

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041316\
 Data File : BG021625.D
 Acq On : 13 Apr 2016 17:34
 Operator : UM/SJ
 Sample : H1739-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Apr 14 01:54:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27626	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	129847	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	86021	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	210455	20.00	ng	0.00
75) Chrysene-d12	21.83	240	244869	20.00	ng	0.00
86) Perylene-d12	25.16	264	237751	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	42294	25.49	ng	0.00
7) Phenol-d6	7.36	99	65958	26.62	ng	0.00
23) Nitrobenzene-d5	9.38	82	40157	15.90	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	21326	23.00	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	104328	17.77	ng	0.00
78) Terphenyl-d14	20.14	244	175756	17.91	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.96	42	24381	22.20	ng	# 90
6) Aniline	7.63	93	41614	12.70	ng	# 52
11) bis(2-Chloroethyl)ether	7.63	93	41614	19.51	ng	95
12) 1,3-Dichlorobenzene	8.11	146	61384	27.64	ng	94
13) 1,4-Dichlorobenzene	8.11	146	61384	27.15	ng	96
18) Hexachloroethane	9.31	117	16733	20.33	ng	# 84
24) Nitrobenzene	9.43	77	35597	13.16	ng	95
25) Isophorone	9.95	82	138713	25.09	ng	98
26) 2-Nitrophenol	9.95	139	2327	2.25	ng	# 78
30) 1,2,4-Trichlorobenzene	10.90	180	16524	7.68	ng	93
31) Naphthalene	11.08	128	28842	4.15	ng	# 95
37) 2-Methylnaphthalene	12.67	142	56990	11.95	ng	99
46) 2-Chloronaphthalene	13.71	162	155908	29.10	ng	96
49) Dimethylphthalate	14.27	163	218542	29.38	ng	100
50) 2,6-Dinitrotoluene	14.39	165	32162	22.68	ng	94
51) Acenaphthene	14.89	154	109194	19.28	ng	98
56) 2,4-Dinitrotoluene	15.17	165	16768	8.75	ng	# 99
57) Fluorene	15.87	166	149249	21.61	ng	96
59) Diethylphthalate	15.62	149	132300	17.04	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	76256	22.42	ng	99
66) 4-Bromophenyl-phenylether	16.75	248	8241	3.65	ng	92
67) Hexachlorobenzene	16.86	284	21731	9.13	ng	99
70) Phenanthrene	17.61	178	369059	31.82	ng	98
71) Anthracene	17.69	178	74378	6.32	ng	98
73) Di-n-butylphthalate	18.50	149	238178	17.04	ng	100
74) Fluoranthene	19.60	202	215108	15.53	ng	99
79) Butylbenzylphthalate	20.83	149	78556	11.99	ng	100
83) Bis(2-ethylhexyl)phthalate	21.71	149	314735	32.83	ng	99
84) Di-n-octyl phthalate	22.96	149	511833	31.87	ng	100
85) Indeno(1,2,3-cd)pyrene	28.97	276	106276	6.60	ng	# 83
87) Benzo(b)fluoranthene	24.10	252	350002	25.37	ng	98
88) Benzo(k)fluoranthene	24.10	252	350002	25.95	ng	98

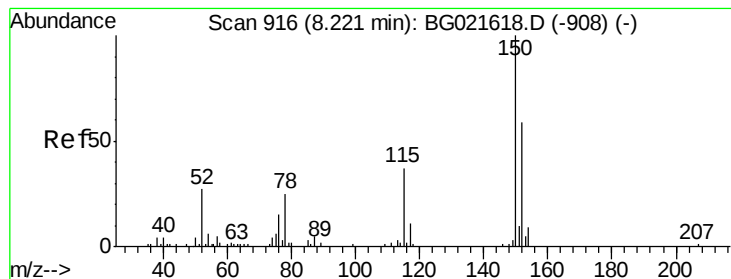
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041316\
Data File : BG021625.D
Acq On : 13 Apr 2016 17:34
Operator : UM/SJ
Sample : H1739-03DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 14 01:54:30 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

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

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

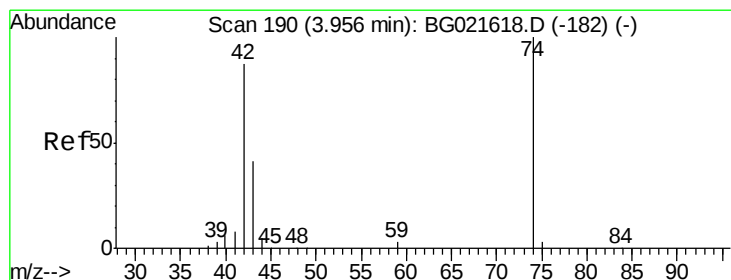
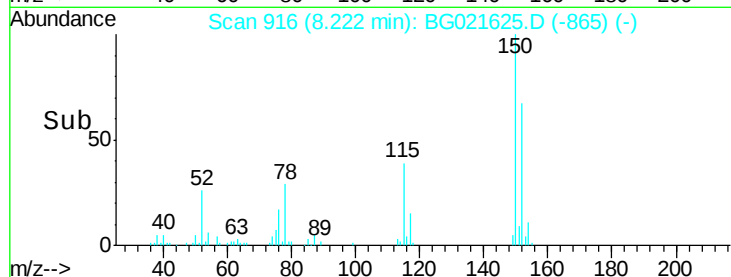
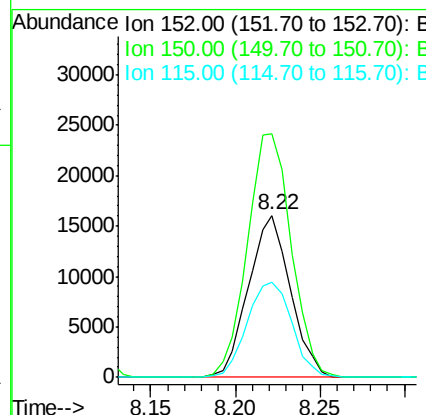
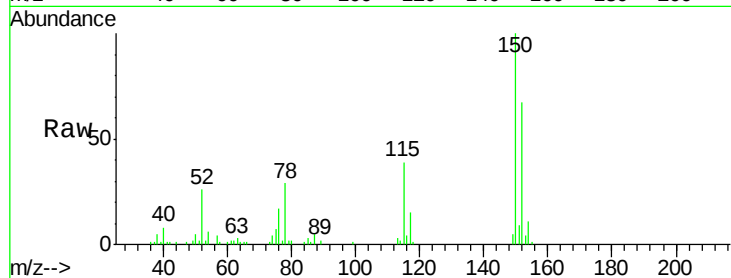


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

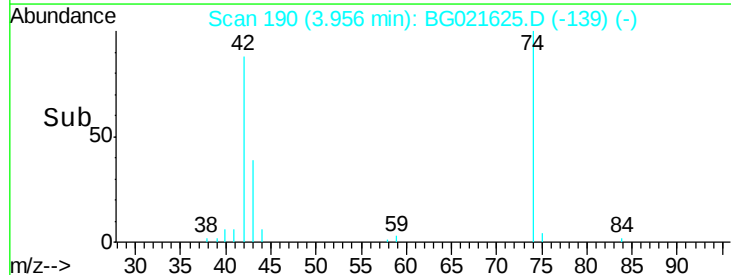
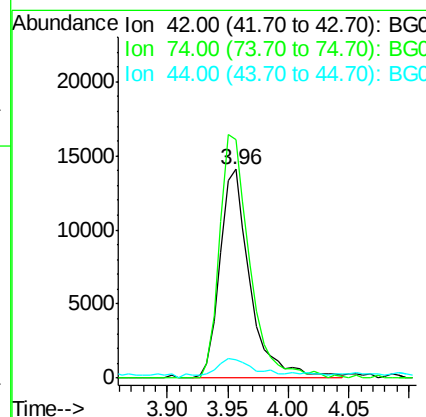
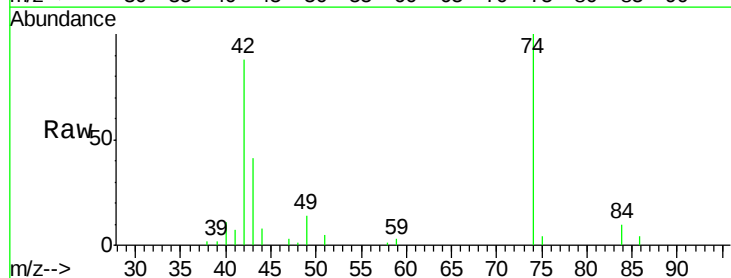
Tgt Ion:152 Resp: 27626
Ion Ratio Lower Upper
152 100
150 150.3 130.1 195.1
115 59.0 62.2 93.2#

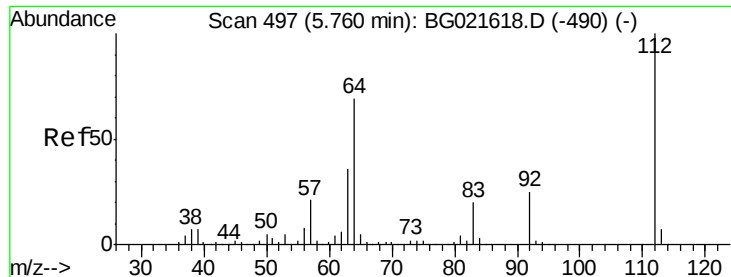


#4

n-Nitrosodimethylamine
Concen: 22.20 ng
RT: 3.96 min Scan# 190
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion: 42 Resp: 24381
Ion Ratio Lower Upper
42 100
74 114.2 83.0 124.4
44 9.0 11.0 16.6#





#5

2-Fluorophenol

Concen: 25.49 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

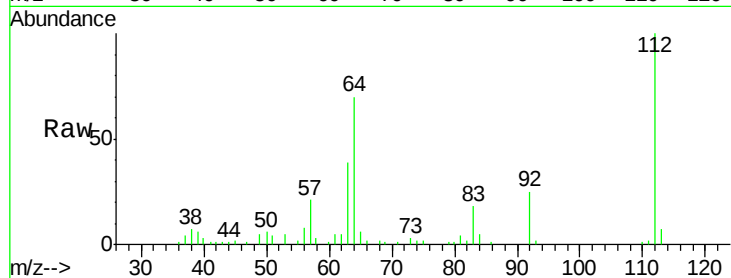
Tgt Ion: 112 Resp: 42294

Ion Ratio Lower Upper

112 100

64 70.3 51.1 76.7

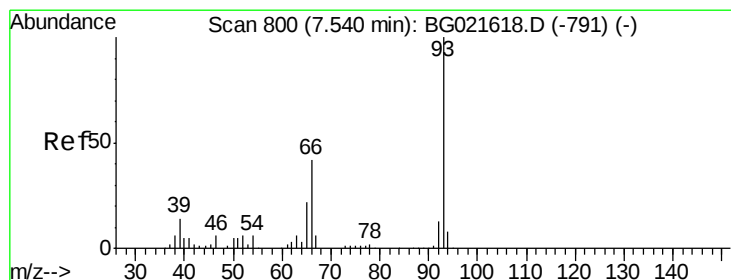
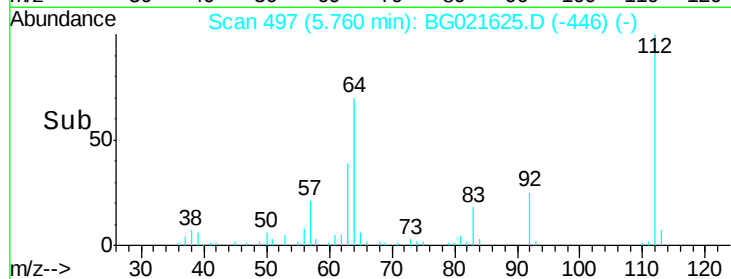
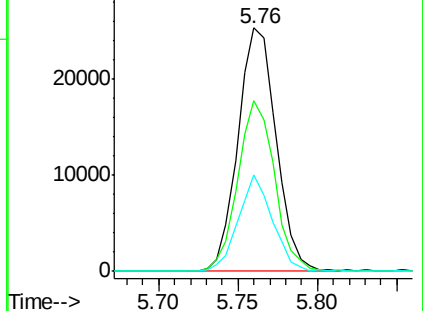
63 39.4 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.70 ng

RT: 7.63 min Scan# 815

Delta R.T. 0.09 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

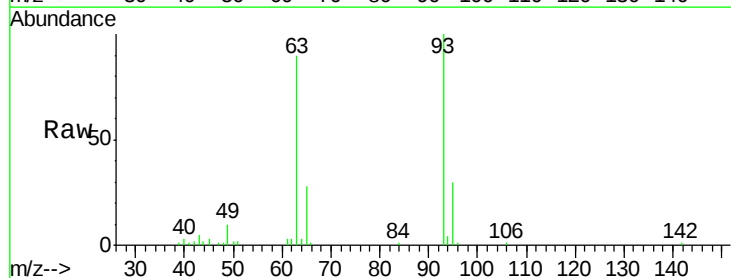
Tgt Ion: 93 Resp: 41614

Ion Ratio Lower Upper

93 100

66 0.8 36.3 54.5#

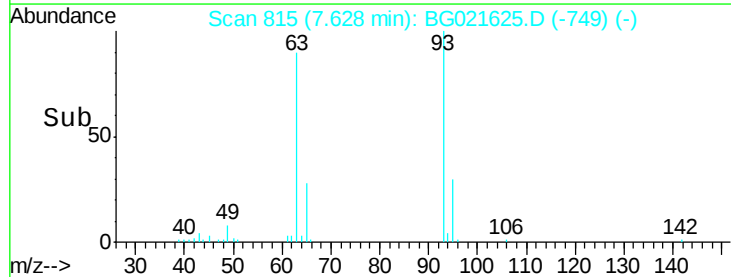
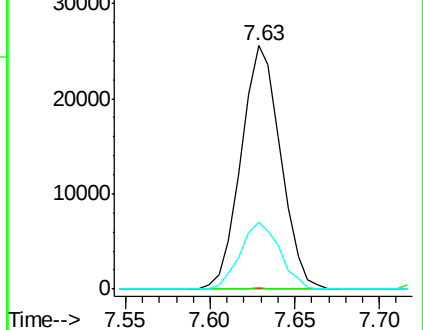
65 27.8 18.4 27.6#

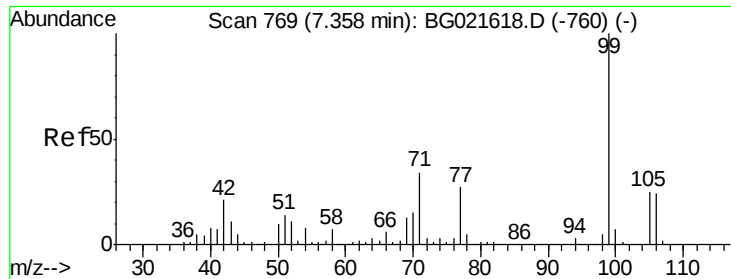


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 26.62 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

