

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028911.D
 Acq On : 25 Sep 2017 17:14
 Operator : SJ/JU
 Sample : I5321-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170611-COMP-B

Quant Time: Sep 26 01:59:37 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	29096	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	108069	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	79719	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	223081	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	264286	20.00	ng	-0.07
86) Perylene-d12	25.43	264	265995	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	143138	81.17	ng	-0.05
7) Phenol-d6	7.44	99	128875	48.54	ng	-0.05
23) Nitrobenzene-d5	9.45	82	256816	113.68	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	245206	185.97	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	648533	108.48	ng	-0.05
78) Terphenyl-d14	20.24	244	1326358	107.03	ng	-0.04

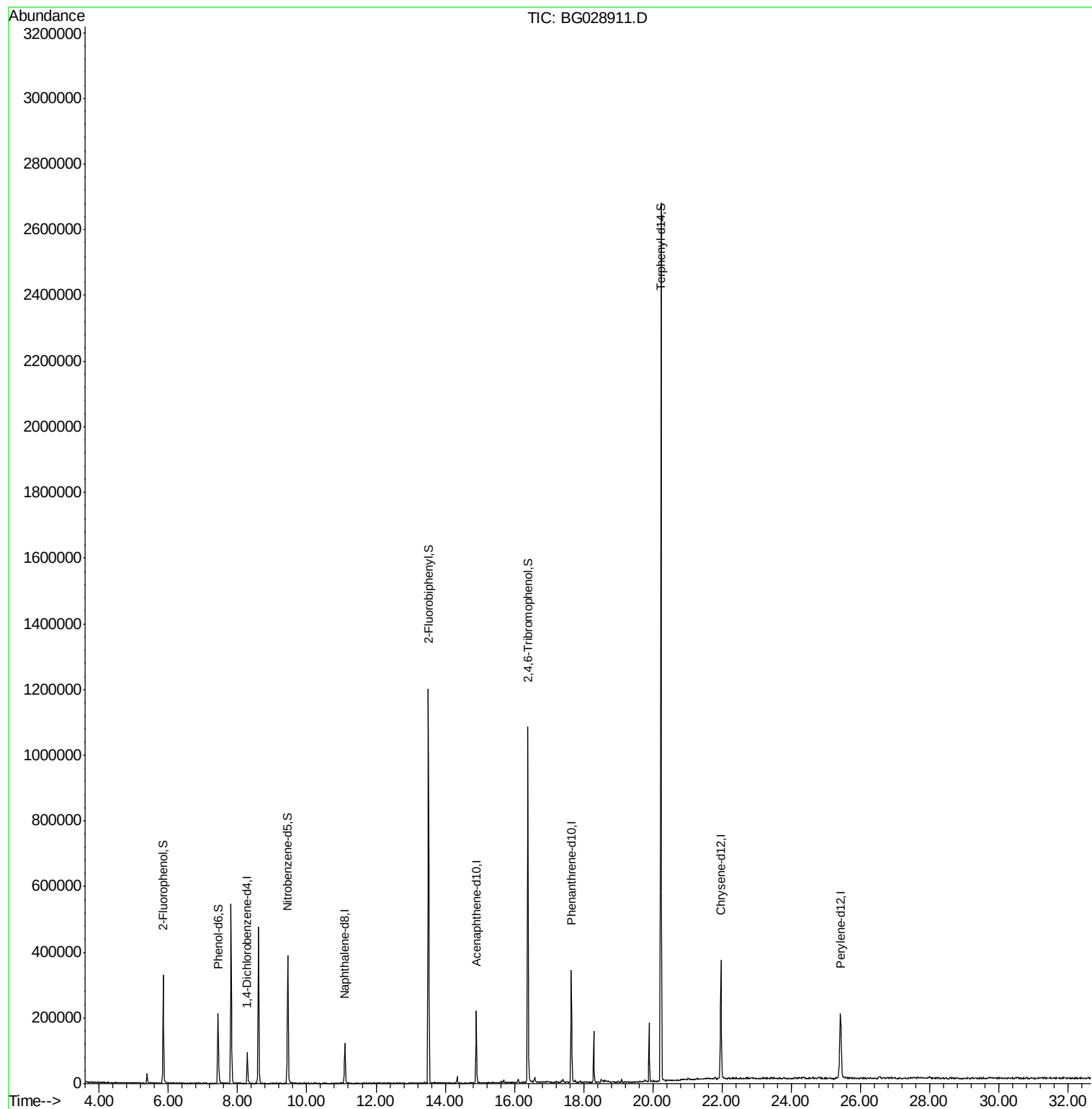
Target Compounds Qvalue

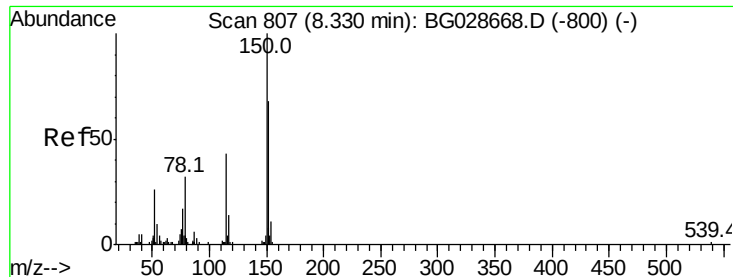
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028911.D

Acq: 25 Sep 2017 17:14

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BNA_G

ClientSampleId :

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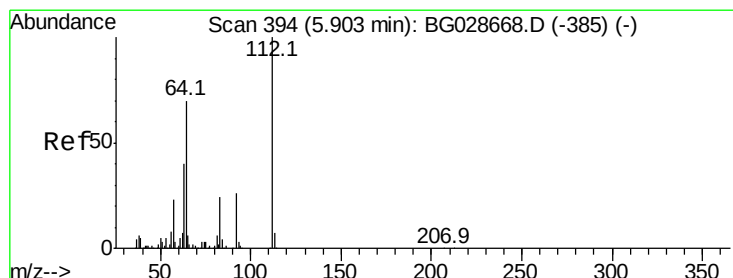
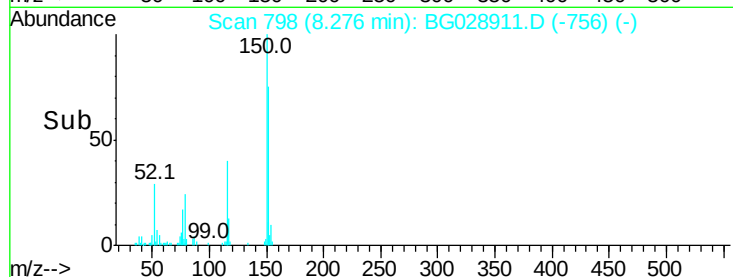
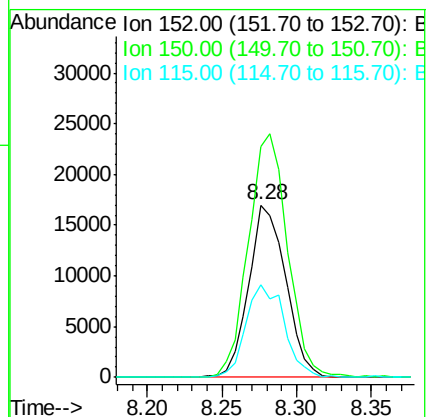
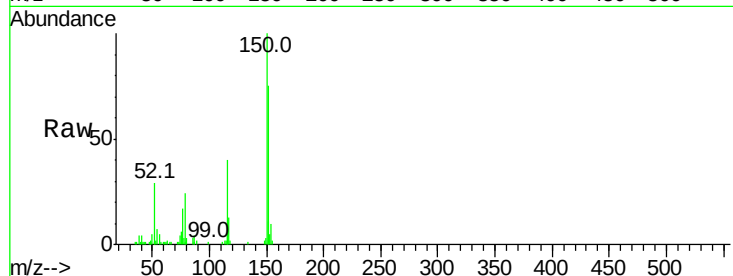
Tot Ion:152 Resp: 29096

