

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026334.D
 Acq On : 20 Mar 2017 19:45
 Operator : SJ/MA
 Sample : I2194-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 21 01:12:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124181	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	533664	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	310033	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	747704	20.00	ng	0.00
75) Chrysene-d12	21.63	240	888121	20.00	ng	0.00
86) Perylene-d12	24.82	264	847277	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	213616	30.53	ng	0.00
7) Phenol-d6	7.21	99	291878	31.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	157161	17.71	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	115621	32.57	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	460020	20.81	ng	0.00
78) Terphenyl-d14	19.98	244	736991	20.15	ng	0.00

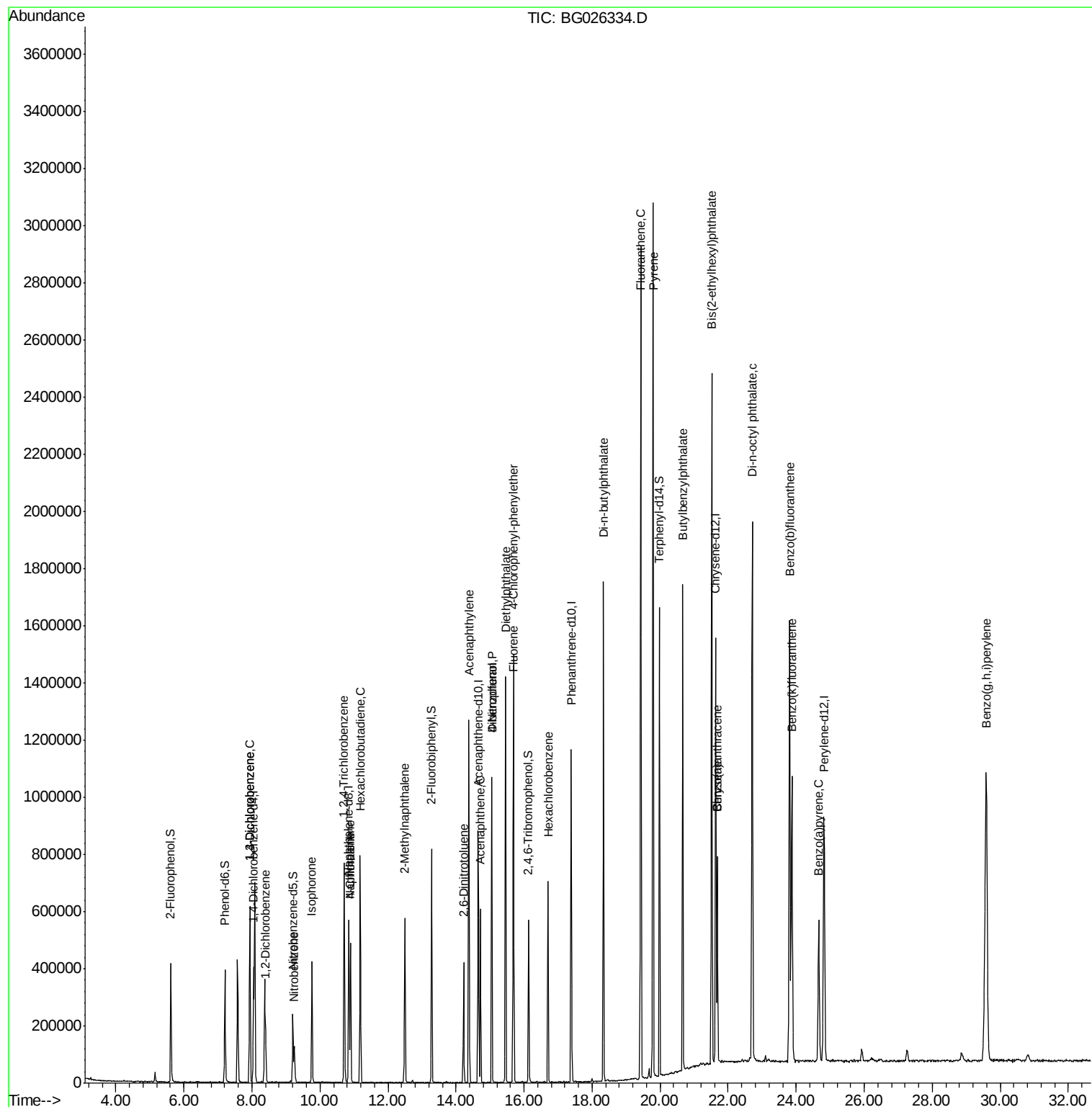
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.94	146	299699	31.96	ng	# 85
13) 1,4-Dichlorobenzene	7.94	146	299699	31.59	ng	94
14) 1,2-Dichlorobenzene	8.40	146	96180	10.59	ng	# 86
24) Nitrobenzene	9.25	77	81423	9.29	ng	# 74
25) Isophorone	9.76	82	341507	20.42	ng	# 91
30) 1,2,4-Trichlorobenzene	10.71	180	297297	34.96	ng	98
31) Naphthalene	10.90	128	444030	16.46	ng	99
33) 4-Chloroaniline	10.90	127	57913	5.28	ng	# 26
34) Hexachlorobutadiene	11.19	225	186185	37.11	ng	99
37) 2-Methylnaphthalene	12.50	142	303305	15.35	ng	# 90
48) Acenaphthylene	14.38	152	964259	29.50	ng	98
50) 2,6-Dinitrotoluene	14.22	165	110535	20.24	ng	# 64
51) Acenaphthene	14.72	154	228548	11.35	ng	98
54) Dibenzofuran	15.05	168	812266	28.66	ng	# 88
55) 4-Nitrophenol	15.05	139	281192	57.10	ng	# 1
57) Fluorene	15.70	166	275431	10.92	ng	97
59) Diethylphthalate	15.46	149	868612	36.32	ng	99
60) 4-Chlorophenyl-phenylether	15.69	204	370845	31.03	ng	90
67) Hexachlorobenzene	16.70	284	161426	19.66	ng	92
73) Di-n-butylphthalate	18.34	149	1352183	31.20	ng	# 93
74) Fluoranthene	19.43	202	1835760	38.88	ng	95
77) Pyrene	19.79	202	1936744	37.66	ng	99
79) Butylbenzylphthalate	20.66	149	534563	25.98	ng	86
80) Benzo(a)anthracene	21.68	228	465416	9.31	ng	97
82) Chrysene	21.68	228	465416	9.75	ng	95
83) Bis(2-ethylhexyl)phthalate	21.51	149	1098191	35.34	ng	99
84) Di-n-octyl phthalate	22.71	149	1862852	35.12	ng	# 82
87) Benzo(b)fluoranthene	23.81	252	1479719	29.63	ng	# 95
88) Benzo(k)fluoranthene	23.87	252	929785	19.20	ng	# 93
89) Benzo(a)pyrene	24.66	252	519890	10.85	ng	# 94
91) Benzo(g,h,i)perylene	29.58	276	1855430	38.03	ng	# 88

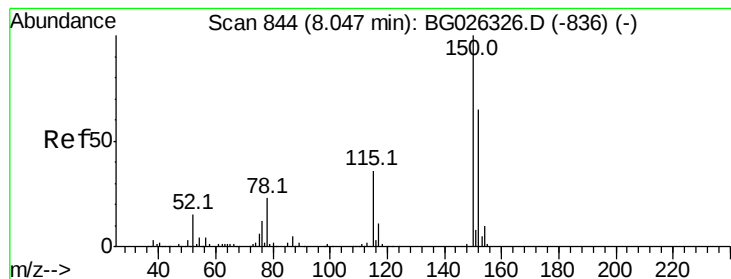
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

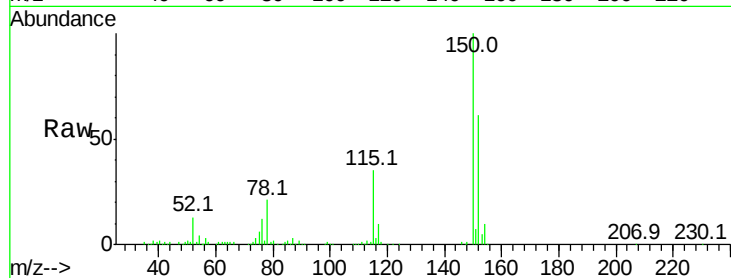
Tot Ion:152 Resp: 124181

Ion Ratio Lower Upper

152 100

150 165.3 114.0 171.0

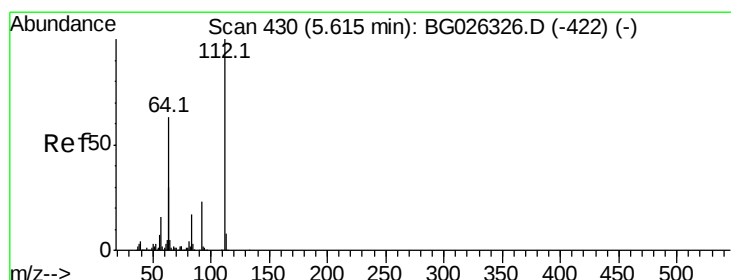
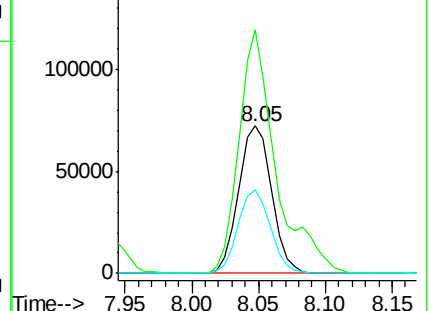
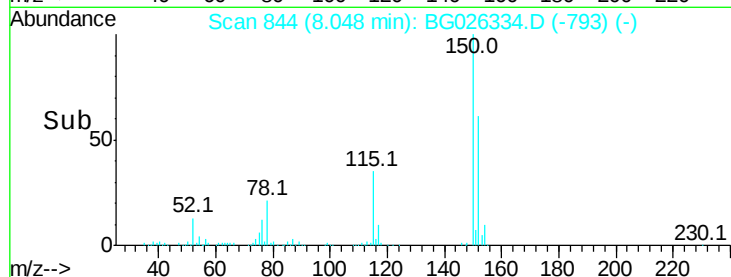
115 57.1 48.1 72.1



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: 30.53 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

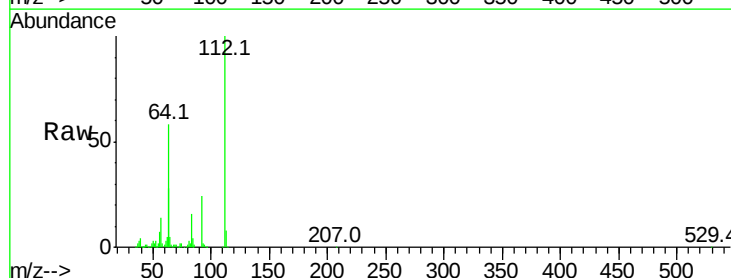
Tgt Ion:112 Resp: 213616

Ion Ratio Lower Upper

112 100

64 58.3 61.8 92.6#

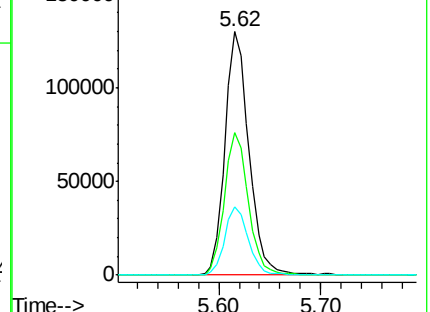
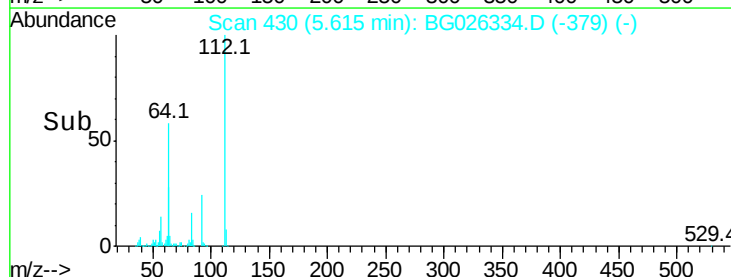
63 28.3 37.2 55.8#

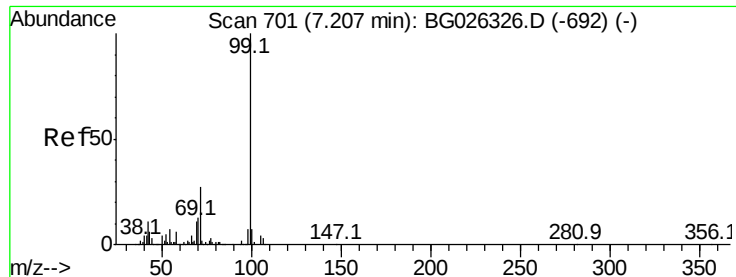


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.07 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

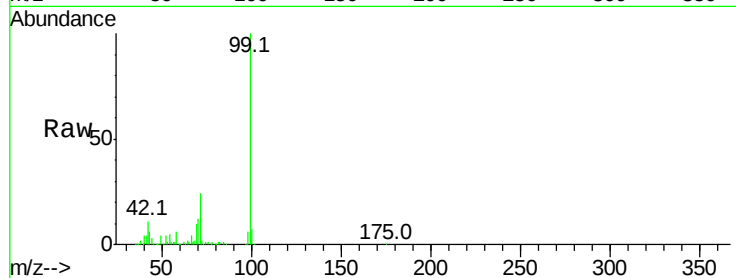
Tot Ion: 99 Resp: 291878

Ion Ratio Lower Upper

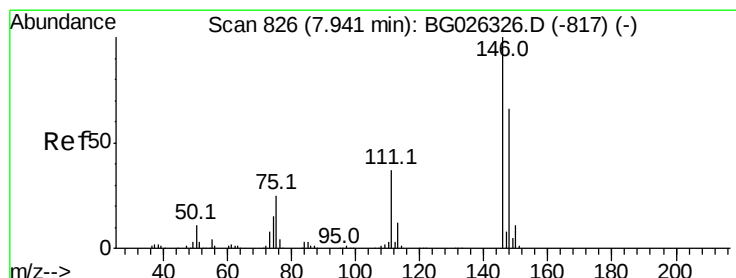
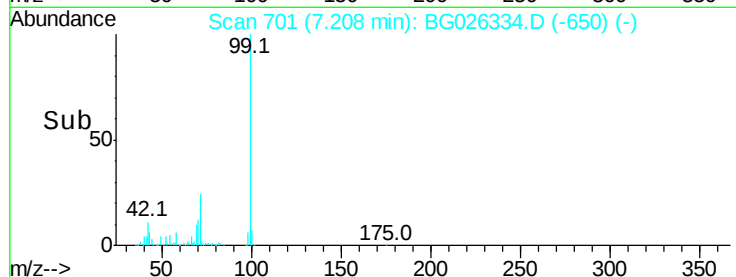
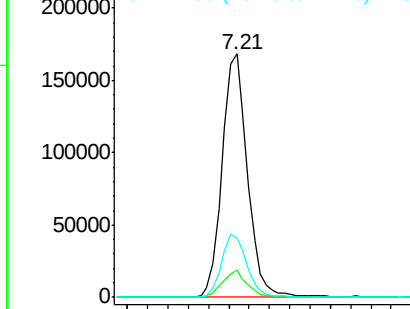
99 100

