

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030512.D
 Acq On : 28 Oct 2017 00:41
 Operator : SJ/JU
 Sample : I6146-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-A

Quant Time: Oct 28 02:19:53 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

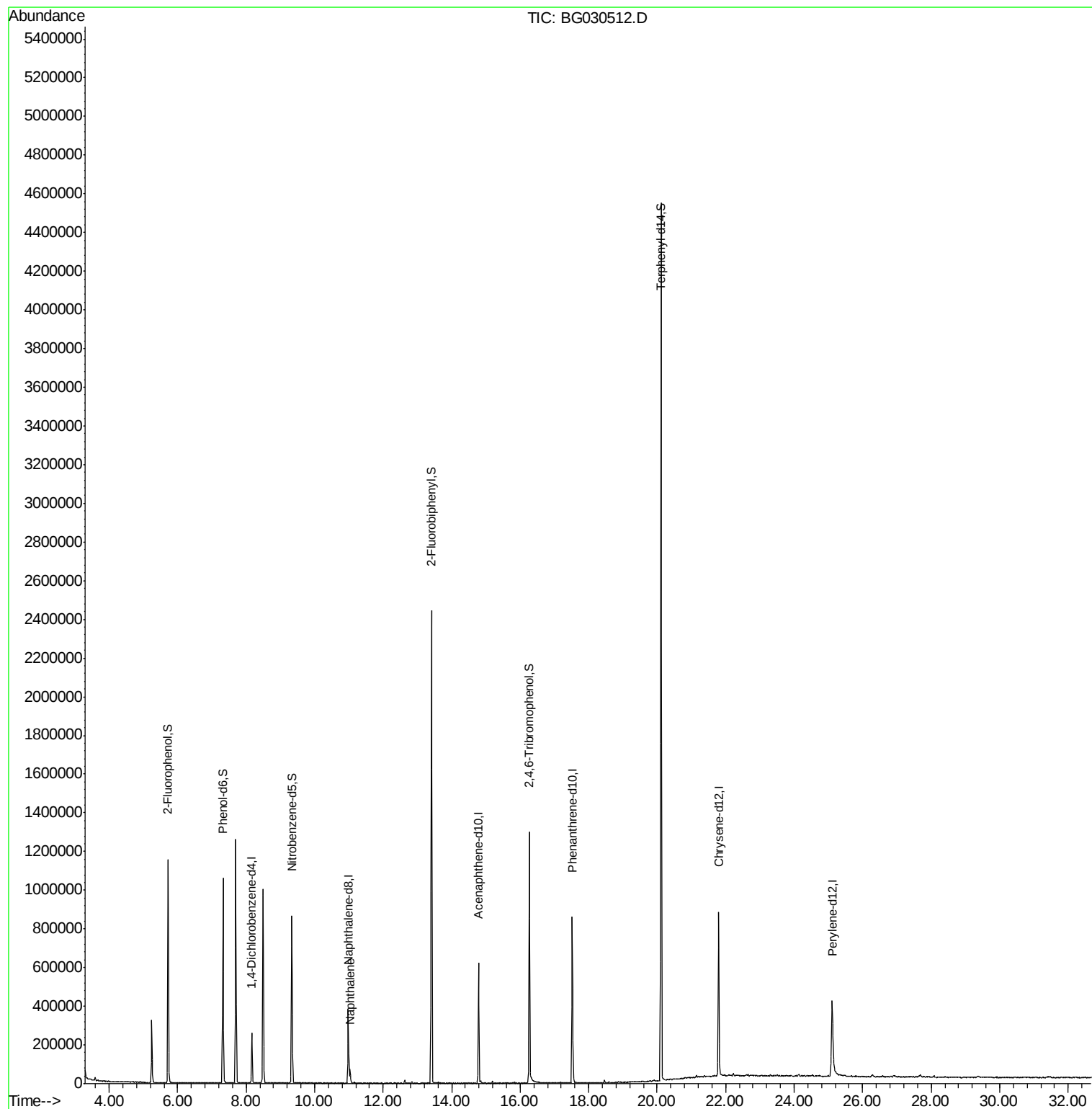
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73250	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	339069	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	226109	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	526903	20.00	ng	0.00
75) Chrysene-d12	21.79	240	560070	20.00	ng	0.00
86) Perylene-d12	25.11	264	550295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	520749	118.76	ng	0.00
7) Phenol-d6	7.32	99	627659	101.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	531306	99.58	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	290202	99.41	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1309063	84.91	ng	0.00
78) Terphenyl-d14	20.11	244	2079419	84.46	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	61126	3.617	ng	Qvalue 99

