

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
 Data File : BG028965.D
 Acq On : 28 Sep 2017 18:16
 Operator : SJ/JU
 Sample : I5463-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092717-TIDO-E-D-M

Quant Time: Sep 29 05:45:37 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

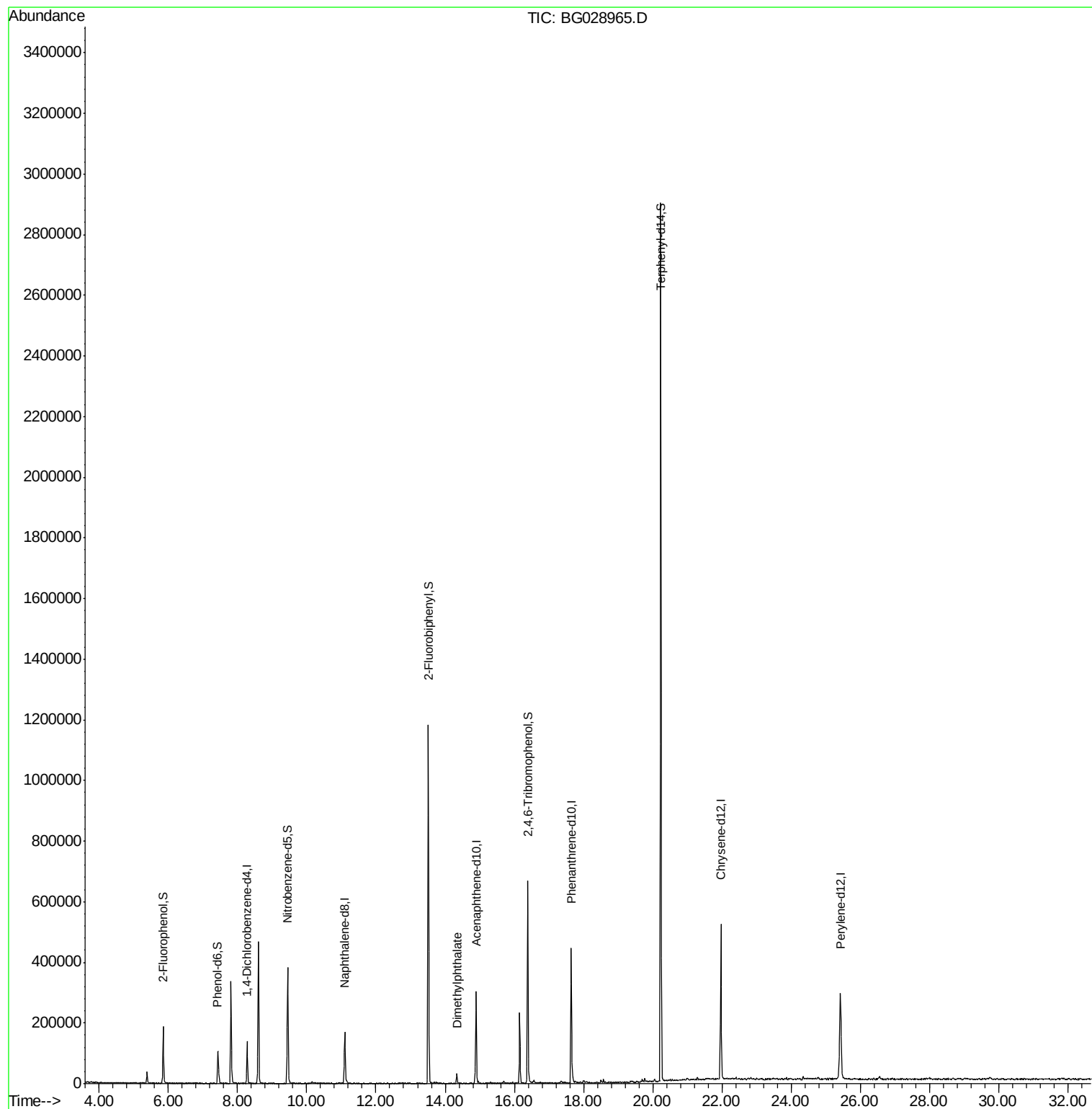
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37418	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	150506	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	111709	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	292389	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	362882	20.00	ng	-0.07
86) Perylene-d12	25.42	264	365623	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	84739	37.37	ng	-0.05
7) Phenol-d6	7.44	99	71706	21.00	ng	-0.05
23) Nitrobenzene-d5	9.45	82	249856	79.42	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	145653	78.83	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	673731	80.42	ng	-0.05
78) Terphenyl-d14	20.23	244	1459931	85.80	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.33	163	25023	2.671	ng	Qvalue # 96

