

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028913.D
 Acq On : 25 Sep 2017 18:34
 Operator : SJ/JU
 Sample : I5301-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170604-COMP-A

Quant Time: Sep 26 02:08:18 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

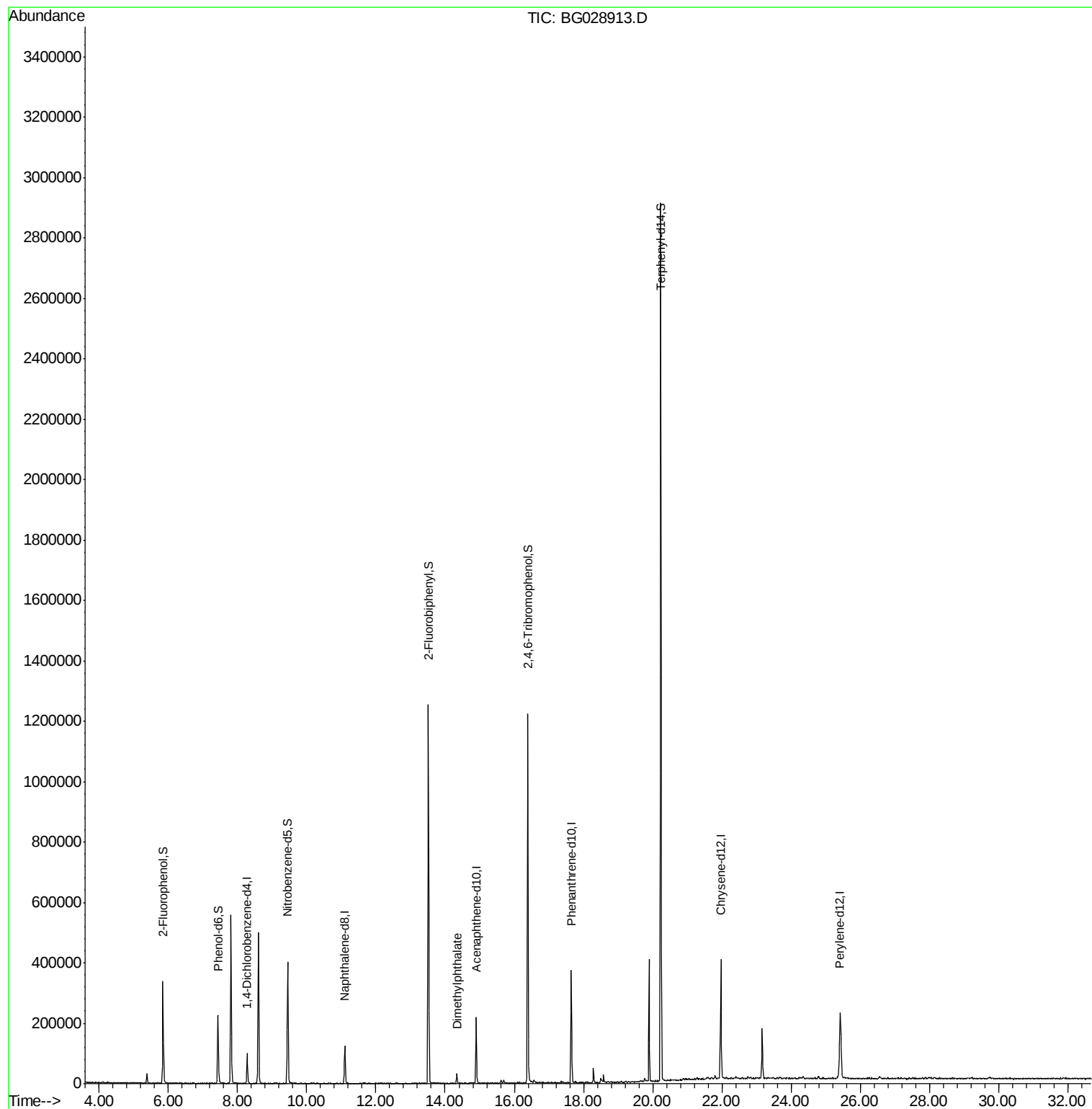
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29455	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	111379	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	78990	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	239415	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	278670	20.00	ng	-0.06
86) Perylene-d12	25.42	264	284762	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	145224	81.35	ng	-0.05
7) Phenol-d6	7.43	99	142111	52.87	ng	-0.06
23) Nitrobenzene-d5	9.45	82	260591	111.92	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	266431	203.94	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	684754	115.59	ng	-0.05
78) Terphenyl-d14	20.23	244	1380934	105.68	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	14.34	163	25274	3.816	ng	97

