

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028909.D
 Acq On : 25 Sep 2017 15:54
 Operator : SJ/JU
 Sample : PB102294BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:23:02 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

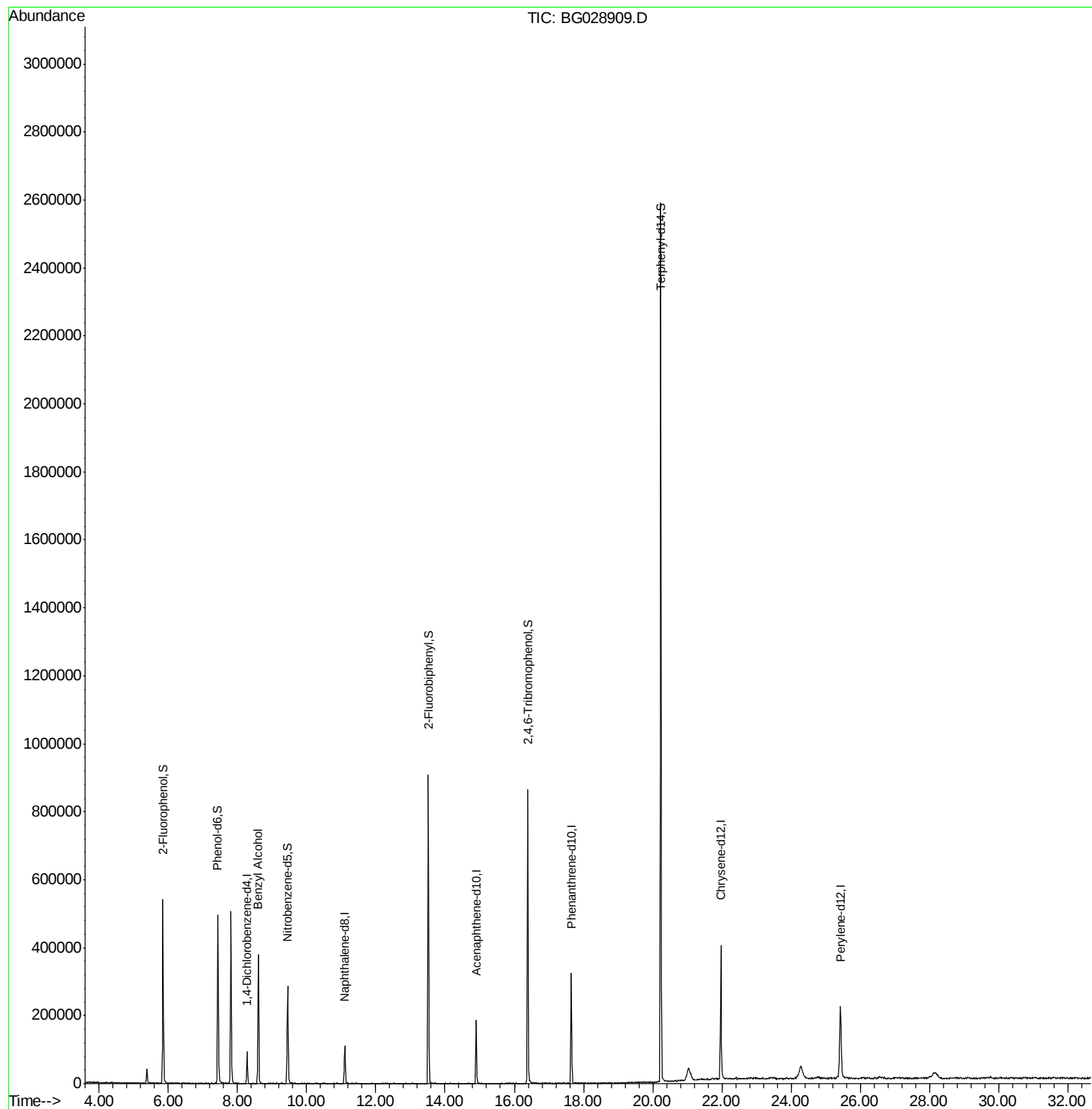
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24991	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	101071	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	70175	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	219994	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	277633	20.00	ng	-0.06
86) Perylene-d12	25.42	264	273433	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	226995	149.88	ng	-0.06
7) Phenol-d6	7.43	99	312095	136.86	ng	-0.06
23) Nitrobenzene-d5	9.45	82	193169	91.43	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	184513	158.97	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	508473	96.62	ng	-0.05
78) Terphenyl-d14	20.24	244	1151215	88.43	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	4029	2.26	ng	Qvalue # 48

