

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030567.D
 Acq On : 29 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I6166-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:02:35 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

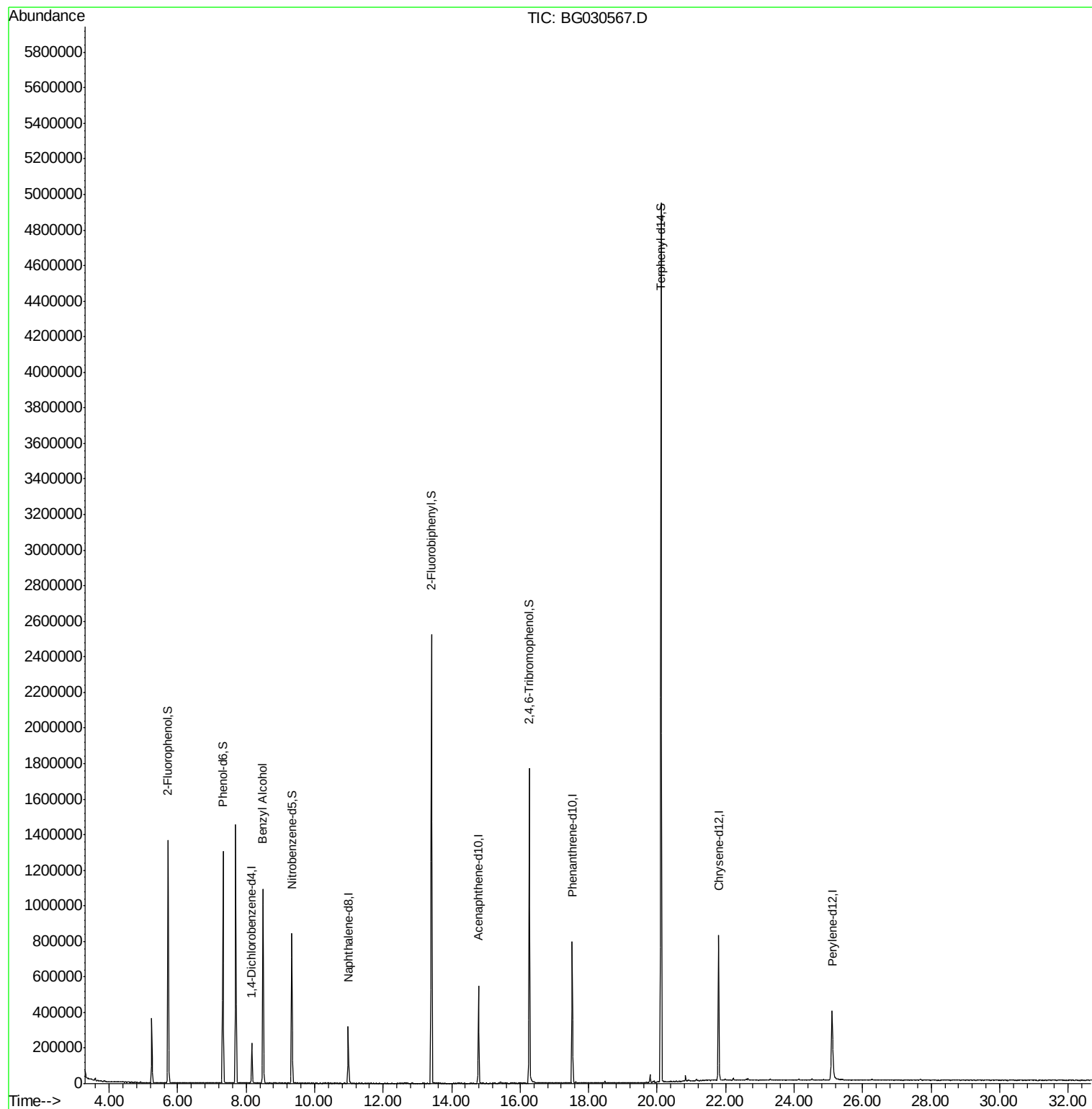
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67185	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	282980	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	188314	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	479442	20.00	ng	0.00
75) Chrysene-d12	21.79	240	512440	20.00	ng	0.00
86) Perylene-d12	25.11	264	495504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	634913	157.87	ng	0.00
7) Phenol-d6	7.32	99	779151	138.02	ng	0.00
23) Nitrobenzene-d5	9.33	82	513523	115.32	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	376228	154.74	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1362127	106.09	ng	0.00
78) Terphenyl-d14	20.11	244	2185936	97.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	8953	2.251	ng	Qvalue # 48