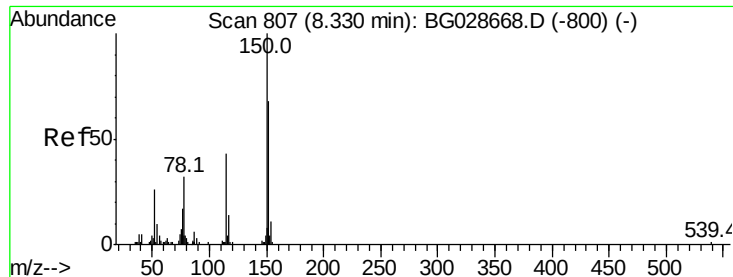
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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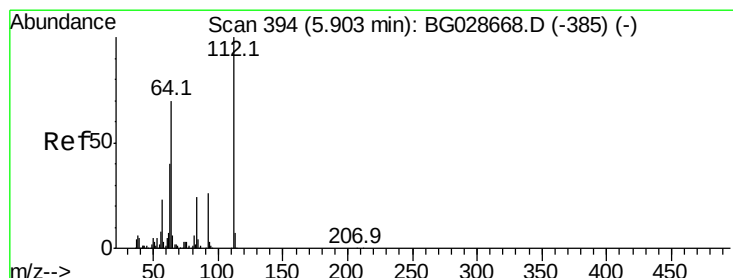
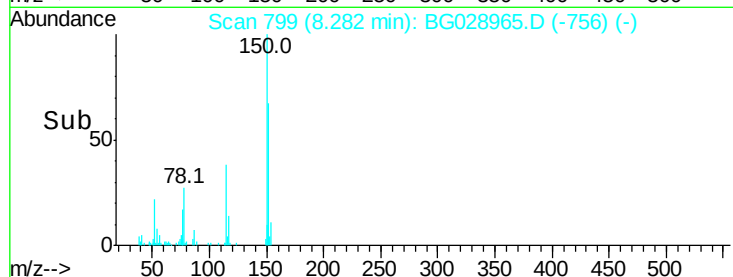
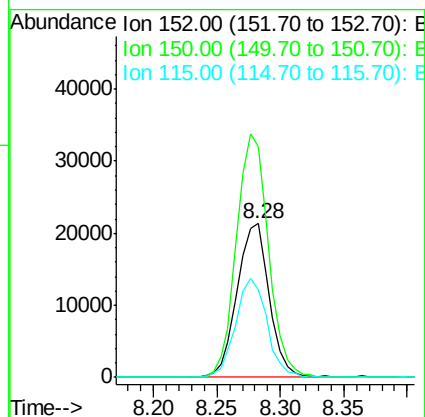
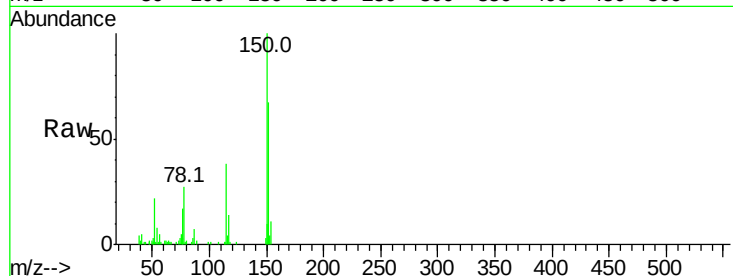


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :
092717-TIDO-E-D-M

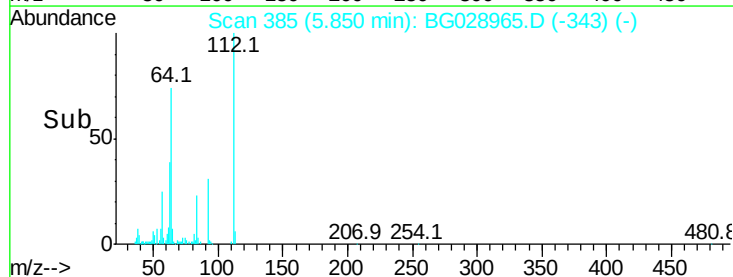
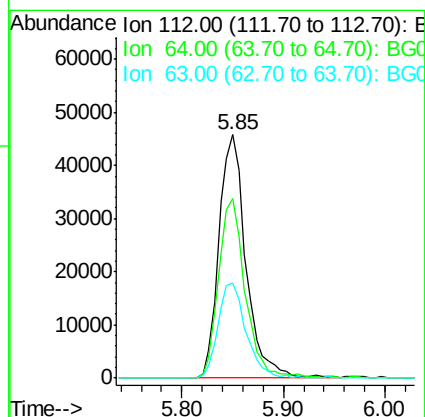
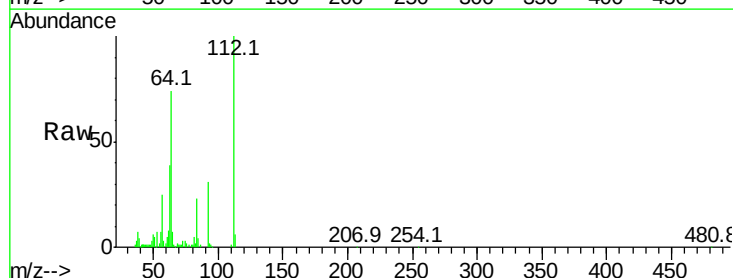
Tot Ion:152 Resp: 37418
Ion Ratio Lower Upper
152 100
150 150.2 114.0 171.0
115 57.1 48.1 72.1