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

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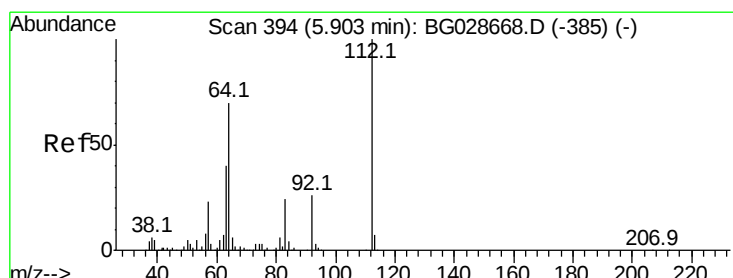
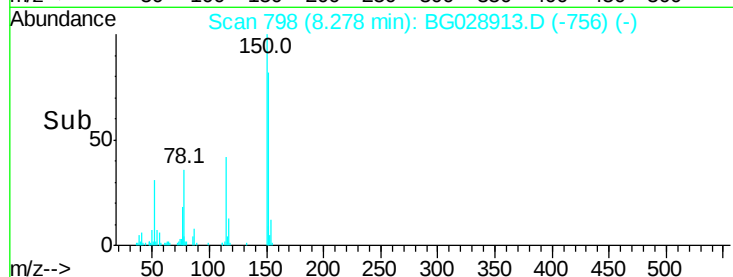
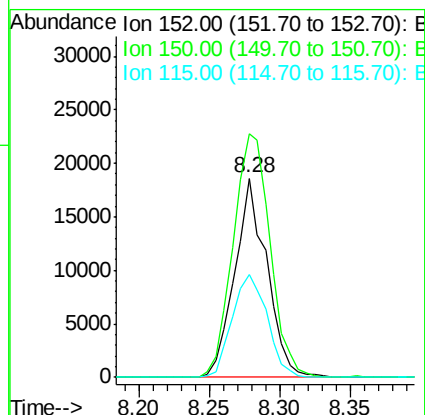
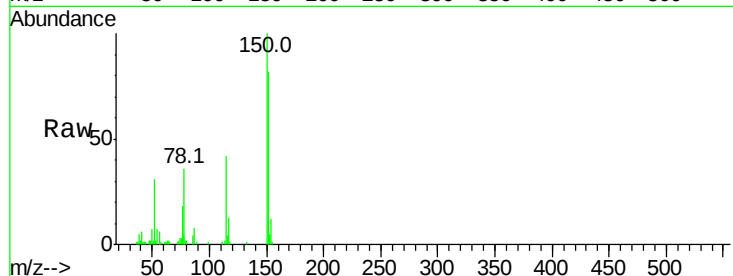


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Instrument :
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ClientSampleId :
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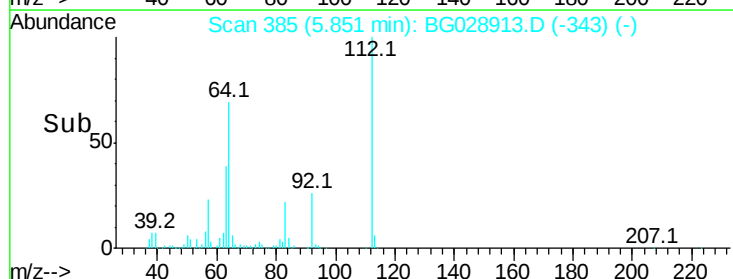
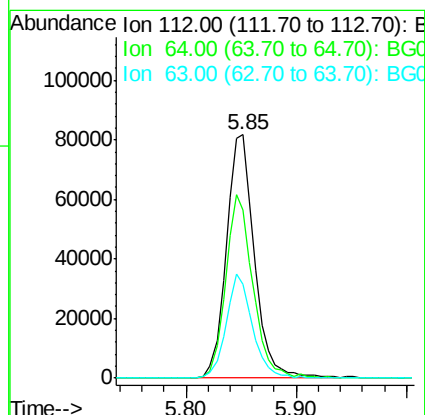
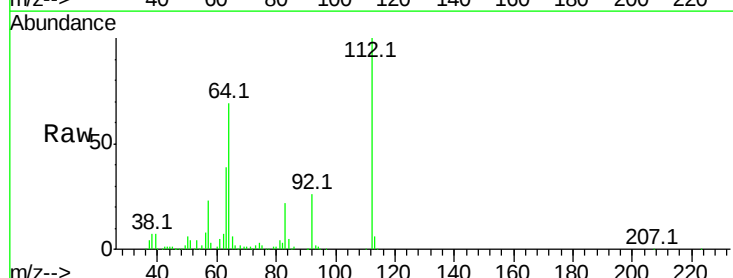
Tot Ion:152 Resp: 29455
Ion Ratio Lower Upper
152 100
150 122.3 114.0 171.0
115 51.3 48.1 72.1

