

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028882.D
 Acq On : 22 Sep 2017 20:00
 Operator : SJ/JU
 Sample : I5301-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170606-COMP-C

Quant Time: Sep 23 00:04:25 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

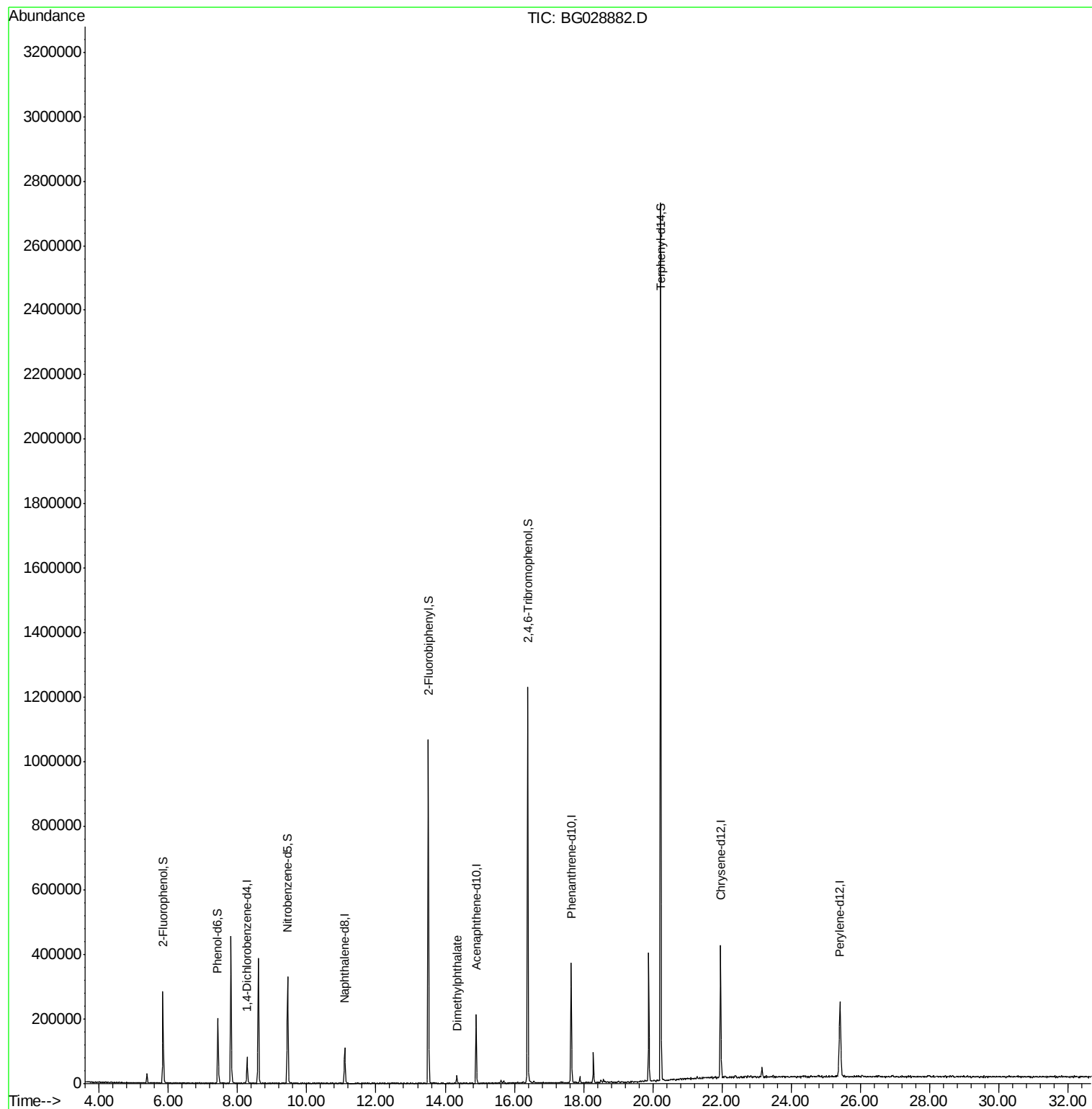
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23862	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	94618	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	75918	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	240675	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	287335	20.00	ng	-0.07
86) Perylene-d12	25.41	264	292918	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	126207	87.27	ng	-0.05
7) Phenol-d6	7.43	99	122962	56.47	ng	-0.06
23) Nitrobenzene-d5	9.45	82	216415	109.42	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	256119	203.98	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	588613	103.38	ng	-0.05
78) Terphenyl-d14	20.23	244	1325070	98.35	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.33	163	18562	2.916	ng	Qvalue # 93

