

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028912.D
 Acq On : 25 Sep 2017 17:54
 Operator : SJ/JU
 Sample : I5301-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Quant Time: Sep 26 02:05:33 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

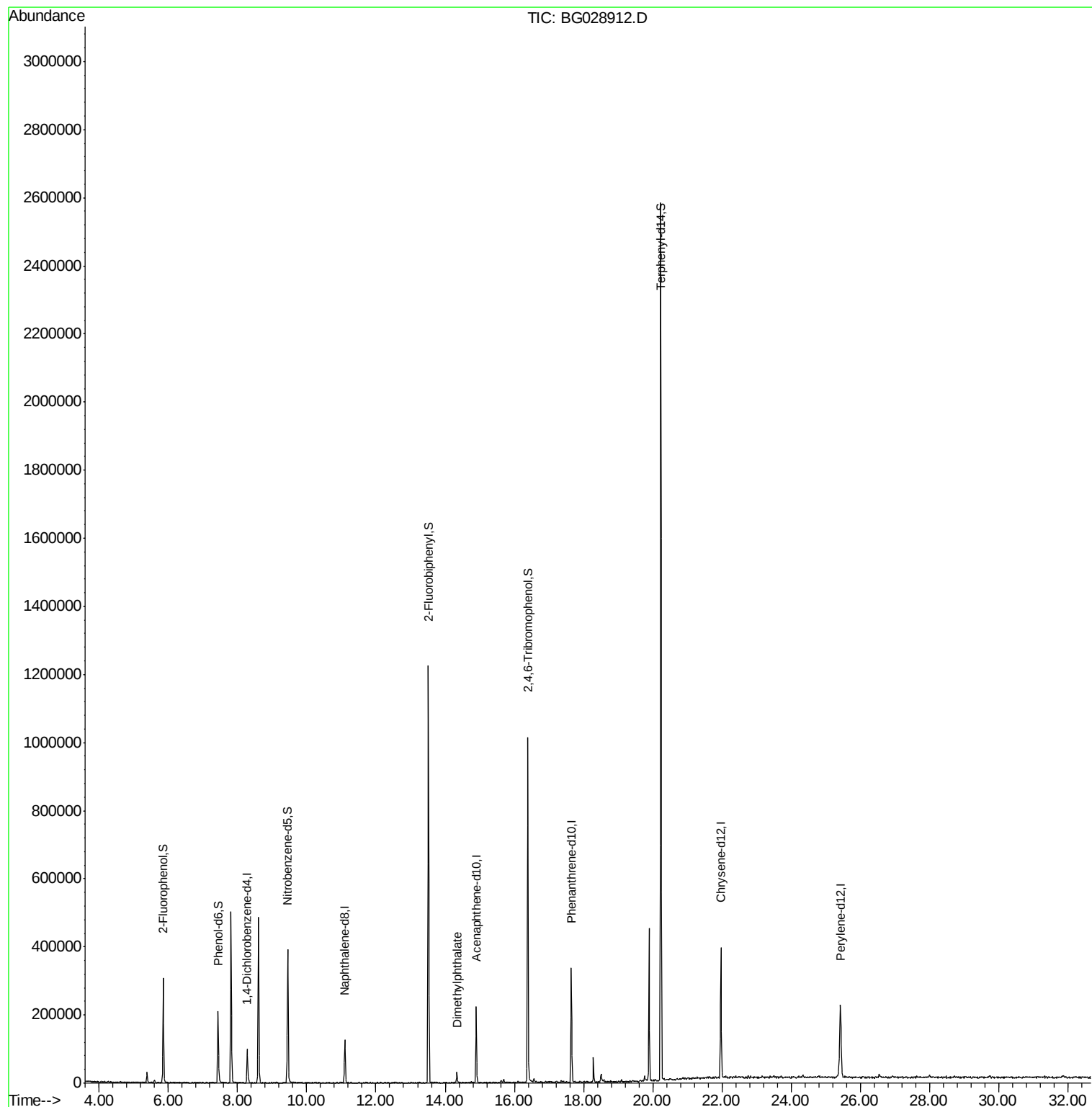
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28523	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	109875	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	78993	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	222163	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	262592	20.00	ng	-0.07
86) Perylene-d12	25.42	264	266073	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	132611	76.72	ng	-0.05
7) Phenol-d6	7.44	99	130257	50.05	ng	-0.05
23) Nitrobenzene-d5	9.45	82	252831	110.08	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	223356	170.96	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	656870	110.88	ng	-0.05
78) Terphenyl-d14	20.23	244	1285956	104.44	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.34	163	22128	3.341	ng	Qvalue # 98

