

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029276.D
 Acq On : 16 Oct 2017 16:43
 Operator : SJ/JU
 Sample : I5266-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 16 17:35:20 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	64486	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	303804	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	190293	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	436149	20.00	ng	0.00
75) Chrysene-d12	21.80	240	458925	20.00	ng	0.00
86) Perylene-d12	25.12	264	469056	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	573736	148.63	ng	0.00
7) Phenol-d6	7.33	99	798652	147.40	ng	0.00
23) Nitrobenzene-d5	9.34	82	483245	101.08	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	377738	153.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1296413	99.92	ng	0.00
78) Terphenyl-d14	20.12	244	1896188	94.00	ng	0.00

Target Compounds

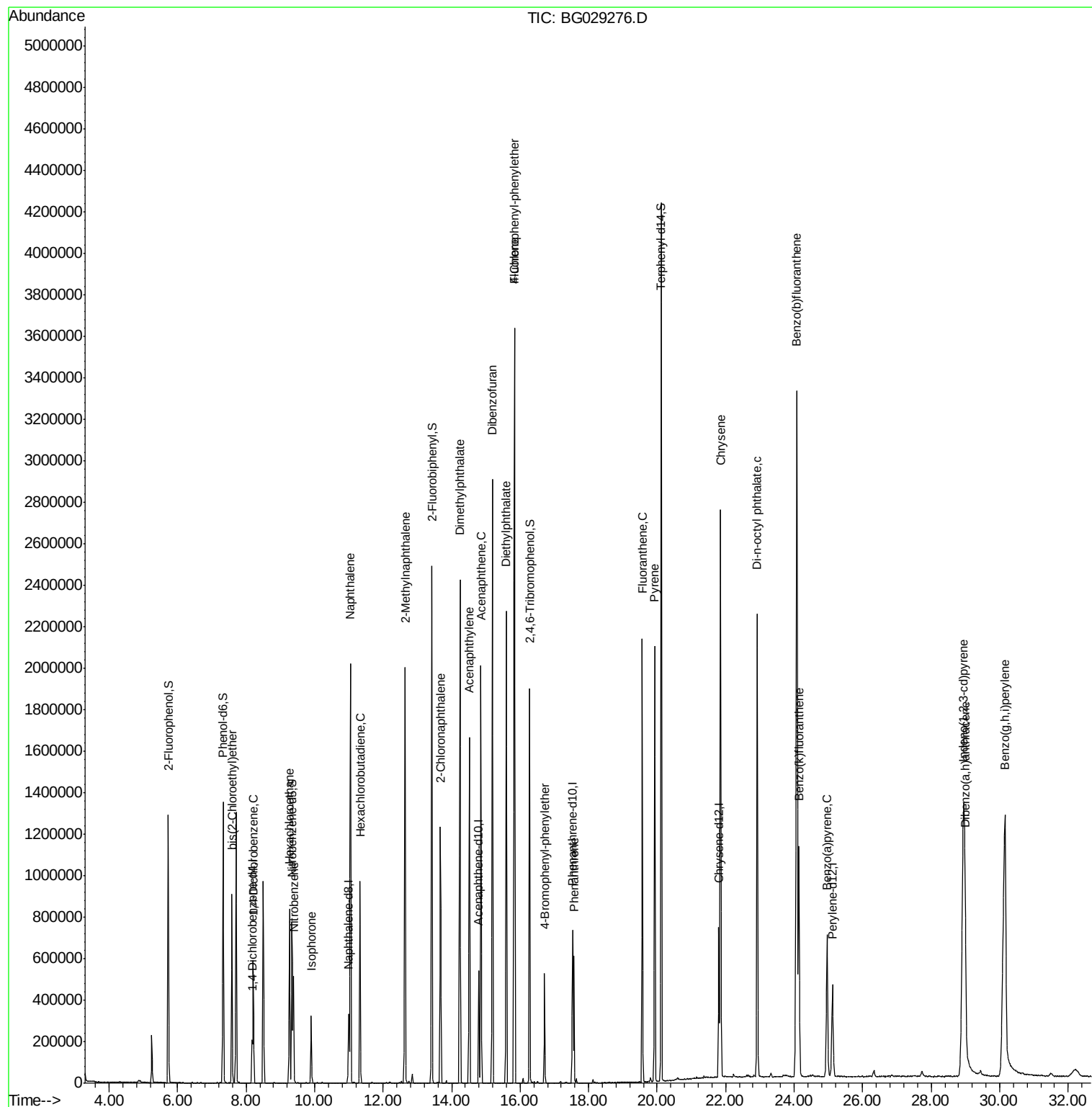
						Qvalue
11) bis(2-Chloroethyl)ether	7.59	93	507518	119.248	ng	92
13) 1,4-Dichlorobenzene	8.21	146	252658	49.817	ng	96
18) Hexachloroethane	9.27	117	165090	95.518	ng	98
24) Nitrobenzene	9.38	77	293608	54.622	ng	94
25) Isophorone	9.90	82	240179	24.065	ng	95
31) Naphthalene	11.05	128	1745693	115.296	ng	98
34) Hexachlorobutadiene	11.32	225	235557	70.749	ng	96
37) 2-Methylnaphthalene	12.64	142	1014944	91.974	ng	92
46) 2-Chloronaphthalene	13.67	162	650062	54.487	ng	98
48) Acenaphthylene	14.52	152	1249748	66.932	ng	97
49) Dimethylphthalate	14.24	163	1729629	116.495	ng	# 97
51) Acenaphthene	14.85	154	770844	63.451	ng	98
54) Dibenzofuran	15.19	168	1994216	114.987	ng	94
57) Fluorene	15.84	166	1348150	94.099	ng	98
59) Diethylphthalate	15.59	149	1265025	85.494	ng	97
60) 4-Chlorophenyl-phenylether	15.82	204	601286	78.716	ng	96
66) 4-Bromophenyl-phenylether	16.71	248	113614	22.701	ng	98
70) Phenanthrene	17.57	178	390864	17.347	ng	99
74) Fluoranthene	19.57	202	1346463	51.092	ng	95
77) Pyrene	19.93	202	1309453	47.036	ng	96
82) Chrysene	21.85	228	1766294	68.450	ng	94
84) Di-n-octyl phthalate	22.92	149	2008854	67.715	ng	99
85) Indeno(1,2,3-cd)pyrene	28.94	276	2952833	93.015	ng	99
87) Benzo(b)fluoranthene	24.08	252	3487838	129.883	ng	95
88) Benzo(k)fluoranthene	24.14	252	1023787	38.268	ng	98
89) Benzo(a)pyrene	24.96	252	777988	30.136	ng	98
90) Dibenzo(a,h)anthracene	29.00	278	978774	37.449	ng	98
91) Benzo(g,h,i)perylene	30.16	276	3144109	129.472	ng	95

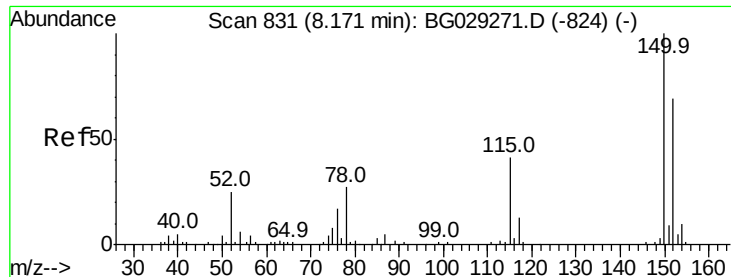
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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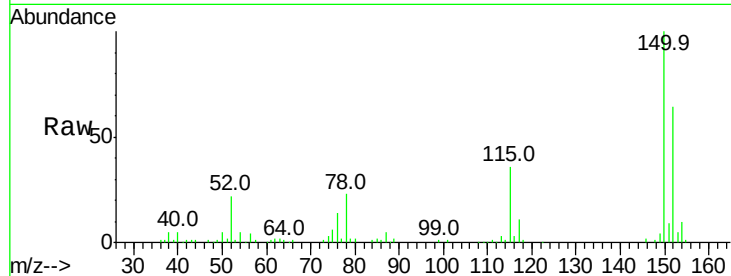


#1

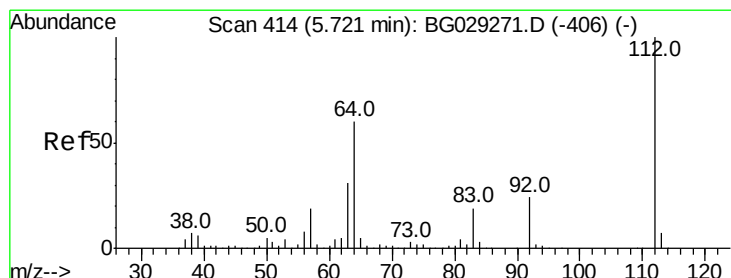
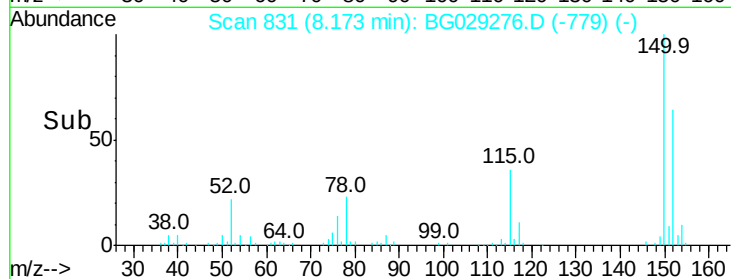
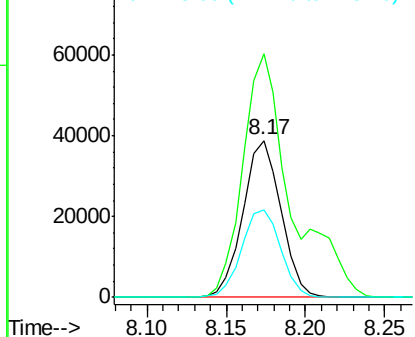
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:152 Resp: 64486
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 55.9 53.0 79.4



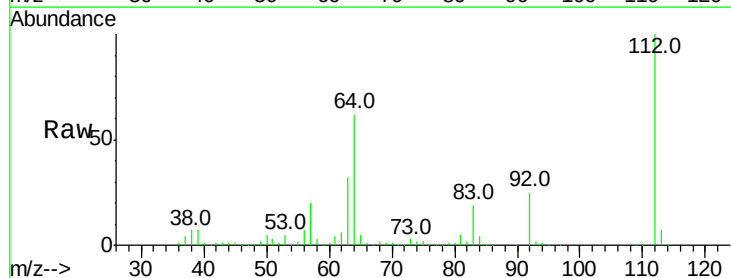
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



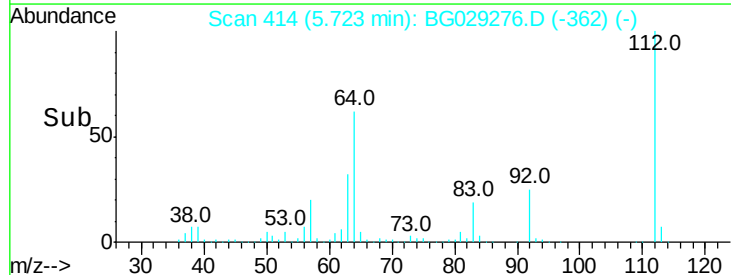
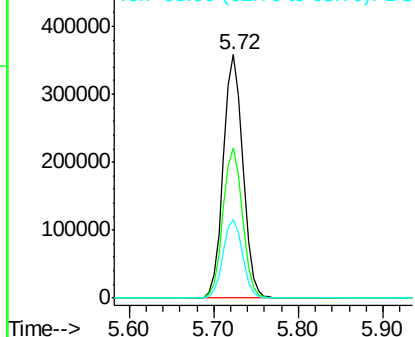
#5

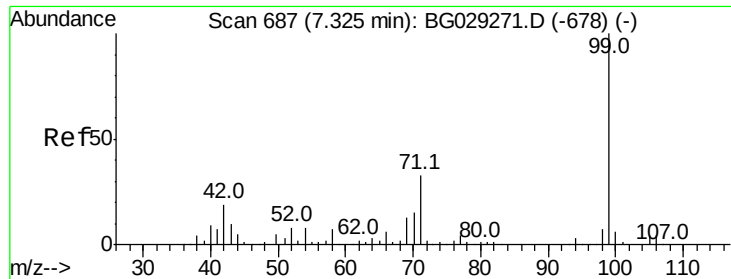
2-Fluorophenol
Concen: 148.630 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion:112 Resp: 573736
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 147.398 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

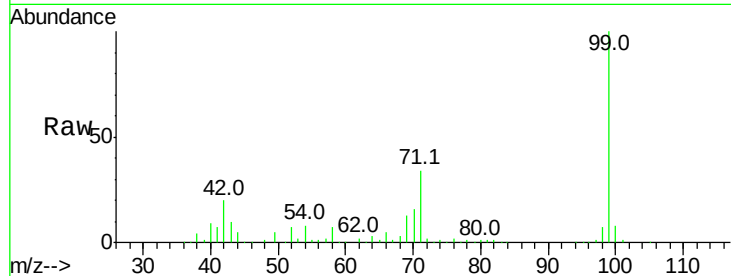
Tot Ion: 99 Resp: 798652

Ion Ratio Lower Upper

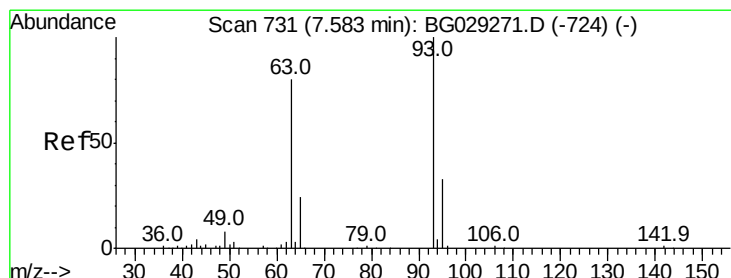
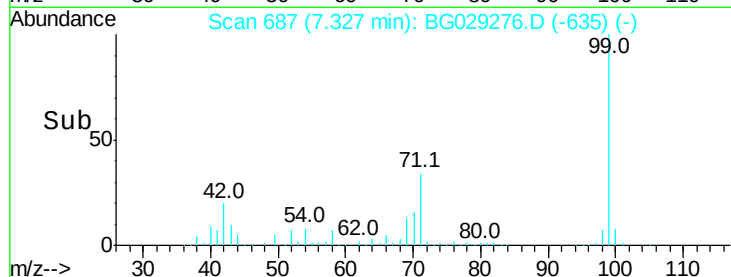
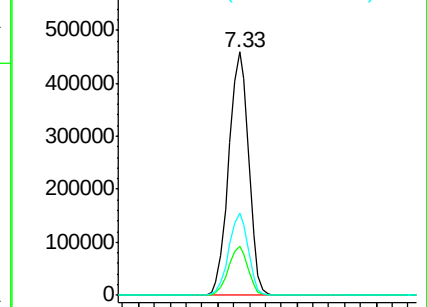
99 100