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

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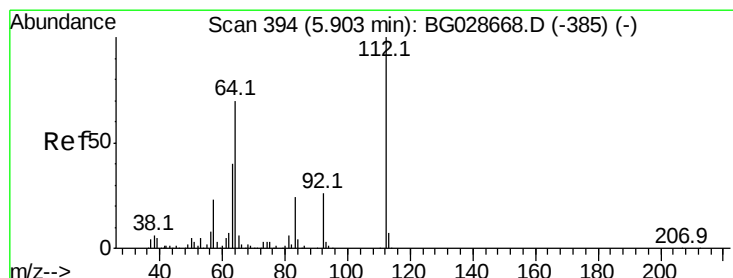
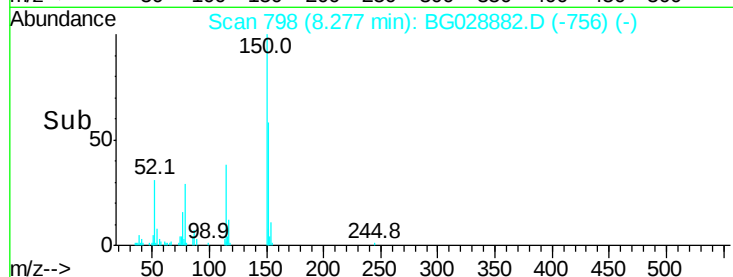
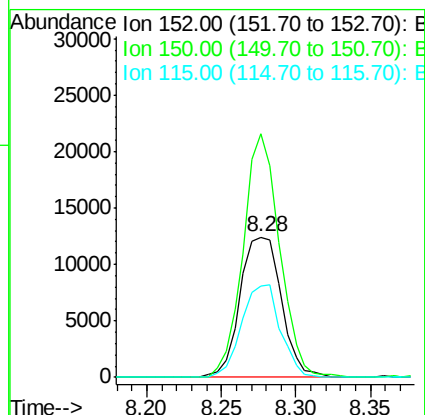
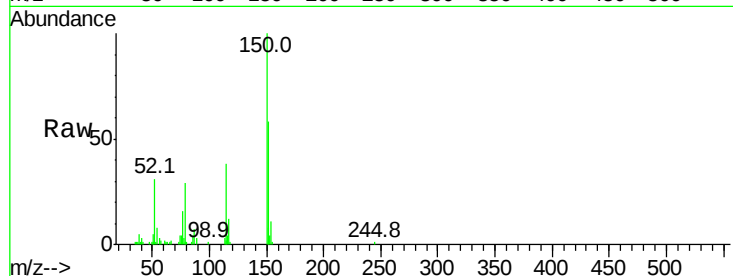


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Instrument :
BNA_G
ClientSampleId :
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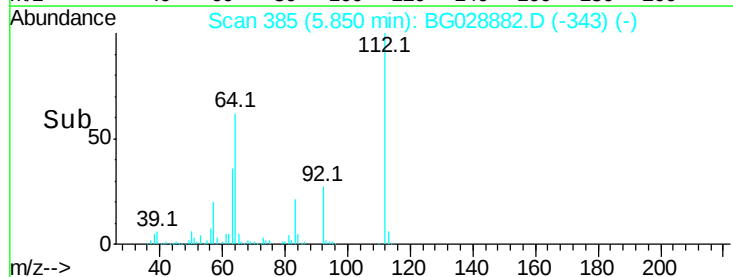
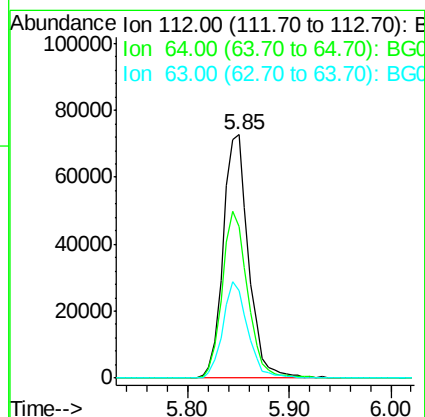
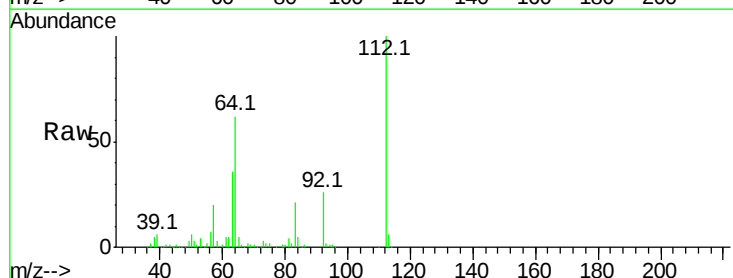
Tot Ion	Ratio	Lower	Upper
152	100		
150	173.5	114.0	171.0#
115	65.2	48.1	72.1

