

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028942.D
 Acq On : 26 Sep 2017 13:47
 Operator : SJ/JU
 Sample : I5385-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092117-TIDO-F-D-M

Quant Time: Sep 26 14:49:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

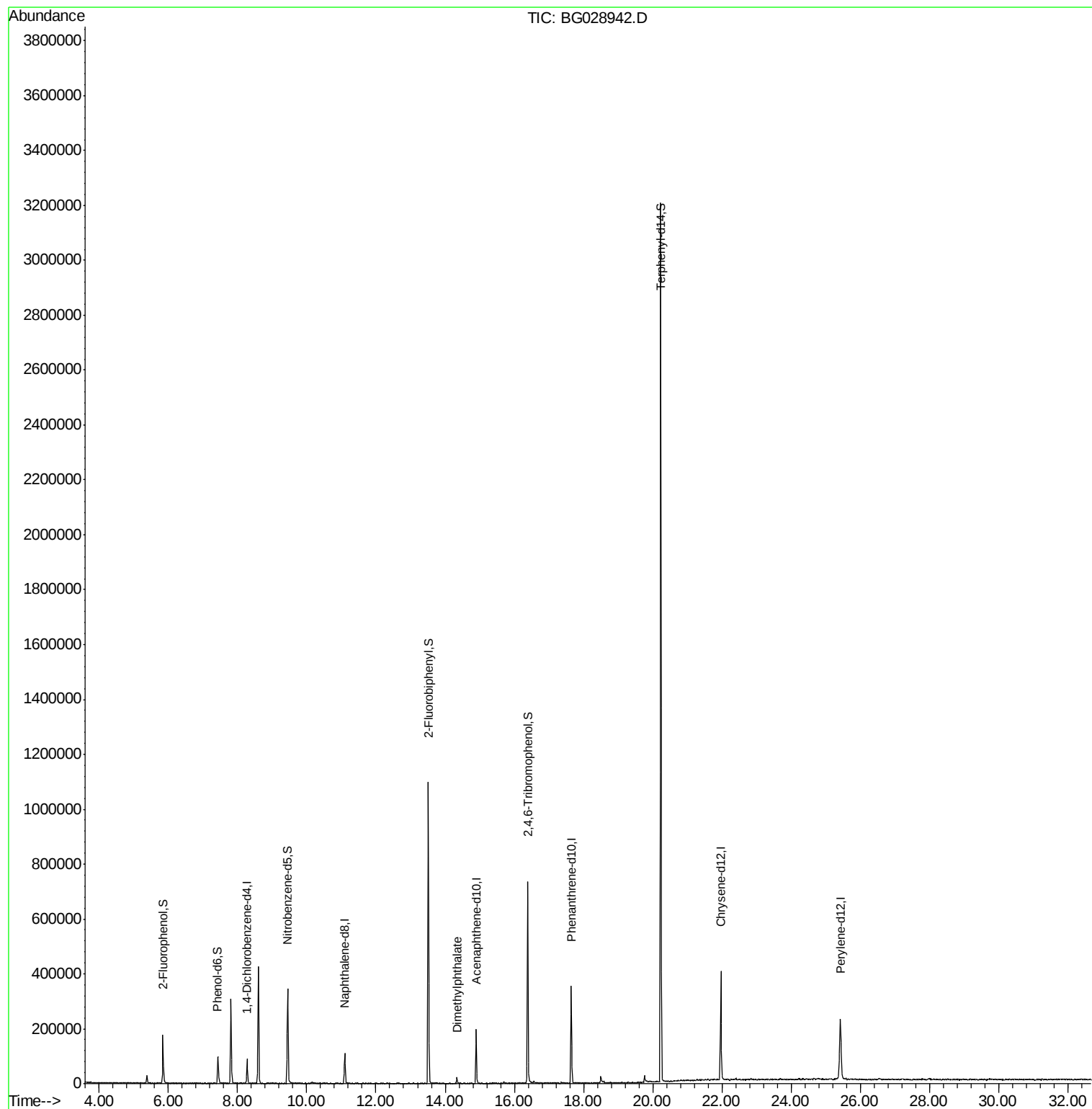
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25371	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	97736	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	71956	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	236748	20.00	ng	0.00
75) Chrysene-d12	21.97	240	281067	20.00	ng	0.00
86) Perylene-d12	25.42	264	289036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	76086	49.48	ng	0.00
7) Phenol-d6	7.43	99	65118	28.13	ng	0.00
23) Nitrobenzene-d5	9.45	82	234646	114.85	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	155862	130.96	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	612134	113.44	ng	0.00
78) Terphenyl-d14	20.23	244	1434148	108.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.34	163	19445	3.223	ng	Qvalue 99