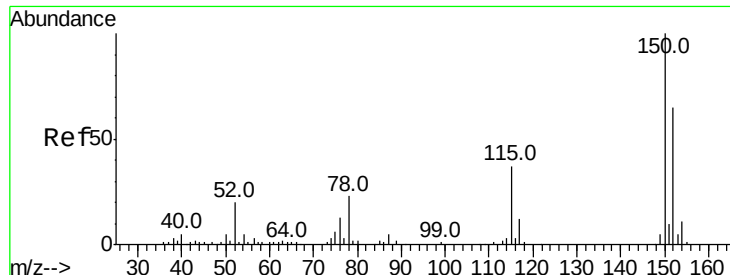
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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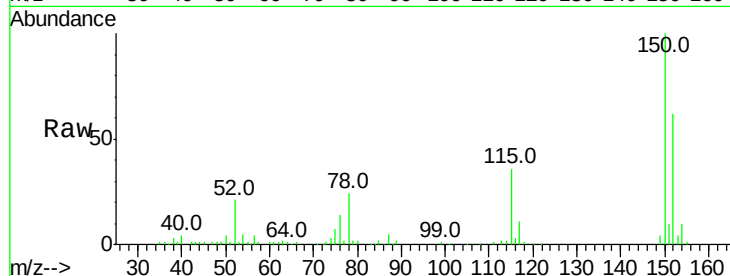


#1

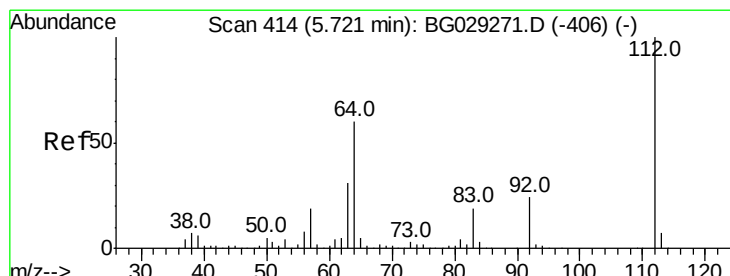
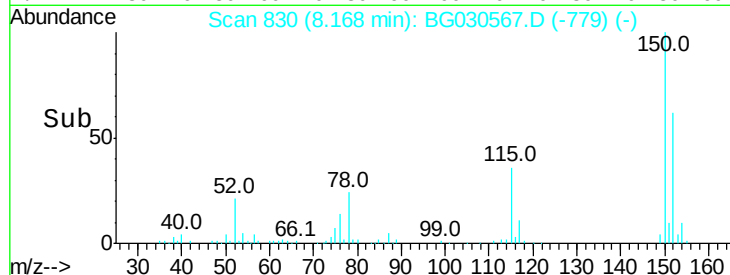
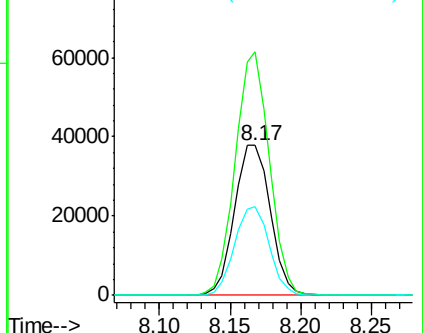
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030567.D
Acq: 29 Oct 2017 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.6	189.8
115	58.9	53.0	79.4



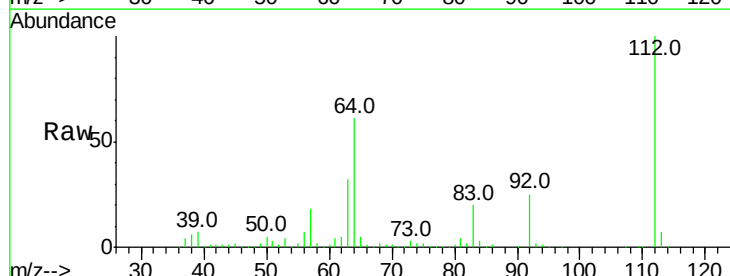
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



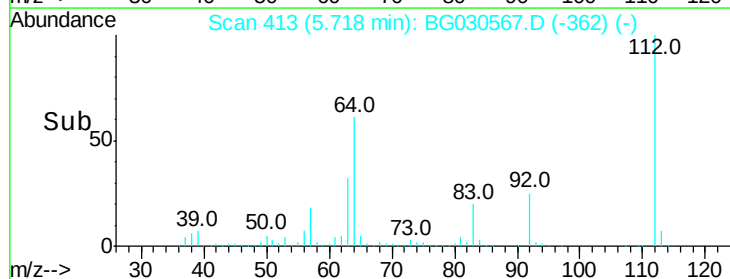
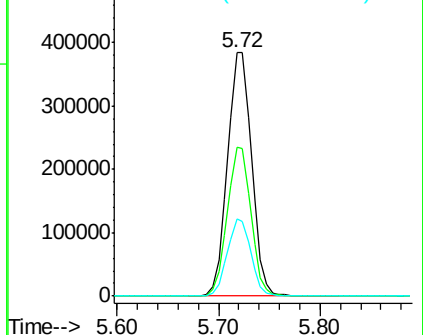
#5