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Instrument :

BNA_G

ClientSampleId :

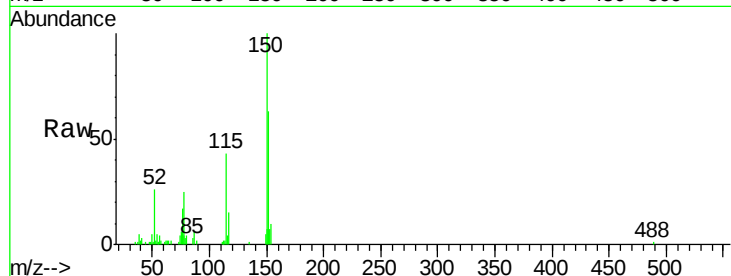
Tot Ion:152 Resp: 24991

Ion Ratio Lower Upper

152 100

150 159.2 114.0 171.0

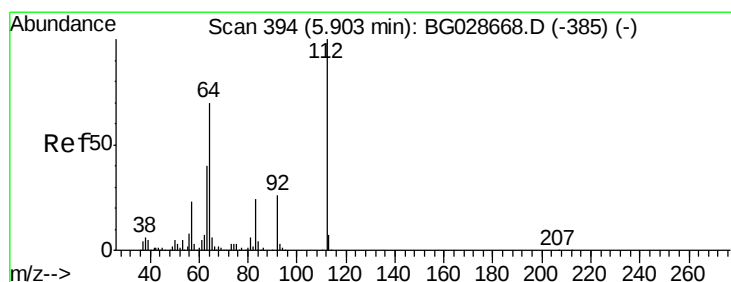
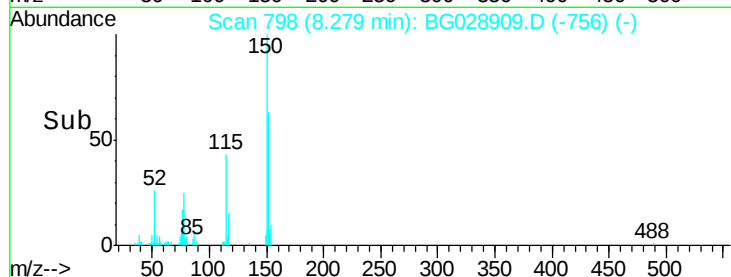
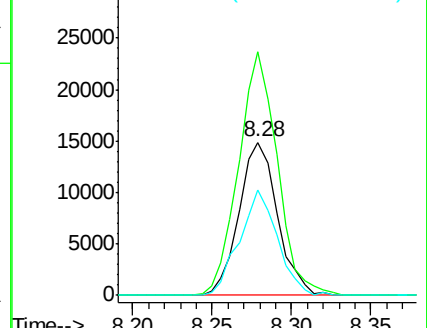
115 68.6 48.1 72.1



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: 149.88 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

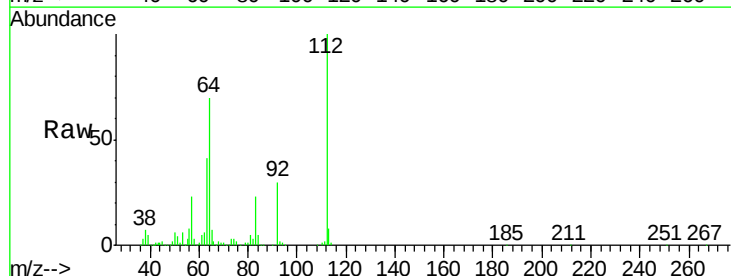
Tgt Ion:112 Resp: 226995

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

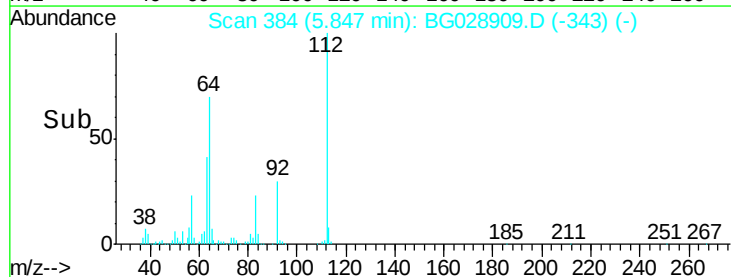
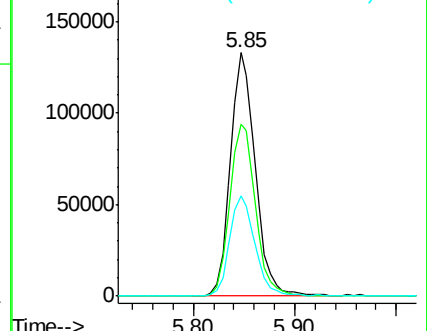
63 41.3 37.2 55.8

