

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031446.D
 Acq On : 9 Dec 2017 8:30
 Operator : SJ/JU
 Sample : I6725-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 04:31:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

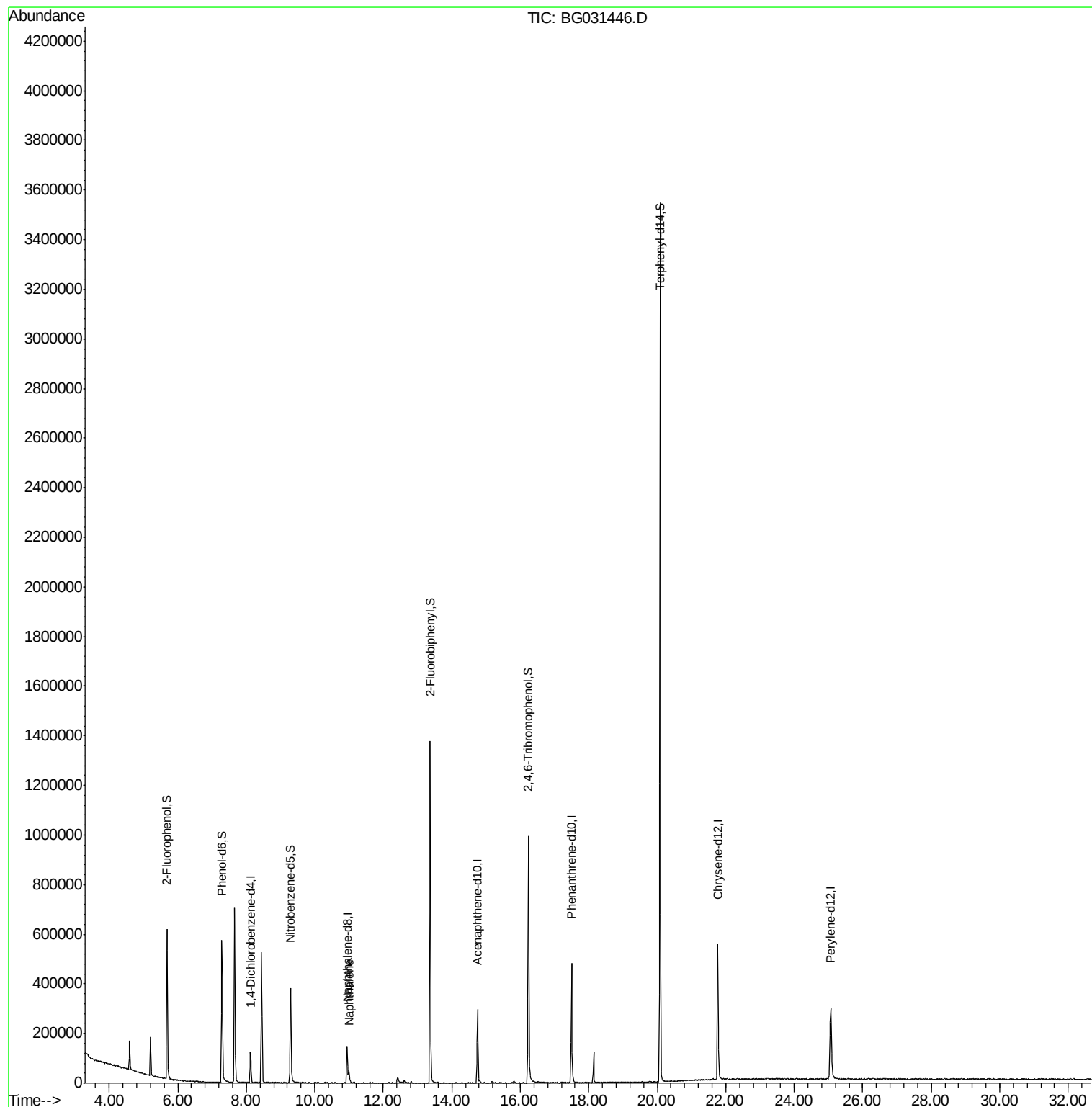
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36268	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	160848	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	114488	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	351020	20.00	ng	0.00
75) Chrysene-d12	21.77	240	399934	20.00	ng	0.00
86) Perylene-d12	25.06	264	373849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	285199	134.84	ng	0.00
7) Phenol-d6	7.29	99	362666	127.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	270979	99.83	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	215696	116.46	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	786305	98.69	ng	0.00
78) Terphenyl-d14	20.08	244	1759243	97.13	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	46448	5.874	ng	Qvalue 99