(#) = 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: BG028912.D

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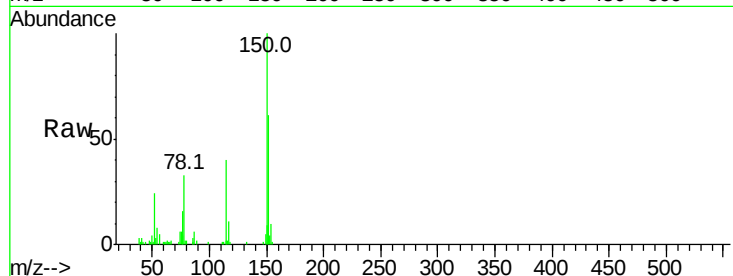
Tot Ion:152 Resp: 28523

Ion Ratio Lower Upper

152 100

150 162.8 114.0 171.0

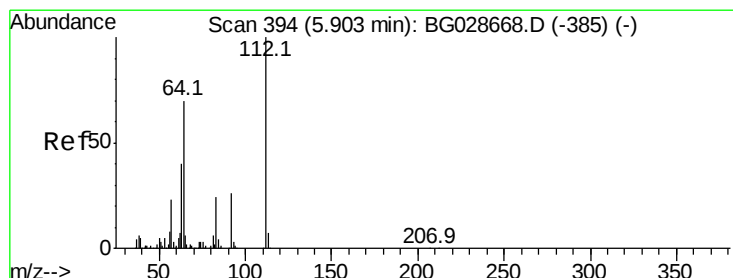
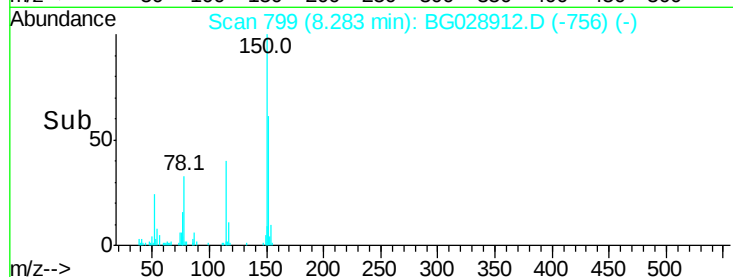
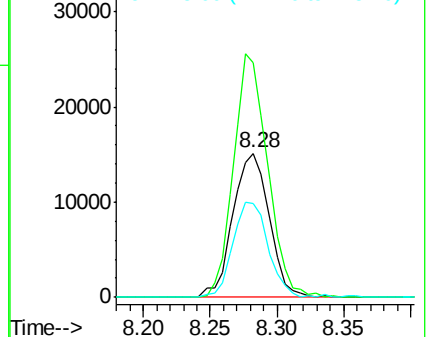
115 64.8 48.1 72.1



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: 76.715 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

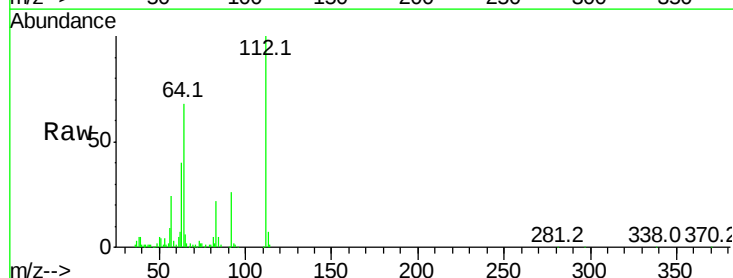
Tgt Ion:112 Resp: 132611

Ion Ratio Lower Upper

112 100

64 68.5 61.8 92.6

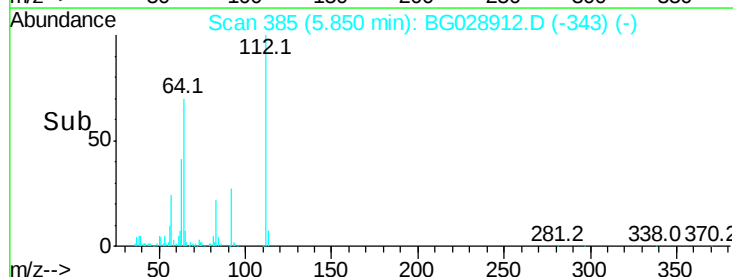
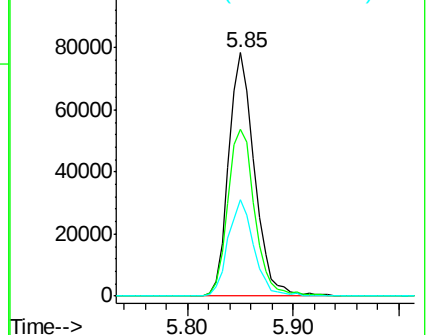
63 39.8 37.2 55.8

