

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028859.D
 Acq On : 21 Sep 2017 15:41
 Operator : SJ/JU
 Sample : I5308-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 16:25:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	35491	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	147999	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	105859	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	290620	20.00	ng	0.00
75) Chrysene-d12	21.98	240	320884	20.00	ng	0.00
86) Perylene-d12	25.46	264	312763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	279902	130.13	ng	0.00
7) Phenol-d6	7.44	99	327767	101.21	ng	0.00
23) Nitrobenzene-d5	9.46	82	275675	89.11	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	218960	125.06	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	728210	91.73	ng	0.00
78) Terphenyl-d14	20.25	244	1401671	93.15	ng	0.00

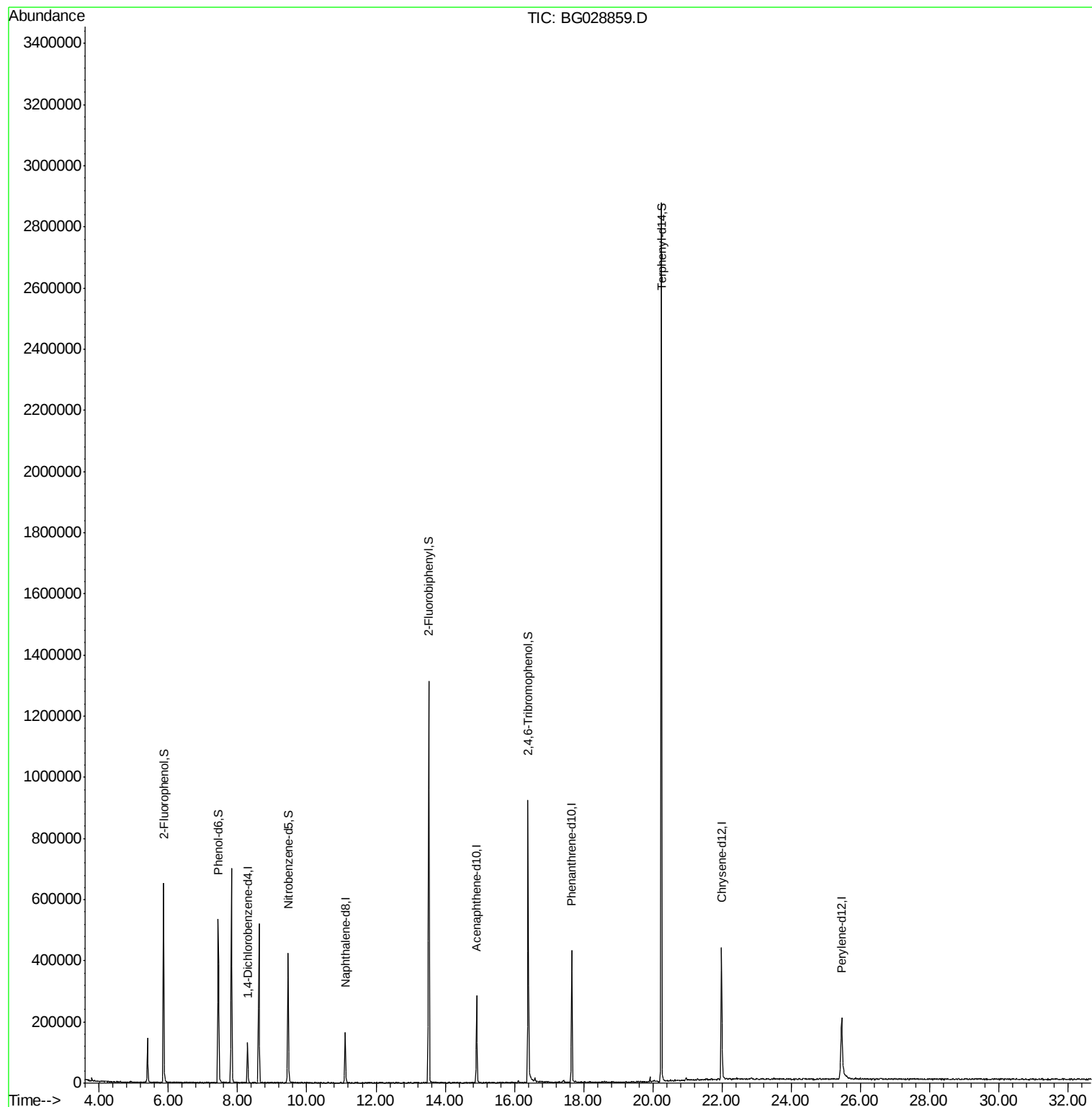
Target Compounds Qvalue

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

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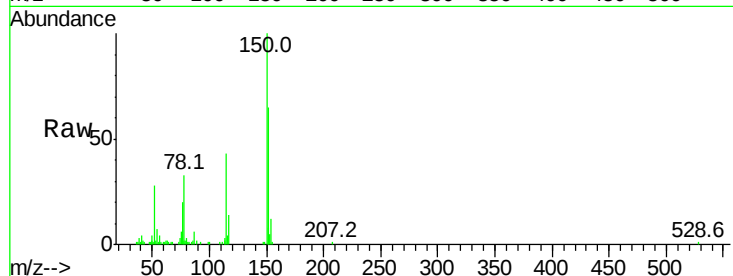


#1

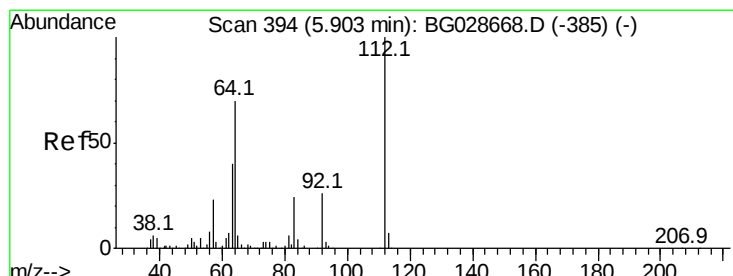
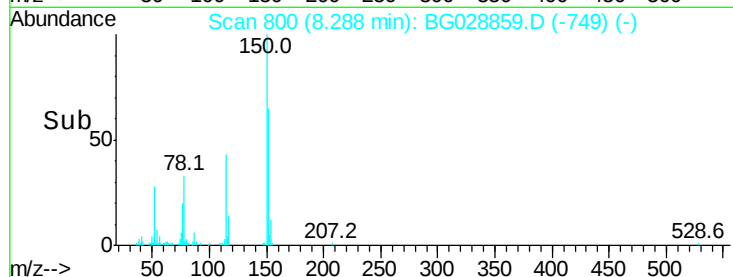
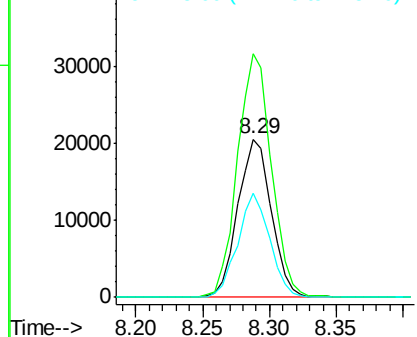
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. 0.00 min
Lab File: BG028859.D
Acq: 21 Sep 2017 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35491
Ion Ratio Lower Upper
152 100
150 154.0 114.0 171.0
115 65.8 48.1 72.1



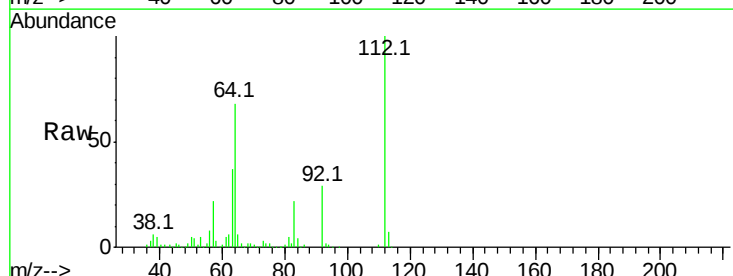
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



