

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031528.D
 Acq On : 13 Dec 2017 15:21
 Operator : SJ/JU
 Sample : I6817-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:47:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

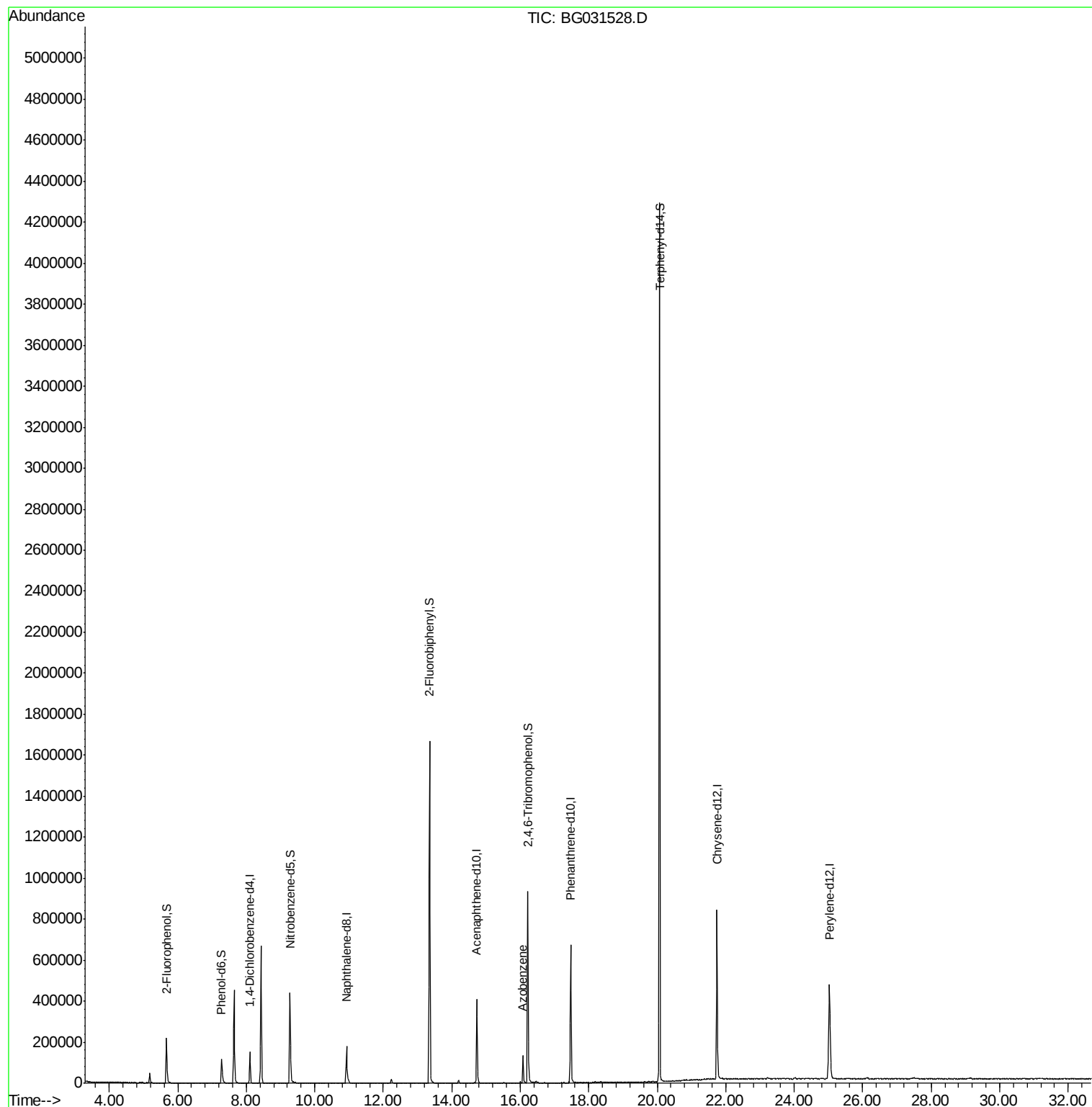
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49305	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	216049	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	158855	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	478901	20.00	ng	0.00
75) Chrysene-d12	21.74	240	563054	20.00	ng	0.00
86) Perylene-d12	25.03	264	551497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	123794	44.50	ng	0.00
7) Phenol-d6	7.28	99	94298	24.42	ng	0.00
23) Nitrobenzene-d5	9.28	82	311416	88.84	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	211859	113.84	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	998138	92.23	ng	0.00
78) Terphenyl-d14	20.07	244	1947387	78.69	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	41906	3.837	ng	Qvalue # 1

