

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028769.D
 Acq On : 15 Sep 2017 16:02
 Operator : SJ/JU
 Sample : PB102295BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 04:51:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

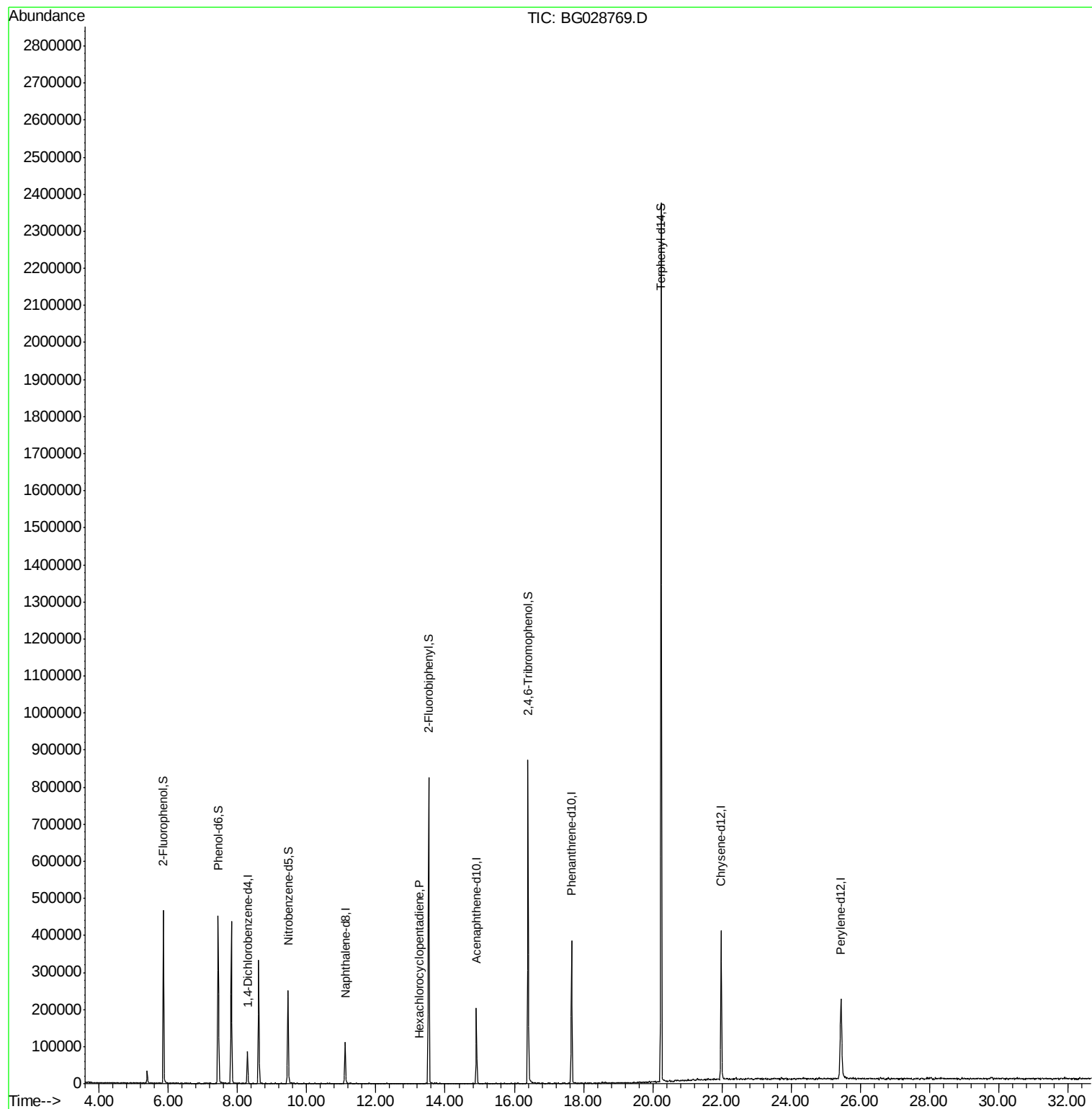
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23113	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	96704	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	72847	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	246289	20.00	ng	-0.04
75) Chrysene-d12	21.97	240	283716	20.00	ng	-0.06
86) Perylene-d12	25.44	264	290423	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	199523	142.44	ng	-0.05
7) Phenol-d6	7.44	99	271303	128.64	ng	-0.05
23) Nitrobenzene-d5	9.46	82	167407	82.81	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	201443	167.19	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	455877	83.45	ng	-0.04
78) Terphenyl-d14	20.24	244	1095844	82.37	ng	-0.04
Target Compounds						
40) Hexachlorocyclopentadiene	13.25	237	59	7.649	ng	Qvalue # 29

