

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013017\
 Data File : BG025715.D
 Acq On : 30 Jan 2017 21:49
 Operator : SJ/MA
 Sample : I1305-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0024DL

Quant Time: Jan 31 00:24:55 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	8.16	152	68607	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	280130	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	223576	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	507585	20.00	ng	0.00
75) Chrysene-d12	21.83	240	686795	20.00	ng	0.00
86) Perylene-d12	25.21	264	693439	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	89797	23.46	ng	0.00
7) Phenol-d6	7.33	99	135853	24.30	ng	0.00
23) Nitrobenzene-d5	9.35	82	101873	15.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	84562	26.52	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	237295	17.24	ng	0.00
78) Terphenyl-d14	20.13	244	520180	18.28	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.58	93	51660	6.56	ng	# 57
8) 2-Chlorophenol	7.73	128	96564	22.22	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	51660	10.40	ng	88
12) 1,3-Dichlorobenzene	8.20	146	116566	21.94	ng	97
13) 1,4-Dichlorobenzene	8.20	146	116566	21.58	ng	95
14) 1,2-Dichlorobenzene	8.52	146	167744	32.40	ng	96
15) Benzyl Alcohol	8.61	79	90237	18.66	ng	# 10
16) 2,2'-oxybis(1-Chloropropan	8.69	45	104507	10.42	ng	97
17) 2-Methylphenol	8.62	107	150529	35.07	ng	92
18) Hexachloroethane	9.24	117	92435	42.01	ng	90
20) 3+4-Methylphenols	8.94	107	175542	29.97	ng	89
24) Nitrobenzene	9.40	77	122473	16.92	ng	# 94
25) Isophorone	9.90	82	225391	17.45	ng	# 96
26) 2-Nitrophenol	10.11	139	51378	20.03	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	129123	18.88	ng	# 88
30) 1,2,4-Trichlorobenzene	10.85	180	210626	39.50	ng	93
31) Naphthalene	11.05	128	213437	14.68	ng	96
32) Benzoic acid	10.23	122	267	7.97	ng	# 5
33) 4-Chloroaniline	11.05	127	28424	4.70	ng	# 39
34) Hexachlorobutadiene	11.30	225	43450	10.01	ng	96
37) 2-Methylnaphthalene	12.64	142	414886	36.95	ng	99
40) Hexachlorocyclopentadiene	12.98	237	56	10.70	ng	# 29
42) 2,4,6-Trichlorophenol	13.25	196	139243	31.77	ng	95
43) 2,4,5-Trichlorophenol	13.33	196	165520	34.98	ng	96
49) Dimethylphthalate	14.24	163	453286	26.92	ng	96
50) 2,6-Dinitrotoluene	14.39	165	163707	42.94	ng	95
53) 2,4-Dinitrophenol	14.84	184	94	9.48	ng	# 15
54) Dibenzofuran	15.20	168	750364	39.55	ng	97
55) 4-Nitrophenol	15.07	139	39597	18.83	ng	95
56) 2,4-Dinitrotoluene	15.19	165	83364	14.94	ng	# 44
60) 4-Chlorophenyl-phenylether	15.82	204	278531	30.48	ng	98
65) n-Nitrosodiphenylamine	15.82	169	29890	2.05	ng	# 77
66) 4-Bromophenyl-phenylether	16.72	248	291949	47.29	ng	92
68) Atrazine	17.20	200	23505	3.27	ng	# 36

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

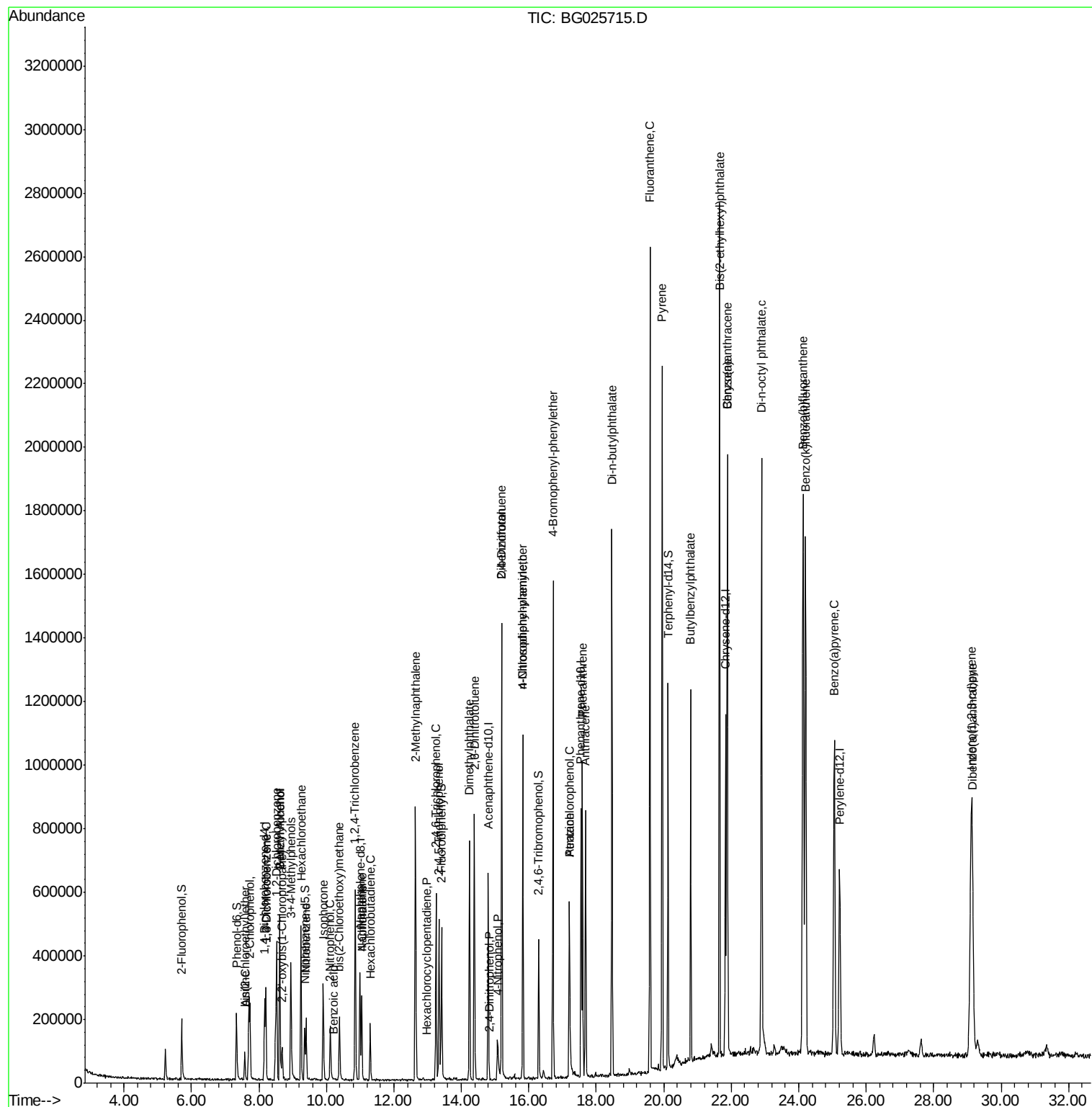
69) Pentachlorophenol	17.20	266	133015	43.61	ng	98
70) Phenanthrene	17.59	178	605848	21.97	ng	93
71) Anthracene	17.68	178	547804	19.26	ng	97
73) Di-n-butylphthalate	18.46	149	1152383	36.16	ng	96
74) Fluoranthene	19.59	202	1617968	42.80	ng	98
77) Pyrene	19.95	202	1420400	37.12	ng	98
79) Butylbenzylphthalate	20.80	149	330374	20.80	ng	94
80) Benzo(a)anthracene	21.88	228	1283671	31.56	ng	97
82) Chrysene	21.88	228	1283671	33.39	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	952833	43.07	ng	99
84) Di-n-octyl phthalate	22.90	149	1534257	42.70	ng	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	1407760	30.04	ng	# 55
87) Benzo(b)fluoranthene	24.13	252	1846113	46.06	ng	98
88) Benzo(k)fluoranthene	24.20	252	1743591	44.45	ng	96
89) Benzo(a)pyrene	25.06	252	1119397	29.36	ng	94
90) Dibenzo(a,h)anthracene	29.15	278	798074	20.24	ng	97

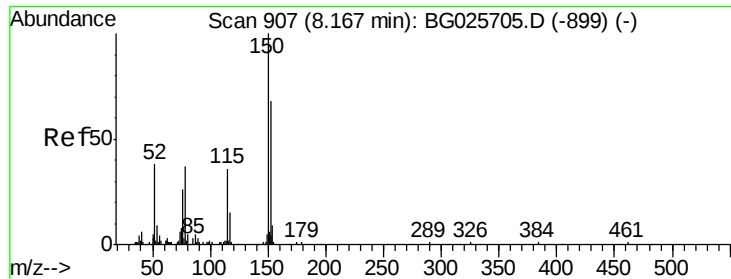
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

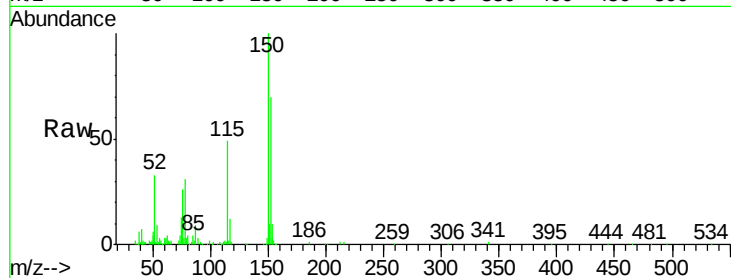
Tgt Ion:152 Resp: 68607

Ion Ratio Lower Upper

152 100

150 142.2 114.0 171.0

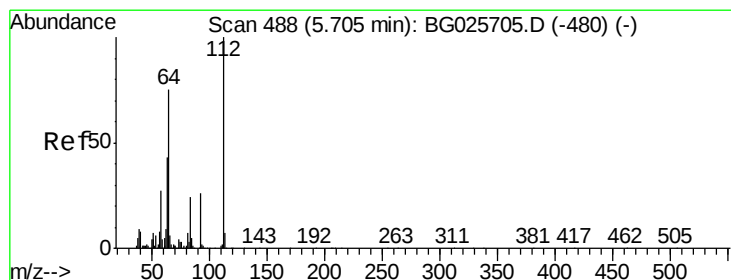
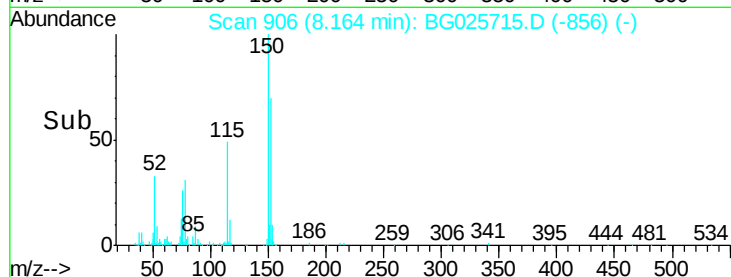
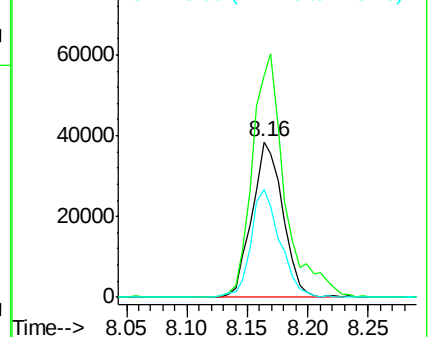
115 69.4 48.1 72.1



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



#5

2-Fluorophenol

Concen: 23.46 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

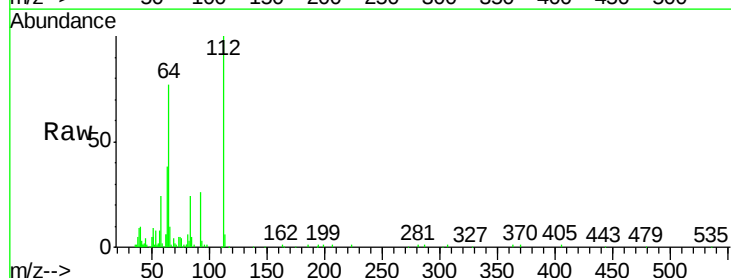
Tgt Ion:112 Resp: 89797

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

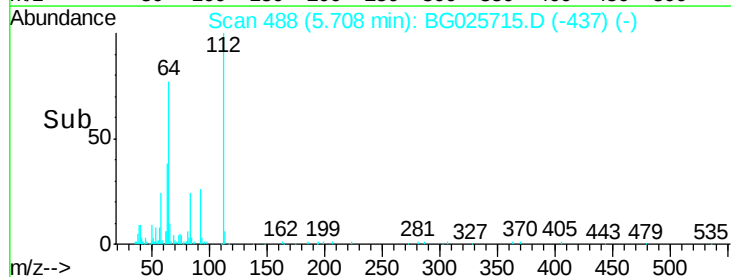
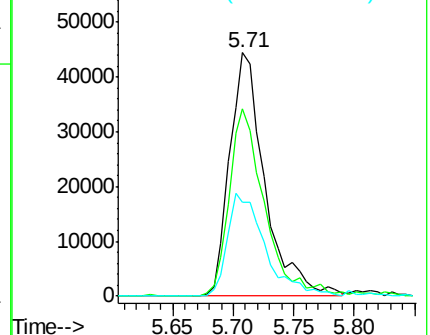
63 38.5 37.2 55.8

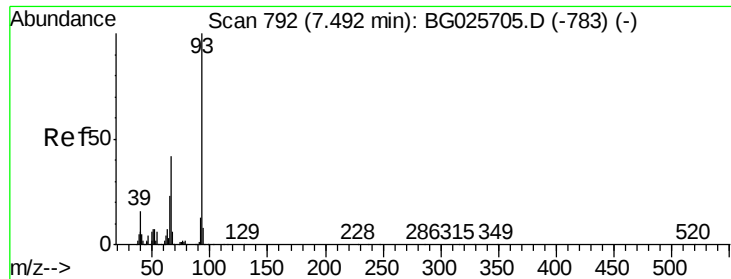


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 6.56 ng

RT: 7.58 min Scan# 806

Delta R.T. 0.08 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

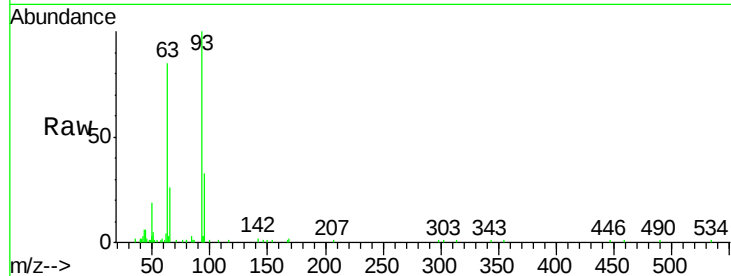
Tgt Ion: 93 Resp: 51660

Ion Ratio Lower Upper

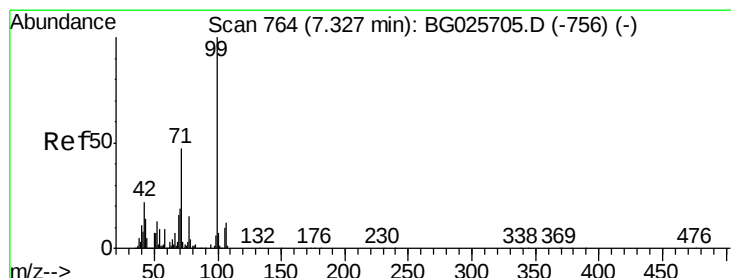
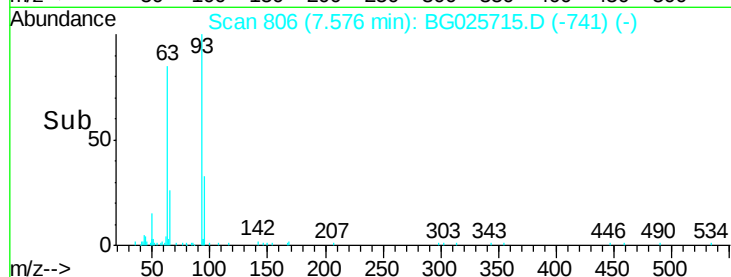
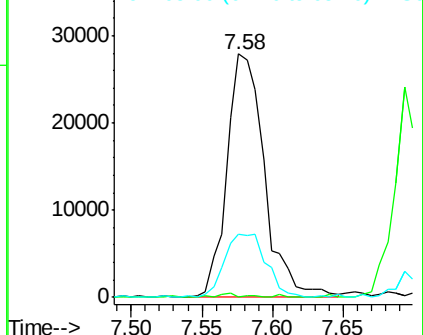
93 100

66 0.0 35.4 53.2#

65 26.0 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: 24.30 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

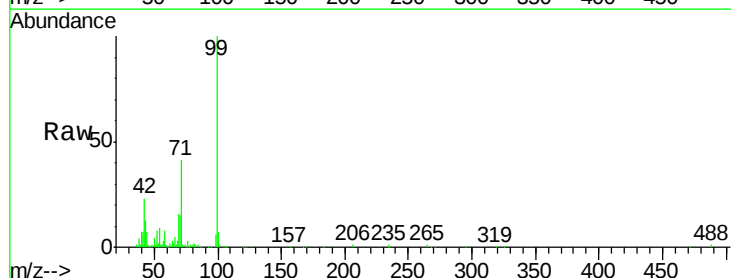
Tgt Ion: 99 Resp: 135853

Ion Ratio Lower Upper

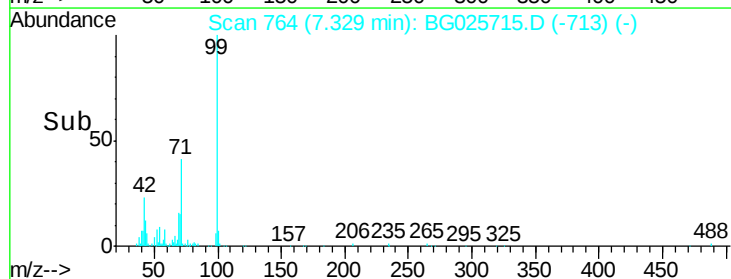
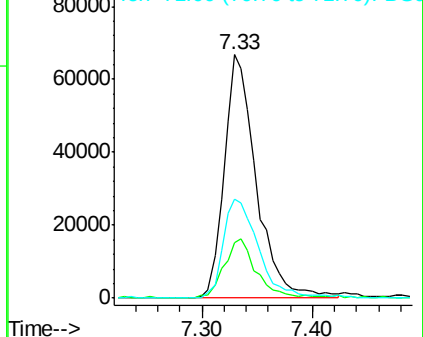
99 100

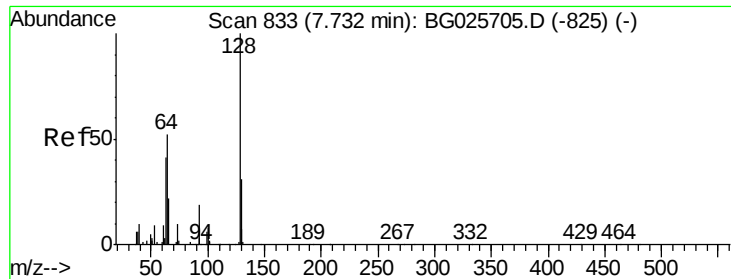
42 22.8 20.5 30.7

71 40.7 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





#8

2-Chlorophenol

Concen: 22.22 ng

RT: 7.73 min Scan# 833

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

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ClientSampleId :

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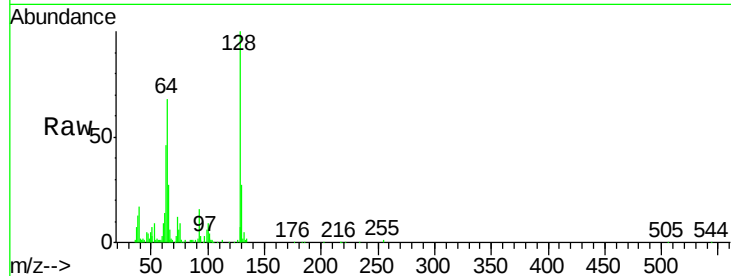
Tgt Ion:128 Resp: 96564

Ion Ratio Lower Upper

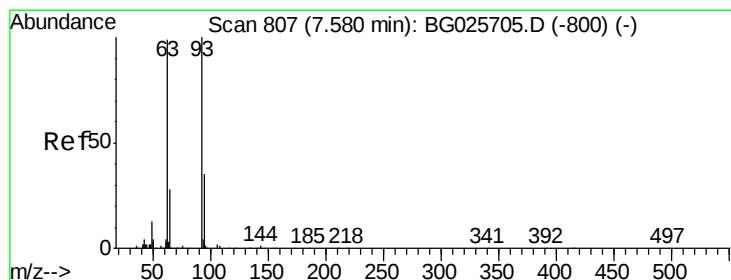
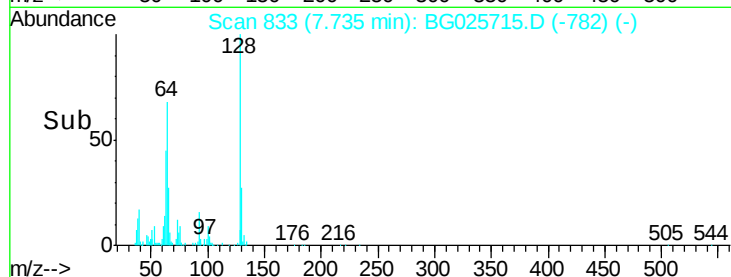
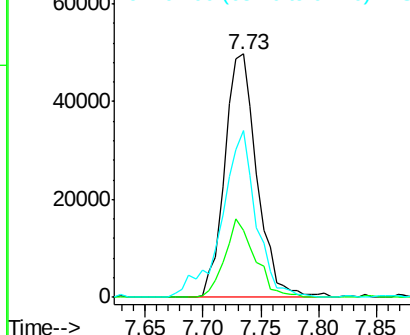
128 100