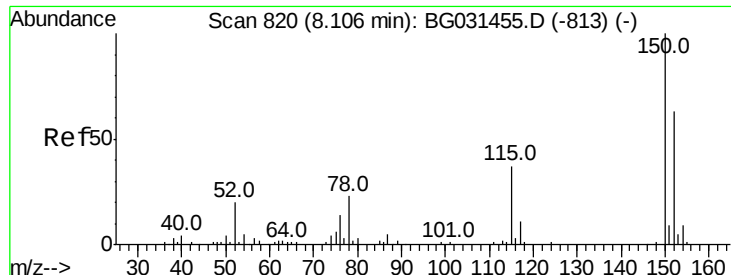
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
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BNA_G
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Quant Time: Dec 13 16:47:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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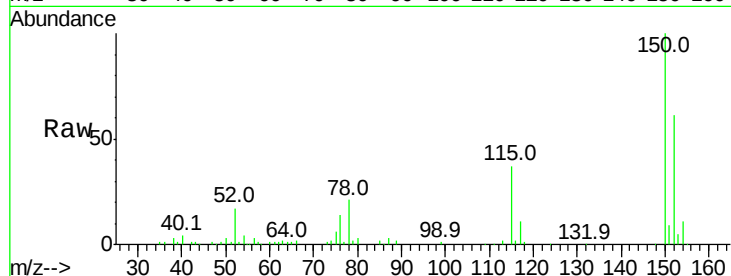


#1

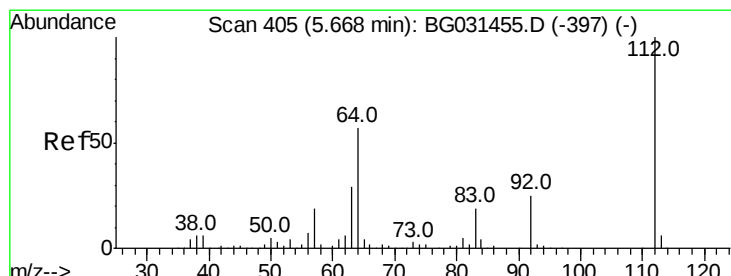
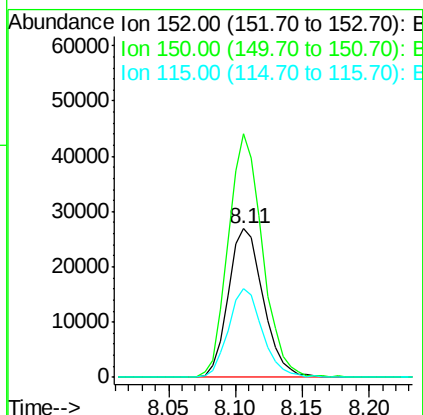
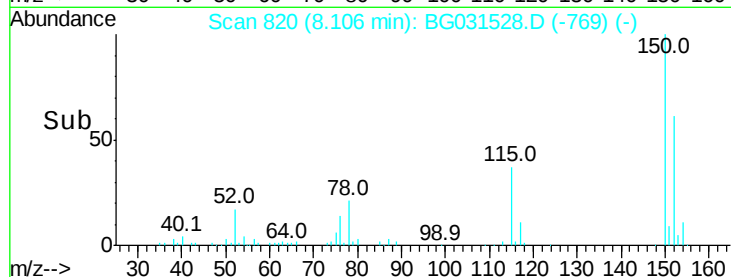
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031528.D
Acq: 13 Dec 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	126.6	189.8
115	59.9	53.0	79.4



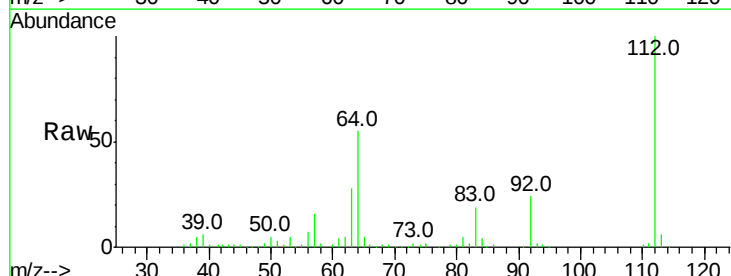
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



