

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028958.D
 Acq On : 28 Sep 2017 1:03
 Operator : SJ/JU
 Sample : I5453-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-092517

Quant Time: Sep 28 03:03:48 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	31718	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	131176	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	99240	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	290647	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	334806	20.00	ng	-0.06
86) Perylene-d12	25.42	264	341606	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	128896	67.05	ng	-0.05
7) Phenol-d6	7.44	99	112915	39.01	ng	-0.05
23) Nitrobenzene-d5	9.45	82	267849	97.68	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	277476	169.05	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	718187	96.50	ng	-0.05
78) Terphenyl-d14	20.23	244	1542263	98.24	ng	-0.05

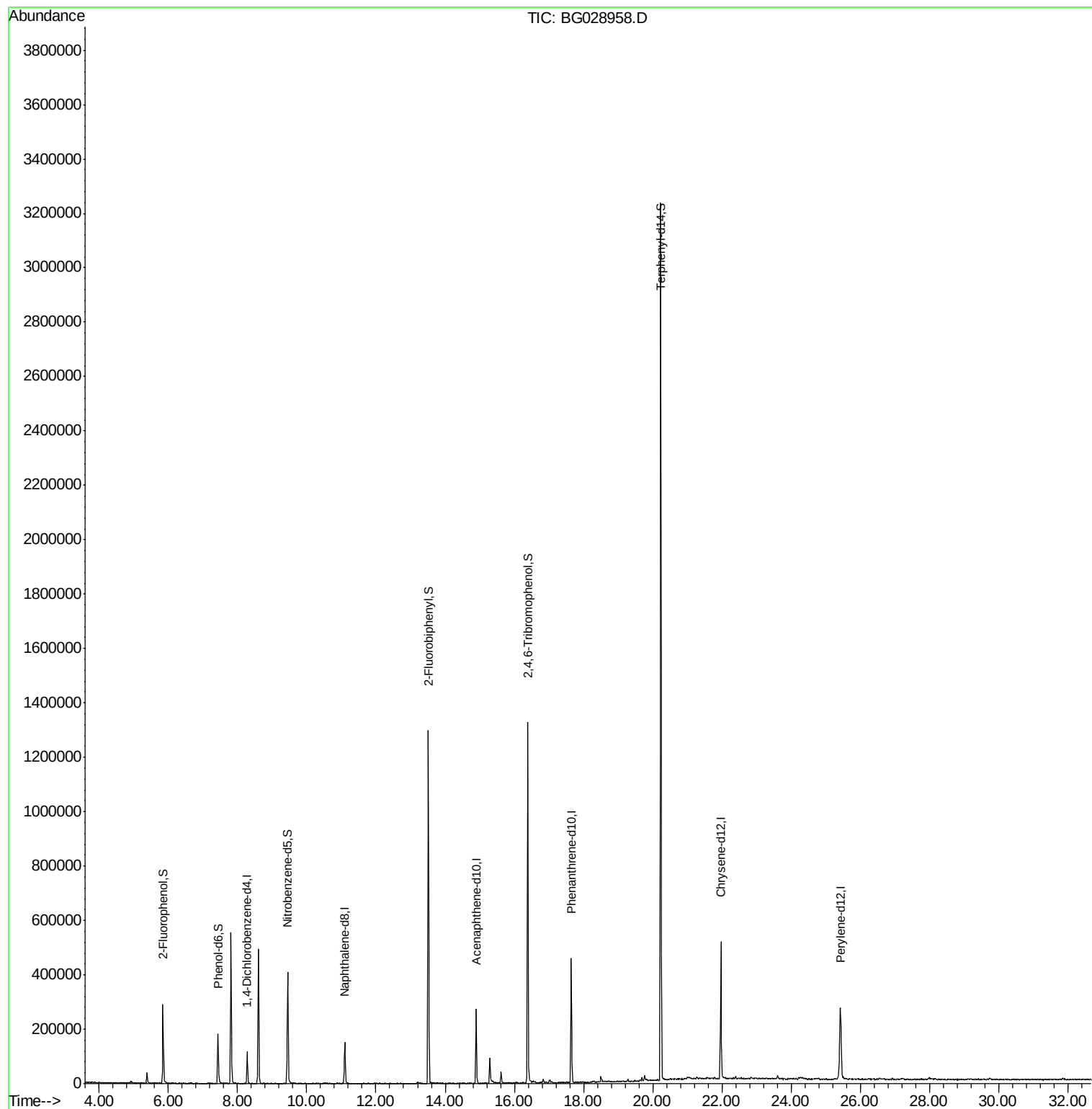
Target Compounds Qvalue

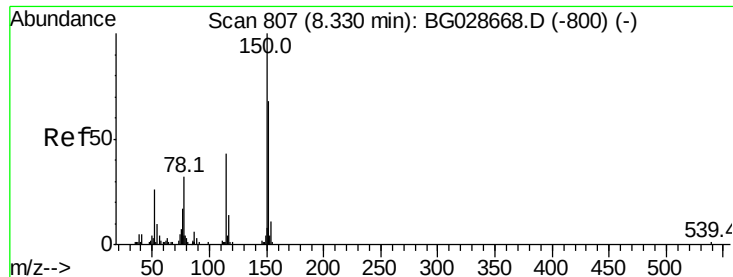
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028958.D
Acq On : 28 Sep 2017 1:03
Operator : SJ/JU
Sample : I5453-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-2-092517

Quant Time: Sep 28 03:03:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

Instrument :

BNA_G

ClientSampleId :

TW-2-092517

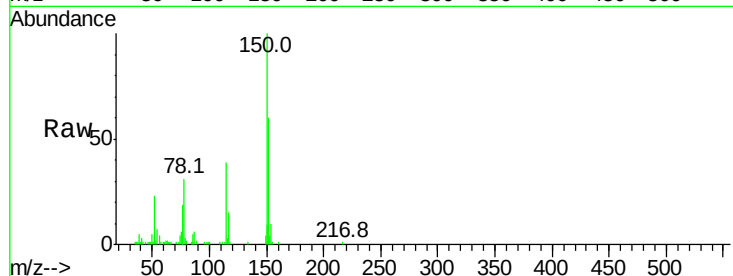
Tot Ion:152 Resp: 31718

Ion Ratio Lower Upper

152 100

150 166.1 114.0 171.0

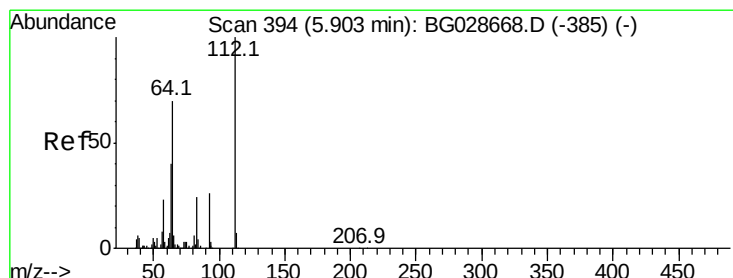
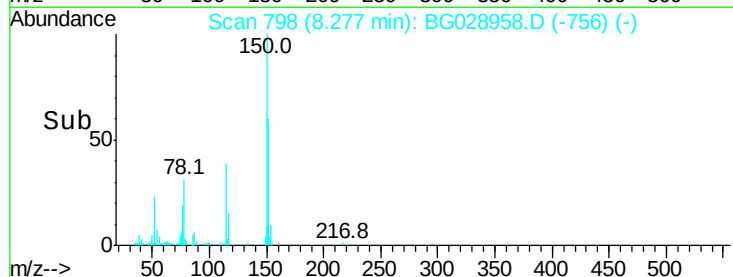
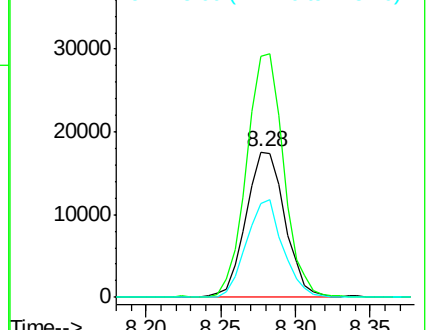
115 64.8 48.1 72.1



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: 67.055 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

