

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028947.D
 Acq On : 27 Sep 2017 17:45
 Operator : SJ/JU
 Sample : PB102649BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102649BL

Quant Time: Sep 28 01:26:28 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

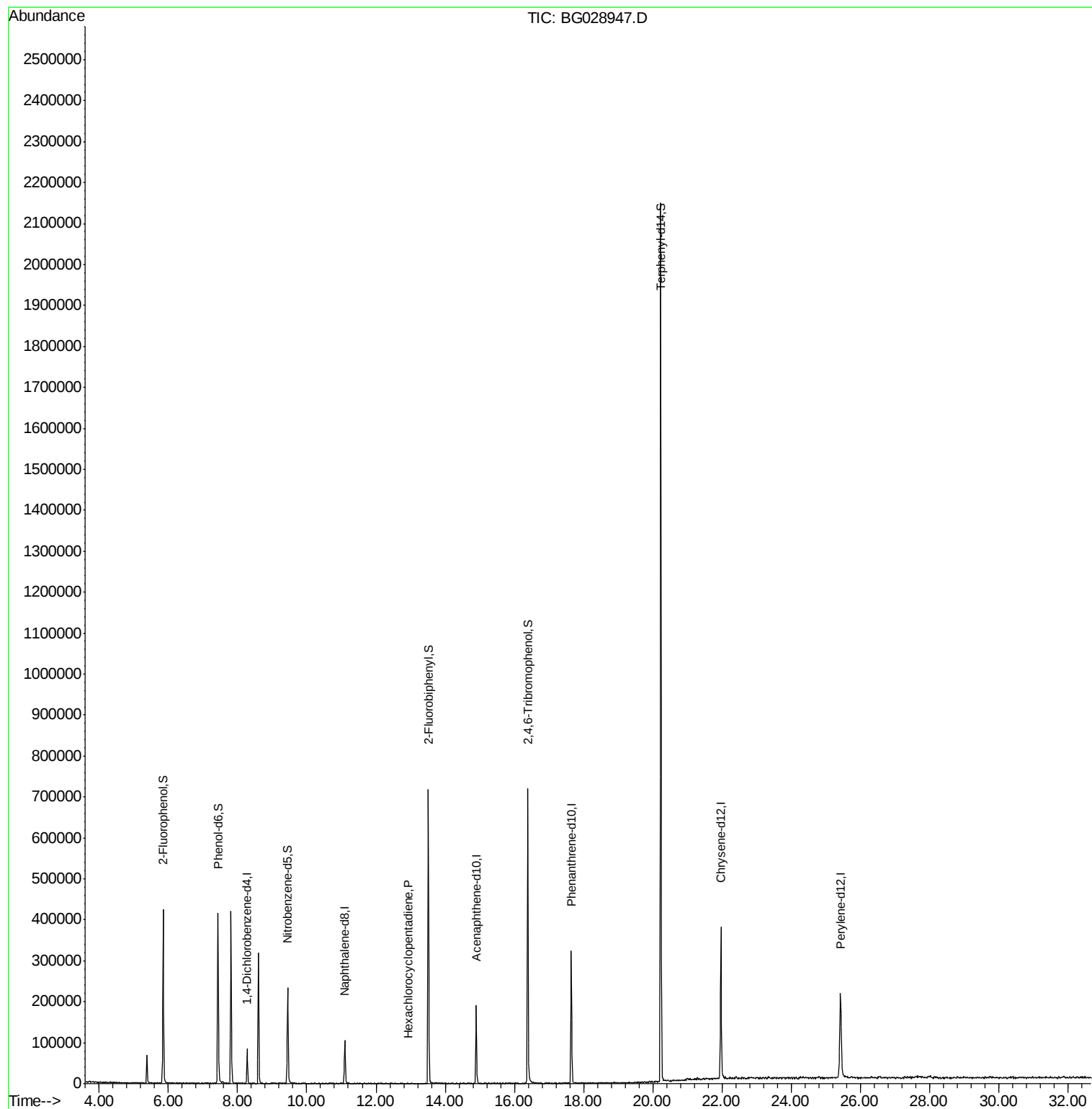
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22713	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	95004	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	70761	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	217893	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	262765	20.00	ng	-0.07
86) Perylene-d12	25.42	264	272146	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	185886	135.04	ng	-0.05
7) Phenol-d6	7.43	99	250777	121.00	ng	-0.06
23) Nitrobenzene-d5	9.45	82	158231	79.67	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	153469	131.13	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	416379	78.46	ng	-0.05
78) Terphenyl-d14	20.23	244	1018066	82.62	ng	-0.05
Target Compounds						
40) Hexachlorocyclopentadiene	12.93	237	63	7.653	ng	Qvalue # 29