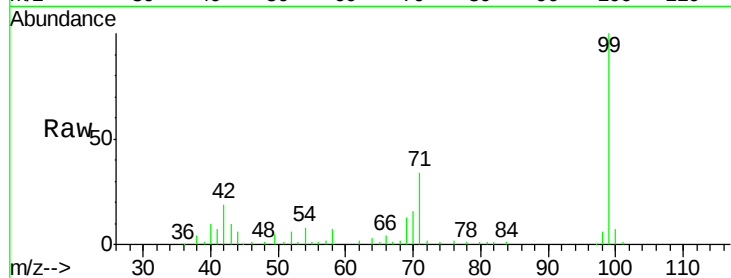
Tgt Ion: 99 Resp: 65958

Ion Ratio Lower Upper

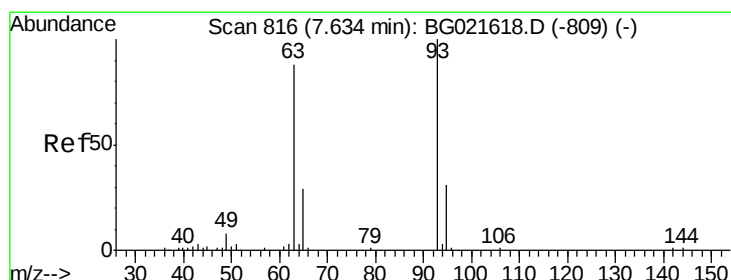
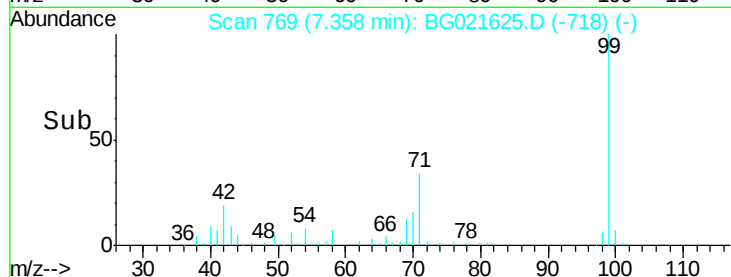
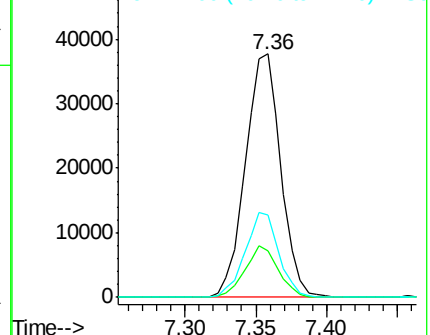
99 100

42 19.2 16.4 24.6

71 33.8 25.0 37.4



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



#11

bis(2-Chloroethyl)ether

Concen: 19.51 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

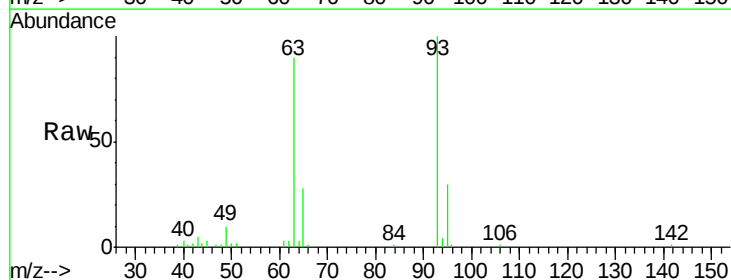
Tgt Ion: 93 Resp: 41614

Ion Ratio Lower Upper

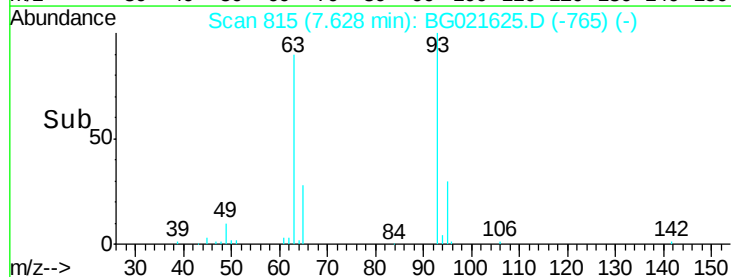
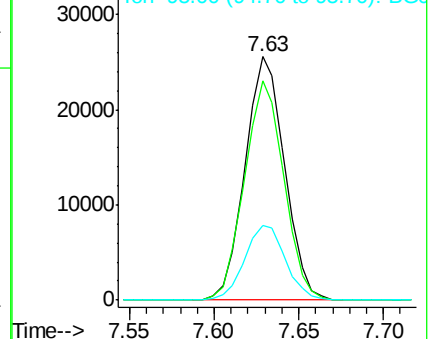
93 100

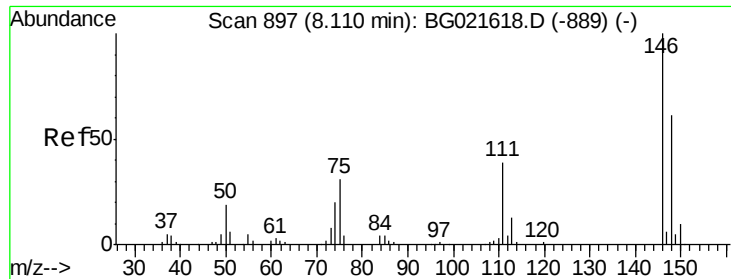
63 89.8 74.9 114.9

95 30.5 8.3 48.3



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

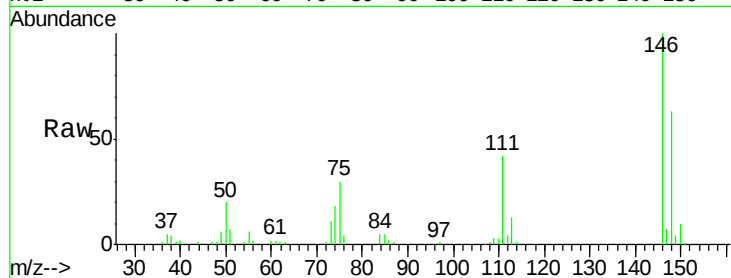




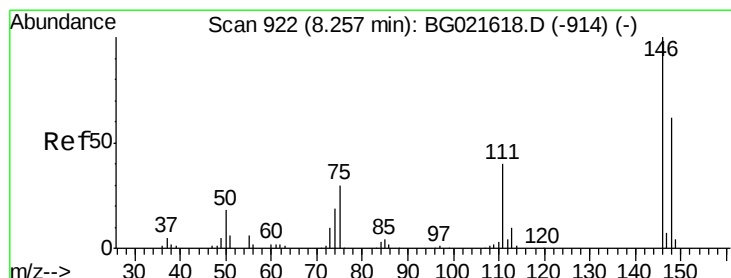
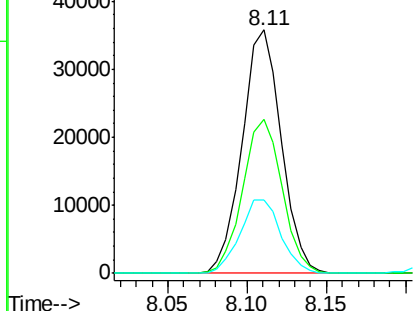
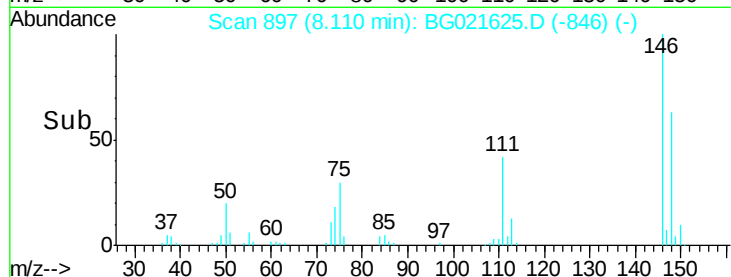
#12
 1,3-Dichlorobenzene
 Concen: 27.64 ng
 RT: 8.11 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:146 Resp: 61384
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.7 80.5
 75 30.0 27.4 41.0

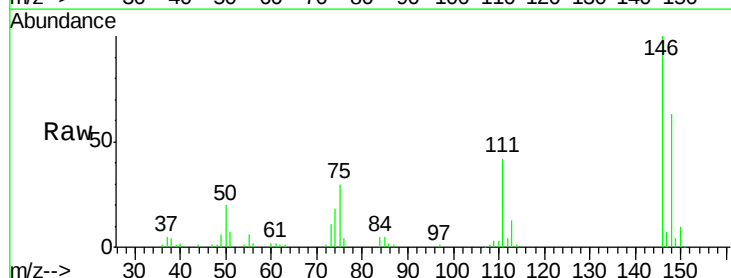


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

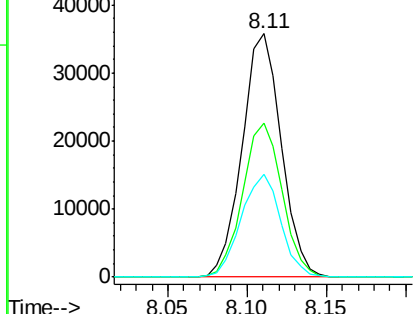
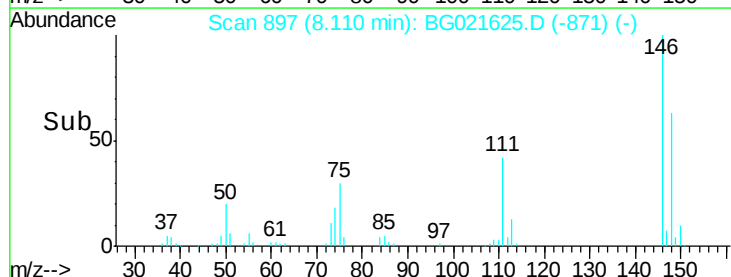


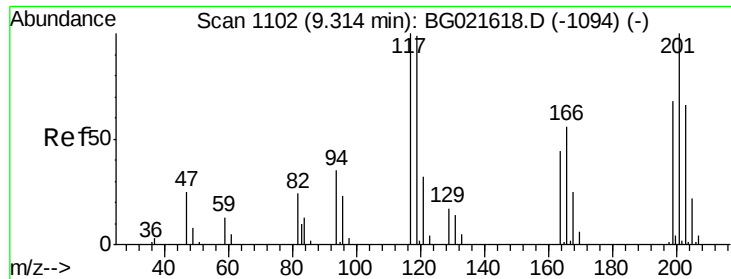
#13
 1,4-Dichlorobenzene
 Concen: 27.15 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.15 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion:146 Resp: 61384
 Ion Ratio Lower Upper
 146 100
 148 63.2 46.7 70.1
 111 42.3 33.0 49.6



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

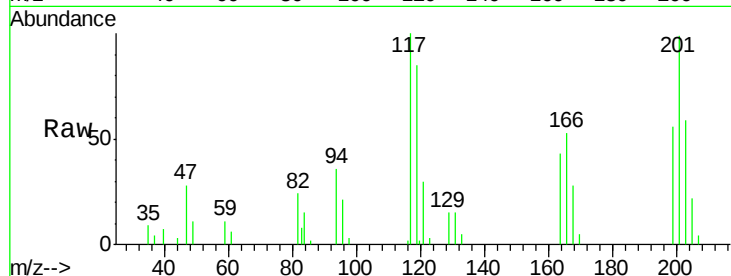




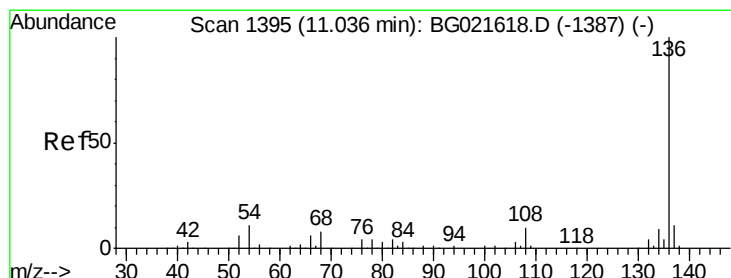
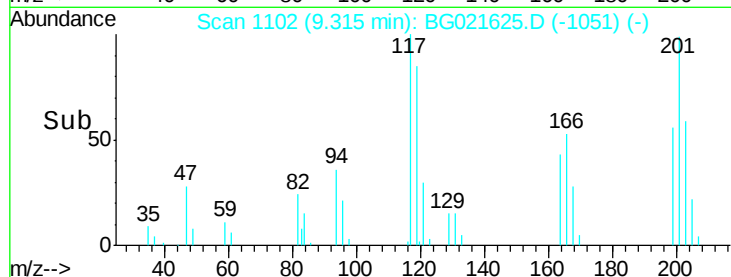
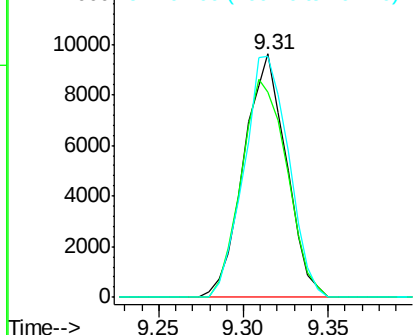
#18
Hexachloroethane
Concen: 20.33 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:117 Resp: 16733
Ion Ratio Lower Upper
117 100
119 86.3 63.9 95.9
201 98.9 61.2 91.8#

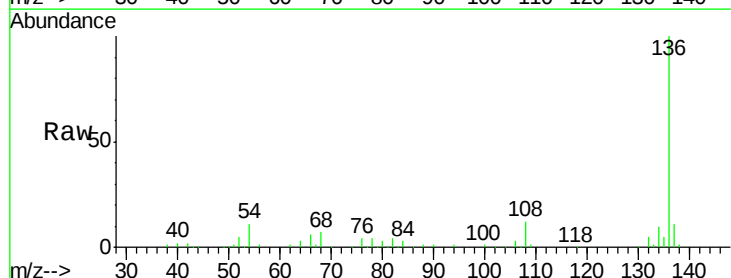


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

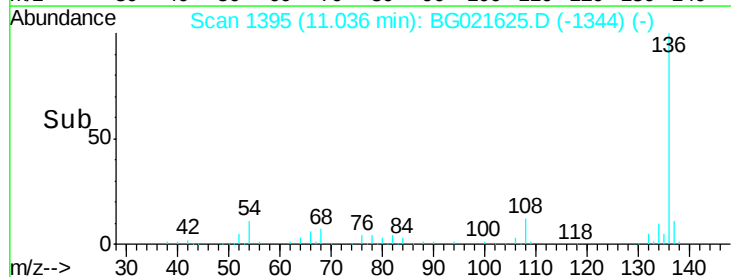
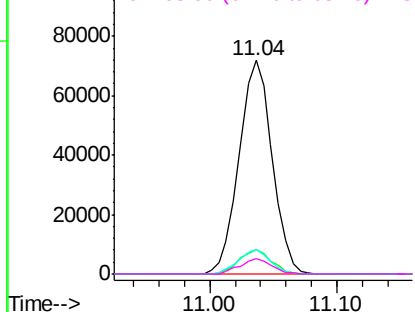


