

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 00:48:27 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
8) 2-Chlorophenol	7.73	128	96564	22.22	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	51660	10.40	ng	88
13) 1,4-Dichlorobenzene	8.20	146	116566	21.58	ng	95
14) 1,2-Dichlorobenzene	8.52	146	167744	32.40	ng	96
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
34) Hexachlorobutadiene	11.30	225	43450	10.01	ng	96
37) 2-Methylnaphthalene	12.64	142	414886	36.95	ng	99
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
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
66) 4-Bromophenyl-phenylether	16.72	248	291949	47.29	ng	92
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
82) Chrysene	21.88	228	1283671	33.39	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	952833	43.07	ng	99

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

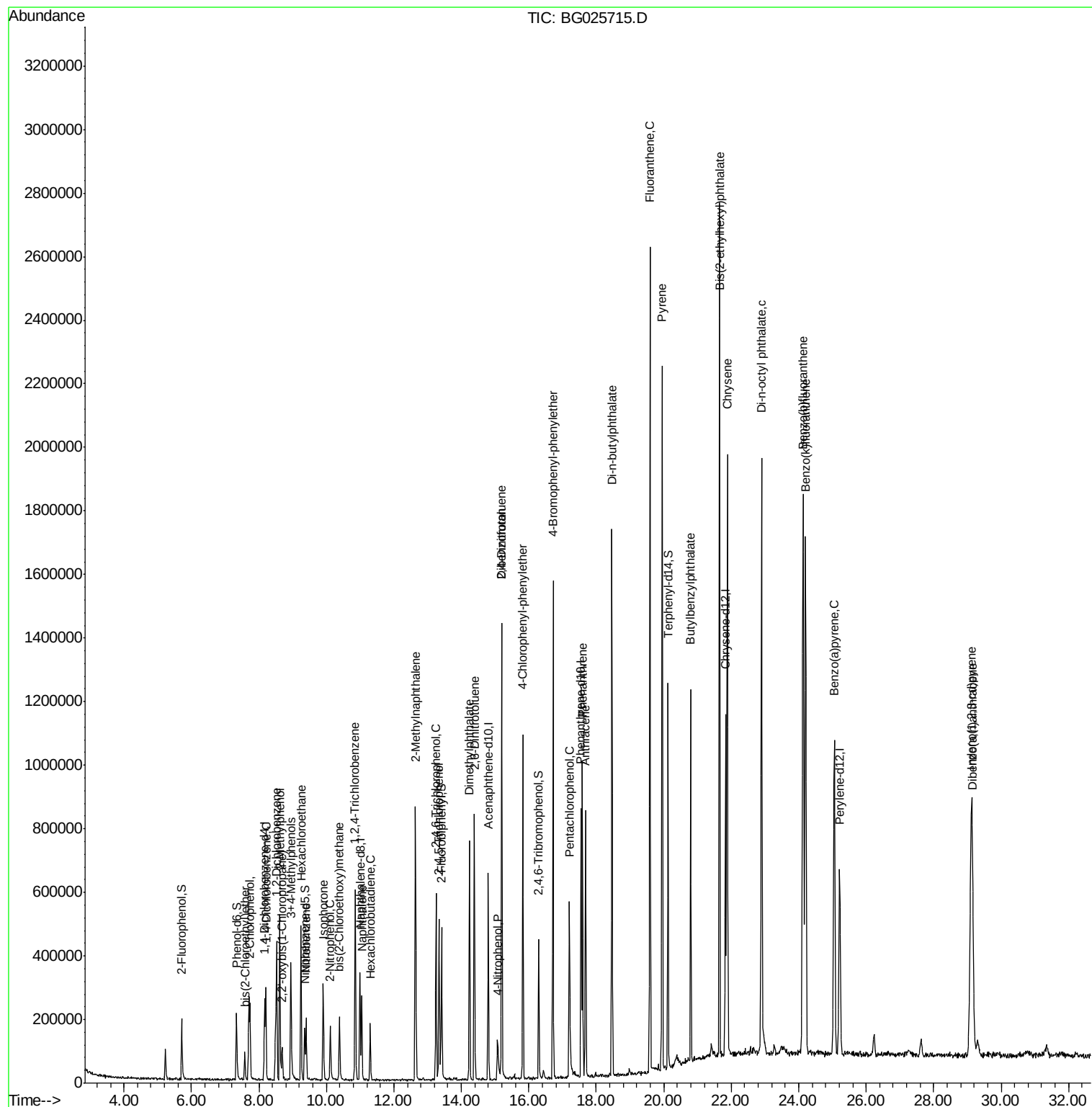
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.90	149	1534257	42.70	ng	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	1407760	30.04	ng	# 55
87) Benzo(b)fluoranthene	24.13	252	1846113	46.06	ng	98
88) Benzo(k)fluoranthene	24.20	252	1743591	44.45	ng	96
89) Benzo(a)pyrene	25.06	252	1119397	29.36	ng	94
90) Dibenzo(a,h)anthracene	29.15	278	798074	20.24	ng	97

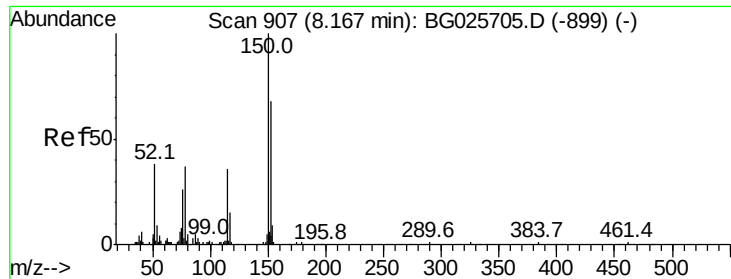
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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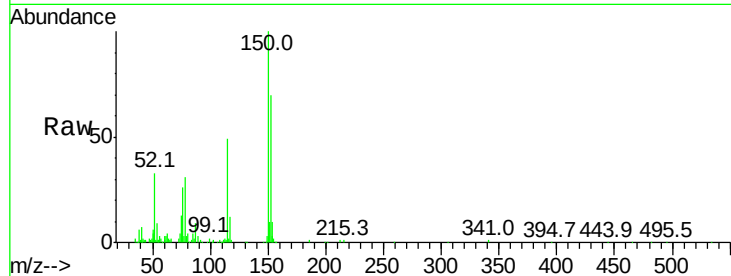


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	114.0	171.0
115	69.4	48.1	72.1

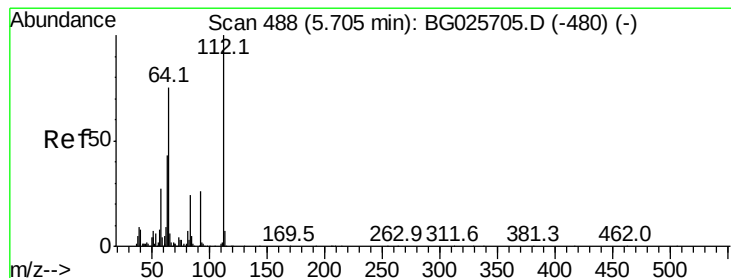
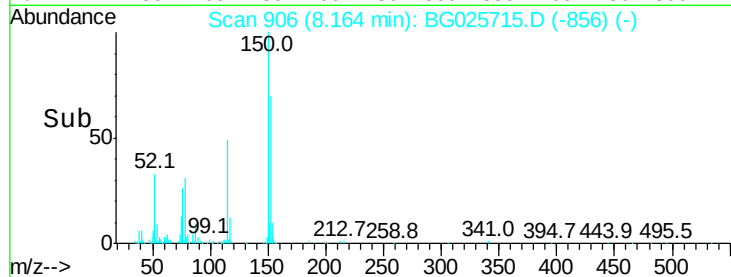
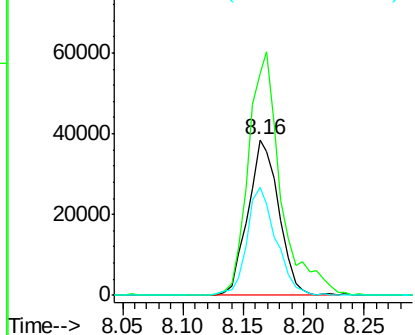


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

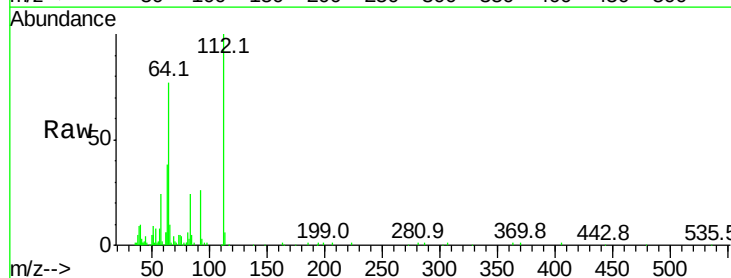
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	76.9	61.8	92.6
63	38.5	37.2	55.8

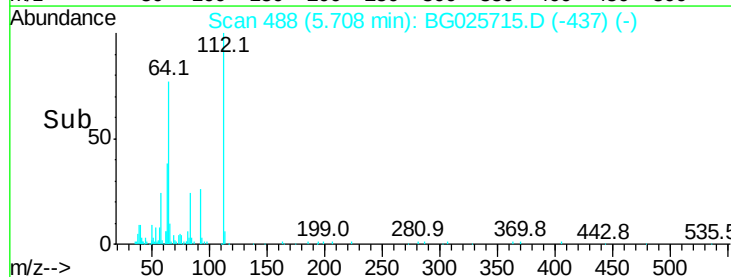
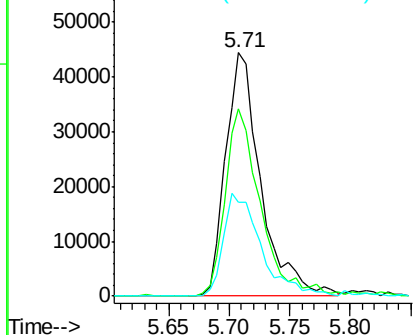


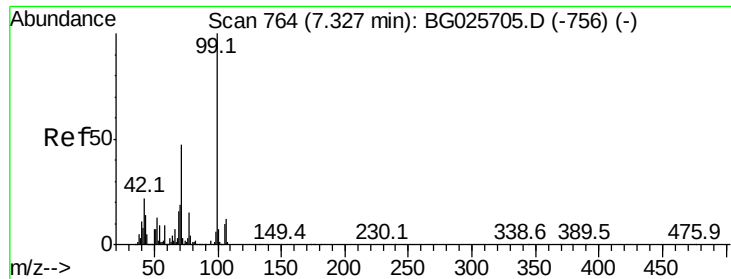
Abundance

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





#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

Instrument :

BNA_G

ClientSampleId :

0024DL

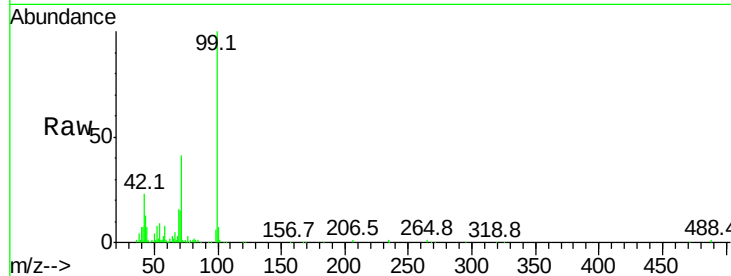
Tot Ion: 99 Resp: 135853

Ion Ratio Lower Upper

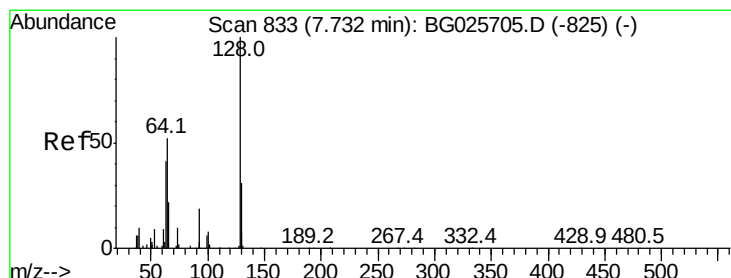
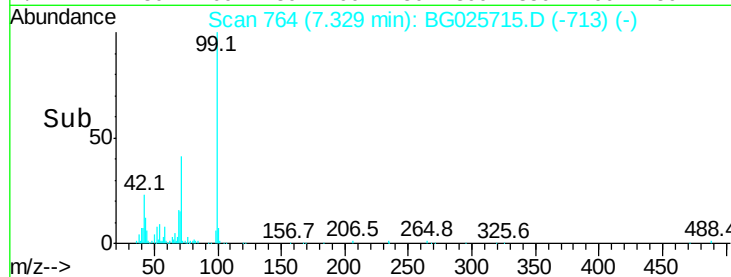
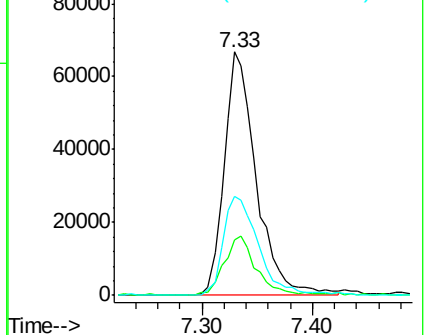
99 100

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

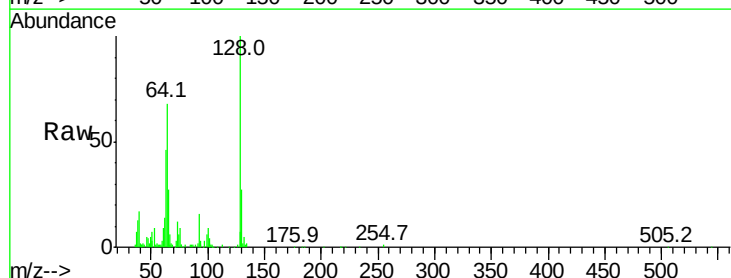
Tgt Ion:128 Resp: 96564

Ion Ratio Lower Upper

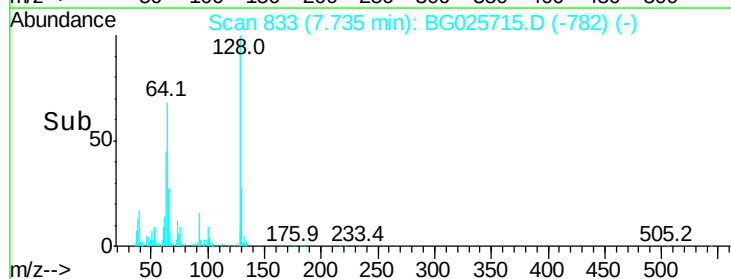
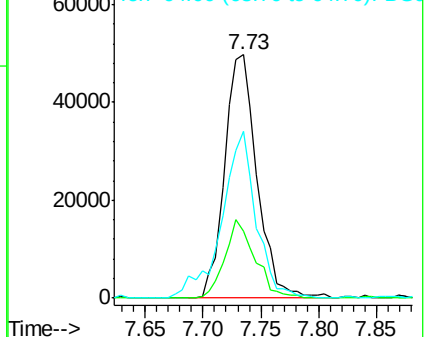
128 100

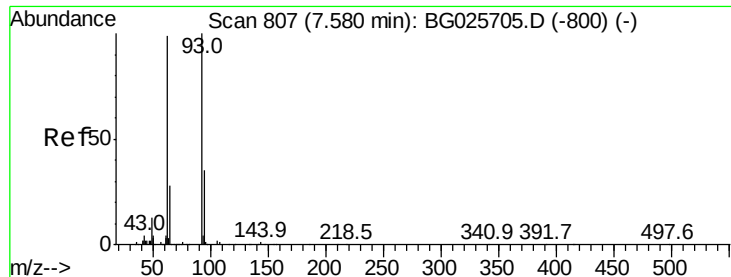
130 27.5 11.4 51.4

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

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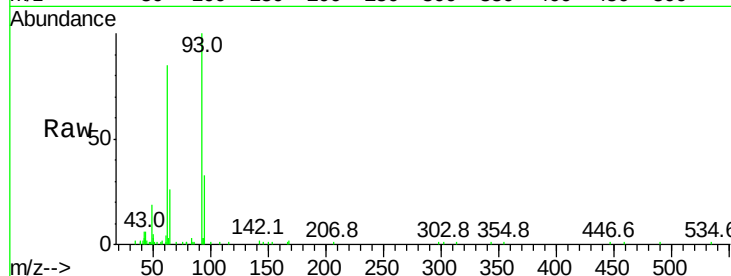
Tot Ion: 93 Resp: 51660

Ion Ratio Lower Upper

93 100

63 85.2 78.5 118.5

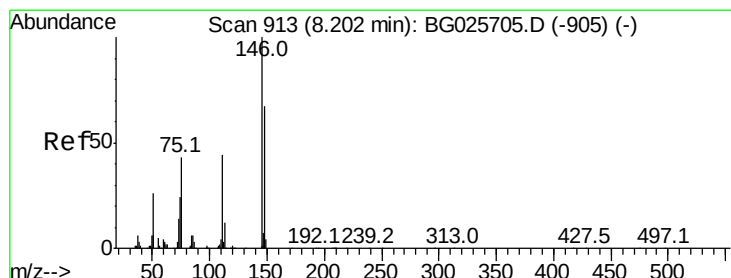
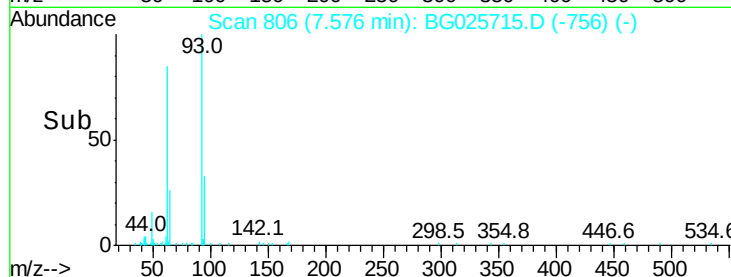
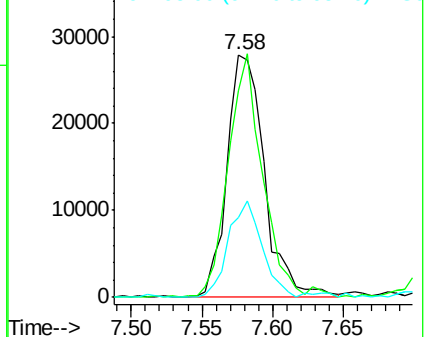
95 32.8 9.8 49.8