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028947.D

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BNA_G

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PB102649BL

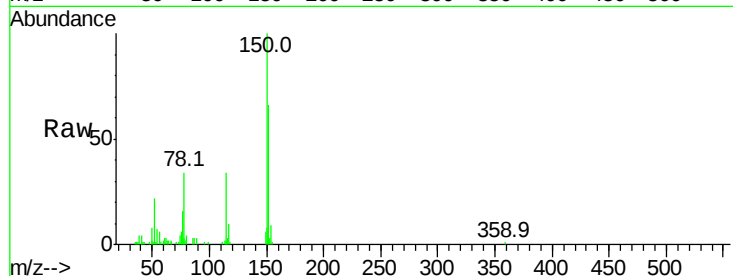
Tot Ion:152 Resp: 22713

Ion Ratio Lower Upper

152 100

150 151.2 114.0 171.0

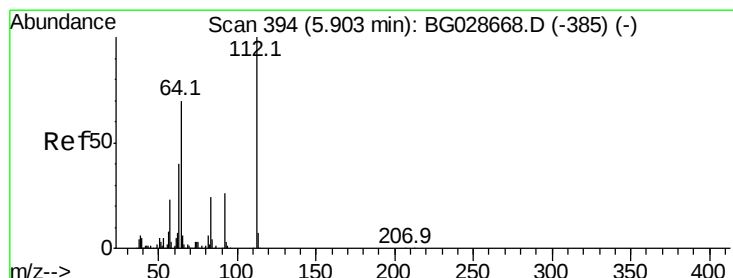
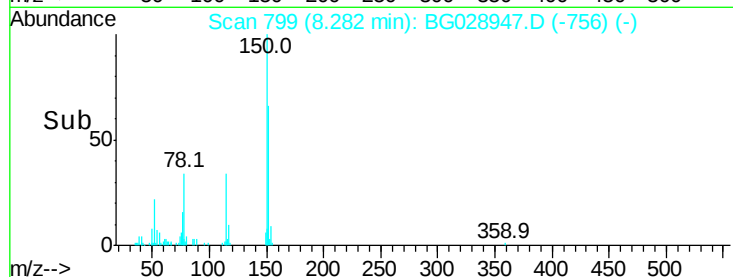
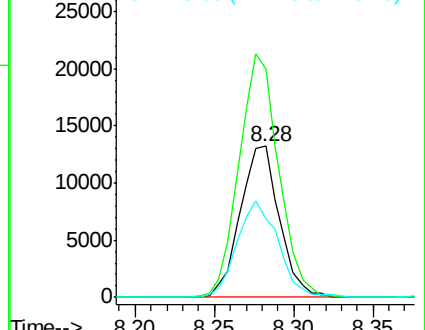
115 51.7 48.1 72.1



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: 135.042 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

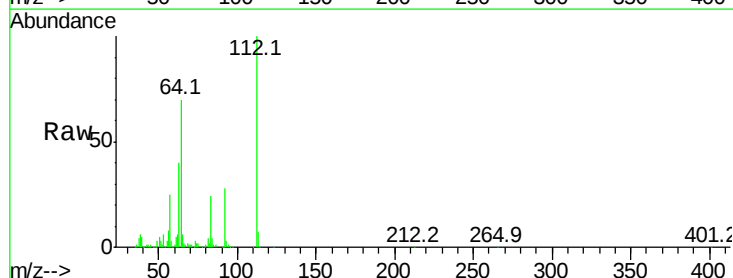
Tgt Ion:112 Resp: 185886

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

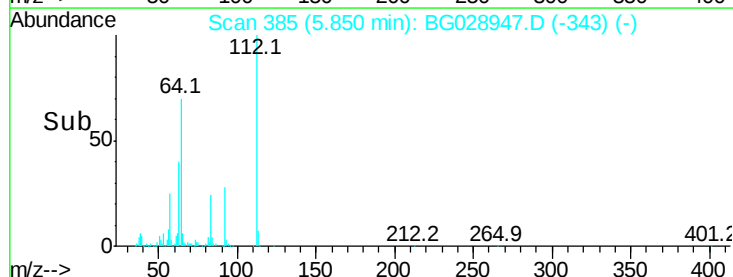
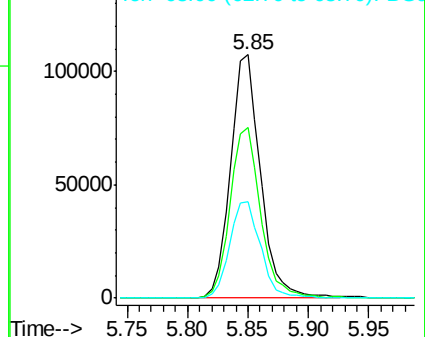
63 39.8 37.2 55.8