Ion Ratio Lower Upper

152 100

150 133.6 114.0 171.0

115 54.0 48.1 72.1



#5

2-Fluorophenol

Concen: 81.174 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

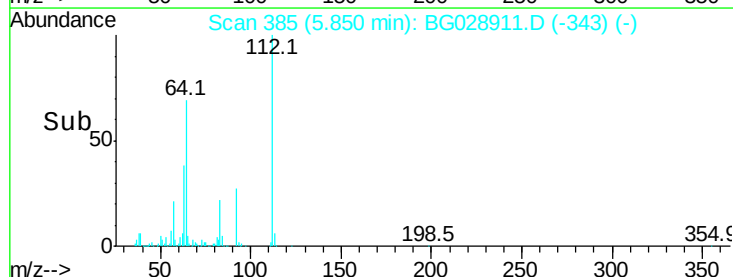
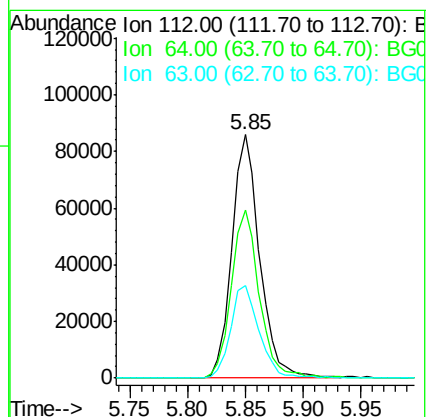
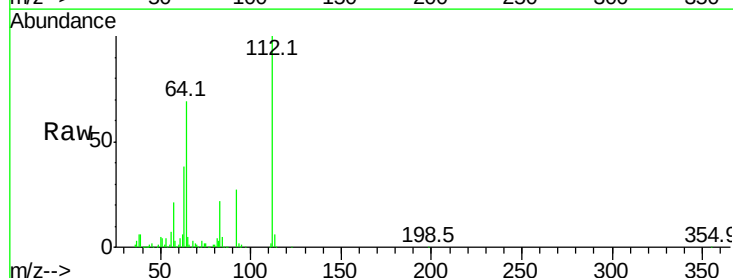
Tgt Ion:112 Resp: 143138

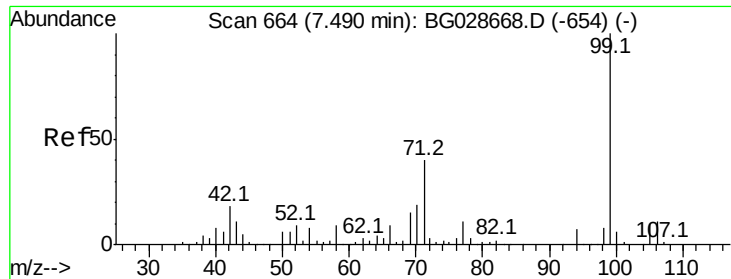
Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

63 37.8 37.2 55.8





#7

Phenol-d6

Concen: 48.542 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

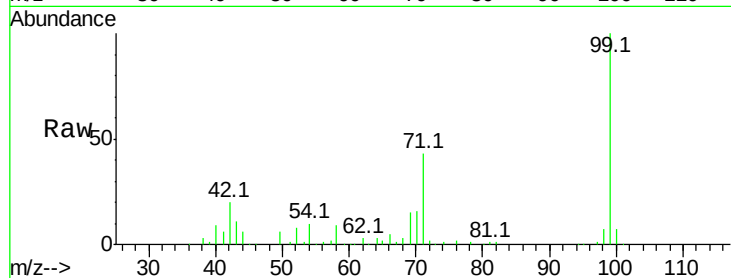
Tot Ion: 99 Resp: 128875

Ion Ratio Lower Upper

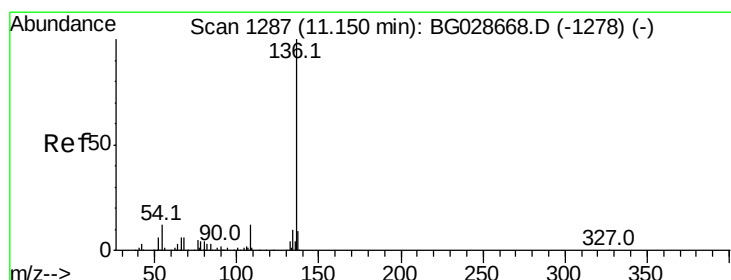
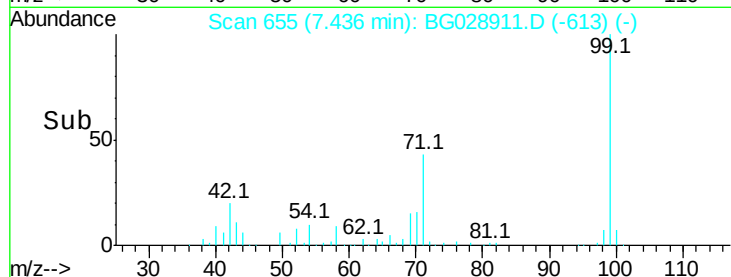
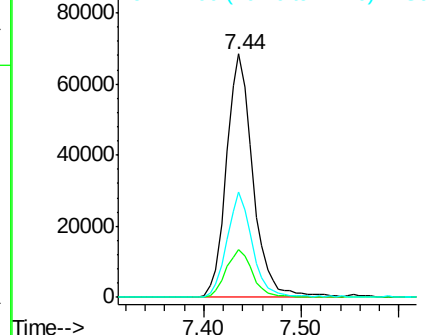
99 100