42 11.2 20.5 30.7#

71 24.4 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



#12

1,3-Dichlorobenzene

Concen: 31.96 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

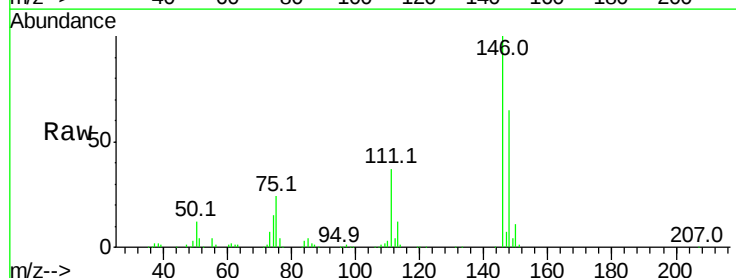
Tgt Ion: 146 Resp: 299699

Ion Ratio Lower Upper

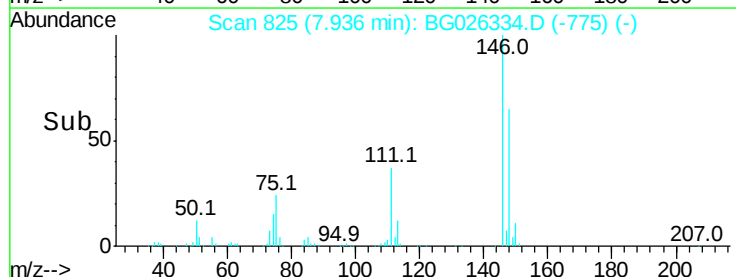
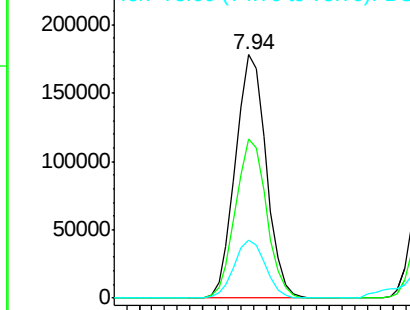
146 100

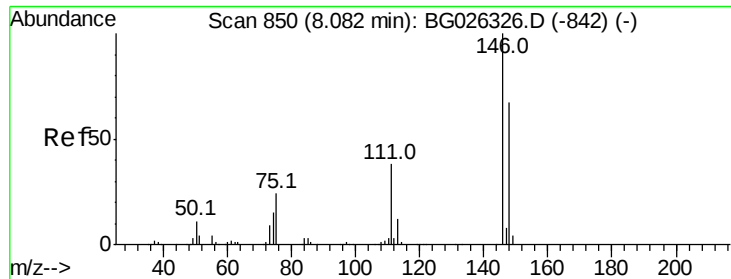
148 65.3 49.2 73.8

75 23.8 33.4 50.2#



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

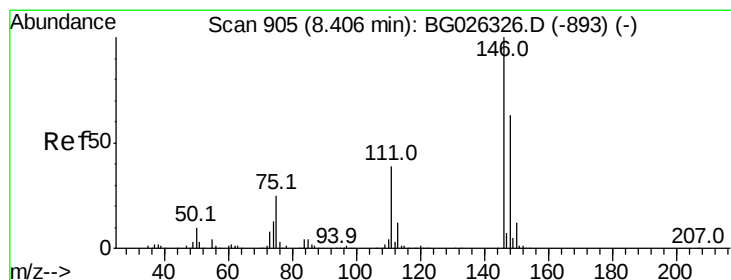
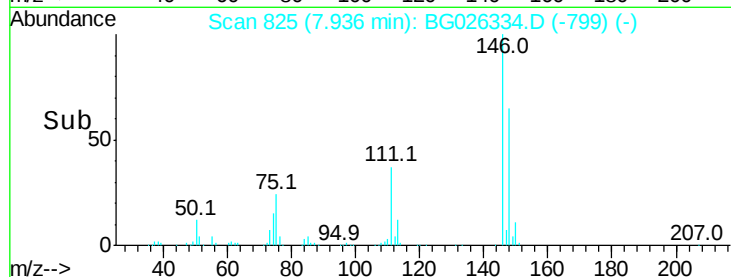
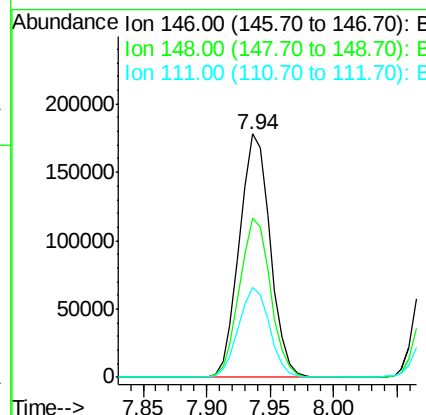
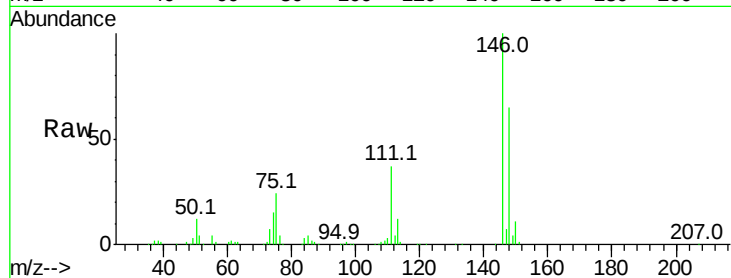




#13
 1,4-Dichlorobenzene
 Concen: 31.59 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.15 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

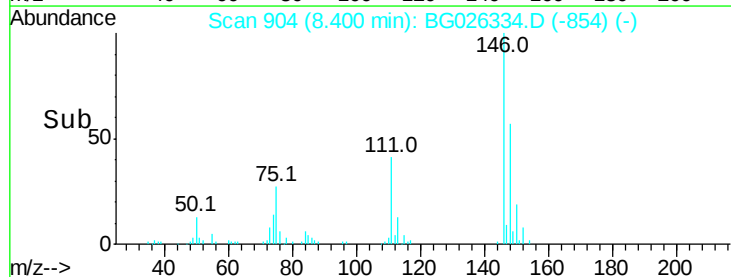
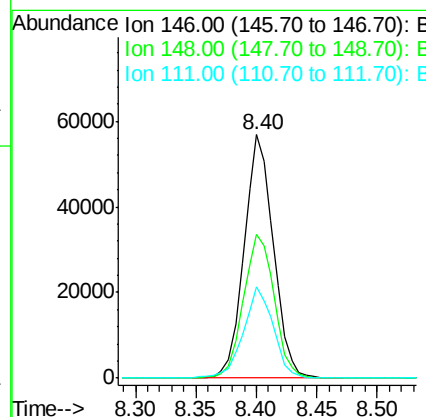
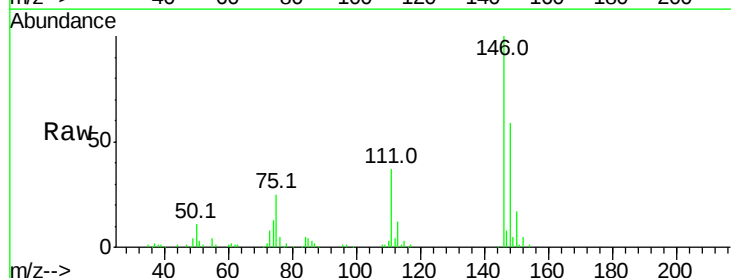
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

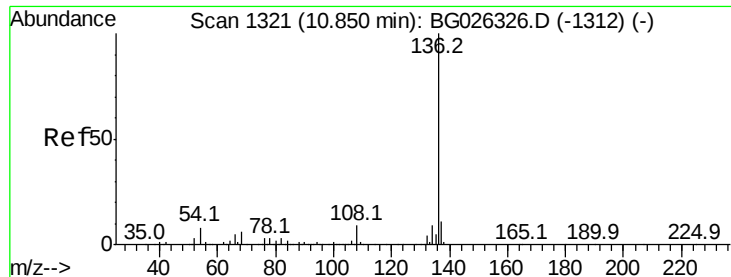
Tot Ion:146 Resp: 299699
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 37.0 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 10.59 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

Tgt Ion:146 Resp: 96180
 Ion Ratio Lower Upper
 146 100
 148 59.2 54.6 81.8
 111 37.3 39.7 59.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

Tot Ion:136 Resp: 533664

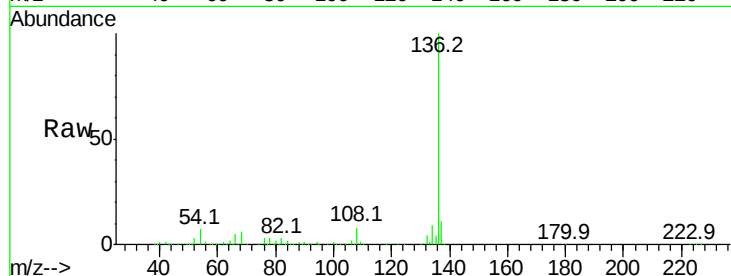
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.4 9.3 13.9#

68 5.9 5.1 7.7

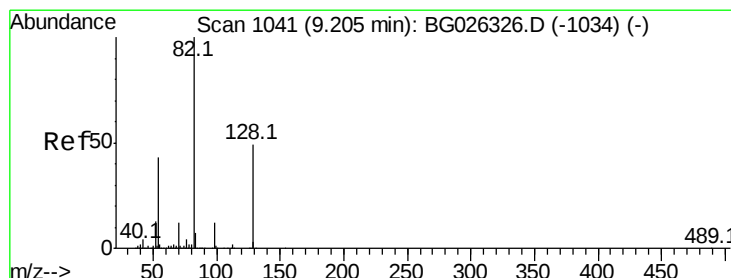
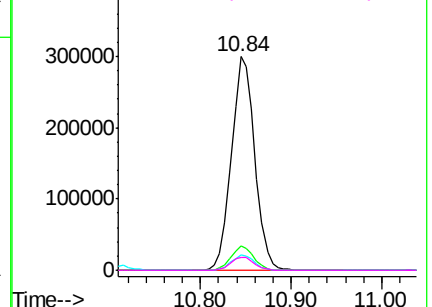
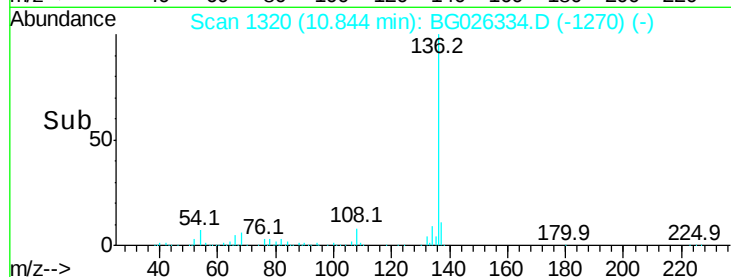


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 17.71 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

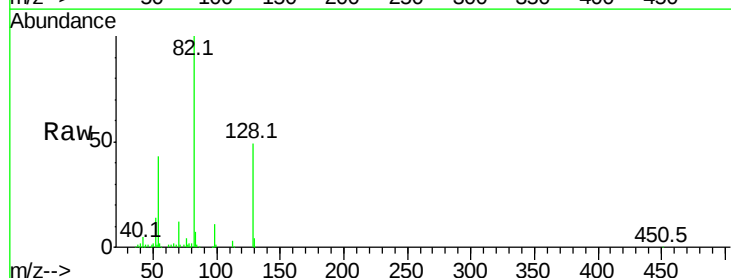
Tgt Ion: 82 Resp: 157161

Ion Ratio Lower Upper

82 100

128 48.7 26.4 39.6#

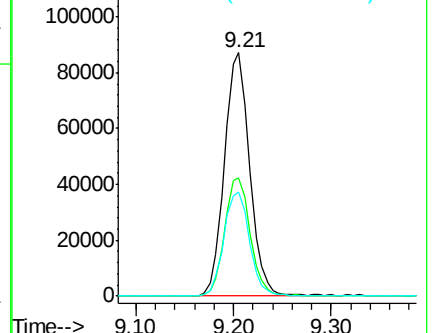
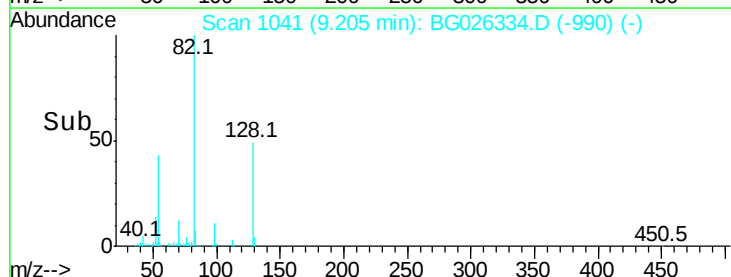
54 42.8 49.4 74.2#

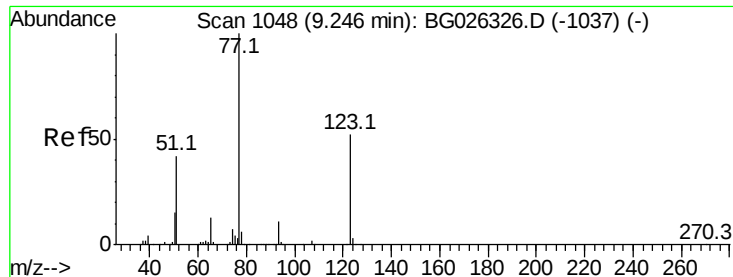


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 9.29 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