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
Data File : BG028769.D
Acq On : 15 Sep 2017 16:02
Operator : SJ/JU
Sample : PB102295BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 16 04:51:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



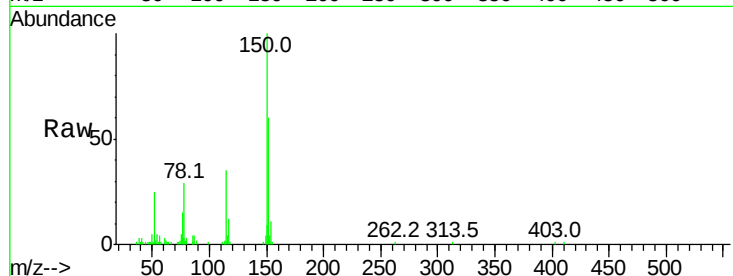


#1

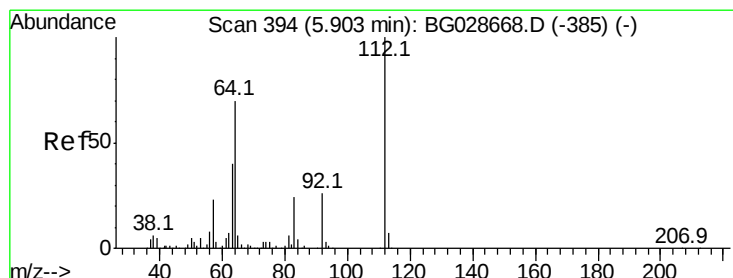
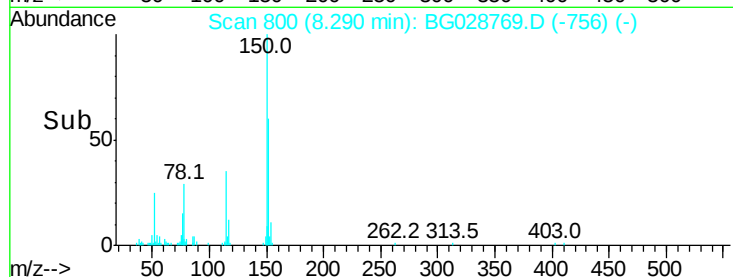
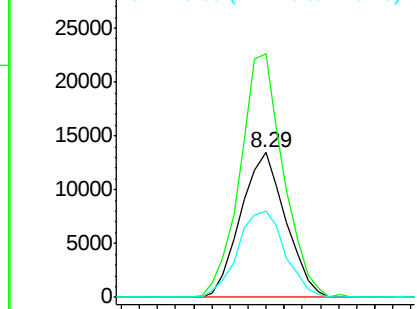
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23113
Ion Ratio Lower Upper
152 100
150 168.0 114.0 171.0
115 59.2 48.1 72.1



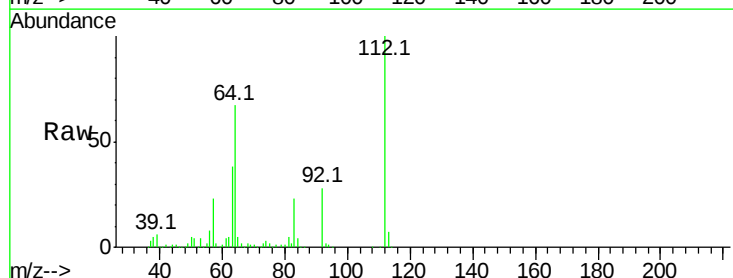
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



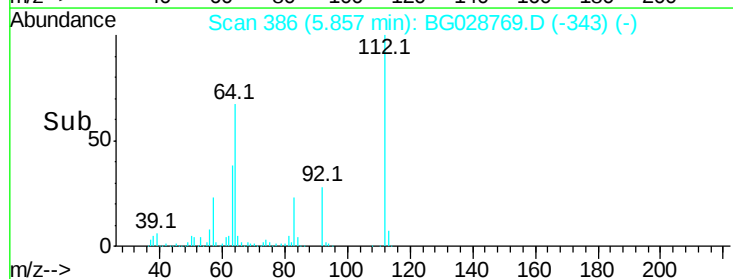
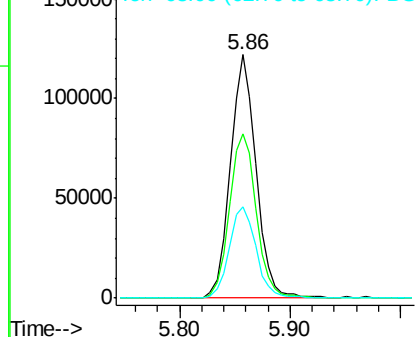
#5

