

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028849.D
 Acq On : 21 Sep 2017 9:07
 Operator : SJ/JU
 Sample : I5310-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 10:27:12 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

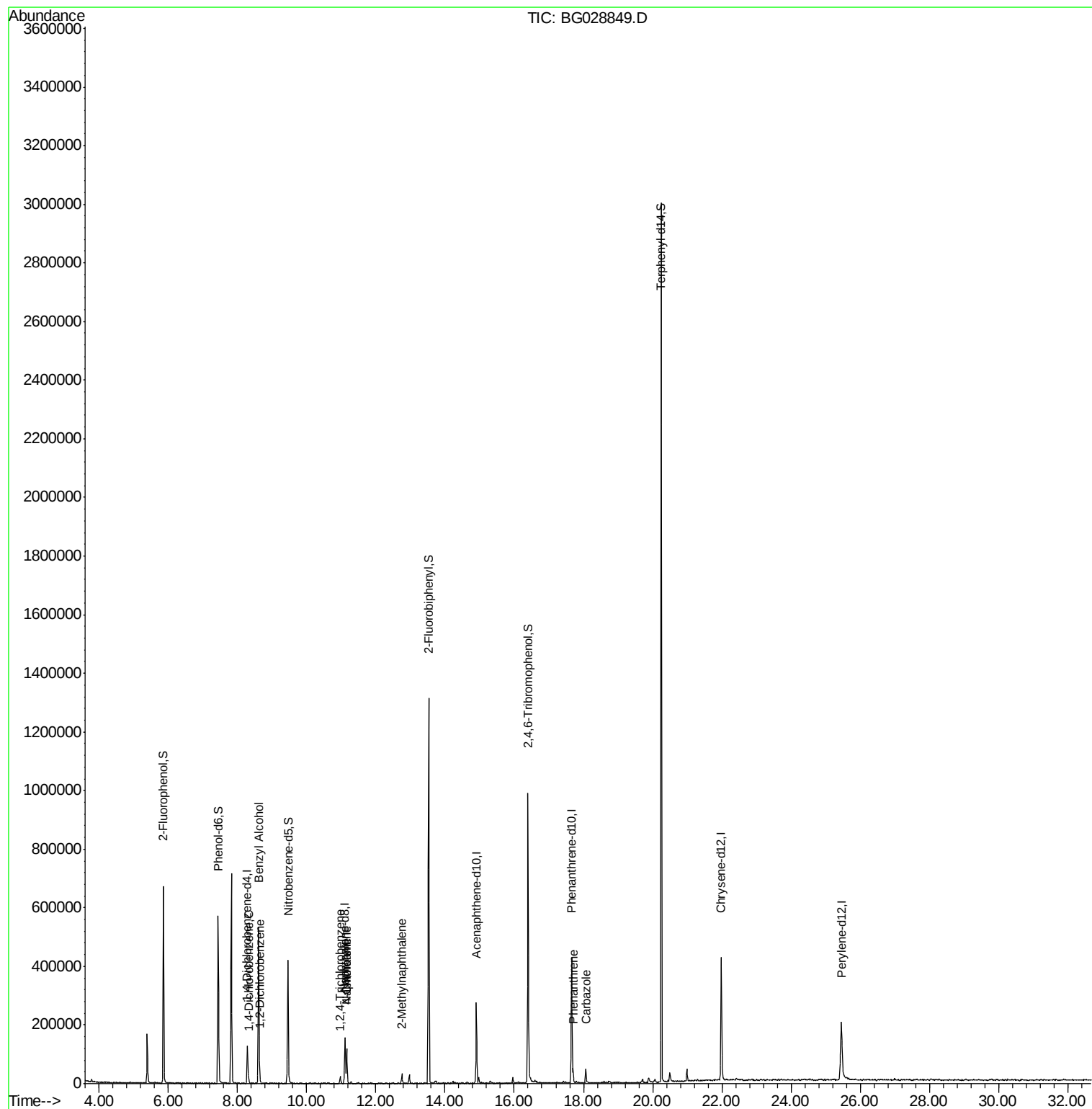
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33303	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	135976	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	98663	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	277096	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	311462	20.00	ng	-0.05
86) Perylene-d12	25.45	264	303719	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	283391	140.41	ng	-0.04
7) Phenol-d6	7.45	99	344797	113.46	ng	-0.04
23) Nitrobenzene-d5	9.46	82	279520	98.34	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	227579	139.46	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	703822	95.12	ng	-0.04
78) Terphenyl-d14	20.25	244	1405328	96.22	ng	-0.03
Target Compounds						
13) 1,4-Dichlorobenzene	8.33	146	10028	4.025	ng	96
14) 1,2-Dichlorobenzene	8.65	146	5563	2.260	ng	98
15) Benzyl Alcohol	8.62	79	5198	2.191	ng	# 61
30) 1,2,4-Trichlorobenzene	10.97	180	9704	3.491	ng	98
31) Naphthalene	11.16	128	104155	14.666	ng	95
33) 4-Chloroaniline	11.16	127	13459	4.524	ng	# 33
37) 2-Methylnaphthalene	12.75	142	17271	3.257	ng	97
70) Phenanthrene	17.70	178	31985	2.257	ng	95
72) Carbazole	18.07	167	38577	2.992	ng	92

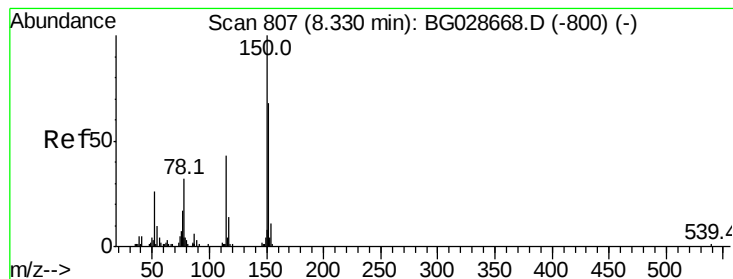
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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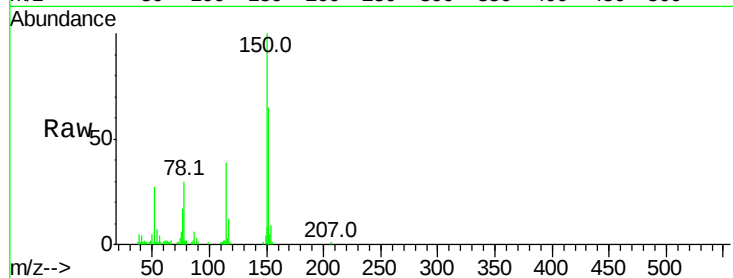


#1

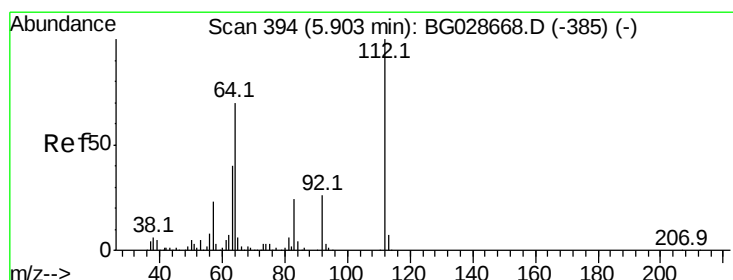
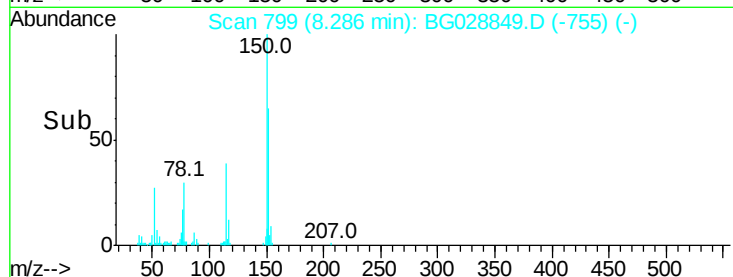
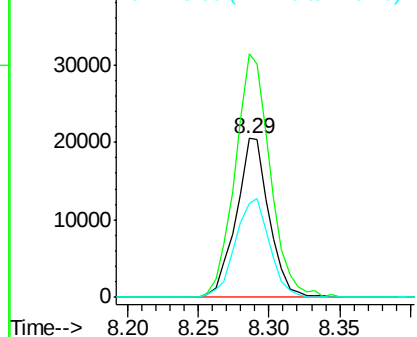
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 799
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33303
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 59.4 48.1 72.1