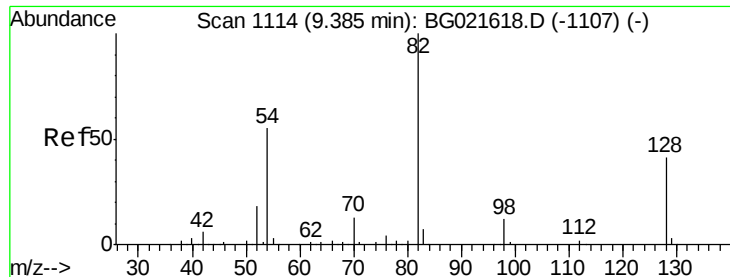
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Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion:136 Resp: 129847
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 11.1 9.6 14.4
68 7.3 6.4 9.6



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

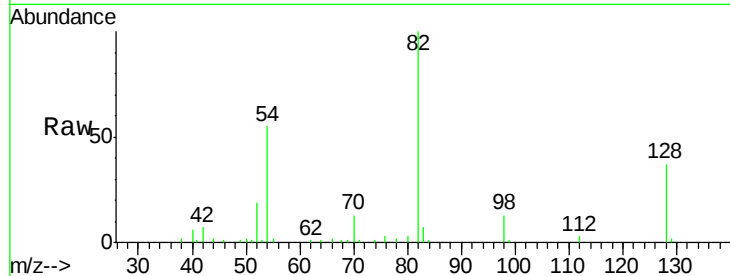




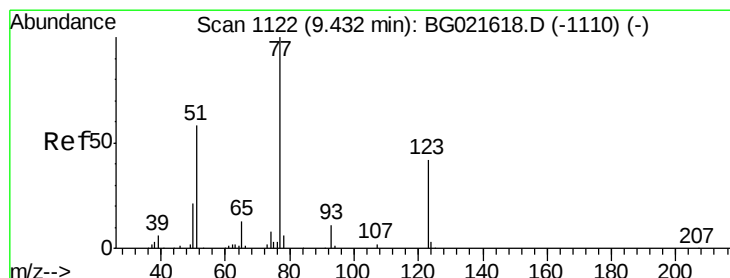
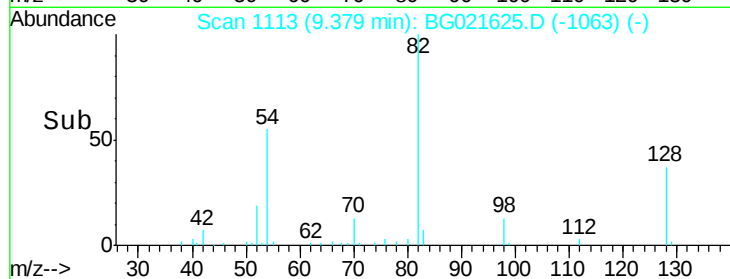
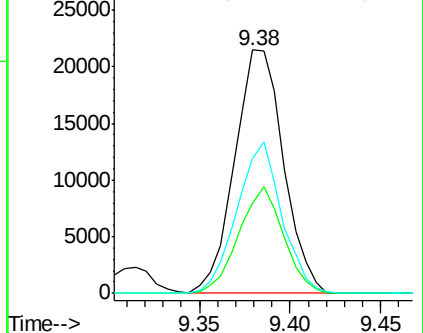
#23
 Nitrobenzene-d5
 Concen: 15.90 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	33.4	50.0
54	55.3	46.1	69.1

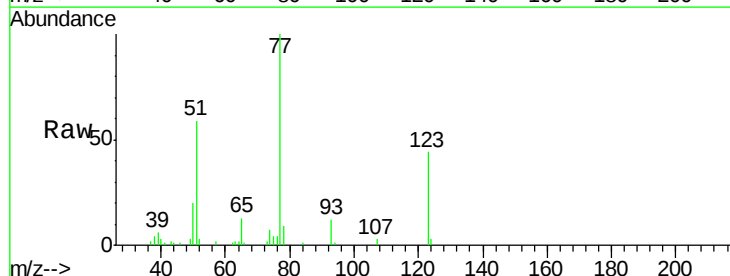


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

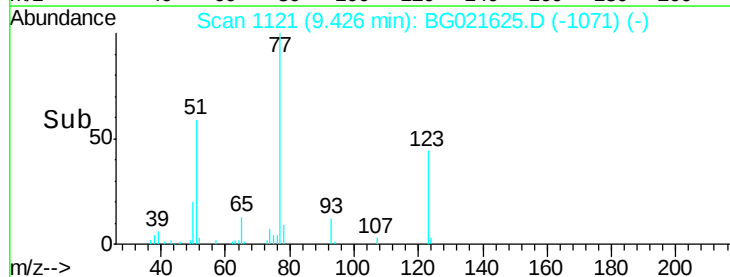
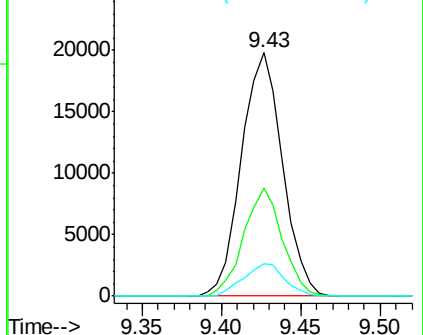


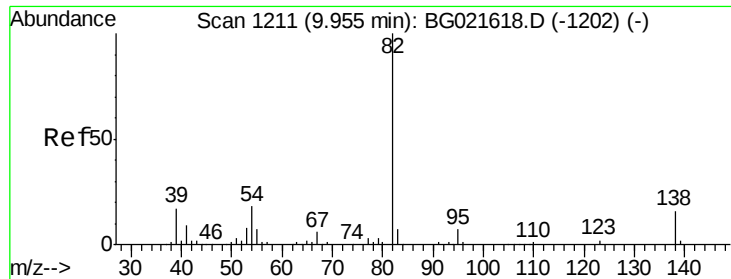
#24
 Nitrobenzene
 Concen: 13.16 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	32.2	48.4
65	13.1	10.3	15.5



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: 25.09 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampled :

PT-BN-WPDL

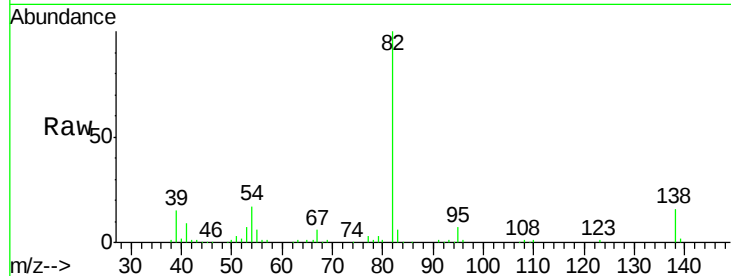
Tgt Ion: 82 Resp: 138713

Ion Ratio Lower Upper

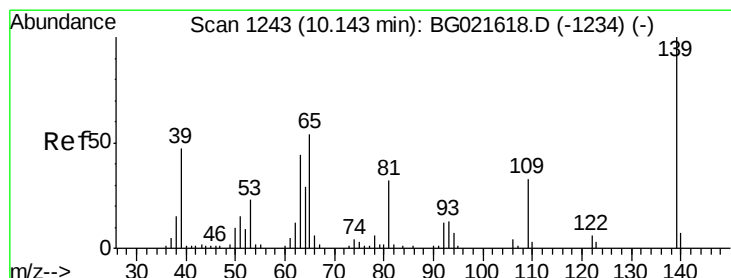
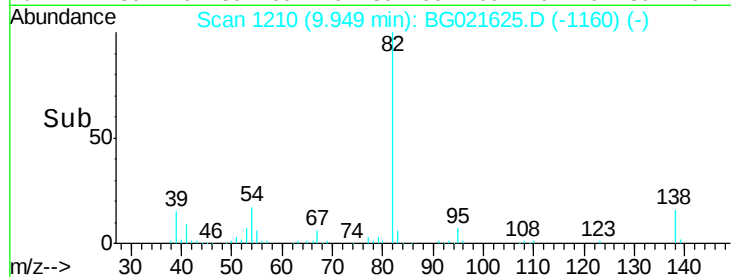
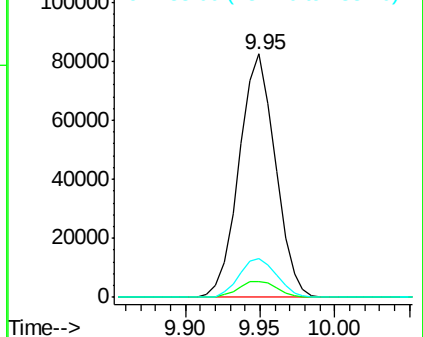
82 100

95 6.7 6.0 9.0

138 15.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 2.25 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.19 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

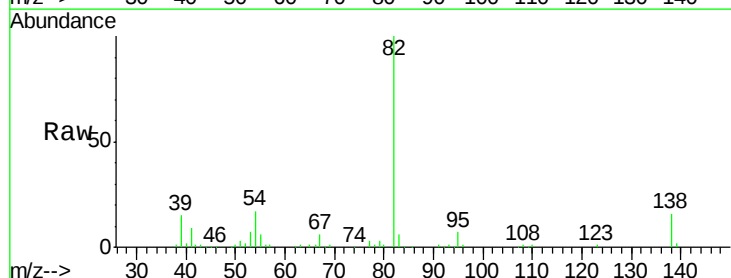
Tgt Ion: 139 Resp: 2327

Ion Ratio Lower Upper

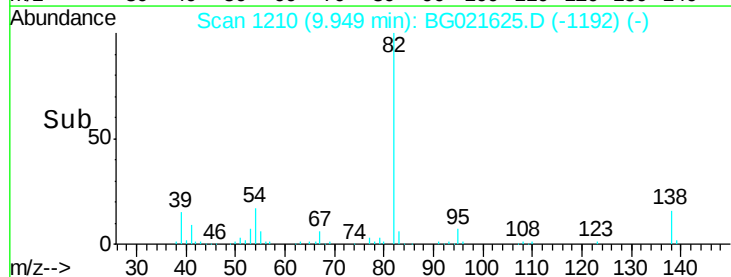
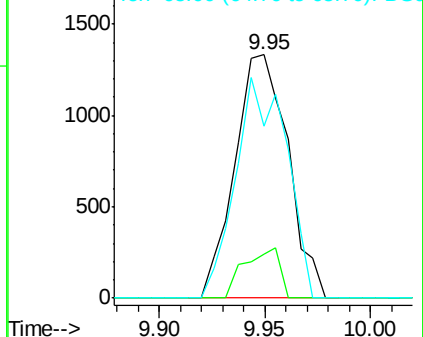
139 100

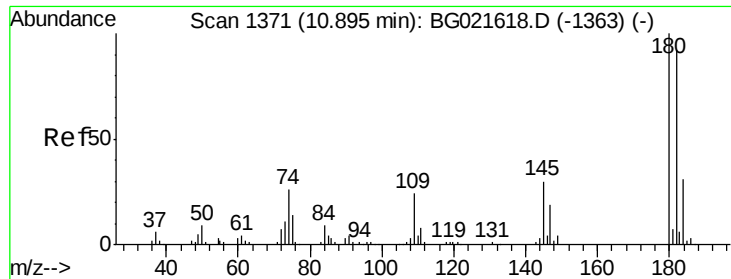
109 18.2 26.6 40.0#

65 70.6 45.3 67.9#



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

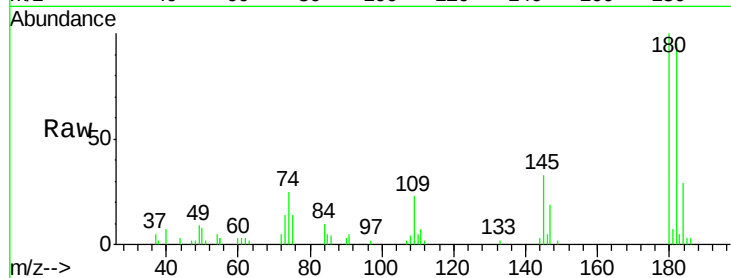




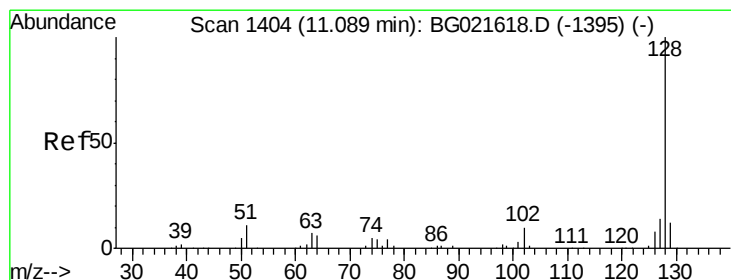
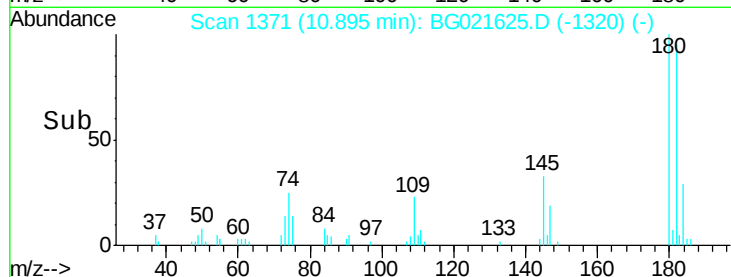
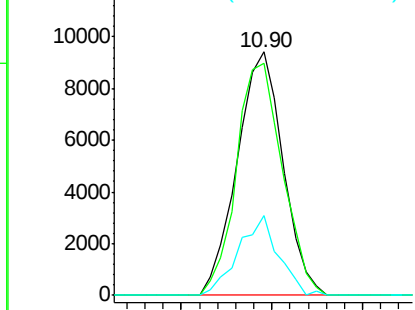
#30
 1,2,4-Trichlorobenzene
 Concen: 7.68 ng
 RT: 10.90 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:180 Resp: 16524
 Ion Ratio Lower Upper
 180 100
 182 95.1 82.3 123.5
 145 32.5 24.4 36.6