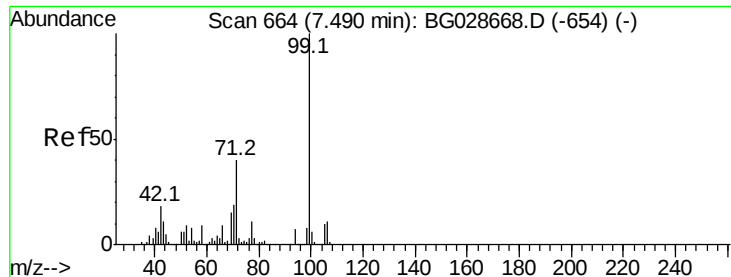
2-Fluorophenol
Concen: 142.440 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:112 Resp: 199523
Ion Ratio Lower Upper
112 100
64 67.5 61.8 92.6
63 37.6 37.2 55.8



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: 128.641 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028769.D

Acq: 15 Sep 2017 16:02

Instrument :

BNA_G

ClientSampleId :

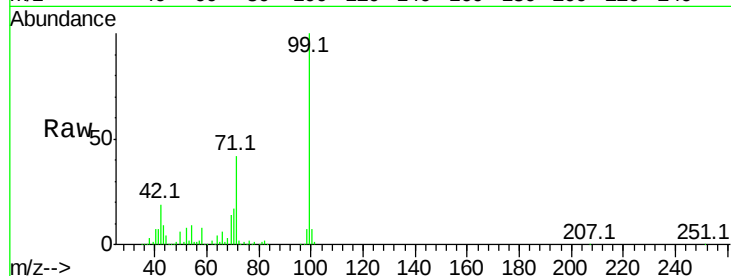
Tot Ion: 99 Resp: 271303

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

71 41.7 37.6 56.4

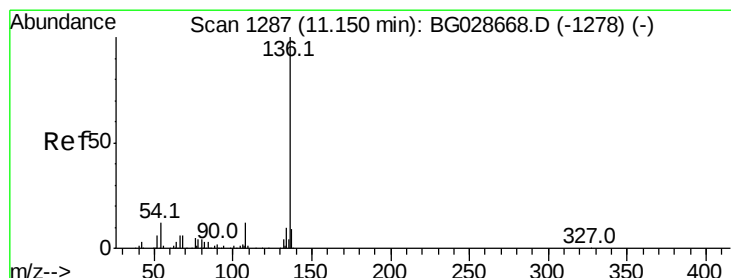
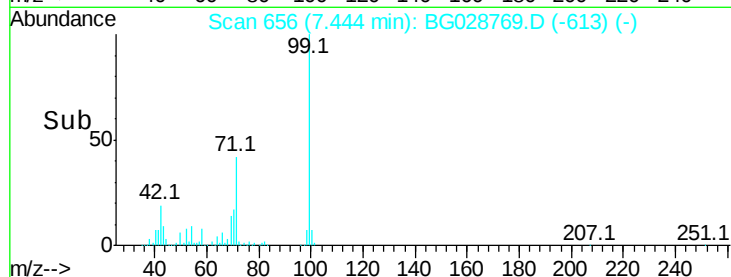
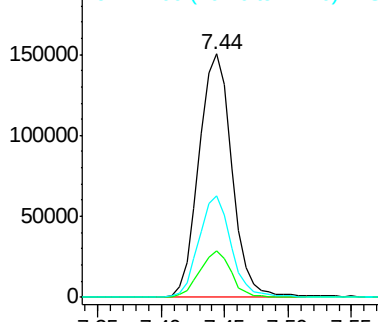


Abundance

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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028769.D

Acq: 15 Sep 2017 16:02

Tgt Ion: 136 Resp: 96704

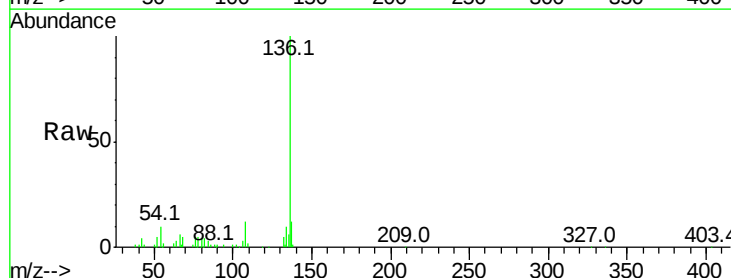
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 10.3 9.3 13.9