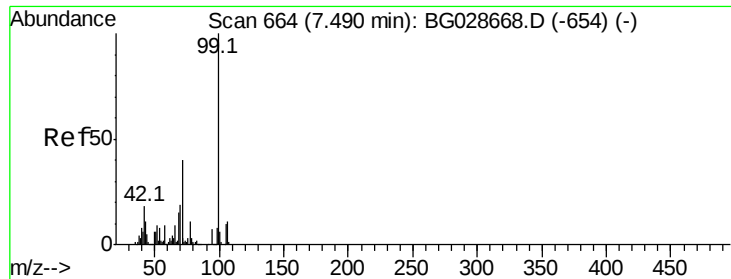


#5

2-Fluorophenol
Concen: 87.272 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	61.8	92.6
63	36.0	37.2	55.8#





#7

Phenol-d6

Concen: 56.474 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

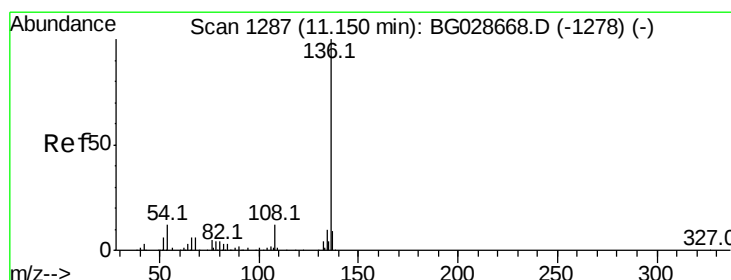
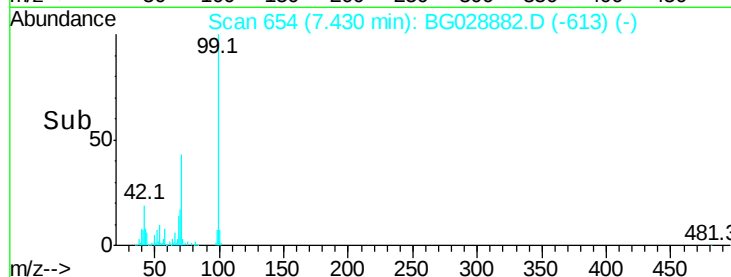
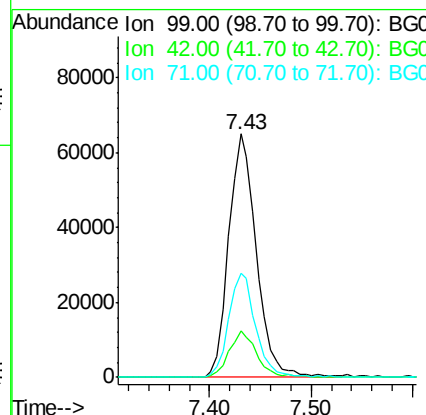
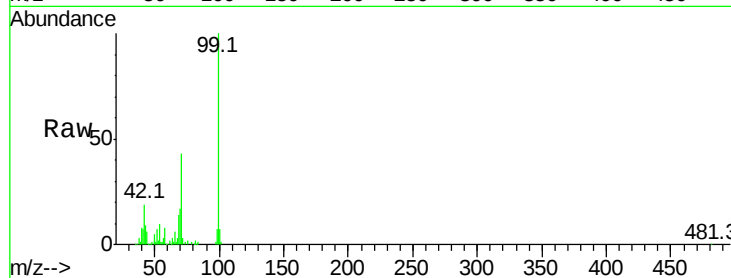
Tot Ion: 99 Resp: 122962