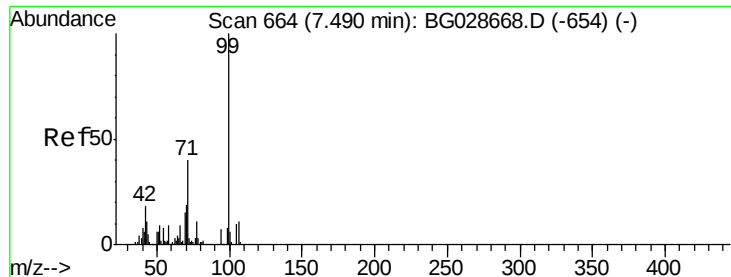


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.86 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Instrument :

BNA_G

ClientSampleId :

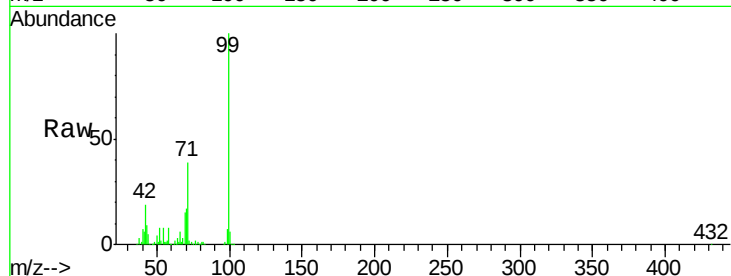
Tot Ion: 99 Resp: 312095

Ion Ratio Lower Upper

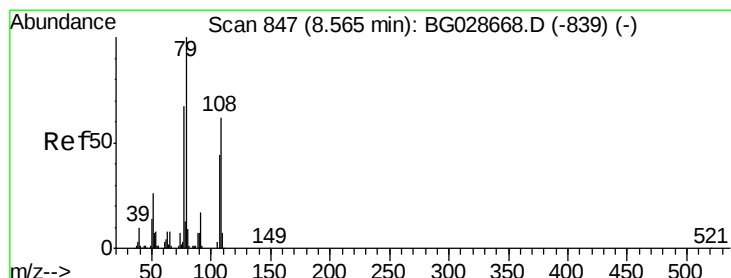
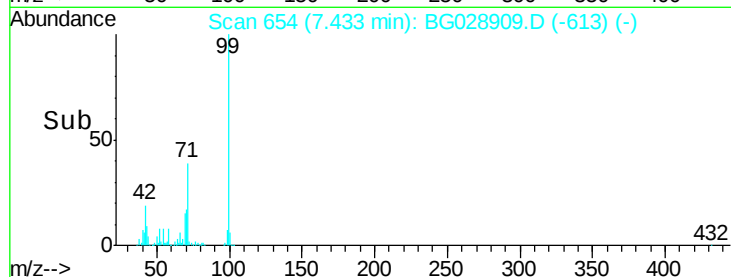
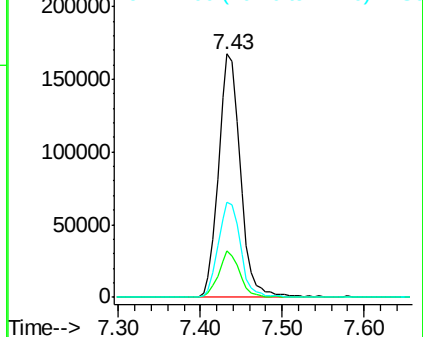
99 100

42 19.0 20.5 30.7#

71 39.1 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



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.04 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