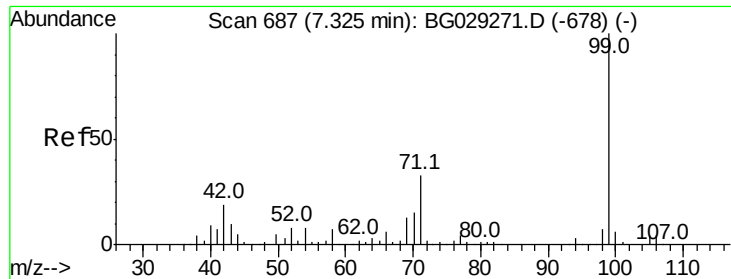
2-Fluorophenol
Concen: 157.871 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030567.D
Acq: 29 Oct 2017 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	56.3	84.5
63	31.6	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: 138.022 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030567.D

Acq: 29 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

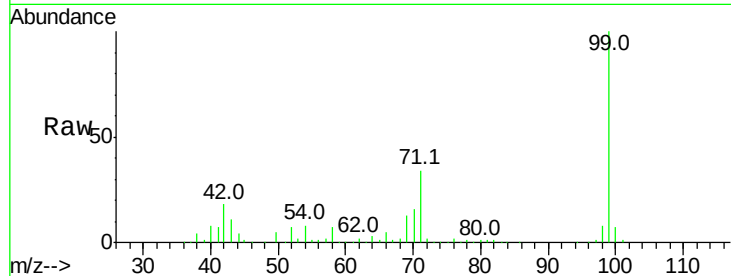
Tot Ion: 99 Resp: 779151

Ion Ratio Lower Upper

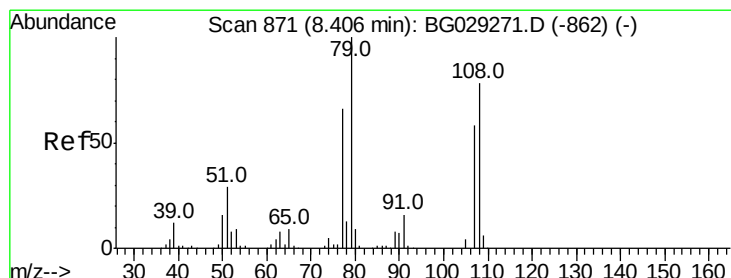
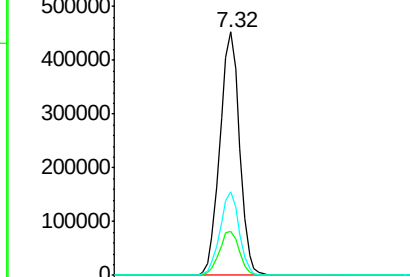
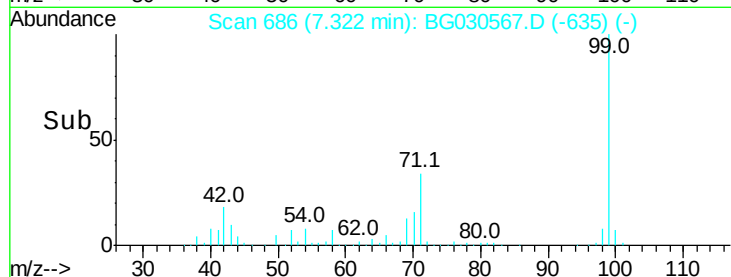
99 100

42 18.2 14.1 21.1

71 34.1 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



#15

Benzyl Alcohol

Concen: 2.251 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG030567.D

Acq: 29 Oct 2017 18:43

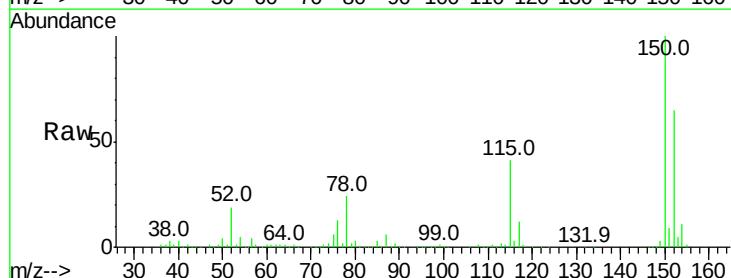
Tgt Ion: 79 Resp: 8953

Ion Ratio Lower Upper

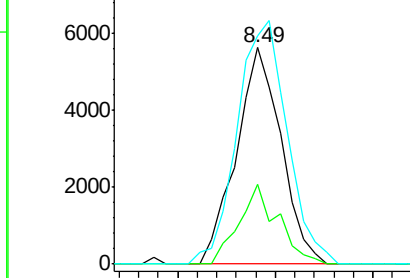
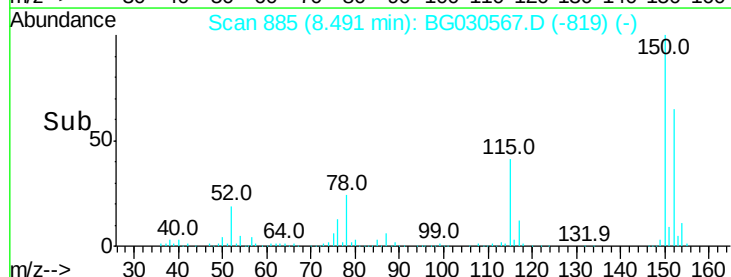
79 100

