

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029010.D
 Acq On : 3 Oct 2017 18:03
 Operator : SJ/JU
 Sample : I5275-01
 Misc : LOD 2 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	34396	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	137047	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	100450	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	256010	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	291096	20.00	ng	-0.11
86) Perylene-d12	25.35	264	279166	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	336211	161.29	ng	-0.10
7) Phenol-d6	7.40	99	450889	143.66	ng	-0.09
23) Nitrobenzene-d5	9.41	82	249290	87.02	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	268252	161.46	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	646736	85.85	ng	-0.08
78) Terphenyl-d14	20.20	244	1093092	80.08	ng	-0.08

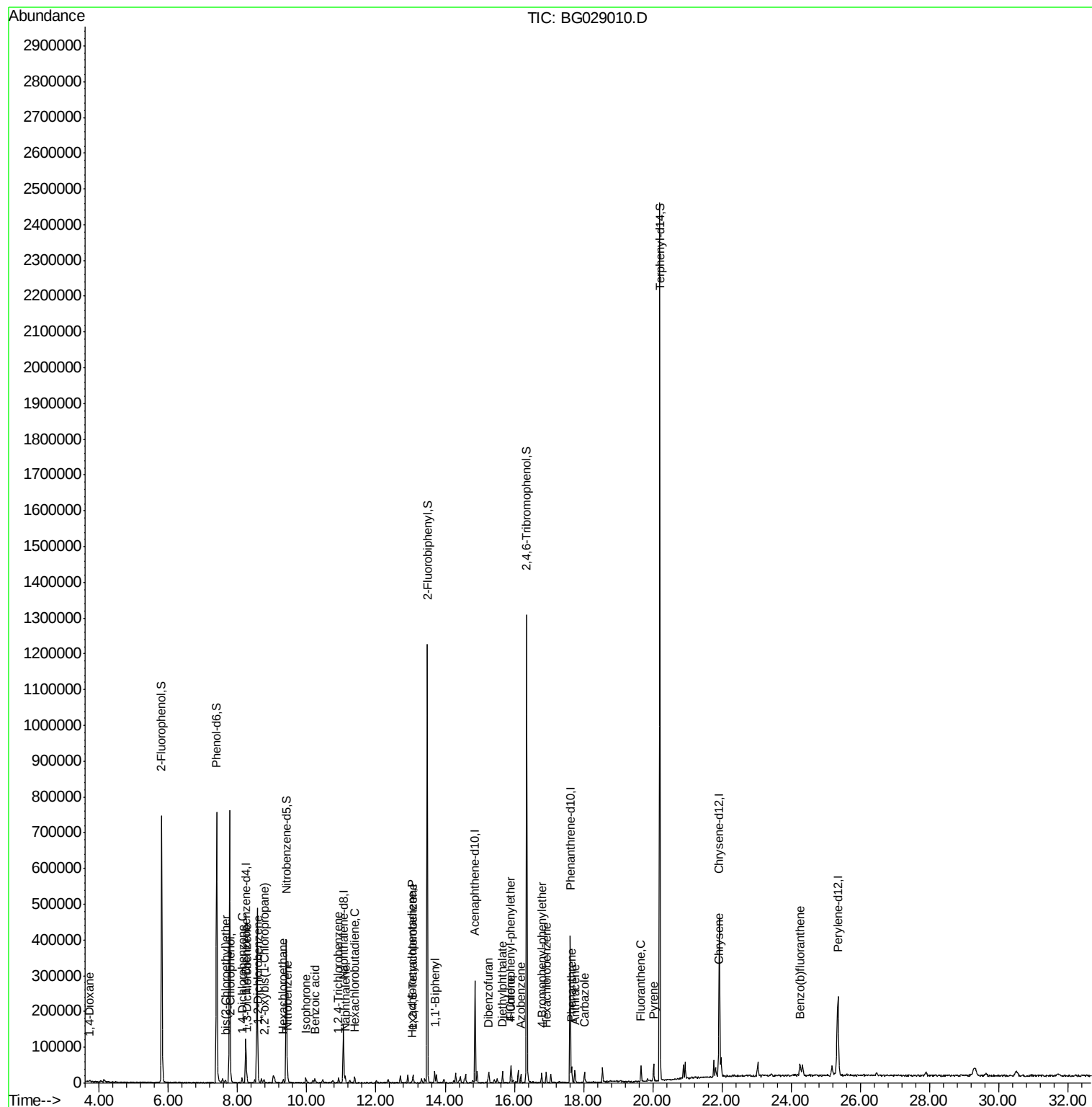
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	2345	2.78	ng	# 77
8) 2-Chlorophenol	7.81	128	5094	2.19	ng	# 77
11) bis(2-Chloroethyl)ether	7.65	93	4823	2.03	ng	# 80
12) 1,3-Dichlorobenzene	8.28	146	5356	2.14	ng	95
13) 1,4-Dichlorobenzene	8.13	146	5194	2.02	ng	96
14) 1,2-Dichlorobenzene	8.60	146	5763	2.27	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.76	45	8847	2.05	ng	94
18) Hexachloroethane	9.32	117	1919	2.03	ng	84
24) Nitrobenzene	9.45	77	6835	2.15	ng	# 90
25) Isophorone	9.98	82	11714	2.02	ng	# 91
30) 1,2,4-Trichlorobenzene	10.92	180	5892	2.10	ng	96
31) Naphthalene	11.10	128	15750	2.20	ng	94
32) Benzoic acid	10.24	122	4462	8.31	ng	# 9
34) Hexachlorobutadiene	11.38	225	4202	2.04	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	8317	2.01	ng	# 94
40) Hexachlorocyclopentadiene	13.04	237	71	7.64	ng	# 29
45) 1,1'-Biphenyl	13.69	154	17506	2.10	ng	98
54) Dibenzofuran	15.26	168	19095	2.03	ng	97
57) Fluorene	15.91	166	17452	2.08	ng	99
59) Diethylphthalate	15.66	149	18048	2.08	ng	# 89
60) 4-Chlorophenyl-phenylether	15.89	204	9607	2.01	ng	# 88
62) Azobenzene	16.19	77	14576	2.00	ng	89
66) 4-Bromophenyl-phenylether	16.79	248	6783	2.06	ng	# 88
67) Hexachlorobenzene	16.92	284	7673	2.05	ng	# 81
70) Phenanthrene	17.65	178	28161	2.15	ng	# 92
71) Anthracene	17.75	178	26695	2.02	ng	# 89
72) Carbazole	18.03	167	24631	2.07	ng	# 89
74) Fluoranthene	19.66	202	33119	2.07	ng	96
77) Pyrene	20.02	202	35514	2.12	ng	# 94
82) Chrysene	21.90	228	35004	2.11	ng	93
87) Benzo(b)fluoranthene	24.25	252	34771	2.08	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.24 min Scan# 792

Delta R.T. -0.09 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

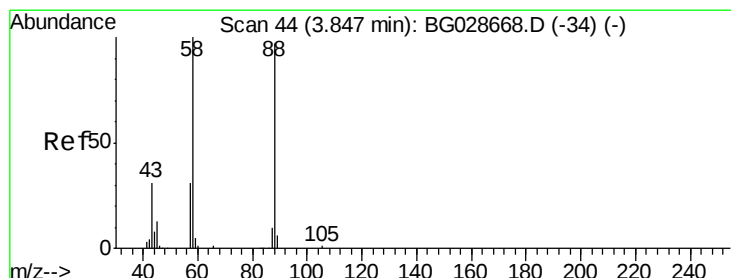
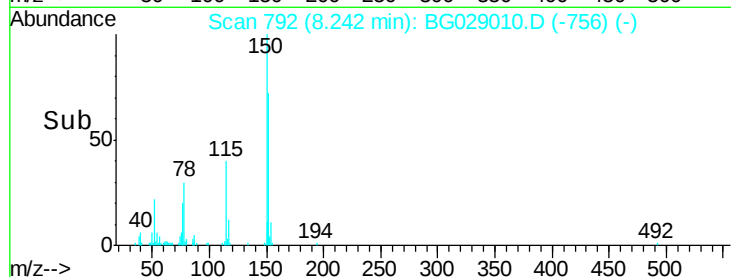
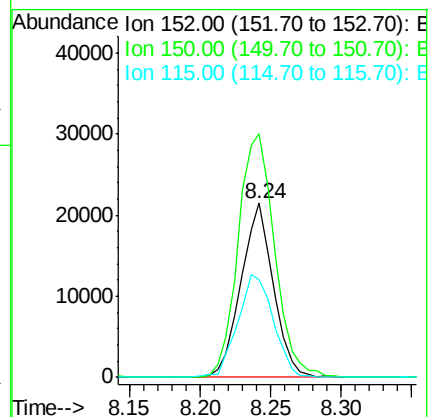
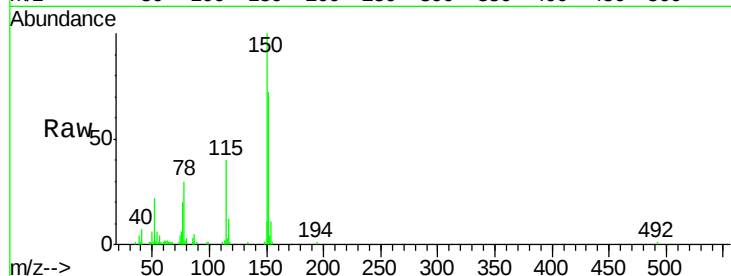
Tot Ion:152 Resp: 34396

Ion Ratio Lower Upper

152 100

150 139.8 114.0 171.0

115 56.0 48.1 72.1



#2

1,4-Dioxane

Concen: 2.78 ng

RT: 3.73 min Scan# 24

Delta R.T. -0.12 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

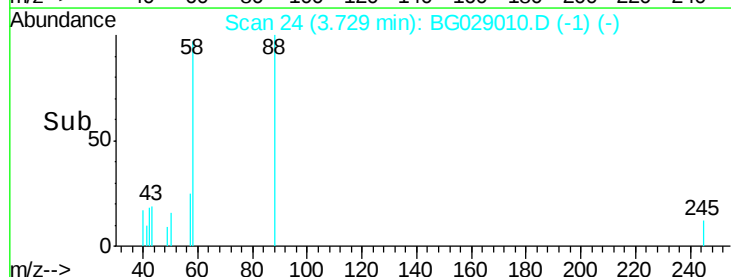
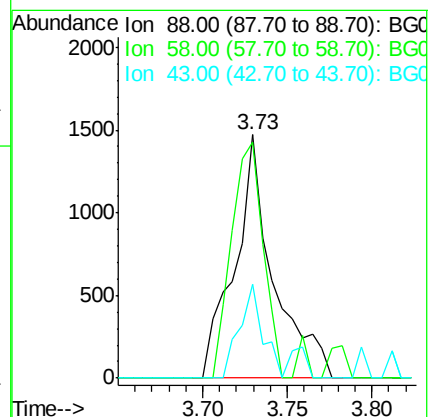
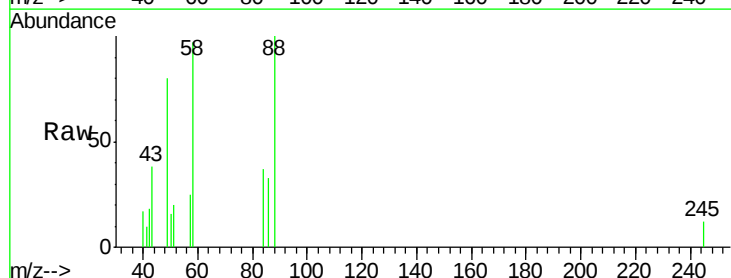
Tgt Ion: 88 Resp: 2345

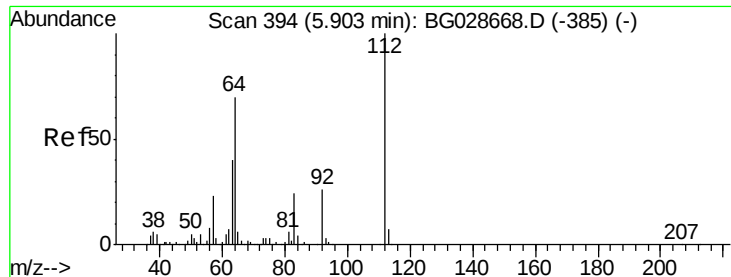
Ion Ratio Lower Upper

88 100

58 79.9 79.4 119.2

43 23.2 33.8 50.6#





#5

2-Fluorophenol

Concen: 161.29 ng

RT: 5.80 min Scan# 377

Delta R.T. -0.10 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

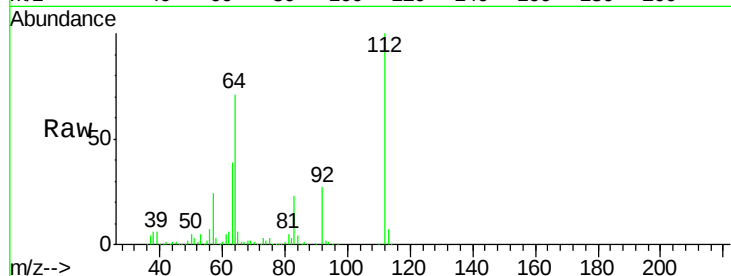
Tot Ion:112 Resp: 336211

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

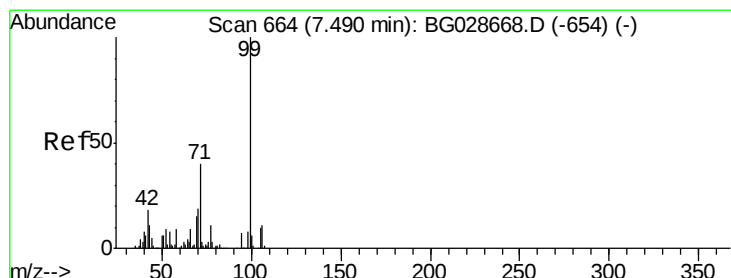
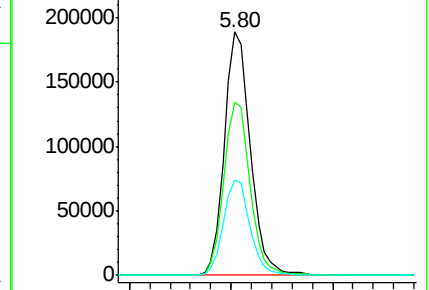
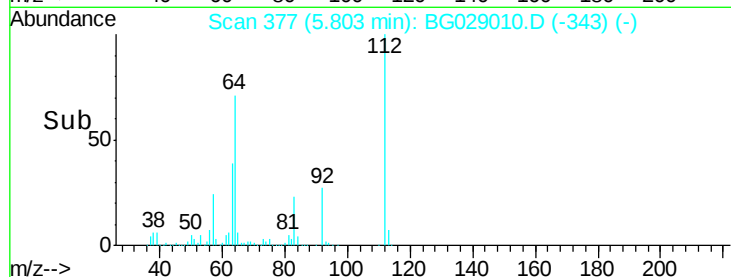
63 39.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 143.66 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