(#) = 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. -0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

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ClientSampleId :

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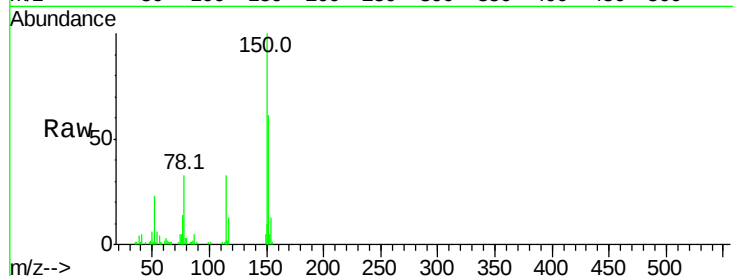
Tot Ion:152 Resp: 25371

Ion Ratio Lower Upper

152 100

150 165.1 114.0 171.0

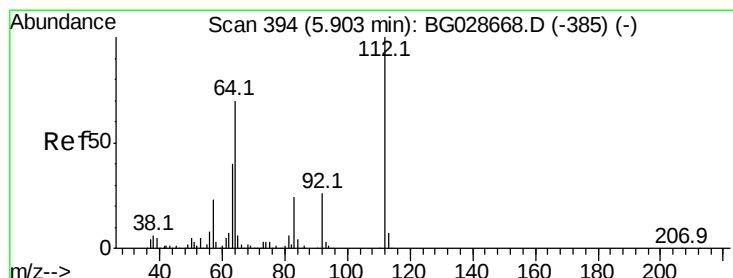
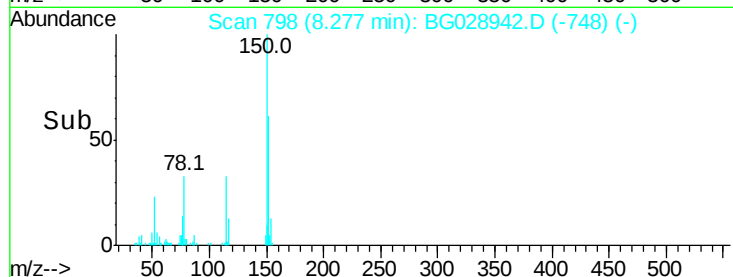
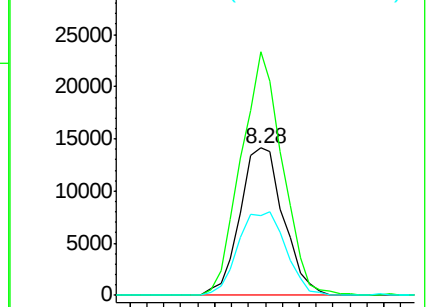
115 54.4 48.1 72.1



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: 49.484 ng

RT: 5.84 min Scan# 384

Delta R.T. 0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

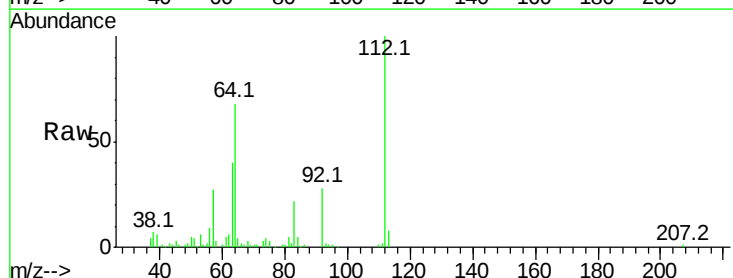
Tgt Ion:112 Resp: 76086

Ion Ratio Lower Upper

112 100

64 68.4 61.8 92.6

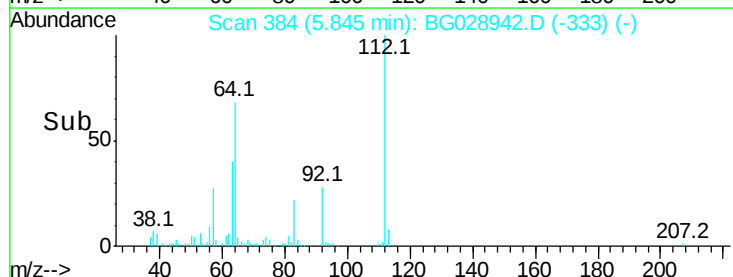
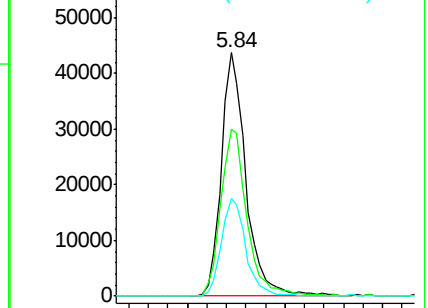
63 40.0 37.2 55.8