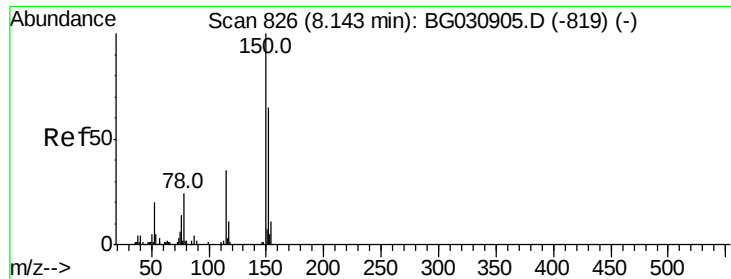
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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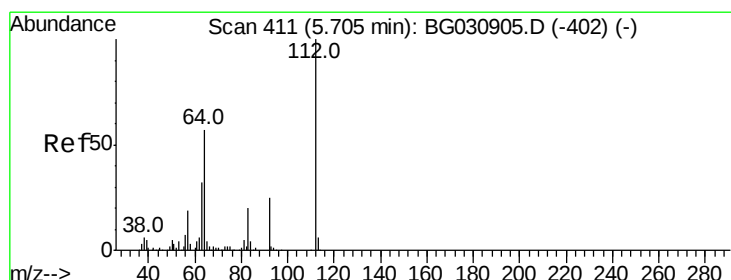
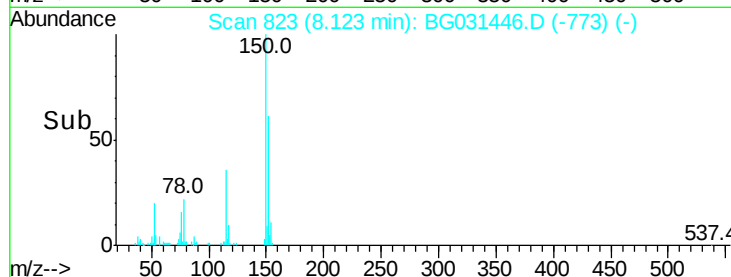
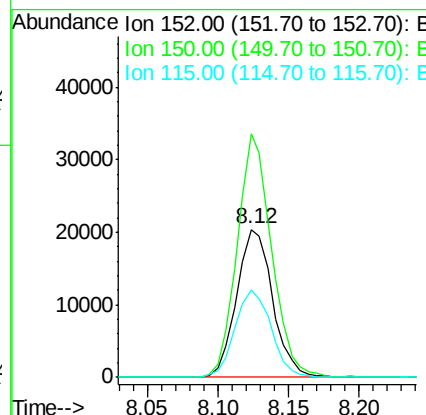
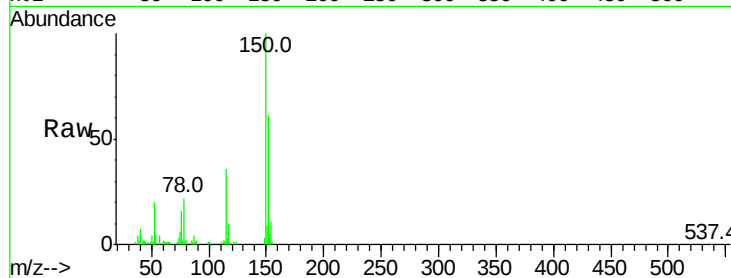


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :

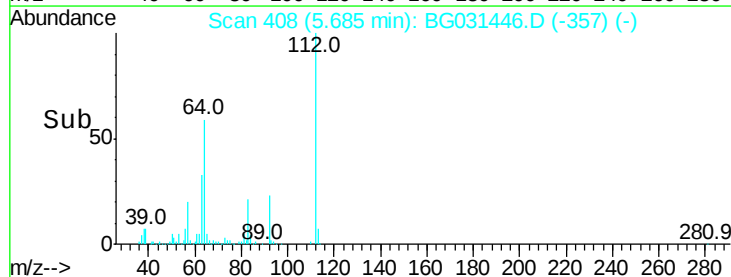
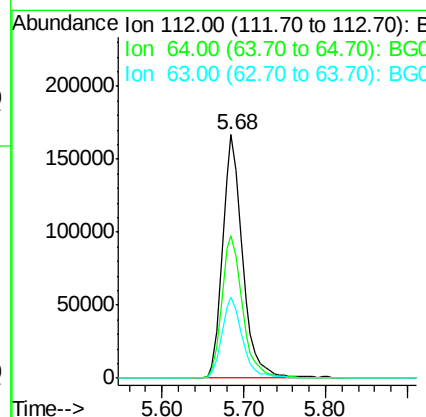
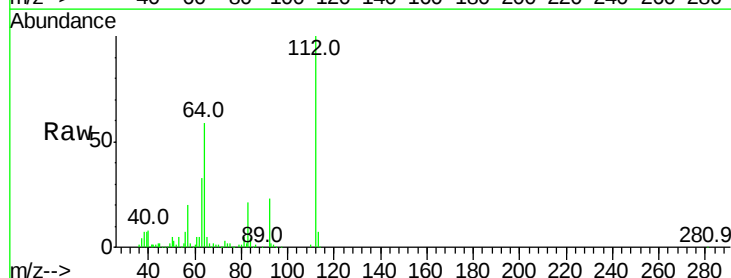
Tot Ion:152 Resp: 36268
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 59.4 53.0 79.4

