

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029277.D
 Acq On : 16 Oct 2017 17:23
 Operator : SJ/JU
 Sample : I5266-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Oct 16 18:03:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60968	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	290521	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	184946	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	411908	20.00	ng	0.00
75) Chrysene-d12	21.80	240	430183	20.00	ng	0.00
86) Perylene-d12	25.11	264	439976	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	109071	29.89	ng	0.00
7) Phenol-d6	7.32	99	155738	30.40	ng	0.00
23) Nitrobenzene-d5	9.33	82	91315	19.97	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	70346	29.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	273927	21.72	ng	0.00
78) Terphenyl-d14	20.12	244	415989	22.00	ng	0.00

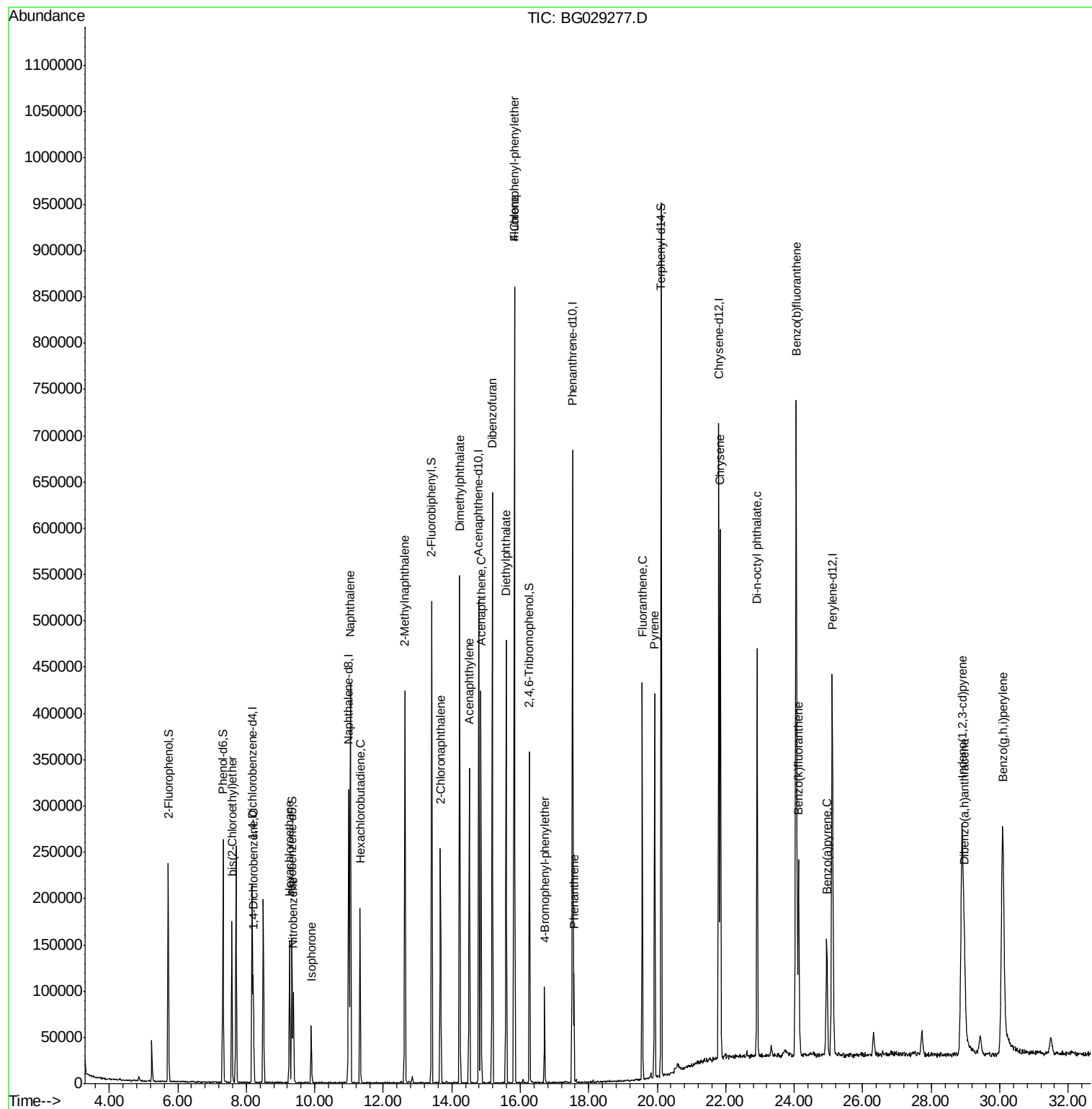
Target Compounds					Qvalue
11) bis(2-Chloroethyl)ether	7.58	93	100599	25.001 ng	91
13) 1,4-Dichlorobenzene	8.21	146	50511	10.534 ng	93
18) Hexachloroethane	9.26	117	29944	18.325 ng	95
24) Nitrobenzene	9.38	77	56022	10.899 ng	96
25) Isophorone	9.90	82	45936	4.813 ng	97
31) Naphthalene	11.04	128	374685	25.878 ng	98
34) Hexachlorobutadiene	11.32	225	46297	14.541 ng	97
37) 2-Methylnaphthalene	12.63	142	211433	20.036 ng	93
46) 2-Chloronaphthalene	13.67	162	133019	11.472 ng	97
48) Acenaphthylene	14.51	152	257900	14.212 ng	98
49) Dimethylphthalate	14.23	163	376069	26.062 ng	99
51) Acenaphthene	14.85	154	157127	13.308 ng	98
54) Dibenzofuran	15.19	168	446927	26.515 ng	99
57) Fluorene	15.83	166	302078	21.694 ng	97
59) Diethylphthalate	15.59	149	264618	18.401 ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	124450	16.763 ng	95
66) 4-Bromophenyl-phenylether	16.71	248	21198	4.485 ng	98
70) Phenanthrene	17.57	178	74940	3.522 ng	98
74) Fluoranthene	19.56	202	266917	10.724 ng	99
77) Pyrene	19.92	202	265636	10.179 ng	99
82) Chrysene	21.84	228	364890	15.086 ng	98
84) Di-n-octyl phthalate	22.92	149	408516	14.691 ng	97
85) Indeno(1,2,3-cd)pyrene	28.90	276	549670	18.472 ng	99
87) Benzo(b)fluoranthene	24.06	252	747247	29.666 ng	99
88) Benzo(k)fluoranthene	24.12	252	191399	7.627 ng	99
89) Benzo(a)pyrene	24.95	252	146484	6.049 ng	98
90) Dibenzo(a,h)anthracene	28.96	278	172311	7.029 ng	97
91) Benzo(g,h,i)perylene	30.09	276	593025	26.034 ng	97

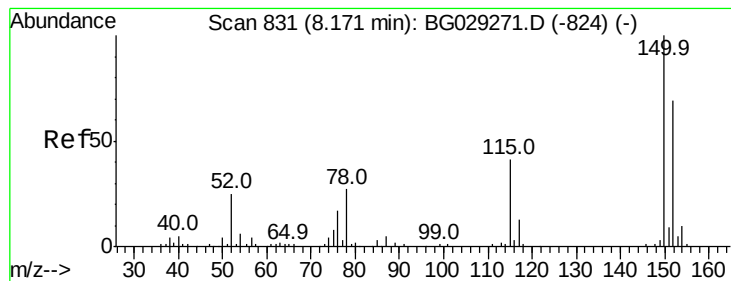
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

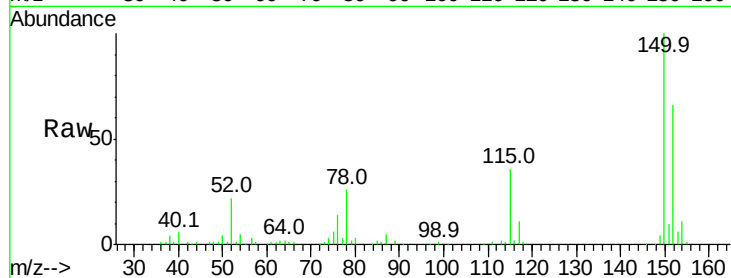
Tot Ion:152 Resp: 60968

Ion Ratio Lower Upper

152 100

150 151.7 126.6 189.8

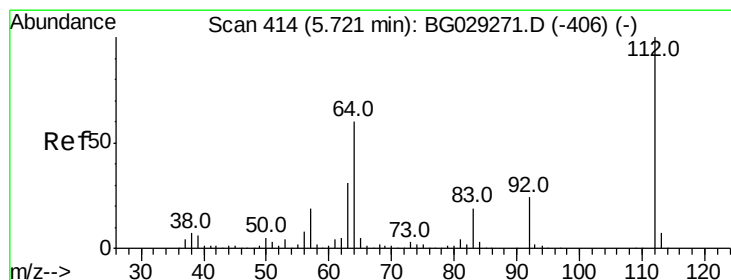
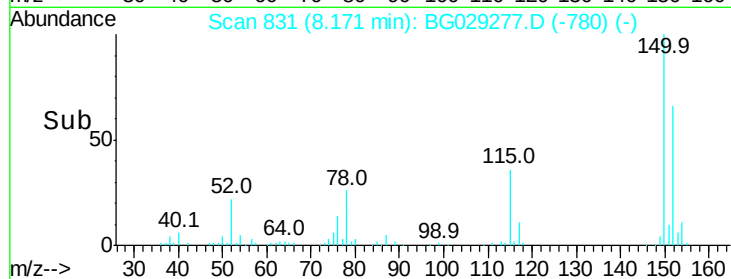
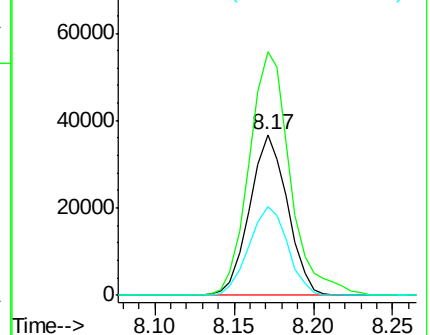
115 55.1 53.0 79.4



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: 29.886 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

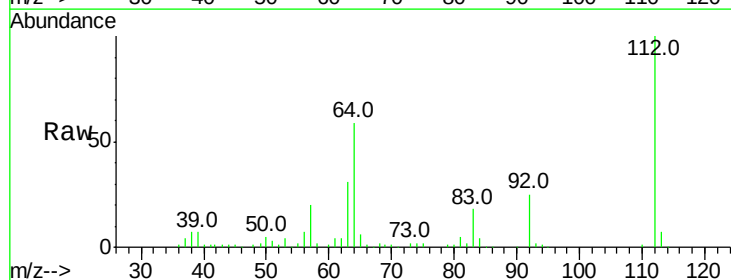
Tgt Ion:112 Resp: 109071

Ion Ratio Lower Upper

112 100

64 59.1 56.3 84.5

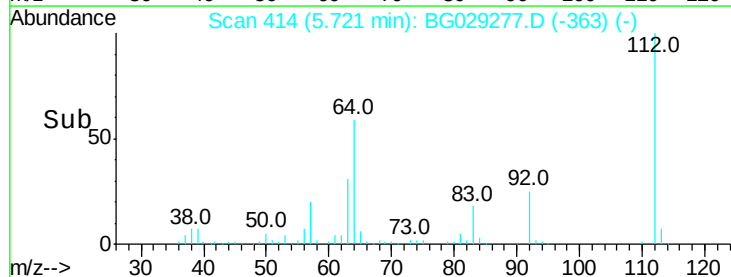
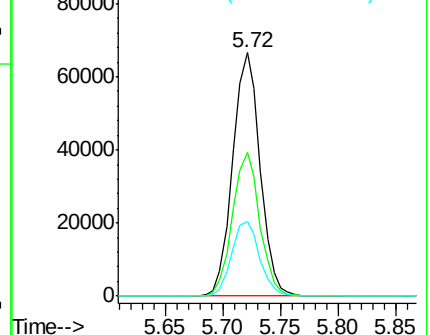
63 30.9 30.1 45.1

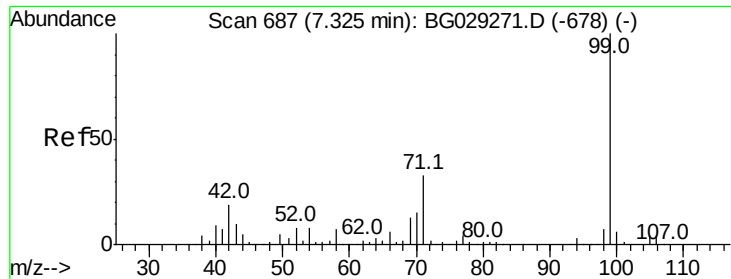


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.401 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

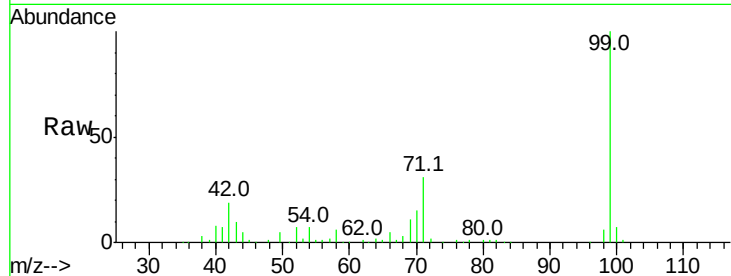
Tot Ion: 99 Resp: 155738

Ion Ratio Lower Upper

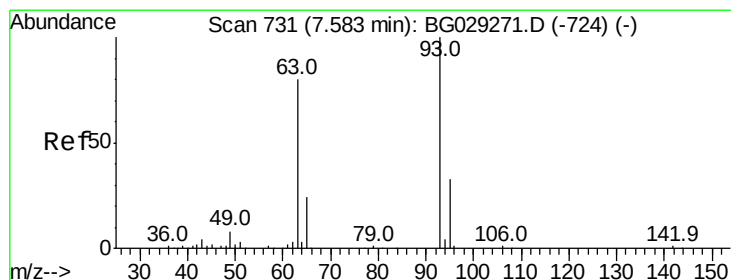
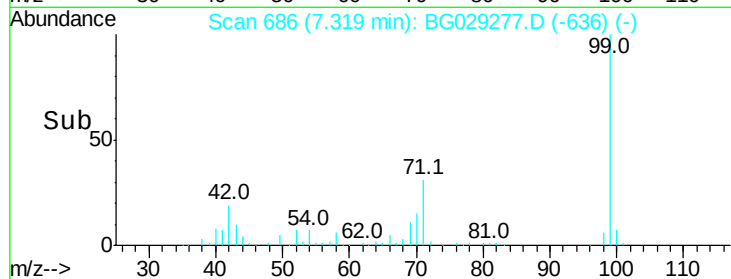
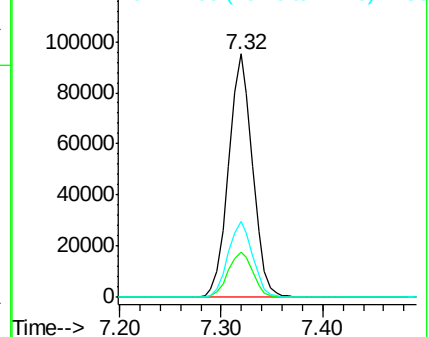
99 100