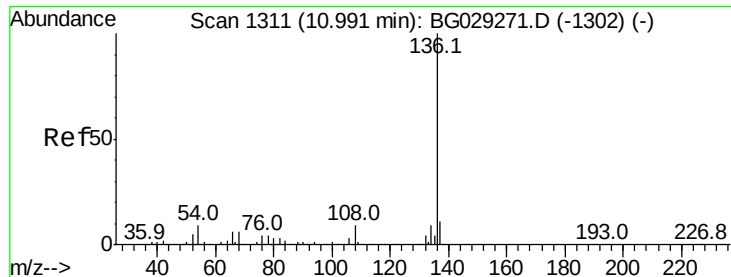
108 36.7 57.2 85.8#

77 105.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

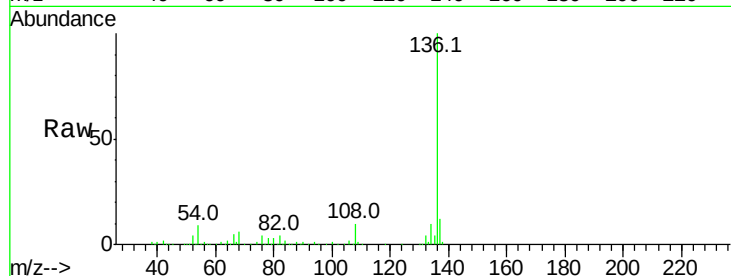




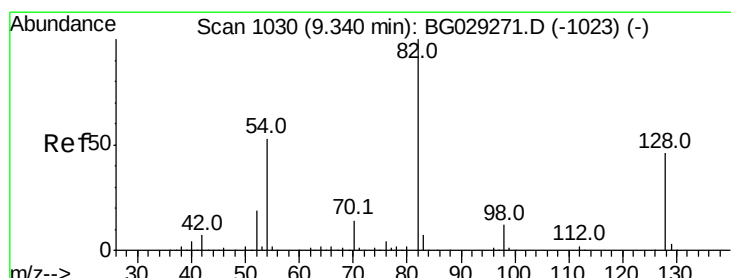
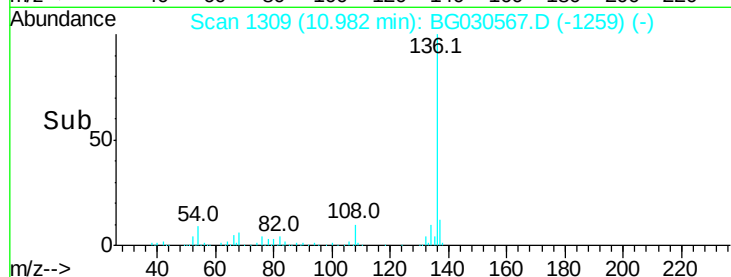
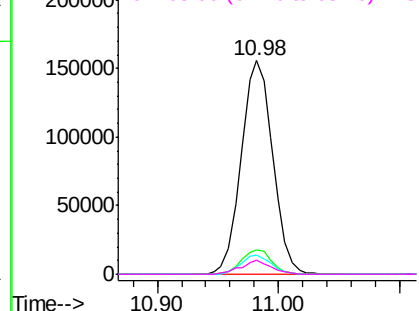
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030567.D
Acq: 29 Oct 2017 18:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	282980
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.2	13.8
54 8.7	10.3	15.5#
68 6.4	4.5	6.7