130 27.5 11.4 51.4

64 68.4 46.6 86.6



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



#11

bis(2-Chloroethyl)ether

Concen: 10.40 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

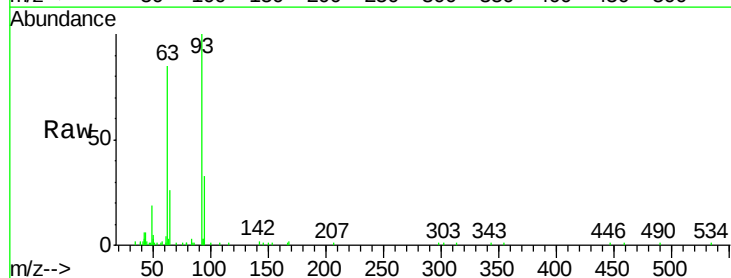
Tgt Ion: 93 Resp: 51660

Ion Ratio Lower Upper

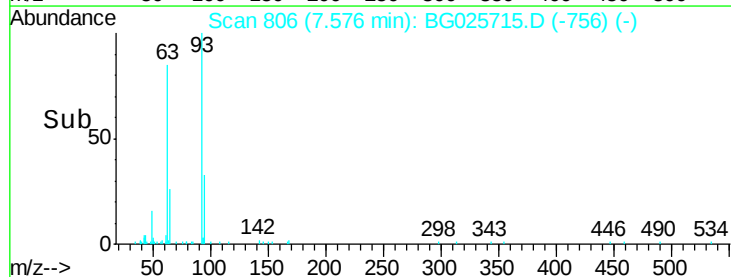
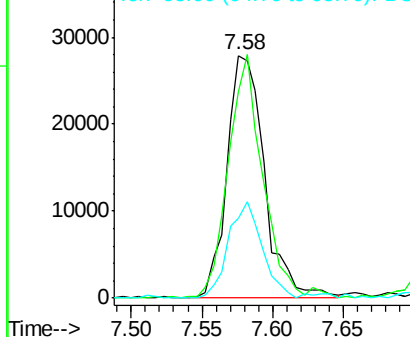
93 100

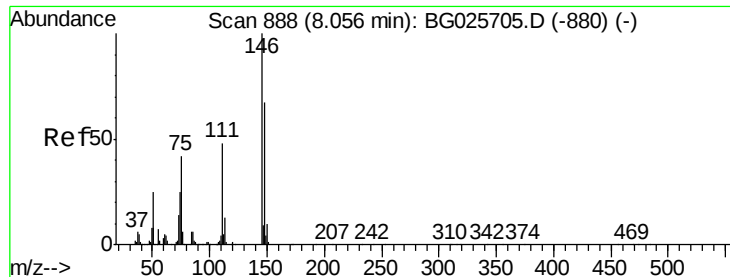
63 85.2 78.5 118.5

95 32.8 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: 21.94 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.15 min

Lab File: BG025715.D

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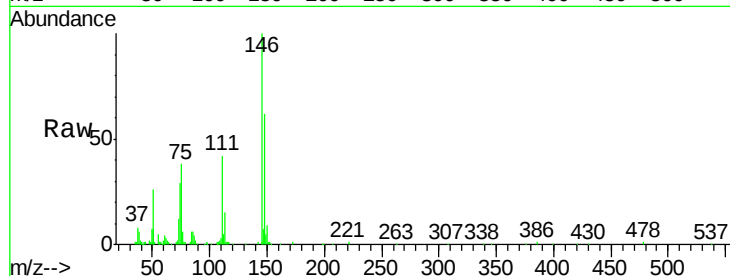
Tgt Ion:146 Resp: 116566

Ion Ratio Lower Upper

146 100

148 61.7 49.2 73.8

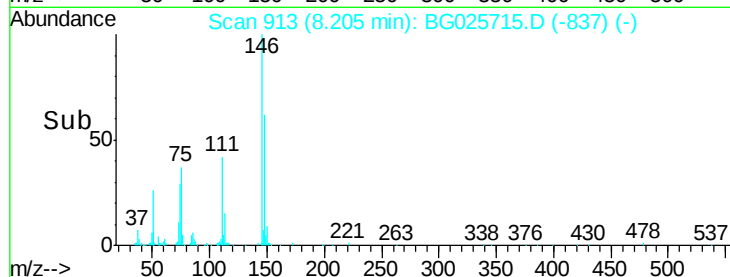
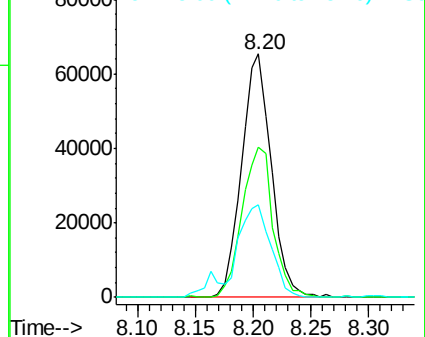
75 37.9 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 21.58 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

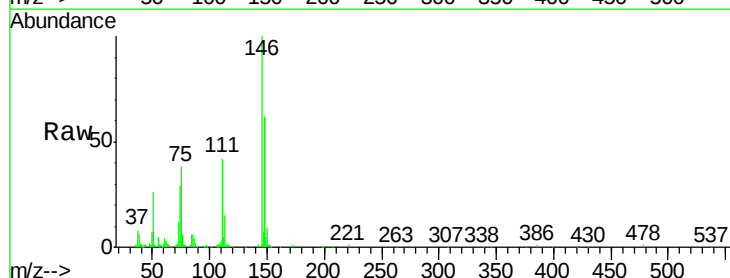
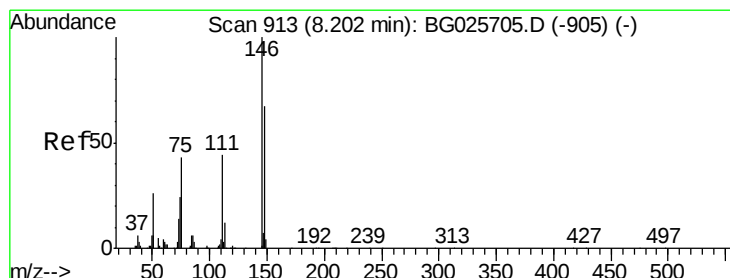
Tgt Ion:146 Resp: 116566

Ion Ratio Lower Upper

146 100

148 61.7 52.2 78.2

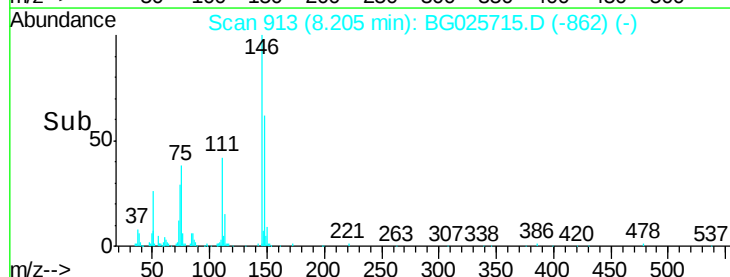
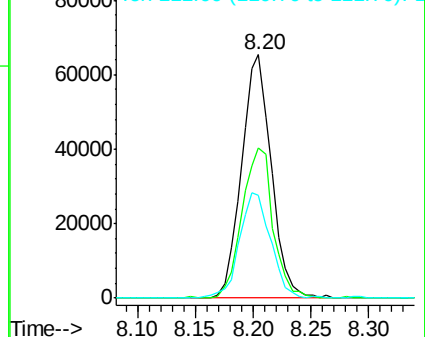
111 42.3 37.0 55.6

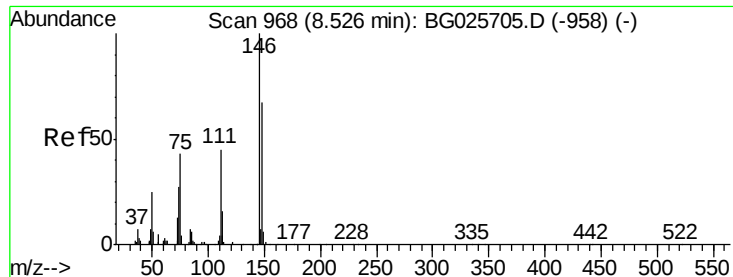


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 32.40 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.00 min

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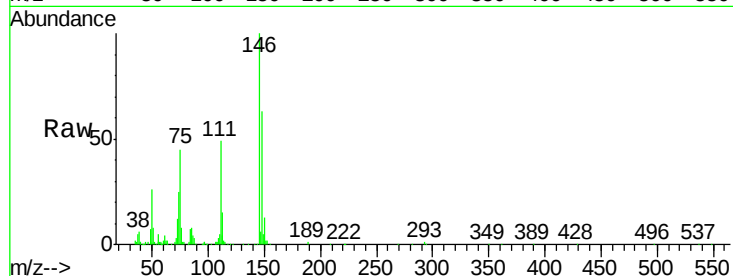
Tgt Ion:146 Resp: 167744

Ion Ratio Lower Upper

146 100

148 63.0 54.6 81.8

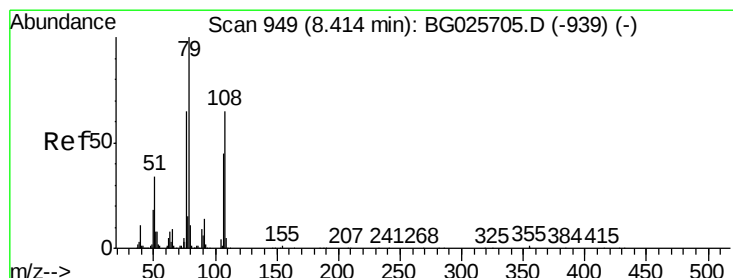
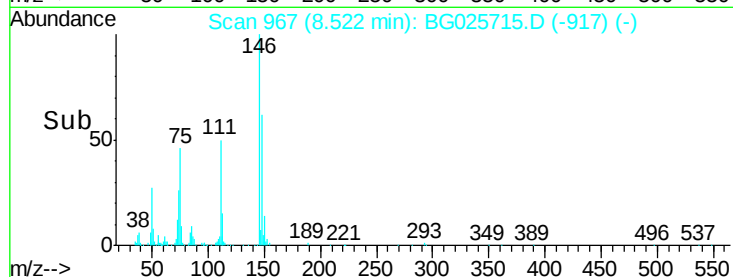
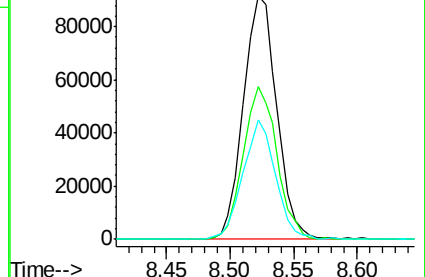
111 49.1 39.7 59.5



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: 18.66 ng

RT: 8.61 min Scan# 982

Delta R.T. 0.20 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

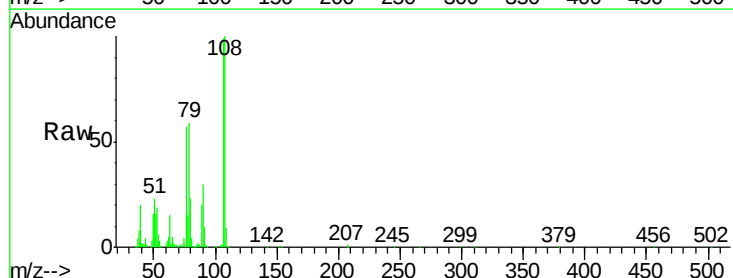
Tgt Ion: 79 Resp: 90237

Ion Ratio Lower Upper

79 100

108 170.1 45.5 68.3#

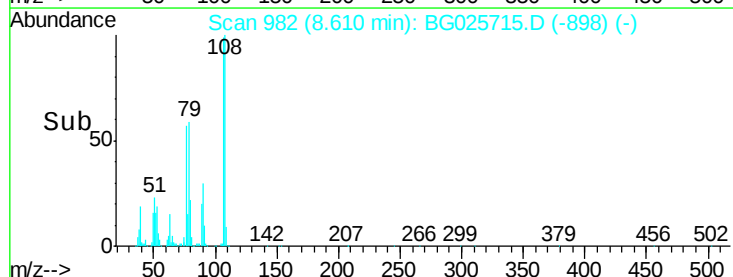
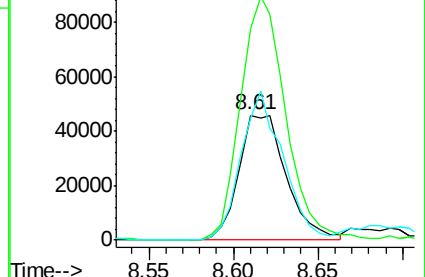
77 97.5 54.3 81.5#

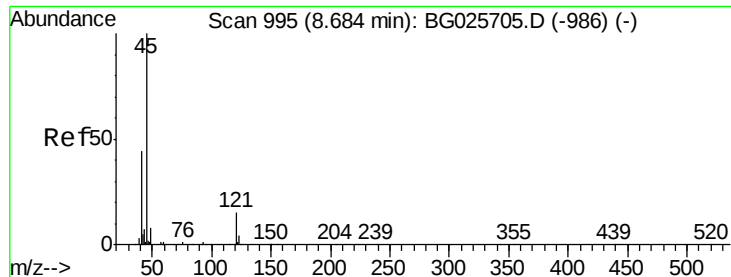


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

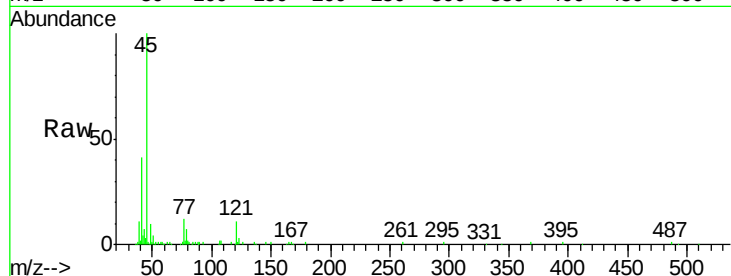




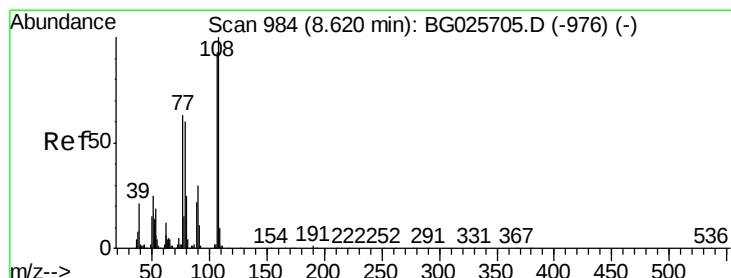
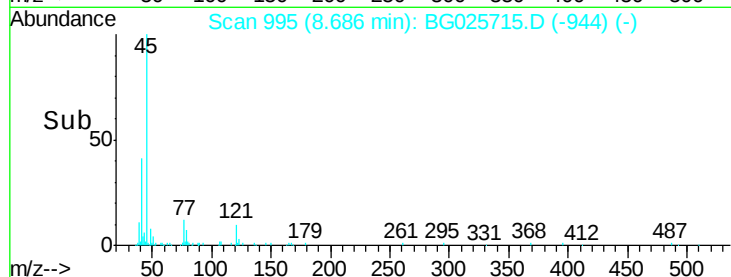
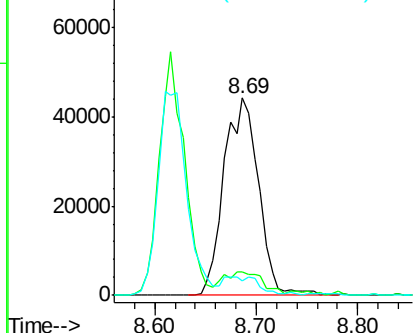
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.42 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Instrument :
BNA_G
ClientSampleId :
0024DL

Tgt Ion: 45 Resp: 104507
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.6
79 7.4 0.0 28.5

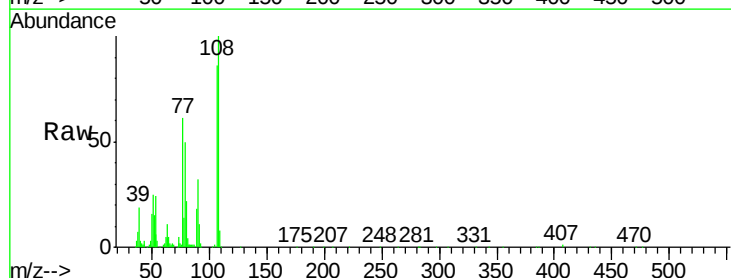


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

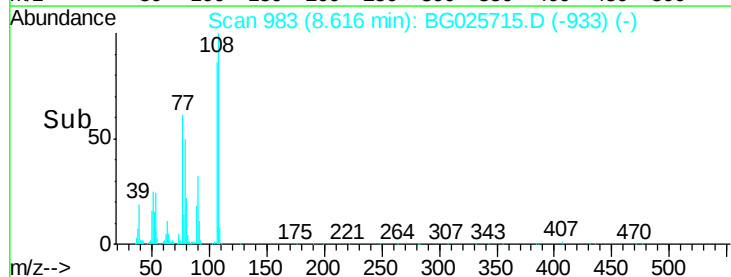
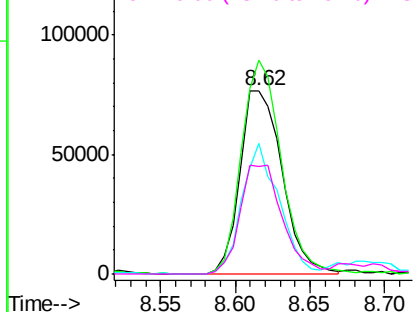


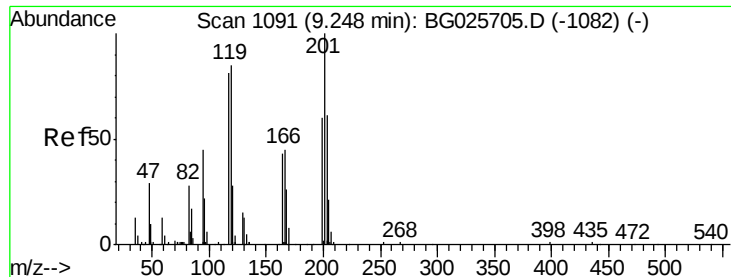
#17
2-Methylphenol
Concen: 35.07 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion: 107 Resp: 150529
Ion Ratio Lower Upper
107 100
108 116.4 85.6 128.4
77 71.0 51.4 77.2
79 58.4 49.2 73.8



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

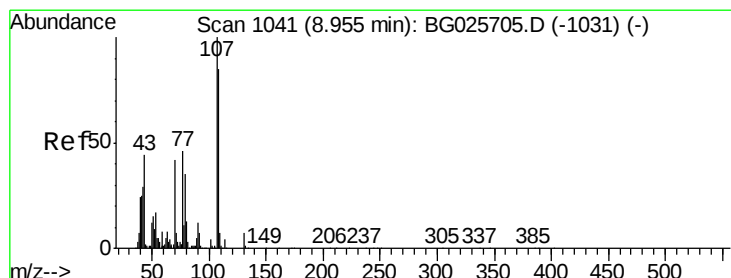
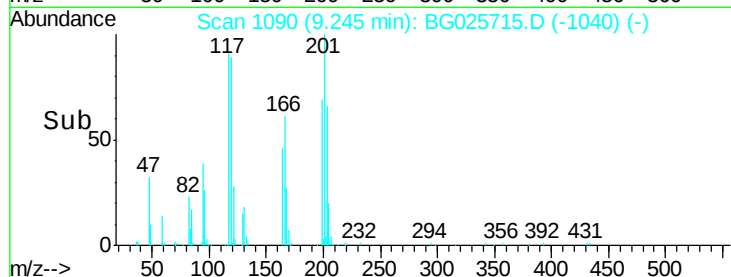
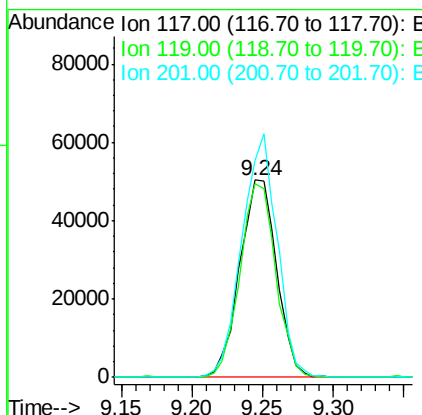
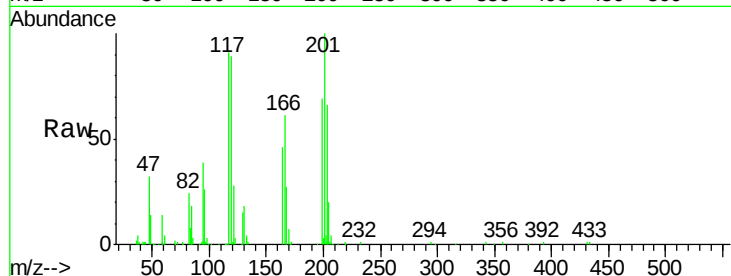




#18
Hexachloroethane
Concen: 42.01 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

