

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028957.D
 Acq On : 28 Sep 2017 00:23
 Operator : SJ/JU
 Sample : I5404-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB_092217

Quant Time: Sep 28 01:30:09 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

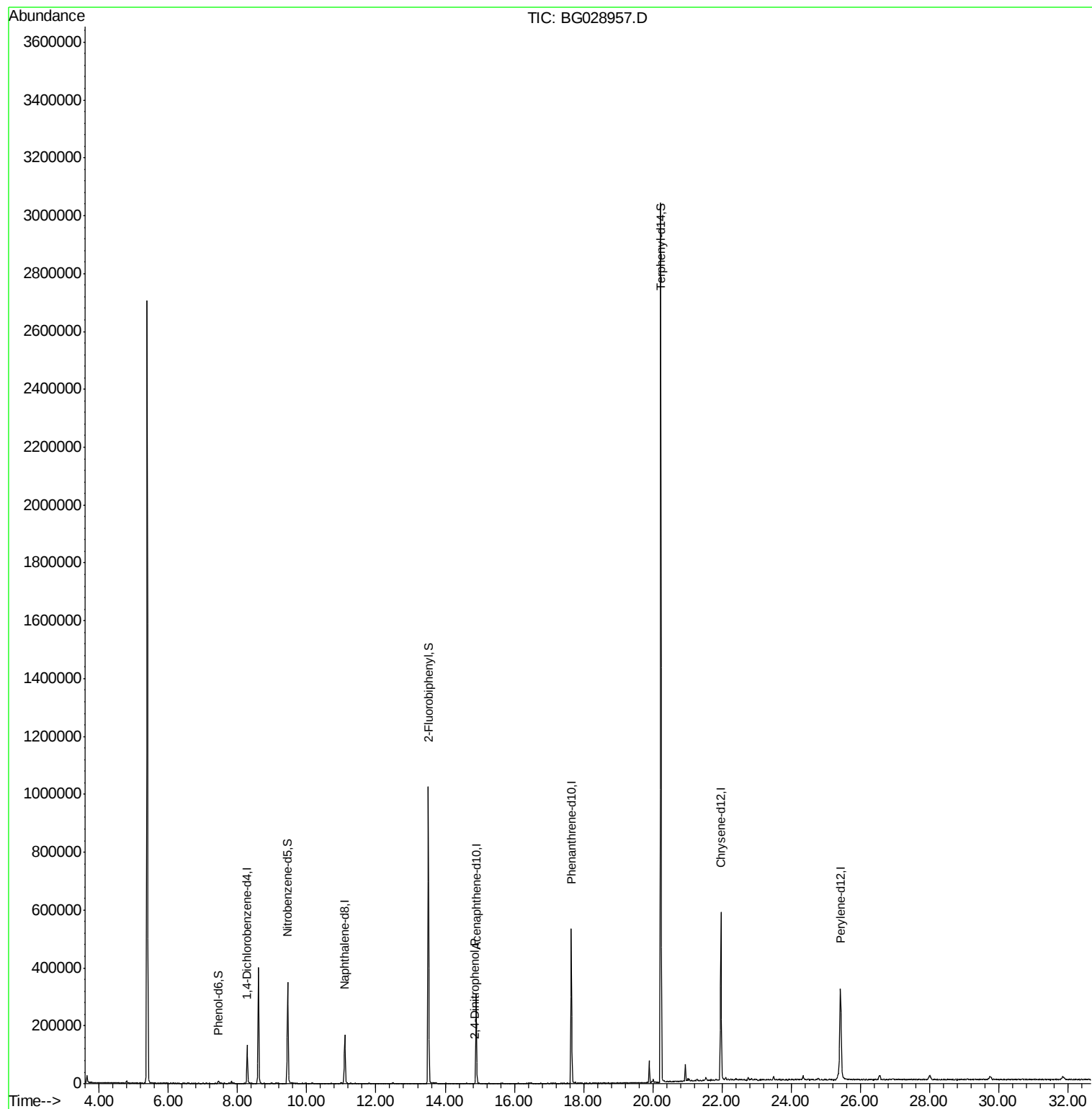
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36995	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	151912	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	115606	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	340170	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	403575	20.00	ng	-0.07
86) Perylene-d12	25.42	264	408783	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	455	0.20	ng	-0.05
7) Phenol-d6	7.45	99	7653	2.27	ng	-0.04
23) Nitrobenzene-d5	9.45	82	224900	70.82	ng	-0.05
41) 2,4,6-Tribromophenol	16.41	330	488	0.26	ng	-0.02
44) 2-Fluorobiphenyl	13.52	172	575724	66.41	ng	-0.05
78) Terphenyl-d14	20.23	244	1442299	76.21	ng	-0.05
Target Compounds						
53) 2,4-Dinitrophenol	14.84	184	87	8.070	ng	Qvalue # 15

