

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026333.D
 Acq On : 20 Mar 2017 19:06
 Operator : SJ/MA
 Sample : I2194-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 21 11:39:11 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	136101	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	585028	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	350124	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	815845	20.00	ng	0.00
75) Chrysene-d12	21.63	240	878736	20.00	ng	0.00
86) Perylene-d12	24.82	264	861253	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1063322	138.67	ng	0.00
7) Phenol-d6	7.21	99	1456255	141.46	ng	0.00
23) Nitrobenzene-d5	9.21	82	816700	83.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	578595	144.31	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2099511	84.09	ng	0.00
78) Terphenyl-d14	19.99	244	2829025	78.19	ng	0.00

Target Compounds

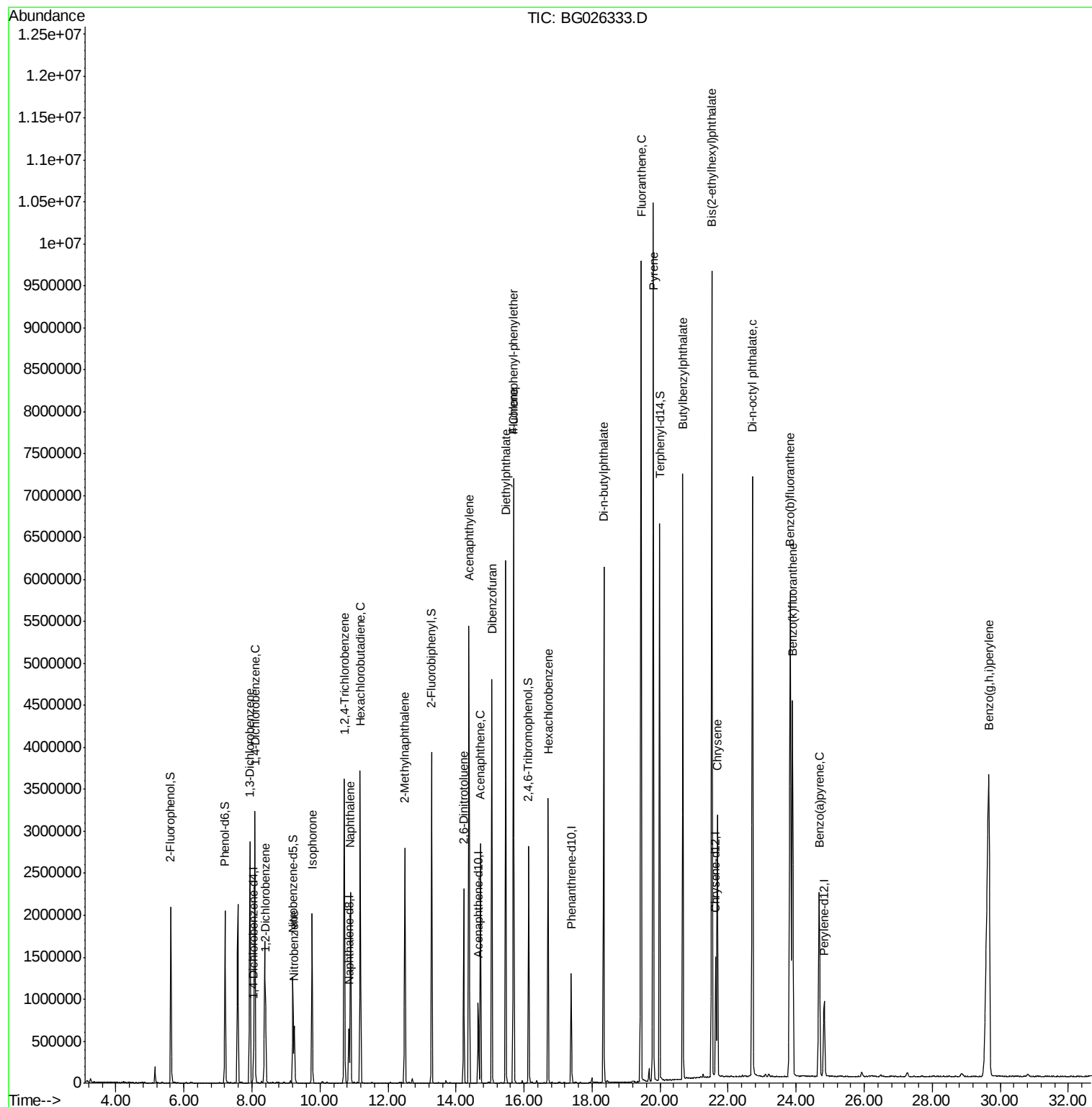
						Qvalue
12) 1,3-Dichlorobenzene	7.94	146	1400181	136.22	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	1523338	146.51	ng	94
14) 1,2-Dichlorobenzene	8.40	146	462528	46.48	ng	# 90
24) Nitrobenzene	9.25	77	422348	43.96	ng	# 76
25) Isophorone	9.77	82	1644534	89.68	ng	# 88
30) 1,2,4-Trichlorobenzene	10.72	180	1394737	149.63	ng	98
31) Naphthalene	10.90	128	2049856	69.30	ng	99
34) Hexachlorobutadiene	11.19	225	905308	164.62	ng	97
37) 2-Methylnaphthalene	12.50	142	1470917	67.89	ng	# 92
48) Acenaphthylene	14.38	152	3930544	106.47	ng	# 90
50) 2,6-Dinitrotoluene	14.23	165	605970	98.24	ng	# 63
51) Acenaphthene	14.72	154	1101568	48.45	ng	98
54) Dibenzofuran	15.05	168	3387254	105.82	ng	96
57) Fluorene	15.70	166	1268367	44.53	ng	99
59) Diethylphthalate	15.46	149	3542482	131.15	ng	# 89
60) 4-Chlorophenyl-phenylether	15.69	204	1668621	123.61	ng	96
67) Hexachlorobenzene	16.70	284	767281	85.66	ng	95
73) Di-n-butylphthalate	18.34	149	4746386	100.38	ng	# 93
74) Fluoranthene	19.44	202	5652232	109.71	ng	74
77) Pvrene	19.80	202	5774447	113.49	ng	# 68
79) Butylbenzylphthalate	20.67	149	2175526	106.86	ng	90
82) Chrysene	21.68	228	1937293	41.01	ng	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	3868414	125.80	ng	# 86
84) Di-n-octyl phthalate	22.71	149	6353125	121.07	ng	# 86
87) Benzo(b)fluoranthene	23.83	252	5866961	115.56	ng	# 87
88) Benzo(k)fluoranthene	23.89	252	3824542	77.68	ng	# 95
89) Benzo(a)pyrene	24.68	252	2359487	48.45	ng	# 95
91) Benzo(g,h,i)perylene	29.66	276	8030557	161.95	ng	# 82

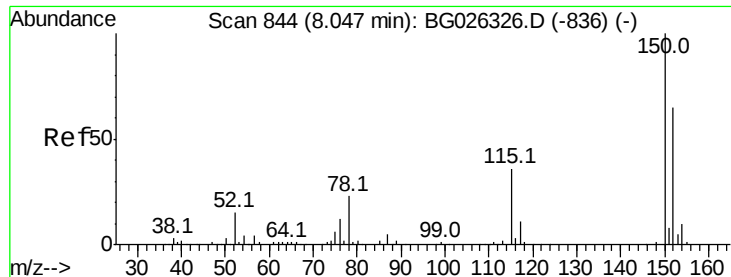
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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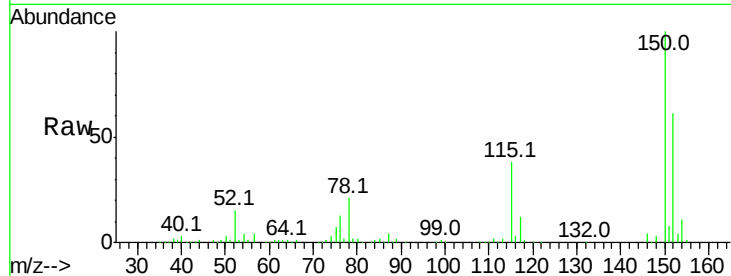


#1

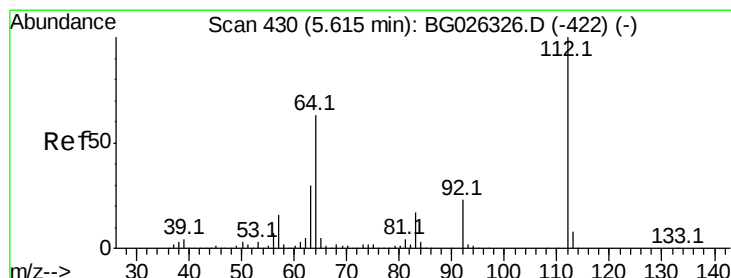
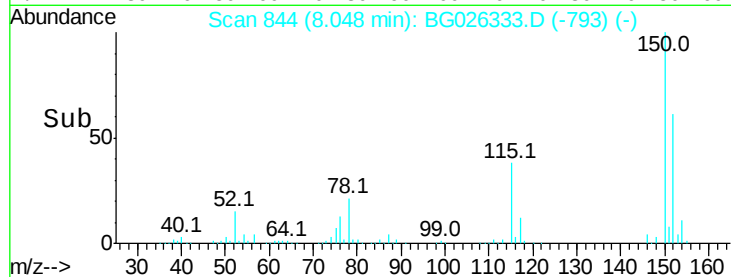
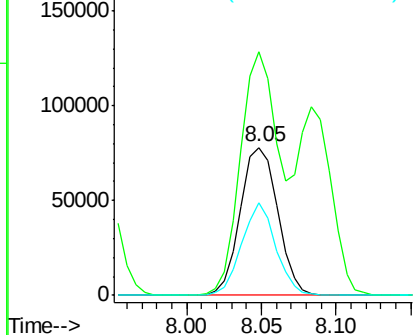
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:152 Resp: 136101
Ion Ratio Lower Upper
152 100
150 164.7 114.0 171.0
115 62.6 48.1 72.1



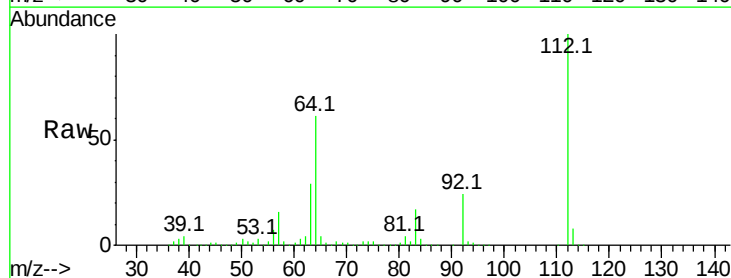
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



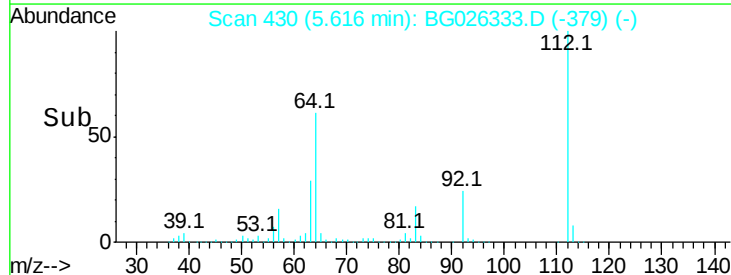
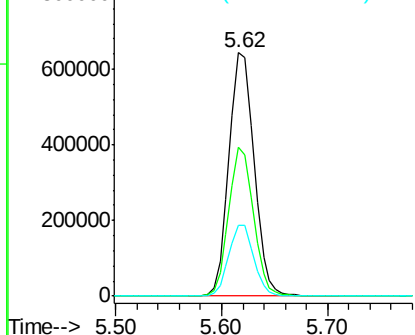
#5

2-Fluorophenol
Concen: 138.67 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:112 Resp: 1063322
Ion Ratio Lower Upper
112 100
64 61.2 61.8 92.6#
63 29.2 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: 141.46 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

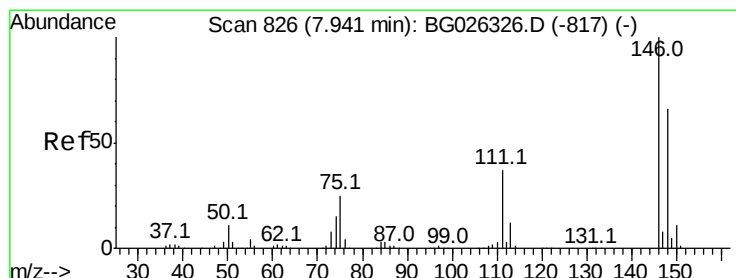
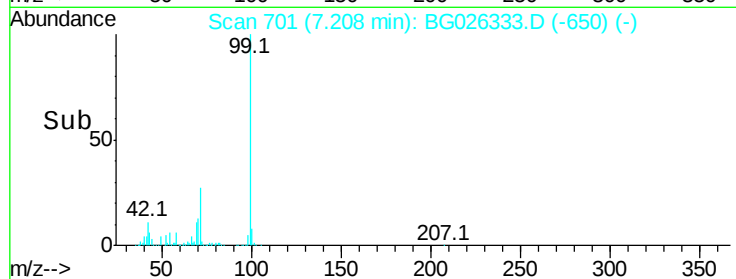
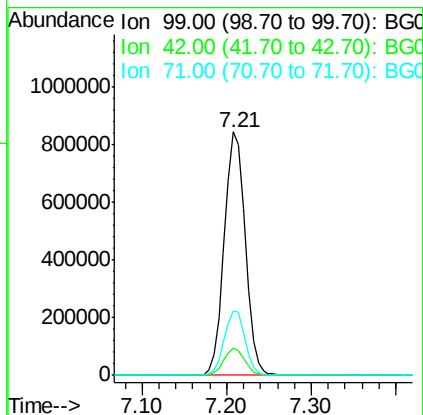
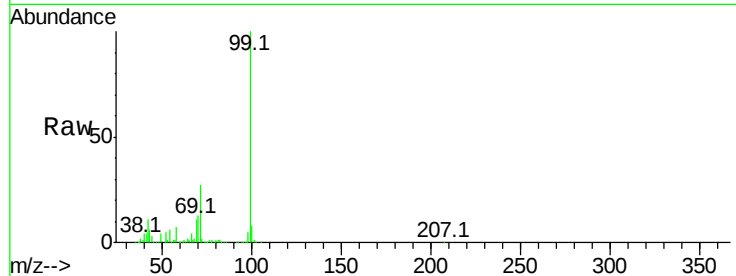
BNA_G