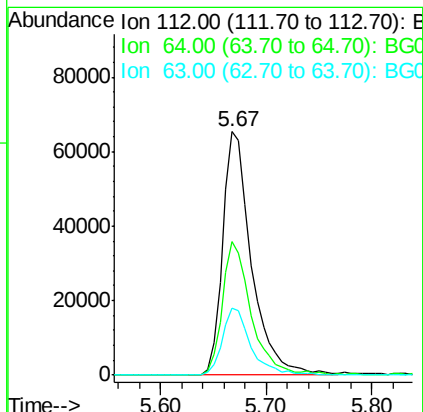
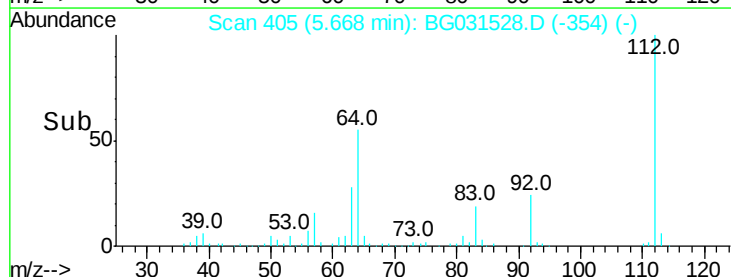
#5

2-Fluorophenol
Concen: 44.504 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031528.D
Acq: 13 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	27.7	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: 24.420 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

Instrument :

BNA_G

ClientSampled :

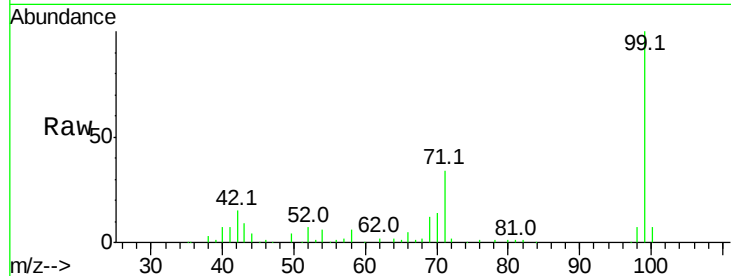
Tot Ion: 99 Resp: 94298

Ion Ratio Lower Upper

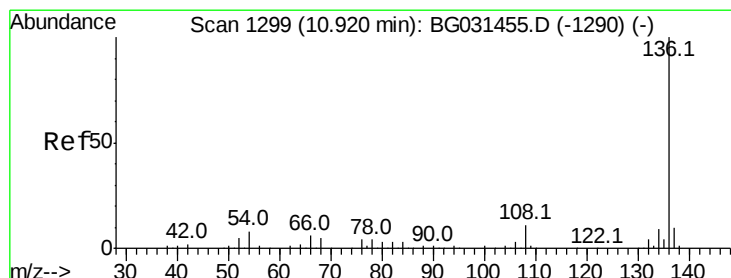
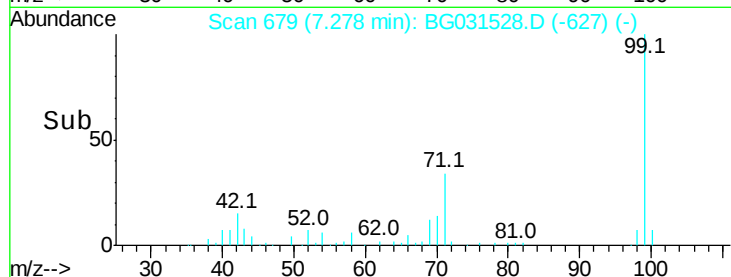
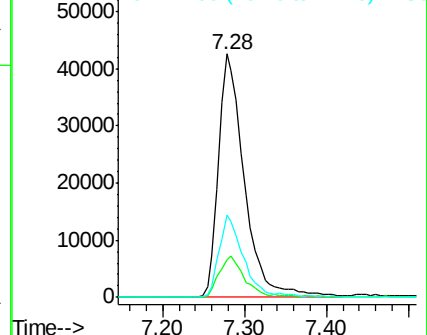
99 100