(#) = 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# 798

Delta R.T. -0.05 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

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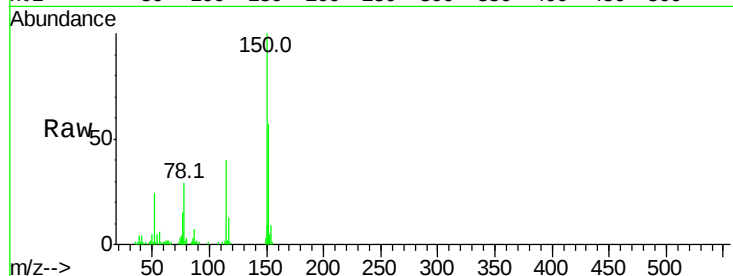
Tot Ion:152 Resp: 36995

Ion Ratio Lower Upper

152 100

150 177.0 114.0 171.0#

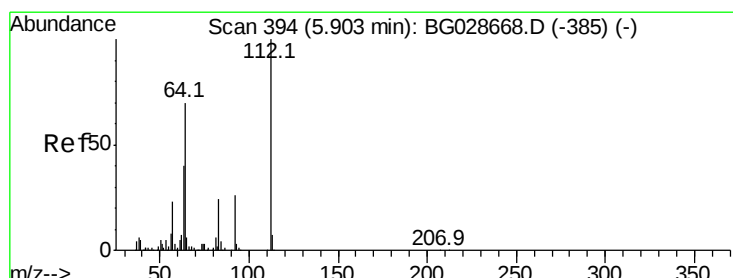
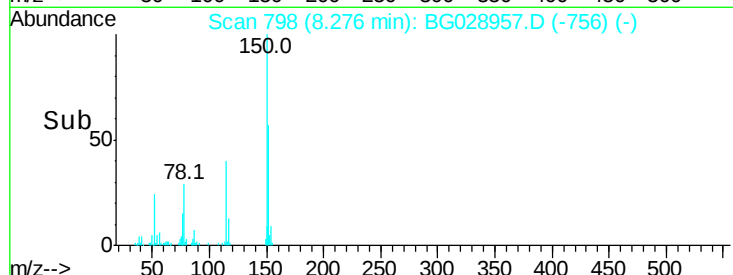
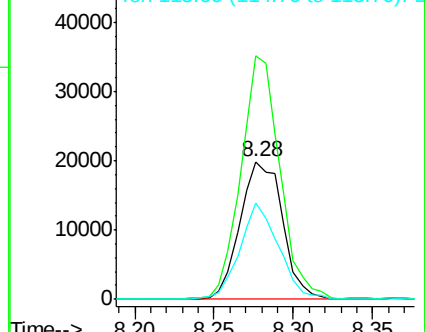
115 70.3 48.1 72.1



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: 0.203 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

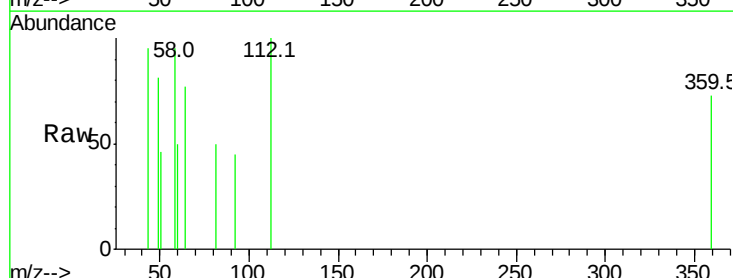
Tgt Ion:112 Resp: 455

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

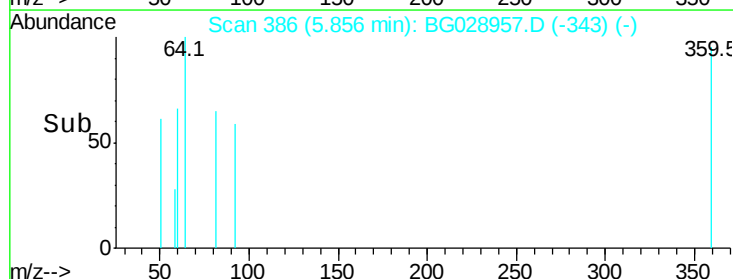
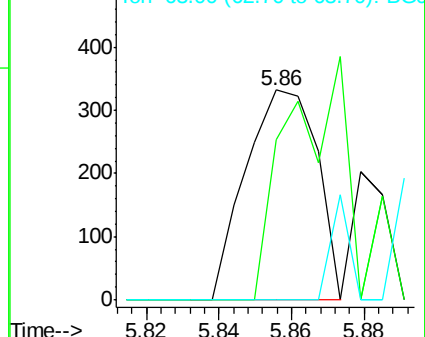
63 0.0 37.2 55.8#