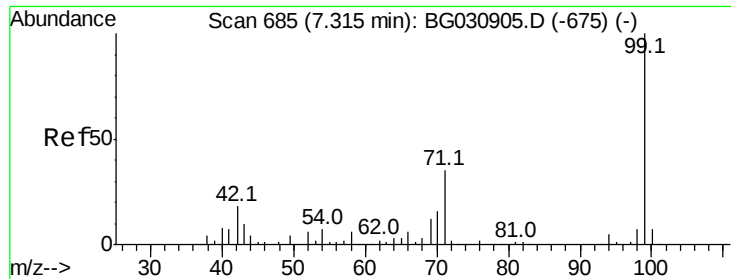


#5

2-Fluorophenol
Concen: 134.843 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:112 Resp: 285199
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 127.277 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031446.D

Acq: 9 Dec 2017 8:30

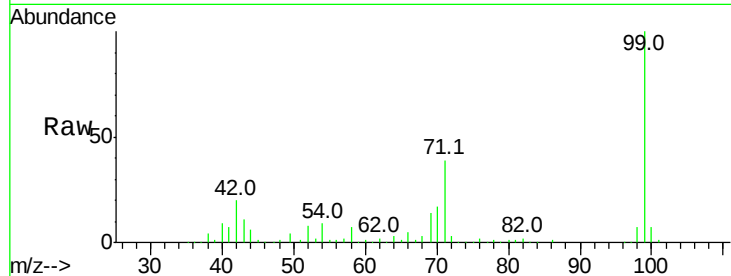
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 362666

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	38.6	26.1	39.1

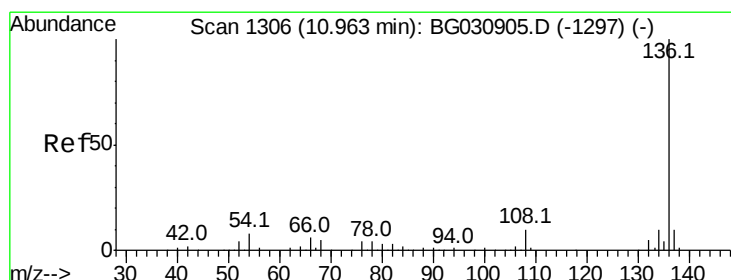
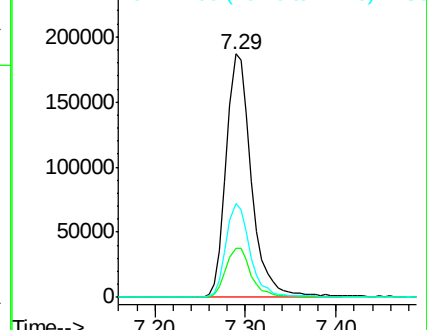
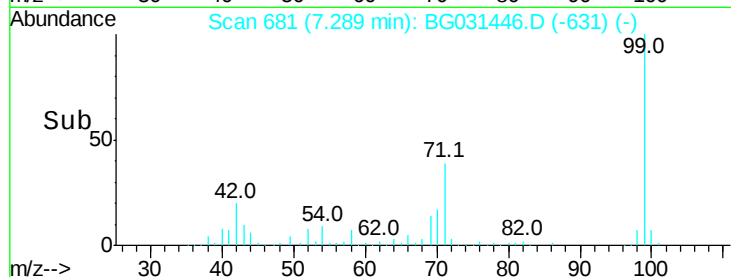