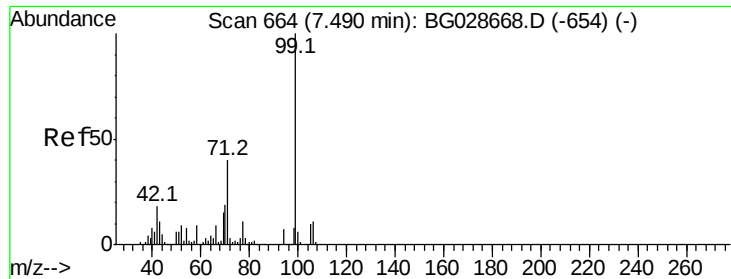


#5

2-Fluorophenol
Concen: 81.353 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Tgt Ion:112 Resp: 145224
Ion Ratio Lower Upper
112 100
64 68.8 61.8 92.6
63 38.6 37.2 55.8





#7

Phenol-d6

Concen: 52.875 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampleId :

20170604-COMP-A

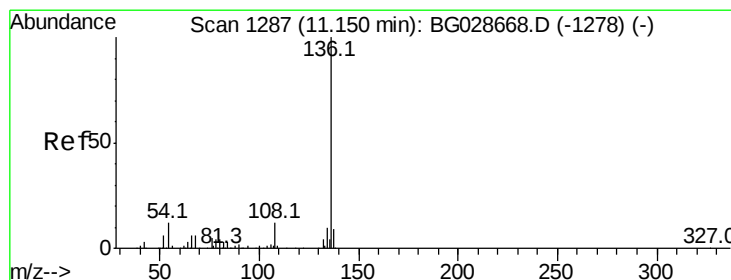
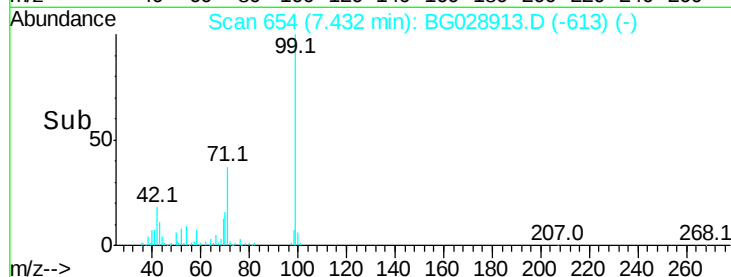
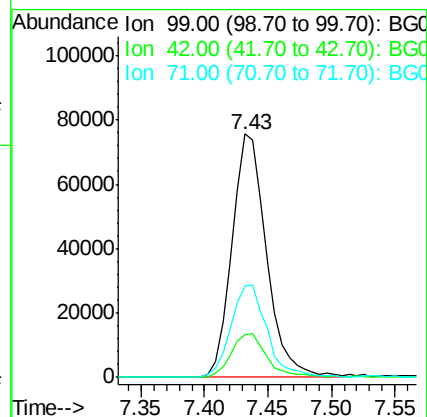
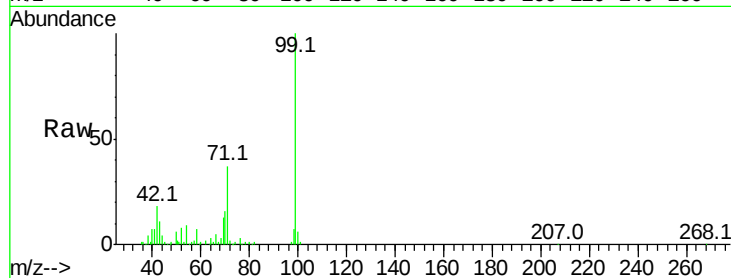
Tot Ion: 99 Resp: 142111

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

71 37.4 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Tgt Ion: 136 Resp: 111379

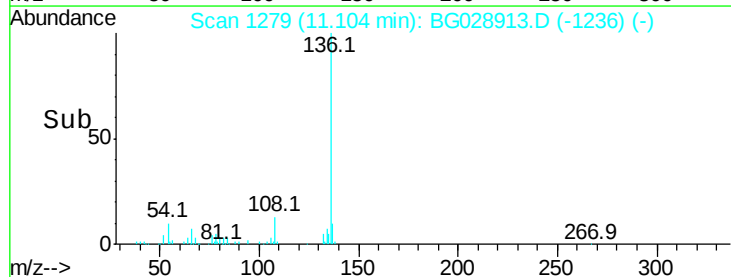
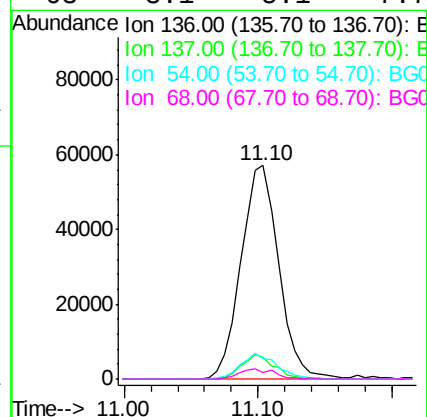
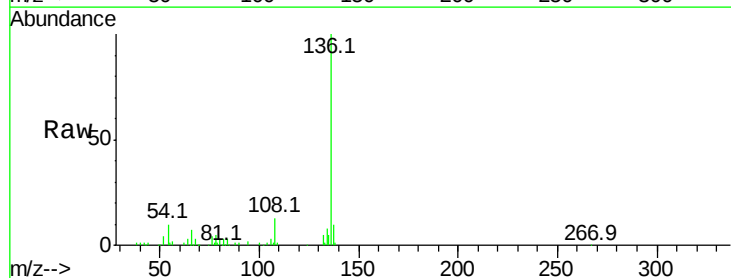
Ion Ratio Lower Upper