ClientSampled :

PT-BN-WP

Tot Ion: 99 Resp: 1456255

Ion	Ratio	Lower	Upper
99	100		
42	11.5	20.5	30.7#
71	26.6	37.6	56.4#



#12

1,3-Dichlorobenzene

Concen: 136.22 ng

RT: 7.94 min Scan# 825

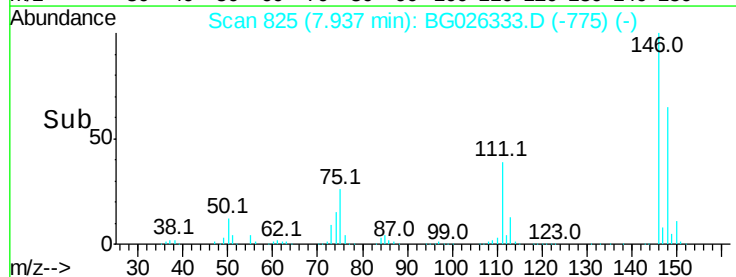
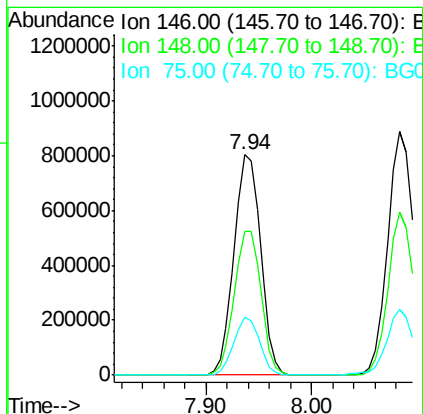
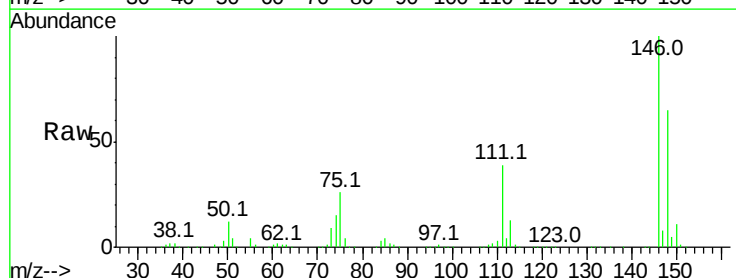
Delta R.T. -0.00 min

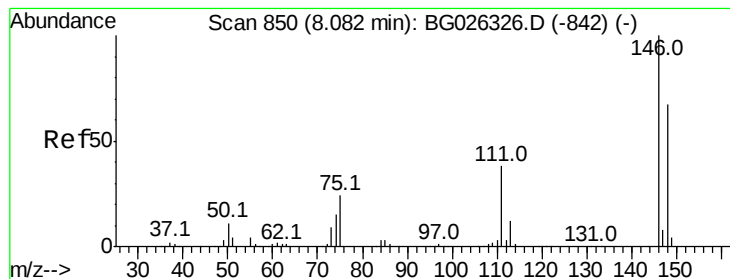
Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Tgt Ion: 146 Resp: 1400181

Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.2	73.8
75	26.2	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 146.51 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

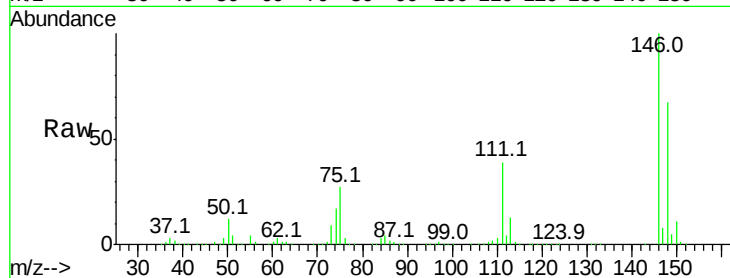
Tot Ion:146 Resp: 1523338

Ion Ratio Lower Upper

146 100

148 66.9 52.2 78.2

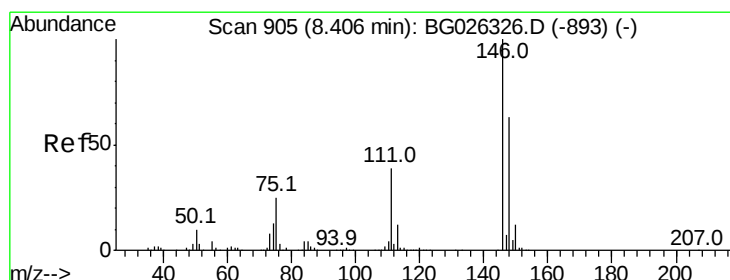
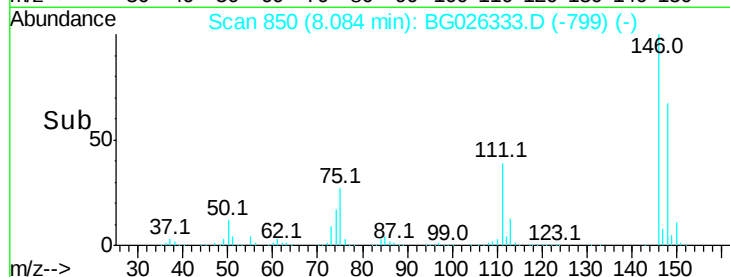
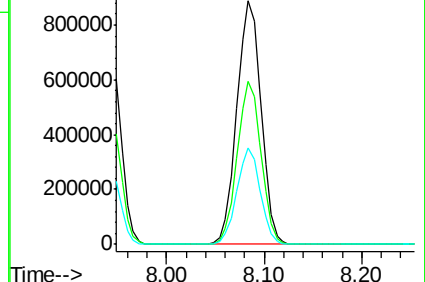
111 39.3 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.48 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

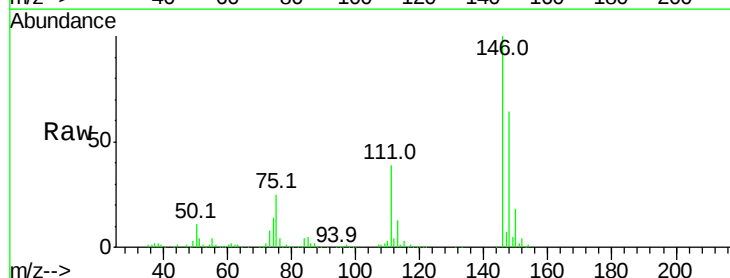
Tgt Ion:146 Resp: 462528

Ion Ratio Lower Upper

146 100

148 63.6 54.6 81.8

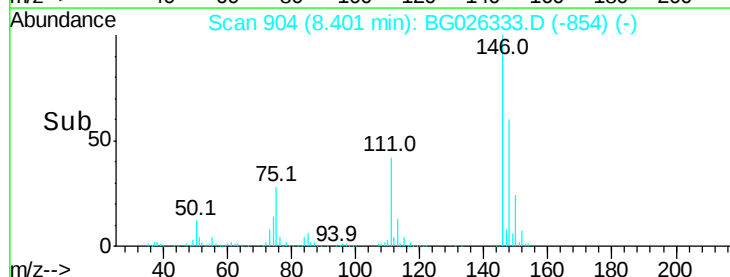
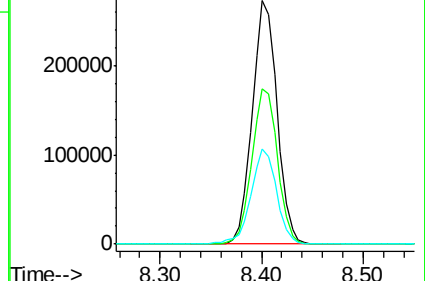
111 39.2 39.7 59.5#

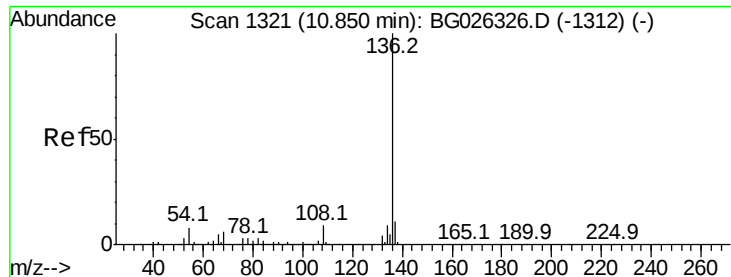


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

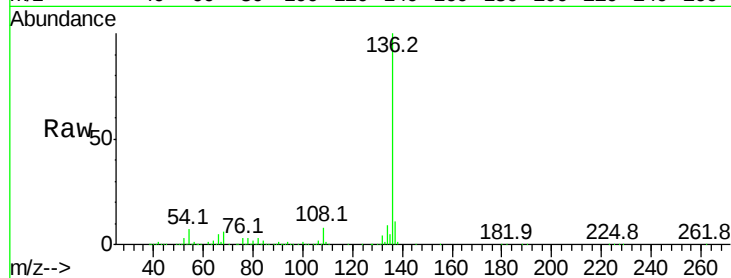




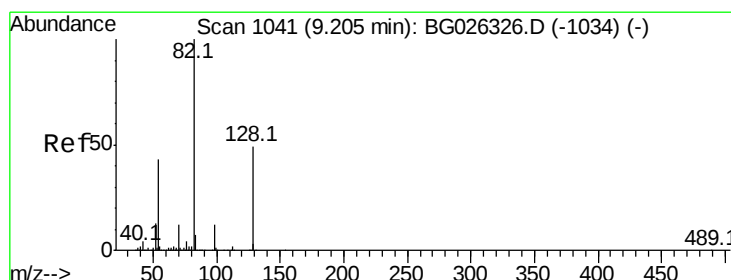
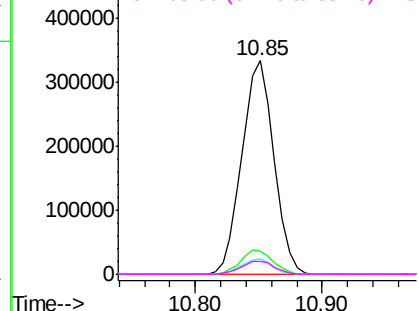
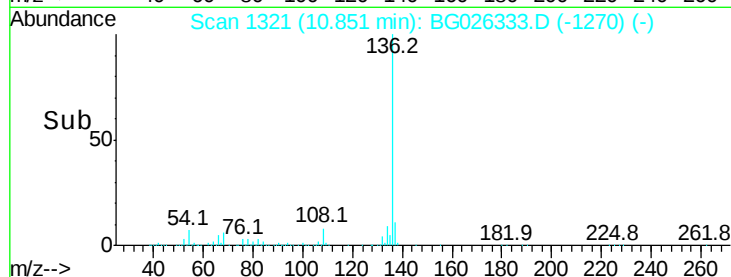
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:	136	Resp:	585028
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	9.3	13.9#
68	6.1	5.1	7.7

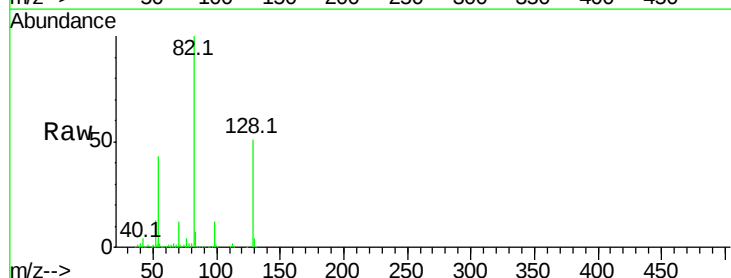


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

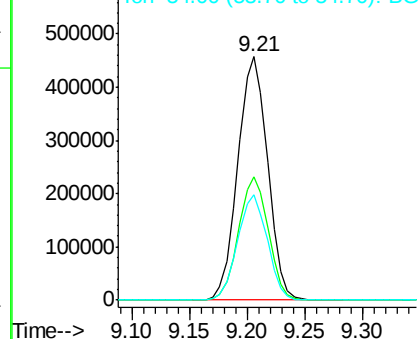
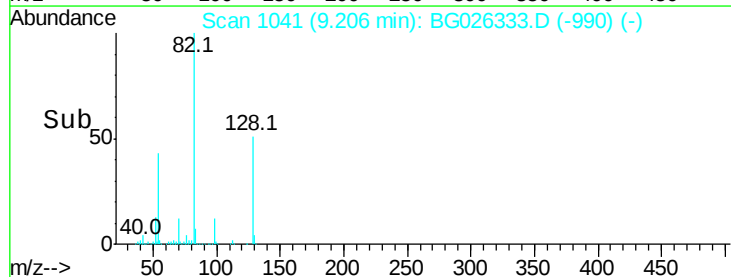


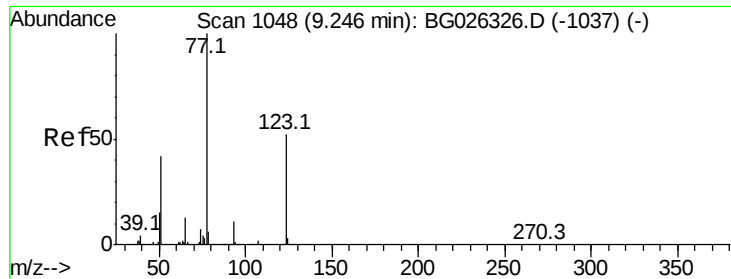
#23
Nitrobenzene-d5
Concen: 83.94 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:	82	Resp:	816700
Ion	Ratio	Lower	Upper
82	100		
128	50.6	26.4	39.6#
54	43.4	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