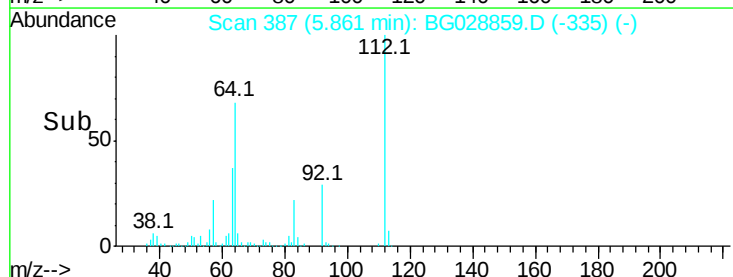
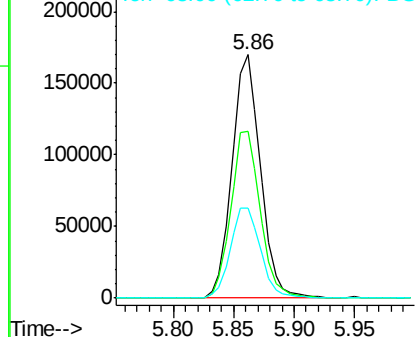
#5

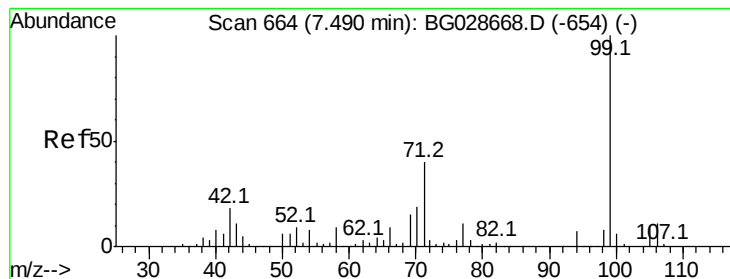
2-Fluorophenol
Concen: 130.132 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028859.D
Acq: 21 Sep 2017 15:41

Tgt Ion:112 Resp: 279902
Ion Ratio Lower Upper
112 100
64 68.4 61.8 92.6
63 36.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.211 ng

RT: 7.44 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

Instrument :

BNA_G

ClientSampled :

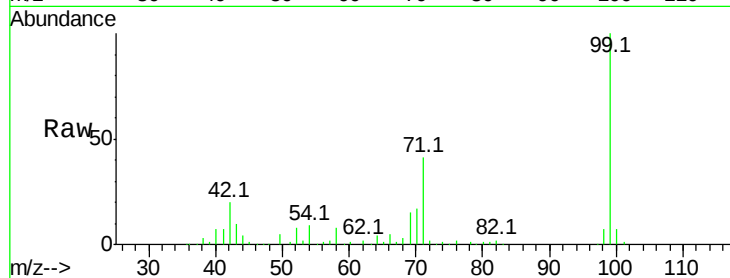
Tot Ion: 99 Resp: 327767

Ion Ratio Lower Upper

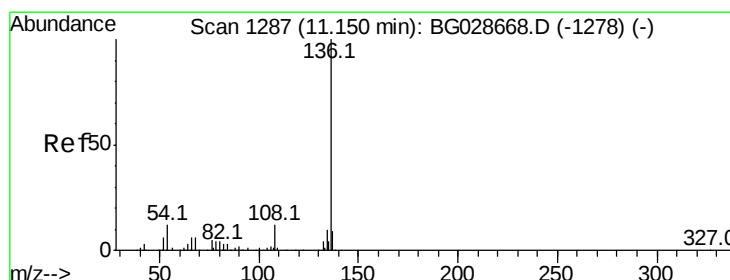
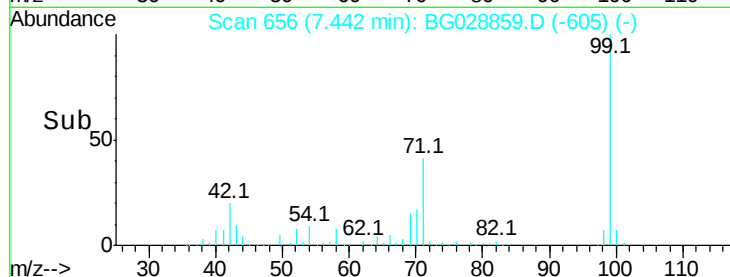
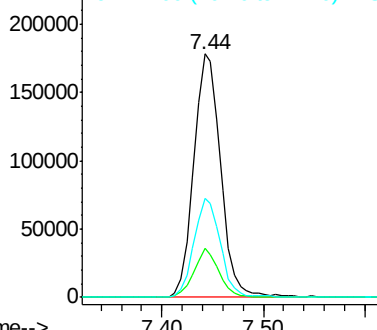
99 100

42 20.0 20.5 30.7#

71 40.6 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: 11.11 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