68 4.7 5.1 7.7#



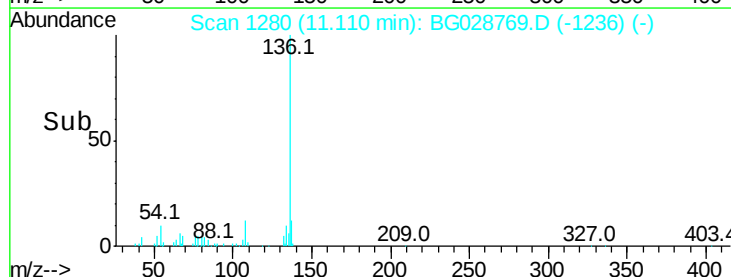
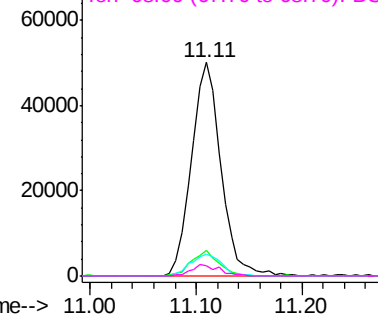
Abundance

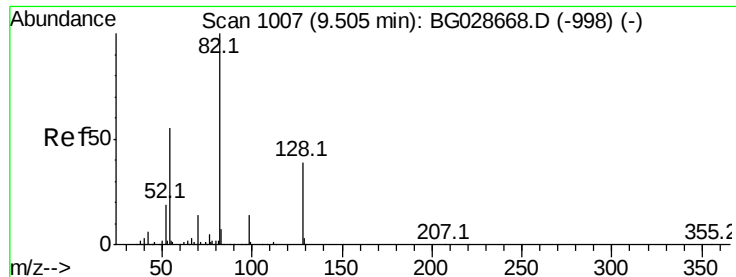
Ion 136.00 (135.70 to 136.70): BGC

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

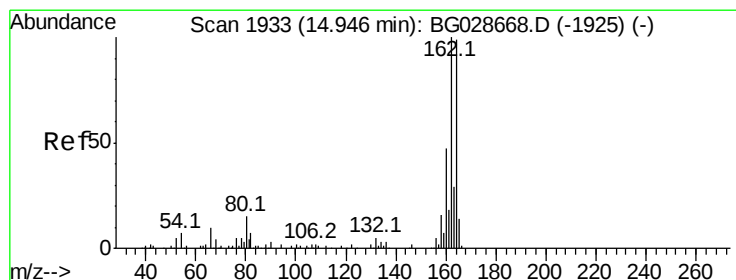
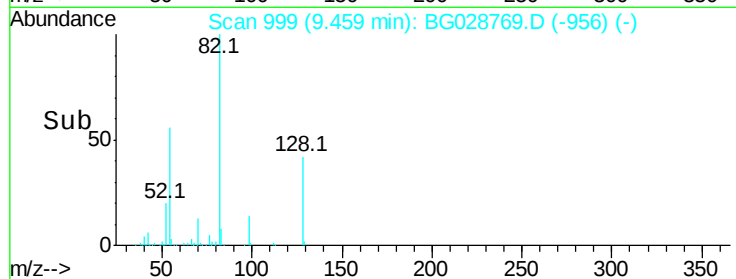
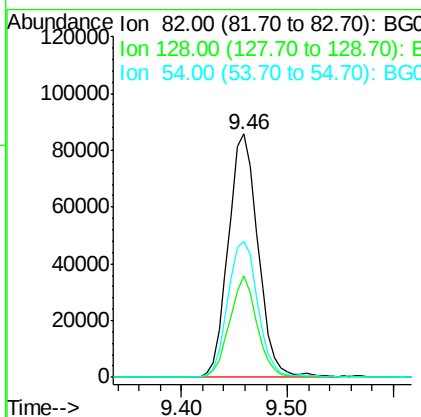
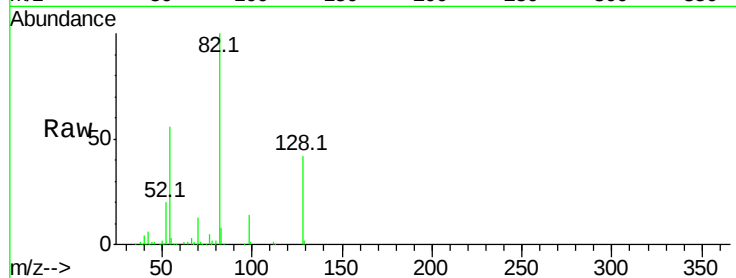




#23
Nitrobenzene-d5
Concen: 82.813 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