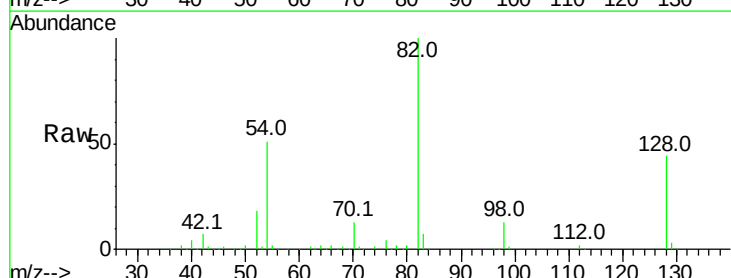


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

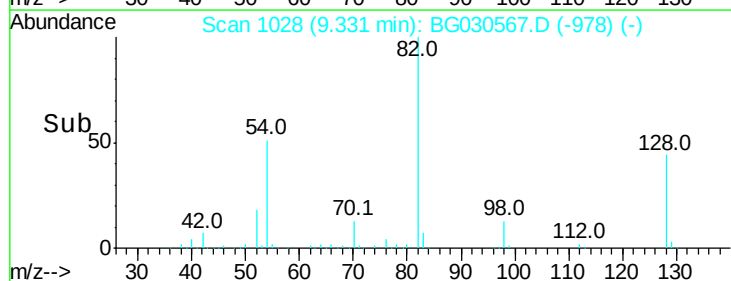
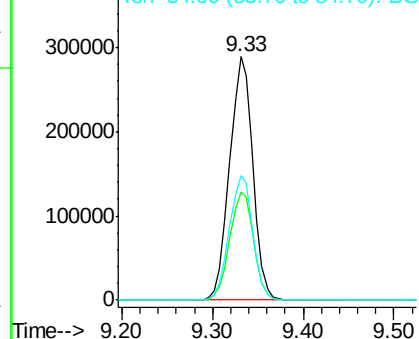


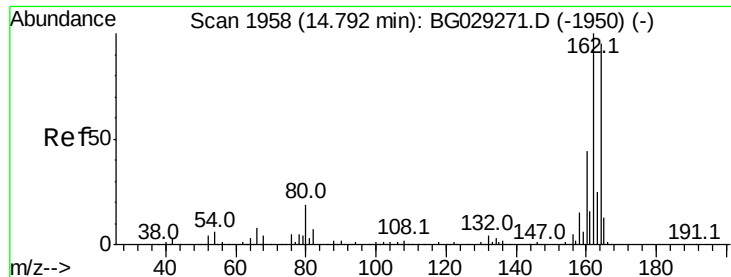
#23
Nitrobenzene-d5
Concen: 115.319 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030567.D
Acq: 29 Oct 2017 18:43

Tgt Ion: 82	Resp: 513523
Ion Ratio	Lower Upper
82 100	
128 44.4	29.7 44.5
54 51.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030567.D

Acq: 29 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

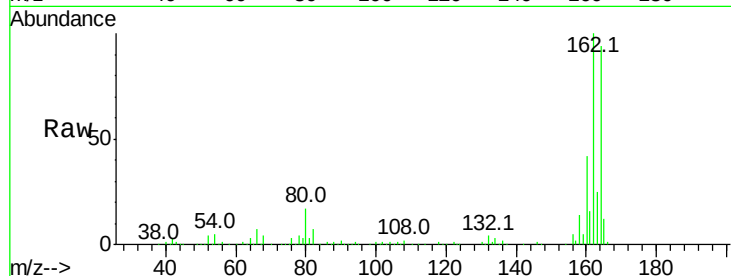
Tot Ion:164 Resp: 188314

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

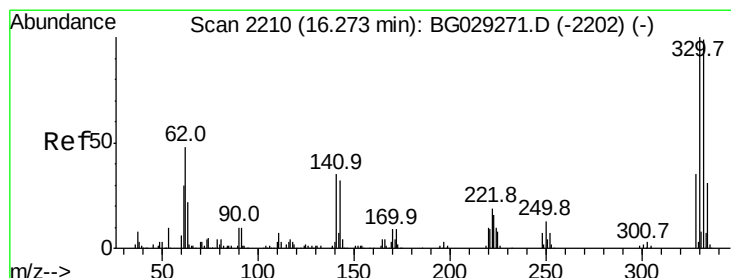
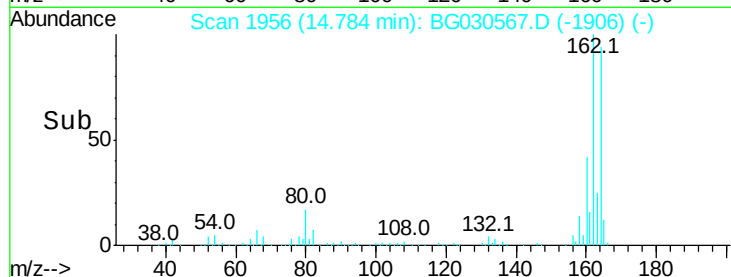
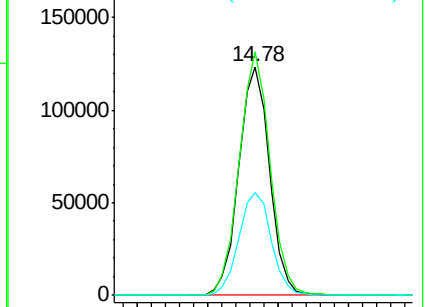
160 44.8 35.4 53.0



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: 154.742 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030567.D