42 20.1 14.1 21.1

71 33.8 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: 119.248 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

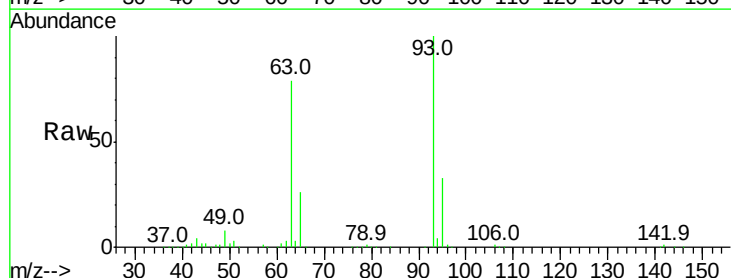
Tgt Ion: 93 Resp: 507518

Ion Ratio Lower Upper

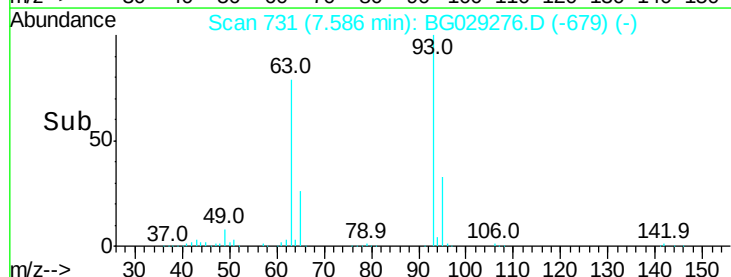
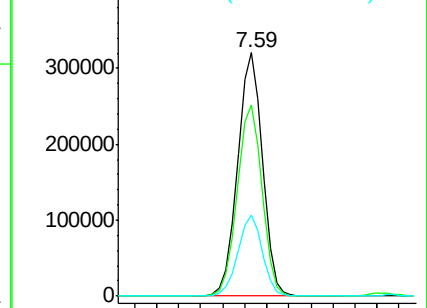
93 100

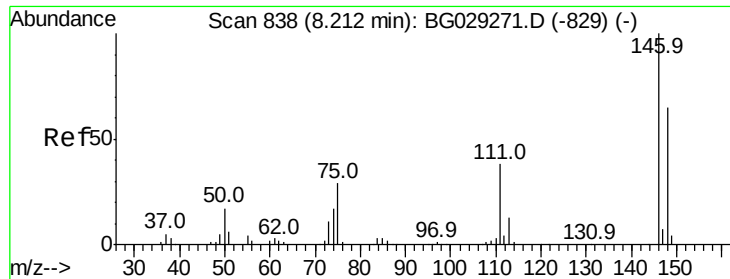
63 78.7 67.1 107.1

95 33.3 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

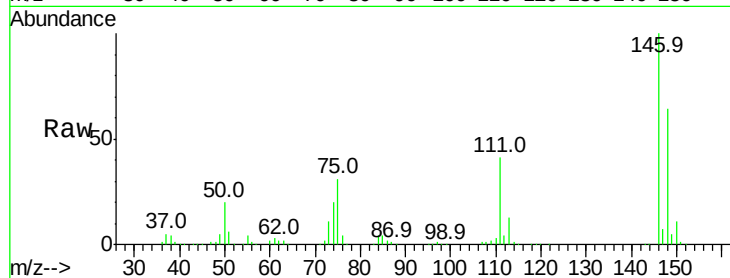




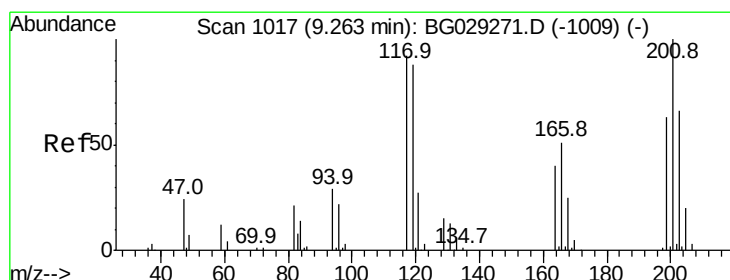
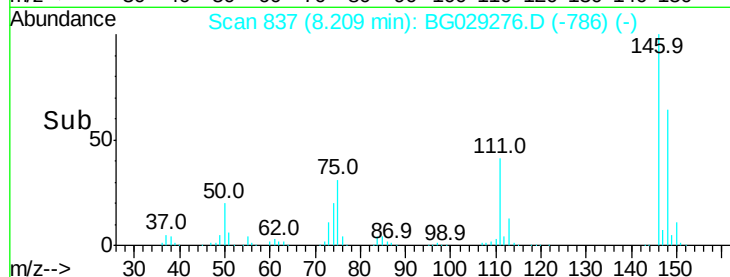
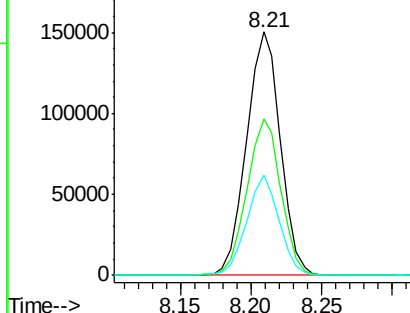
#13
 1,4-Dichlorobenzene
 Concen: 49.817 ng
 RT: 8.21 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:146 Resp: 252658
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.7 80.5
 111 41.1 35.2 52.8

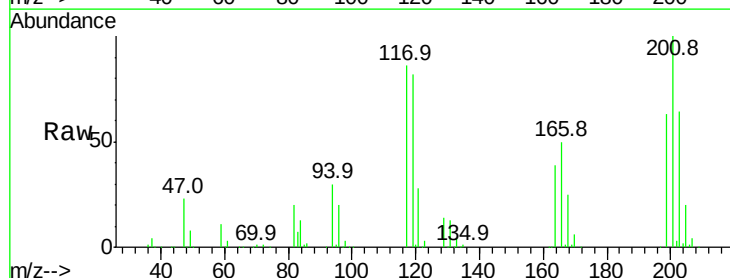


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

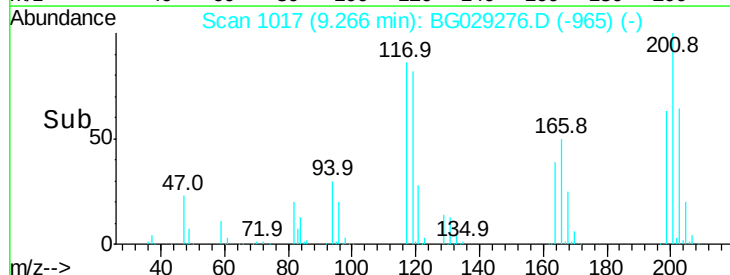
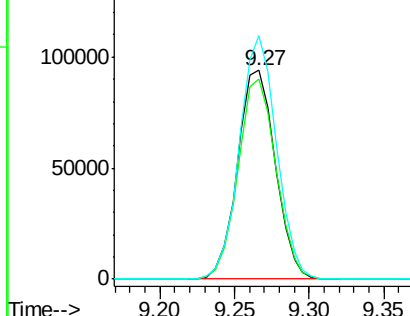


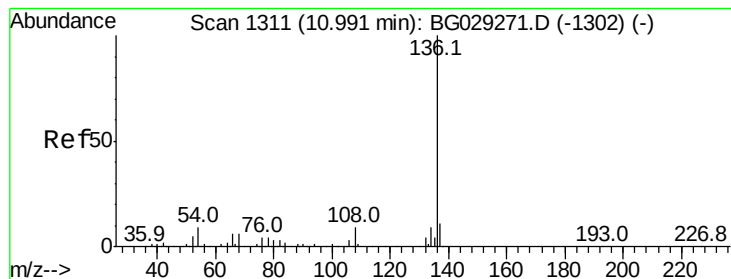
#18
 Hexachloroethane
 Concen: 95.518 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

Tgt Ion:117 Resp: 165090
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.7 115.1
 201 116.8 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# 1311

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion:136 Resp: 303804

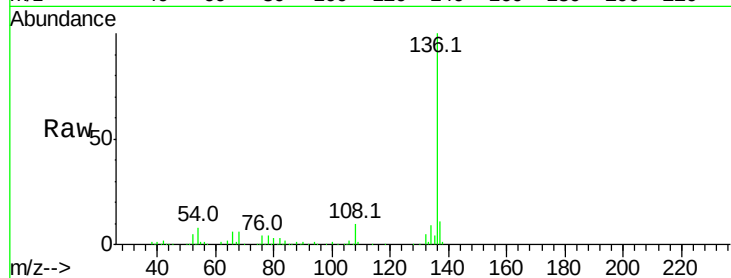
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.3 10.3 15.5#

68 5.8 4.5 6.7

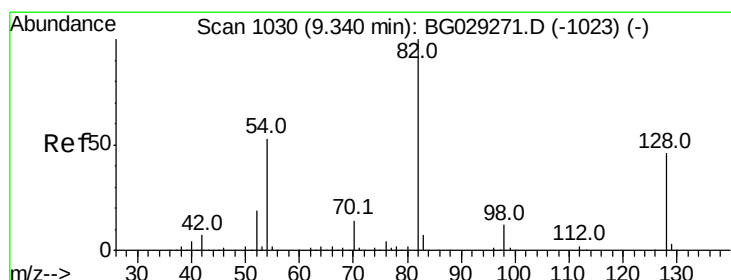
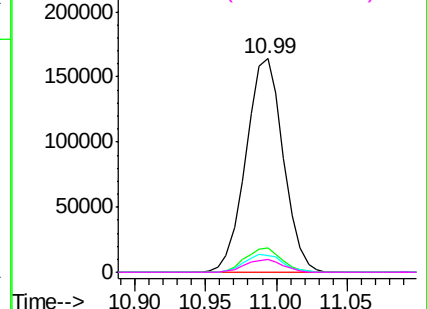
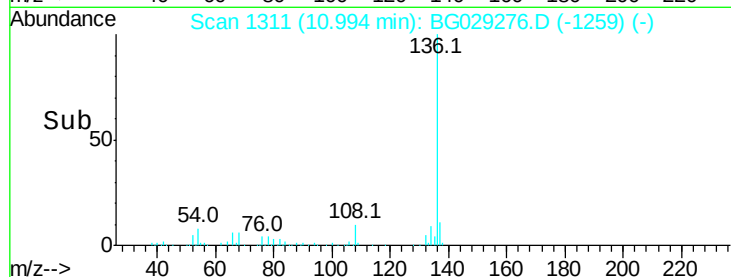


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 101.081 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

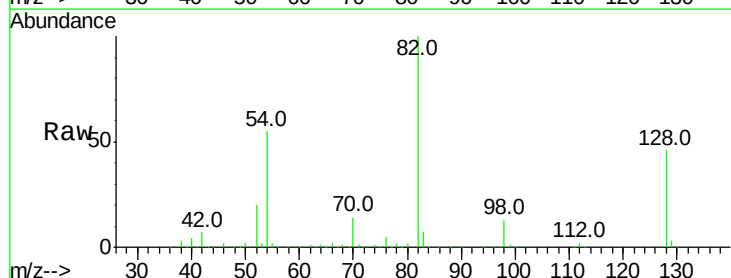
Tgt Ion: 82 Resp: 483245

Ion Ratio Lower Upper

82 100

128 45.9 29.7 44.5#

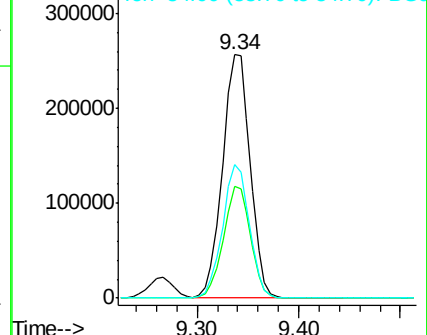
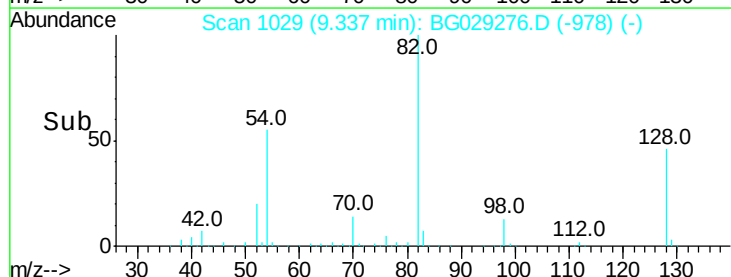
54 54.8 43.1 64.7