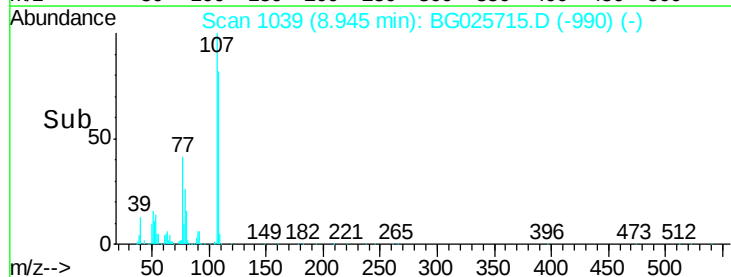
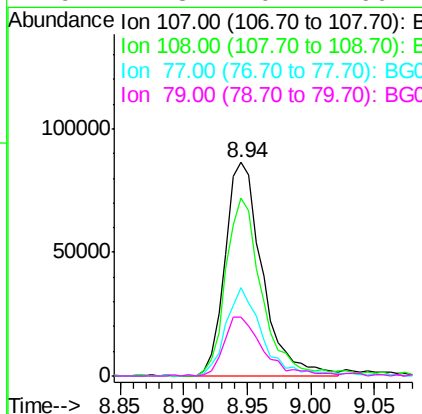
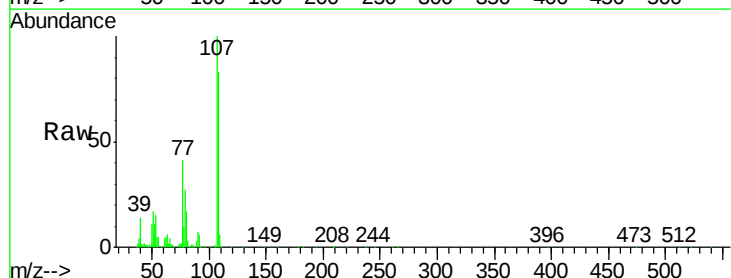
Instrument :
BNA_G
ClientSampleId :
0024DL

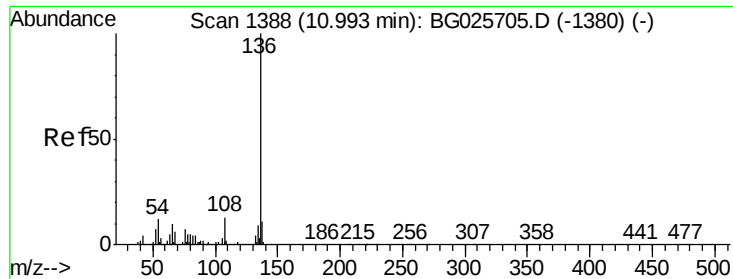
Tgt Ion:117 Resp: 92435
Ion Ratio Lower Upper
117 100
119 97.9 69.8 104.6
201 110.0 95.4 143.0



#20
3+4-Methylphenols
Concen: 29.97 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:107 Resp: 175542
Ion Ratio Lower Upper
107 100
108 83.2 70.8 110.8
77 41.4 25.8 65.8
79 27.3 20.1 60.1

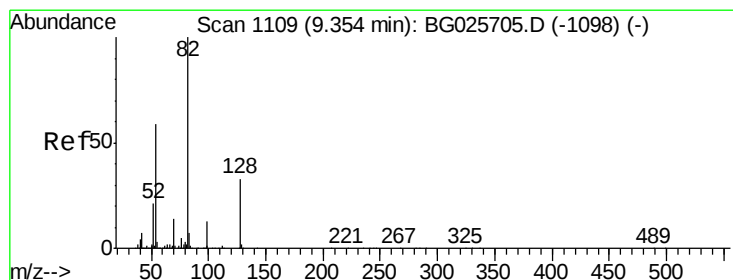
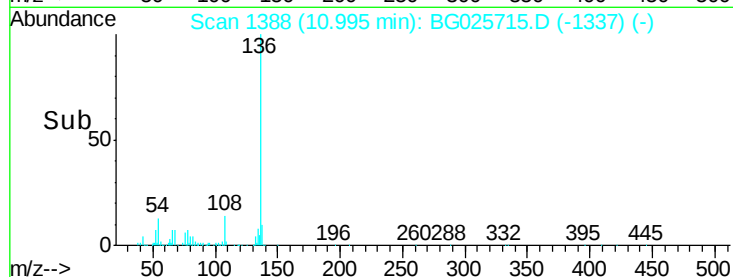
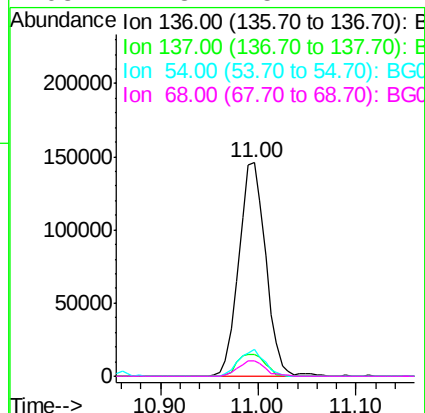
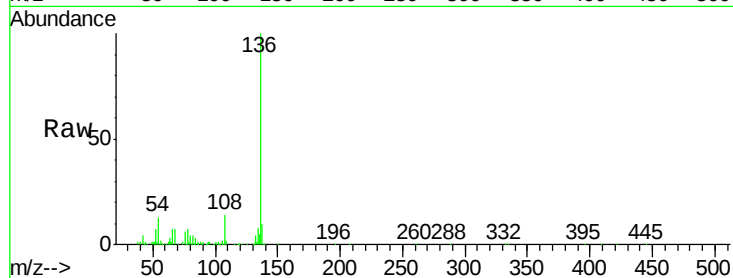




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

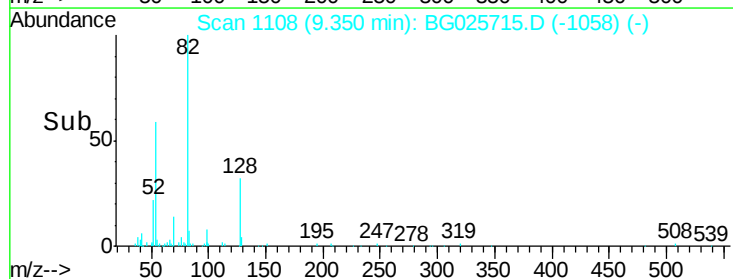
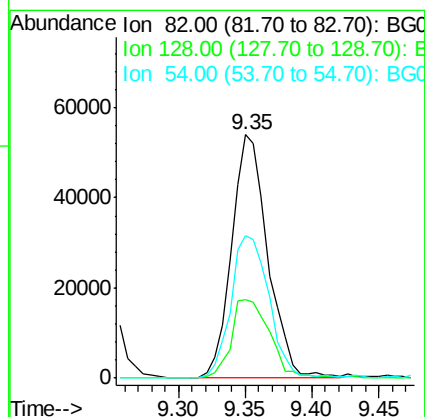
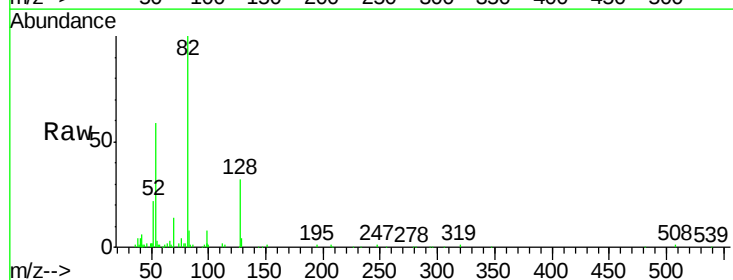
Instrument :
BNA_G
ClientSampleId :
0024DL

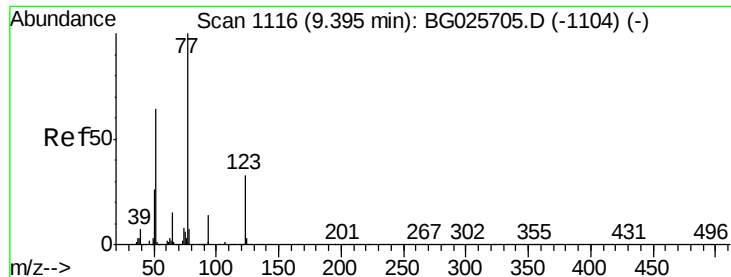
Tgt Ion:	136	Resp:	280130
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	12.8	9.3	13.9
68	7.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 15.37 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:	82	Resp:	101873
Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.4	39.6
54	58.5	49.4	74.2

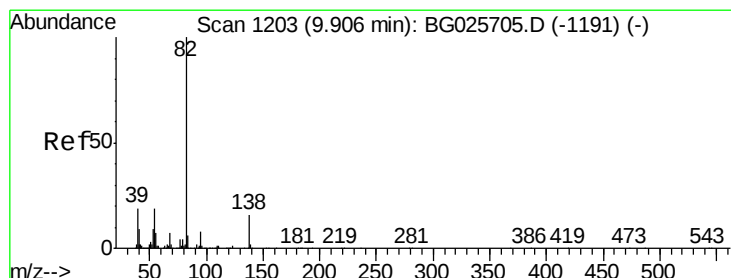
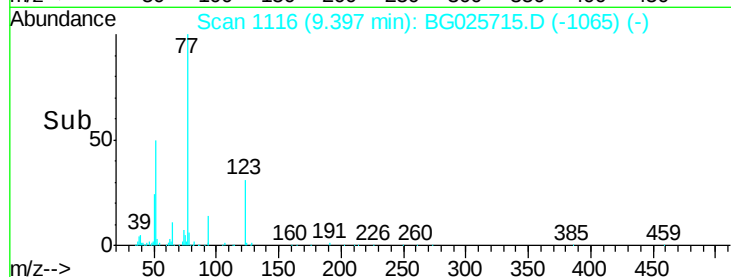
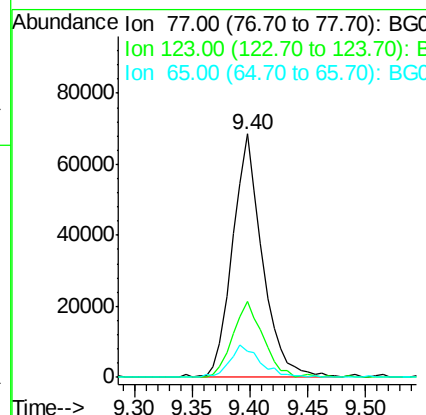
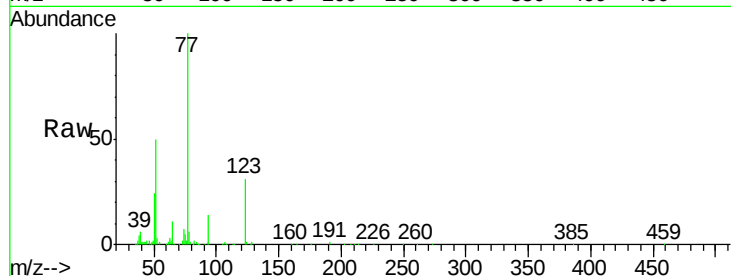




#24
 Nitrobenzene
 Concen: 16.92 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

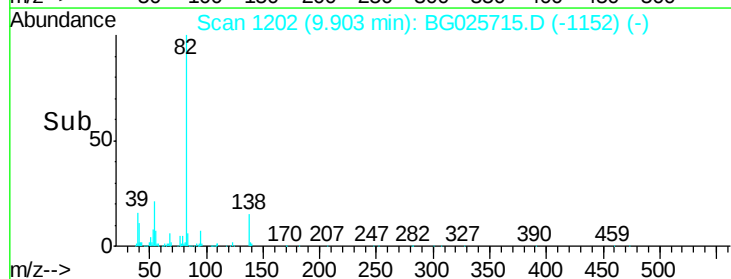
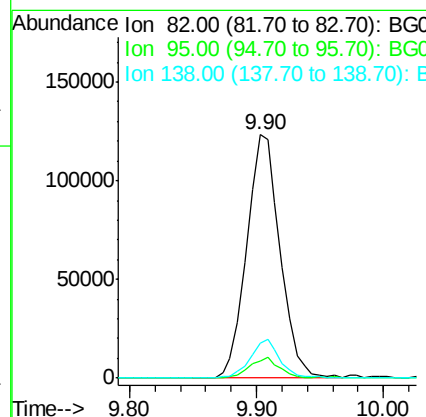
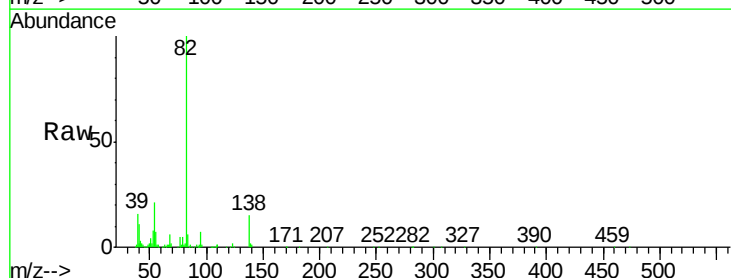
Instrument :
 BNA_G
 ClientSampleId :
 0024DL

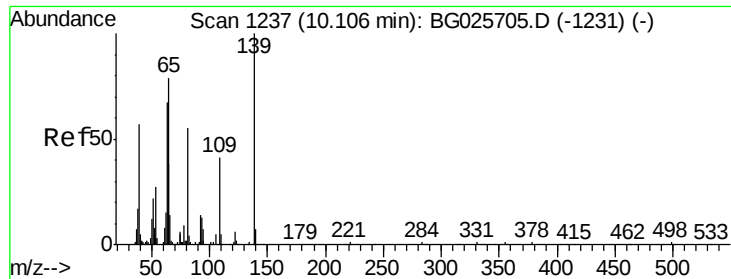
Tgt Ion: 77 Resp: 122473
 Ion Ratio Lower Upper
 77 100
 123 31.0 26.1 39.1
 65 10.7 12.4 18.6#



#25
 Isophorone
 Concen: 17.45 ng
 RT: 9.90 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

Tgt Ion: 82 Resp: 225391
 Ion Ratio Lower Upper
 82 100
 95 7.1 7.5 11.3#
 138 14.6 12.3 18.5

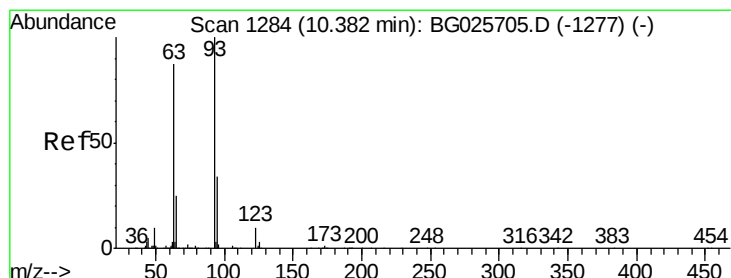
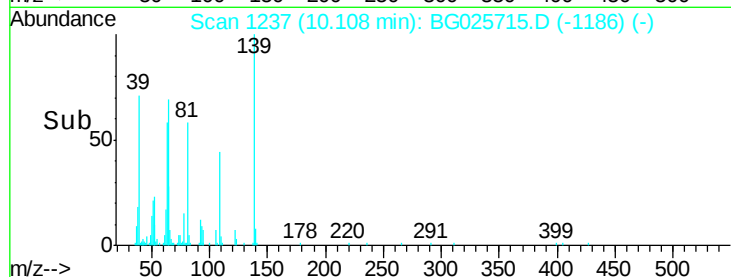
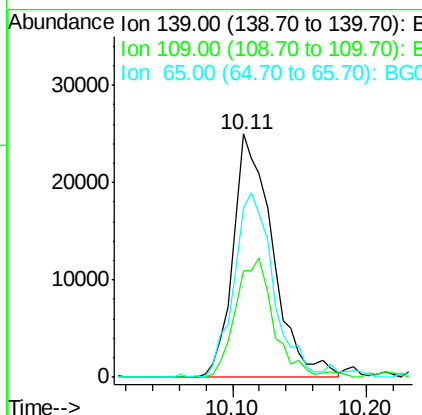
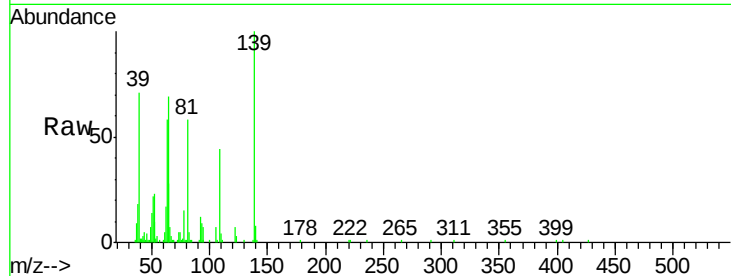




#26
2-Nitrophenol
Concen: 20.03 ng
RT: 10.11 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

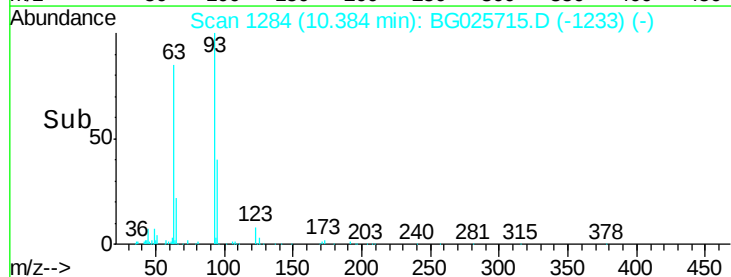
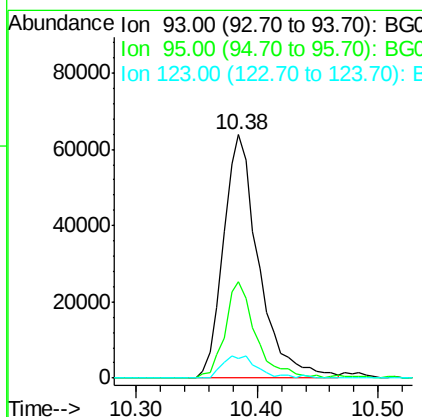
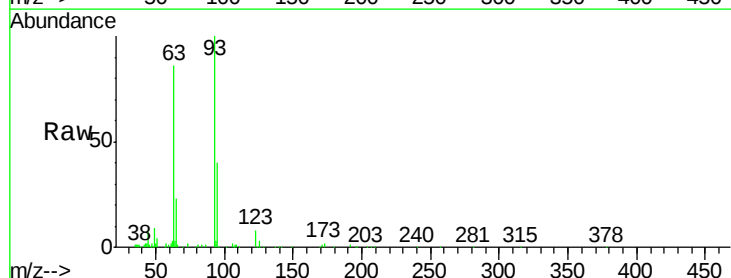
Instrument :
BNA_G
ClientSampleId :
0024DL

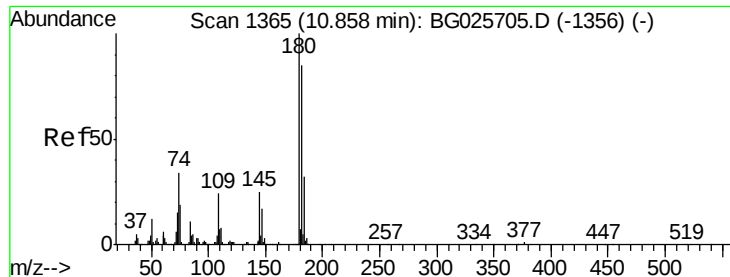
Tgt Ion:139 Resp: 51378
Ion Ratio Lower Upper
139 100
109 44.0 38.6 58.0
65 69.3 57.1 85.7



#28
bis(2-Chloroethoxy)methane
Concen: 18.88 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion: 93 Resp: 129123
Ion Ratio Lower Upper
93 100
95 39.7 25.7 38.5#
123 8.3 8.3 12.5#

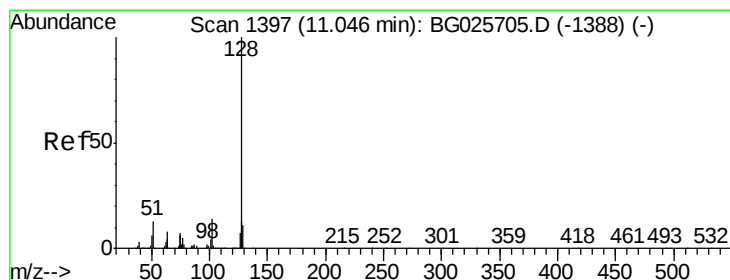
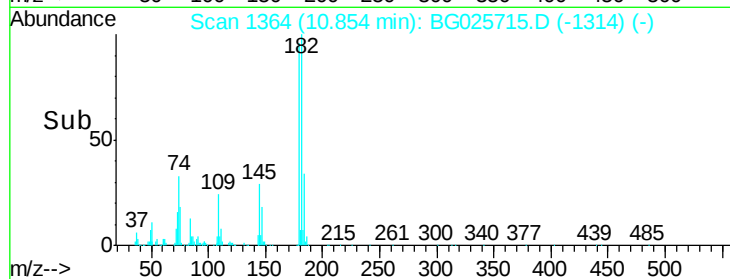
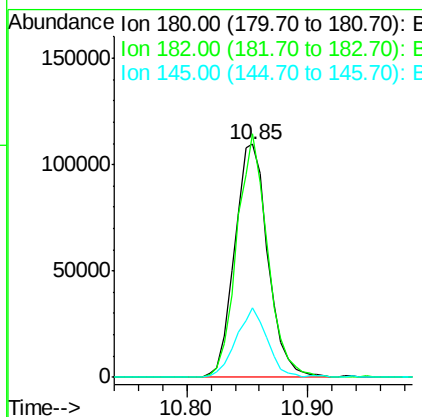
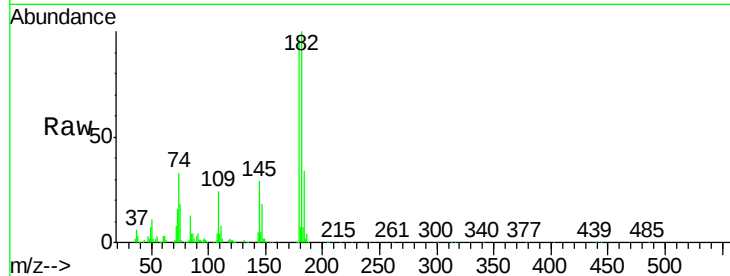