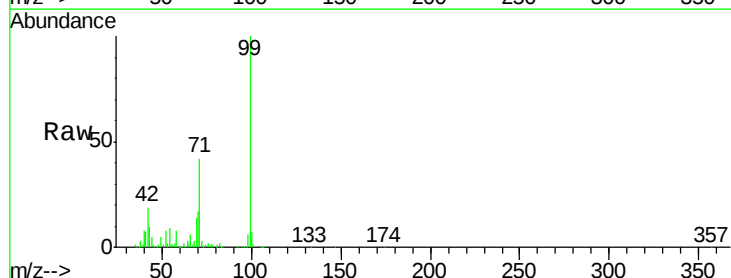
Tgt Ion: 99 Resp: 450889

Ion Ratio Lower Upper

99 100

42 19.0 20.5 30.7#

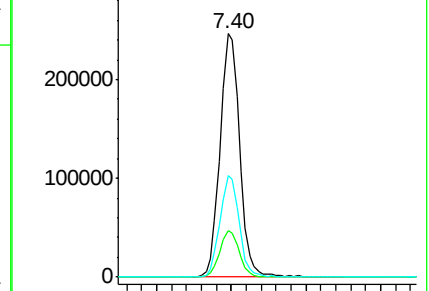
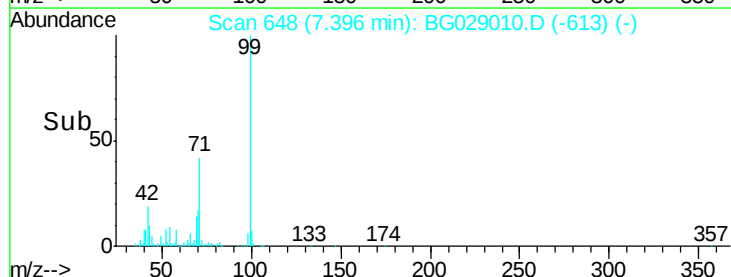
71 41.8 37.6 56.4

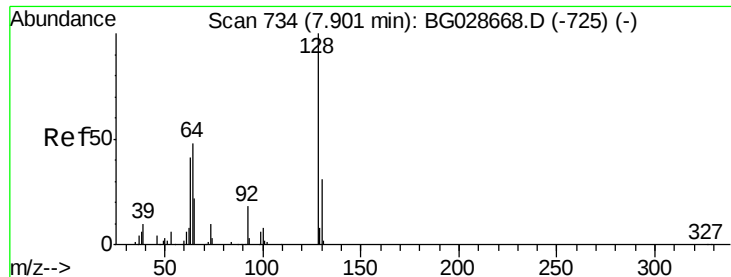


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 2.19 ng

RT: 7.81 min Scan# 718

Delta R.T. -0.09 min

Lab File: BG029010.D

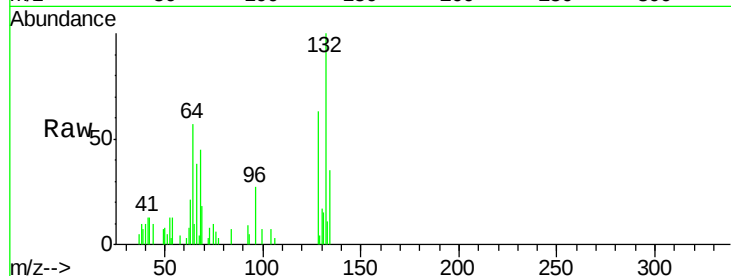
Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

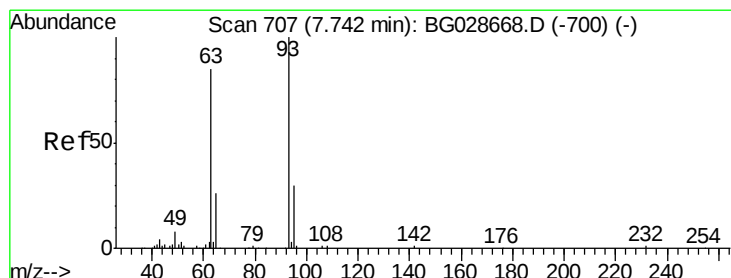
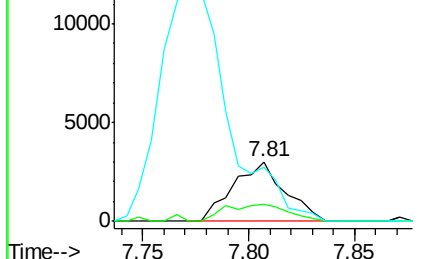
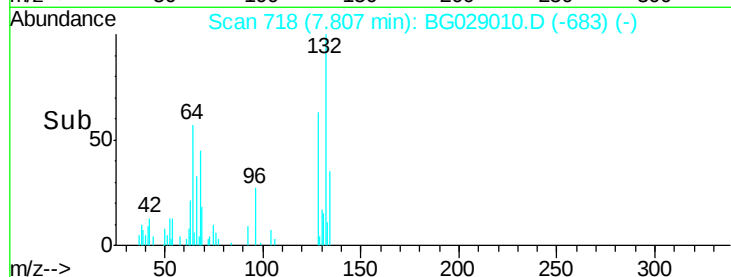
Tot Ion:	128	Resp:	5094
Ion	Ratio	Lower	Upper
128	100		
130	27.7	11.4	51.4
64	90.8	46.6	86.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 2.03 ng

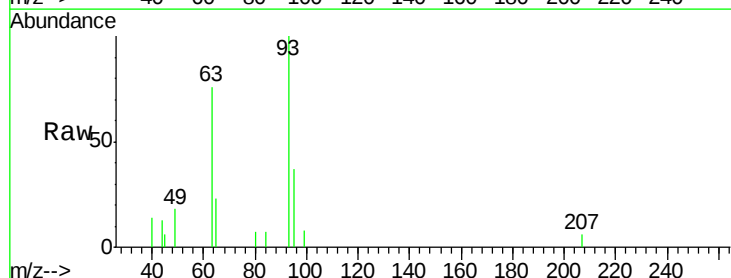
RT: 7.65 min Scan# 692

Delta R.T. -0.09 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

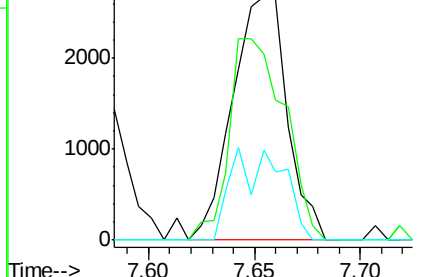
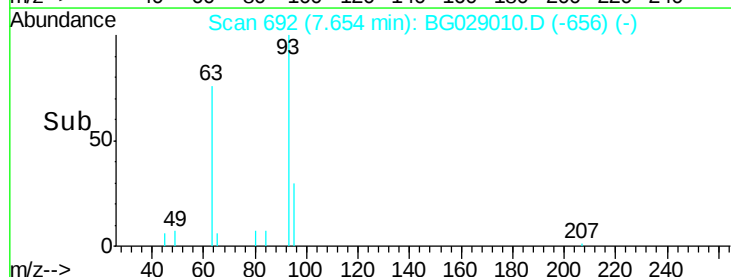
Tgt Ion:	93	Resp:	4823
Ion	Ratio	Lower	Upper
93	100		
63	76.4	78.5	118.5#
95	37.1	9.8	49.8

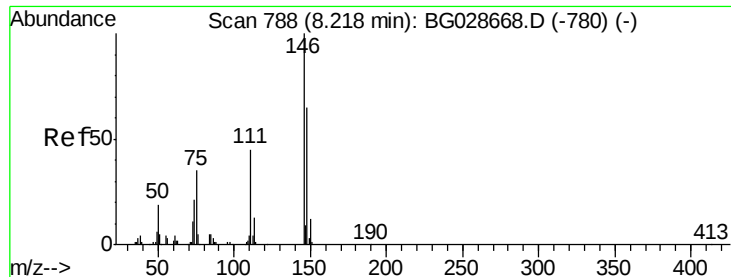


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

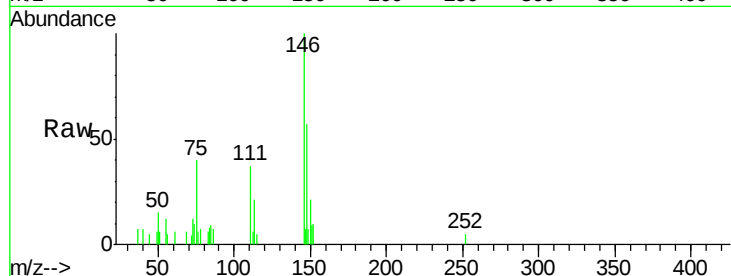




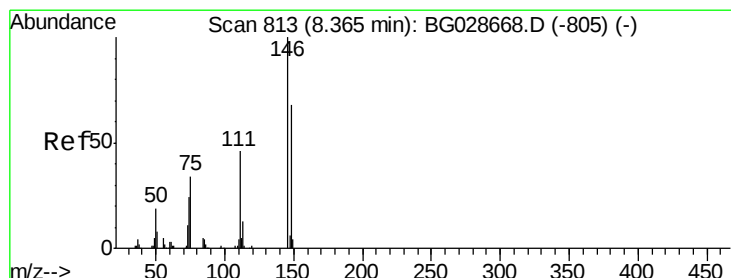
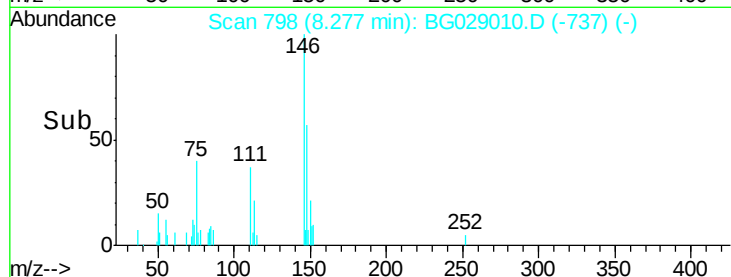
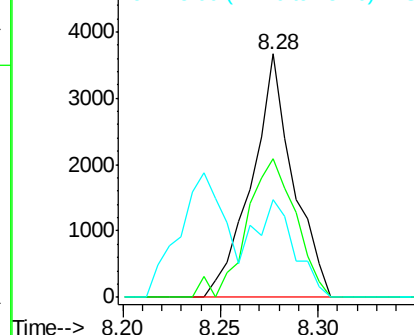
#12
 1,3-Dichlorobenzene
 Concen: 2.14 ng
 RT: 8.28 min Scan# 798
 Delta R.T. 0.06 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.1	49.2	73.8
75	39.9	33.4	50.2

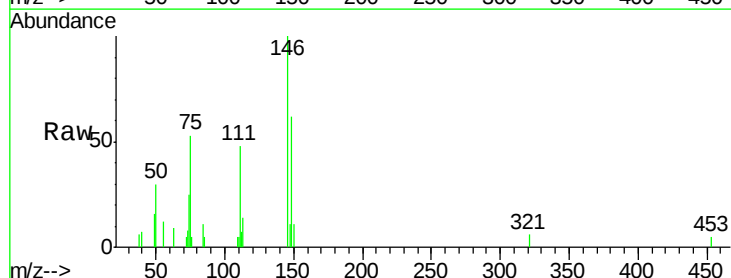


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

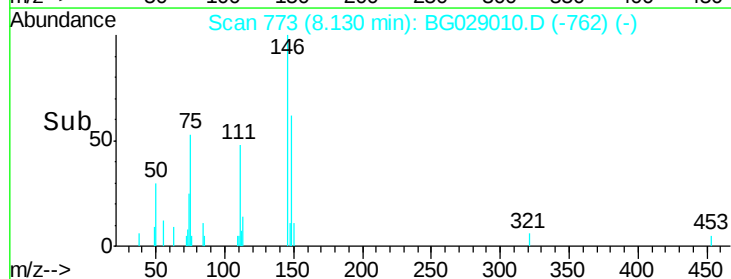
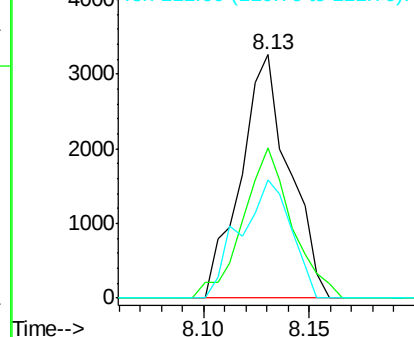


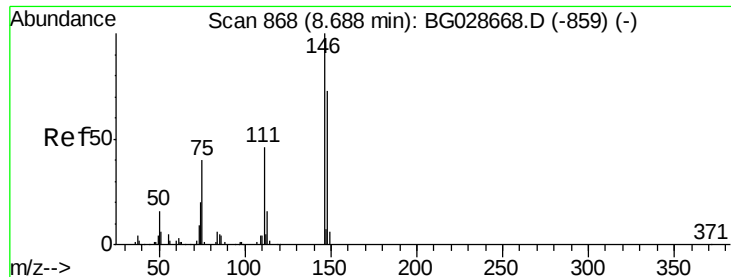
#13
 1,4-Dichlorobenzene
 Concen: 2.02 ng
 RT: 8.13 min Scan# 773
 Delta R.T. -0.24 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.2	78.2
111	48.4	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: 2.27 ng

RT: 8.60 min Scan# 853

Delta R.T. -0.09 min

Lab File: BG029010.D

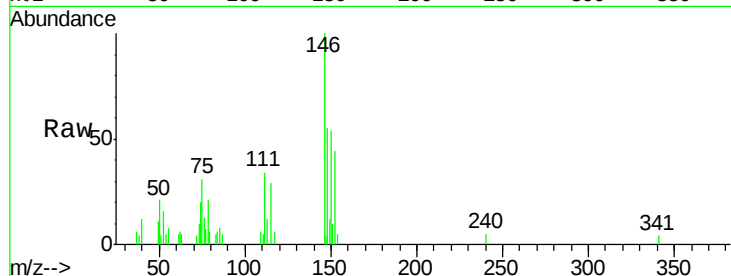
Acq: 3 Oct 2017 18:03

Instrument :

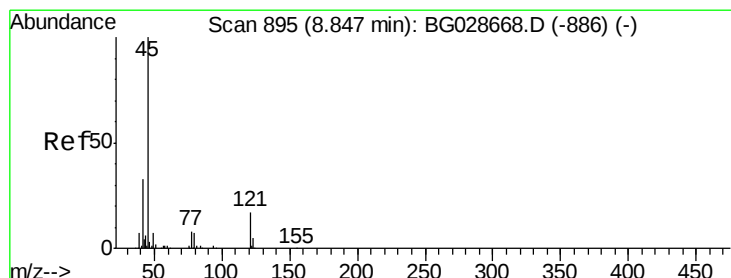
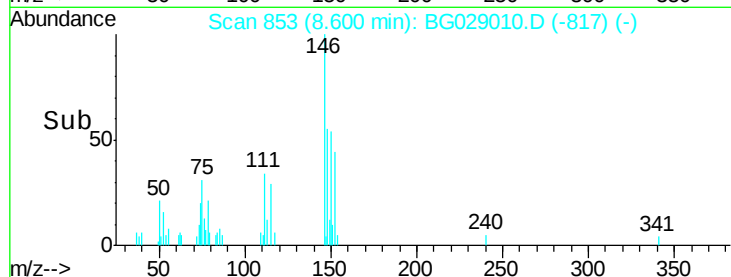
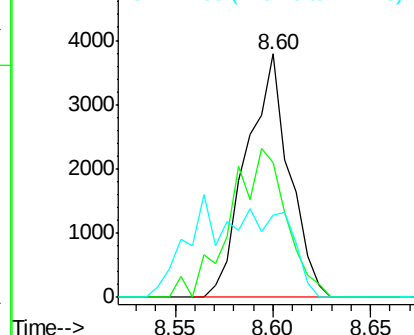
BNA_G

