

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031428.D
 Acq On : 8 Dec 2017 17:58
 Operator : SJ/JU
 Sample : I6676-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 23:56:45 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	42365	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	196926	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	149102	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	473017	20.00	ng	0.00
75) Chrysene-d12	21.77	240	534942	20.00	ng	0.00
86) Perylene-d12	25.07	264	504284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	335751	135.90	ng	0.00
7) Phenol-d6	7.29	99	428903	128.86	ng	0.00
23) Nitrobenzene-d5	9.29	82	303522	91.33	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	296346	122.86	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	917726	88.44	ng	0.00
78) Terphenyl-d14	20.09	244	2114664	87.29	ng	0.00

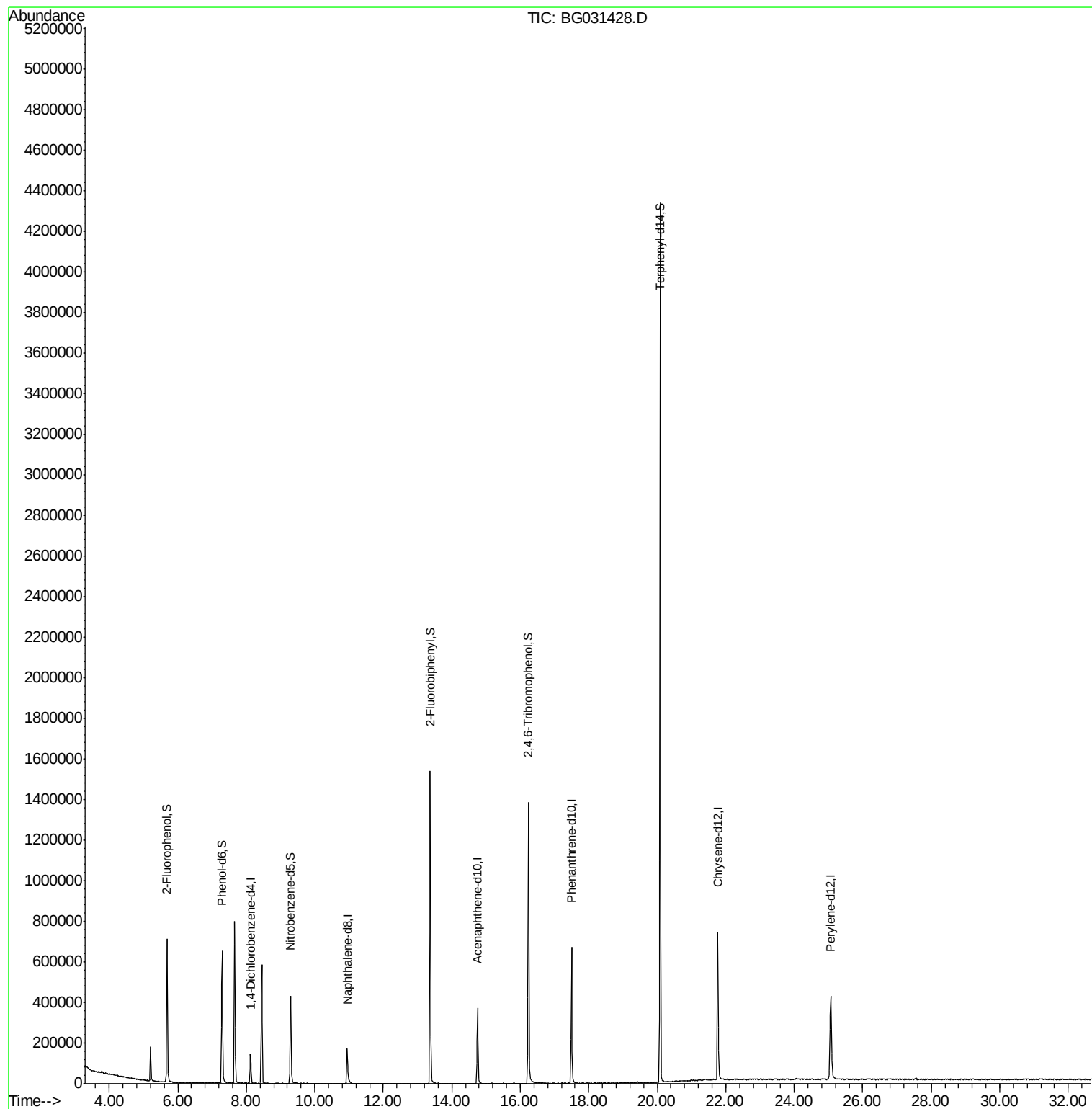
Target Compounds Qvalue

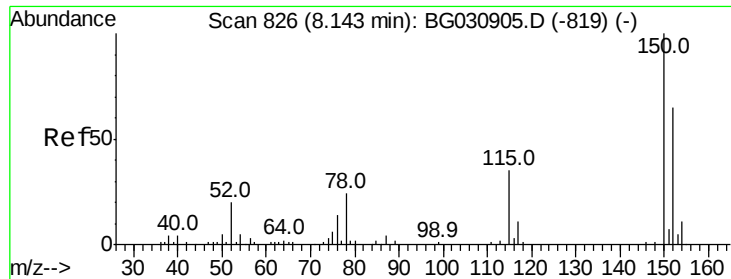
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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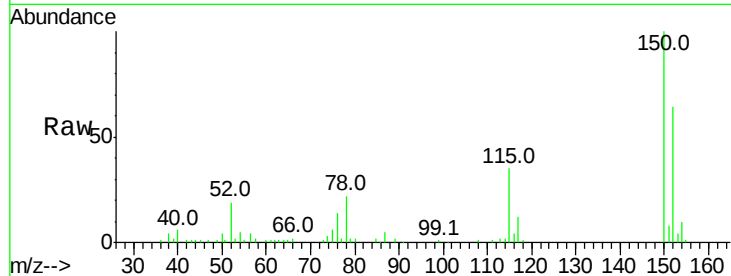


#1

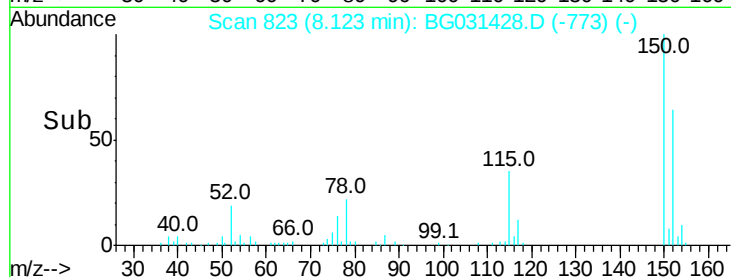
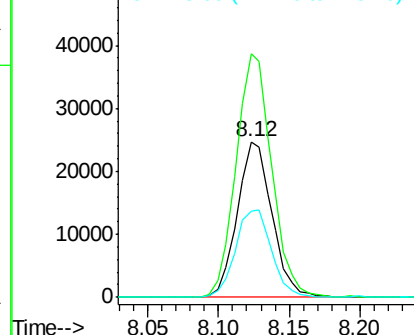
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031428.D
Acq: 8 Dec 2017 17:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42365
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 55.2 53.0 79.4



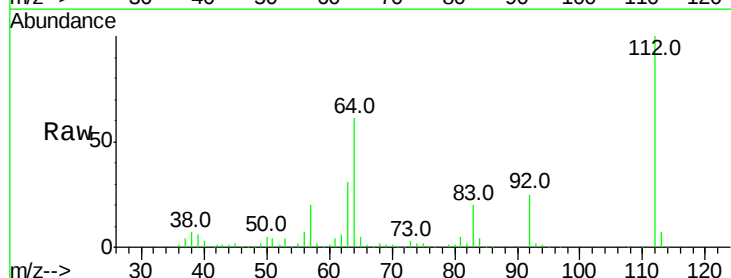
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