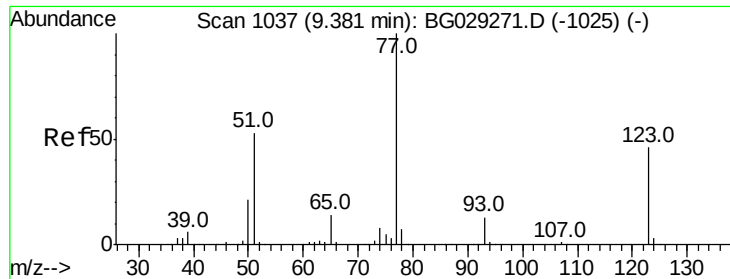


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

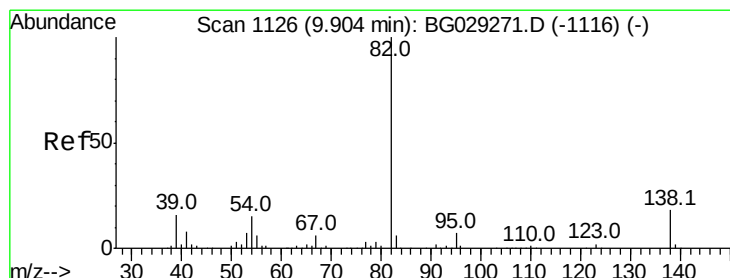
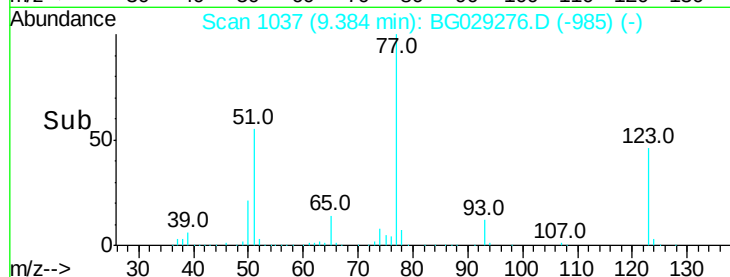
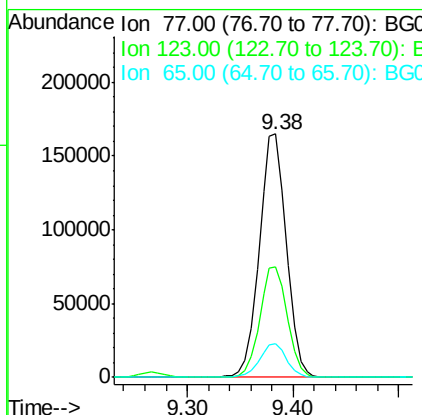
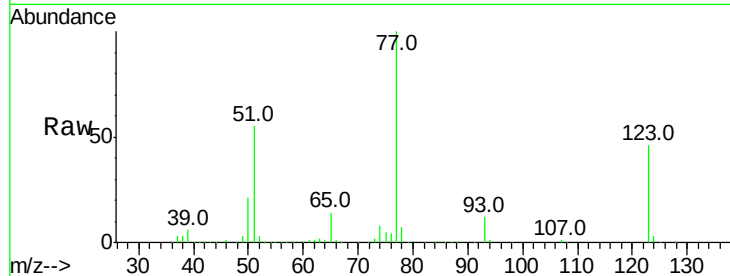




#24
 Nitrobenzene
 Concen: 54.622 ng
 RT: 9.38 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

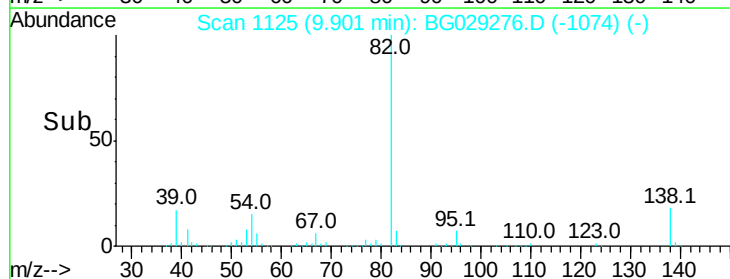
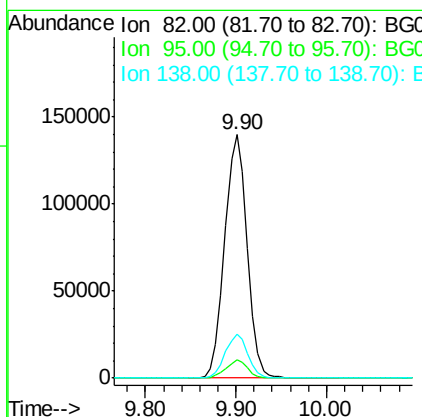
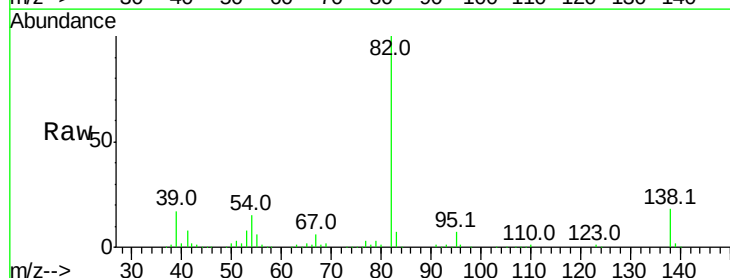
Instrument :
 BNA_G
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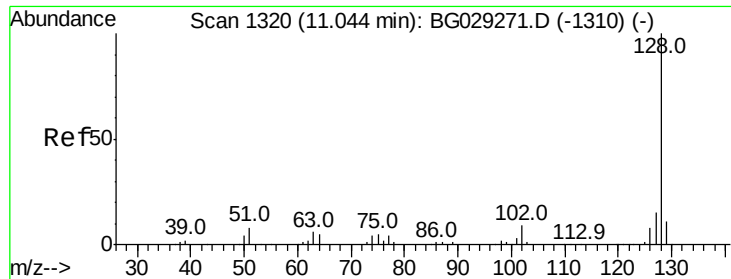
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	14.1	13.0	19.6



#25
 Isophorone
 Concen: 24.065 ng
 RT: 9.90 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	17.9	12.1	18.1

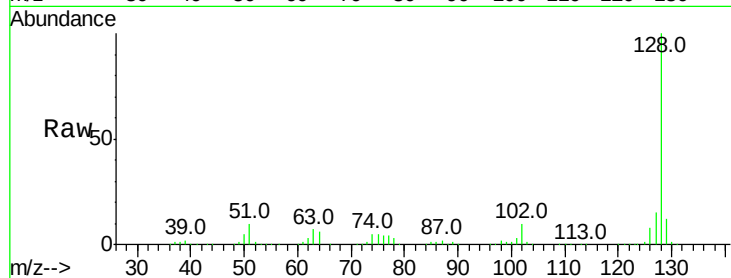




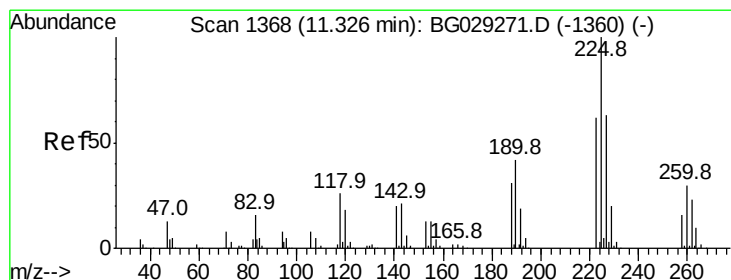
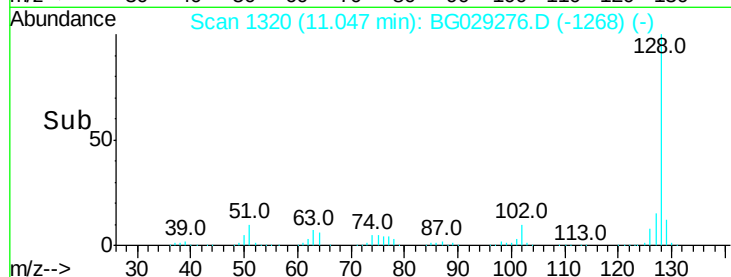
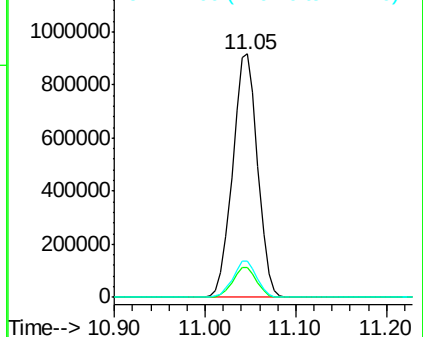
#31
Naphthalene
Concen: 115.296 ng
RT: 11.05 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:128 Resp: 1745693
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 14.9 11.6 17.4

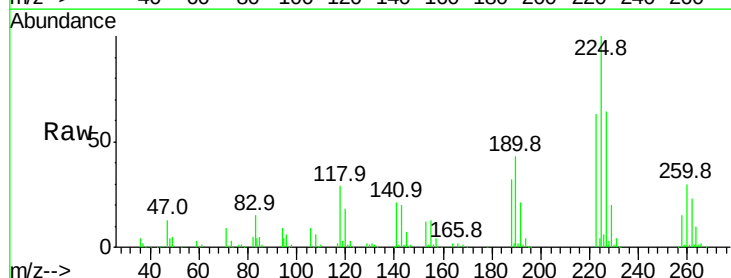


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

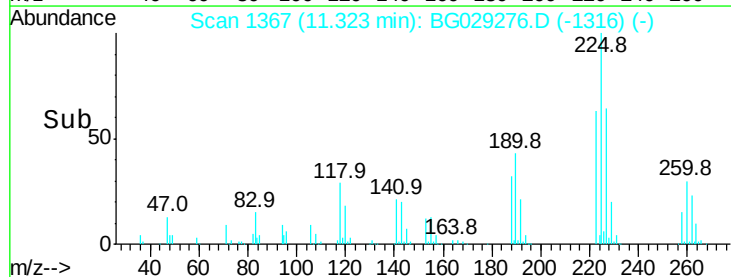
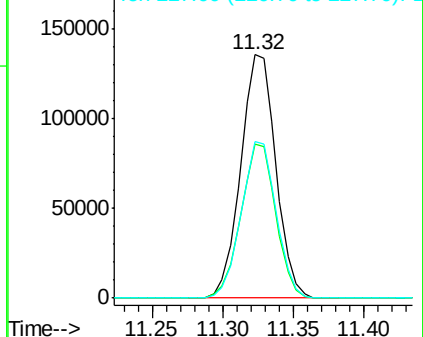


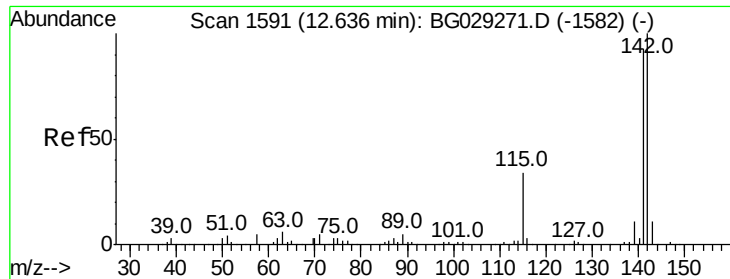
#34
Hexachlorobutadiene
Concen: 70.749 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion:225 Resp: 235557
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 64.4 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

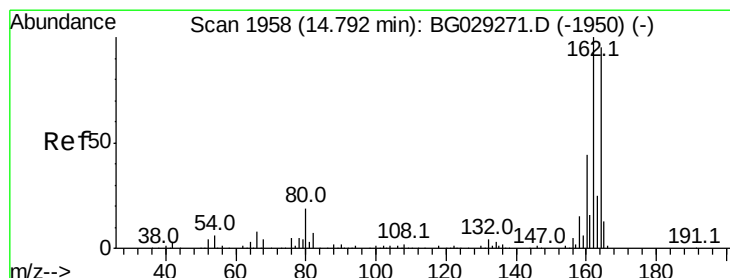
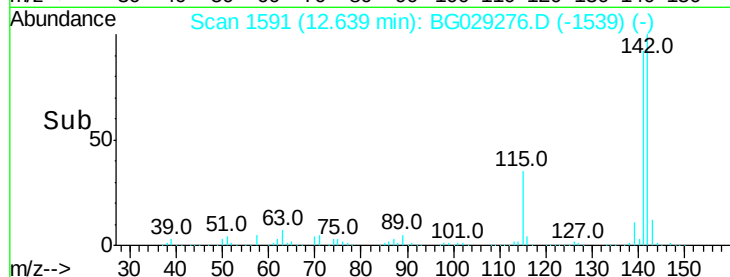
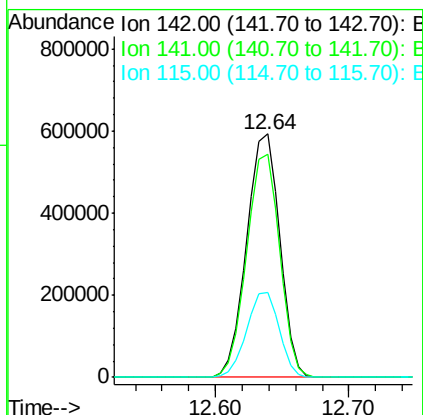
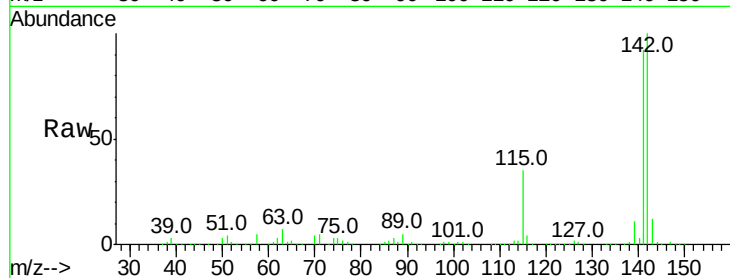




#37
2-Methylnaphthalene
Concen: 91.974 ng
RT: 12.64 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