ClientSampleId :

Tot Ion:146	Resp:	5763
Ion Ratio	Lower	Upper
146	100	
148	55.3	54.6 81.8
111	33.9	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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.05 ng

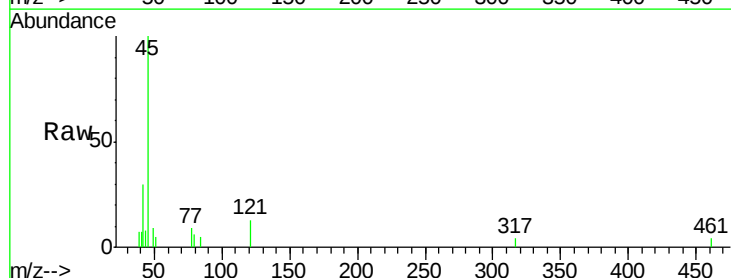
RT: 8.76 min Scan# 880

Delta R.T. -0.09 min

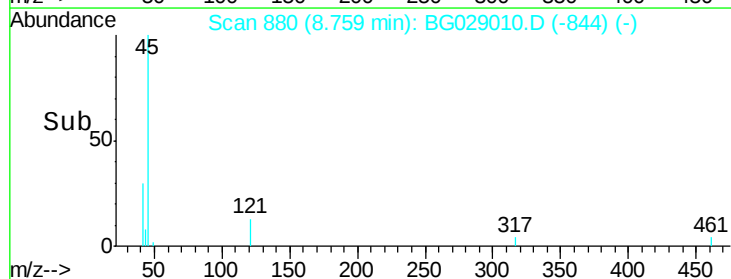
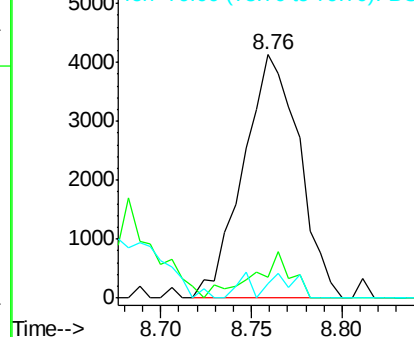
Lab File: BG029010.D

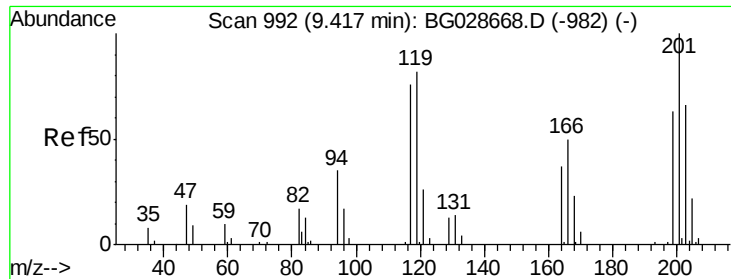
Acq: 3 Oct 2017 18:03

Tgt Ion: 45	Resp:	8847
Ion Ratio	Lower	Upper
45	100	
77	8.7	0.0 30.6
79	6.0	0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

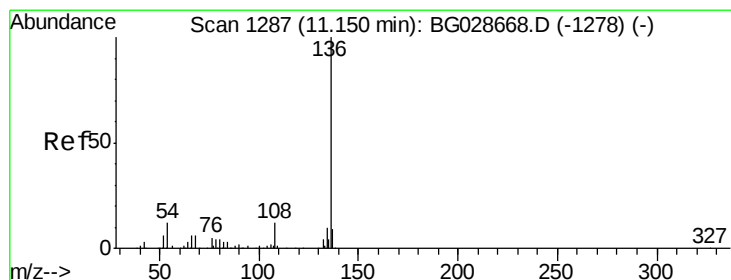
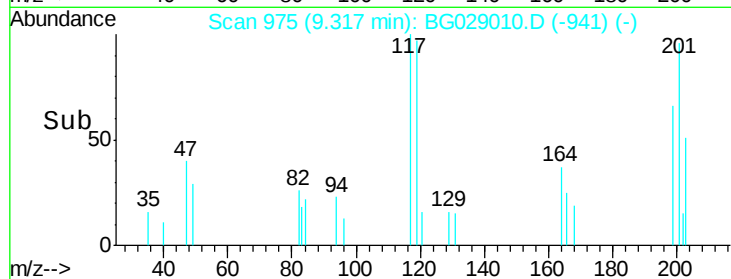
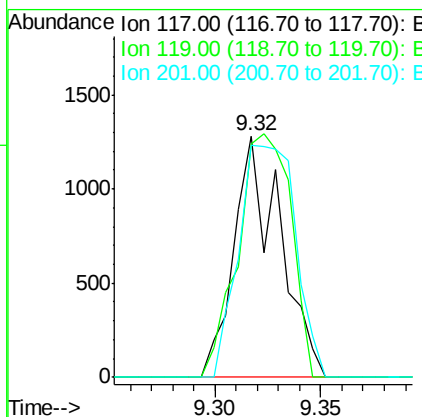
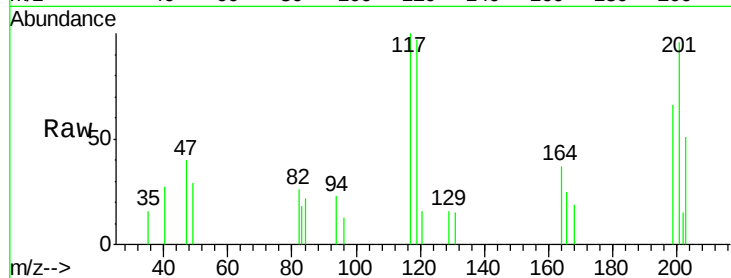




#18
Hexachloroethane
Concen: 2.03 ng
RT: 9.32 min Scan# 975
Delta R.T. -0.10 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

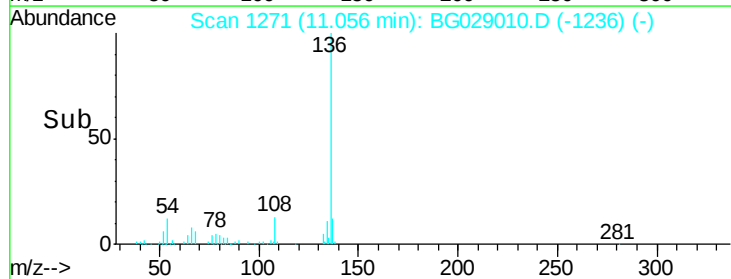
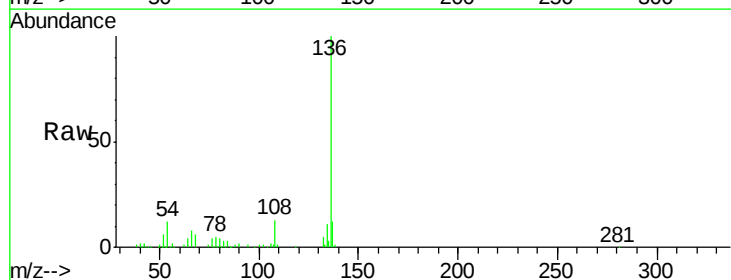
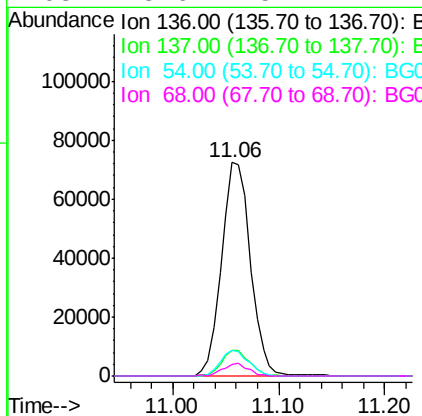
Instrument :
BNA_G
ClientSampleId :

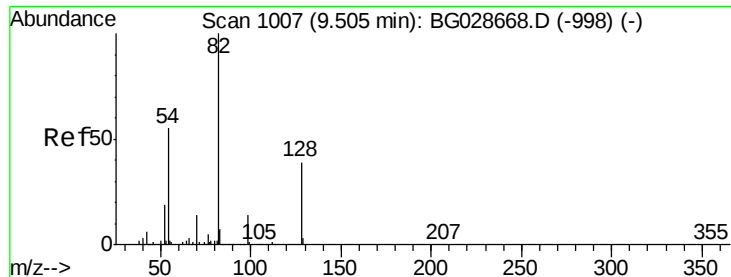
Tot Ion:117 Resp: 1919
Ion Ratio Lower Upper
117 100
119 96.6 69.8 104.6
201 95.9 95.4 143.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion:136 Resp: 137047
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 12.1 9.3 13.9
68 5.6 5.1 7.7

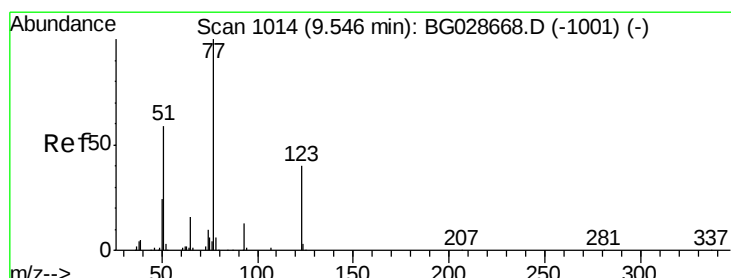
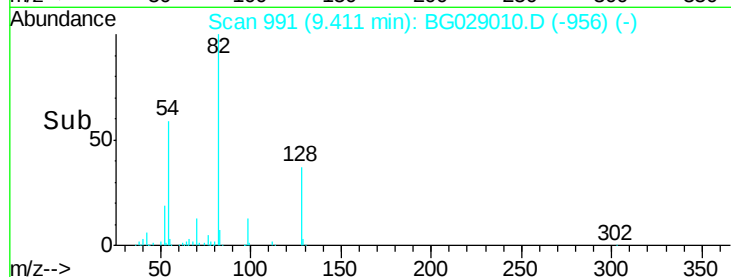
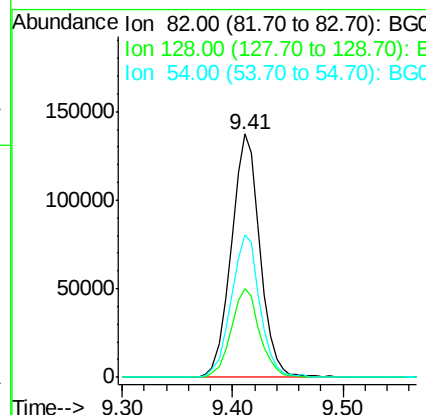
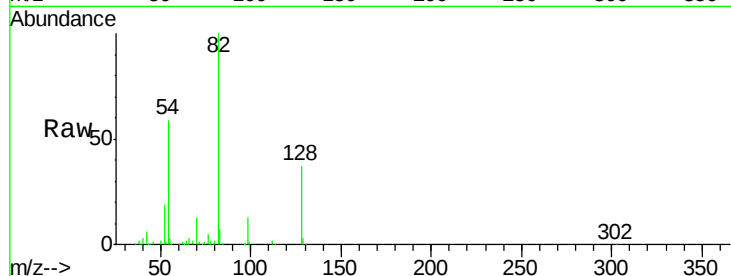




#23
Nitrobenzene-d5
Concen: 87.02 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

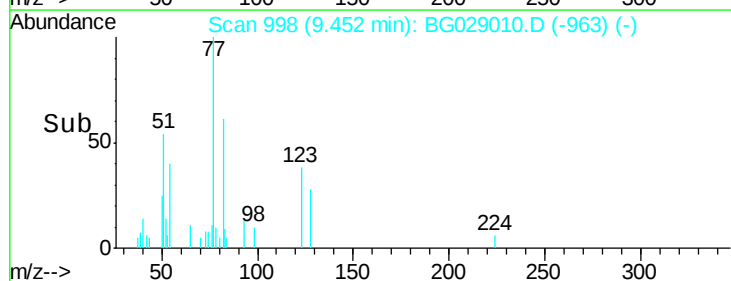
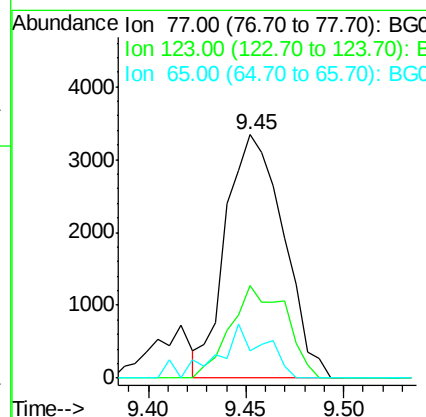
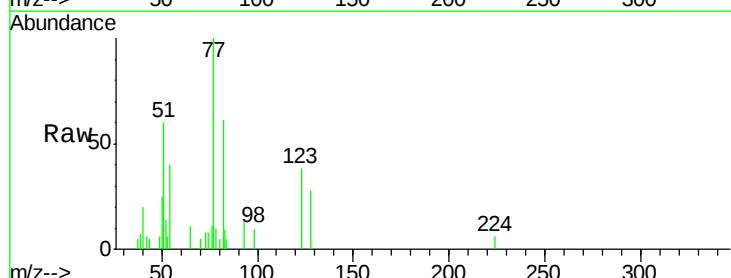
Instrument :
BNA_G
ClientSampleId :

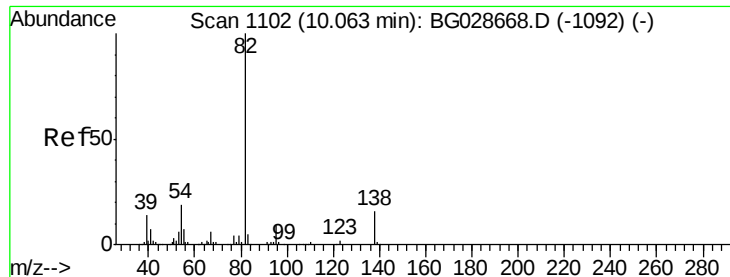
Tot Ion	82	Resp	249290
Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	58.6	49.4	74.2



#24
Nitrobenzene
Concen: 2.15 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.09 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion	77	Resp	6835
Ion	Ratio	Lower	Upper
77	100		
123	37.8	26.1	39.1
65	11.0	12.4	18.6#