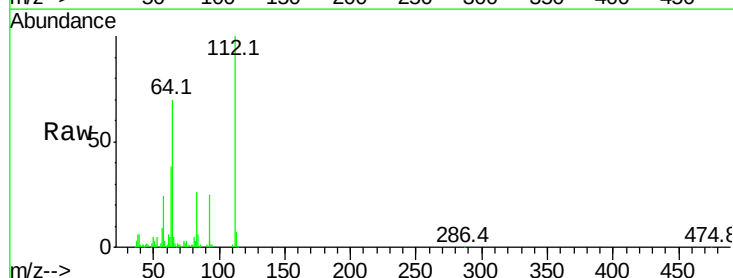
Tgt Ion:112 Resp: 128896

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

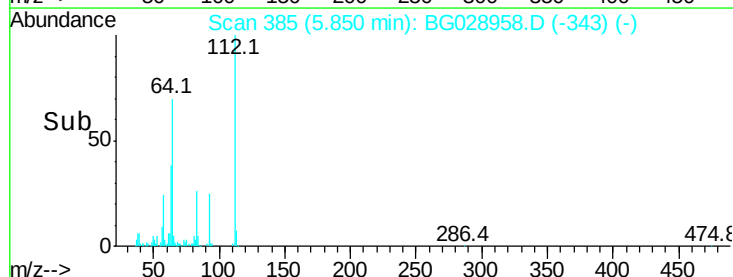
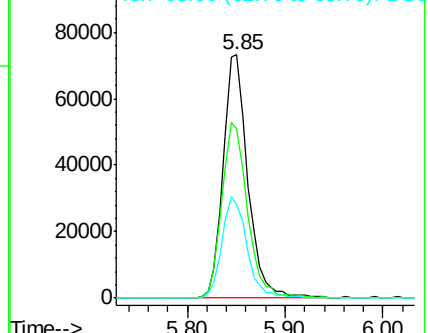
63 38.4 37.2 55.8

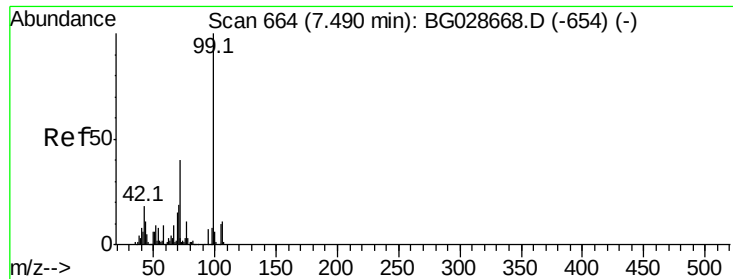


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.015 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

Instrument :

BNA_G

ClientSampleId :

TW-2-092517

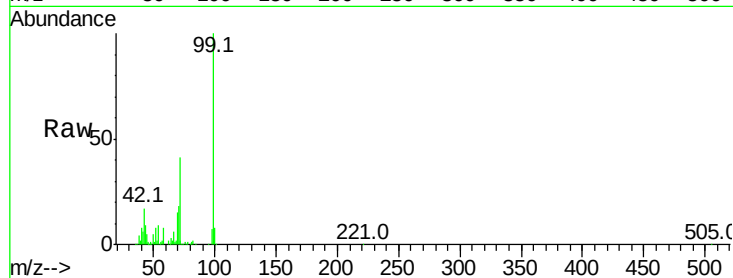
Tot Ion: 99 Resp: 112915

Ion Ratio Lower Upper

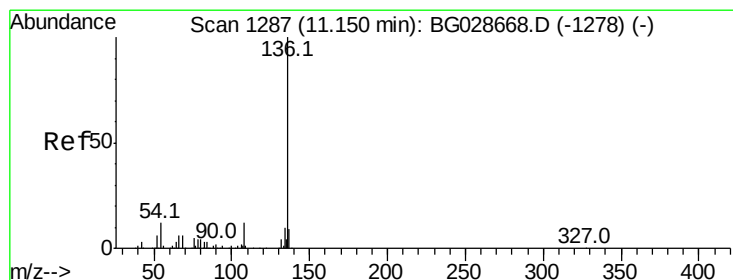
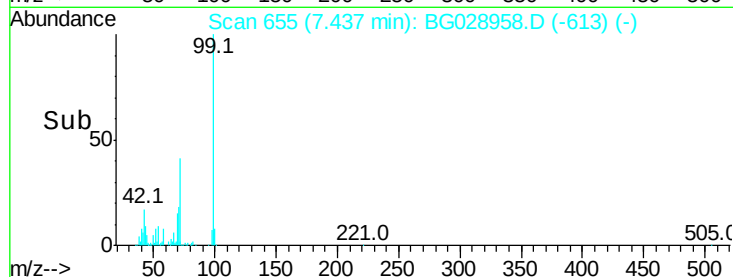
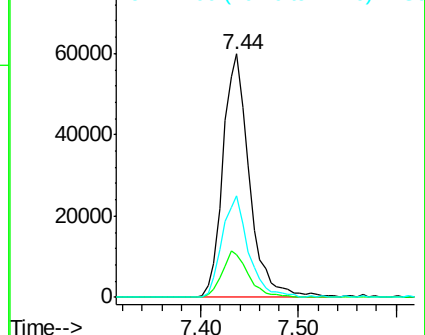
99 100

