

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031553.D
 Acq On : 14 Dec 2017 7:00
 Operator : SJ/JU
 Sample : I6817-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 07:53:27 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

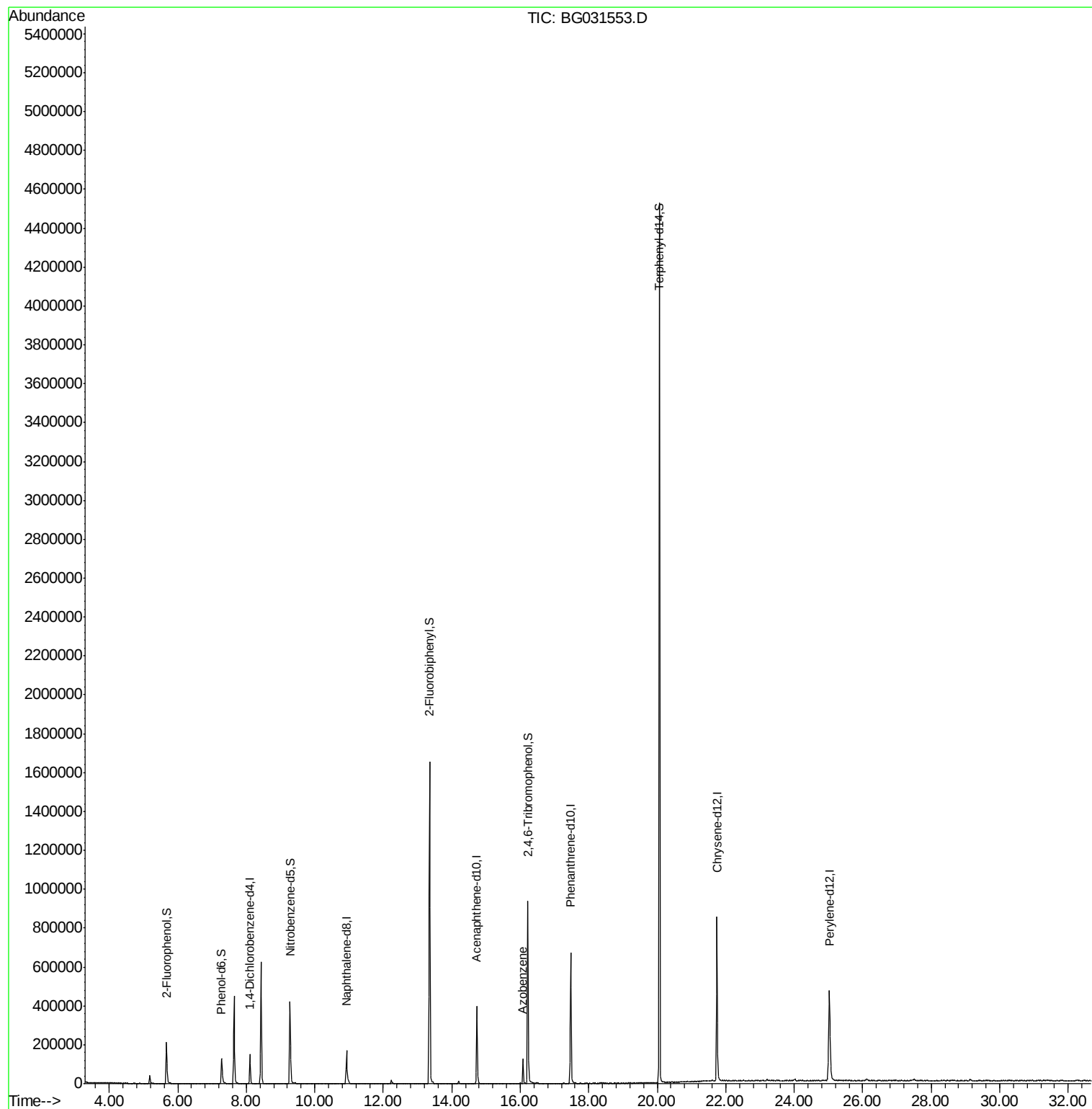
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48679	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	213635	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	155857	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	493507	20.00	ng	0.00
75) Chrysene-d12	21.74	240	577586	20.00	ng	0.00
86) Perylene-d12	25.03	264	559313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	120821	43.99	ng	0.00
7) Phenol-d6	7.28	99	102297	26.83	ng	0.01
23) Nitrobenzene-d5	9.27	82	304834	87.95	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	210974	115.54	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1015787	95.67	ng	0.00
78) Terphenyl-d14	20.06	244	2049017	80.71	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	39866	3.721	ng	Qvalue # 1