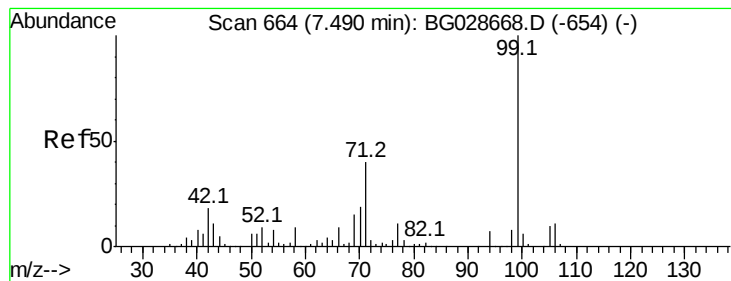


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 2.267 ng

RT: 7.45 min Scan# 658

Delta R.T. -0.04 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

Instrument :

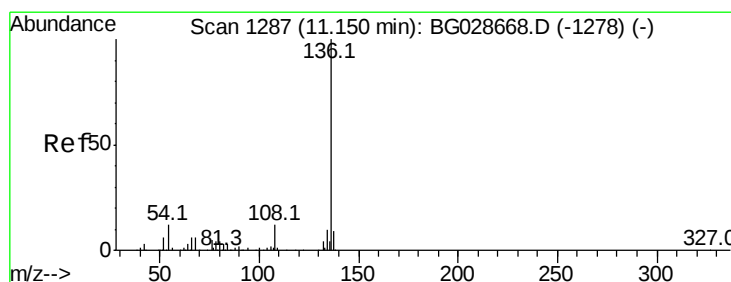
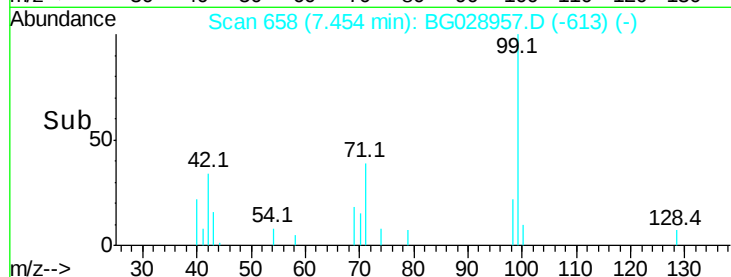
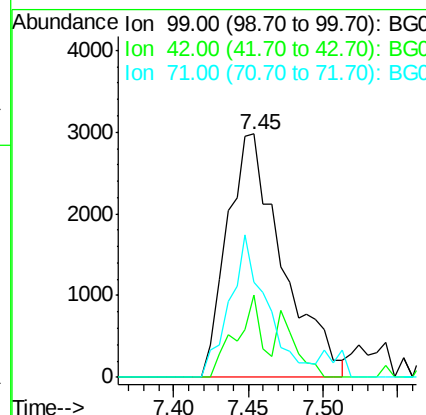
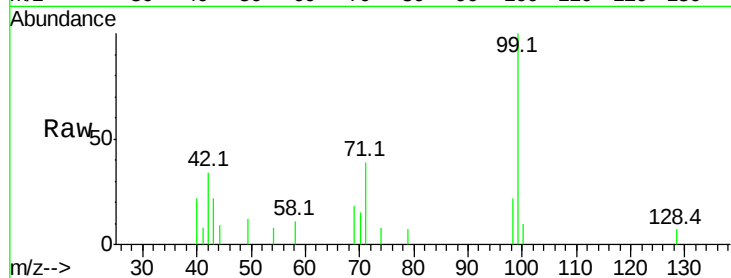
BNA_G

ClientSampleId :

FB_092217

Tot Ion: 99 Resp: 7653

Ion	Ratio	Lower	Upper
99	100		
42	33.8	20.5	30.7#
71	39.3	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

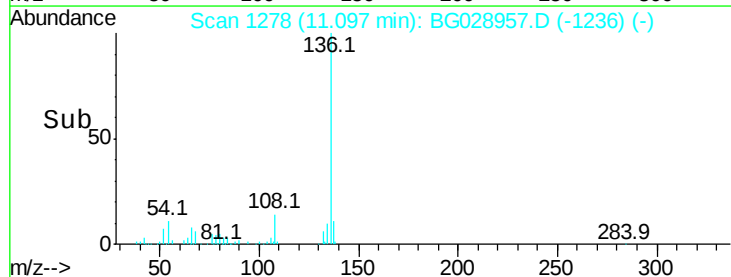
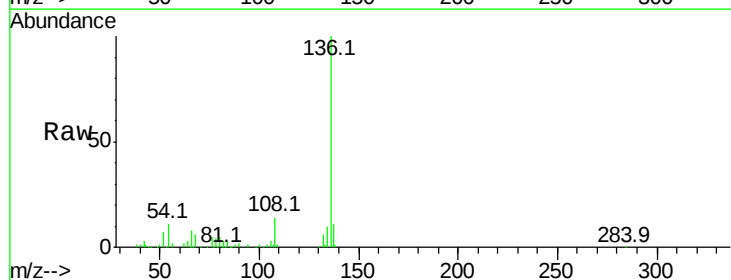
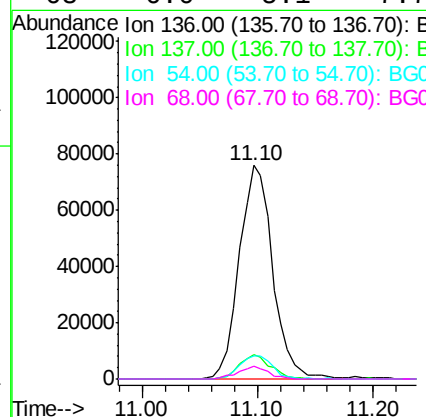
Delta R.T. -0.05 min