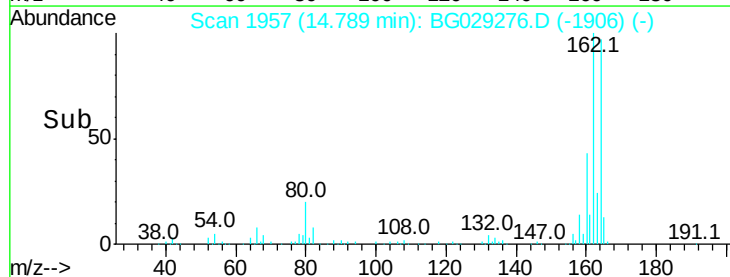
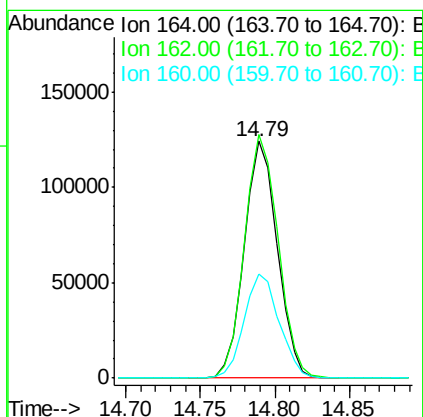
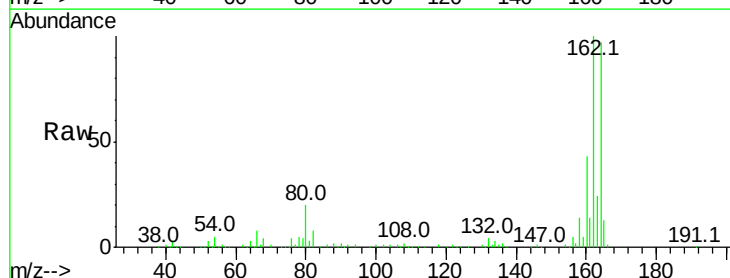
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

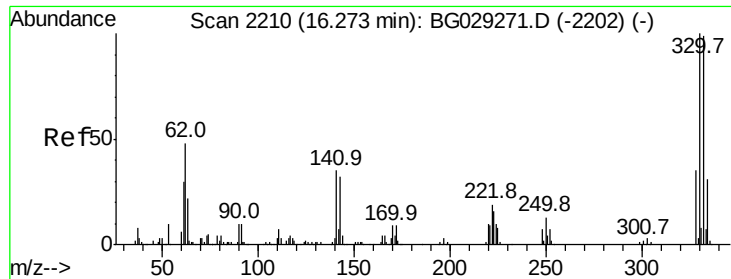
Tot Ion:142 Resp: 1014944
Ion Ratio Lower Upper
142 100
141 91.7 67.1 100.7
115 34.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion:164 Resp: 190293
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 153.747 ng

RT: 16.28 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

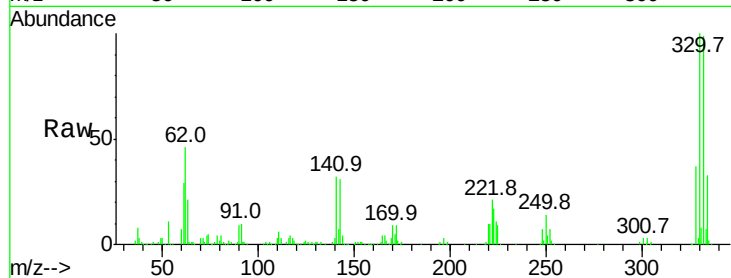
Tot Ion:330 Resp: 377738

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

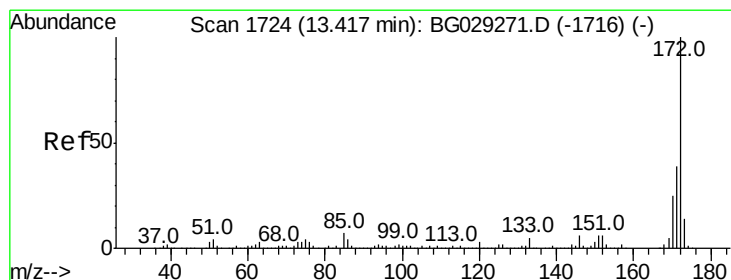
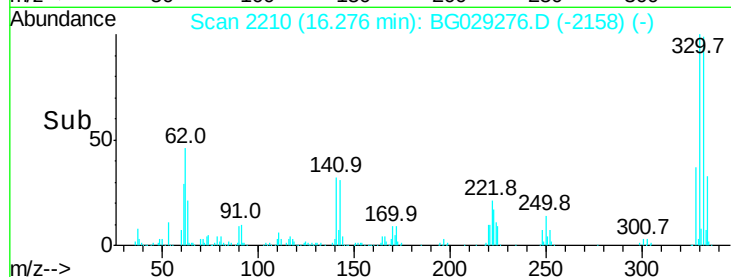
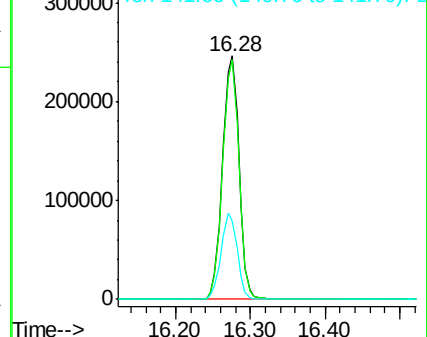
141 34.4 25.2 37.8



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: 99.919 ng

RT: 13.42 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

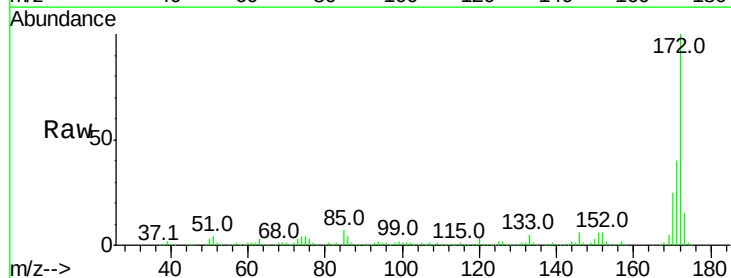
Tgt Ion:172 Resp: 1296413

Ion Ratio Lower Upper

172 100

171 40.1 30.0 45.0

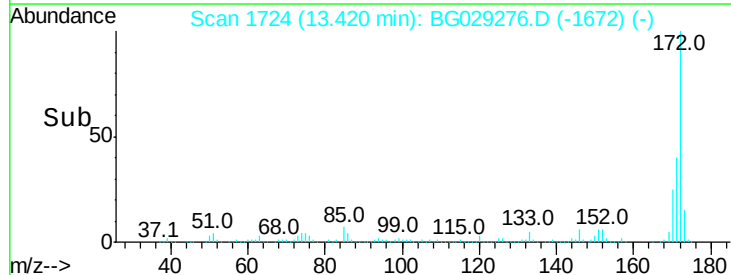
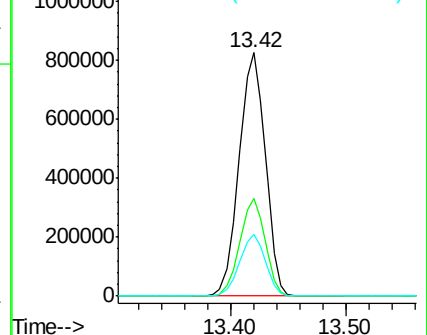
170 25.5 19.5 29.3

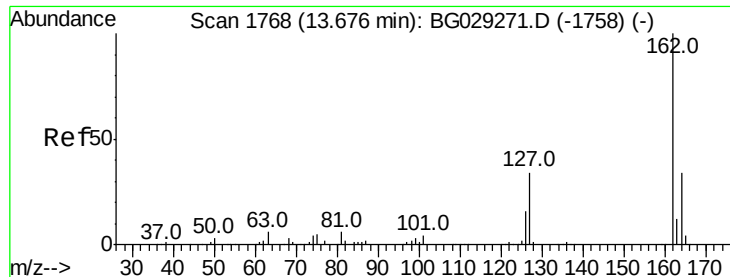


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

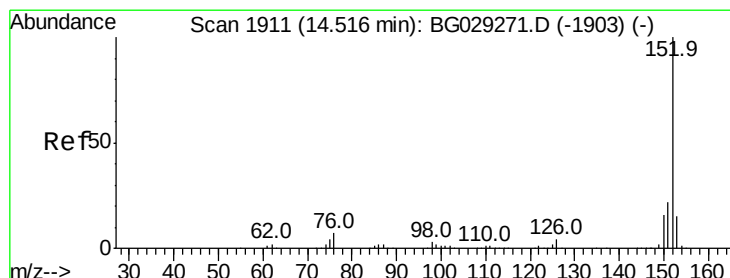
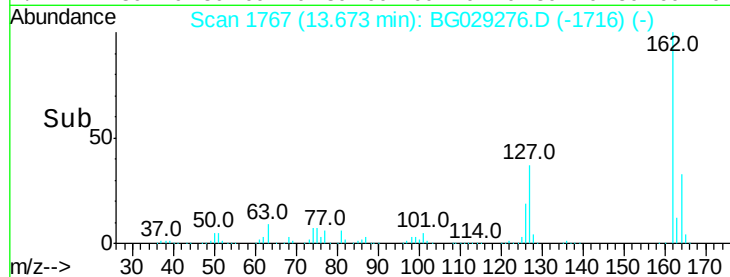
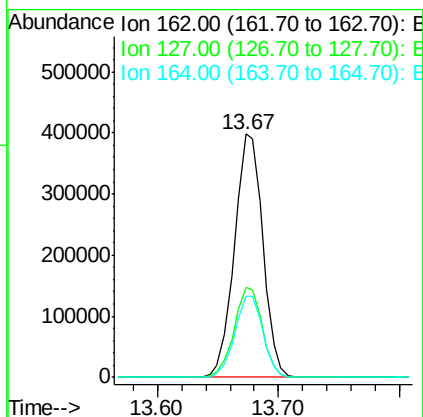
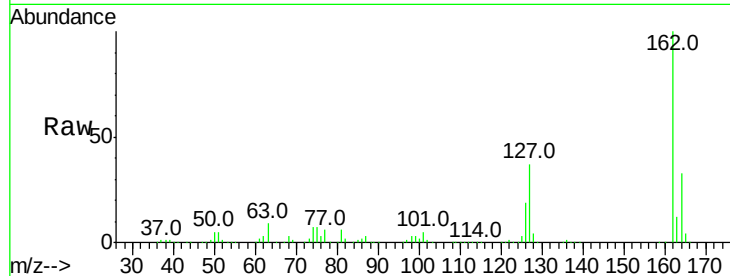




#46
2-Chloronaphthalene
Concen: 54.487 ng
RT: 13.67 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

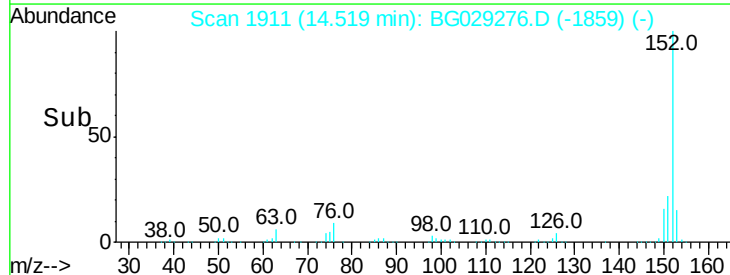
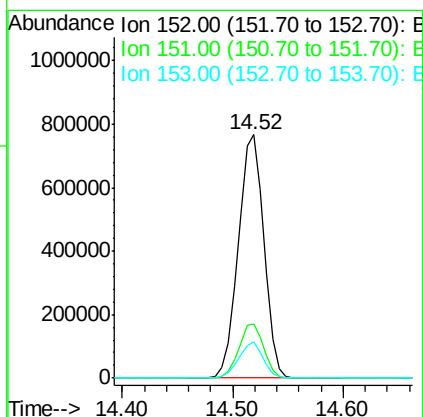
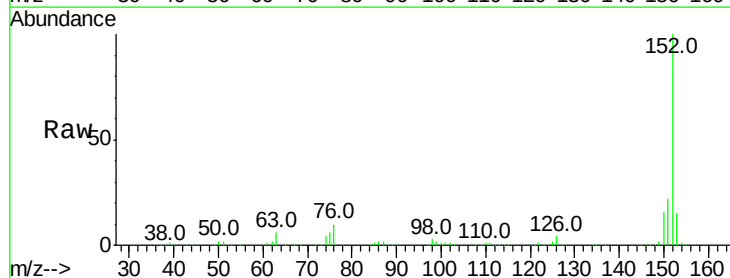
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

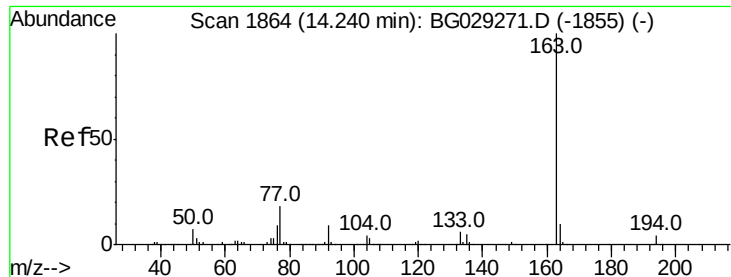
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	33.5	26.0	39.0



#48
Acenaphthylene
Concen: 66.932 ng
RT: 14.52 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.2	25.8
153	14.7	10.2	15.4