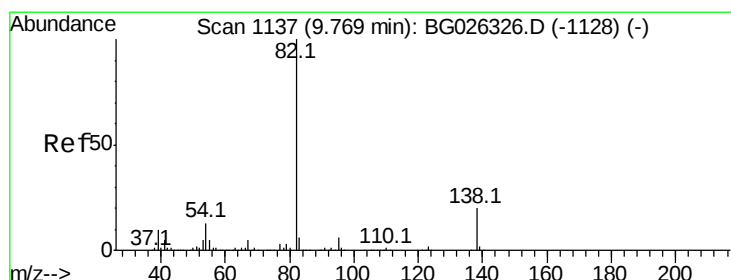
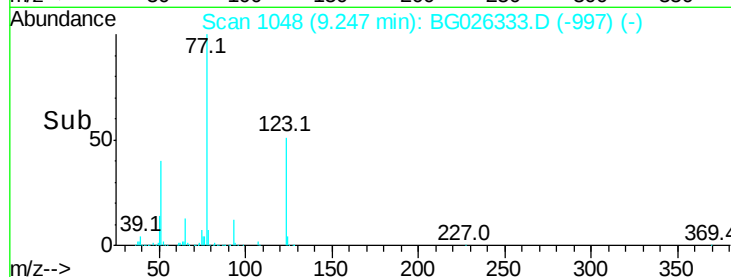
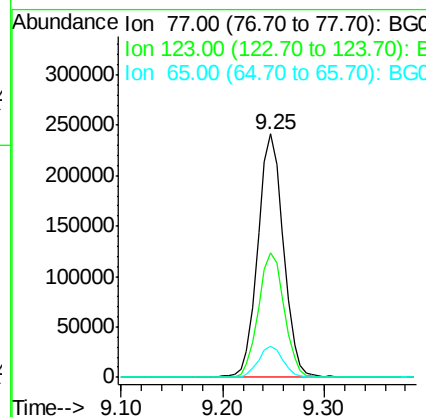
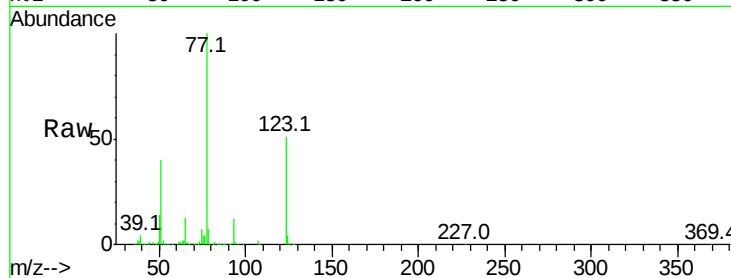




#24
 Nitrobenzene
 Concen: 43.96 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026333.D
 Acq: 20 Mar 2017 19:06

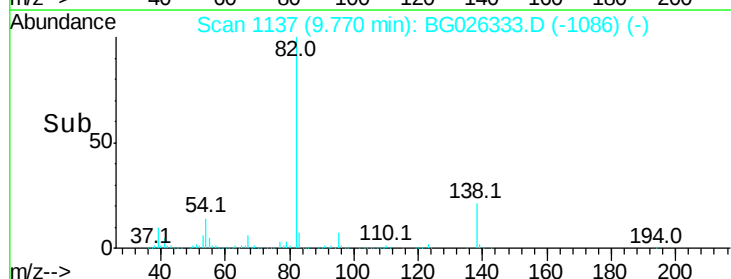
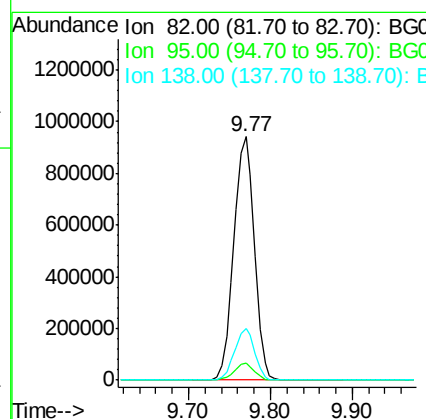
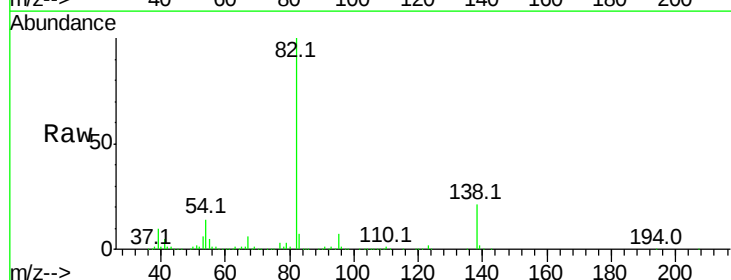
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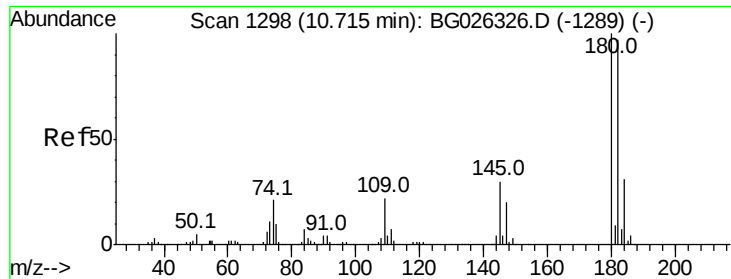
Tot Ion: 77 Resp: 422348
 Ion Ratio Lower Upper
 77 100
 123 51.0 26.1 39.1#
 65 13.0 12.4 18.6



#25
 Isophorone
 Concen: 89.68 ng
 RT: 9.77 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: BG026333.D
 Acq: 20 Mar 2017 19:06

Tgt Ion: 82 Resp: 1644534
 Ion Ratio Lower Upper
 82 100
 95 6.8 7.5 11.3#
 138 21.5 12.3 18.5#

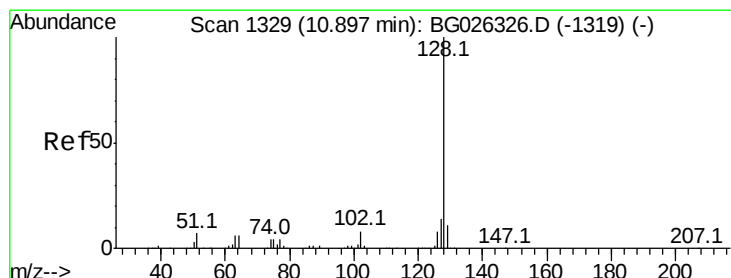
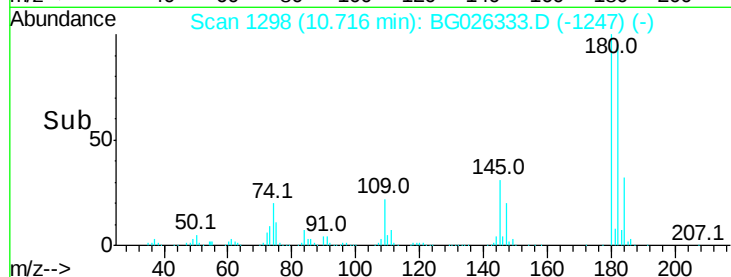
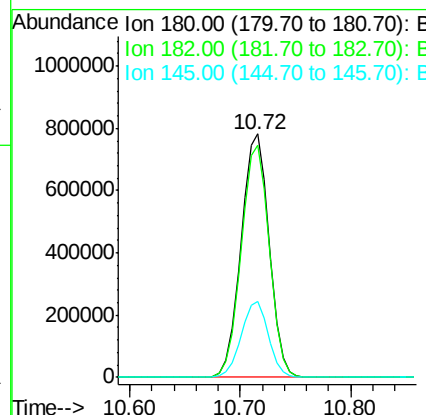
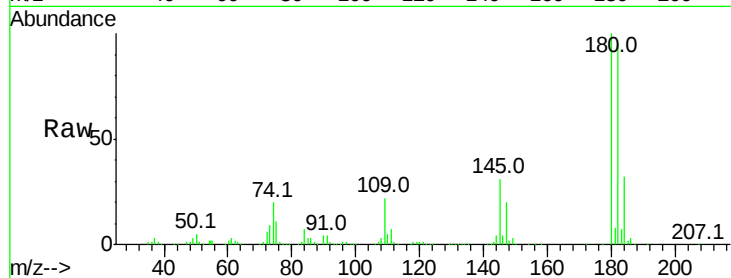




#30
 1,2,4-Trichlorobenzene
 Concen: 149.63 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG026333.D
 Acq: 20 Mar 2017 19:06

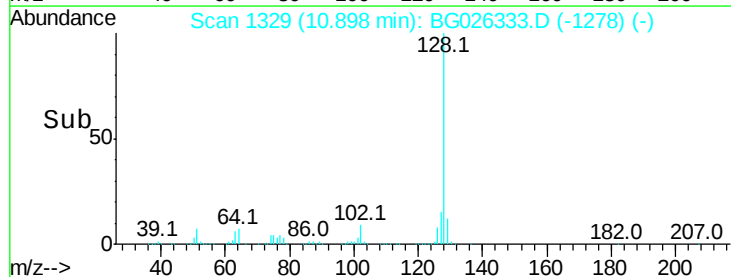
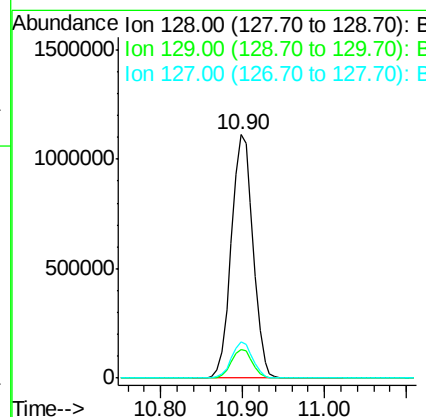
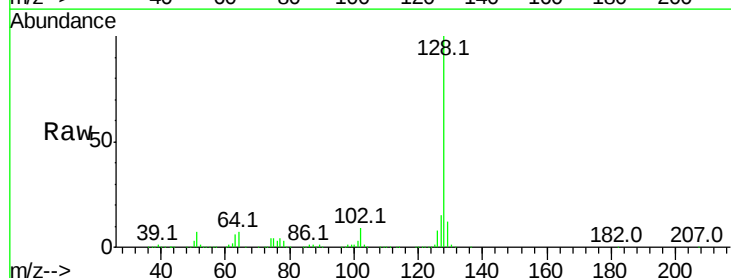
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

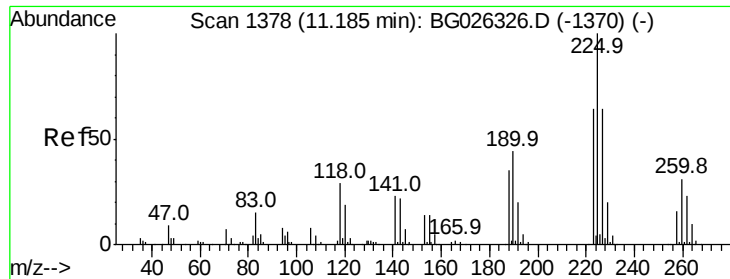
Tot Ion:180 Resp: 1394737
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 145 31.0 23.4 35.0



#31
 Naphthalene
 Concen: 69.30 ng
 RT: 10.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BG026333.D
 Acq: 20 Mar 2017 19:06

Tgt Ion:128 Resp: 2049856
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.3 13.9
 127 14.8 11.4 17.0

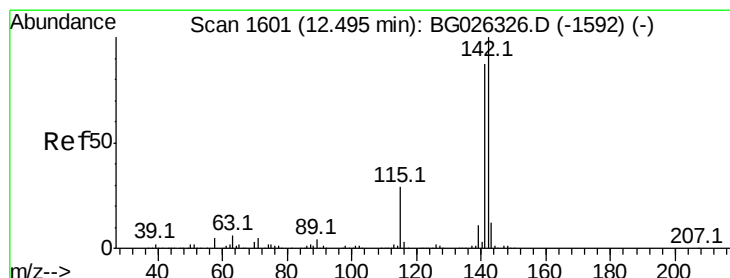
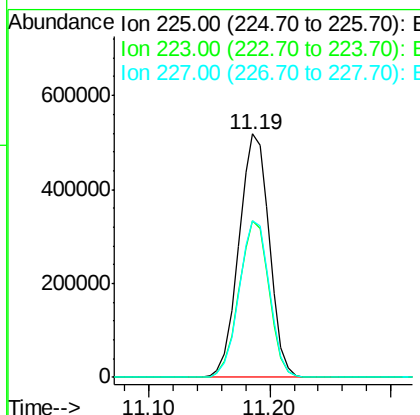
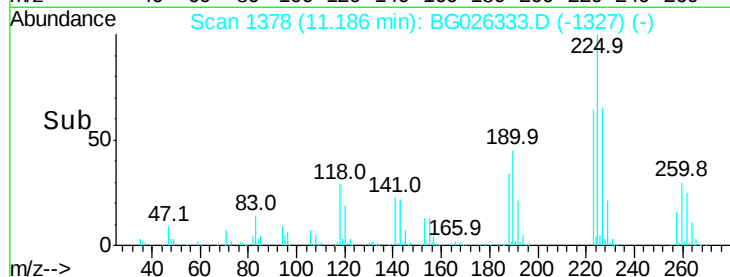
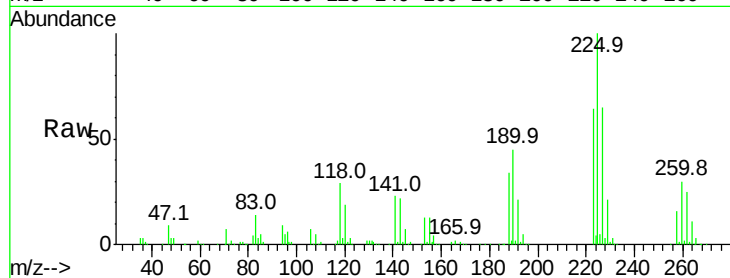




#34
Hexachlorobutadiene
Concen: 164.62 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