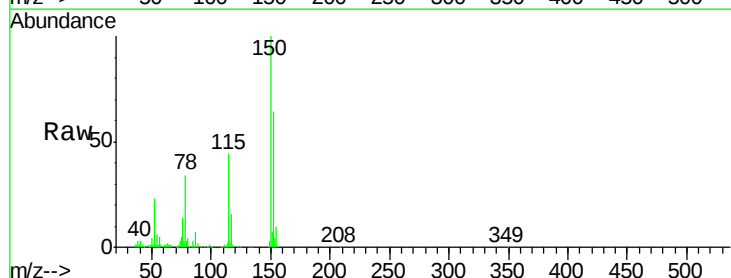
Tgt Ion: 79 Resp: 4029

Ion Ratio Lower Upper

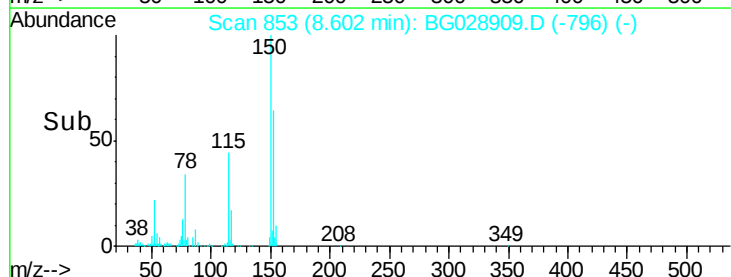
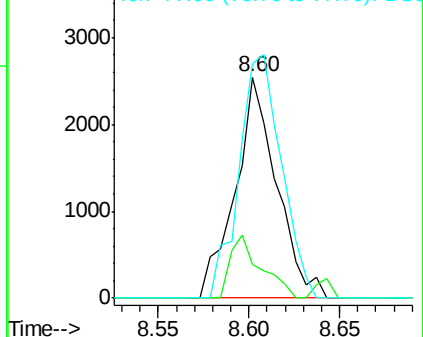
79 100

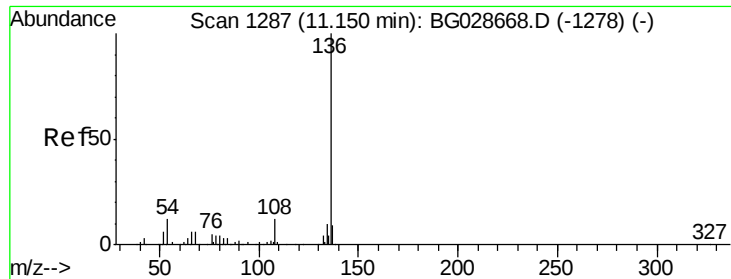
108 15.1 45.5 68.3#

77 106.4 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

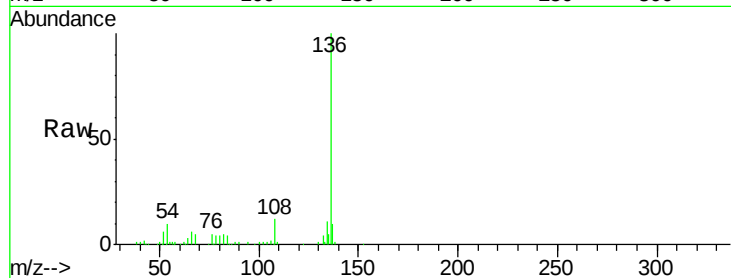




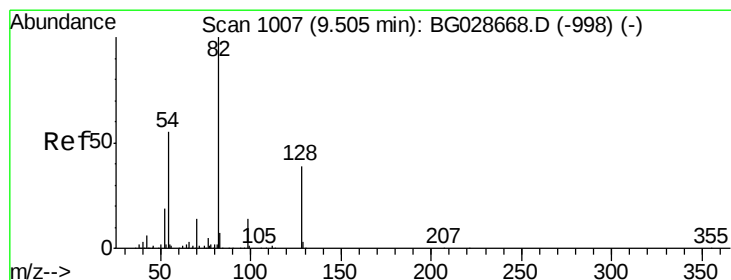
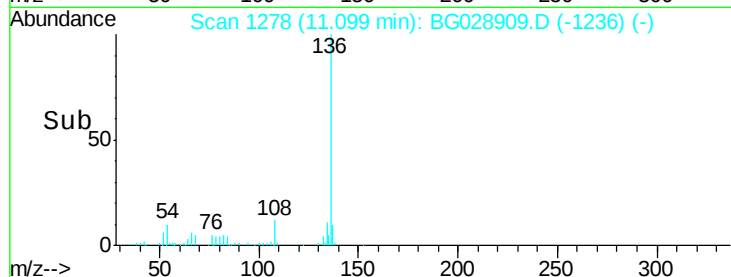
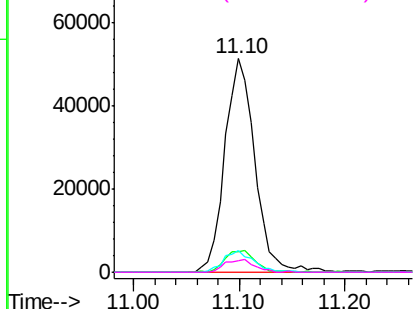
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028909.D
Acq: 25 Sep 2017 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	101071
Ion	Ratio	Lower Upper
136	100	
137	9.5	8.9 13.3
54	9.9	9.3 13.9
68	5.2	5.1 7.7