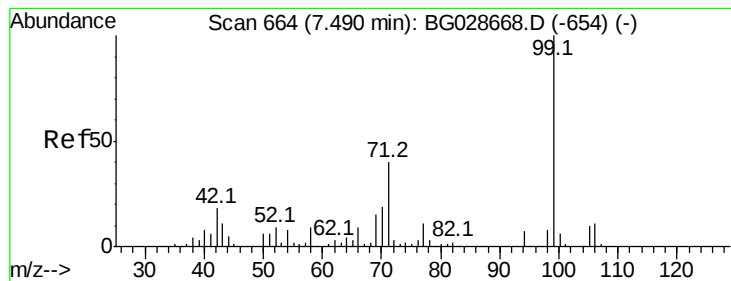


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.002 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_G

ClientSampleId :

PB102649BL

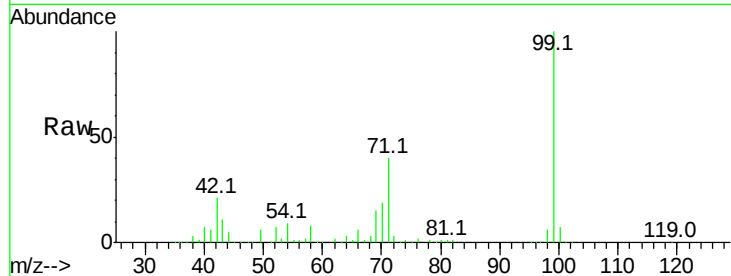
Tot Ion: 99 Resp: 250777

Ion Ratio Lower Upper

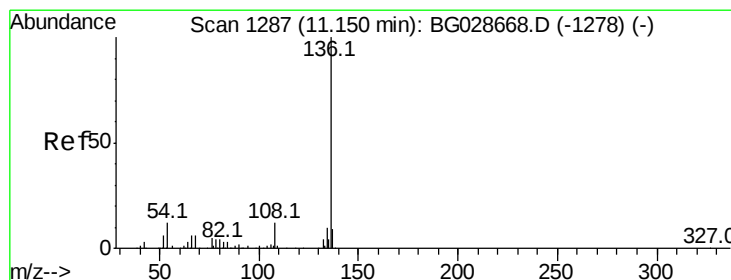
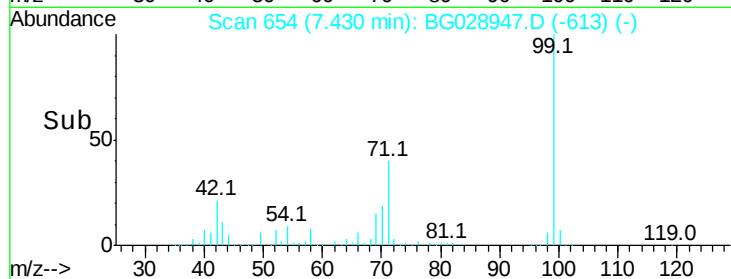
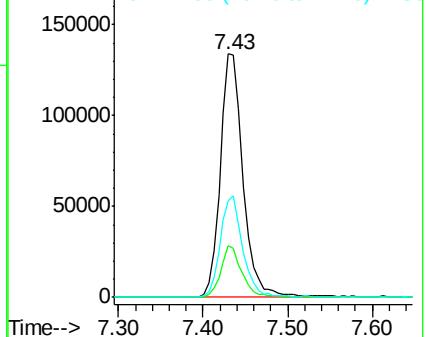
99 100

42 21.2 20.5 30.7

71 39.8 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: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