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



#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

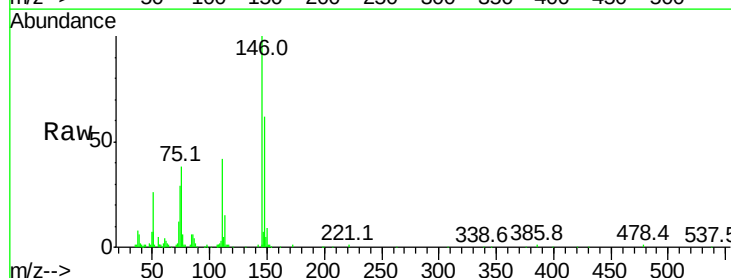
Tgt Ion: 146 Resp: 116566

Ion Ratio Lower Upper

146 100

148 61.7 52.2 78.2

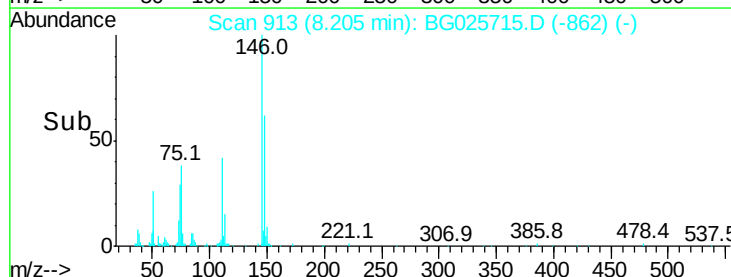
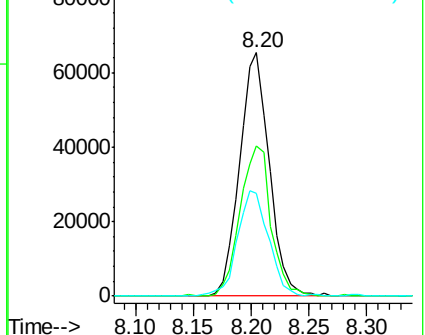
111 42.3 37.0 55.6

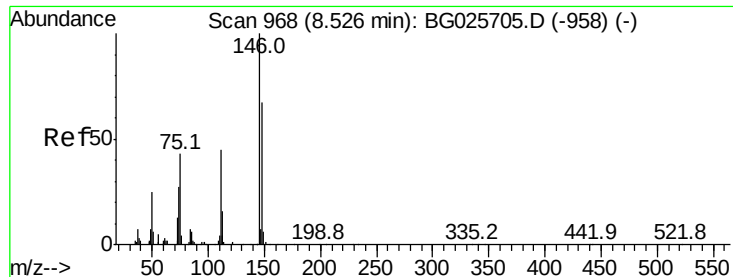


Abundance Ion 146.00 (145.70 to 146.70): E

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

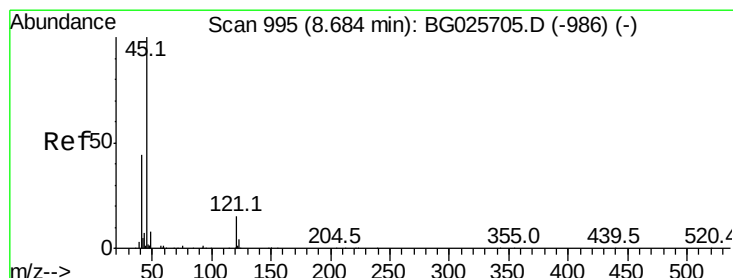
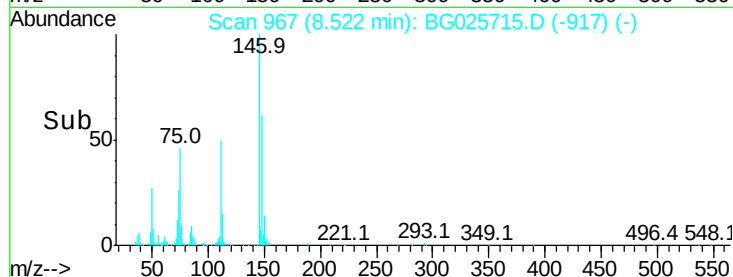
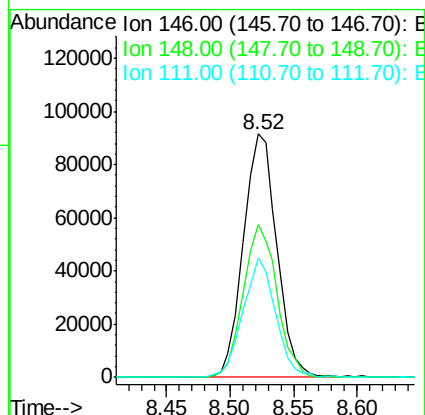
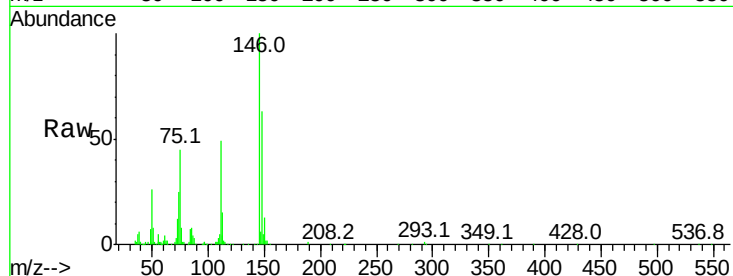
Lab File: BG025715.D

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Tot Ion:146 Resp: 167744

Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.6	81.8
111	49.1	39.7	59.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.42 ng

RT: 8.69 min Scan# 995

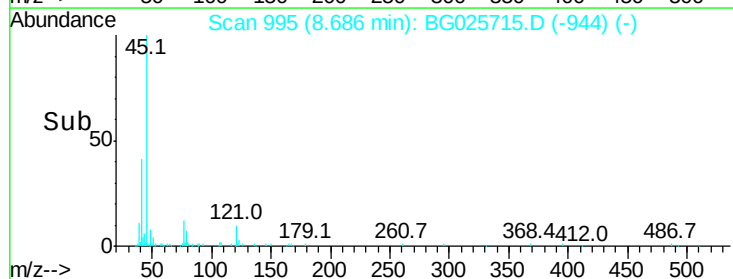
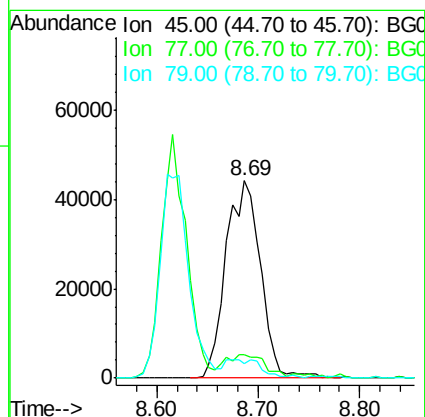
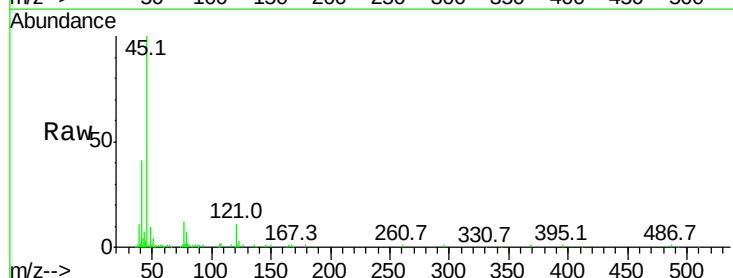
Delta R.T. 0.00 min

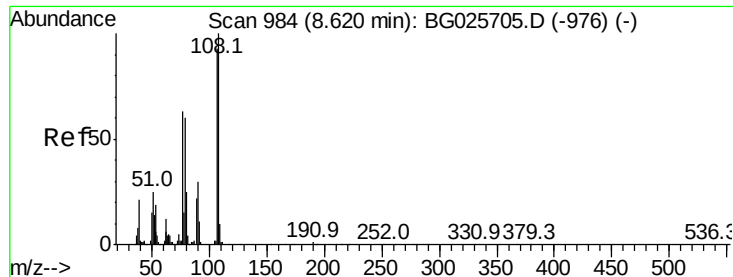
Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

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





#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

Instrument :

BNA_G

ClientSampleId :

0024DL

Tot Ion:107 Resp: 150529

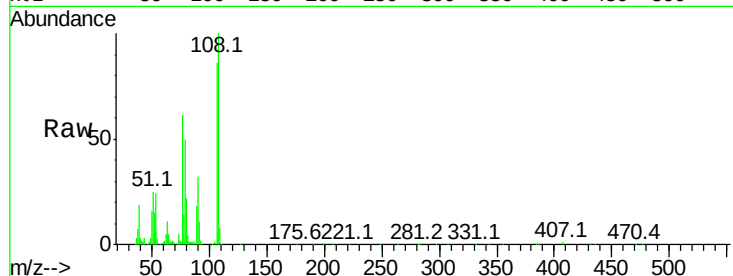
Ion Ratio Lower Upper

107 100

108 116.4 85.6 128.4

77 71.0 51.4 77.2

79 58.4 49.2 73.8

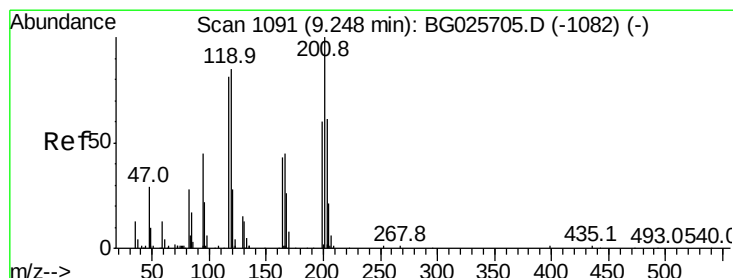
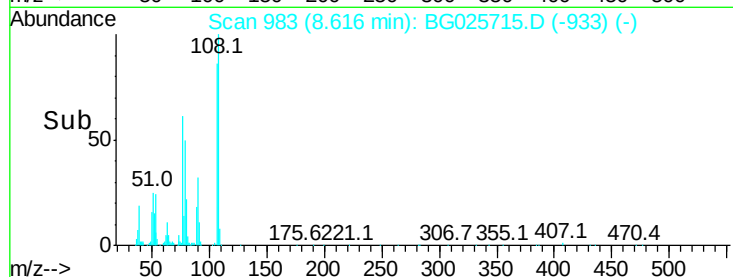
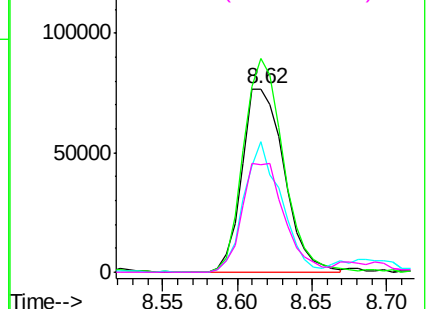


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 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

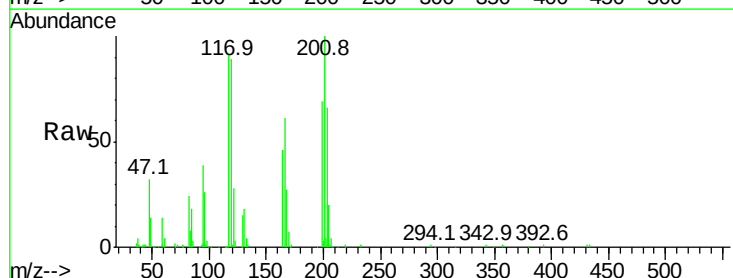
Tgt Ion:117 Resp: 92435

Ion Ratio Lower Upper

117 100

119 97.9 69.8 104.6

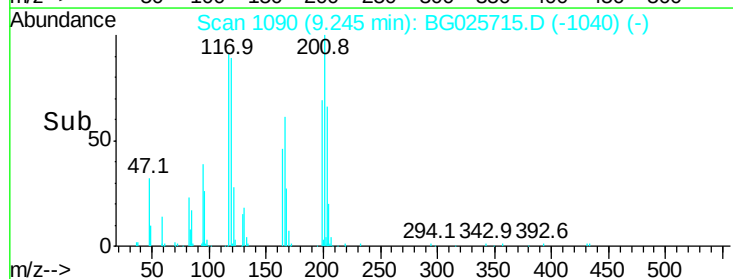
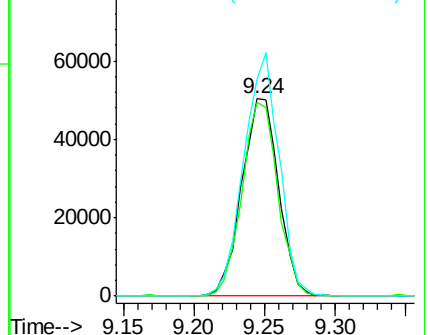
201 110.0 95.4 143.0

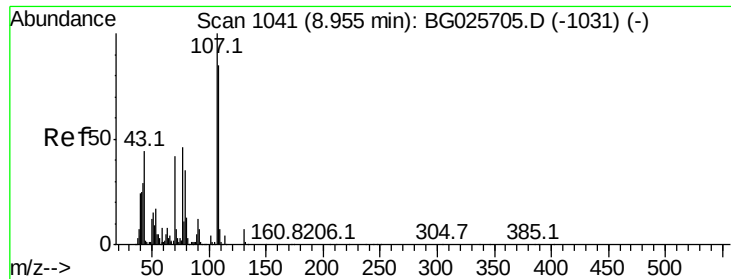


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 29.97 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.01 min

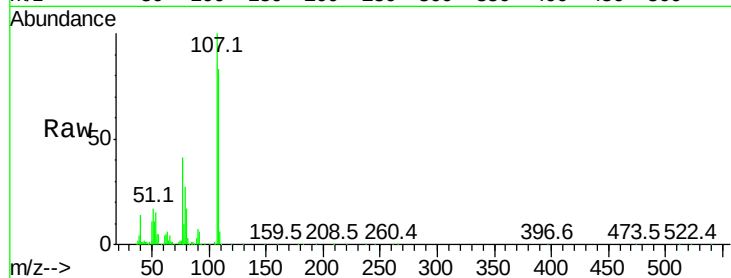
Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Instrument :
BNA_G
ClientSampled :
0024DL

Tot 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

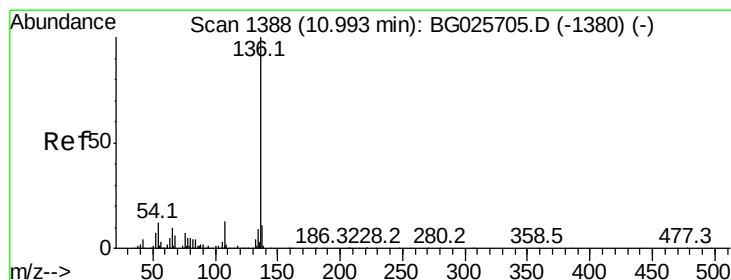
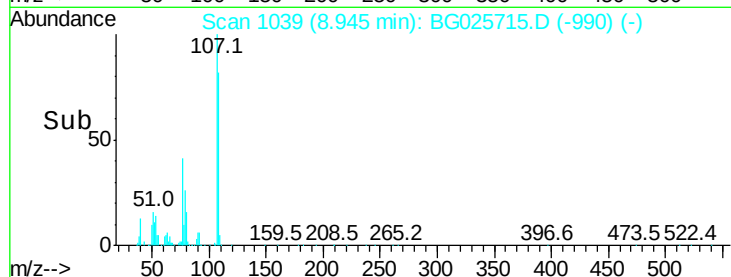
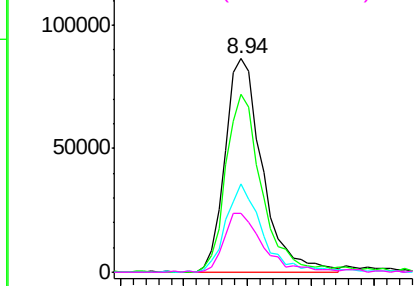


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#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