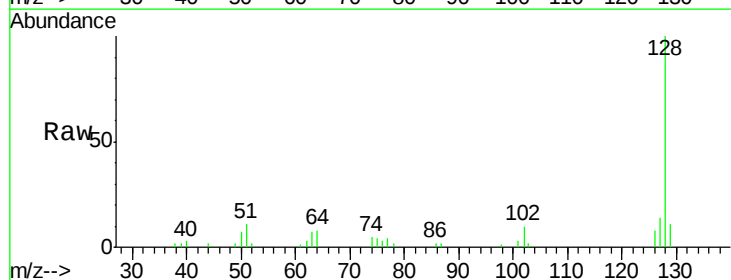


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

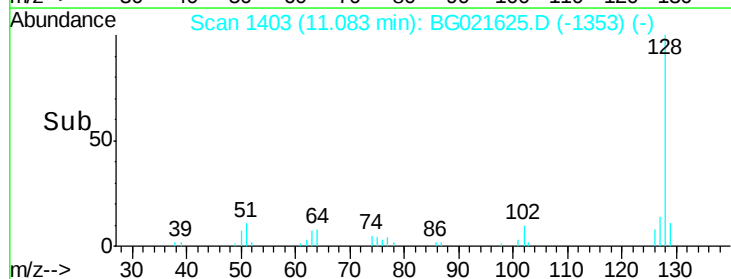
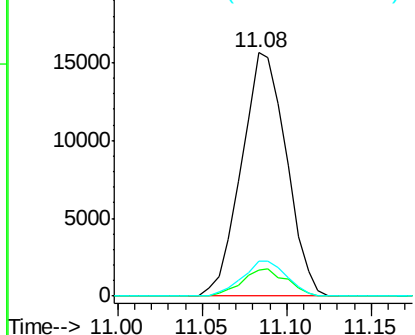


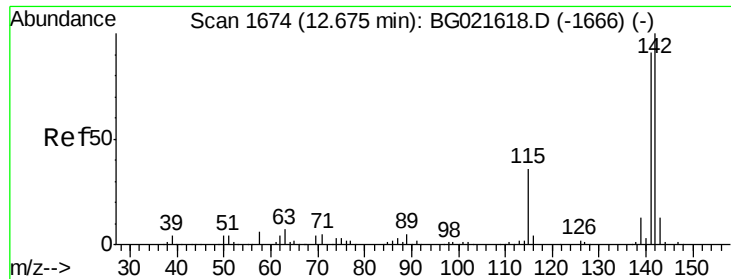
#31
 Naphthalene
 Concen: 4.15 ng
 RT: 11.08 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion:128 Resp: 28842
 Ion Ratio Lower Upper
 128 100
 129 10.7 7.0 10.6#
 127 14.4 10.1 15.1



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

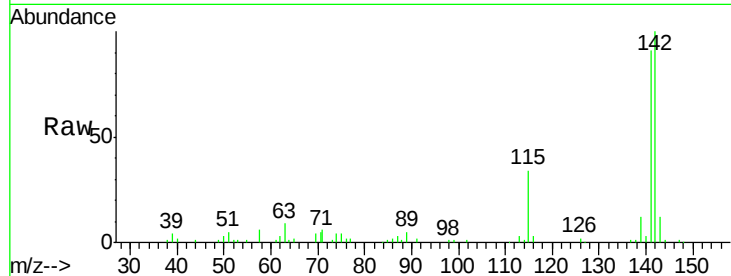




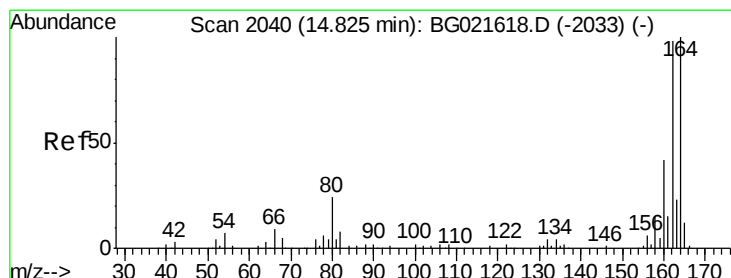
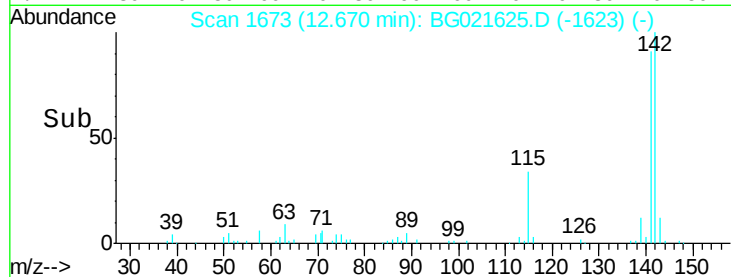
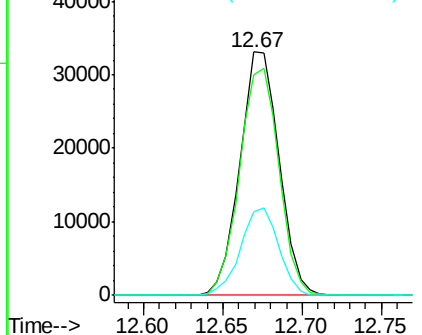
#37
 2-Methylnaphthalene
 Concen: 11.95 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:142 Resp: 56990
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.4 107.0
 115 34.1 27.4 41.2

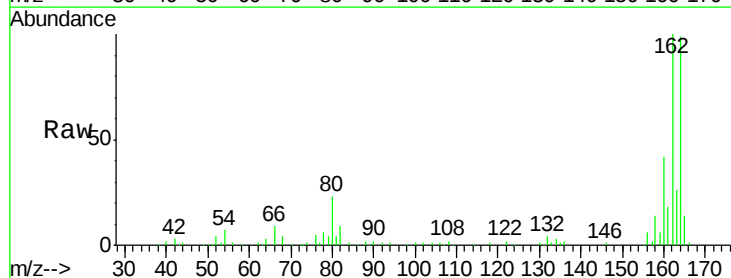


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

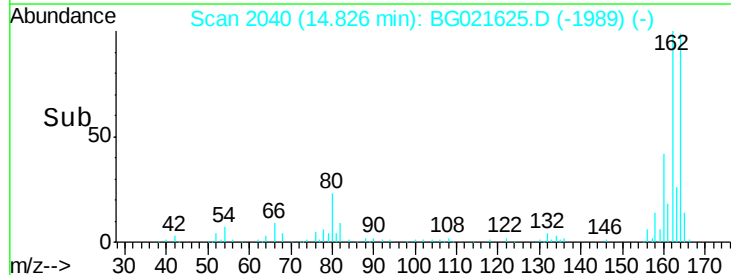
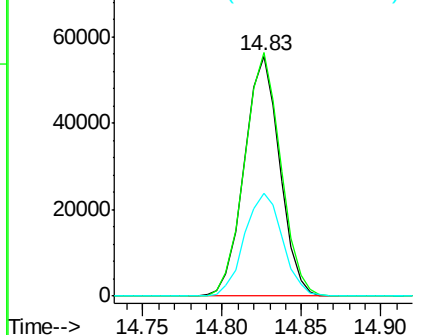


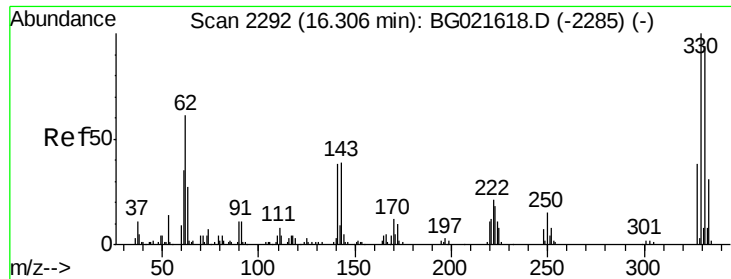
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion:164 Resp: 86021
 Ion Ratio Lower Upper
 164 100
 162 101.5 78.0 117.0
 160 42.9 32.9 49.3



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

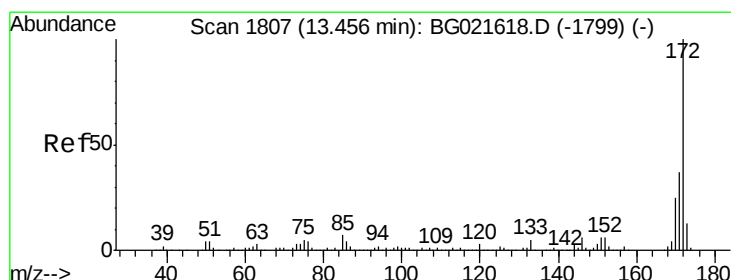
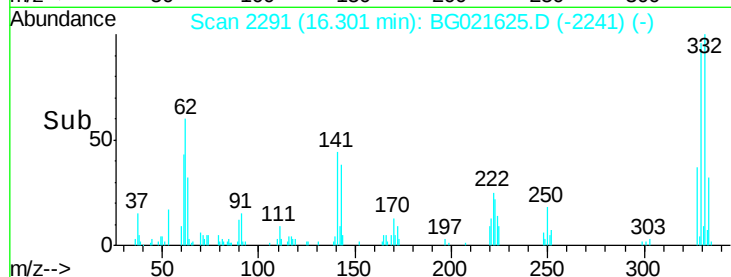
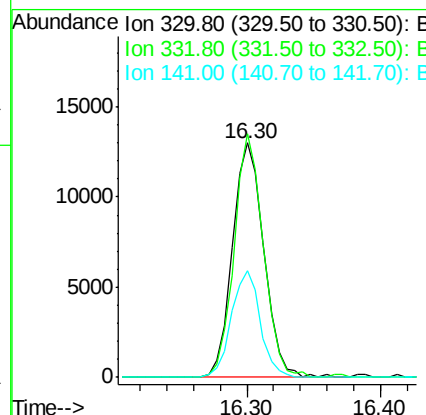
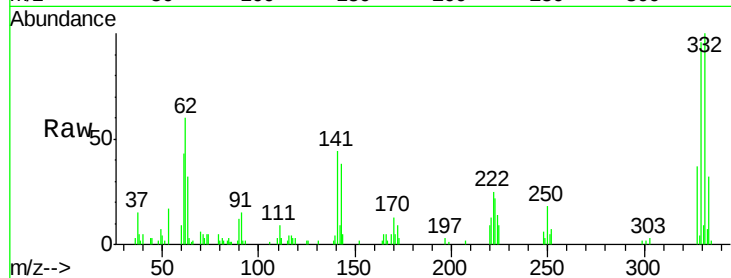




#41
 2,4,6-Tribromophenol
 Concen: 23.00 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

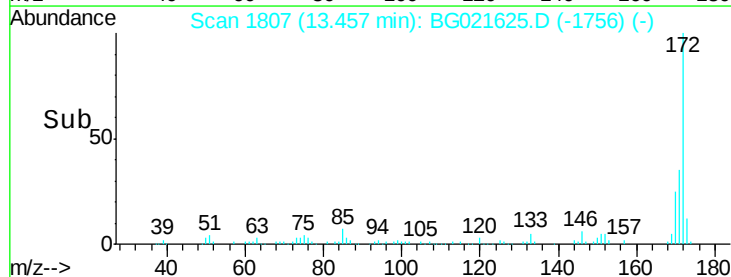
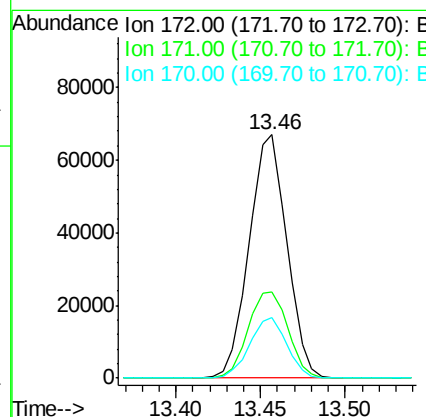
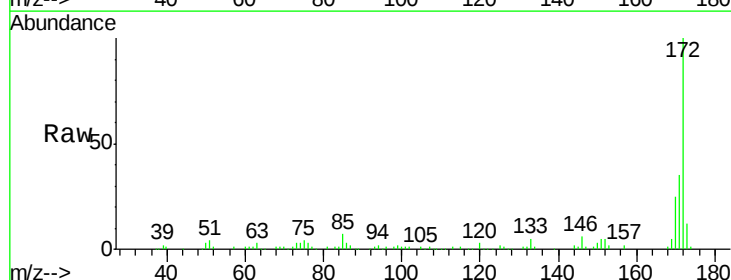
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

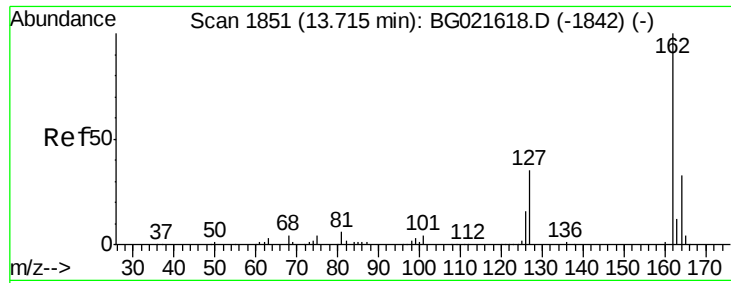
Tgt Ion: 330 Resp: 21326
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.0 117.0
 141 41.9 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 17.77 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion: 172 Resp: 104328
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 24.8 19.6 29.4

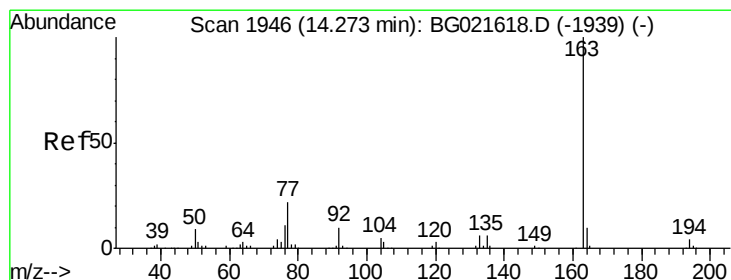
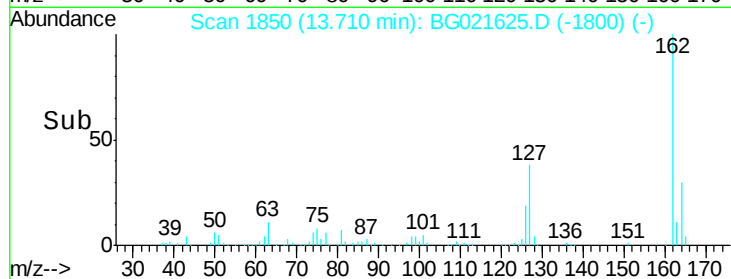
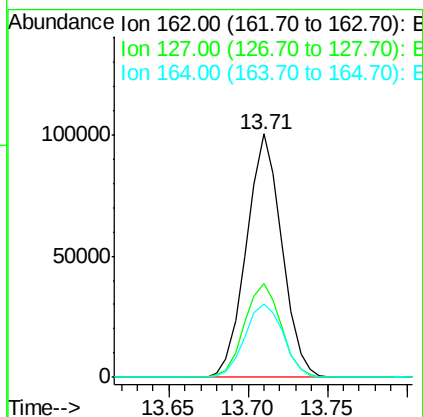
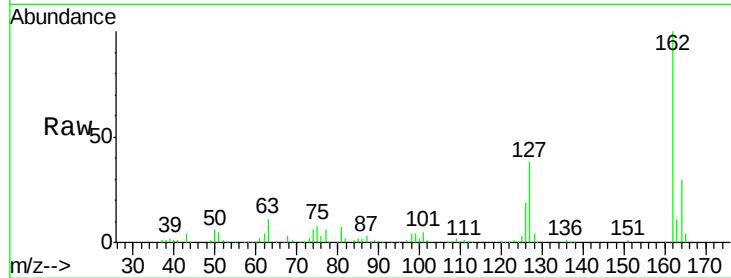