#30
1,2,4-Trichlorobenzene
Concen: 39.50 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

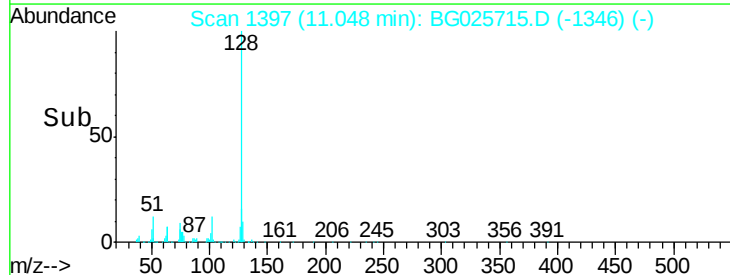
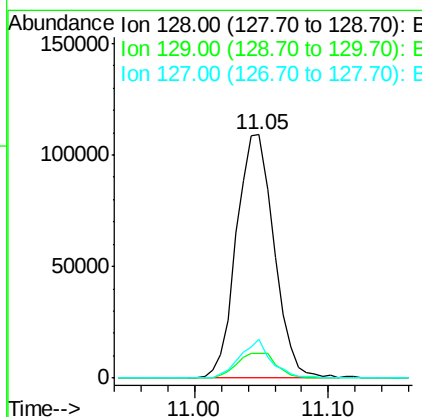
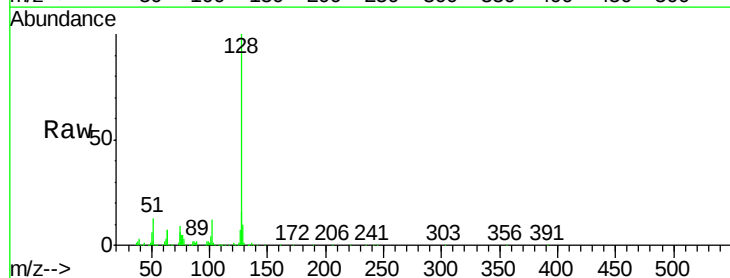
Instrument :
BNA_G
ClientSampleId :
0024DL

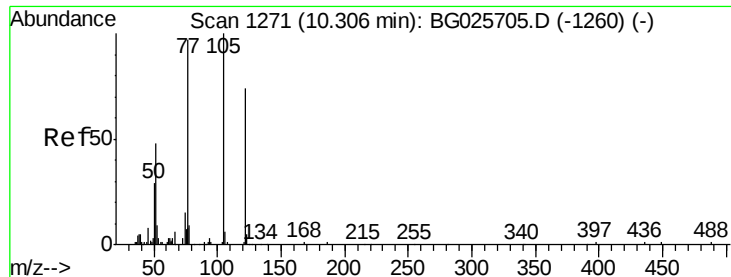
Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.6	77.0	115.4
145	29.8	23.4	35.0



#31
Naphthalene
Concen: 14.68 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.3	13.9
127	16.0	11.4	17.0





#32

Benzoic acid

Concen: 7.97 ng

RT: 10.23 min Scan# 1257

Delta R.T. -0.08 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

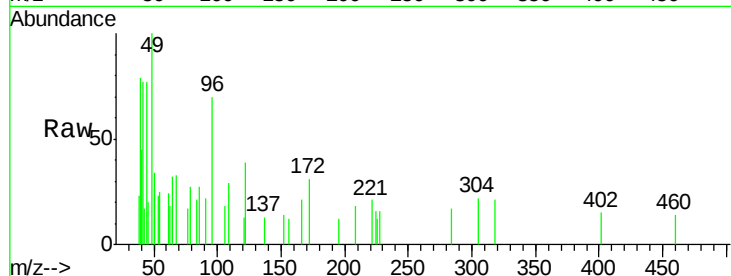
Tgt Ion:122 Resp: 267

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

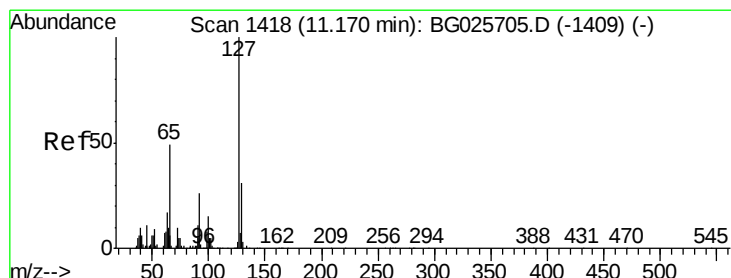
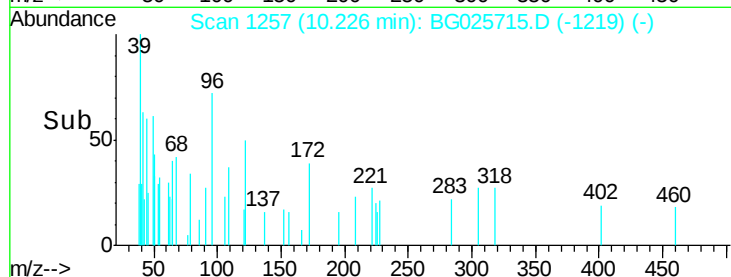
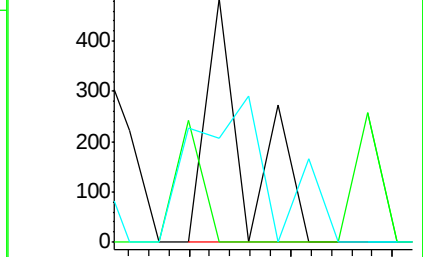
77 43.0 104.6 144.6#



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: 4.70 ng

RT: 11.05 min Scan# 1397

Delta R.T. -0.12 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Tgt Ion:127 Resp: 28424

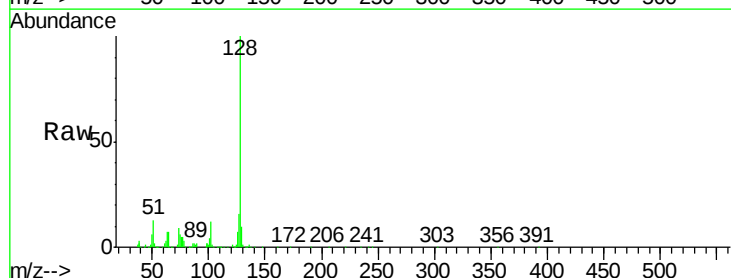
Ion Ratio Lower Upper

127 100

129 62.2 23.6 35.4#

65 1.7 37.7 56.5#

92 0.0 17.6 26.4#

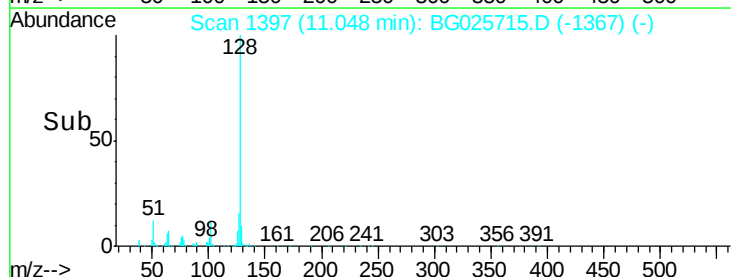
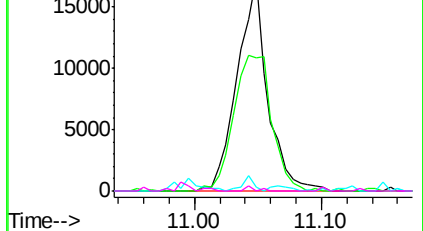


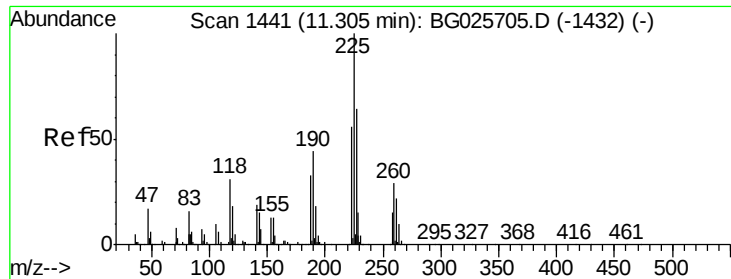
Abundance Ion 127.00 (126.70 to 127.70): E

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





#34

Hexachlorobutadiene

Concen: 10.01 ng

RT: 11.30 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

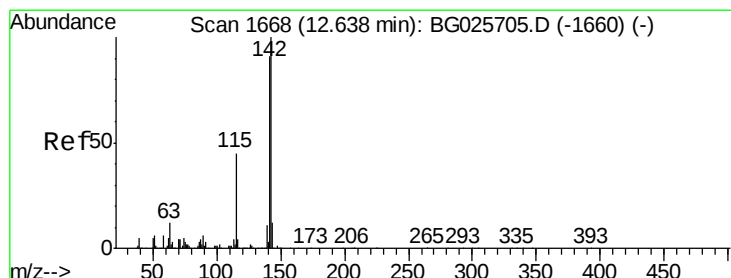
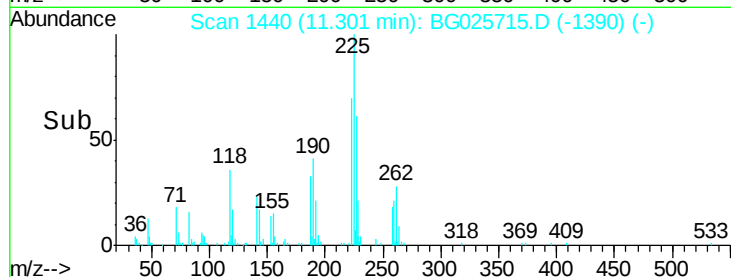
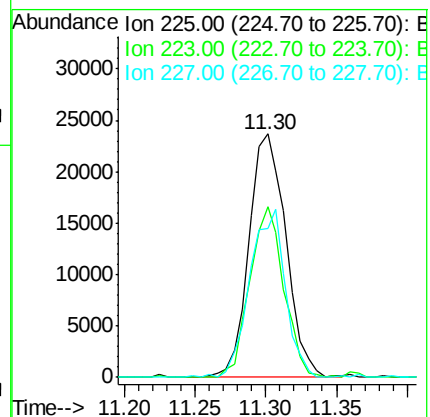
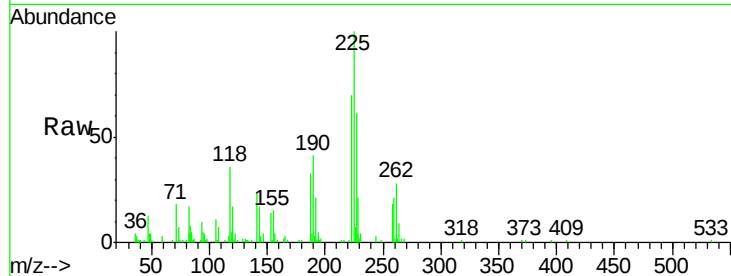
Tgt Ion:225 Resp: 43450

Ion Ratio Lower Upper

225 100

223 69.9 50.7 76.1

227 61.2 49.0 73.6



#37

2-Methylnaphthalene

Concen: 36.95 ng

RT: 12.64 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

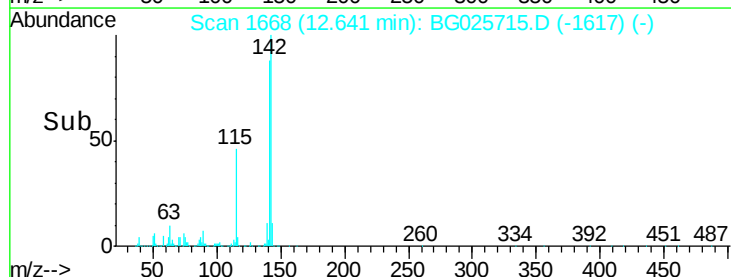
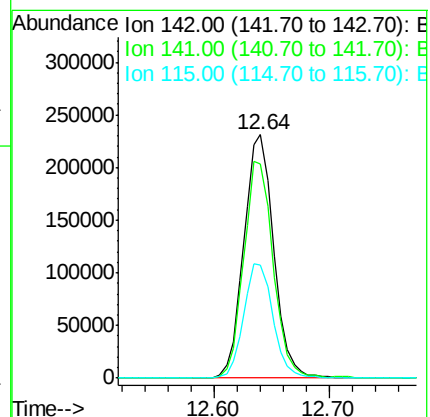
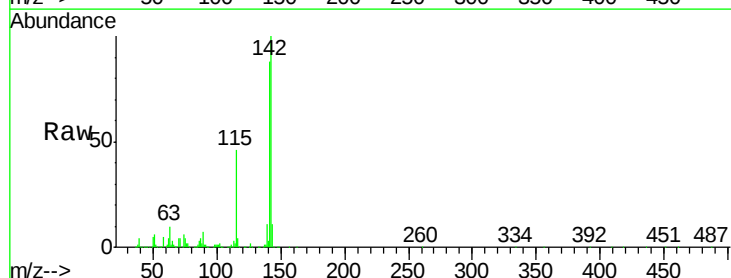
Tgt Ion:142 Resp: 414886

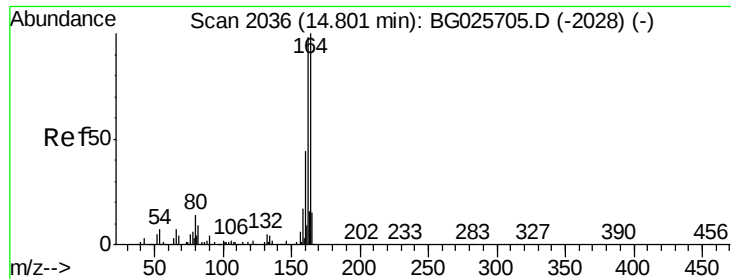
Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

115 46.5 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

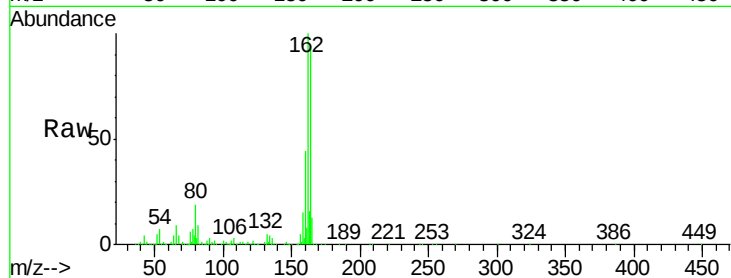
Tgt Ion:164 Resp: 223576

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

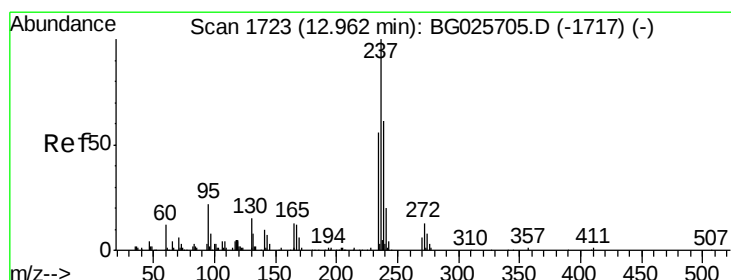
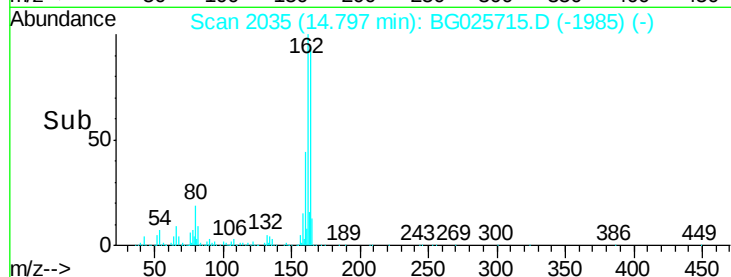
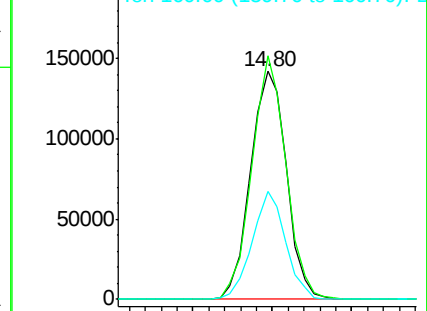
160 47.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 12.98 min Scan# 1726

Delta R.T. 0.02 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

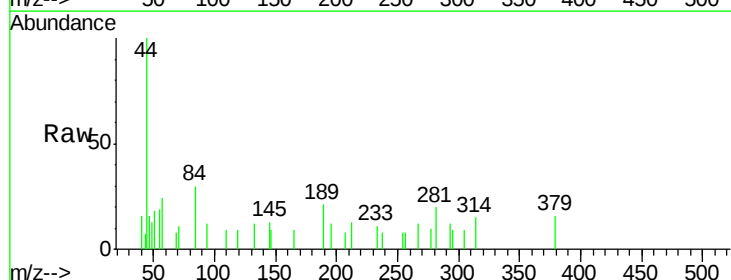
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

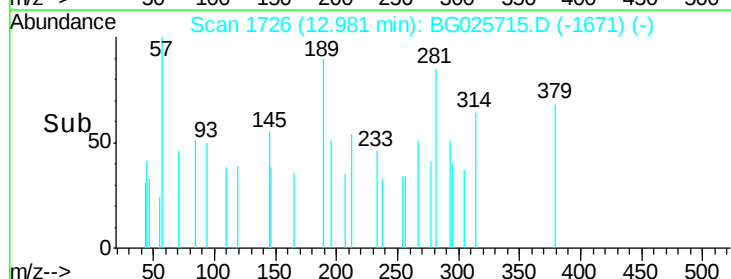
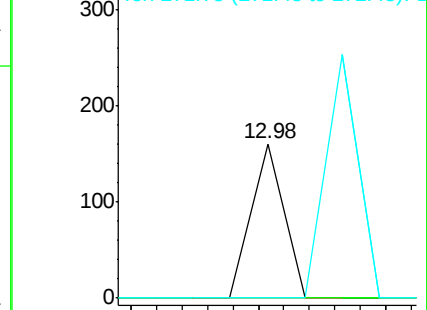
272 0.0 0.0 32.0

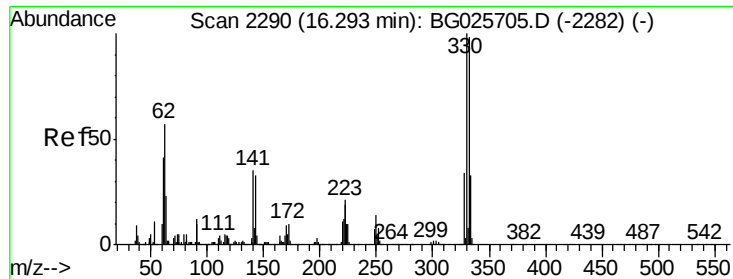


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 26.52 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

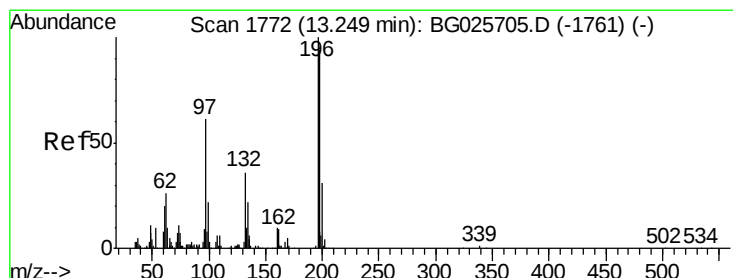
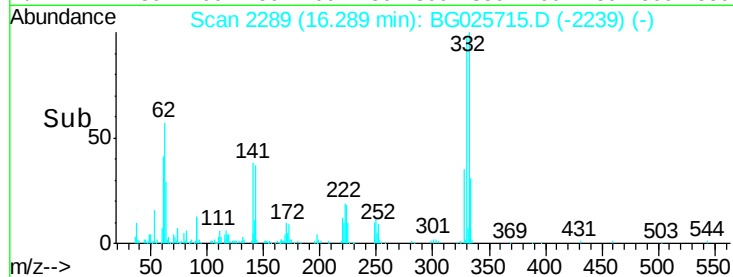
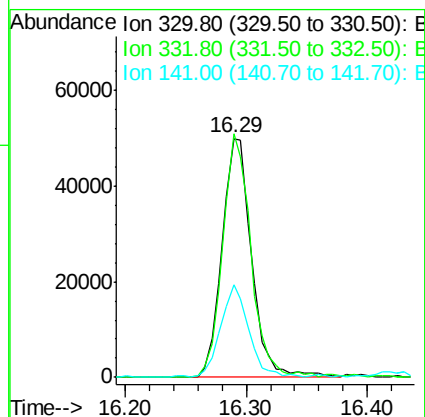
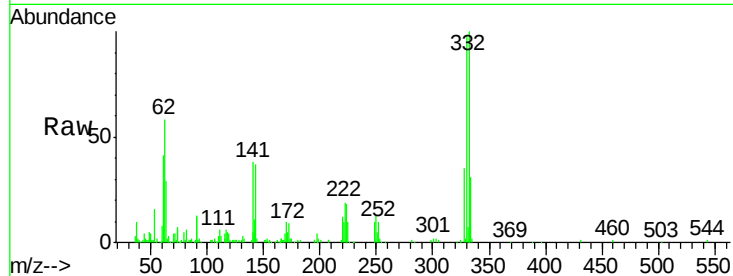
Instrument :

BNA_G

ClientSampleId :

0024DL

Tgt Ion:	330	Resp:	84562
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	36.9	32.1	48.1