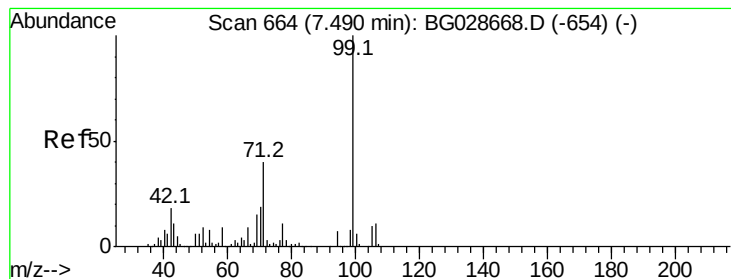


#5

2-Fluorophenol
Concen: 37.368 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:112 Resp: 84739
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 39.2 37.2 55.8





#7

Phenol-d6

Concen: 21.002 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

092717-TIDO-E-D-M

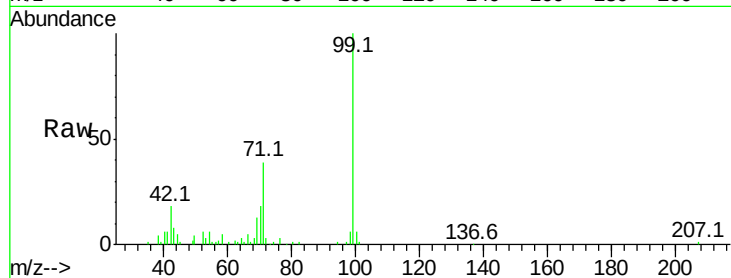
Tot Ion: 99 Resp: 71706

Ion Ratio Lower Upper

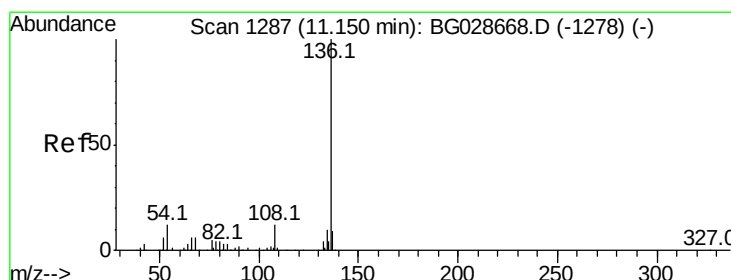
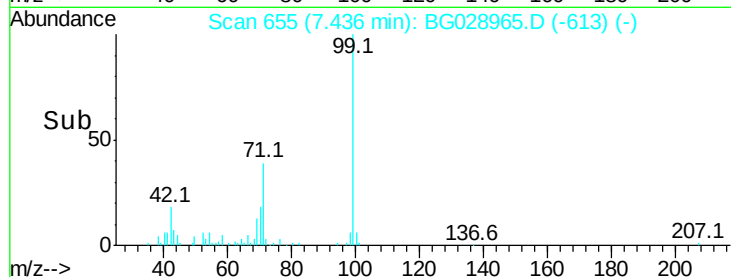
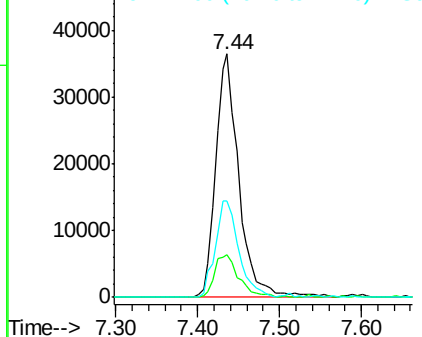
99 100