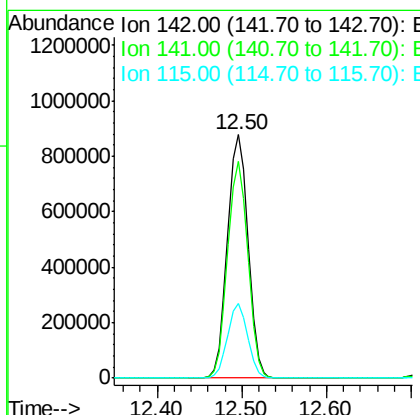
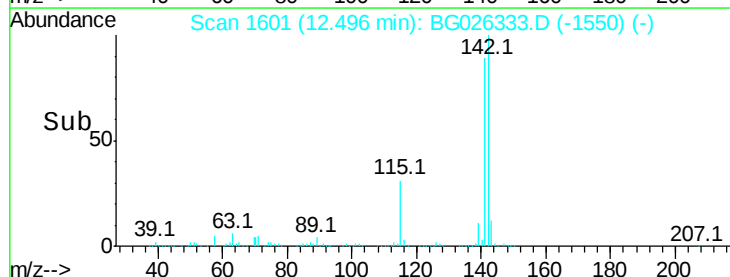
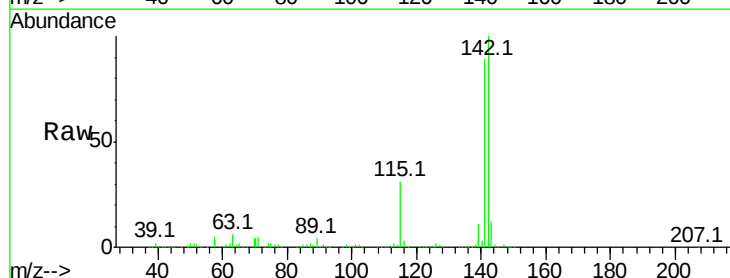
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

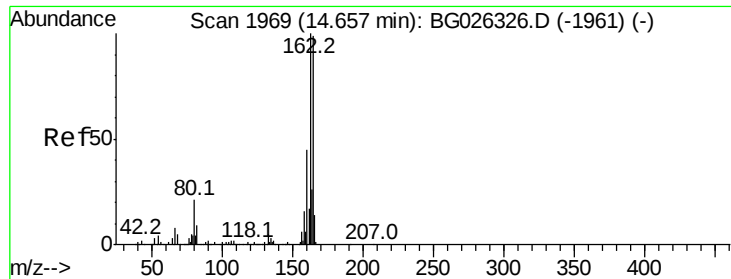
Tot Ion:225 Resp: 905308
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 64.5 49.0 73.6



#37
2-Methylnaphthalene
Concen: 67.89 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:142 Resp: 1470917
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 30.6 35.5 53.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

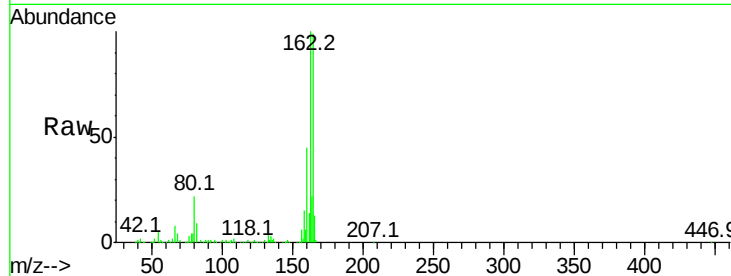
Tot Ion:164 Resp: 350124

Ion Ratio Lower Upper

164 100

162 101.3 85.1 127.7

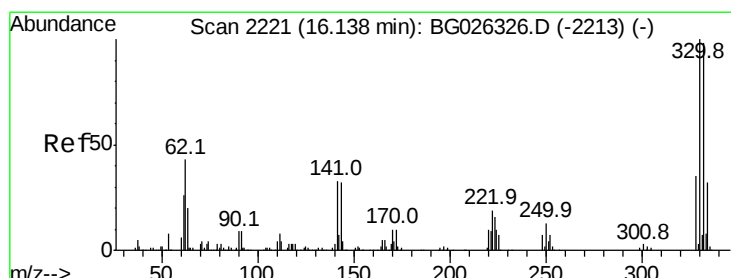
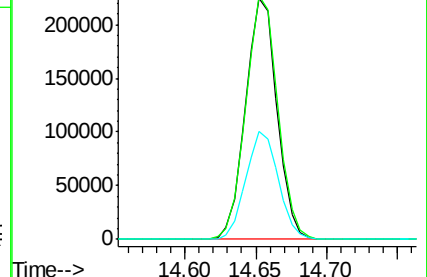
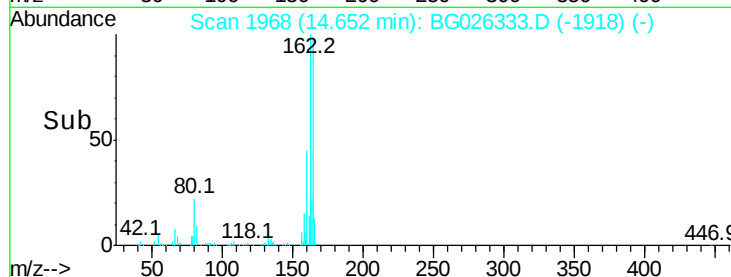
160 45.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 144.31 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

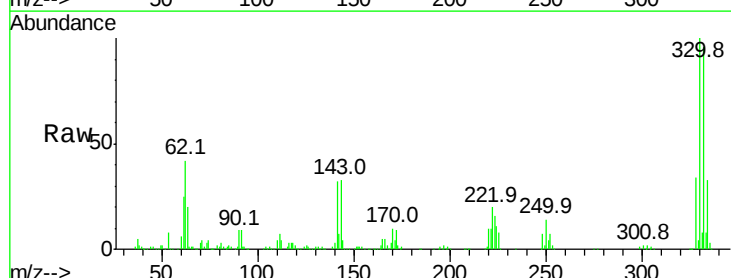
Tgt Ion:330 Resp: 578595

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

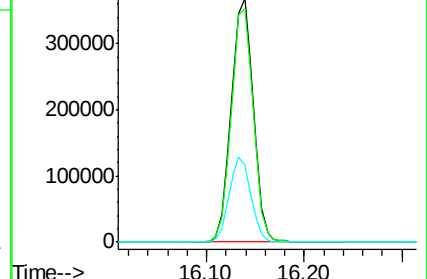
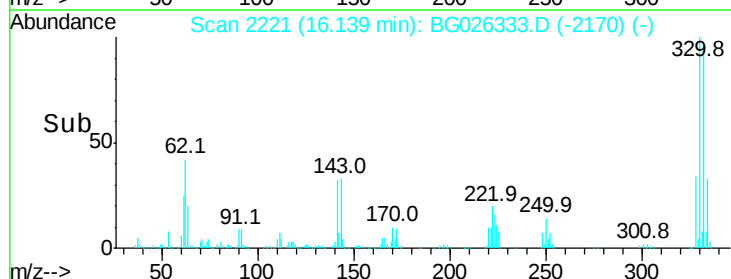
141 34.4 32.1 48.1

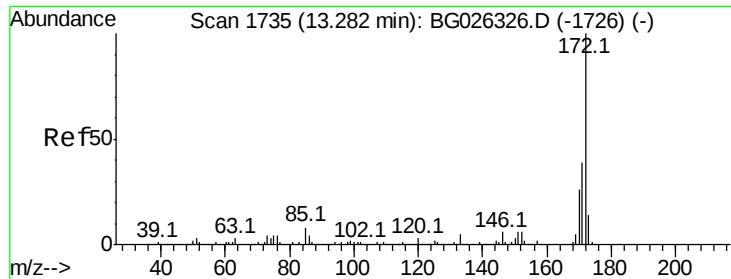


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

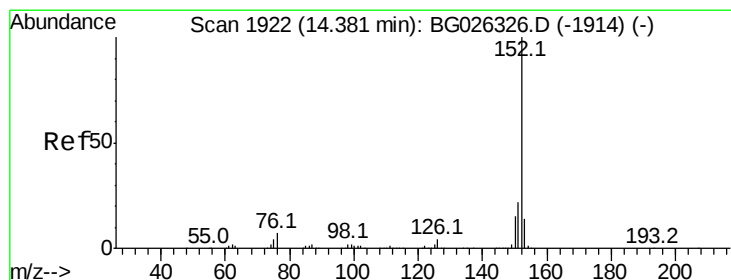
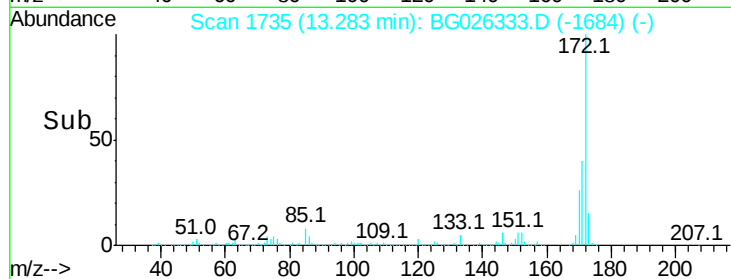
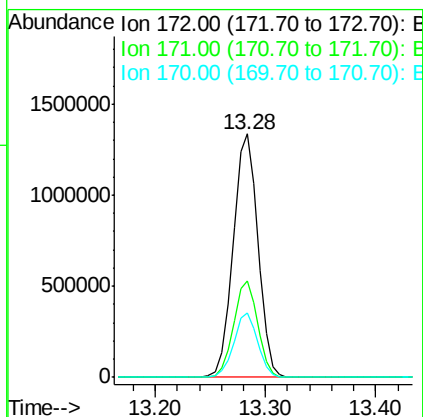
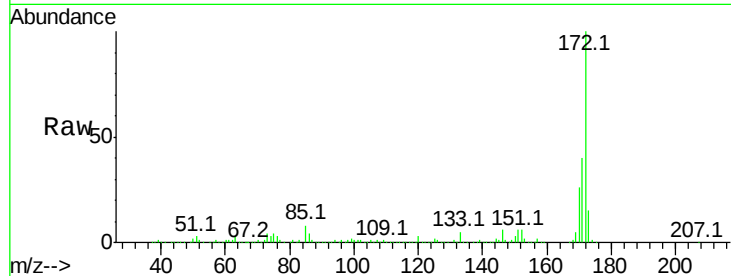




#44
2-Fluorobiphenyl
Concen: 84.09 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

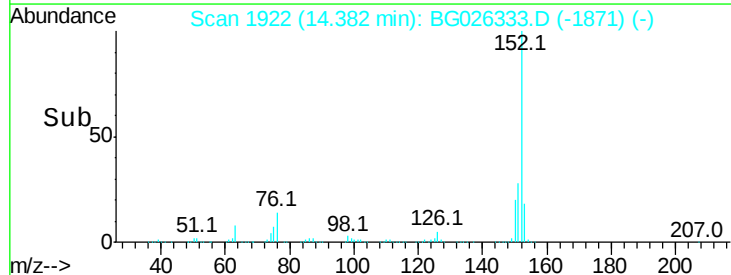
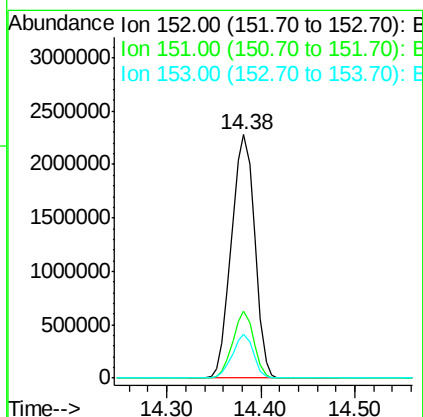
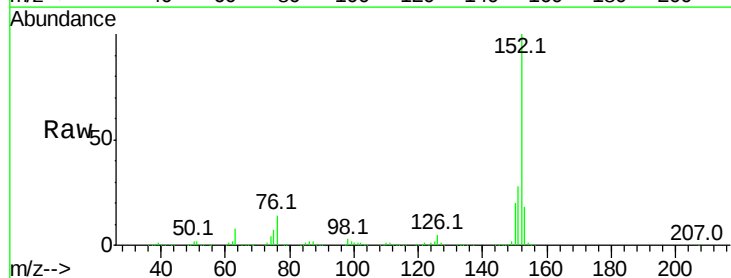
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

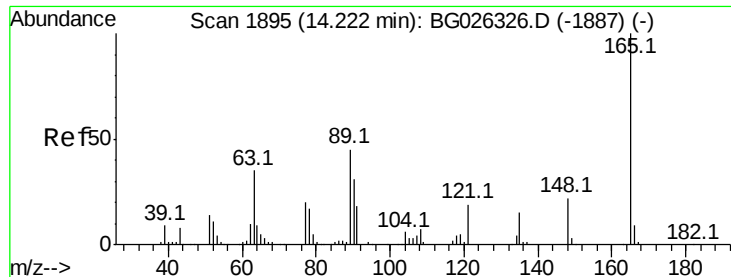
Tot Ion:172 Resp: 2099511
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.5 21.8 32.6



#48
Acenaphthylene
Concen: 106.47 ng
RT: 14.38 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:152 Resp: 3930544
Ion Ratio Lower Upper
152 100
151 27.7 18.2 27.2#
153 18.1 11.3 16.9#