#25

Isophorone

Concen: 2.02 ng

RT: 9.98 min Scan# 1087

Delta R.T. -0.09 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

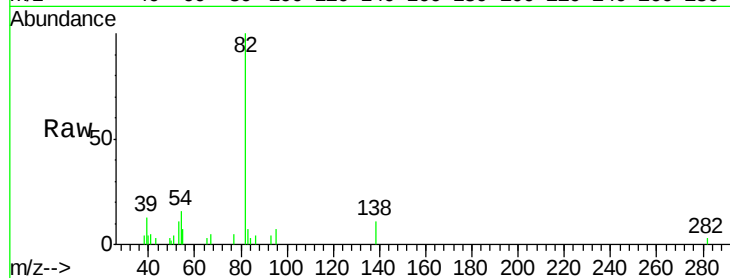
Tot Ion: 82 Resp: 11714

Ion Ratio Lower Upper

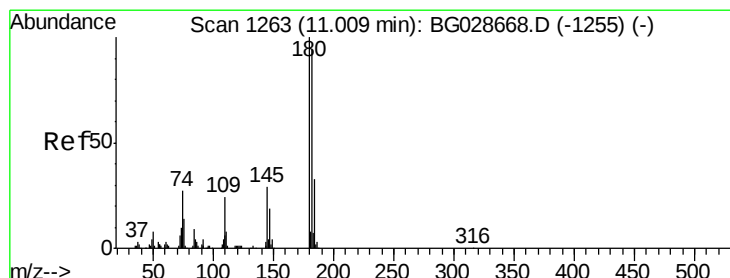
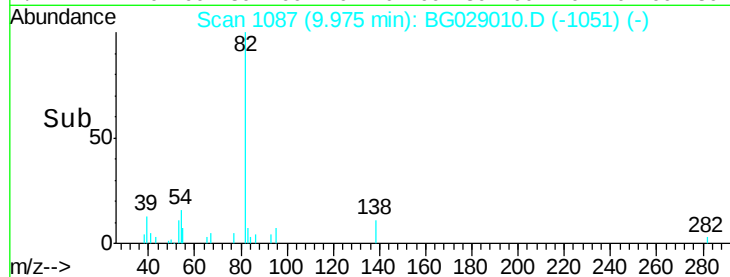
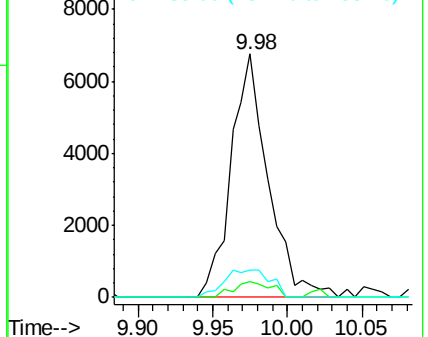
82 100

95 6.6 7.5 11.3#

138 11.4 12.3 18.5#



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



#30

1,2,4-Trichlorobenzene

Concen: 2.10 ng

RT: 10.92 min Scan# 1248

Delta R.T. -0.09 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

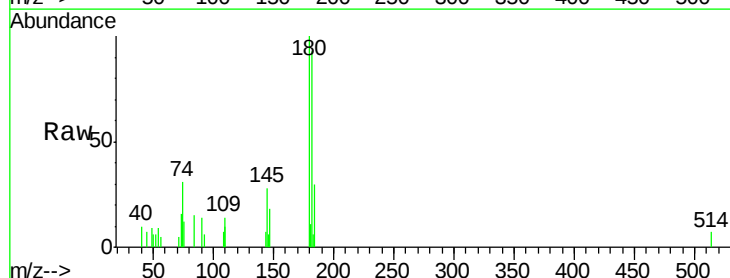
Tgt Ion: 180 Resp: 5892

Ion Ratio Lower Upper

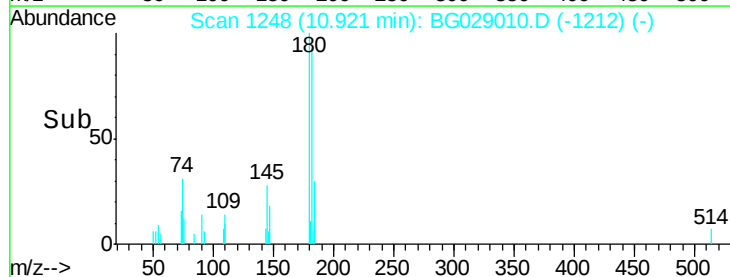
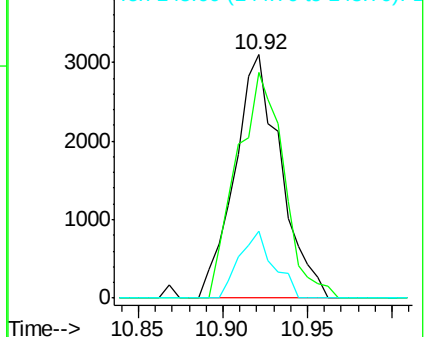
180 100

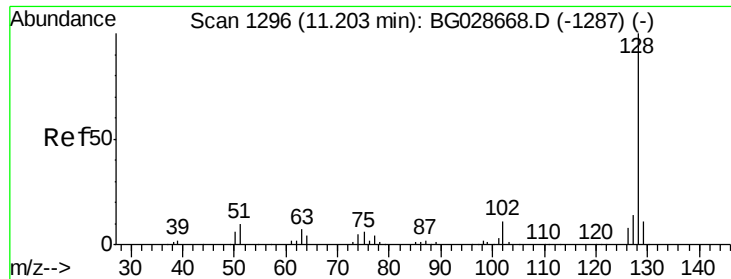
182 92.6 77.0 115.4

145 27.6 23.4 35.0



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

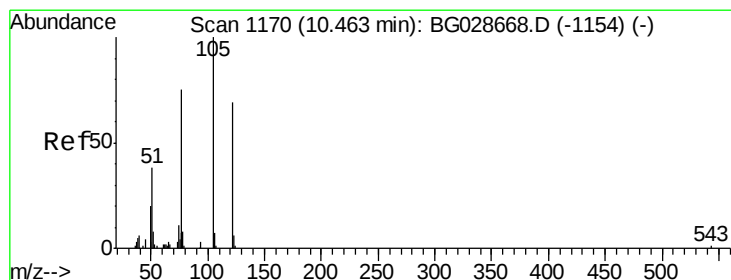
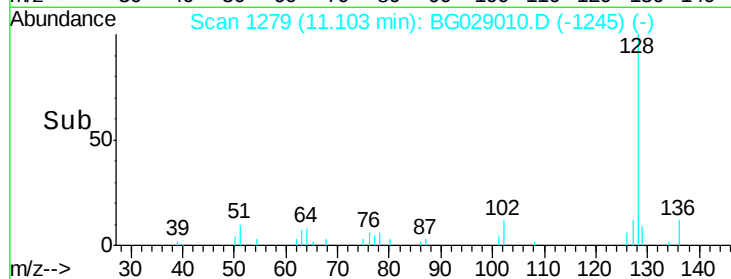
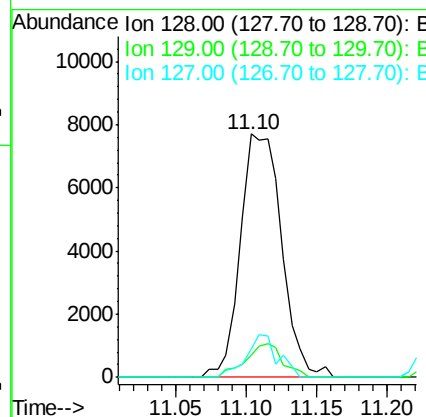
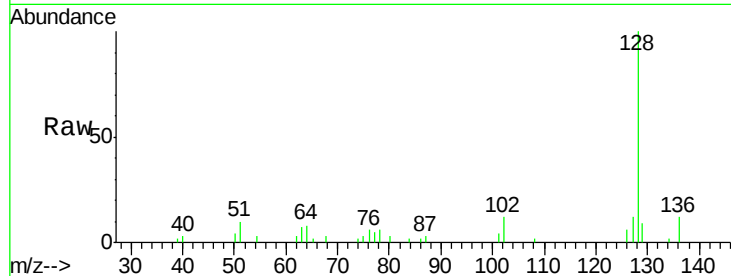




#31
Naphthalene
Concen: 2.20 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.10 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

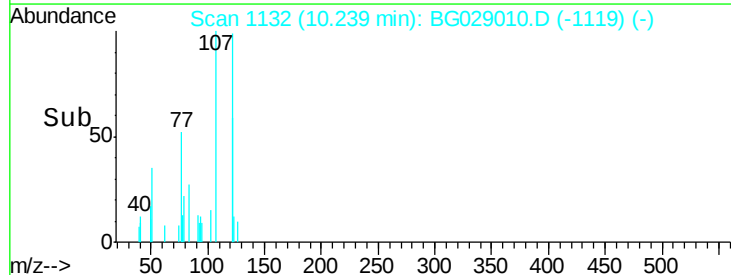
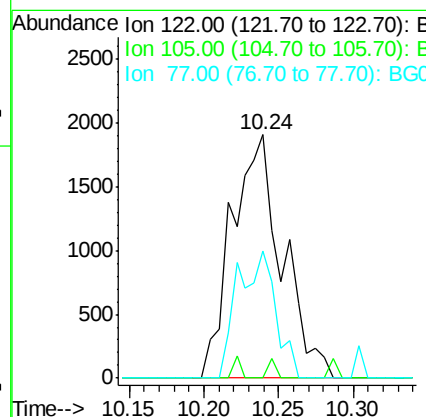
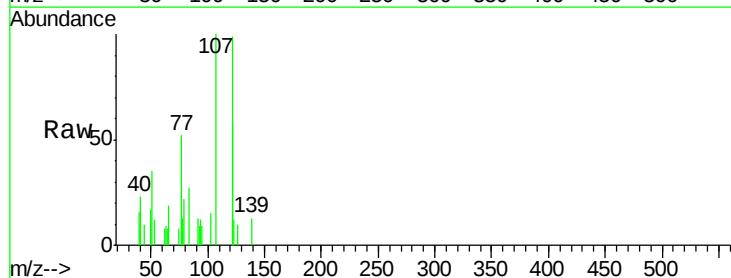
Instrument :
BNA_G
ClientSampleId :

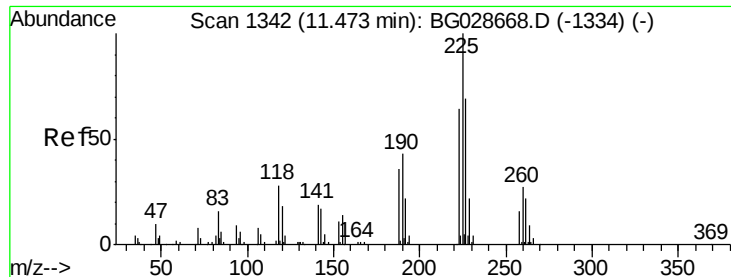
Tot Ion:128 Resp: 15750
Ion Ratio Lower Upper
128 100
129 9.3 9.3 13.9
127 11.6 11.4 17.0



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.24 min Scan# 1132
Delta R.T. -0.22 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion:122 Resp: 4462
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 52.4 104.6 144.6#

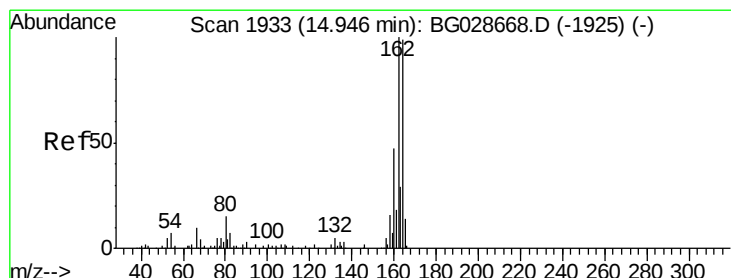
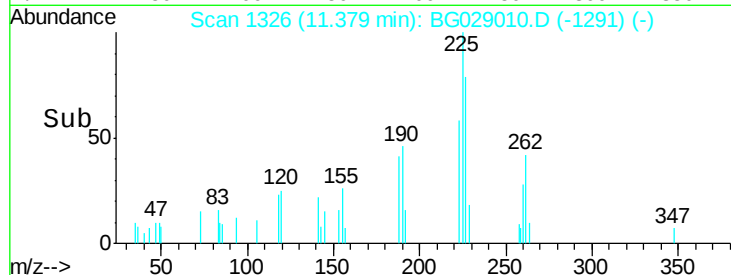
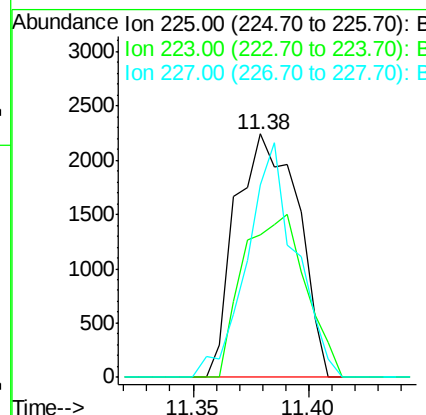
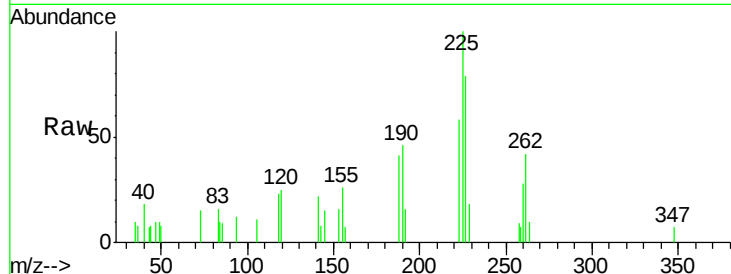




#34
Hexachlorobutadiene
Concen: 2.04 ng
RT: 11.38 min Scan# 1326
Delta R.T. -0.09 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

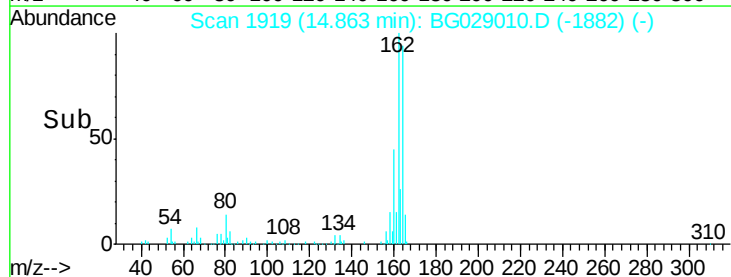
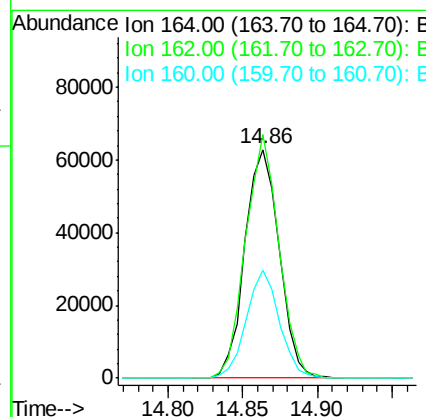
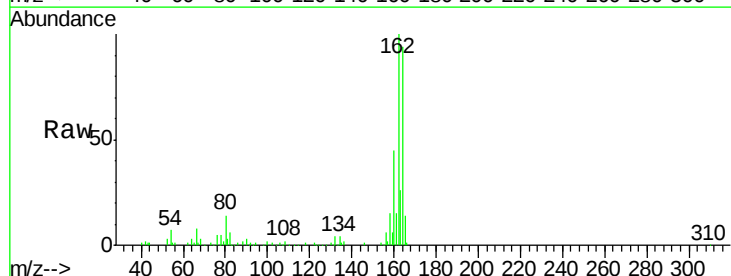
Instrument :
BNA_G
ClientSampleId :