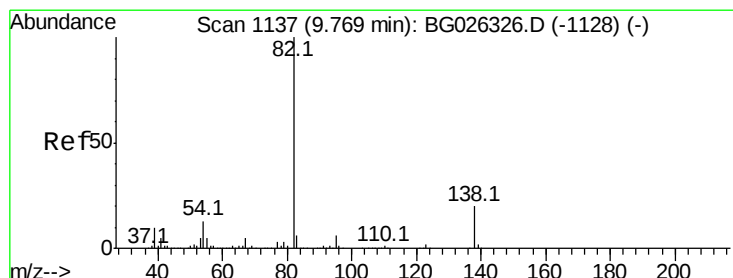
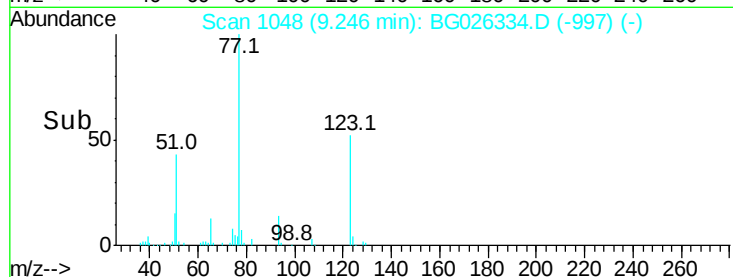
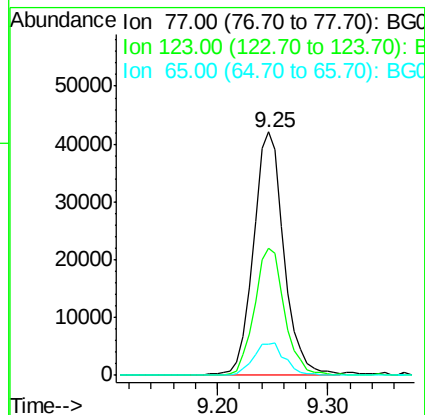
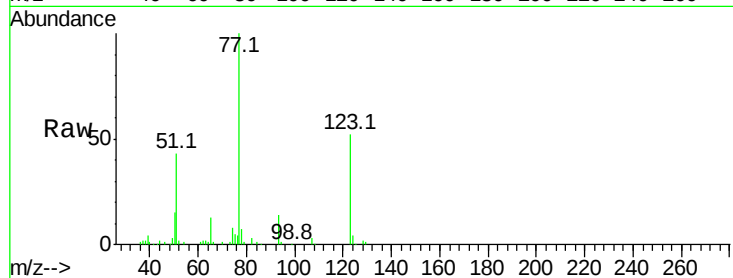
Tot Ion: 77 Resp: 81423

Ion Ratio Lower Upper

77 100

123 52.1 26.1 39.1#

65 12.8 12.4 18.6



#25

Isophorone

Concen: 20.42 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

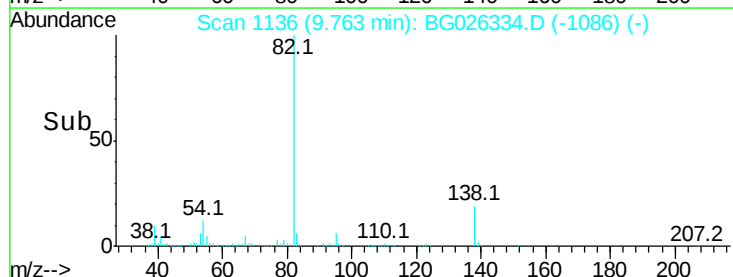
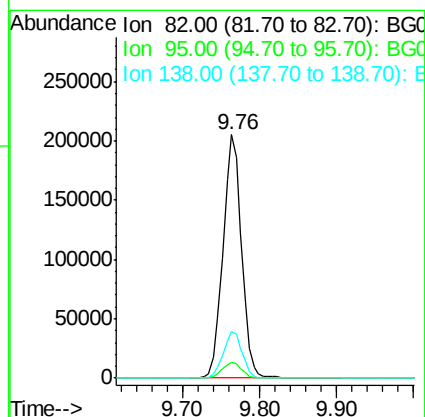
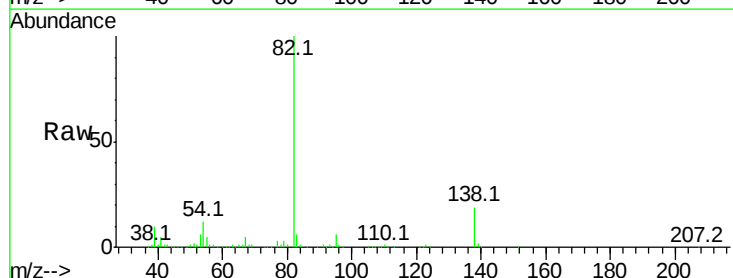
Tgt Ion: 82 Resp: 341507

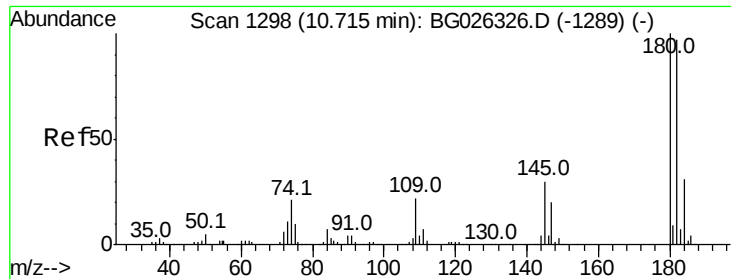
Ion Ratio Lower Upper

82 100

95 6.2 7.5 11.3#

138 19.1 12.3 18.5#

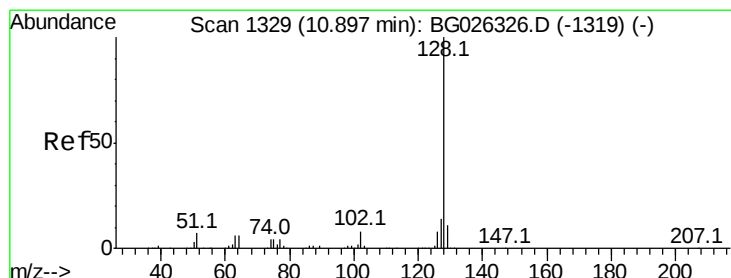
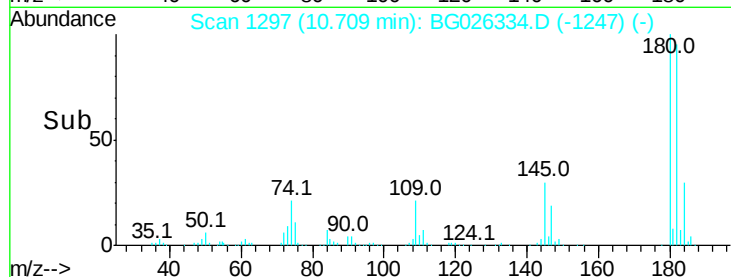
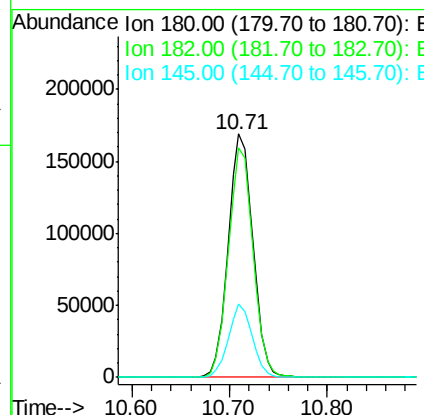
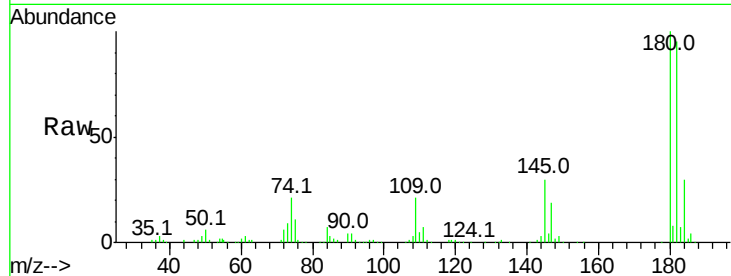




#30
 1,2,4-Trichlorobenzene
 Concen: 34.96 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

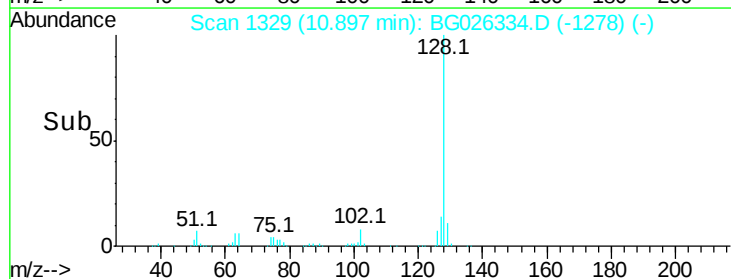
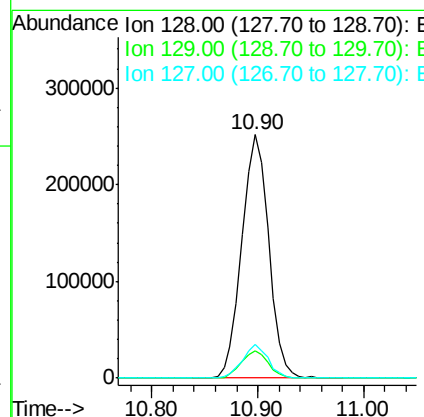
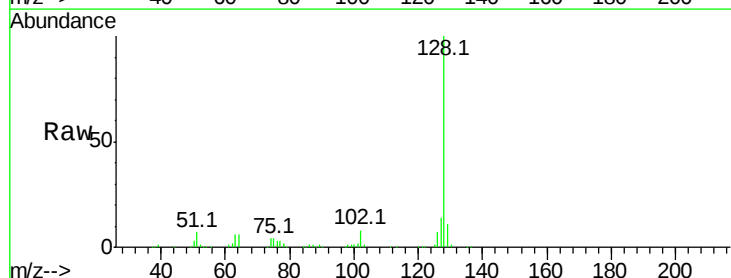
Instrument :
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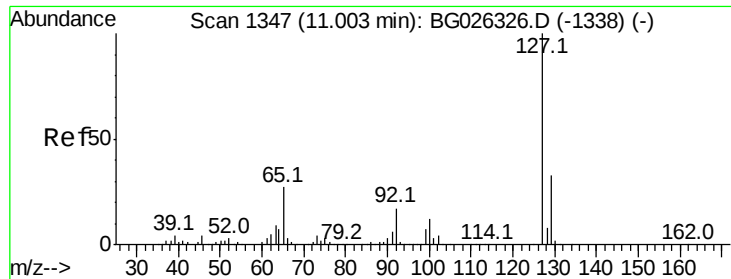
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.4
145	30.1	23.4	35.0



#31
 Naphthalene
 Concen: 16.46 ng
 RT: 10.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.6	11.4	17.0

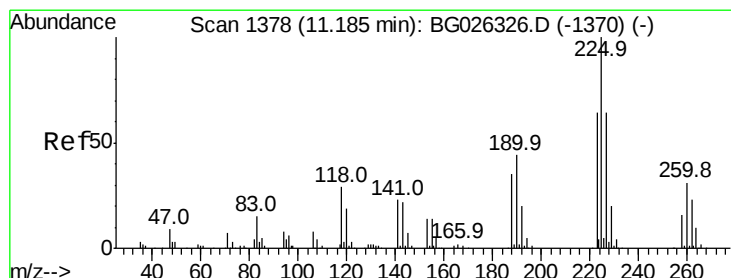
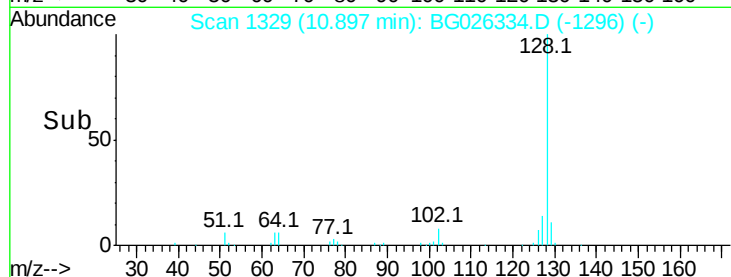
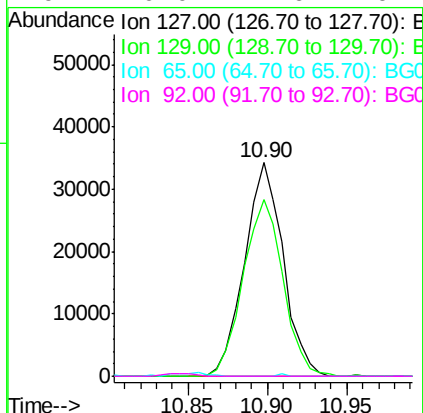
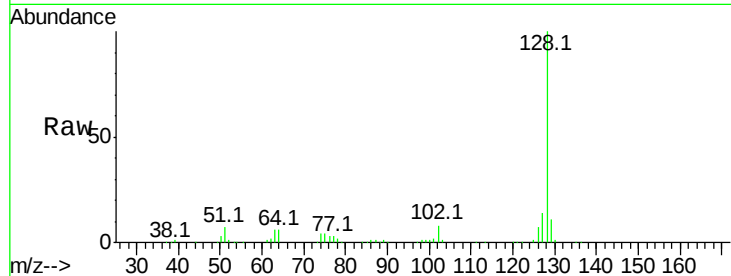




#33
4-Chloroaniline
Concen: 5.28 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.11 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

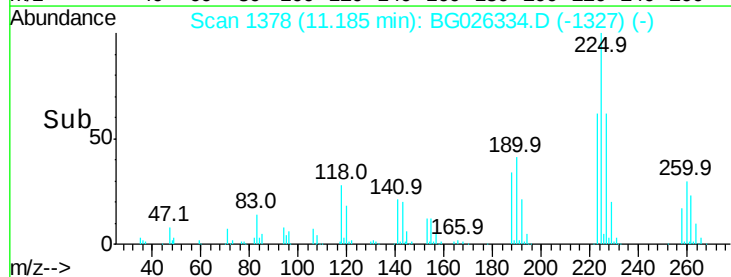
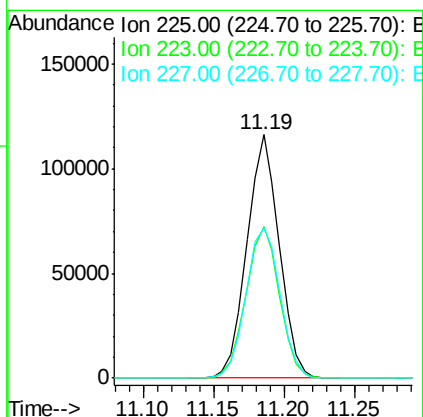
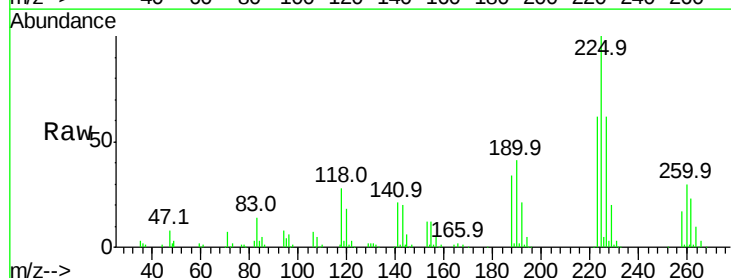
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

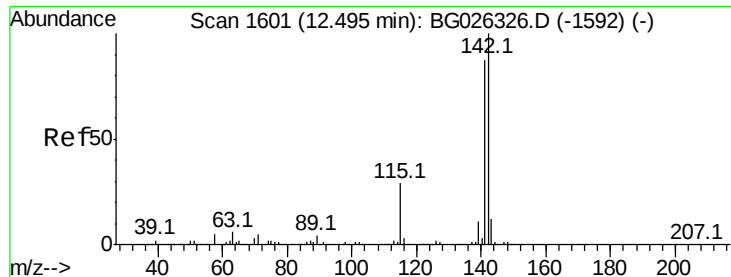
Tot Ion:	127	Resp:	57913
Ion	Ratio	Lower	Upper
127	100		
129	82.9	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