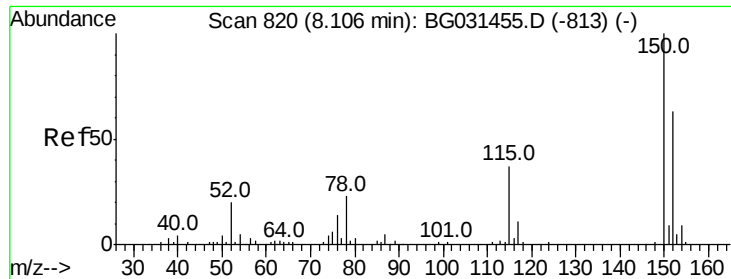
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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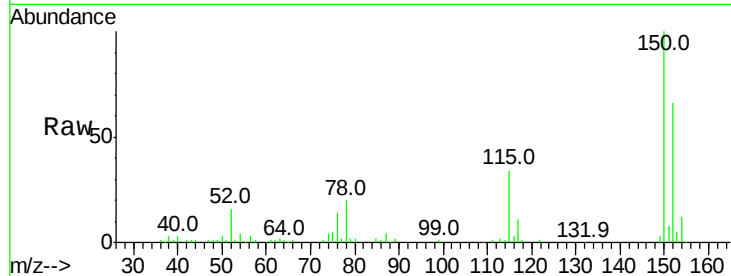


#1

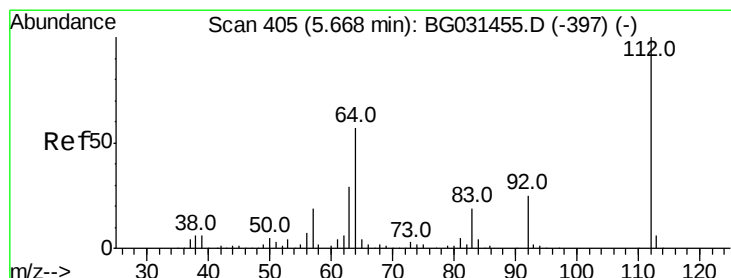
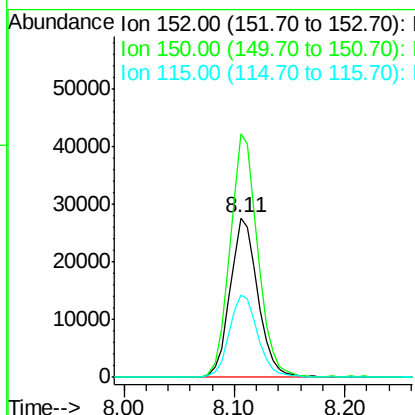
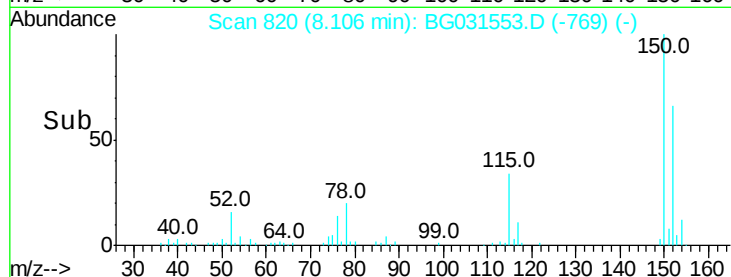
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031553.D
Acq: 14 Dec 2017 7:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48679
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 51.4 53.0 79.4#



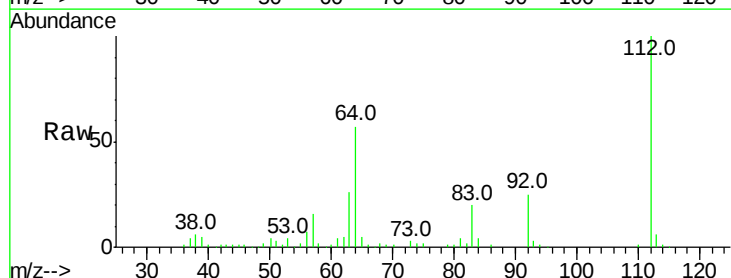
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



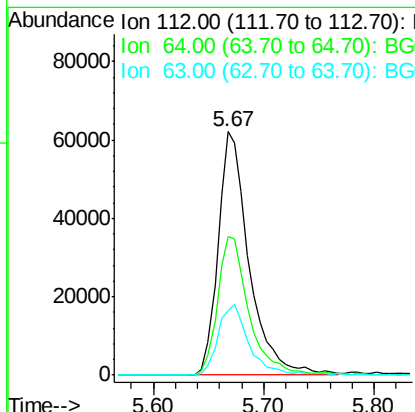
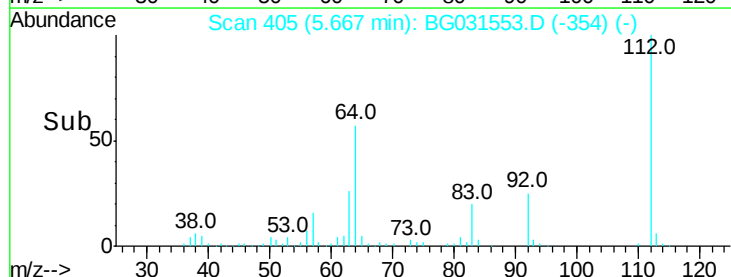
#5