Tgt Ion: 136 Resp: 95004

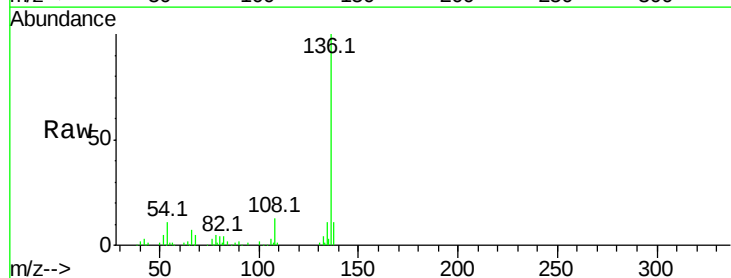
Ion Ratio Lower Upper

136 100

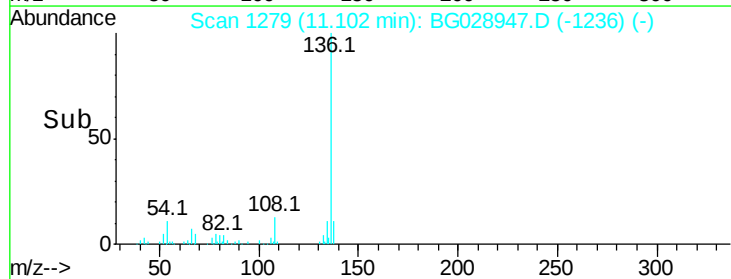
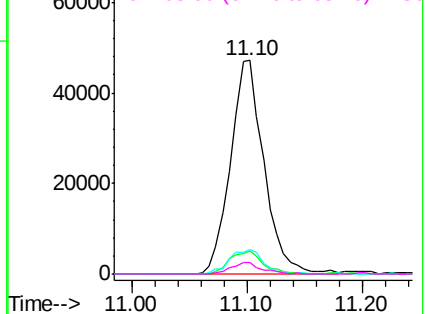
137 11.0 8.9 13.3

54 11.3 9.3 13.9

68 5.3 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: 79.674 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_G

ClientSampleID :

PB102649BL

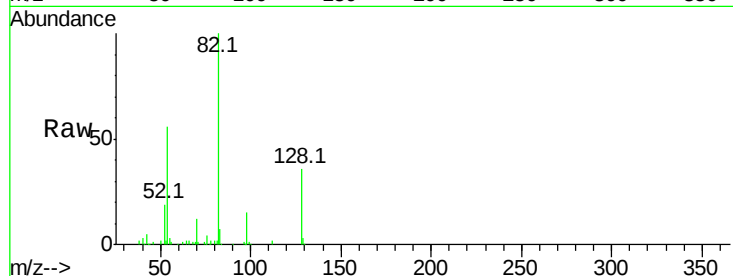
Tot Ion: 82 Resp: 158231

Ion Ratio Lower Upper

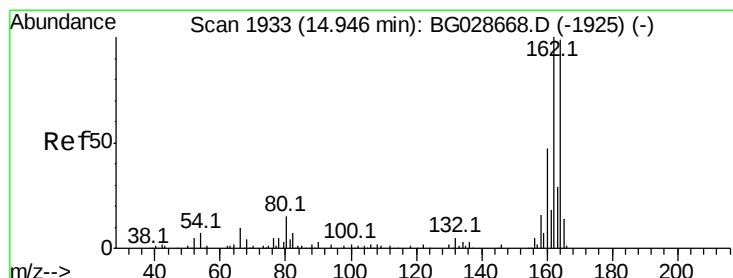
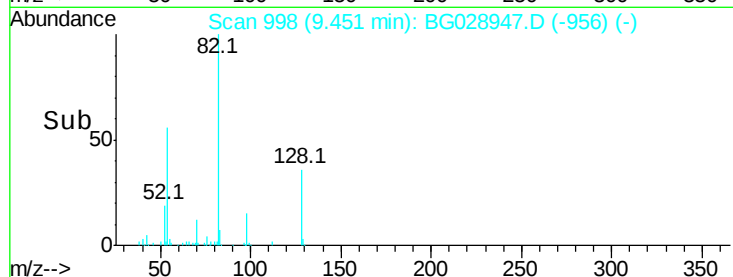
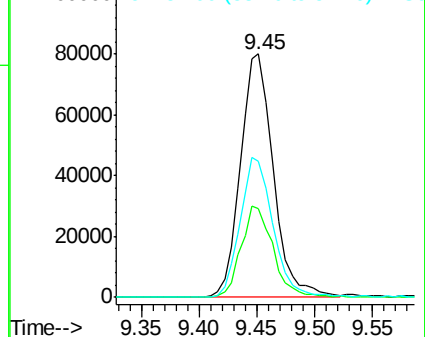
82 100