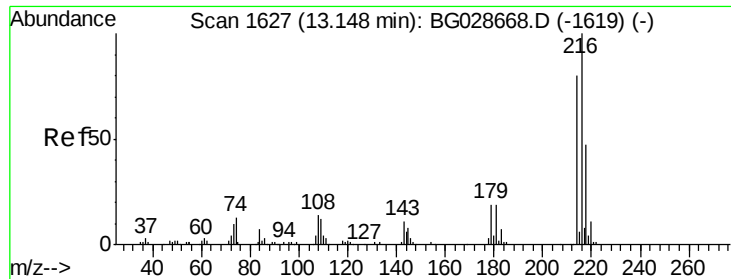
Tot Ion:225 Resp: 4202
Ion Ratio Lower Upper
225 100
223 58.4 50.7 76.1
227 79.0 49.0 73.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion:164 Resp: 100450
Ion Ratio Lower Upper
164 100
162 106.6 85.1 127.7
160 47.5 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.01 ng

RT: 13.08 min Scan# 1615

Delta R.T. -0.07 min

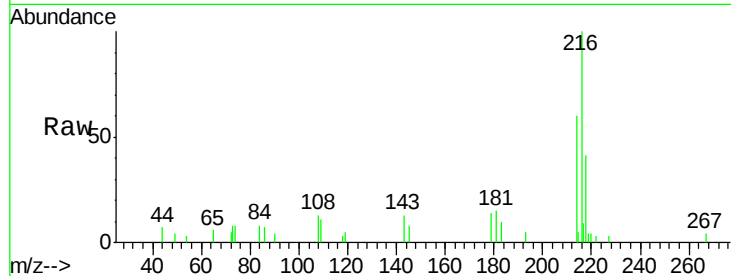
Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :



Tot Ion:216 Resp: 8317

Ion Ratio Lower Upper

216 100

214 84.7 64.4 96.6

179 19.0 17.4 26.0

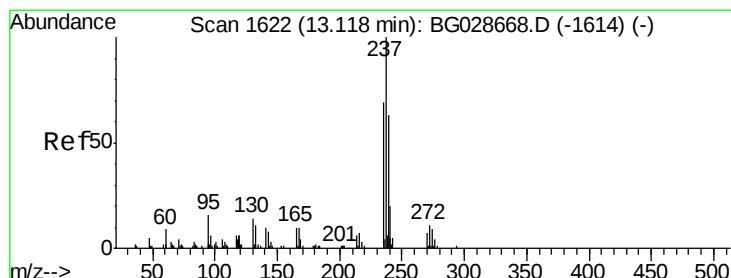
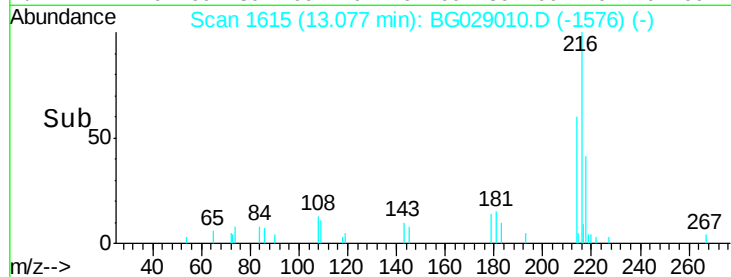
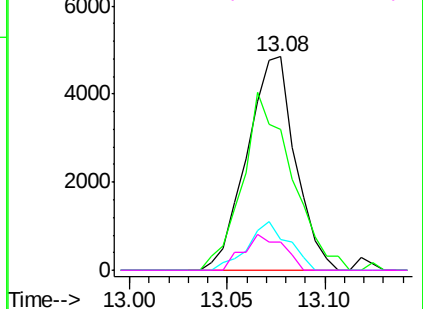
108 13.7 15.6 23.4#

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.64 ng

RT: 13.04 min Scan# 1608

Delta R.T. -0.08 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Tgt Ion:237 Resp: 71

Ion Ratio Lower Upper

237 100

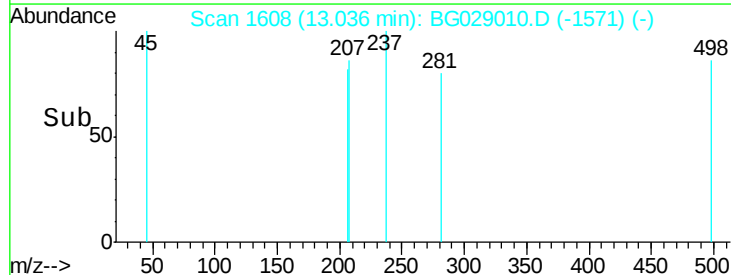
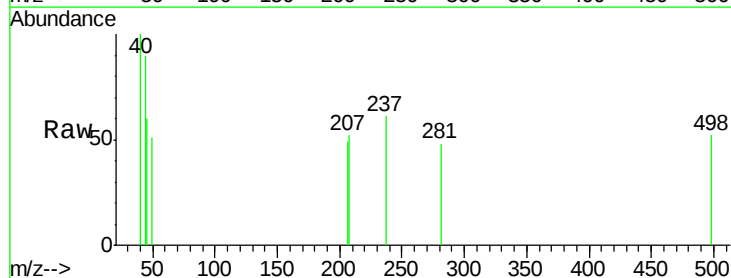
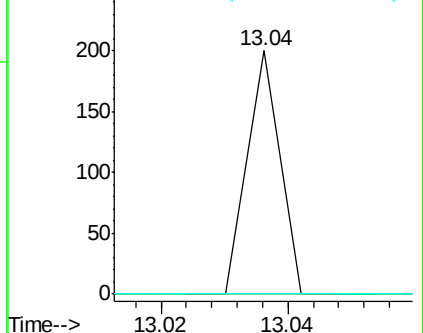
235 0.0 39.4 79.4#

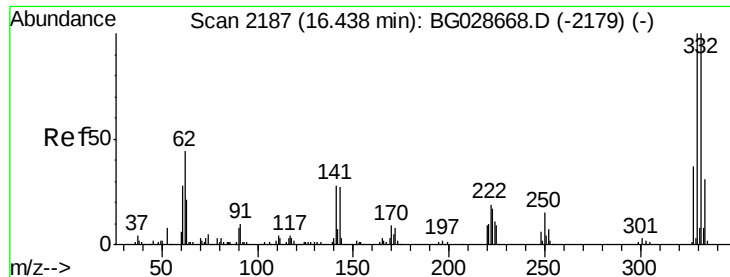
272 0.0 0.0 32.0

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

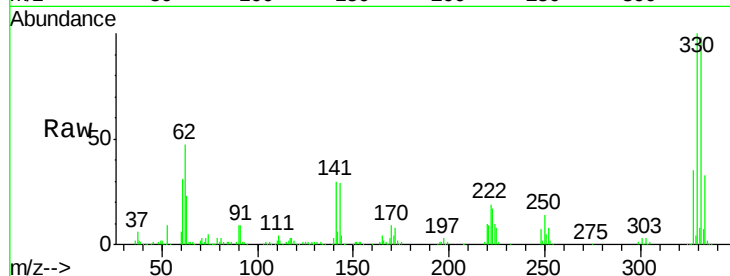




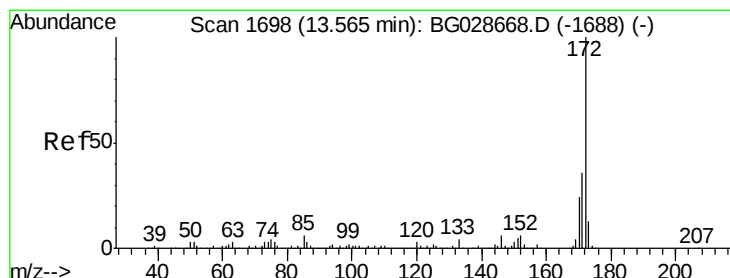
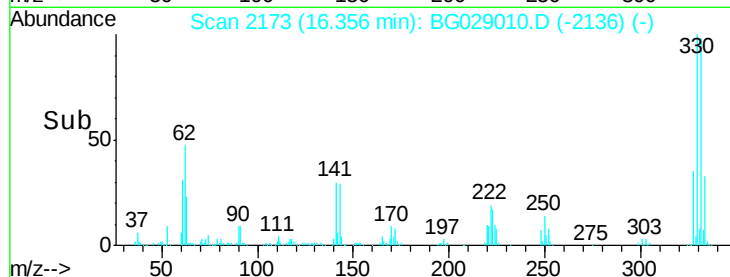
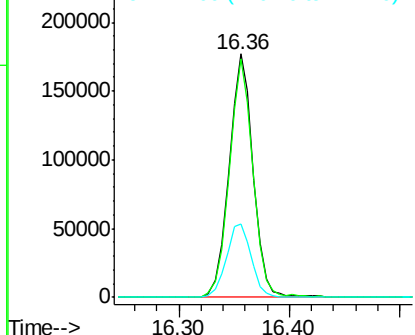
#41
 2,4,6-Tribromophenol
 Concen: 161.46 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.3	32.1	48.1#

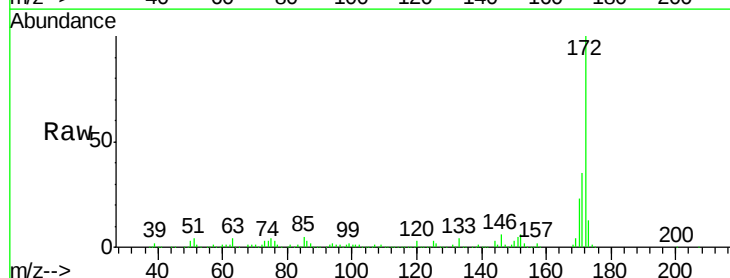


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

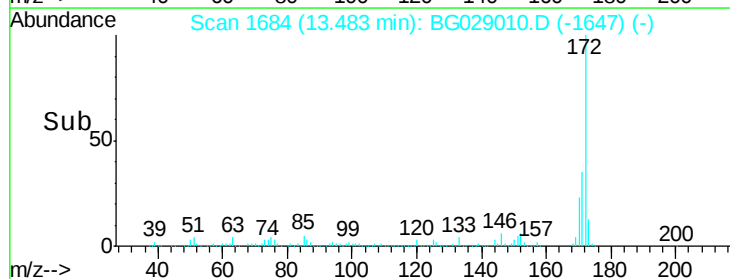
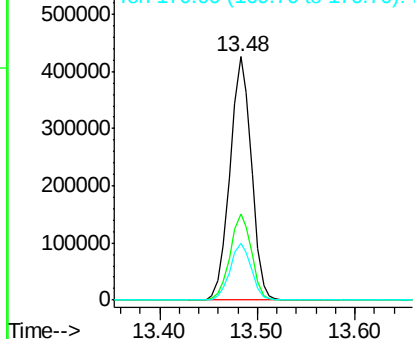


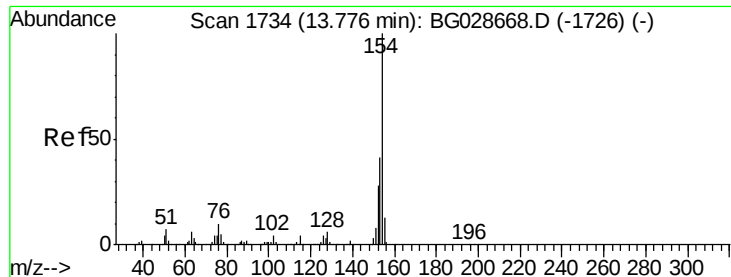
#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.4	21.8	32.6



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





#45

1,1'-Biphenyl

Concen: 2.10 ng

RT: 13.69 min Scan# 1720

Delta R.T. -0.08 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

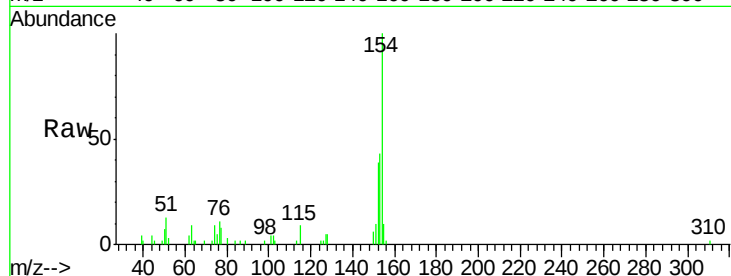
Tot Ion:154 Resp: 17506

Ion Ratio Lower Upper

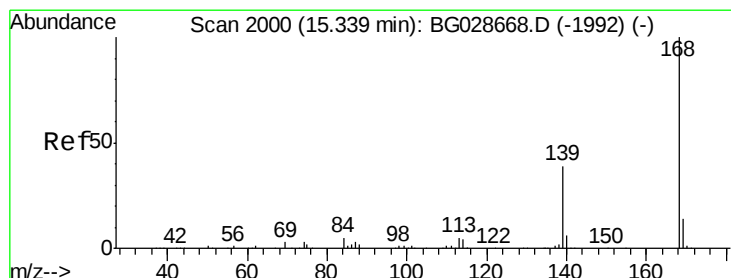
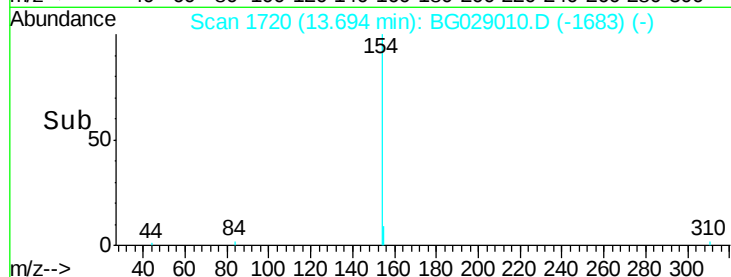
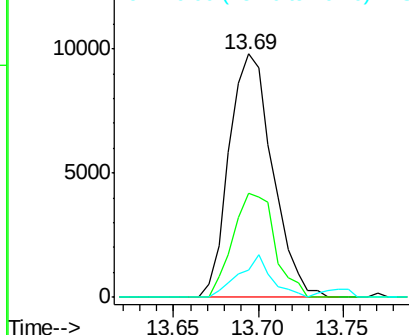
154 100