#50

2,6-Dinitrotoluene

Concen: 98.24 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

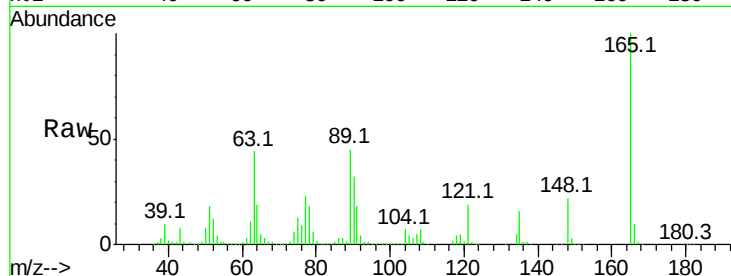
Tot Ion:165 Resp: 605970

Ion Ratio Lower Upper

165 100

63 43.8 63.9 95.9#

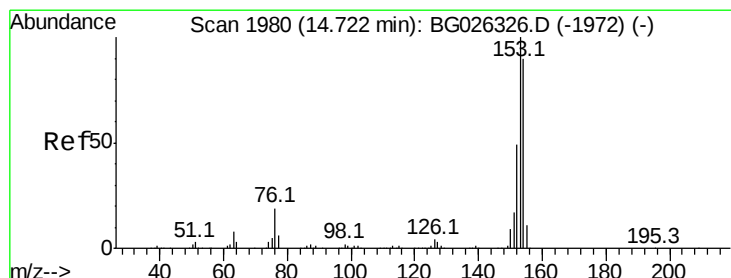
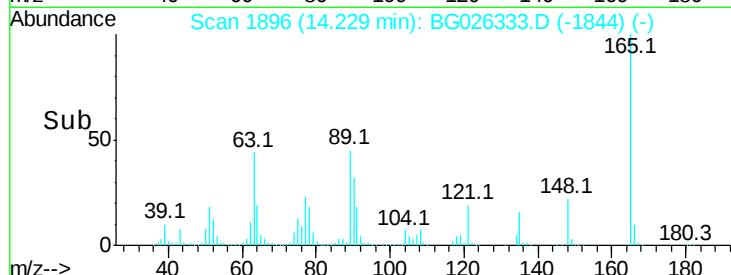
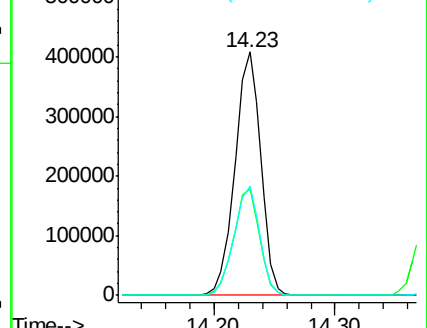
89 44.9 58.6 88.0#



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: 48.45 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

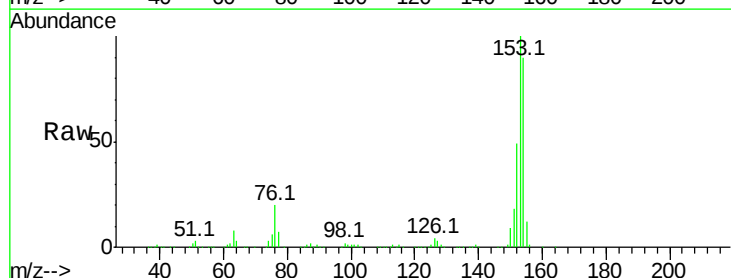
Tgt Ion:154 Resp: 1101568

Ion Ratio Lower Upper

154 100

153 111.3 87.8 131.6

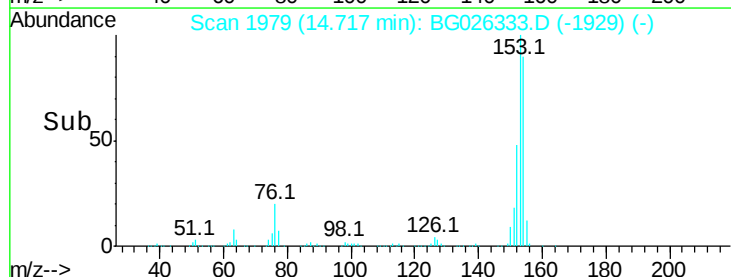
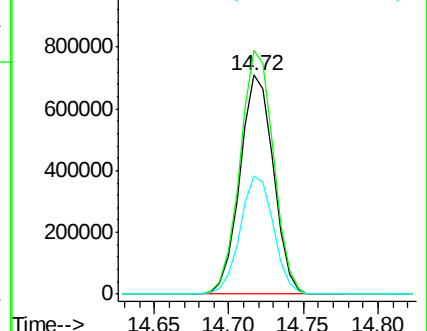
152 54.0 42.2 63.4

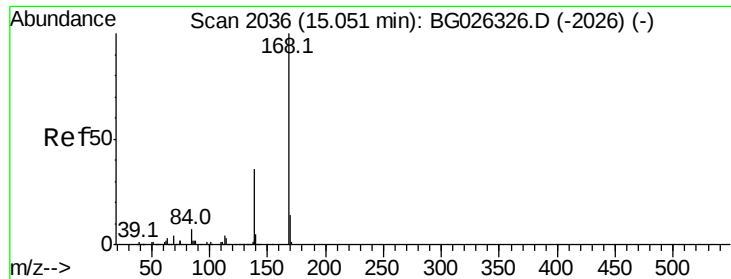


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 105.82 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

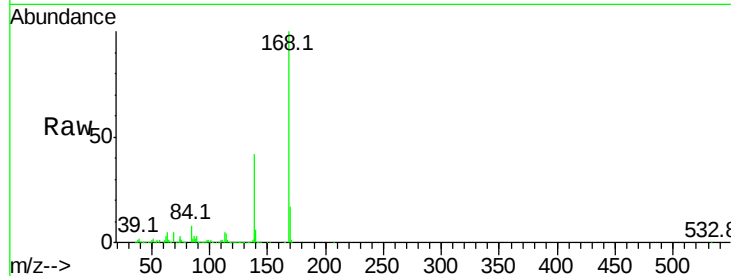
Tot Ion:168 Resp: 3387254

Ion Ratio Lower Upper

168 100

139 42.0 35.3 52.9

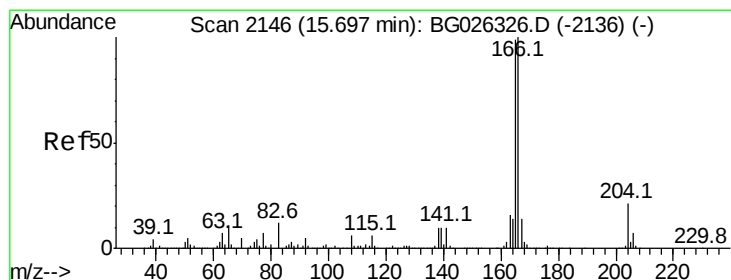
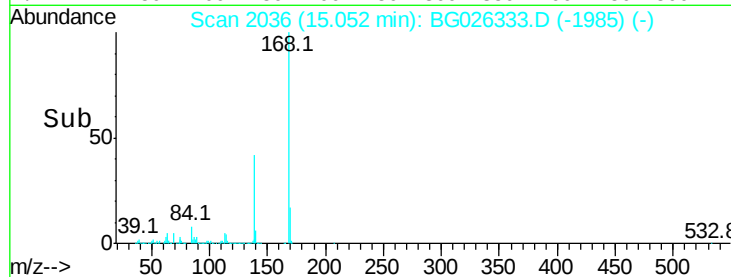
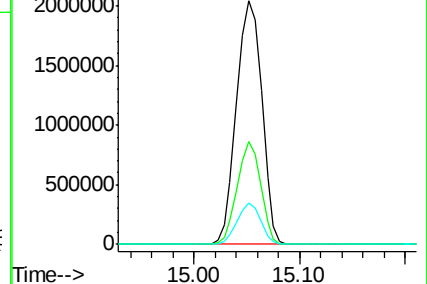
169 16.9 11.5 17.3



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



#57

Fluorene

Concen: 44.53 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

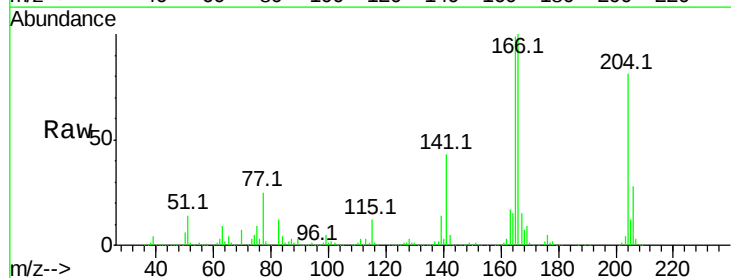
Tgt Ion:166 Resp: 1268367

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

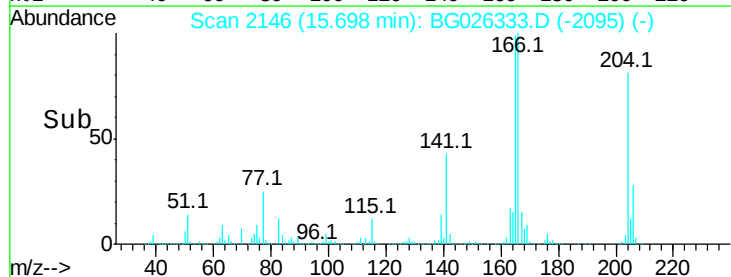
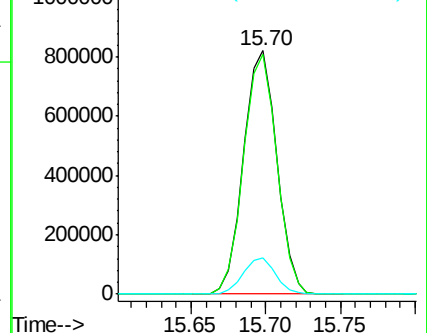
167 14.8 11.6 17.4

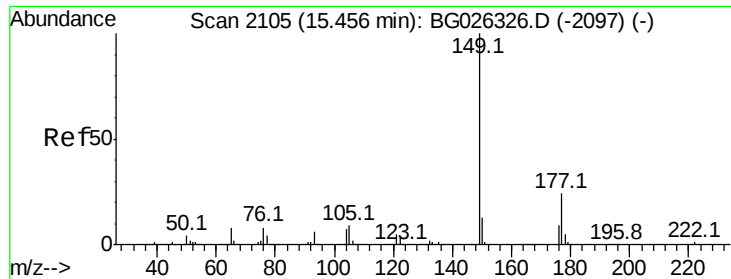


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

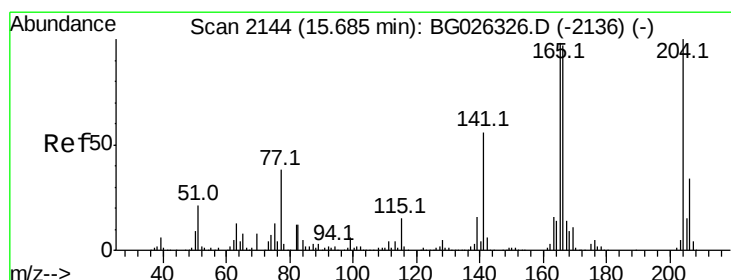
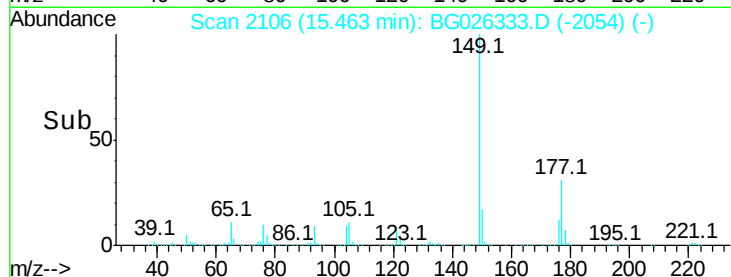
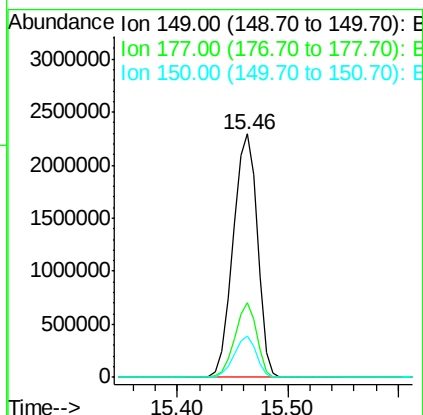
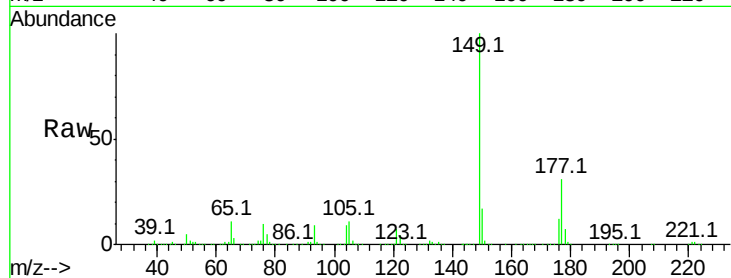




#59
Diethylphthalate
Concen: 131.15 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

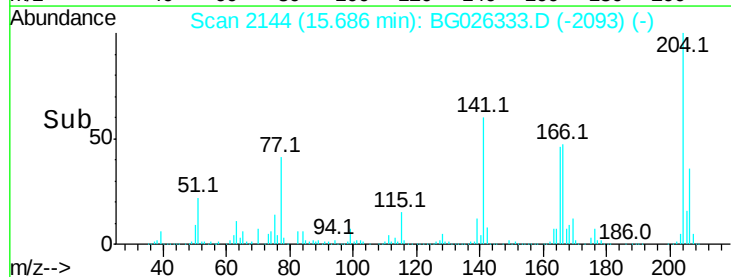
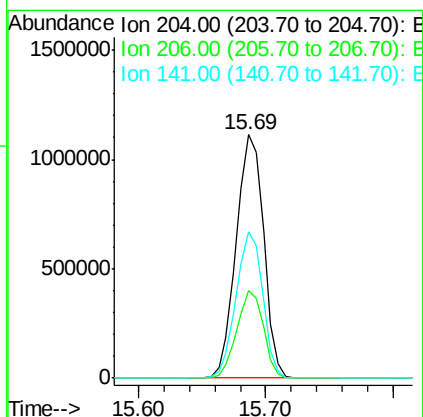
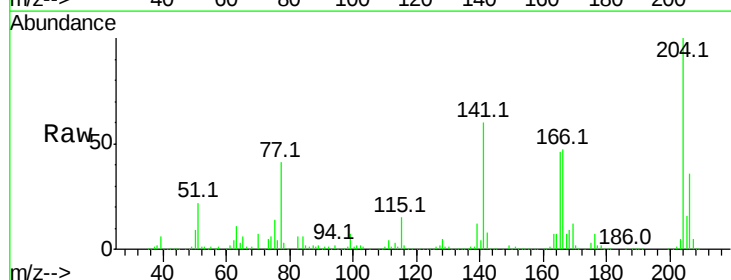
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