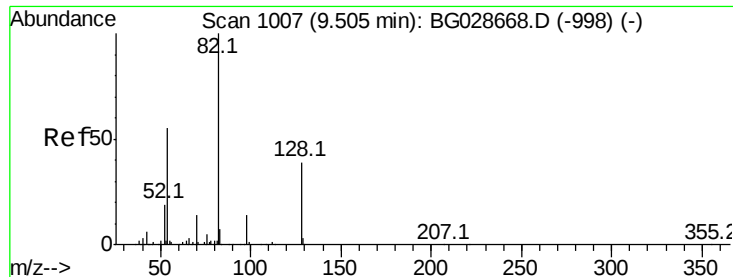
Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

Tgt Ion: 136 Resp: 151912

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.6	9.3	13.9
68	6.0	5.1	7.7

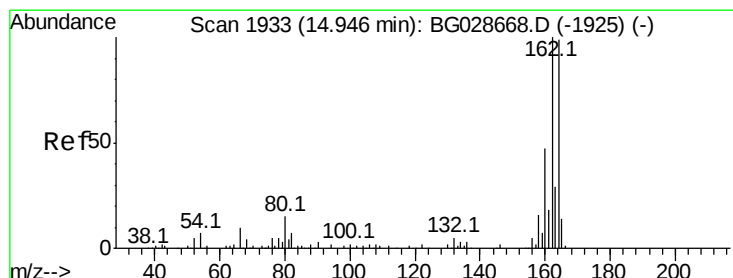
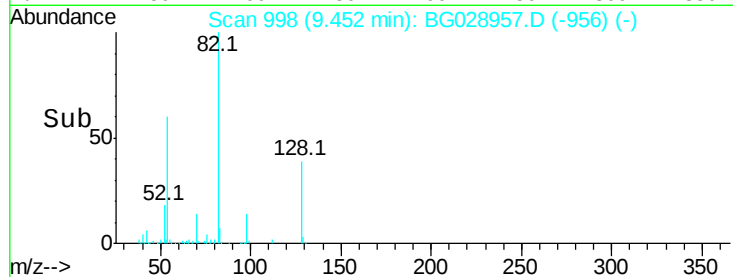
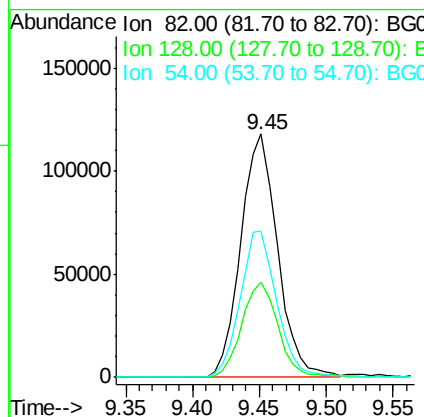
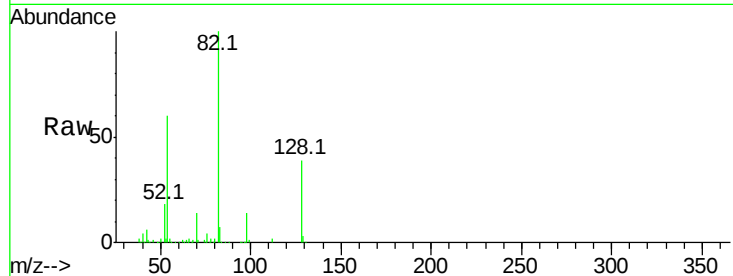




#23
 Nitrobenzene-d5
 Concen: 70.821 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028957.D
 Acq: 28 Sep 2017 00:23