153 42.7 23.0 63.0

76 11.2 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#54

Dibenzofuran

Concen: 2.03 ng

RT: 15.26 min Scan# 1987

Delta R.T. -0.08 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

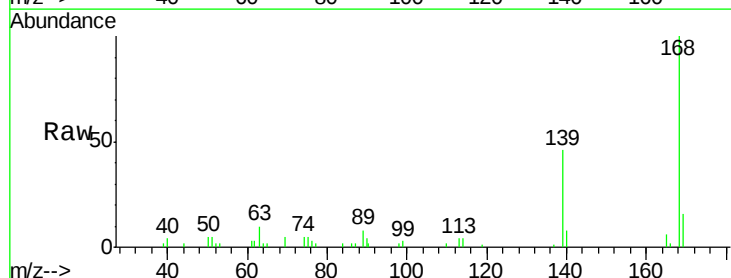
Tgt Ion:168 Resp: 19095

Ion Ratio Lower Upper

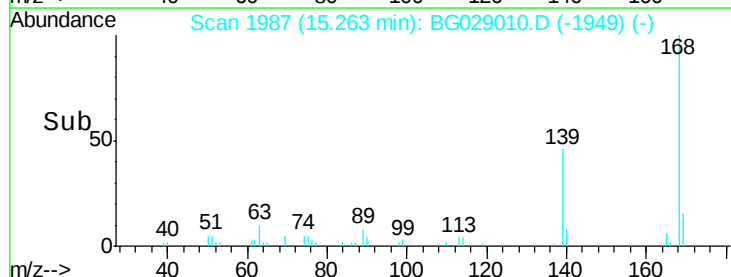
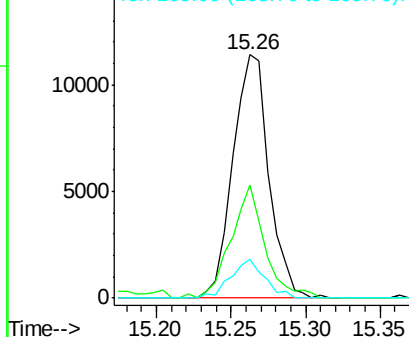
168 100

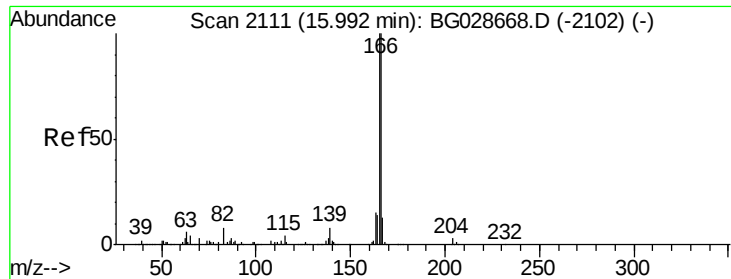
139 46.2 35.3 52.9

169 16.1 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

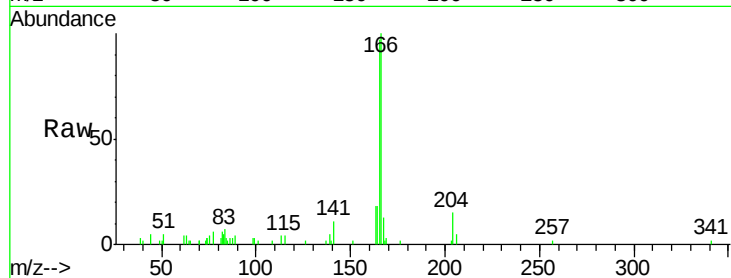




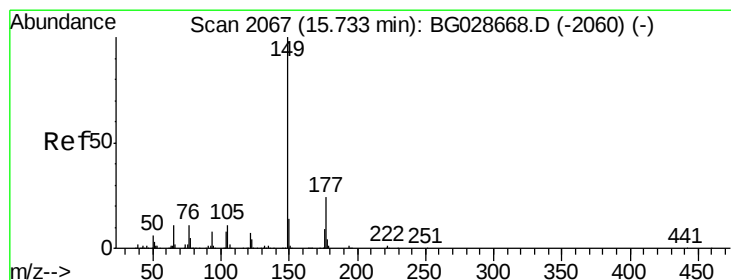
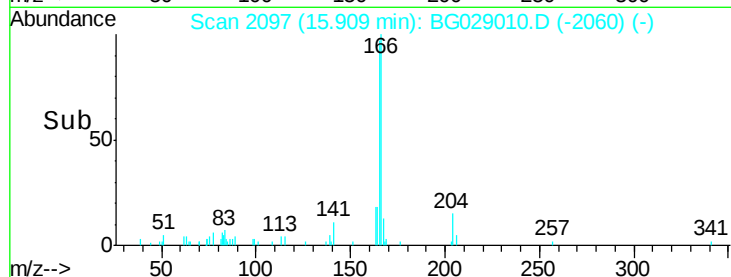
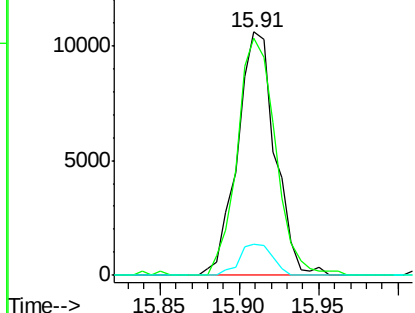
#57
 Fluorene
 Concen: 2.08 ng
 RT: 15.91 min Scan# 2097
 Delta R.T. -0.08 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 17452
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.6 117.8
 167 12.9 11.6 17.4

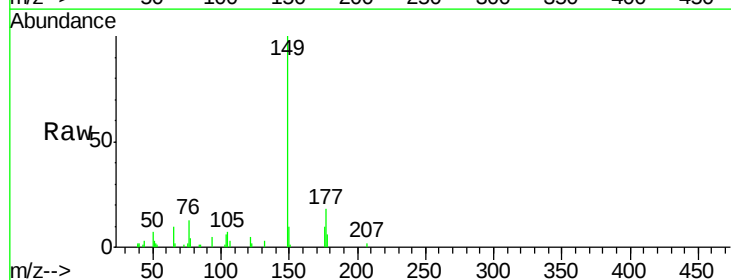


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

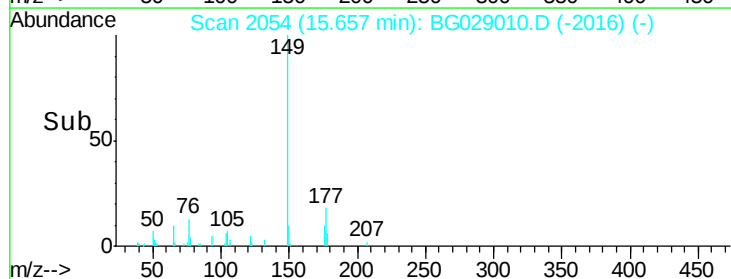
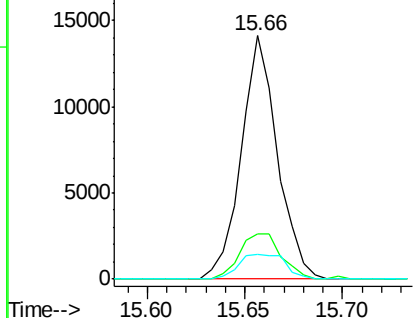


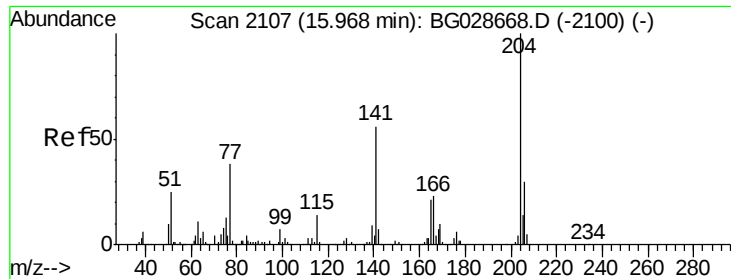
#59
 Diethylphthalate
 Concen: 2.08 ng
 RT: 15.66 min Scan# 2054
 Delta R.T. -0.08 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Tgt Ion:149 Resp: 18048
 Ion Ratio Lower Upper
 149 100
 177 18.4 20.1 30.1#
 150 10.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

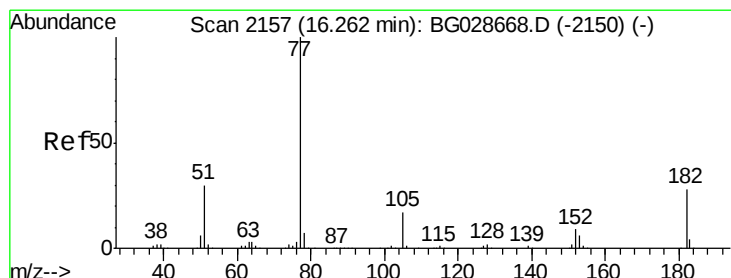
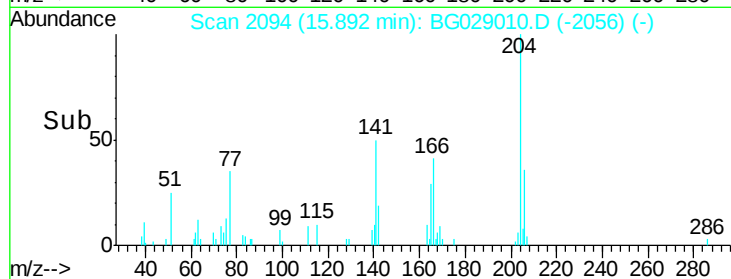
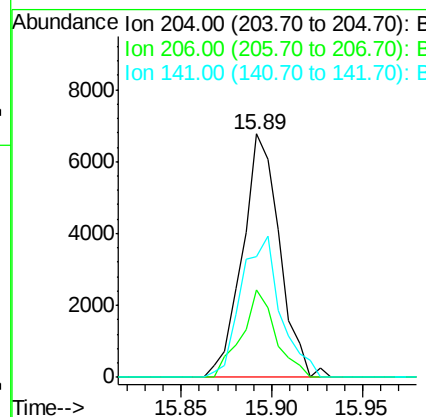
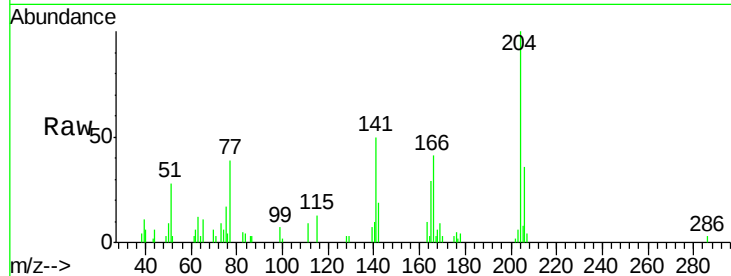




#60
4-Chlorophenyl-phenylether
Concen: 2.01 ng
RT: 15.89 min Scan# 2094
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

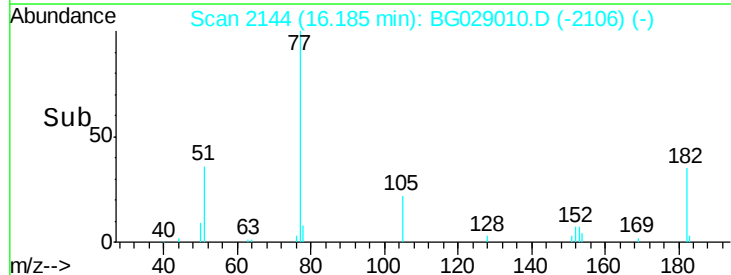
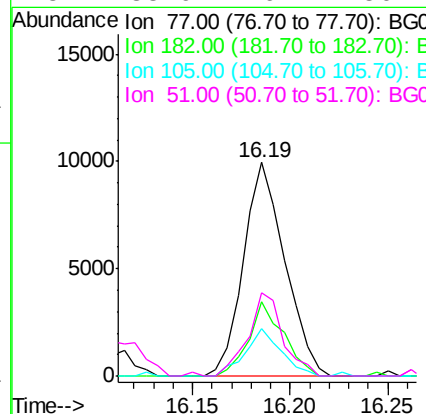
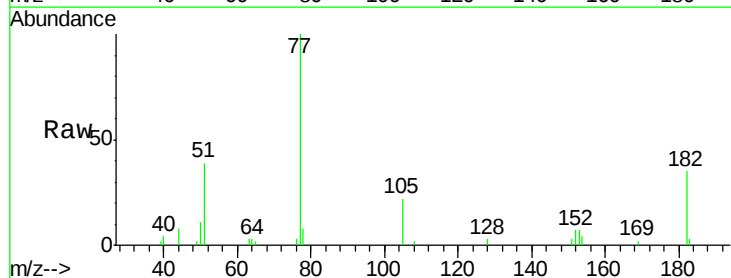
Instrument :
BNA_G
ClientSampleId :

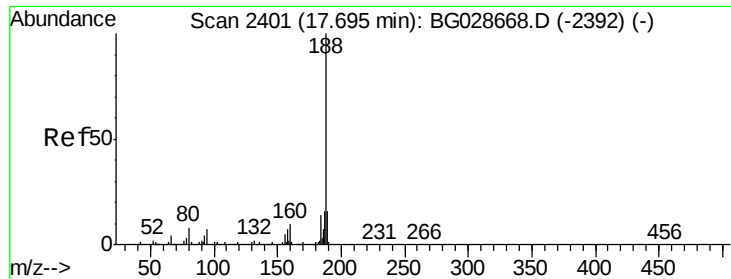
Tot Ion: 204 Resp: 9607
Ion Ratio Lower Upper
204 100
206 35.7 30.1 45.1
141 49.8 50.6 76.0#



#62
Azobenzene
Concen: 2.00 ng
RT: 16.19 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion: 77 Resp: 14576
Ion Ratio Lower Upper
77 100
182 34.7 4.7 44.7
105 22.1 0.0 36.3
51 38.9 16.4 56.4

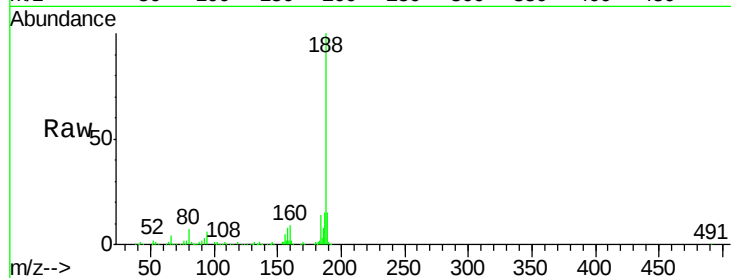




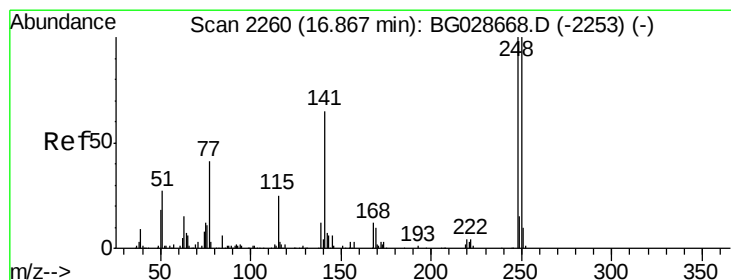
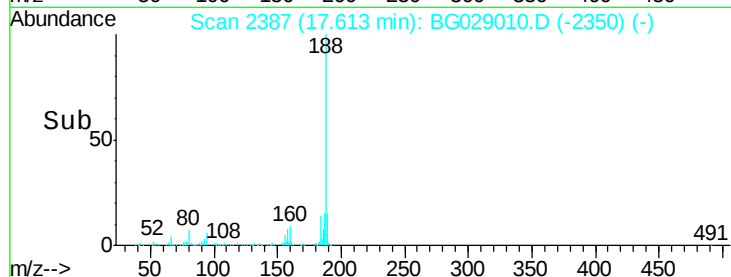
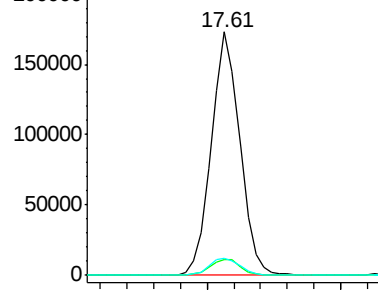
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 256010
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.2 7.5 11.3#