42 19.7 20.5 30.7#

71 43.4 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: BG028911.D

Acq: 25 Sep 2017 17:14

Tgt Ion: 136 Resp: 108069

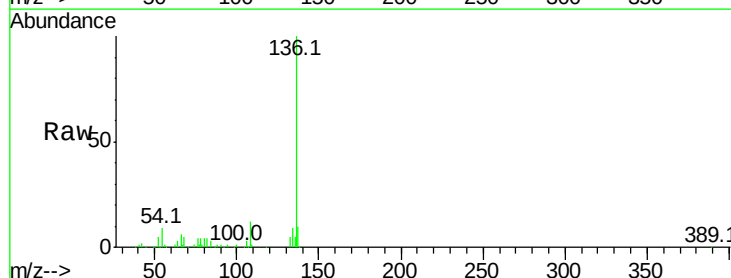
Ion Ratio Lower Upper

136 100

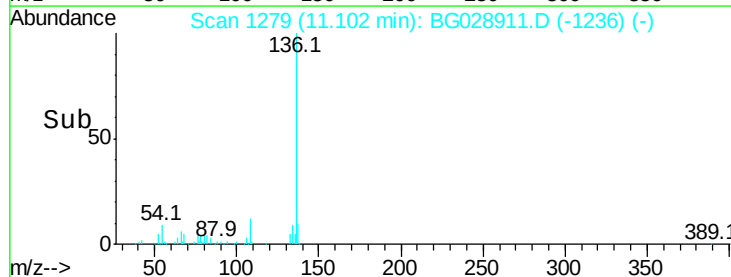
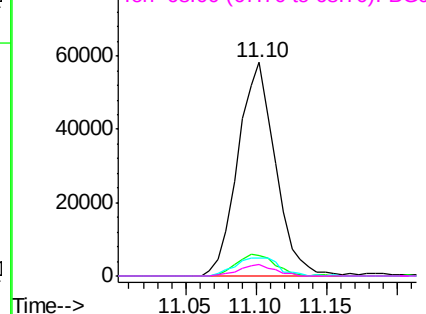
137 9.6 8.9 13.3

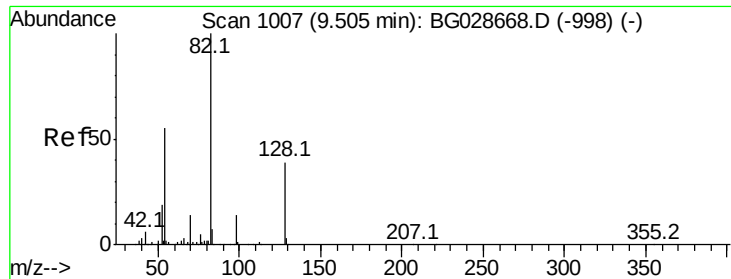
54 8.6 9.3 13.9#

68 5.5 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

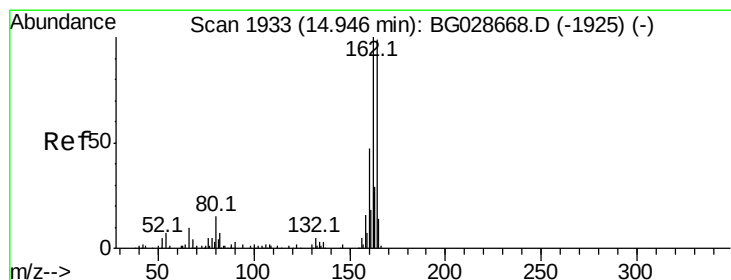
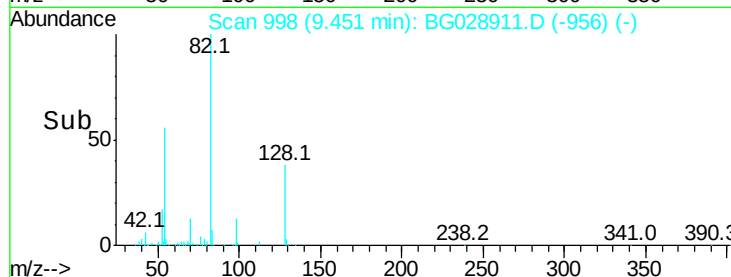
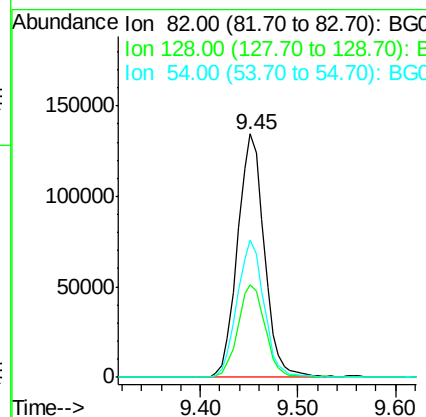
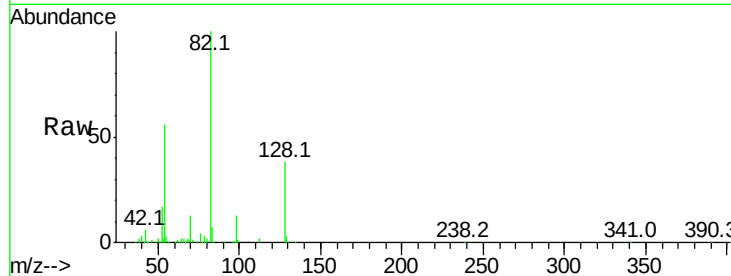