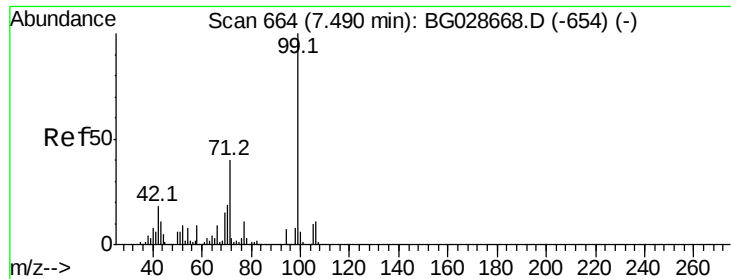


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.048 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

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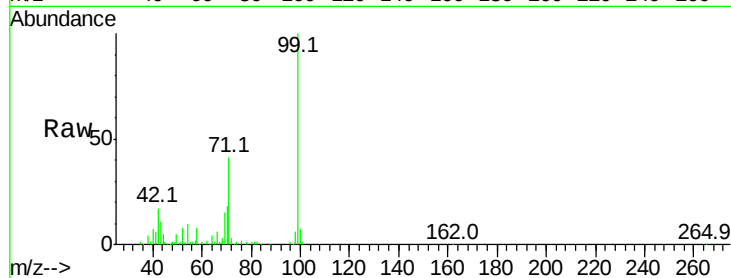
Tot Ion: 99 Resp: 130257

Ion Ratio Lower Upper

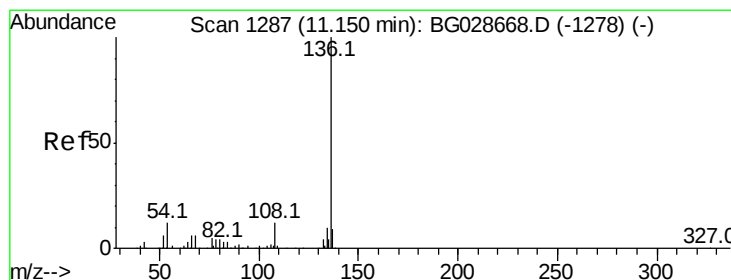
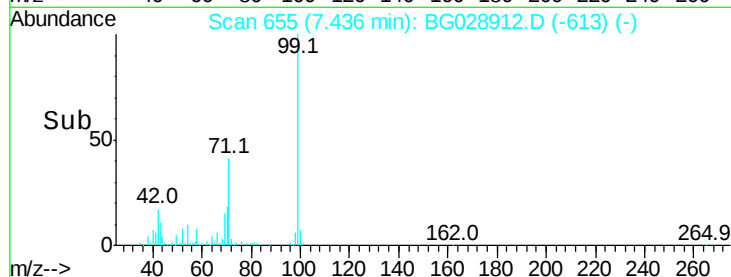
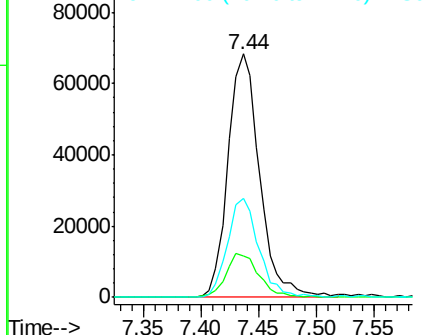
99 100