#49

Dimethylphthalate

Concen: 116.495 ng

RT: 14.24 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

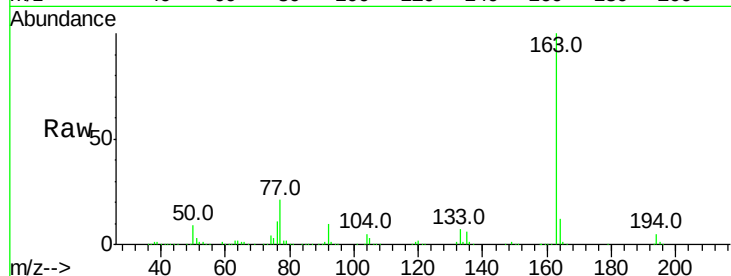
Tot Ion:163 Resp: 1729629

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

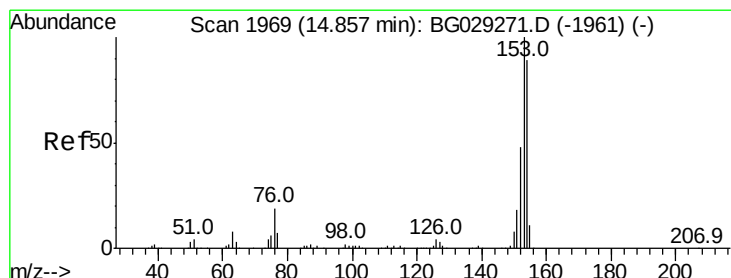
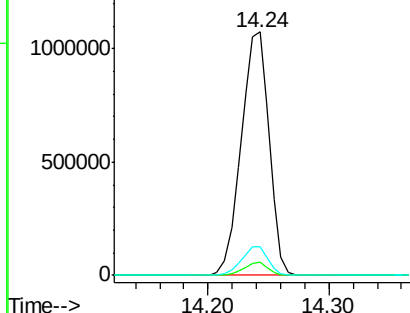
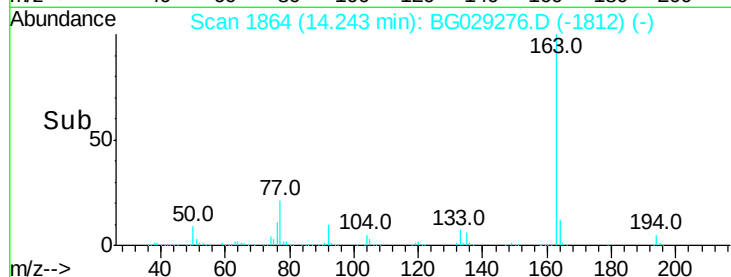
164 11.6 8.2 12.4



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: 63.451 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

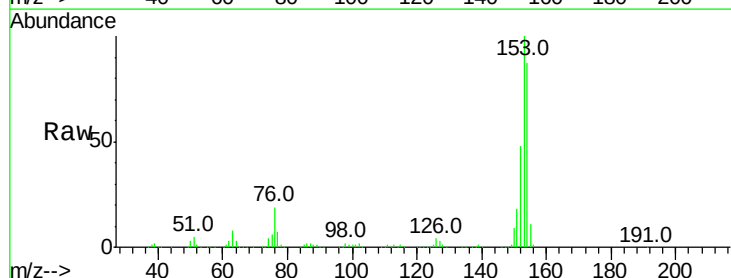
Tgt Ion:154 Resp: 770844

Ion Ratio Lower Upper

154 100

153 114.8 90.4 135.6

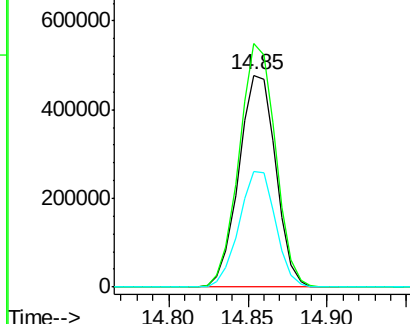
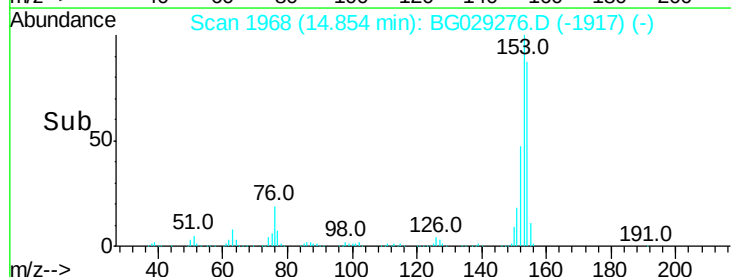
152 54.8 41.6 62.4

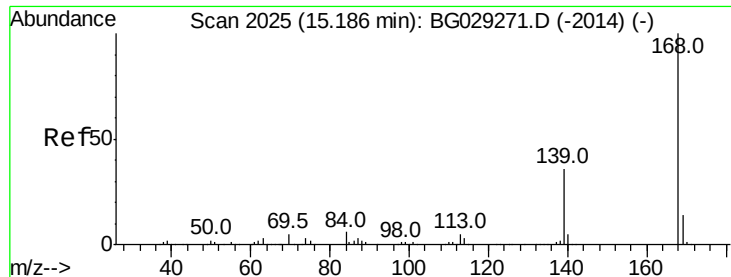


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 114.987 ng

RT: 15.19 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

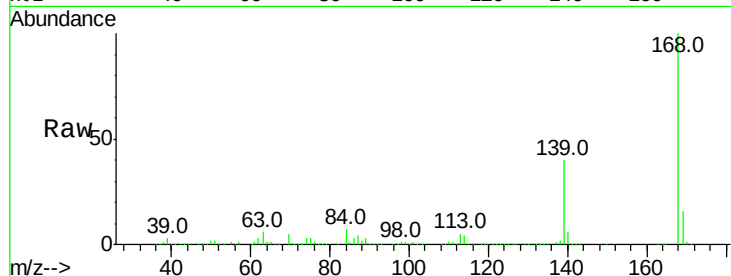
Tot Ion:168 Resp: 1994216

Ion	Ratio	Lower	Upper
168	100		
139	39.7	28.6	43.0
169	15.9	11.2	16.8

168 100

139 39.7 28.6 43.0

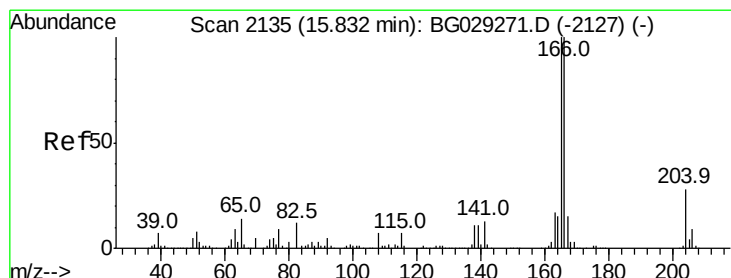
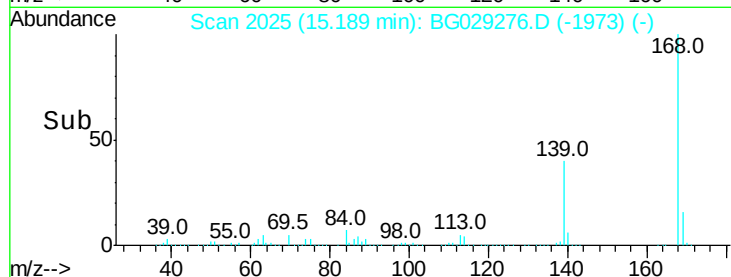
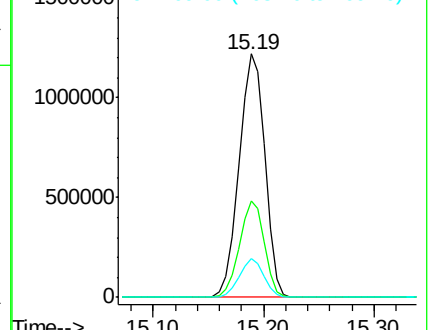
169 15.9 11.2 16.8



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: 94.099 ng

RT: 15.84 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

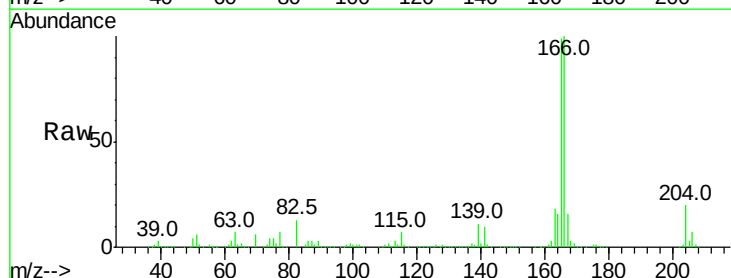
Tgt Ion:166 Resp: 1348150

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.6	121.0
167	15.5	10.4	15.6

166 100

165 99.3 80.6 121.0

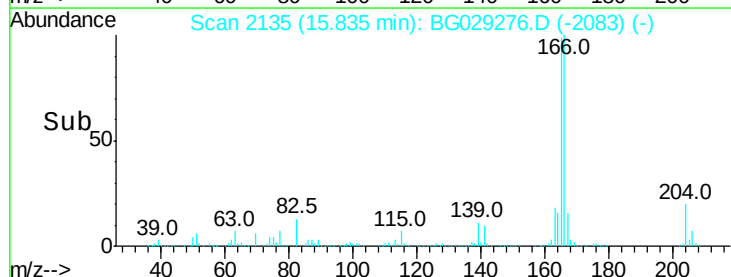
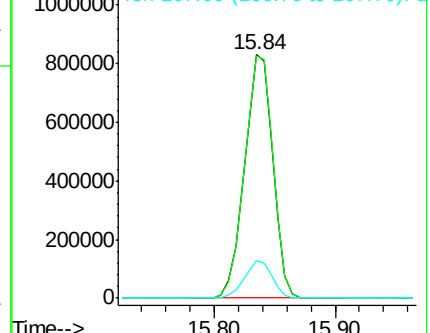
167 15.5 10.4 15.6

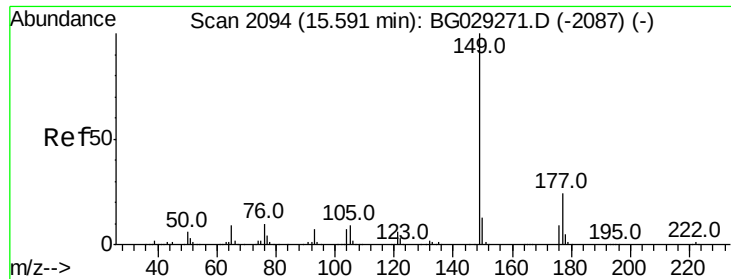


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

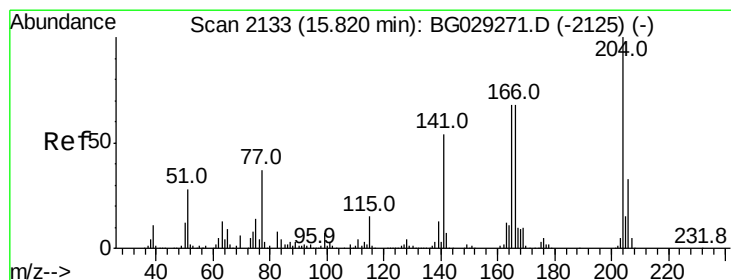
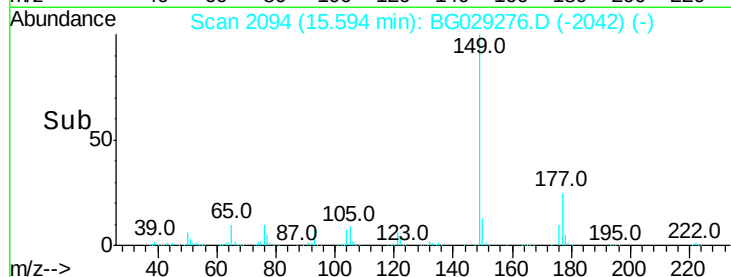
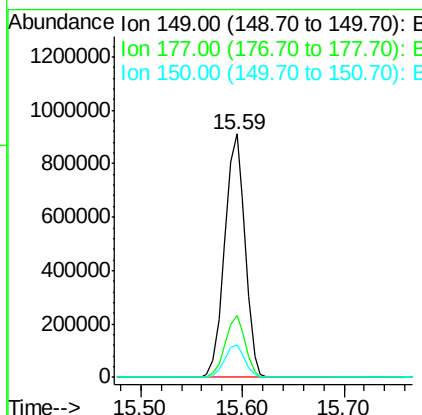
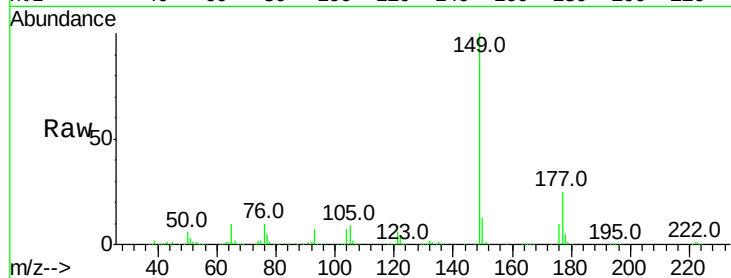




#59
 Diethylphthalate
 Concen: 85.494 ng
 RT: 15.59 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

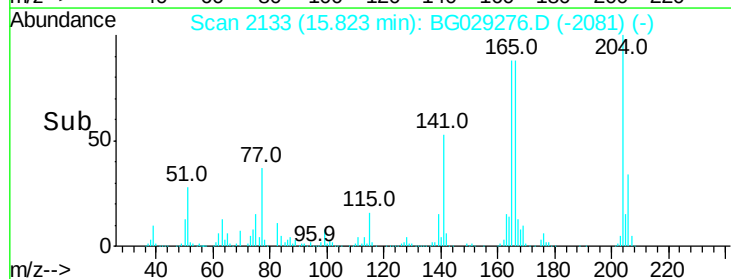
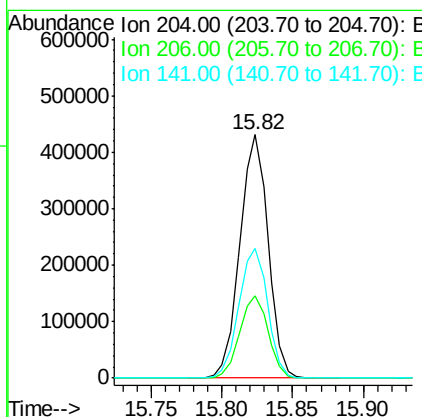
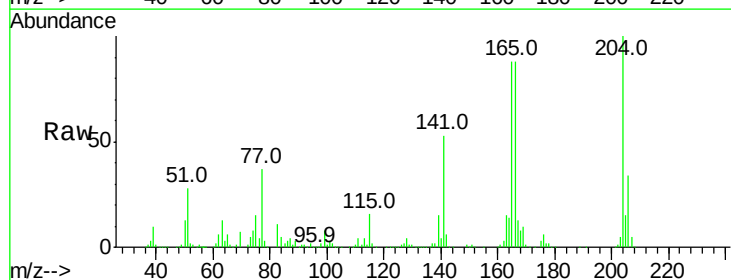
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