Tgt Ion:	225	Resp:	186185
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	61.6	49.0	73.6

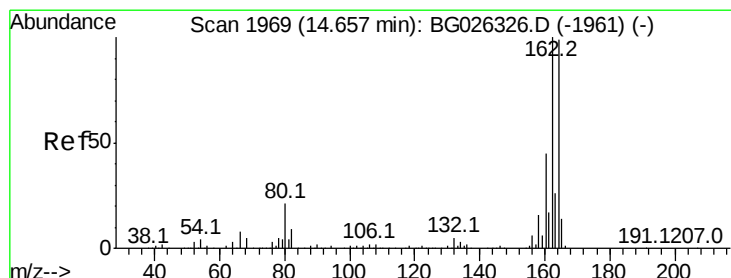
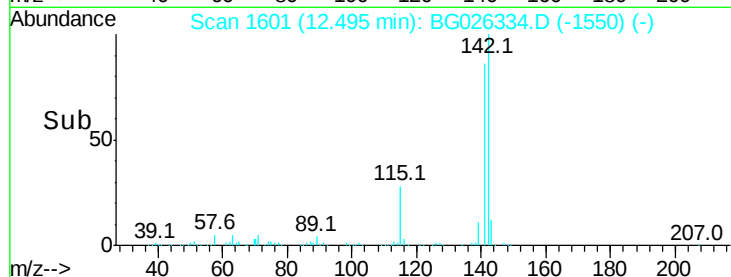
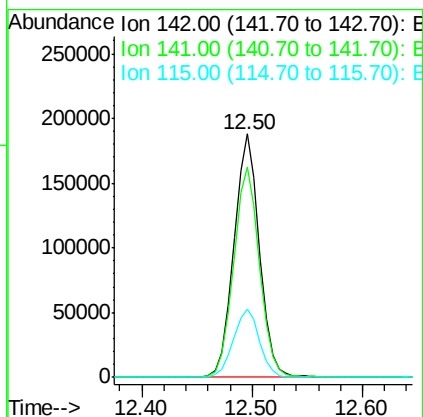
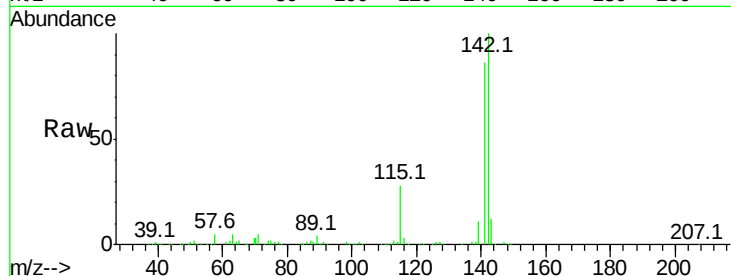




#37
2-Methylnaphthalene
Concen: 15.35 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

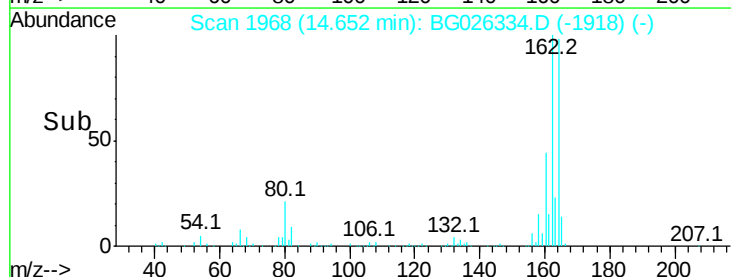
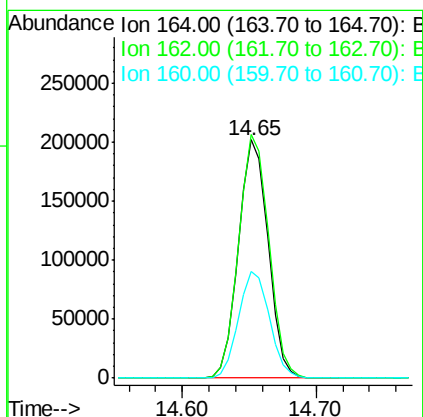
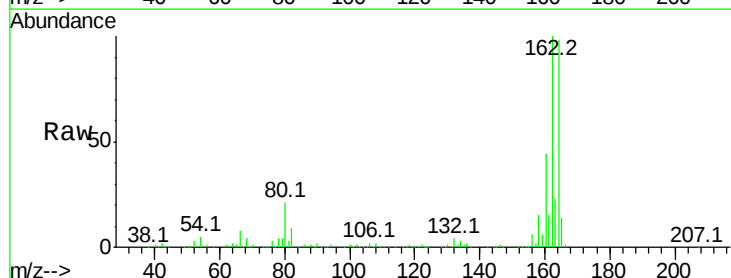
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

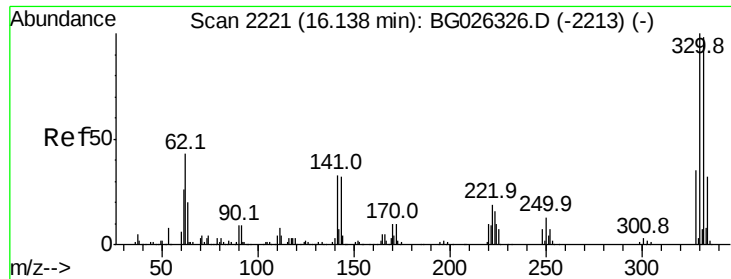
Tot Ion:142 Resp: 303305
Ion Ratio Lower Upper
142 100
141 86.2 70.4 105.6
115 28.0 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

Tgt Ion:164 Resp: 310033
Ion Ratio Lower Upper
164 100
162 102.2 85.1 127.7
160 44.9 34.7 52.1

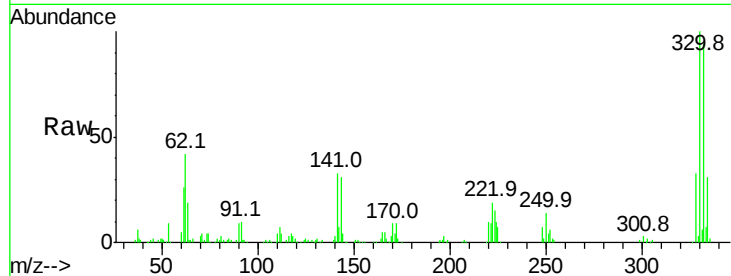




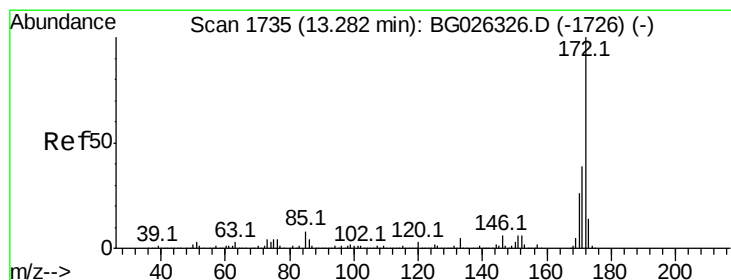
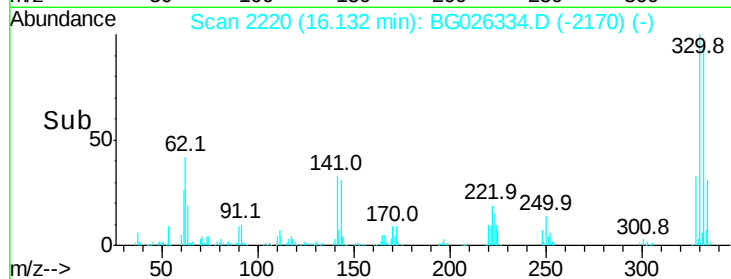
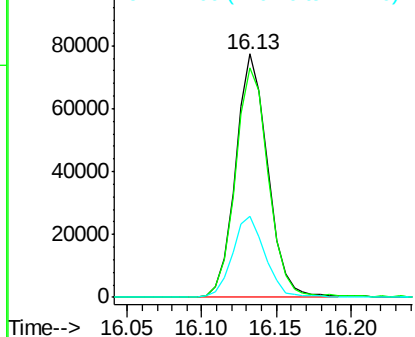
#41
 2,4,6-Tribromophenol
 Concen: 32.57 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tot Ion:330 Resp: 115621
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 34.1 32.1 48.1

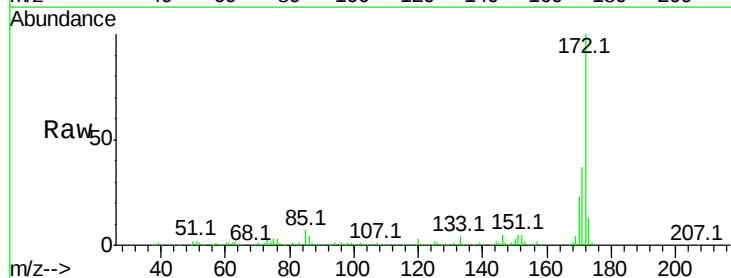


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

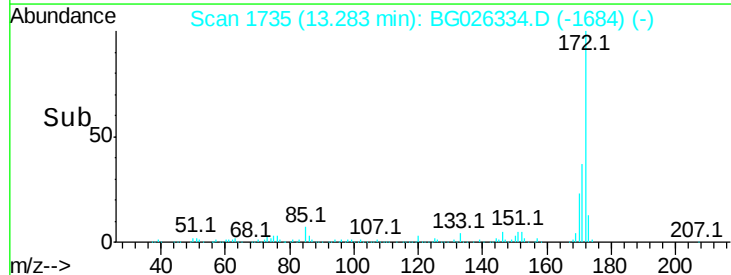
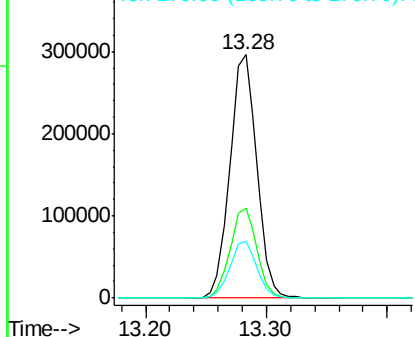


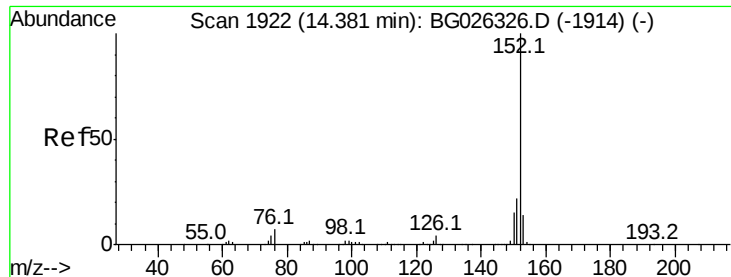
#44
 2-Fluorobiphenyl
 Concen: 20.81 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026334.D
 Acq: 20 Mar 2017 19:45

Tgt Ion:172 Resp: 460020
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 23.3 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 29.50 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

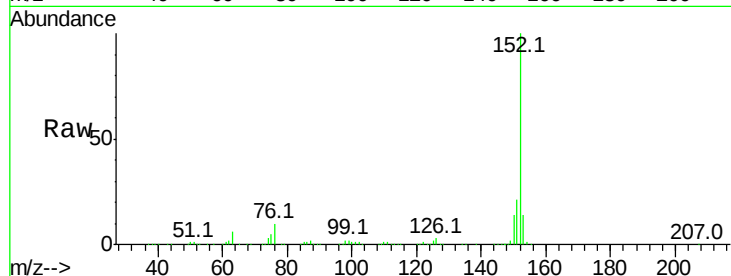
Tot Ion:152 Resp: 964259

Ion Ratio Lower Upper

152 100

151 21.0 18.2 27.2

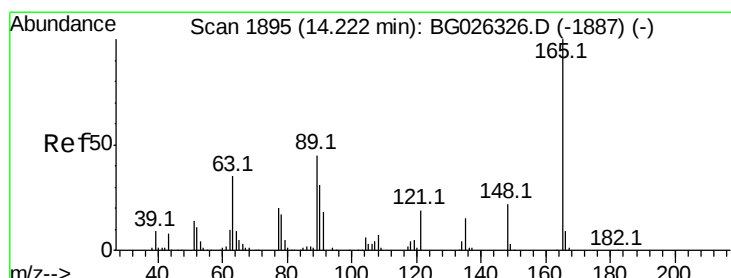
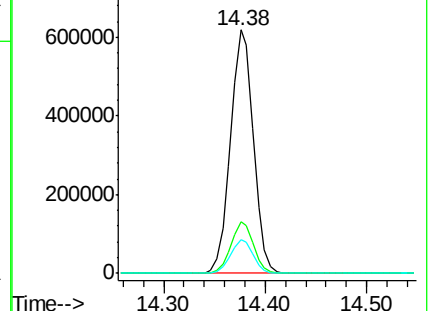
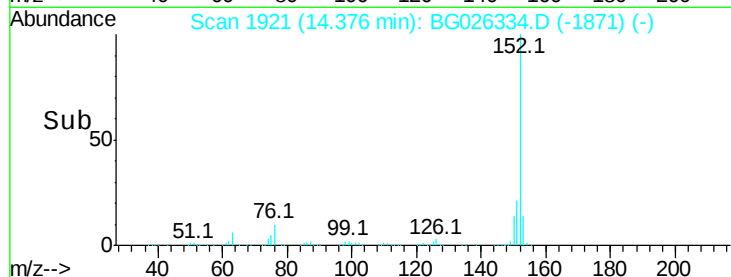
153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 20.24 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

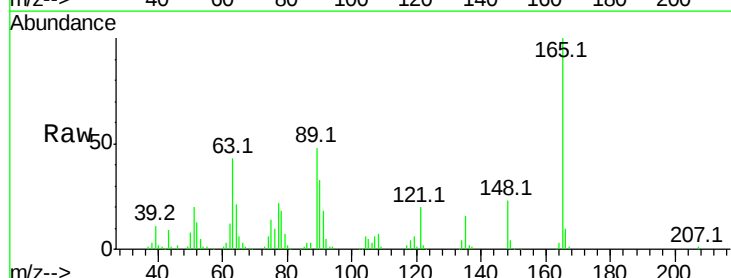
Tgt Ion:165 Resp: 110535

Ion Ratio Lower Upper

165 100

63 43.1 63.9 95.9#

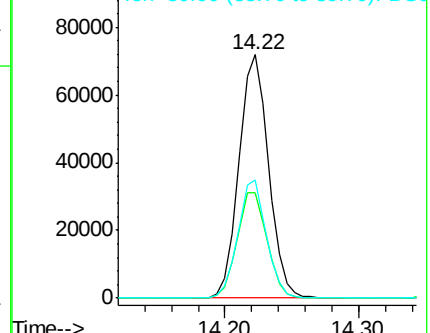
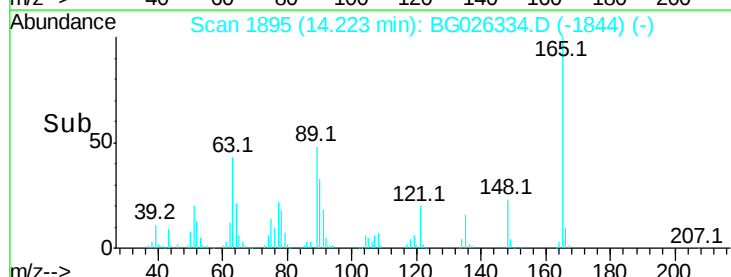
89 48.5 58.6 88.0#