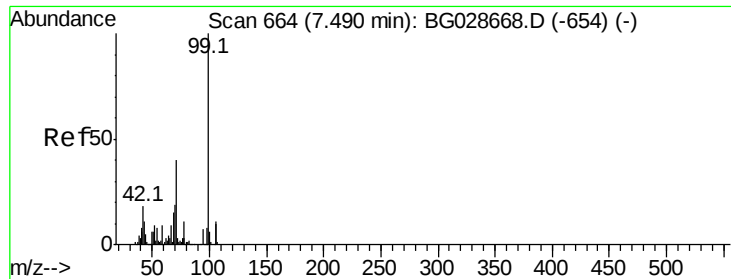


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.128 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

Instrument :

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092117-TIDO-F-D-M

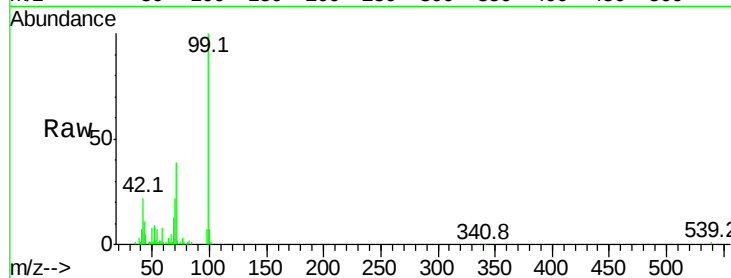
Tot Ion: 99 Resp: 65118

Ion Ratio Lower Upper

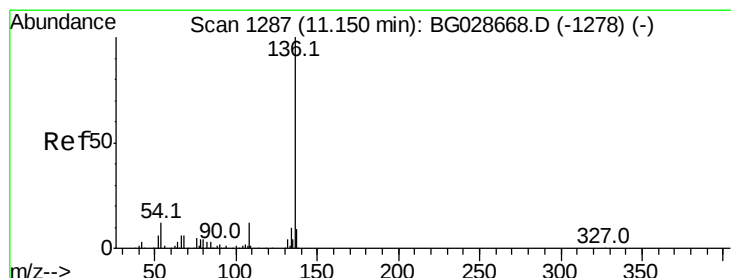
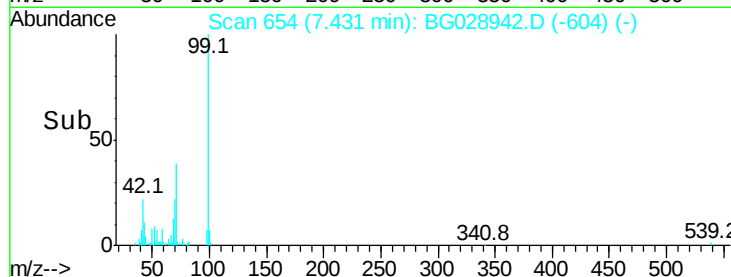
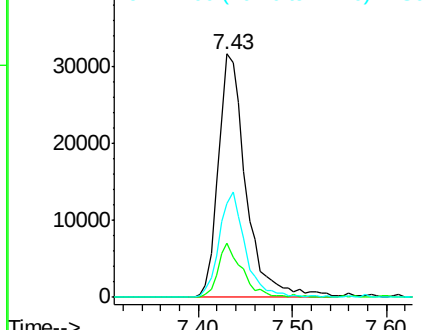
99 100

42 22.0 20.5 30.7

71 38.6 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. 0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