42 18.5 14.1 21.1

71 31.0 26.1 39.1



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: 25.001 ng

RT: 7.58 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

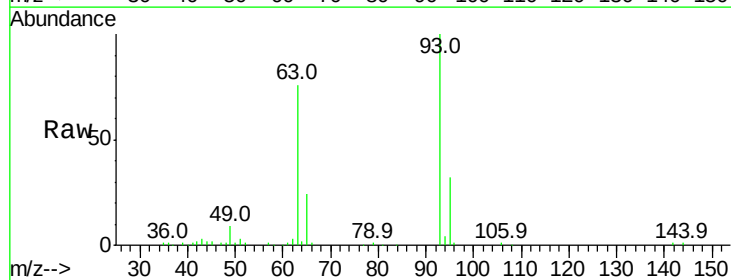
Tgt Ion: 93 Resp: 100599

Ion Ratio Lower Upper

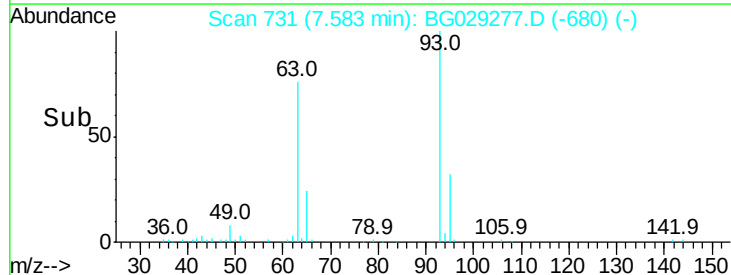
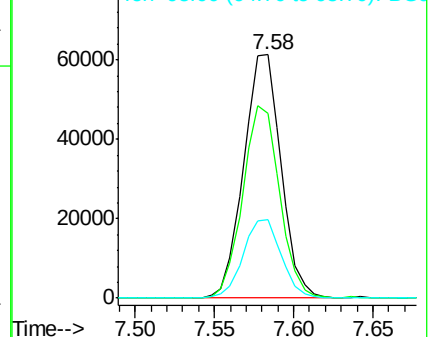
93 100

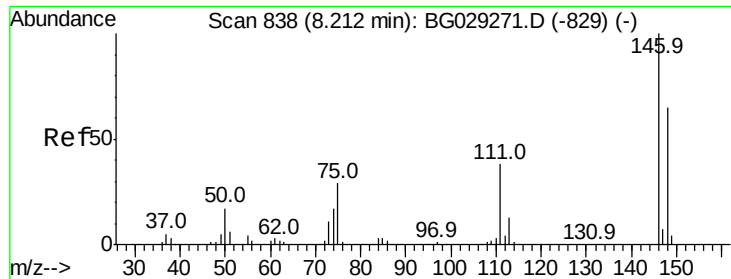
63 76.0 67.1 107.1

95 32.5 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

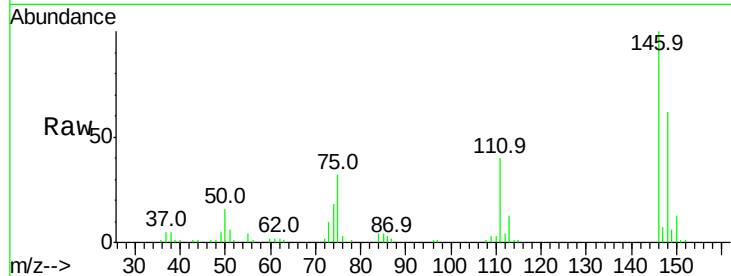




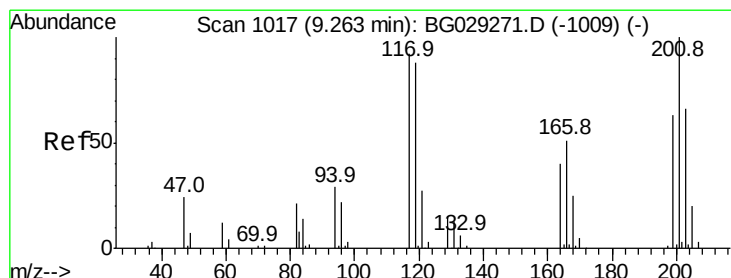
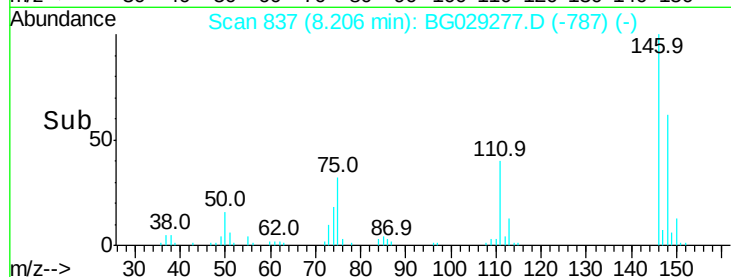
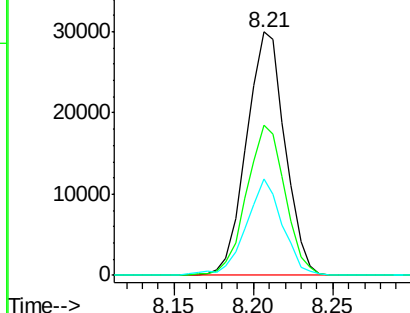
#13
 1,4-Dichlorobenzene
 Concen: 10.534 ng
 RT: 8.21 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tot Ion:146 Resp: 50511
 Ion Ratio Lower Upper
 146 100
 148 61.8 53.7 80.5
 111 39.6 35.2 52.8

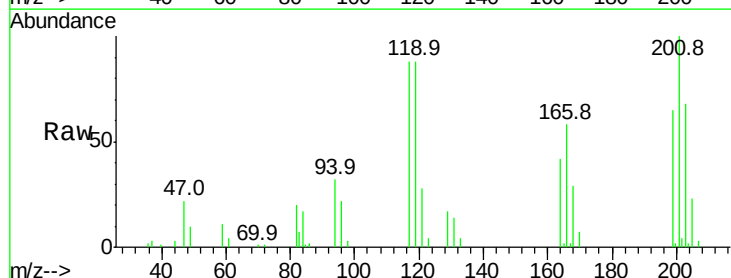


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

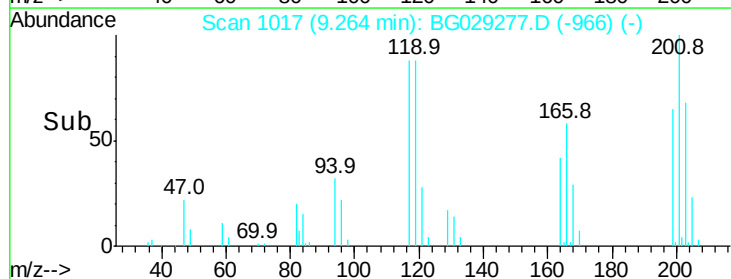
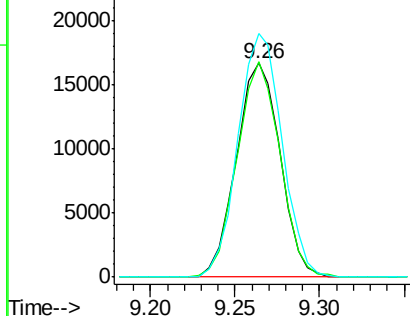


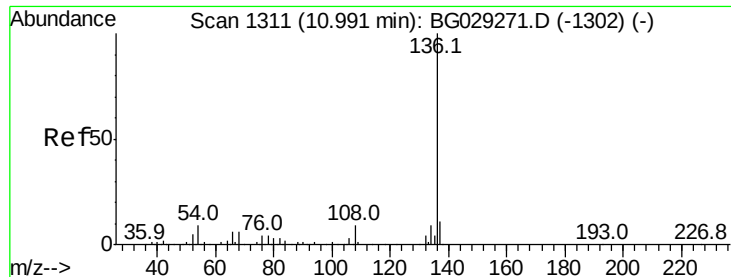
#18
 Hexachloroethane
 Concen: 18.325 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Tgt Ion:117 Resp: 29944
 Ion Ratio Lower Upper
 117 100
 119 100.6 76.7 115.1
 201 113.9 95.7 143.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

Tot Ion:136 Resp: 290521

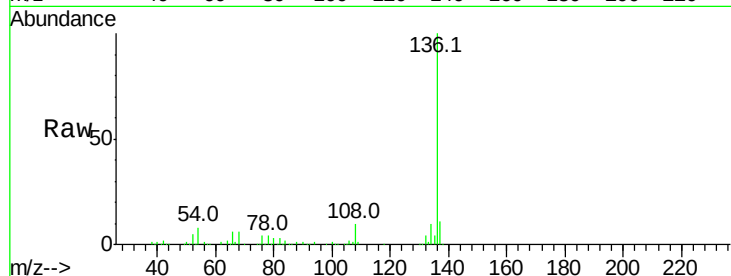
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.4 10.3 15.5#

68 6.4 4.5 6.7

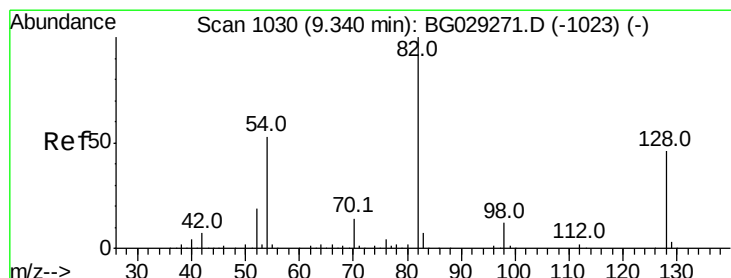
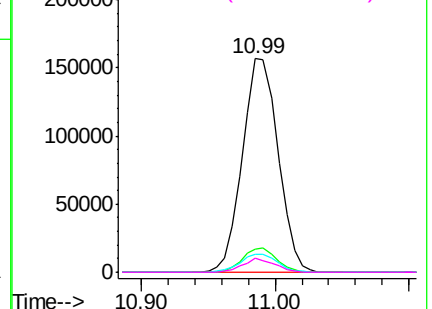
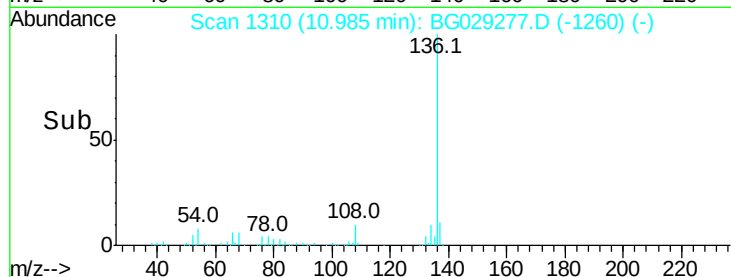


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 19.974 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

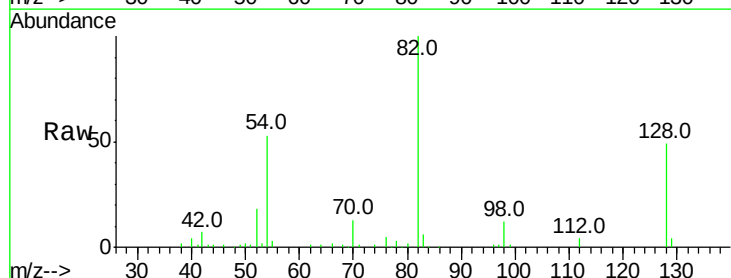
Tgt Ion: 82 Resp: 91315

Ion Ratio Lower Upper

82 100

128 48.7 29.7 44.5#

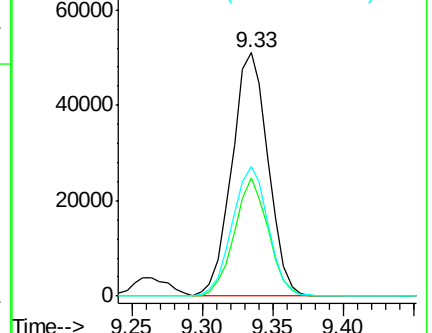
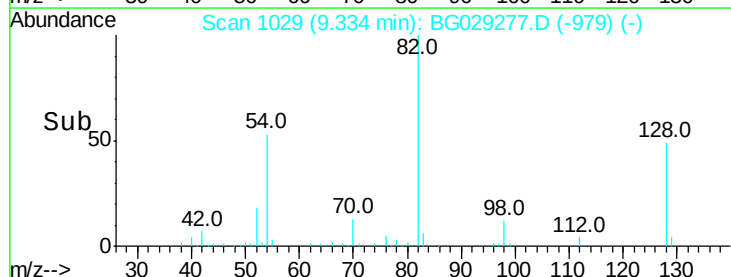
54 53.3 43.1 64.7