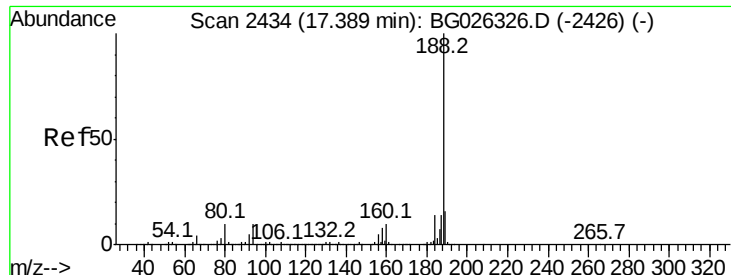
Tot Ion:149 Resp: 3542482
Ion Ratio Lower Upper
149 100
177 30.8 20.1 30.1#
150 17.3 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 123.61 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:204 Resp: 1668621
Ion Ratio Lower Upper
204 100
206 36.2 30.1 45.1
141 59.9 50.6 76.0

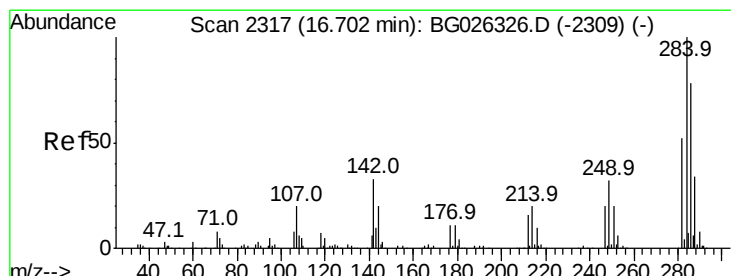
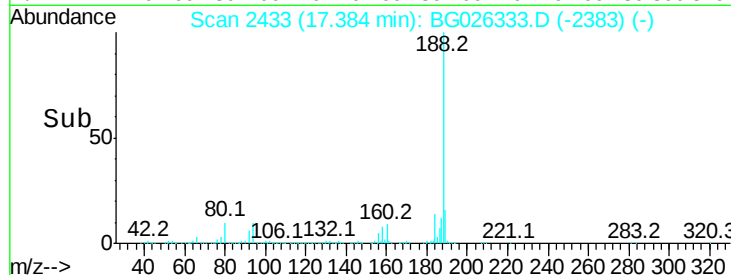
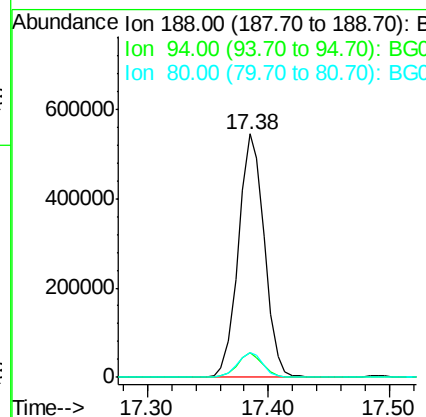
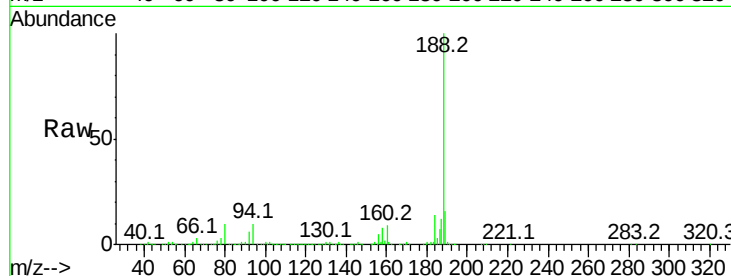




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

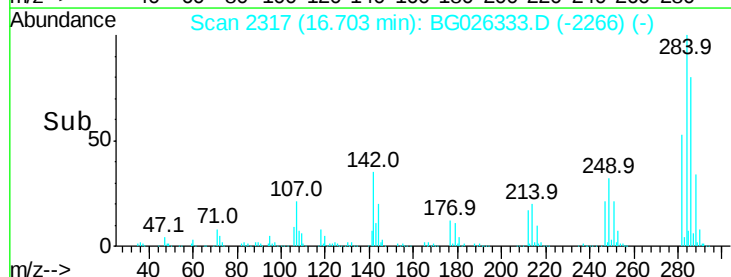
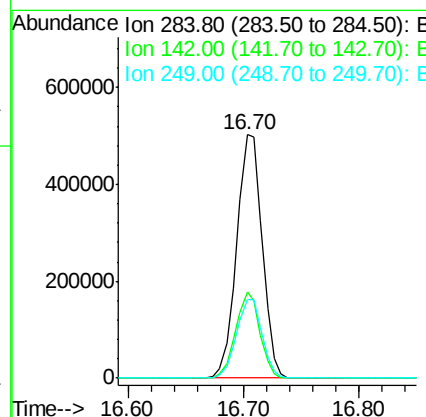
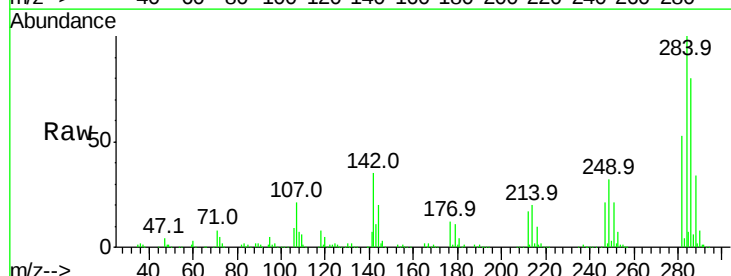
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

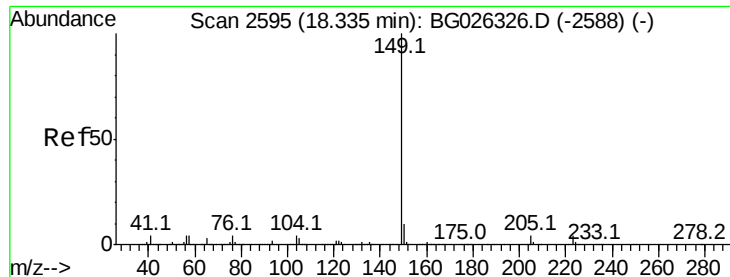
Tot Ion:188 Resp: 815845
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.3 7.5 11.3



#67
Hexachlorobenzene
Concen: 85.66 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:284 Resp: 767281
Ion Ratio Lower Upper
284 100
142 35.4 29.9 44.9
249 32.3 29.2 43.8

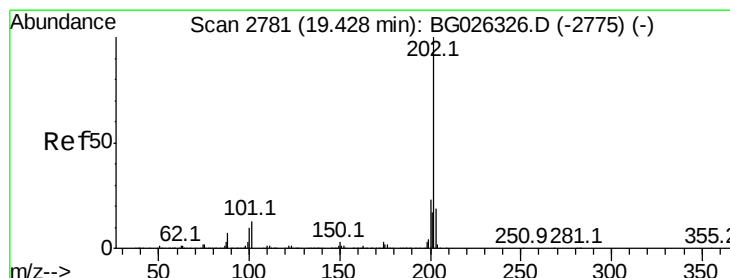
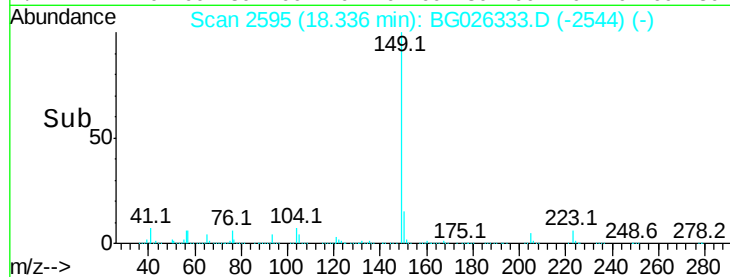
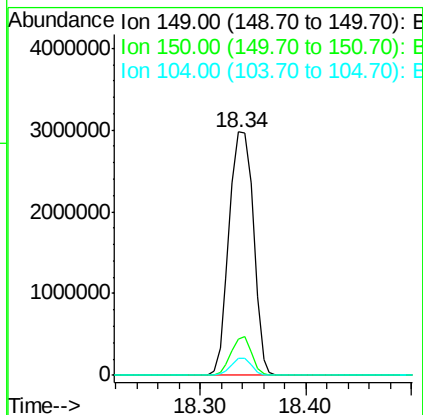
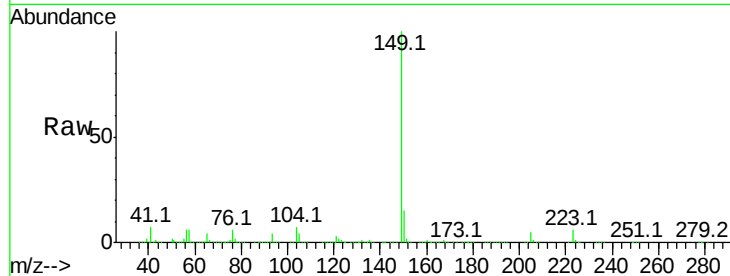




#73
Di-n-butylphthalate
Concen: 100.38 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

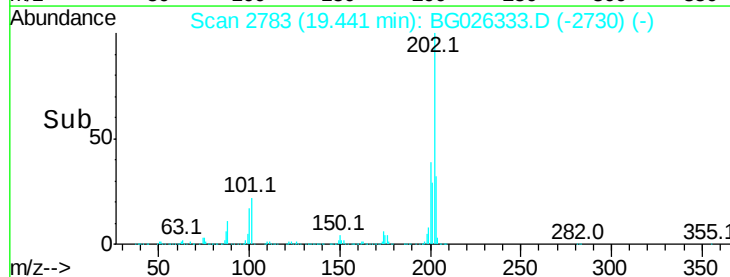
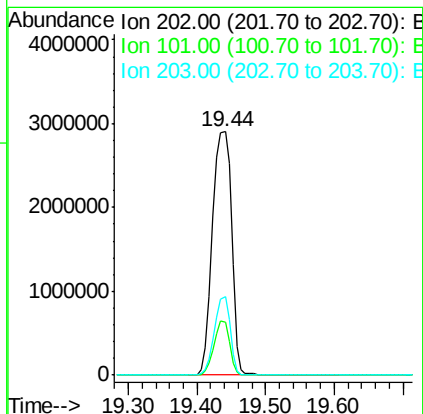
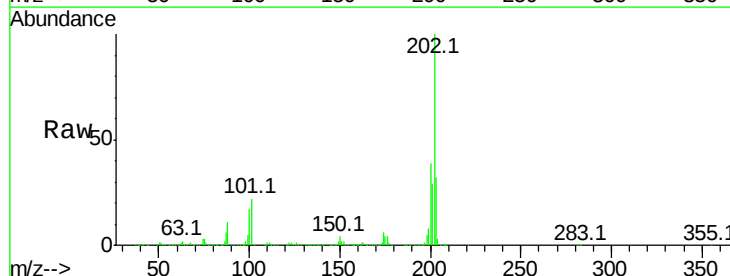
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

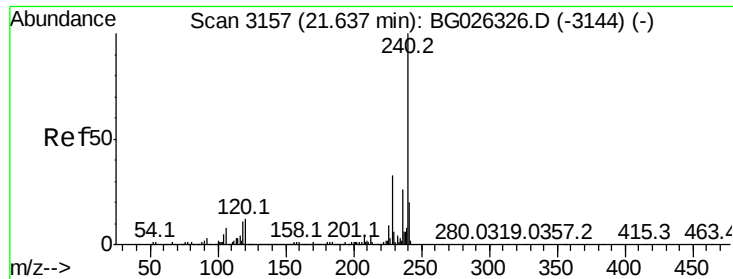
Tot Ion:149 Resp: 4746386
Ion Ratio Lower Upper
149 100
150 15.1 9.1 13.7#
104 7.0 6.7 10.1



#74
Fluoranthene
Concen: 109.71 ng
RT: 19.44 min Scan# 2783
Delta R.T. 0.01 min
Lab File: BG026333.D
Acq: 20 Mar 2017 19:06

Tgt Ion:202 Resp: 5652232
Ion Ratio Lower Upper
202 100
101 21.8 0.0 30.1
203 32.0 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

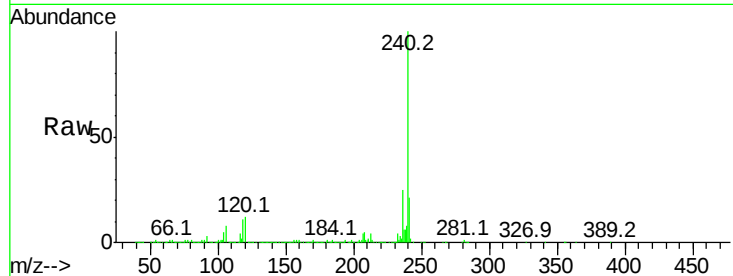
Tot Ion:240 Resp: 878736

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

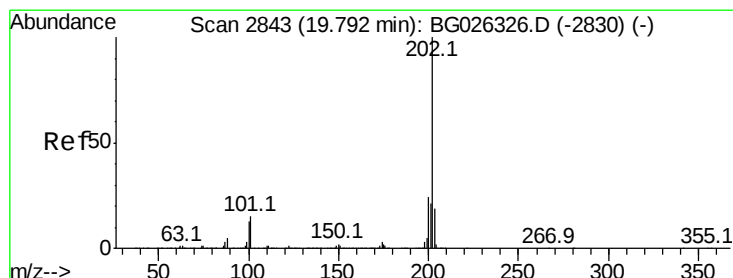
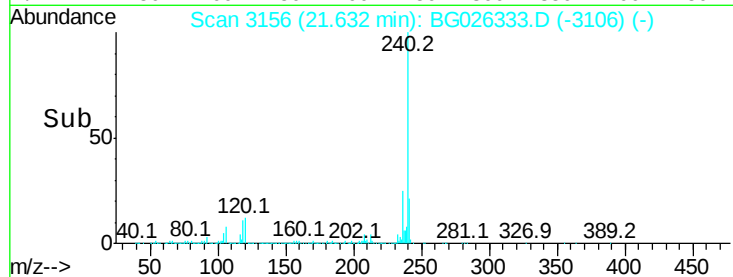
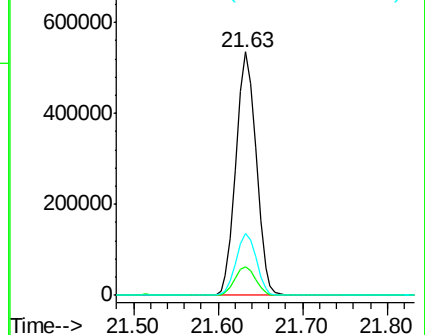
236 25.5 22.2 33.4