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

71 42.5 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: BG028882.D

Acq: 22 Sep 2017 20:00

Tgt Ion: 136 Resp: 94618

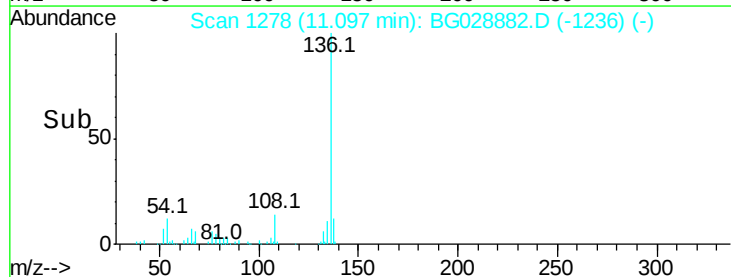
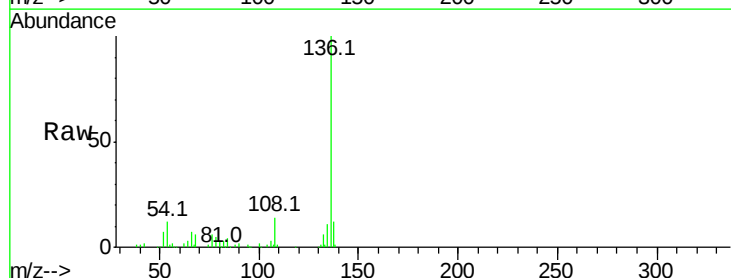
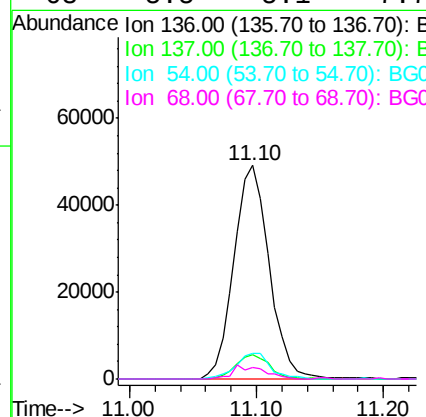
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 12.3 9.3 13.9

68 5.5 5.1 7.7

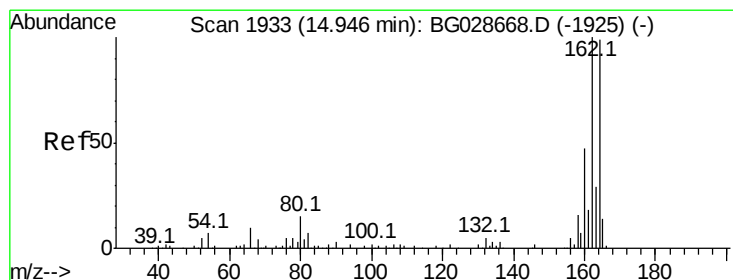
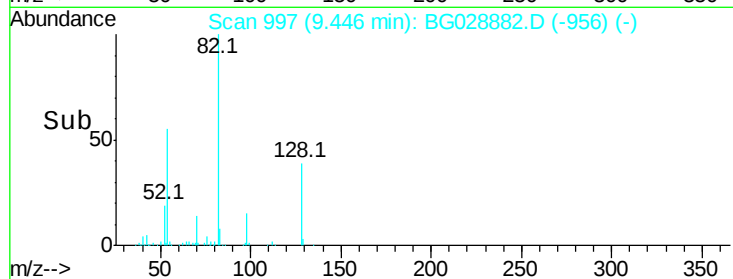
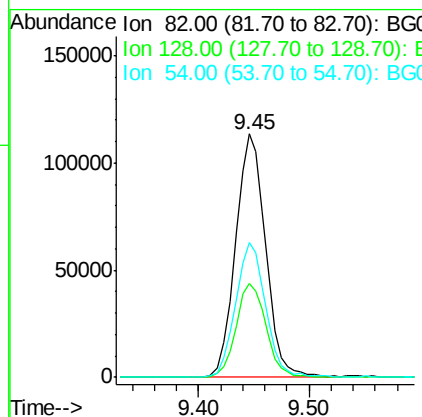
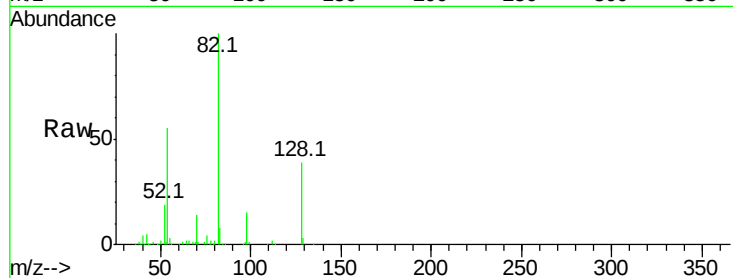




#23
 Nitrobenzene-d5
 Concen: 109.416 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028882.D
 Acq: 22 Sep 2017 20:00