Tgt Ion: 136 Resp: 97736

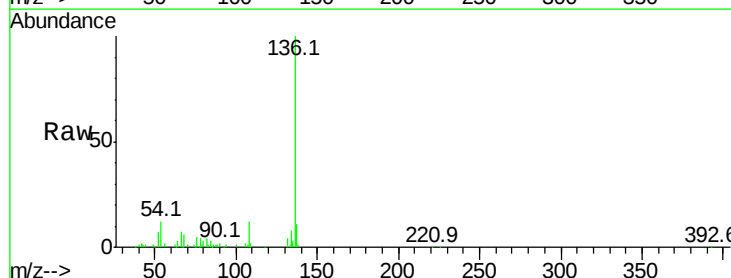
Ion Ratio Lower Upper

136 100

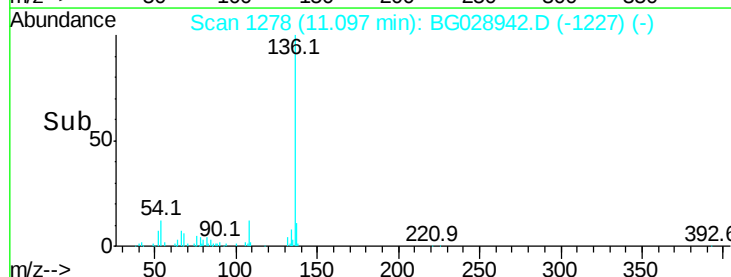
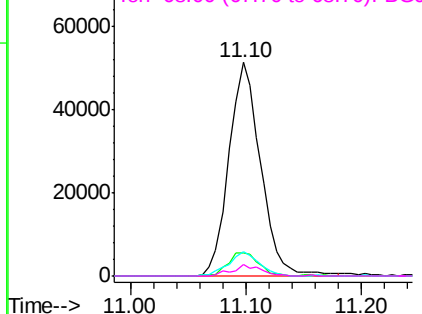
137 10.9 8.9 13.3

54 11.6 9.3 13.9

68 5.7 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

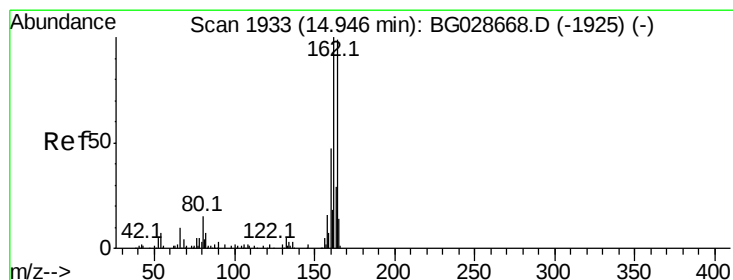
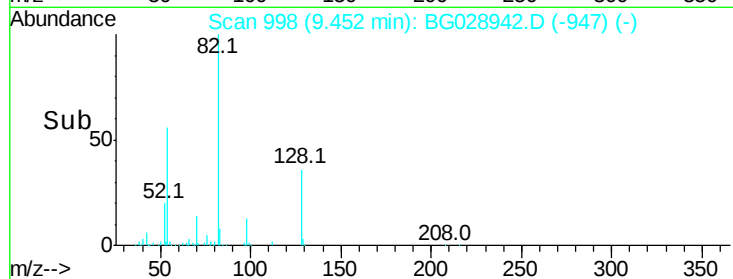
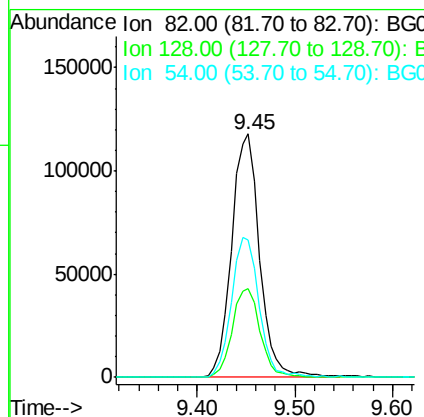
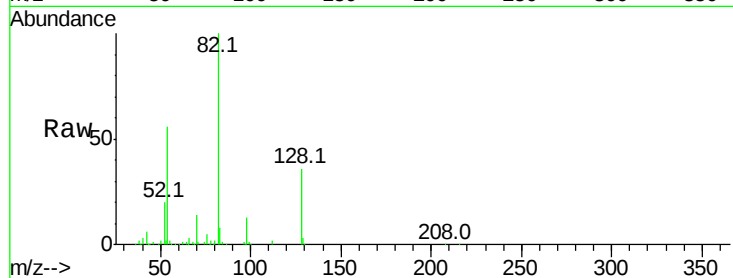




#23
 Nitrobenzene-d5
 Concen: 114.849 ng
 RT: 9.45 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BG028942.D
 Acq: 26 Sep 2017 13:47