42 17.7 20.5 30.7#

71 39.3 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# 1278

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Tgt Ion: 136 Resp: 150506

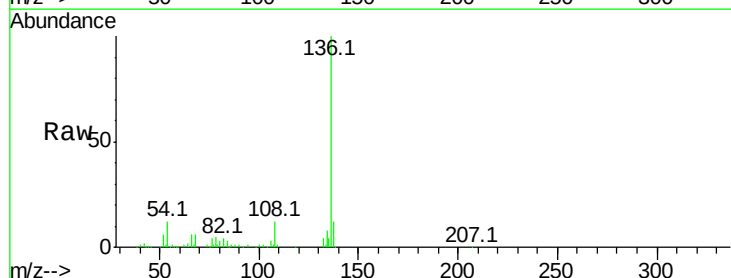
Ion Ratio Lower Upper

136 100

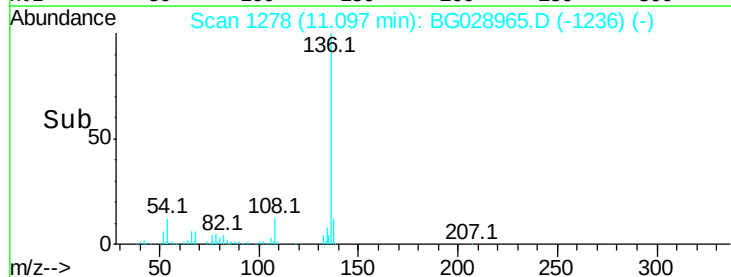
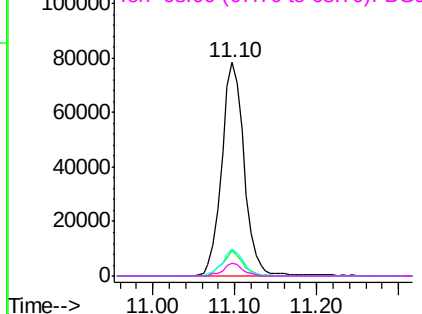
137 11.8 8.9 13.3

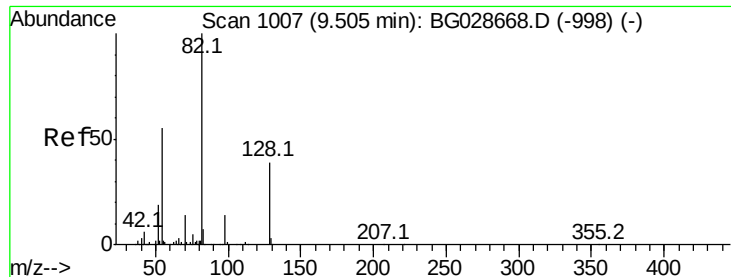
54 12.3 9.3 13.9

68 6.0 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: 79.415 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

092717-TIDO-E-D-M

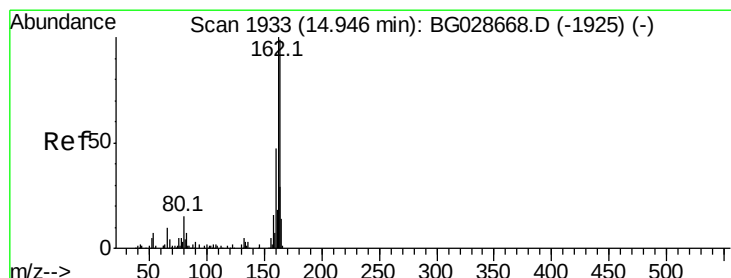
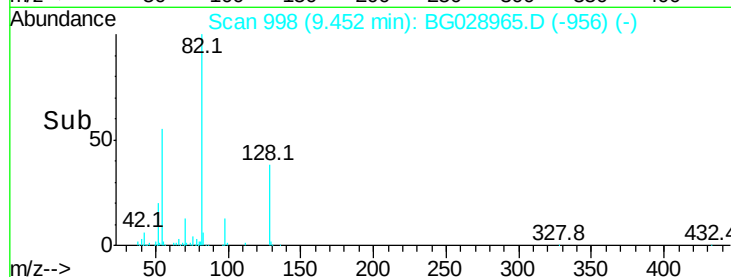
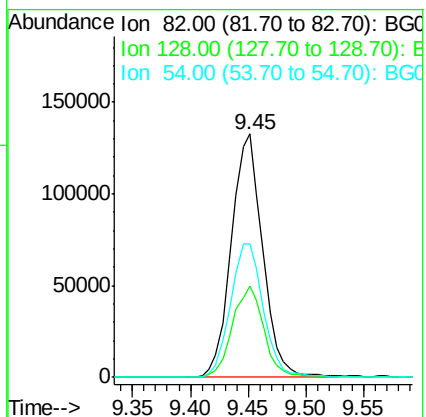
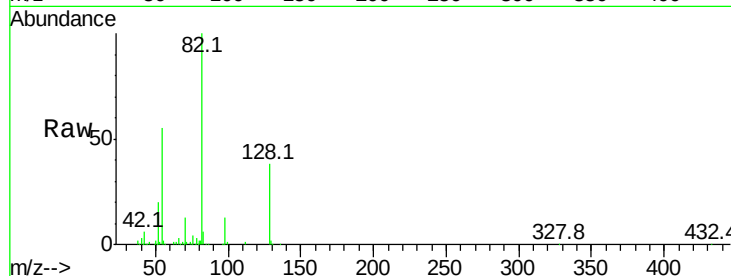
Tot Ion: 82 Resp: 249856