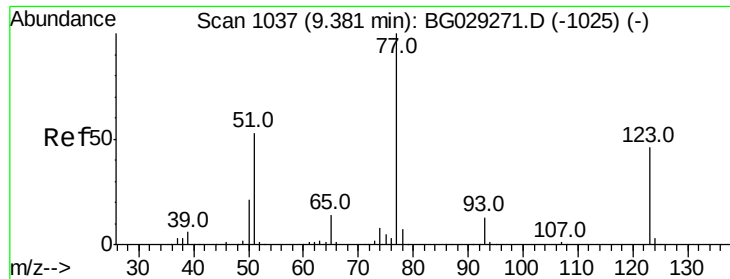


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG

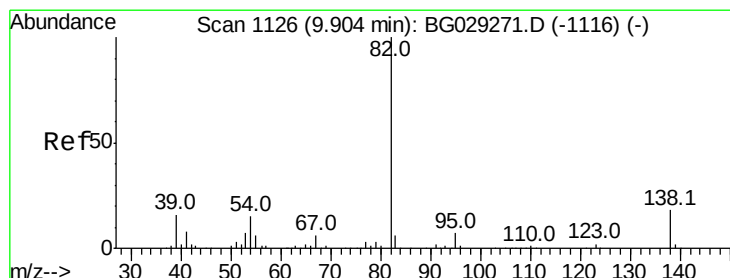
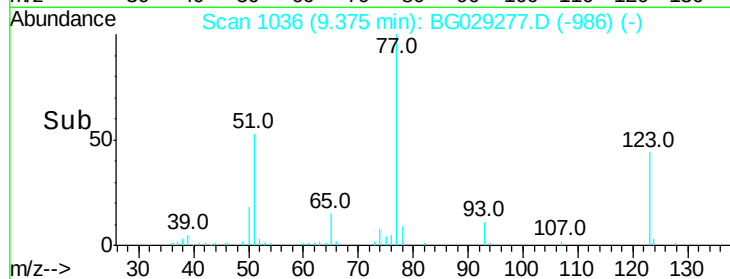
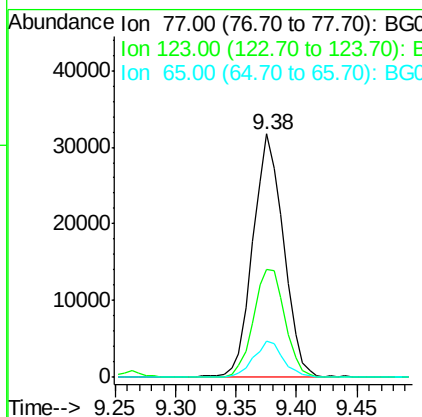
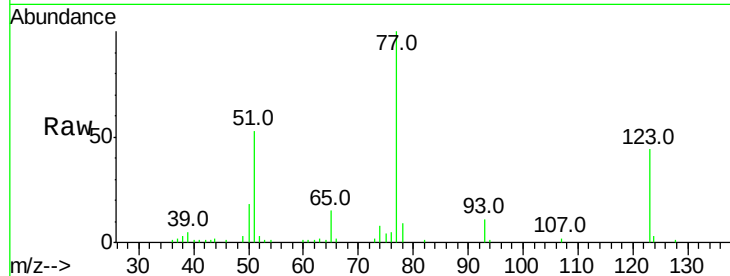




#24
 Nitrobenzene
 Concen: 10.899 ng
 RT: 9.38 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

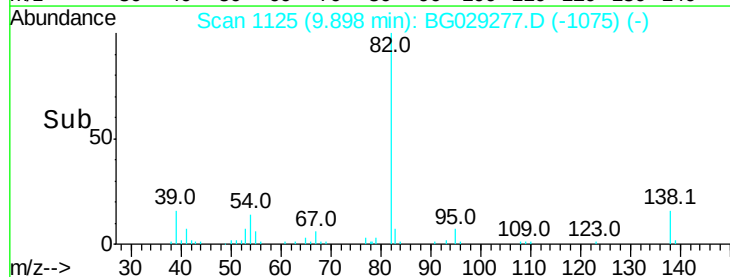
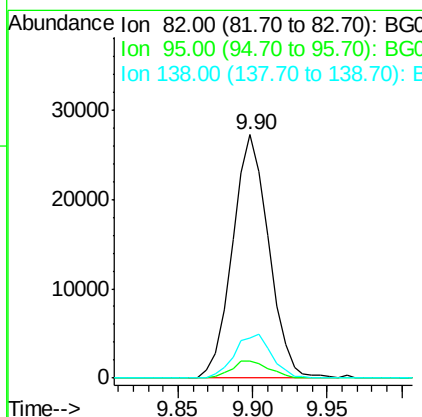
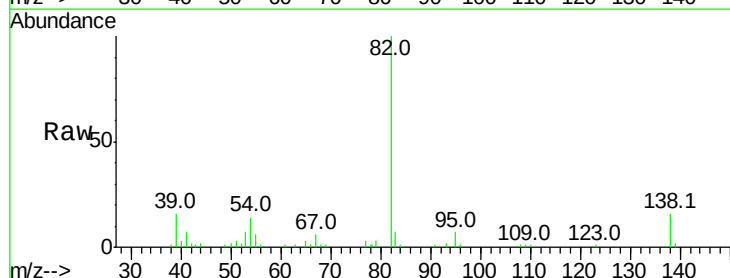
Instrument :
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 PT-BN-WPDL

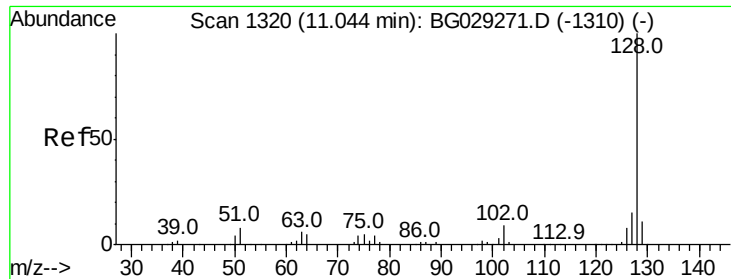
Tot Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.0	49.6
65	14.7	13.0	19.6



#25
 Isophorone
 Concen: 4.813 ng
 RT: 9.90 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.2	9.2
138	16.5	12.1	18.1

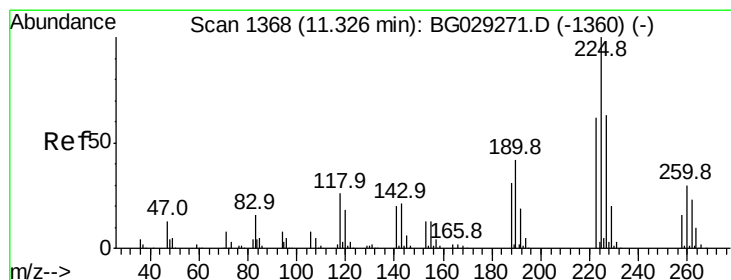
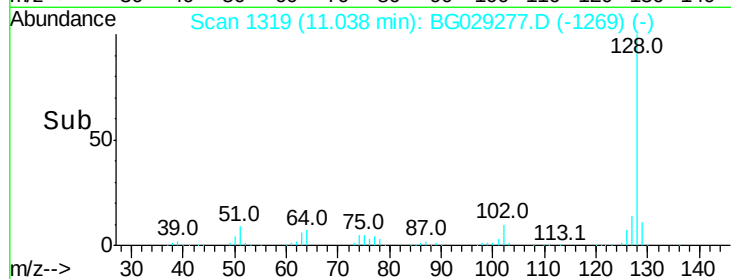
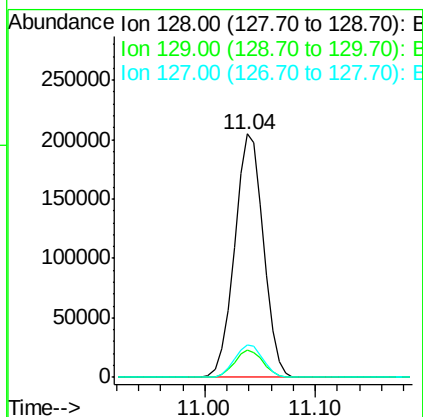
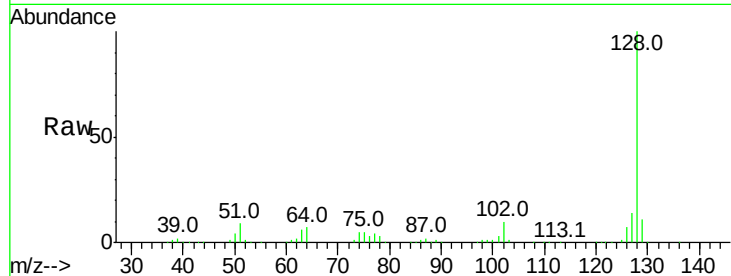




#31
Naphthalene
Concen: 25.878 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

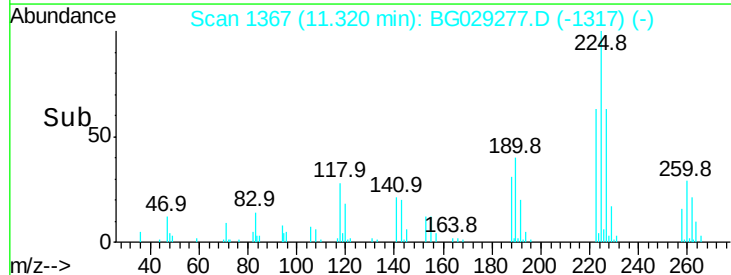
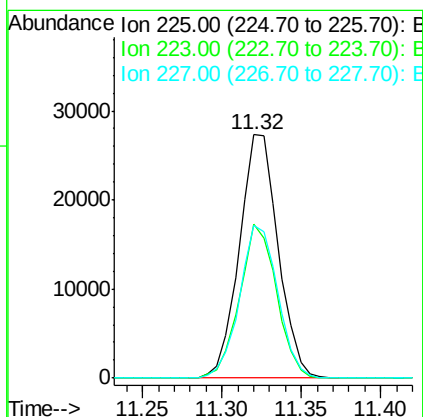
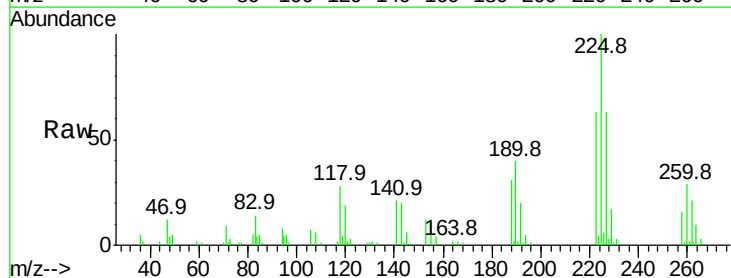
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

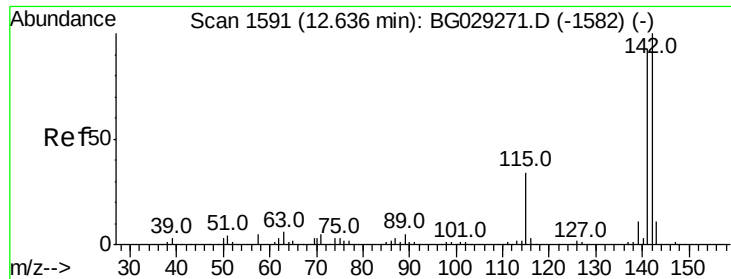
Tot Ion:128 Resp: 374685
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 11.6 17.4



#34
Hexachlorobutadiene
Concen: 14.541 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:225 Resp: 46297
Ion Ratio Lower Upper
225 100
223 63.3 49.7 74.5
227 62.9 48.1 72.1

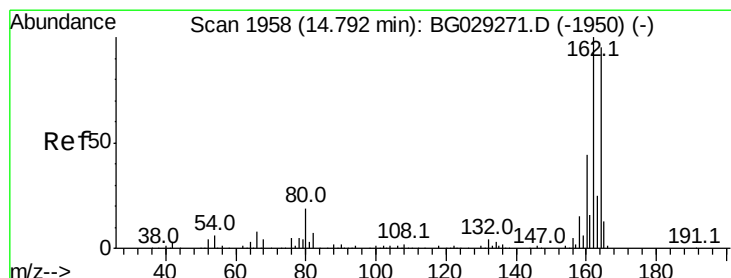
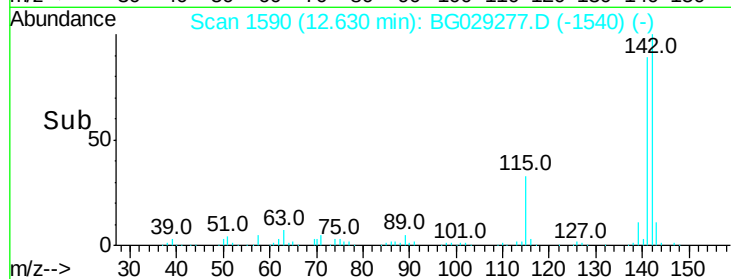
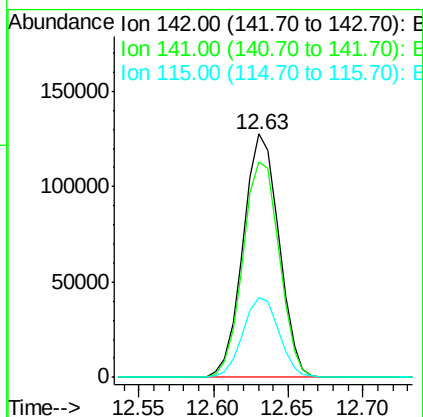
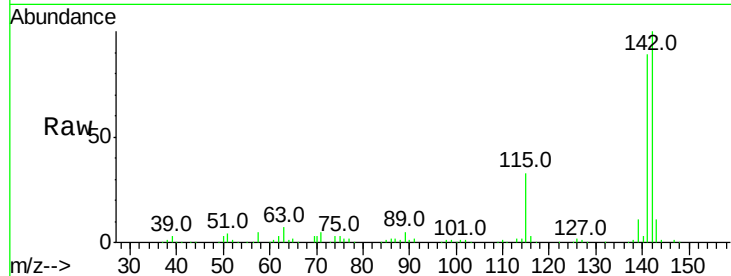