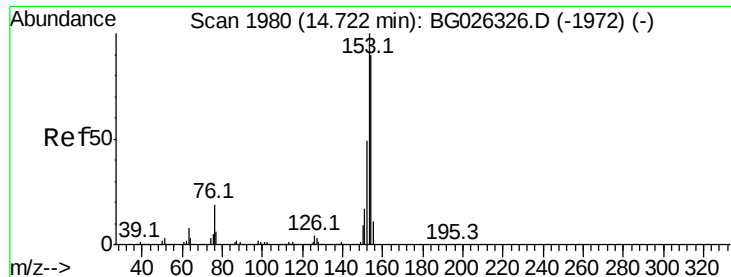


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 11.35 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

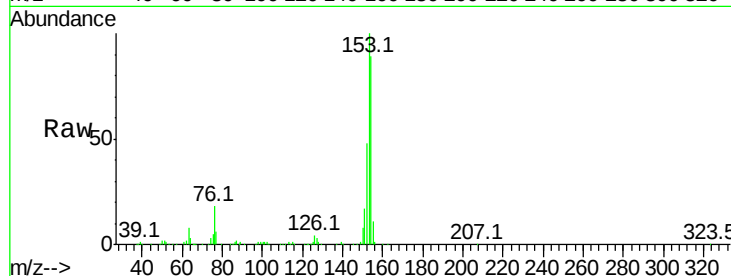
Tot Ion:154 Resp: 228548

Ion Ratio Lower Upper

154 100

153 111.9 87.8 131.6

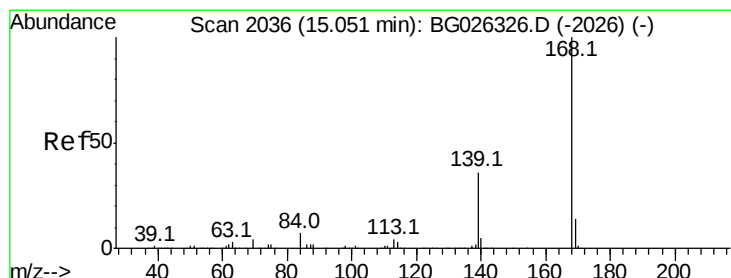
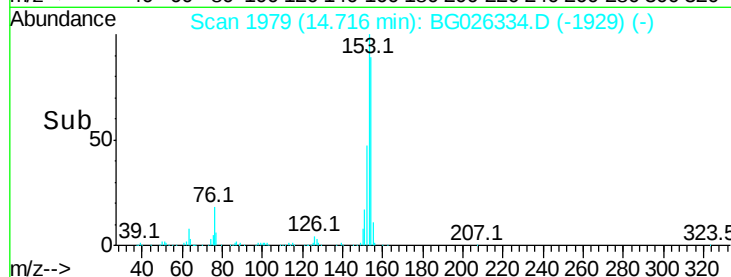
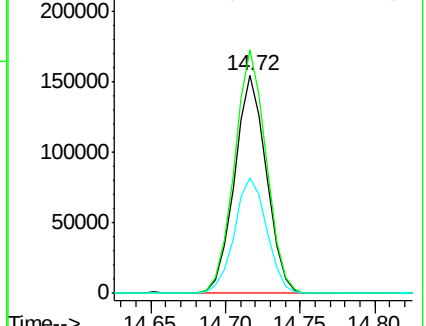
152 53.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 28.66 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

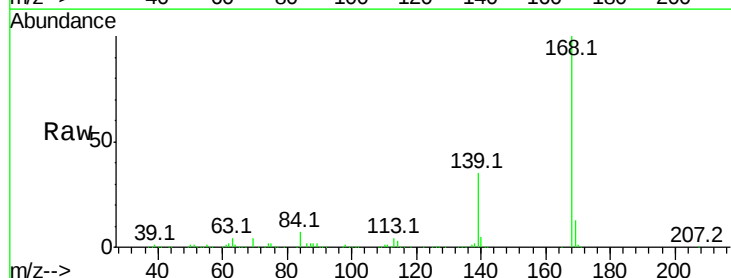
Tgt Ion:168 Resp: 812266

Ion Ratio Lower Upper

168 100

139 34.5 35.3 52.9#

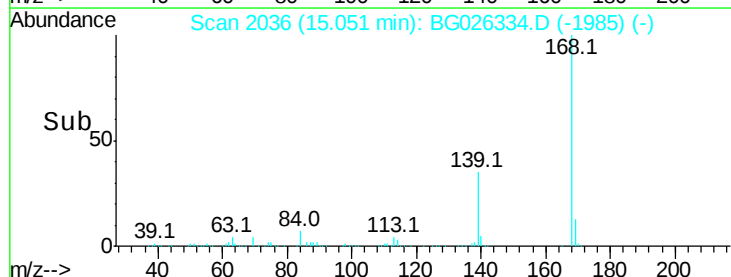
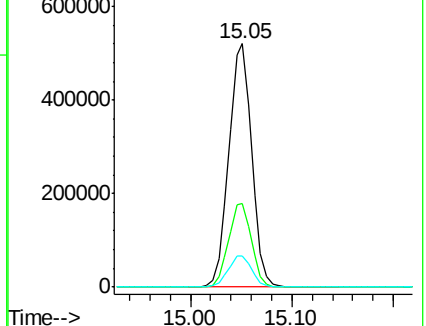
169 12.9 11.5 17.3

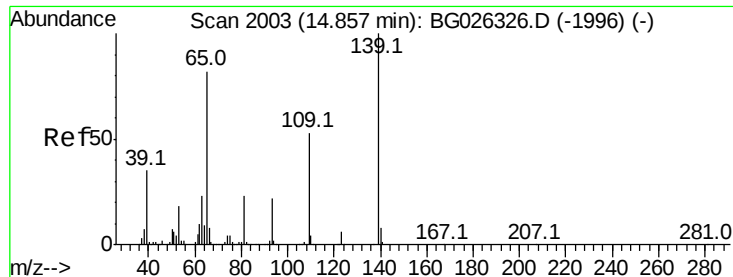


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

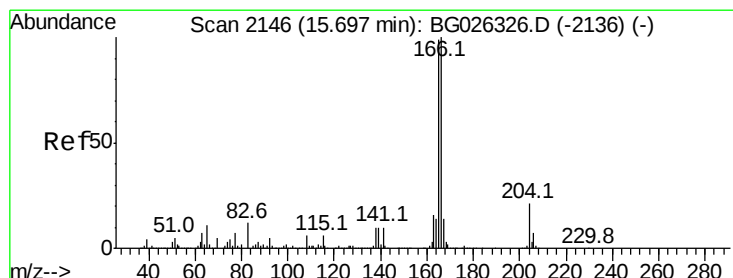
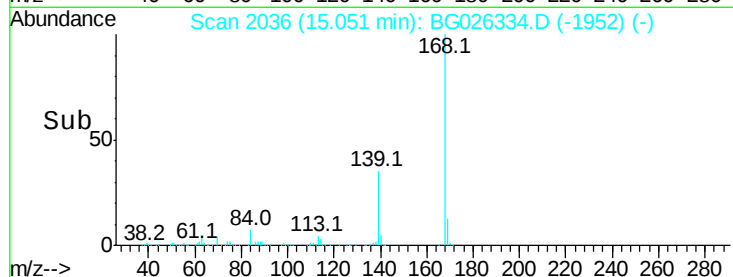
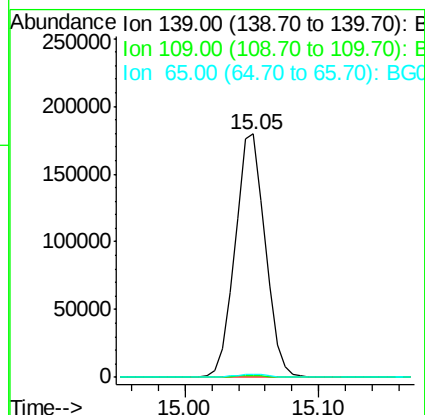
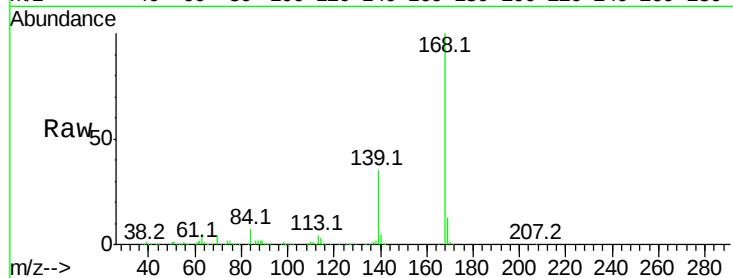




#55
4-Nitrophenol
Concen: 57.10 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.19 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

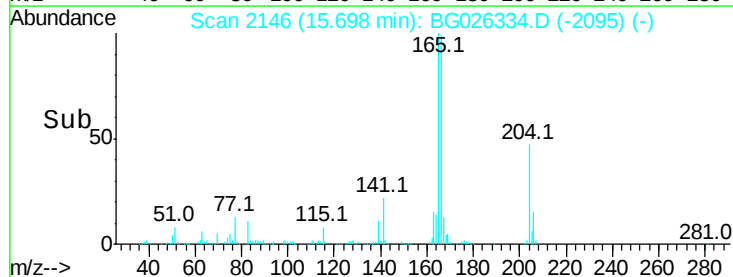
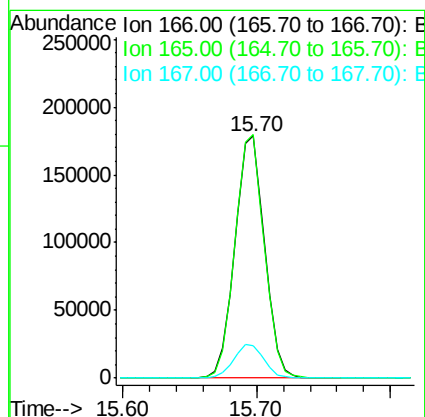
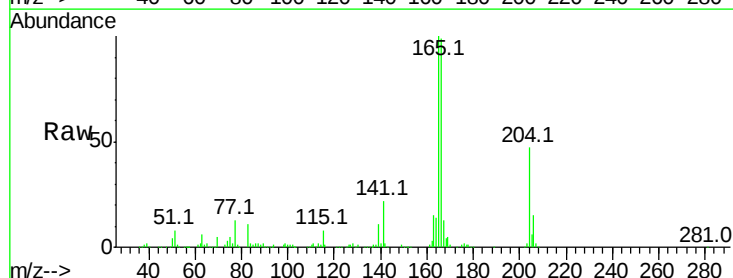
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

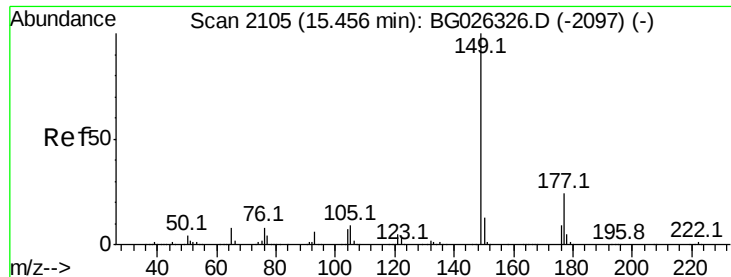
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.9	101.2	141.2#
65	1.3	135.3	175.3#



#57
Fluorene
Concen: 10.92 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.6	117.8
167	13.4	11.6	17.4





#59

Diethylphthalate

Concen: 36.32 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

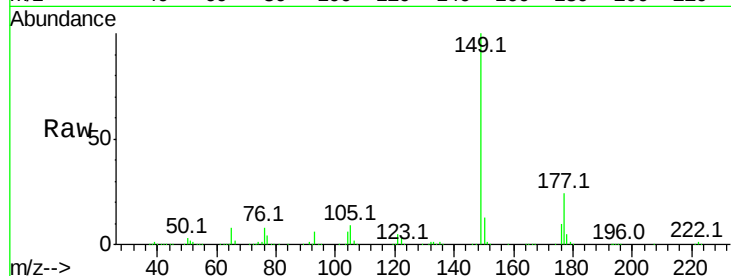
Tot Ion:149 Resp: 868612

Ion Ratio Lower Upper

149 100

177 24.5 20.1 30.1

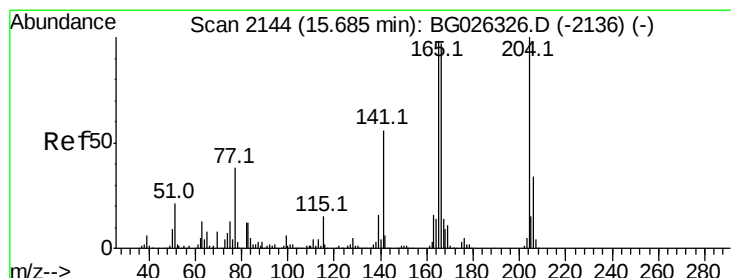
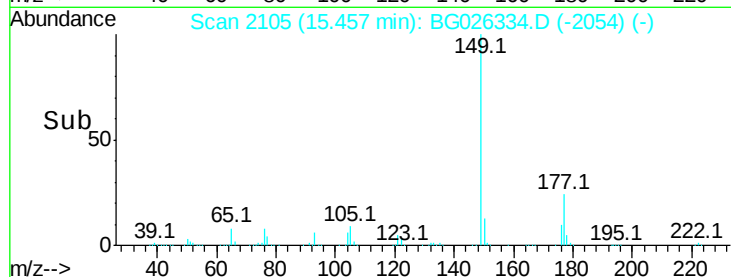
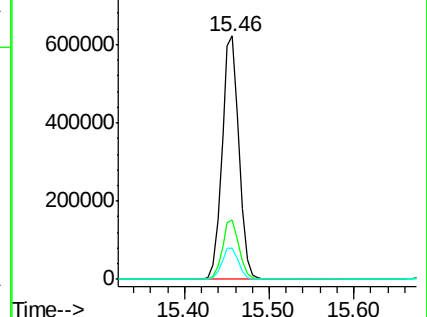
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.03 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