128 36.5 26.4 39.6

54 55.9 49.4 74.2



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: 14.90 min Scan# 1925

Delta R.T. -0.05 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

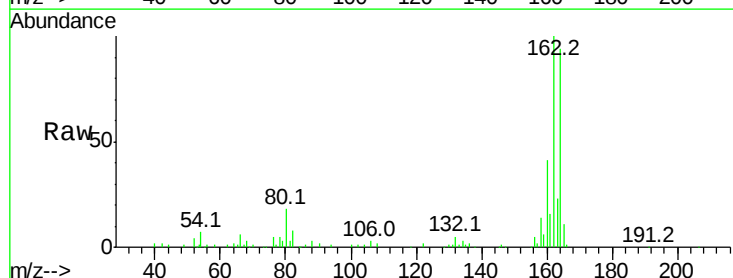
Tgt Ion: 164 Resp: 70761

Ion Ratio Lower Upper

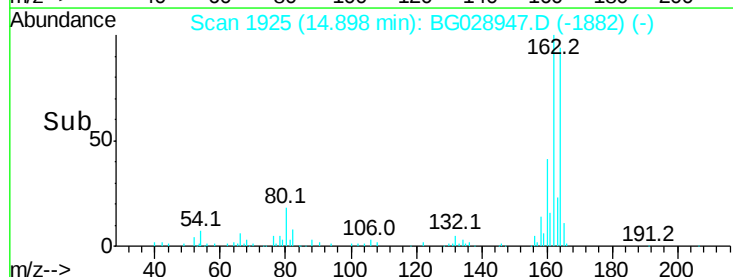
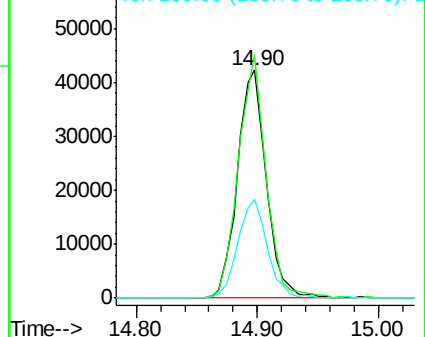
164 100

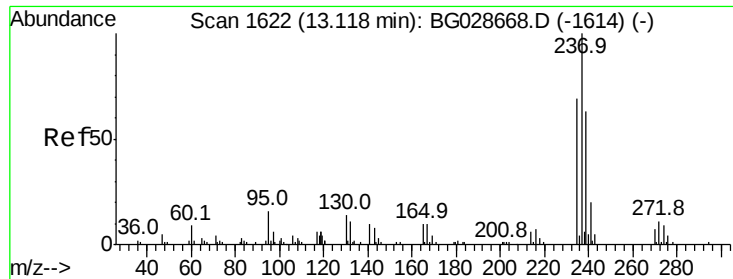
162 106.8 85.1 127.7

160 43.3 34.7 52.1



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





#40

Hexachlorocyclopentadiene

Concen: 7.653 ng

RT: 12.93 min Scan# 1590

Delta R.T. -0.19 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

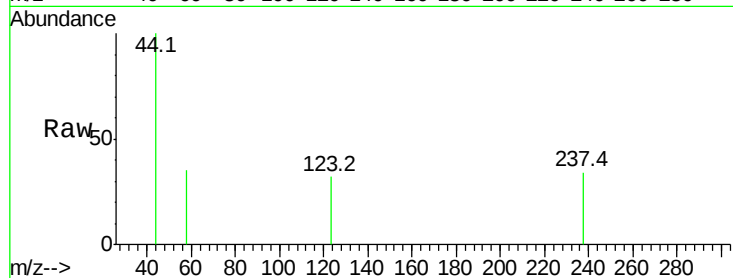
Instrument :

BNA_G

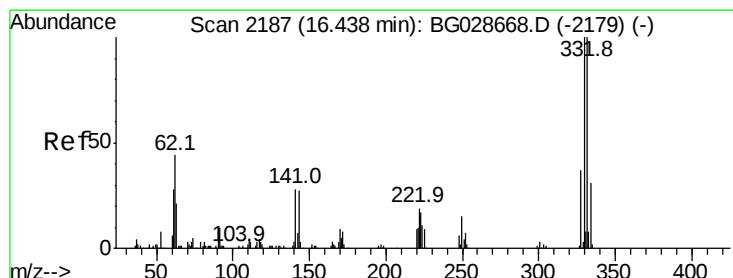
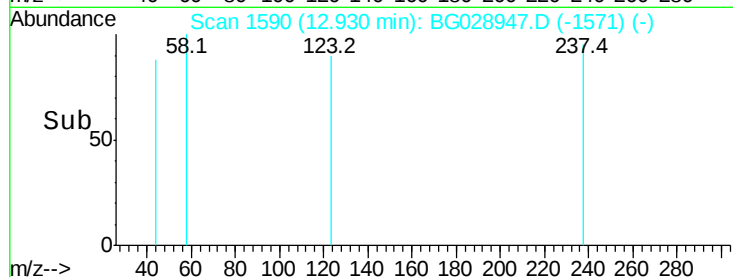
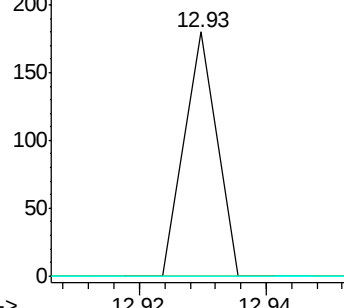
ClientSampleId :

PB102649BL

Tot Ion:	237	Resp:	63
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: 131.132 ng