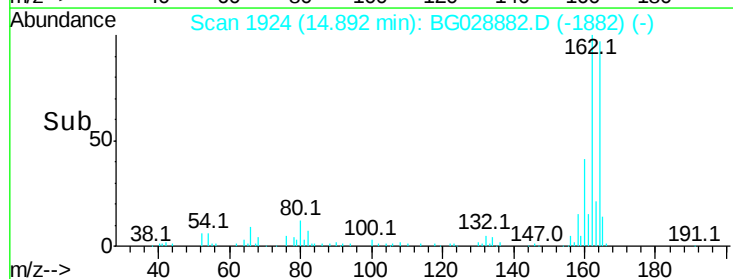
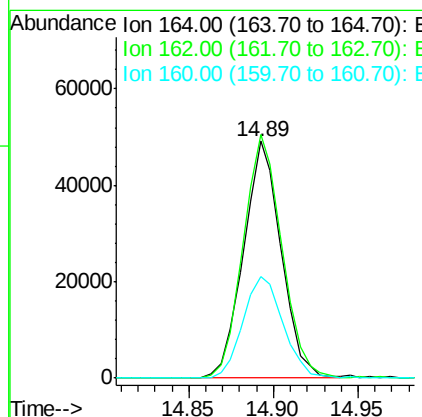
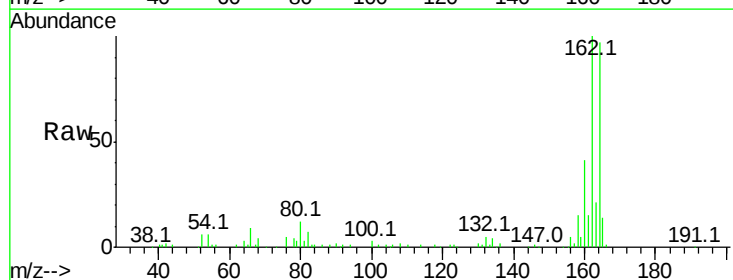
Instrument :
 BNA_G
 ClientSampleId :
 20170606-COMP-C

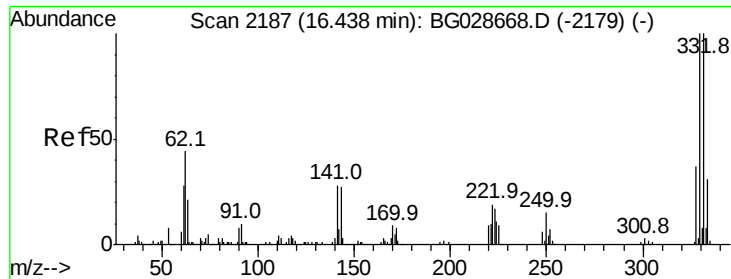
Tot Ion	82	Resp	216415
Ion Ratio	100	Lower	Upper
128	38.7	26.4	39.6
54	55.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028882.D
 Acq: 22 Sep 2017 20:00

Tgt Ion	164	Resp	75918
Ion Ratio	100	Lower	Upper
162	102.8	85.1	127.7
160	42.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 203.975 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

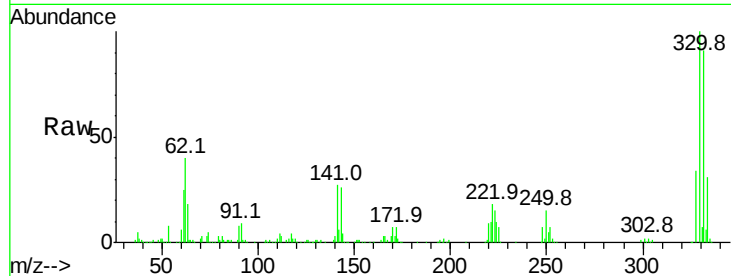
Tot Ion:330 Resp: 256119

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

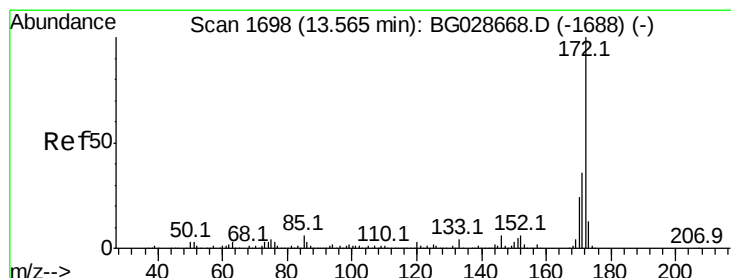
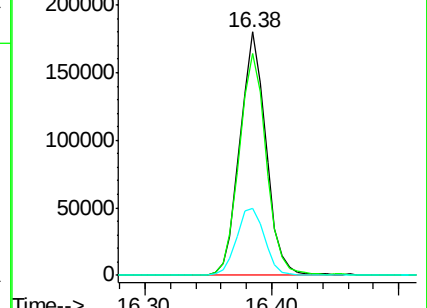
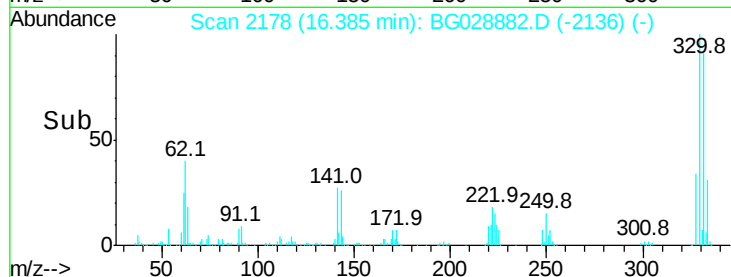
141 29.8 32.1 48.1#