#42

2,4,6-Trichlorophenol

Concen: 31.77 ng

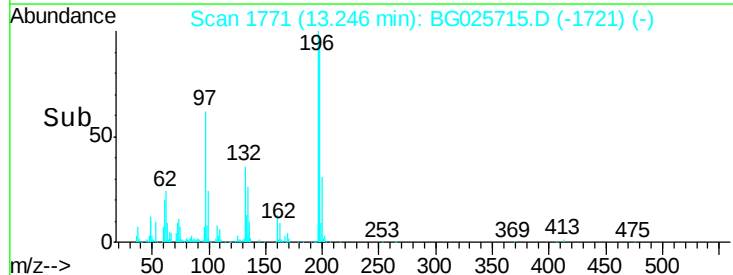
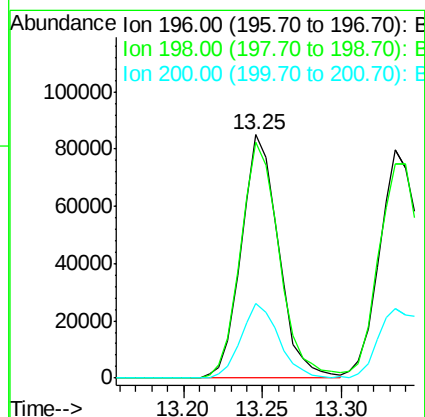
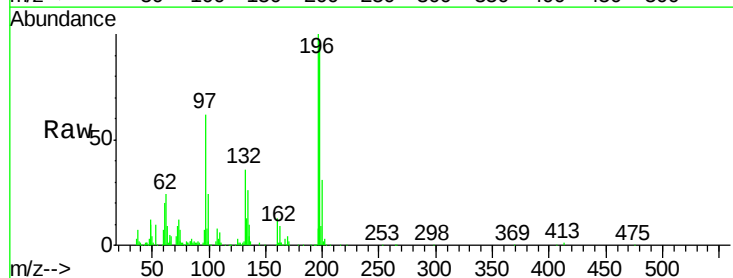
RT: 13.25 min Scan# 1771

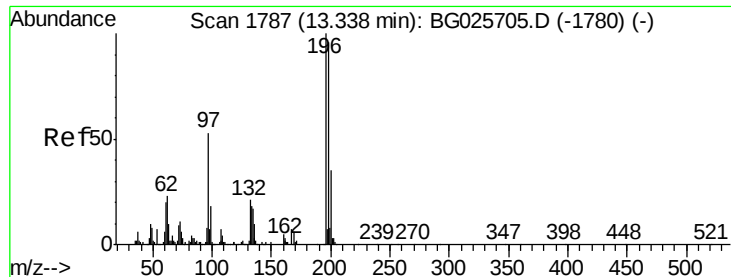
Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Tgt Ion:	196	Resp:	139243
Ion Ratio	Lower	Upper	
196	100		
198	96.7	81.4	122.2
200	30.6	27.0	40.6

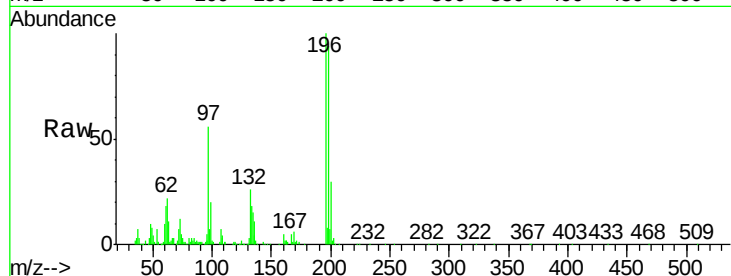




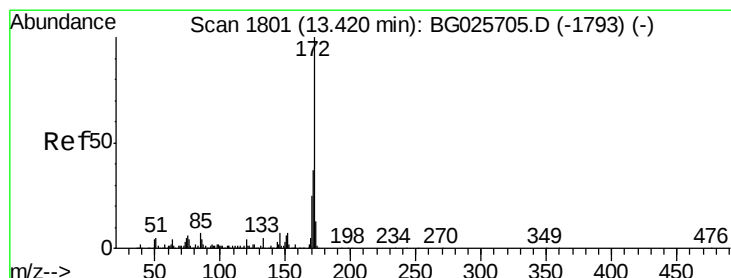
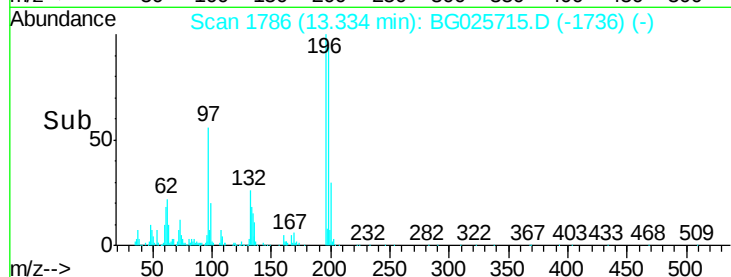
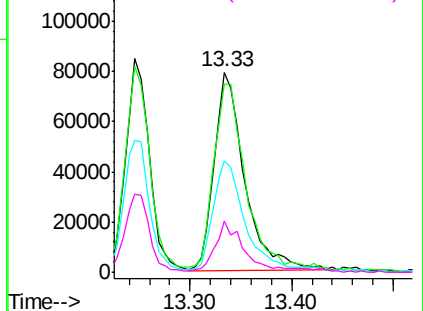
#43
 2,4,5-Trichlorophenol
 Concen: 34.98 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

Instrument :
 BNA_G
 ClientSampleId :
 0024DL

Tgt Ion:	196	Resp:	165520
Ion	Ratio	Lower	Upper
196	100		
198	94.1	79.9	119.9
97	55.6	45.4	68.0
132	25.5	20.7	31.1

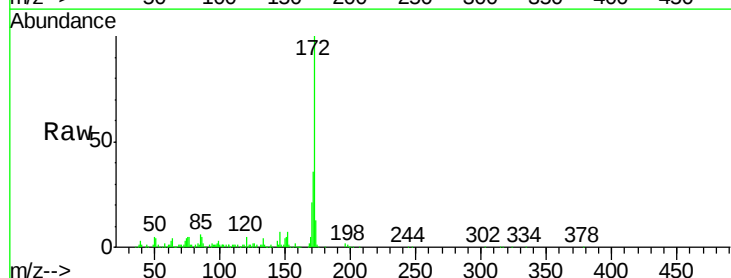


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

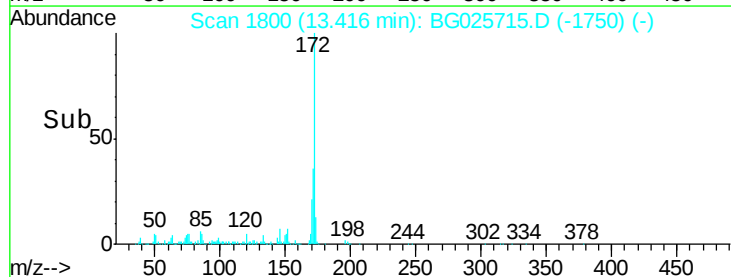
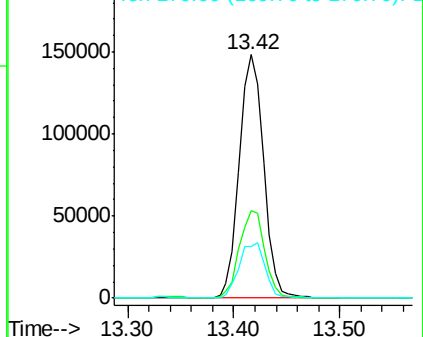


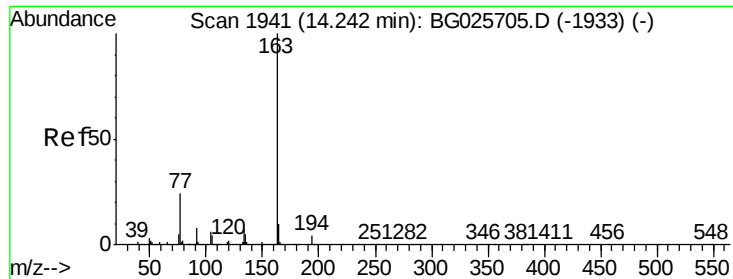
#44
 2-Fluorobiphenyl
 Concen: 17.24 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

Tgt Ion:	172	Resp:	237295
Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	21.0	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

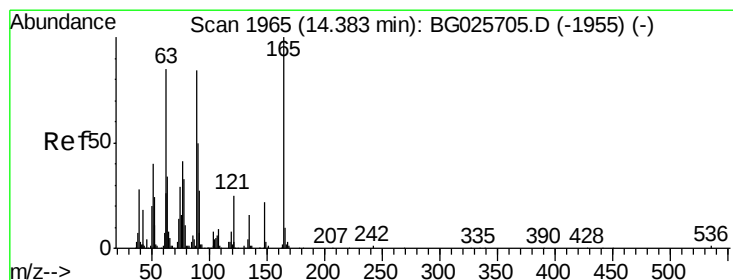
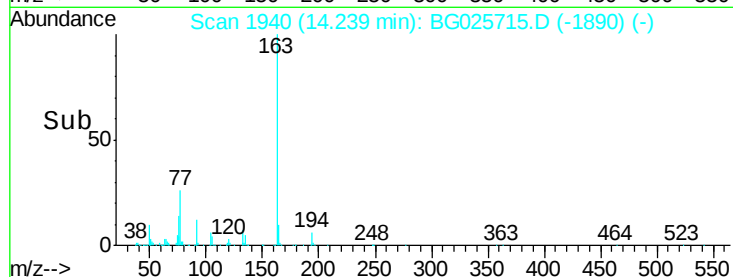
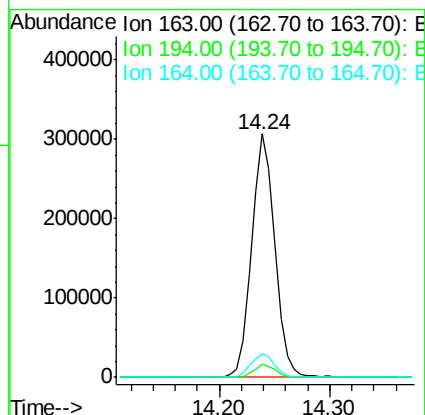
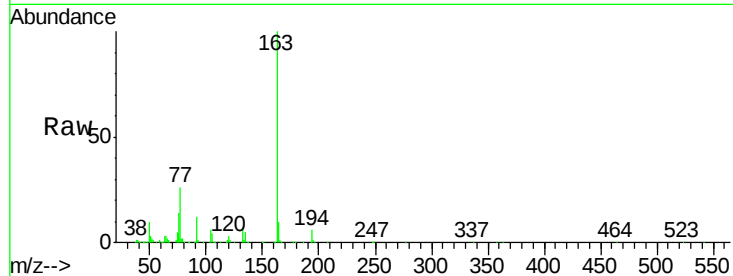




#49
Dimethylphthalate
Concen: 26.92 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

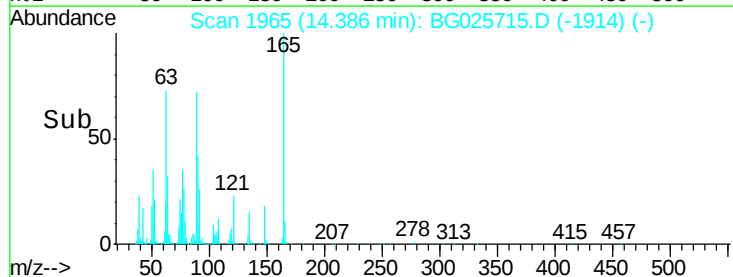
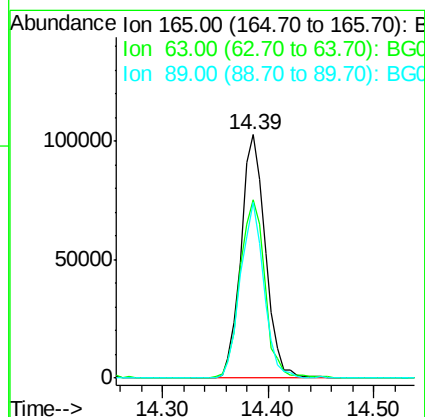
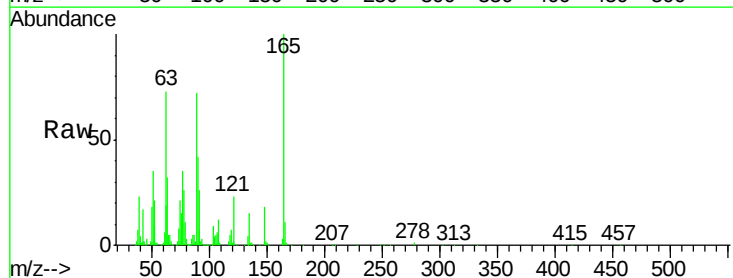
Instrument :
BNA_G
ClientSampleId :
0024DL

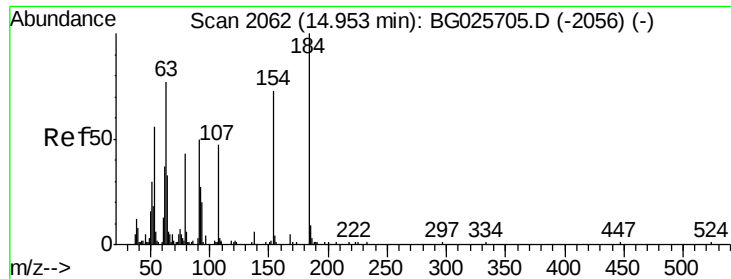
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.8	5.6
164	9.8	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 42.94 ng
RT: 14.39 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.4	63.9	95.9
89	72.0	58.6	88.0

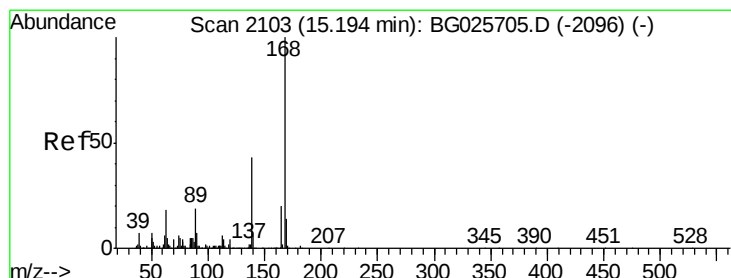
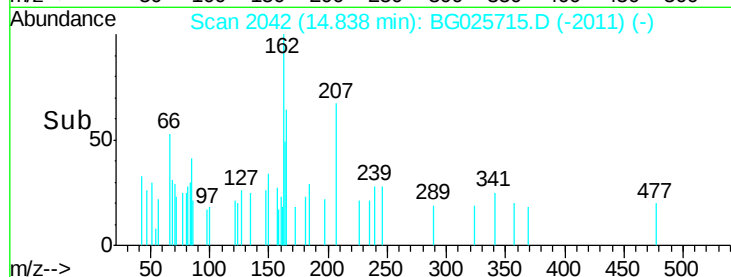
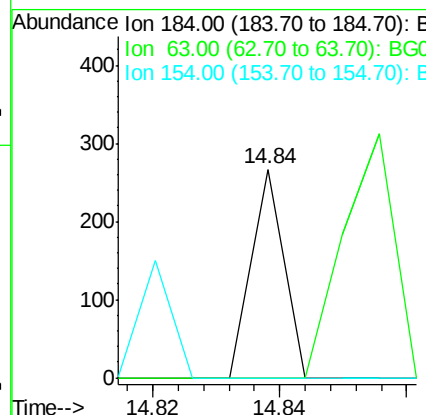
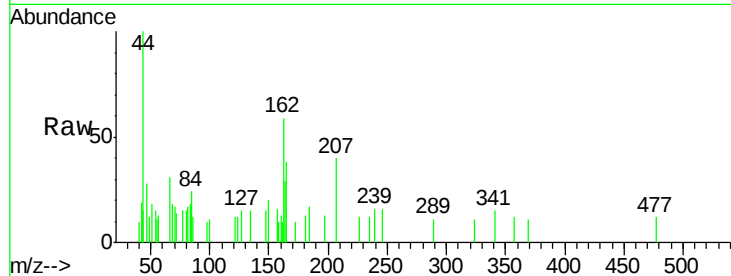




#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.11 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

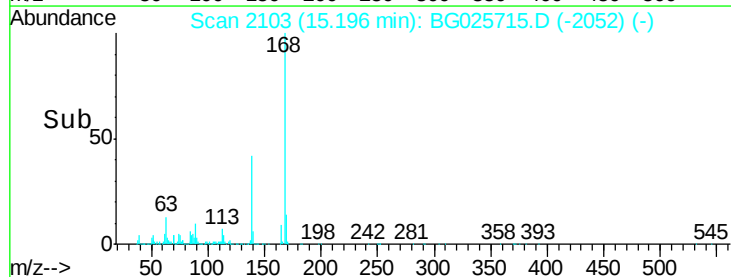
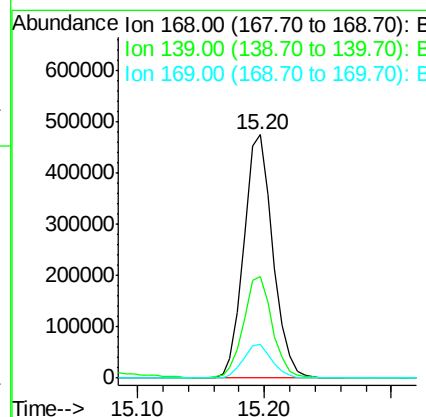
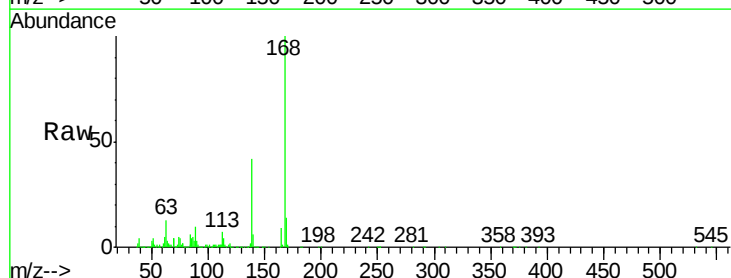
Instrument :
BNA_G
ClientSampleId :
0024DL

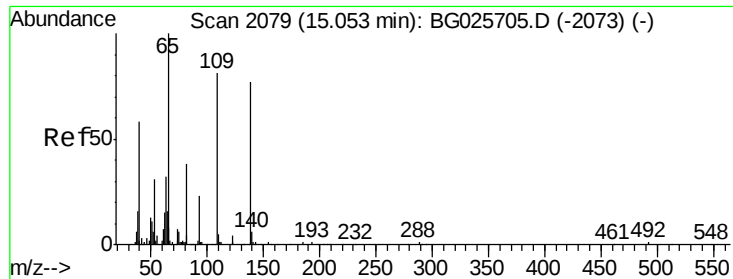
Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#54
Dibenzofuran
Concen: 39.55 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:168 Resp: 750364
Ion Ratio Lower Upper
168 100
139 41.7 35.3 52.9
169 13.8 11.5 17.3

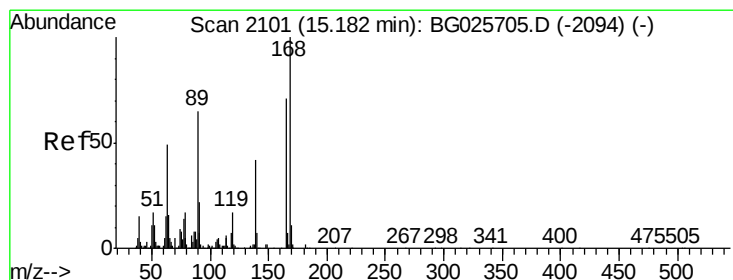
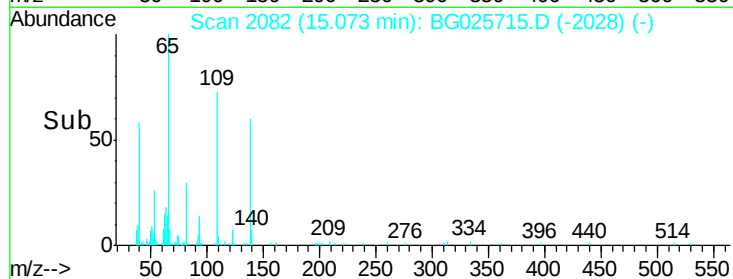
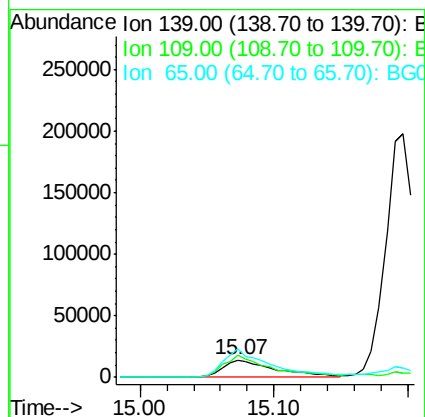
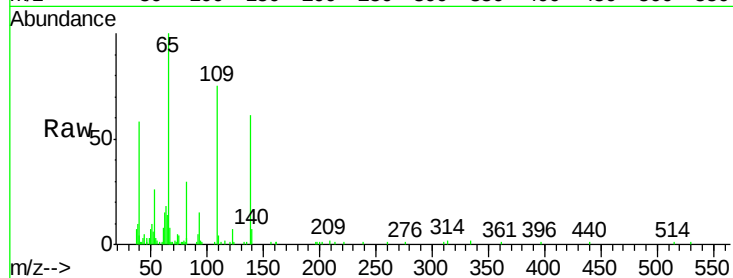




#55
4-Nitrophenol
Concen: 18.83 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