#37
2-Methylnaphthalene
Concen: 20.036 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

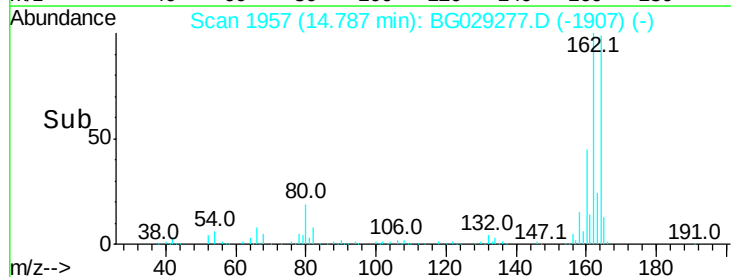
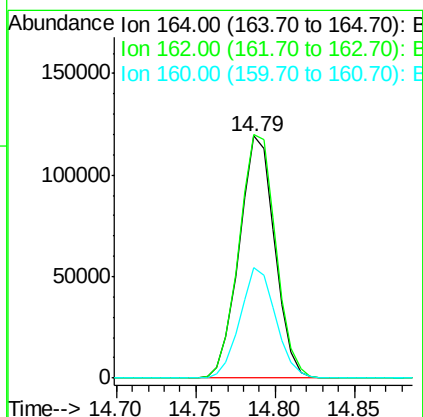
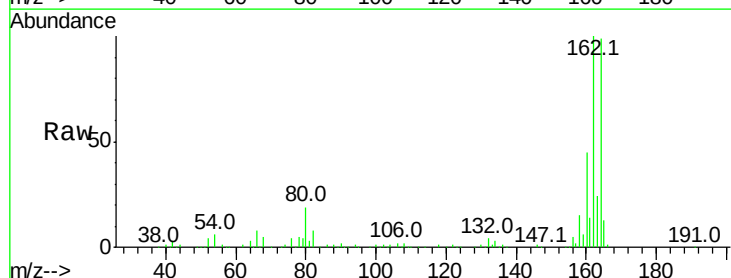
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

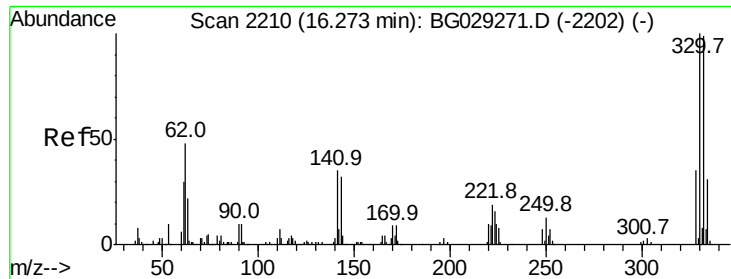
Tot Ion:142 Resp: 211433
Ion Ratio Lower Upper
142 100
141 88.7 67.1 100.7
115 32.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:164 Resp: 184946
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 45.5 35.4 53.0

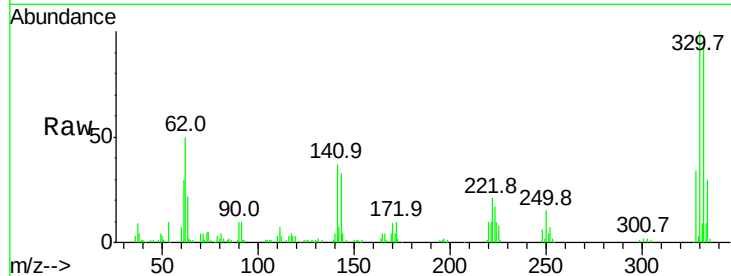




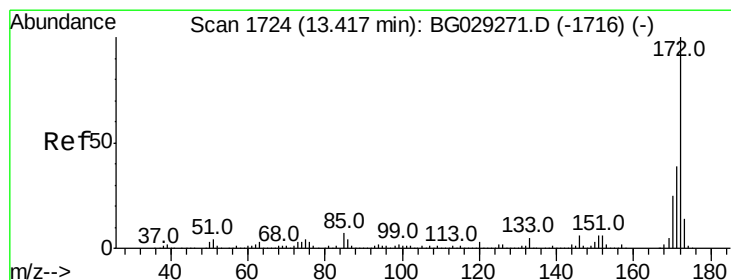
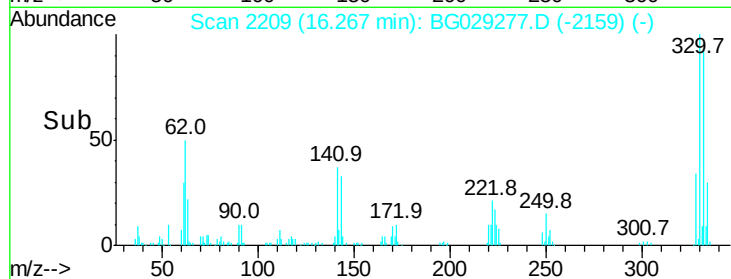
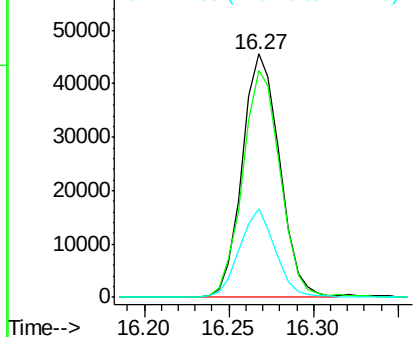
#41
 2,4,6-Tribromophenol
 Concen: 29.460 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	34.8	25.2	37.8

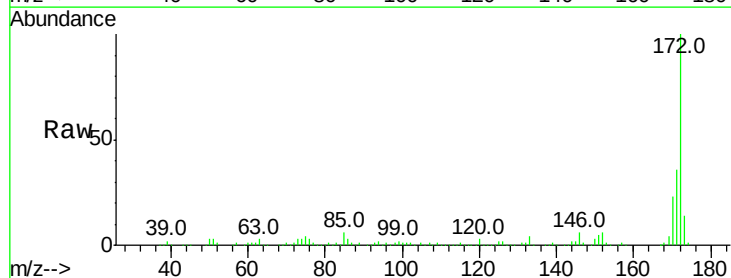


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

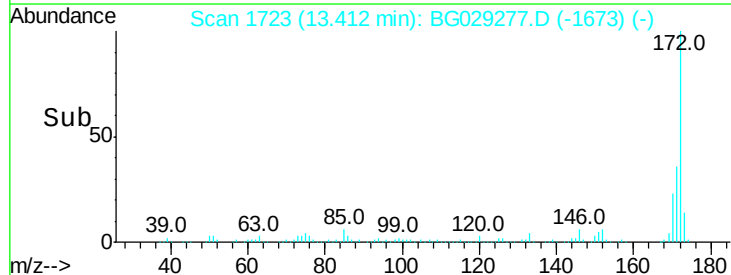
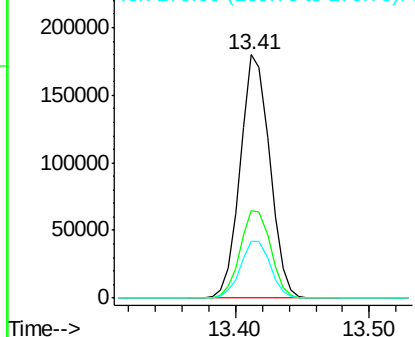


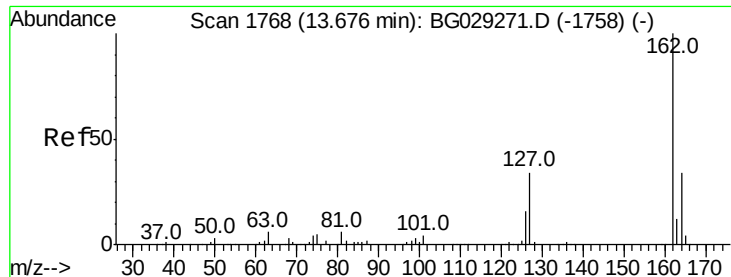
#44
 2-Fluorobiphenyl
 Concen: 21.723 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.3	19.5	29.3



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

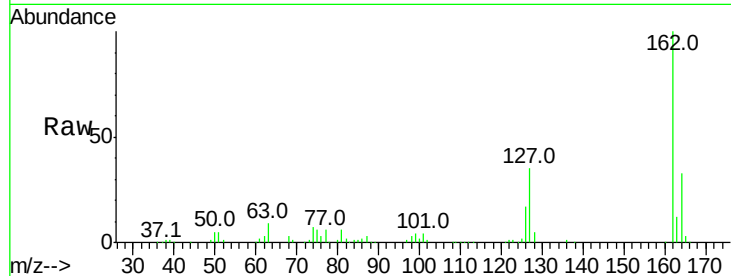




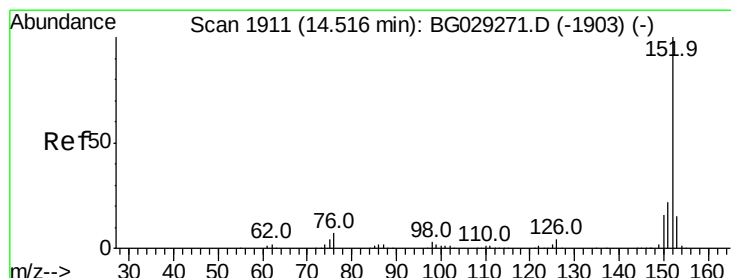
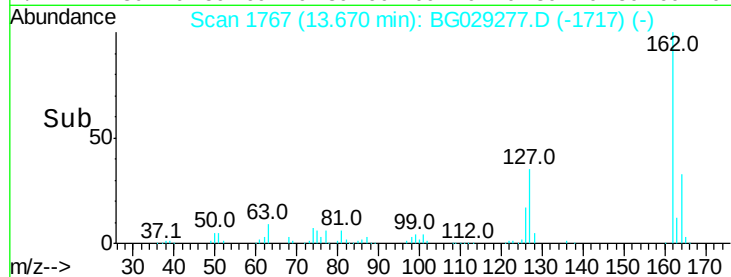
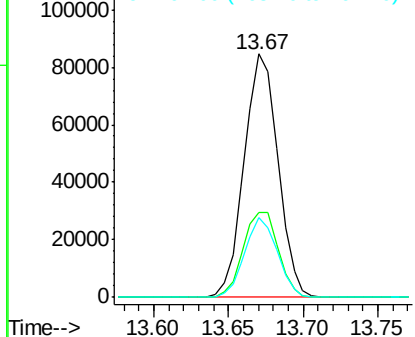
#46
2-Chloronaphthalene
Concen: 11.472 ng
RT: 13.67 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.7	46.1
164	32.5	26.0	39.0

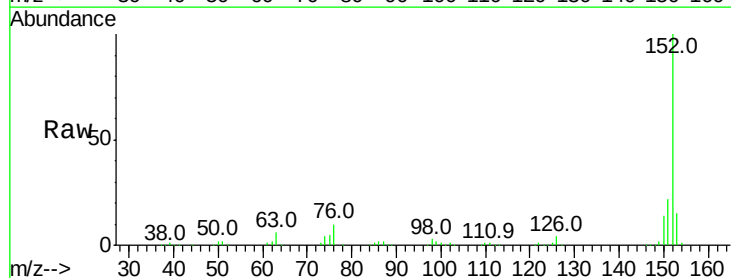


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

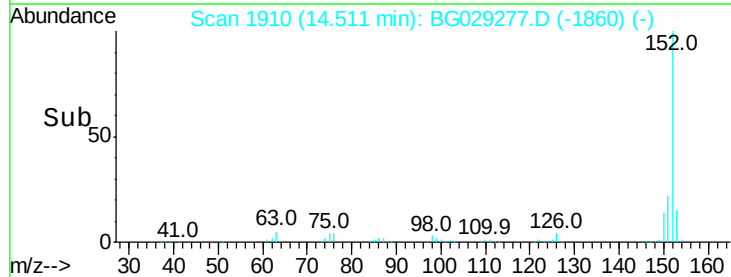
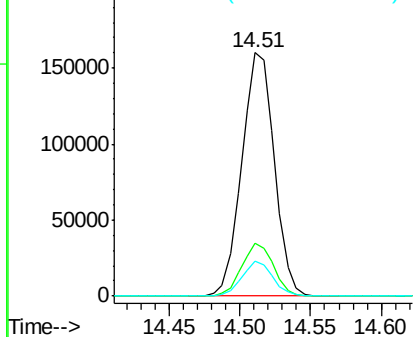


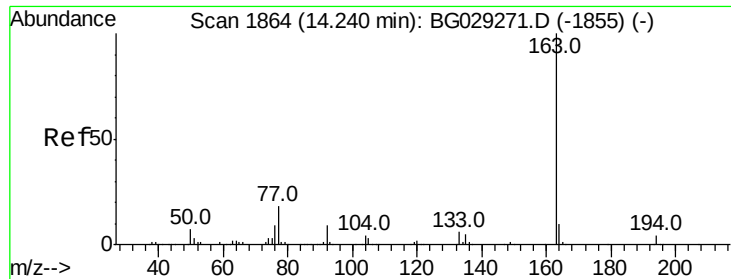
#48
Acenaphthylene
Concen: 14.212 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.6	10.2	15.4