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: 103.384 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

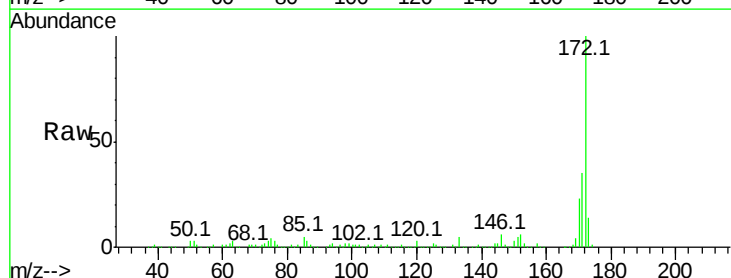
Tgt Ion:172 Resp: 588613

Ion Ratio Lower Upper

172 100

171 35.0 32.2 48.2

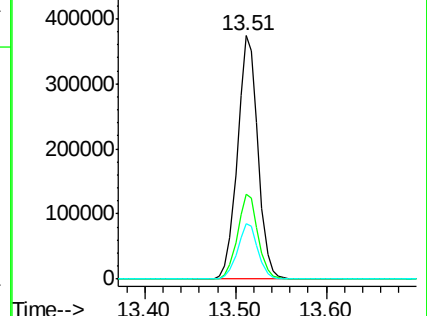
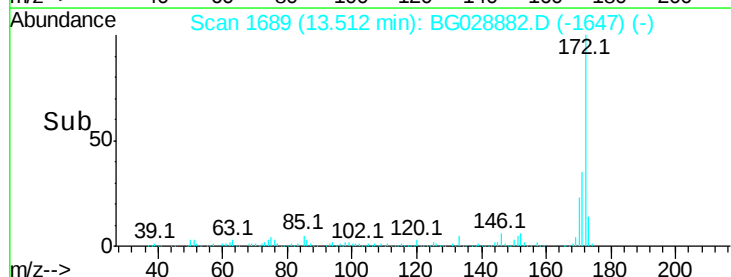
170 22.8 21.8 32.6