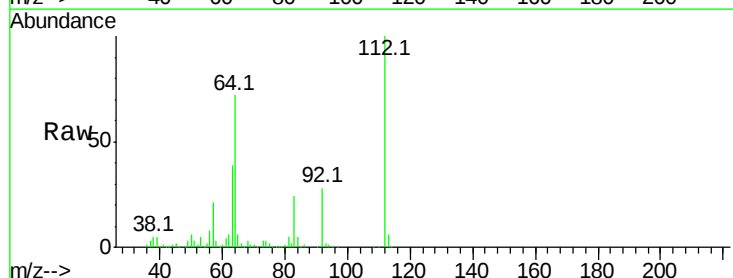
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



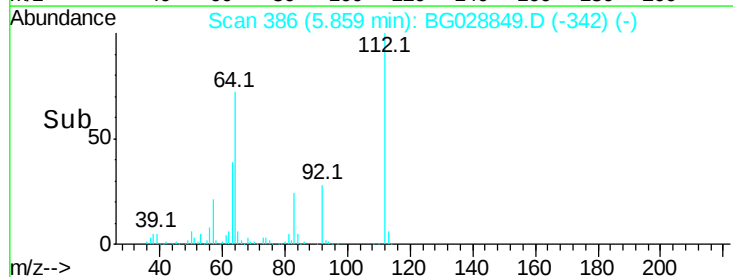
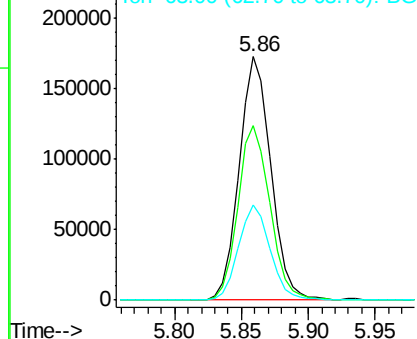
#5

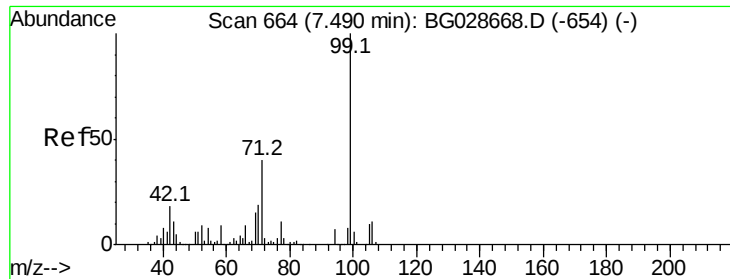
2-Fluorophenol
Concen: 140.410 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Tgt Ion:112 Resp: 283391
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 38.9 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.465 ng

RT: 7.45 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

Instrument :

BNA_G

ClientSampleId :

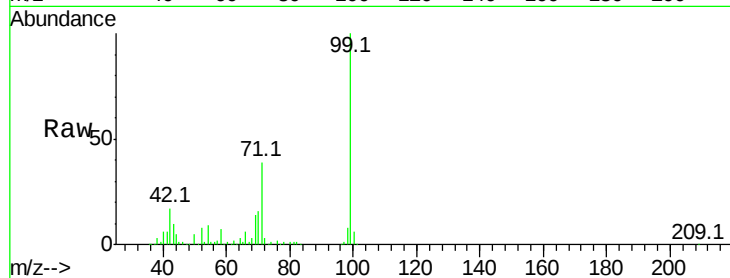
Tot Ion: 99 Resp: 344797

Ion Ratio Lower Upper

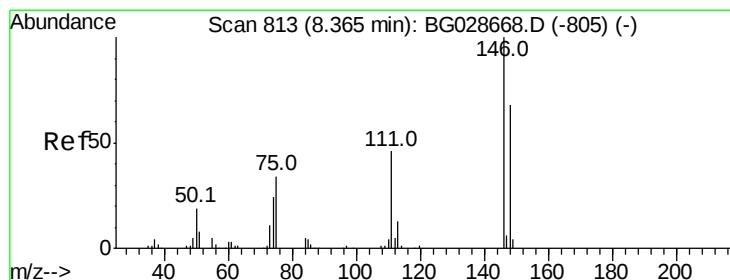
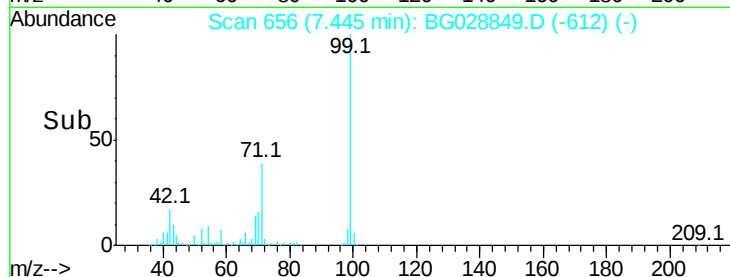
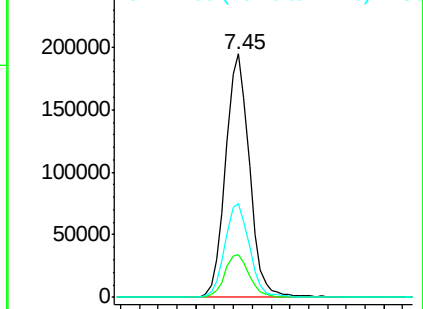
99 100

42 17.4 20.5 30.7#

71 38.5 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



#13

1,4-Dichlorobenzene

Concen: 4.025 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.04 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

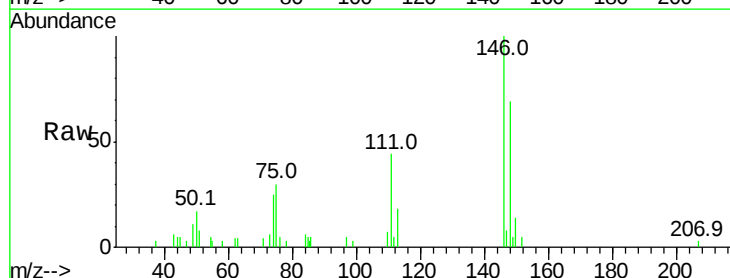
Tgt Ion: 146 Resp: 10028

Ion Ratio Lower Upper

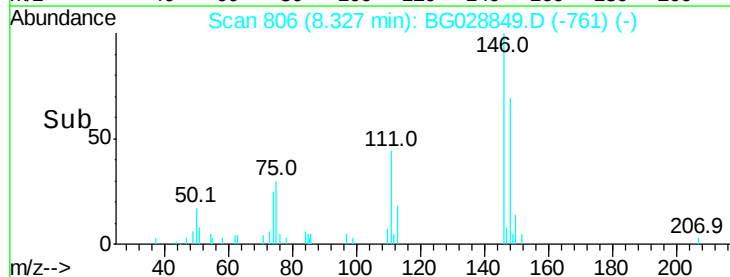
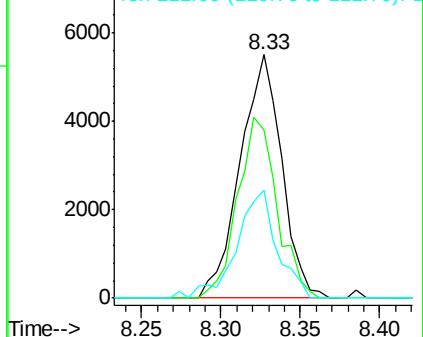
146 100