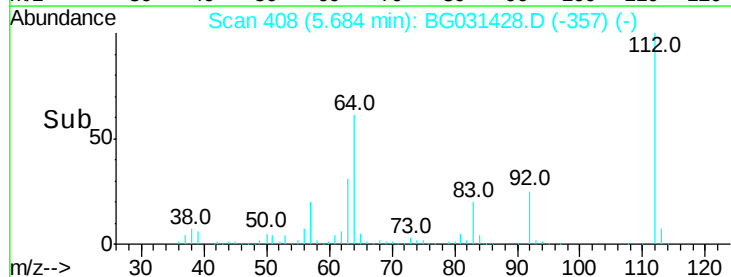
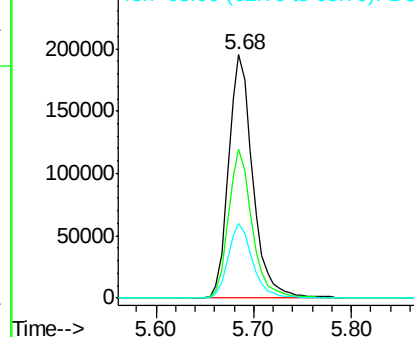
#5

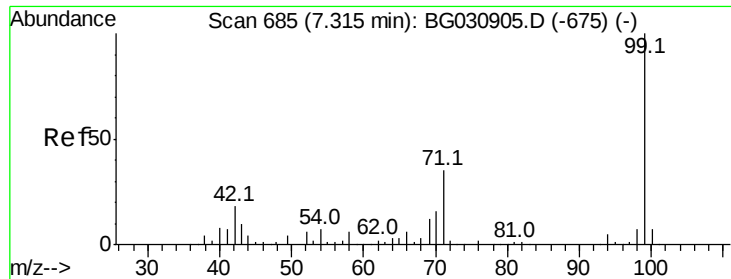
2-Fluorophenol
Concen: 135.898 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031428.D
Acq: 8 Dec 2017 17:58

Tgt Ion:112 Resp: 335751
Ion Ratio Lower Upper
112 100
64 61.1 56.3 84.5
63 30.8 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: 128.860 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031428.D

Acq: 8 Dec 2017 17:58

Instrument :

BNA_G

ClientSampled :

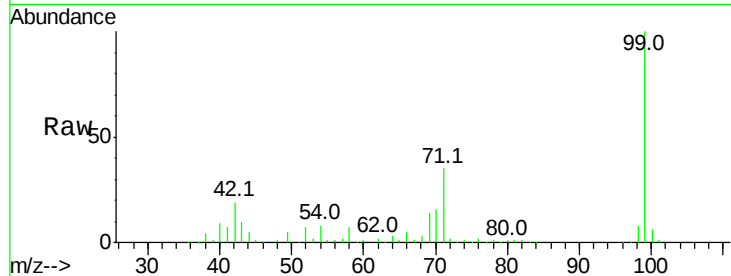
Tot Ion: 99 Resp: 428903

Ion Ratio Lower Upper

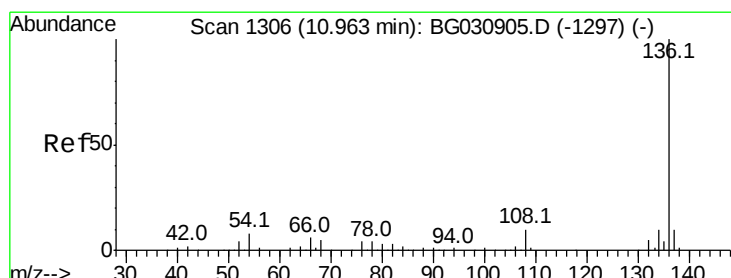
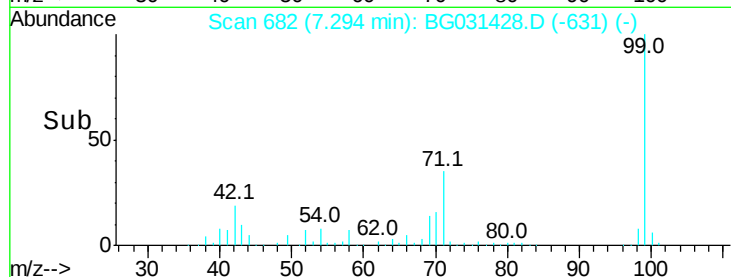
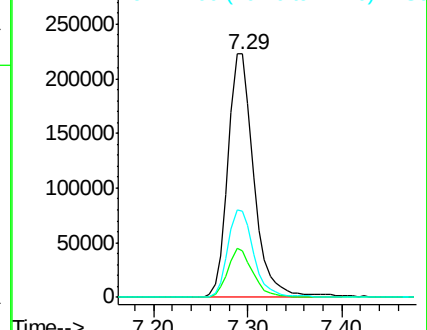
99 100