42 17.3 20.5 30.7#

71 41.5 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: BG028958.D

Acq: 28 Sep 2017 1:03

Tgt Ion: 136 Resp: 131176

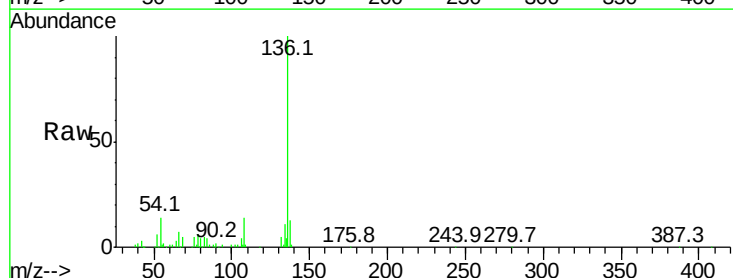
Ion Ratio Lower Upper

136 100

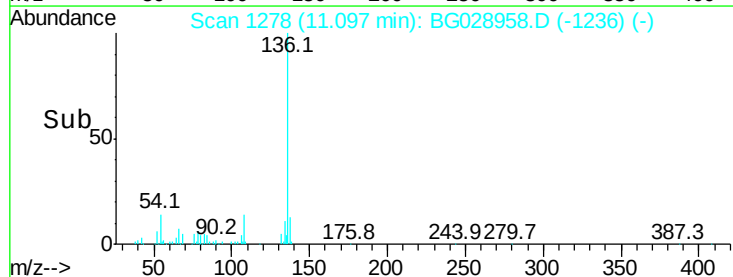
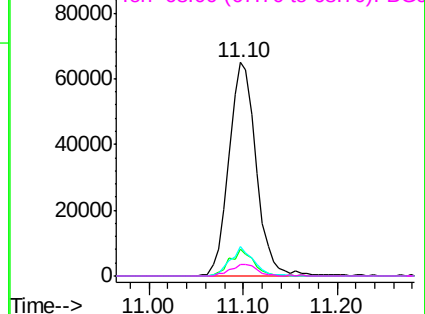
137 12.6 8.9 13.3

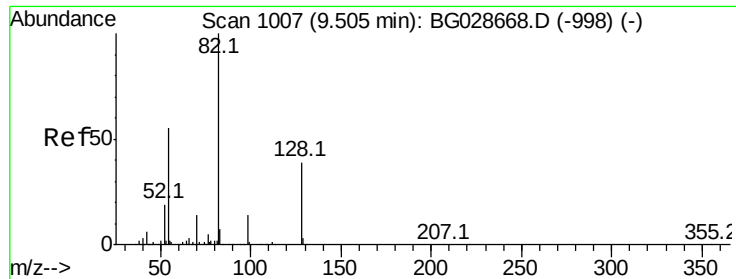
54 13.6 9.3 13.9

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

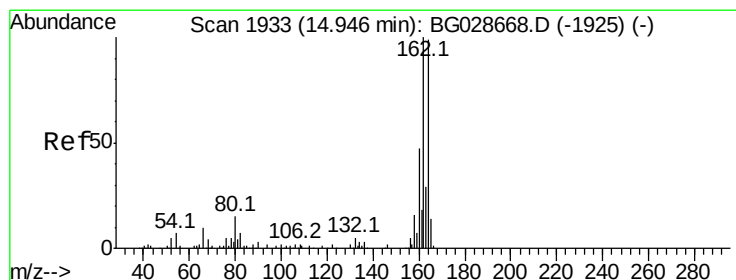
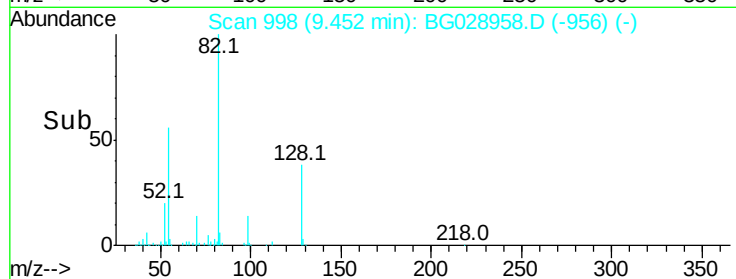
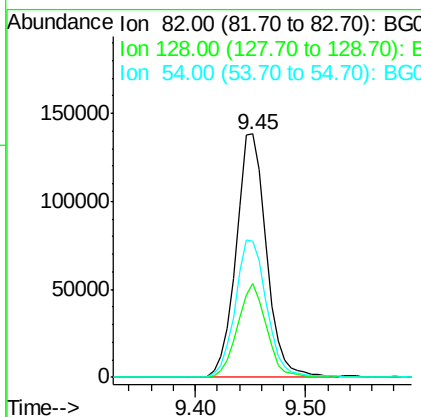
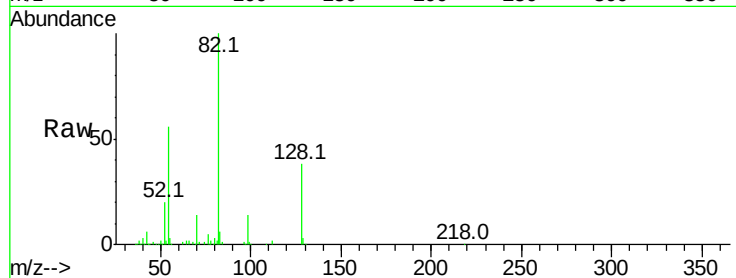