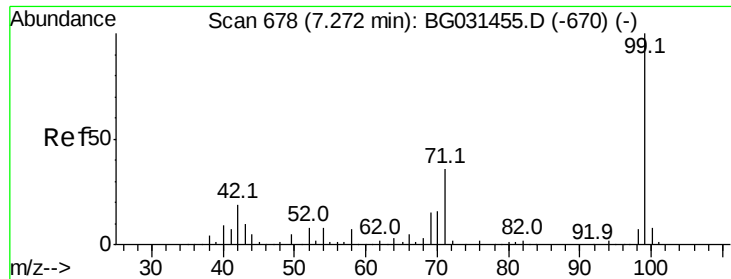
2-Fluorophenol
Concen: 43.994 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031553.D
Acq: 14 Dec 2017 7:00

Tgt Ion:112 Resp: 120821
Ion Ratio Lower Upper
112 100
64 57.2 56.3 84.5
63 26.5 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: 26.832 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031553.D

Acq: 14 Dec 2017 7:00

Instrument :

BNA_G

ClientSampleId :

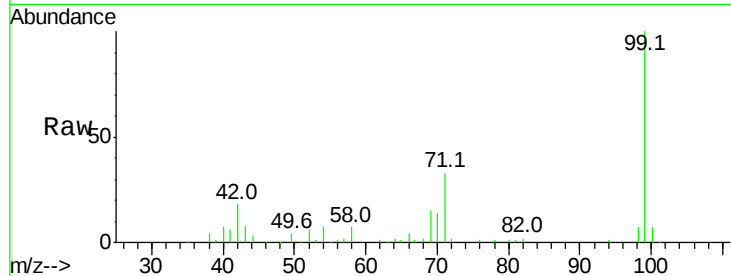
Tot Ion: 99 Resp: 102297

Ion Ratio Lower Upper

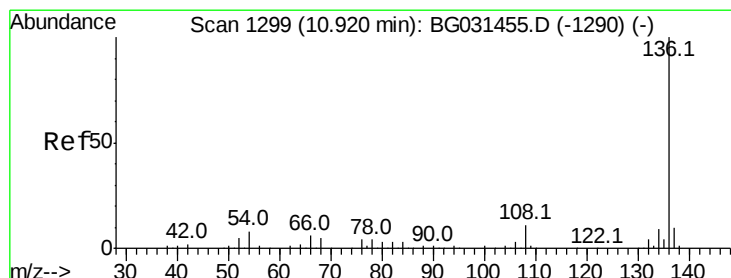
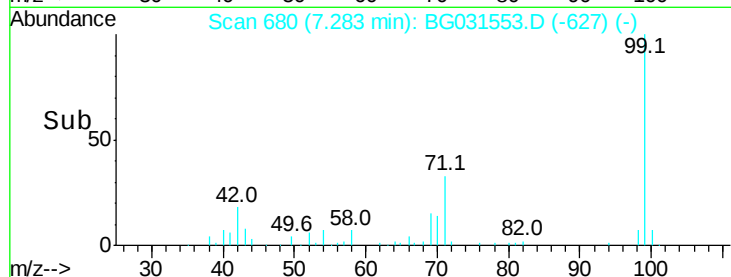
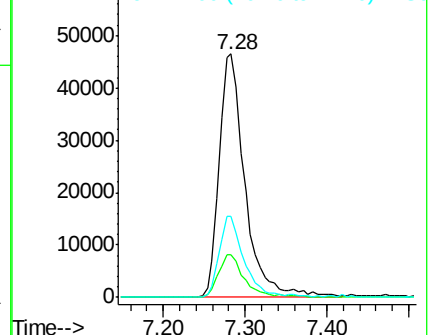
99 100