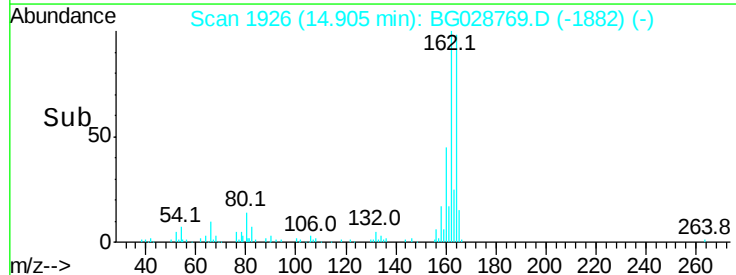
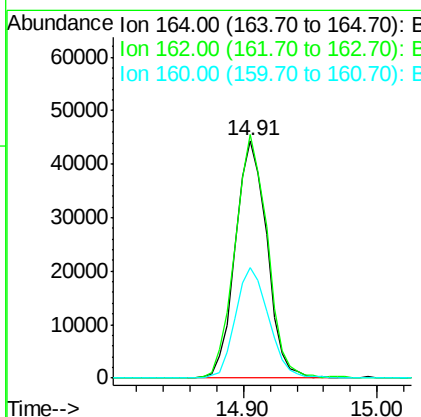
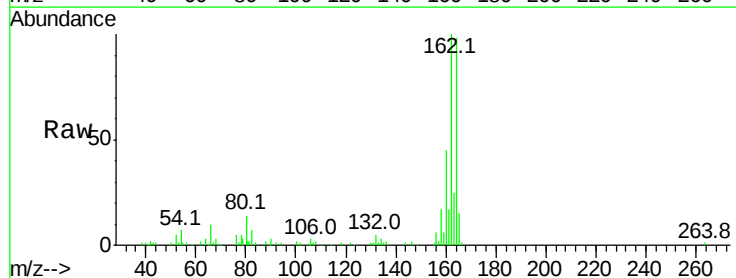
Instrument :
BNA_G
ClientSampled :

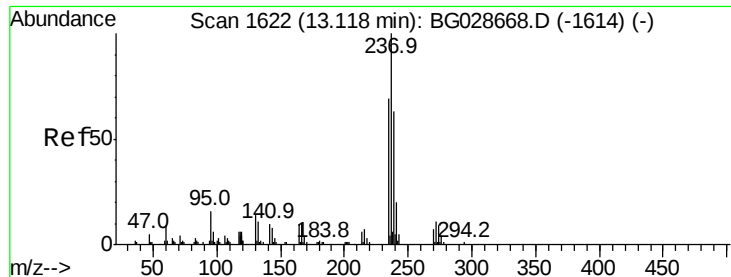
Tot Ion	82	Resp	167407
Ion Ratio	Lower	Upper	
82	100		
128	41.8	26.4	39.6#
54	56.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion	164	Resp	72847
Ion Ratio	Lower	Upper	
164	100		
162	102.6	85.1	127.7
160	46.3	34.7	52.1

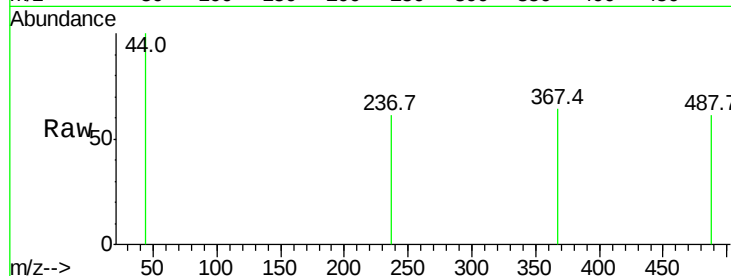




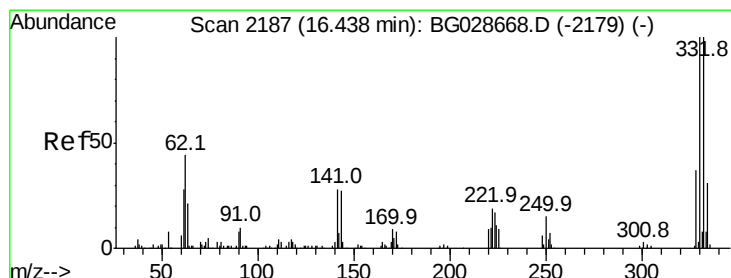
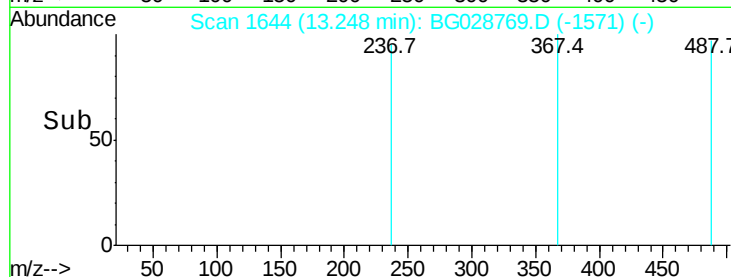
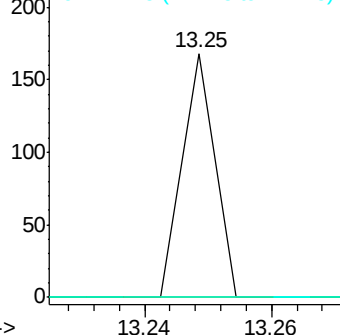
#40
Hexachlorocyclopentadiene
Concen: 7.649 ng
RT: 13.25 min Scan# 1644
Delta R.T. 0.13 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