#46
2-Chloronaphthalene
Concen: 29.10 ng
RT: 13.71 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

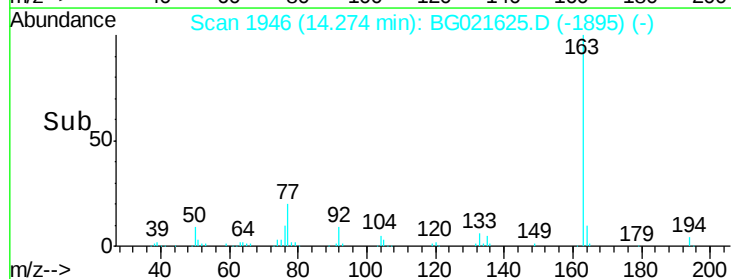
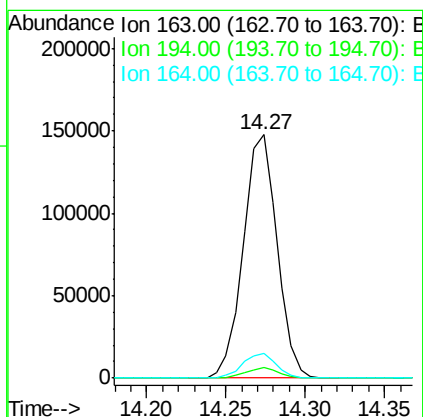
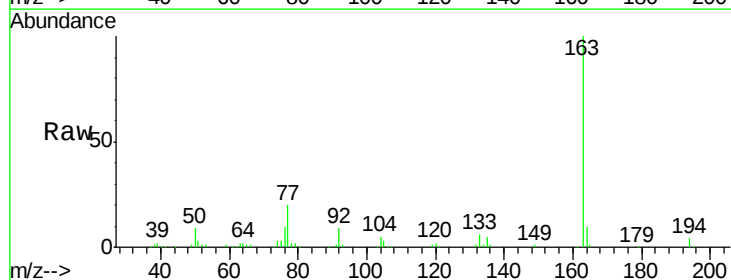
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

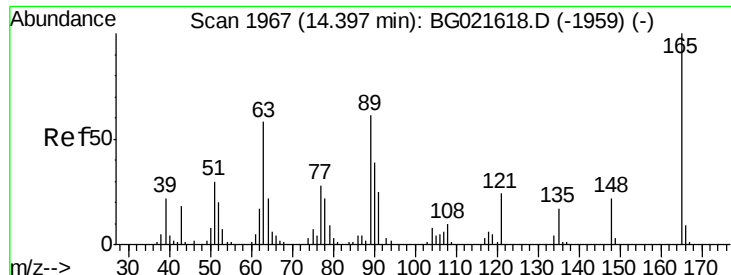
Tgt Ion:162 Resp: 155908
Ion Ratio Lower Upper
162 100
127 38.4 32.0 48.0
164 30.3 27.0 40.4



#49
Dimethylphthalate
Concen: 29.38 ng
RT: 14.27 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion:163 Resp: 218542
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.0 8.1 12.1

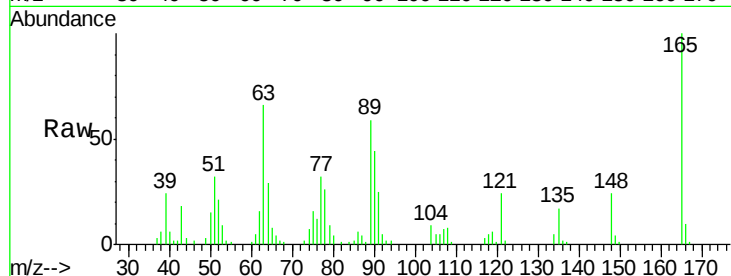




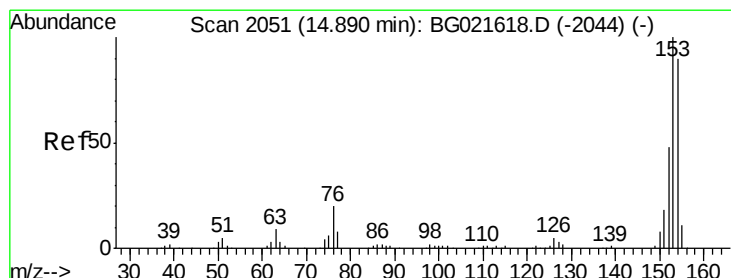
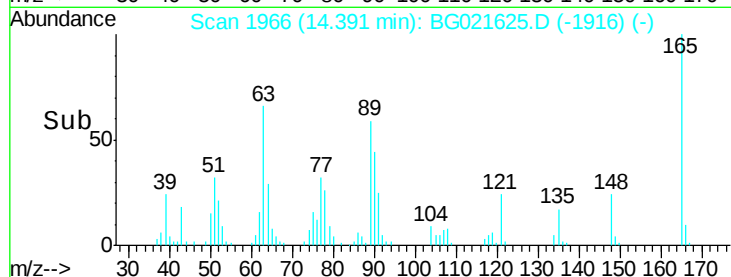
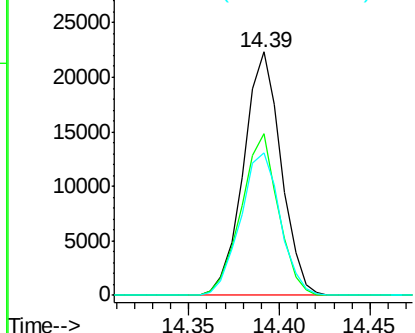
#50
 2,6-Dinitrotoluene
 Concen: 22.68 ng
 RT: 14.39 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:165 Resp: 32162
 Ion Ratio Lower Upper
 165 100
 63 66.4 48.2 72.4
 89 58.7 45.3 67.9

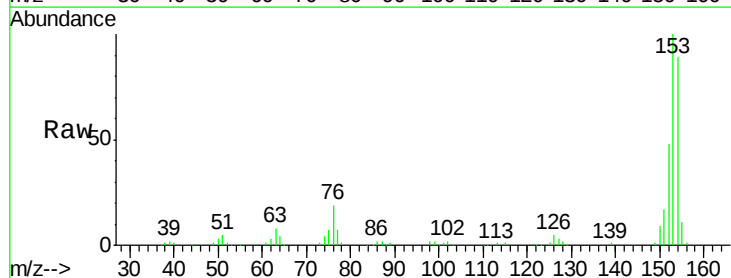


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

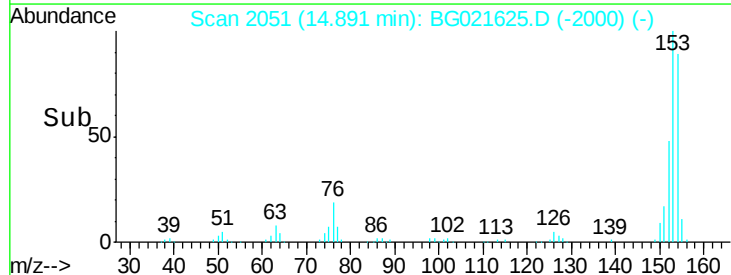
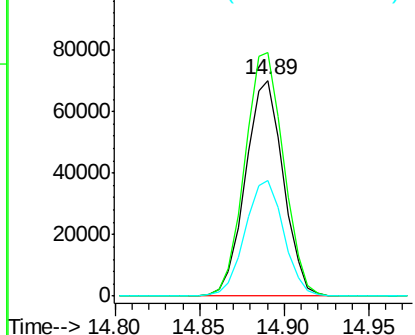


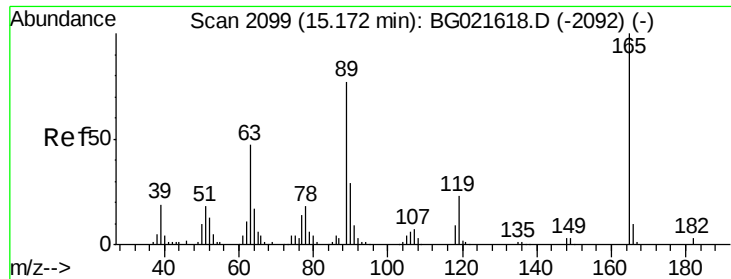
#51
 Acenaphthene
 Concen: 19.28 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion:154 Resp: 109194
 Ion Ratio Lower Upper
 154 100
 153 112.9 91.9 137.9
 152 53.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 8.75 ng

RT: 15.17 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

Tgt Ion:165 Resp: 16768

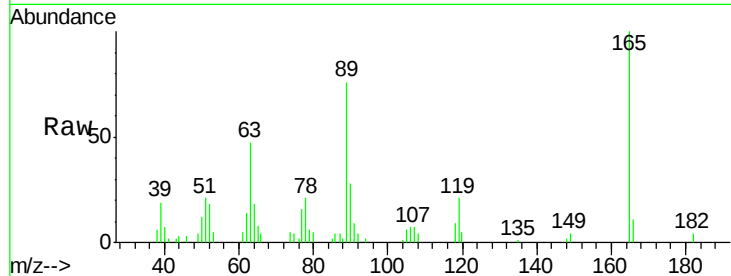
Ion Ratio Lower Upper

165 100

63 46.5 37.4 56.0

89 75.8 59.4 89.0

182 3.7 2.1 3.1#

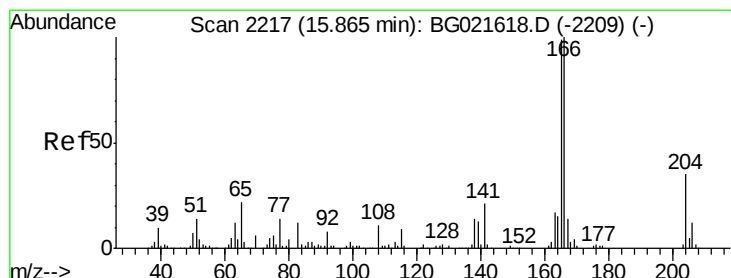
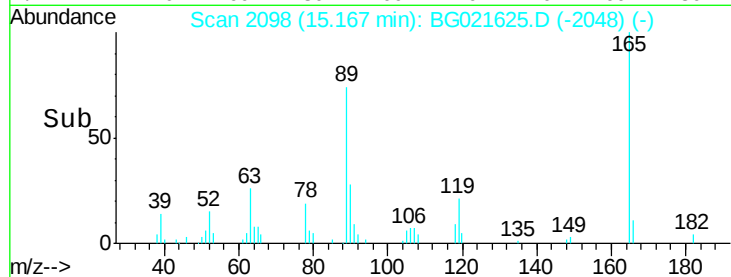
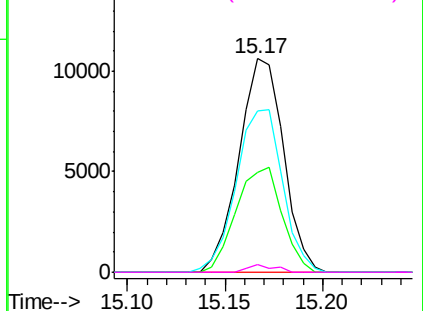


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 21.61 ng

RT: 15.87 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

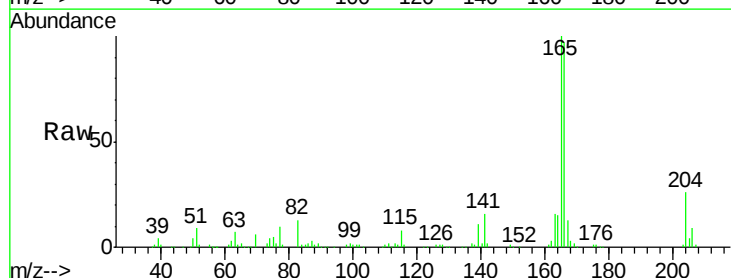
Tgt Ion:166 Resp: 149249

Ion Ratio Lower Upper

166 100

165 103.5 79.0 118.4

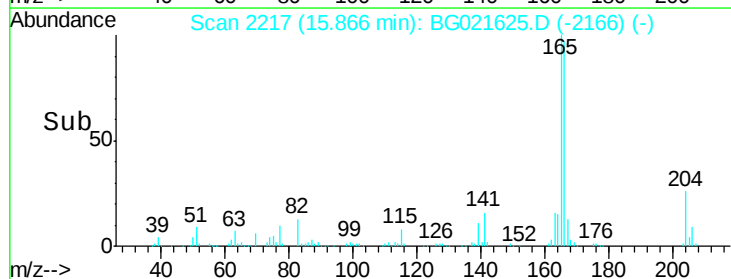
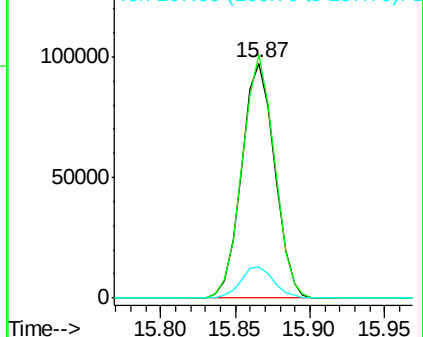
167 13.2 10.7 16.1