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

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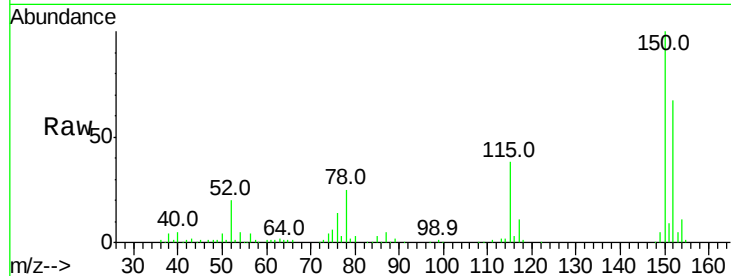


#1

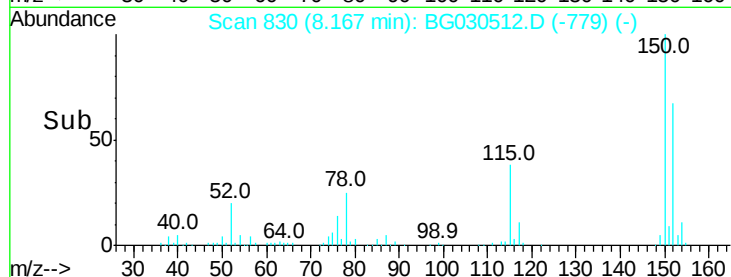
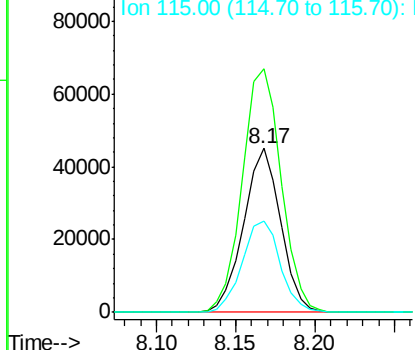
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030512.D
Acq: 28 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-A

Tot Ion:152 Resp: 73250
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 56.1 53.0 79.4



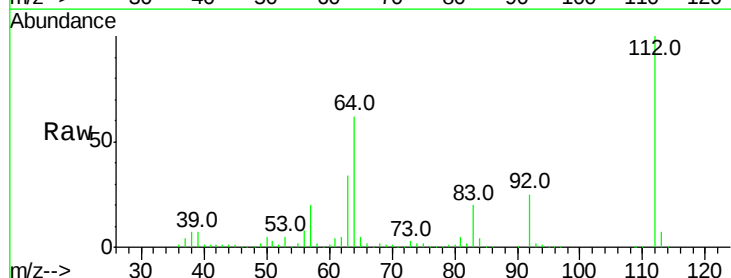
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



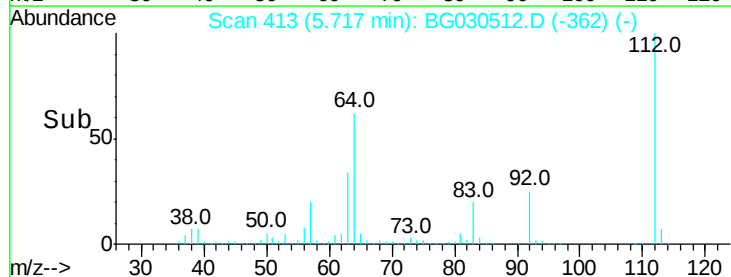
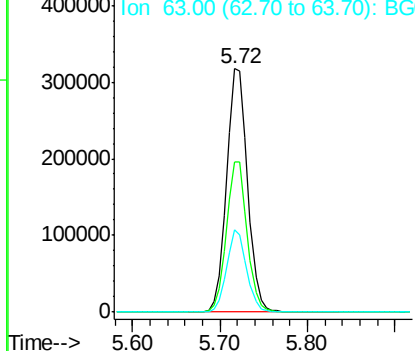
#5

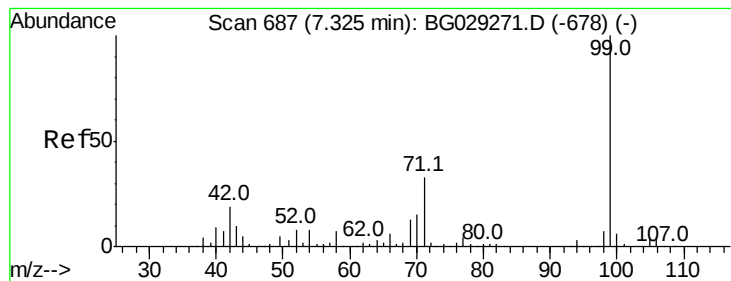
2-Fluorophenol
Concen: 118.763 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030512.D
Acq: 28 Oct 2017 00:41

Tgt Ion:112 Resp: 520749
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 33.6 30.1 45.1



