34.7 52.1

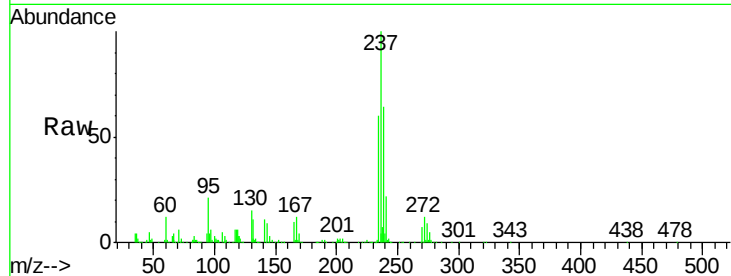




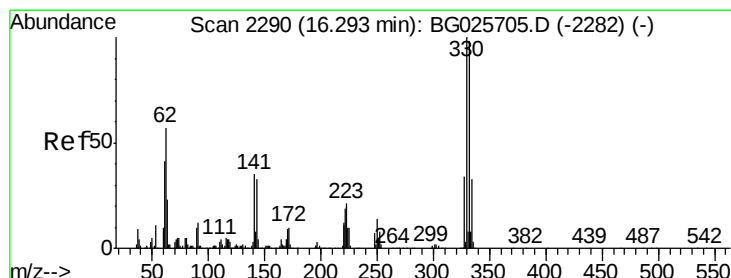
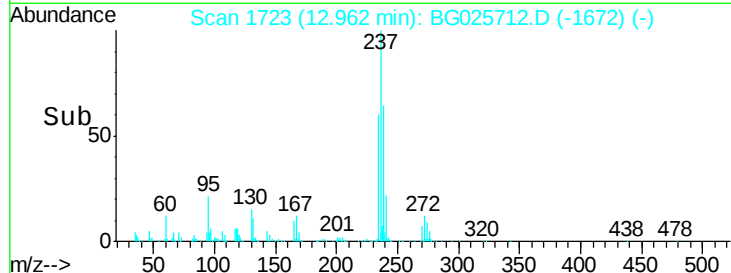
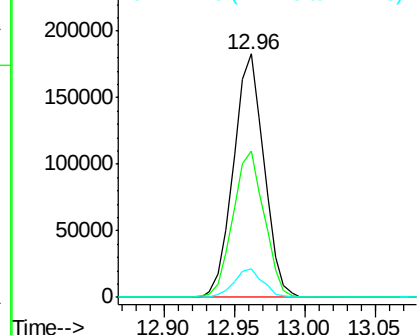
#40
Hexachlorocyclopentadiene
Concen: 97.49 ng
RT: 12.96 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Instrument :
BNA_G
ClientSampleId :
0036

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.9	39.4	79.4
272	11.6	0.0	32.0

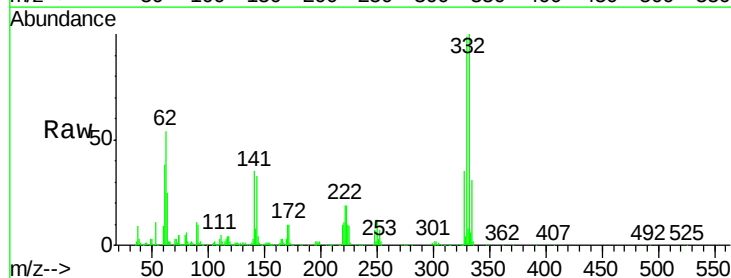


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

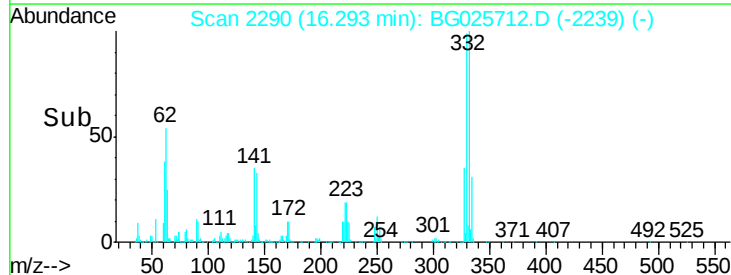
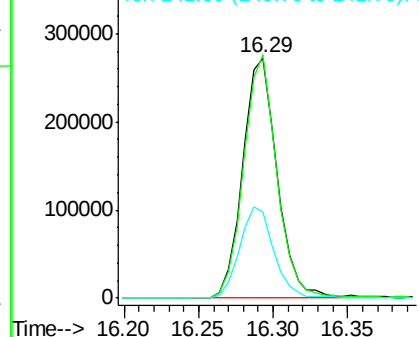


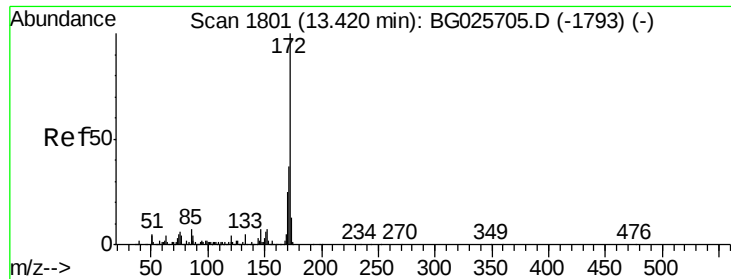
#41
2,4,6-Tribromophenol
Concen: 142.76 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	38.3	32.1	48.1



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





#44

2-Fluorobiphenyl

Concen: 107.01 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

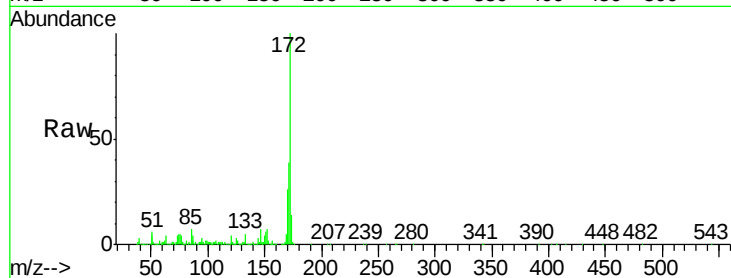
Tgt Ion:172 Resp: 1402312

Ion Ratio Lower Upper

172 100

171 38.9 32.2 48.2

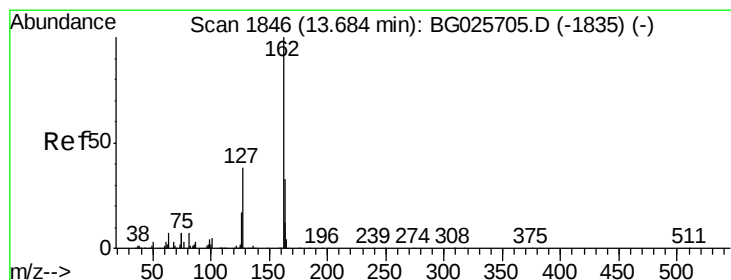
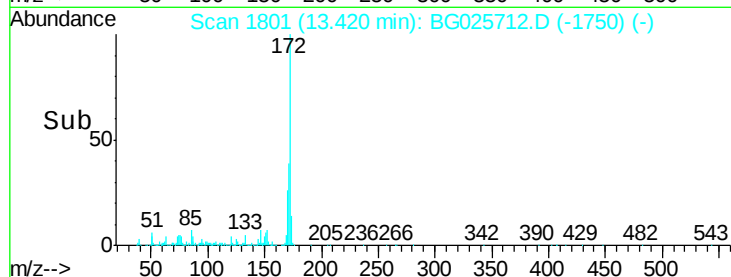
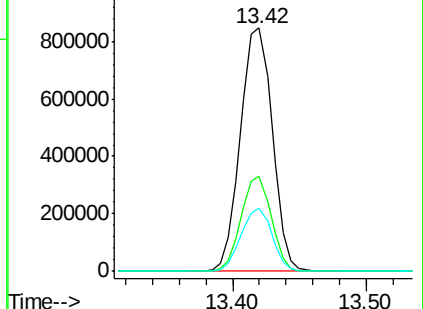
170 25.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

2-Chloronaphthalene

Concen: 104.32 ng

RT: 13.68 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

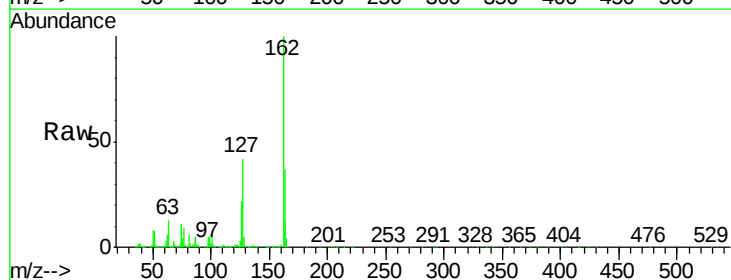
Tgt Ion:162 Resp: 1212896

Ion Ratio Lower Upper

162 100

127 42.4 32.2 48.4

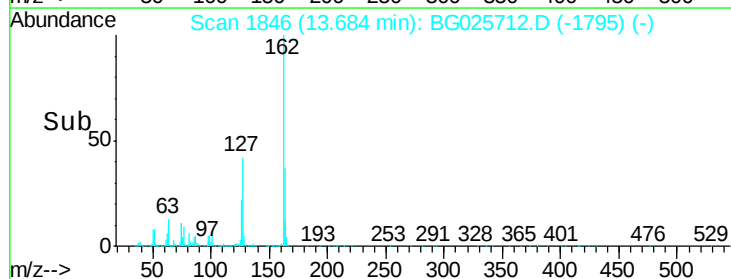
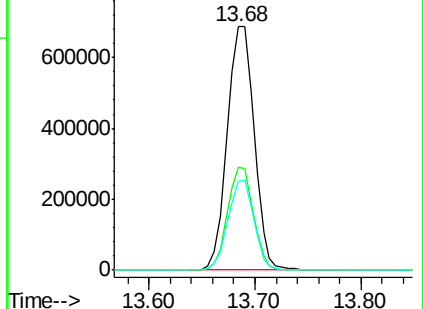
164 36.7 27.3 40.9