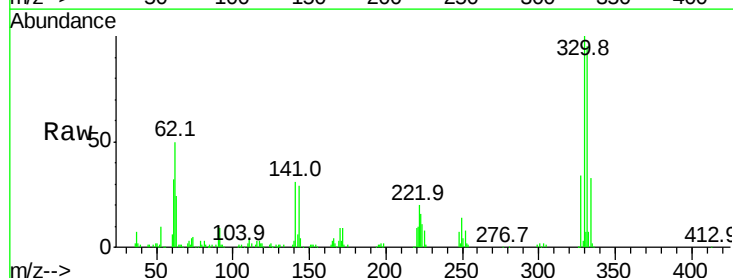
RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

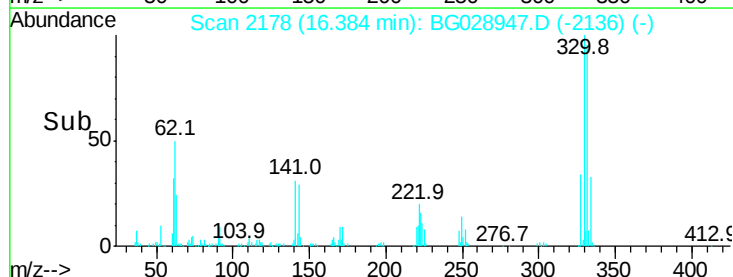
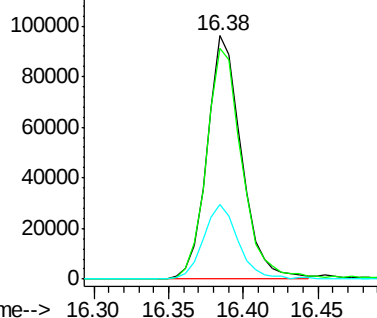
Lab File: BG028947.D

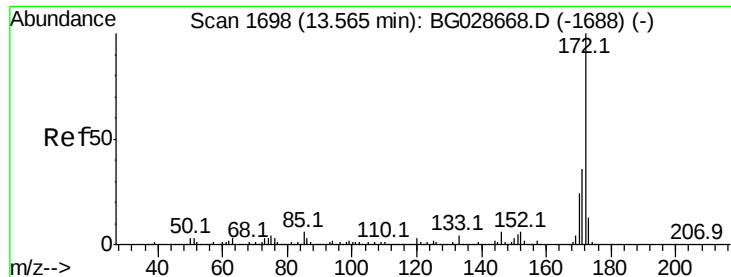
Acq: 27 Sep 2017 17:45

Tgt Ion:	330	Resp:	153469
Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.3	115.9
141	31.6	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

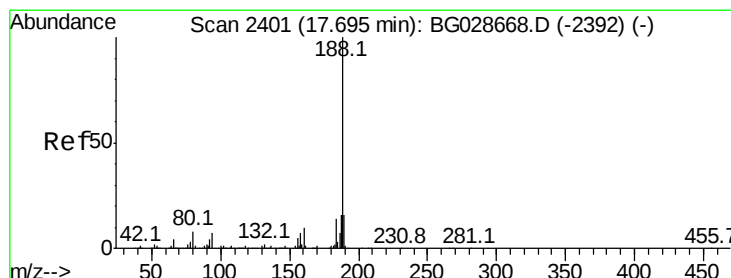
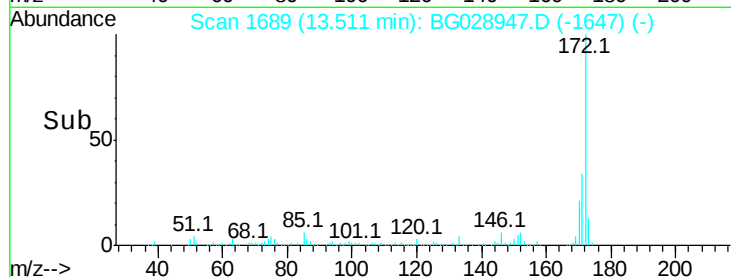
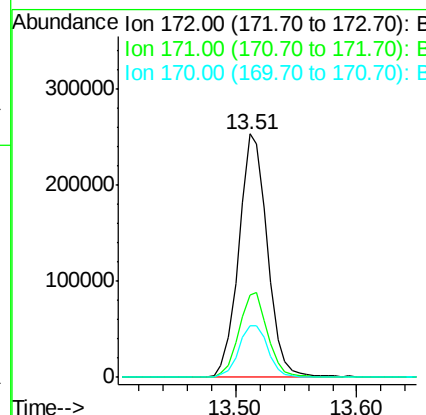
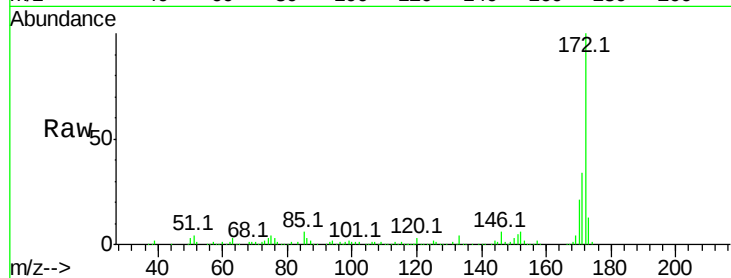