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





#7

Phenol-d6

Concen: 101.980 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030512.D

Acq: 28 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

AU-06-102517-A

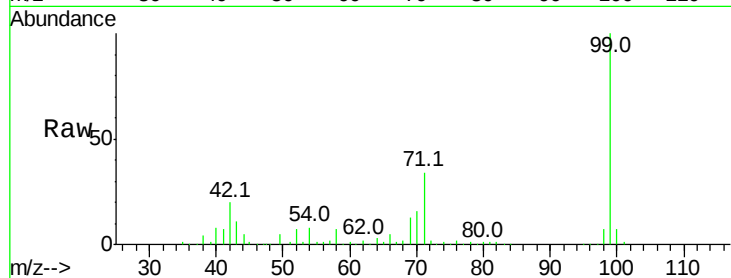
Tot Ion: 99 Resp: 627659

Ion Ratio Lower Upper

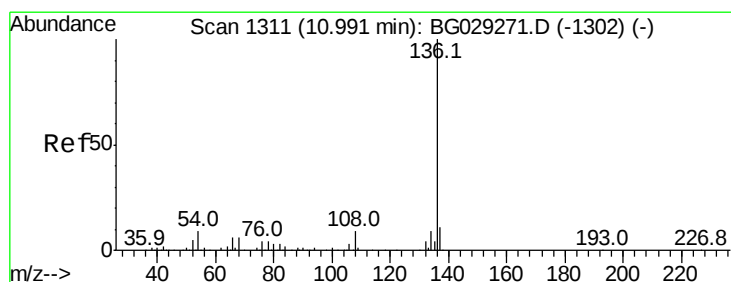
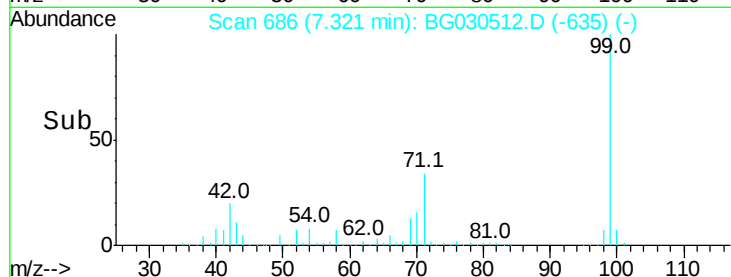
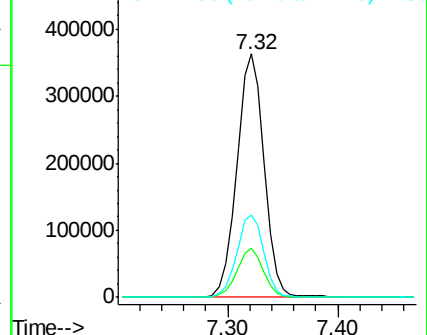
99 100

42 20.2 14.1 21.1

71 33.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030512.D

Acq: 28 Oct 2017 00:41

Tgt Ion: 136 Resp: 339069

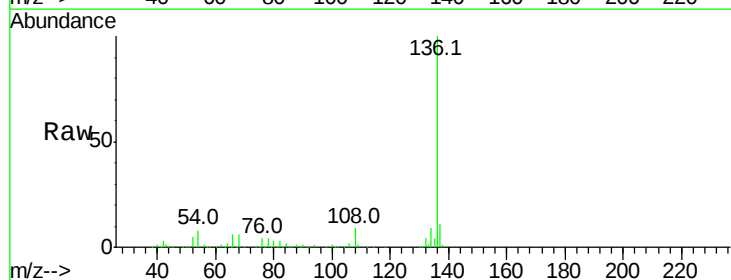
Ion Ratio Lower Upper

136 100

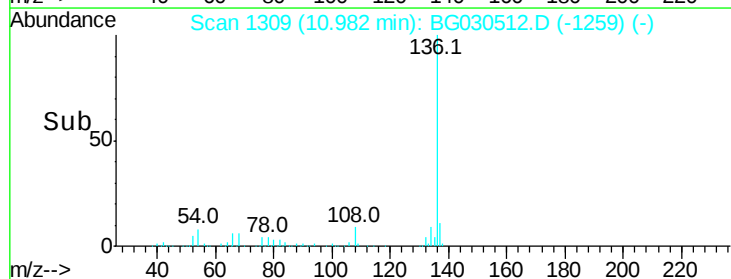
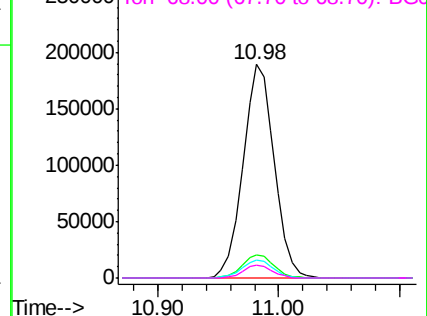
137 10.7 9.2 13.8