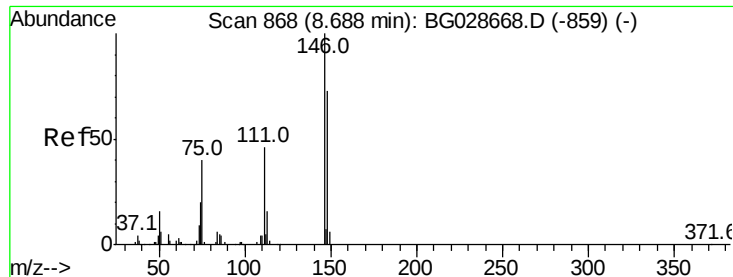
148 69.1 52.2 78.2

111 44.2 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: 2.260 ng

RT: 8.65 min Scan# 861

Delta R.T. -0.04 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

Instrument :

BNA_G

ClientSampled :

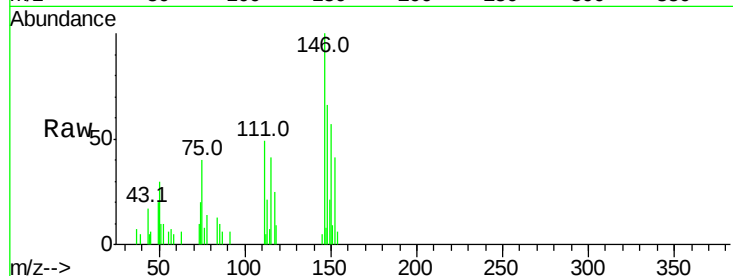
Tot Ion:146 Resp: 5563

Ion Ratio Lower Upper

146 100

148 66.0 54.6 81.8

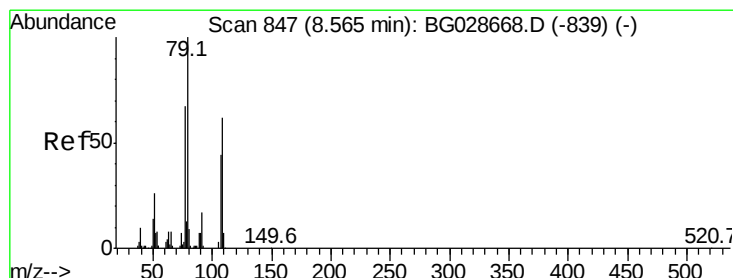
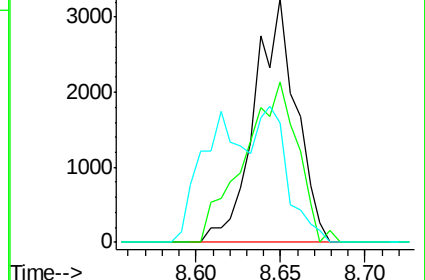
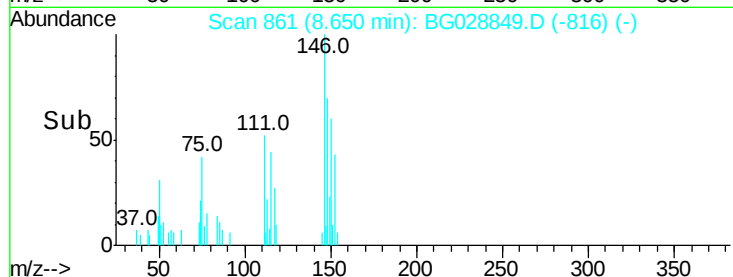
111 48.8 39.7 59.5



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



#15

Benzyl Alcohol

Concen: 2.191 ng

RT: 8.62 min Scan# 856

Delta R.T. 0.06 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

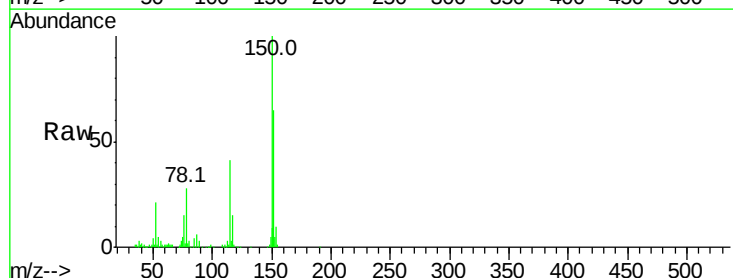
Tgt Ion: 79 Resp: 5198

Ion Ratio Lower Upper

79 100

108 29.4 45.5 68.3#

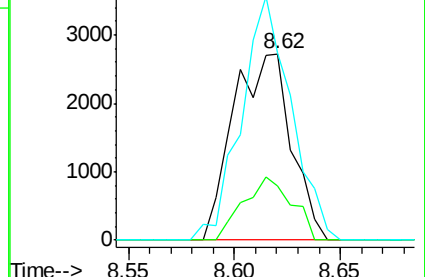
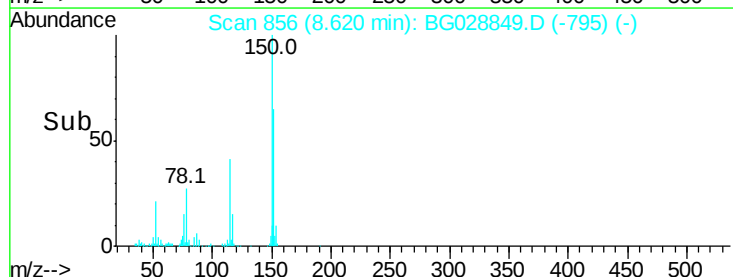
77 100.8 54.3 81.5#