#44
 2-Fluorobiphenyl
 Concen: 78.463 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028947.D
 Acq: 27 Sep 2017 17:45

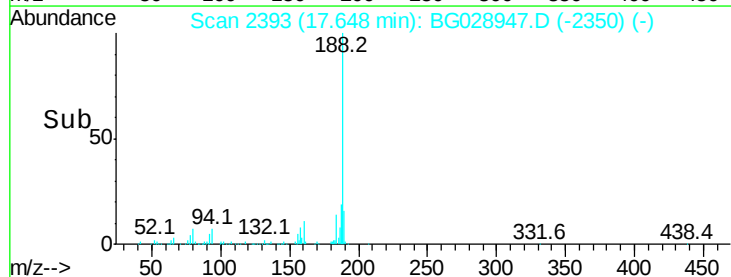
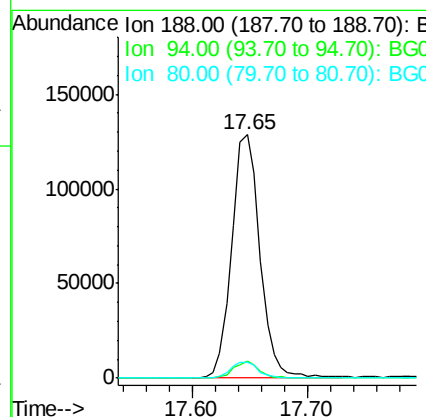
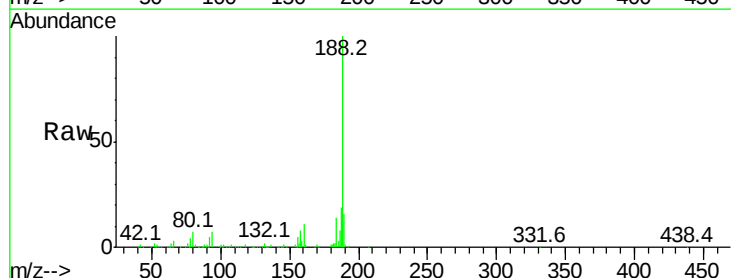
Instrument :
 BNA_G
 ClientSampleId :
 PB102649BL

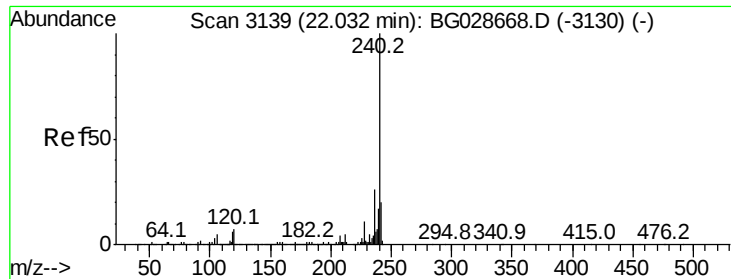
Tot Ion:172 Resp: 416379
 Ion Ratio Lower Upper
 172 100
 171 33.7 32.2 48.2
 170 21.3 21.8 32.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.65 min Scan# 2393
 Delta R.T. -0.05 min
 Lab File: BG028947.D
 Acq: 27 Sep 2017 17:45

Tgt Ion:188 Resp: 217893
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.8 8.8
 80 6.7 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_G

ClientSampleId :