#23
Nitrobenzene-d5
Concen: 97.679 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028958.D
Acq: 28 Sep 2017 1:03

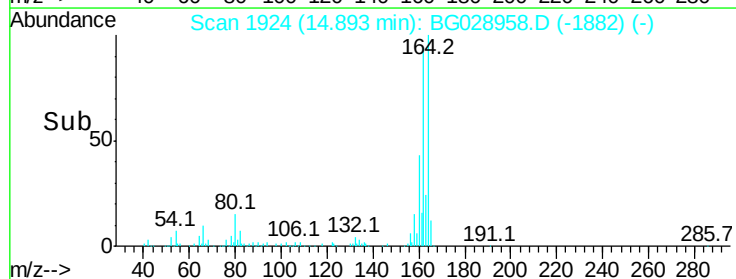
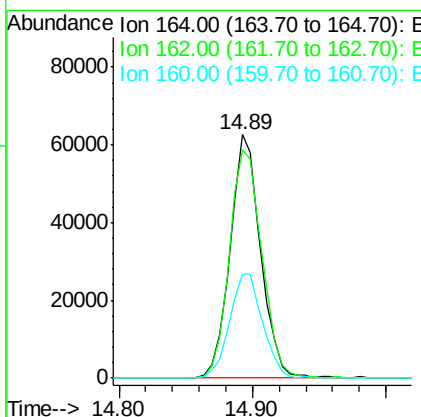
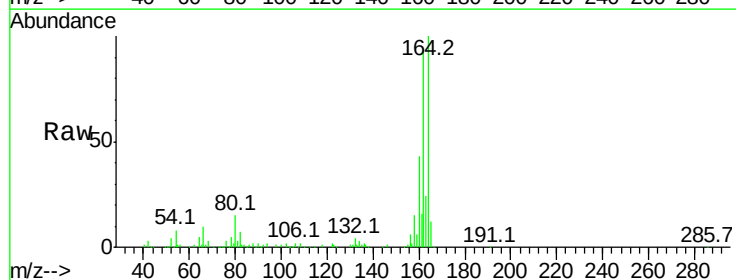
Instrument :
BNA_G
ClientSampleId :
TW-2-092517

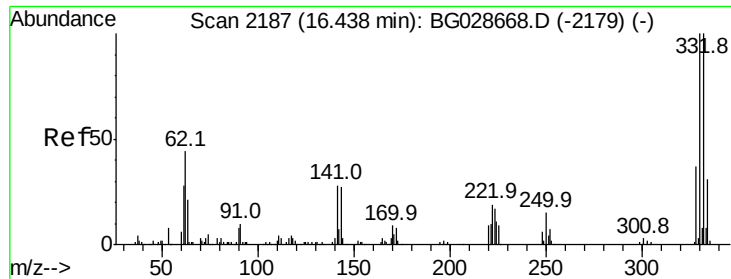
Tot Ion	82	Resp	267849
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	56.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028958.D
Acq: 28 Sep 2017 1:03

Tgt Ion	164	Resp	99240
Ion	Ratio	Lower	Upper
164	100		
162	93.7	85.1	127.7
160	42.6	34.7	52.1