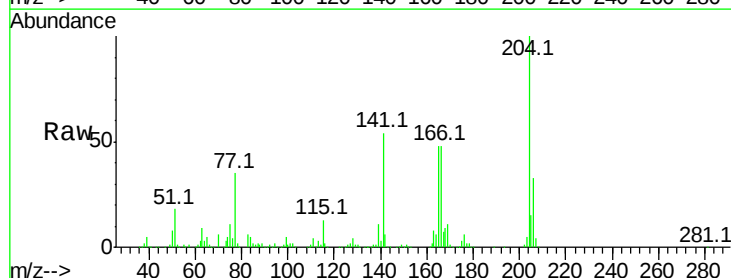
Tgt Ion:204 Resp: 370845

Ion Ratio Lower Upper

204 100

206 33.0 30.1 45.1

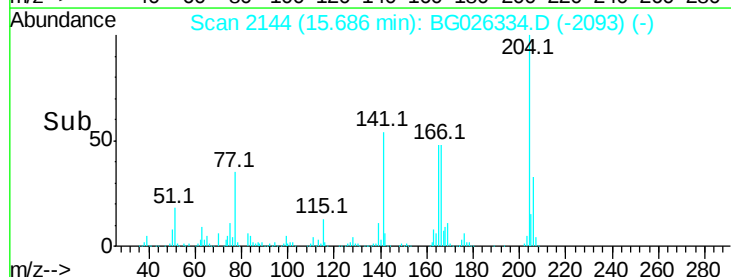
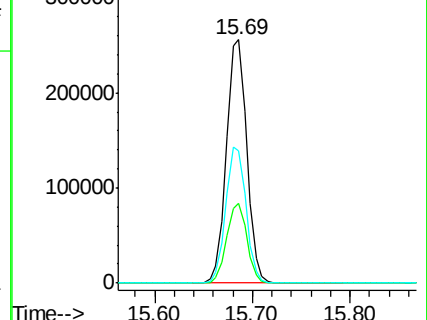
141 54.5 50.6 76.0

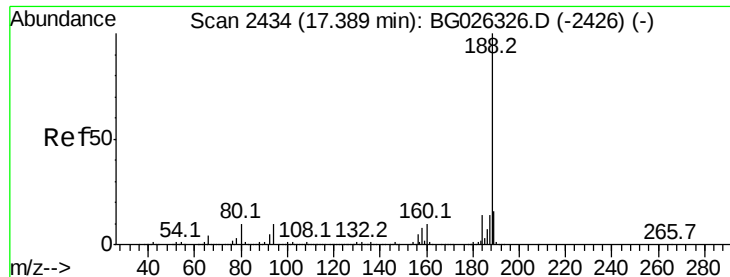


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

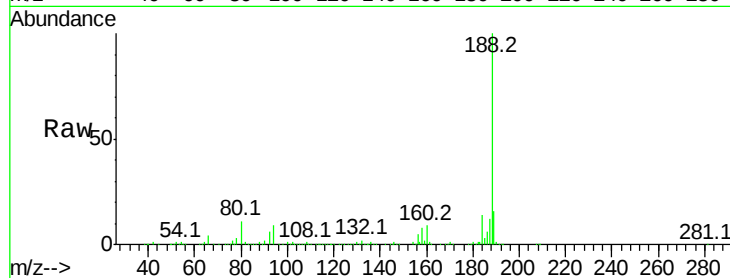
Tot Ion:188 Resp: 747704

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

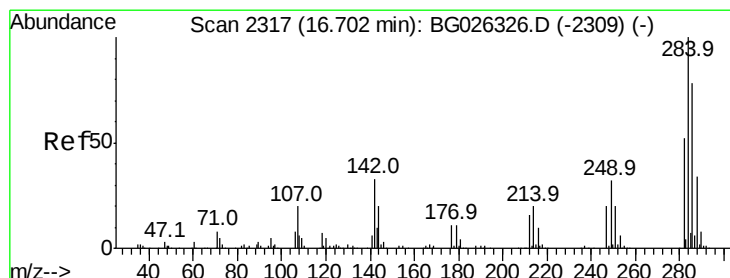
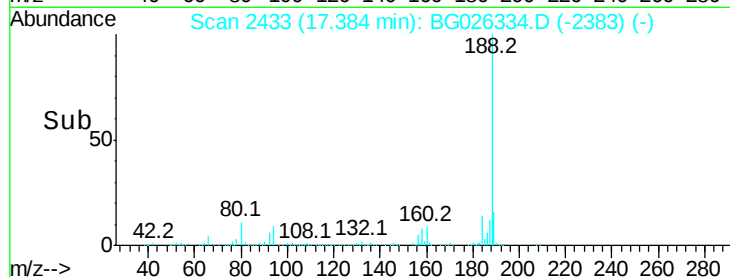
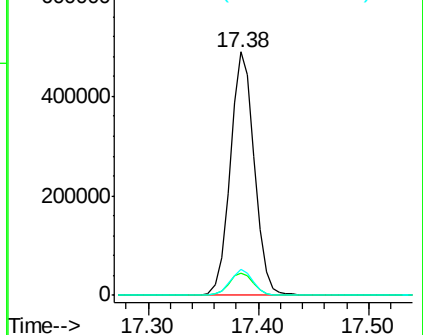
80 10.6 7.5 11.3



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



#67

Hexachlorobenzene

Concen: 19.66 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

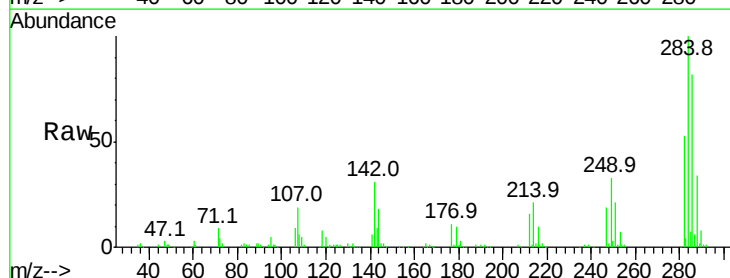
Tgt Ion:284 Resp: 161426

Ion Ratio Lower Upper

284 100

142 31.4 29.9 44.9

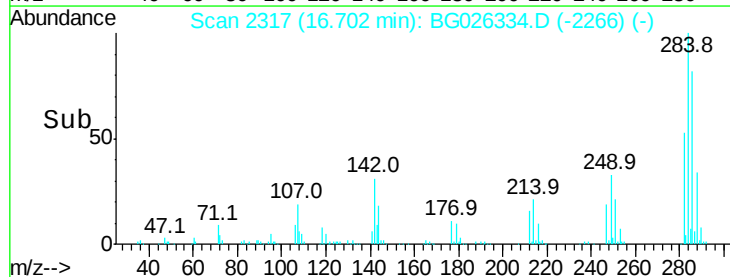
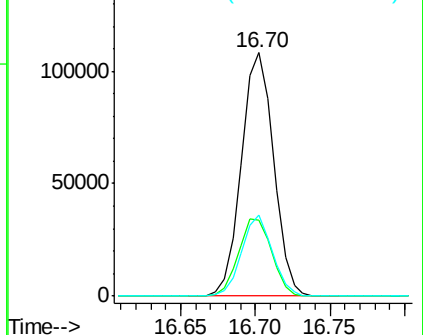
249 33.3 29.2 43.8

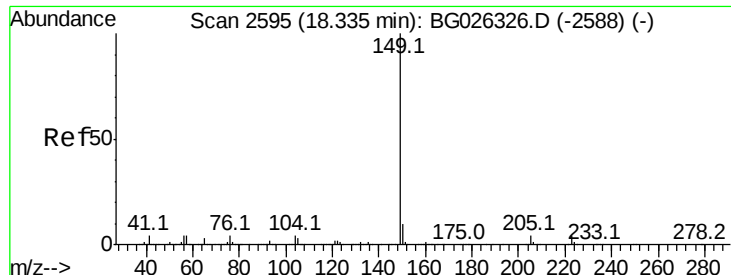


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

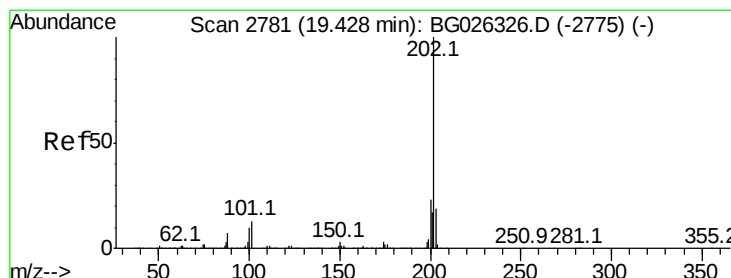
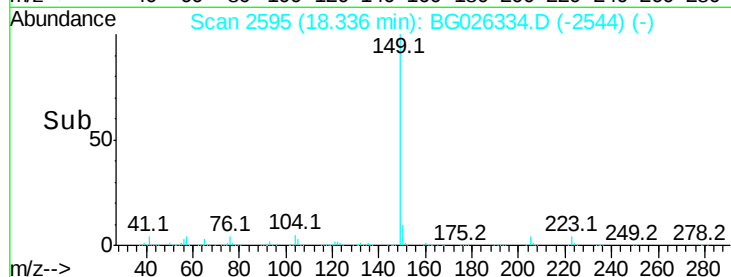
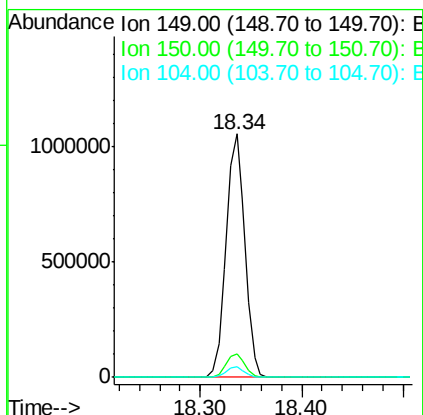
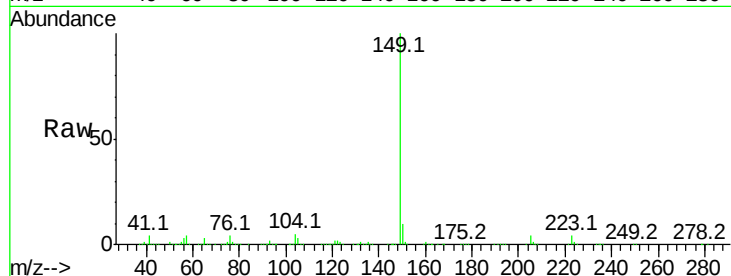




#73
Di-n-butylphthalate
Concen: 31.20 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

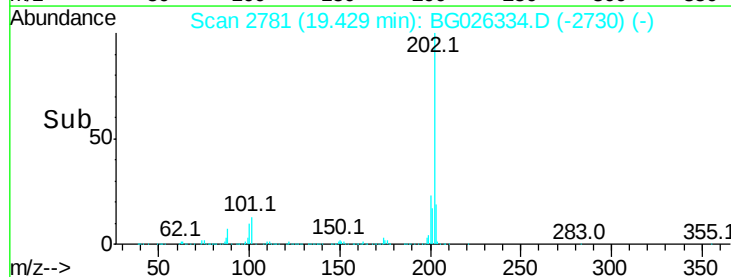
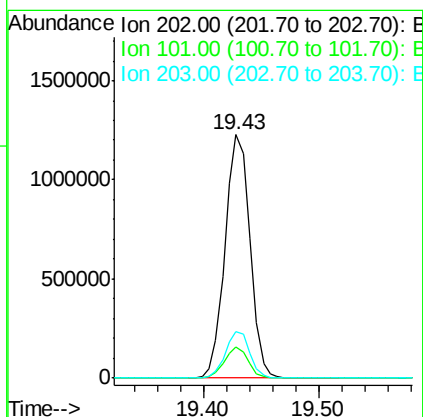
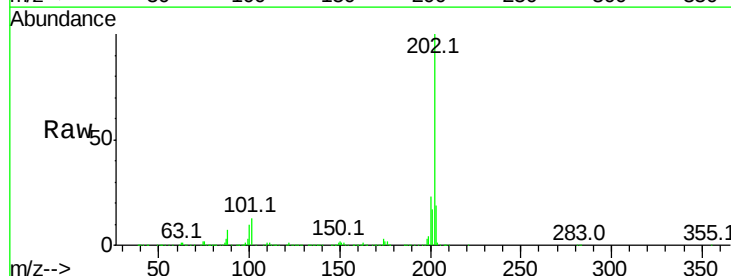
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

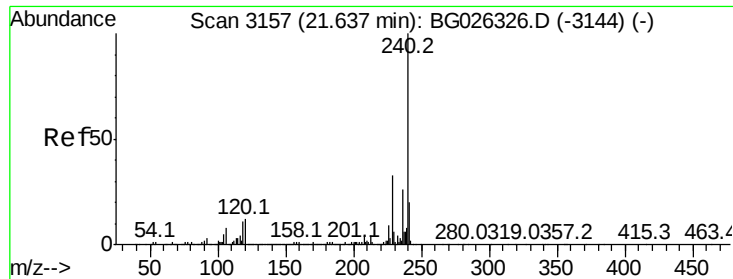
Tot Ion:149 Resp: 1352183
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 38.88 ng
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

Tgt Ion:202 Resp: 1835760
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.1
203 19.3 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

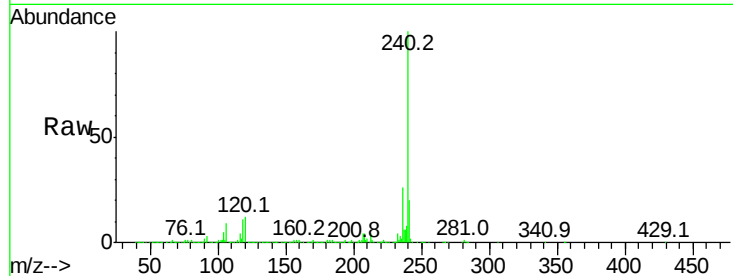
Tot Ion:240 Resp: 888121

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

236 25.7 22.2 33.4



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

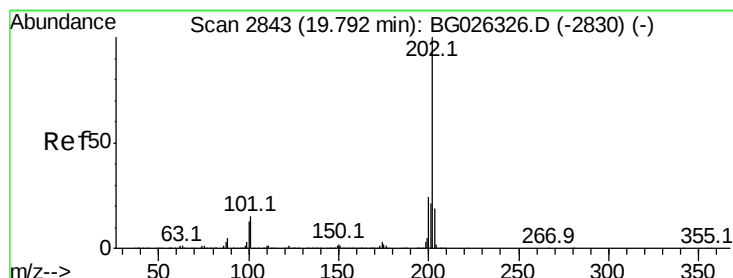
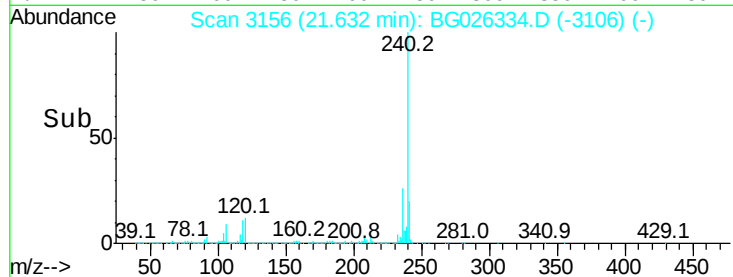
21.63