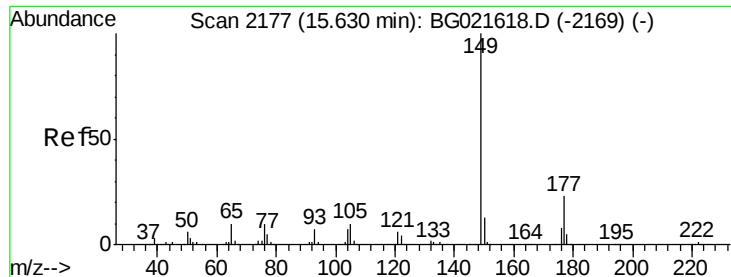


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

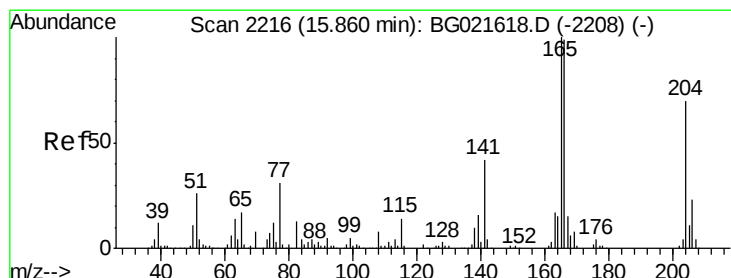
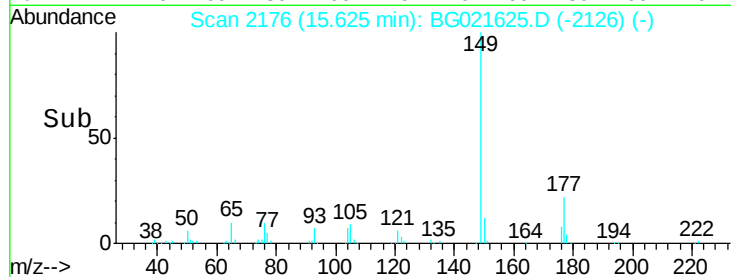
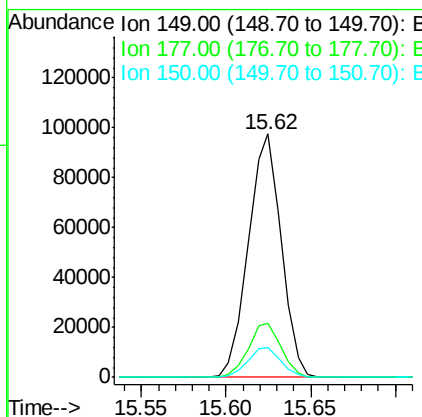
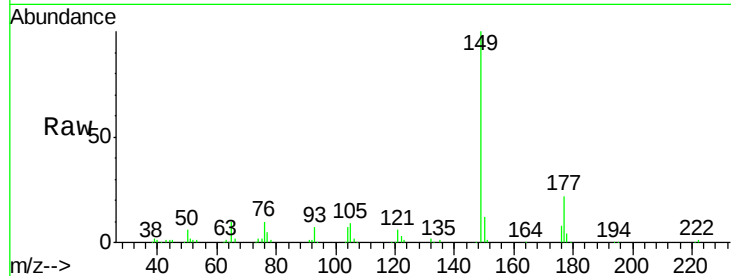




#59
Diethylphthalate
Concen: 17.04 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

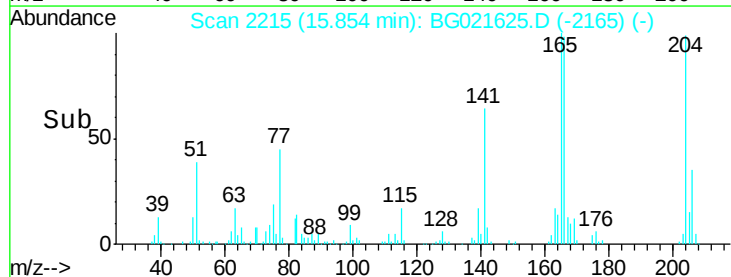
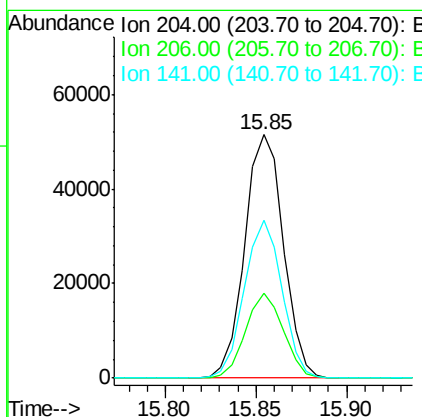
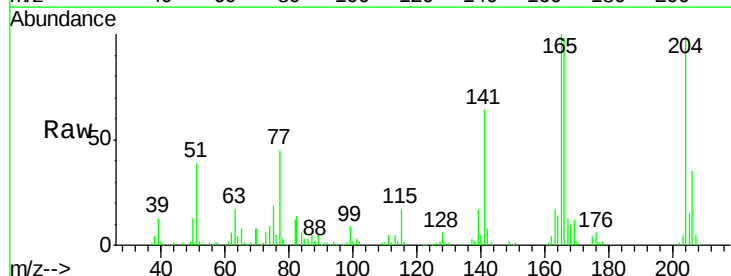
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

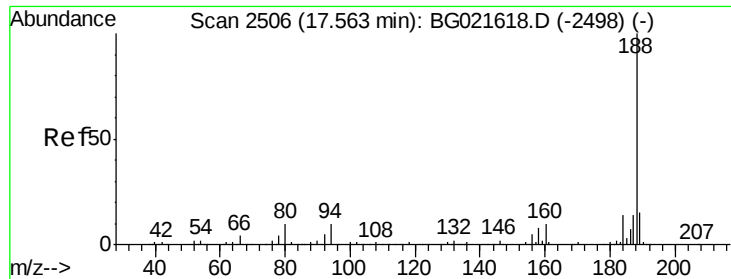
Tgt Ion:149 Resp: 132300
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.2 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 22.42 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion:204 Resp: 76256
Ion Ratio Lower Upper
204 100
206 34.9 27.8 41.8
141 65.0 51.0 76.4

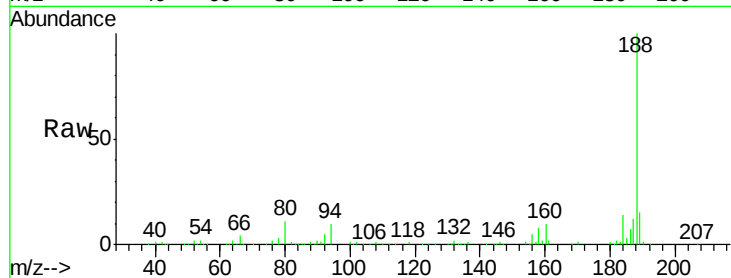




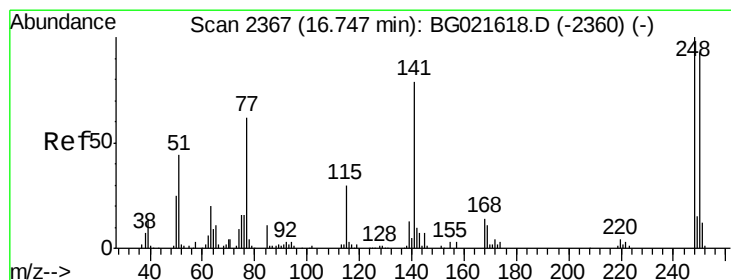
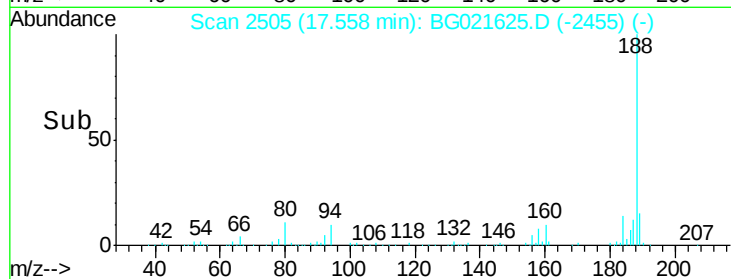
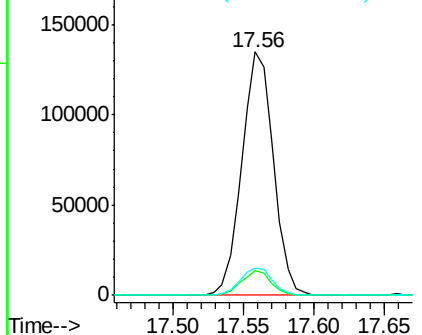
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 210455
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 11.4 8.6 13.0

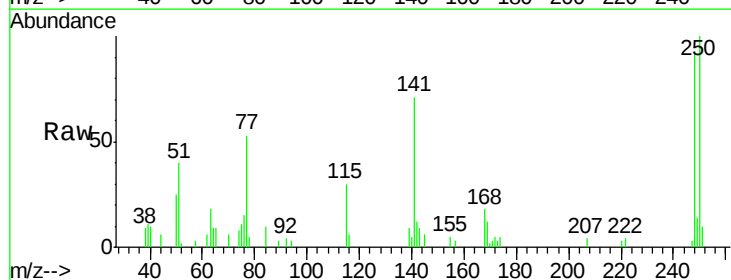


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

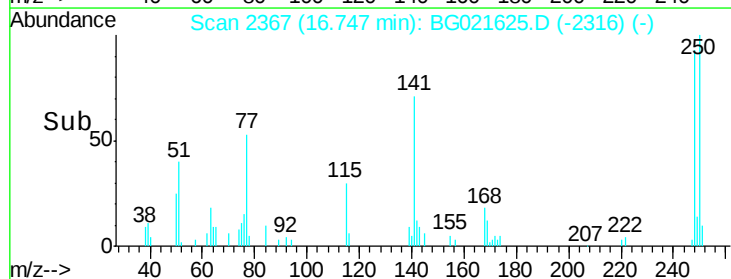
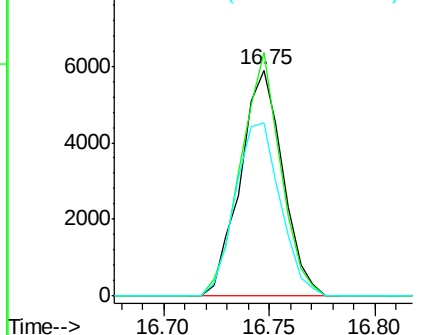


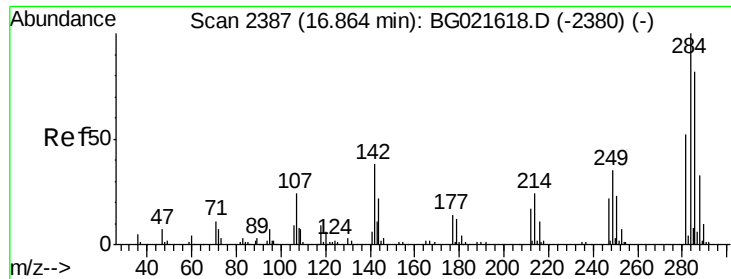
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 16.75 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion:248 Resp: 8241
Ion Ratio Lower Upper
248 100
250 107.6 76.6 114.8
141 76.3 63.8 95.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 9.13 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

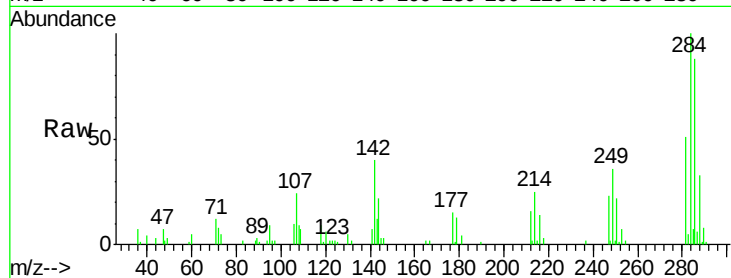
Tgt Ion:284 Resp: 21731

Ion Ratio Lower Upper

284 100

142 39.7 31.8 47.6

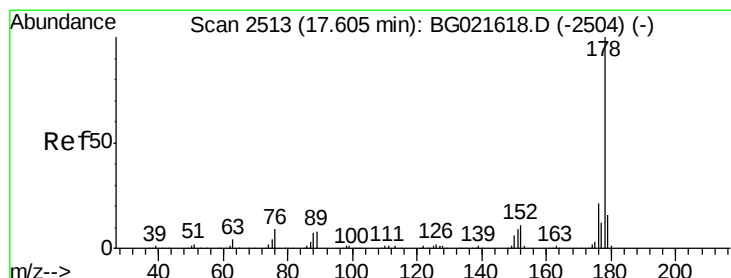
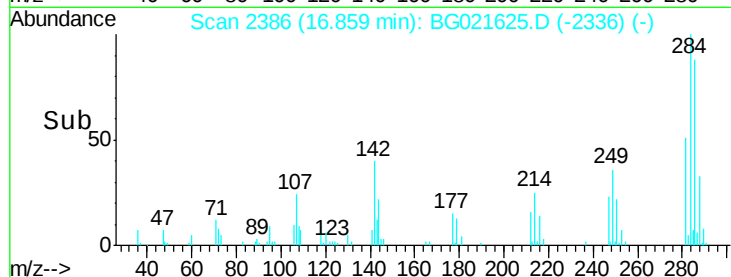
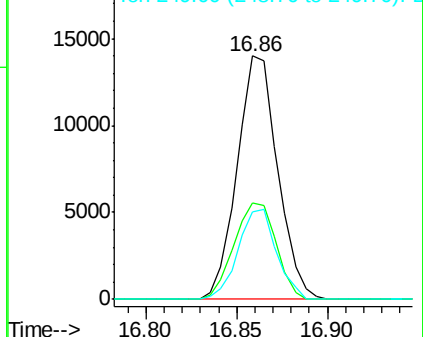
249 35.7 27.3 40.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 31.82 ng

RT: 17.61 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

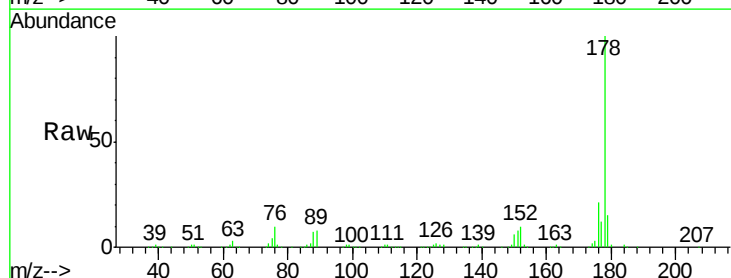
Tgt Ion:178 Resp: 369059

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

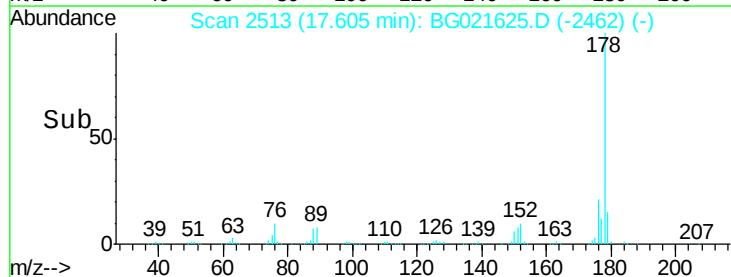
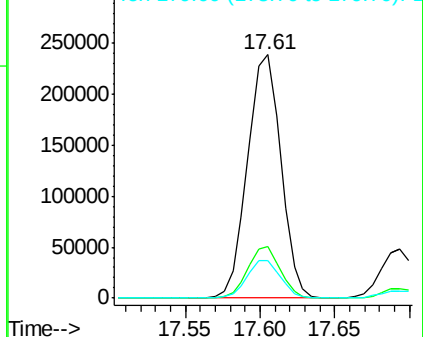
179 15.5 12.0 18.0

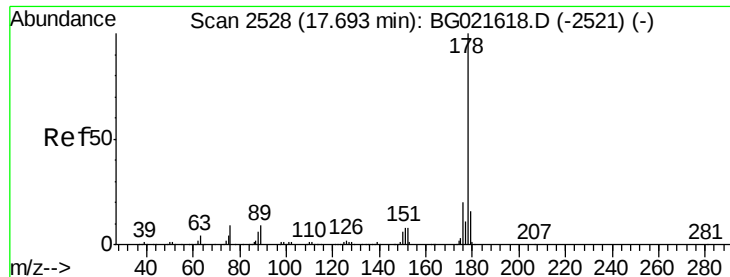


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 6.32 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