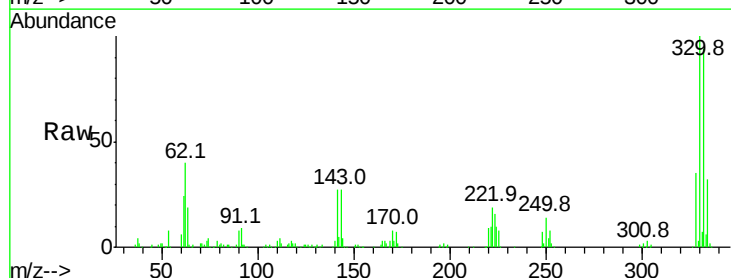


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

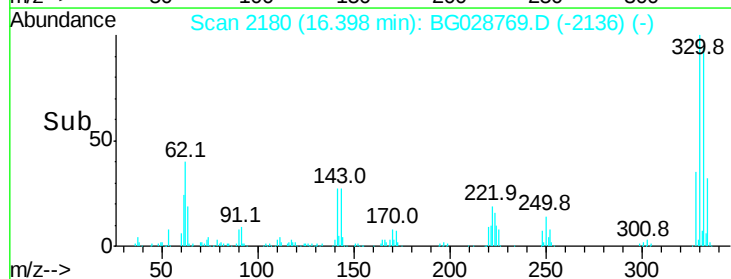
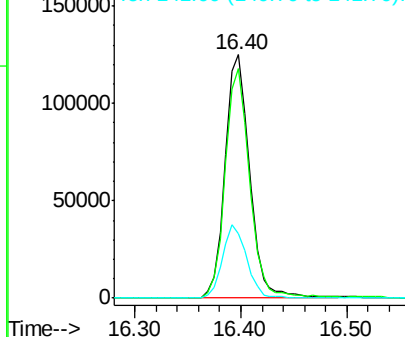


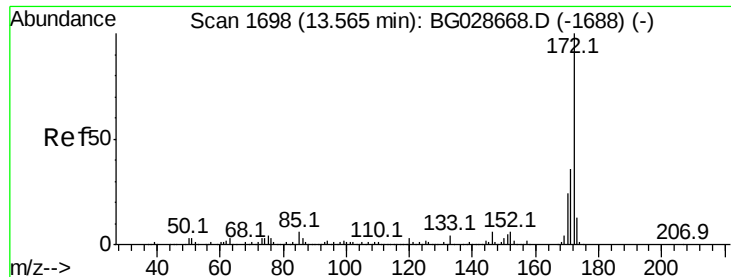
#41
2,4,6-Tribromophenol
Concen: 167.194 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:330 Resp: 201443
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 30.1 32.1 48.1#



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

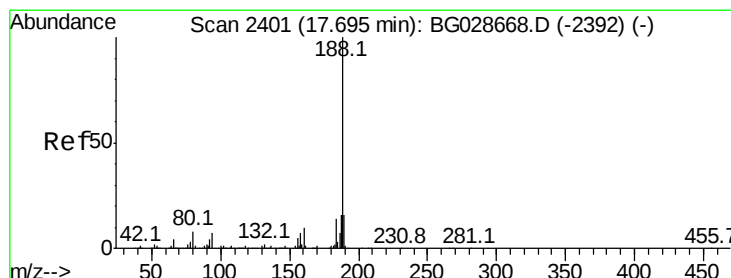
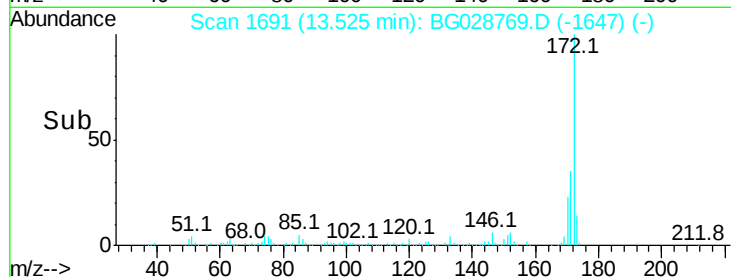
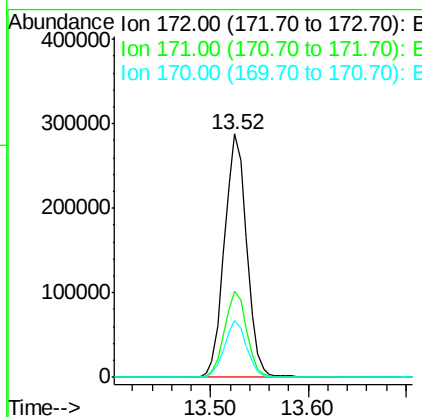
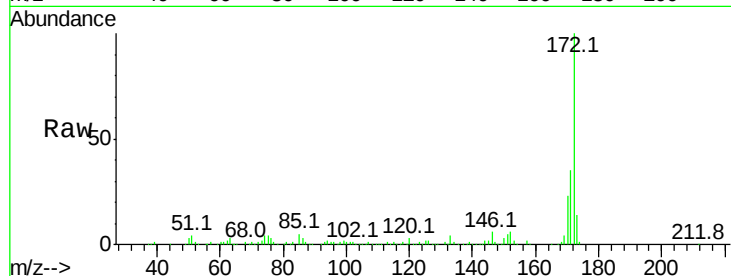