42 19.1 14.1 21.1

71 35.4 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: BG031428.D

Acq: 8 Dec 2017 17:58

Tgt Ion: 136 Resp: 196926

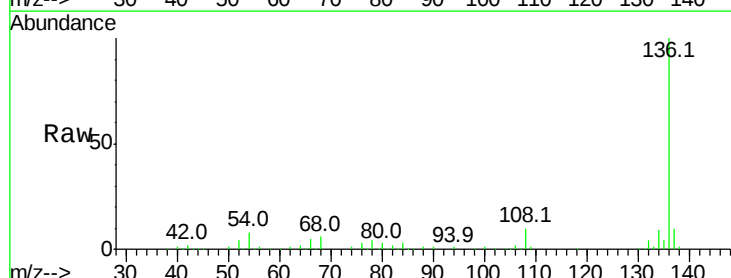
Ion Ratio Lower Upper

136 100

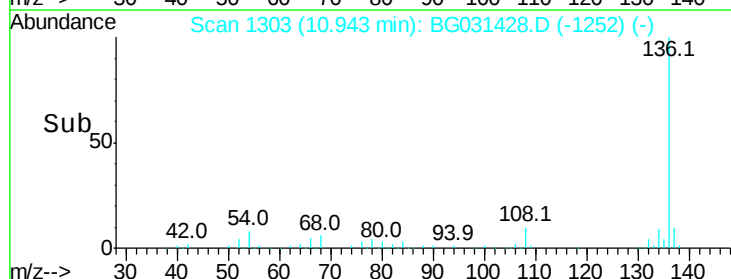
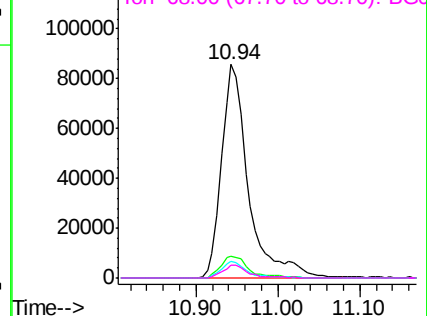
137 10.2 9.2 13.8