Tgt Ion: 136 Resp: 147999

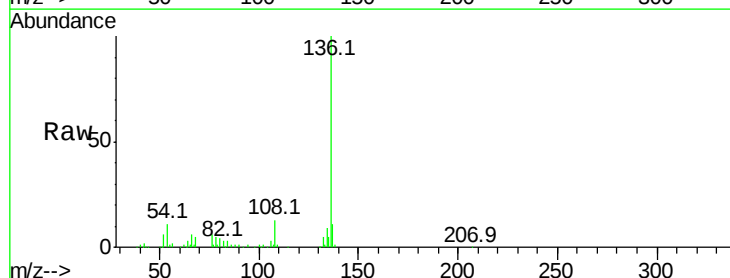
Ion Ratio Lower Upper

136 100

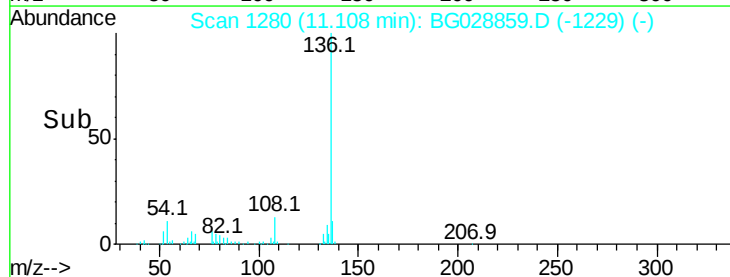
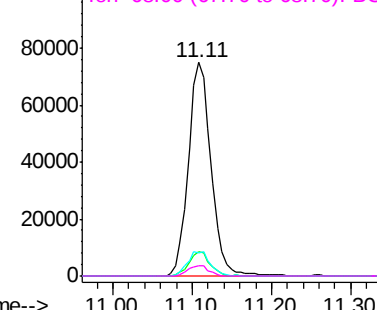
137 11.2 8.9 13.3

54 11.1 9.3 13.9

68 5.0 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

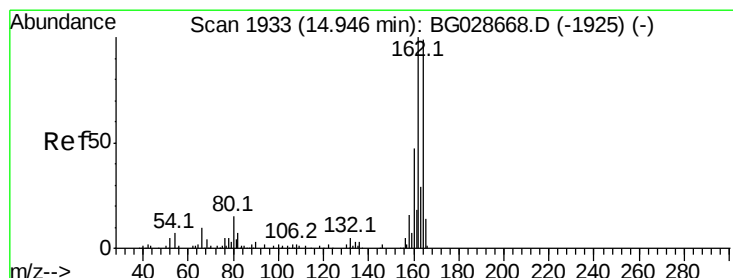
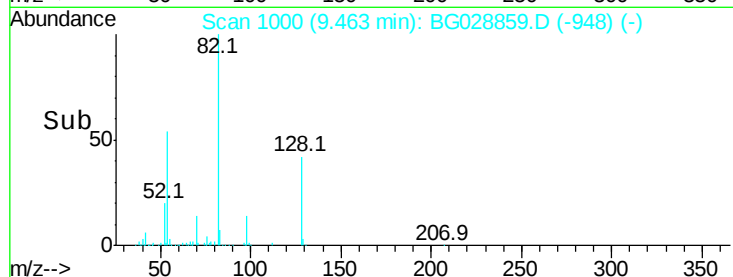
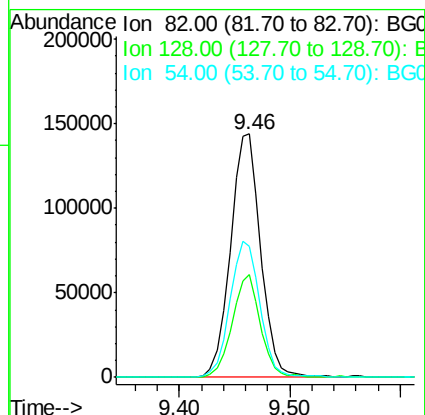
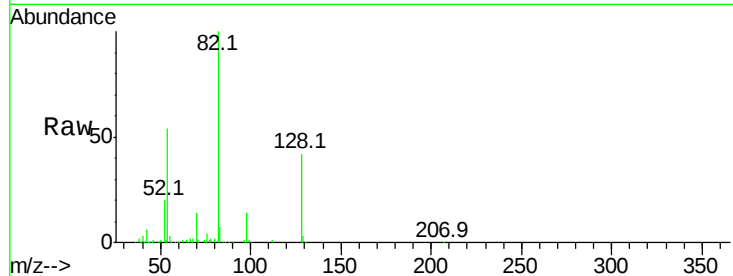