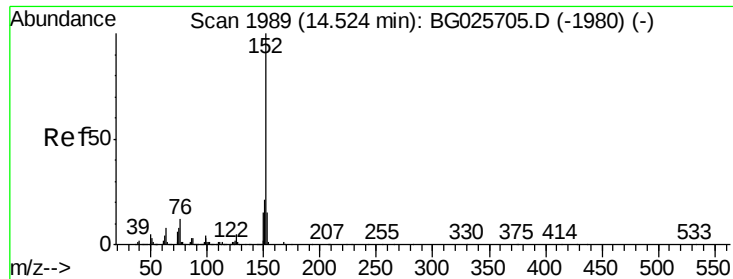


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 98.83 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

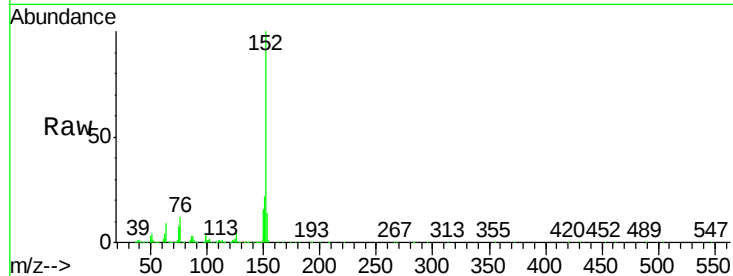
Tgt Ion:152 Resp: 1911475

Ion Ratio Lower Upper

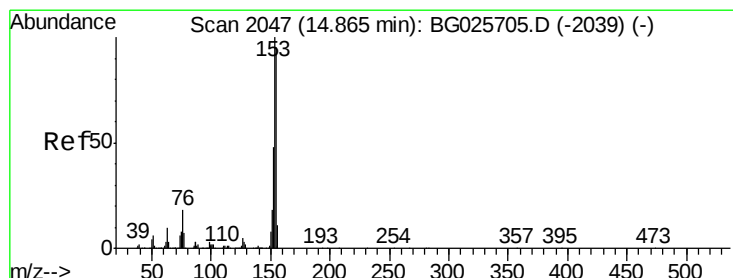
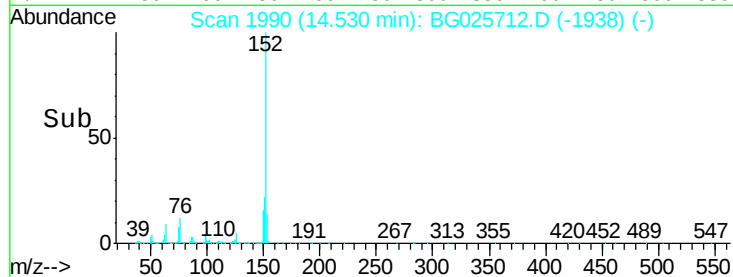
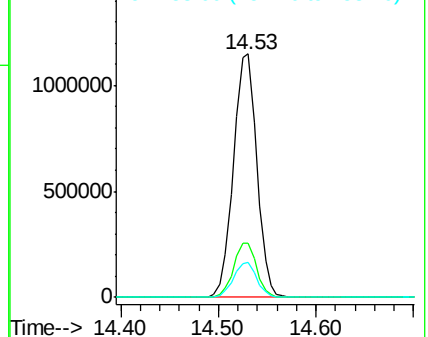
152 100

151 22.1 18.2 27.2

153 14.4 11.3 16.9



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



#51

Acenaphthene

Concen: 148.35 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

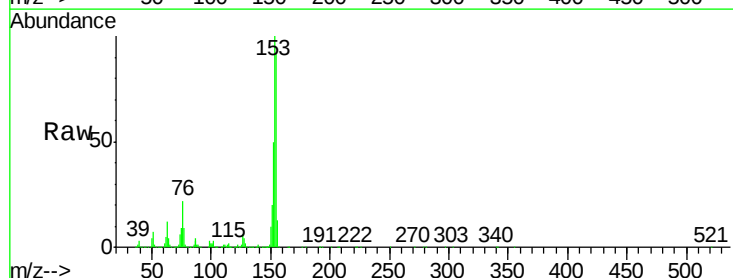
Tgt Ion:154 Resp: 1773095

Ion Ratio Lower Upper

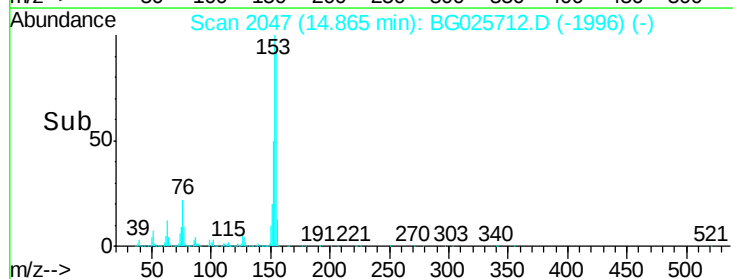
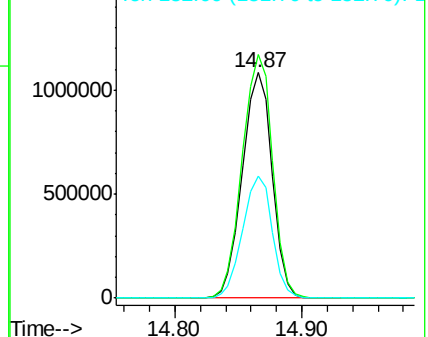
154 100

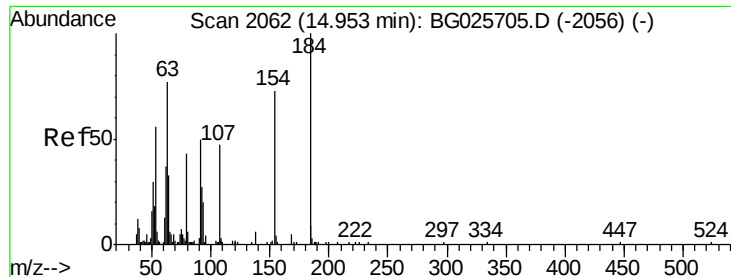
153 108.1 87.8 131.6

152 54.5 42.2 63.4



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

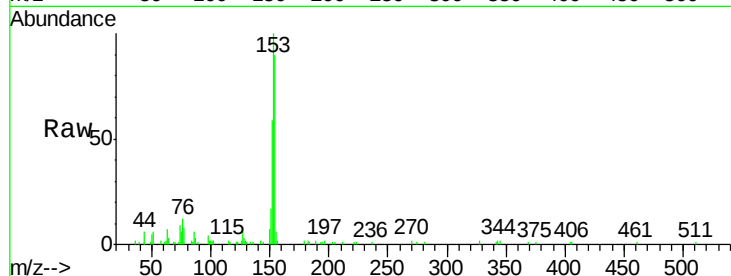




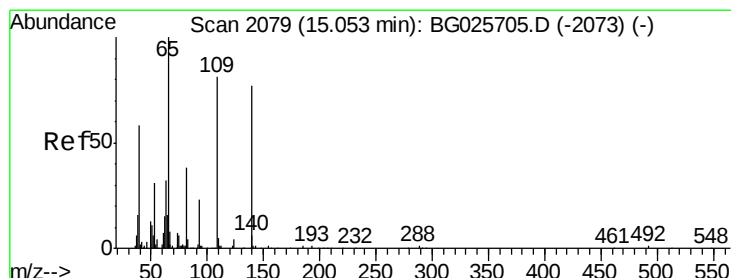
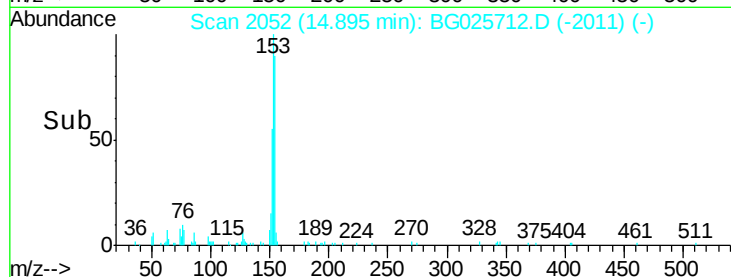
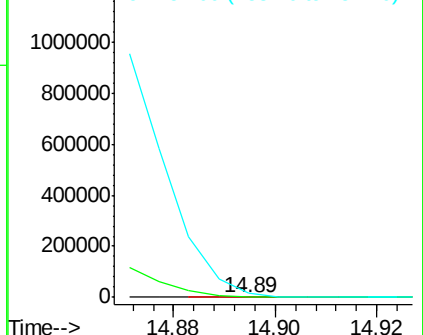
#53
2,4-Dinitrophenol
Concen: 9.50 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.06 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Instrument :
BNA_G
ClientSampleId :
0036

Tgt Ion:184 Resp: 145
Ion Ratio Lower Upper
184 100
63 572.8 52.7 79.1#
154 7365.5 57.3 85.9#

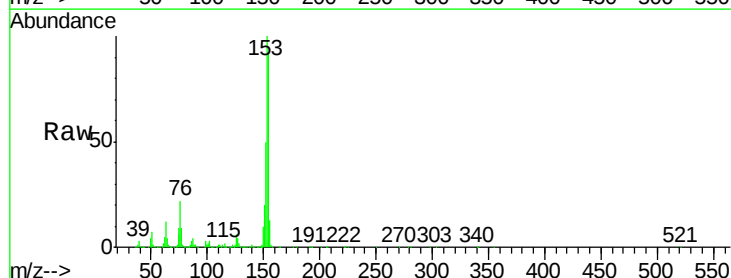


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

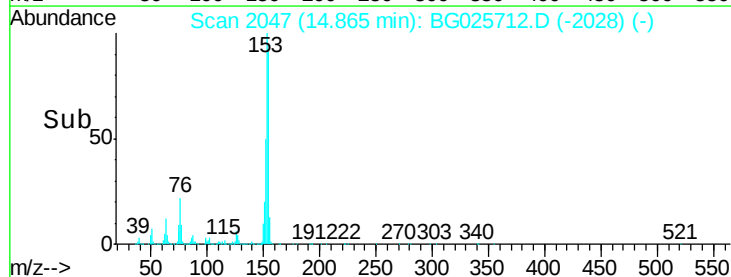
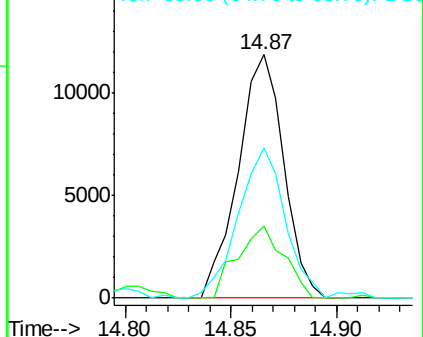