Abundance

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: 10.94 min Scan# 1303

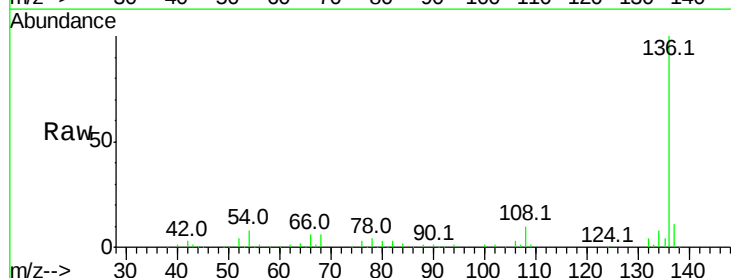
Delta R.T. 0.00 min

Lab File: BG031446.D

Acq: 9 Dec 2017 8:30

Tgt Ion: 136 Resp: 160848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7



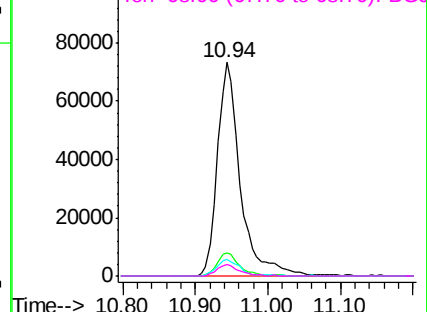
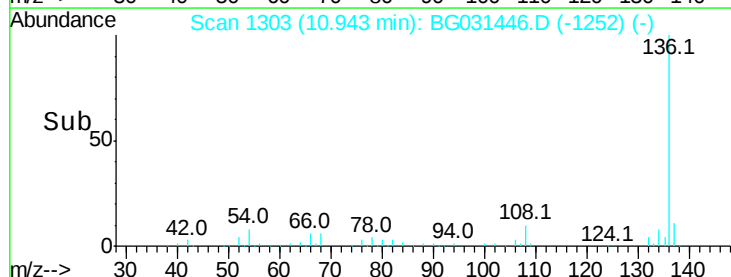
Abundance

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

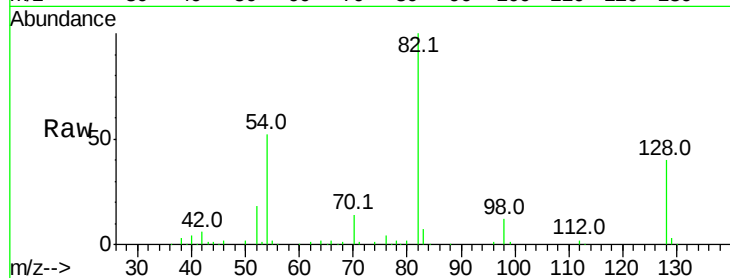




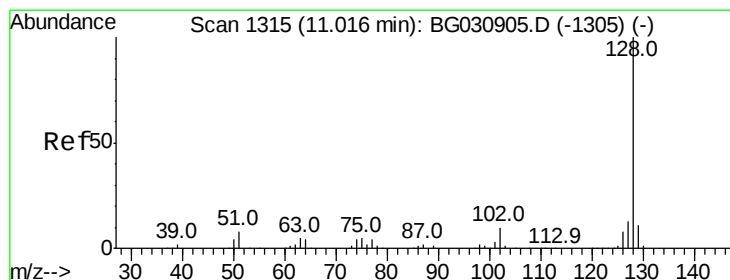
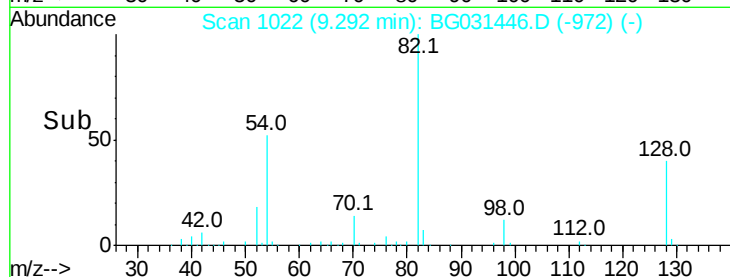
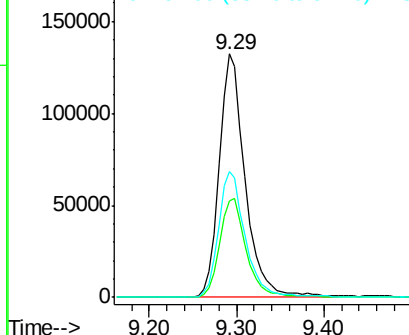
#23
Nitrobenzene-d5
Concen: 99.828 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 270979
Ion Ratio Lower Upper
82 100
128 39.7 29.7 44.5
54 51.8 43.1 64.7