54 7.7 10.3 15.5#

68 5.8 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

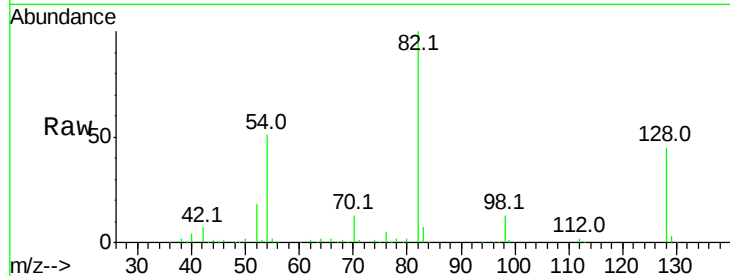




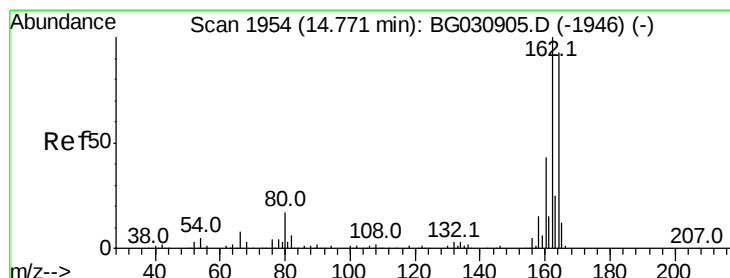
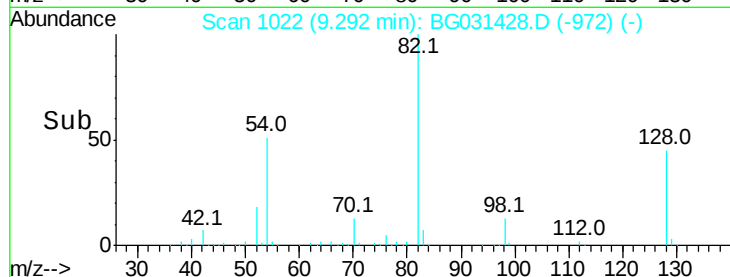
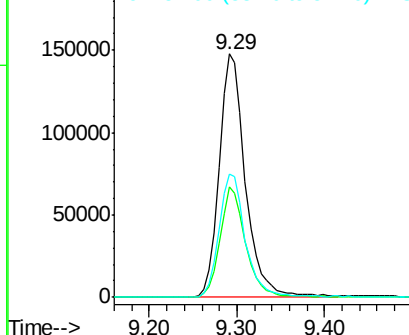
#23
 Nitrobenzene-d5
 Concen: 91.332 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG031428.D
 Acq: 8 Dec 2017 17:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	50.6	43.1	64.7

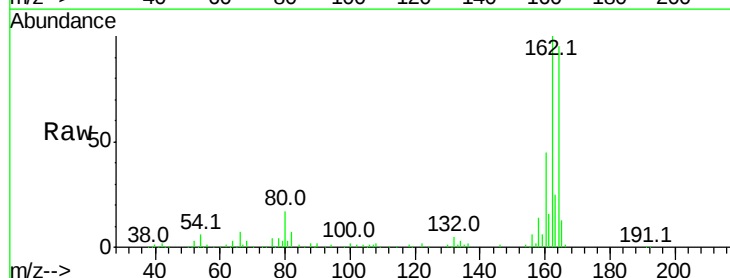


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

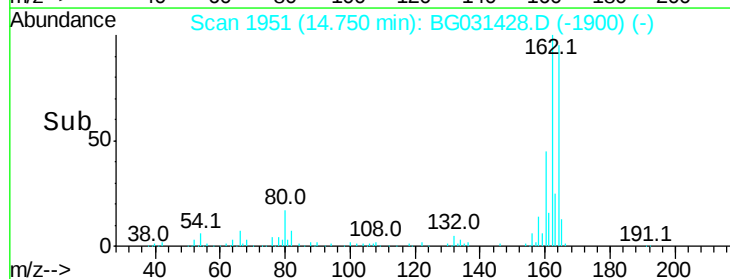
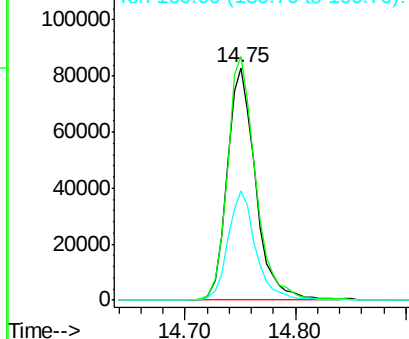


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031428.D
 Acq: 8 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.7	35.4	53.0