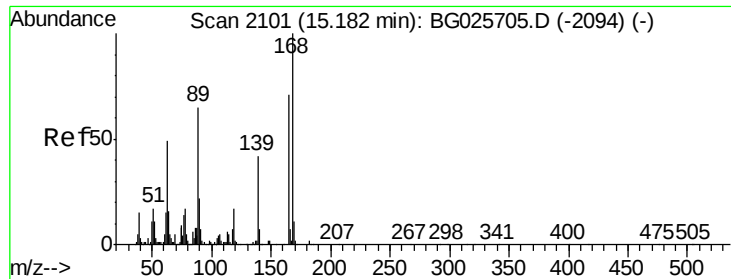
#55
4-Nitrophenol
Concen: 11.84 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.19 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:139 Resp: 17808
Ion Ratio Lower Upper
139 100
109 29.9 101.2 141.2#
65 61.4 135.3 175.3#



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: 30.38 ng

RT: 15.18 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

Tgt Ion:165 Resp: 161355

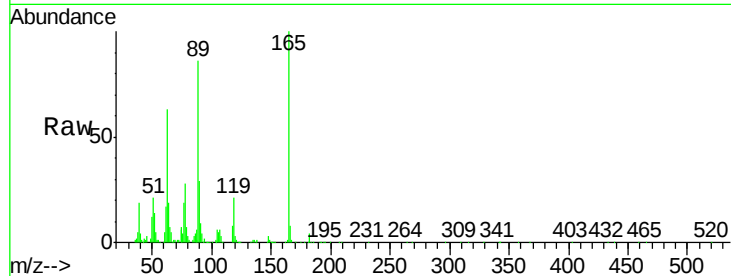
Ion Ratio Lower Upper

165 100

63 62.9 44.0 66.0

89 85.5 67.3 100.9

182 4.1 3.8 5.6

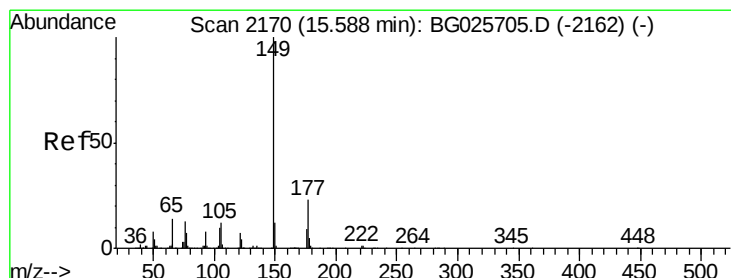
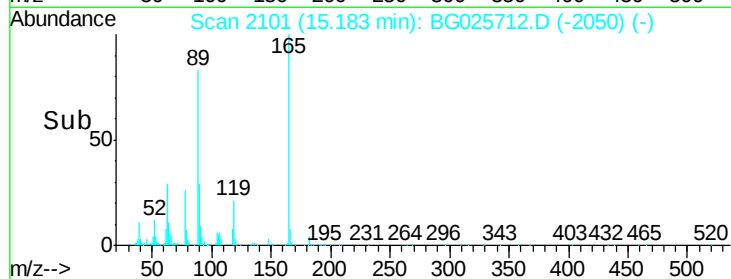
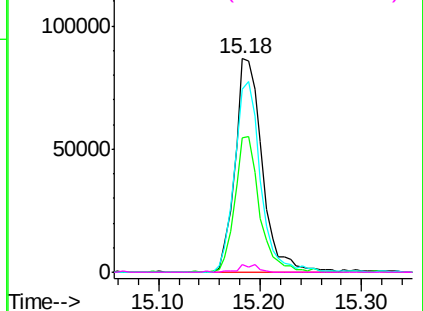


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#59

Diethylphthalate

Concen: 59.08 ng

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

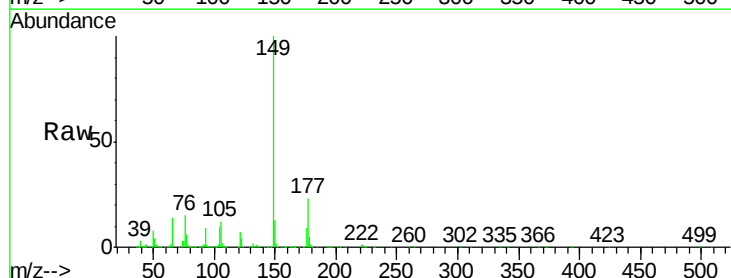
Tgt Ion:149 Resp: 1003772

Ion Ratio Lower Upper

149 100

177 23.2 20.1 30.1

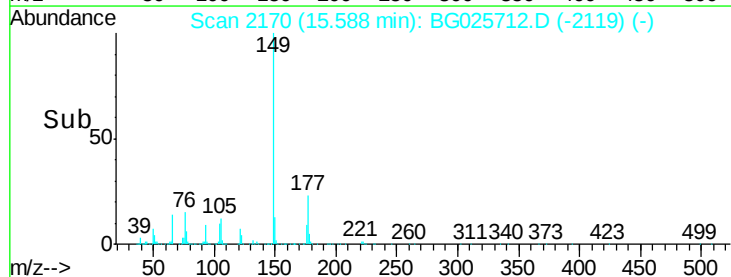
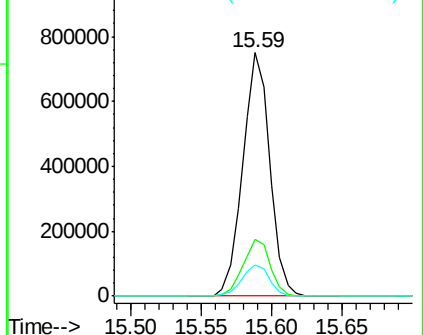
150 12.8 10.2 15.2

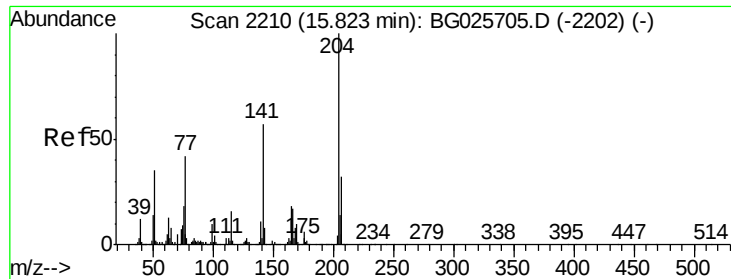


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

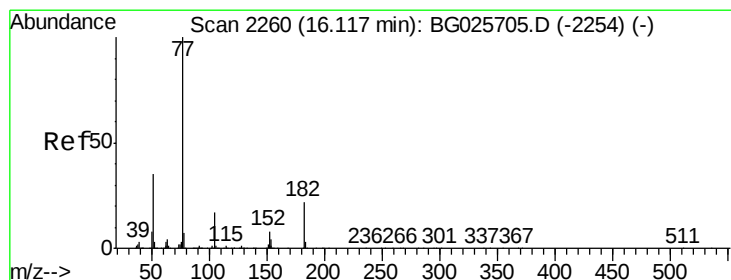
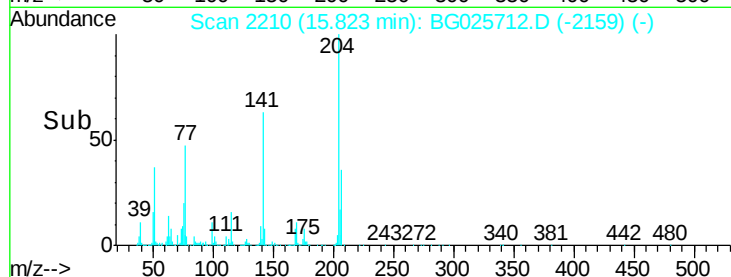
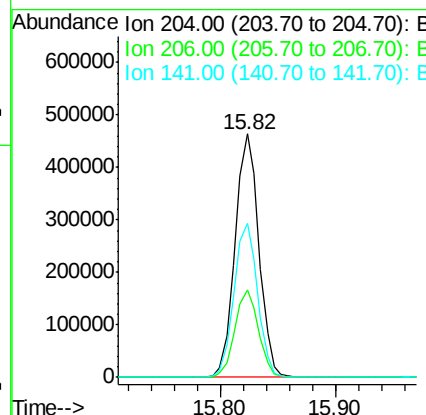
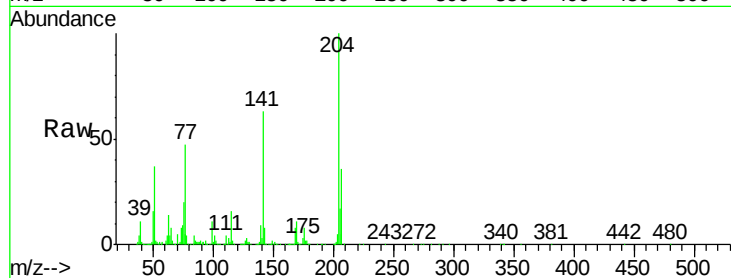




#60
 4-Chlorophenyl-phenylether
 Concen: 75.87 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