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





#49

Dimethylphthalate

Concen: 26.062 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

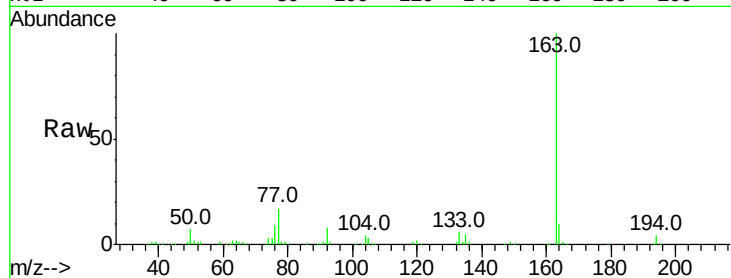
Tot Ion:163 Resp: 376069

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

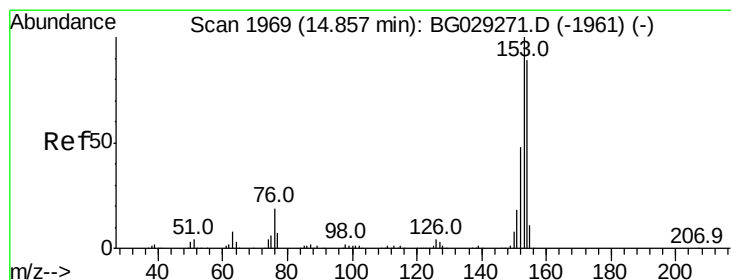
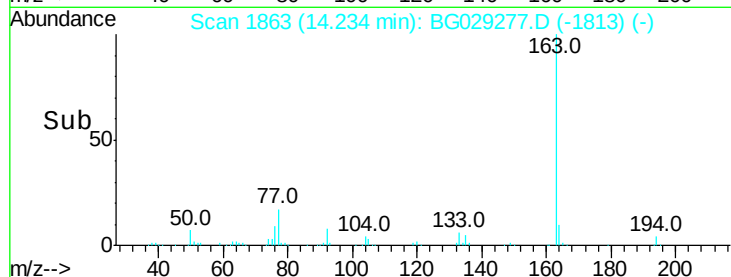
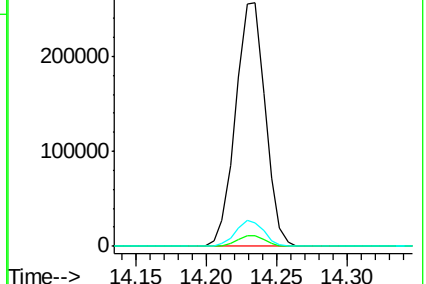
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 13.308 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

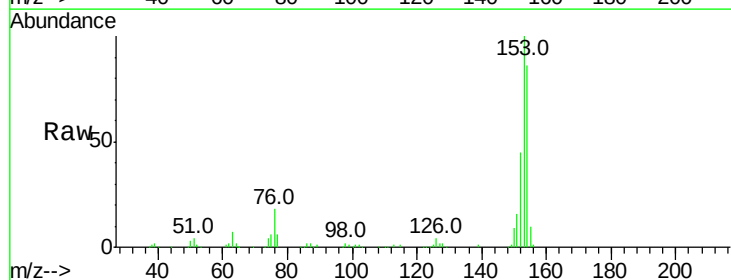
Tgt Ion:154 Resp: 157127

Ion Ratio Lower Upper

154 100

153 116.4 90.4 135.6

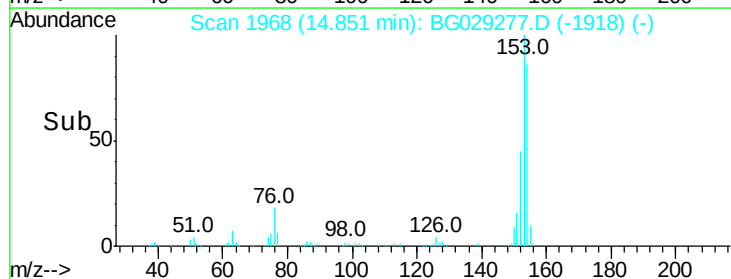
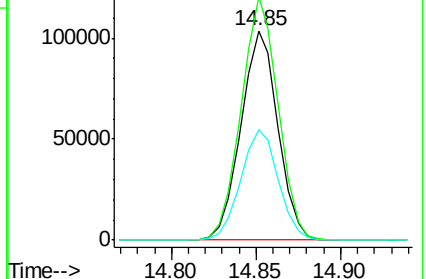
152 52.7 41.6 62.4

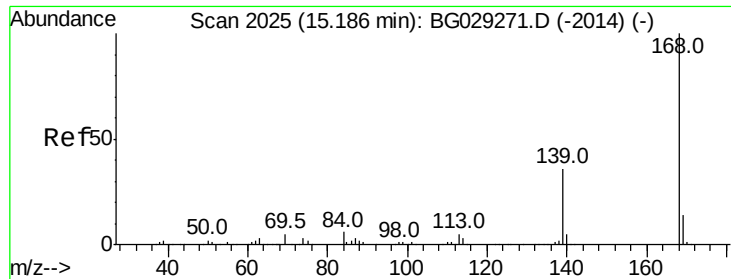


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 26.515 ng

RT: 15.19 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

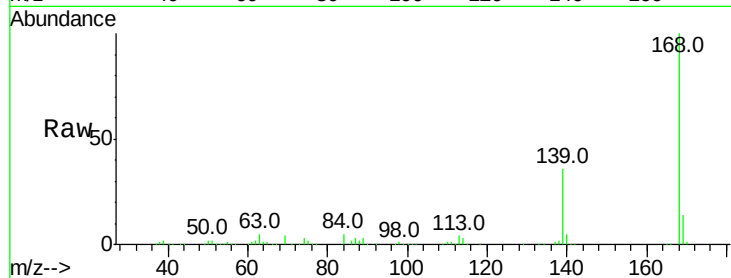
Tot Ion:168 Resp: 446927

Ion Ratio Lower Upper

168 100

139 36.3 28.6 43.0

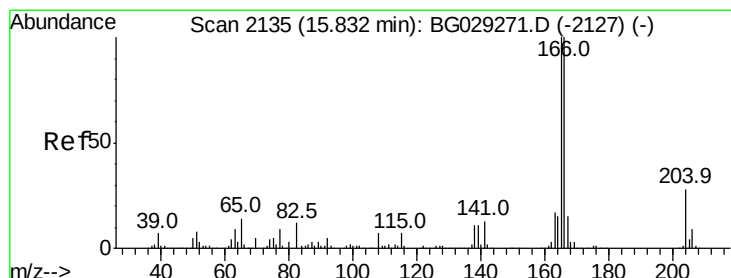
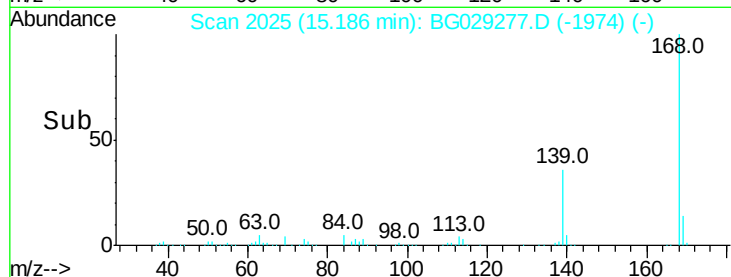
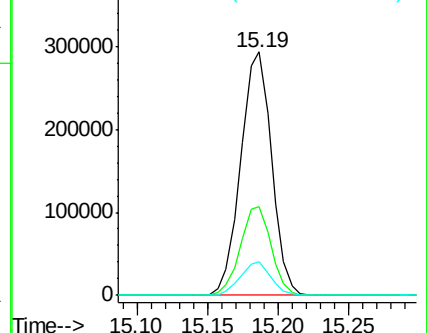
169 14.1 11.2 16.8



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: 21.694 ng

RT: 15.83 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

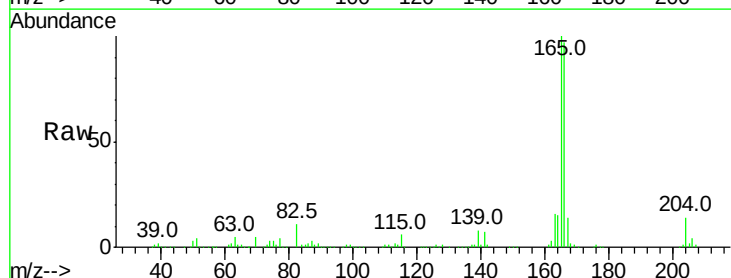
Tgt Ion:166 Resp: 302078

Ion Ratio Lower Upper

166 100

165 103.4 80.6 121.0

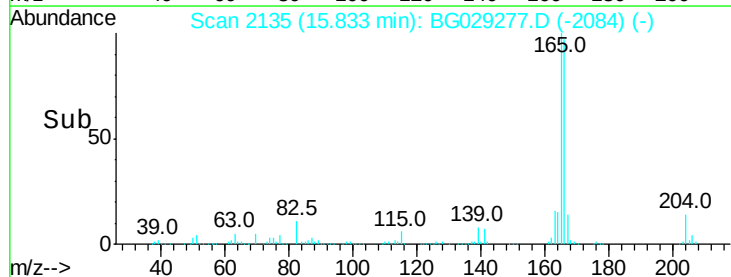
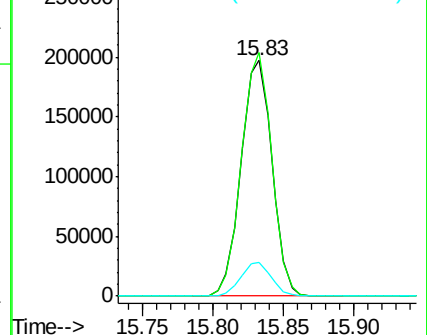
167 14.4 10.4 15.6

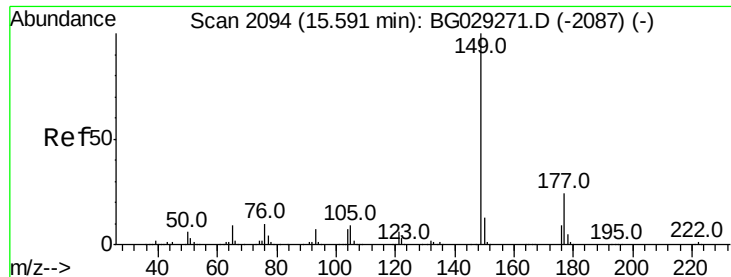


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

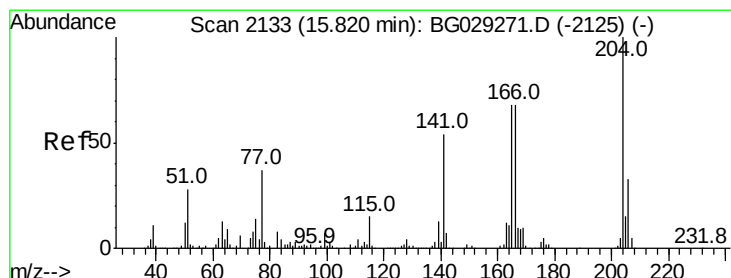
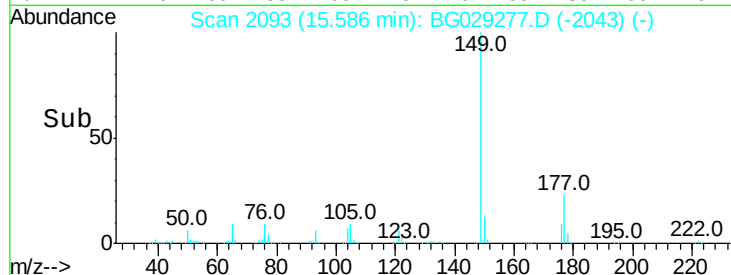
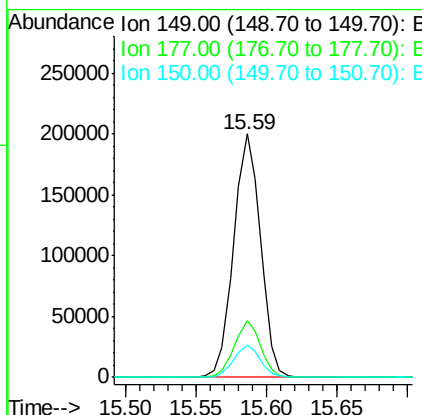
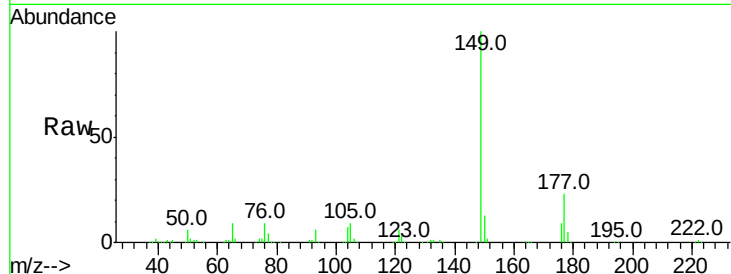




#59
Diethylphthalate
Concen: 18.401 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

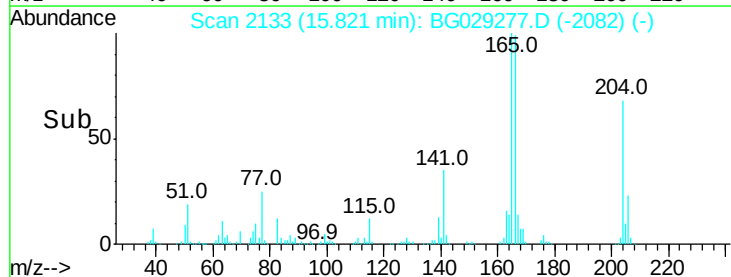
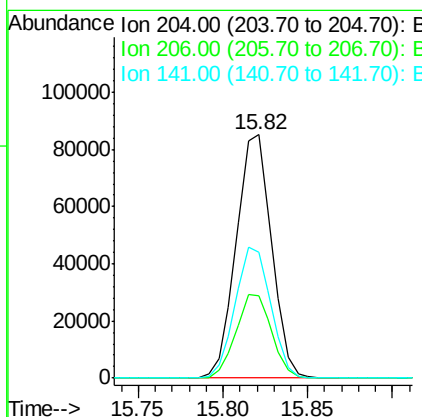
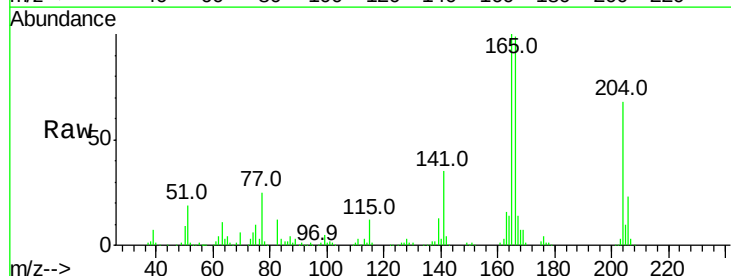
Instrument :
BNA_G
ClientSampled :
PT-BN-WPDL