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

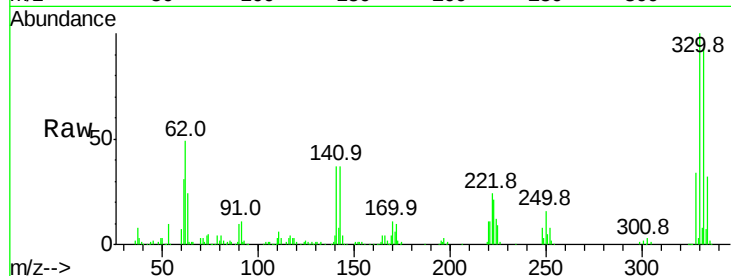




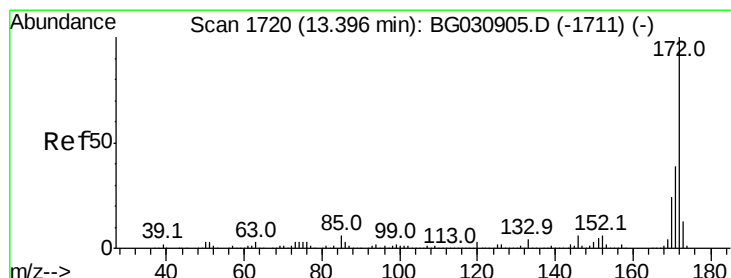
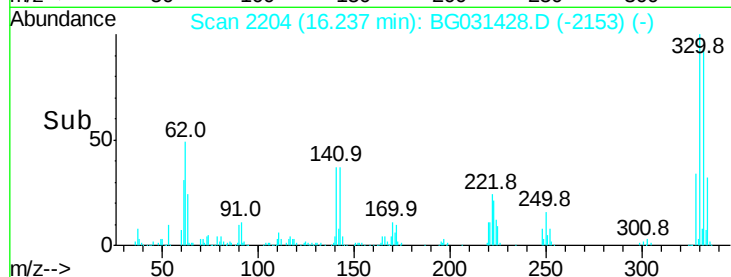
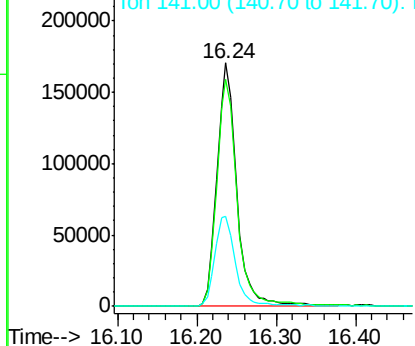
#41
 2,4,6-Tribromophenol
 Concen: 122.864 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031428.D
 Acq: 8 Dec 2017 17:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.5	25.2	37.8#

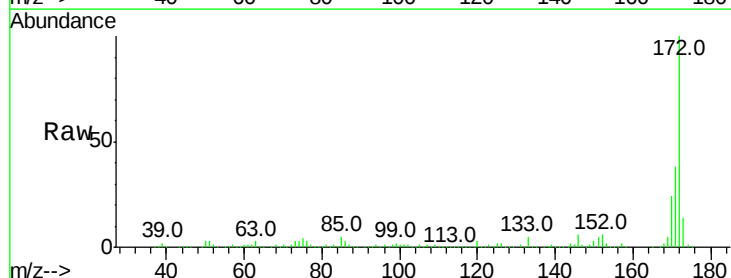


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

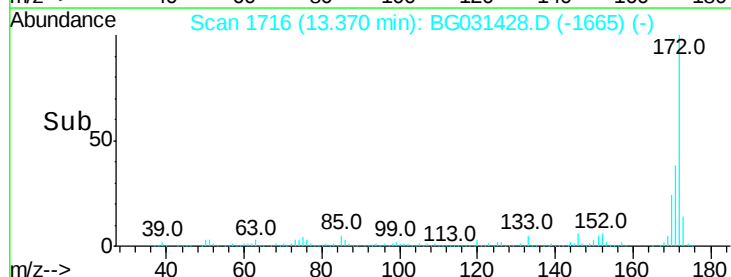
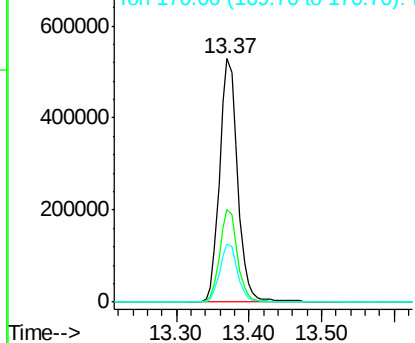


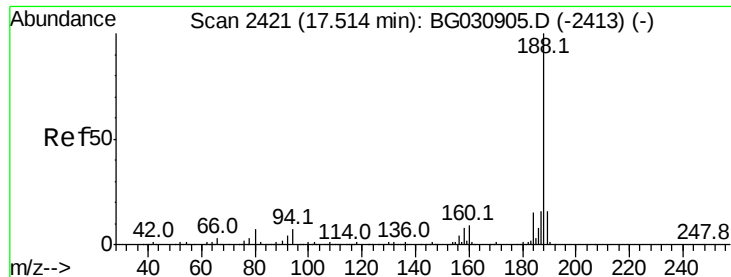
#44
 2-Fluorobiphenyl
 Concen: 88.441 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031428.D
 Acq: 8 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.8	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG031428.D