400000

200000

0

Time-->



#77

Pyrene

Concen: 37.66 ng

RT: 19.79 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

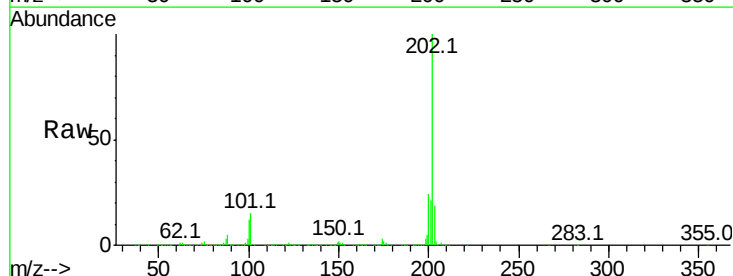
Tgt Ion:202 Resp: 1936744

Ion Ratio Lower Upper

202 100

200 24.0 19.6 29.4

203 19.3 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

19.79

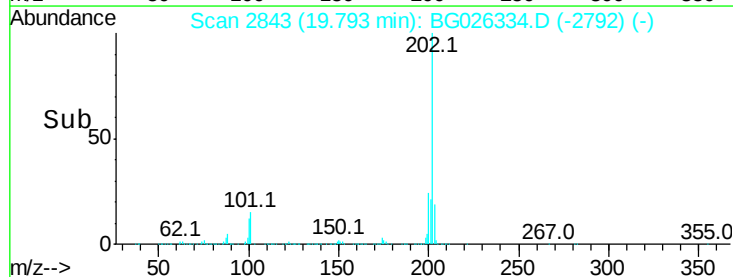
1500000

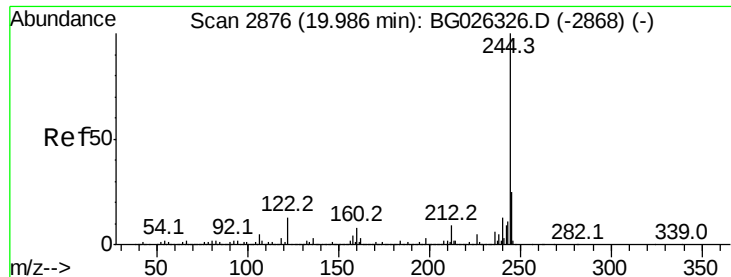
1000000

500000

0

Time-->





#78

Terphenyl-d14

Concen: 20.15 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

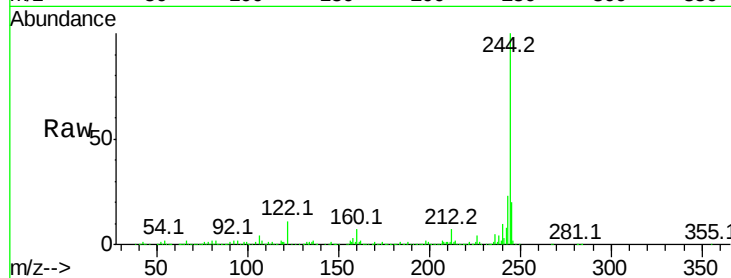
Tot Ion:244 Resp: 736991

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

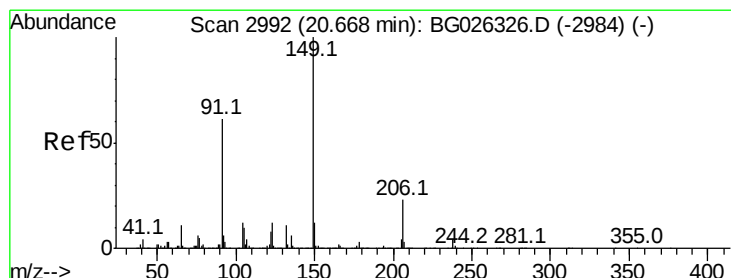
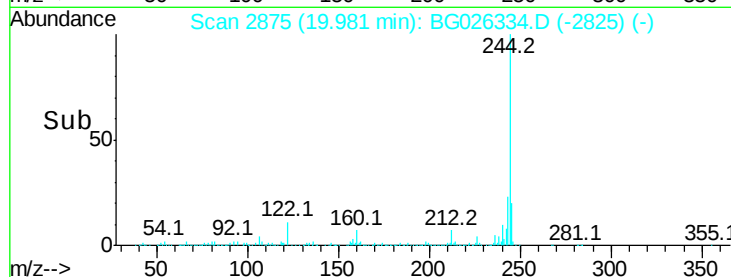
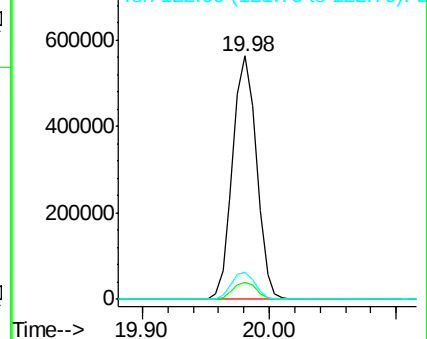
122 11.3 8.6 12.8



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: 25.98 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

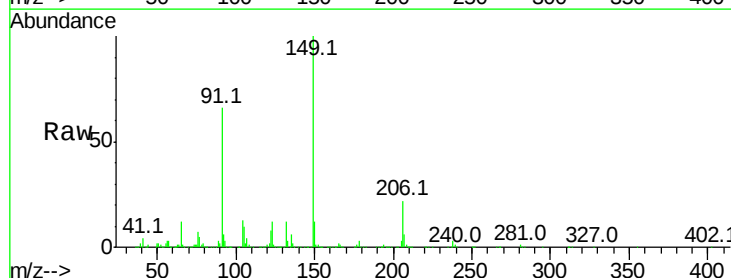
Tgt Ion:149 Resp: 534563

Ion Ratio Lower Upper

149 100

91 65.5 63.5 95.3

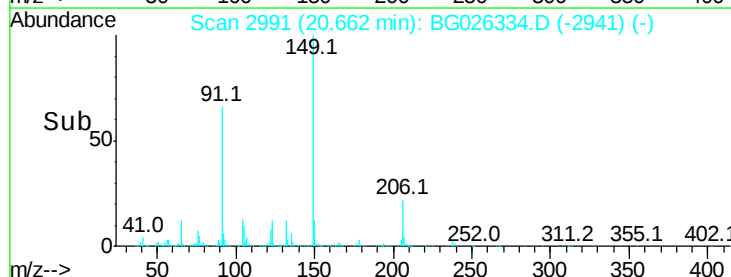
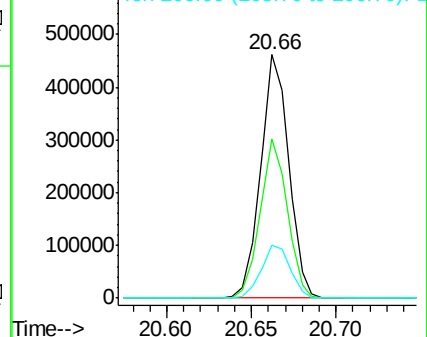
206 22.0 21.0 31.6

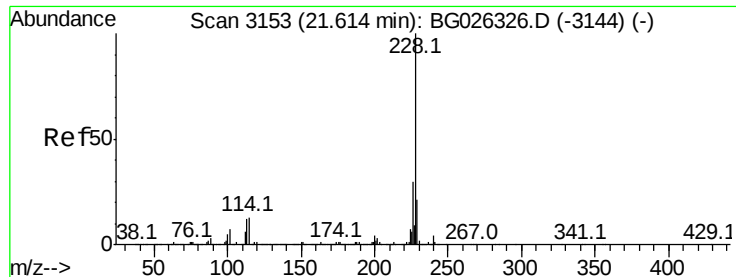


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 9.31 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.07 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

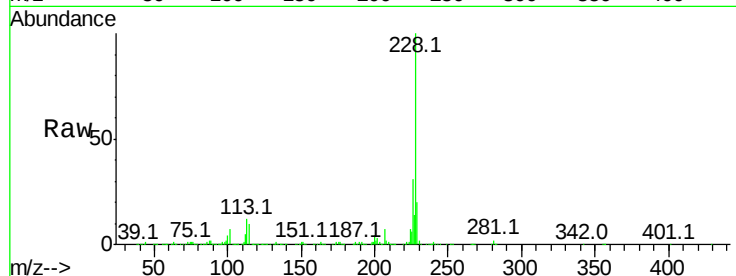
Tot Ion:228 Resp: 465416

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

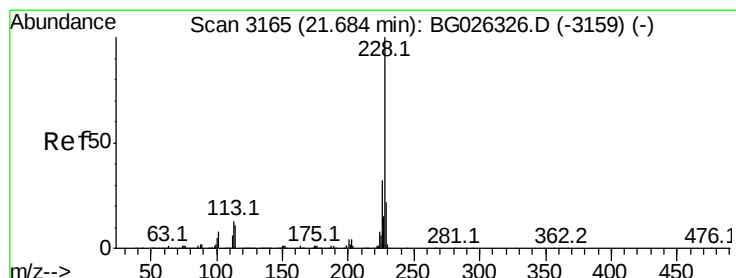
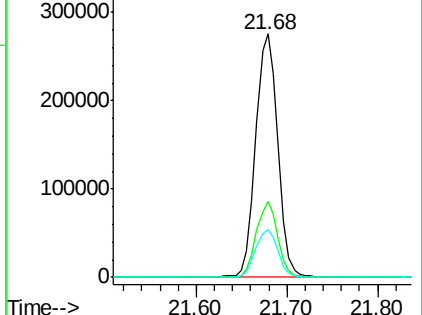
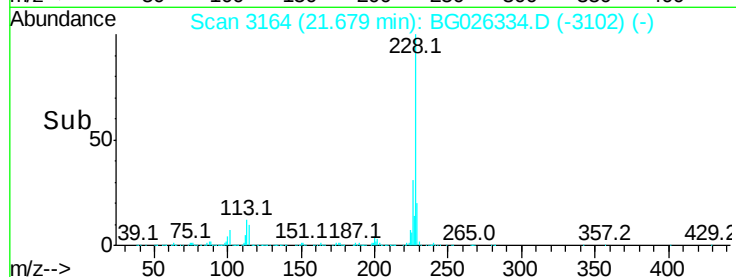
229 19.6 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 9.75 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

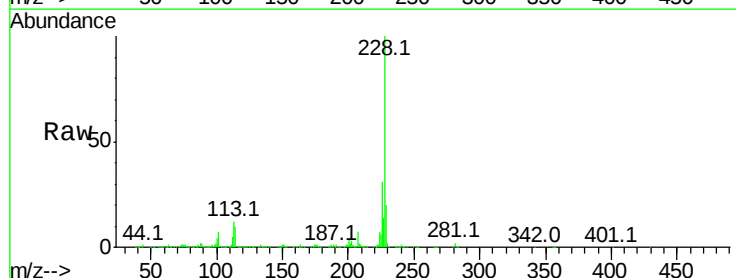
Tgt Ion:228 Resp: 465416

Ion Ratio Lower Upper

228 100

226 31.3 27.0 40.4

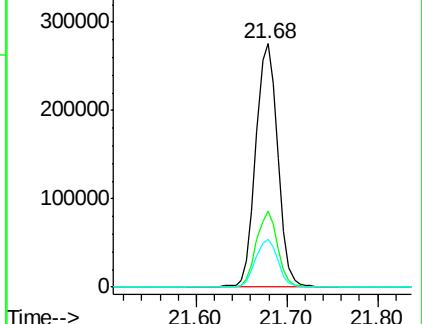
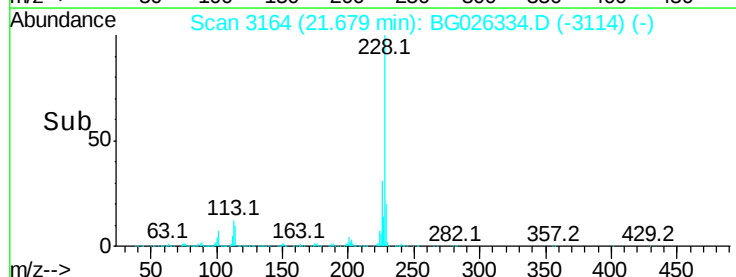
229 19.6 17.8 26.6

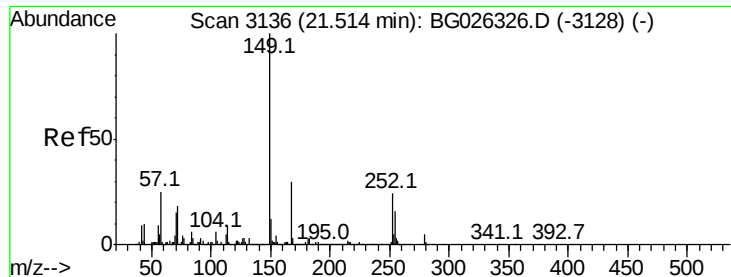


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.34 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

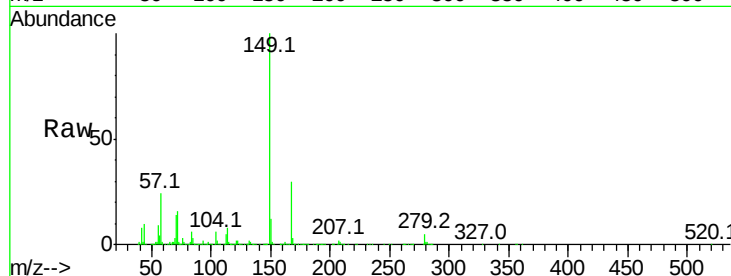
Tot Ion:149 Resp: 1098191

Ion Ratio Lower Upper

149 100

167 30.2 23.7 35.5

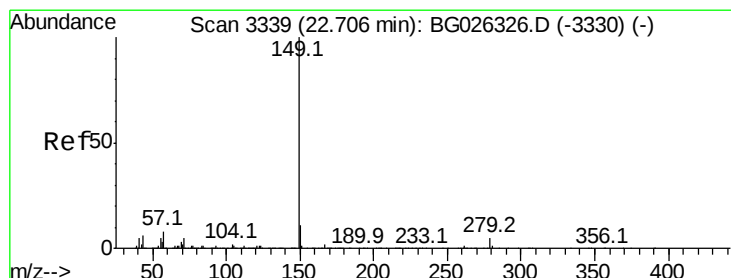
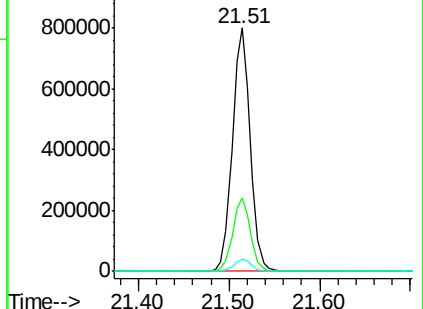
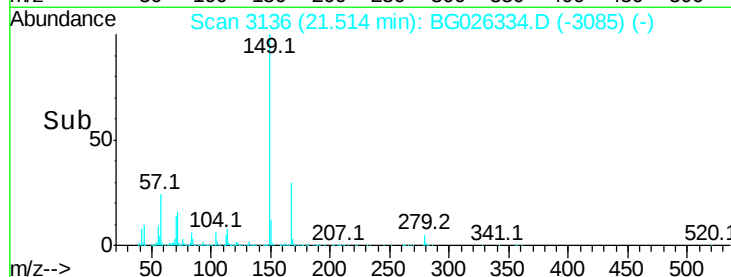
279 4.8 4.6 6.8