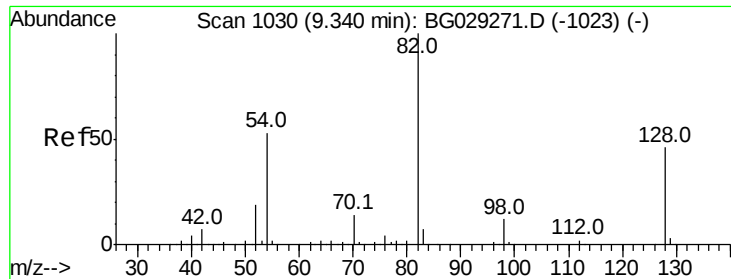
54 8.3 10.3 15.5#

68 5.7 4.5 6.7



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

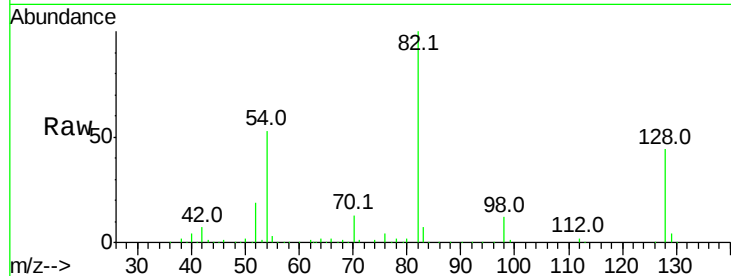




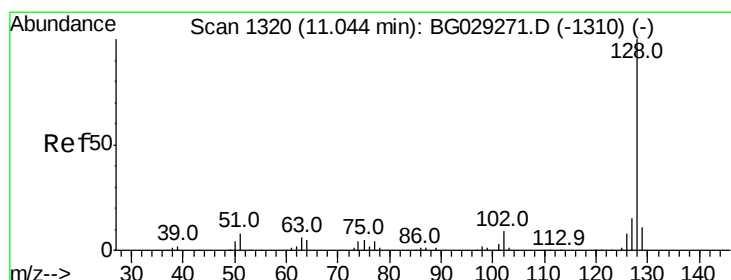
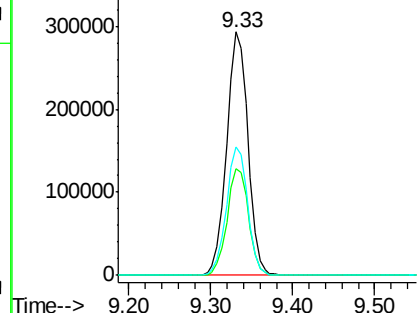
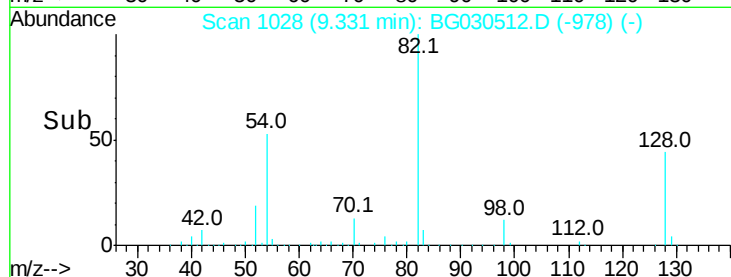
#23
Nitrobenzene-d5
Concen: 99.576 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030512.D
Acq: 28 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-A

Tot Ion	82	Resp	531306
Ion Ratio	100	Lower	Upper
128	43.6	29.7	44.5
54	52.9	43.1	64.7

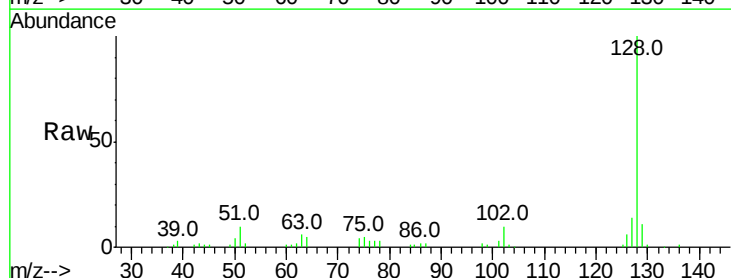


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

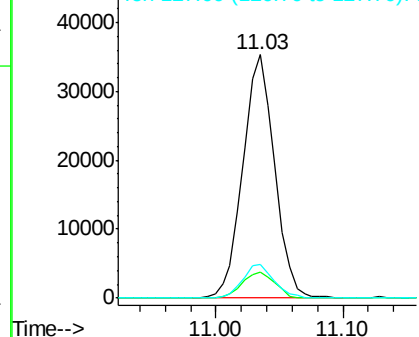
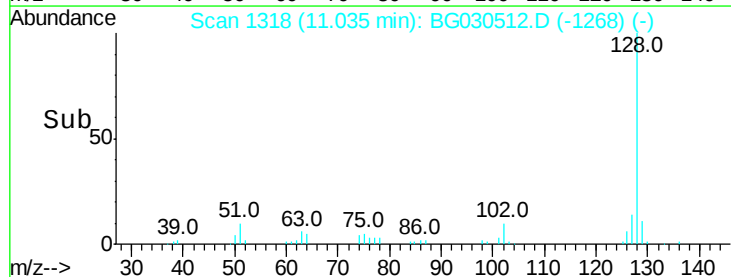