Acq: 8 Dec 2017 17:58

Instrument :

BNA_G

ClientSampleId :

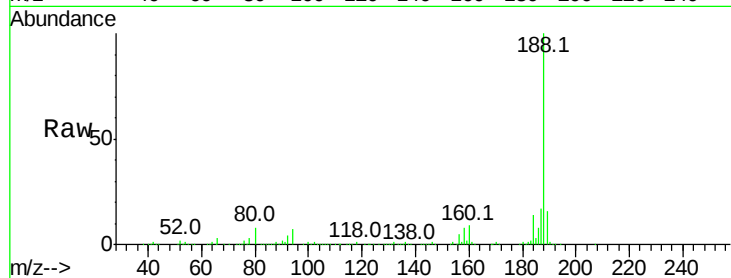
Tot Ion:188 Resp: 473017

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

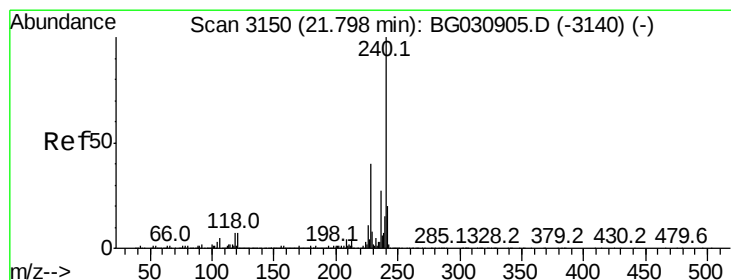
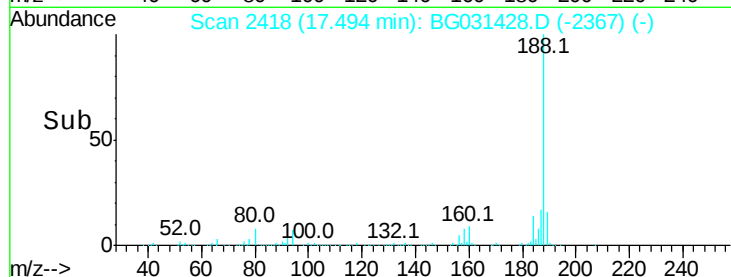
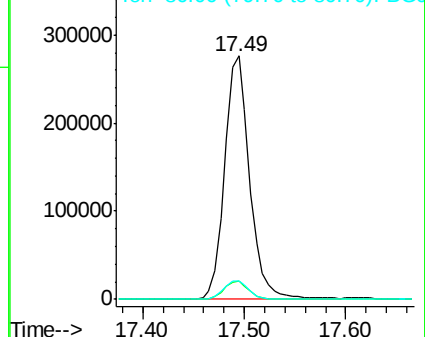
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031428.D