#23
Nitrobenzene-d5
Concen: 113.681 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

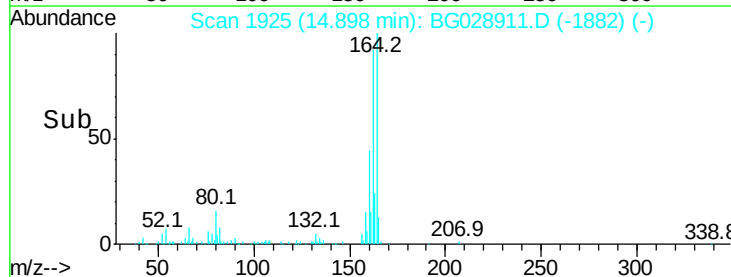
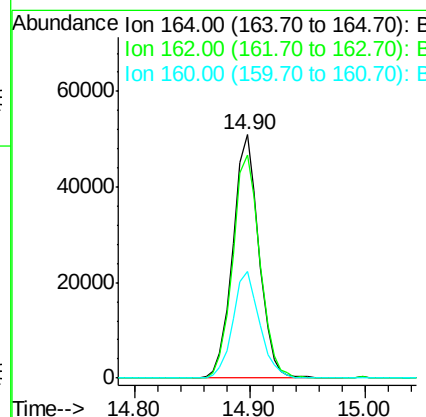
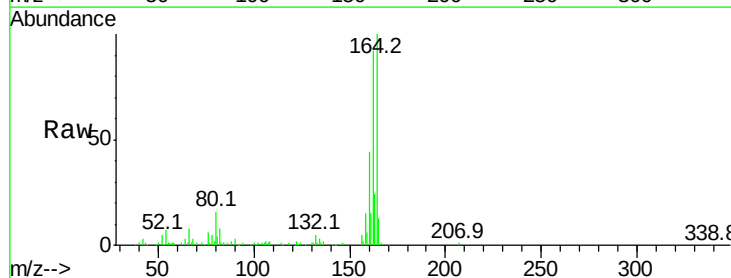
Instrument :
BNA_G
ClientSampleId :
20170611-COMP-B

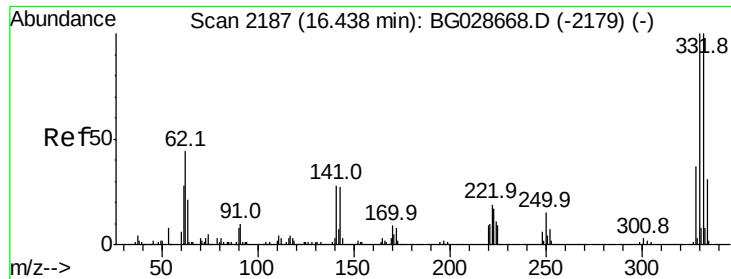
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	56.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.7	85.1	127.7
160	43.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 185.973 ng