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



#77

Pyrene

Concen: 113.49 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.01 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

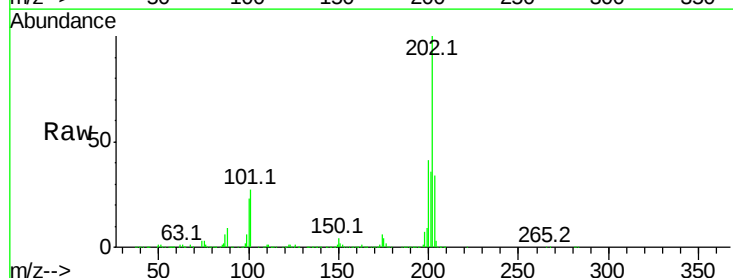
Tgt Ion:202 Resp: 5774447

Ion Ratio Lower Upper

202 100

200 41.0 19.6 29.4#

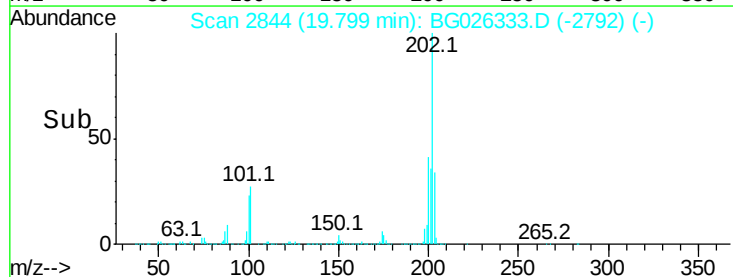
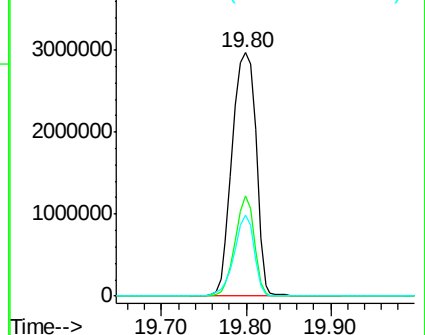
203 33.5 15.8 23.8#

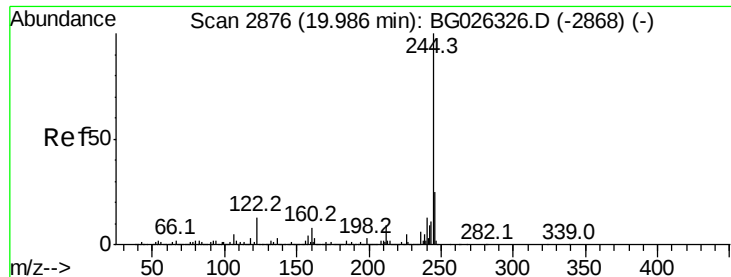


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.19 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

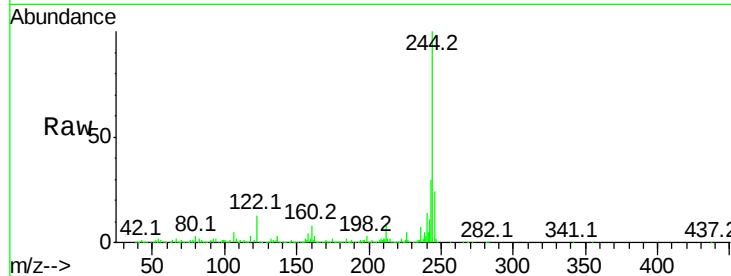
Tot Ion:244 Resp: 2829025

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

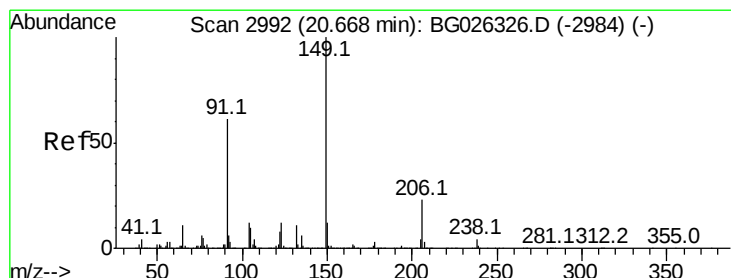
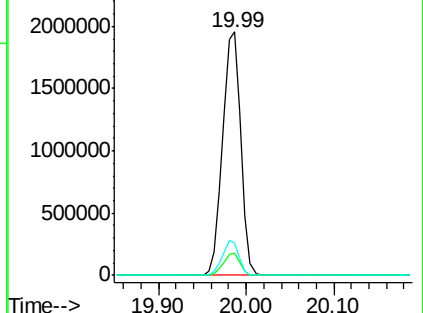
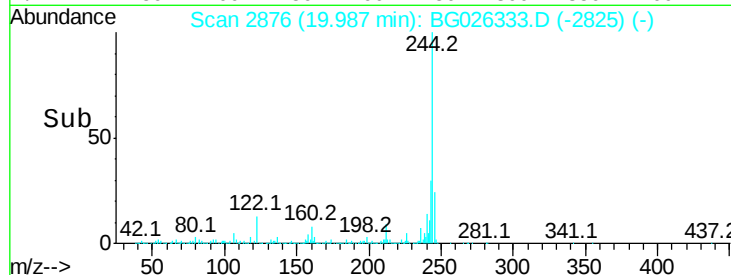
122 13.2 8.6 12.8#



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: 106.86 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

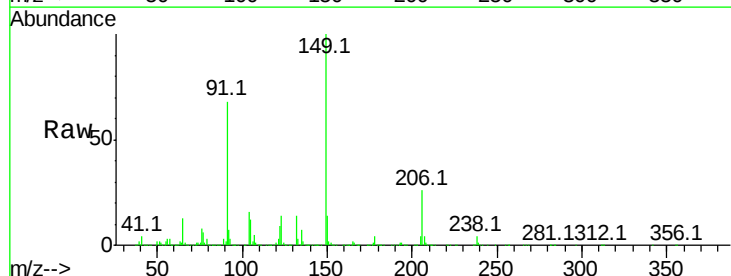
Tgt Ion:149 Resp: 2175526

Ion Ratio Lower Upper

149 100

91 67.5 63.5 95.3

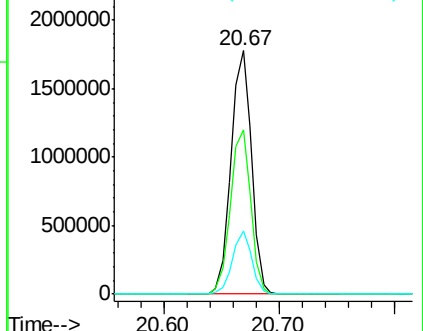
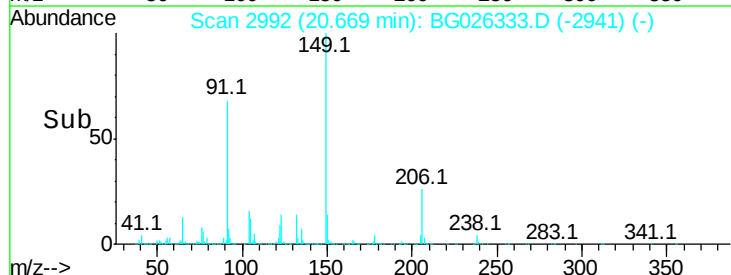
206 25.9 21.0 31.6

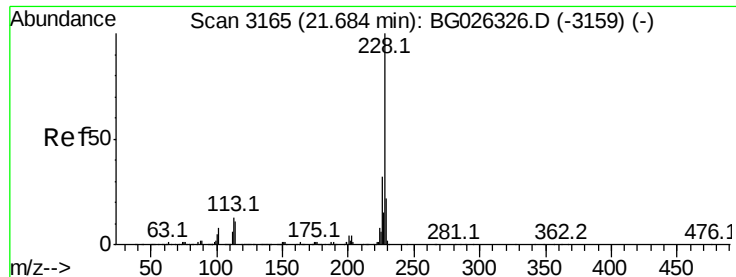


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#82

Chrysene

Concen: 41.01 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

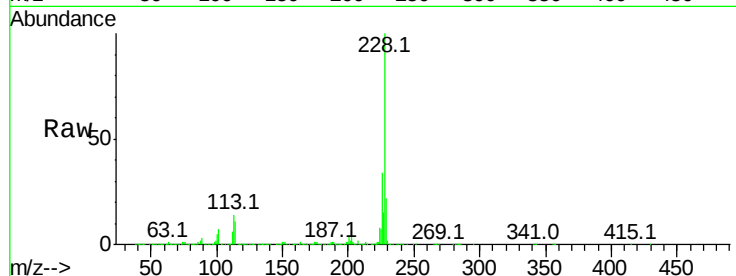
Tot Ion:228 Resp: 1937293

Ion Ratio Lower Upper

228 100

226 33.5 27.0 40.4

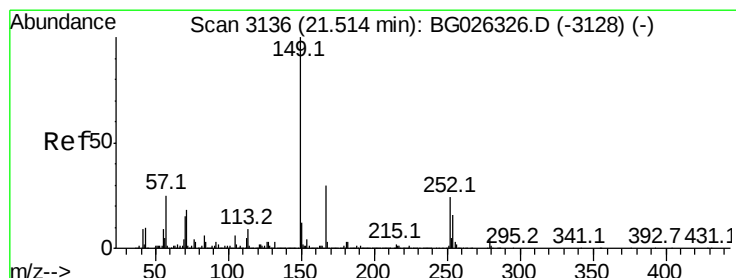
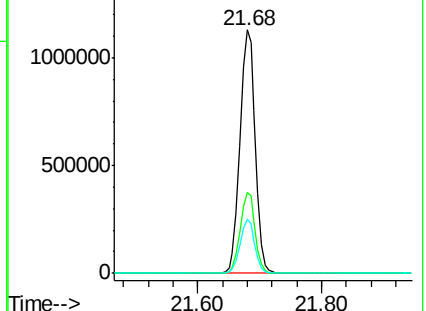
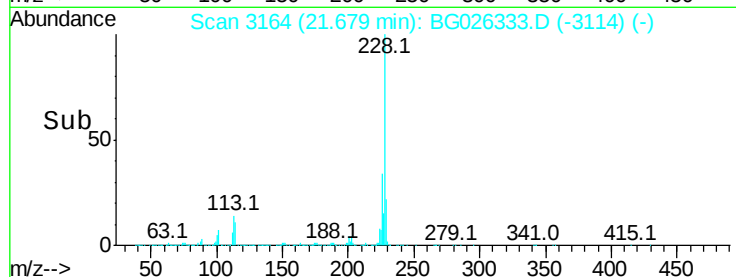
229 22.3 17.8 26.6



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: 125.80 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

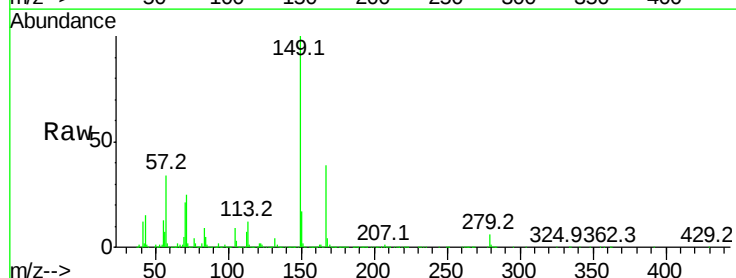
Tgt Ion:149 Resp: 3868414

Ion Ratio Lower Upper

149 100

167 38.7 23.7 35.5#

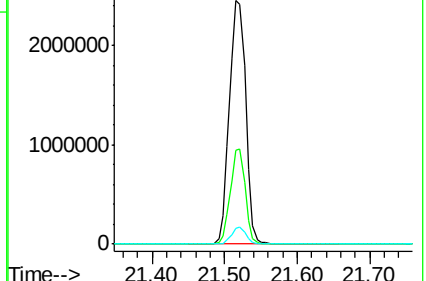
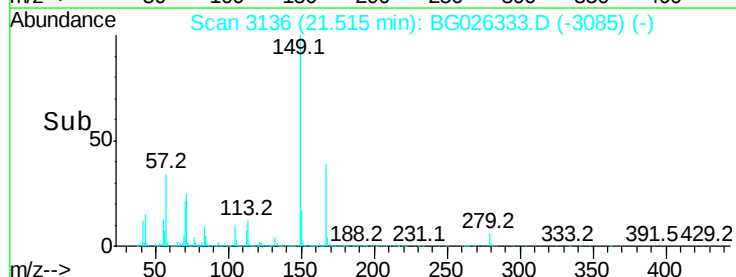
279 6.4 4.6 6.8