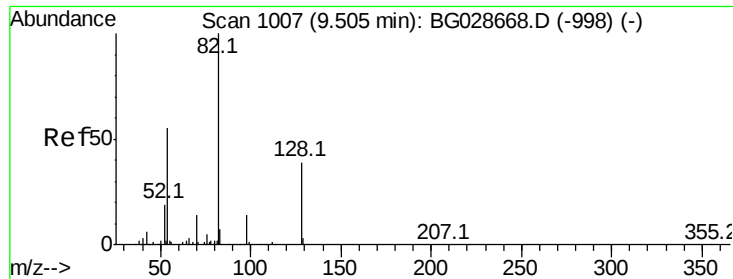
136 100

137 10.5 8.9 13.3

54 9.8 9.3 13.9

68 3.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 111.924 ng

RT: 9.45 min Scan# 997

Delta R.T. -0.06 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampleId :

20170604-COMP-A

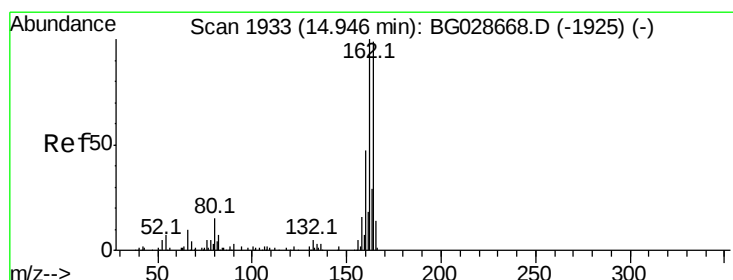
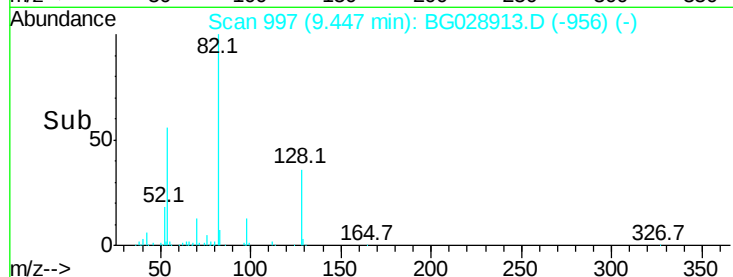
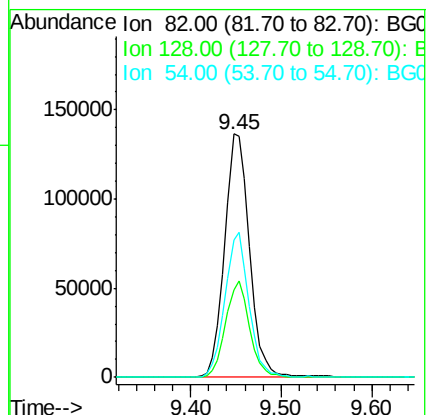
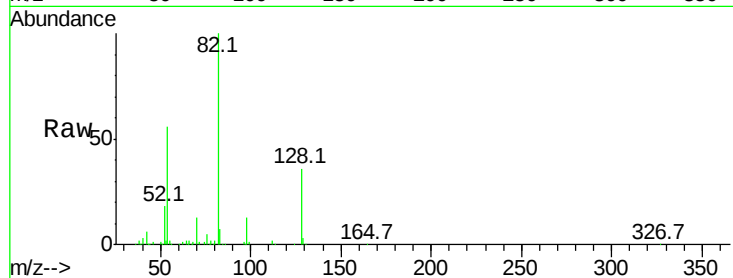
Tot Ion: 82 Resp: 260591