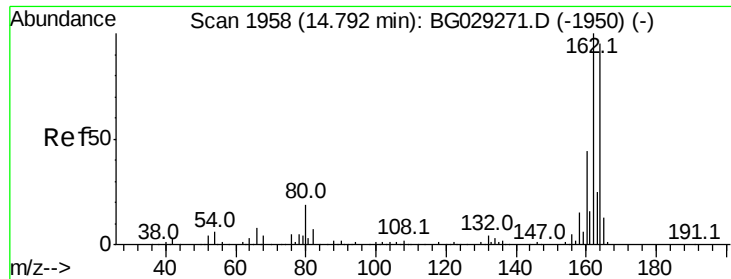
#31
Naphthalene
Concen: 3.617 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030512.D
Acq: 28 Oct 2017 00:41

Tgt Ion	128	Resp	61126
Ion Ratio	100	Lower	Upper
129	10.6	8.6	12.8
127	13.7	11.6	17.4



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

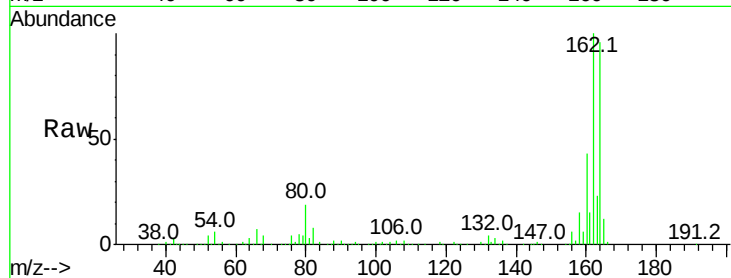




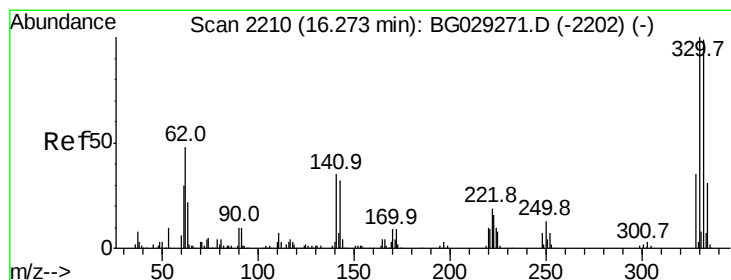
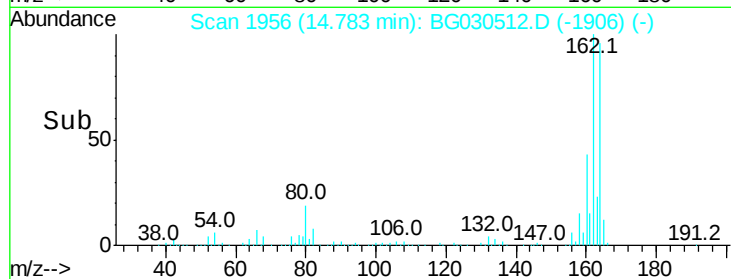
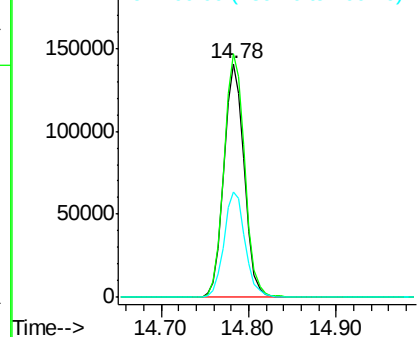
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030512.D
 Acq: 28 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	44.8	35.4	53.0