42 17.1 20.5 30.7#

71 40.6 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: BG028912.D

Acq: 25 Sep 2017 17:54

Tgt Ion: 136 Resp: 109875

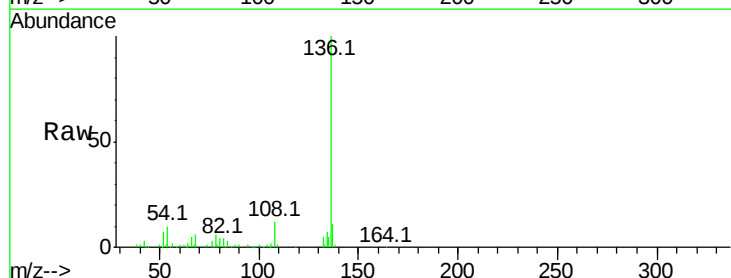
Ion Ratio Lower Upper

136 100

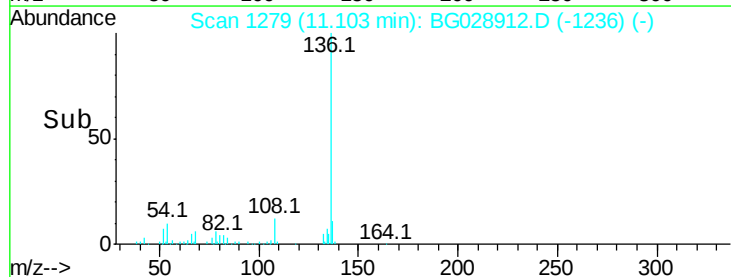
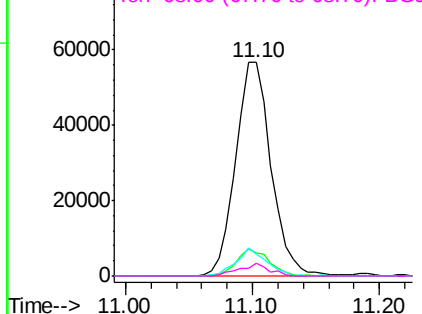
137 11.1 8.9 13.3

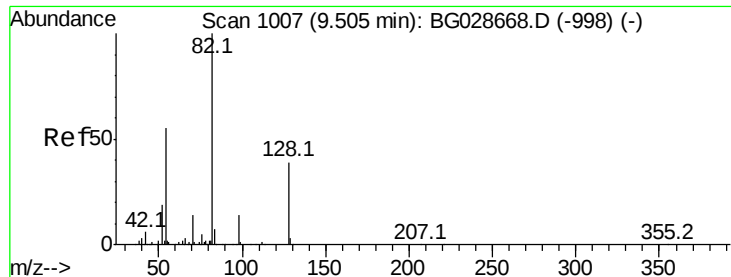
54 10.5 9.3 13.9

68 6.1 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

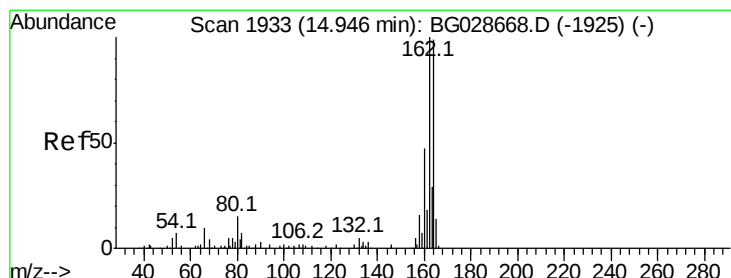
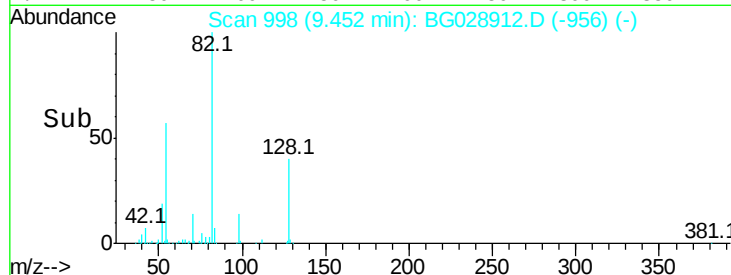
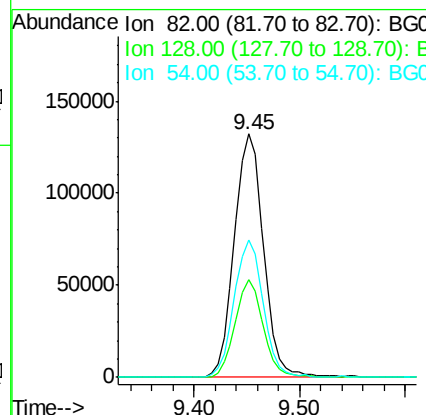
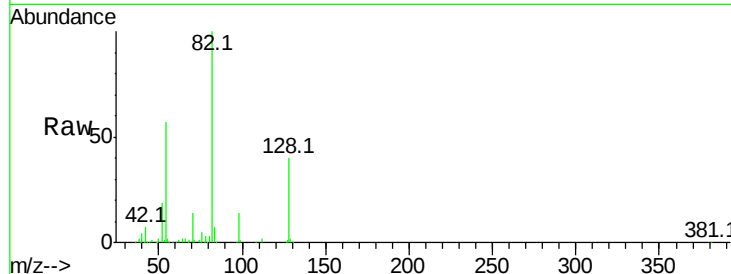




#23
 Nitrobenzene-d5
 Concen: 110.078 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