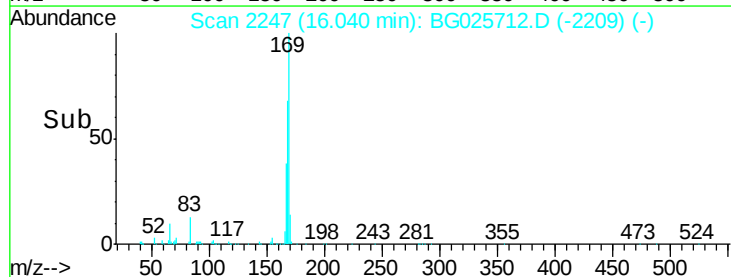
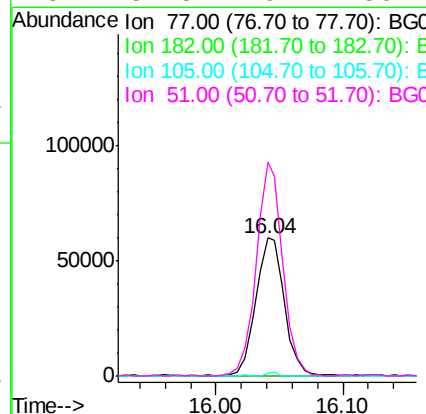
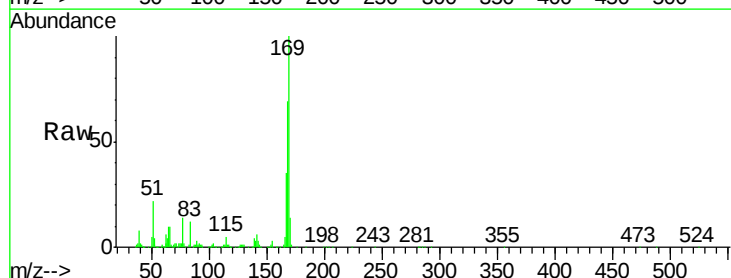
Instrument :
 BNA_G
 ClientSampleId :
 0036

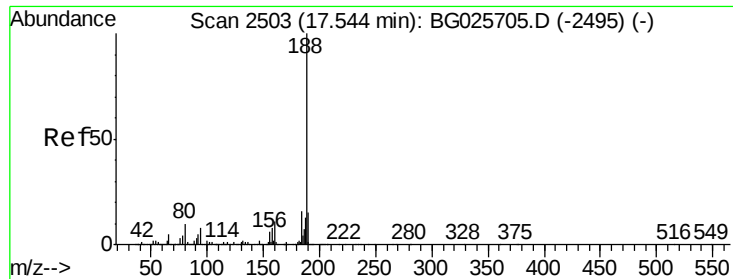
Tgt Ion: 204 Resp: 659902
 Ion Ratio Lower Upper
 204 100
 206 36.0 30.1 45.1
 141 63.5 50.6 76.0



#62
 Azobenzene
 Concen: 5.40 ng
 RT: 16.04 min Scan# 2247
 Delta R.T. -0.08 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

Tgt Ion: 77 Resp: 93440
 Ion Ratio Lower Upper
 77 100
 182 0.0 4.7 44.7#
 105 1.7 0.0 36.3
 51 154.8 16.4 56.4#

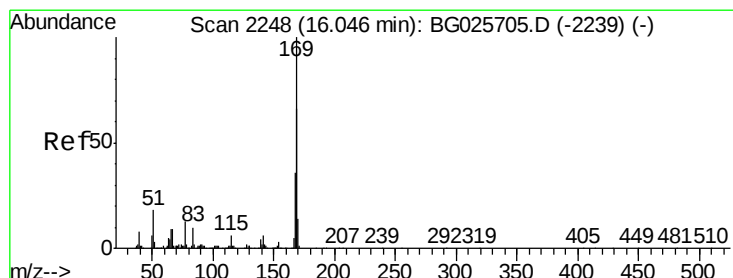
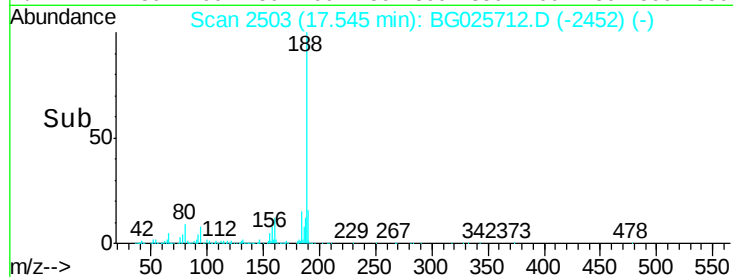
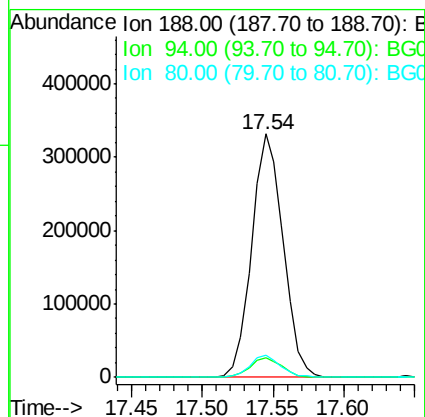
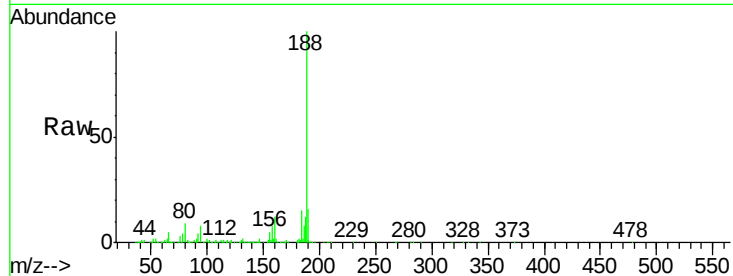




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

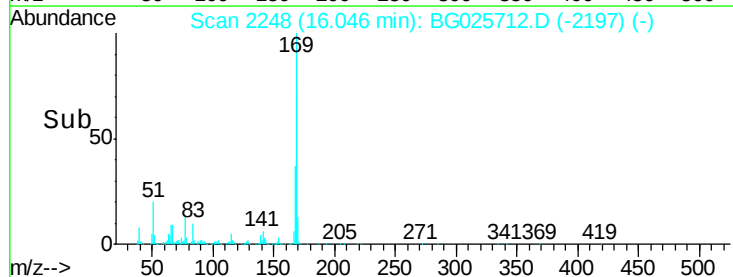
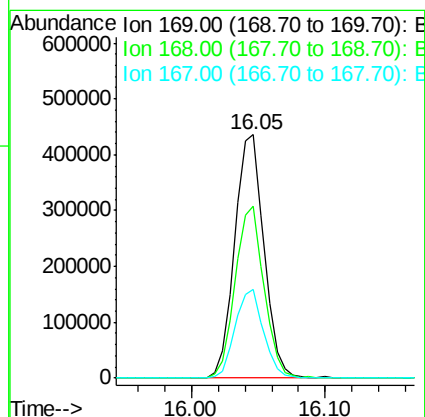
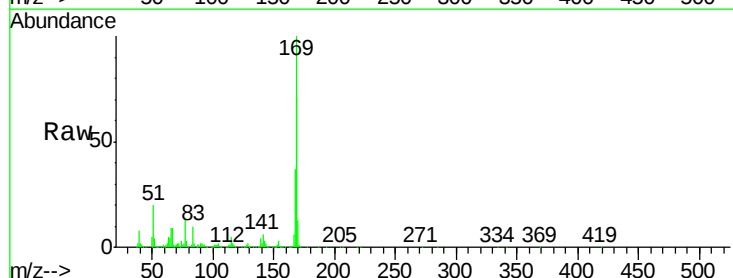
Instrument :
BNA_G
ClientSampleId :
0036

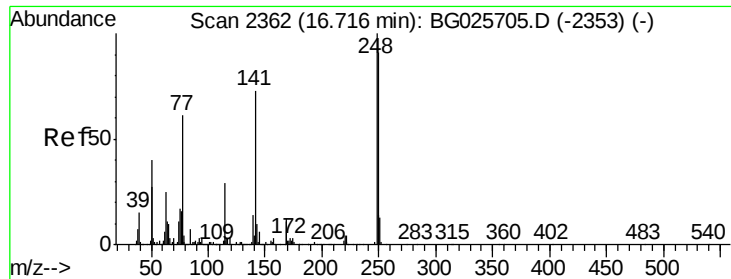
Tgt Ion:188 Resp: 516418
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 9.0 7.5 11.3



#65
n-Nitrosodiphenylamine
Concen: 44.94 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:169 Resp: 666247
Ion Ratio Lower Upper
169 100
168 70.6 55.7 83.5
167 36.6 29.8 44.6

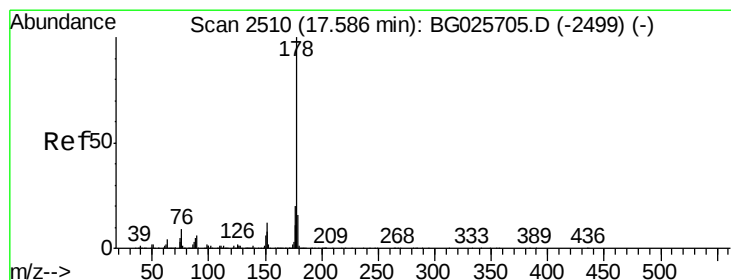
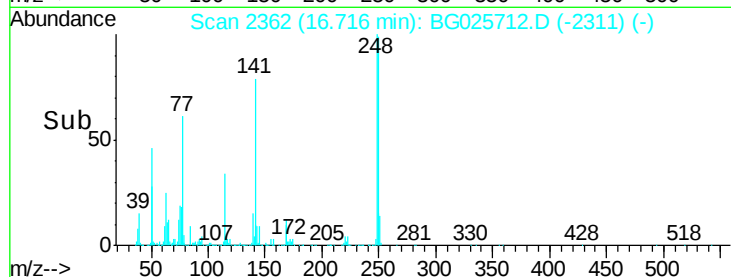
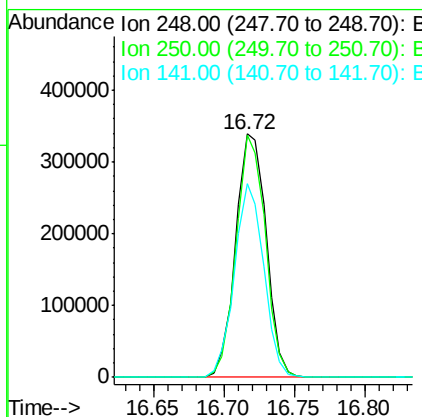
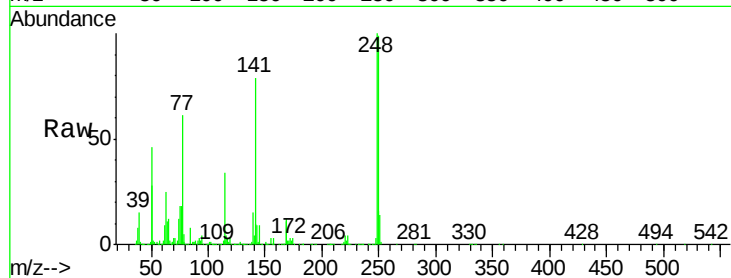