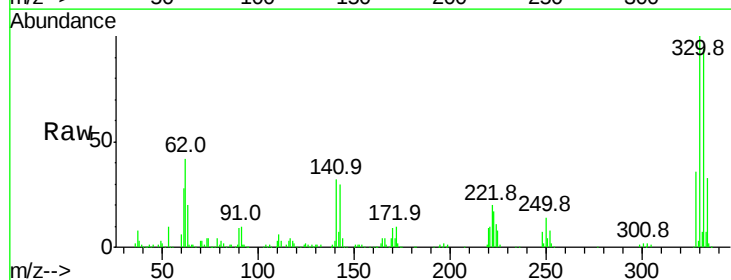


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

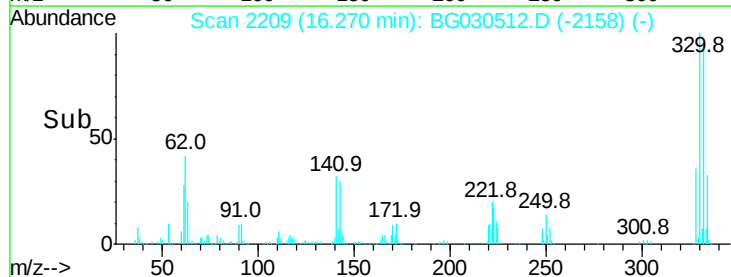
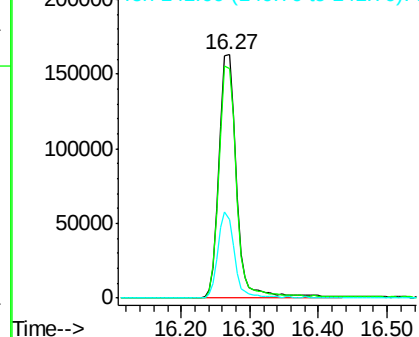


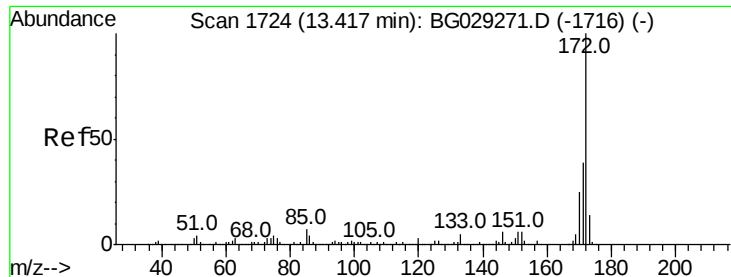
#41
 2,4,6-Tribromophenol
 Concen: 99.408 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030512.D
 Acq: 28 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.0	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



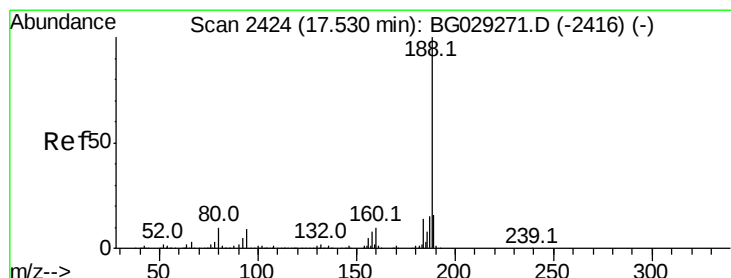
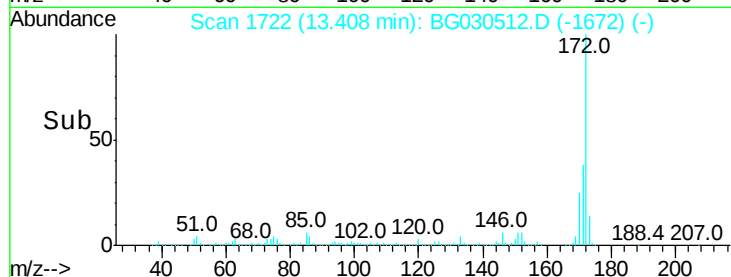
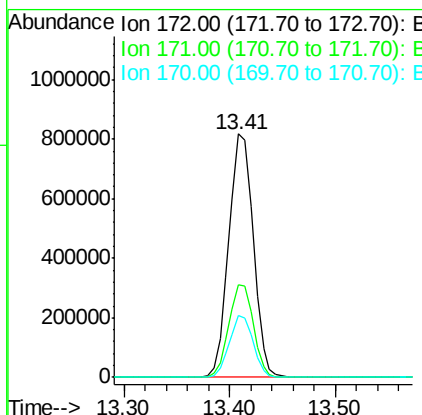
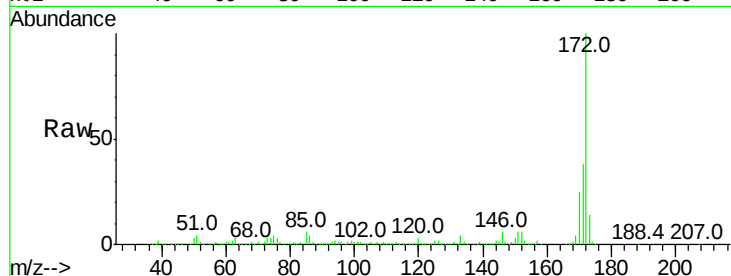


#44
 2-Fluorobiphenyl
 Concen: 84.912 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030512.D
 Acq: 28 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-A