42 15.4 14.1 21.1

71 33.6 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

Tgt Ion: 136 Resp: 216049

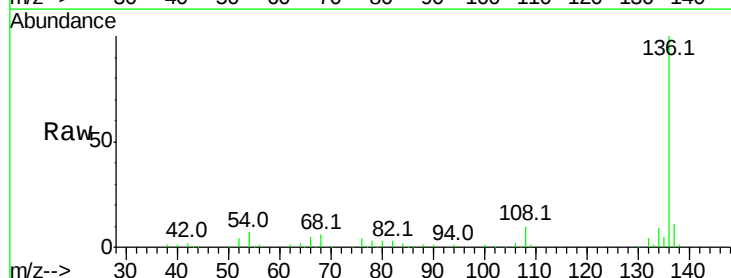
Ion Ratio Lower Upper

136 100

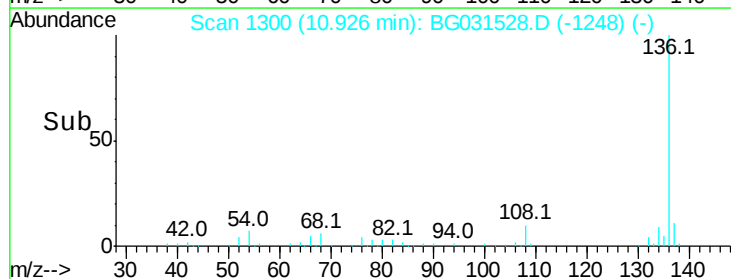
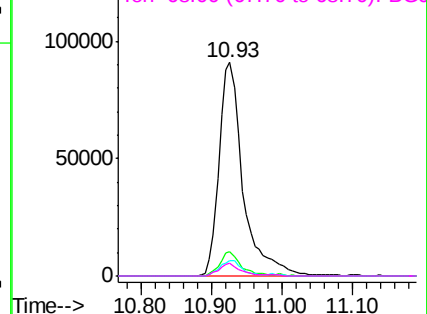
137 11.2 9.2 13.8

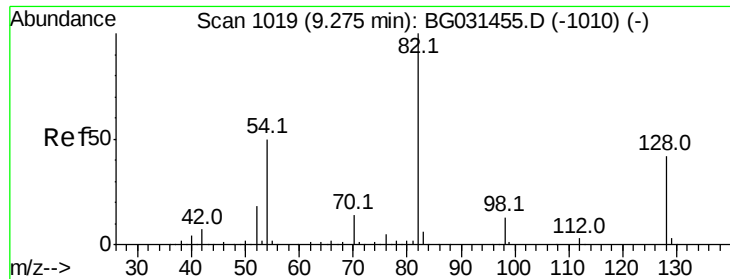
54 7.5 10.3 15.5#

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

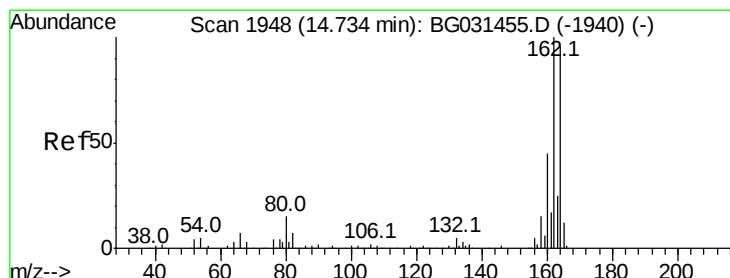
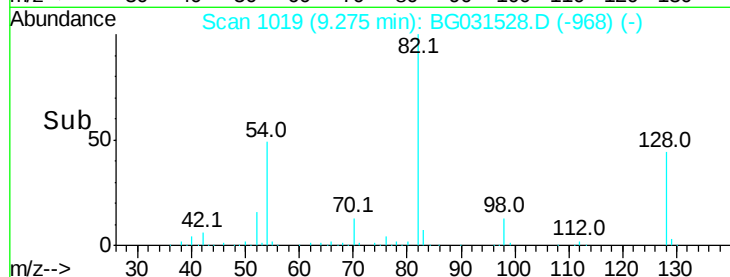
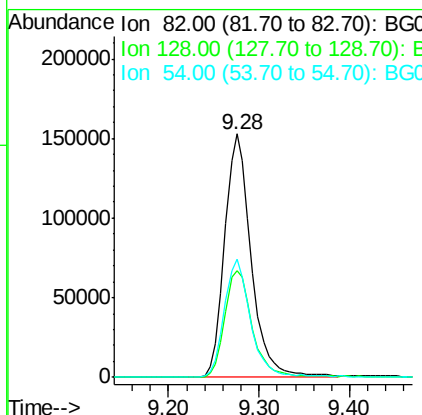
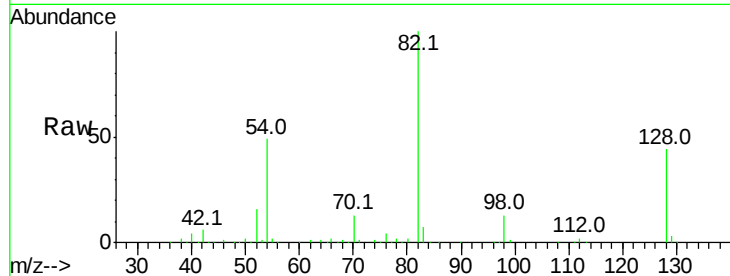