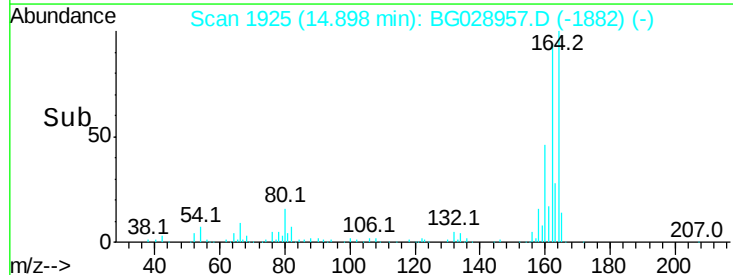
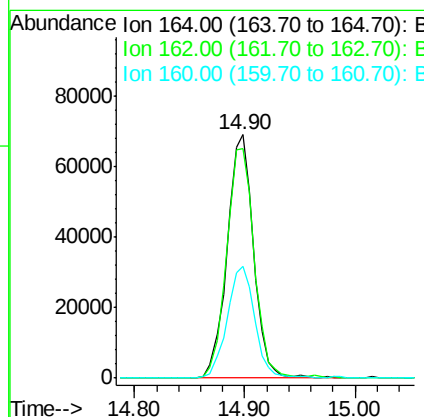
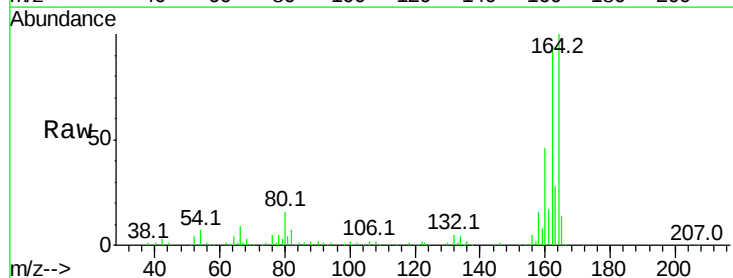
Instrument :
 BNA_G
 ClientSampleId :
 FB_092217

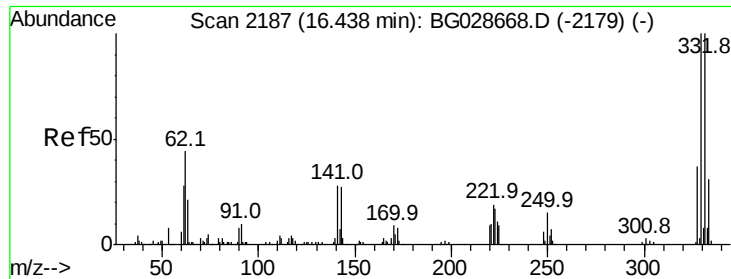
Tot Ion	82	Resp	224900
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	60.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028957.D
 Acq: 28 Sep 2017 00:23

Tgt Ion	164	Resp	115606
Ion	Ratio	Lower	Upper
164	100		
162	94.2	85.1	127.7
160	46.0	34.7	52.1

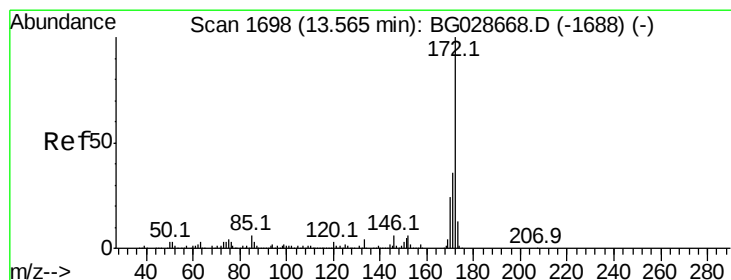
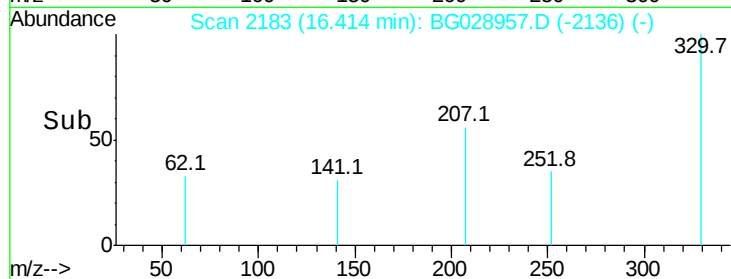
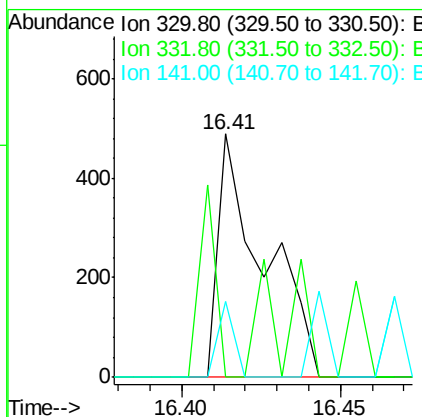
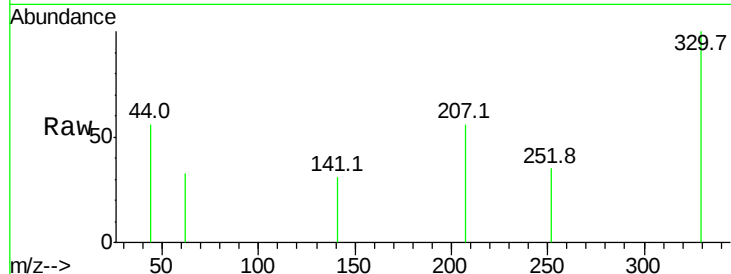