#66
4-Bromophenyl-phenylether
Concen: 81.66 ng
RT: 16.72 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

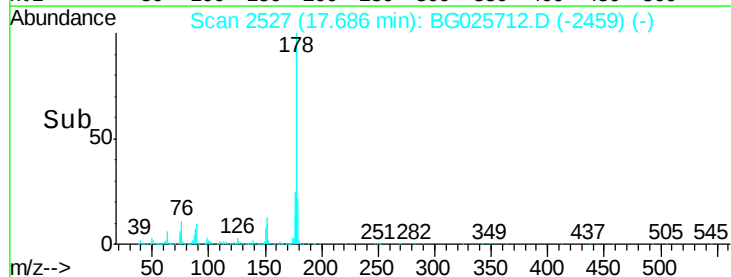
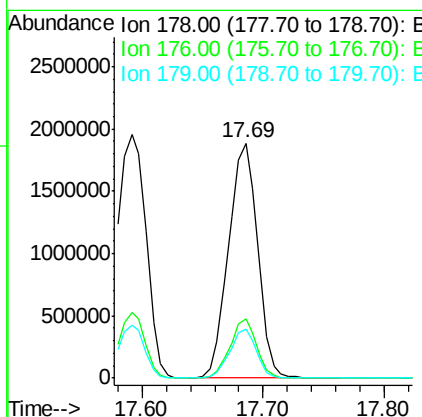
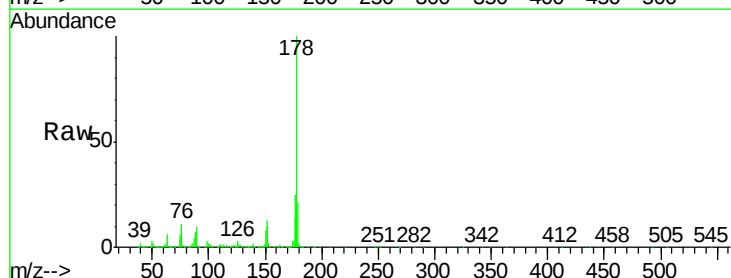
Instrument :
BNA_G
ClientSampleId :
0036

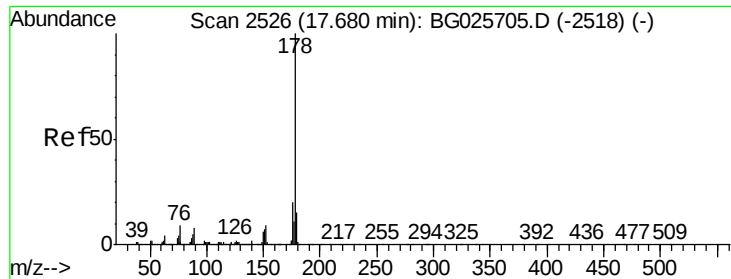
Tgt Ion:248 Resp: 512855
Ion Ratio Lower Upper
248 100
250 99.4 75.0 112.6
141 79.5 55.2 82.8



#70
Phenanthrene
Concen: 112.65 ng
RT: 17.69 min Scan# 2527
Delta R.T. 0.10 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:178 Resp: 3161308
Ion Ratio Lower Upper
178 100
176 25.4 17.7 26.5
179 20.9 15.0 22.6





#71

Anthracene

Concen: 109.24 ng

RT: 17.69 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampled :

0036

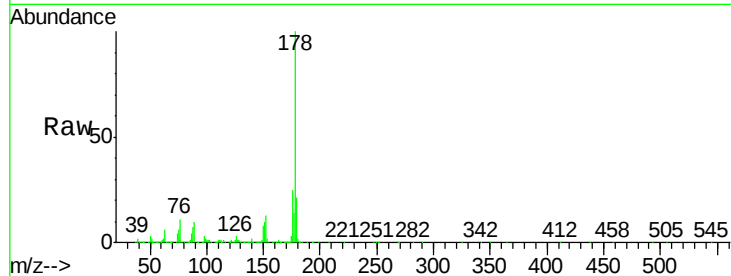
Tgt Ion:178 Resp: 3161308

Ion Ratio Lower Upper

178 100

176 25.4 16.4 24.6#

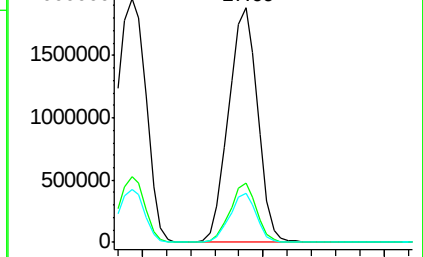
179 20.9 13.8 20.8#



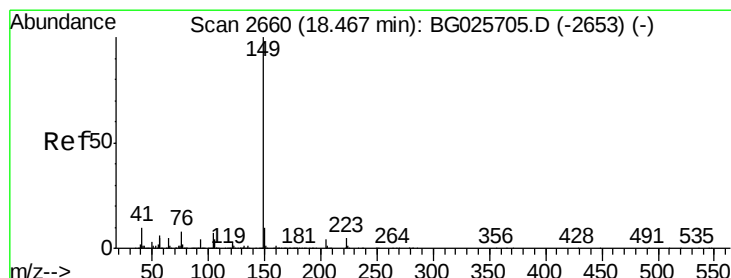
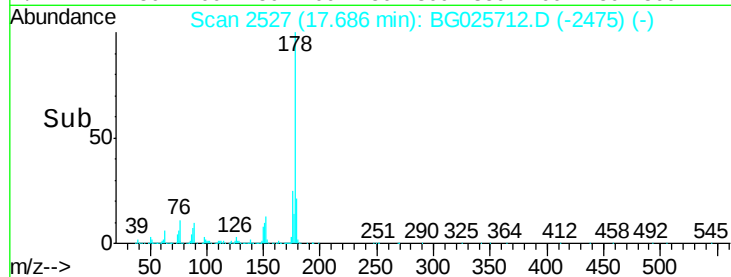
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 87.20 ng

RT: 18.47 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

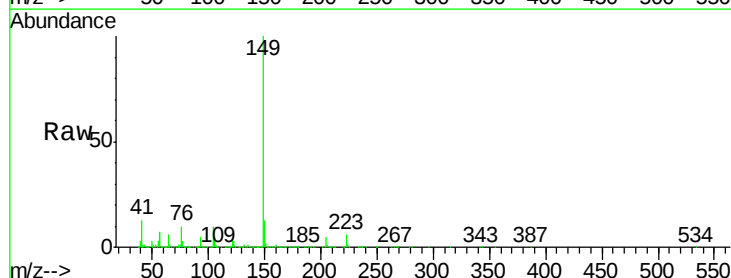
Tgt Ion:149 Resp: 2827584

Ion Ratio Lower Upper

149 100

150 12.8 9.1 13.7

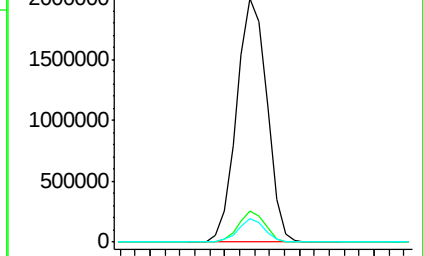
104 9.6 6.7 10.1



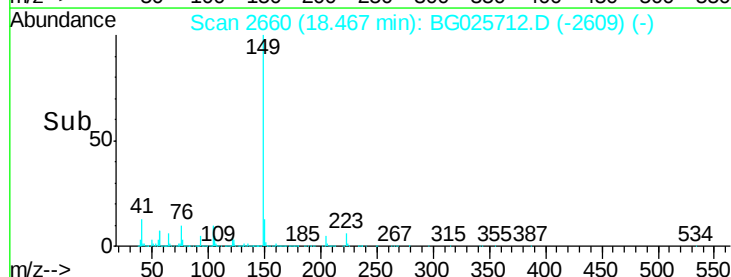
Abundance Ion 149.00 (148.70 to 149.70): E

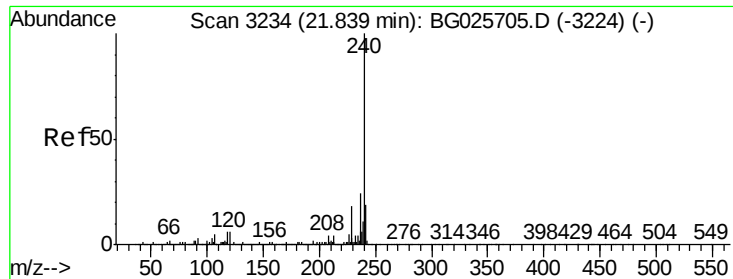
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