Tgt Ion:136 Resp: 280130

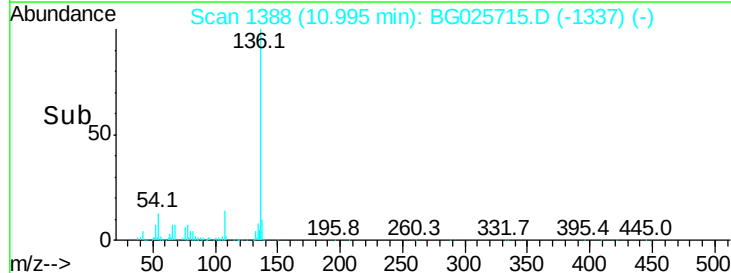
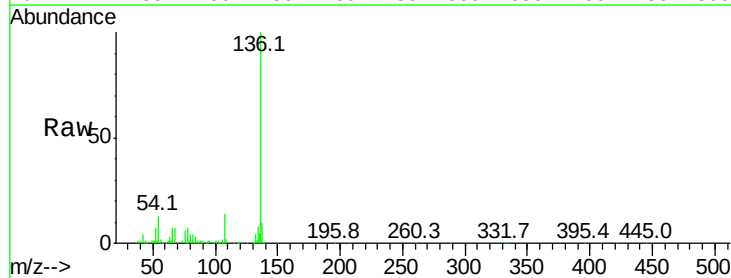
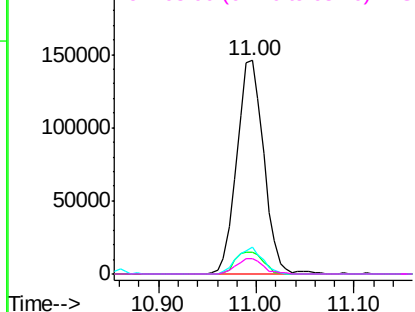
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	12.8	9.3	13.9
68	7.3	5.1	7.7

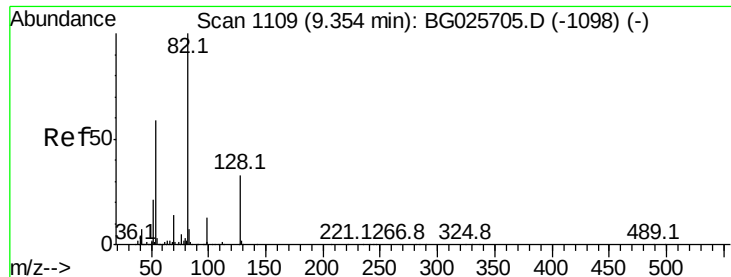
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#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

Instrument :

BNA_G

ClientSampleId :

0024DL

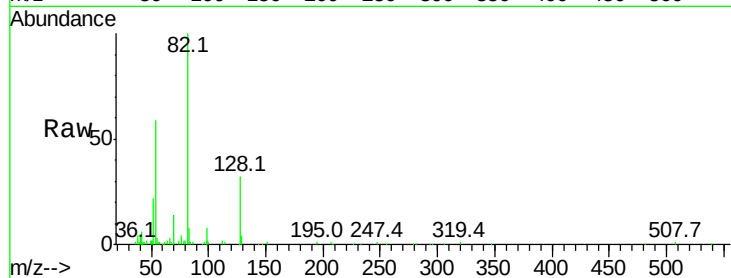
Tot Ion: 82 Resp: 101873

Ion Ratio Lower Upper

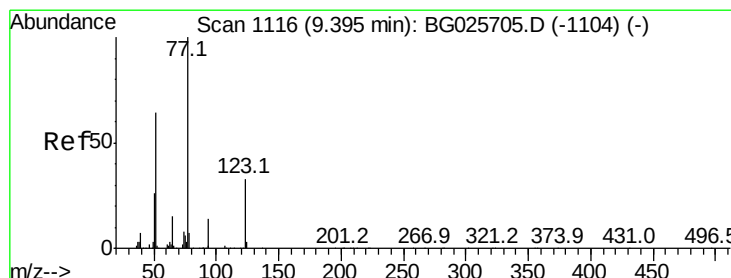
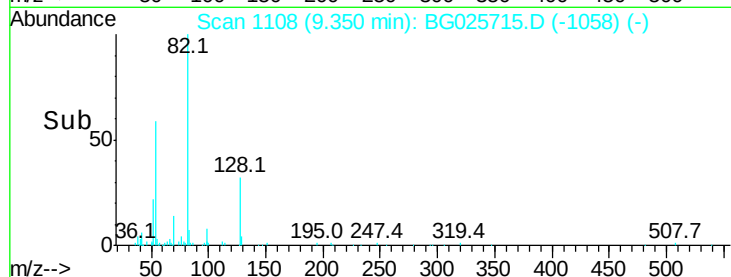
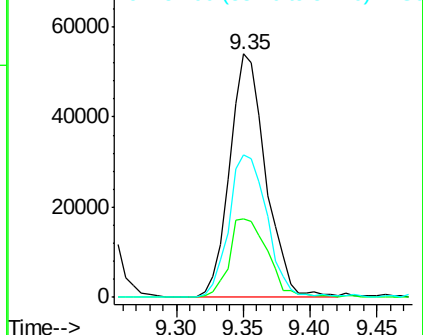
82 100

128 32.4 26.4 39.6

54 58.5 49.4 74.2



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



#24

Nitrobenzene

Concen: 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

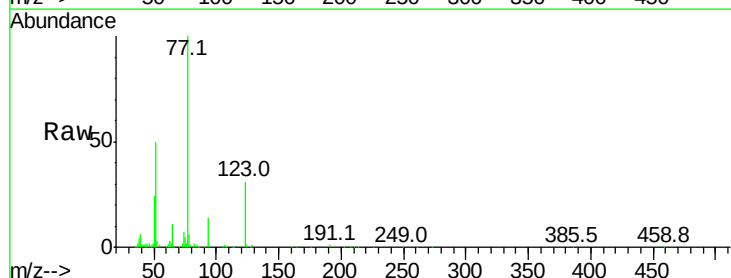
Tgt Ion: 77 Resp: 122473

Ion Ratio Lower Upper

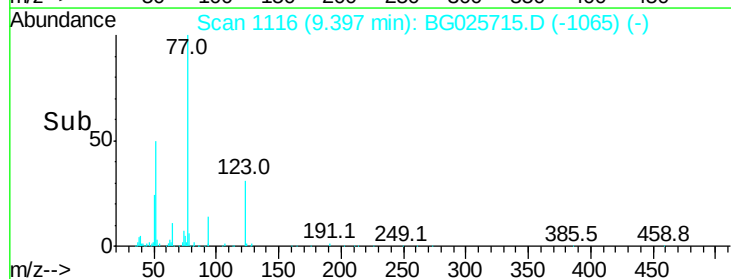
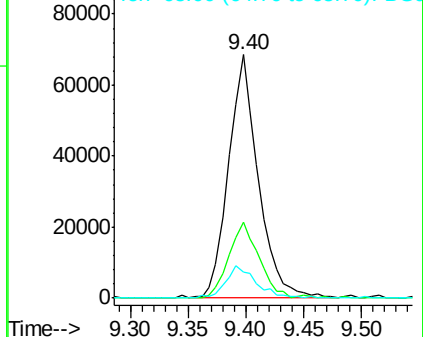
77 100

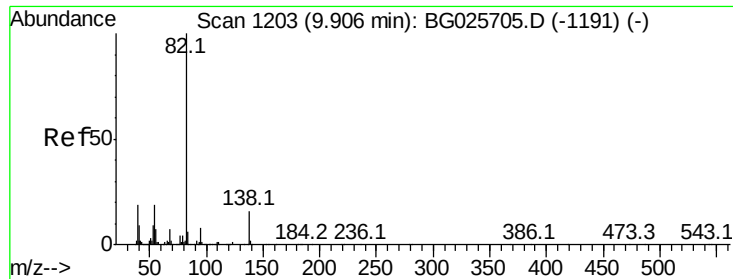
123 31.0 26.1 39.1

65 10.7 12.4 18.6#



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





#25

Isophorone

Concen: 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

Instrument :

BNA_G

ClientSampleId :

0024DL

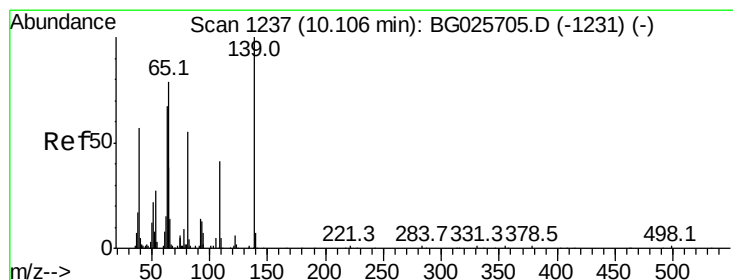
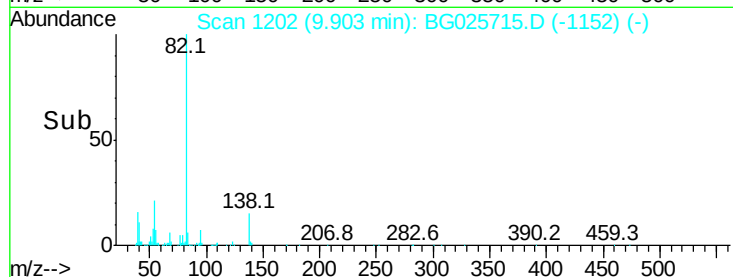
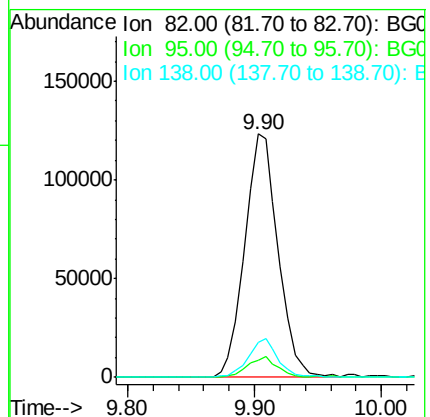
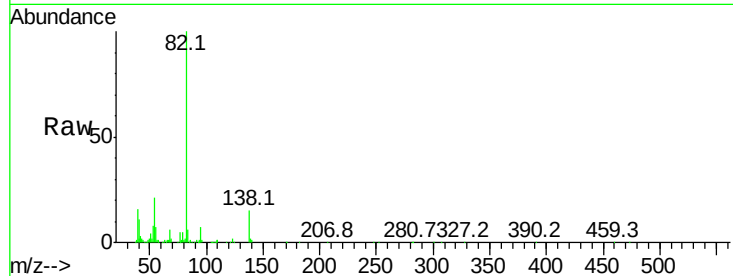
Tot Ion: 82 Resp: 225391

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

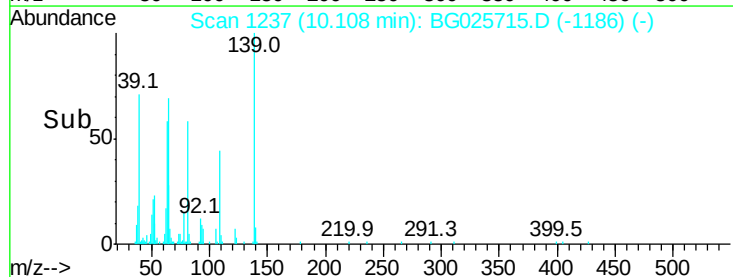
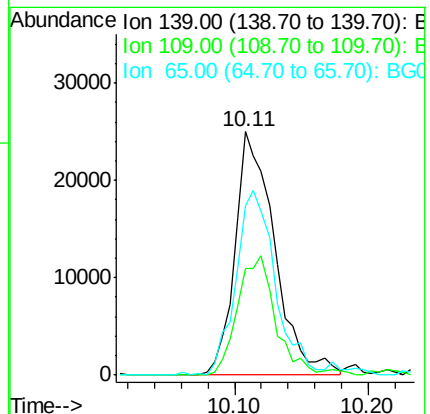
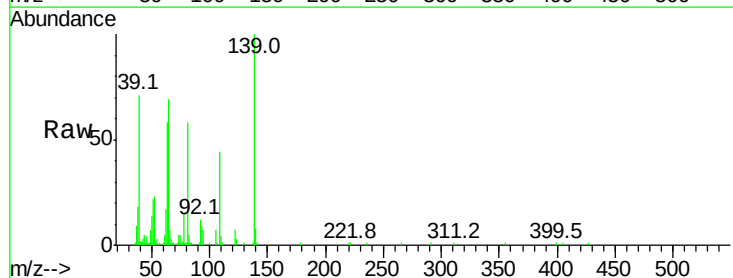
Tgt Ion: 139 Resp: 51378

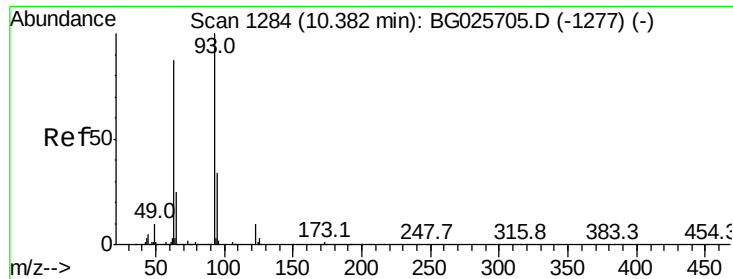
Ion Ratio Lower Upper

139 100

109 44.0 38.6 58.0

65 69.3 57.1 85.7

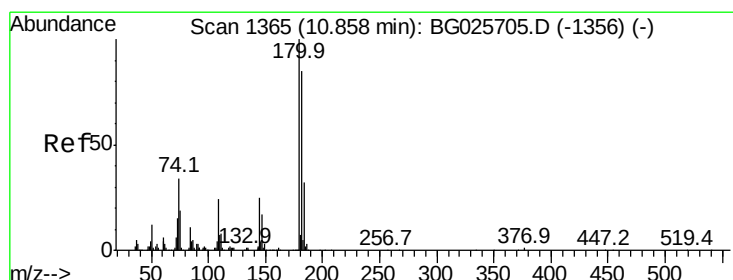
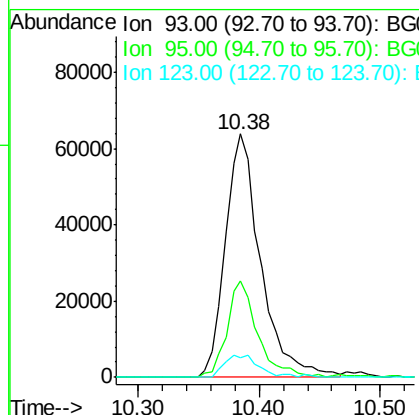
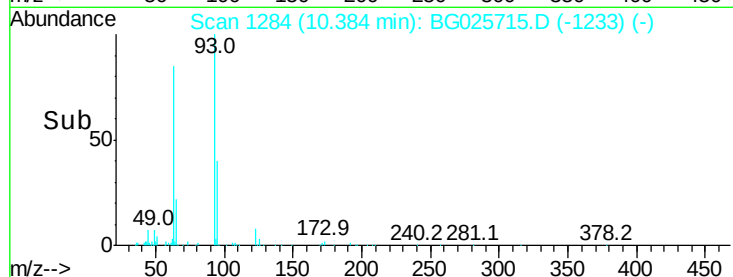
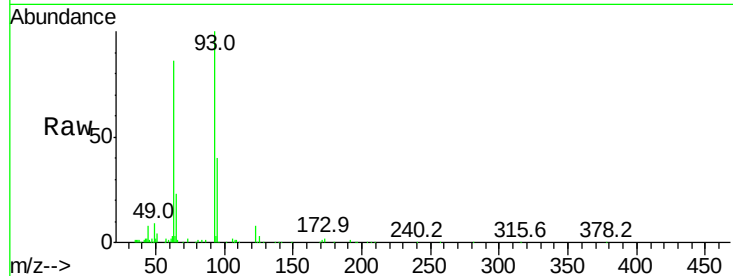




#28
bis(2-Chloroethoxy)methane
Concen: 18.88 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

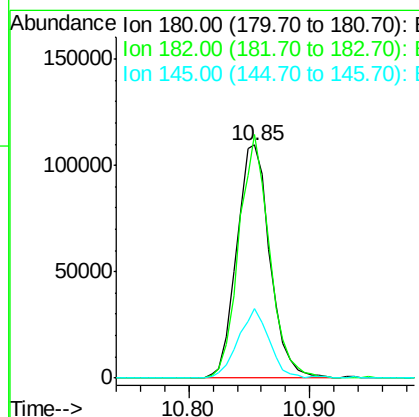
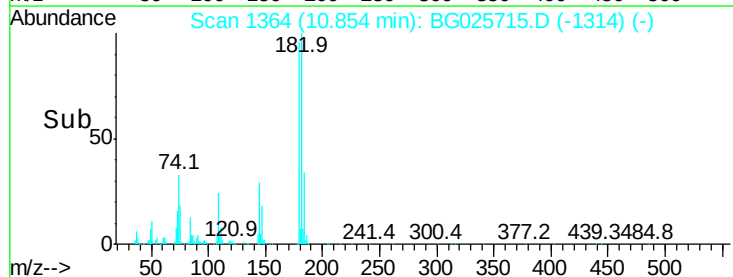
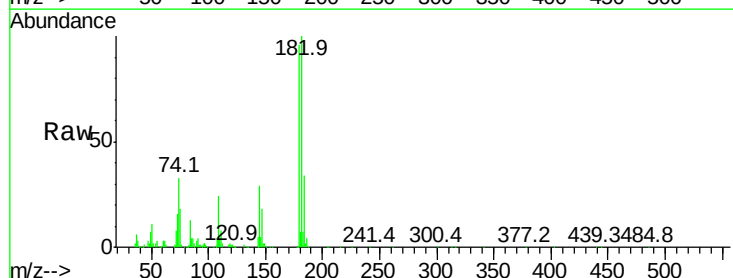
Instrument :
BNA_G
ClientSampleId :
0024DL

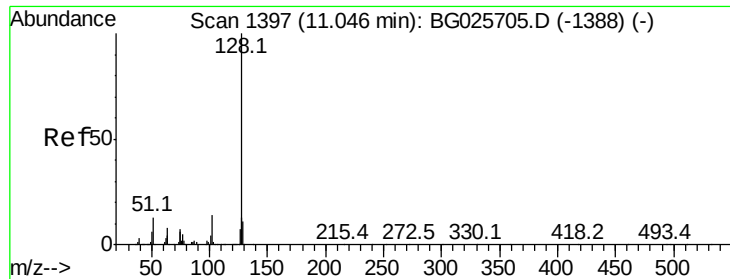
Tot Ion: 93 Resp: 129123
Ion Ratio Lower Upper
93 100
95 39.7 25.7 38.5#
123 8.3 8.3 12.5#