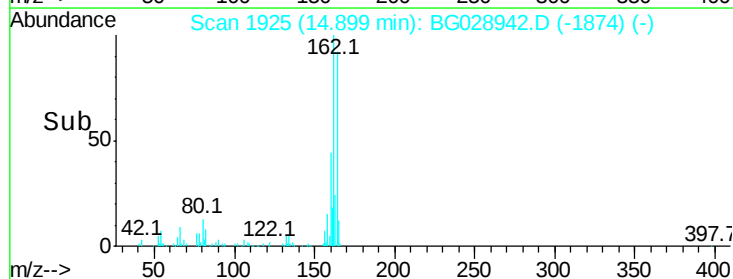
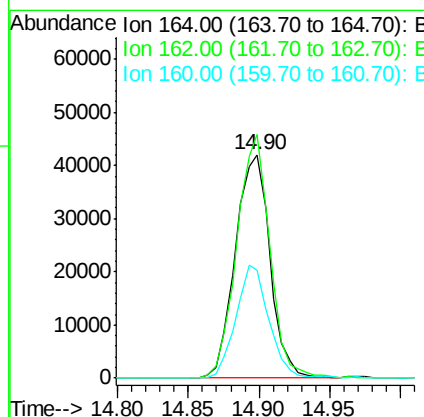
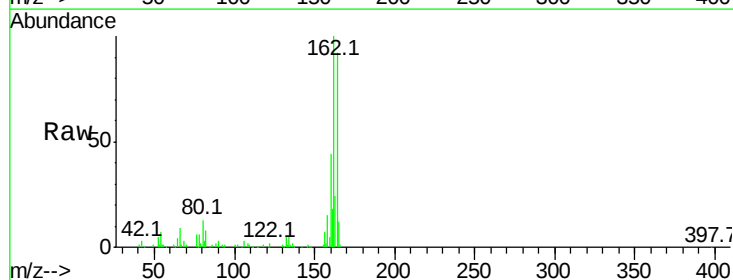
Instrument :
 BNA_G
 ClientSampleId :
 092117-TIDO-F-D-M

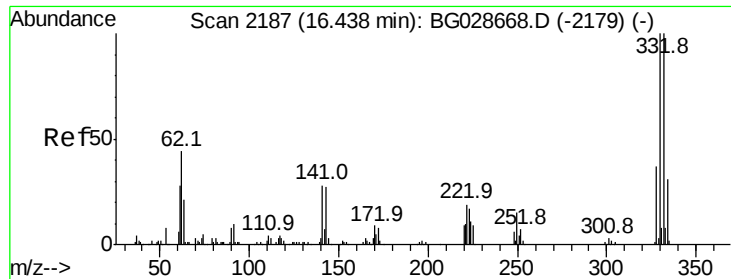
Tot Ion	82	Resp	234646
Ion Ratio	Lower	Upper	
82	100		
128	36.2	26.4	39.6
54	56.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BG028942.D
 Acq: 26 Sep 2017 13:47

Tgt Ion	164	Resp	71956
Ion Ratio	Lower	Upper	
164	100		
162	109.1	85.1	127.7
160	48.2	34.7	52.1

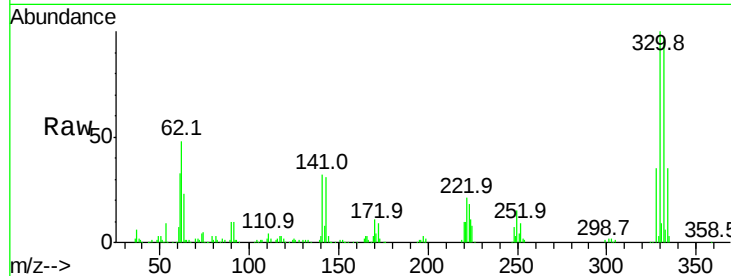




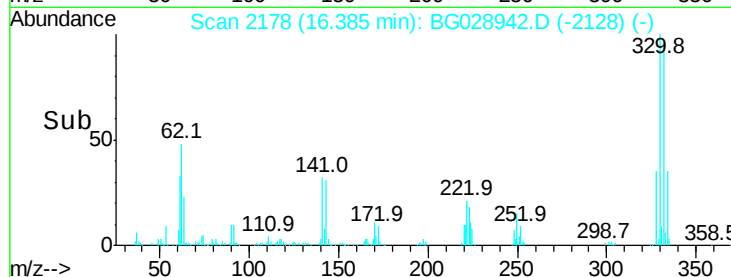
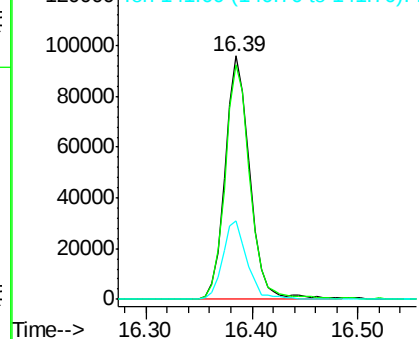
#41
 2,4,6-Tribromophenol
 Concen: 130.965 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG028942.D
 Acq: 26 Sep 2017 13:47