#41
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 16.41 min Scan# 2183
 Delta R.T. -0.02 min
 Lab File: BG028957.D
 Acq: 28 Sep 2017 00:23

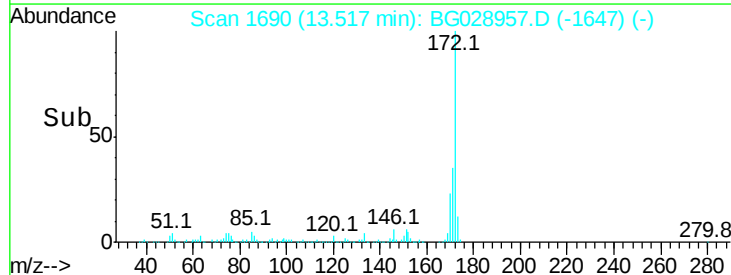
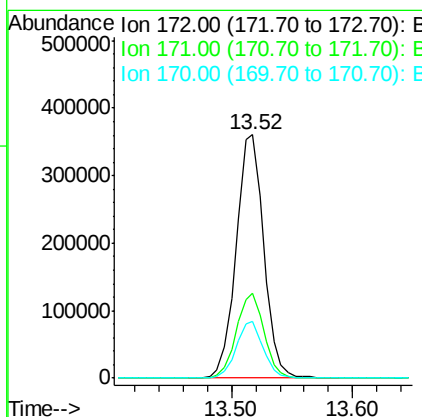
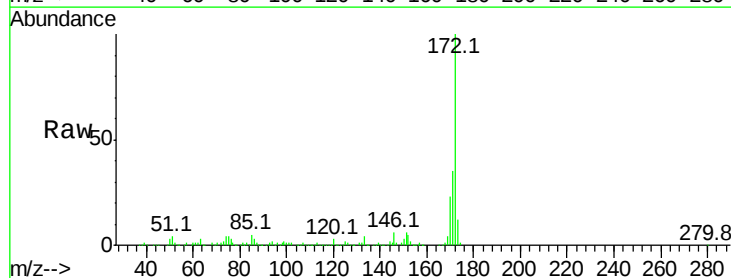
Instrument :
 BNA_G
 ClientSampleId :
 FB_092217

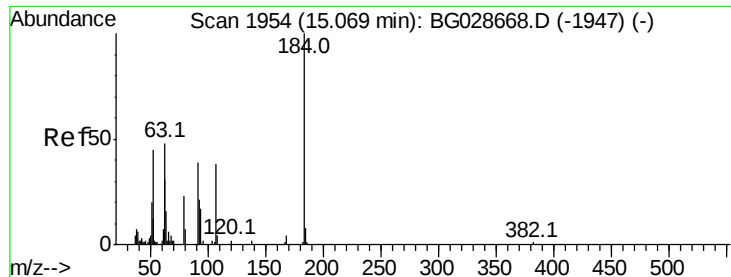
Tot Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 27.9 77.3 115.9#
 141 11.1 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 66.405 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028957.D
 Acq: 28 Sep 2017 00:23

Tgt Ion:172 Resp: 575724
 Ion Ratio Lower Upper
 172 100
 171 34.7 32.2 48.2
 170 23.3 21.8 32.6





#53

2,4-Dinitrophenol

Concen: 8.070 ng

RT: 14.84 min Scan# 1915

Delta R.T. -0.23 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

Instrument :

BNA_G

ClientSampleId :