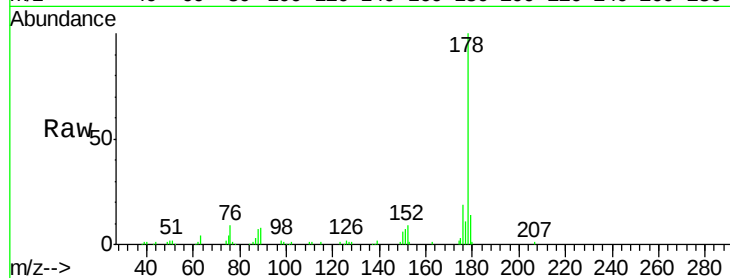
Tgt Ion:178 Resp: 74378

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

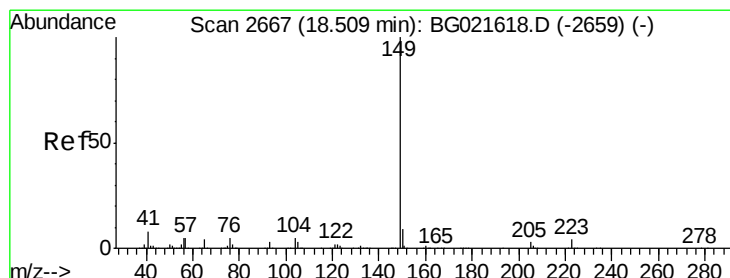
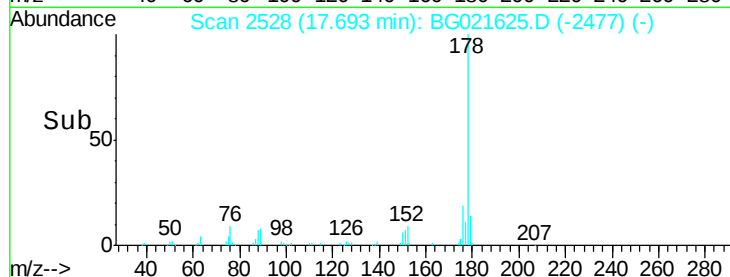
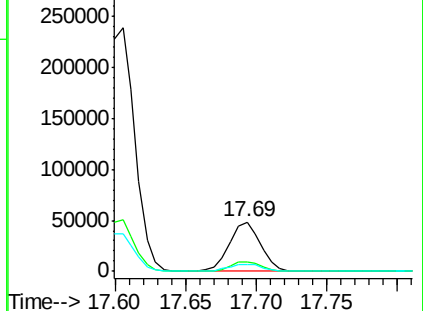
179 13.7 12.2 18.4



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: 17.04 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

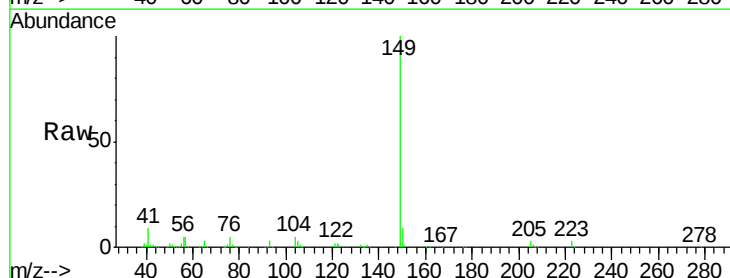
Tgt Ion:149 Resp: 238178

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

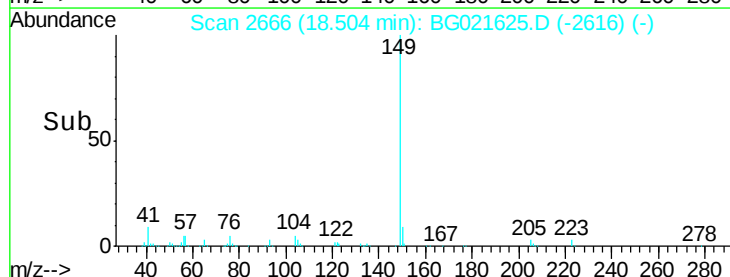
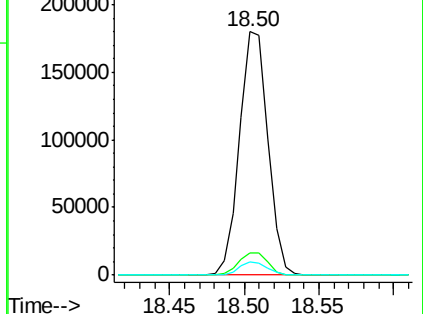
104 5.2 4.0 6.0

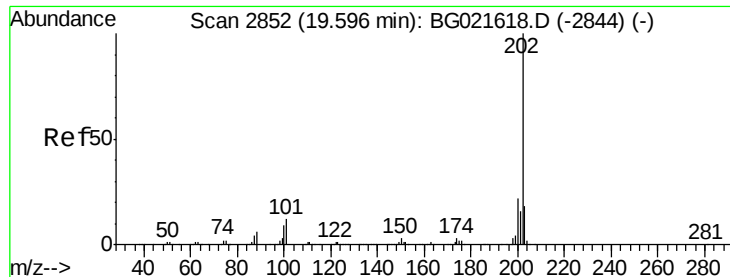


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15.53 ng

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

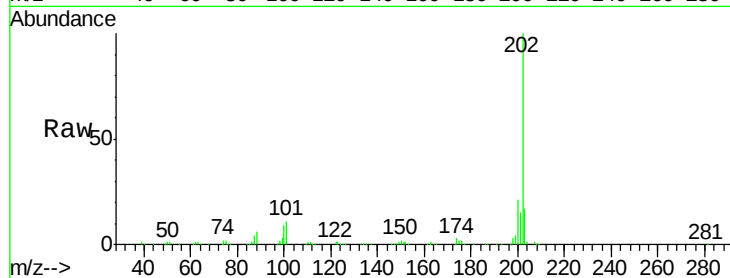
Tgt Ion:202 Resp: 215108

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.0

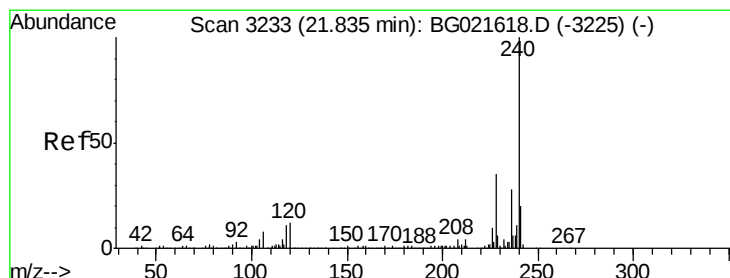
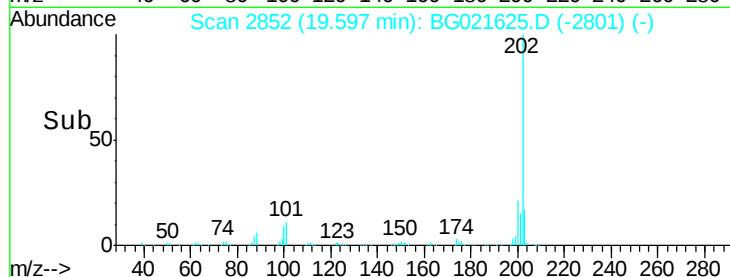
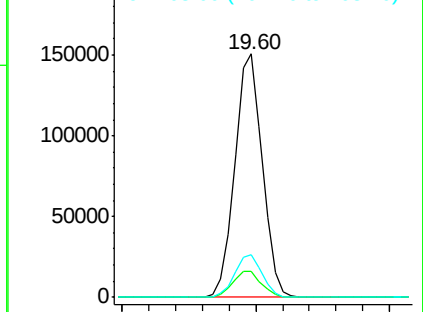
203 17.3 0.0 37.9



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: BG021625.D

Acq: 13 Apr 2016 17:34

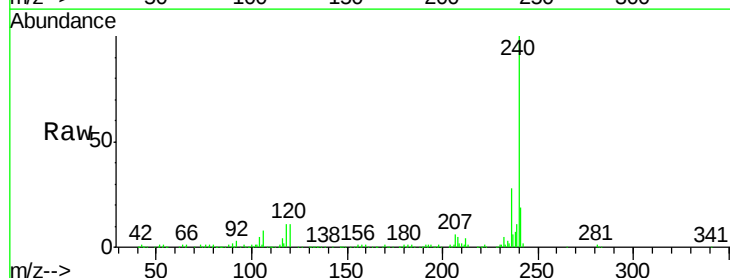
Tgt Ion:240 Resp: 244869

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

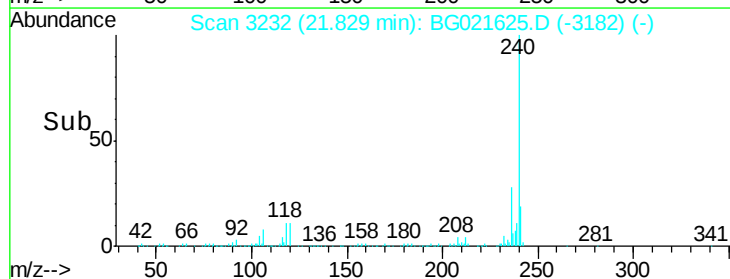
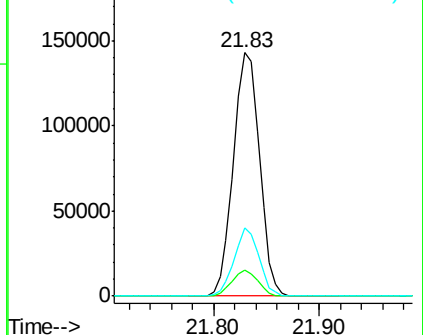
236 28.0 19.6 29.4

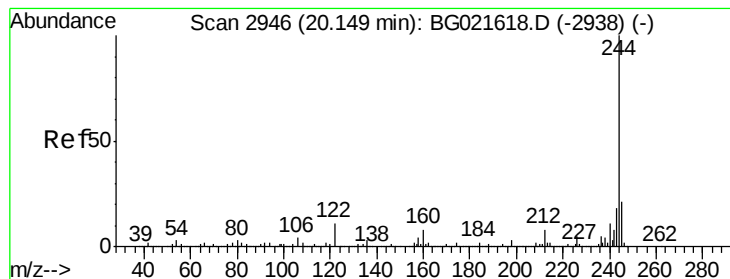


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 17.91 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

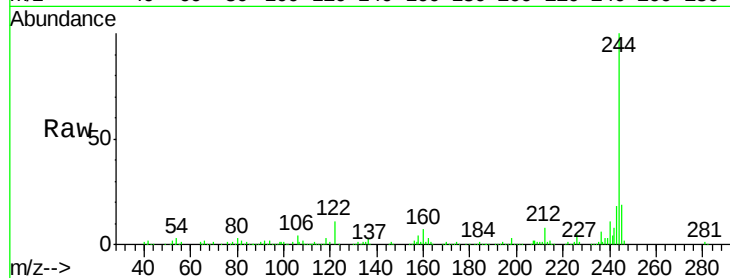
Tgt Ion:244 Resp: 175756

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

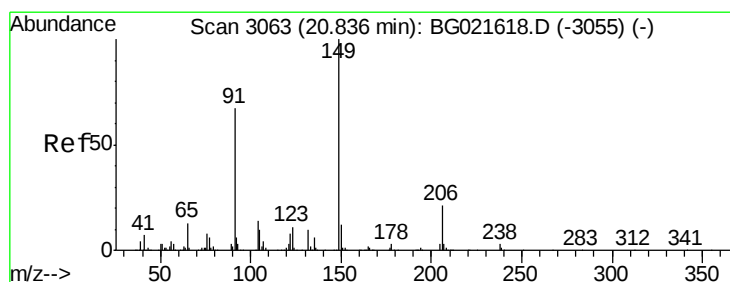
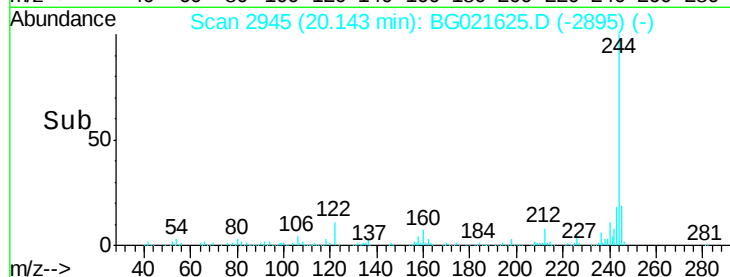
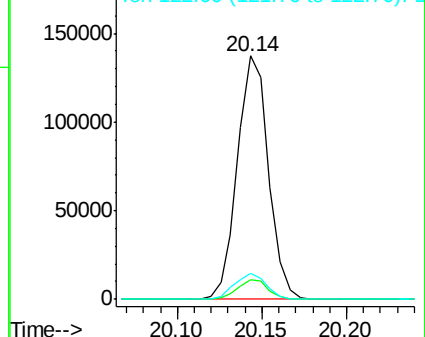
122 10.8 8.6 12.8



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: 11.99 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

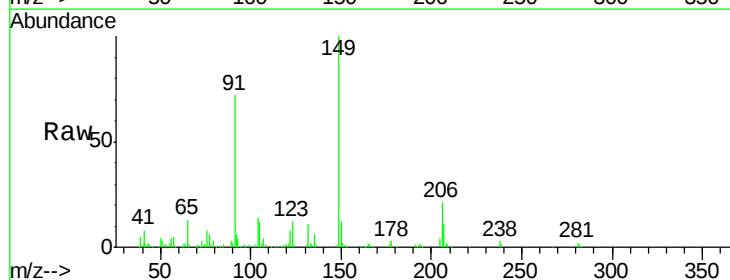
Tgt Ion:149 Resp: 78556

Ion Ratio Lower Upper

149 100

91 72.5 57.8 86.8

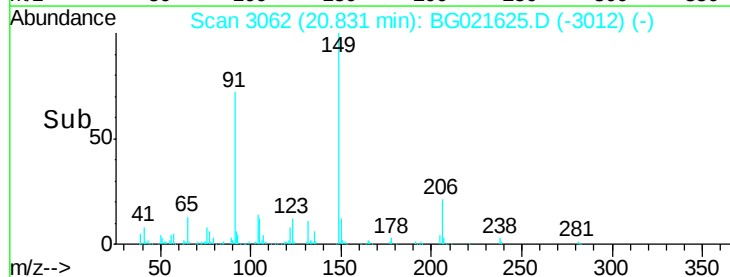
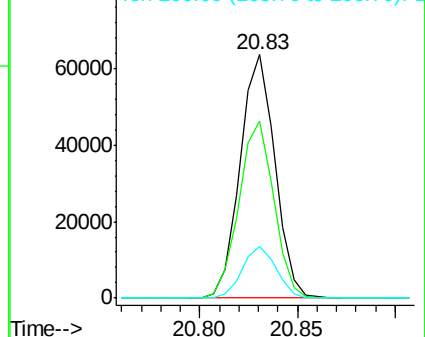
206 21.2 17.0 25.4