Tot Ion:172 Resp: 1309063

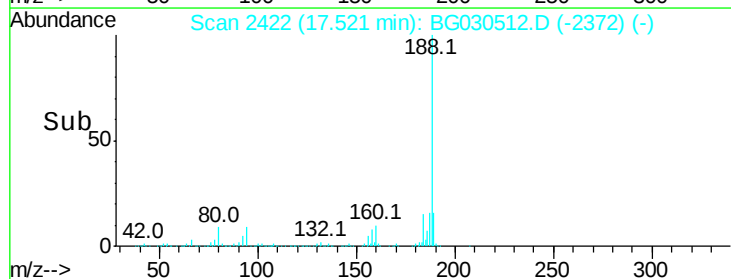
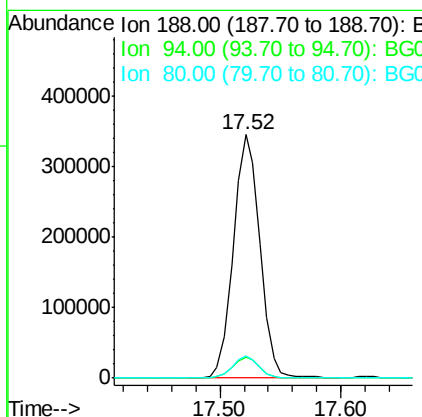
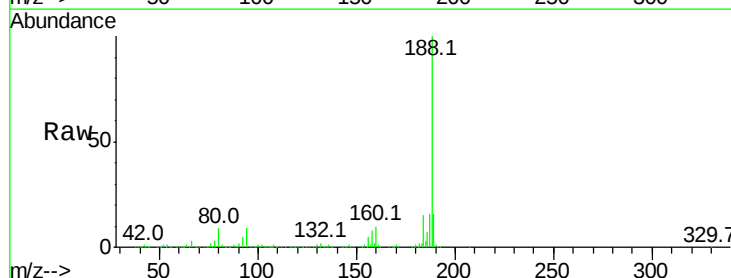
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3

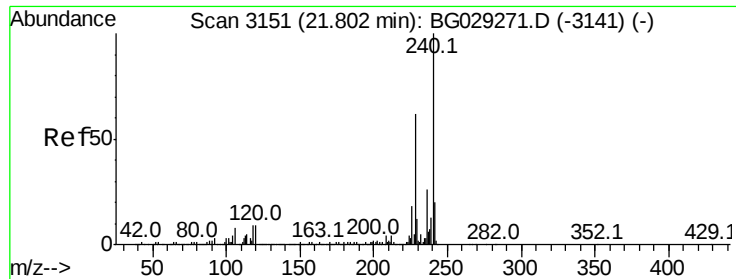


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030512.D
 Acq: 28 Oct 2017 00:41

Tgt Ion:188 Resp: 526903

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	9.3	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030512.D

Acq: 28 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

AU-06-102517-A

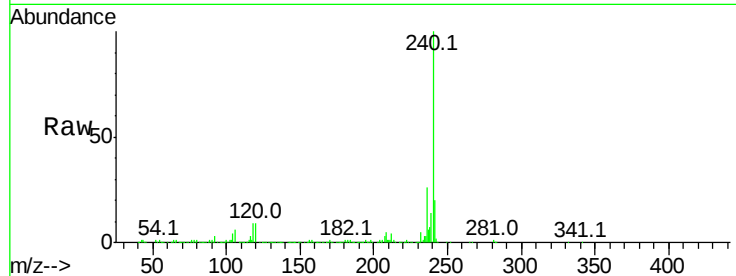
Tot Ion:240 Resp: 560070

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

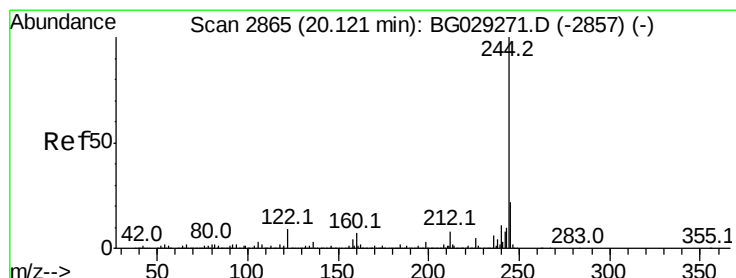
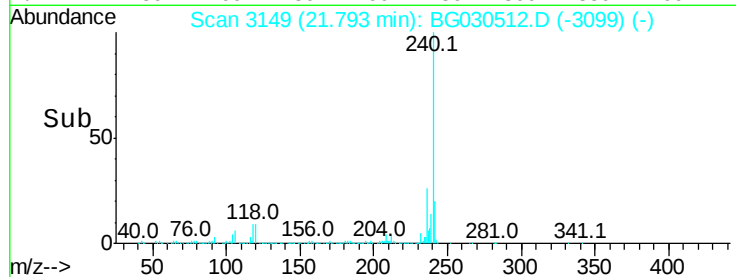
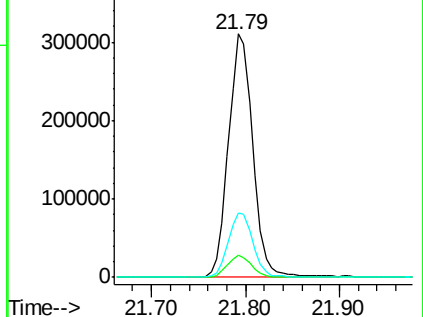
236 26.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 84.463 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030512.D