Ion Ratio Lower Upper

82 100

128 37.5 26.4 39.6

54 54.8 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: BG028965.D

Acq: 28 Sep 2017 18:16

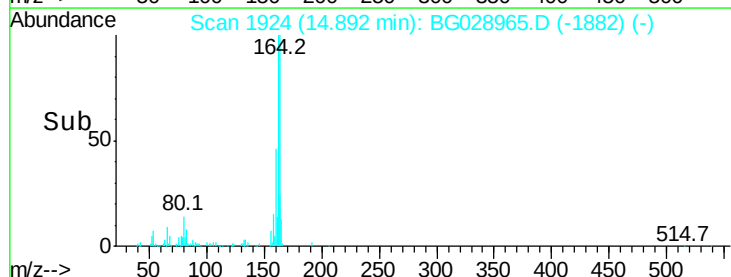
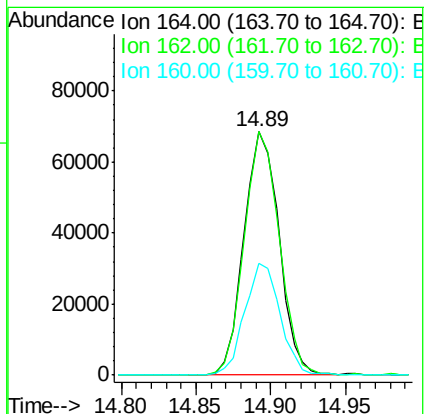
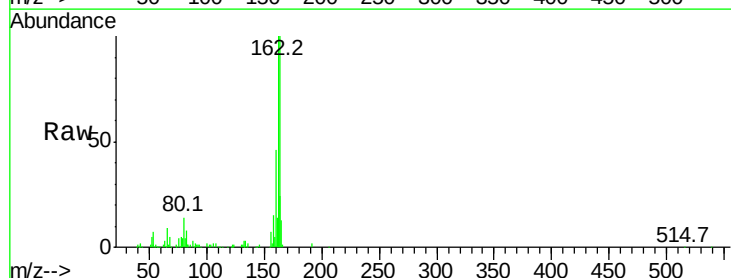
Tgt Ion: 164 Resp: 111709

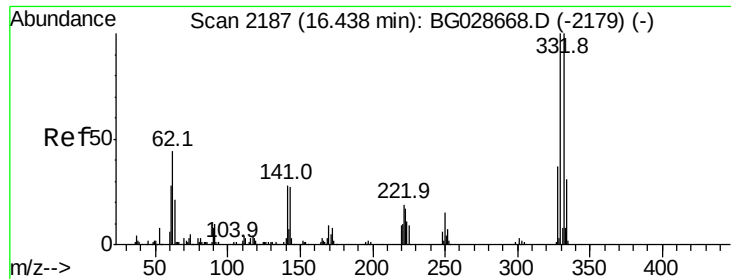
Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

160 46.2 34.7 52.1

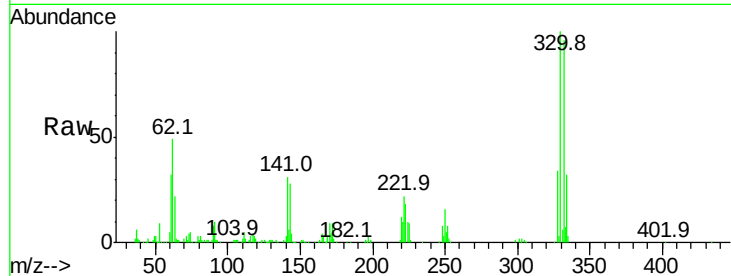




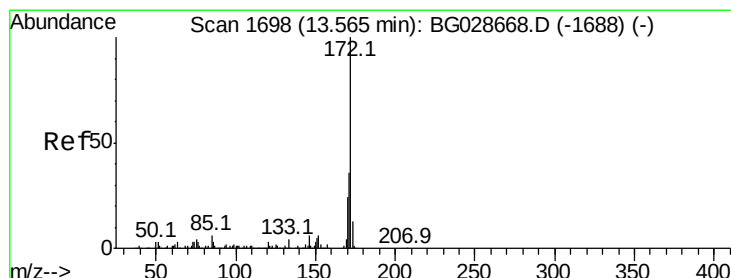
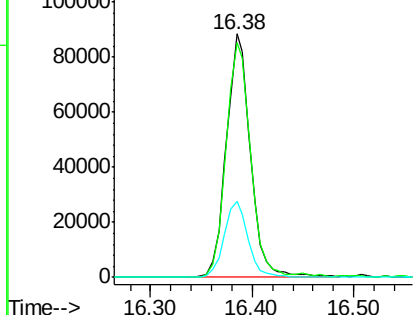
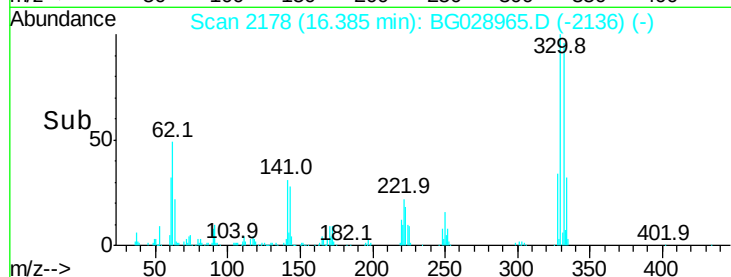
#41
 2,4,6-Tribromophenol
 Concen: 78.834 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