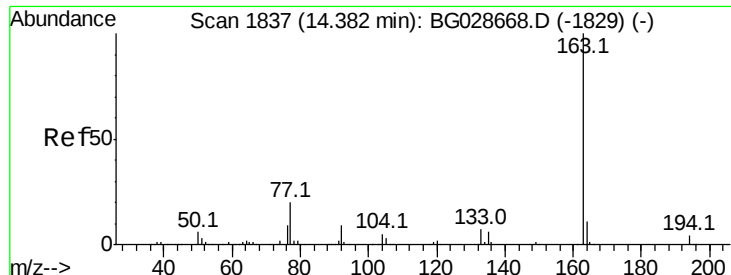


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.916 ng

RT: 14.33 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

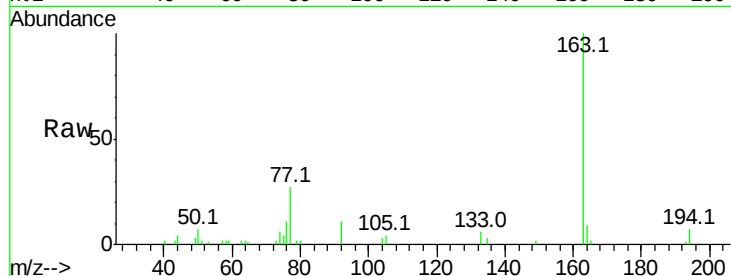
Tot Ion:163 Resp: 18562

Ion Ratio Lower Upper

163 100

194 7.2 3.8 5.6#

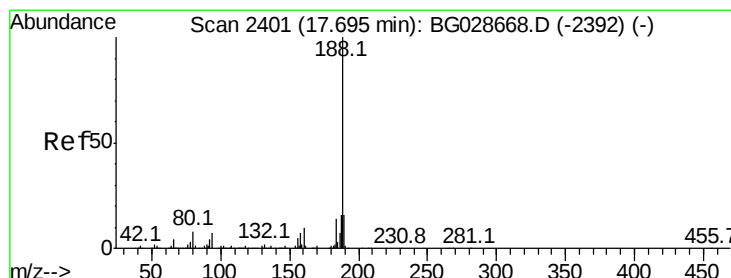
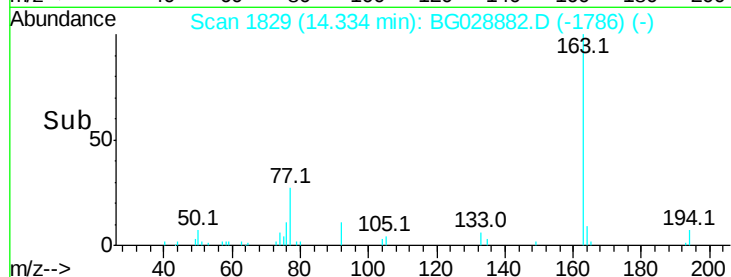
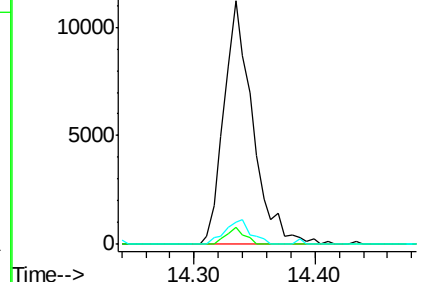
164 8.9 9.3 13.9#



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: BG028882.D

Acq: 22 Sep 2017 20:00

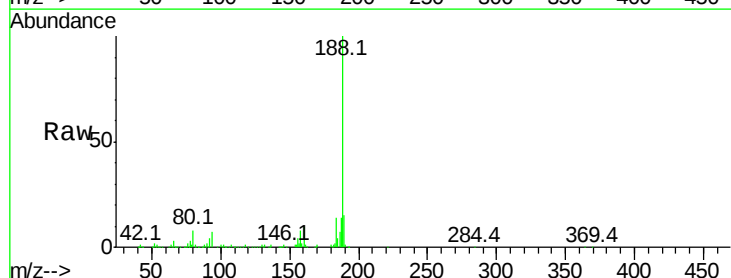
Tgt Ion:188 Resp: 240675

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

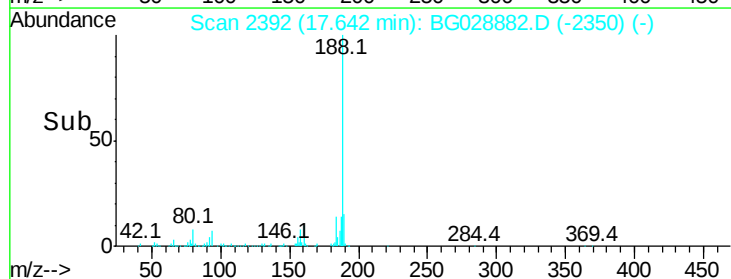
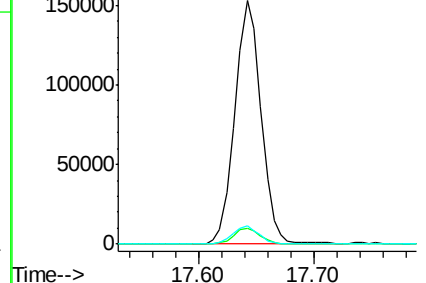
80 7.8 7.5 11.3



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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