Acq: 29 Oct 2017 18:43

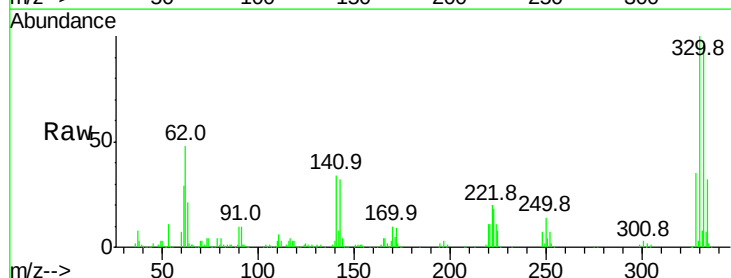
Tgt Ion:330 Resp: 376228

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

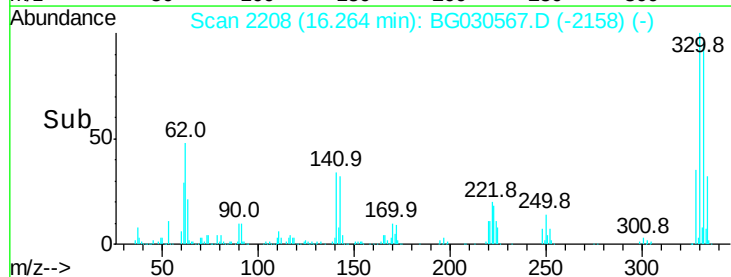
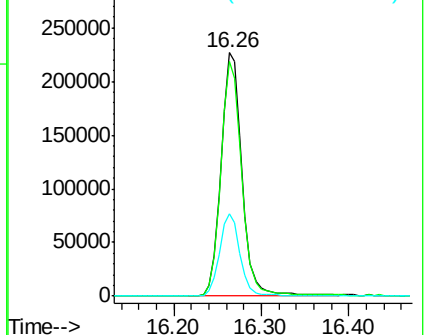
141 33.3 25.2 37.8

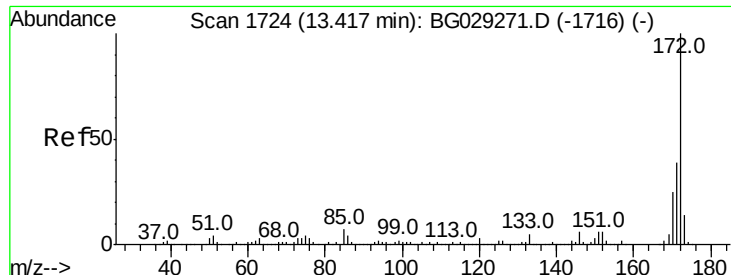


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



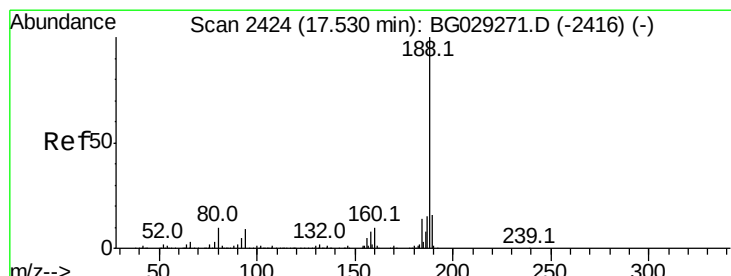
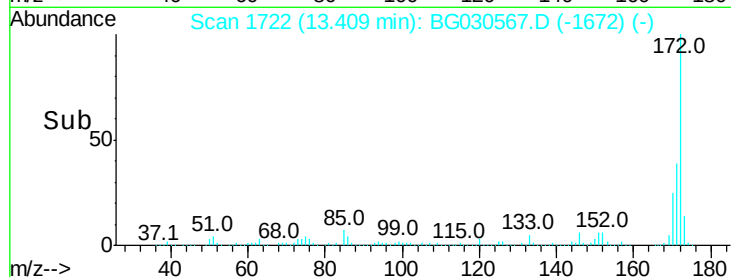
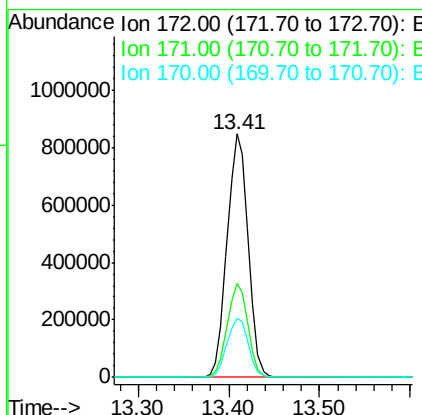
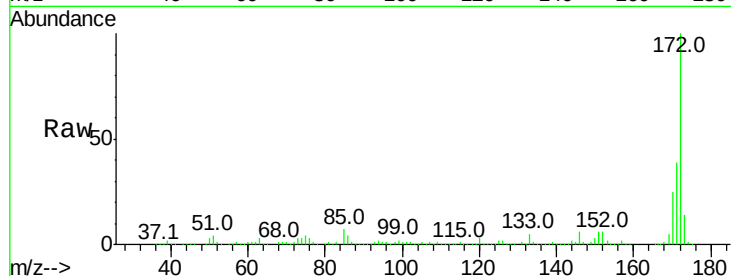