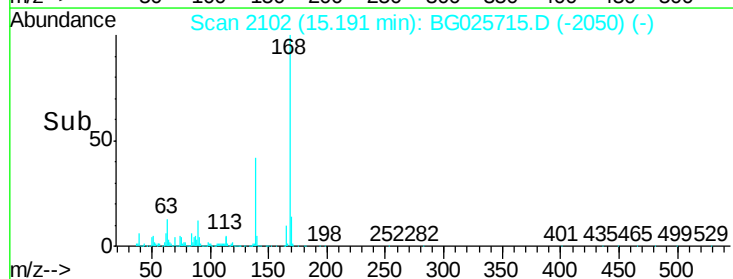
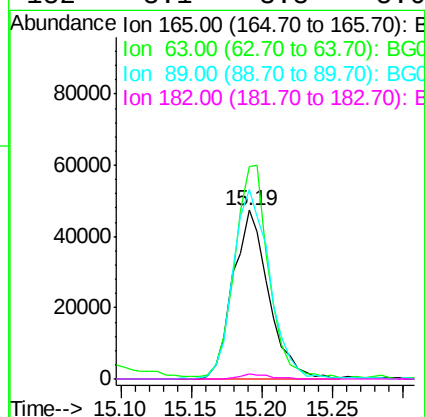
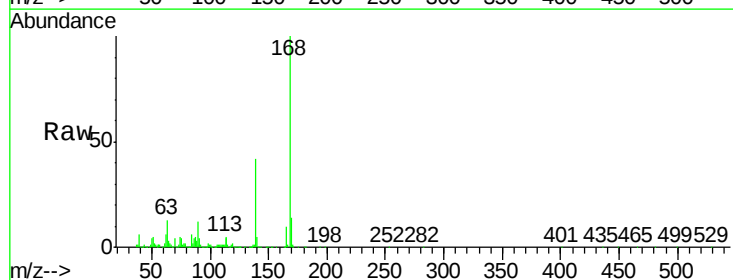
Instrument :
BNA_G
ClientSampleId :
0024DL

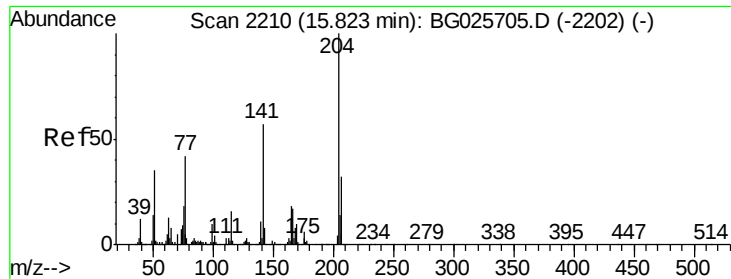
Tgt Ion:139 Resp: 39597
Ion Ratio Lower Upper
139 100
109 123.9 101.2 141.2
65 164.6 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 14.94 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:165 Resp: 83364
Ion Ratio Lower Upper
165 100
63 126.4 44.0 66.0#
89 112.2 67.3 100.9#
182 3.1 3.8 5.6#

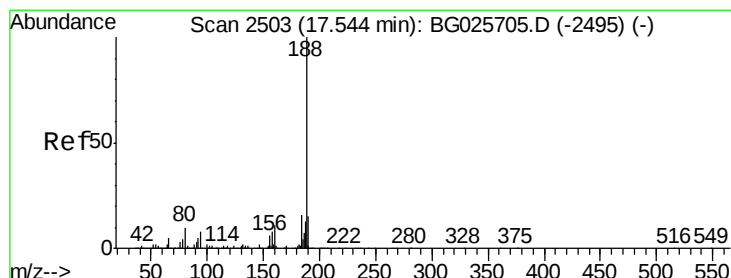
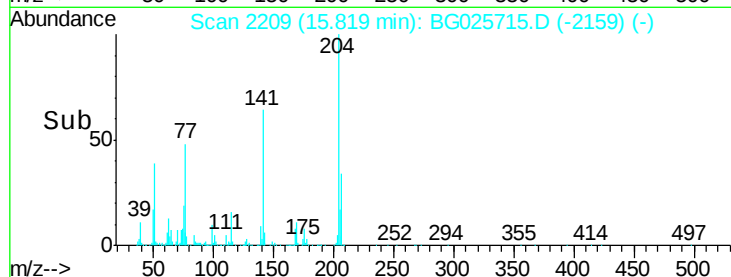
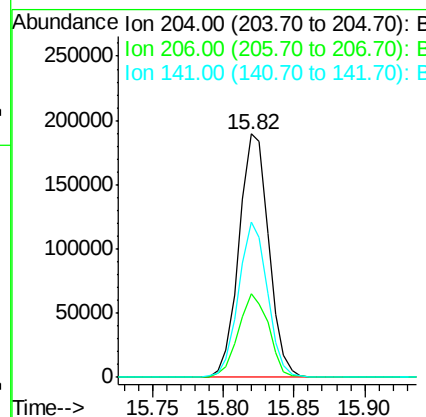
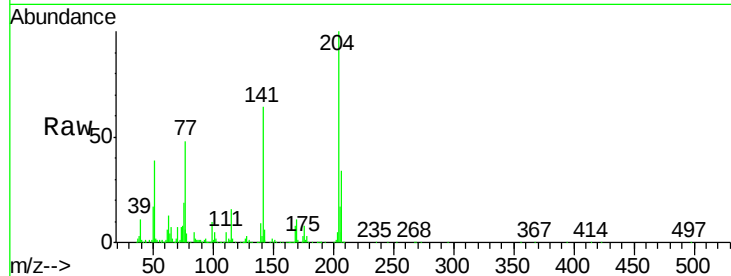




#60
 4-Chlorophenyl-phenylether
 Concen: 30.48 ng
 RT: 15.82 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

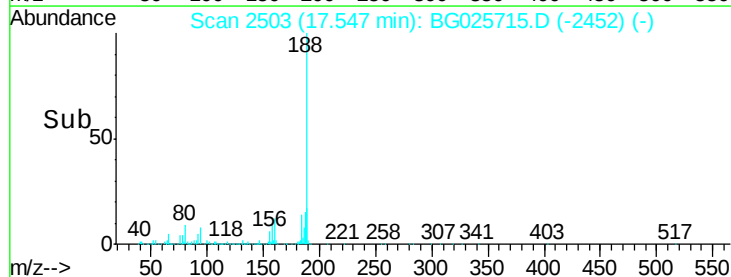
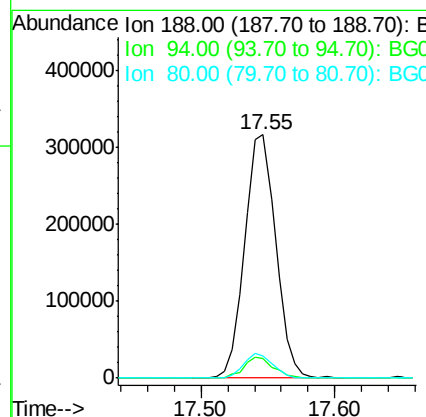
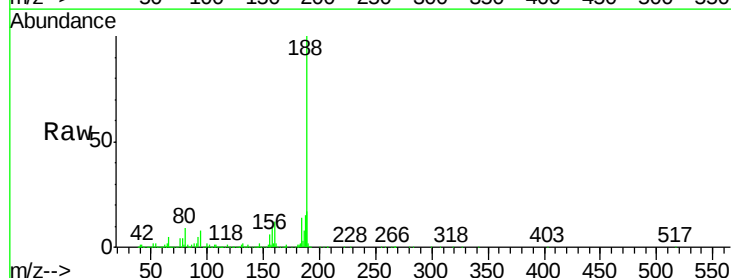
Instrument :
 BNA_G
 ClientSampleId :
 0024DL

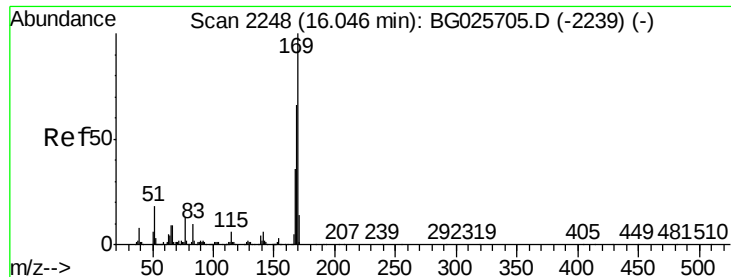
Tgt Ion: 204 Resp: 278531
 Ion Ratio Lower Upper
 204 100
 206 34.2 30.1 45.1
 141 63.6 50.6 76.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

Tgt Ion: 188 Resp: 507585
 Ion Ratio Lower Upper
 188 100
 94 8.3 5.8 8.8
 80 9.3 7.5 11.3





#65

n-Nitrosodiphenylamine

Concen: 2.05 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.23 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

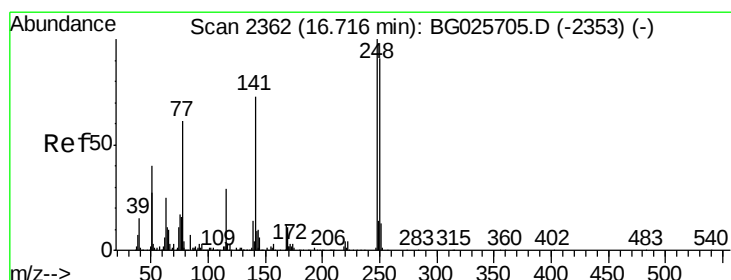
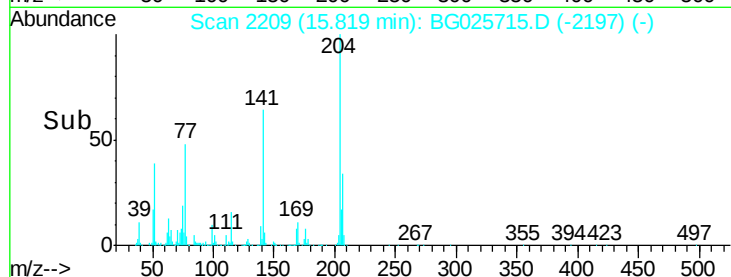
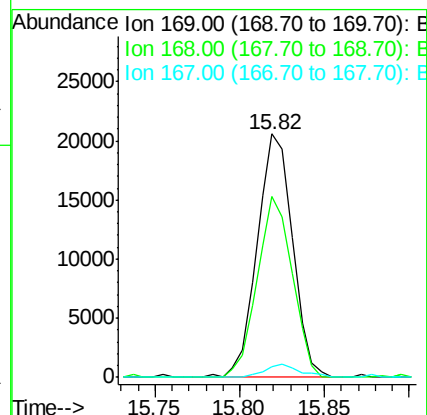
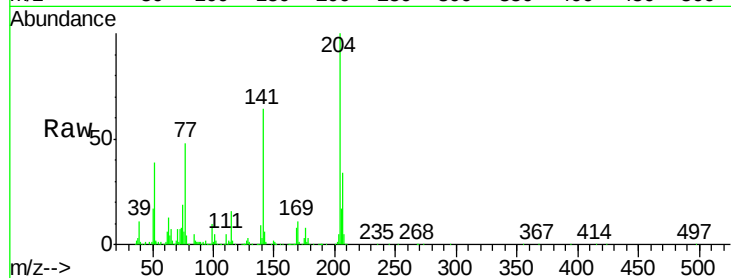
Tgt Ion:169 Resp: 29890

Ion Ratio Lower Upper

169 100

168 74.3 55.7 83.5

167 4.5 29.8 44.6#



#66

4-Bromophenyl-phenylether

Concen: 47.29 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

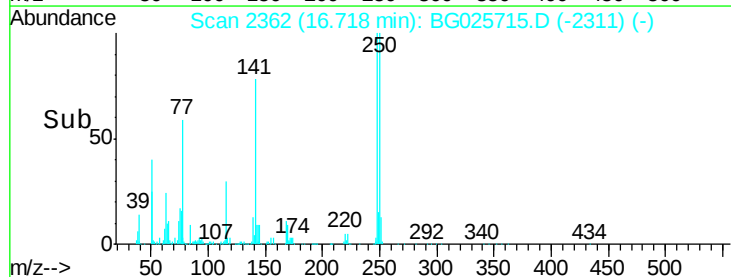
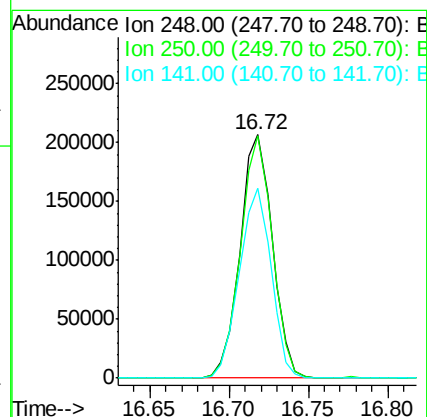
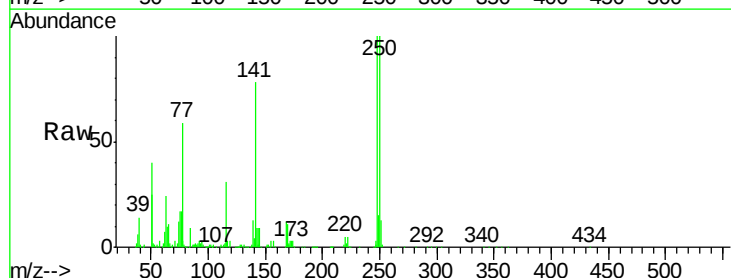
Tgt Ion:248 Resp: 291949

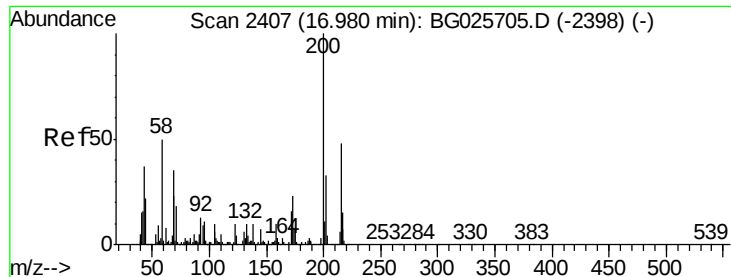
Ion Ratio Lower Upper

248 100

250 99.8 75.0 112.6

141 78.2 55.2 82.8





#68

Atrazine

Concen: 3.27 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.22 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

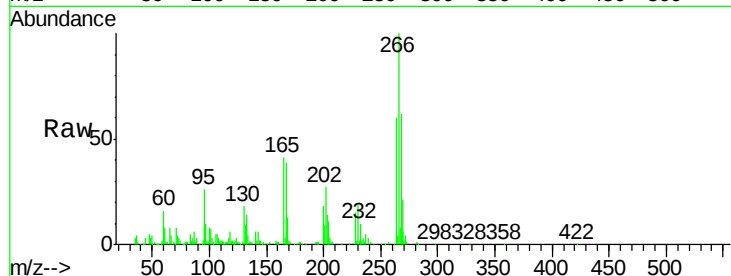
Tgt Ion:200 Resp: 23505

Ion Ratio Lower Upper

200 100

173 0.0 3.0 43.0#

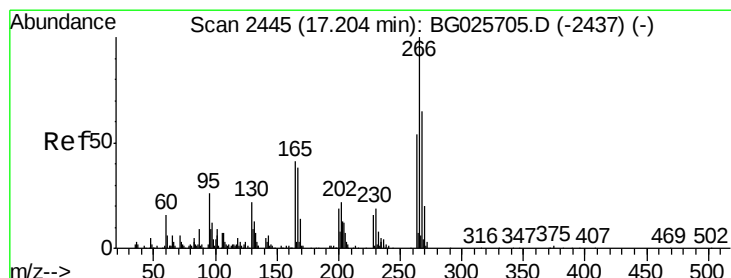
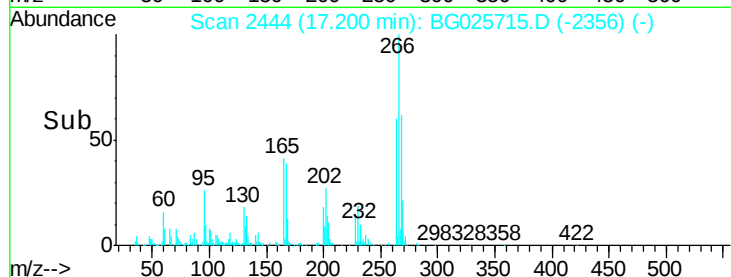
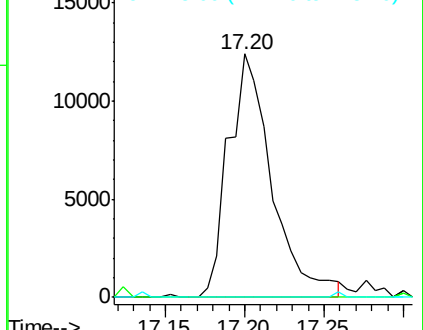
215 0.0 28.4 68.4#



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: 43.61 ng

RT: 17.20 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

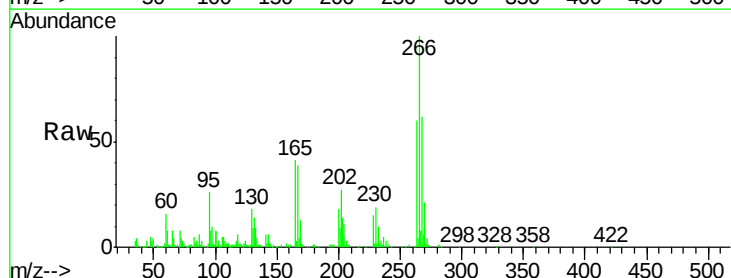
Tgt Ion:266 Resp: 133015

Ion Ratio Lower Upper

266 100

268 61.7 48.6 72.8

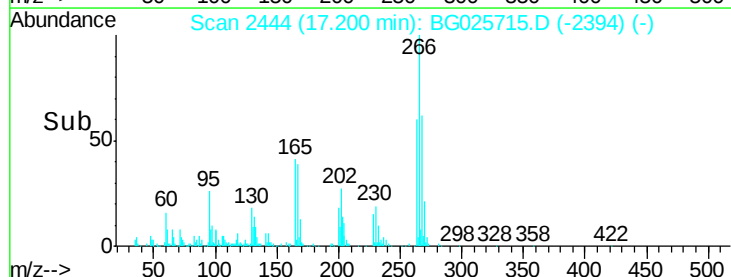
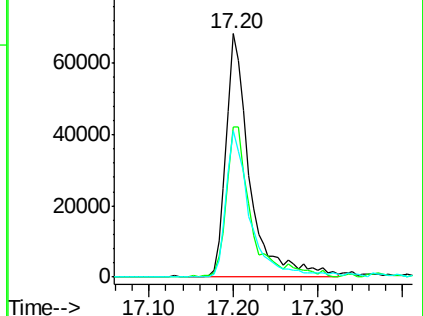
264 60.0 50.1 75.1

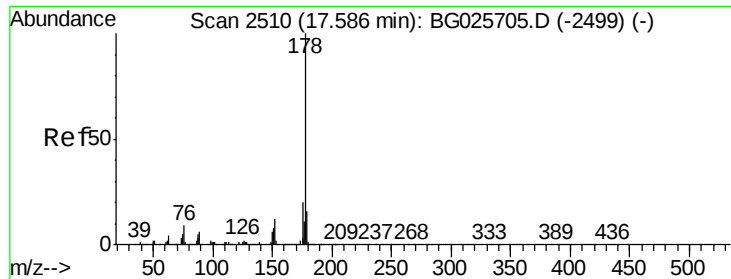


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 21.97 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

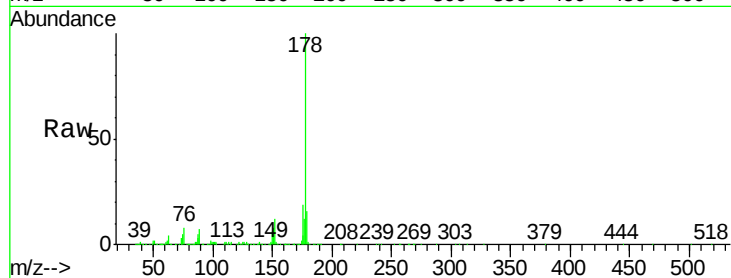
Tgt Ion:178 Resp: 605848

Ion Ratio Lower Upper

178 100

176 18.8 17.7 26.5

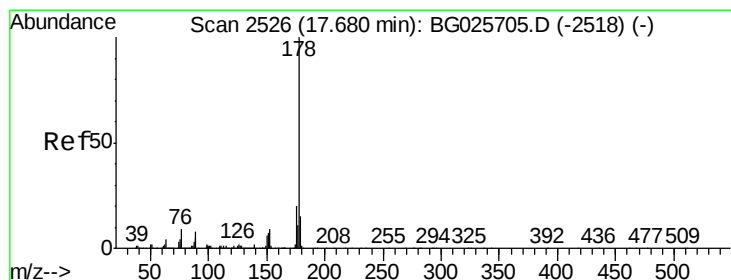
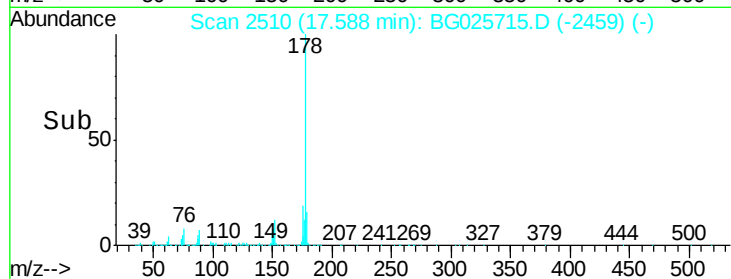
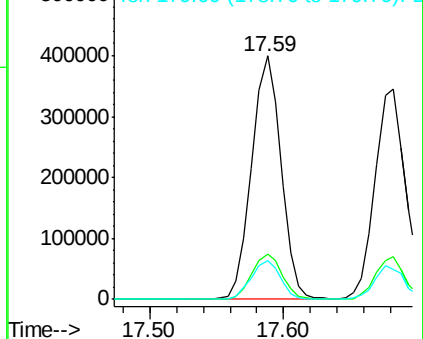
179 15.8 15.0 22.6



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: 19.26 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