FB_092217

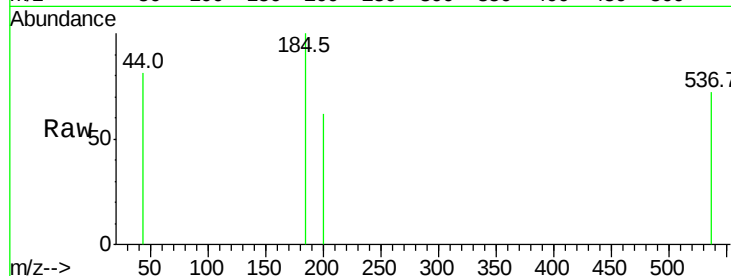
Tot Ion:184 Resp: 87

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

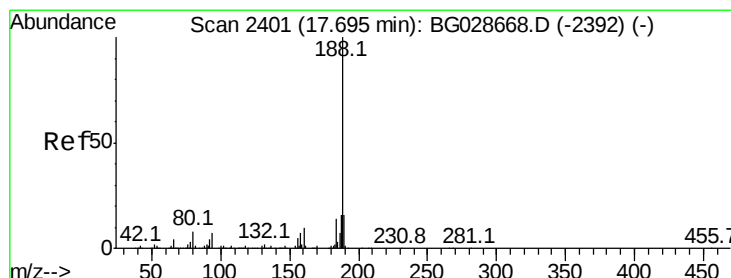
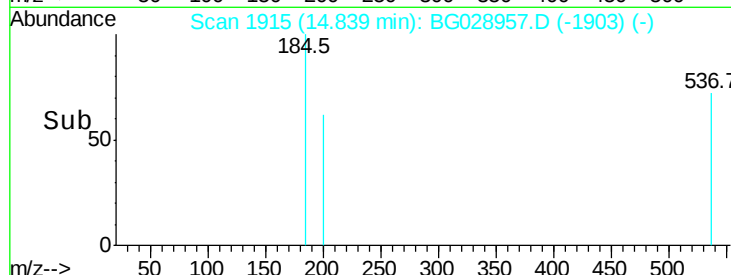
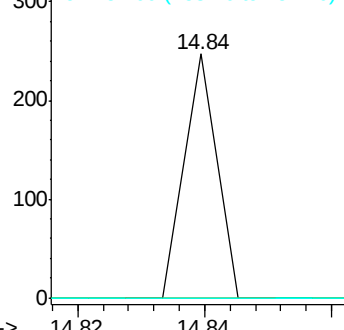
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

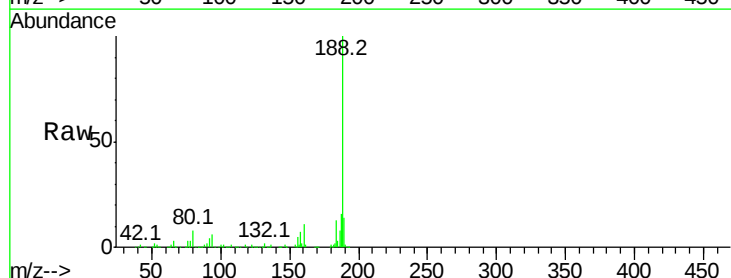
Tgt Ion:188 Resp: 340170

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

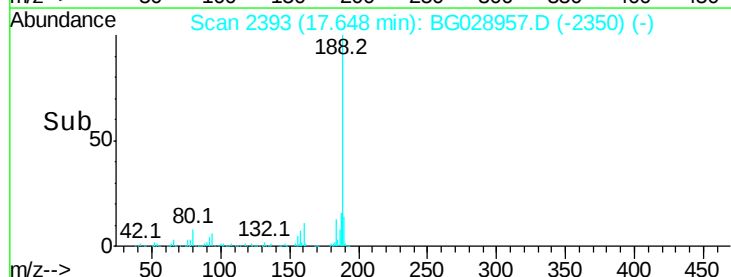
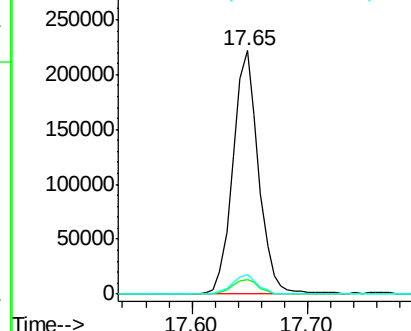
80 7.9 7.5 11.3

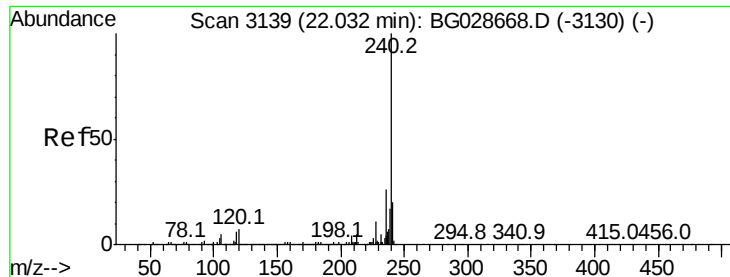


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

Instrument :

BNA_G

ClientSampleId :