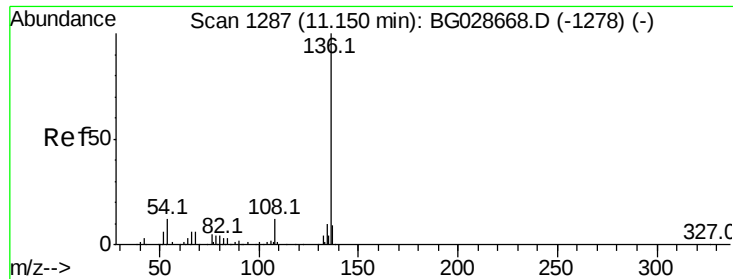


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

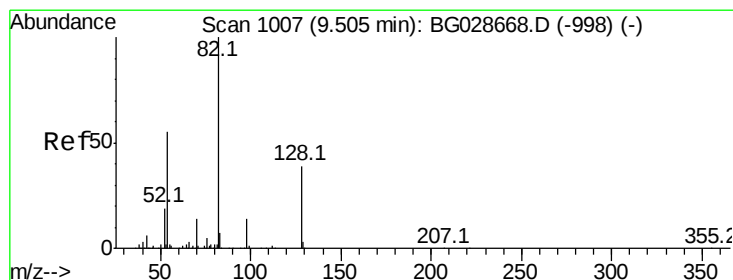
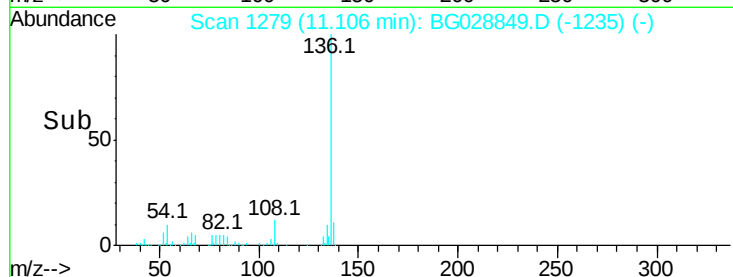
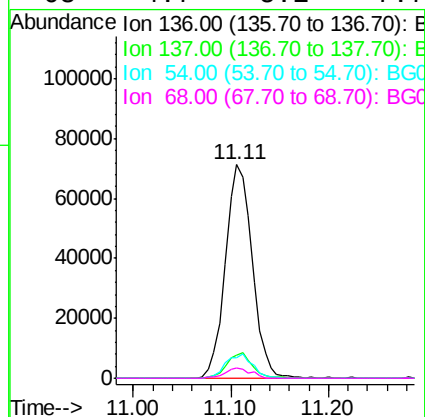
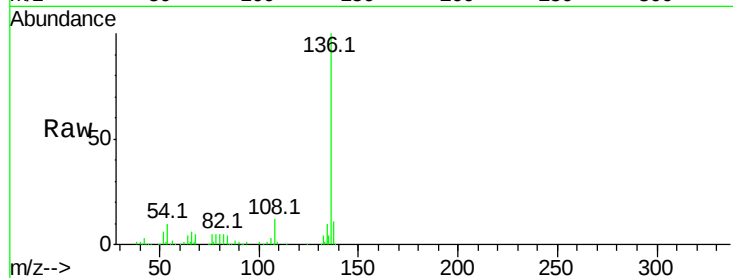




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

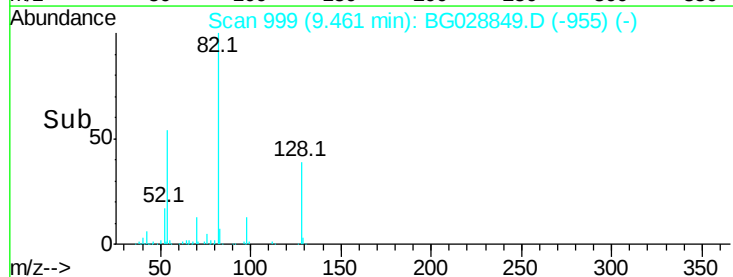
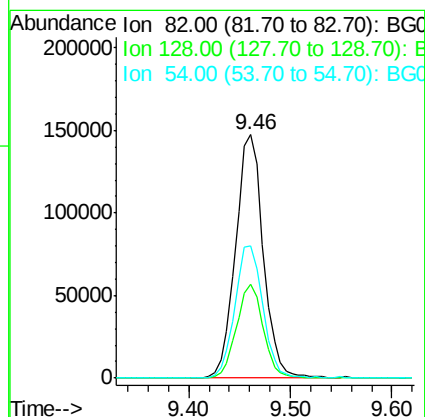
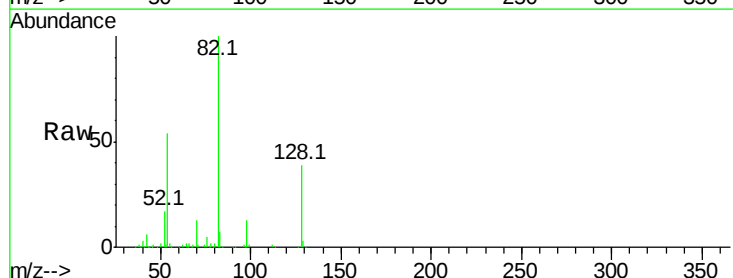
Instrument :
BNA_G
ClientSampleId :

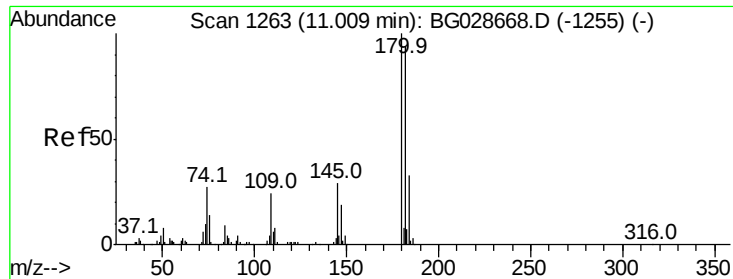
Tot Ion:	136	Resp:	135976
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	9.3	13.9
68	4.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 98.337 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Tgt Ion:	82	Resp:	279520
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	54.2	49.4	74.2

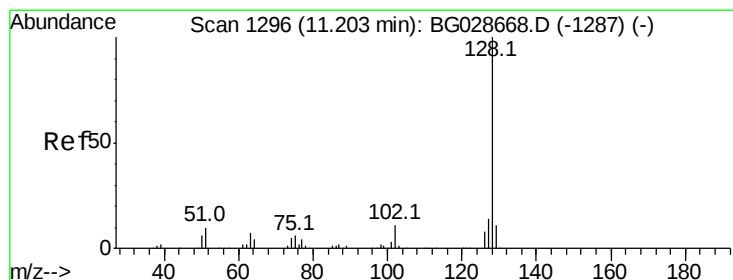
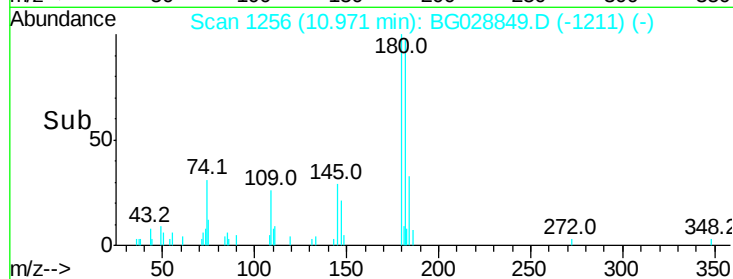
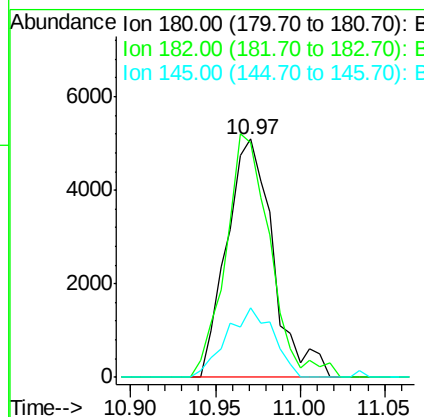
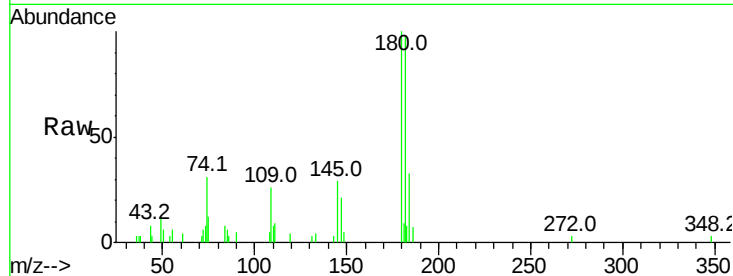




#30
 1,2,4-Trichlorobenzene
 Concen: 3.491 ng
 RT: 10.97 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