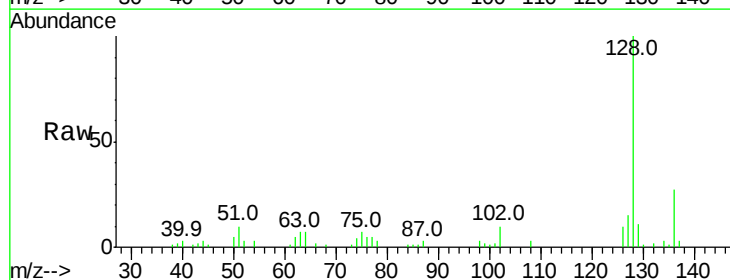


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

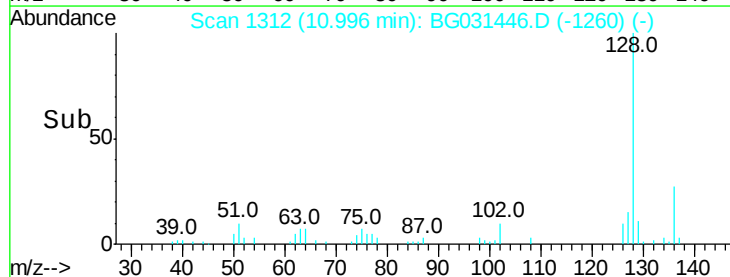
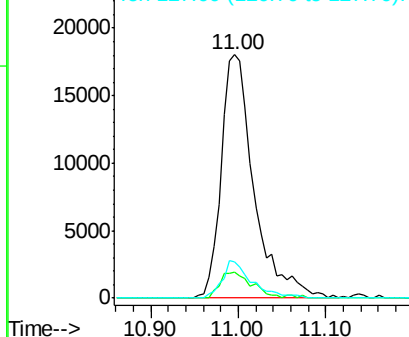


#31
Naphthalene
Concen: 5.874 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:128 Resp: 46448
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 15.1 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

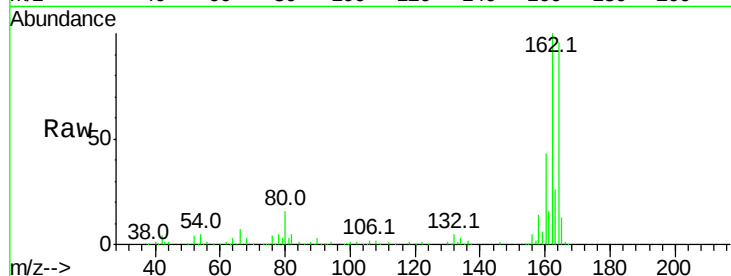




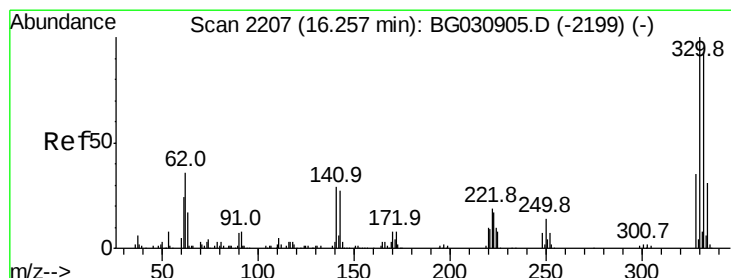
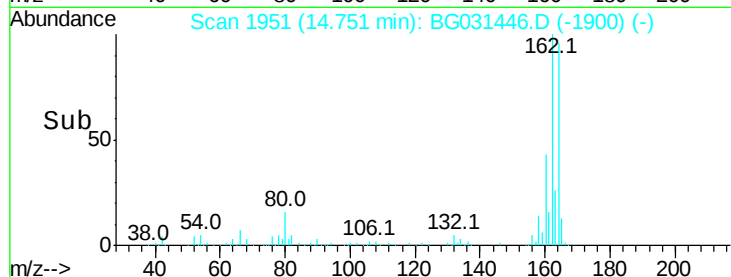
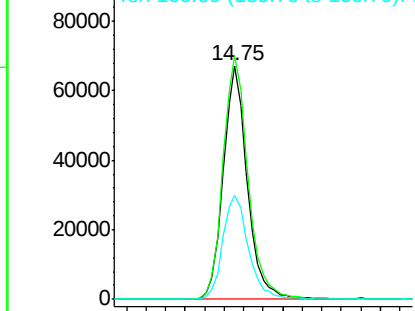
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 114488
Ion Ratio Lower Upper
164 100
162 104.2 78.8 118.2
160 44.3 35.4 53.0