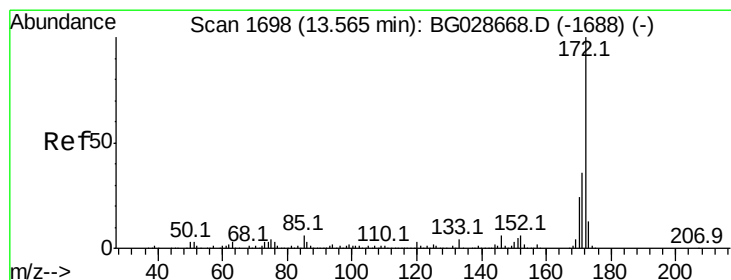
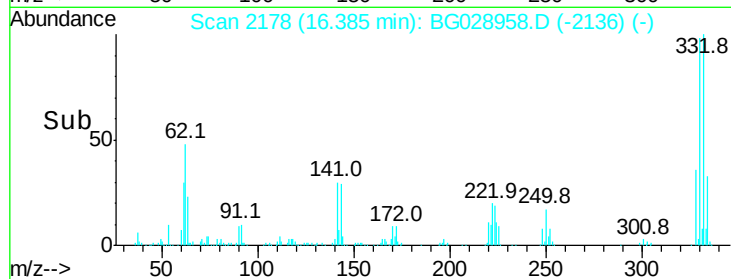
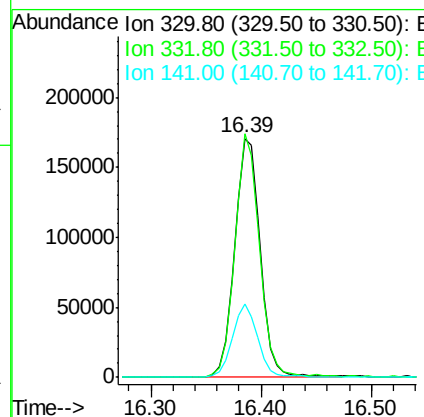
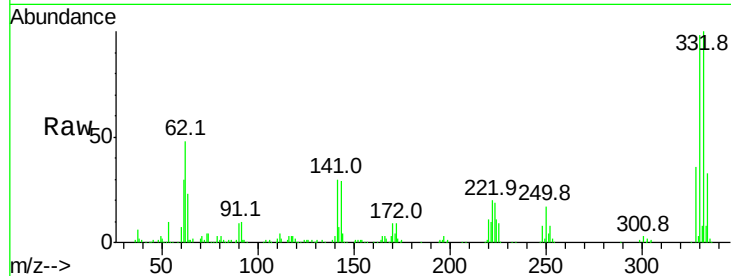




#41
 2,4,6-Tribromophenol
 Concen: 169.052 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028958.D
 Acq: 28 Sep 2017 1:03

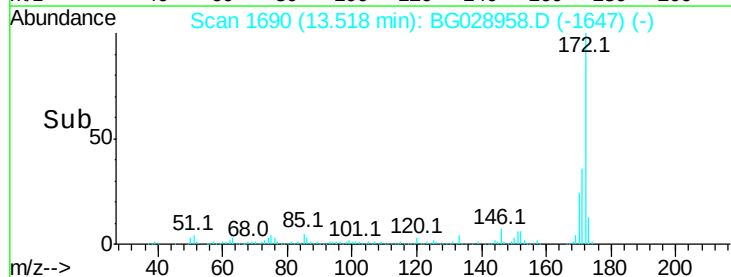
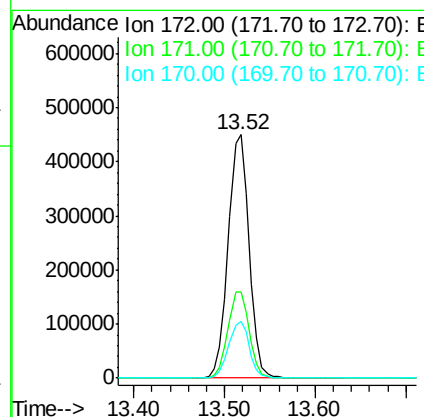
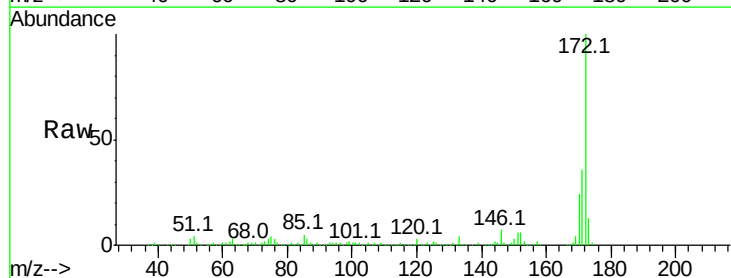
Instrument :
 BNA_G
 ClientSampleId :
 TW-2-092517

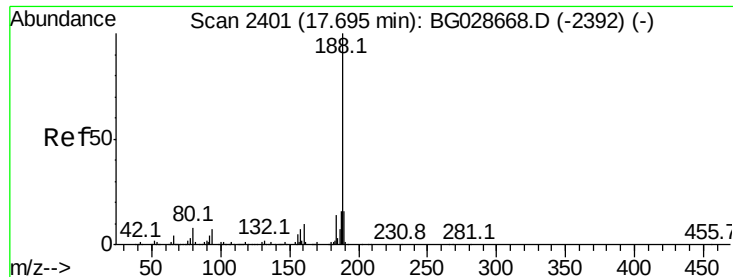
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	30.4	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 96.498 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028958.D
 Acq: 28 Sep 2017 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	23.5	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