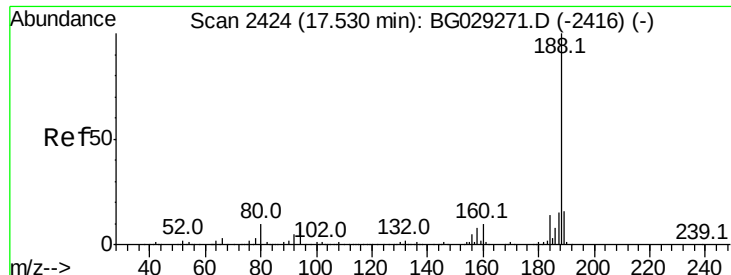
Tot Ion:	149	Resp:	1265025
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	13.5	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 78.716 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

Tgt Ion:	204	Resp:	601286
Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	53.4	45.8	68.6

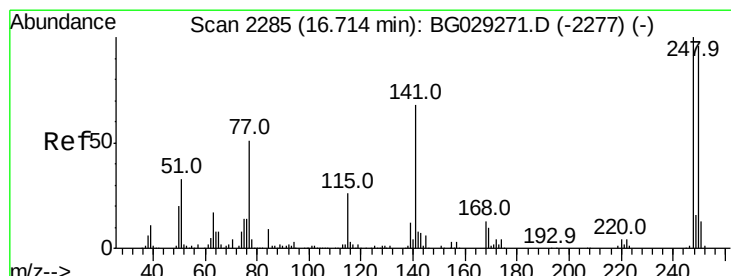
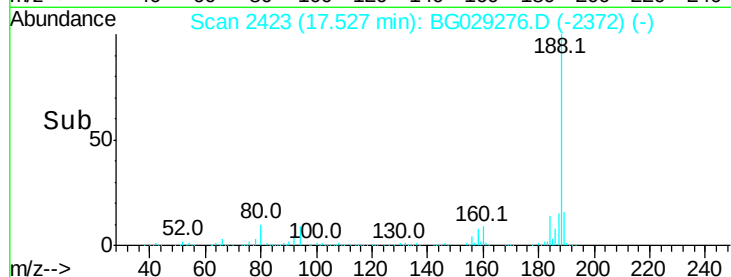
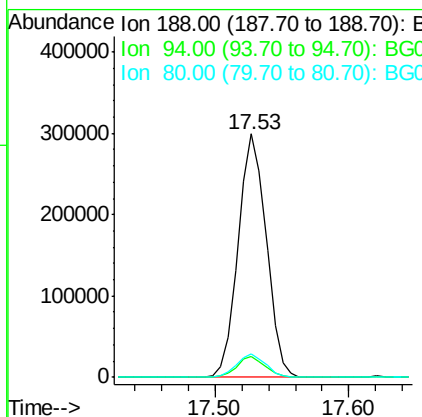
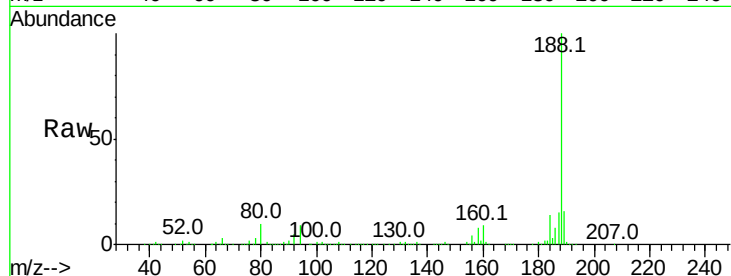




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

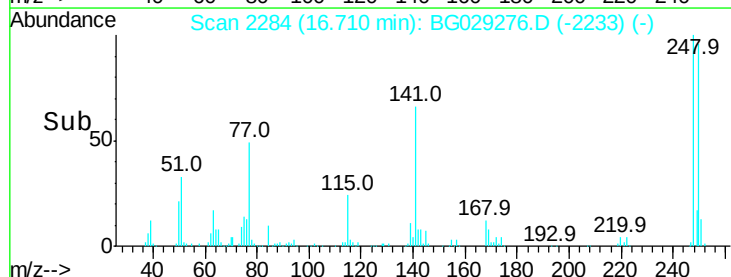
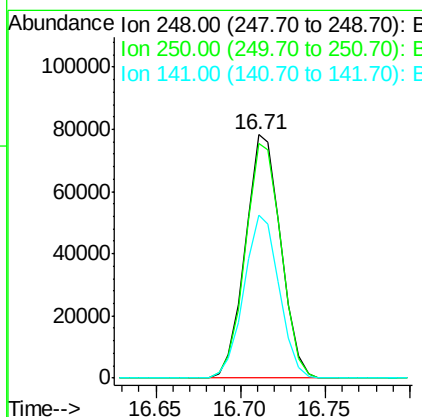
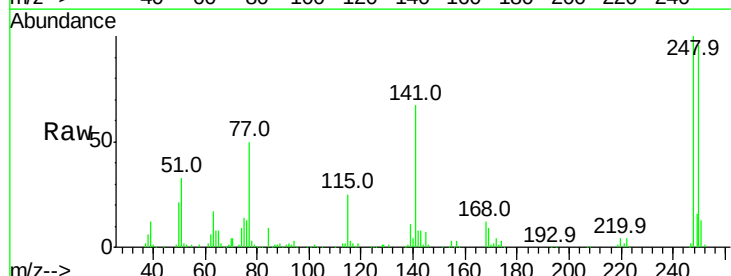
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

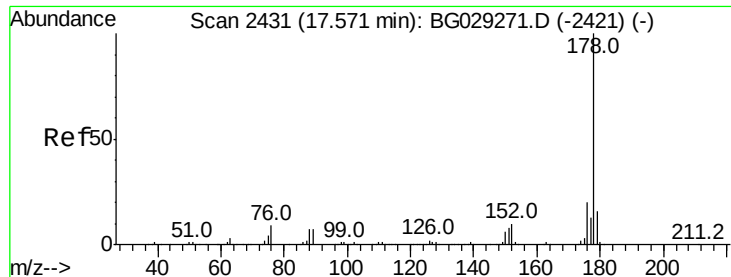
Tot Ion:188 Resp: 436149
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.9 10.3
 80 9.5 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 22.701 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG029276.D
 Acq: 16 Oct 2017 16:43

Tgt Ion:248 Resp: 113614
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 66.8 50.8 76.2





#70

Phenanthrene

Concen: 17.347 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

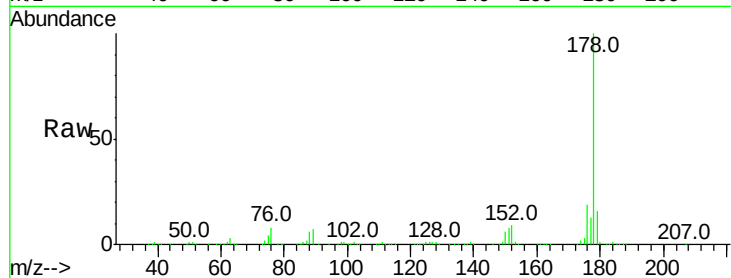
Tot Ion:178 Resp: 390864

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

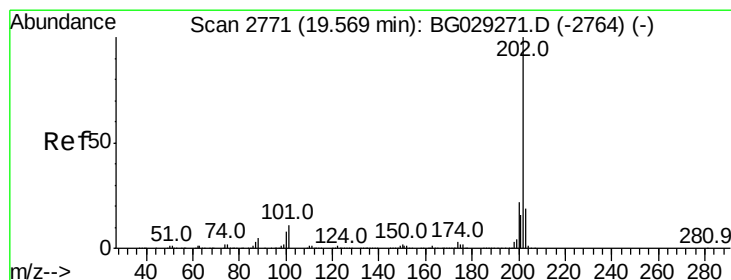
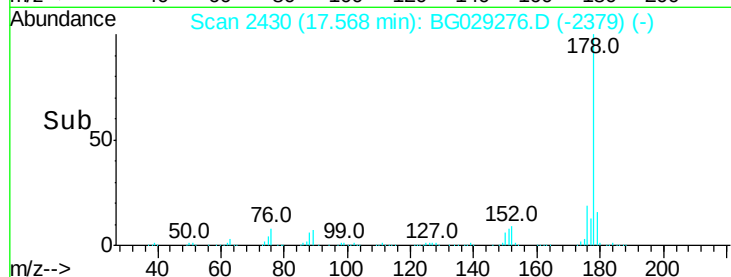
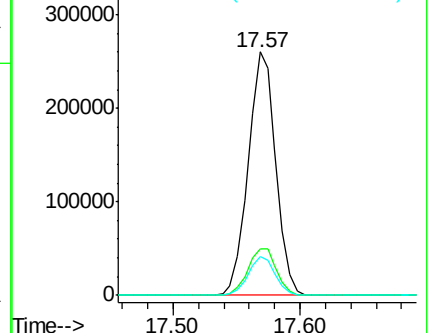
179 15.7 12.5 18.7



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: 51.092 ng

RT: 19.57 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

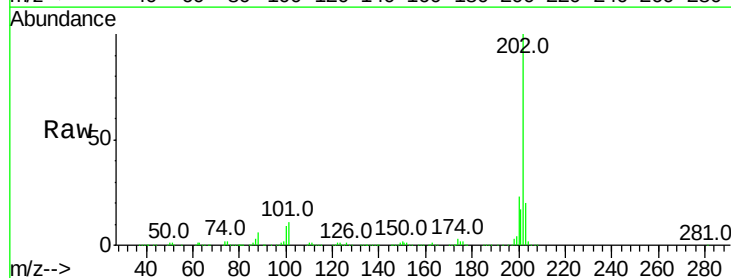
Tgt Ion:202 Resp: 1346463

Ion Ratio Lower Upper

202 100

101 11.1 0.0 28.9

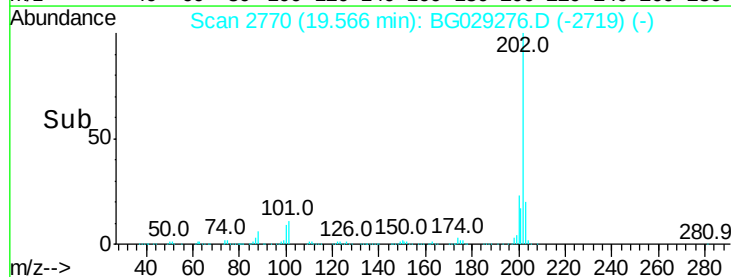
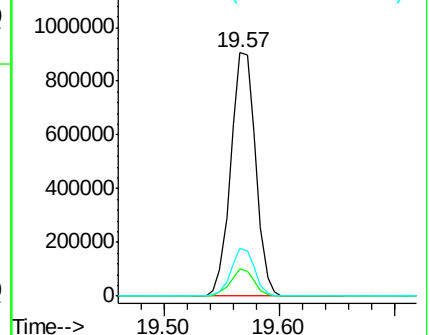
203 19.6 0.0 37.5

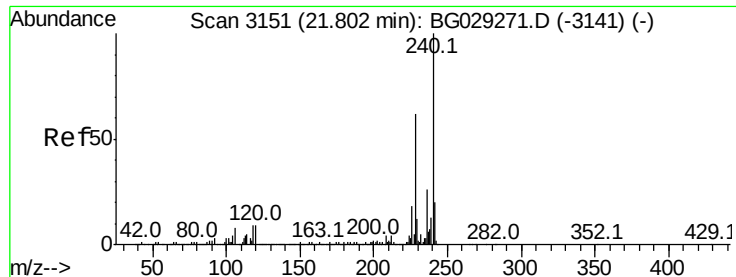


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3151

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

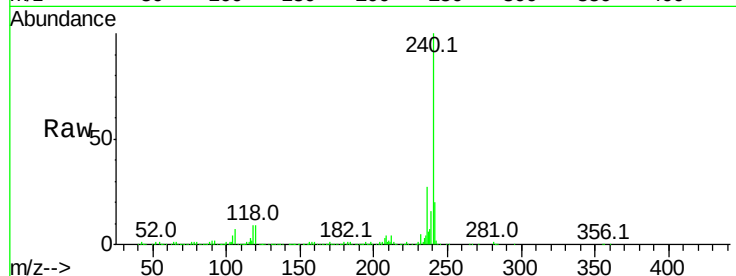
Tot Ion:240 Resp: 458925

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

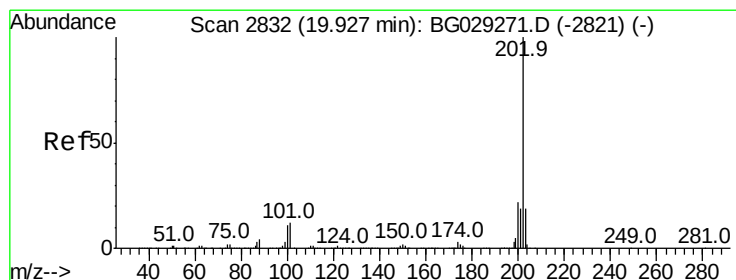
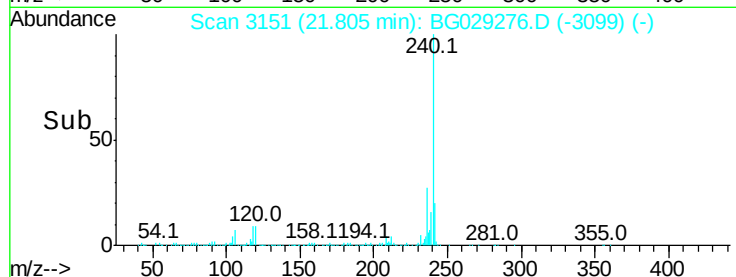
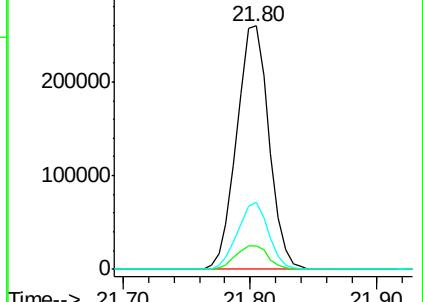
236 27.3 20.9 31.3