42 17.5 14.1 21.1

71 33.0 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: BG031553.D

Acq: 14 Dec 2017 7:00

Tgt Ion: 136 Resp: 213635

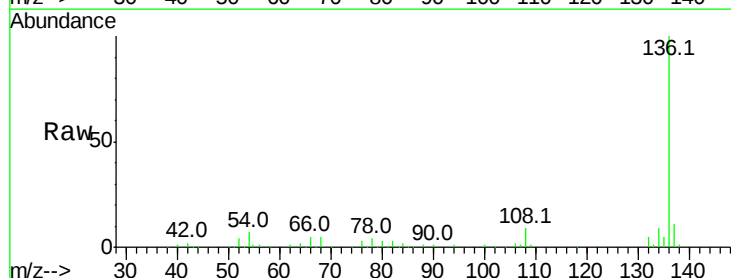
Ion Ratio Lower Upper

136 100

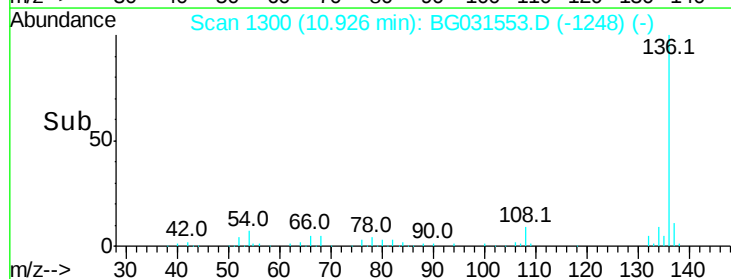
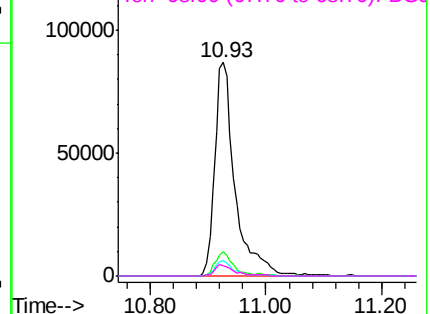
137 11.3 9.2 13.8

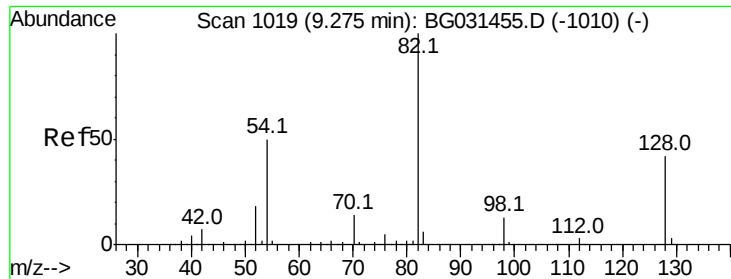
54 6.9 10.3 15.5#

68 4.7 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

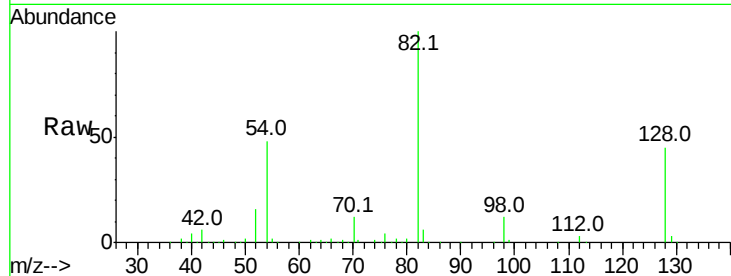




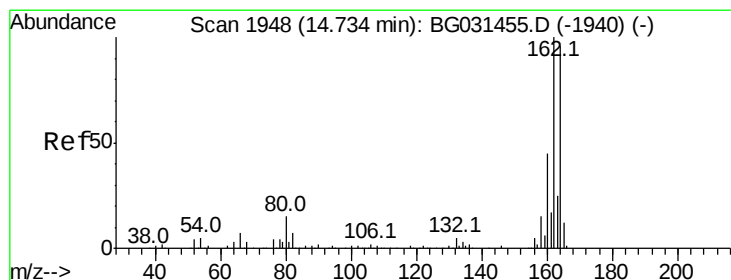
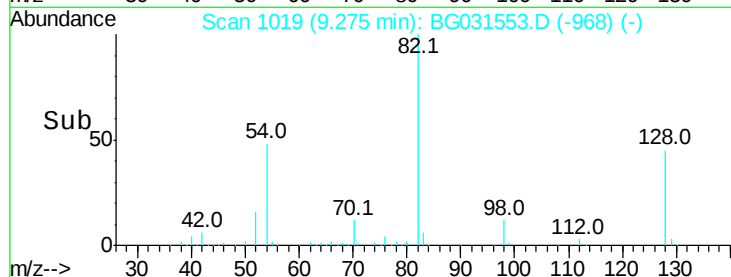
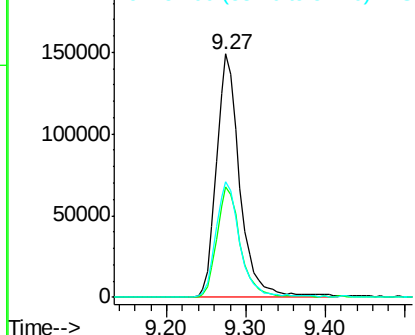
#23
Nitrobenzene-d5
Concen: 87.949 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031553.D
Acq: 14 Dec 2017 7:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 304834
Ion Ratio Lower Upper
82 100
128 45.3 29.7 44.5#
54 47.6 43.1 64.7