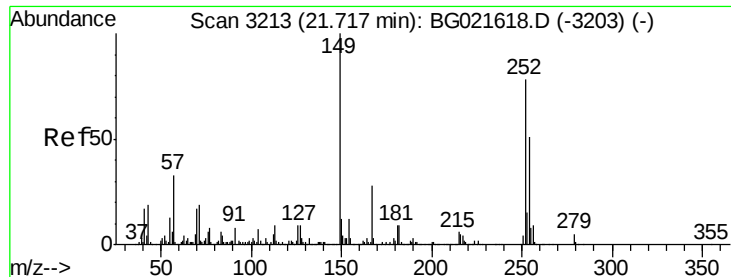


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

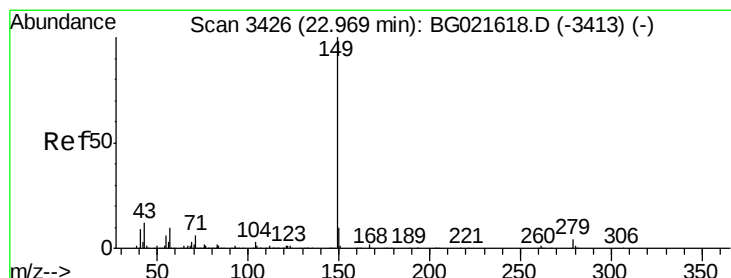
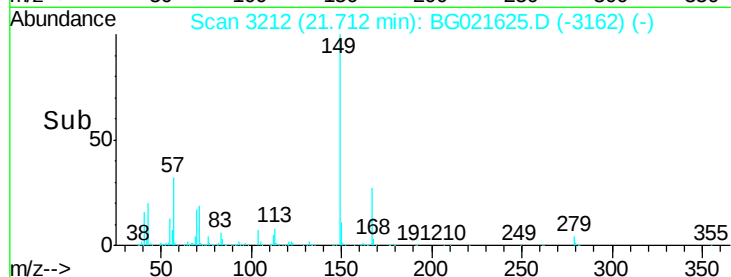
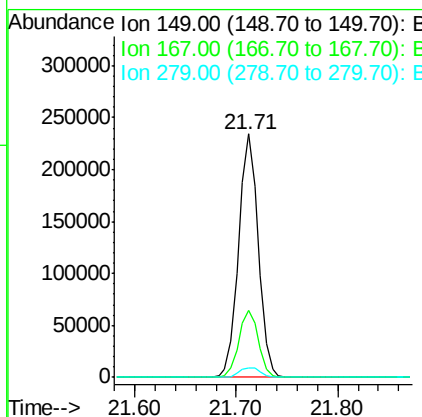
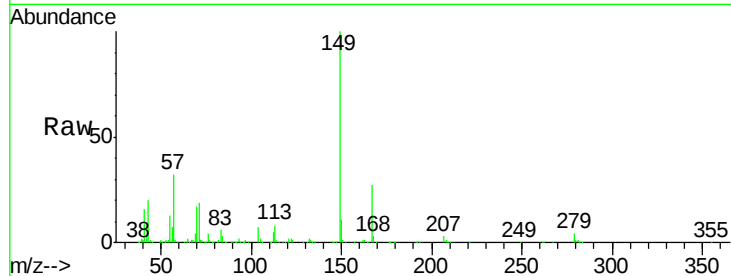




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.83 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

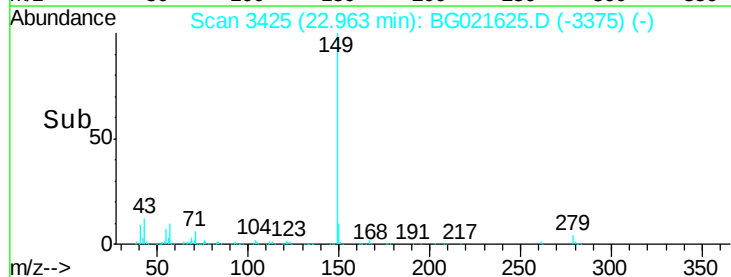
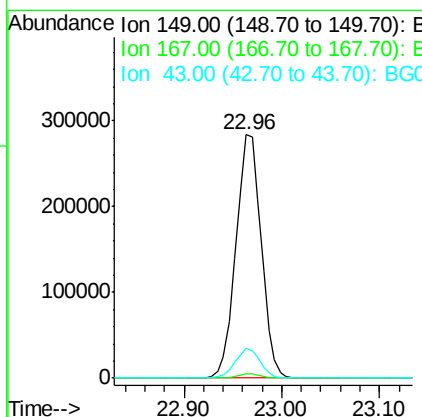
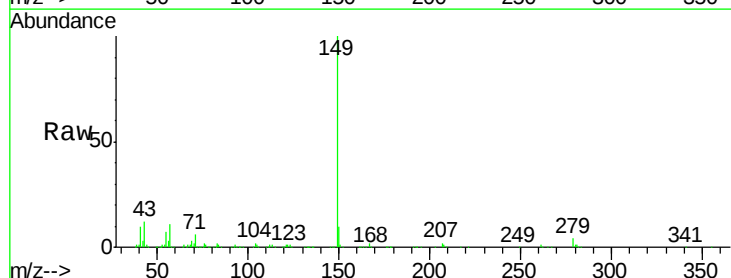
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

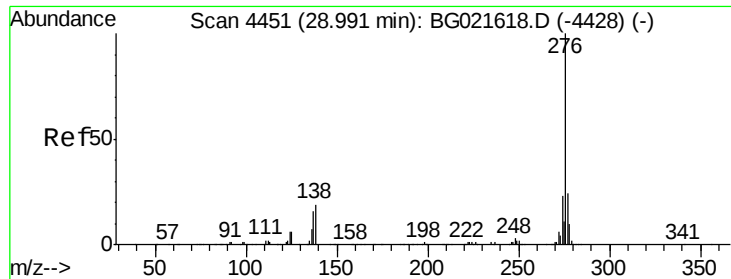
Tgt Ion:149 Resp: 314735
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.4 33.6
 279 4.0 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 31.87 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG021625.D
 Acq: 13 Apr 2016 17:34

Tgt Ion:149 Resp: 511833
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 9.8 14.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.60 ng

RT: 28.97 min Scan# 4447

Delta R.T. -0.02 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

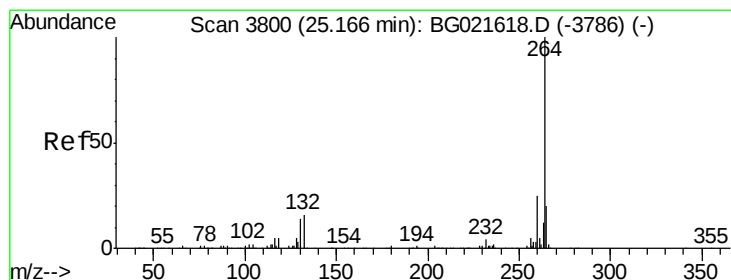
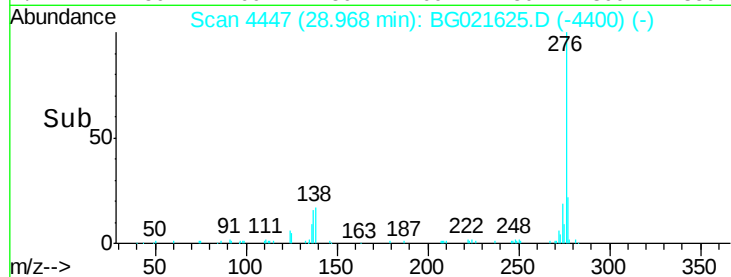
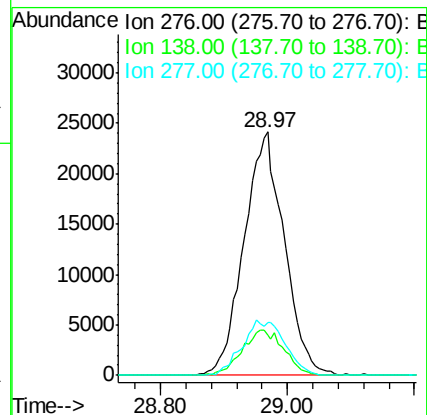
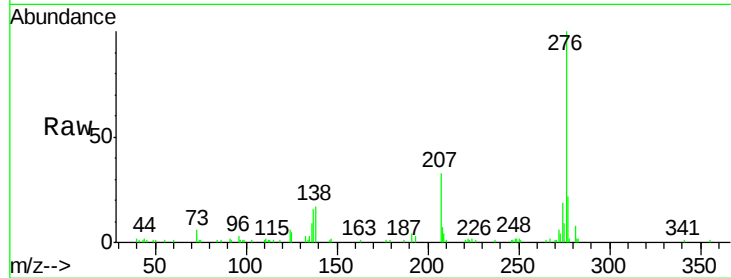
Tgt Ion: 276 Resp: 106276

Ion Ratio Lower Upper

276 100

138 19.2 14.0 21.0

277 12.4 20.6 30.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021625.D

Acq: 13 Apr 2016 17:34

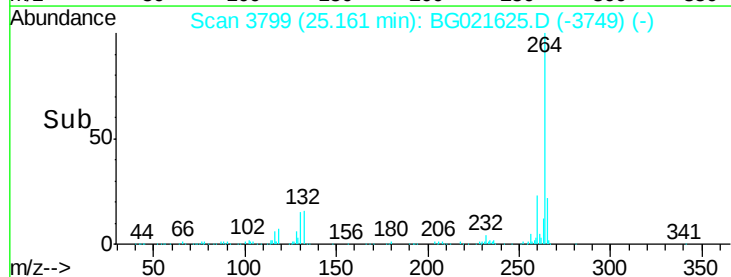
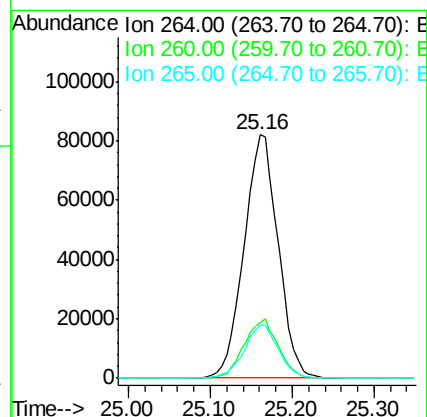
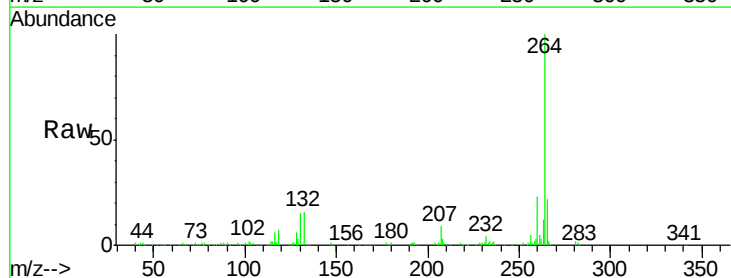
Tgt Ion: 264 Resp: 237751

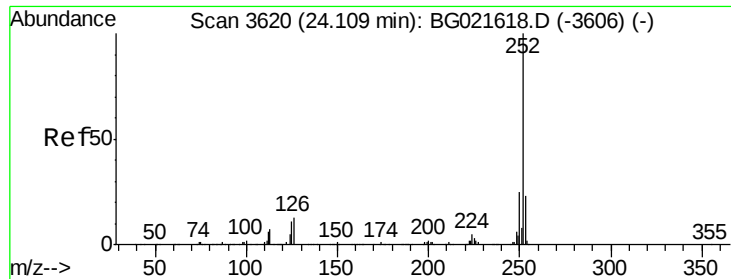
Ion Ratio Lower Upper

264 100

260 23.0 20.2 30.4

265 21.7 17.8 26.8

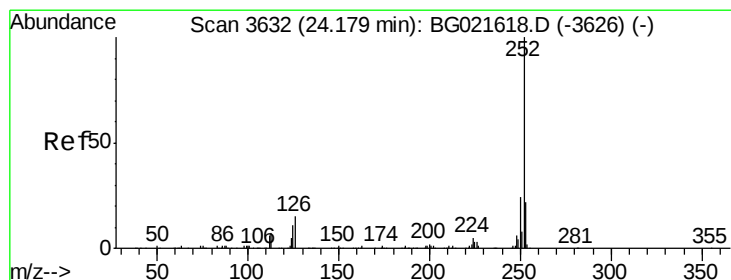
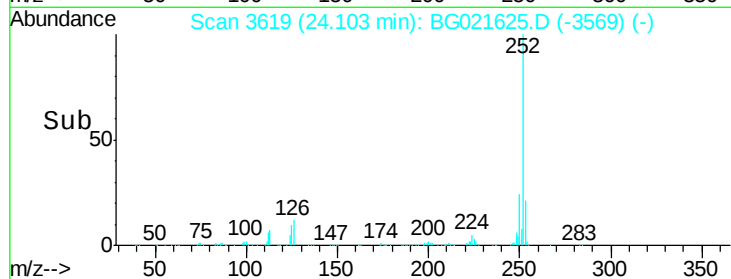
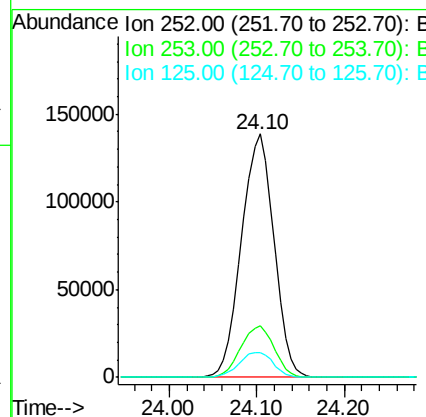
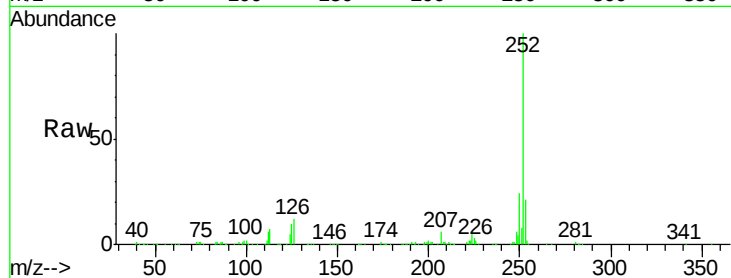




#87
Benzo(b)fluoranthene
Concen: 25.37 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	10.1	8.6	13.0



#88
Benzo(k)fluoranthene
Concen: 25.95 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.08 min
Lab File: BG021625.D
Acq: 13 Apr 2016 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	10.1	8.3	12.5