#23
Nitrobenzene-d5
Concen: 89.106 ng
RT: 9.46 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG028859.D
Acq: 21 Sep 2017 15:41

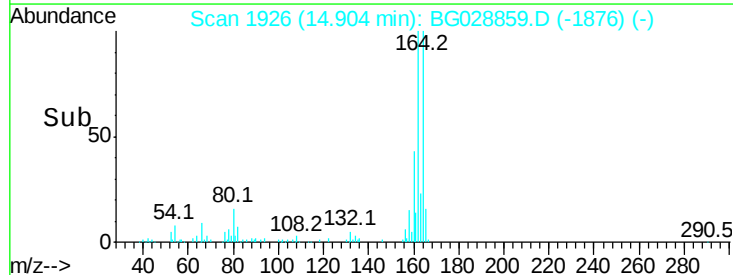
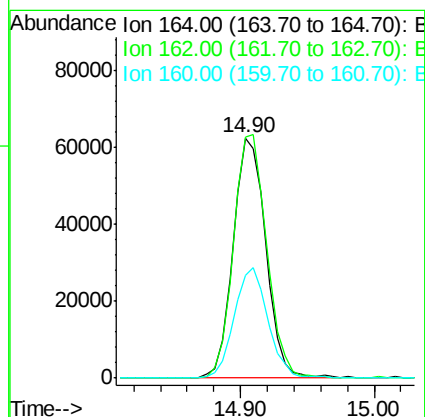
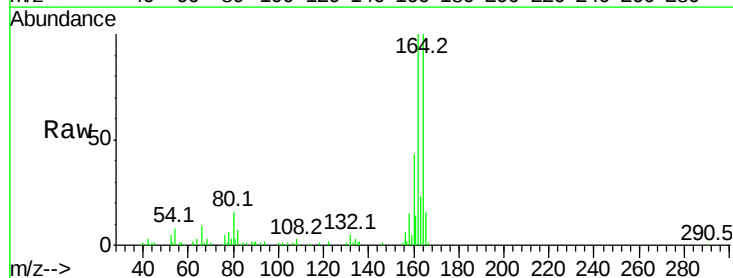
Instrument :
BNA_G
ClientSampleId :

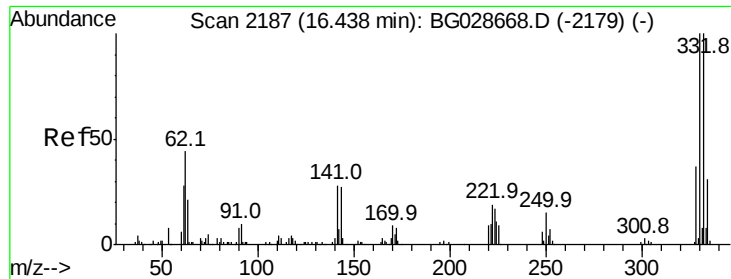
Tot Ion	82	Resp	275675
Ion	Ratio	Lower	Upper
82	100		
128	42.0	26.4	39.6#
54	53.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG028859.D
Acq: 21 Sep 2017 15:41

Tgt Ion	164	Resp	105859
Ion	Ratio	Lower	Upper
164	100		
162	100.2	85.1	127.7
160	42.7	34.7	52.1