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: 35.12 ng

RT: 22.71 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

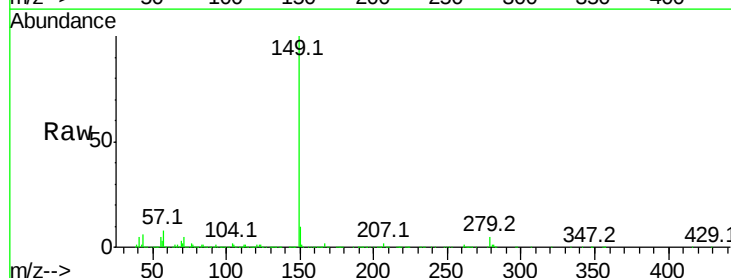
Tgt Ion:149 Resp: 1862852

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

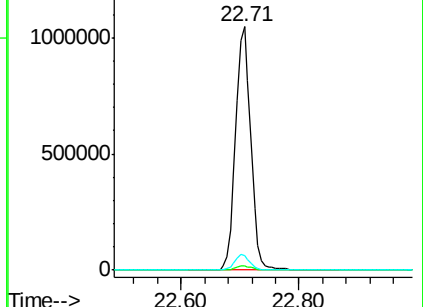
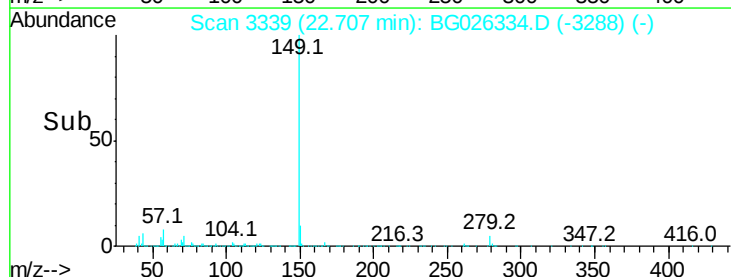
43 6.3 11.8 17.6#

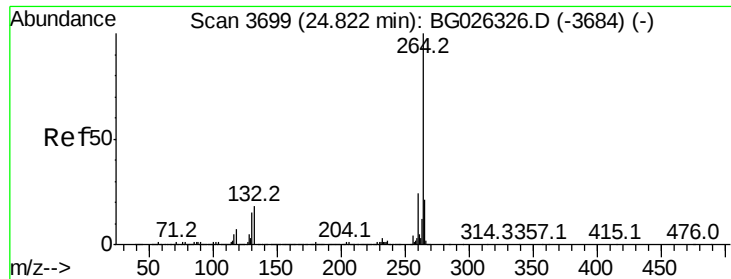


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

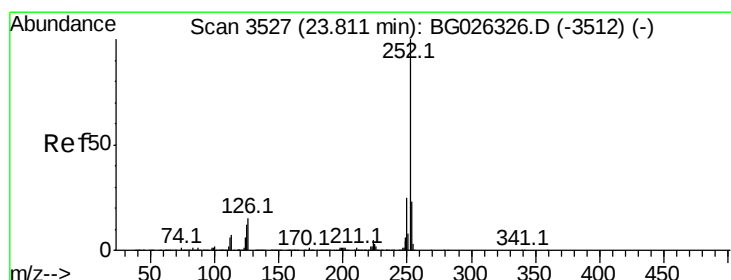
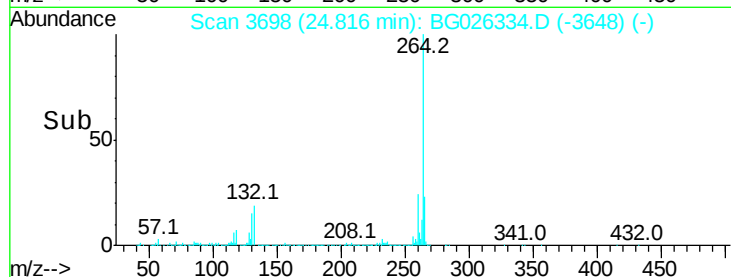
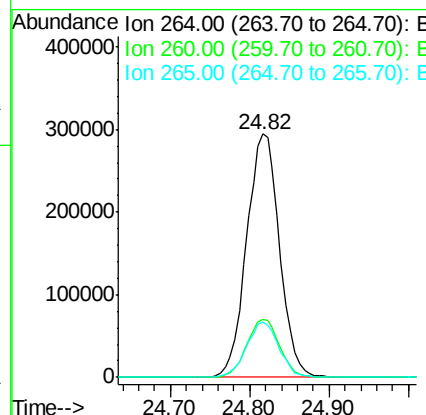
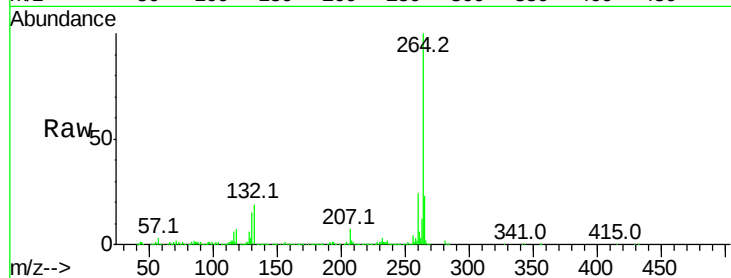




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

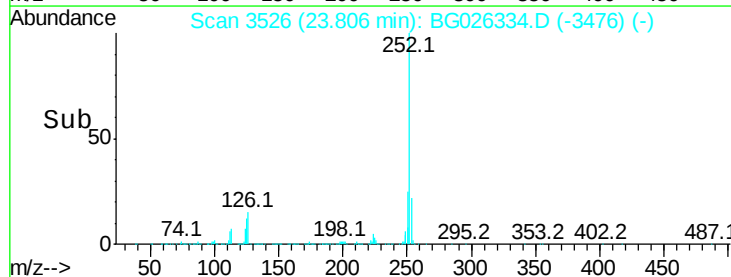
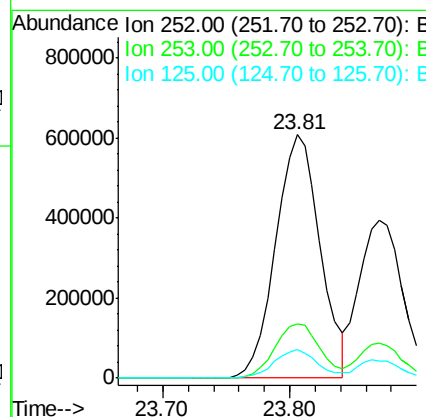
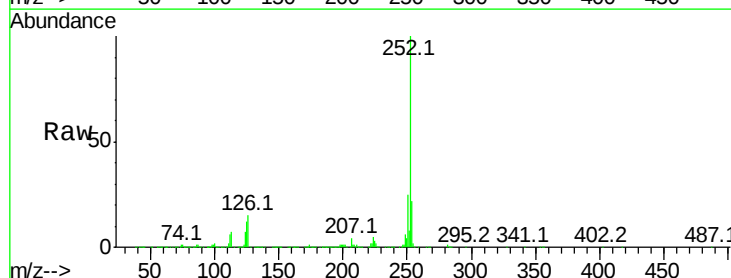
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

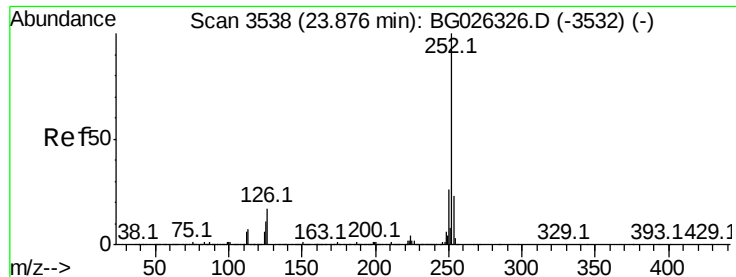
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.9	18.2	27.4



#87
Benzo(b)fluoranthene
Concen: 29.63 ng
RT: 23.81 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG026334.D
Acq: 20 Mar 2017 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	11.8	5.3	7.9





#88

Benzo(k)fluoranthene

Concen: 19.20 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

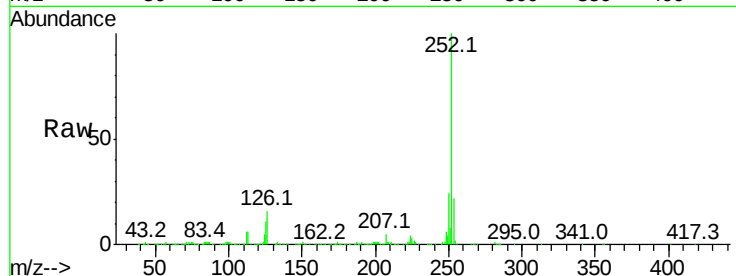
Tot Ion:252 Resp: 929785

Ion Ratio Lower Upper

252 100

253 22.5 20.2 30.2

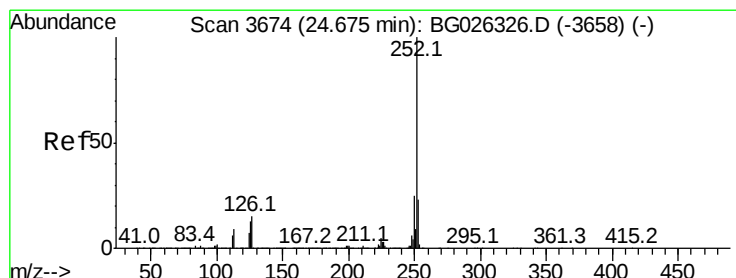
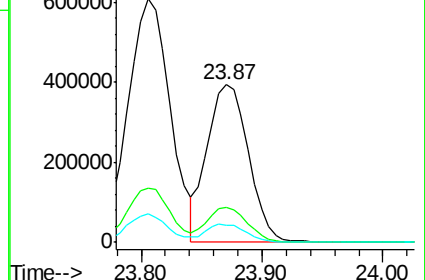
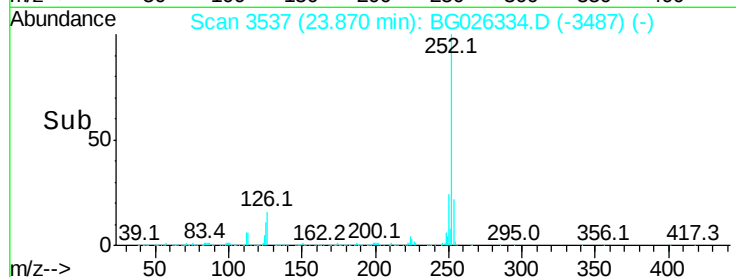
125 11.1 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 10.85 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

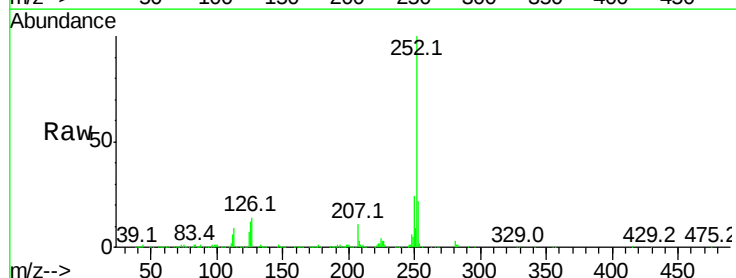
Tgt Ion:252 Resp: 519890

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

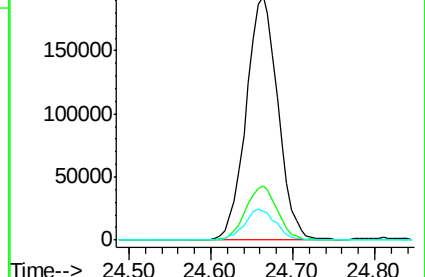
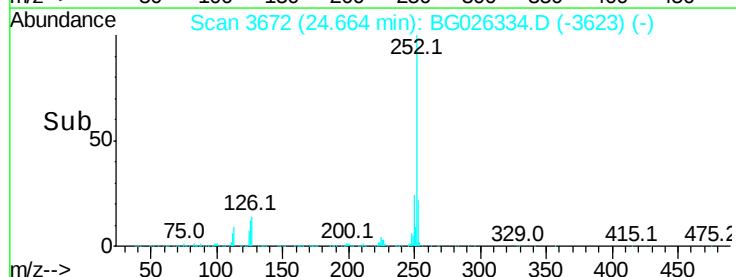
125 11.9 5.4 8.0#

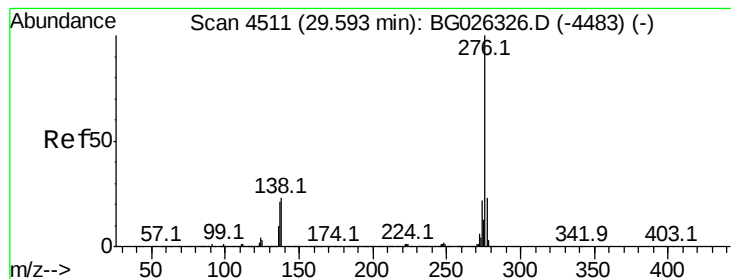


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.03 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG026334.D

Acq: 20 Mar 2017 19:45

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

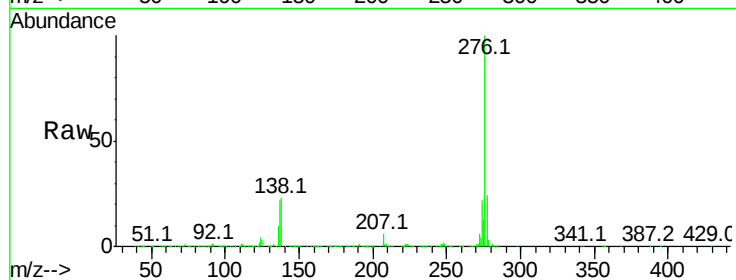
Tot Ion:276 Resp: 1855430

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 23.2 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