RT: 16.39 min Scan# 2179

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

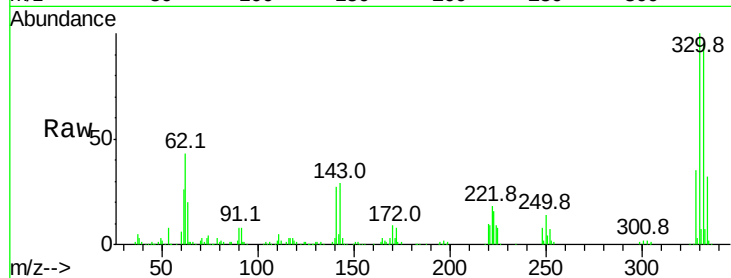
Tot Ion:330 Resp: 245206

Ion Ratio Lower Upper

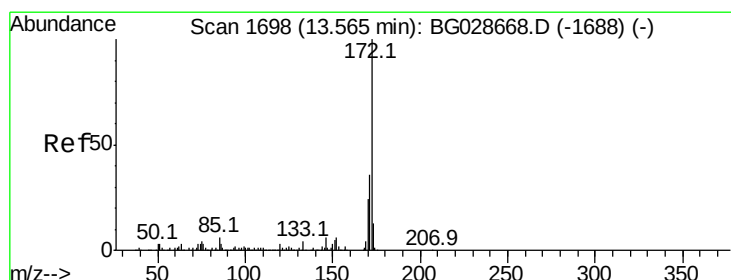
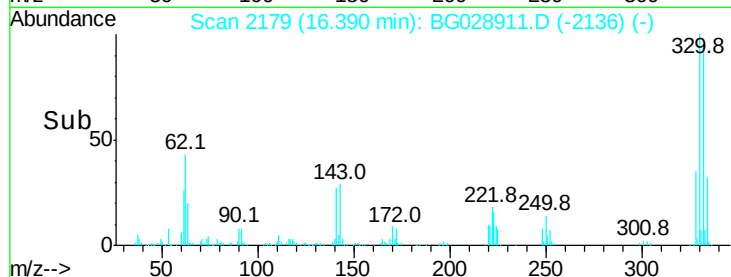
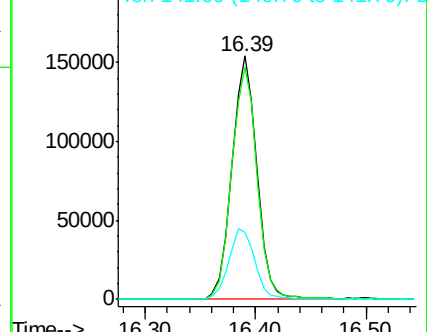
330 100

332 97.0 77.3 115.9

141 30.1 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: 108.477 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

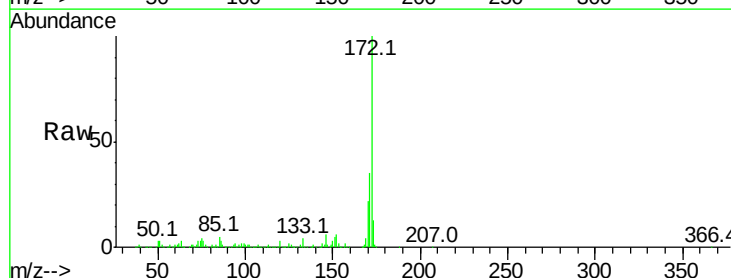
Tgt Ion:172 Resp: 648533

Ion Ratio Lower Upper

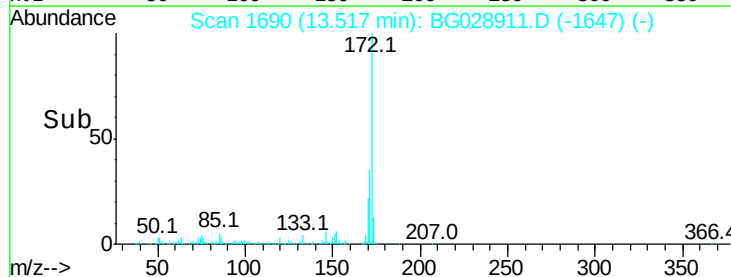
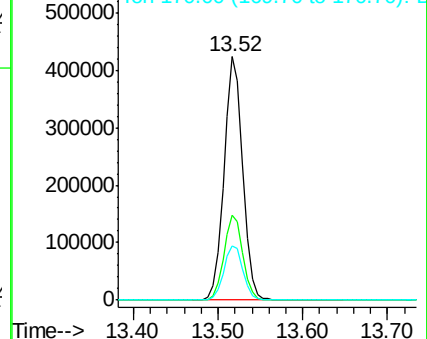
172 100