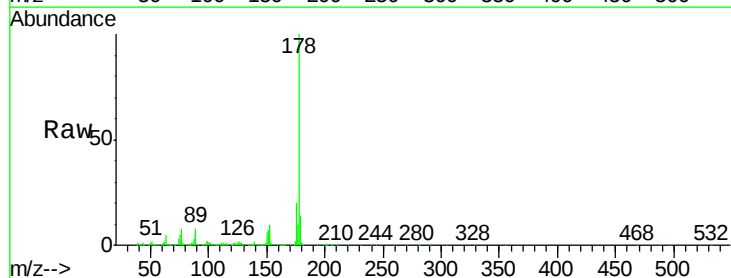
Tgt Ion:178 Resp: 547804

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

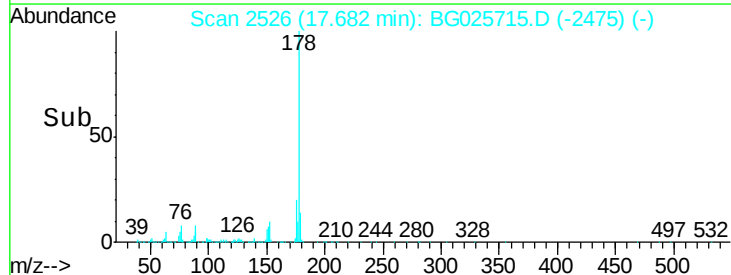
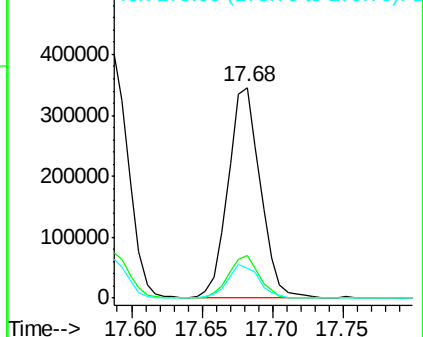
179 14.5 13.8 20.8

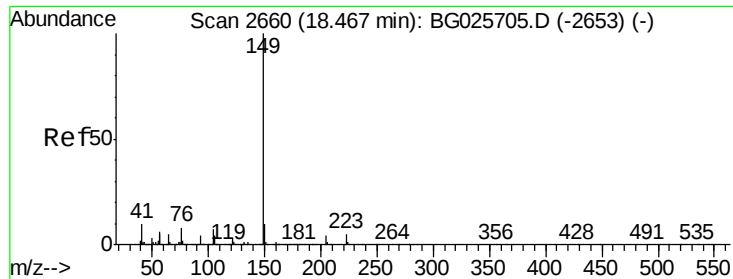


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 36.16 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

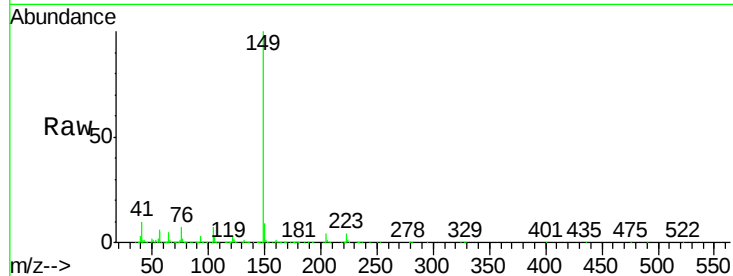
Tgt Ion:149 Resp: 1152383

Ion Ratio Lower Upper

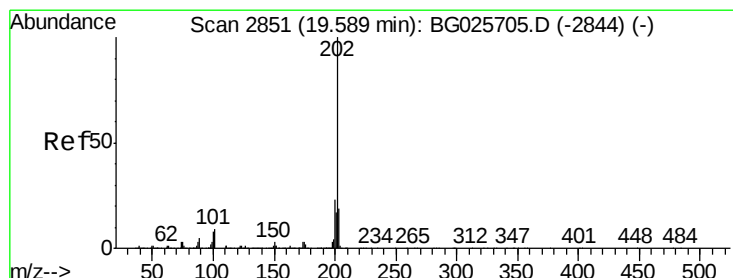
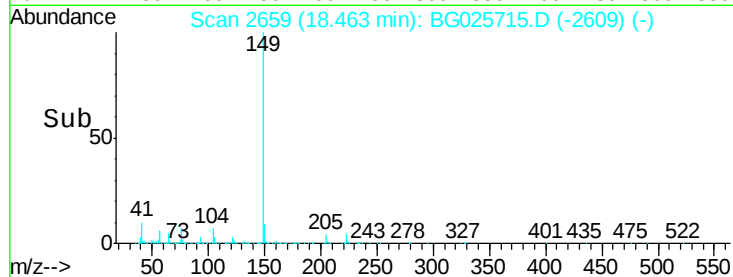
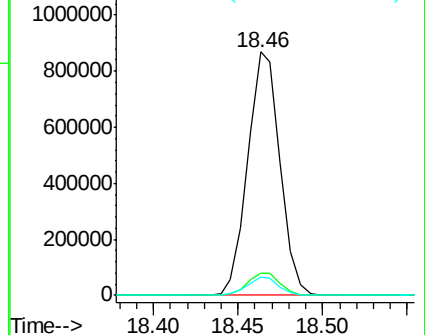
149 100

150 9.3 9.1 13.7

104 7.4 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



#74

Fluoranthene

Concen: 42.80 ng

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

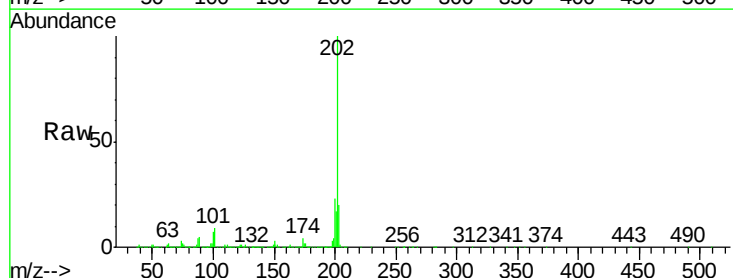
Tgt Ion:202 Resp: 1617968

Ion Ratio Lower Upper

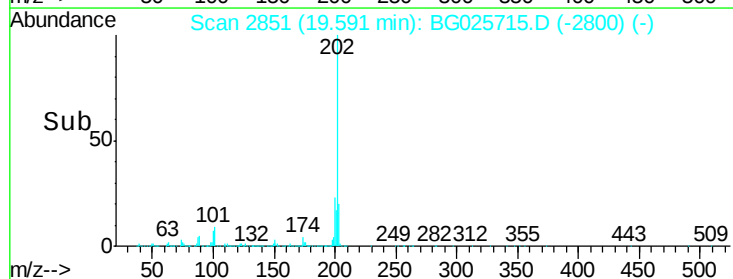
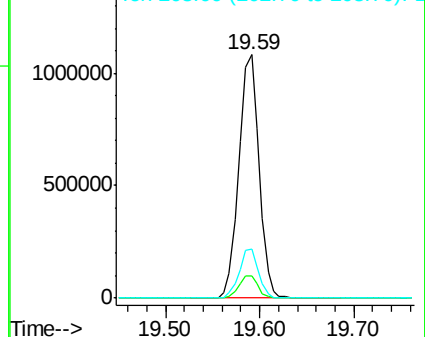
202 100

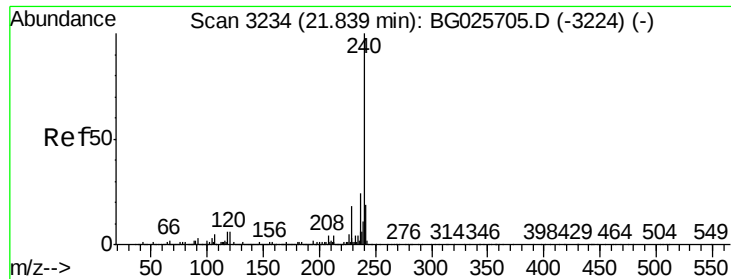
101 9.3 0.0 30.1

203 20.1 1.3 41.3



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

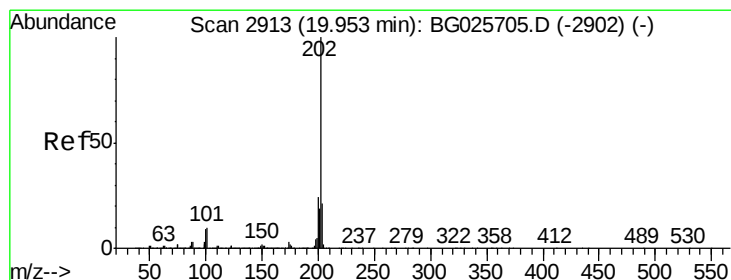
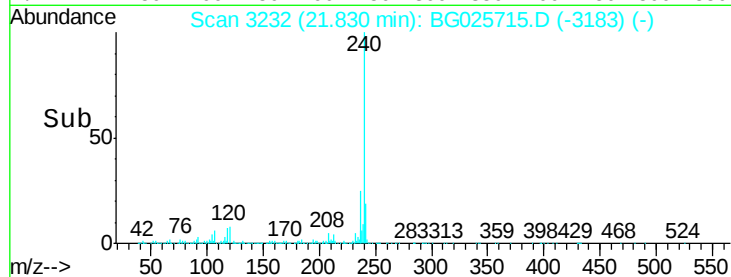
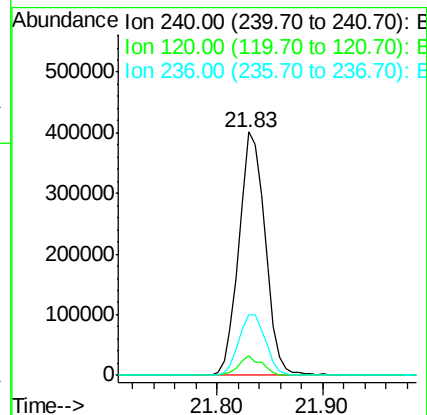
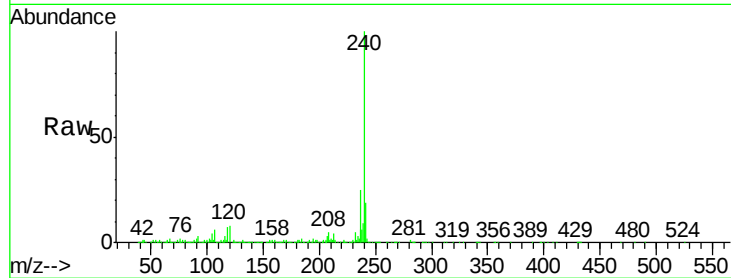




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

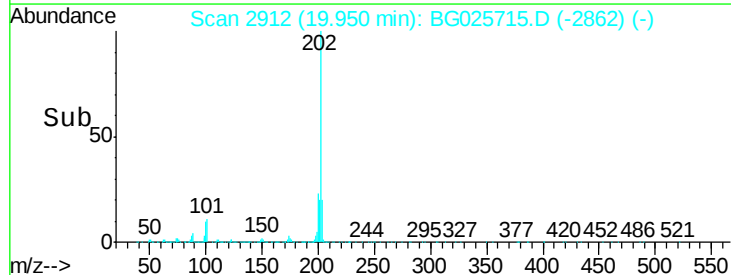
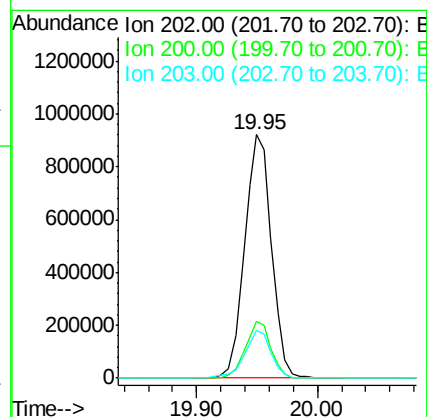
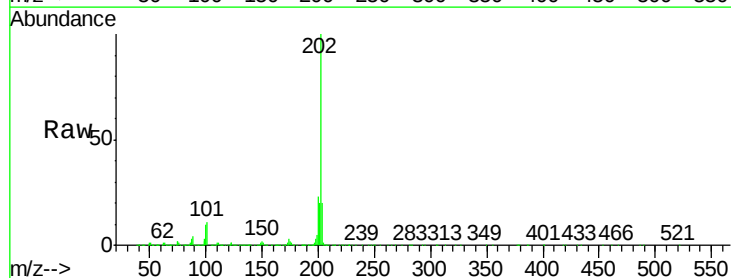
Instrument :
BNA_G
ClientSampleId :
0024DL

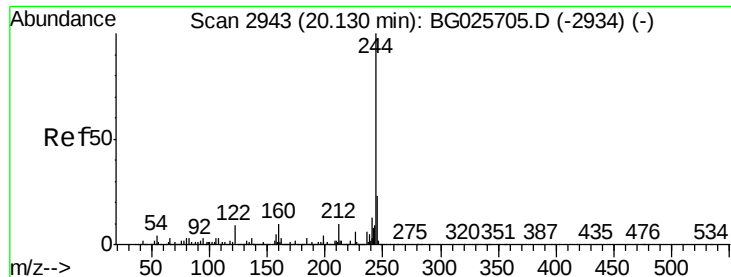
Tgt Ion:240 Resp: 686795
Ion Ratio Lower Upper
240 100
120 7.8 5.7 8.5
236 25.0 22.2 33.4



#77
Pyrene
Concen: 37.12 ng
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:202 Resp: 1420400
Ion Ratio Lower Upper
202 100
200 23.2 19.6 29.4
203 19.8 15.8 23.8





#78

Terphenyl-d14

Concen: 18.28 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

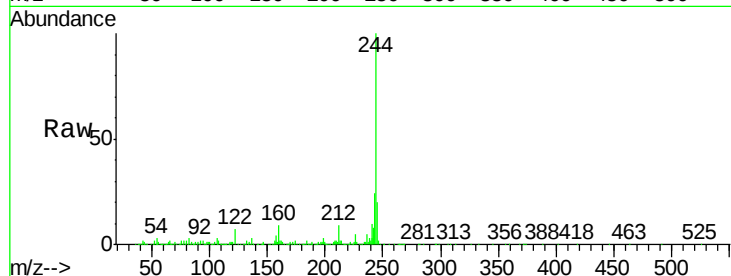
Tgt Ion:244 Resp: 520180

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

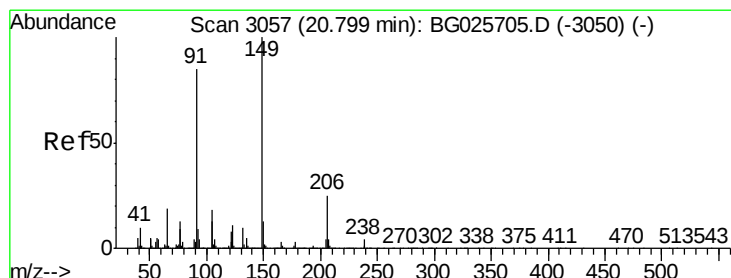
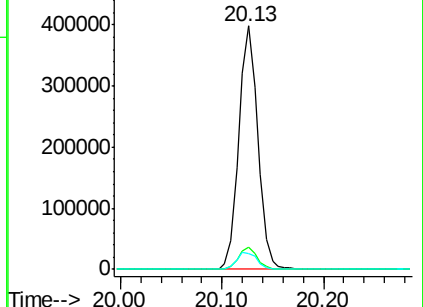
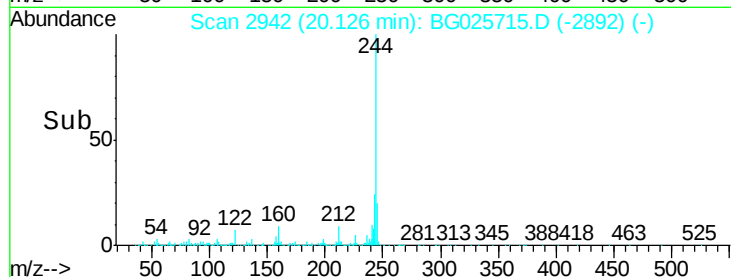
122 6.7 8.6 12.8#



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: 20.80 ng

RT: 20.80 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

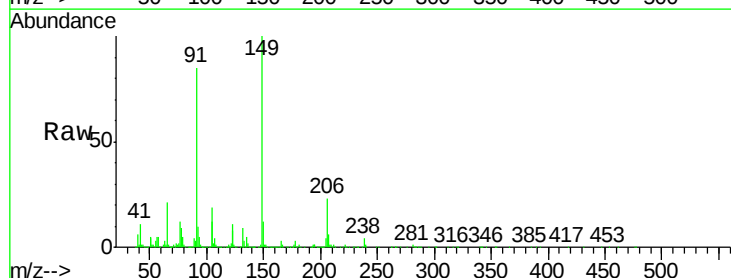
Tgt Ion:149 Resp: 330374

Ion Ratio Lower Upper

149 100

91 84.8 63.5 95.3

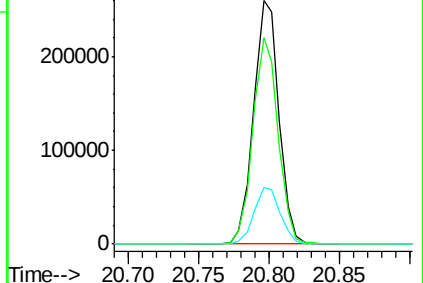
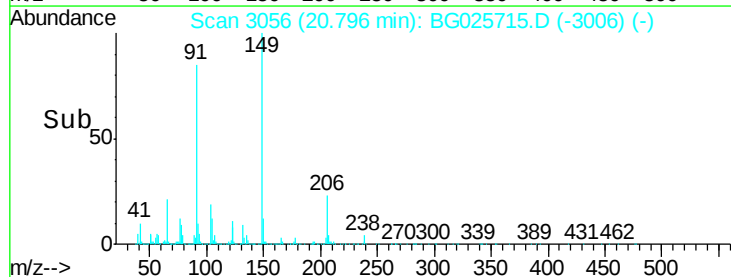
206 23.2 21.0 31.6

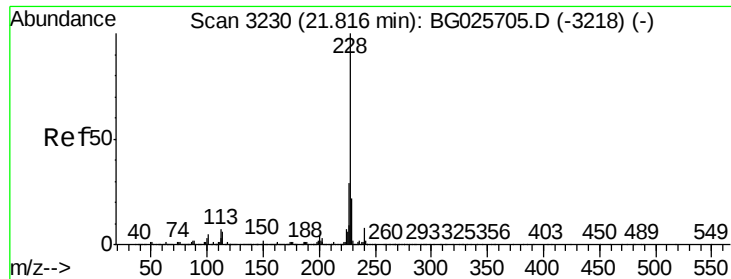


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

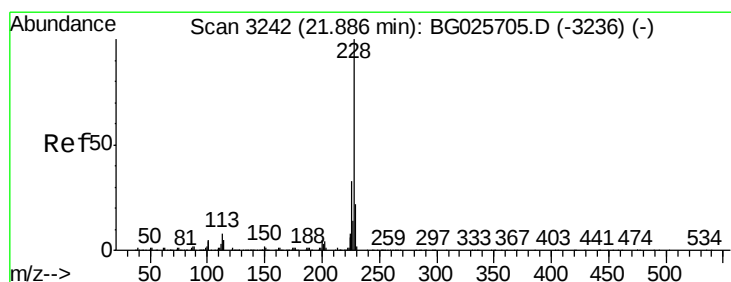
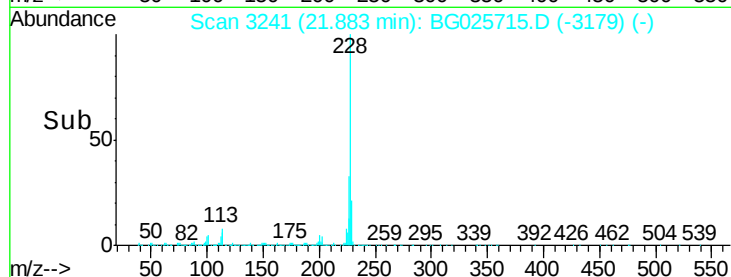
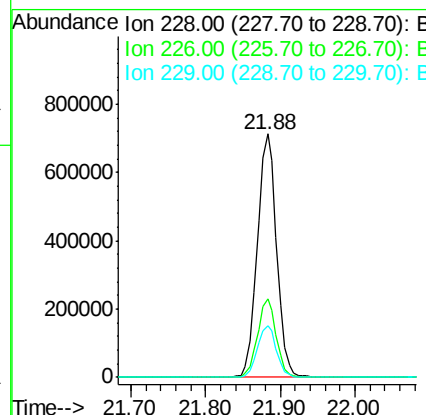
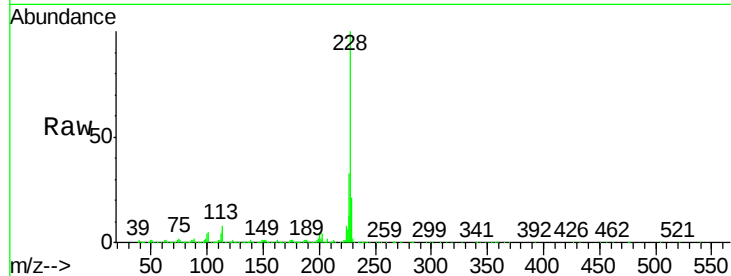




#80
Benzo(a)anthracene
Concen: 31.56 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.07 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