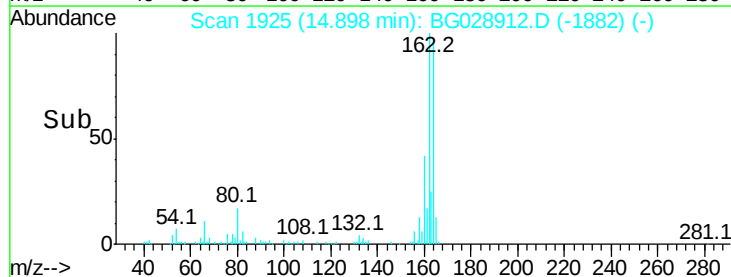
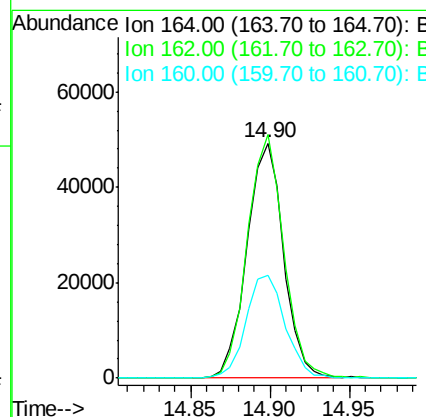
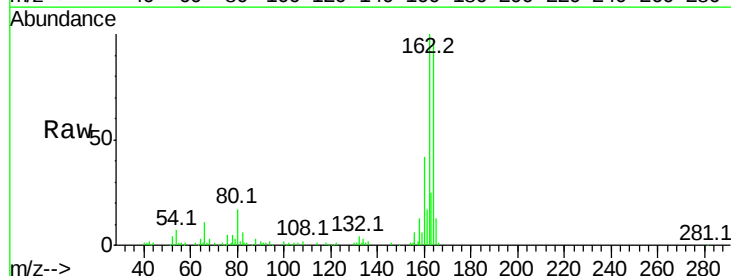
Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

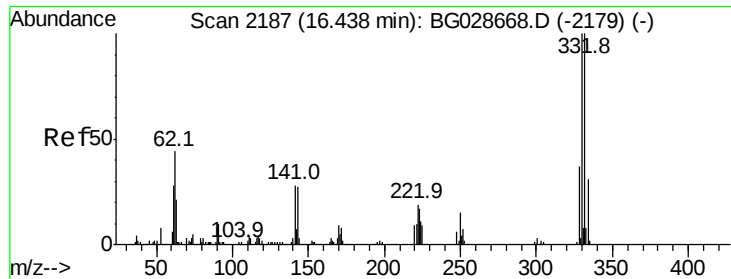
Tot Ion	82	Resp	252831
Ion Ratio	Lower	Upper	
82	100		
128	40.0	26.4	39.6#
54	56.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Tgt Ion	164	Resp	78993
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.1	127.7
160	44.0	34.7	52.1

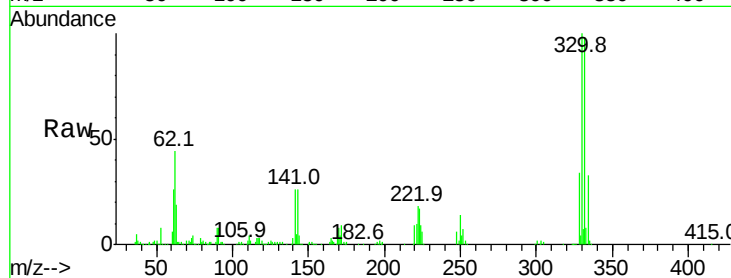




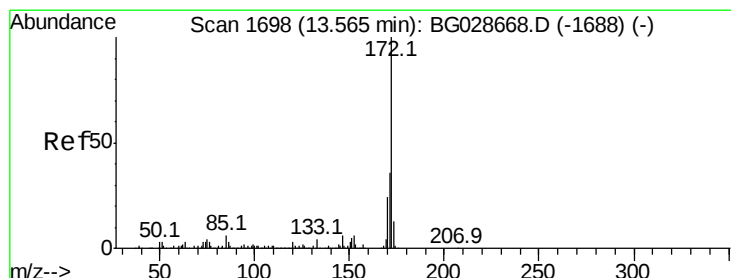
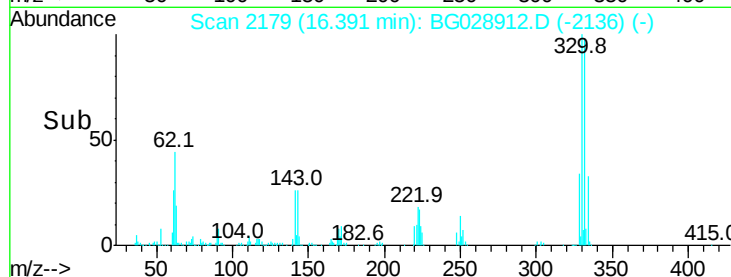
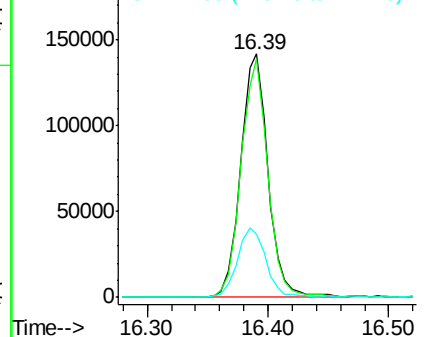
#41
 2,4,6-Tribromophenol
 Concen: 170.958 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.9	32.1	48.1#