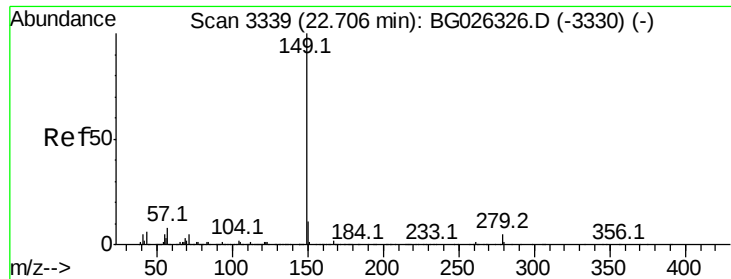


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 121.07 ng

RT: 22.71 min Scan# 3340

Delta R.T. 0.01 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

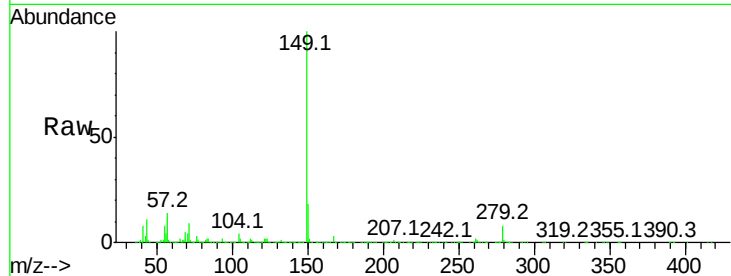
Tot Ion:149 Resp: 6353125

Ion Ratio Lower Upper

149 100

167 2.3 1.4 2.2#

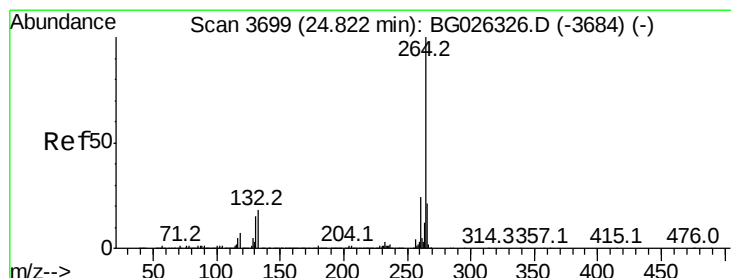
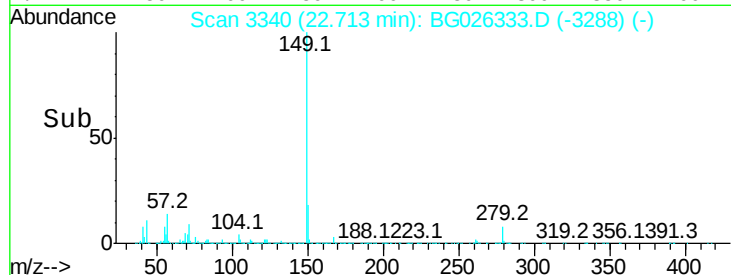
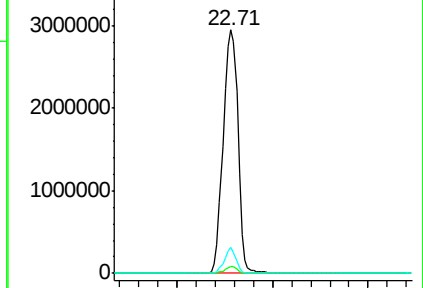
43 8.4 11.8 17.6#



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): B



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

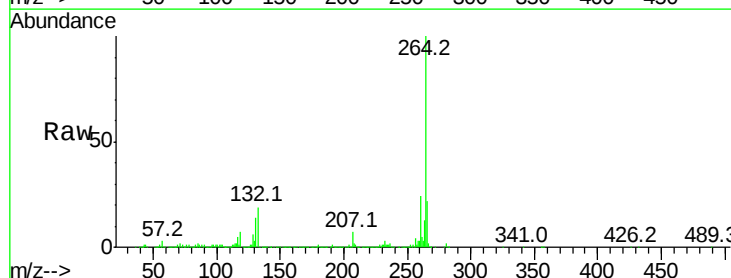
Tgt Ion:264 Resp: 861253

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

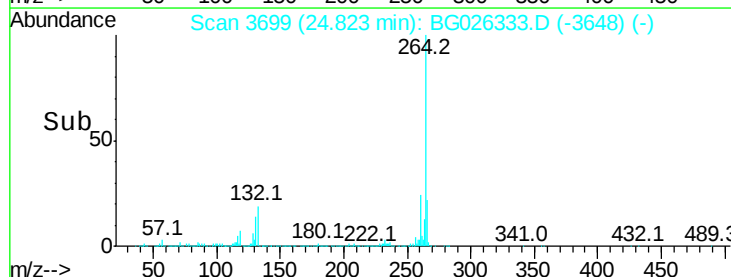
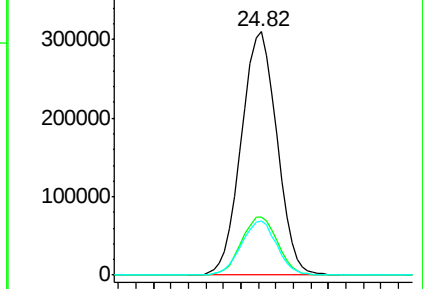
265 22.3 18.2 27.4

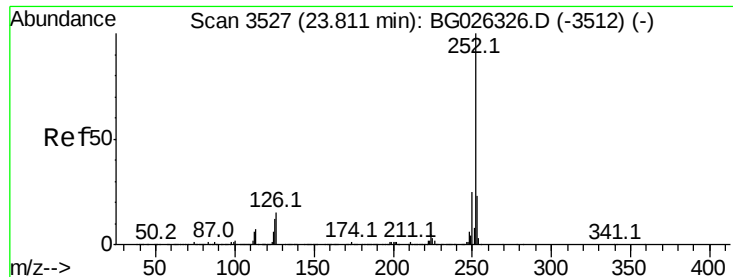


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 115.56 ng

RT: 23.83 min Scan# 3530

Delta R.T. 0.02 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

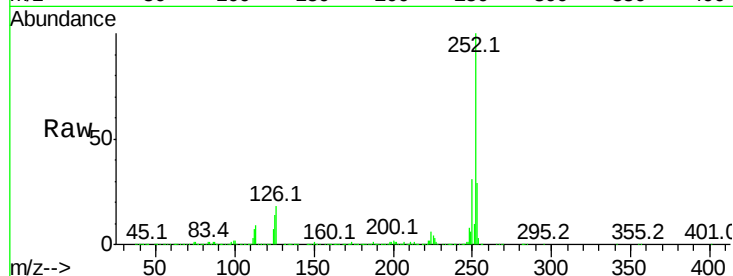
Tot Ion:252 Resp: 5866961

Ion Ratio Lower Upper

252 100

253 28.8 18.7 28.1#

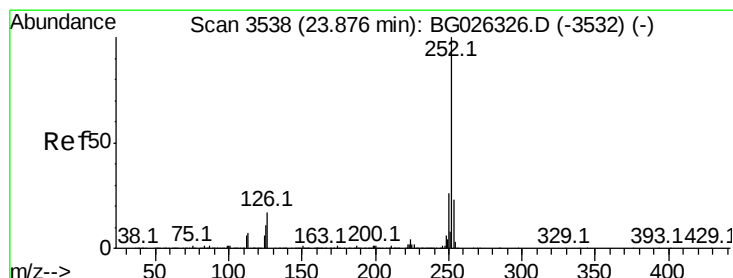
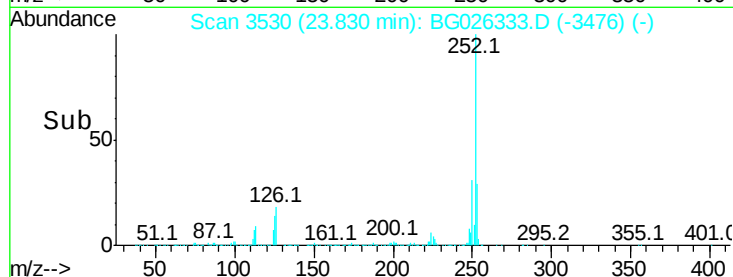
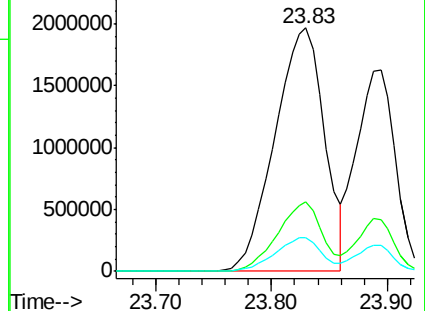
125 13.9 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.68 ng

RT: 23.89 min Scan# 3541

Delta R.T. 0.02 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

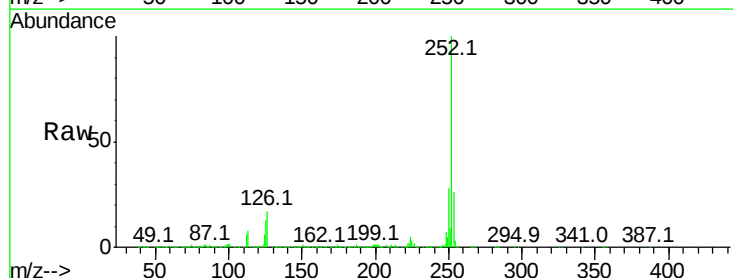
Tgt Ion:252 Resp: 3824542

Ion Ratio Lower Upper

252 100

253 25.8 20.2 30.2

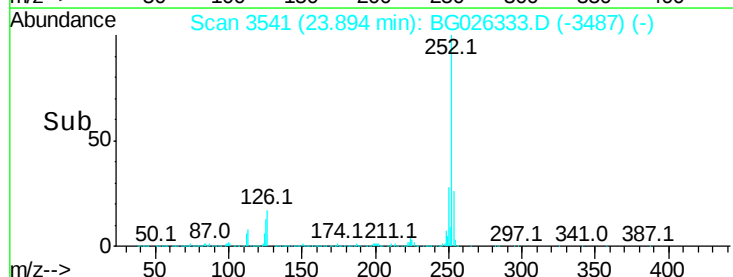
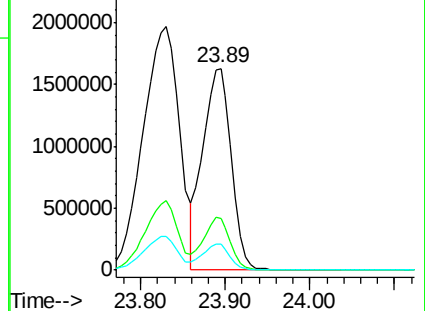
125 12.9 5.1 7.7#

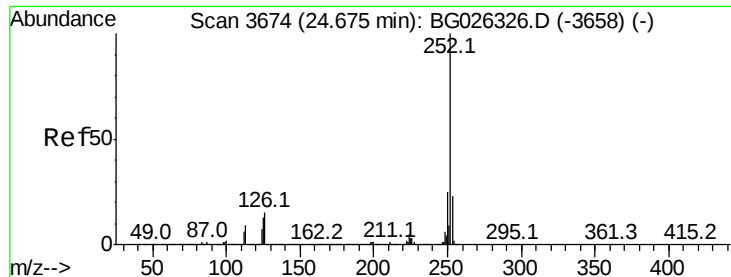


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.45 ng

RT: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

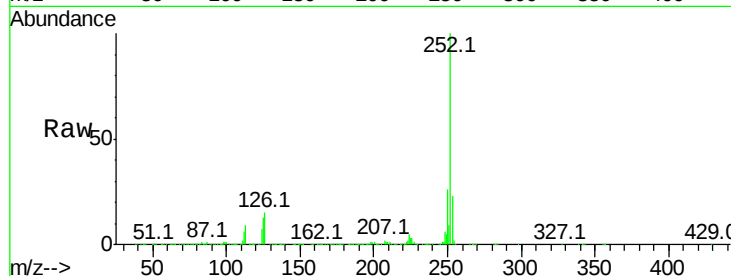
Tot Ion:252 Resp: 2359487

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

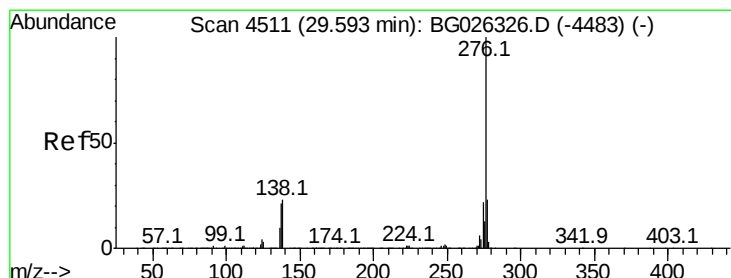
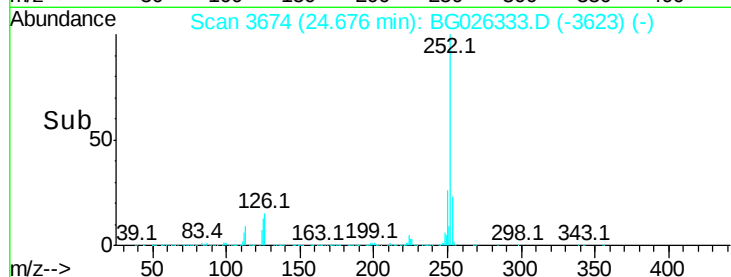
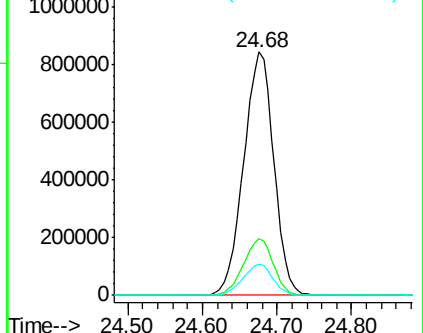
125 12.9 5.4 8.0#



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(g,h,i)perylene

Concen: 161.95 ng

RT: 29.66 min Scan# 4523

Delta R.T. 0.07 min

Lab File: BG026333.D

Acq: 20 Mar 2017 19:06

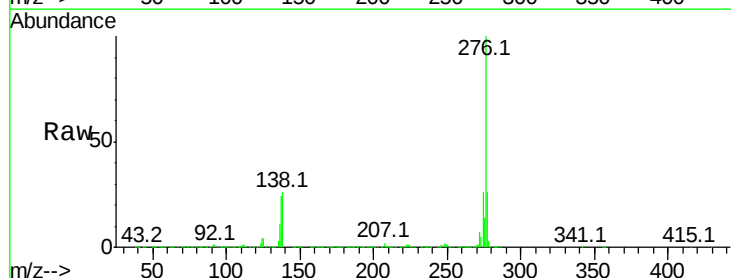
Tgt Ion:276 Resp: 8030557

Ion Ratio Lower Upper

276 100

277 26.4 18.6 27.8

138 26.0 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