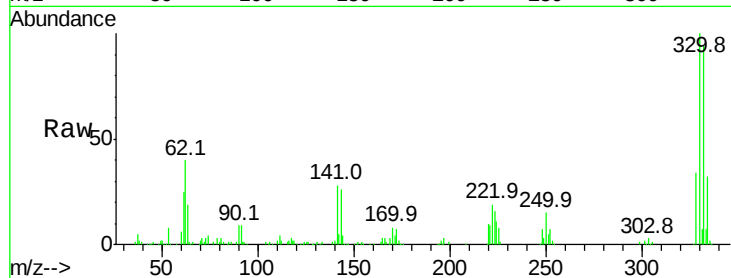




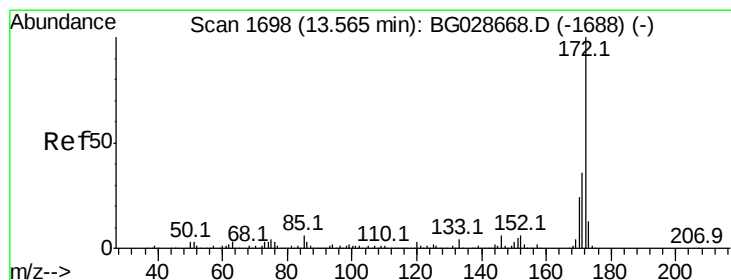
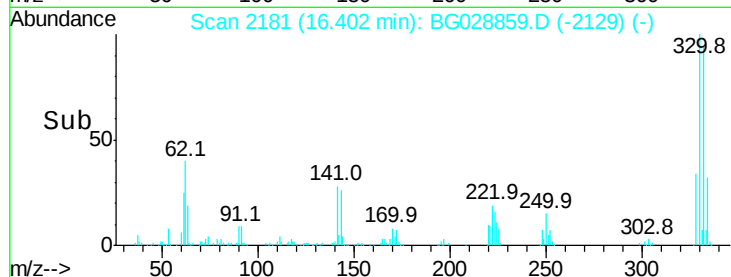
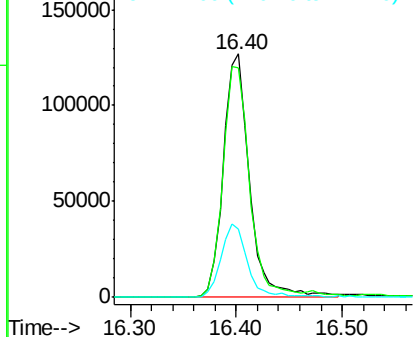
#41
 2,4,6-Tribromophenol
 Concen: 125.060 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BG028859.D
 Acq: 21 Sep 2017 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 218960
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 29.7 32.1 48.1#

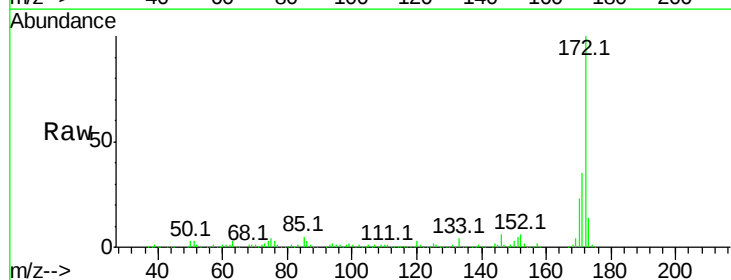


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

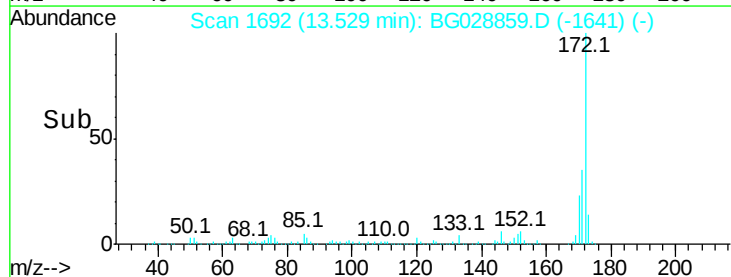
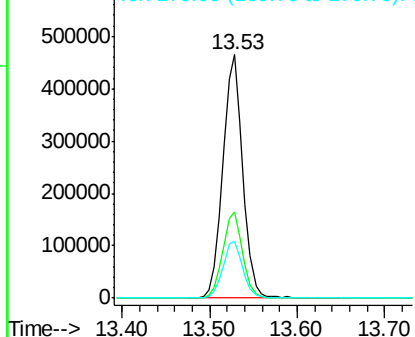


#44
 2-Fluorobiphenyl
 Concen: 91.727 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG028859.D
 Acq: 21 Sep 2017 15:41

Tgt Ion:172 Resp: 728210
 Ion Ratio Lower Upper
 172 100
 171 35.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

Instrument :

BNA_G

ClientSampleId :