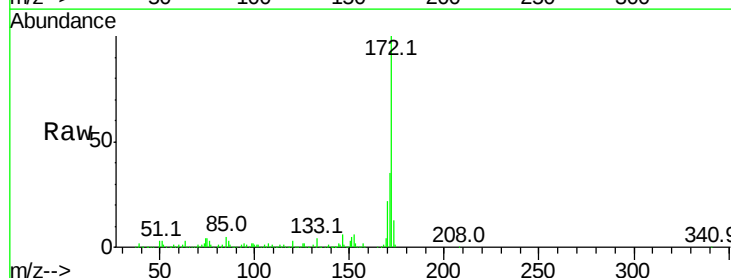


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

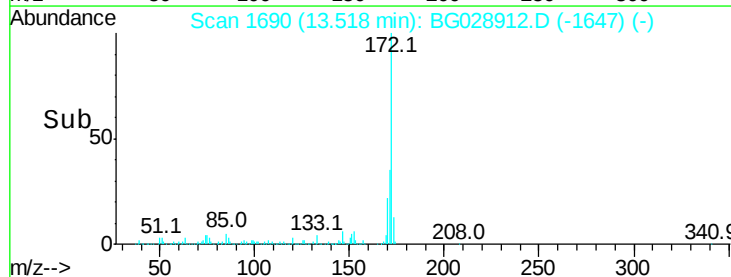
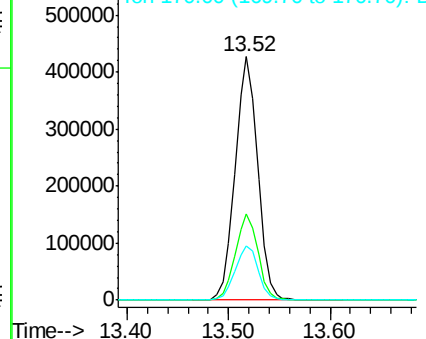


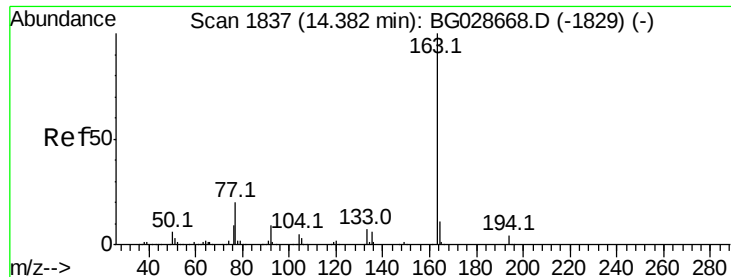
#44
 2-Fluorobiphenyl
 Concen: 110.881 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	22.4	21.8	32.6