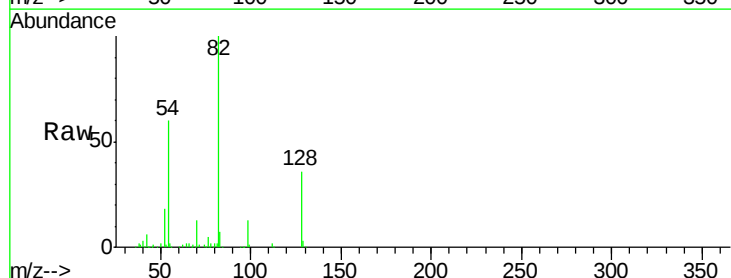


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

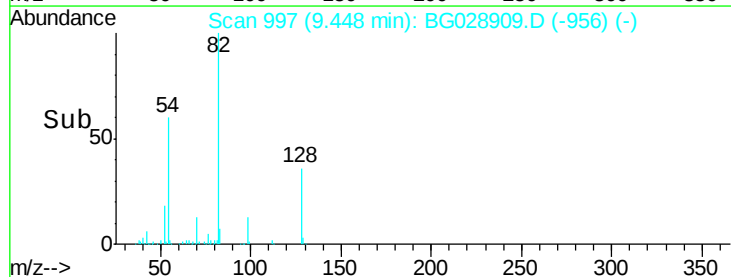
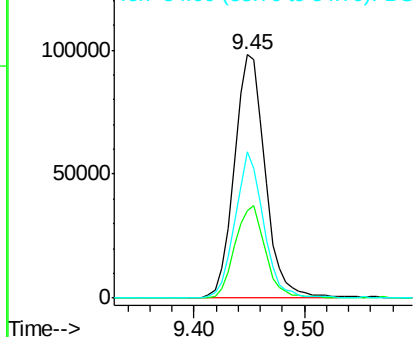


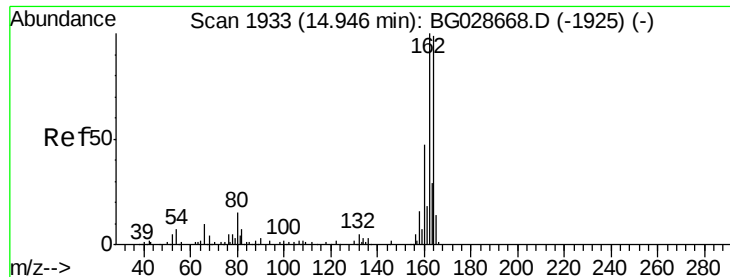
#23
Nitrobenzene-d5
Concen: 91.43 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028909.D
Acq: 25 Sep 2017 15:54

Tgt Ion: 82	Resp:	193169
Ion	Ratio	Lower Upper
82	100	
128	35.7	26.4 39.6
54	60.3	49.4 74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

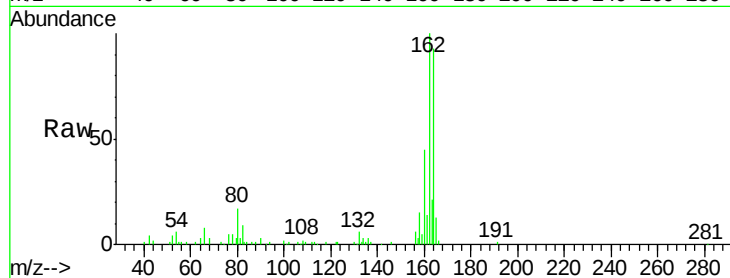
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 70175

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	47.7	34.7	52.1

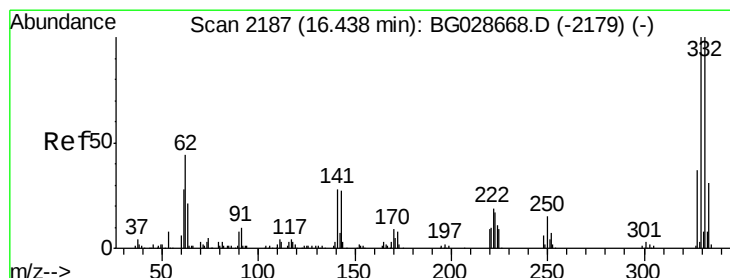
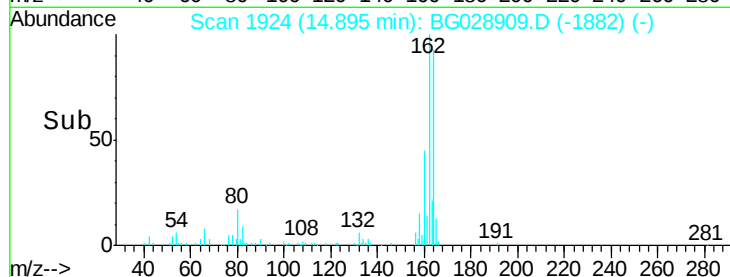