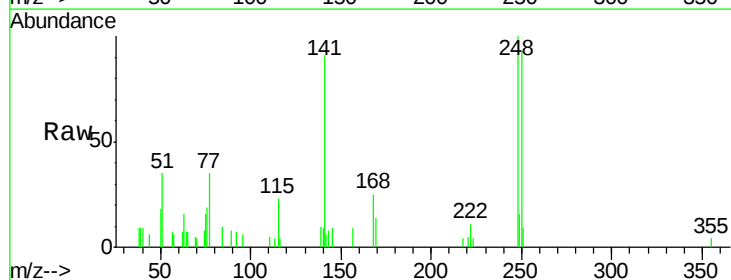


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

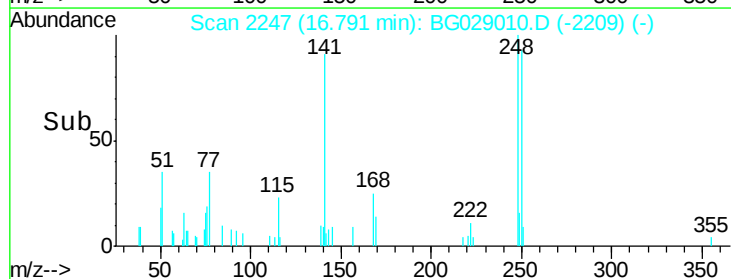
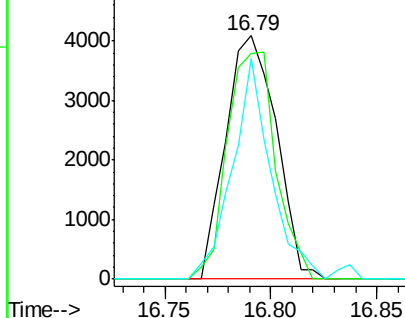


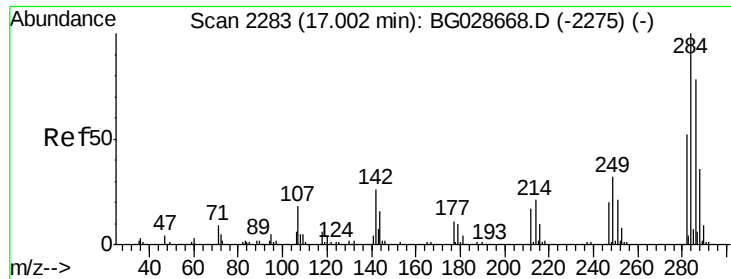
#66
4-Bromophenyl-phenylether
Concen: 2.06 ng
RT: 16.79 min Scan# 2247
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion:248 Resp: 6783
Ion Ratio Lower Upper
248 100
250 92.5 75.0 112.6
141 90.8 55.2 82.8#



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

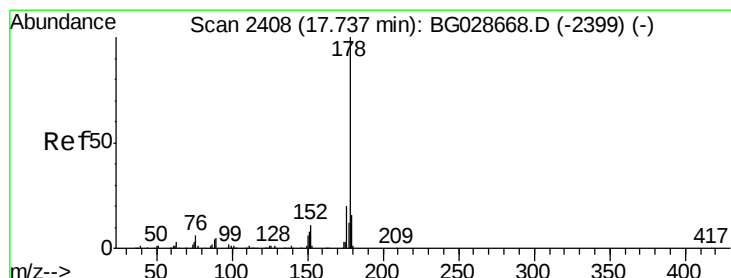
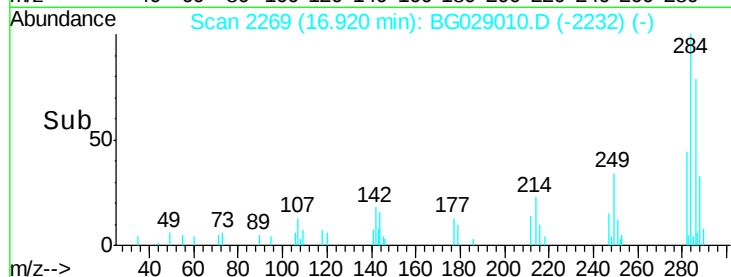
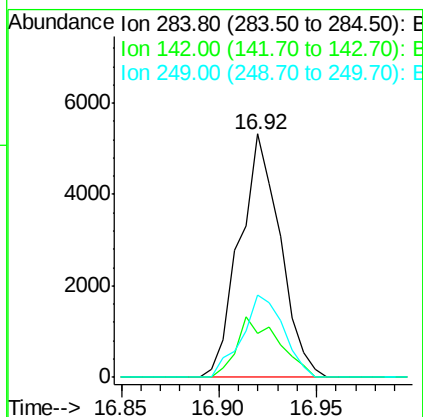
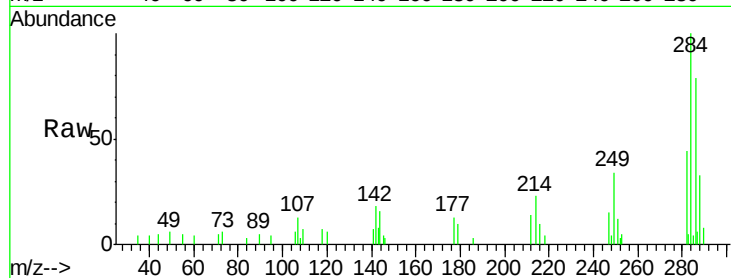




#67
Hexachlorobenzene
Concen: 2.05 ng
RT: 16.92 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

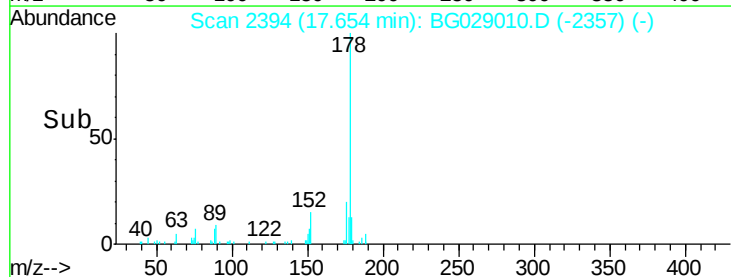
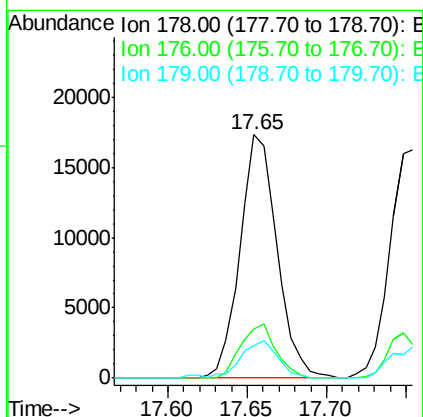
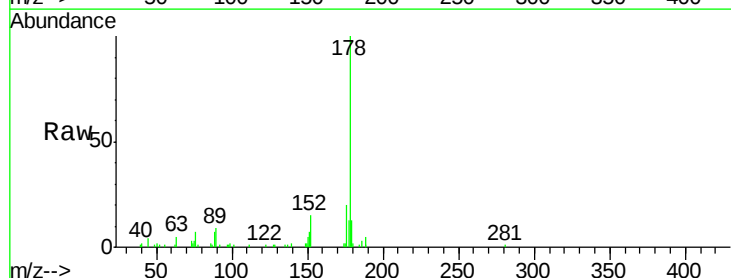
Instrument :
BNA_G
ClientSampleId :

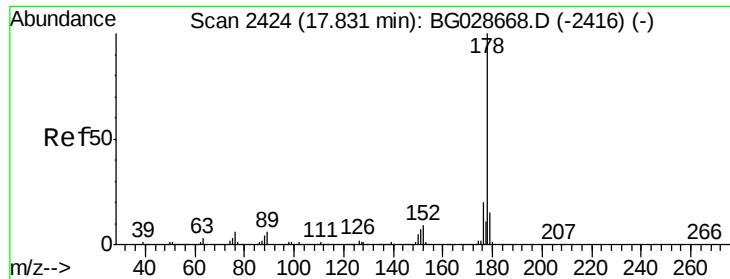
Tot Ion:284 Resp: 7673
Ion Ratio Lower Upper
284 100
142 18.1 29.9 44.9#
249 33.6 29.2 43.8



#70
Phenanthrene
Concen: 2.15 ng
RT: 17.65 min Scan# 2394
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion:178 Resp: 28161
Ion Ratio Lower Upper
178 100
176 20.3 17.7 26.5
179 13.3 15.0 22.6#

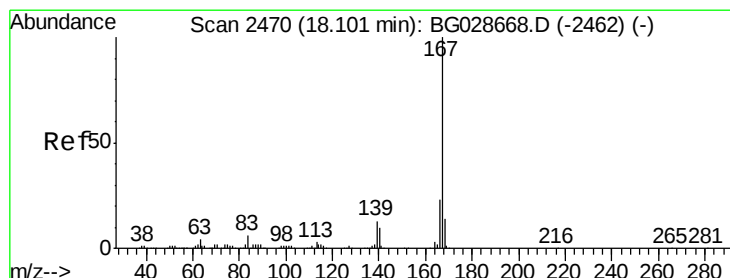
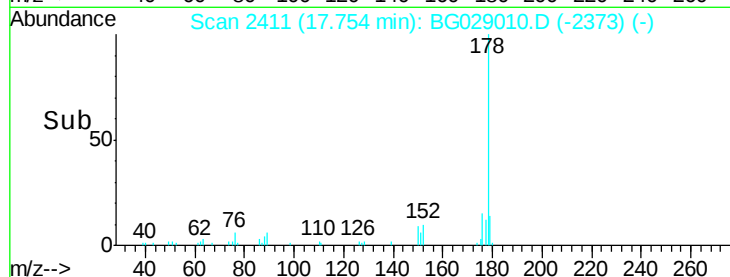
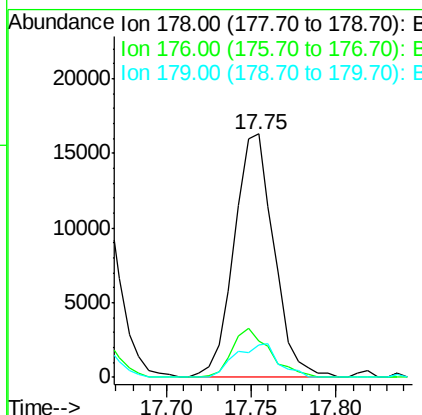
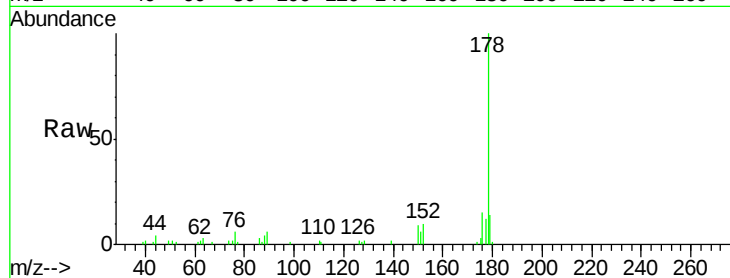




#71
 Anthracene
 Concen: 2.02 ng
 RT: 17.75 min Scan# 2411
 Delta R.T. -0.08 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

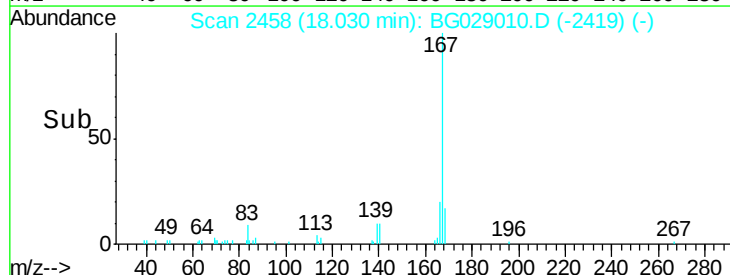
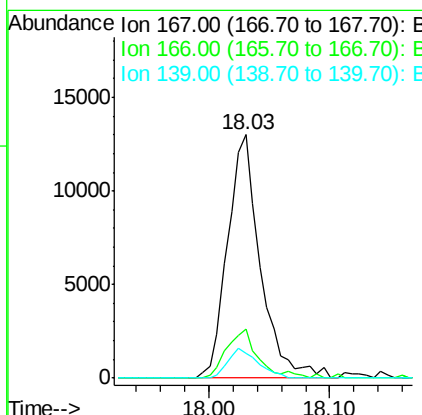
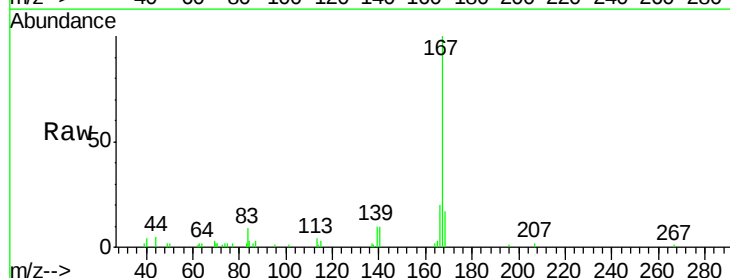
Instrument :
 BNA_G
 ClientSampled :

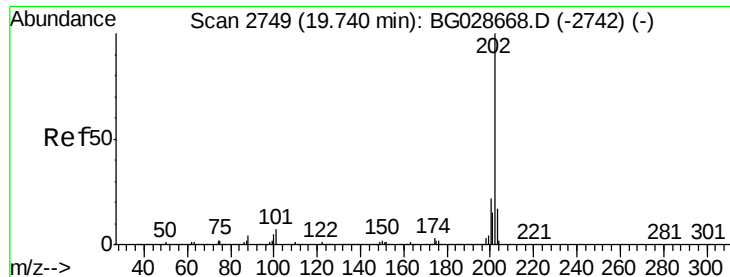
Tot Ion:178 Resp: 26695
 Ion Ratio Lower Upper
 178 100
 176 14.7 16.4 24.6#
 179 13.5 13.8 20.8#



#72
 Carbazole
 Concen: 2.07 ng
 RT: 18.03 min Scan# 2458
 Delta R.T. -0.07 min
 Lab File: BG029010.D
 Acq: 3 Oct 2017 18:03

Tgt Ion:167 Resp: 24631
 Ion Ratio Lower Upper
 167 100
 166 20.2 20.2 30.2
 139 10.2 12.8 19.2#