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





#49

Dimethylphthalate

Concen: 3.341 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

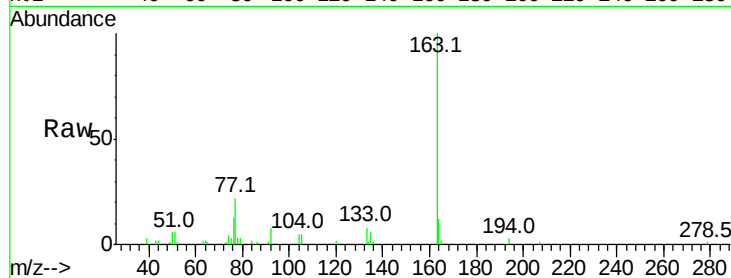
Tot Ion:163 Resp: 22128

Ion Ratio Lower Upper

163 100

194 3.0 3.8 5.6#

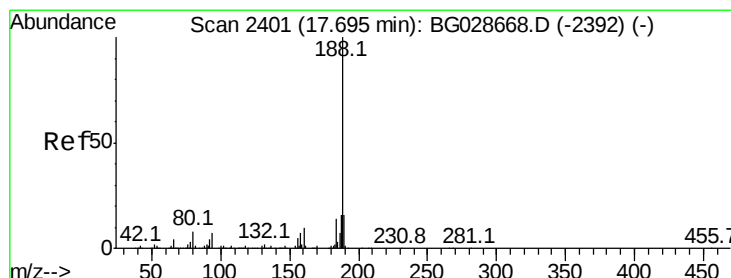
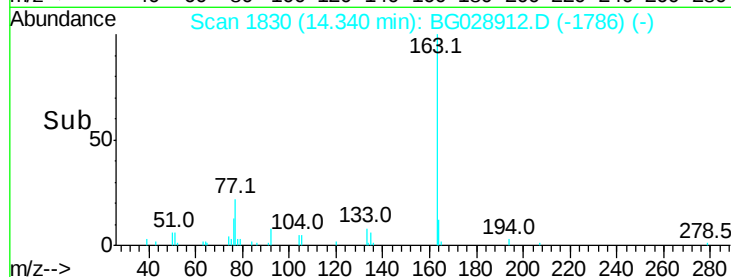
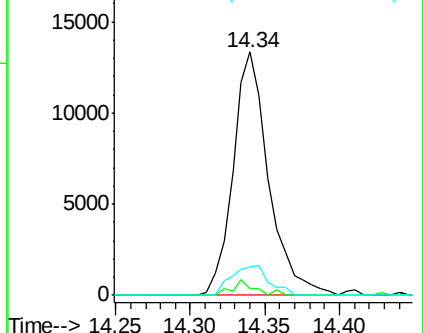
164 11.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

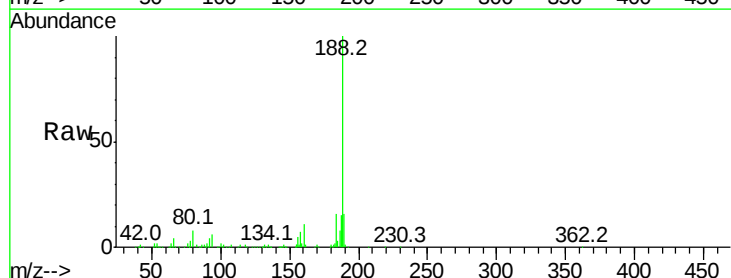
Tgt Ion:188 Resp: 222163

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

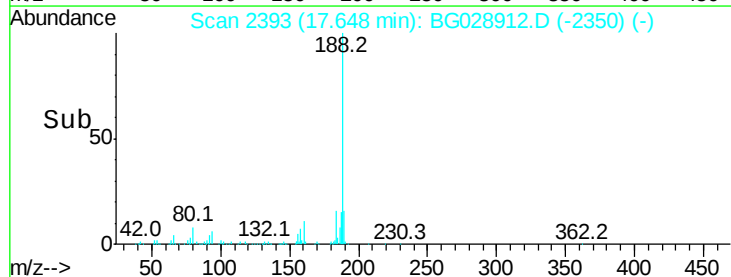
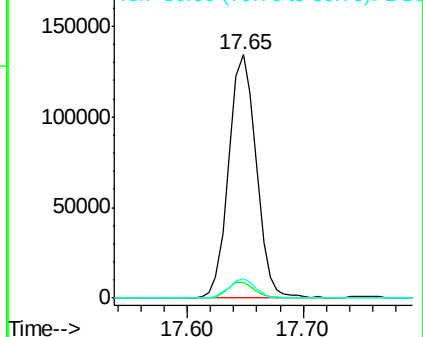
80 8.2 7.5 11.3