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.97 ng

RT: 16.39 min Scan# 2178

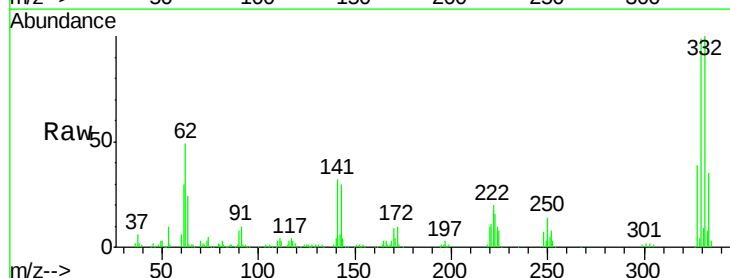
Delta R.T. -0.05 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Tgt Ion:330 Resp: 184513

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	30.5	32.1	48.1

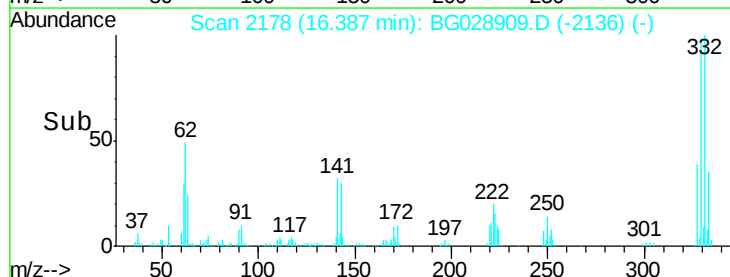


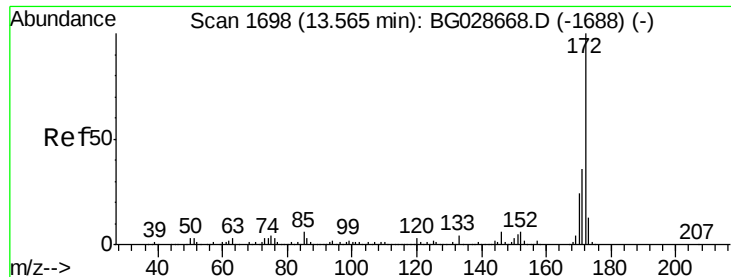
Abundance

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

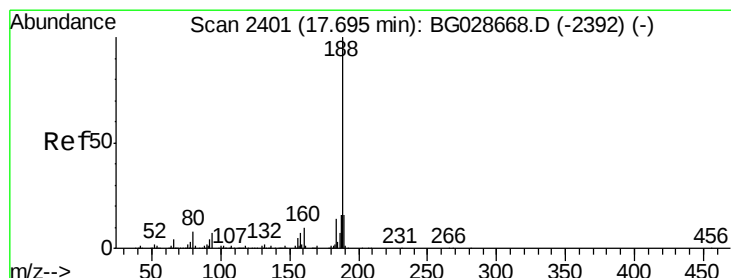
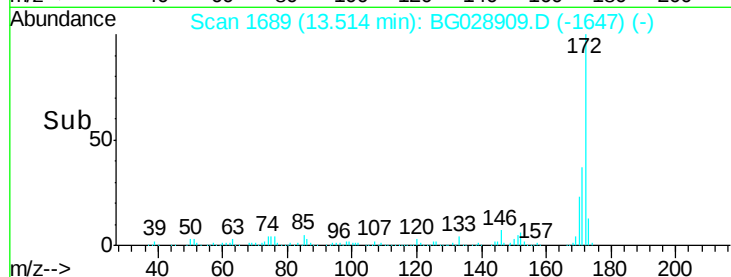
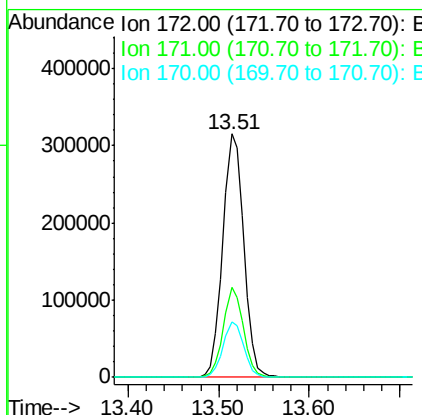
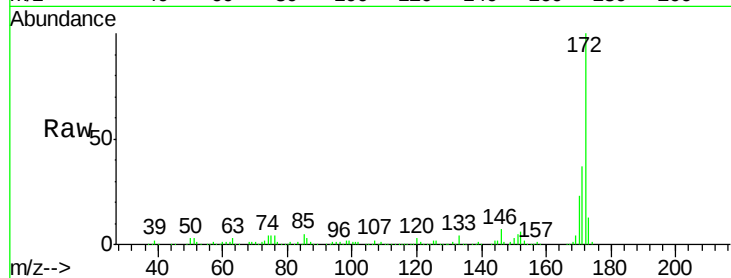