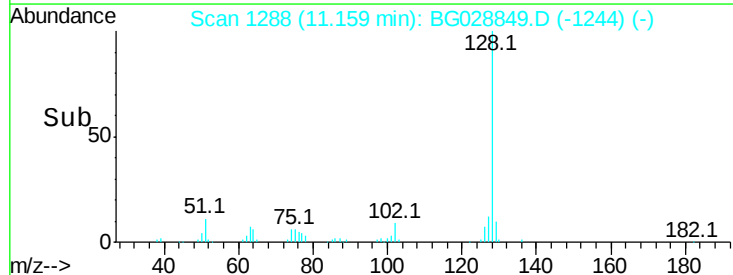
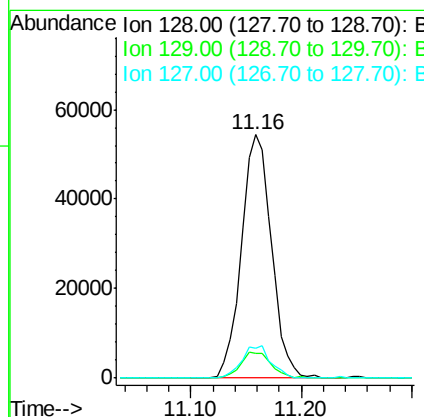
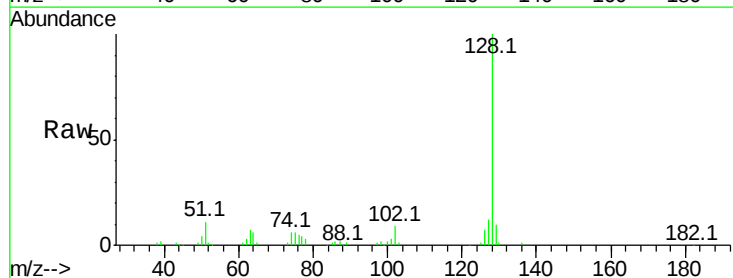
Instrument :
 BNA_G
 ClientSampleId :

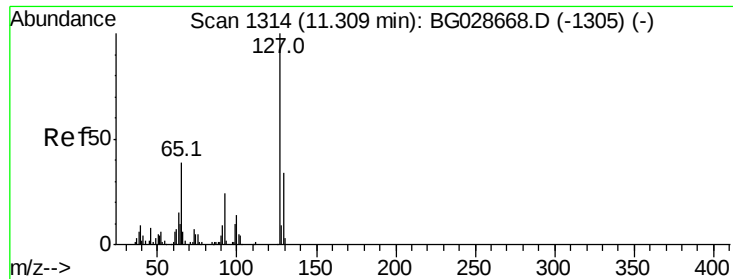
Tot Ion:180 Resp: 9704
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.0 115.4
 145 29.2 23.4 35.0



#31
 Naphthalene
 Concen: 14.666 ng
 RT: 11.16 min Scan# 1288
 Delta R.T. -0.04 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

Tgt Ion:128 Resp: 104155
 Ion Ratio Lower Upper
 128 100
 129 10.1 9.3 13.9
 127 12.1 11.4 17.0

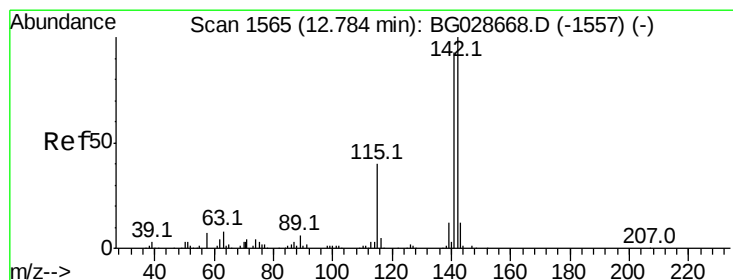
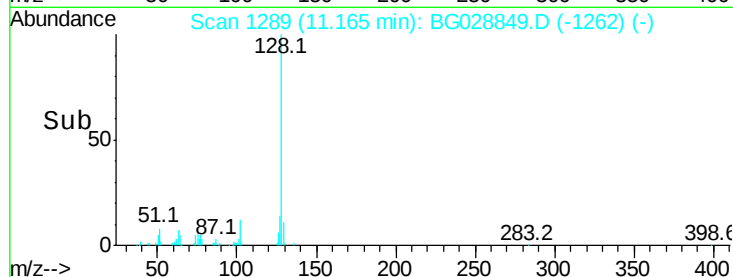
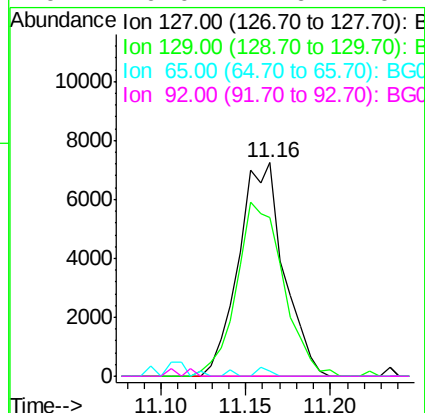
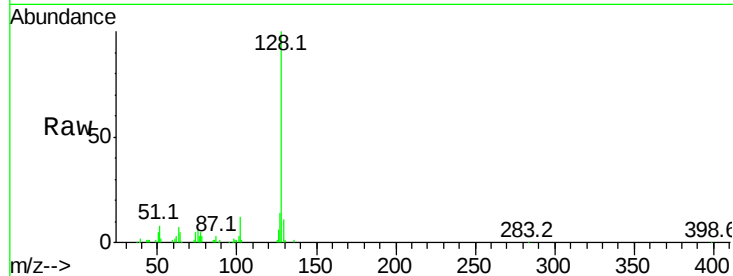




#33
4-Chloroaniline
Concen: 4.524 ng
RT: 11.16 min Scan# 1289
Delta R.T. -0.14 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

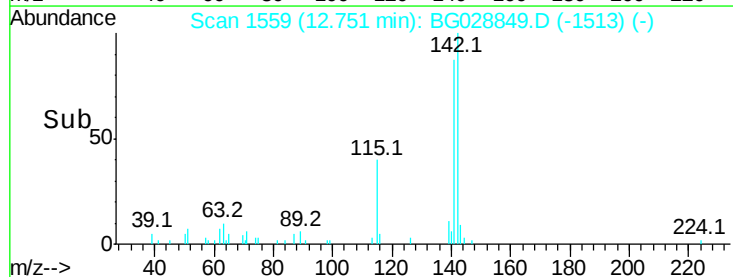
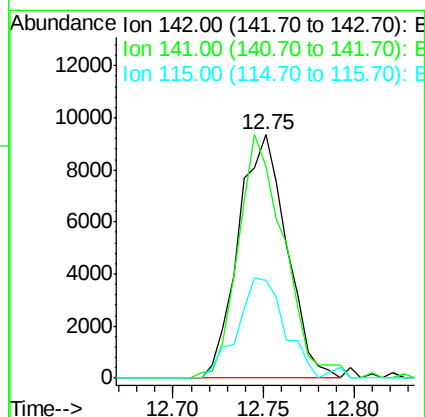
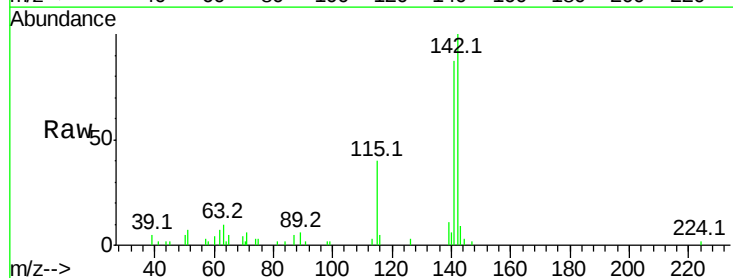
Instrument :
BNA_G
ClientSampled :