Instrument :

BNA_G

ClientSampleId :

TW-2-092517

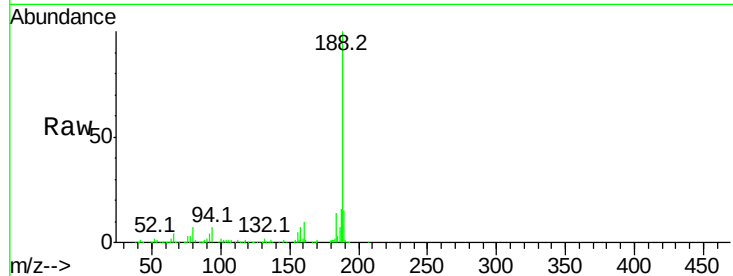
Tot Ion:188 Resp: 290647

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

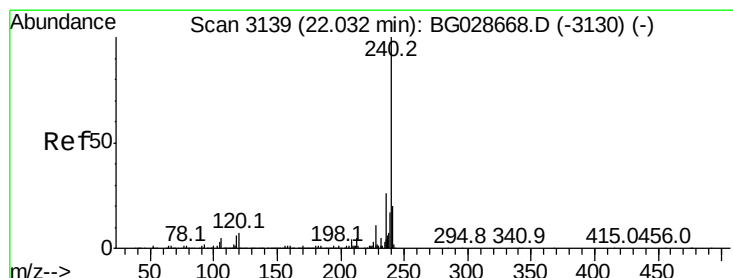
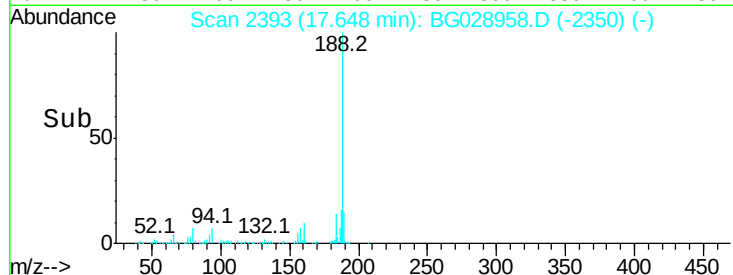
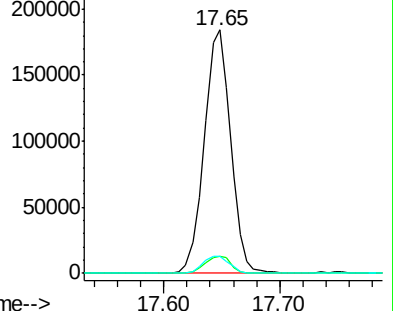
80 6.9 7.5 11.3#



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. -0.06 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

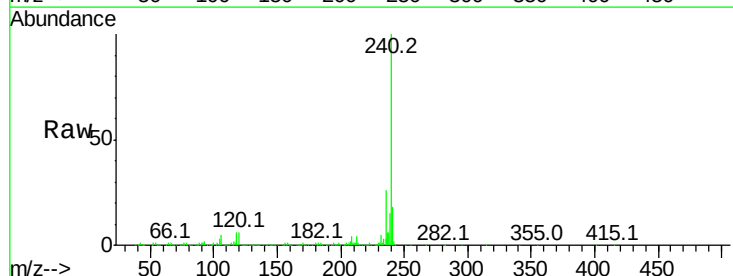
Tgt Ion:240 Resp: 334806

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

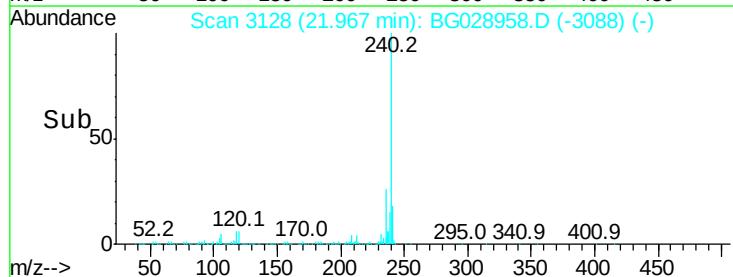
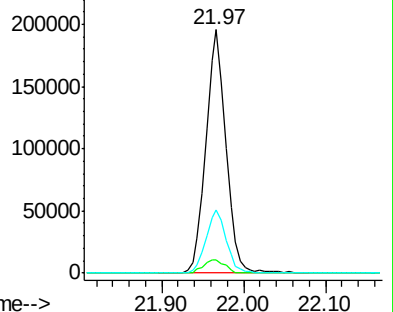
236 26.2 22.2 33.4