Instrument :
 BNA_G
 ClientSampleId :
 092717-TIDO-E-D-M

Tot Ion:330 Resp: 145653
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 31.2 32.1 48.1#

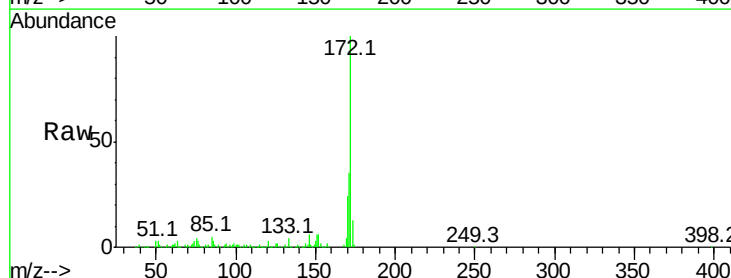


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

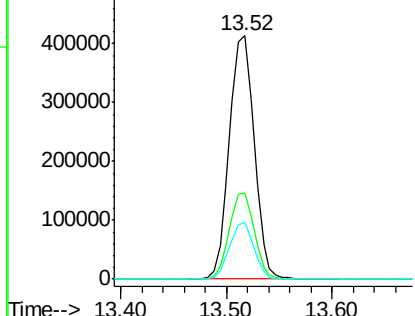
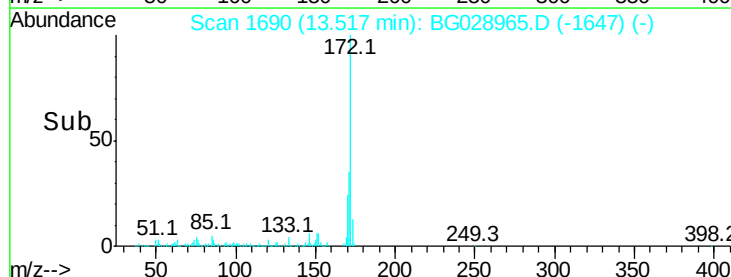


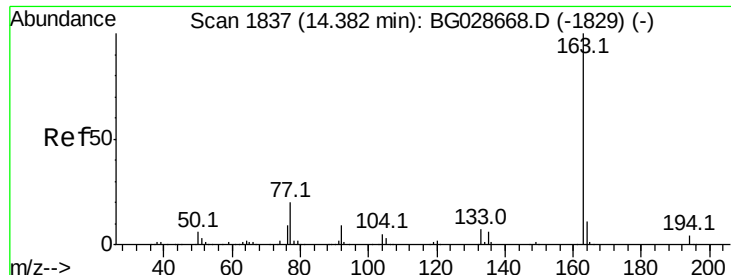
#44
 2-Fluorobiphenyl
 Concen: 80.420 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

Tgt Ion:172 Resp: 673731
 Ion Ratio Lower Upper
 172 100
 171 35.3 32.2 48.2
 170 23.5 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: 2.671 ng