#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

Tgt Ion: 180 Resp: 210626
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

Instrument :

BNA_G

ClientSampled :

0024DL

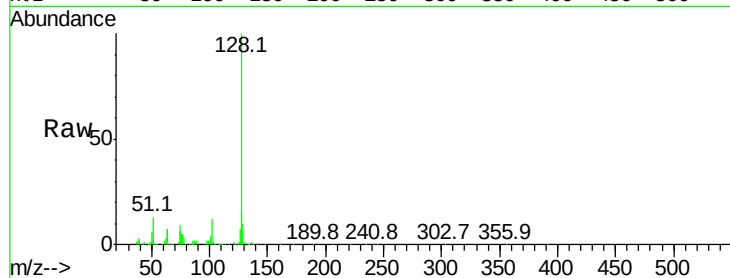
Tot Ion:128 Resp: 213437

Ion Ratio Lower Upper

128 100

129 9.9 9.3 13.9

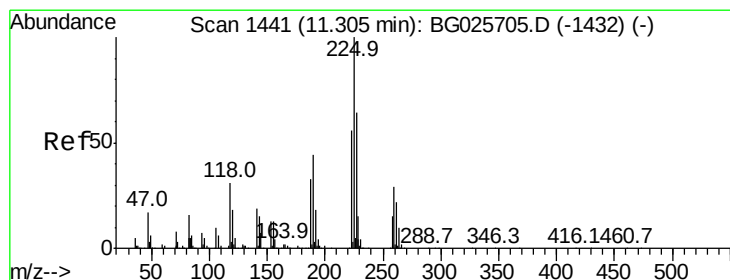
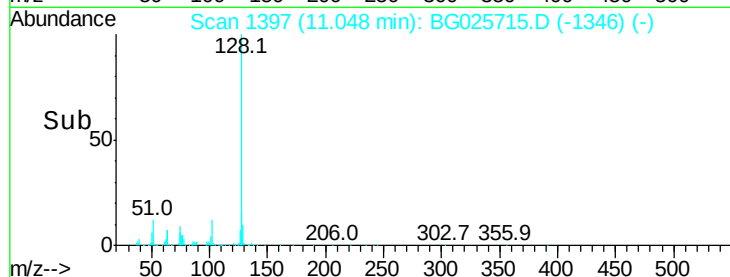
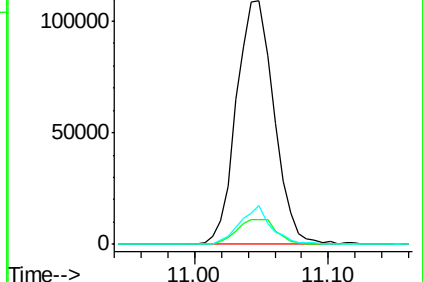
127 16.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

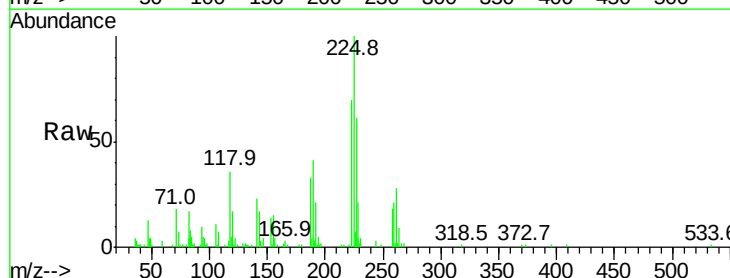
Tgt Ion:225 Resp: 43450

Ion Ratio Lower Upper

225 100

223 69.9 50.7 76.1

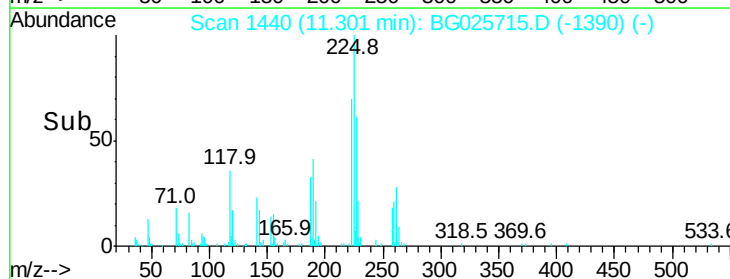
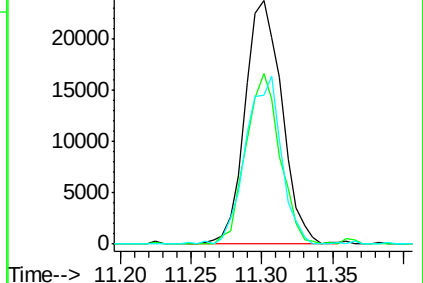
227 61.2 49.0 73.6

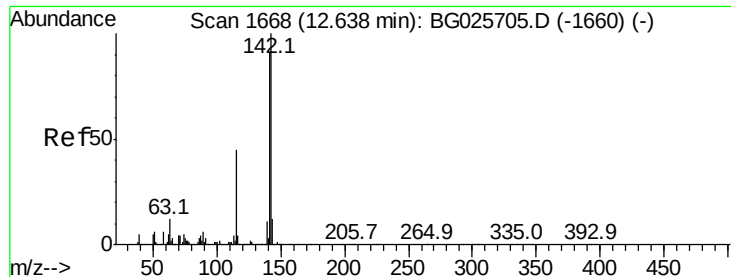


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#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

Instrument :

BNA_G

ClientSampleId :

0024DL

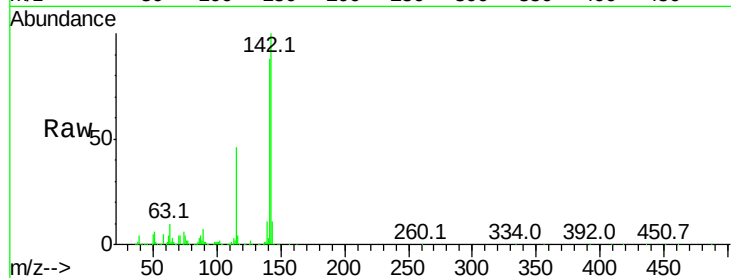
Tot Ion:142 Resp: 414886

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

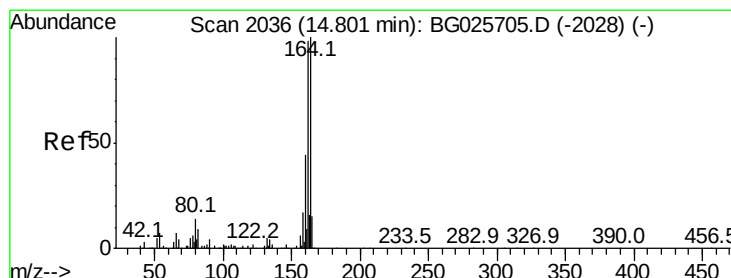
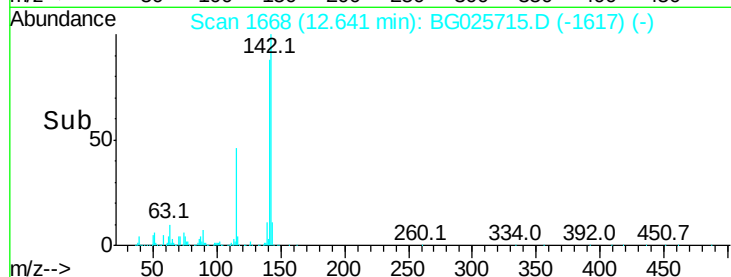
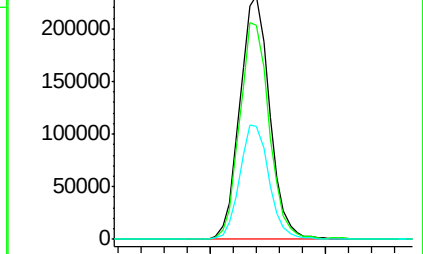
115 46.5 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#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

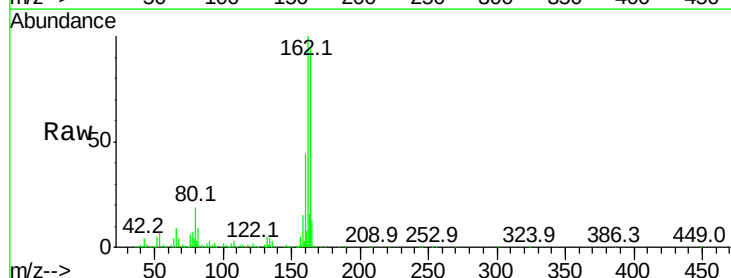
Tgt Ion:164 Resp: 223576

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

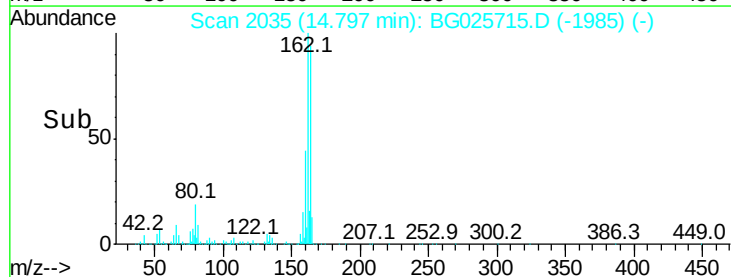
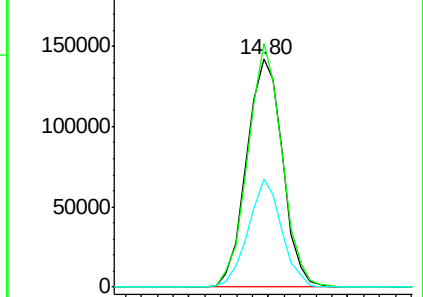
160 47.1 34.7 52.1

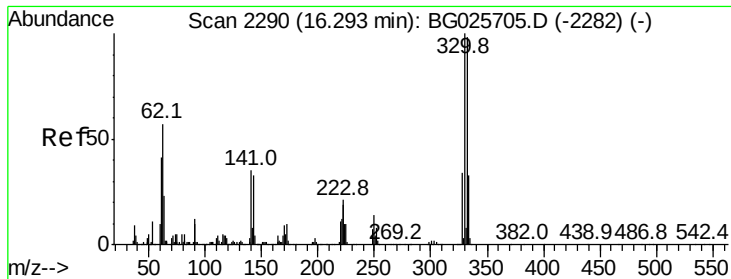


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

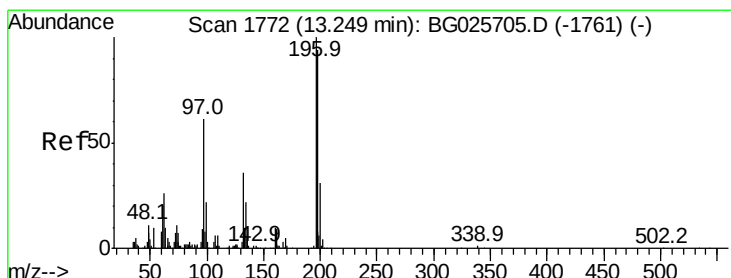
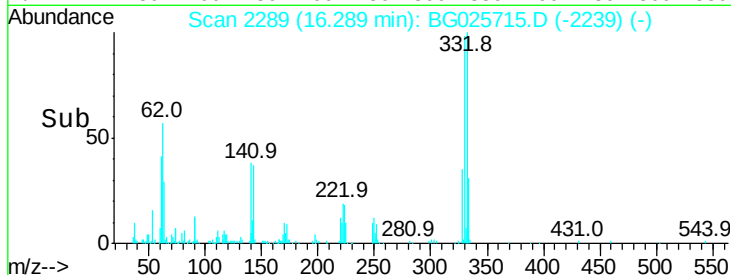
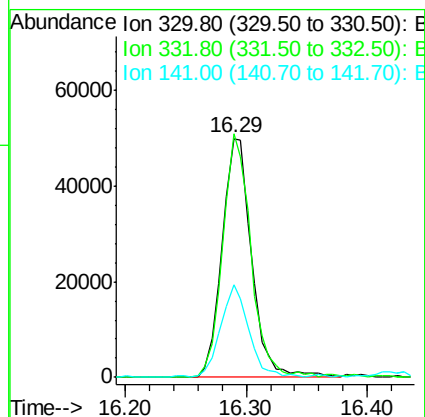
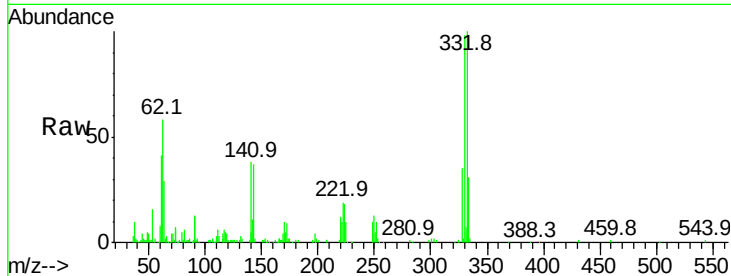




#41
 2,4,6-Tribromophenol
 Concen: 26.52 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

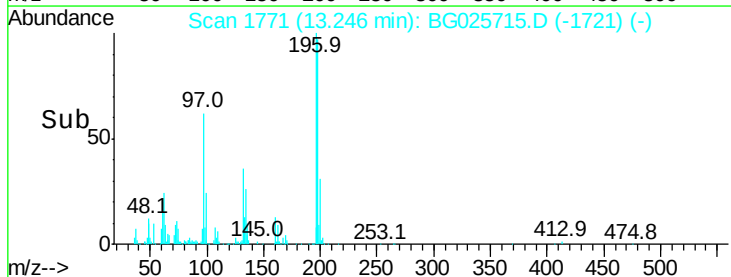
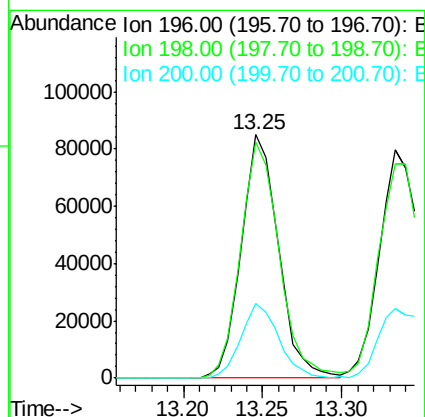
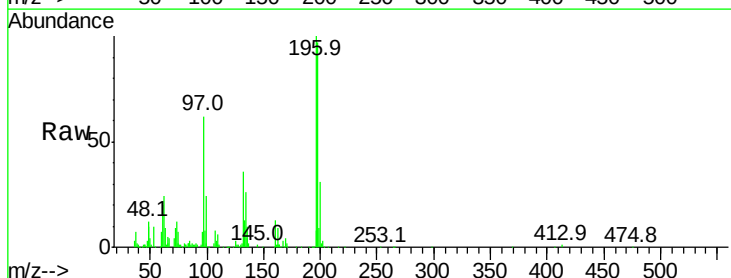
Instrument :
 BNA_G
 ClientSampleId :
 0024DL

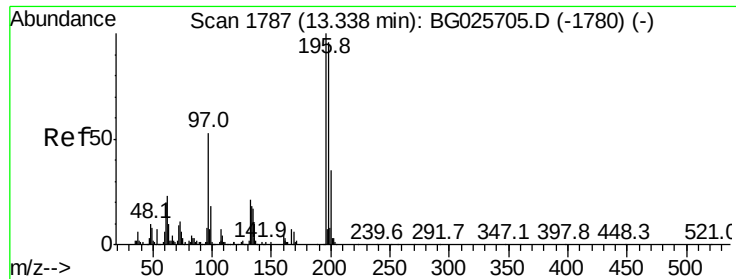
Tot Ion:330 Resp: 84562
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 36.9 32.1 48.1



#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

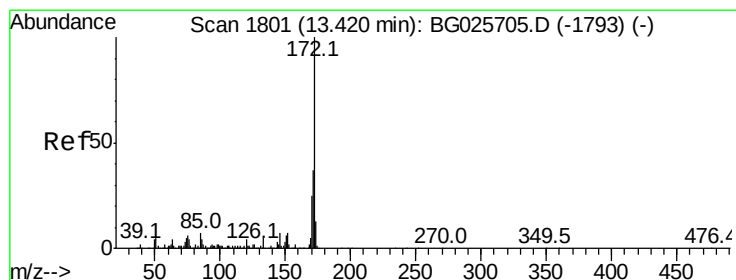
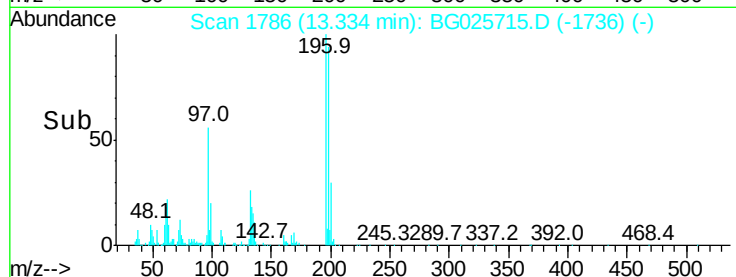
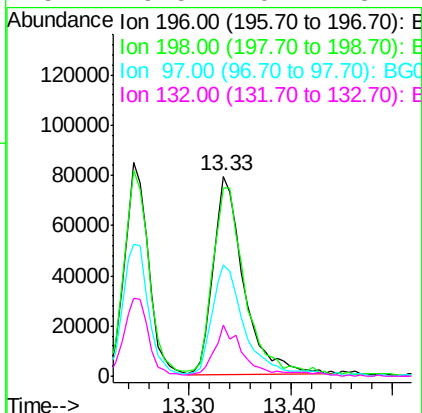
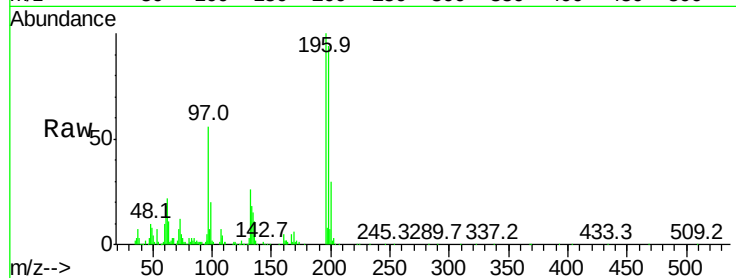