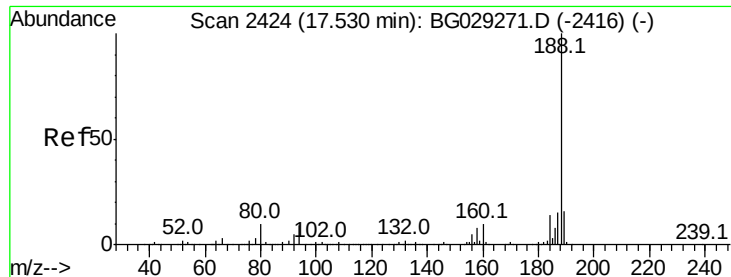
Tot Ion:149 Resp: 264618
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 16.763 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion:204 Resp: 124450
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 51.9 45.8 68.6

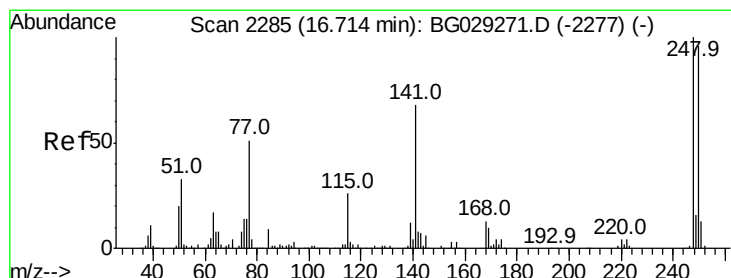
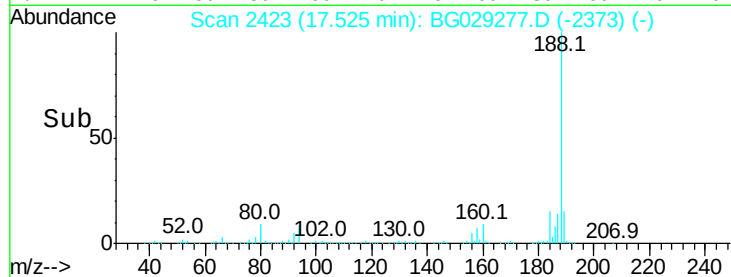
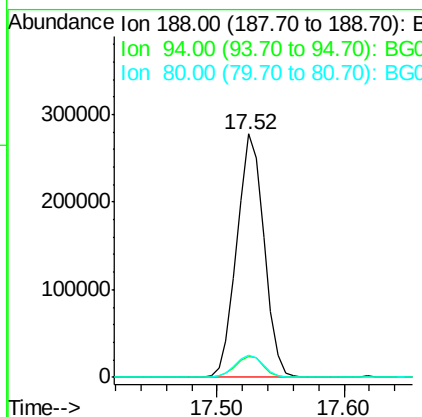
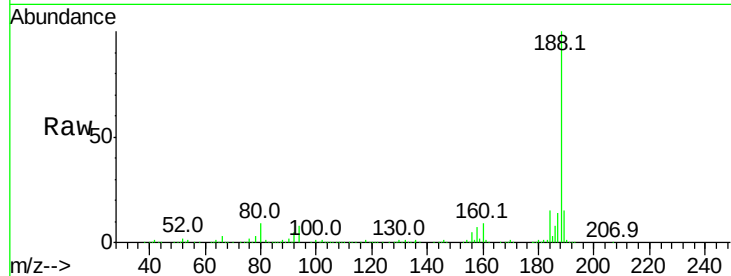




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

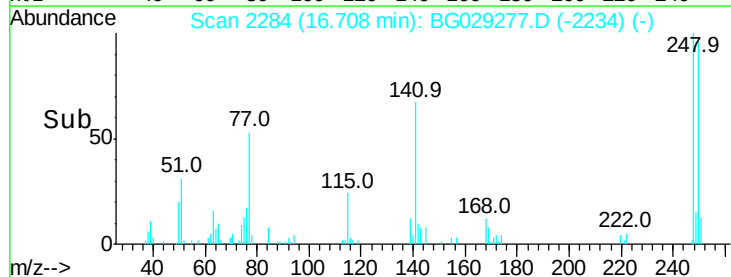
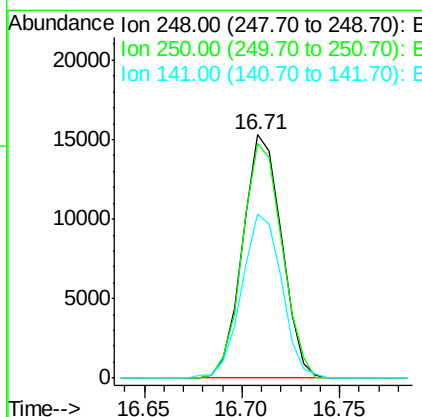
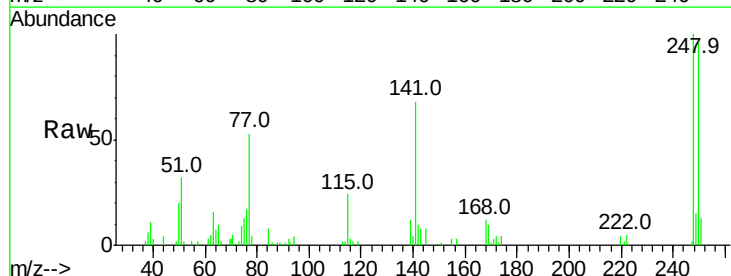
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

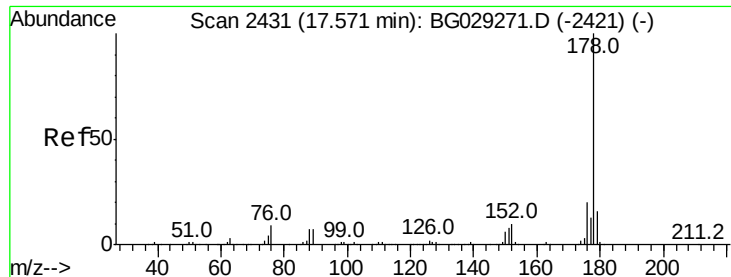
Tot Ion:188 Resp: 411908
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 9.3 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.485 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG029277.D
 Acq: 16 Oct 2017 17:23

Tgt Ion:248 Resp: 21198
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.1 115.7
 141 67.6 50.8 76.2





#70

Phenanthrene

Concen: 3.522 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

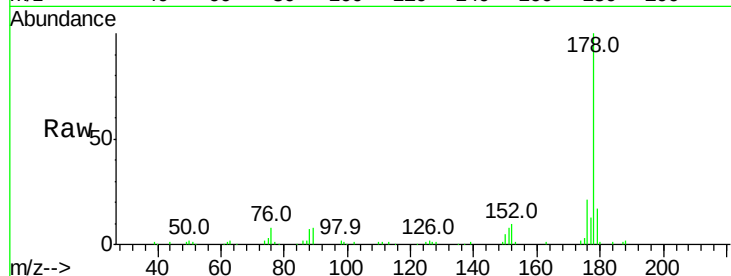
BNA_G

ClientSampleId :

PT-BN-WPDL

Tot Ion:178 Resp: 74940

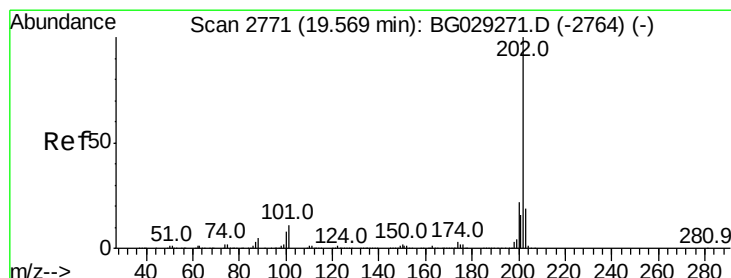
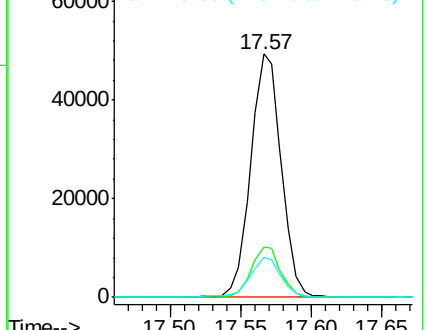
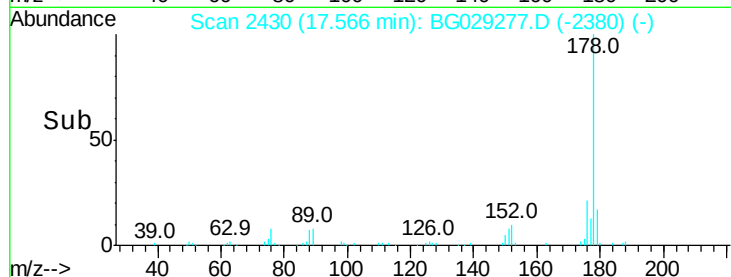
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.6	12.5	18.7



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



#74

Fluoranthene

Concen: 10.724 ng

RT: 19.56 min Scan# 2770

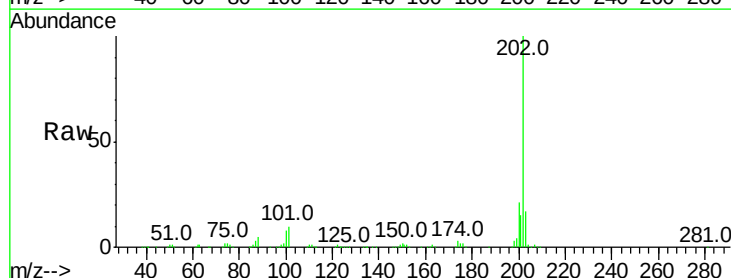
Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Tgt Ion:202 Resp: 266917

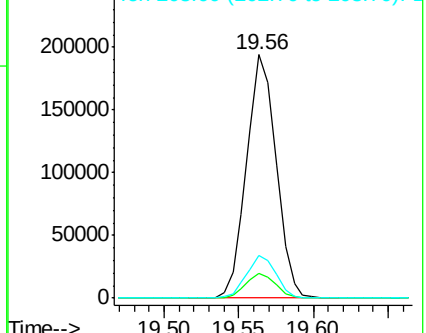
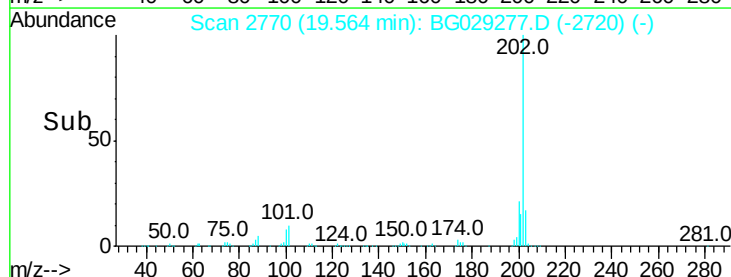
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.9
203	17.4	0.0	37.5

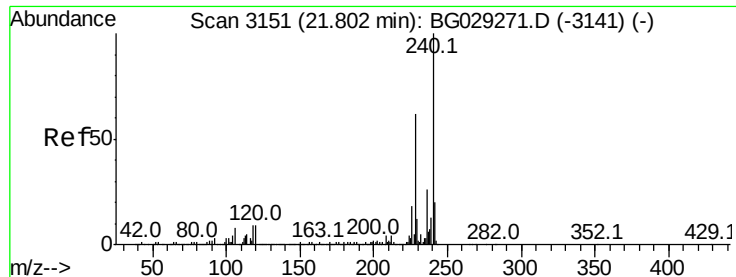


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

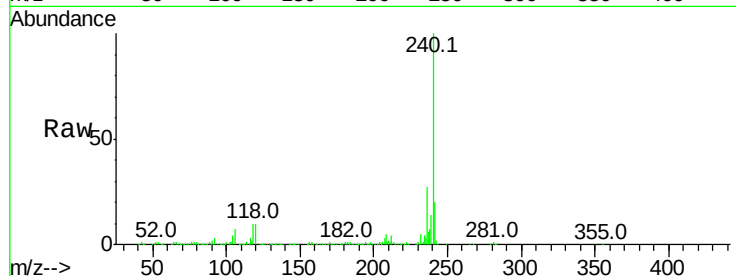
Tot Ion:240 Resp: 430183

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

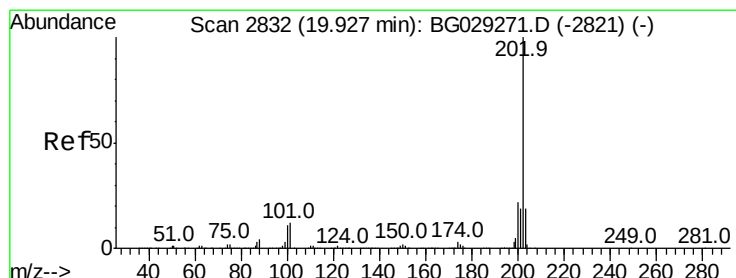
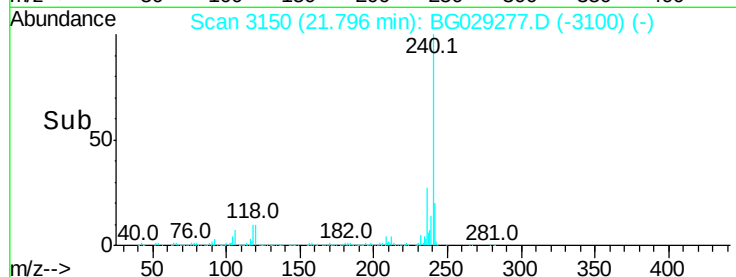
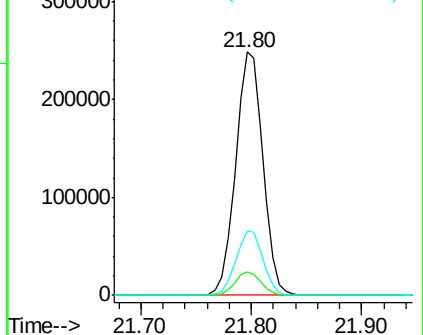
236 26.6 20.9 31.3