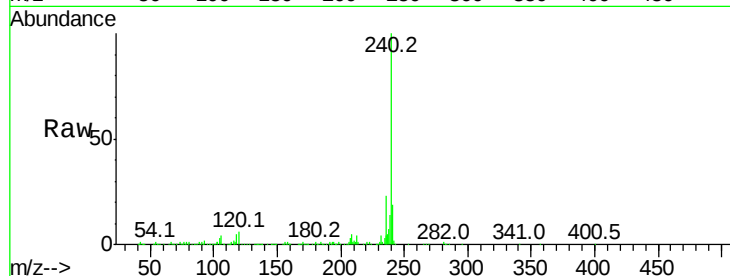
Tot Ion:240 Resp: 287335

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

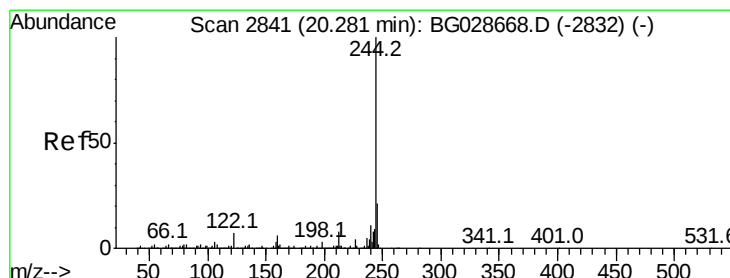
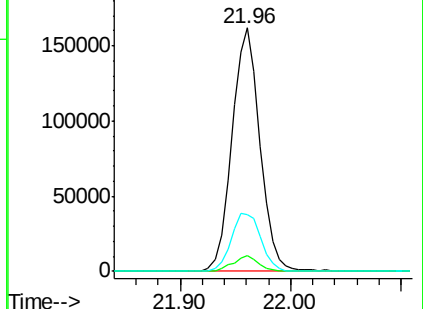
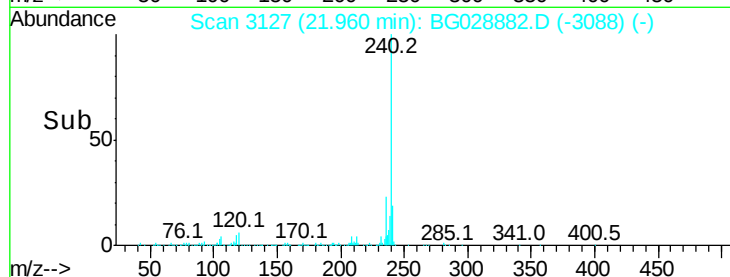
236 23.2 22.2 33.4



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: 98.345 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

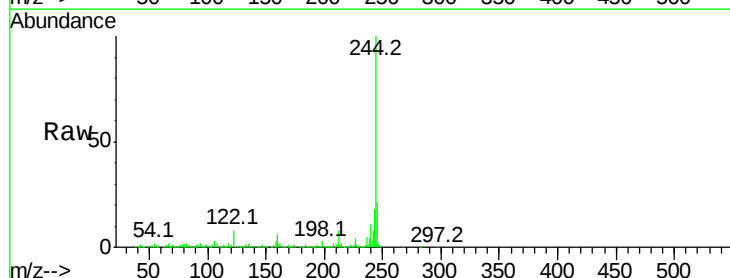
Tgt Ion:244 Resp: 1325070

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

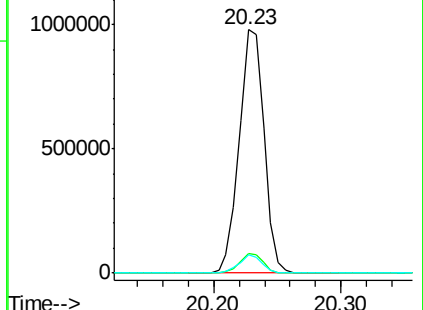
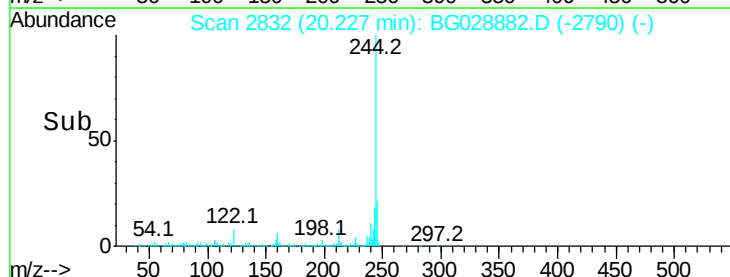
122 7.5 8.6 12.8#

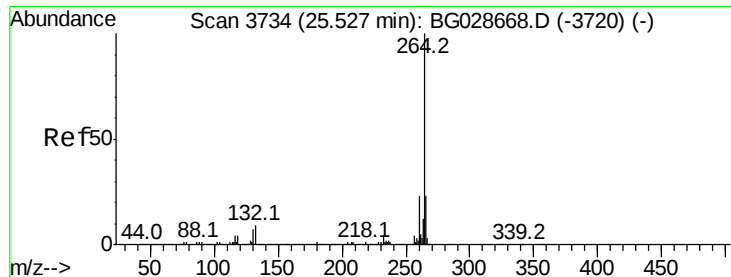


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

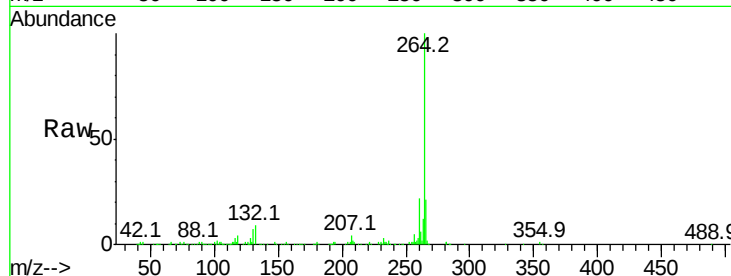




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	21.0	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