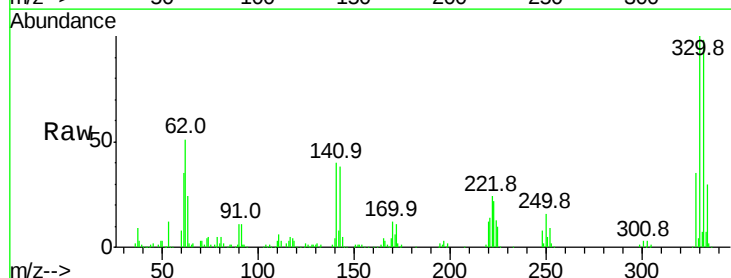


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

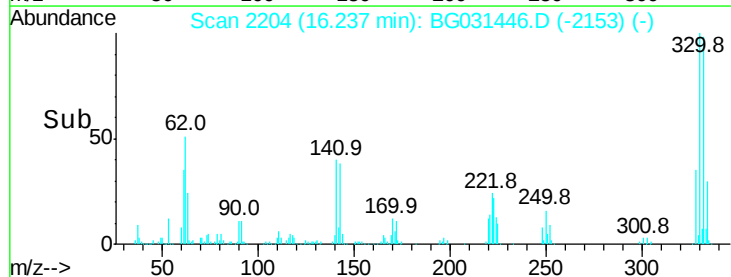
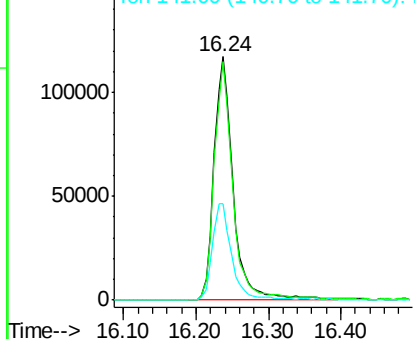


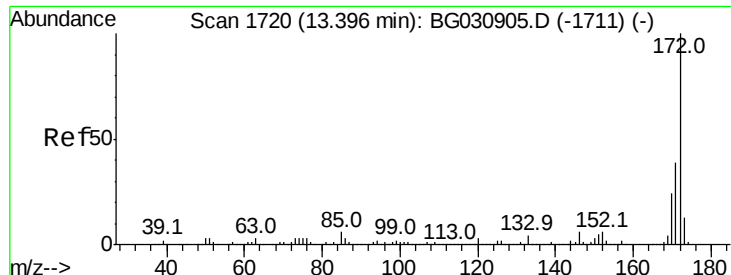
#41
2,4,6-Tribromophenol
Concen: 116.464 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:330 Resp: 215696
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 40.0 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



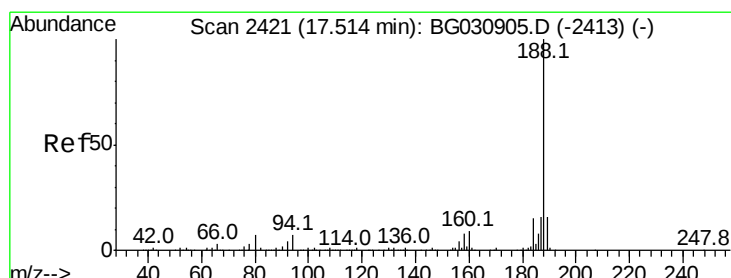
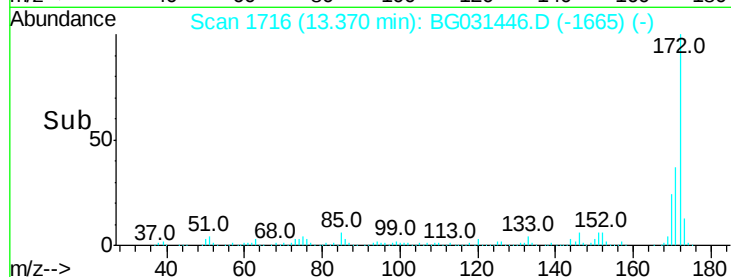
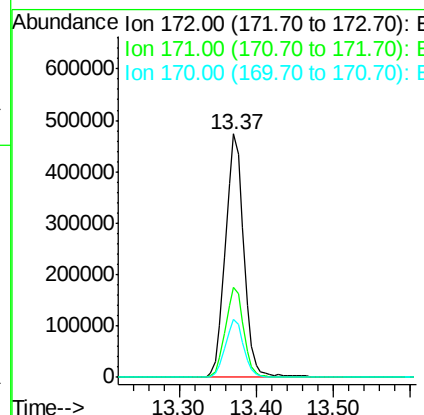
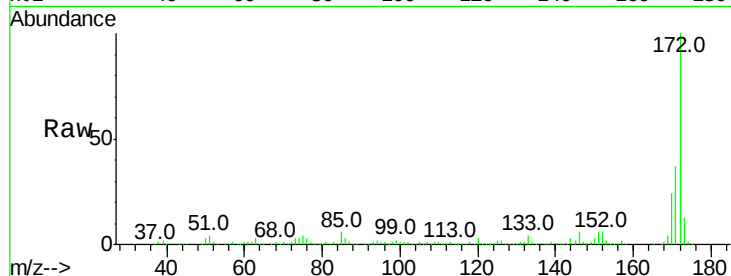