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: 10.179 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

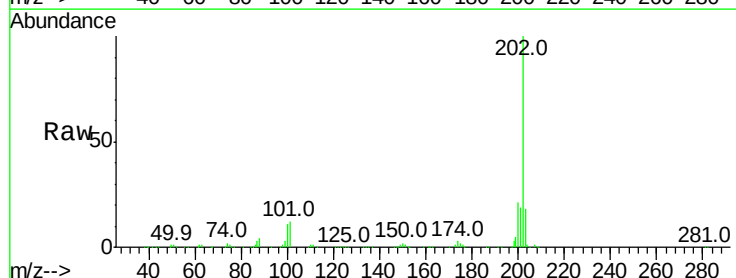
Tgt Ion:202 Resp: 265636

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

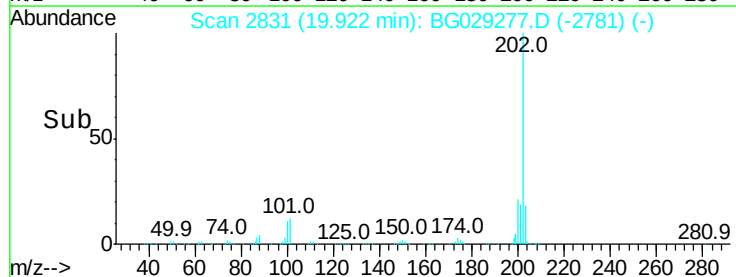
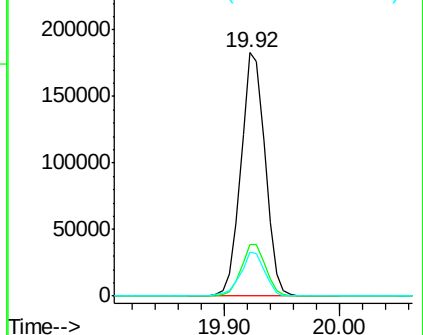
203 18.3 13.9 20.9

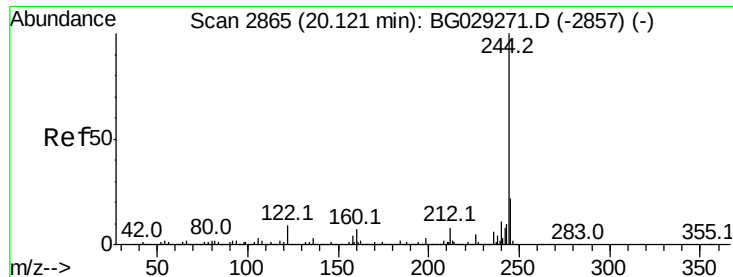


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 21.999 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

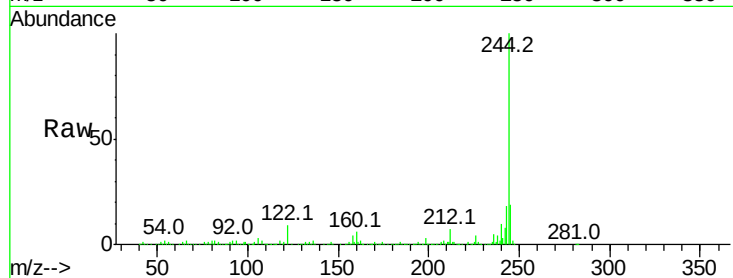
Tot Ion:244 Resp: 415989

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

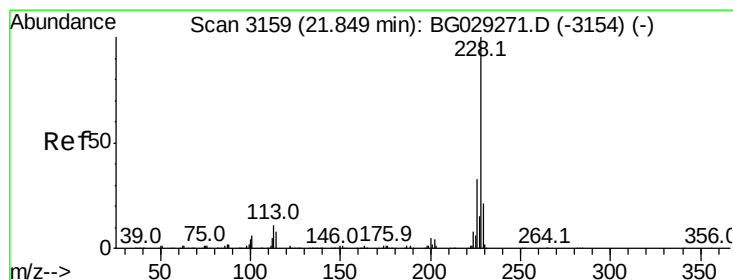
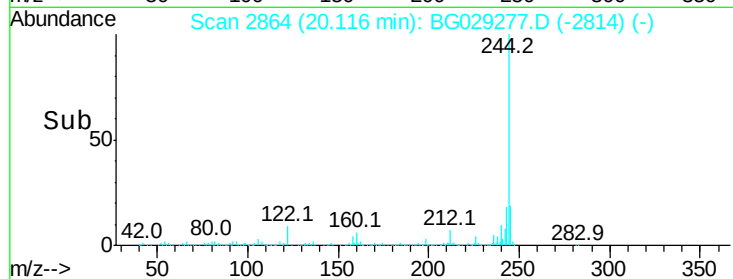
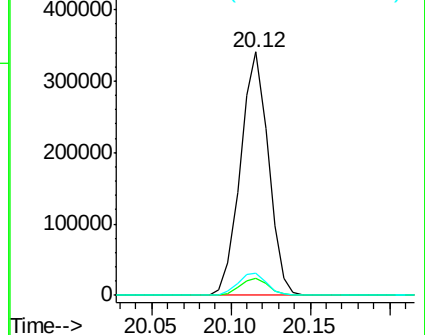
122 8.9 7.0 10.4



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



#82

Chrysene

Concen: 15.086 ng

RT: 21.84 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

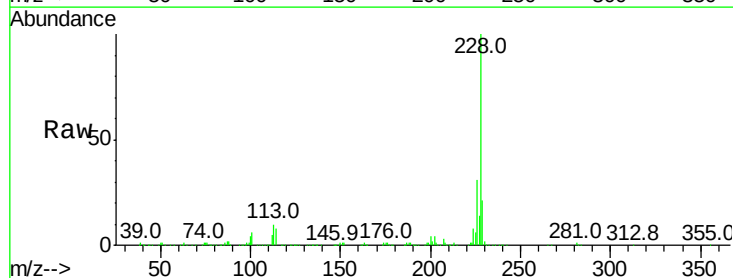
Tgt Ion:228 Resp: 364890

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

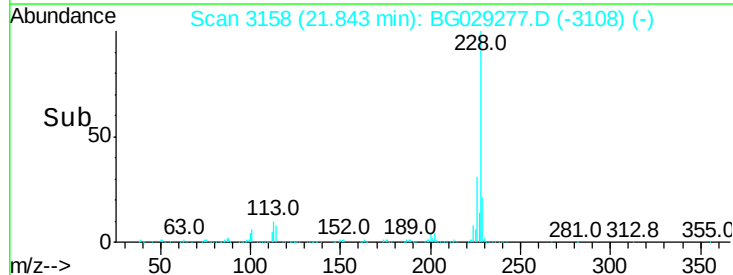
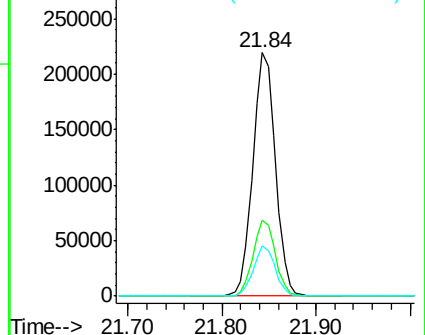
229 20.8 15.0 22.4

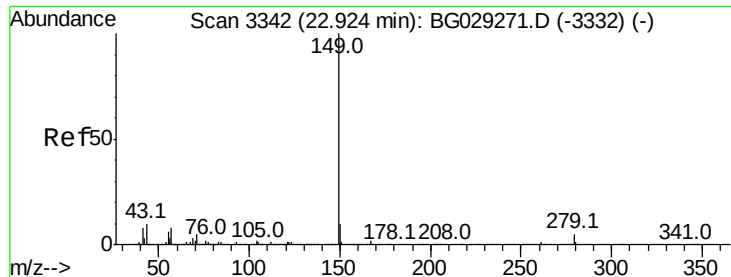


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

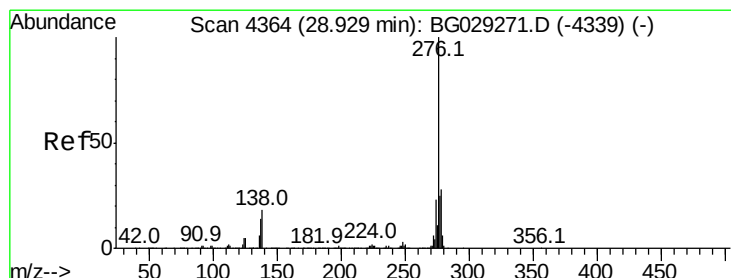
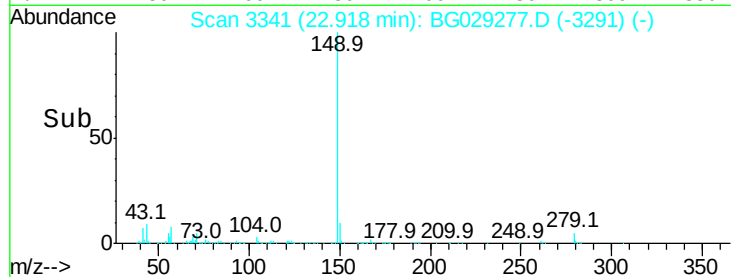
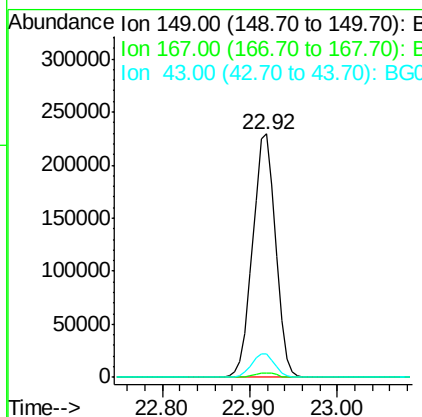
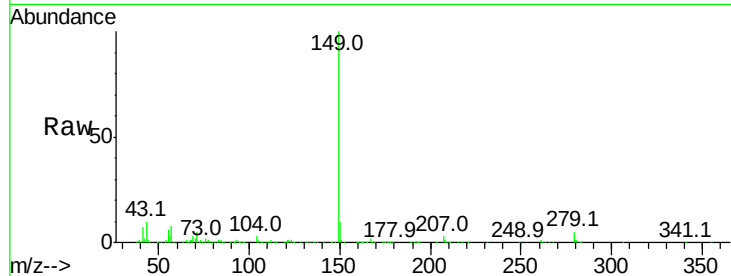




#84
Di-n-octyl phthalate
Concen: 14.691 ng
RT: 22.92 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

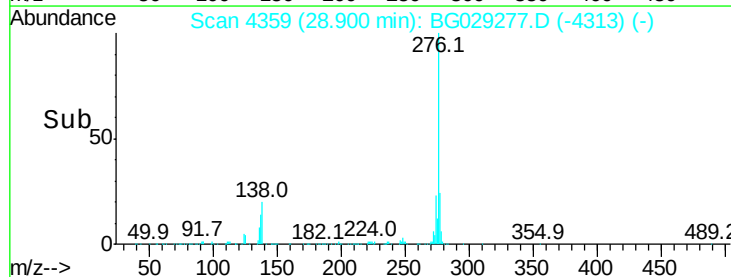
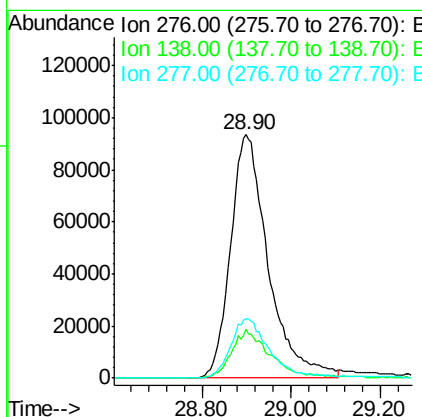
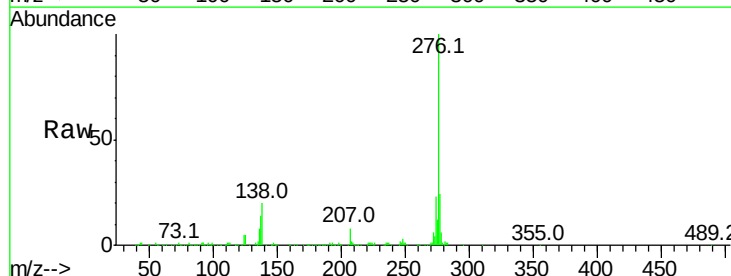
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

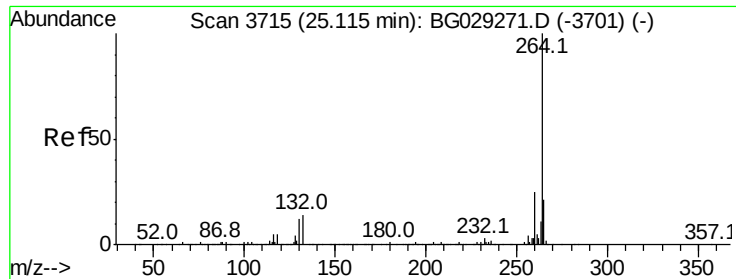
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.9	8.9	13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 18.472 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.03 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	24.6	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