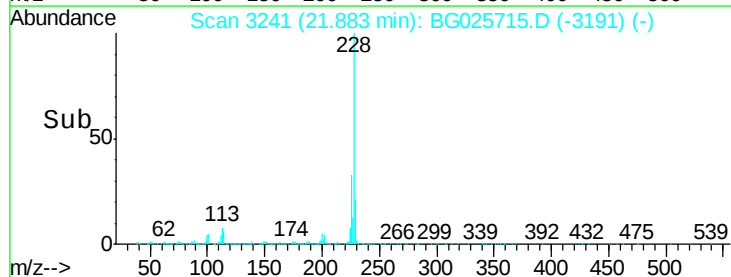
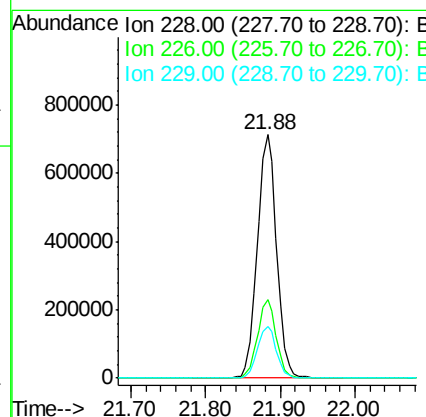
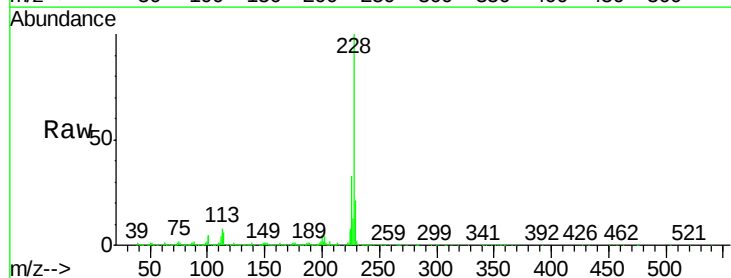
Instrument :
BNA_G
ClientSampleId :
0024DL

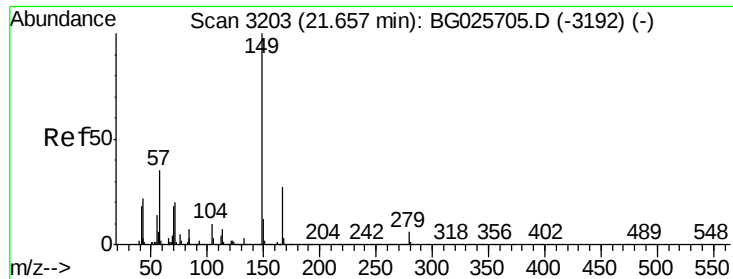
Tgt Ion:228 Resp: 1283671
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 21.3 18.2 27.2



#82
Chrysene
Concen: 33.39 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

Tgt Ion:228 Resp: 1283671
Ion Ratio Lower Upper
228 100
226 32.5 27.0 40.4
229 21.3 17.8 26.6

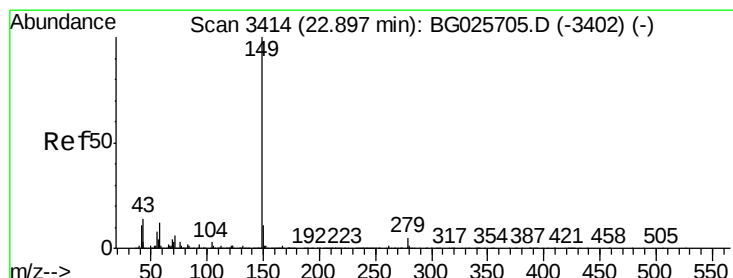
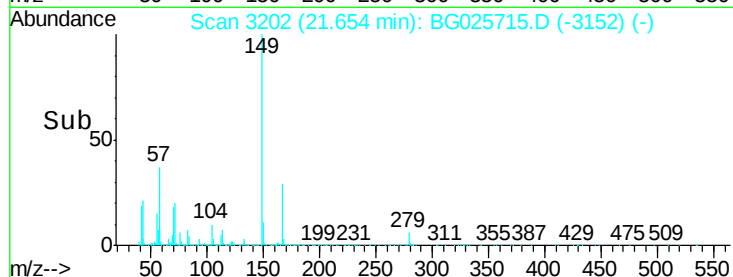
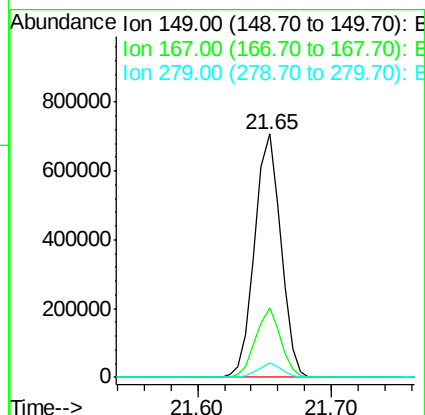
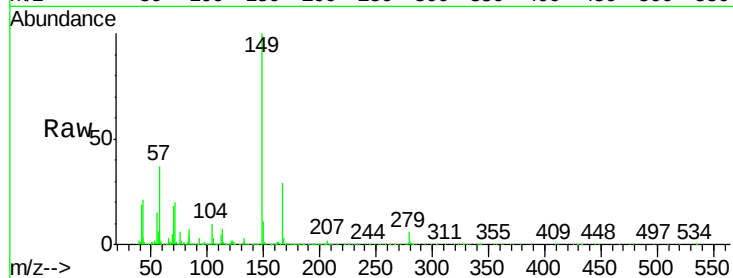




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.07 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

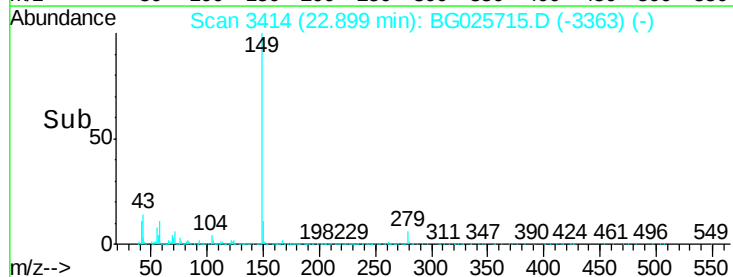
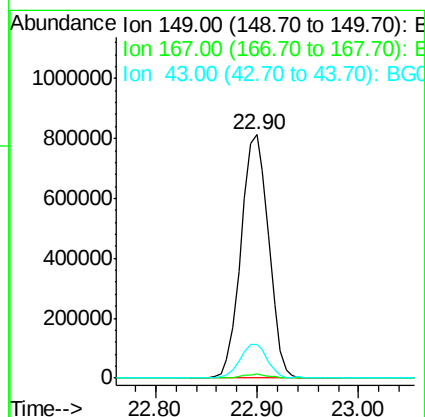
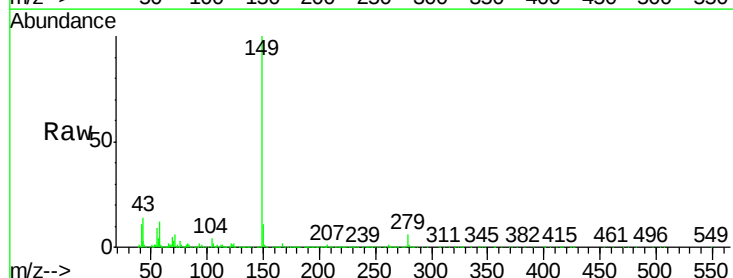
Instrument :
 BNA_G
 ClientSampleId :
 0024DL

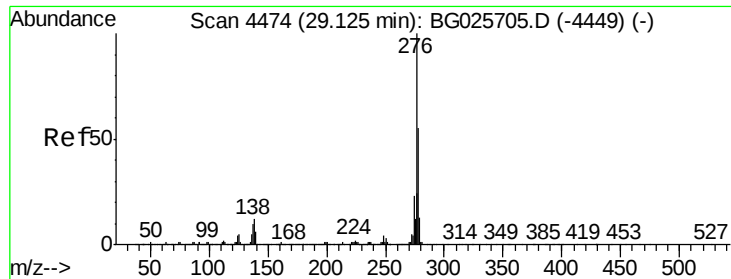
Tgt Ion:149 Resp: 952833
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.7 35.5
 279 5.8 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 42.70 ng
 RT: 22.90 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

Tgt Ion:149 Resp: 1534257
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 13.7 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.04 ng

RT: 29.11 min Scan# 4471

Delta R.T. -0.02 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

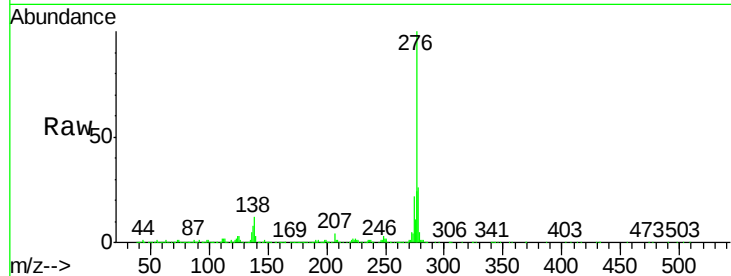
Tgt Ion:276 Resp: 1407760

Ion Ratio Lower Upper

276 100

138 12.8 4.7 7.1#

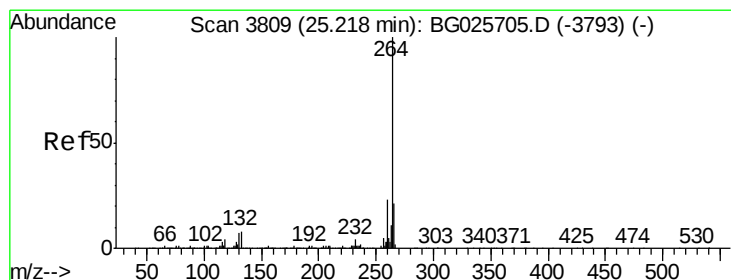
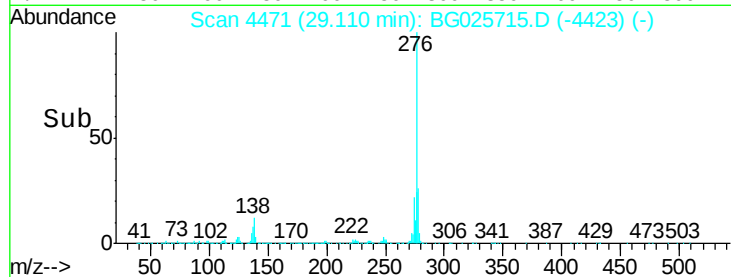
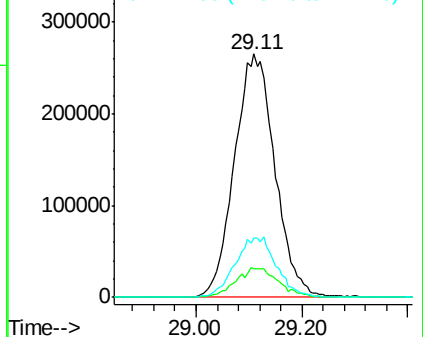
277 0.0 20.6 31.0#



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: 25.21 min Scan# 3808

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

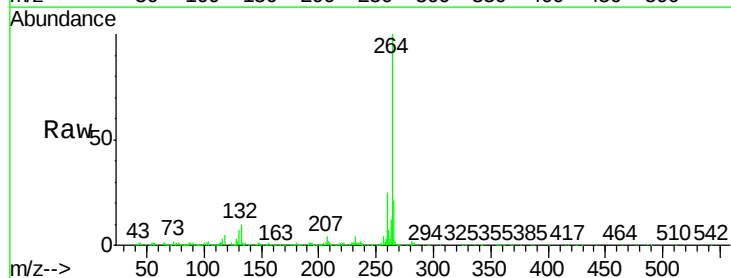
Tgt Ion:264 Resp: 693439

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

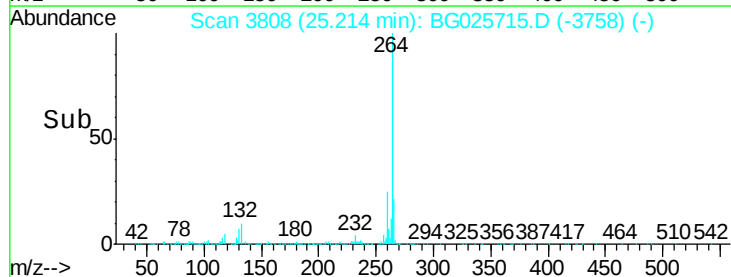
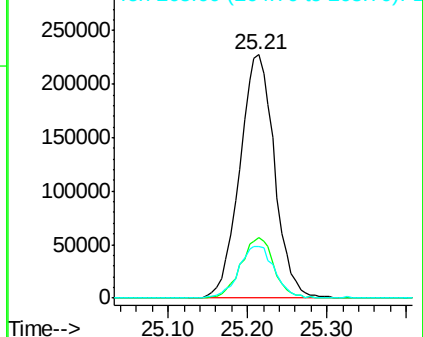
265 21.1 18.2 27.4

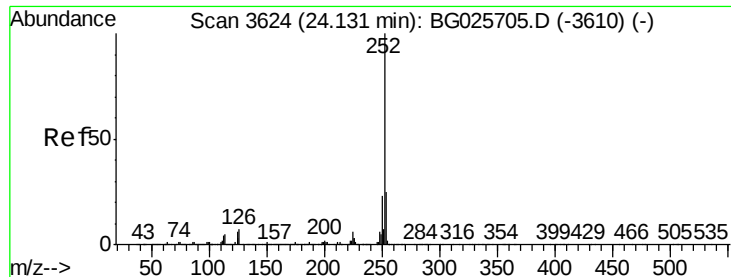


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.06 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

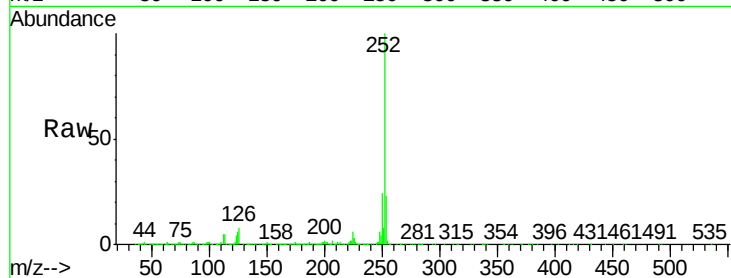
Tgt Ion:252 Resp: 1846113

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

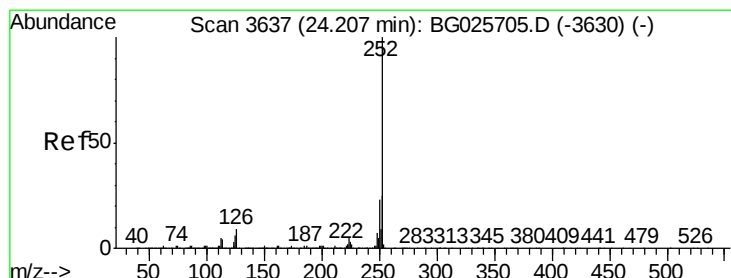
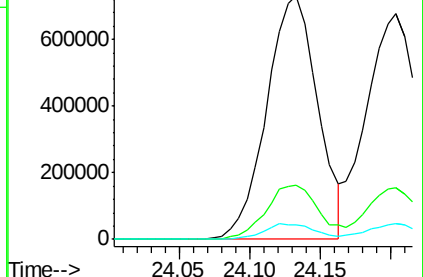
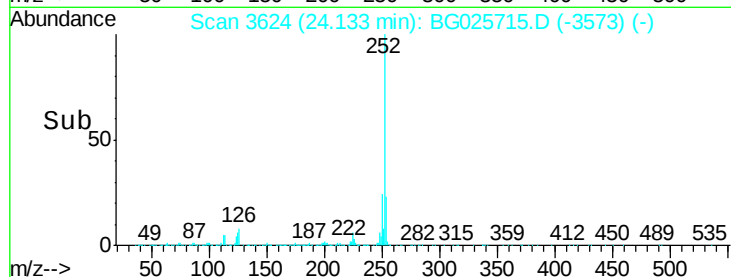
125 6.0 5.3 7.9



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



#88

Benzo(k)fluoranthene

Concen: 44.45 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

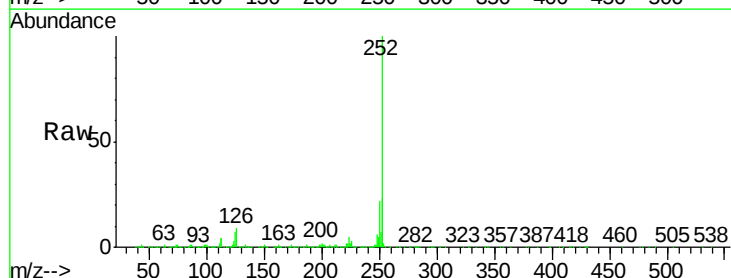
Tgt Ion:252 Resp: 1743591

Ion Ratio Lower Upper

252 100

253 23.1 20.2 30.2

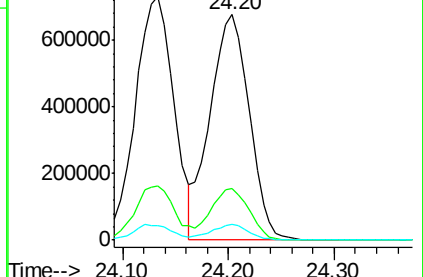
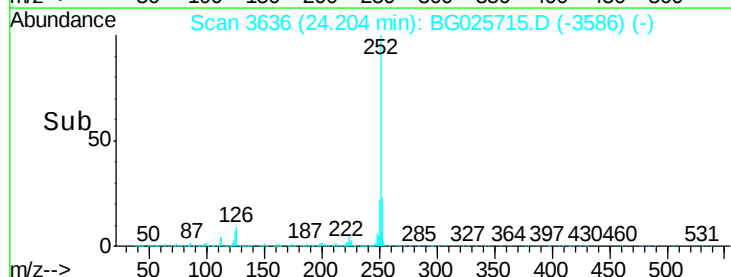
125 6.9 5.1 7.7

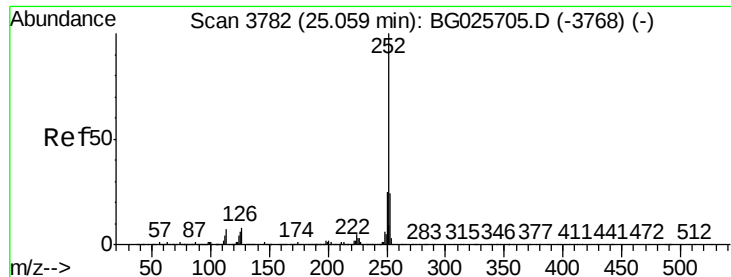


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 29.36 ng

RT: 25.06 min Scan# 3781

Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :

BNA_G

ClientSampleId :

0024DL

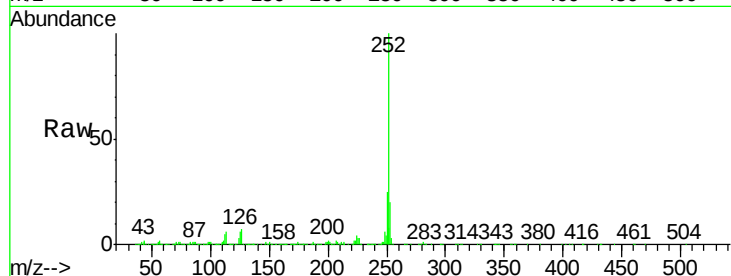
Tgt Ion:252 Resp: 1119397

Ion	Ratio	Lower	Upper
252	100		
253	20.3	19.2	28.8
125	6.3	5.4	8.0

252 100

253 20.3 19.2 28.8

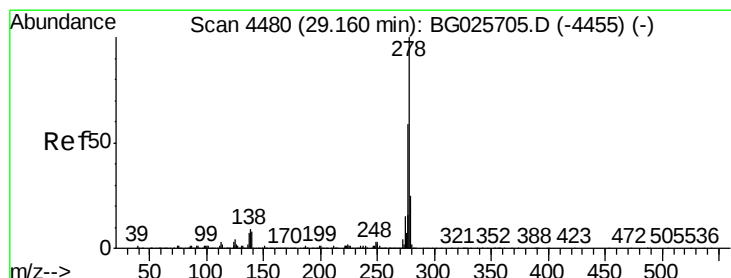
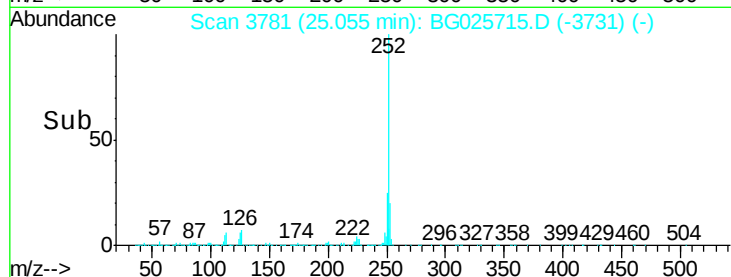
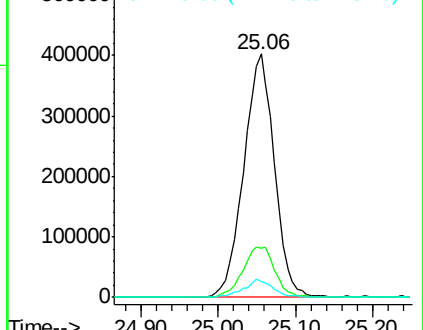
125 6.3 5.4 8.0



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: 20.24 ng

RT: 29.15 min Scan# 4478

Delta R.T. -0.01 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

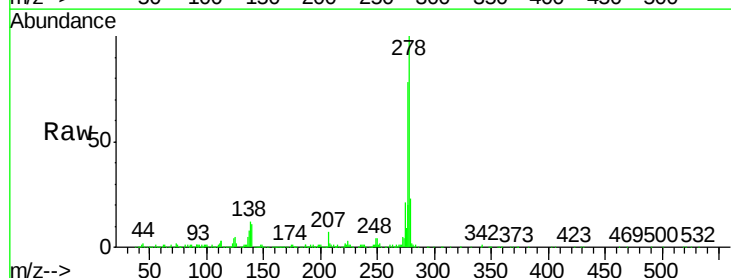
Tgt Ion:278 Resp: 798074

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.7	11.5
279	22.6	19.1	28.7

278 100

139 11.0 7.7 11.5

279 22.6 19.1 28.7



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