#44
 2-Fluorobiphenyl
 Concen: 98.686 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031446.D
 Acq: 9 Dec 2017 8:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 786305

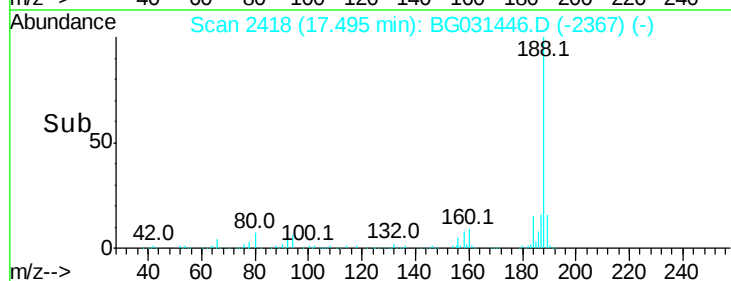
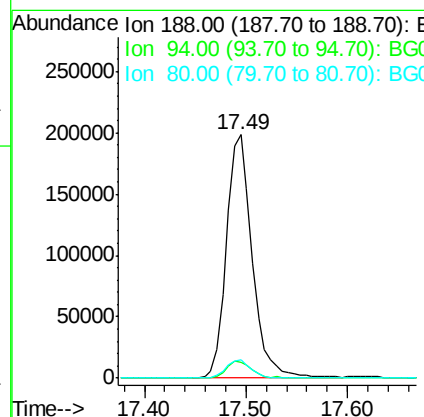
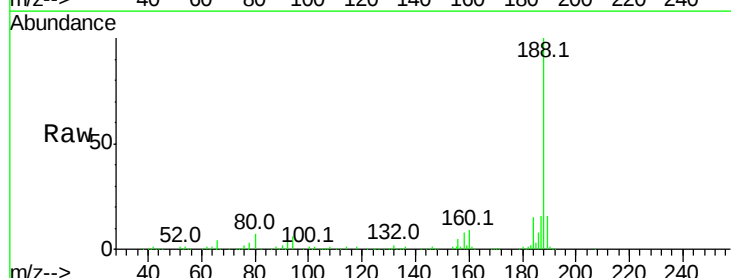
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.8	19.5	29.3

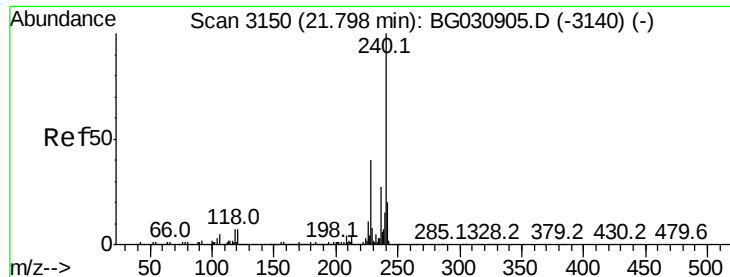


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG031446.D
 Acq: 9 Dec 2017 8:30

Tgt Ion:188 Resp: 351020

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031446.D

Acq: 9 Dec 2017 8:30

Instrument :

BNA_G

ClientSampleId :