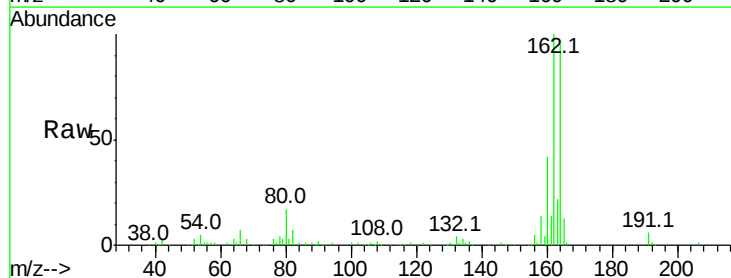


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

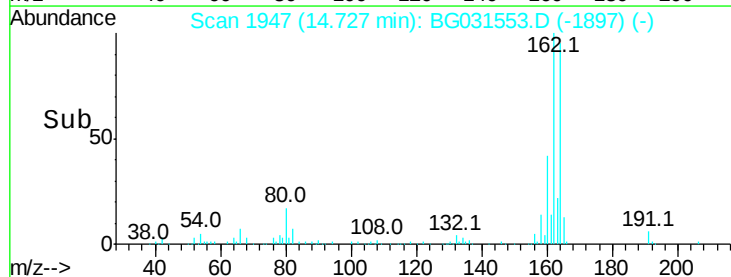
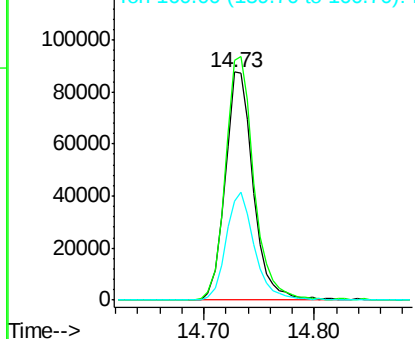


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031553.D
Acq: 14 Dec 2017 7:00

Tgt Ion:164 Resp: 155857
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 43.7 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

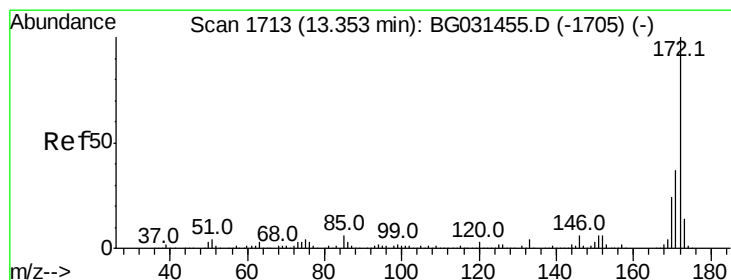
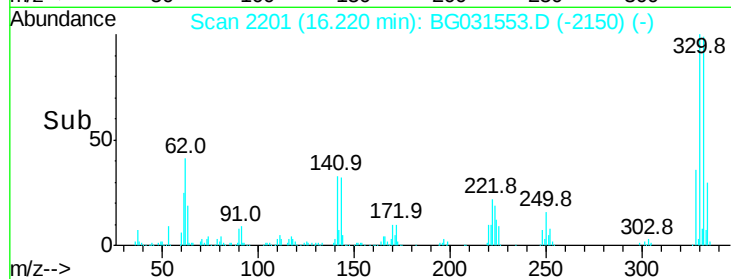
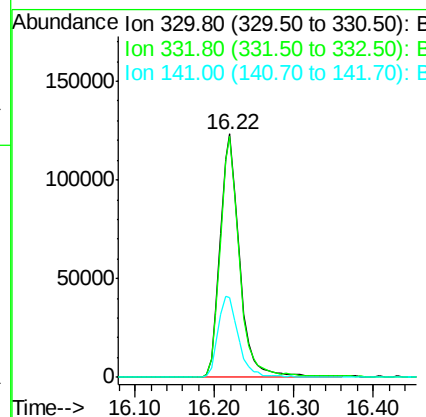
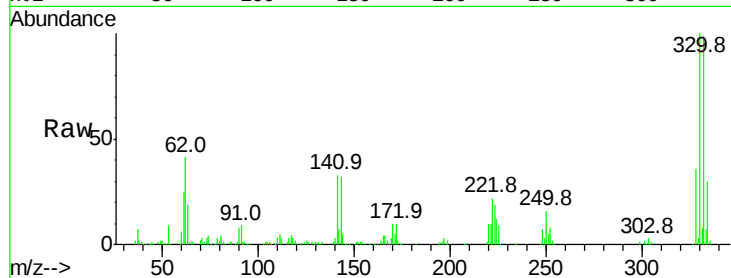