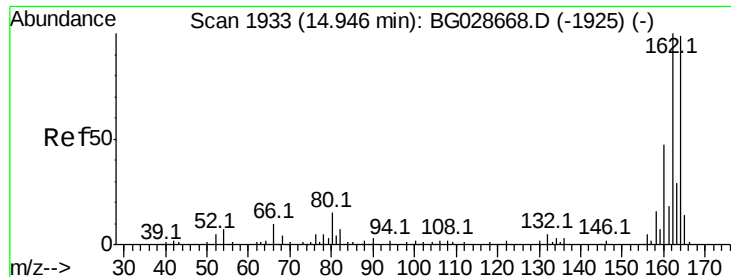
Tot Ion	Ratio	Lower	Upper
127	100		
129	74.6	23.6	35.4#
65	2.4	37.7	56.5#
92	0.0	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 3.257 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.03 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	40.2	35.5	53.3

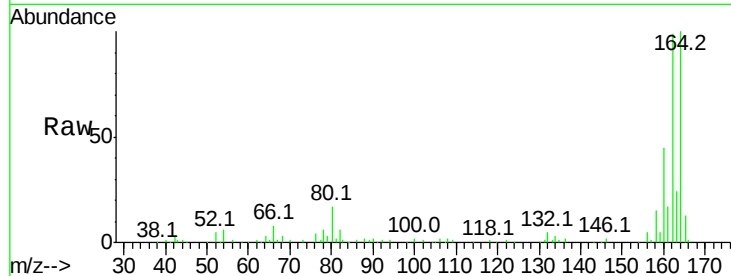




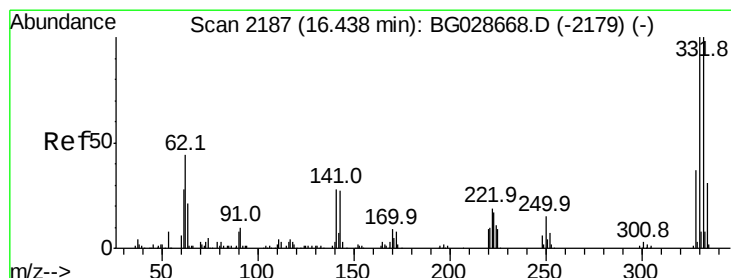
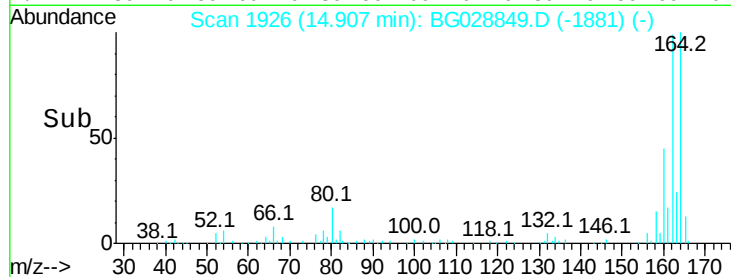
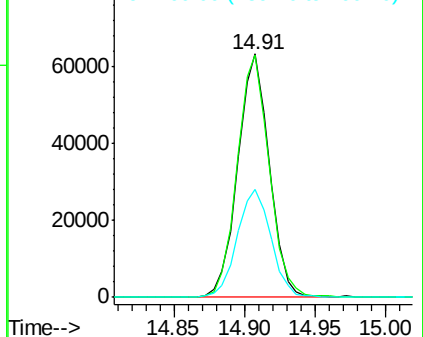
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 98663
 Ion Ratio Lower Upper
 164 100
 162 99.4 85.1 127.7
 160 44.6 34.7 52.1

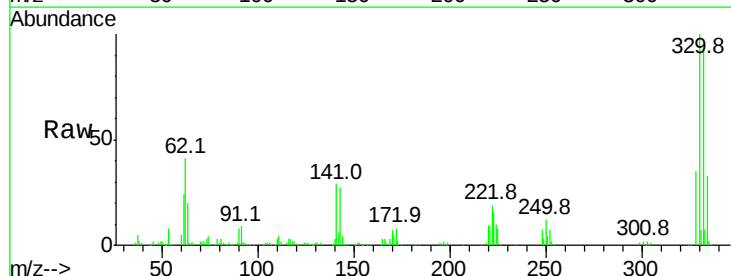


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

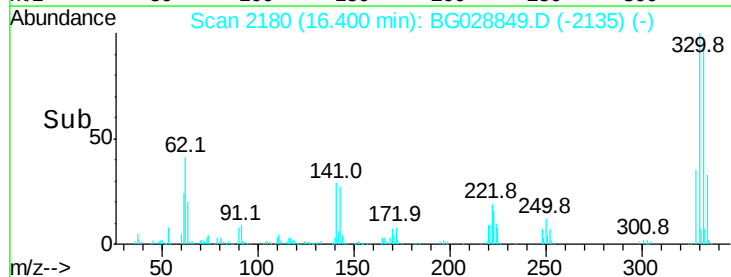
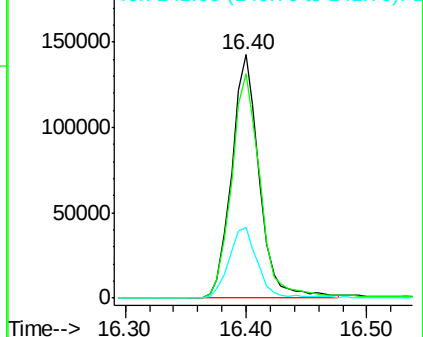


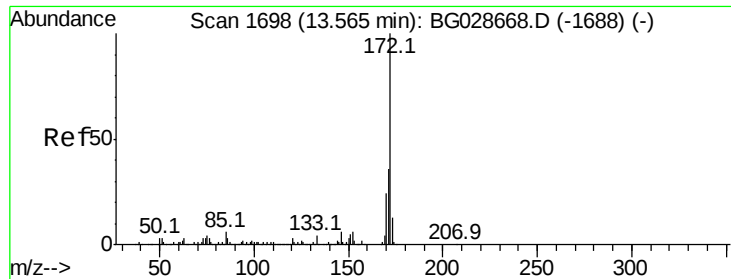
#41
 2,4,6-Tribromophenol
 Concen: 139.463 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

Tgt Ion:330 Resp: 227579
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 30.5 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

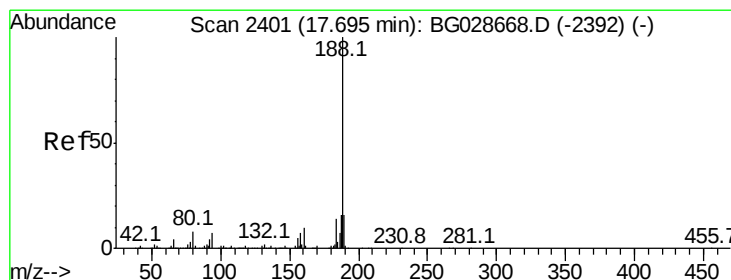
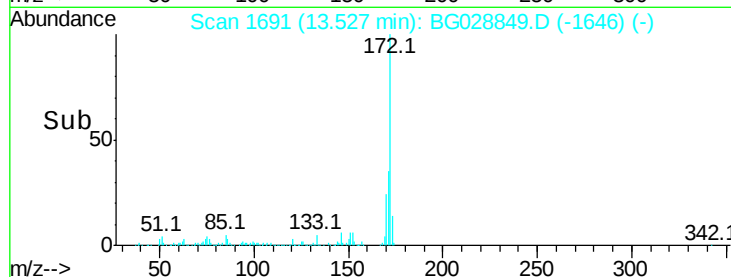
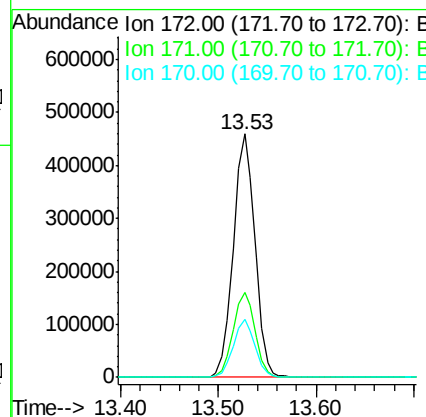
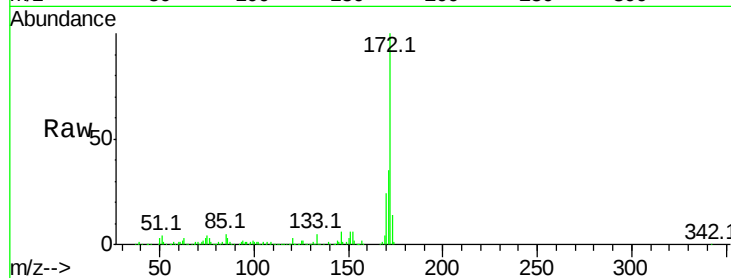