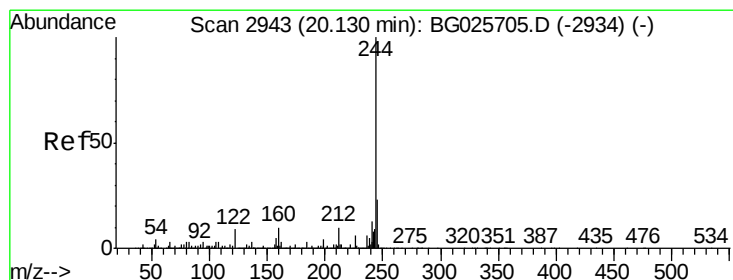
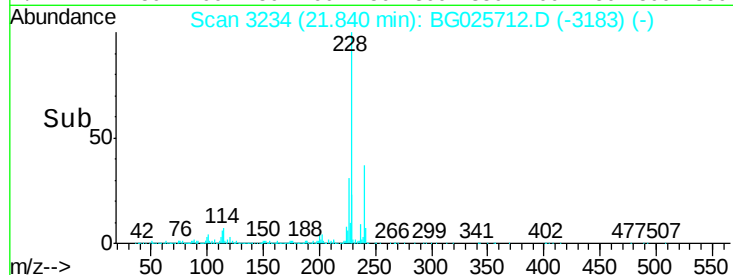
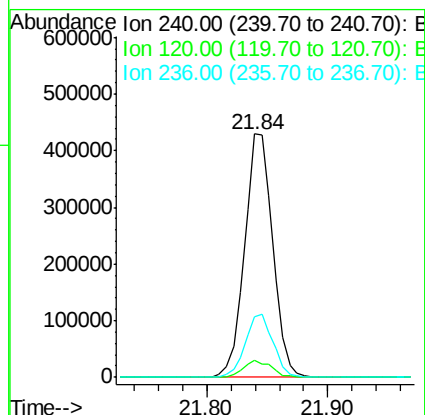
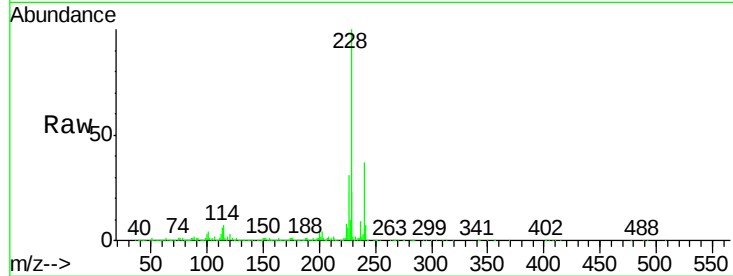




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

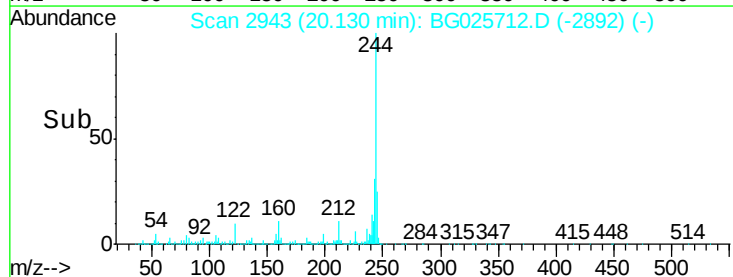
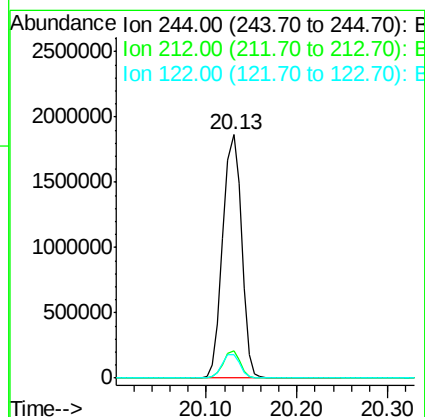
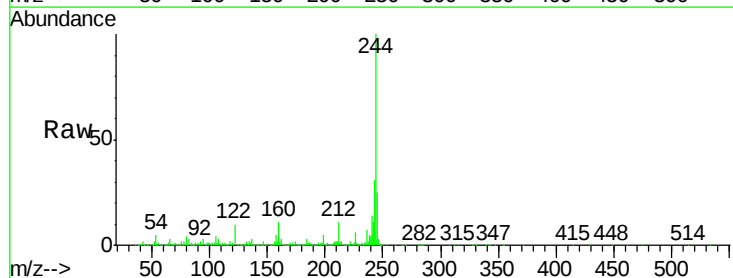
Instrument :
 BNA_G
 ClientSampleId :
 0036

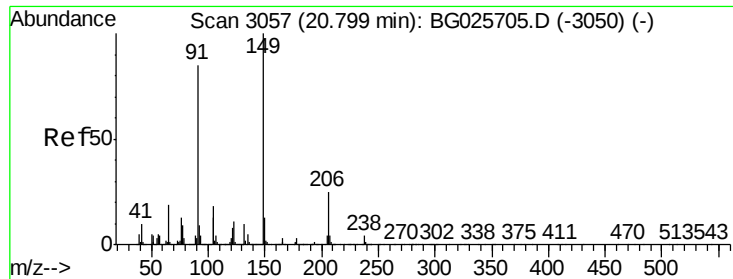
Tgt Ion:240 Resp: 699561
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.7 8.5
 236 24.9 22.2 33.4



#78
 Terphenyl-d14
 Concen: 92.11 ng
 RT: 20.13 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: BG025712.D
 Acq: 30 Jan 2017 19:52

Tgt Ion:244 Resp: 2669728
 Ion Ratio Lower Upper
 244 100
 212 11.3 10.0 15.0
 122 9.9 8.6 12.8

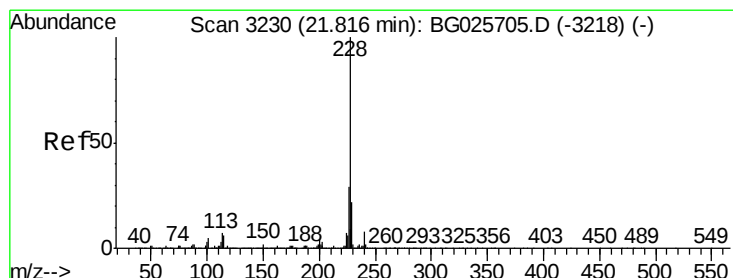
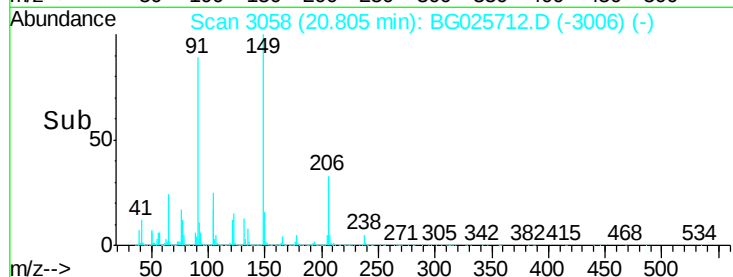
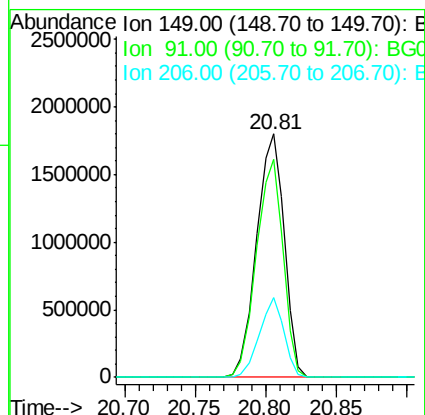
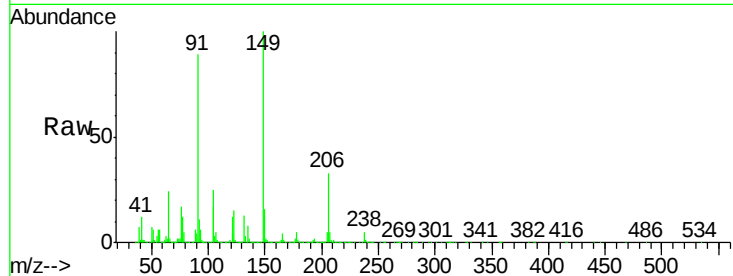




#79
Butylbenzylphthalate
Concen: 153.63 ng
RT: 20.81 min Scan# 3058
Delta R.T. 0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

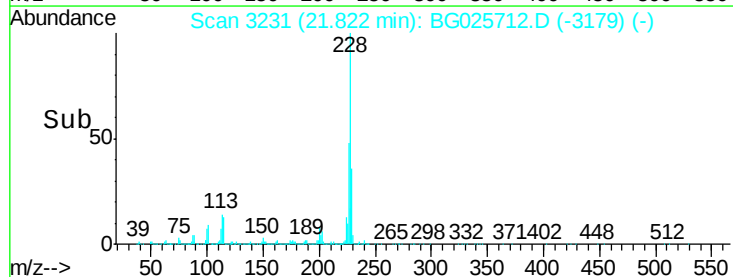
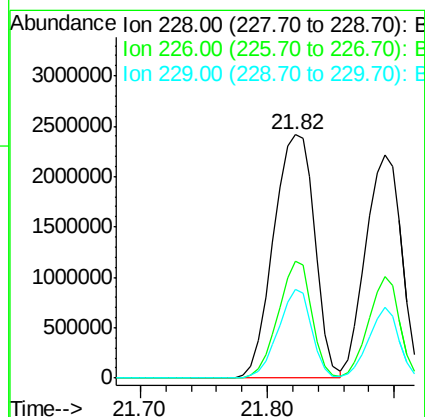
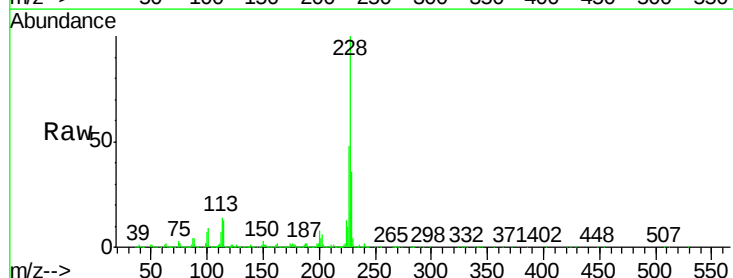
Instrument :
BNA_G
ClientSampleId :
0036

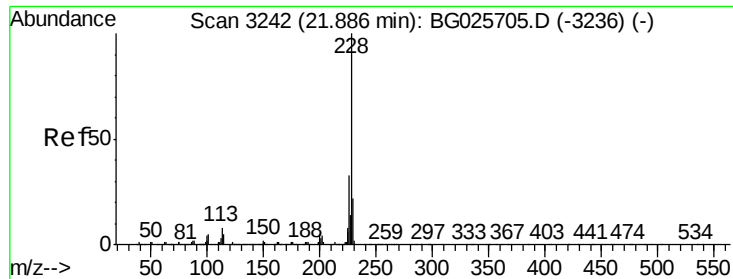
Tgt Ion:149 Resp: 2485623
Ion Ratio Lower Upper
149 100
91 89.4 63.5 95.3
206 32.7 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 131.73 ng
RT: 21.82 min Scan# 3231
Delta R.T. 0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:228 Resp: 5457695
Ion Ratio Lower Upper
228 100
226 48.2 24.9 37.3#
229 36.3 18.2 27.2#