#23
Nitrobenzene-d5
Concen: 88.844 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031528.D
Acq: 13 Dec 2017 15:21

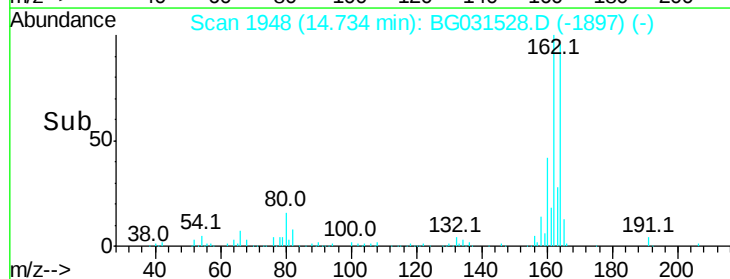
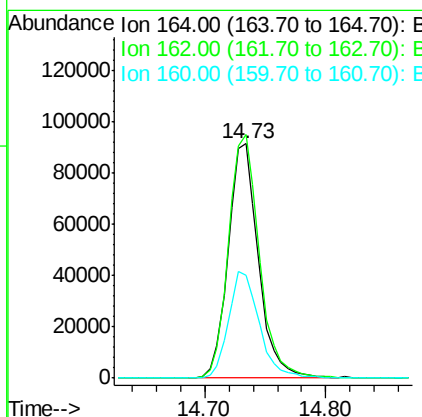
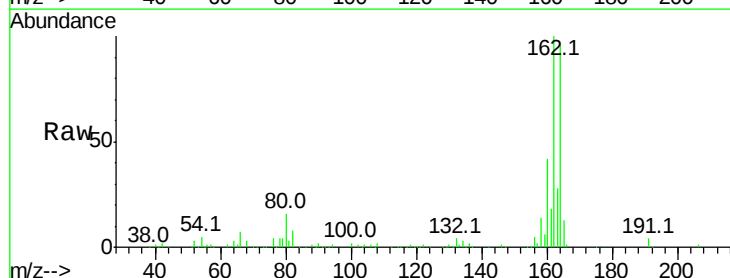
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	48.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031528.D
Acq: 13 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	44.0	35.4	53.0

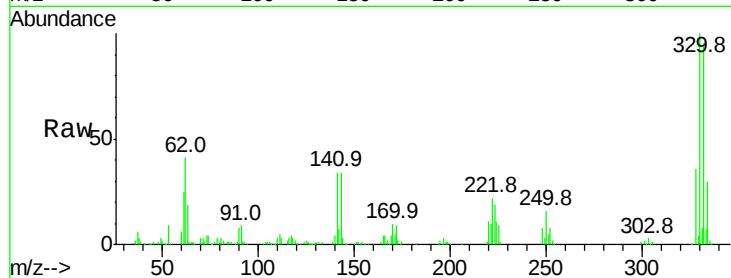




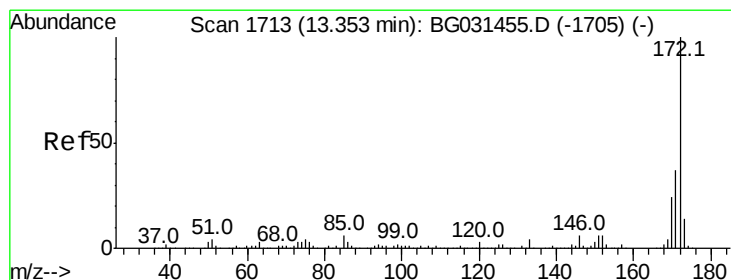
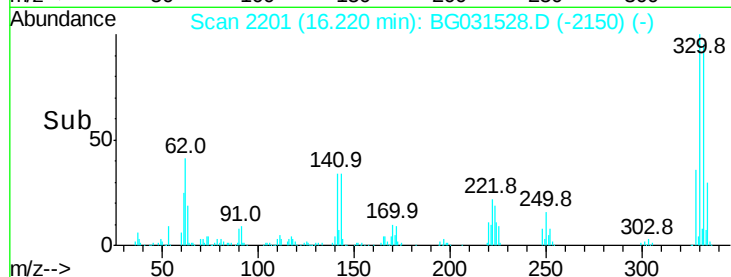
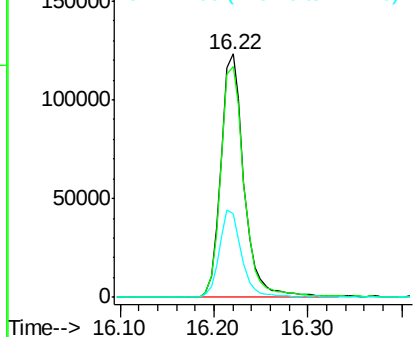
#41
 2,4,6-Tribromophenol
 Concen: 113.838 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031528.D
 Acq: 13 Dec 2017 15:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.5	25.2	37.8