Instrument :
 BNA_G
 ClientSampleId :
 092117-TIDO-F-D-M

Tot Ion:330 Resp: 155862
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 31.9 32.1 48.1#

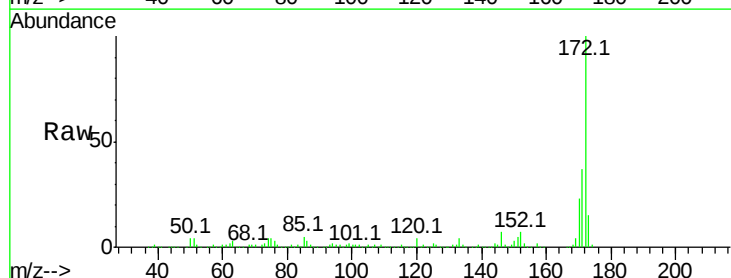


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

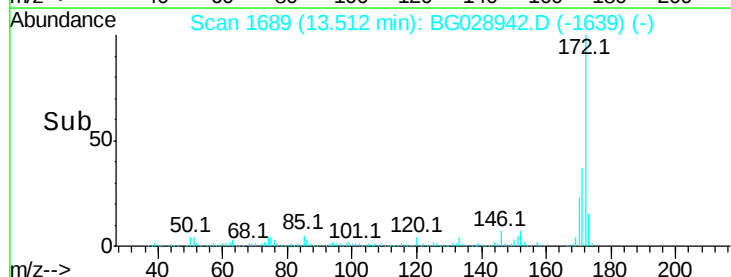
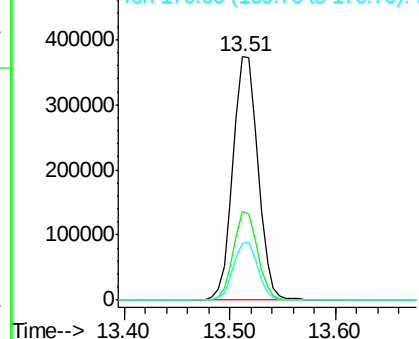


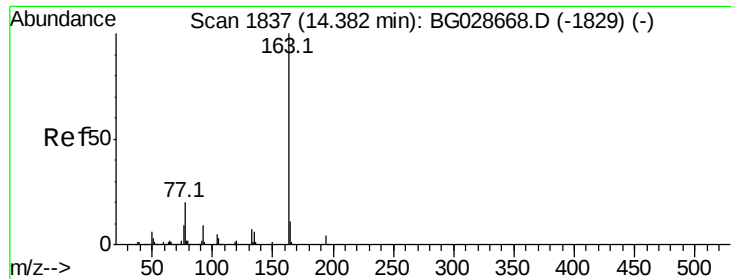
#44
 2-Fluorobiphenyl
 Concen: 113.435 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG028942.D
 Acq: 26 Sep 2017 13:47

Tgt Ion:172 Resp: 612134
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 3.223 ng

RT: 14.34 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

Instrument :

BNA_G

ClientSampleId :