Ion Ratio Lower Upper

82 100

128 35.9 26.4 39.6

54 56.3 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

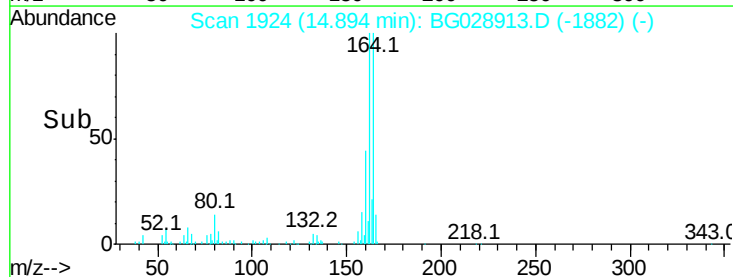
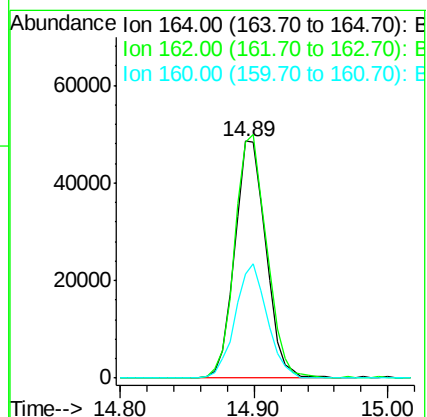
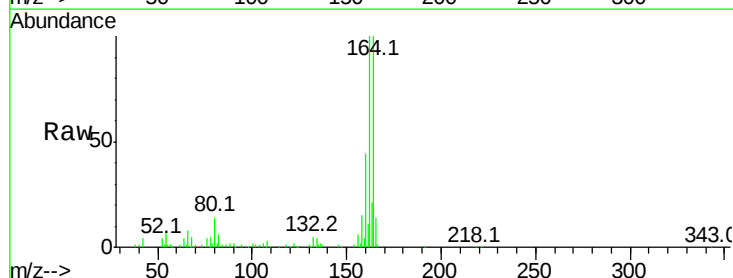
Tgt Ion: 164 Resp: 78990

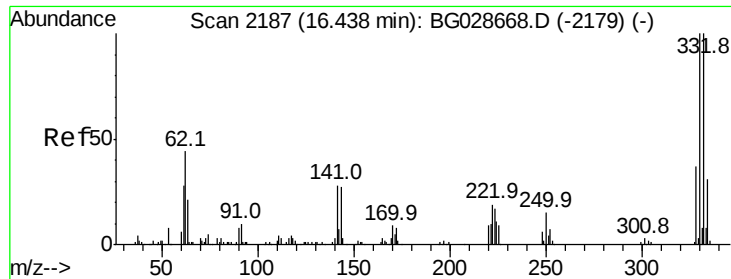
Ion Ratio Lower Upper

164 100

162 99.5 85.1 127.7

160 43.9 34.7 52.1

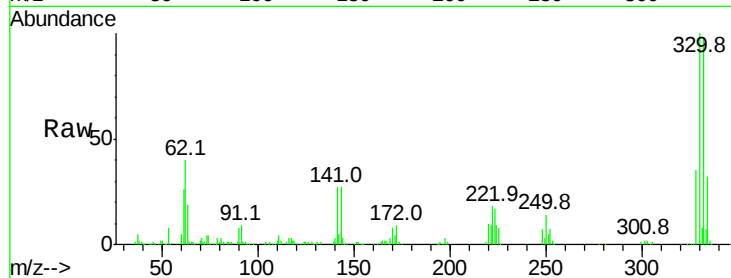




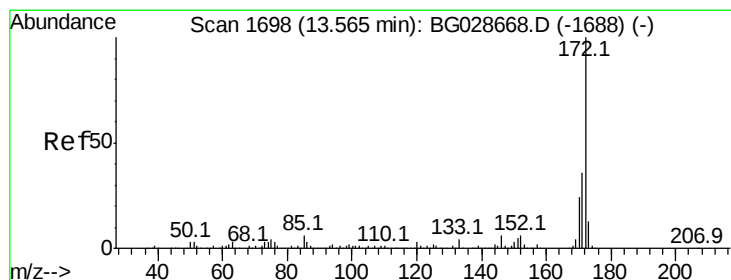
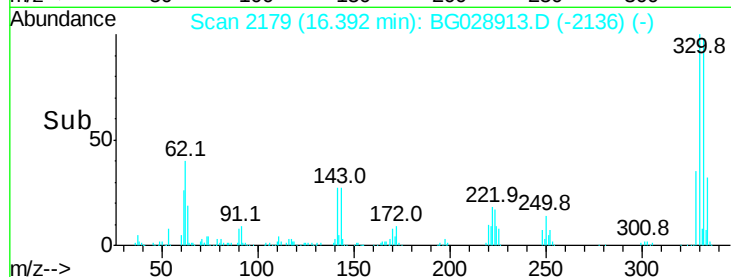
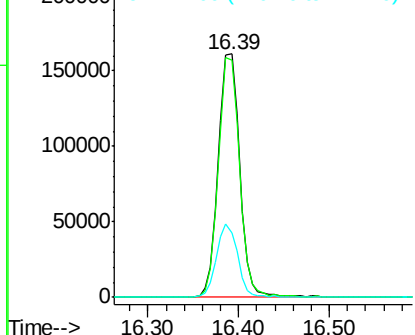
#41
 2,4,6-Tribromophenol
 Concen: 203.936 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028913.D
 Acq: 25 Sep 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 20170604-COMP-A