#44
2-Fluorobiphenyl
Concen: 83.446 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

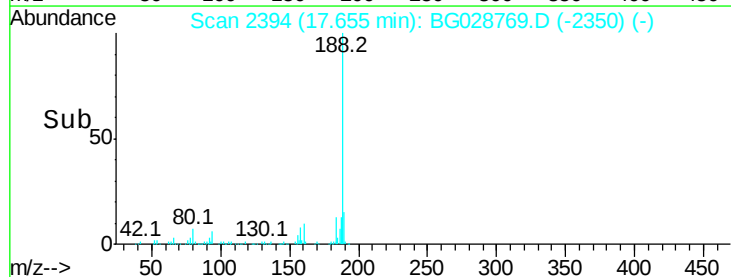
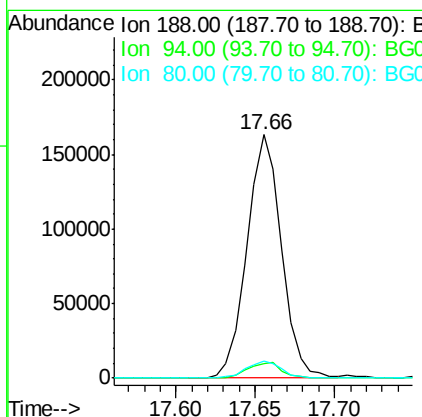
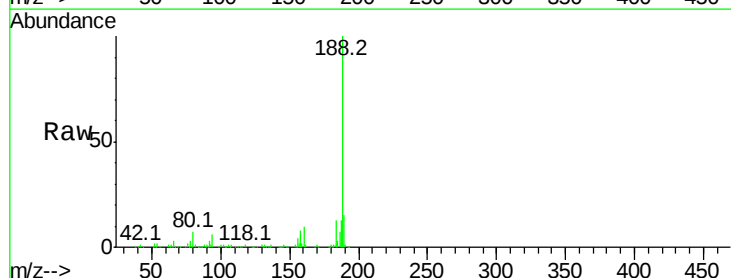
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 455877
Ion Ratio Lower Upper
172 100
171 35.4 32.2 48.2
170 23.1 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:188 Resp: 246289
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 7.0 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3129

Delta R.T. -0.06 min

Lab File: BG028769.D

Acq: 15 Sep 2017 16:02

Instrument :

BNA_G

ClientSampleId :