Acq: 28 Oct 2017 00:41

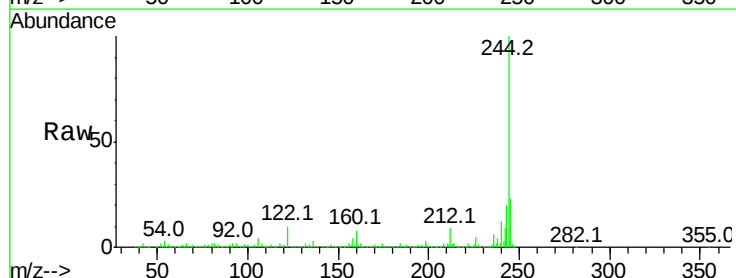
Tgt Ion:244 Resp: 2079419

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

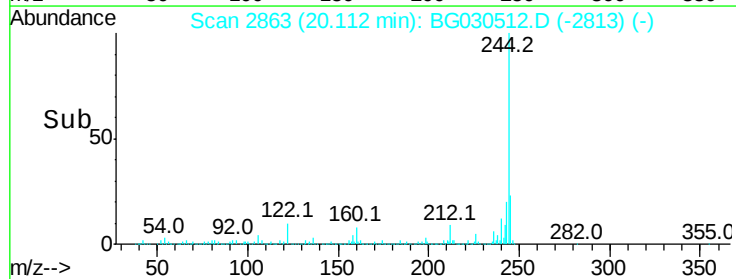
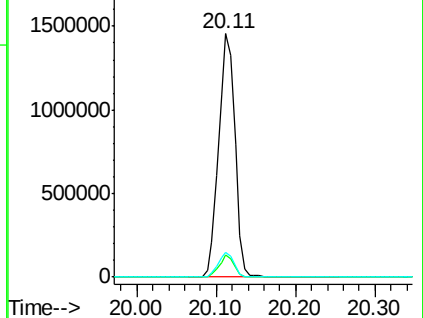
122 10.4 7.0 10.4

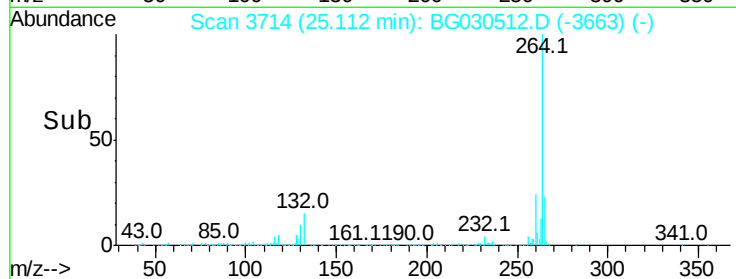
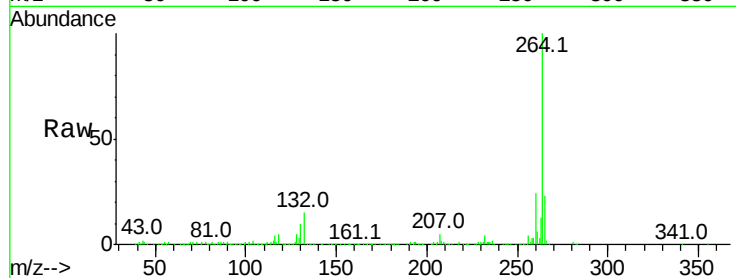
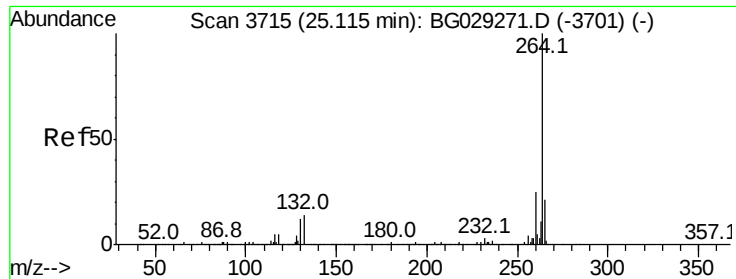


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030512.D
 Acq: 28 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-A

Tot Ion:	264	Resp:	550295
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	23.2	17.7	26.5