#44
 2-Fluorobiphenyl
 Concen: 96.62 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

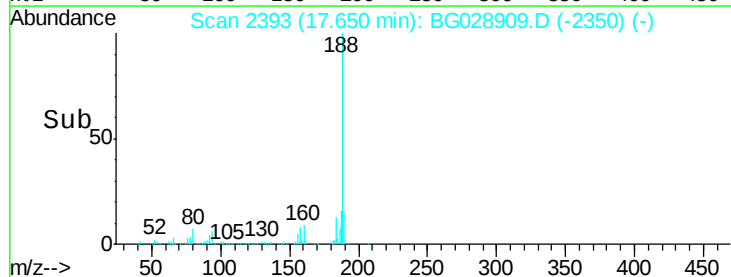
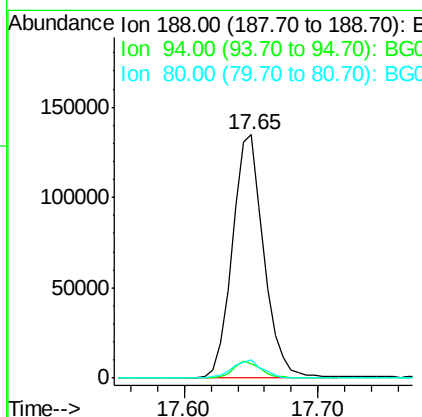
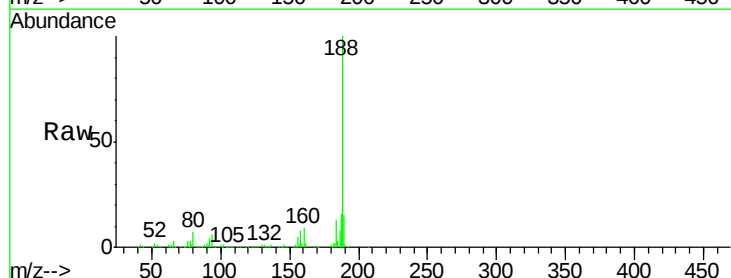
Instrument :
 BNA_G
 ClientSampleId :

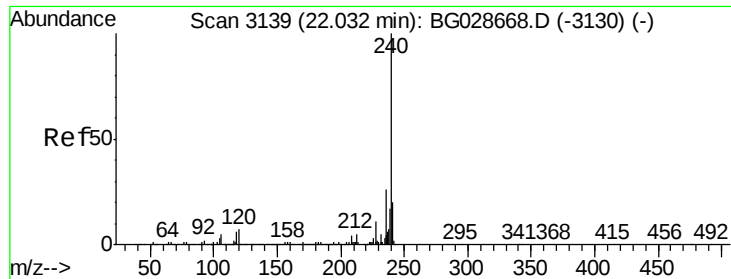
Tot Ion:172 Resp: 508473
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 22.9 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.65 min Scan# 2393
 Delta R.T. -0.05 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

Tgt Ion:188 Resp: 219994
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.8 8.8
 80 7.4 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Instrument :

BNA_G

ClientSampleId :