RT: 14.33 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

092717-TIDO-E-D-M

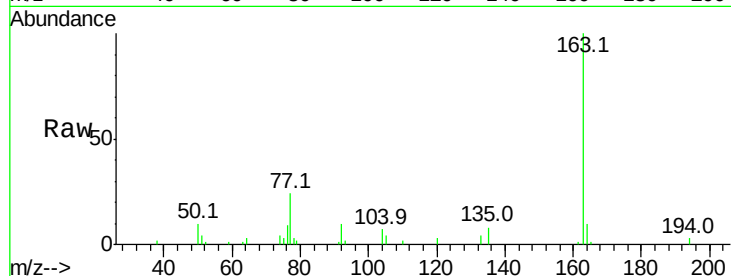
Tot Ion:163 Resp: 25023

Ion Ratio Lower Upper

163 100

194 2.7 3.8 5.6#

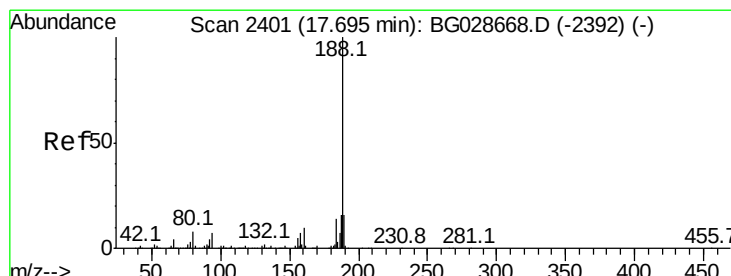
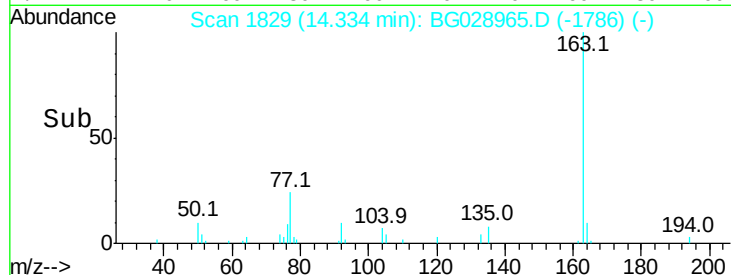
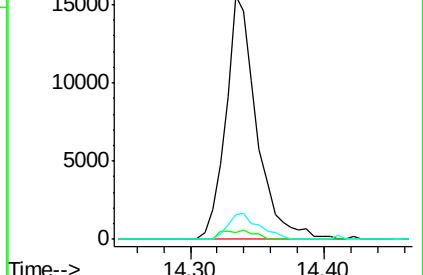
164 10.4 9.3 13.9



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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

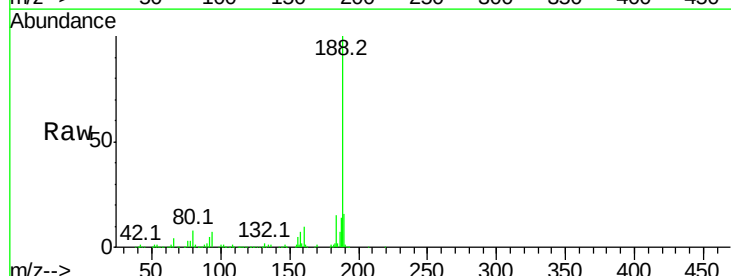
Tgt Ion:188 Resp: 292389

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

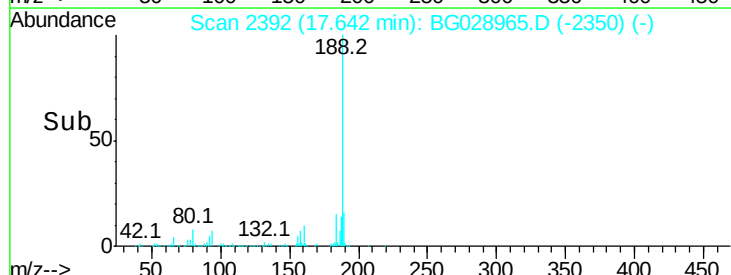
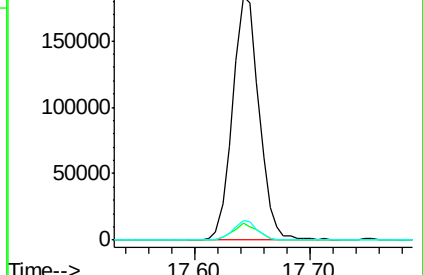
80 8.2 7.5 11.3