#44
 2-Fluorobiphenyl
 Concen: 106.087 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030567.D
 Acq: 29 Oct 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1362127

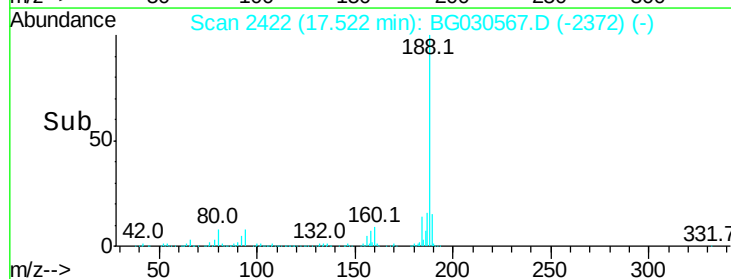
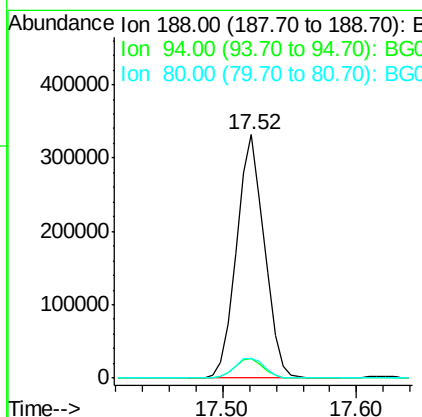
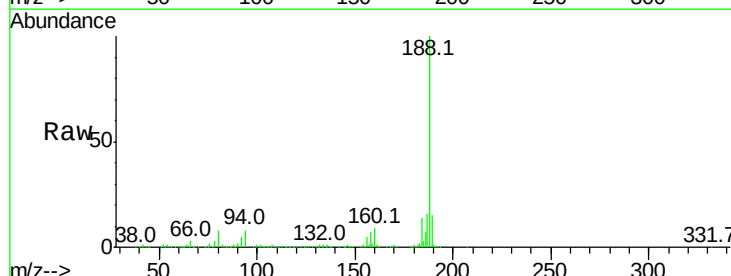
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.5	19.5	29.3

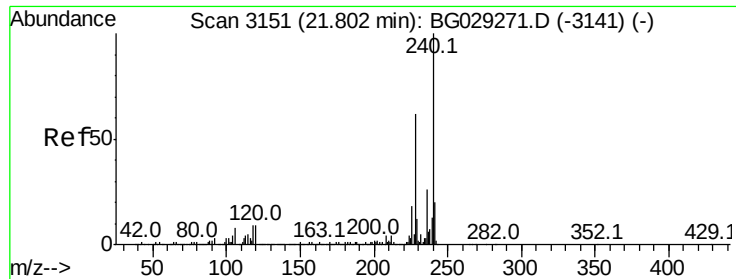


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030567.D
 Acq: 29 Oct 2017 18:43

Tgt Ion:188 Resp: 479442

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.3	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: BG030567.D

Acq: 29 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

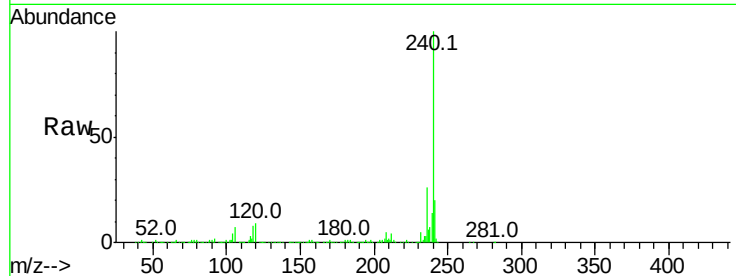
Tot Ion:240 Resp: 512440

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

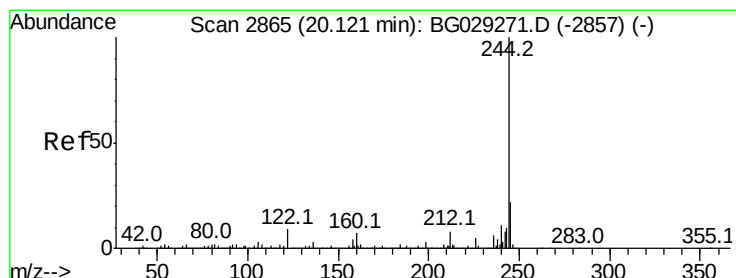
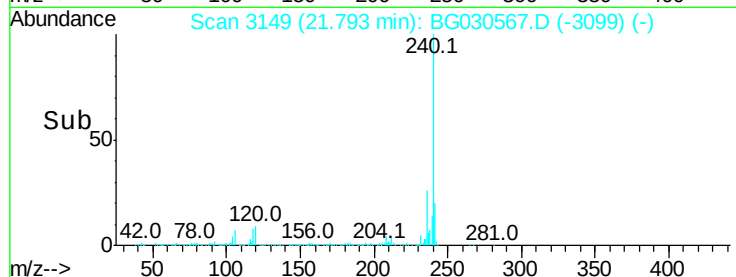
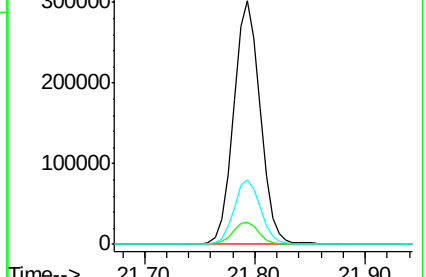
236 26.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 97.043 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030567.D