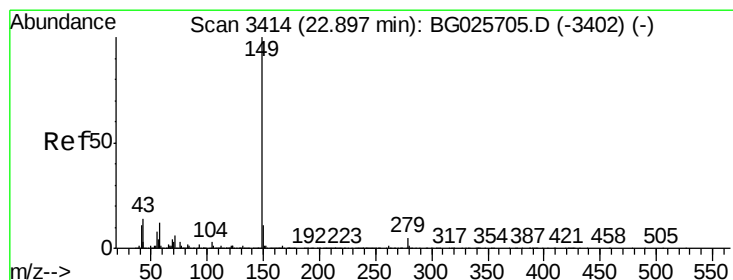
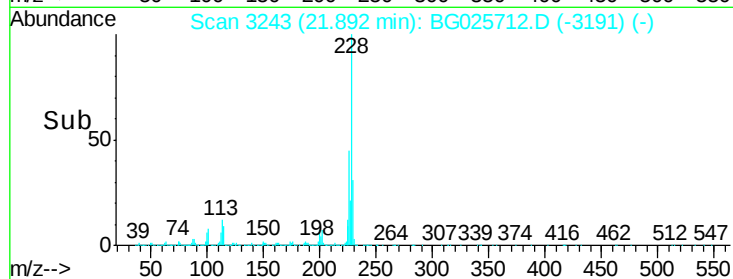
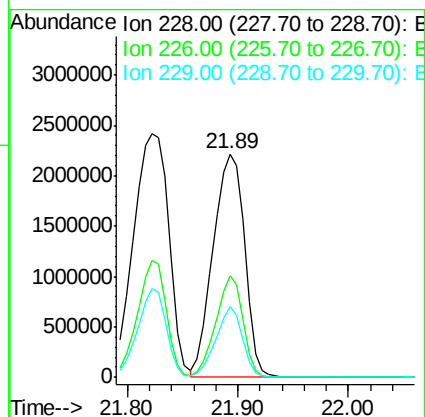
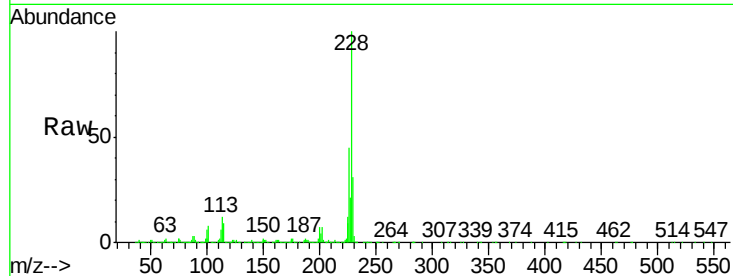




#82
Chrysene
Concen: 111.37 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

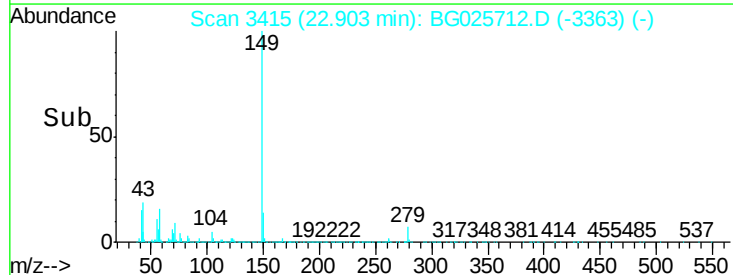
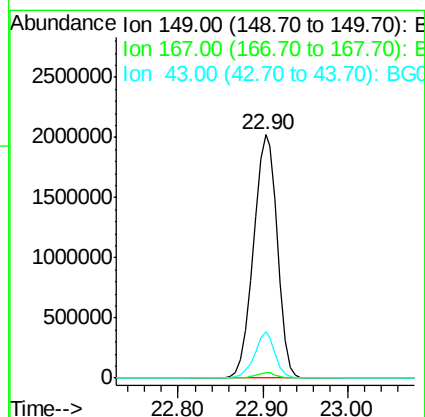
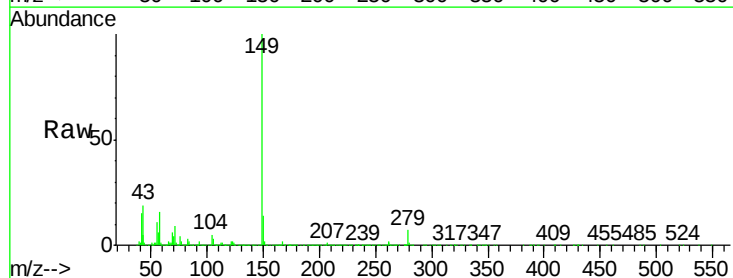
Instrument :
BNA_G
ClientSampleId :
0036

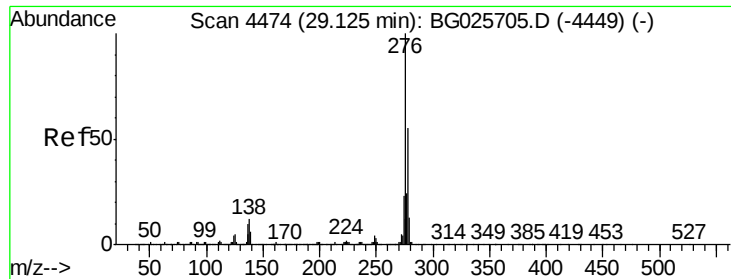
Tgt Ion:228 Resp: 4361404
Ion Ratio Lower Upper
228 100
226 45.3 27.0 40.4#
229 31.4 17.8 26.6#



#84
Di-n-octyl phthalate
Concen: 108.51 ng
RT: 22.90 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG025712.D
Acq: 30 Jan 2017 19:52

Tgt Ion:149 Resp: 3971807
Ion Ratio Lower Upper
149 100
167 2.1 1.4 2.2
43 16.2 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 124.12 ng

RT: 29.16 min Scan# 4480

Delta R.T. 0.04 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

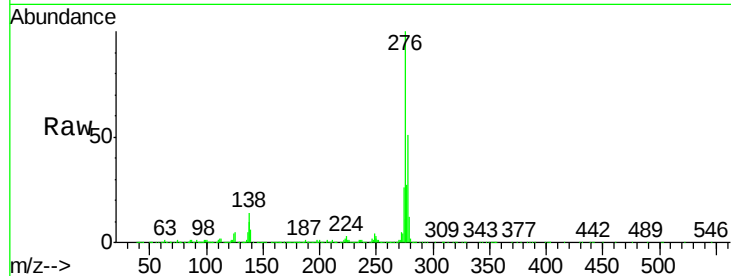
Tgt Ion:276 Resp: 5925296

Ion Ratio Lower Upper

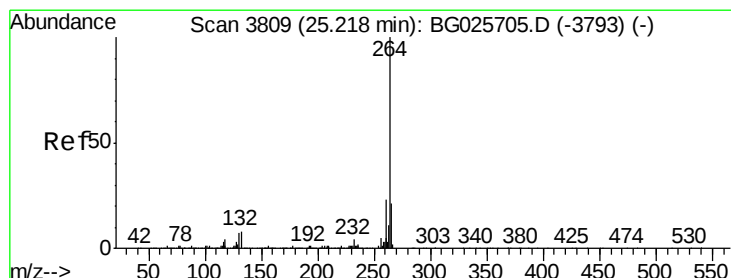
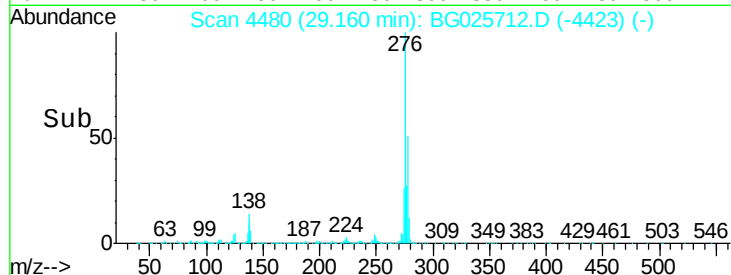
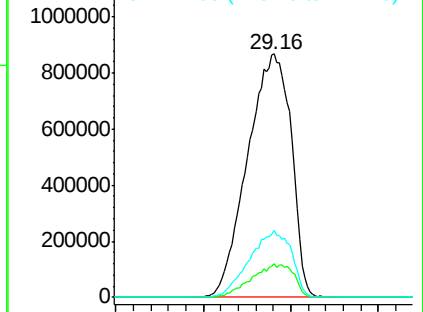
276 100

138 8.8 4.7 7.1#

277 26.5 20.6 31.0



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: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.00 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

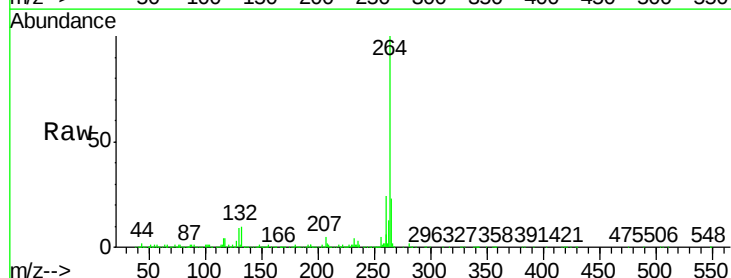
Tgt Ion:264 Resp: 680047

Ion Ratio Lower Upper

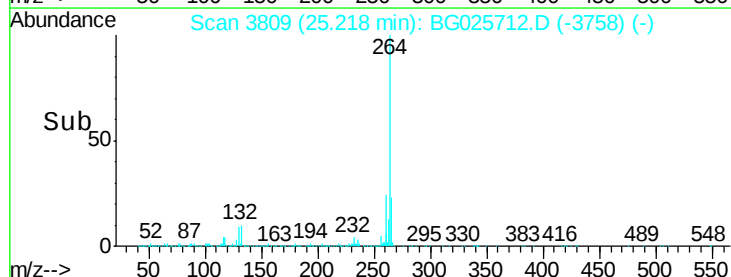
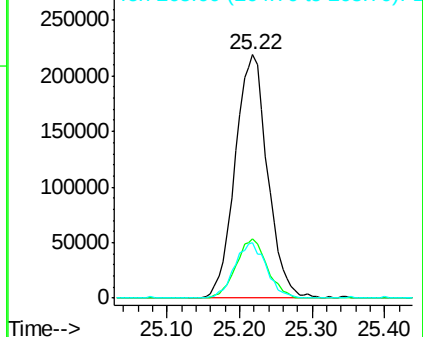
264 100