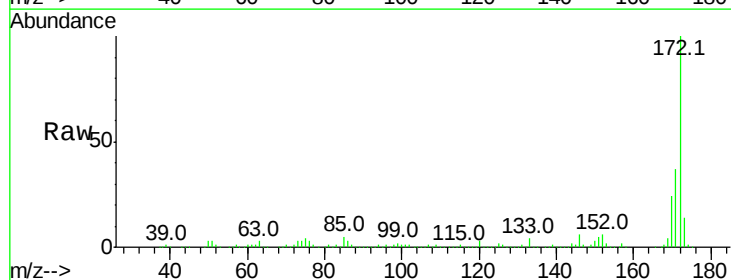


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

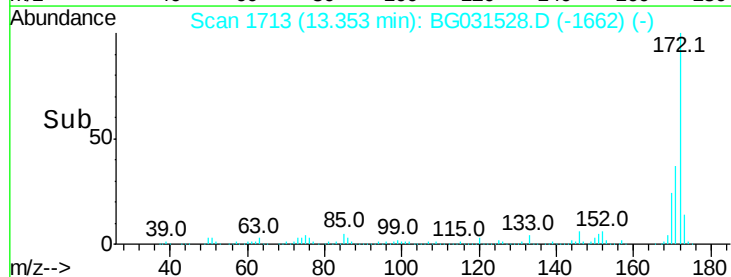
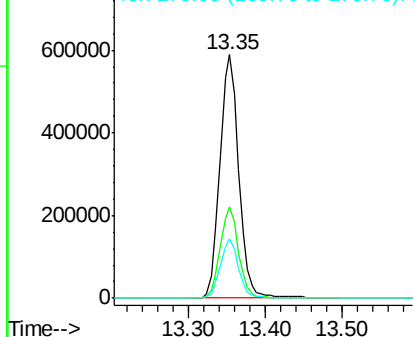


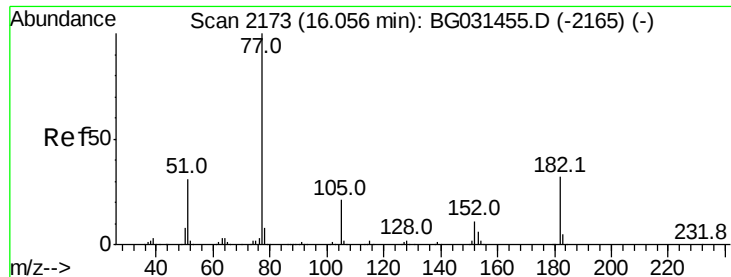
#44
 2-Fluorobiphenyl
 Concen: 92.231 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031528.D
 Acq: 13 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.1	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