#44
2-Fluorobiphenyl
Concen: 95.121 ng
RT: 13.53 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

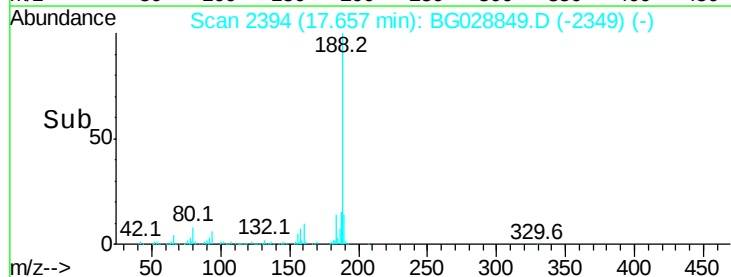
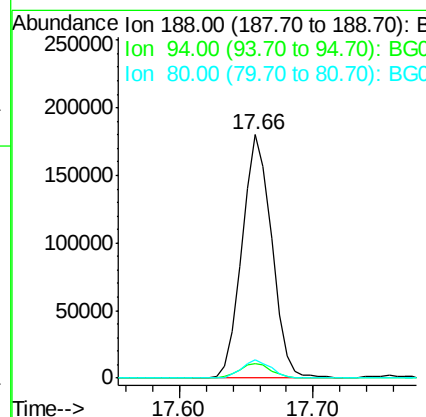
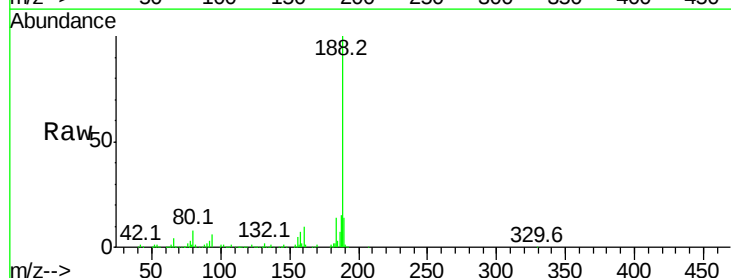
Instrument :
BNA_G
ClientSampleId :

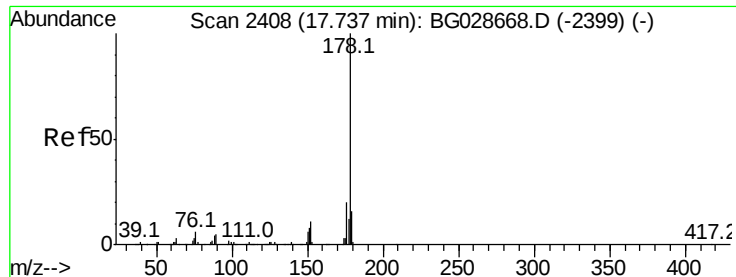
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	32.2	48.2
170	24.0	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.8	8.8#
80	7.7	7.5	11.3

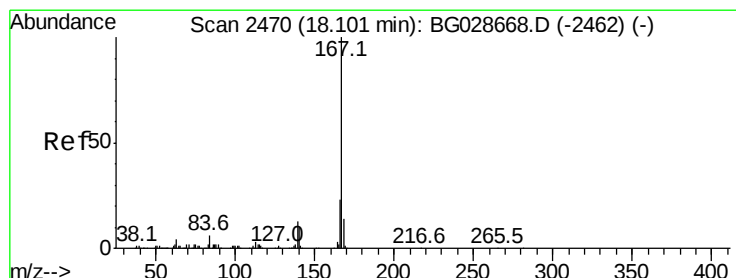
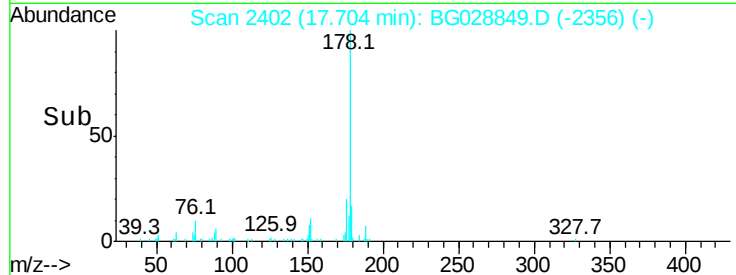
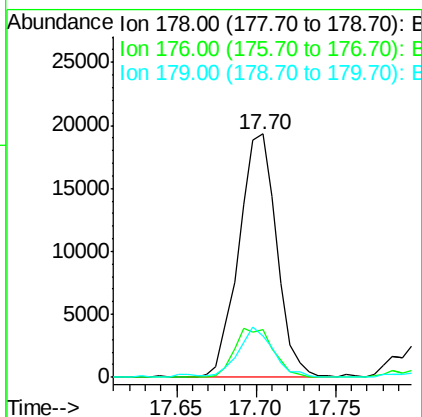
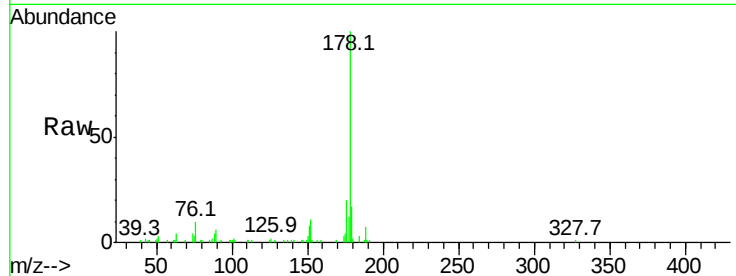




#70
 Phenanthrene
 Concen: 2.257 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. -0.03 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

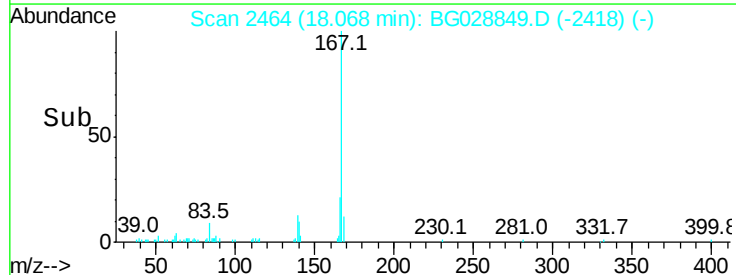
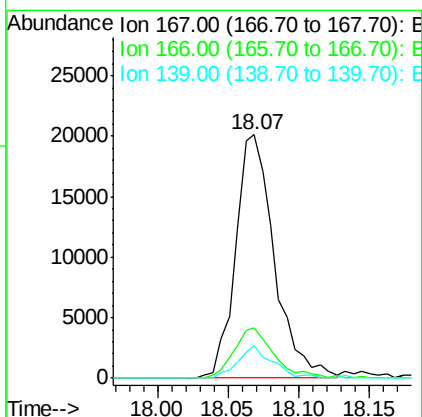
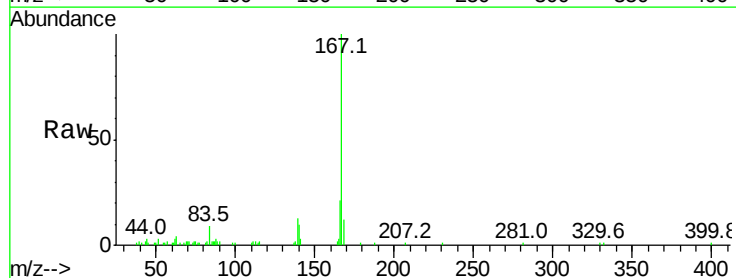
Instrument :
 BNA_G
 ClientSampled :