#43
2,4,5-Trichlorophenol
Concen: 34.98 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

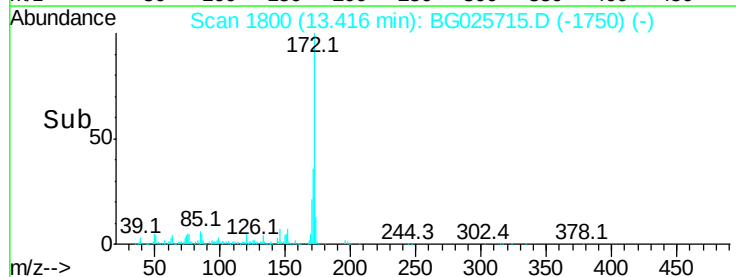
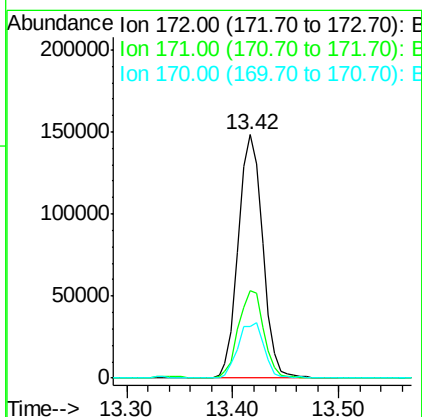
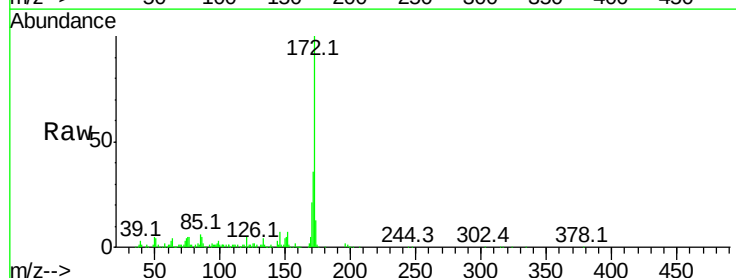
Instrument :
BNA_G
ClientSampleId :
0024DL

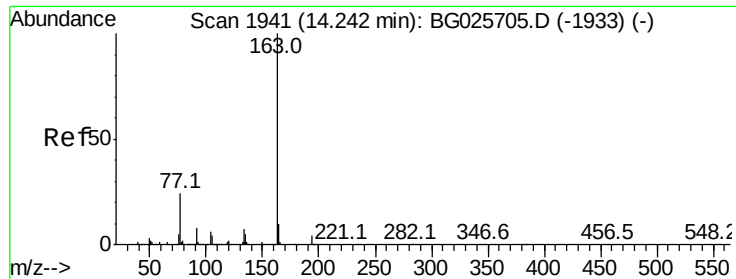
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	79.9	119.9
97	55.6	45.4	68.0
132	25.5	20.7	31.1



#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	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	21.0	21.8	32.6





#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

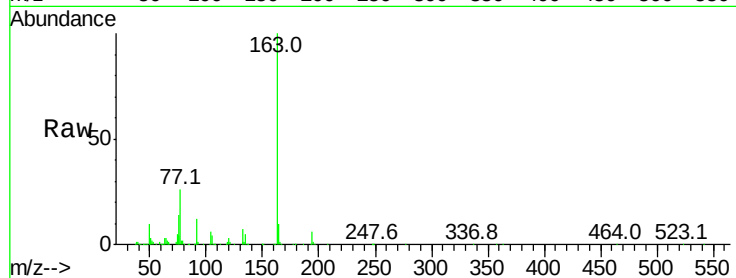
Tot Ion:163 Resp: 453286

Ion Ratio Lower Upper

163 100

194 5.6 3.8 5.6

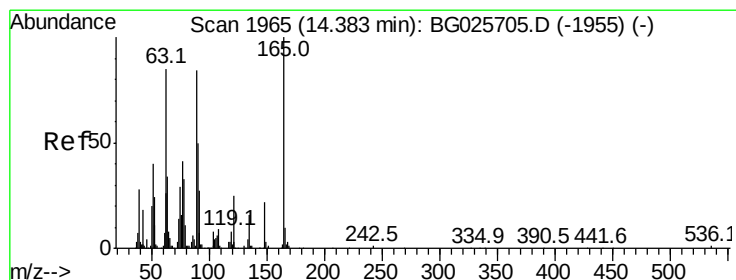
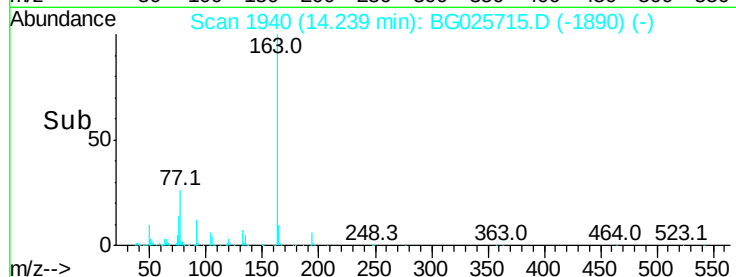
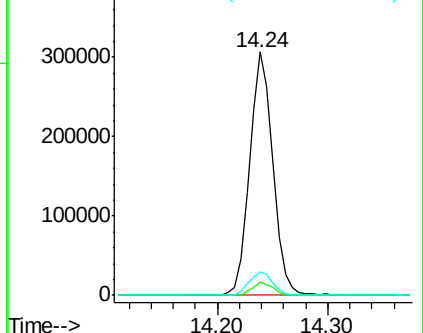
164 9.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

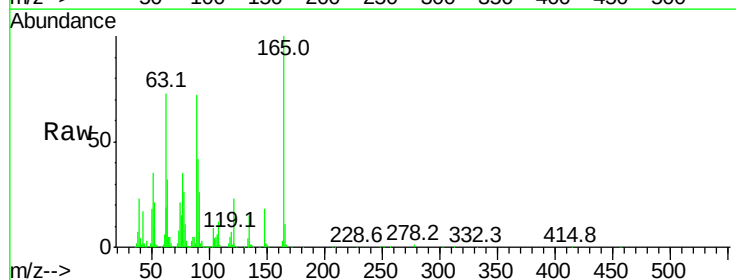
Tgt Ion:165 Resp: 163707

Ion Ratio Lower Upper

165 100

63 73.4 63.9 95.9

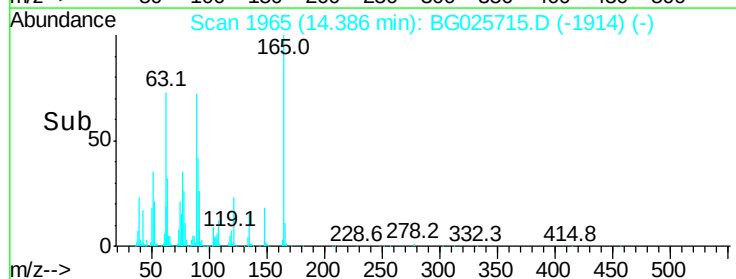
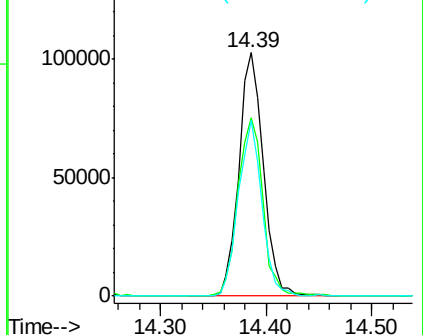
89 72.0 58.6 88.0

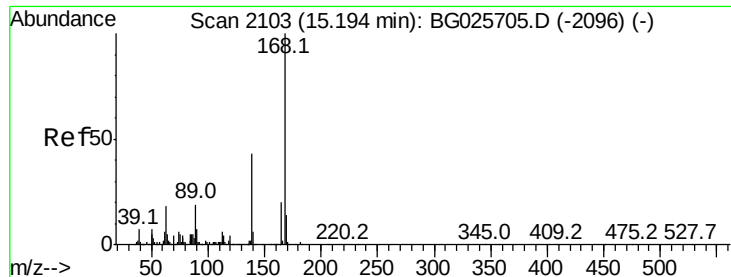


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#54

Dibenzenofuran

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

Instrument :

BNA_G

ClientSampleId :

0024DL

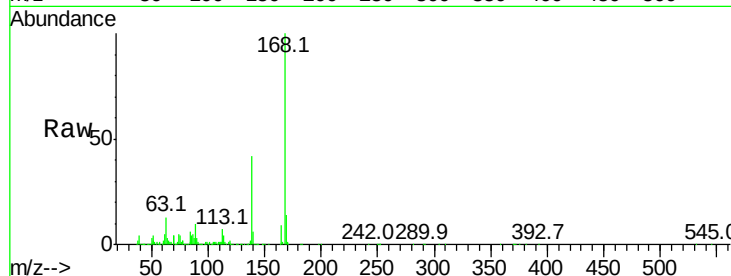
Tot Ion:168 Resp: 750364

Ion Ratio Lower Upper

168 100

139 41.7 35.3 52.9

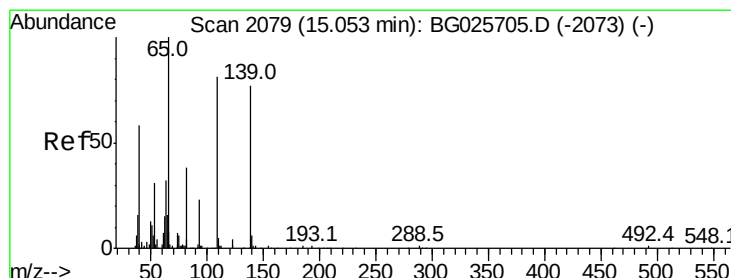
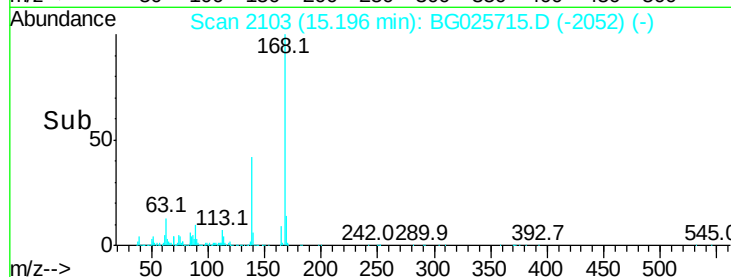
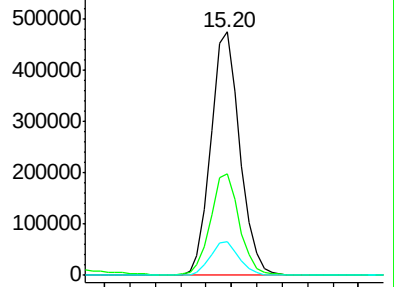
169 13.8 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 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

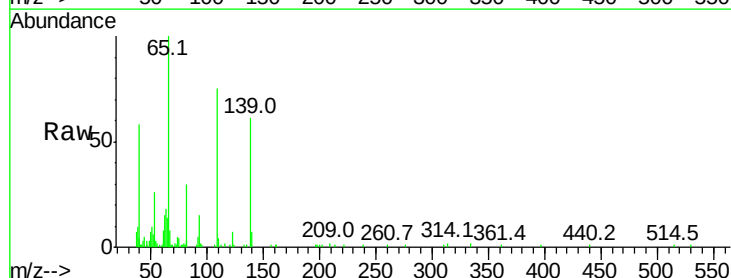
Tgt Ion:139 Resp: 39597

Ion Ratio Lower Upper

139 100

109 123.9 101.2 141.2

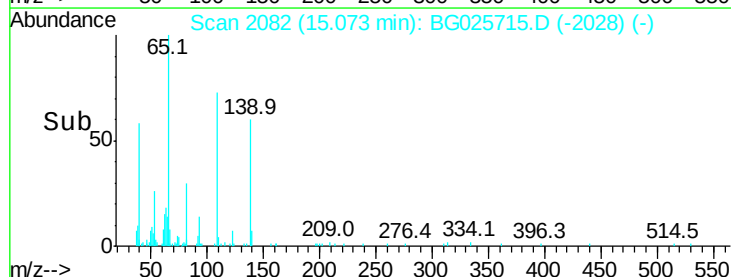
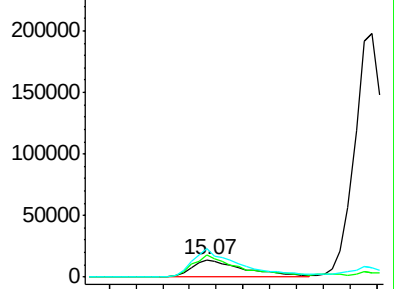
65 164.6 135.3 175.3

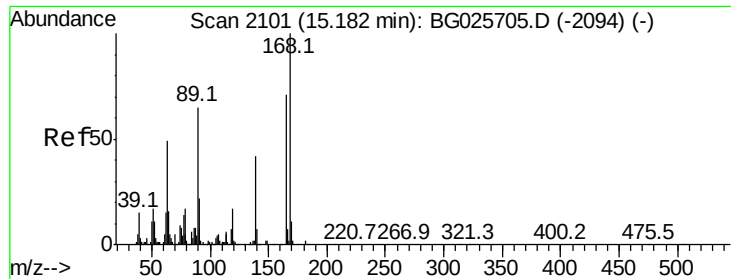


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

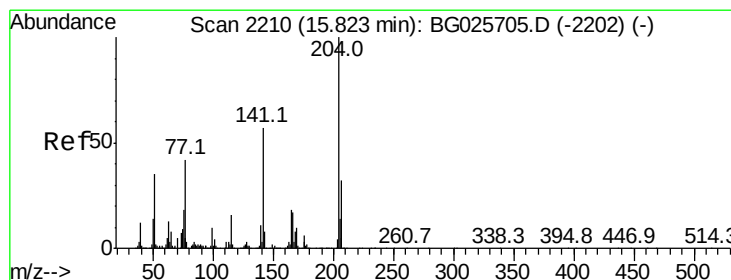
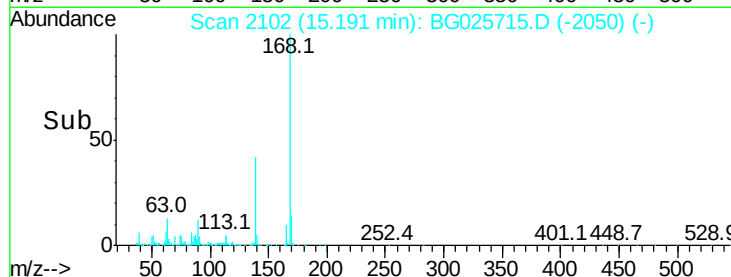
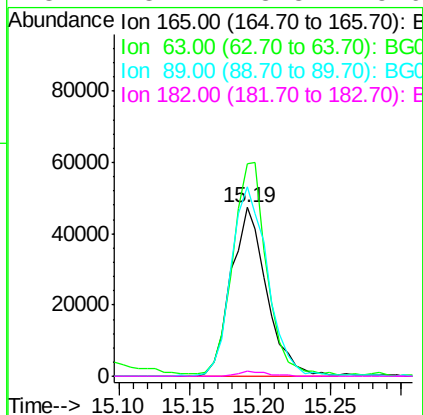
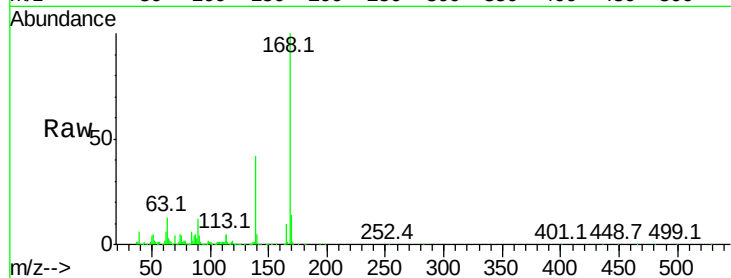




#56
 2,4-Dinitrotoluene
 Concen: 14.94 ng
 RT: 15.19 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BG025715.D
 Acq: 30 Jan 2017 21:49