#62

Azobenzene

Concen: 3.837 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 41906

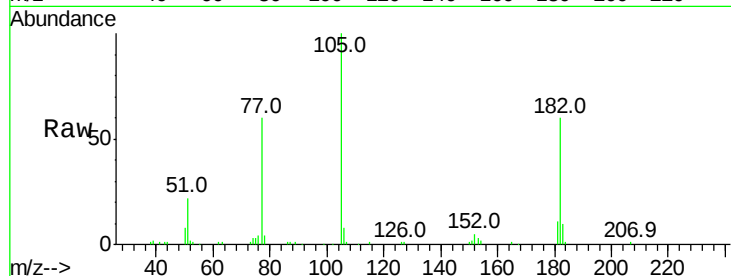
Ion Ratio Lower Upper

77 100

182 100.9 7.4 47.4#

105 167.4 0.3 40.3#

51 36.2 11.6 51.6

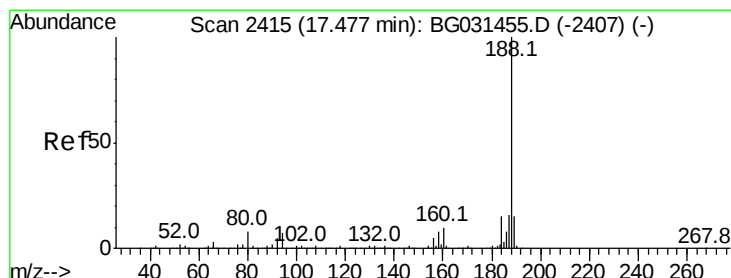
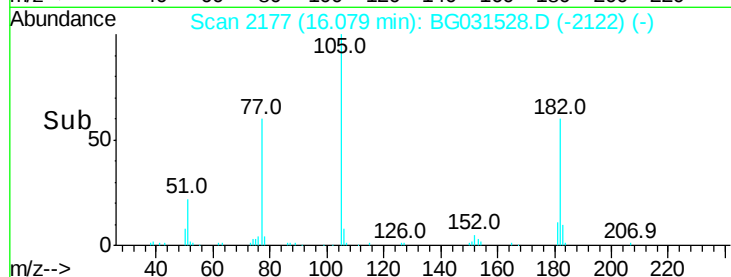
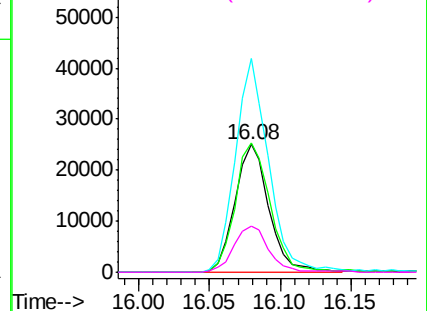


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

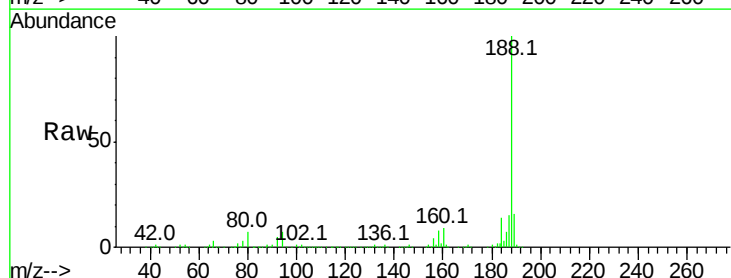
Tgt Ion: 188 Resp: 478901

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

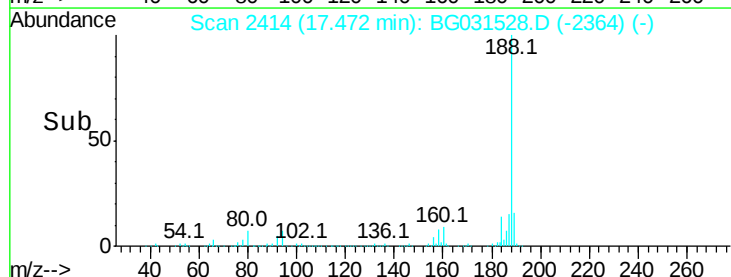
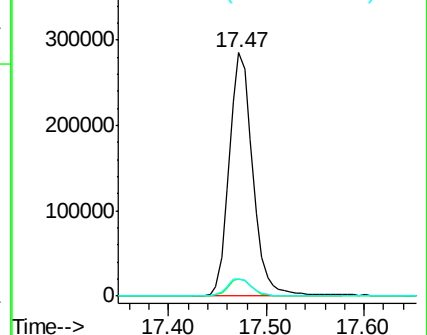
80 6.9 7.7 11.5#

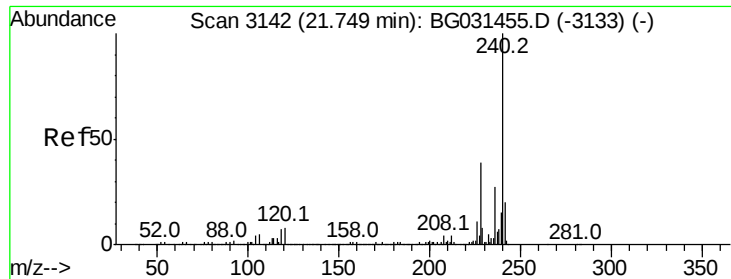


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

Instrument :

BNA_G

ClientSampleId :