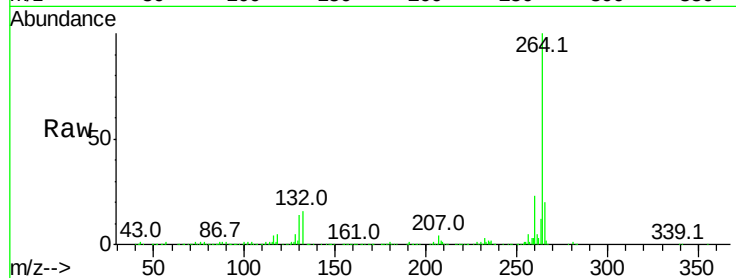
Tot Ion:264 Resp: 439976

Ion Ratio Lower Upper

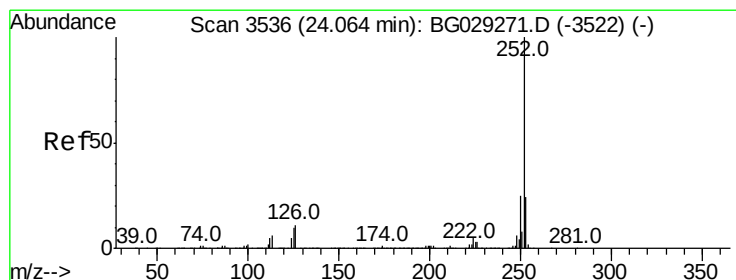
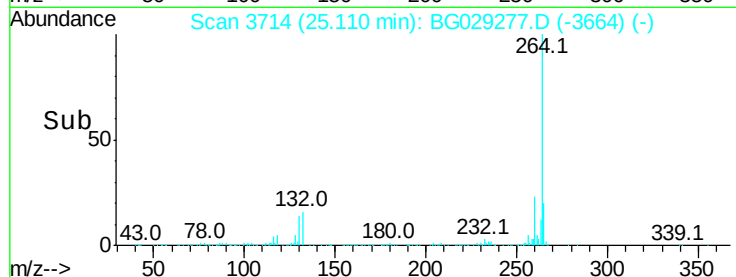
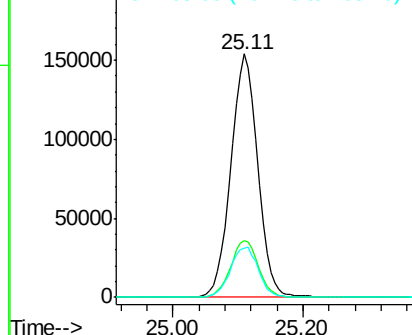
264 100

260 23.3 17.4 26.0

265 20.3 17.7 26.5



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: 29.666 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

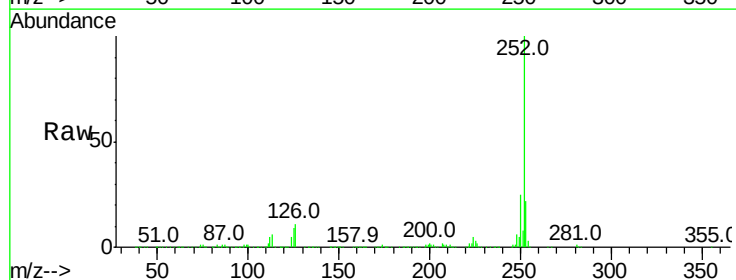
Tgt Ion:252 Resp: 747247

Ion Ratio Lower Upper

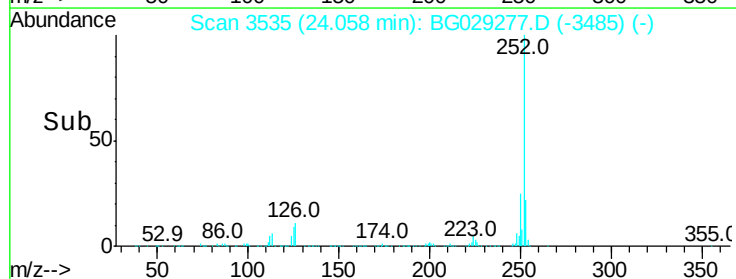
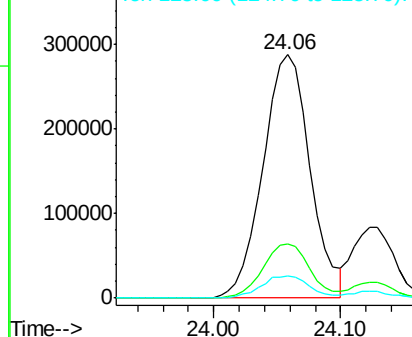
252 100

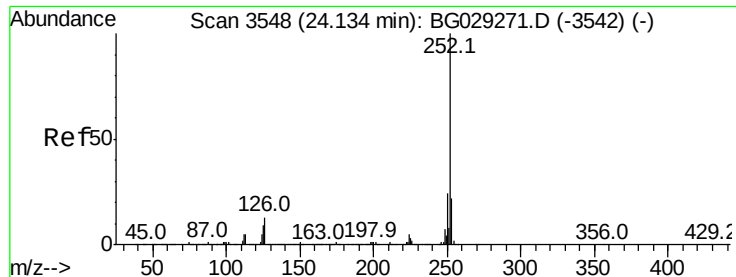
253 22.3 18.2 27.4

125 9.1 7.2 10.8



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

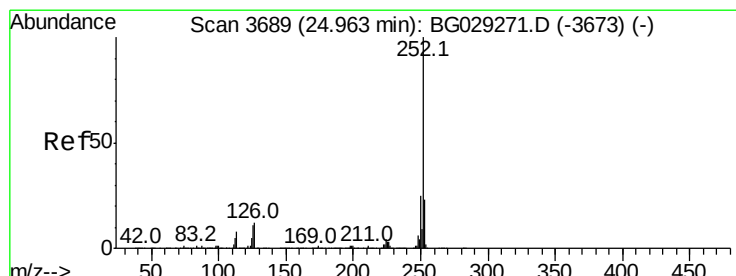
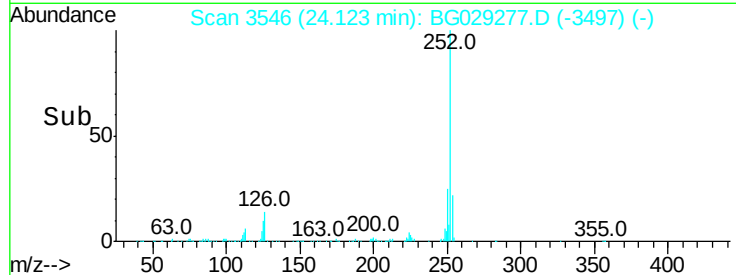
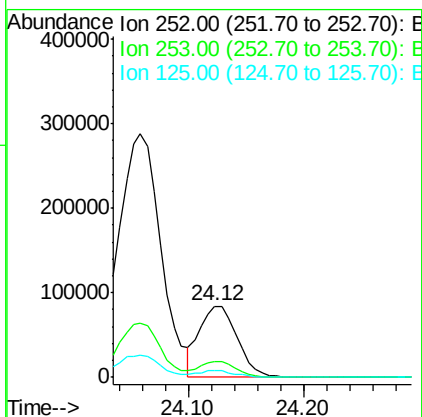
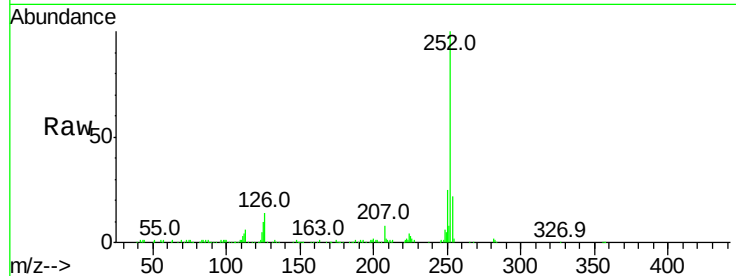




#88
Benzo(k)fluoranthene
Concen: 7.627 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

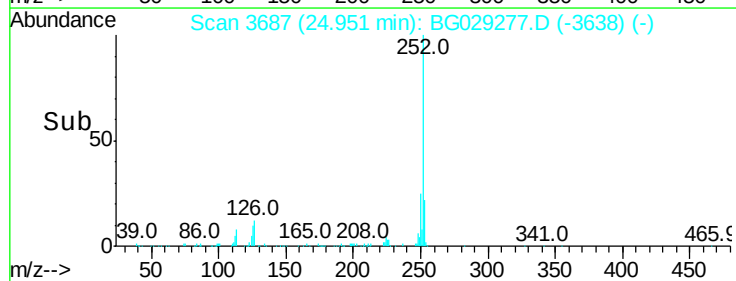
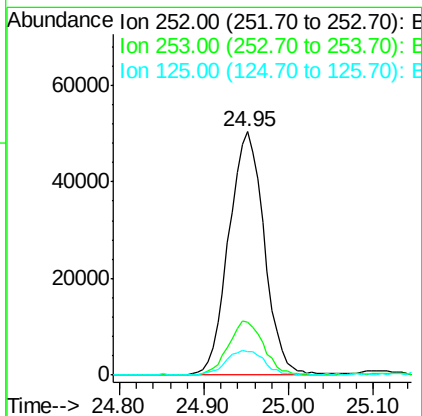
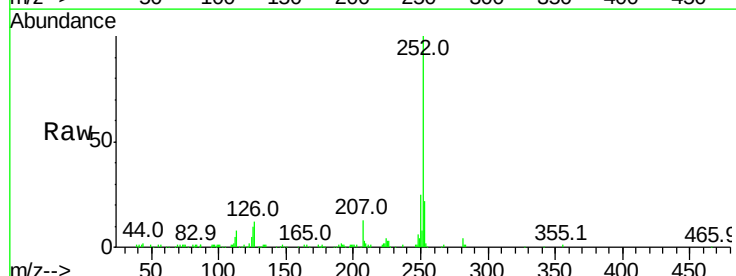
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

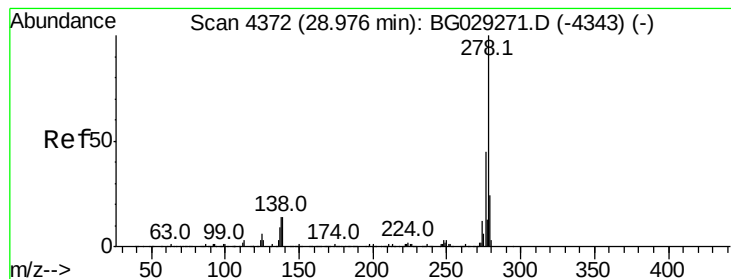
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.6	6.6	9.8



#89
Benzo(a)pyrene
Concen: 6.049 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029277.D
Acq: 16 Oct 2017 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	9.6	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 7.029 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

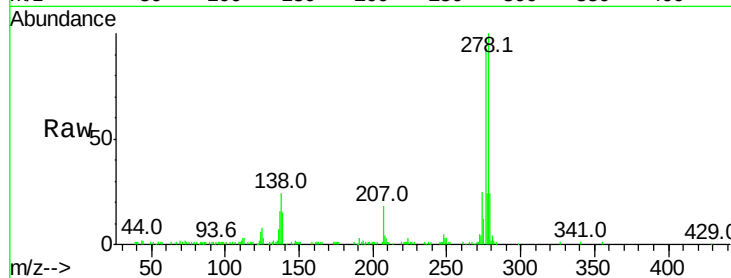
Tot Ion:278 Resp: 172311

Ion Ratio Lower Upper

278 100

139 14.6 9.8 14.6

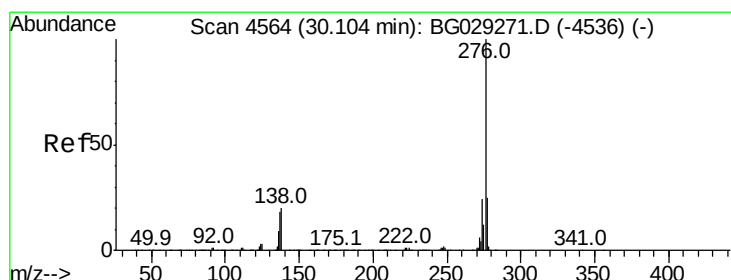
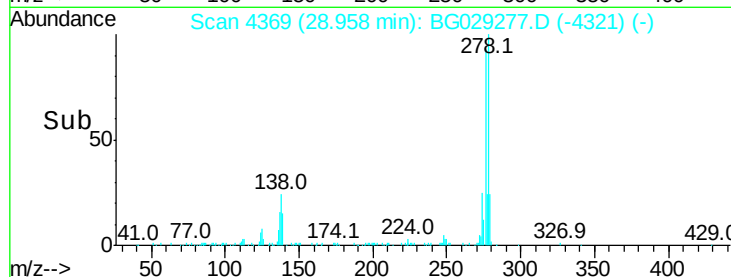
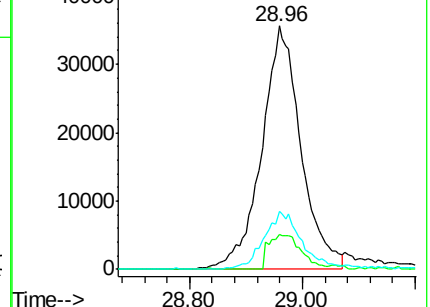
279 23.6 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.034 ng

RT: 30.09 min Scan# 4562

Delta R.T. -0.01 min

Lab File: BG029277.D

Acq: 16 Oct 2017 17:23

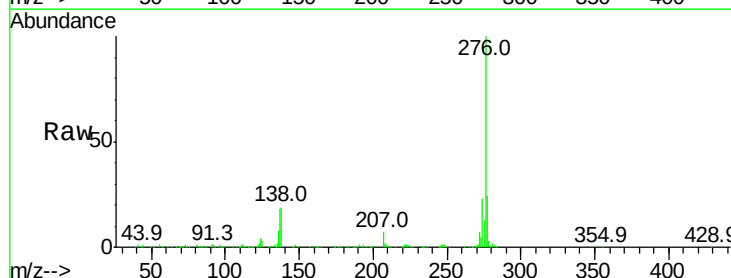
Tgt Ion:276 Resp: 593025

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 19.0 13.9 20.9



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