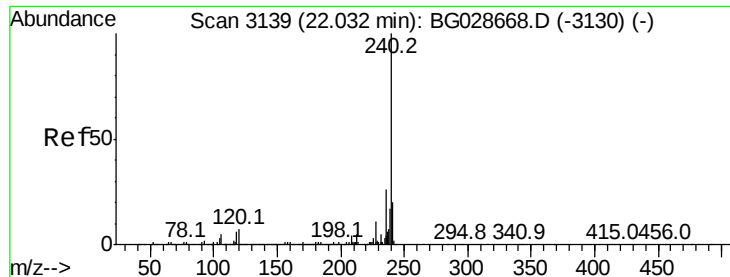


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

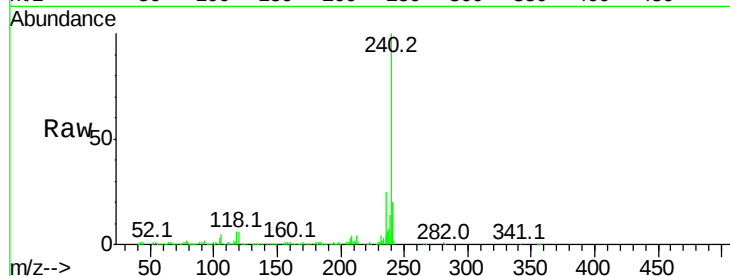
Tot Ion:240 Resp: 262592

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

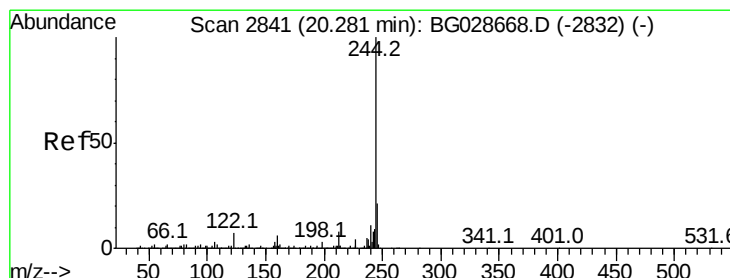
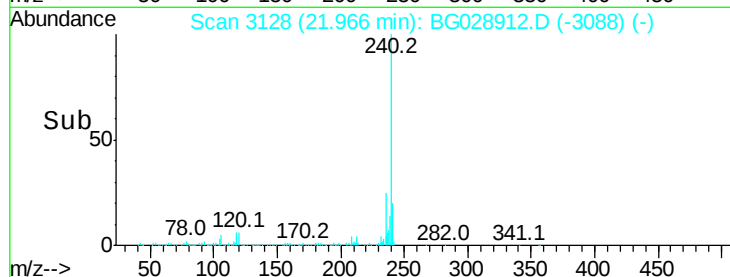
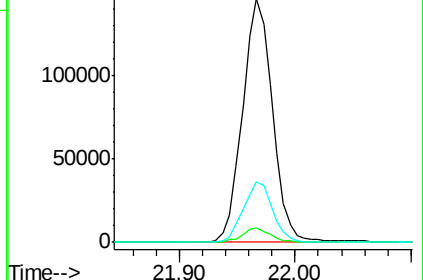
236 24.8 22.2 33.4



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: 104.435 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

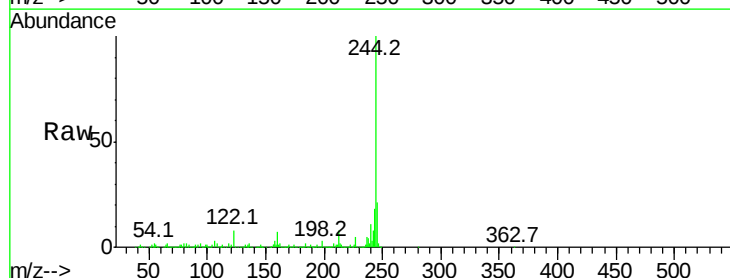
Tgt Ion:244 Resp: 1285956

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

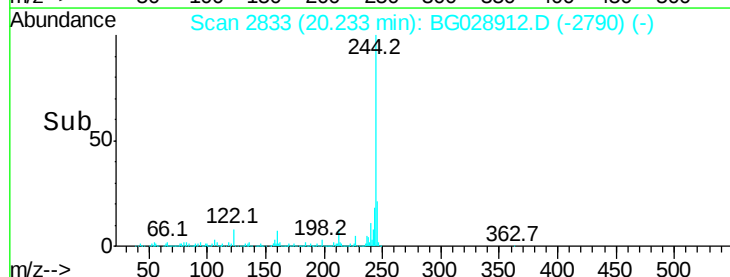
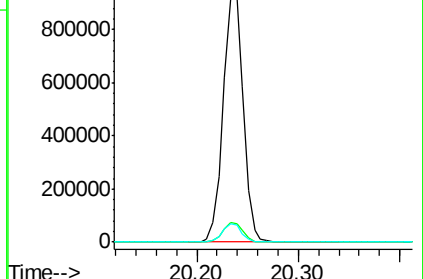
122 7.6 8.6 12.8#

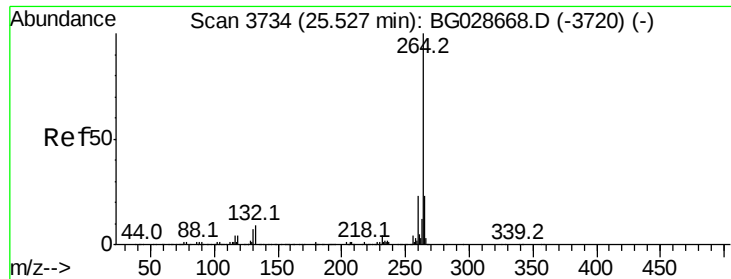


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG028912.D
 Acq: 25 Sep 2017 17:54

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	20.3	18.2	27.4