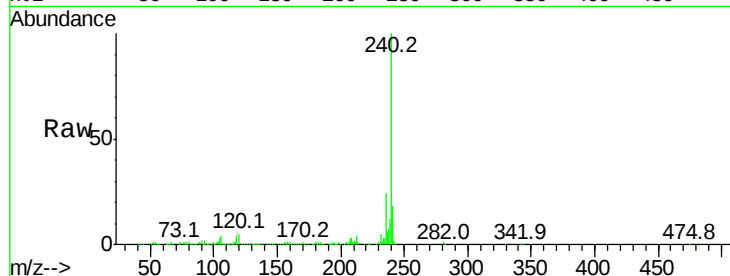
Tot Ion:240 Resp: 283716

Ion Ratio Lower Upper

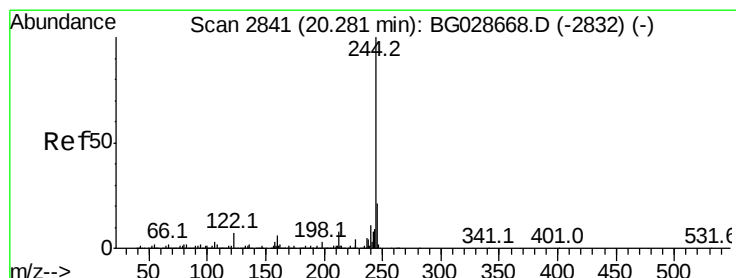
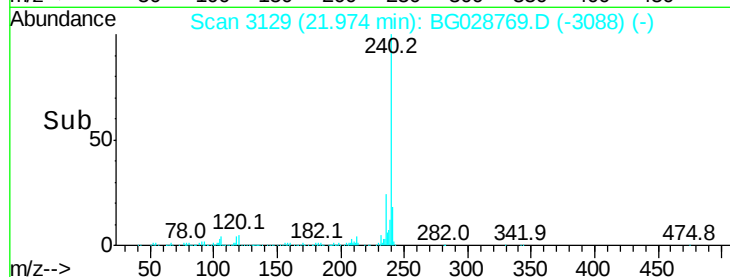
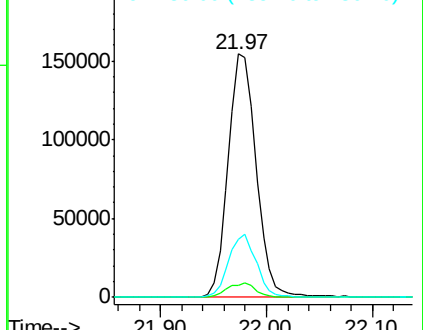
240 100

120 4.8 5.7 8.5#

236 24.0 22.2 33.4



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: 82.370 ng

RT: 20.24 min Scan# 2834

Delta R.T. -0.04 min

Lab File: BG028769.D

Acq: 15 Sep 2017 16:02

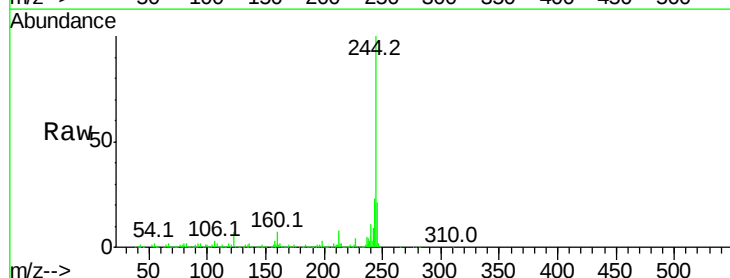
Tgt Ion:244 Resp: 1095844

Ion Ratio Lower Upper

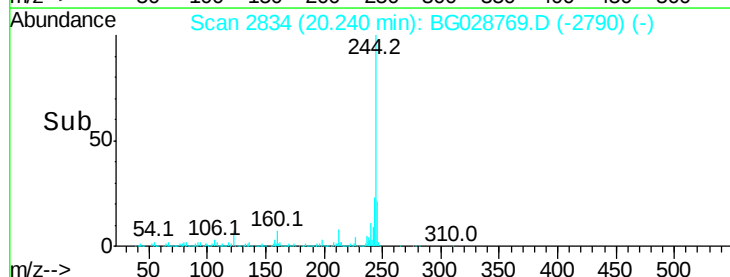
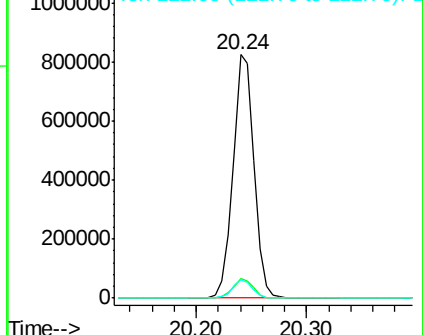
244 100

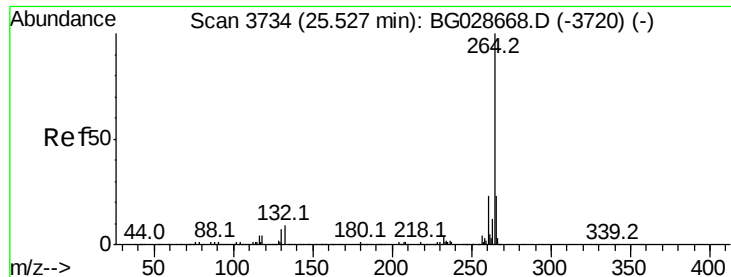
212 7.9 10.0 15.0#

122 7.3 8.6 12.8#



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

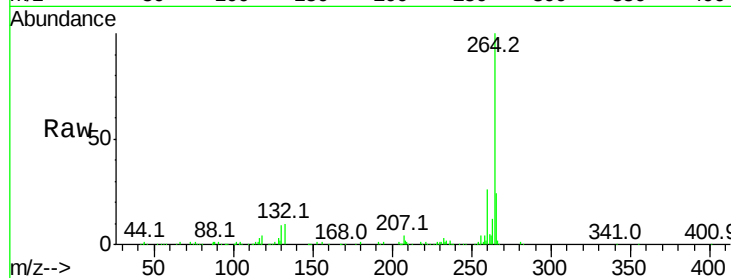




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.44 min Scan# 3719
 Delta R.T. -0.09 min
 Lab File: BG028769.D
 Acq: 15 Sep 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	24.0	18.2	27.4



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