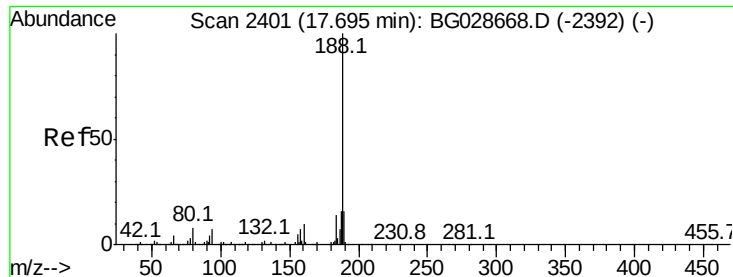
171 34.9 32.2 48.2

170 22.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

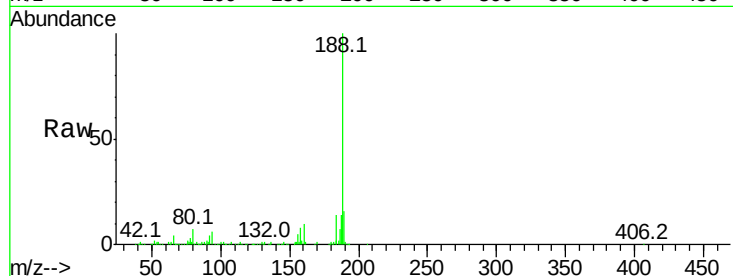
Tot Ion:188 Resp: 223081

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

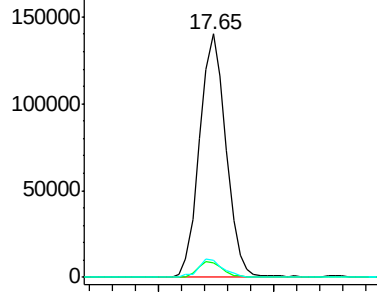
80 7.2 7.5 11.3#



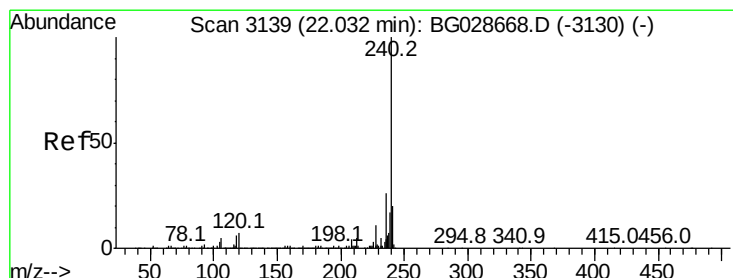
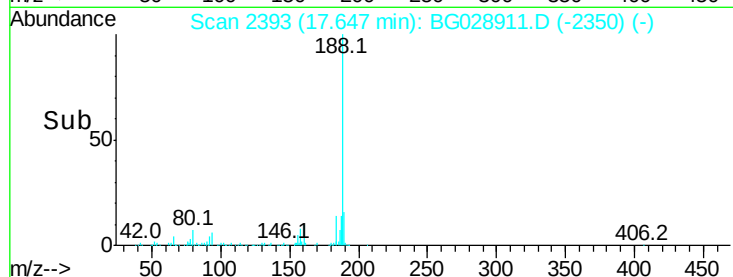
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

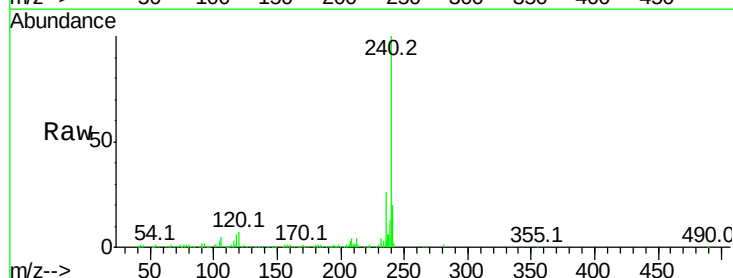
Tgt Ion:240 Resp: 264286

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

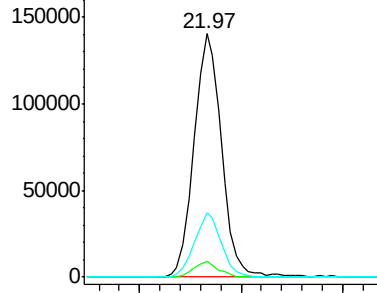
236 26.4 22.2 33.4



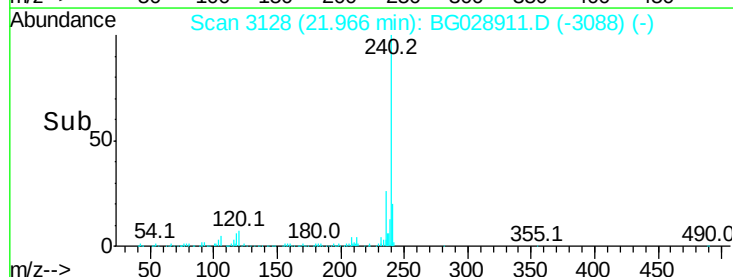
Abundance Ion 240.00 (239.70 to 240.70): E