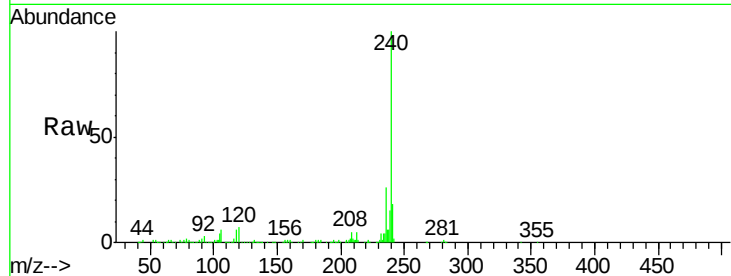
Tot Ion:240 Resp: 277633

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

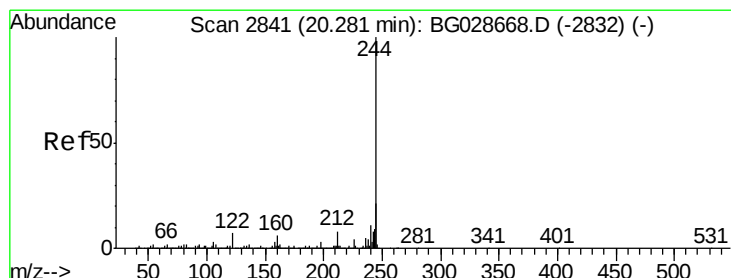
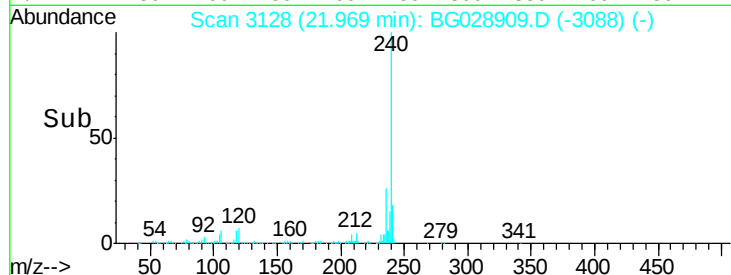
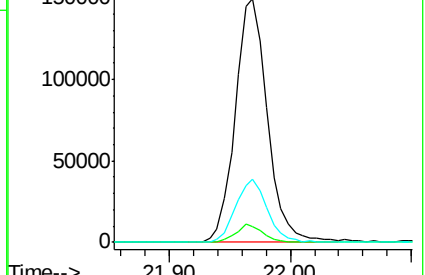
236 26.1 22.2 33.4



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: 88.43 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

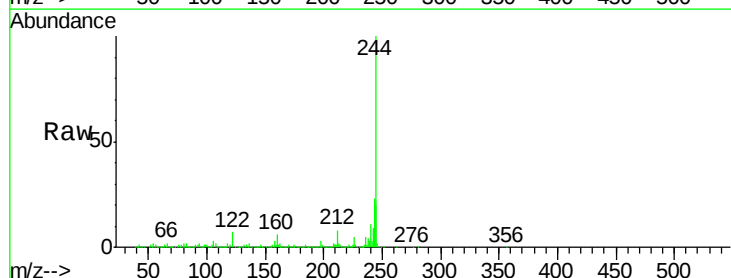
Tgt Ion:244 Resp: 1151215

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

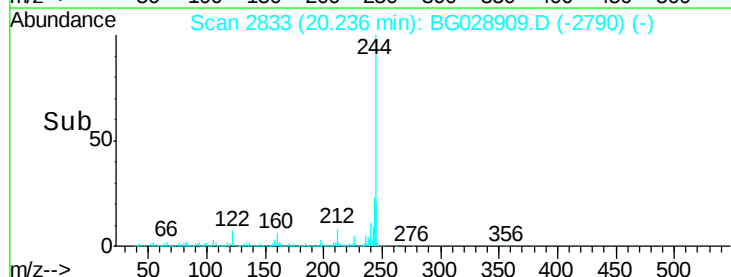
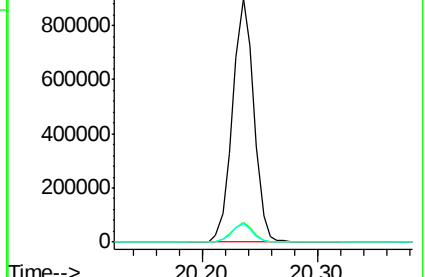
122 7.5 8.6 12.8#

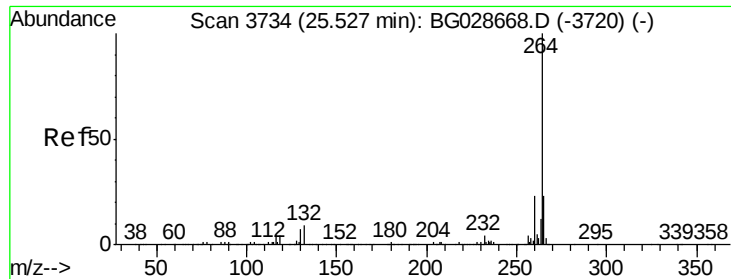


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.10 min
Lab File: BG028909.D
Acq: 25 Sep 2017 15:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	23.3	18.2	27.4