Acq: 29 Oct 2017 18:43

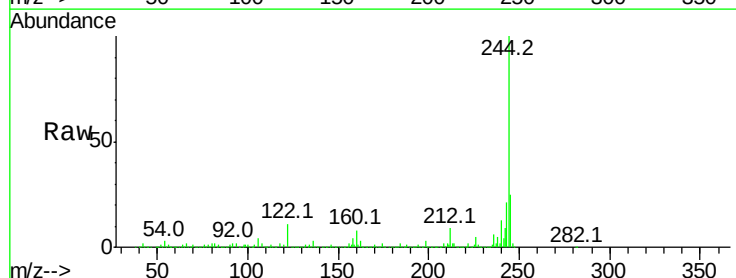
Tgt Ion:244 Resp: 2185936

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

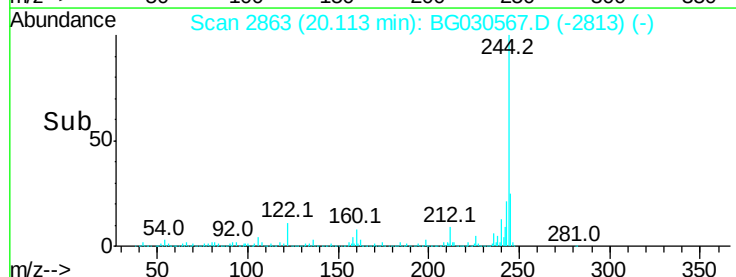
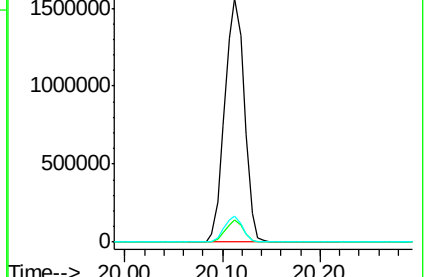
122 10.5 7.0 10.4#

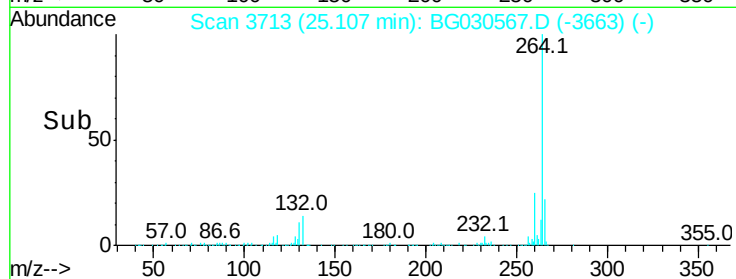
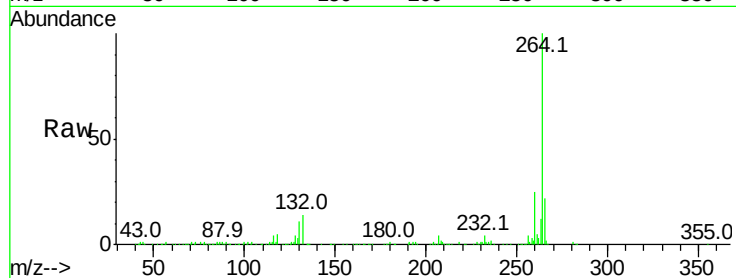
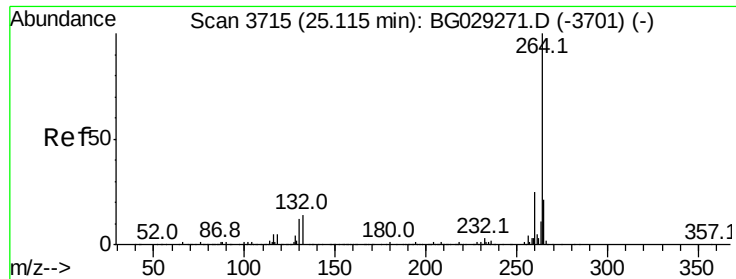


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
Delta R.T. -0.01 min
Lab File: BG030567.D
Acq: 29 Oct 2017 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.6	17.7	26.5