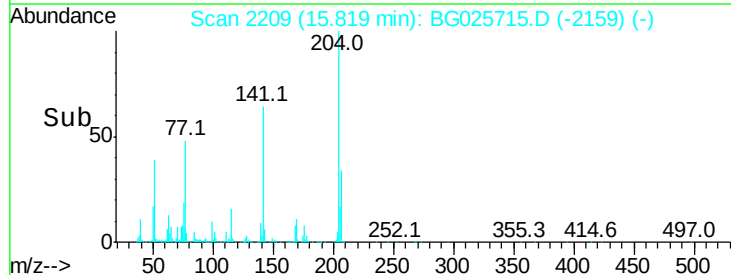
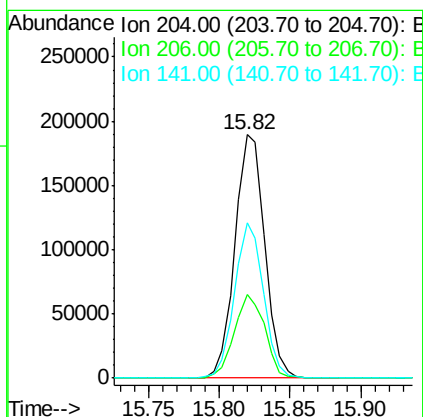
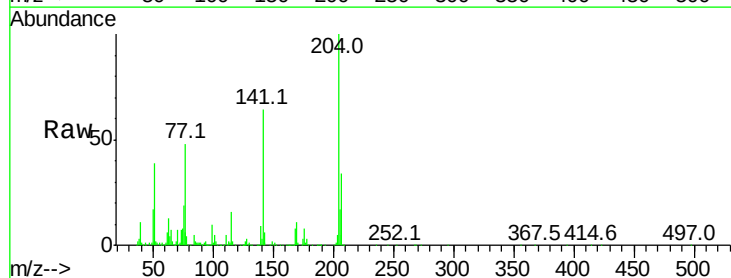
Instrument :
 BNA_G
 ClientSampleId :
 0024DL

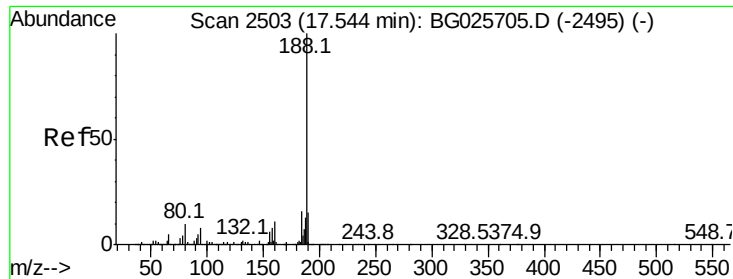
Tot Ion:165 Resp: 83364
 Ion Ratio Lower Upper
 165 100
 63 126.4 44.0 66.0#
 89 112.2 67.3 100.9#
 182 3.1 3.8 5.6#



#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

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

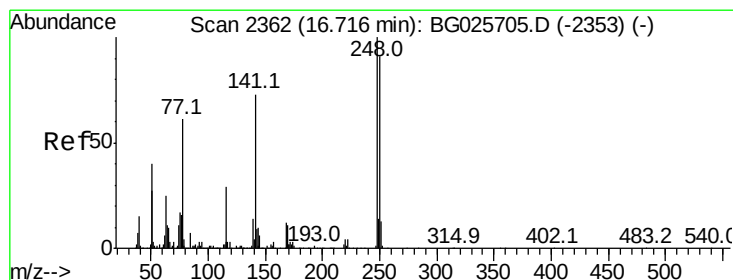
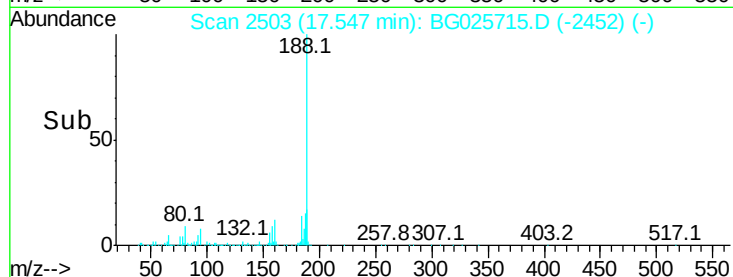
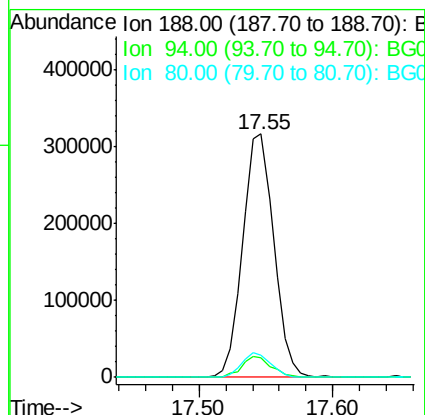
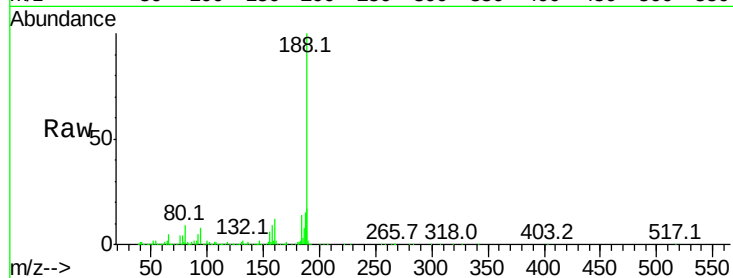




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

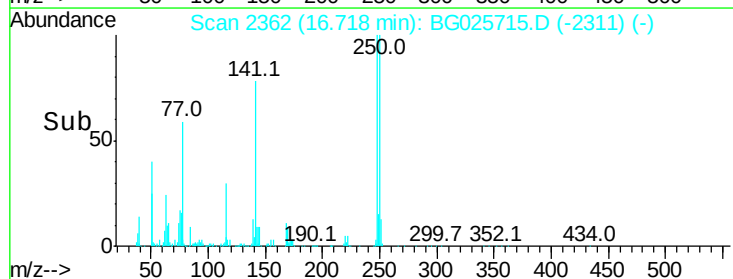
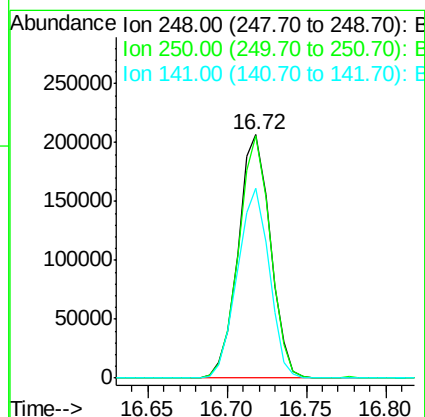
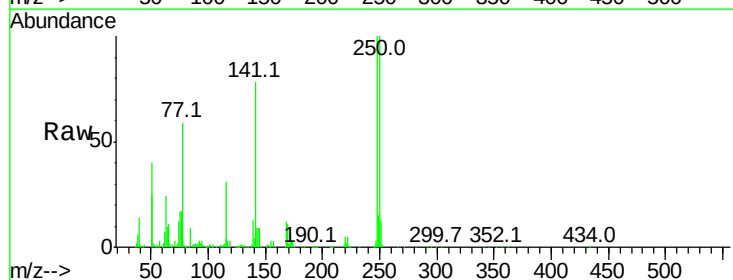
Instrument :
BNA_G
ClientSampleId :
0024DL

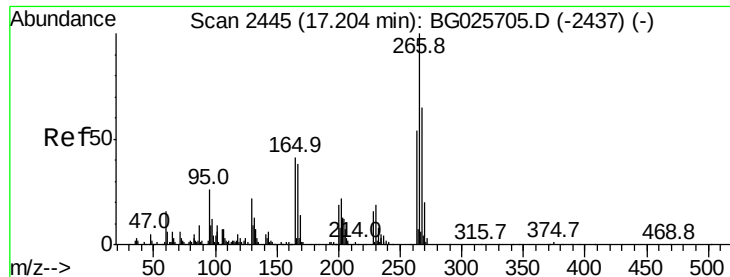
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.8	8.8
80	9.3	7.5	11.3



#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	Ratio	Lower	Upper
248	100		
250	99.8	75.0	112.6
141	78.2	55.2	82.8





#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

Instrument :

BNA_G

ClientSampleId :

0024DL

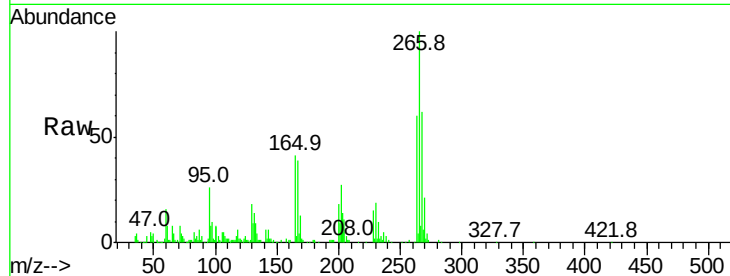
Tot Ion:266 Resp: 133015

Ion Ratio Lower Upper

266 100

268 61.7 48.6 72.8

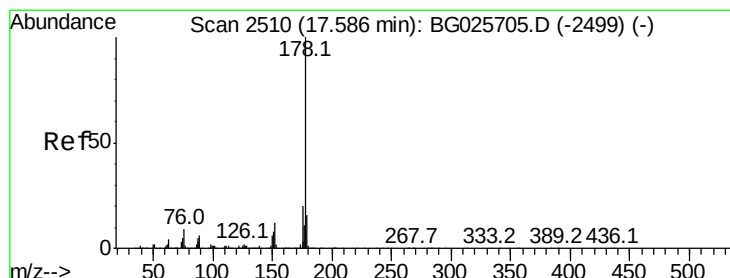
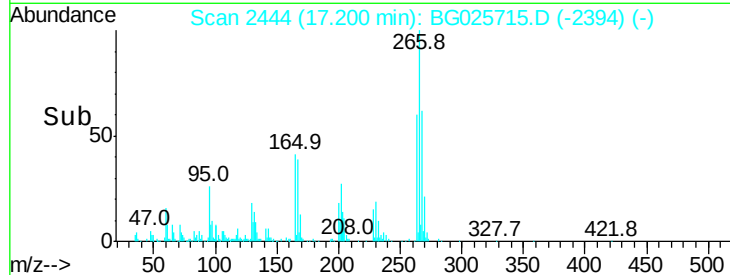
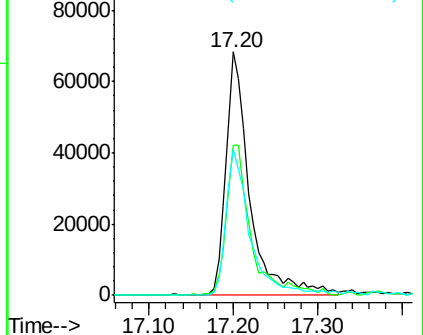
264 60.0 50.1 75.1



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

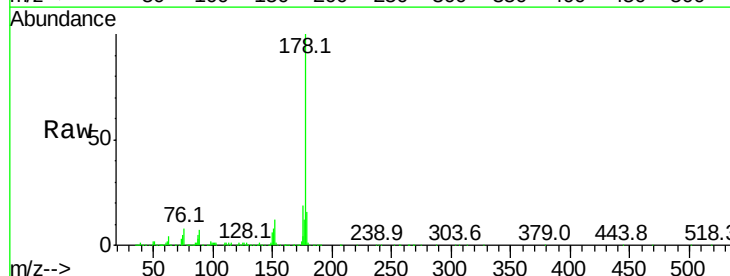
Tgt Ion:178 Resp: 605848

Ion Ratio Lower Upper

178 100

176 18.8 17.7 26.5

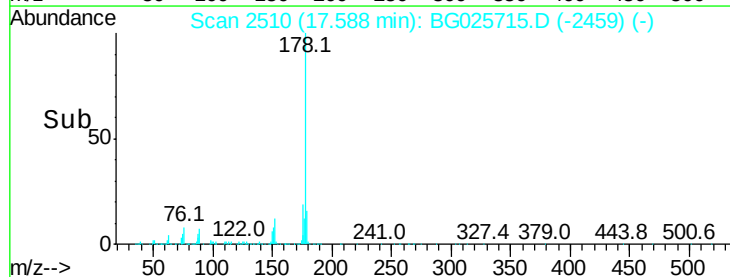
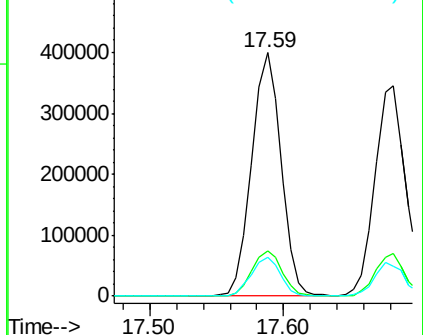
179 15.8 15.0 22.6

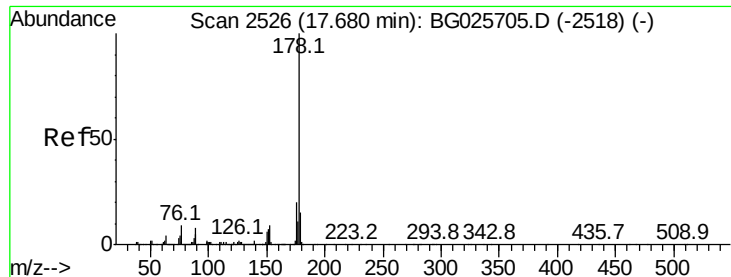


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

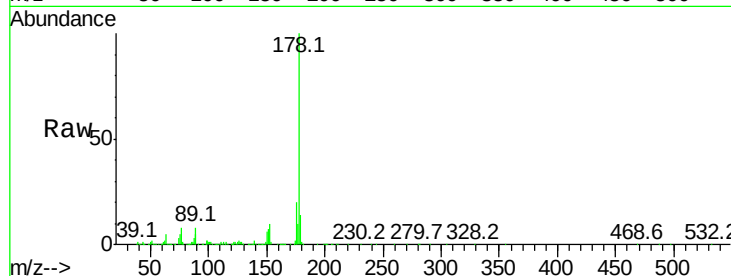
BNA_G

ClientSampleId :

0024DL

Tot Ion:178 Resp: 547804

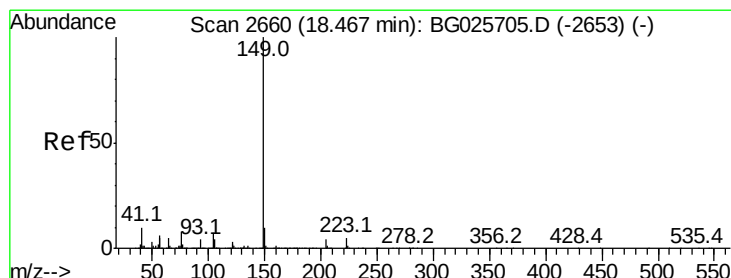
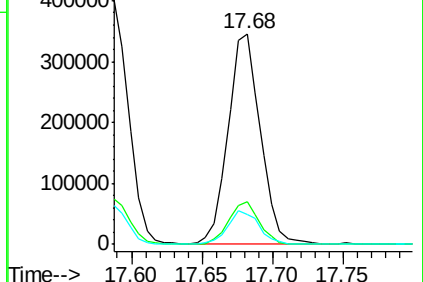
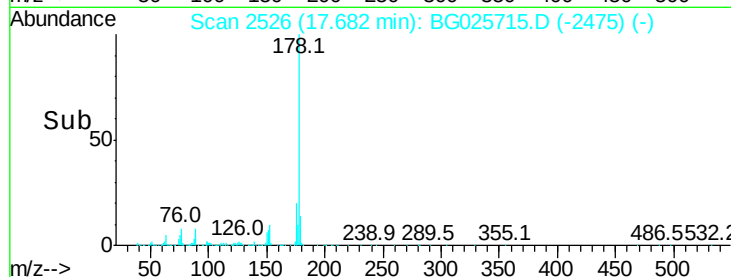
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	14.5	13.8	20.8



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

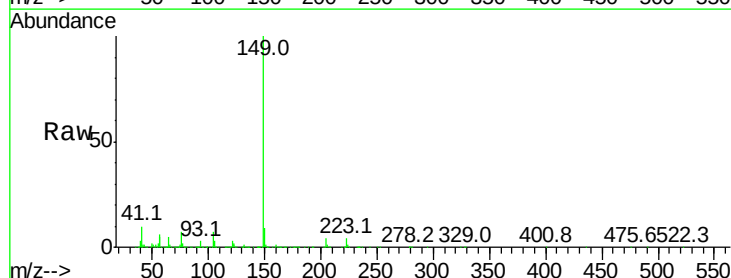
Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Tgt Ion:149 Resp: 1152383

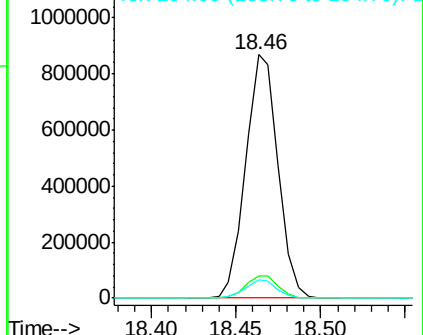
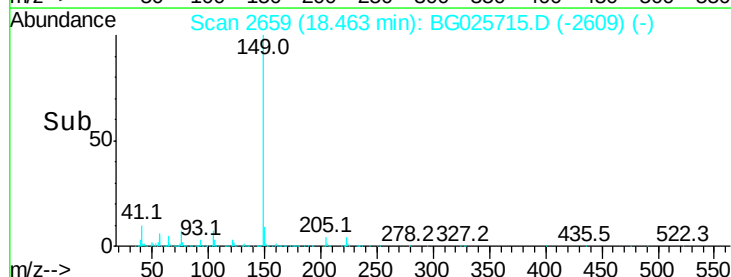
Ion	Ratio	Lower	Upper
149	100		
150	9.3	9.1	13.7
104	7.4	6.7	10.1