Acq: 8 Dec 2017 17:58

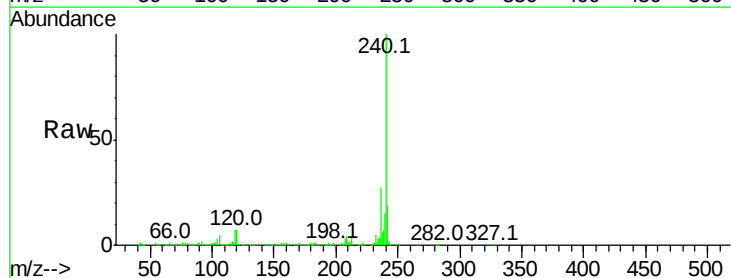
Tgt Ion:240 Resp: 534942

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

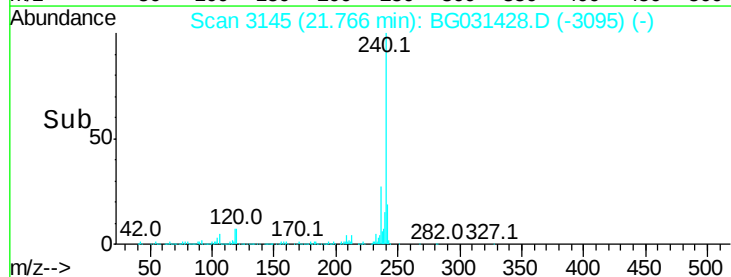
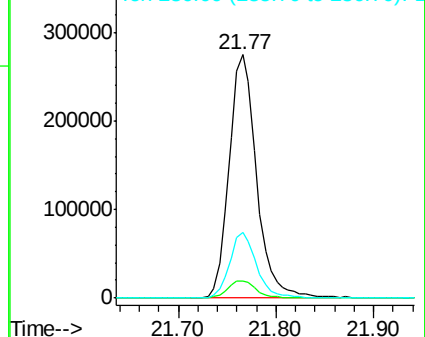
236 27.0 20.9 31.3



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: 87.287 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031428.D

Acq: 8 Dec 2017 17:58

Instrument :

BNA_G

ClientSampleId :

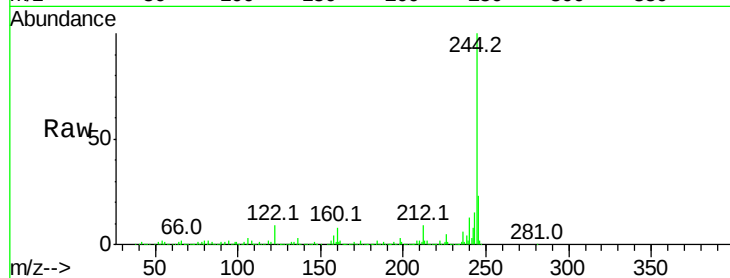
Tot Ion:244 Resp: 2114664

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

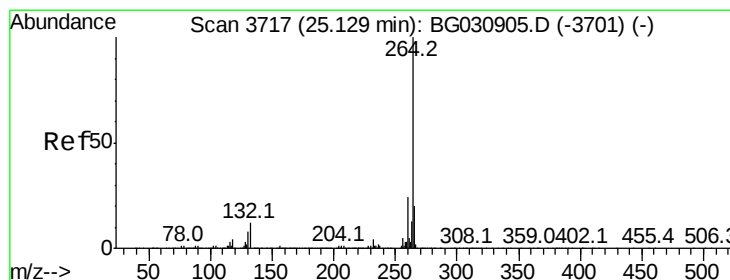
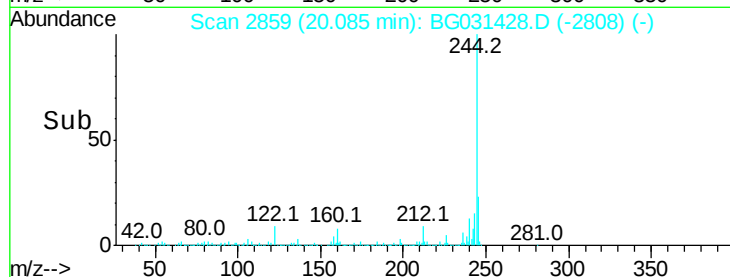
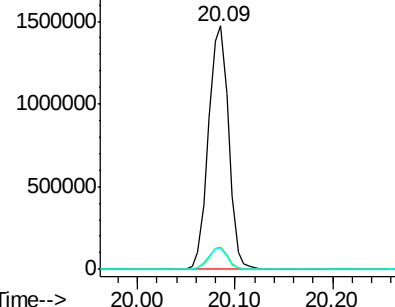
122 8.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG031428.D

Acq: 8 Dec 2017 17:58

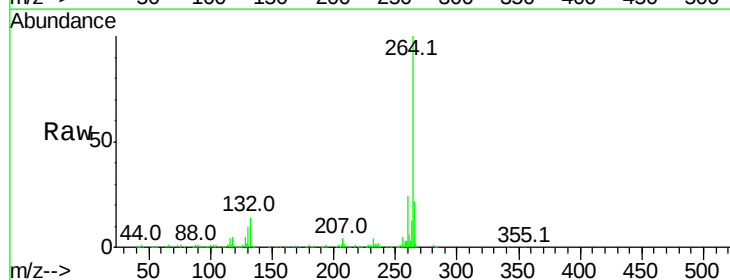
Tgt Ion:264 Resp: 504284

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.1 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