Tot Ion:330 Resp: 266431
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 29.7 32.1 48.1#

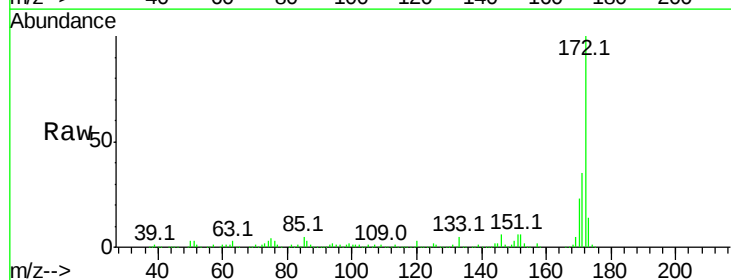


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

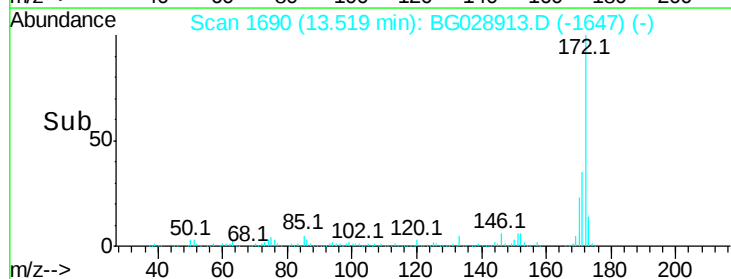
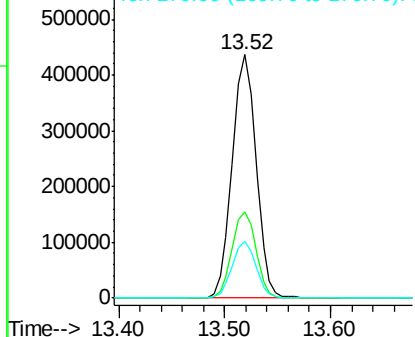


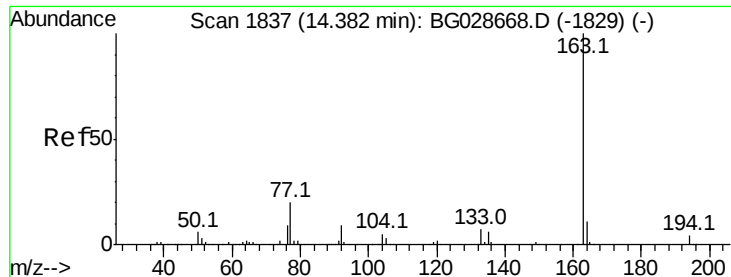
#44
 2-Fluorobiphenyl
 Concen: 115.593 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028913.D
 Acq: 25 Sep 2017 18:34

Tgt Ion:172 Resp: 684754
 Ion Ratio Lower Upper
 172 100
 171 35.4 32.2 48.2
 170 23.1 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: 3.816 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampleId :

20170604-COMP-A

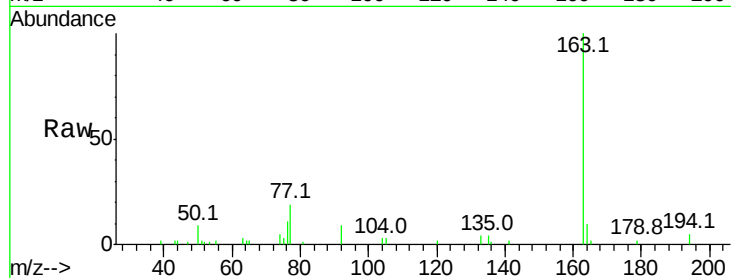
Tot Ion:163 Resp: 25274

Ion Ratio Lower Upper

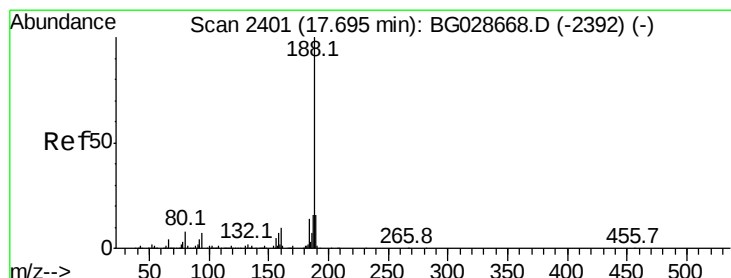
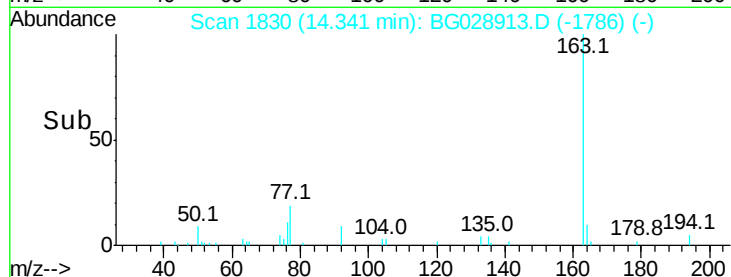
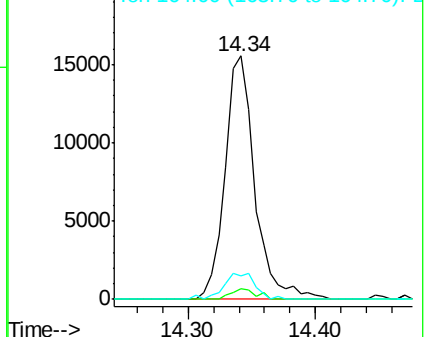
163 100

194 4.6 3.8 5.6

164 9.8 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: BG028913.D

Acq: 25 Sep 2017 18:34

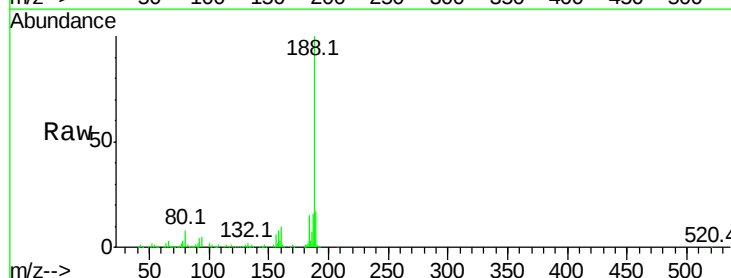
Tgt Ion:188 Resp: 239415

Ion Ratio Lower Upper

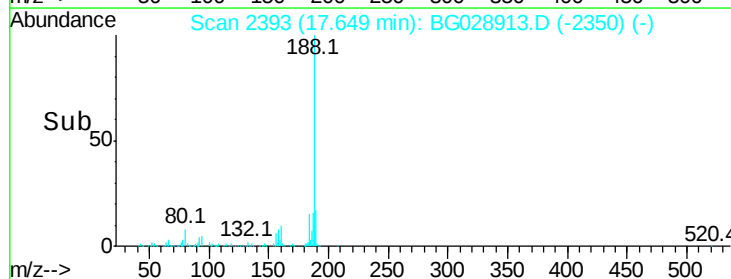
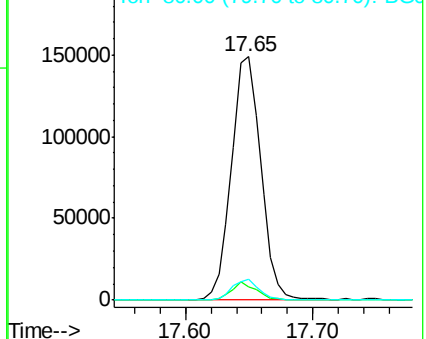
188 100

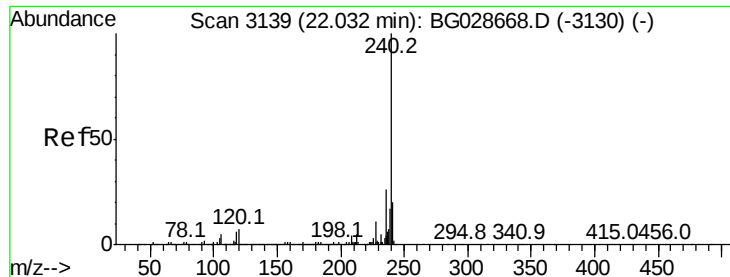
94 5.4 5.8 8.8#

80 8.4 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. -0.06 min

Lab File: BG028913.D

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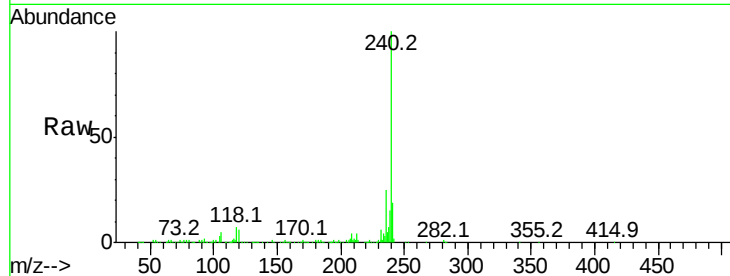
Tot Ion:240 Resp: 278670