#41
 2,4,6-Tribromophenol
 Concen: 115.543 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031553.D
 Acq: 14 Dec 2017 7:00

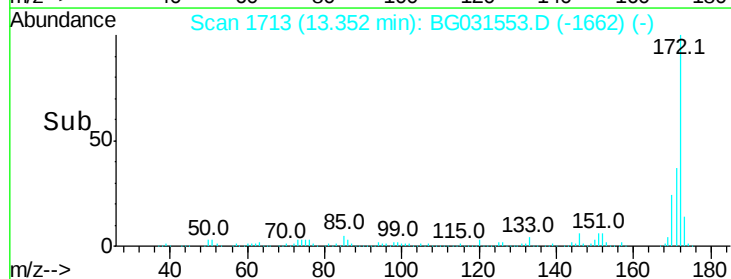
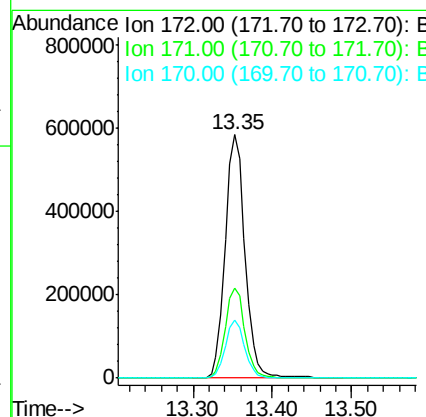
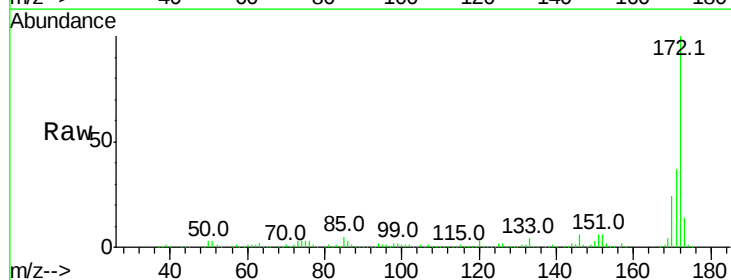
Instrument :
 BNA_G
 ClientSampleId :

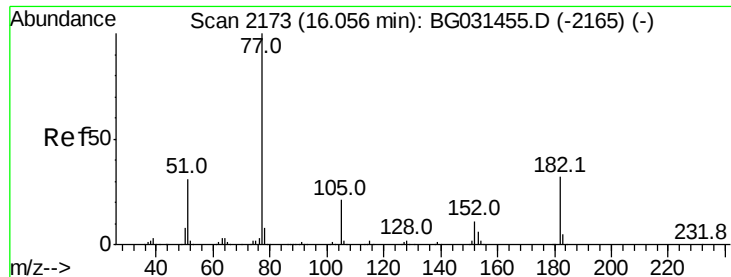
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 95.667 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031553.D
 Acq: 14 Dec 2017 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.0	19.5	29.3