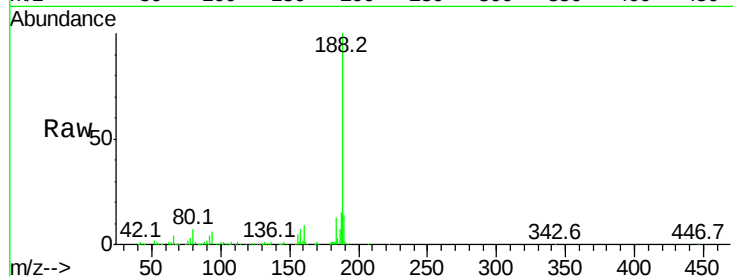
Tot Ion:188 Resp: 290620

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

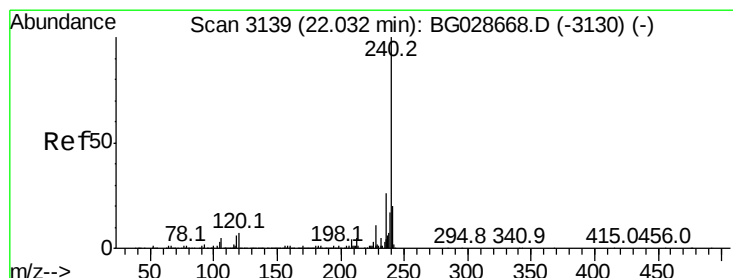
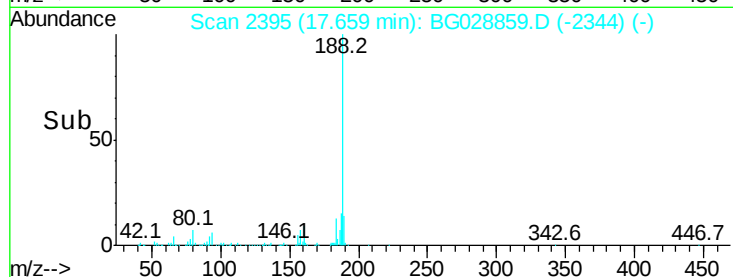
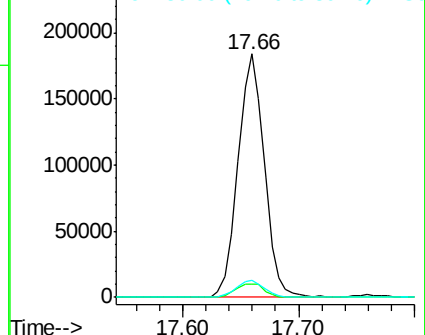
80 6.8 7.5 11.3#



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: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

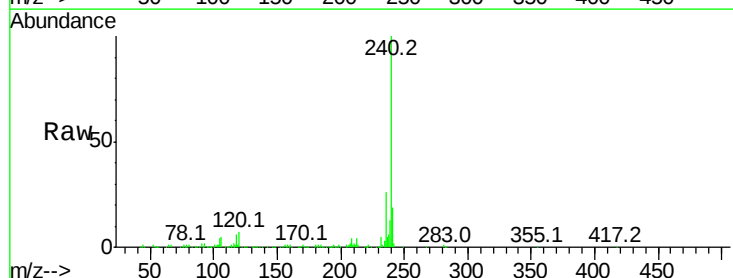
Tgt Ion:240 Resp: 320884

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

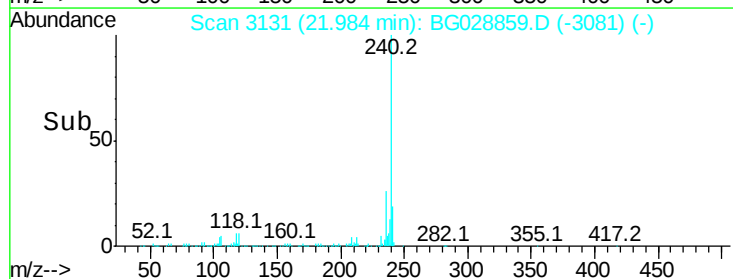
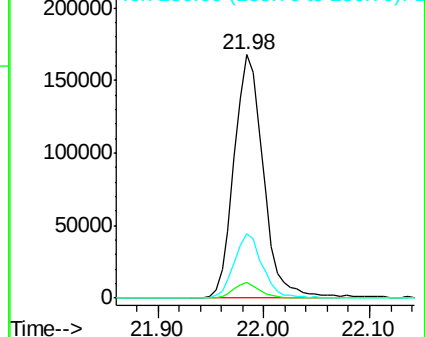
236 26.2 22.2 33.4