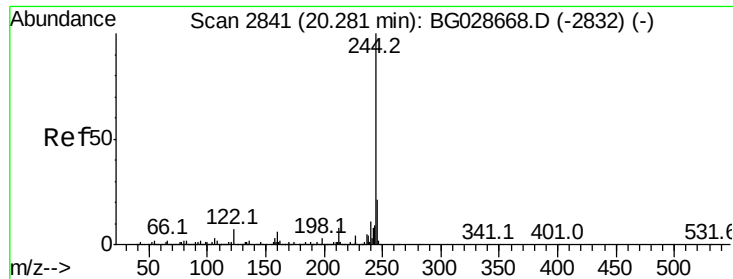


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.235 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

Instrument :

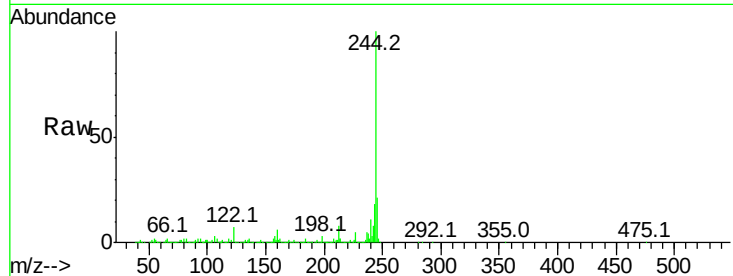
BNA_G

ClientSampleId :

TW-2-092517

Tot Ion:244 Resp: 1542263

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	7.4	8.6	12.8#

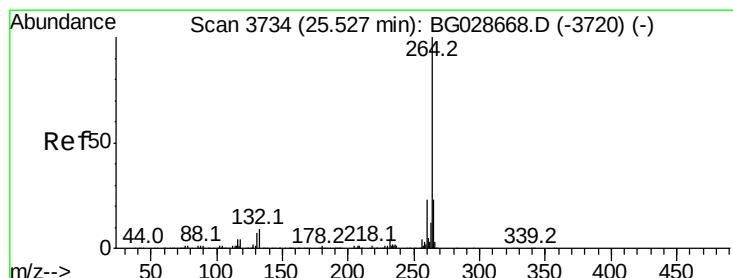
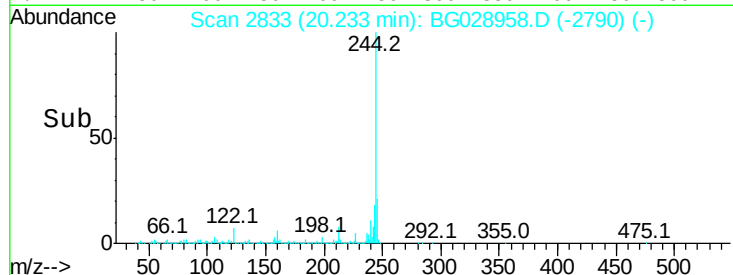
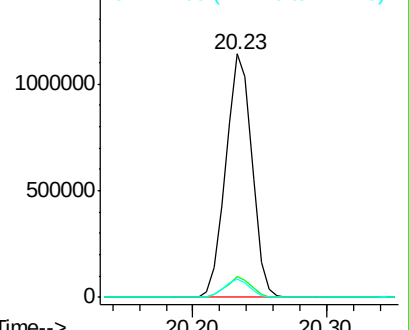


Abundance

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: 25.42 min Scan# 3716

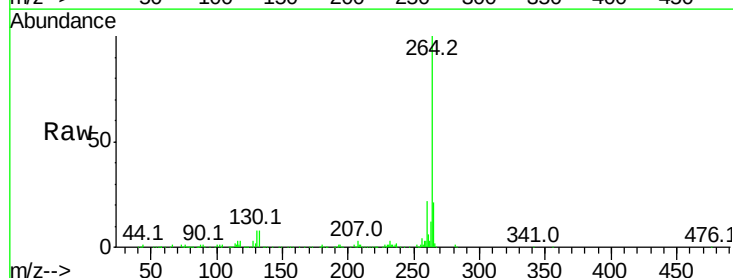
Delta R.T. -0.11 min

Lab File: BG028958.D

Acq: 28 Sep 2017 1:03

Tgt Ion:264 Resp: 341606

Ion	Ratio	Lower	Upper
264	100		
260	21.7	21.8	32.8#
265	21.1	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