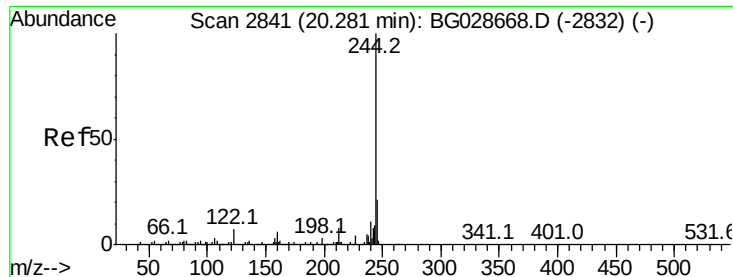
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 107.026 ng

RT: 20.24 min Scan# 2834

Delta R.T. -0.04 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

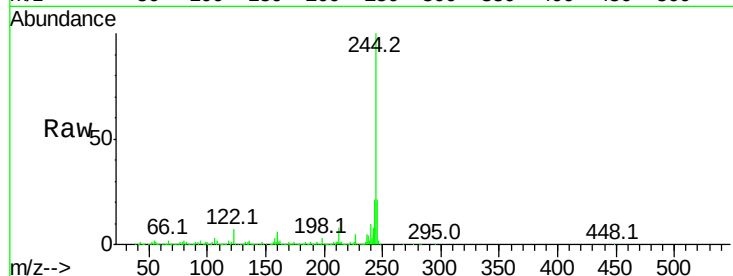
Tot Ion:244 Resp: 1326358

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

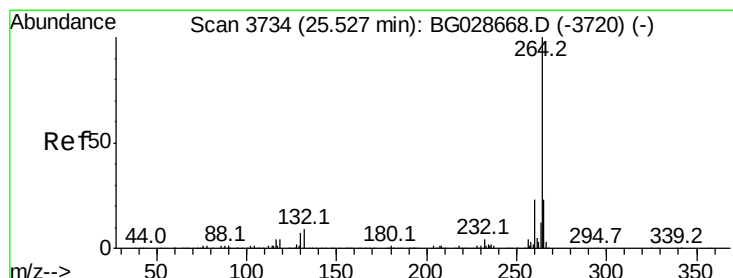
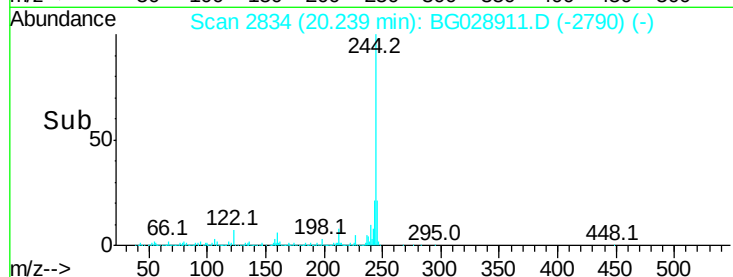
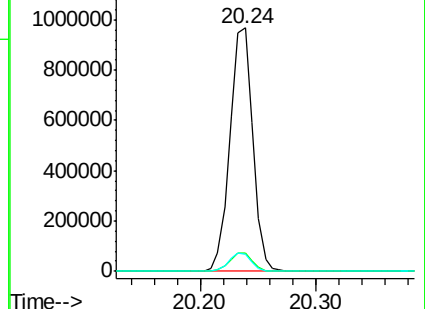
122 7.3 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.43 min Scan# 3717

Delta R.T. -0.10 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

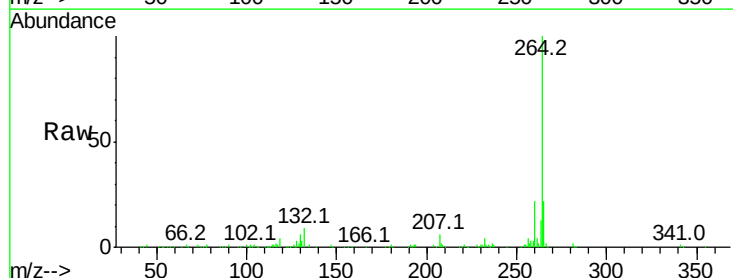
Tgt Ion:264 Resp: 265995

Ion Ratio Lower Upper

264 100

260 21.6 21.8 32.8#

265 21.6 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