092117-TIDO-F-D-M

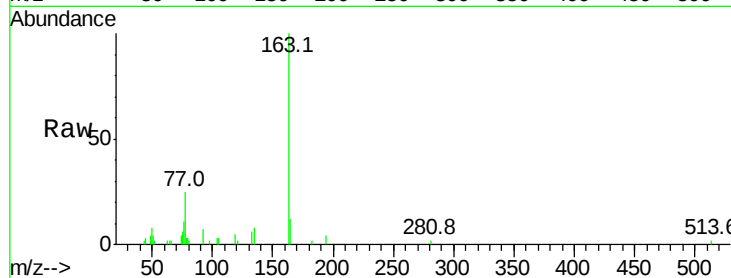
Tot Ion:163 Resp: 19445

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

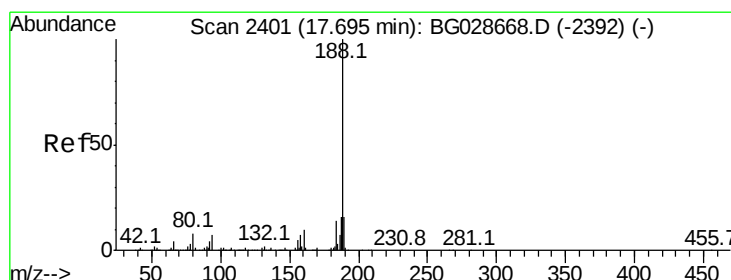
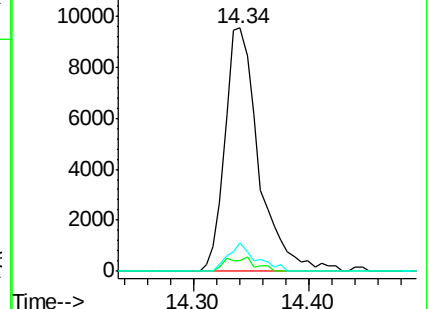
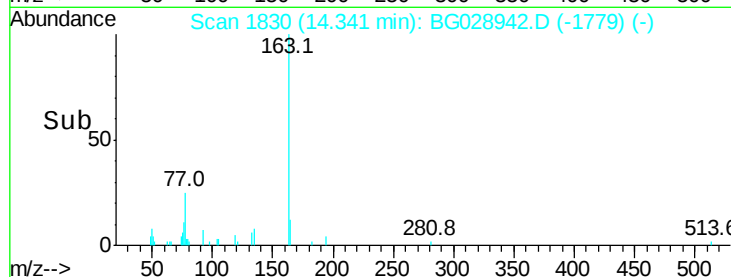
164 11.9 9.3 13.9



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. -0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

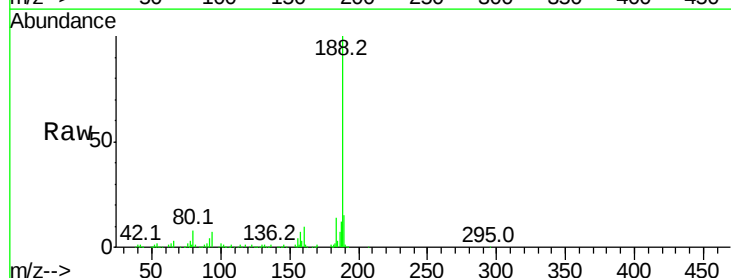
Tgt Ion:188 Resp: 236748

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

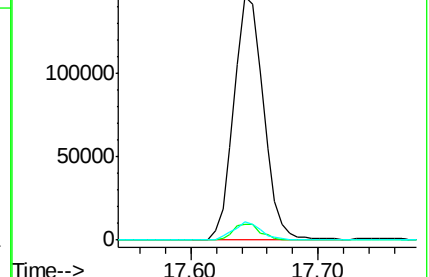
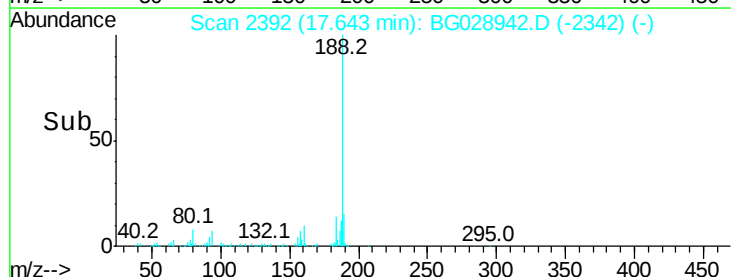
80 7.7 7.5 11.3

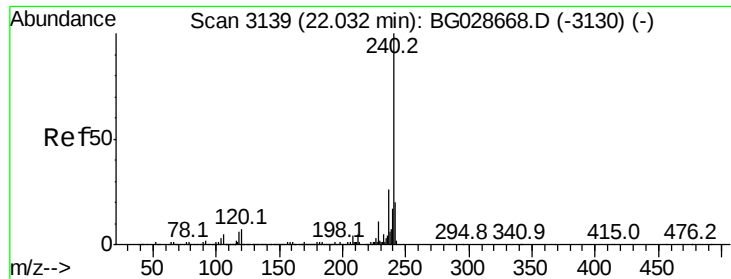


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

Instrument :

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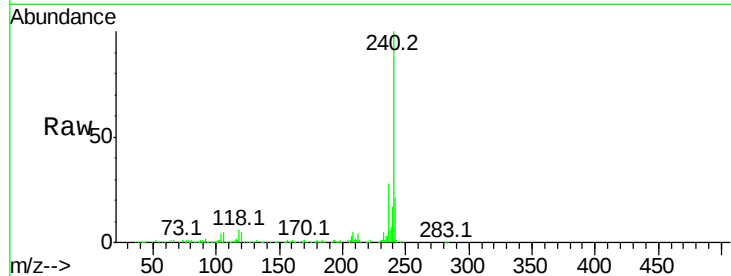
Tot Ion:240 Resp: 281067