FB_092217

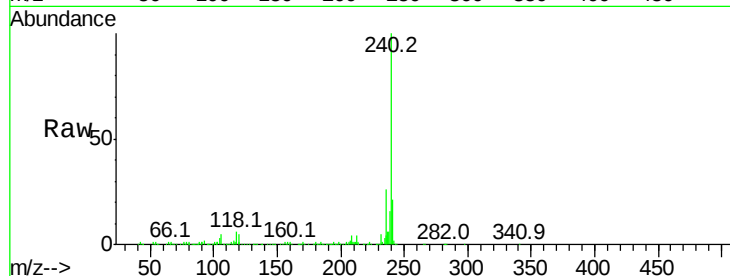
Tot Ion:240 Resp: 403575

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

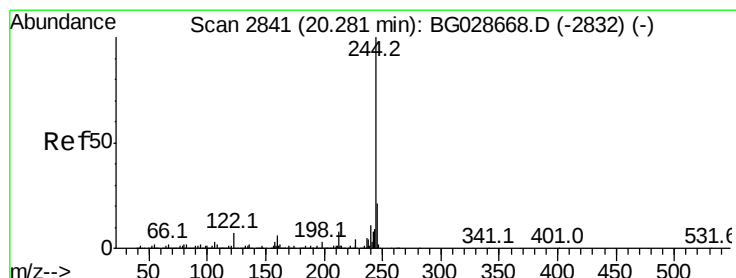
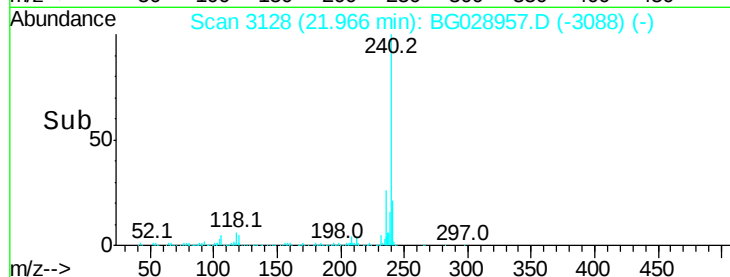
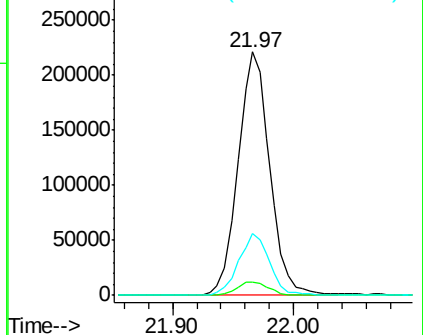
236 25.6 22.2 33.4



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: 76.214 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028957.D

Acq: 28 Sep 2017 00:23

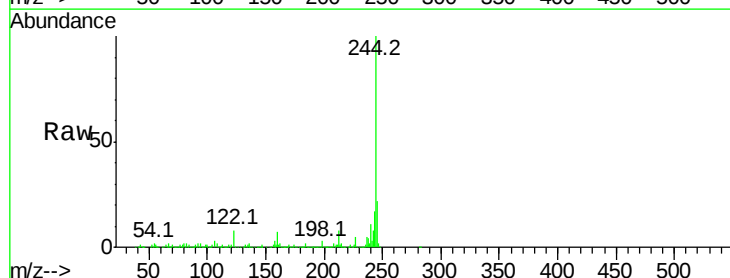
Tgt Ion:244 Resp: 1442299

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

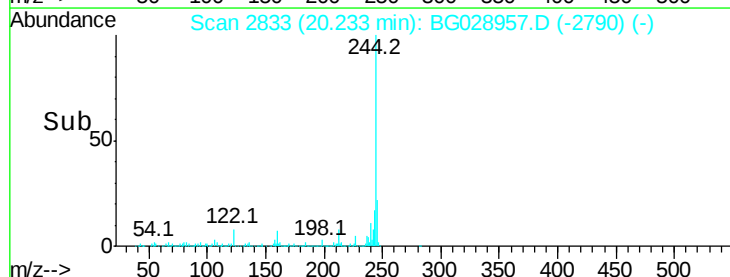
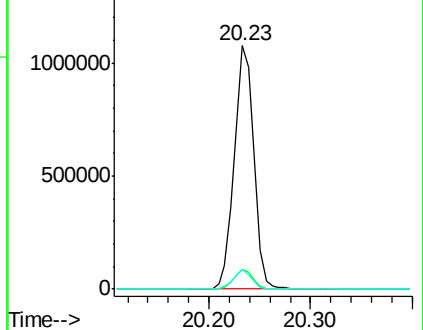
122 7.9 8.6 12.8#

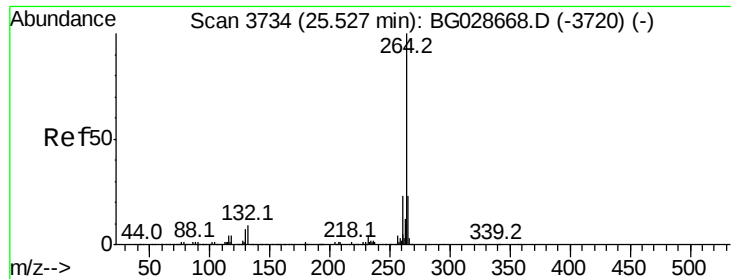


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

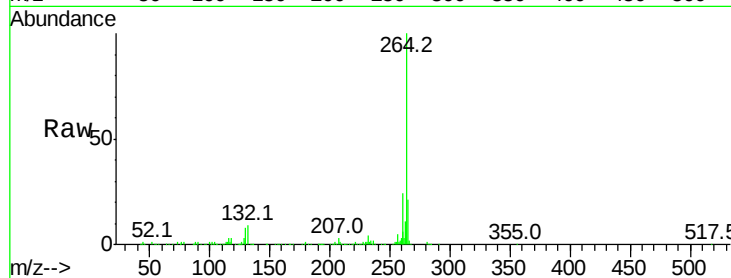




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028957.D
Acq: 28 Sep 2017 00:23

Instrument :
BNA_G
ClientSampleId :
FB_092217

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.2	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