PB102649BL

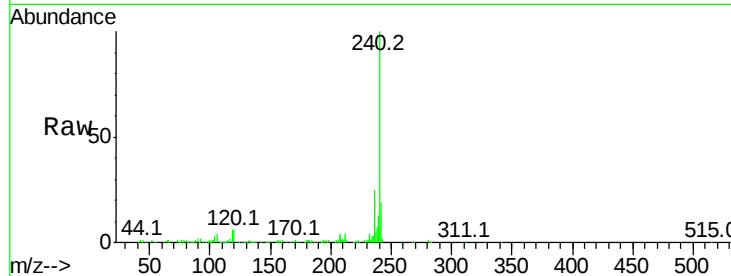
Tot Ion:240 Resp: 262765

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

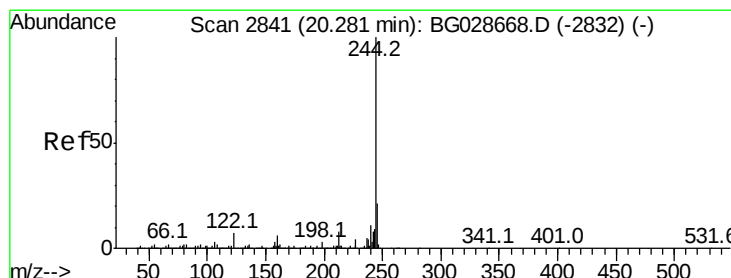
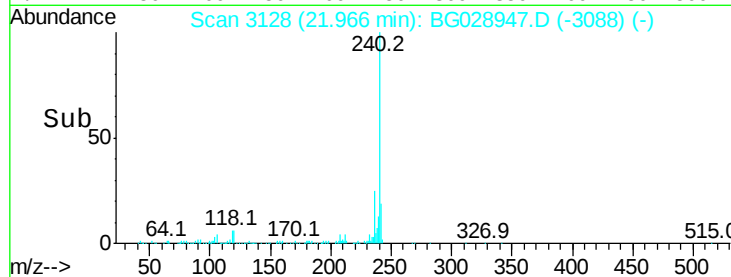
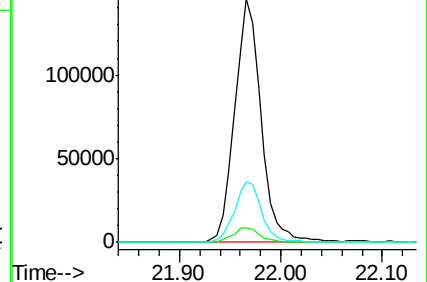
236 25.0 22.2 33.4



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: 82.625 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028947.D

Acq: 27 Sep 2017 17:45

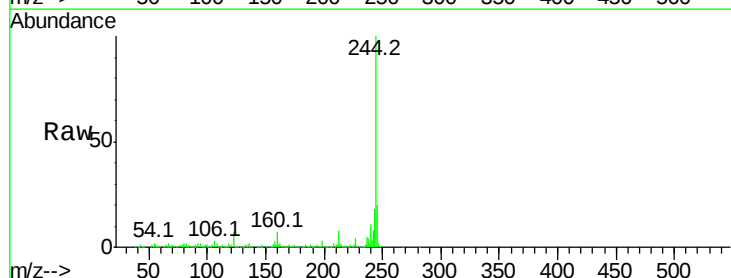
Tgt Ion:244 Resp: 1018066

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

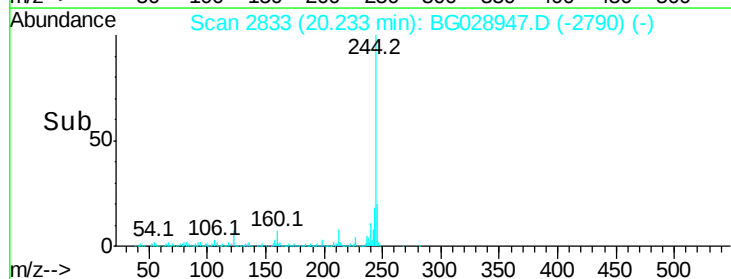
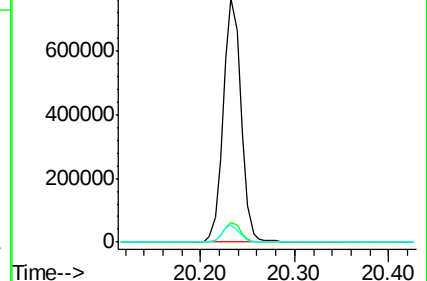
122 7.2 8.6 12.8#

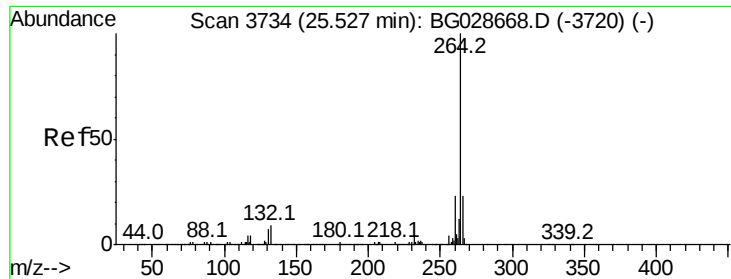


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028947.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_G
ClientSampleId :
PB102649BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	20.7	18.2	27.4