#74

Fluoranthene

Concen: 2.07 ng

RT: 19.66 min Scan# 2735

Delta R.T. -0.08 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

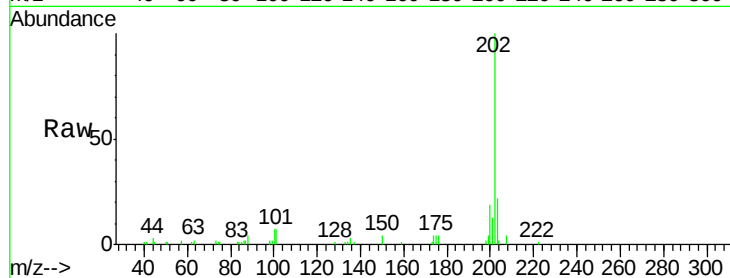
Tot Ion:202 Resp: 33119

Ion Ratio Lower Upper

202 100

101 7.2 0.0 30.1

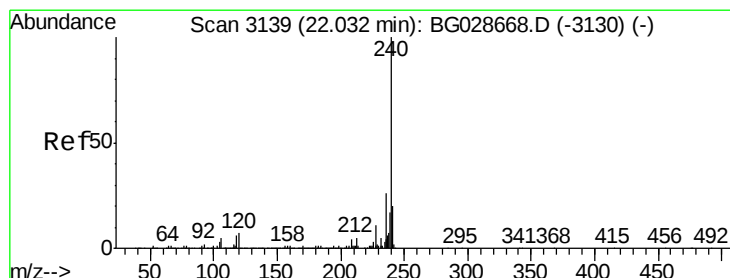
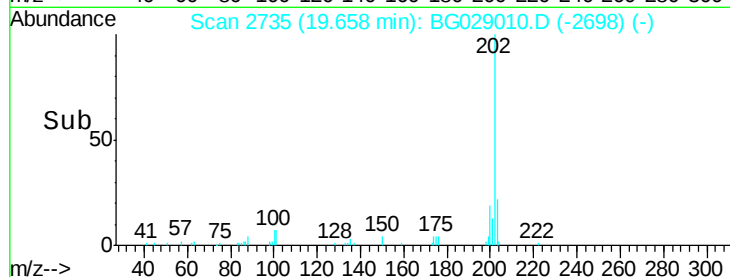
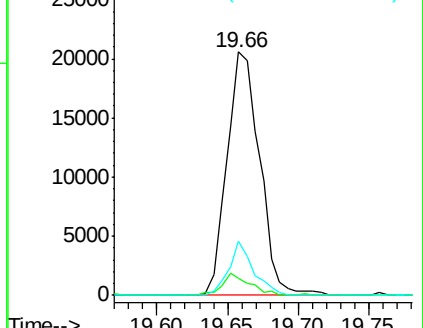
203 22.2 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

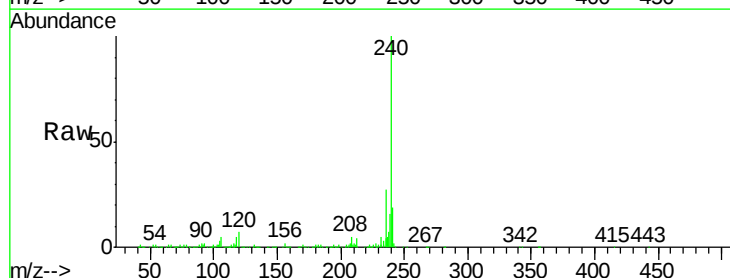
Tgt Ion:240 Resp: 291096

Ion Ratio Lower Upper

240 100

120 7.3 5.7 8.5

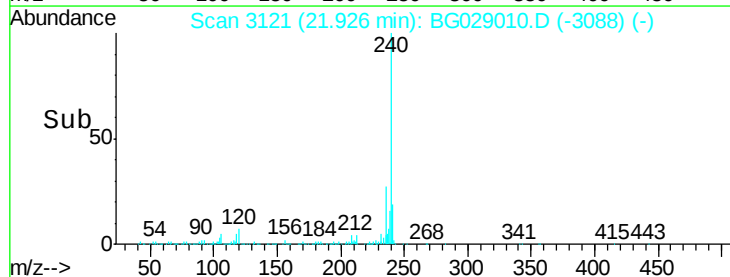
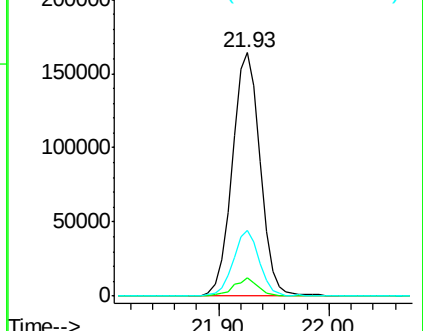
236 26.8 22.2 33.4

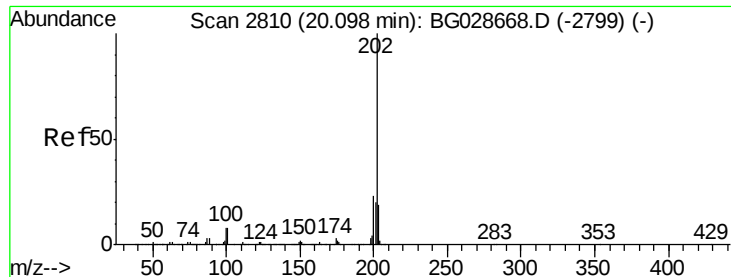


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

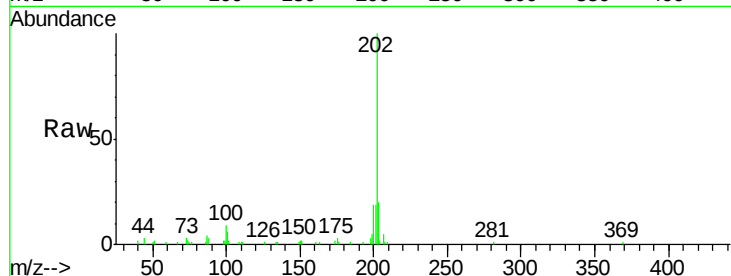




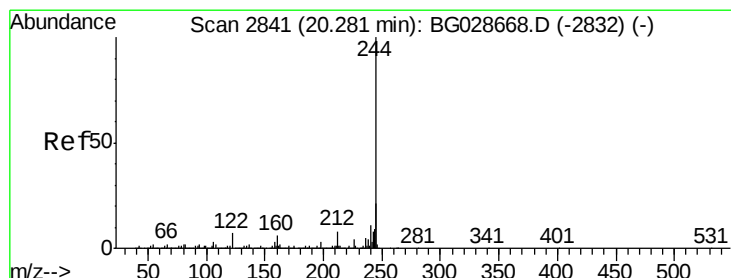
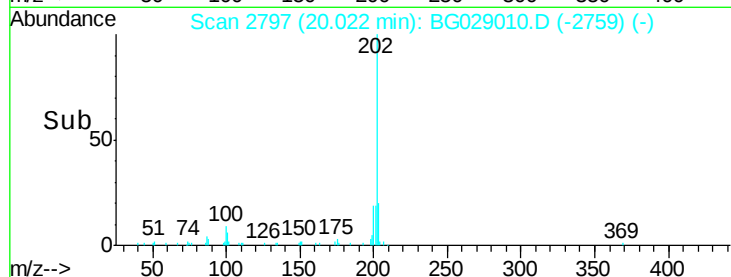
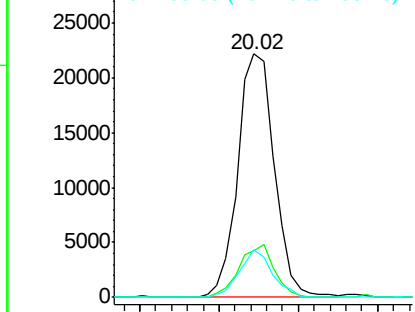
#77
Pvrene
Concen: 2.12 ng
RT: 20.02 min Scan# 2797
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.3	19.6	29.4#
203	19.5	15.8	23.8

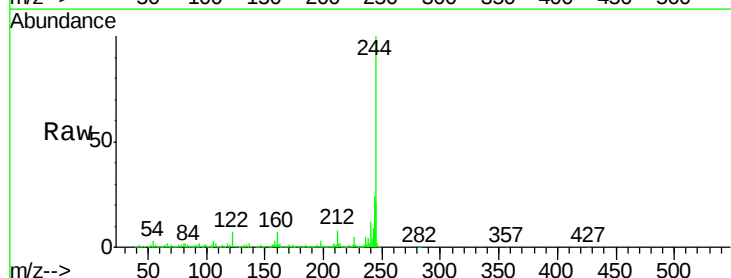


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

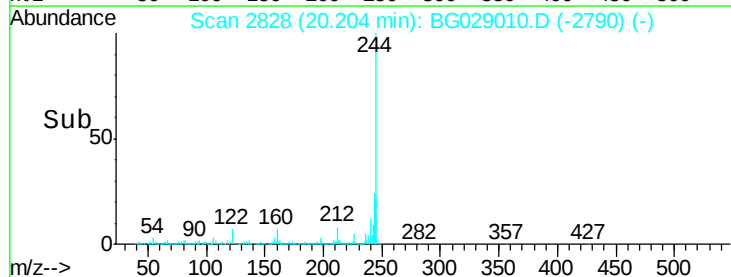
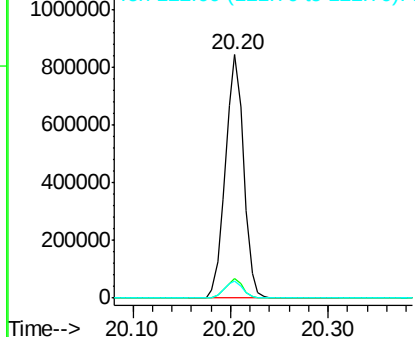


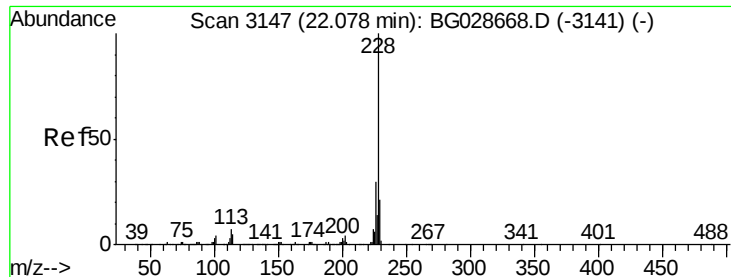
#78
Terphenyl-d14
Concen: 80.08 ng
RT: 20.20 min Scan# 2828
Delta R.T. -0.08 min
Lab File: BG029010.D
Acq: 3 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.9	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





#82

Chrysene

Concen: 2.11 ng

RT: 21.90 min Scan# 3117

Delta R.T. -0.18 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

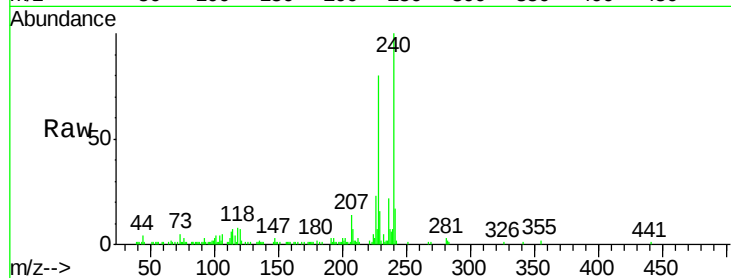
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 35004

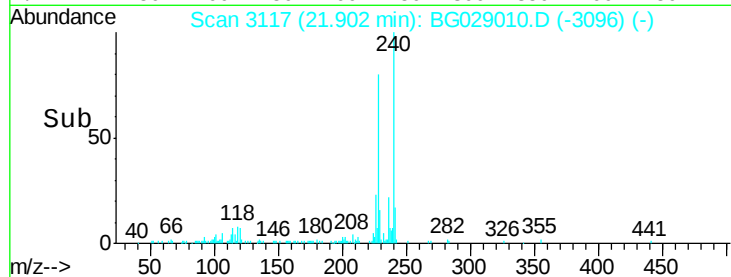
Ion	Ratio	Lower	Upper
228	100		
226	29.0	27.0	40.4
229	19.6	17.8	26.6



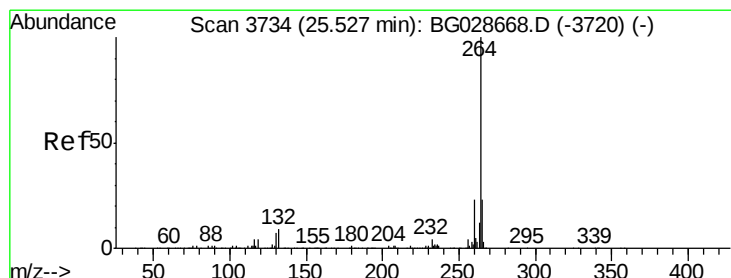
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3704

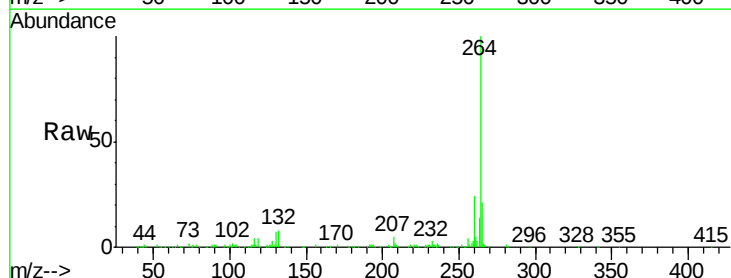
Delta R.T. -0.18 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Tgt Ion:264 Resp: 279166

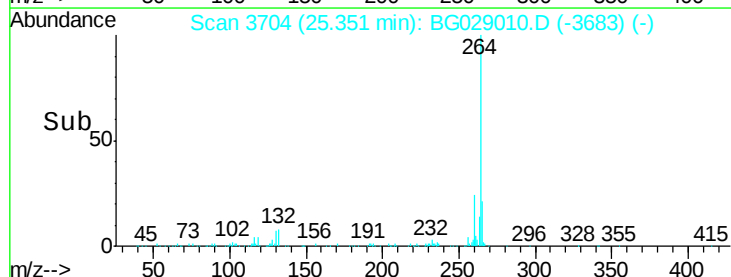
Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.4	18.2	27.4



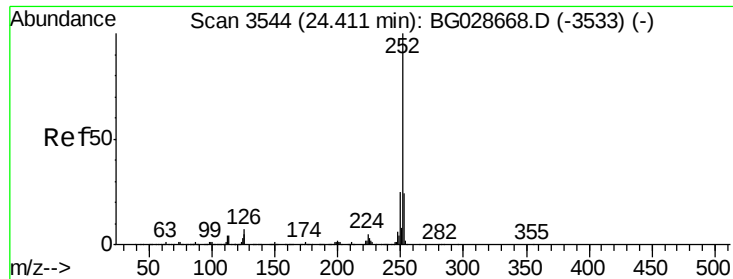
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 2.08 ng

RT: 24.25 min Scan# 3517

Delta R.T. -0.16 min

Lab File: BG029010.D

Acq: 3 Oct 2017 18:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 34771

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

125 7.7 5.3 7.9