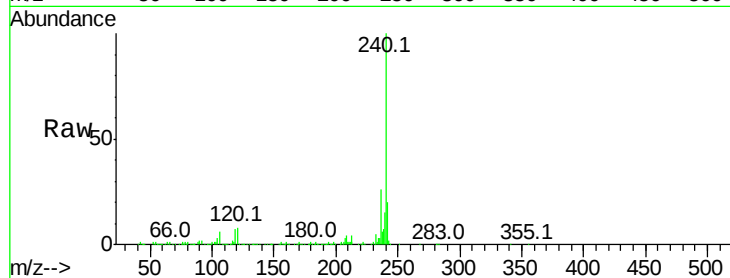
Tot Ion:240 Resp: 399934

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

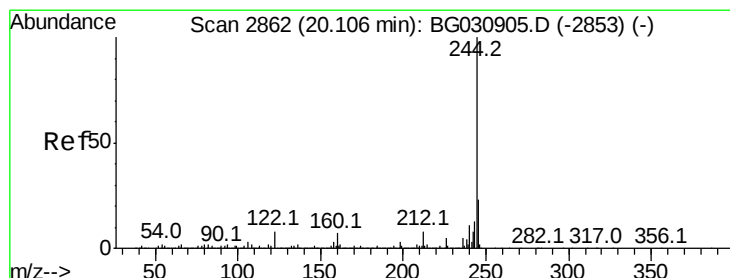
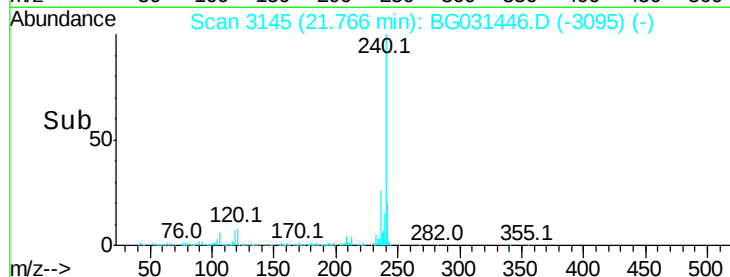
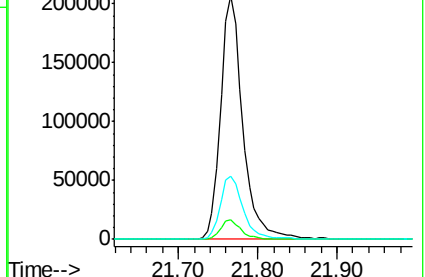
236 26.1 20.9 31.3



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: 97.130 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031446.D

Acq: 9 Dec 2017 8:30

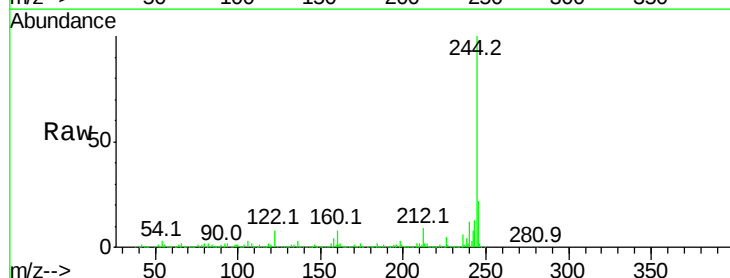
Tgt Ion:244 Resp: 1759243

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

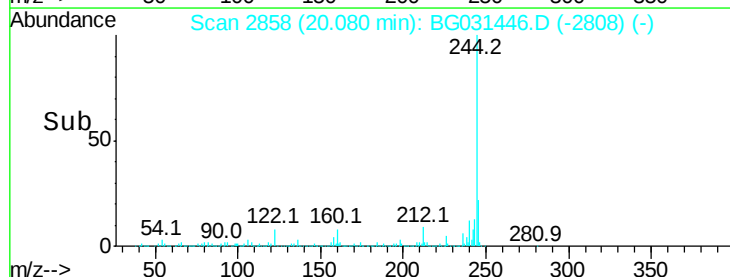
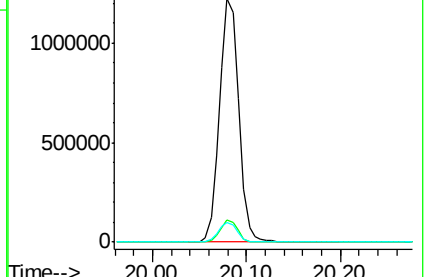
122 8.2 7.0 10.4



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

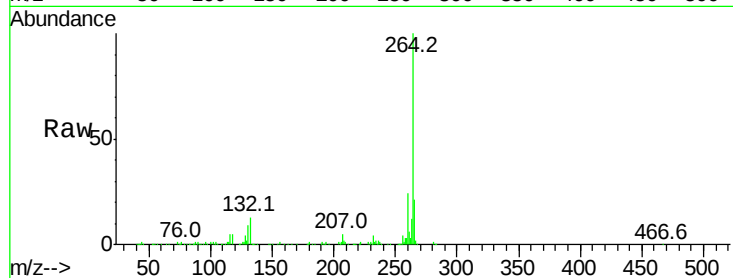




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.1	17.7	26.5



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