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

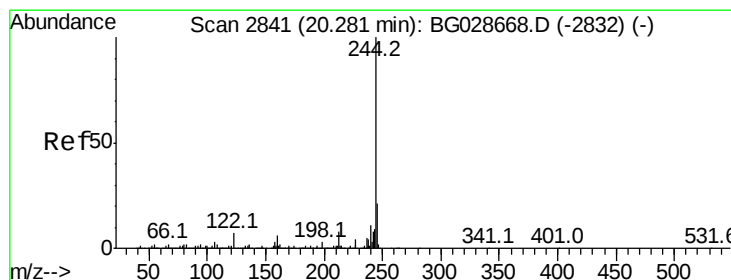
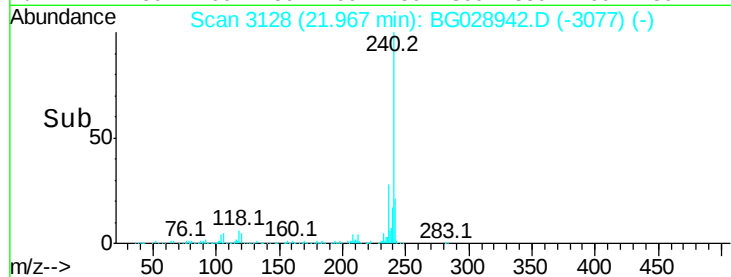
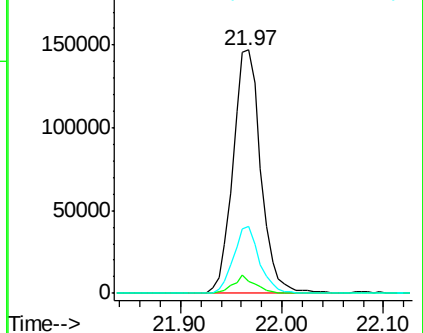
236 27.6 22.2 33.4



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: 108.814 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028942.D

Acq: 26 Sep 2017 13:47

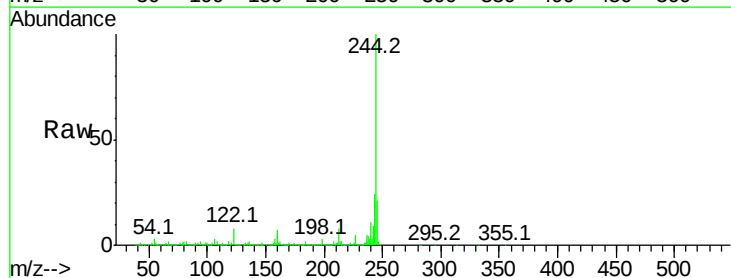
Tgt Ion:244 Resp: 1434148

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

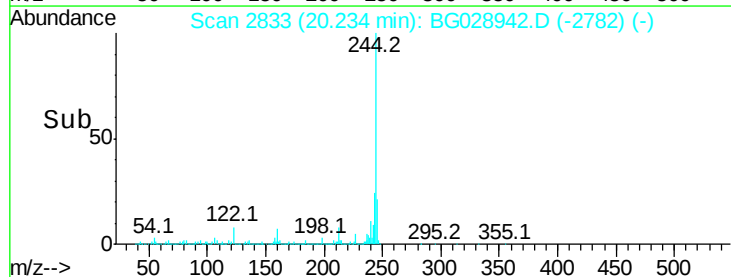
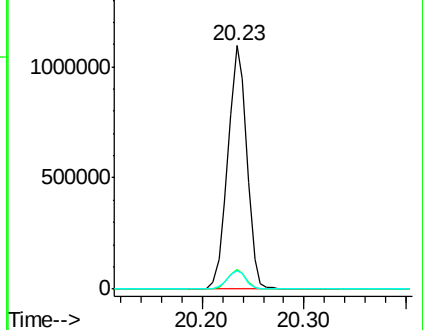
122 7.6 8.6 12.8#

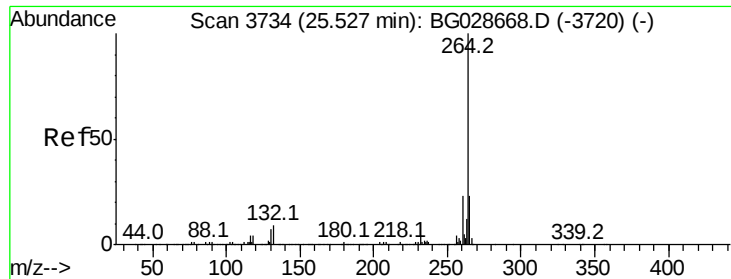


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3716
Delta R.T. 0.01 min
Lab File: BG028942.D
Acq: 26 Sep 2017 13:47

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	20.5	18.2	27.4