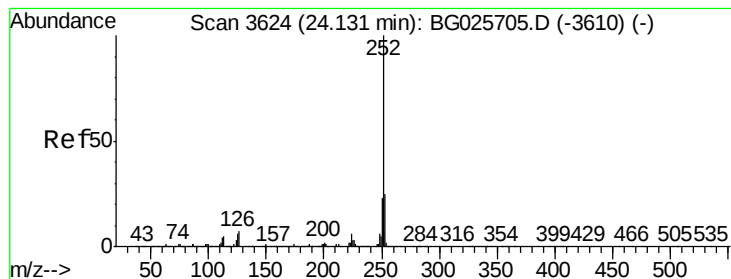
260 24.1 21.8 32.8

265 22.6 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 132.76 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.09 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

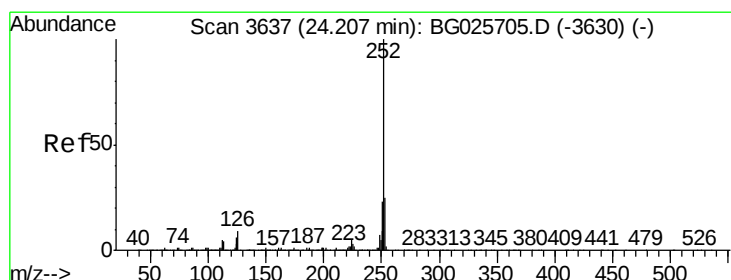
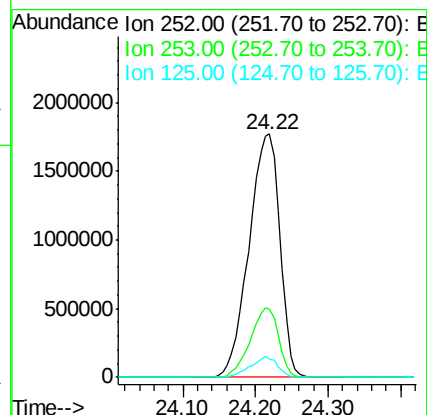
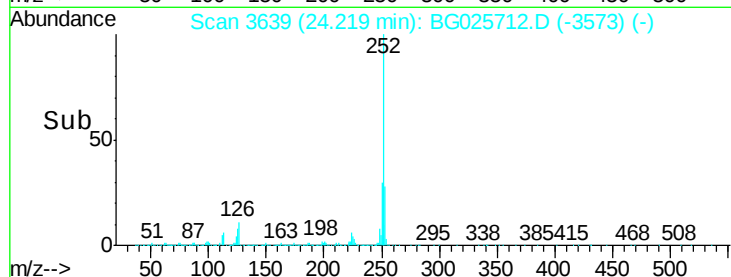
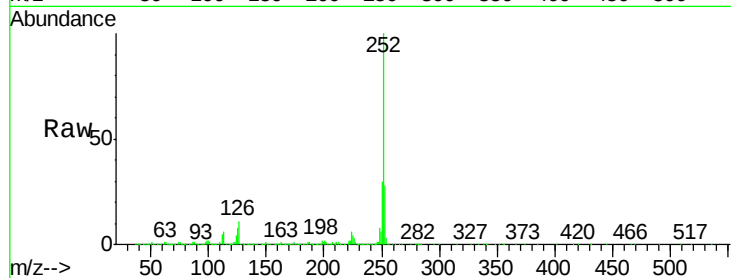
Tgt Ion:252 Resp: 5218324

Ion Ratio Lower Upper

252 100

253 28.0 18.7 28.1

125 7.8 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 135.64 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

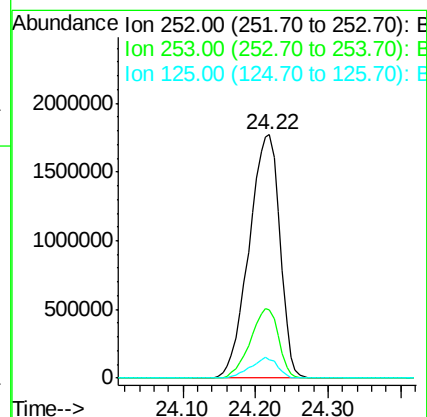
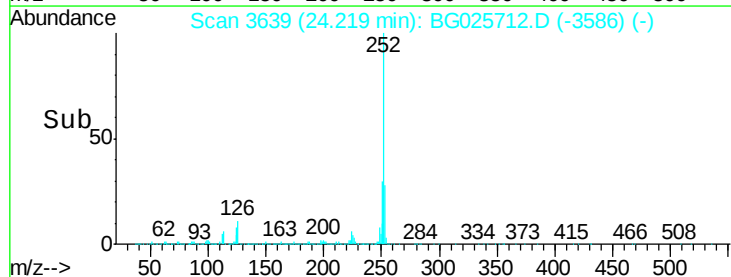
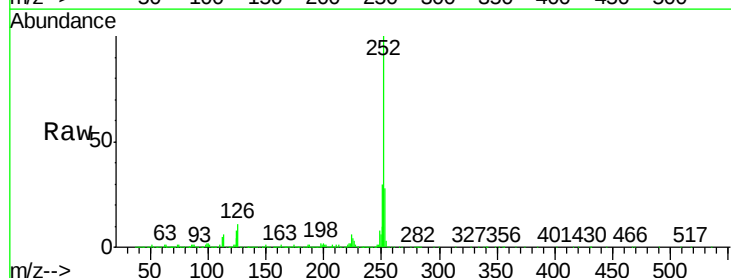
Tgt Ion:252 Resp: 5218324

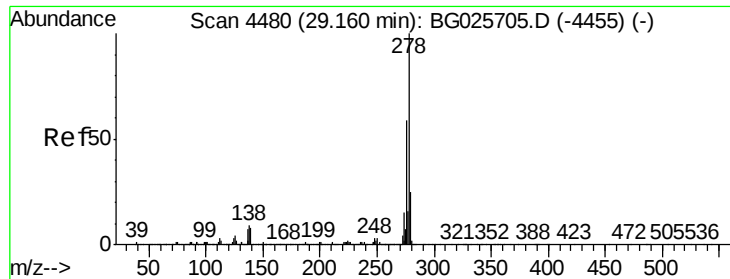
Ion Ratio Lower Upper

252 100

253 28.0 20.2 30.2

125 7.8 5.1 7.7#





#90

Dibenzo(a,h)anthracene

Concen: 91.17 ng

RT: 29.20 min Scan# 4486

Delta R.T. 0.04 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Instrument :

BNA_G

ClientSampleId :

0036

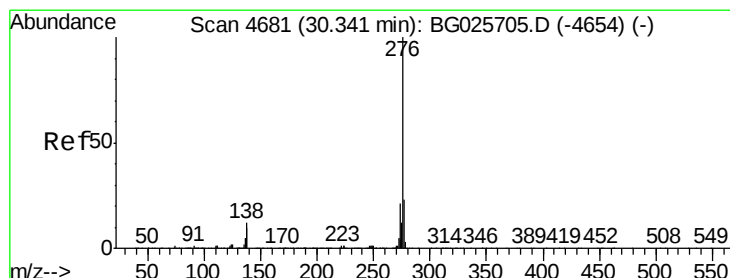
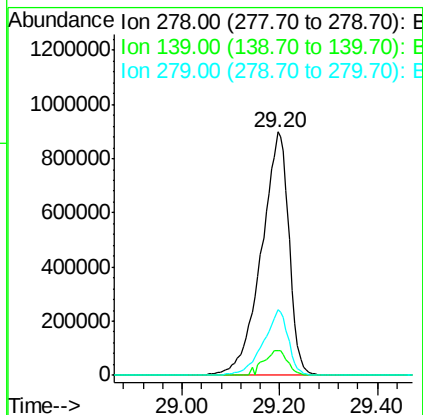
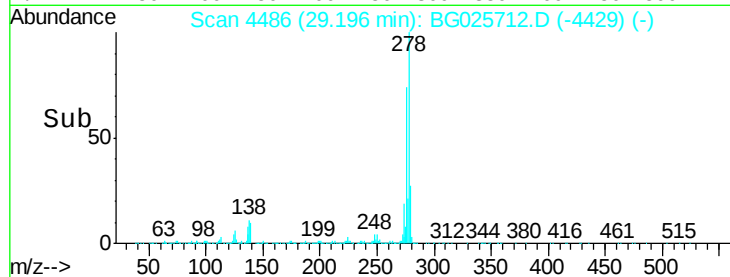
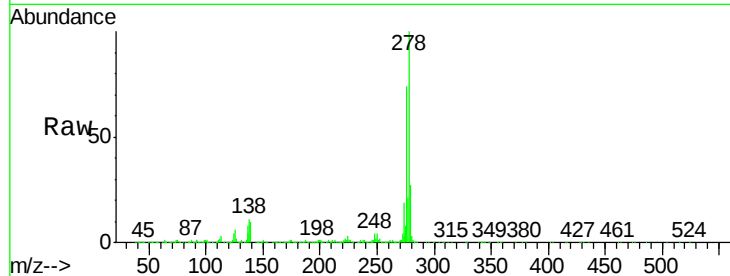
Tgt Ion:278 Resp: 3524749

Ion Ratio Lower Upper

278 100

139 10.0 7.7 11.5

279 26.9 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 186.44 ng

RT: 30.42 min Scan# 4694

Delta R.T. 0.08 min

Lab File: BG025712.D

Acq: 30 Jan 2017 19:52

Tgt Ion:276 Resp: 7163044

Ion Ratio Lower Upper

276 100

277 27.0 18.6 27.8

138 12.7 8.1 12.1#