#62

Azobenzene

Concen: 3.721 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BG031553.D

Acq: 14 Dec 2017 7:00

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 39866

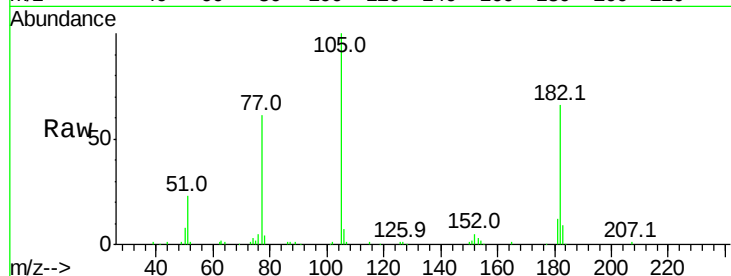
Ion Ratio Lower Upper

77 100

182 108.4 7.4 47.4#

105 164.0 0.3 40.3#

51 38.0 11.6 51.6

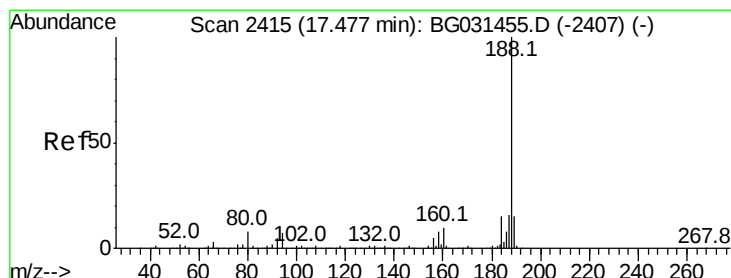
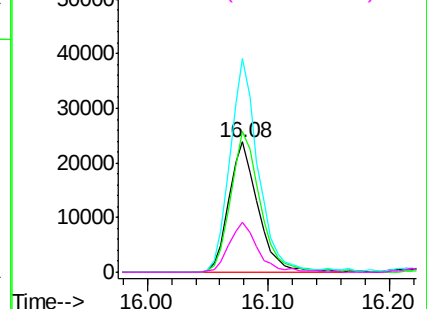
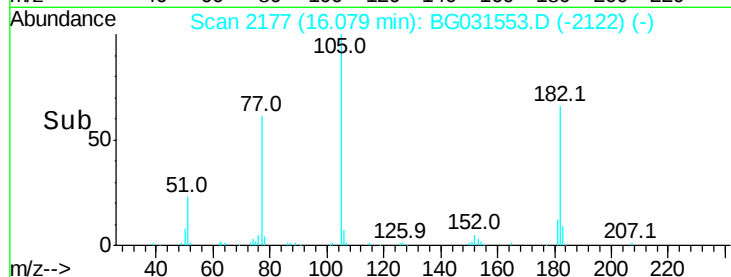


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031553.D

Acq: 14 Dec 2017 7:00

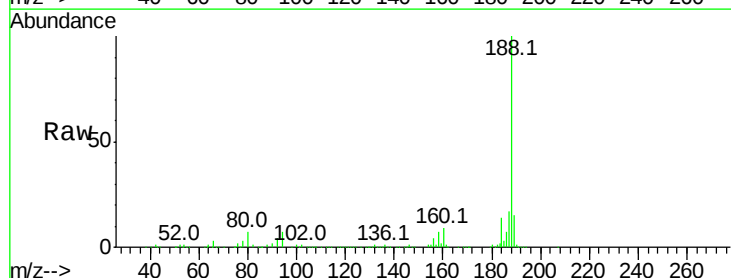
Tgt Ion: 188 Resp: 493507

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

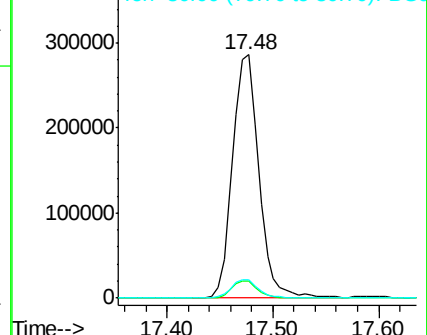
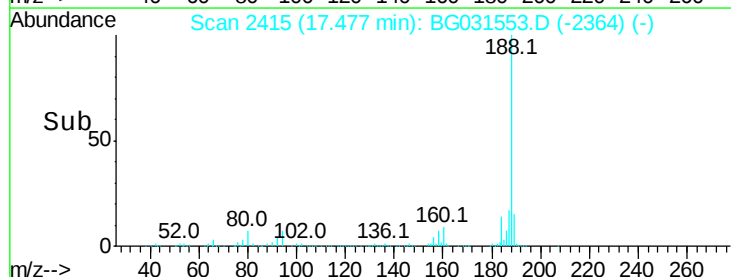
80 7.4 7.7 11.5#

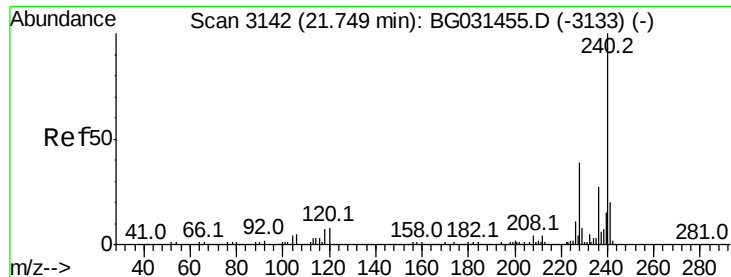


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG031553.D

Acq: 14 Dec 2017 7:00

Instrument :

BNA_G

ClientSampleId :