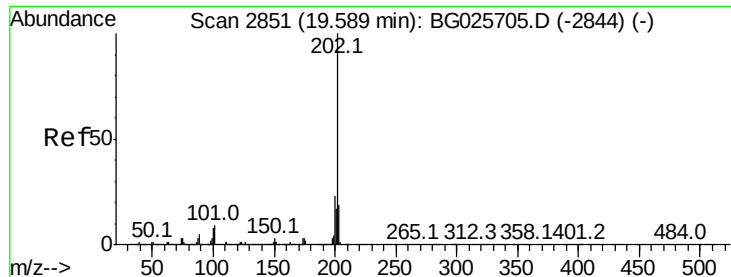


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

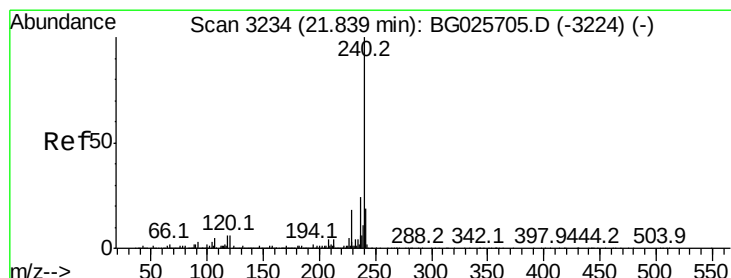
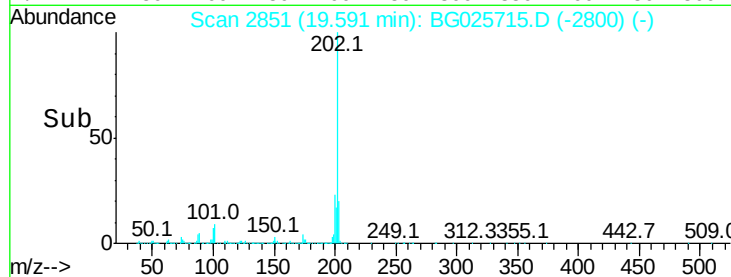
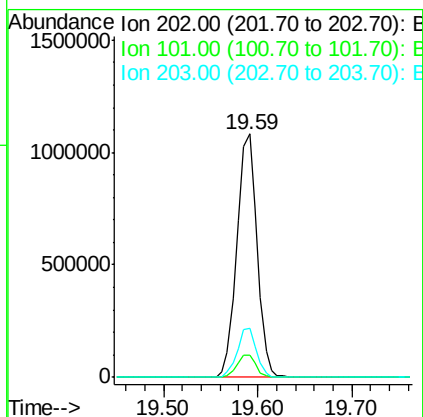
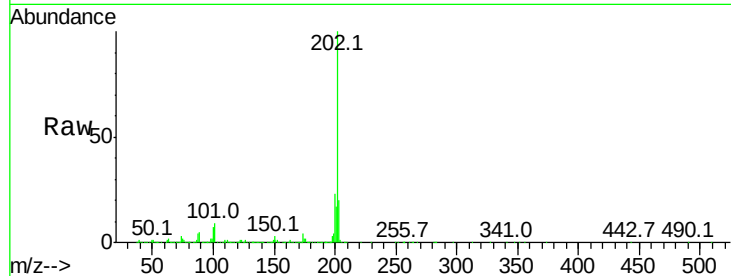




#74
Fluoranthene
Concen: 42.80 ng
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

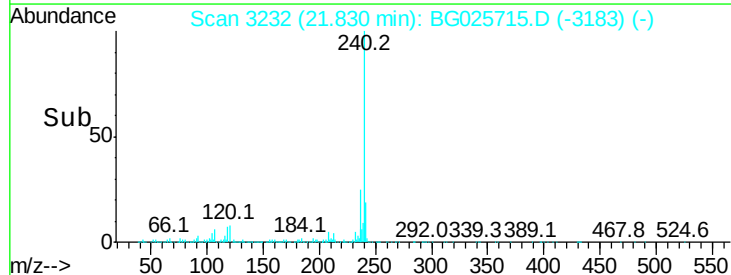
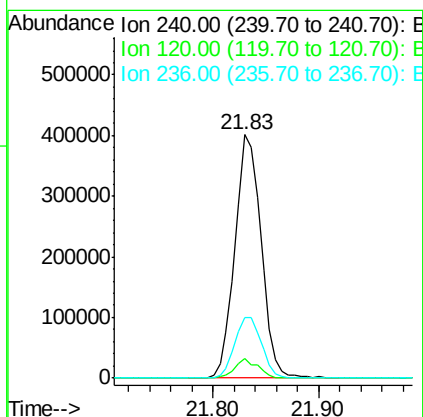
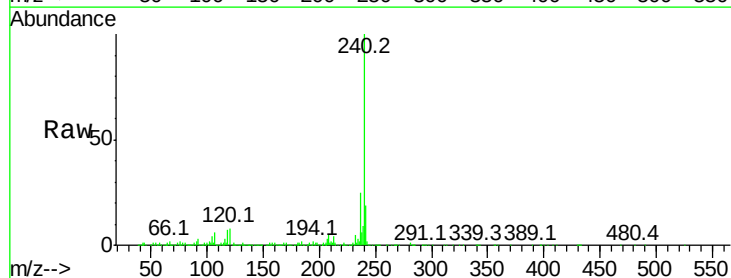
Instrument :
BNA_G
ClientSampleId :
0024DL

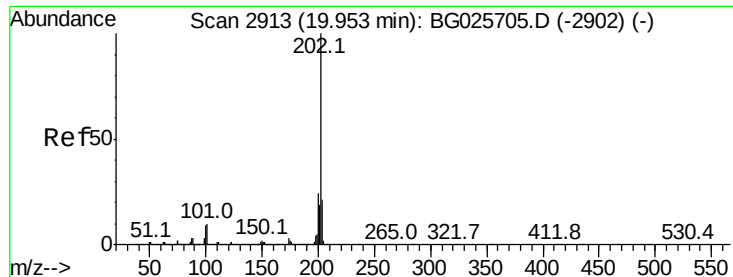
Tot Ion:202 Resp: 1617968
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.1
203 20.1 1.3 41.3



#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

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

Pvrene

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

Instrument :

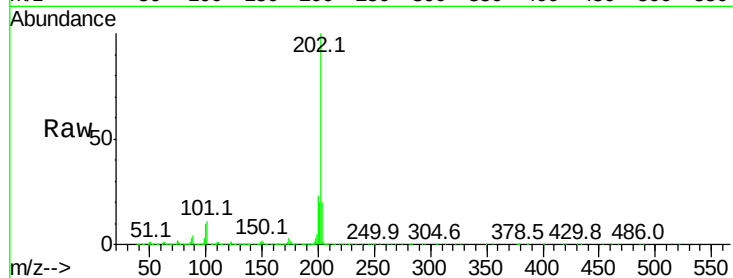
BNA_G

ClientSampleId :

0024DL

Tot Ion:202 Resp: 1420400

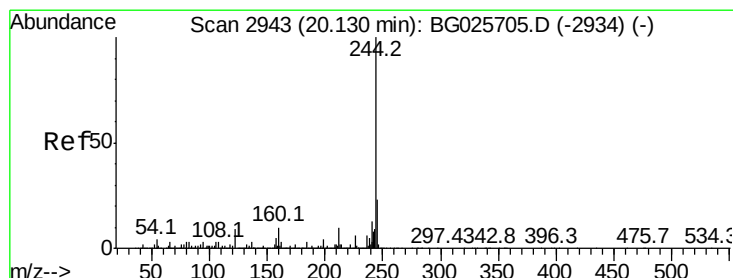
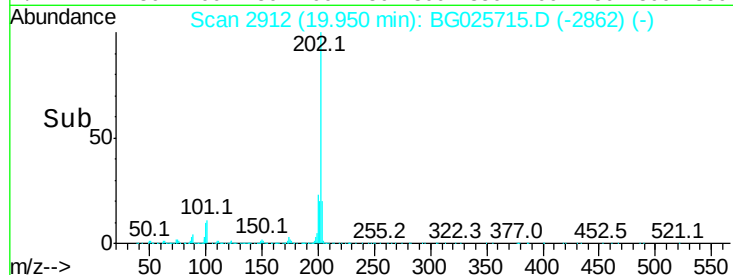
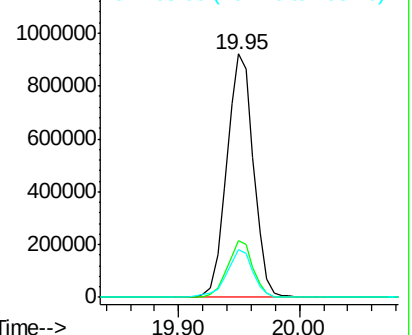
Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.6	29.4
203	19.8	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 18.28 ng

RT: 20.13 min Scan# 2942

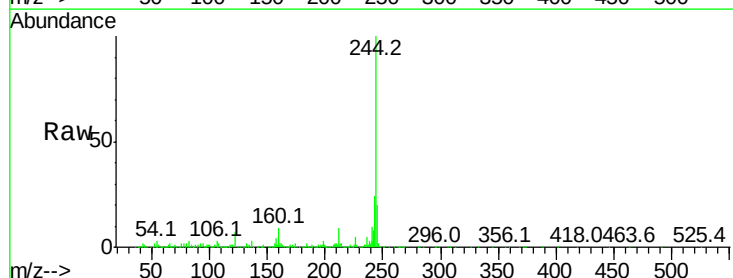
Delta R.T. -0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Tgt Ion:244 Resp: 520180

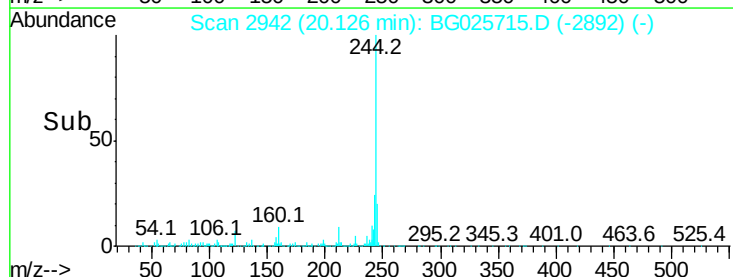
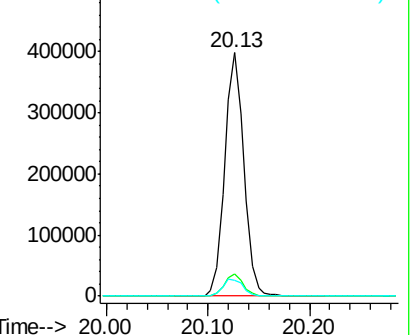
Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	6.7	8.6	12.8#

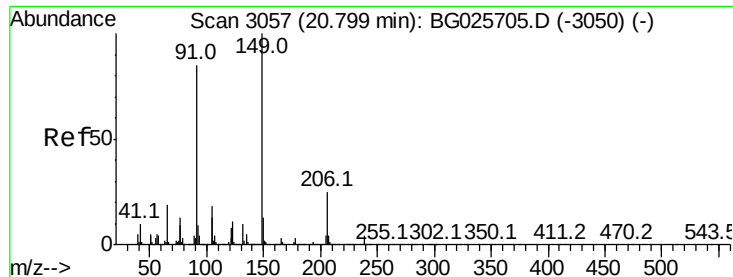


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

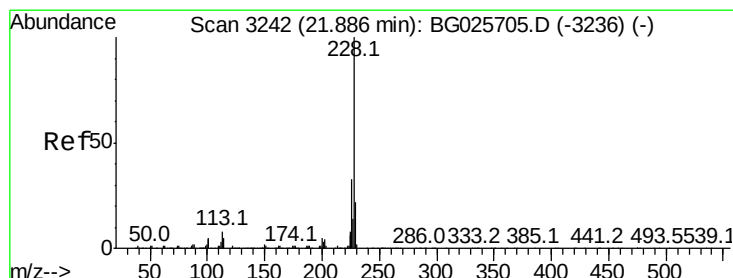
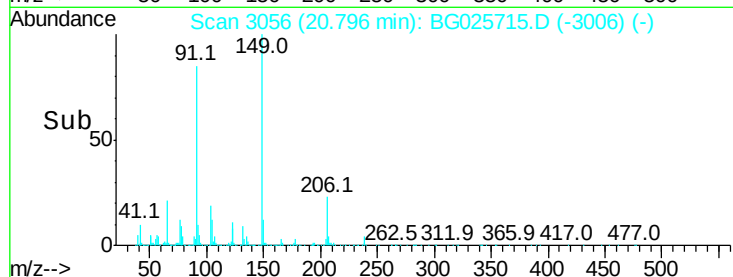
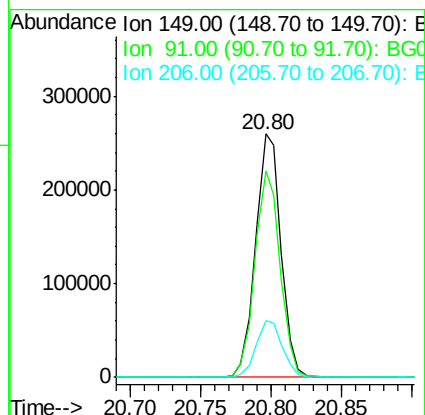
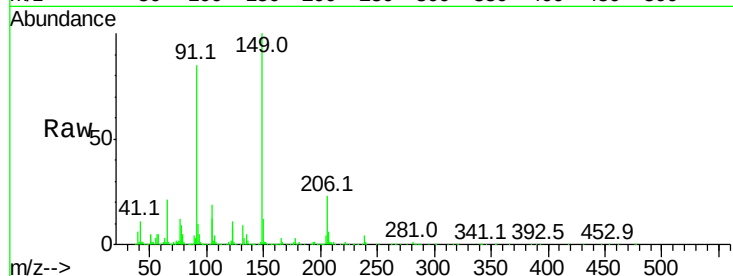




#79
Butylbenzylphthalate
Concen: 20.80 ng
RT: 20.80 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

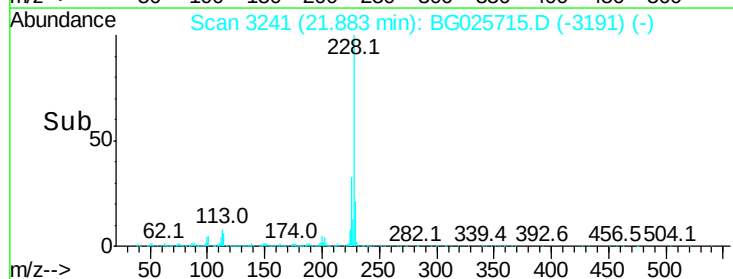
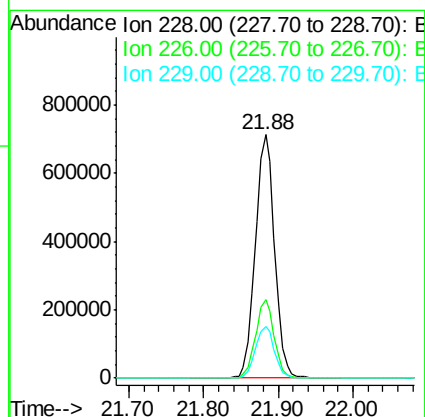
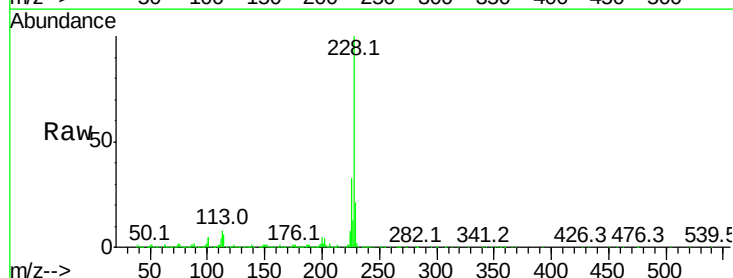
Instrument :
BNA_G
ClientSampleId :
0024DL

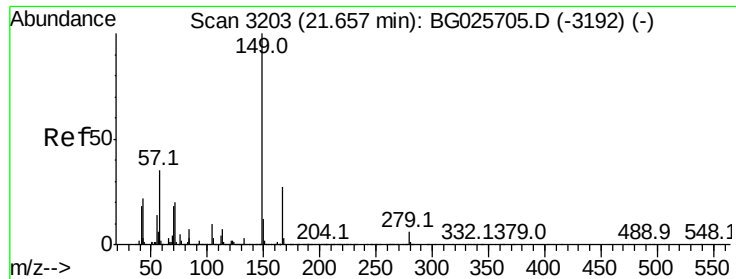
Tot Ion:149 Resp: 330374
Ion Ratio Lower Upper
149 100
91 84.8 63.5 95.3
206 23.2 21.0 31.6



#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 :

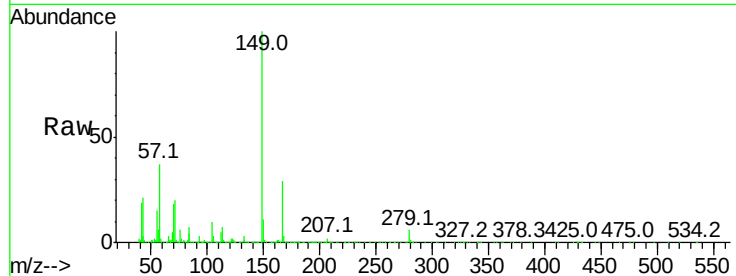
BNA_G

ClientSampleId :