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: 47.036 ng

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

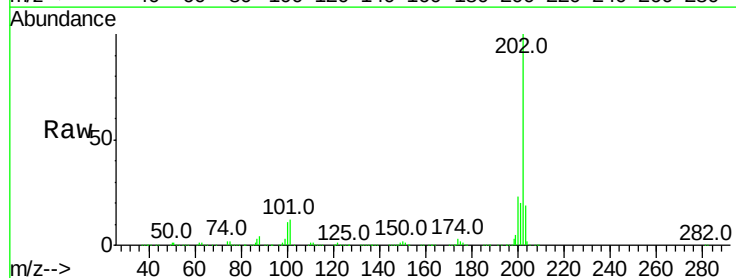
Tgt Ion:202 Resp: 1309453

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

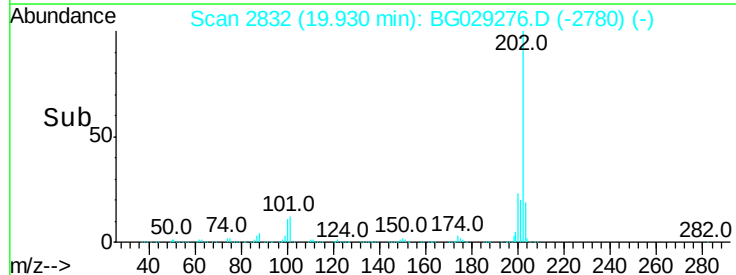
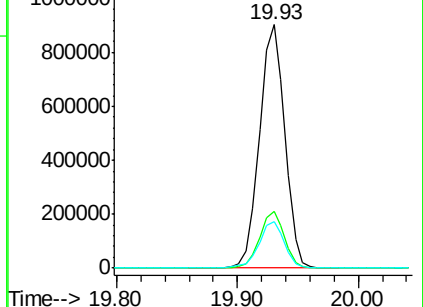
203 19.1 13.9 20.9

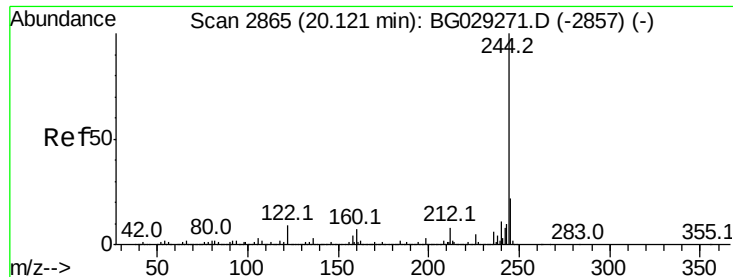


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.996 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

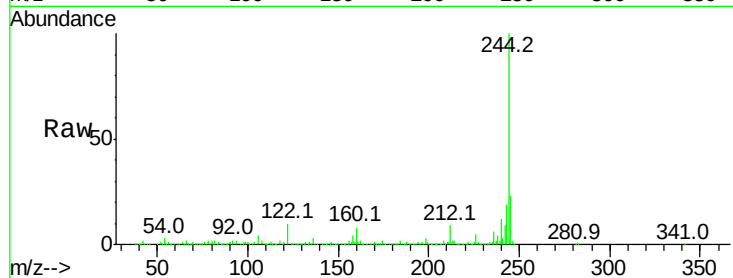
BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion:244 Resp: 1896188

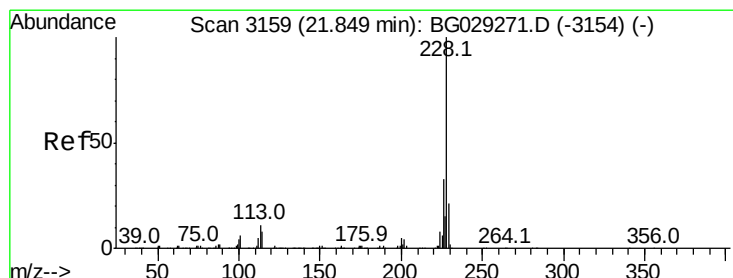
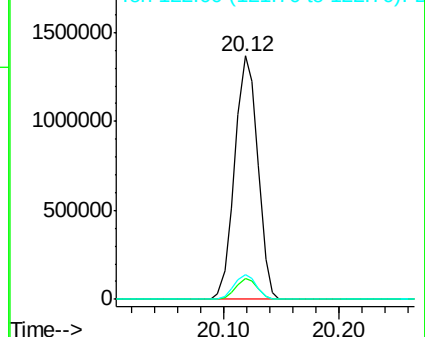
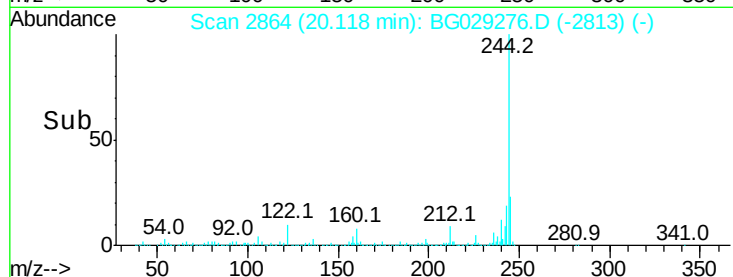
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	10.4	7.0	10.4



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: 68.450 ng

RT: 21.85 min Scan# 3159

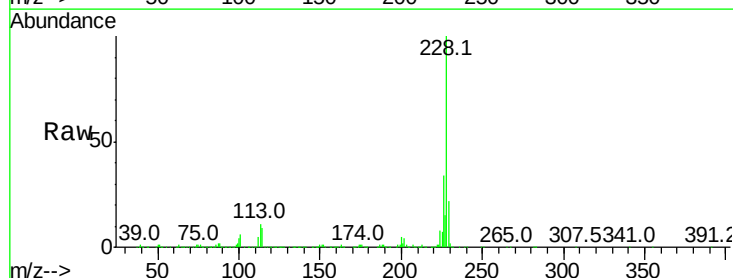
Delta R.T. 0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Tgt Ion:228 Resp: 1766294

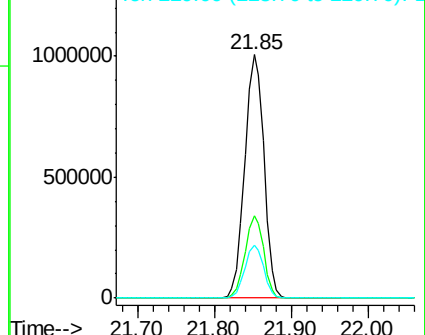
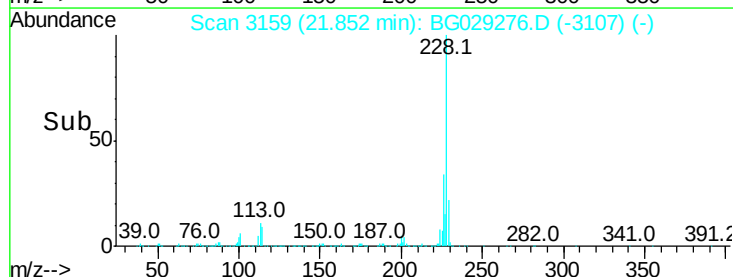
Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.9	37.3
229	21.6	15.0	22.4

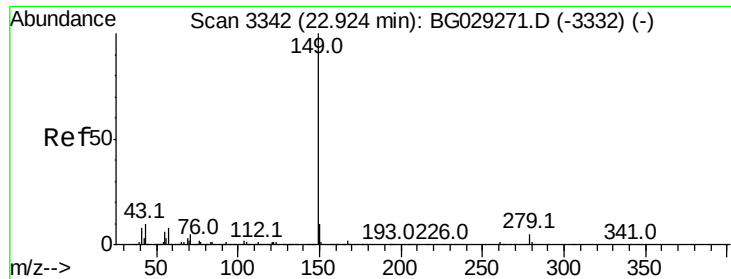


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

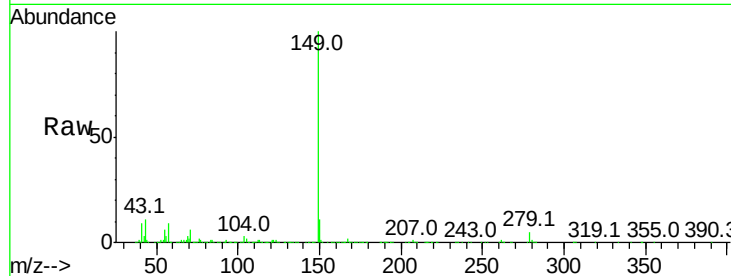




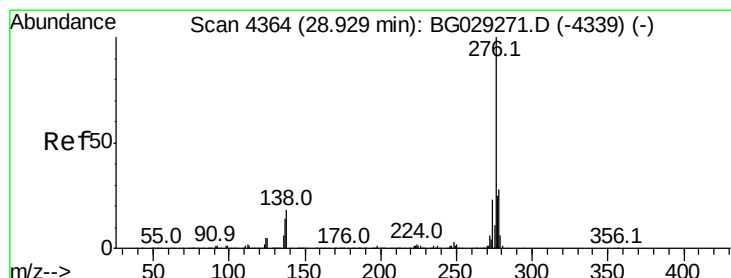
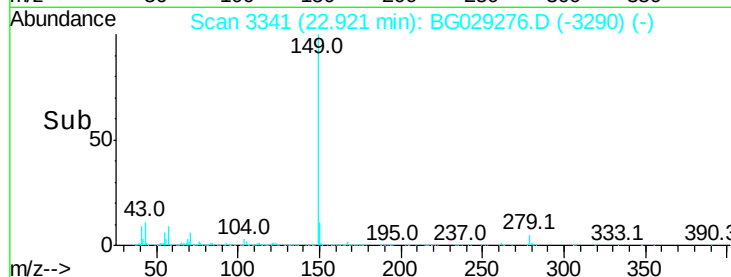
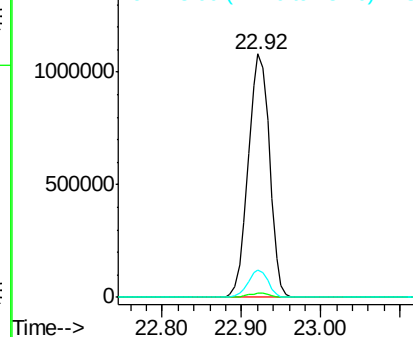
#84
Di-n-octyl phthalate
Concen: 67.715 ng
RT: 22.92 min Scan# 3341
Delta R.T. -0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:149 Resp: 2008854
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.7 8.9 13.3

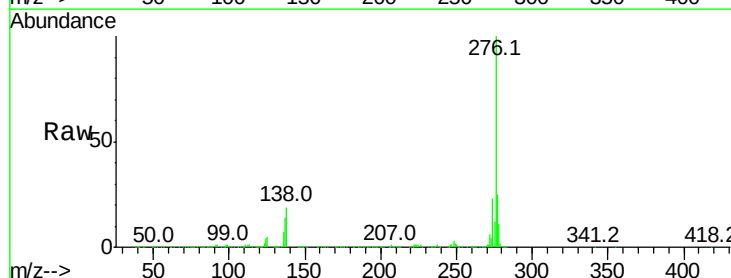


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

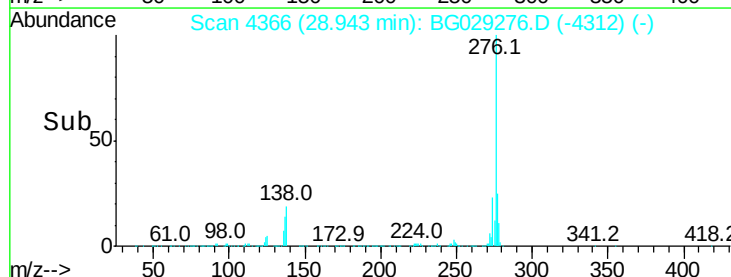
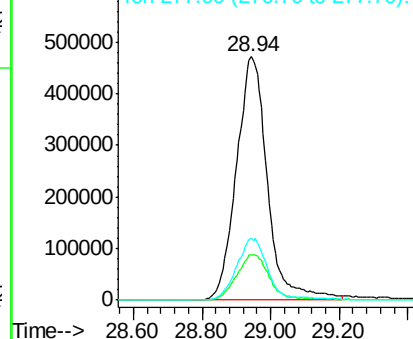


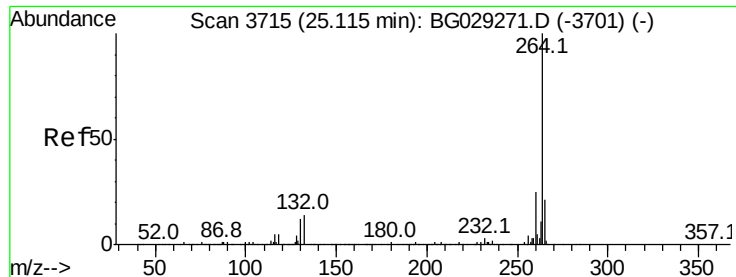
#85
Indeno(1,2,3-cd)pyrene
Concen: 93.015 ng
RT: 28.94 min Scan# 4366
Delta R.T. 0.02 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion:276 Resp: 2952833
Ion Ratio Lower Upper
276 100
138 19.6 16.0 24.0
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