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

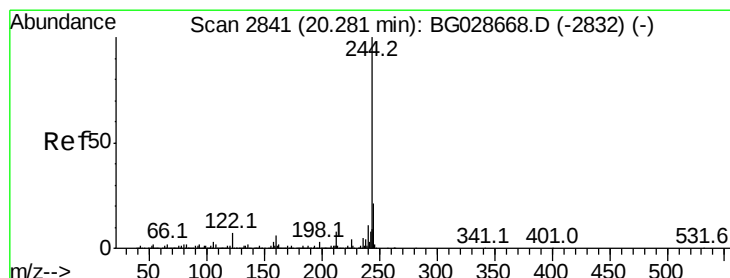
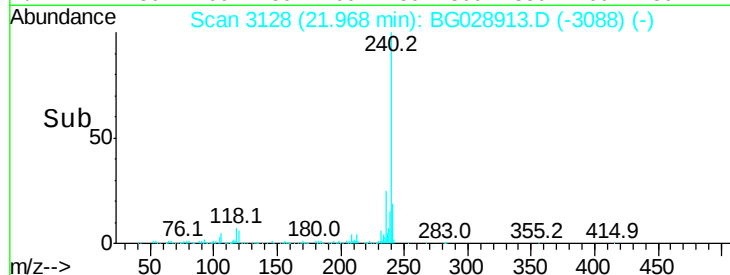
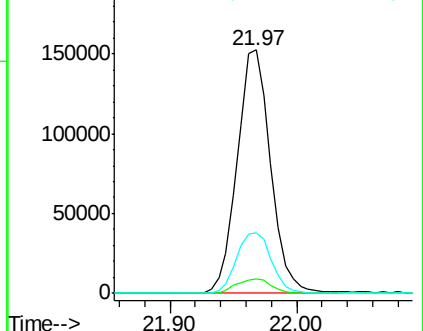
236 24.6 22.2 33.4



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: 105.678 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

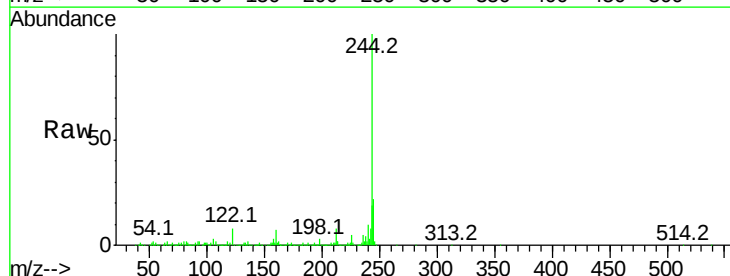
Tgt Ion:244 Resp: 1380934

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

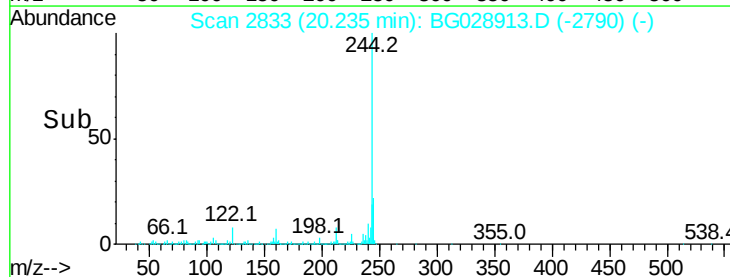
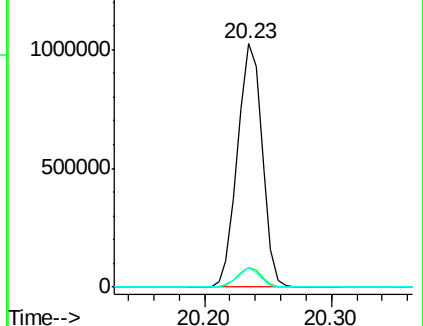
122 8.0 8.6 12.8#

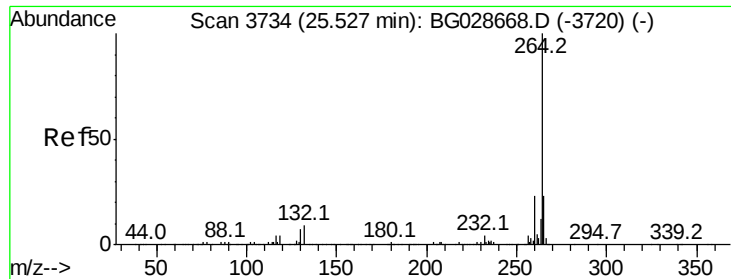


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG028913.D
 Acq: 25 Sep 2017 18:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.9	18.2	27.4