0024DL

Tot Ion:149 Resp: 952833

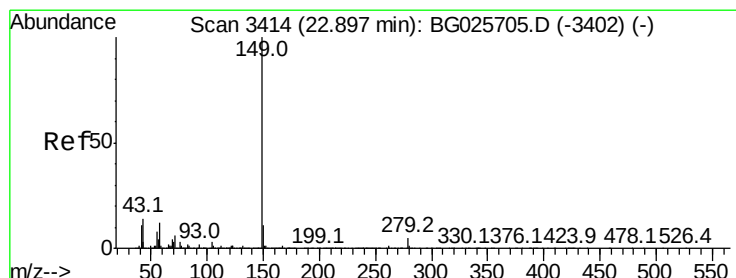
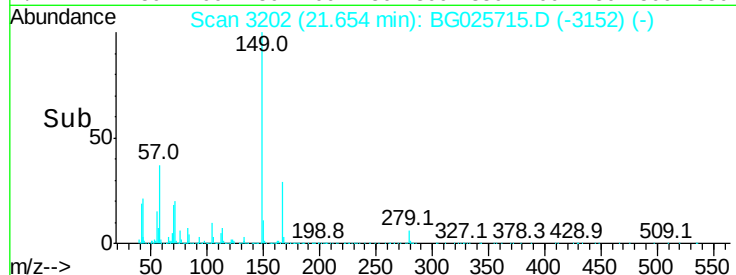
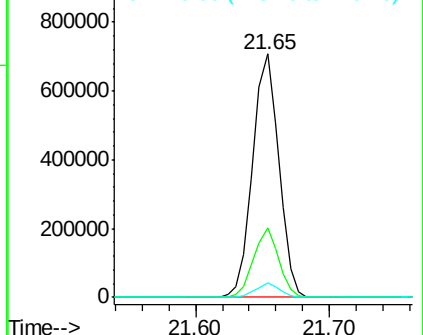
Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.7	35.5
279	5.8	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.70 ng

RT: 22.90 min Scan# 3414

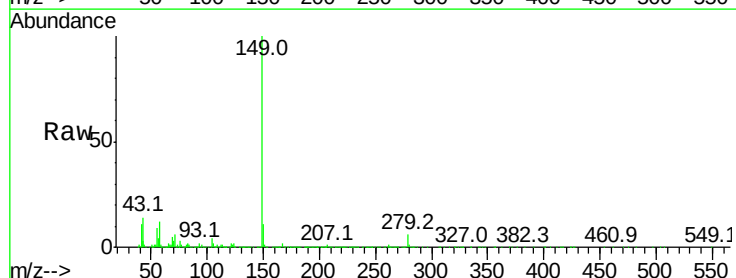
Delta R.T. 0.00 min

Lab File: BG025715.D

Acq: 30 Jan 2017 21:49

Tgt Ion:149 Resp: 1534257

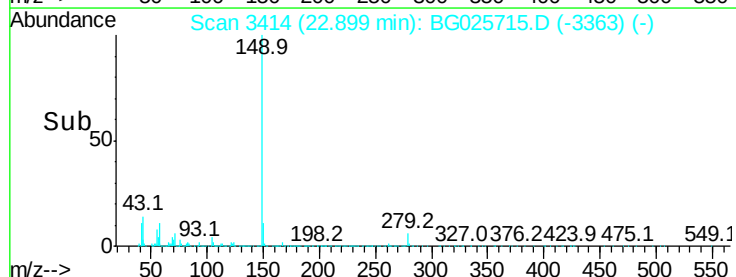
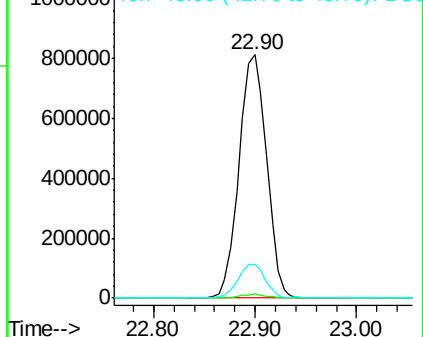
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	13.7	11.8	17.6

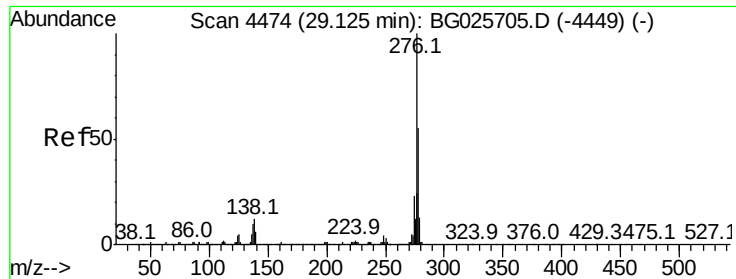


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#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

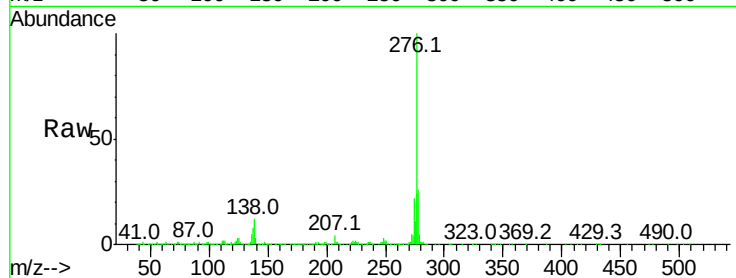
Tot Ion:276 Resp: 1407760

Ion Ratio Lower Upper

276 100

138 12.8 4.7 7.1#

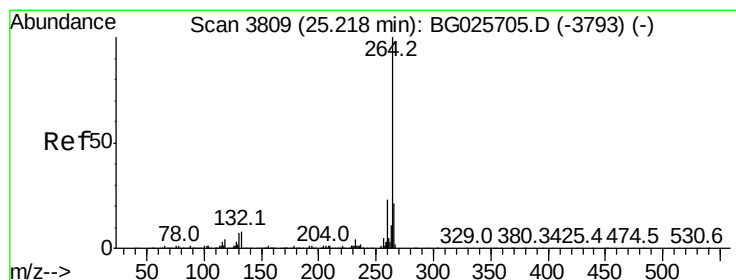
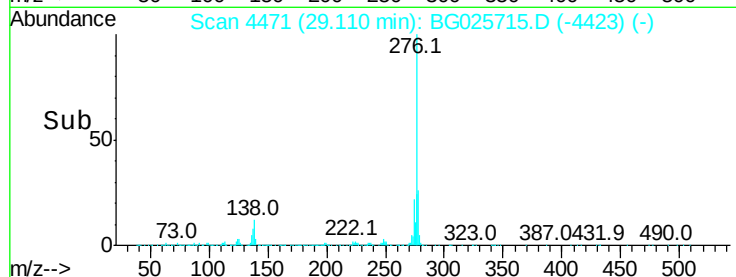
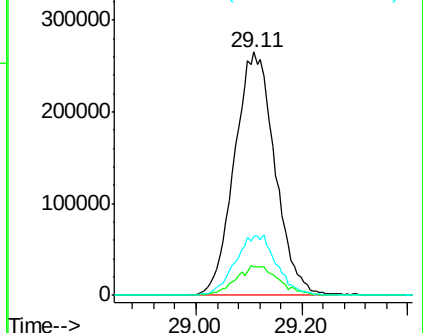
277 0.0 20.6 31.0#



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

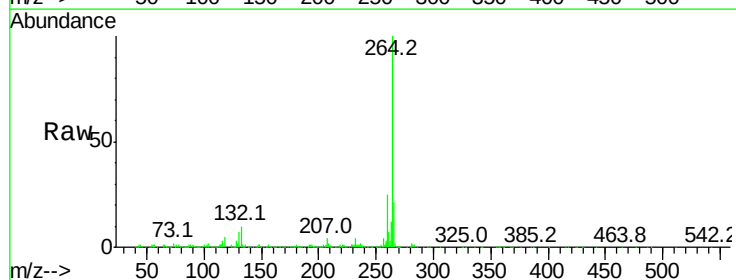
Tgt Ion:264 Resp: 693439

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

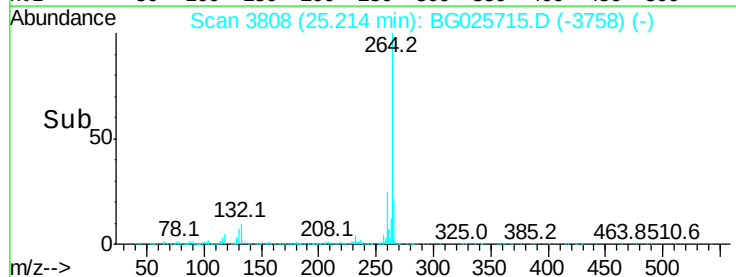
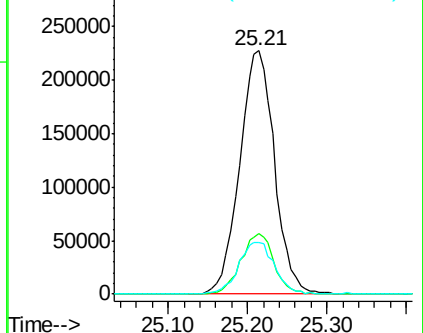
265 21.1 18.2 27.4

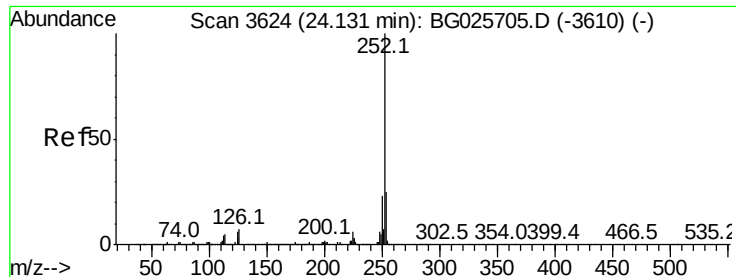


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

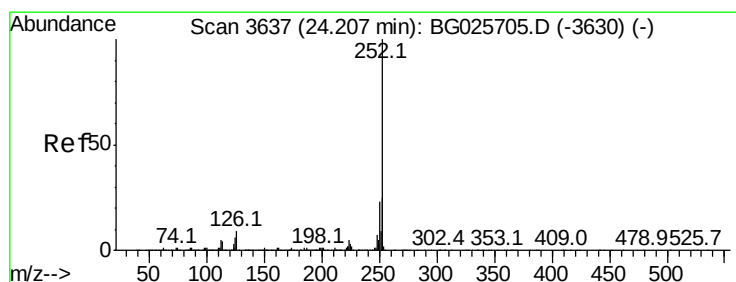
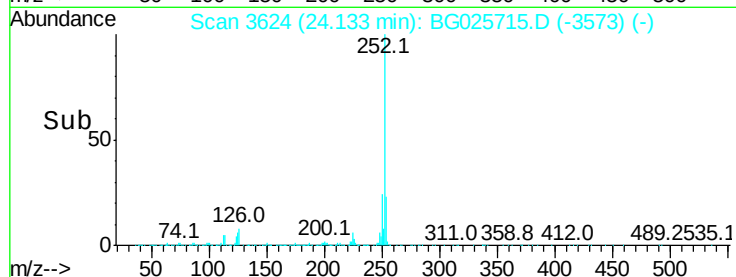
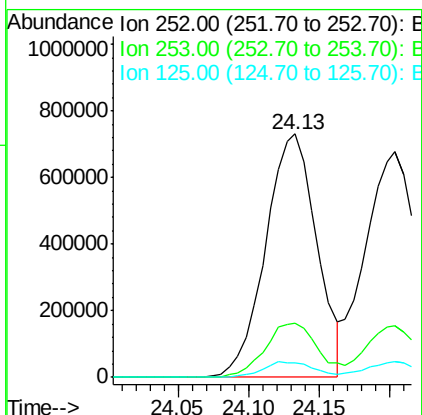
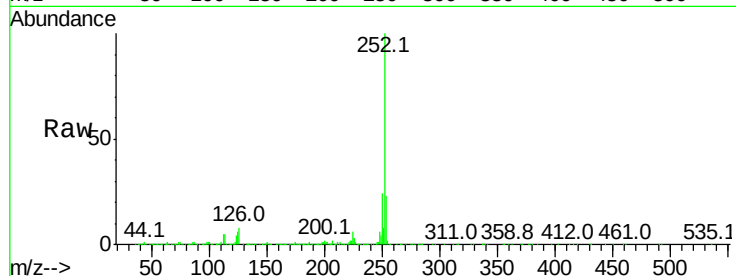




#87
Benzo(b)fluoranthene
Concen: 46.06 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BG025715.D
Acq: 30 Jan 2017 21:49

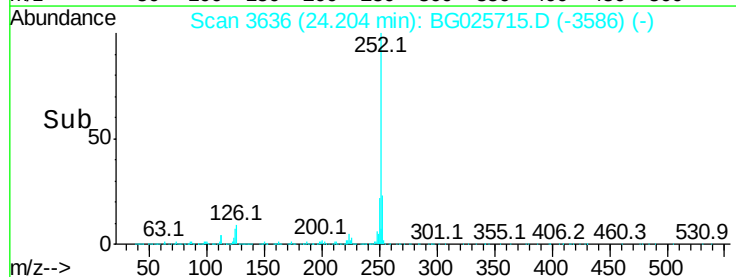
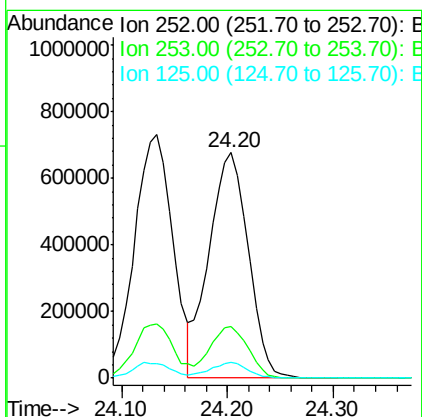
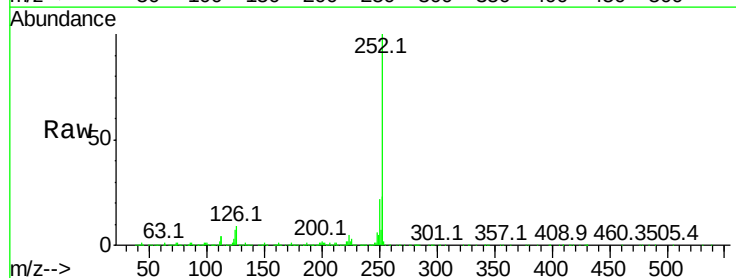
Instrument :
BNA_G
ClientSampleId :
0024DL

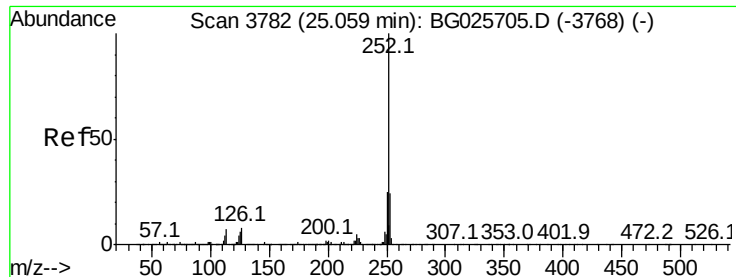
Tot Ion:252 Resp: 1846113
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 6.0 5.3 7.9



#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





#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

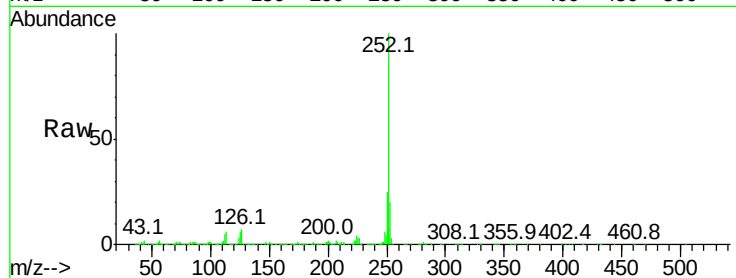
Tot Ion:252 Resp: 1119397

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



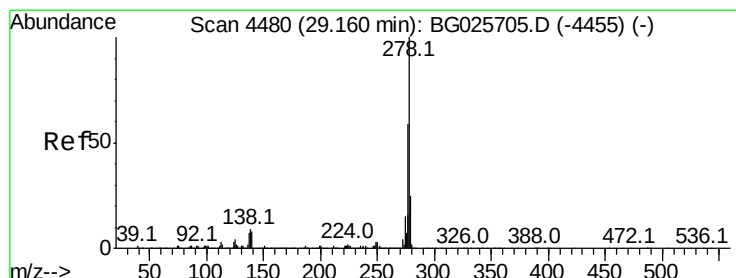
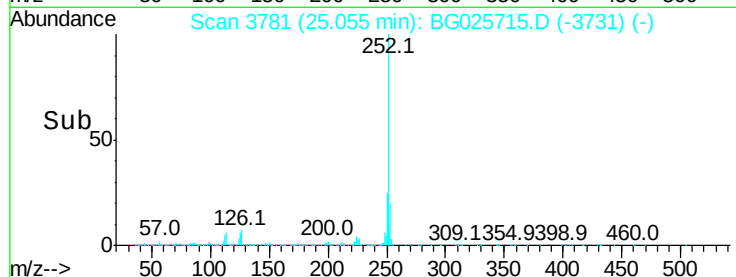
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

25.06

Time-->



#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

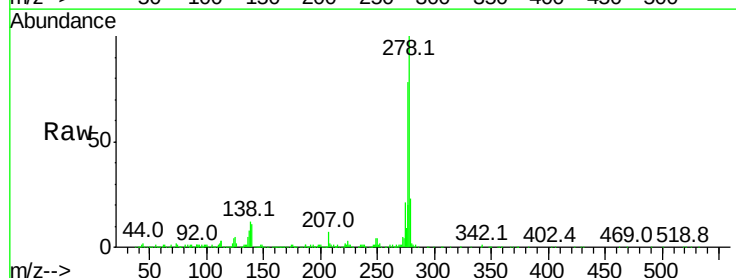
Tgt Ion:278 Resp: 798074

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

29.15

Time-->