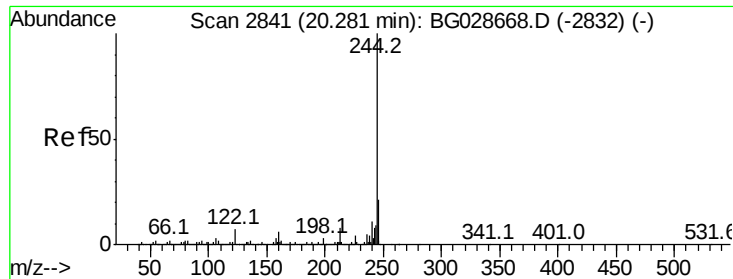


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.154 ng

RT: 20.25 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

Instrument :

BNA_G

ClientSampleId :

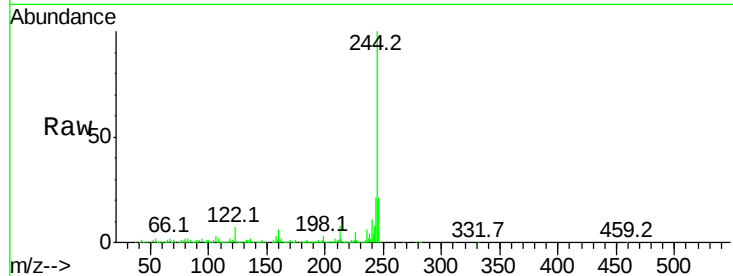
Tot Ion:244 Resp: 1401671

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

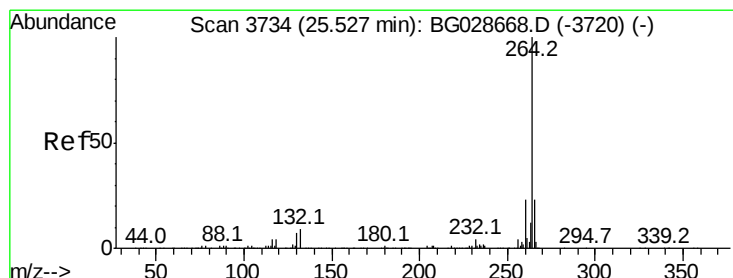
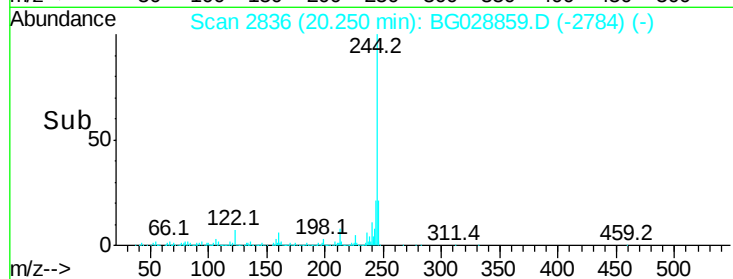
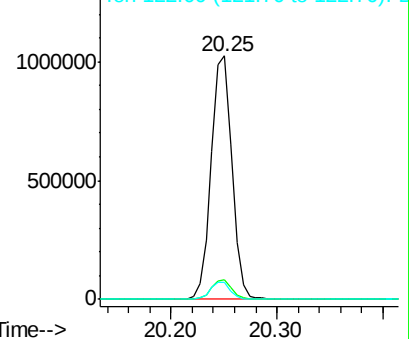
122 7.0 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3723

Delta R.T. 0.01 min

Lab File: BG028859.D

Acq: 21 Sep 2017 15:41

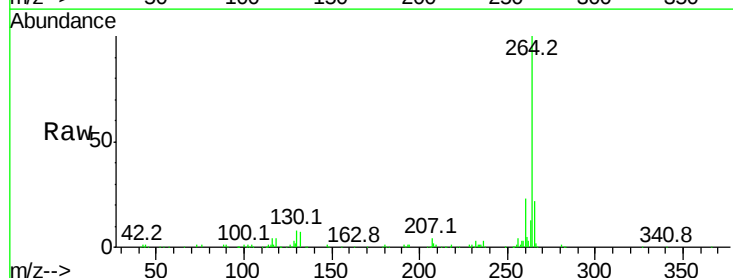
Tgt Ion:264 Resp: 312763

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 22.4 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