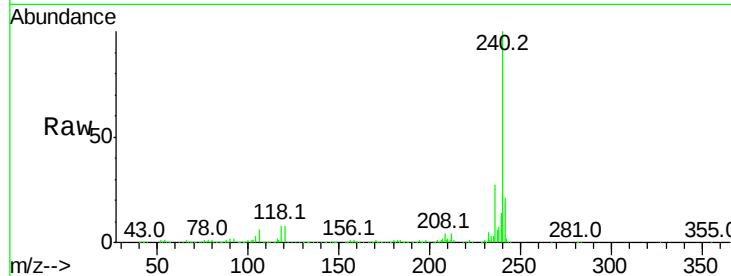
Tot Ion:240 Resp: 563054

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

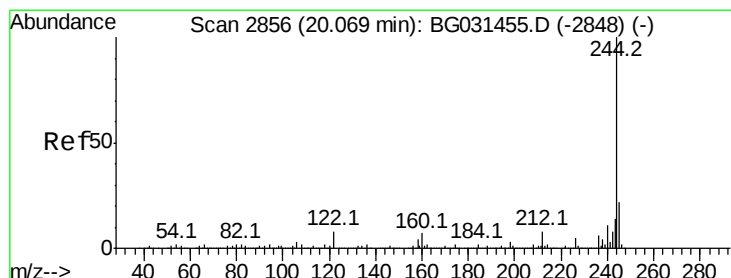
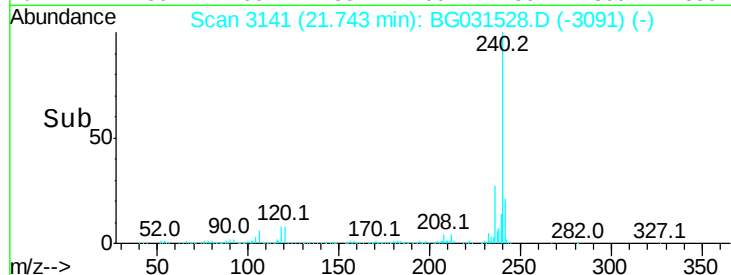
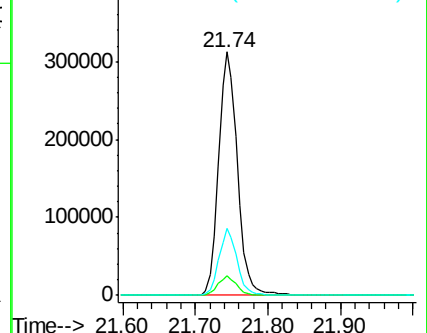
236 27.5 20.9 31.3



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: 78.689 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031528.D

Acq: 13 Dec 2017 15:21

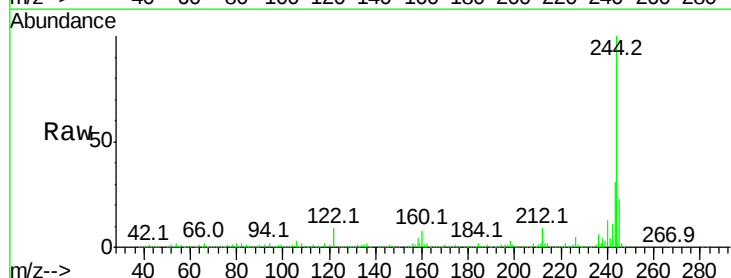
Tgt Ion:244 Resp: 1947387

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

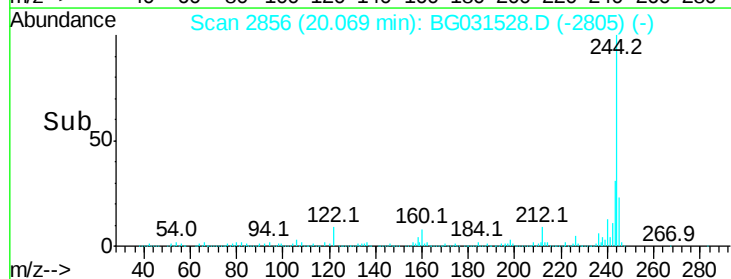
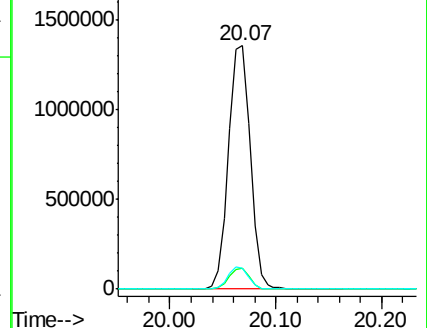
122 8.5 7.0 10.4

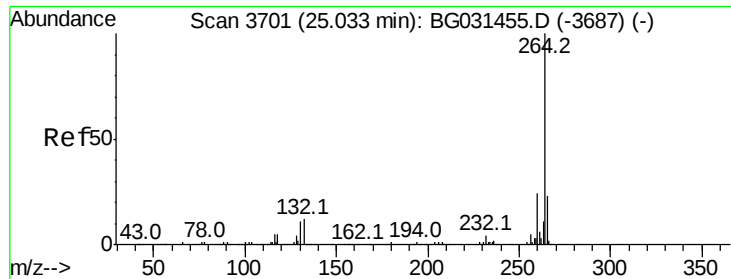


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031528.D
Acq: 13 Dec 2017 15:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.1	17.7	26.5