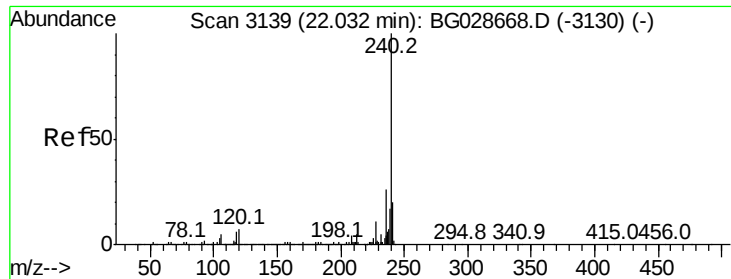
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.7	26.5
179	17.1	15.0	22.6



#72
 Carbazole
 Concen: 2.992 ng
 RT: 18.07 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BG028849.D
 Acq: 21 Sep 2017 9:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	20.2	30.2
139	13.1	12.8	19.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

Instrument :

BNA_G

ClientSampleId :

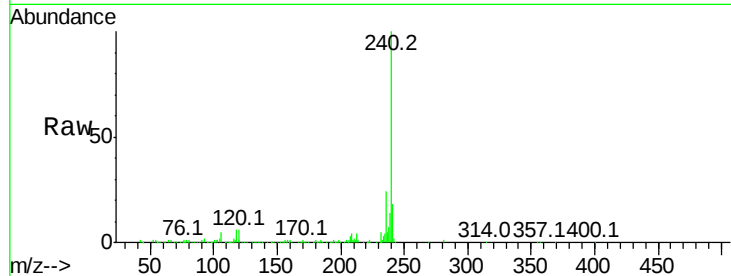
Tot Ion:240 Resp: 311462

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

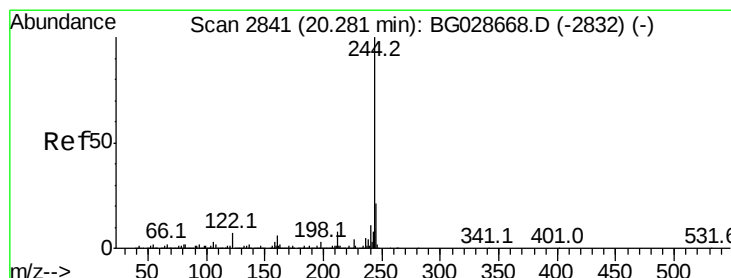
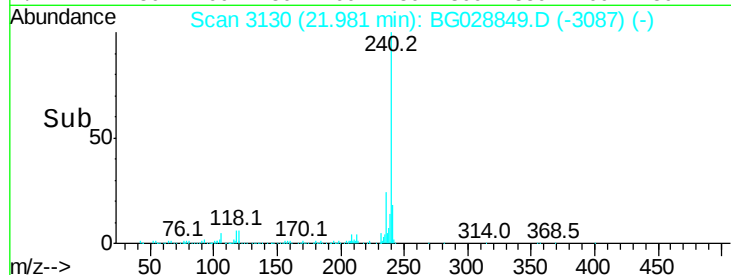
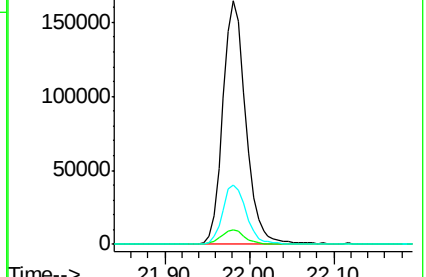
236 24.4 22.2 33.4



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



#78

Terphenyl-d14

Concen: 96.222 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028849.D

Acq: 21 Sep 2017 9:07

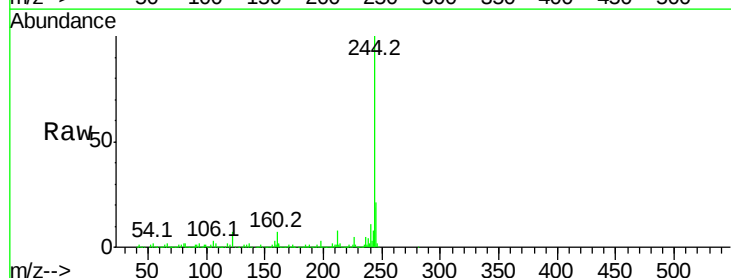
Tgt Ion:244 Resp: 1405328

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

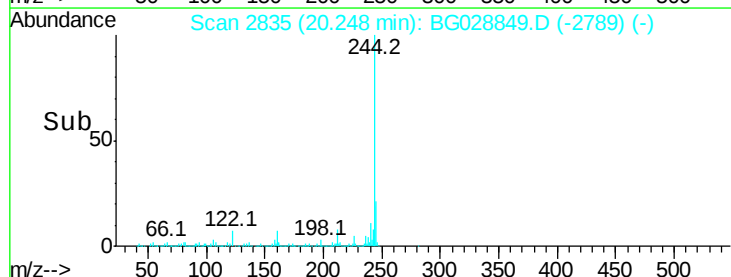
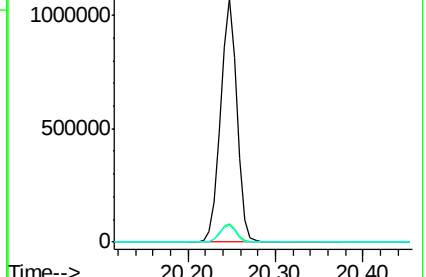
122 7.0 8.6 12.8#

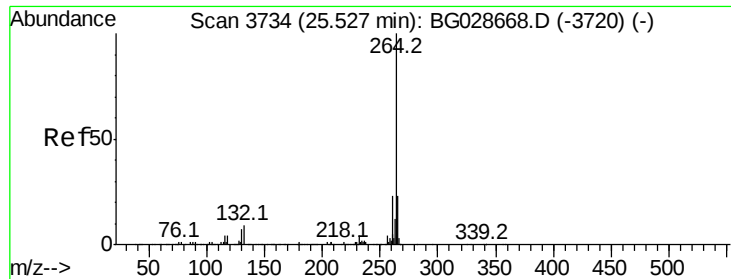


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

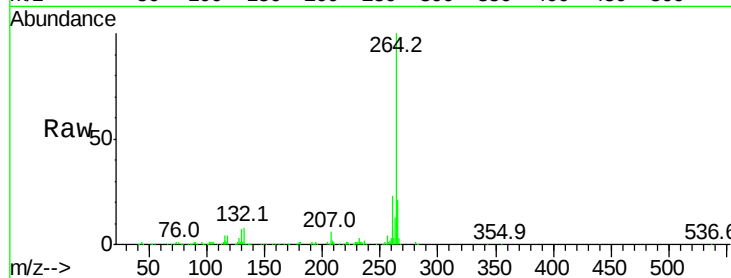




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.07 min
Lab File: BG028849.D
Acq: 21 Sep 2017 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.1	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