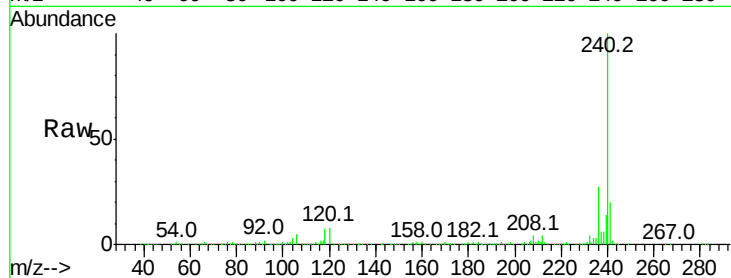
Tot Ion:240 Resp: 577586

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

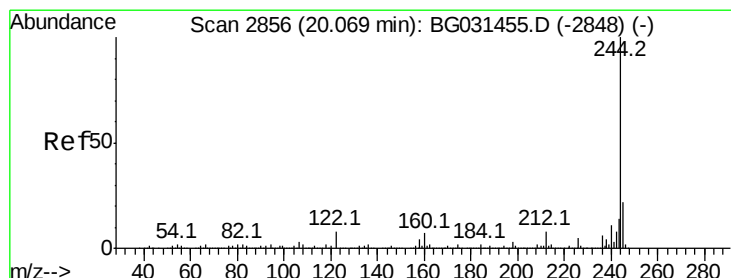
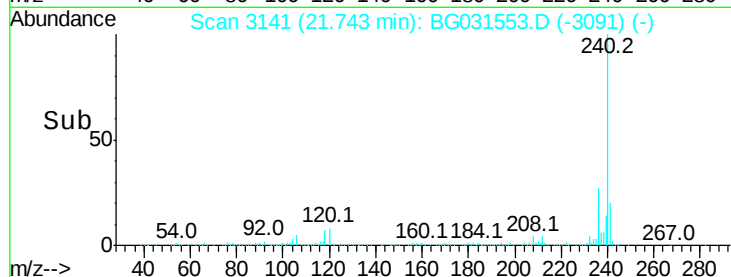
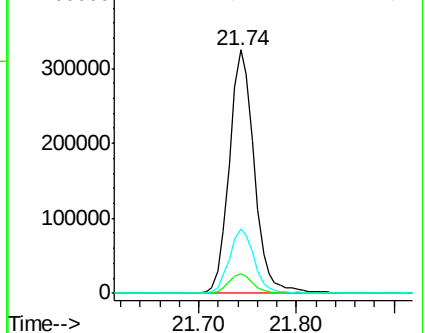
236 26.6 20.9 31.3



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: 80.713 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031553.D

Acq: 14 Dec 2017 7:00

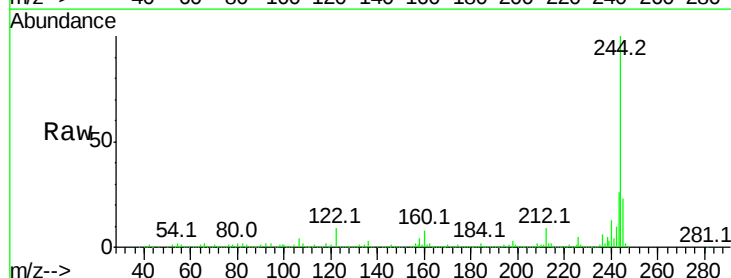
Tgt Ion:244 Resp: 2049017

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

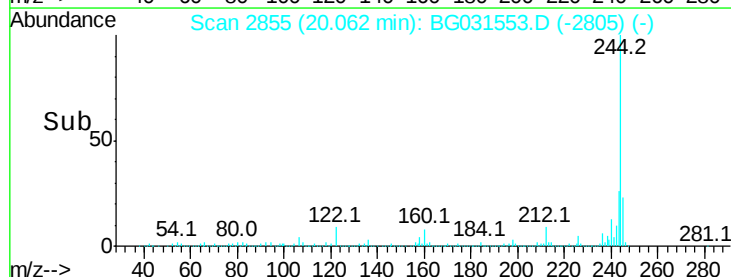
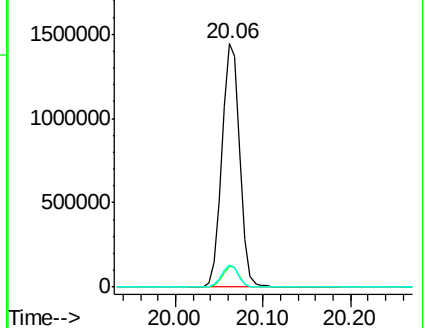
122 9.0 7.0 10.4

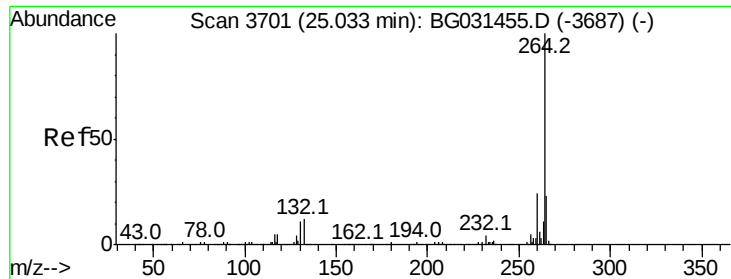


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG031553.D
Acq: 14 Dec 2017 7:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5