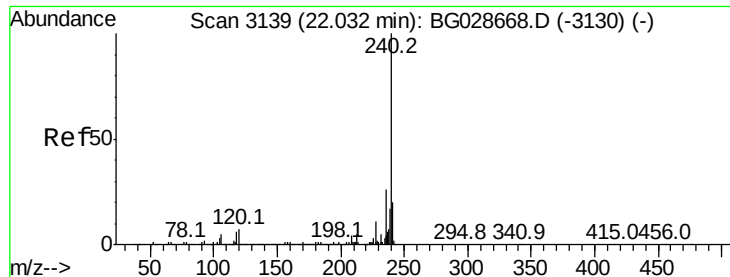


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

092717-TIDO-E-D-M

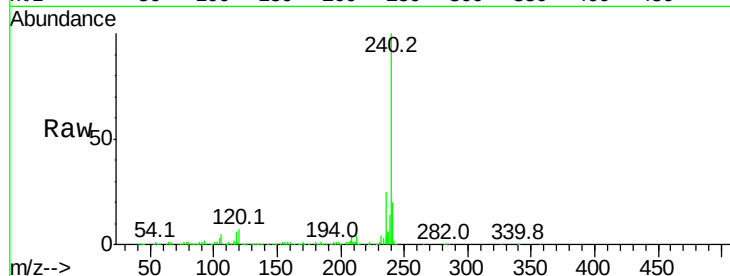
Tot Ion:240 Resp: 362882

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

236 25.4 22.2 33.4

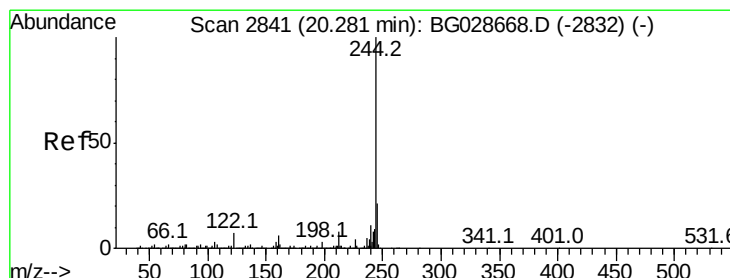
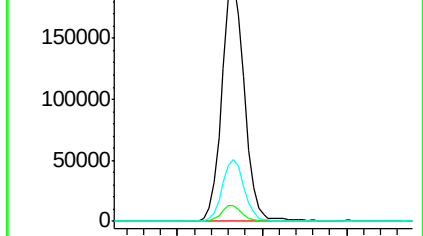
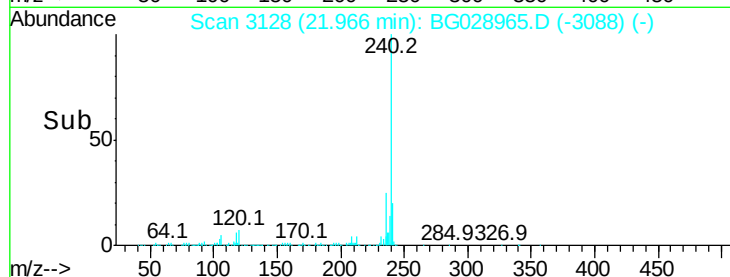


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 85.796 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

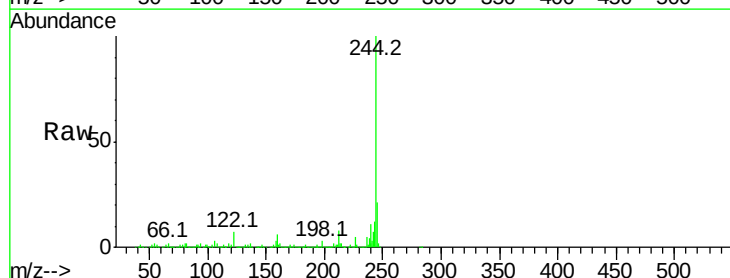
Tgt Ion:244 Resp: 1459931

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

122 7.2 8.6 12.8#

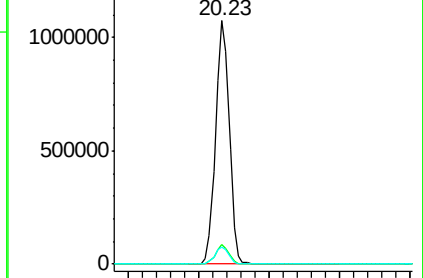
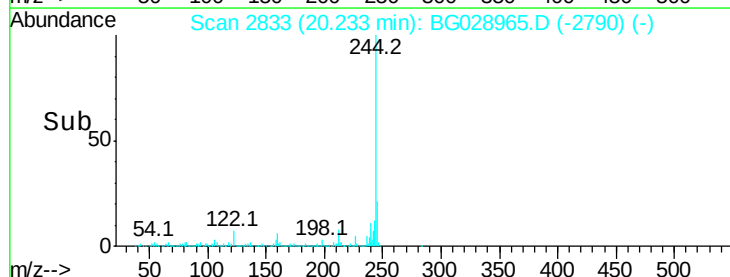


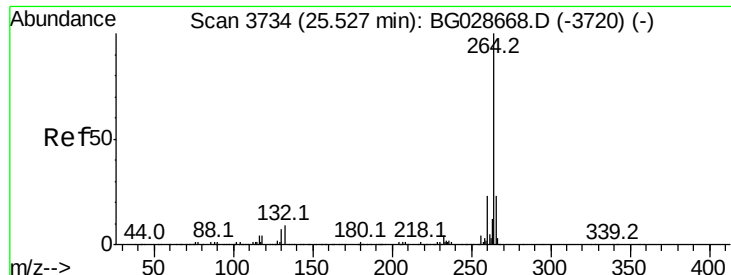
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->

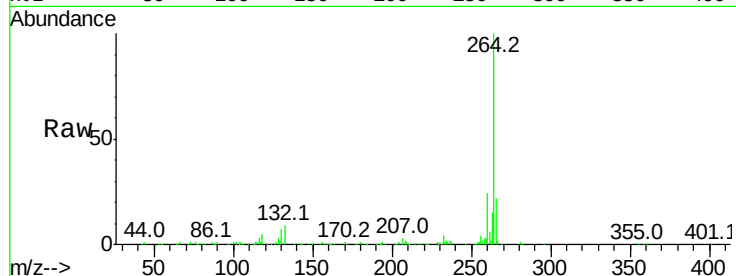




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :
092717-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	22.0	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