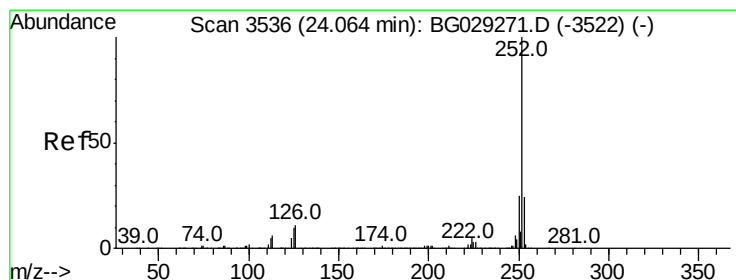
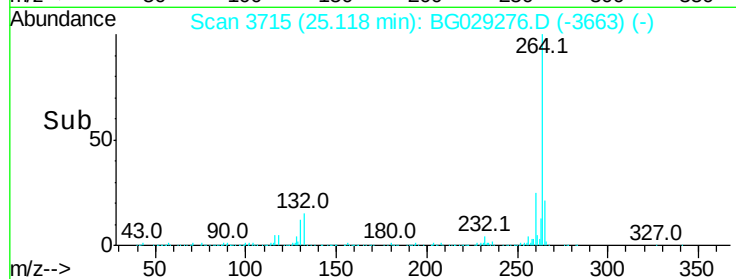
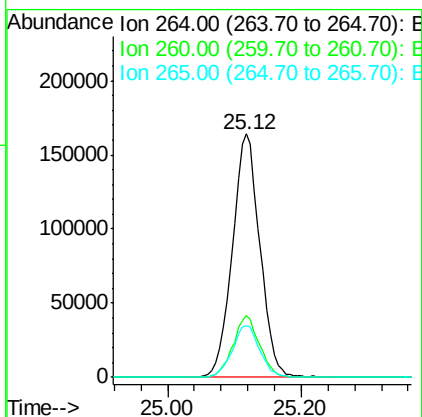
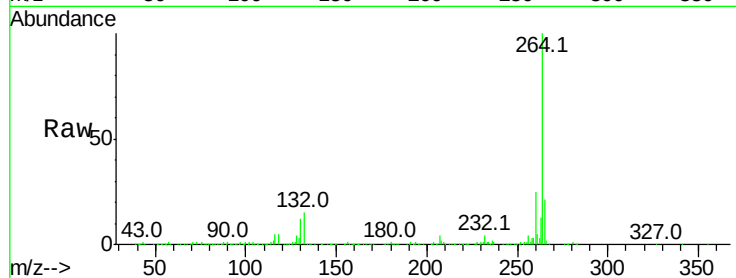


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. 0.00 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:264 Resp: 469056

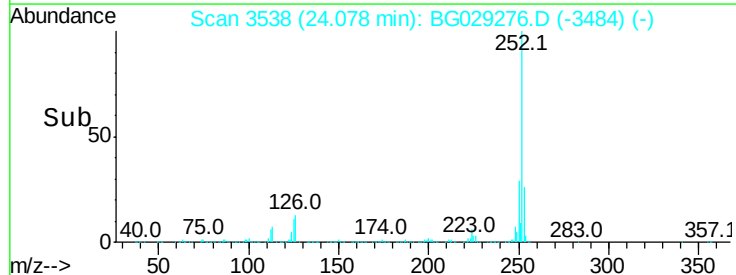
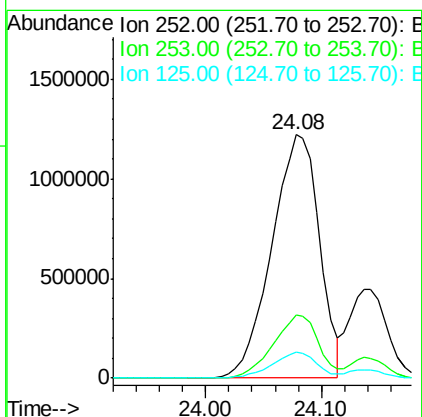
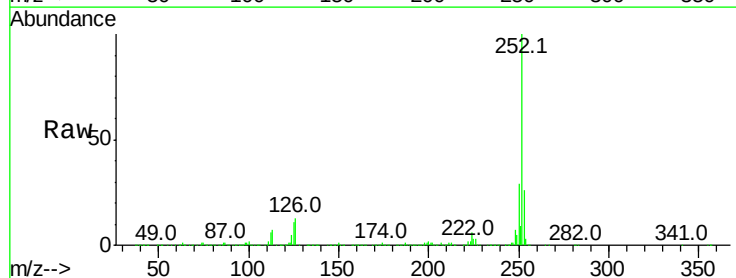
Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	21.3	17.7	26.5

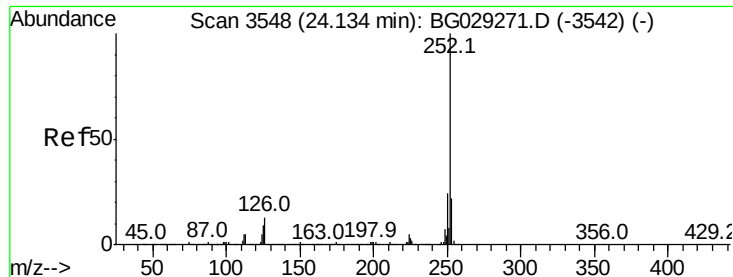


#87
Benzo(b)fluoranthene
Concen: 129.883 ng
RT: 24.08 min Scan# 3538
Delta R.T. 0.01 min
Lab File: BG029276.D
Acq: 16 Oct 2017 16:43

Tgt Ion:252 Resp: 3487838

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	10.5	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 38.268 ng

RT: 24.14 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

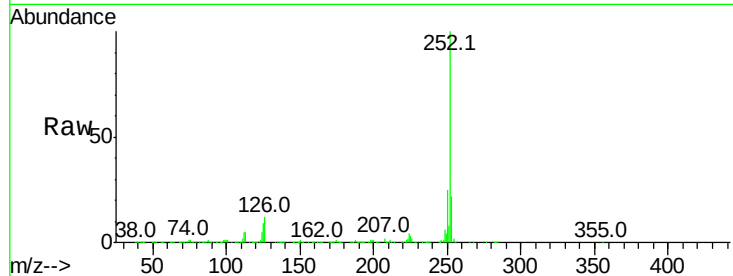
Tot Ion:252 Resp: 1023787

Ion Ratio Lower Upper

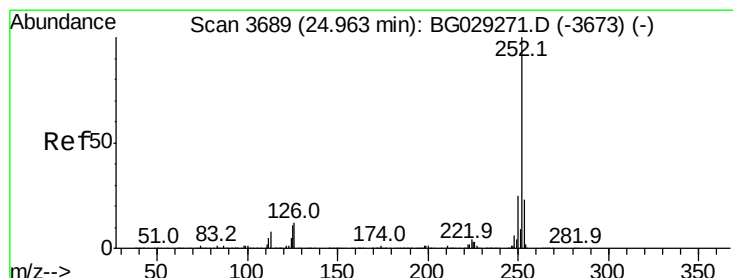
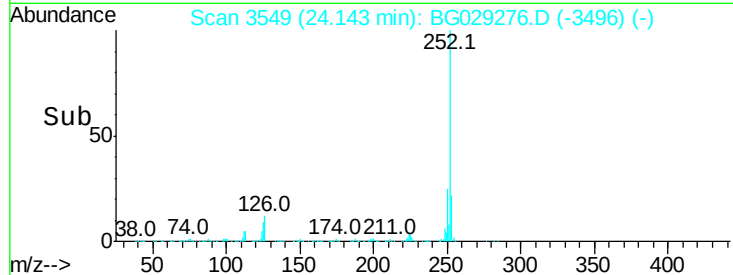
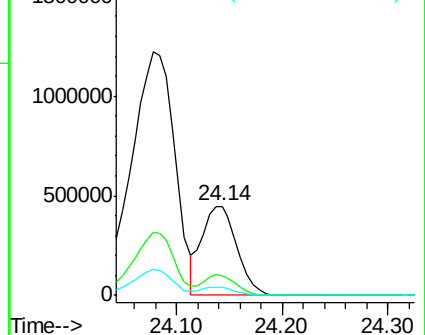
252 100

253 22.5 17.4 26.2

125 9.0 6.6 9.8



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



#89

Benzo(a)pyrene

Concen: 30.136 ng

RT: 24.96 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

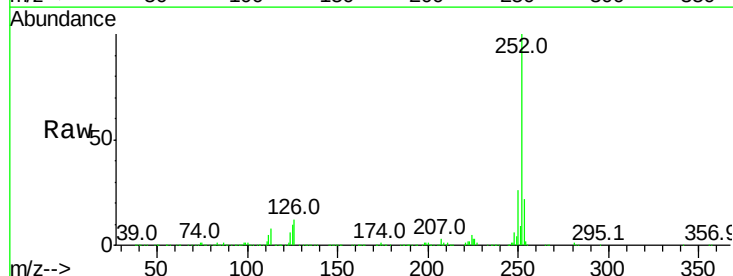
Tgt Ion:252 Resp: 777988

Ion Ratio Lower Upper

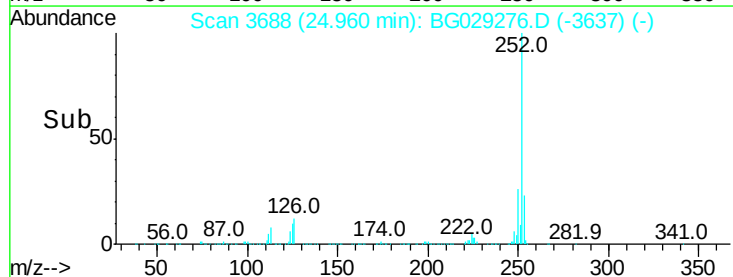
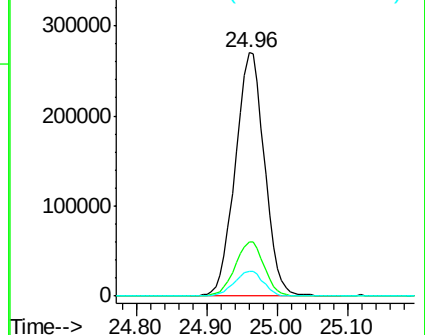
252 100

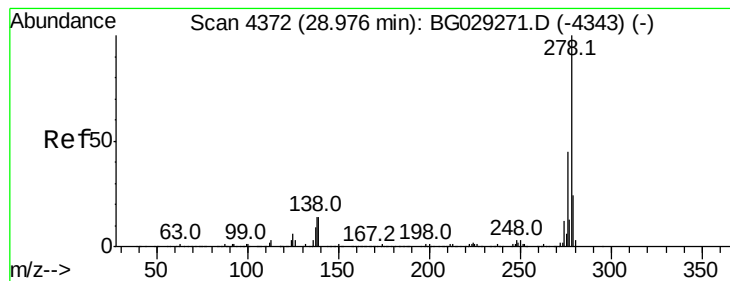
253 22.5 18.3 27.5

125 10.3 7.3 10.9



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





#90

Dibenzo(a,h)anthracene

Concen: 37.449 ng

RT: 29.00 min Scan# 4375

Delta R.T. 0.02 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

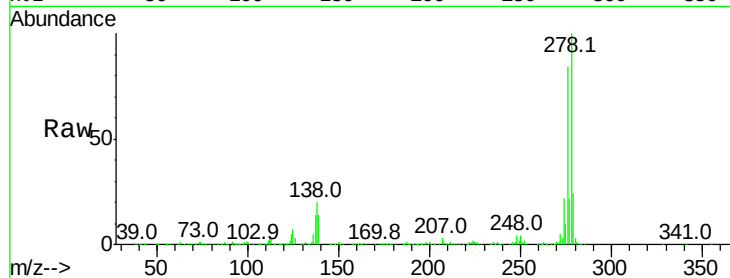
Tot Ion:278 Resp: 978774

Ion Ratio Lower Upper

278 100

139 13.6 9.8 14.6

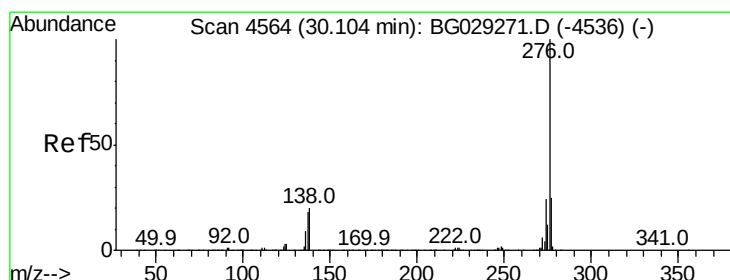
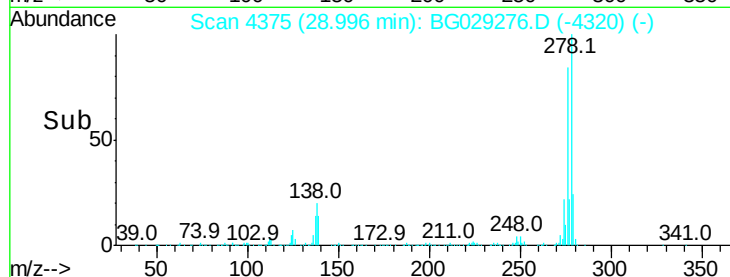
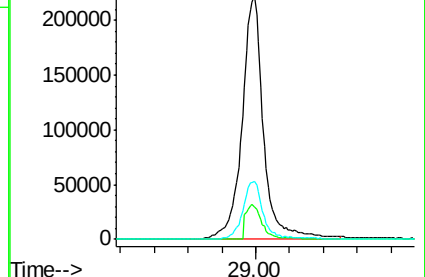
279 23.6 18.4 27.6



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: 129.472 ng

RT: 30.16 min Scan# 4573

Delta R.T. 0.06 min

Lab File: BG029276.D

Acq: 16 Oct 2017 16:43

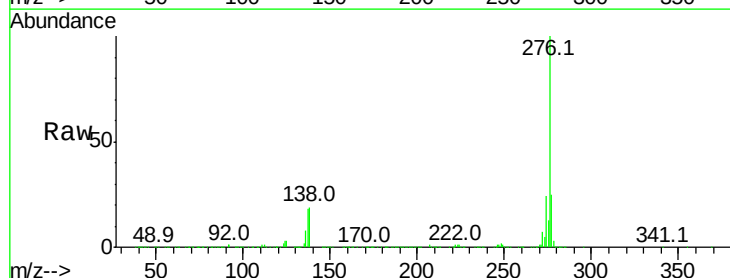
Tgt Ion:276 Resp: 3144109

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 19.5 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

