

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028744.D
 Acq On : 14 Sep 2017 22:40
 Operator : SJ/JU
 Sample : PB102326BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BL

Quant Time: Sep 15 07:52:46 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	8.33	152	25709	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	100961	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	69736	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	212755	20.00	ng	0.00
75) Chrysene-d12	22.02	240	267925	20.00	ng	0.00
86) Perylene-d12	25.52	264	267610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	149531	95.97	ng	0.00
7) Phenol-d6	7.48	99	195870	83.50	ng	0.00
23) Nitrobenzene-d5	9.50	82	186838	88.53	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	69917	60.62	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	496836	95.00	ng	0.00
78) Terphenyl-d14	20.28	244	1114496	88.71	ng	0.00

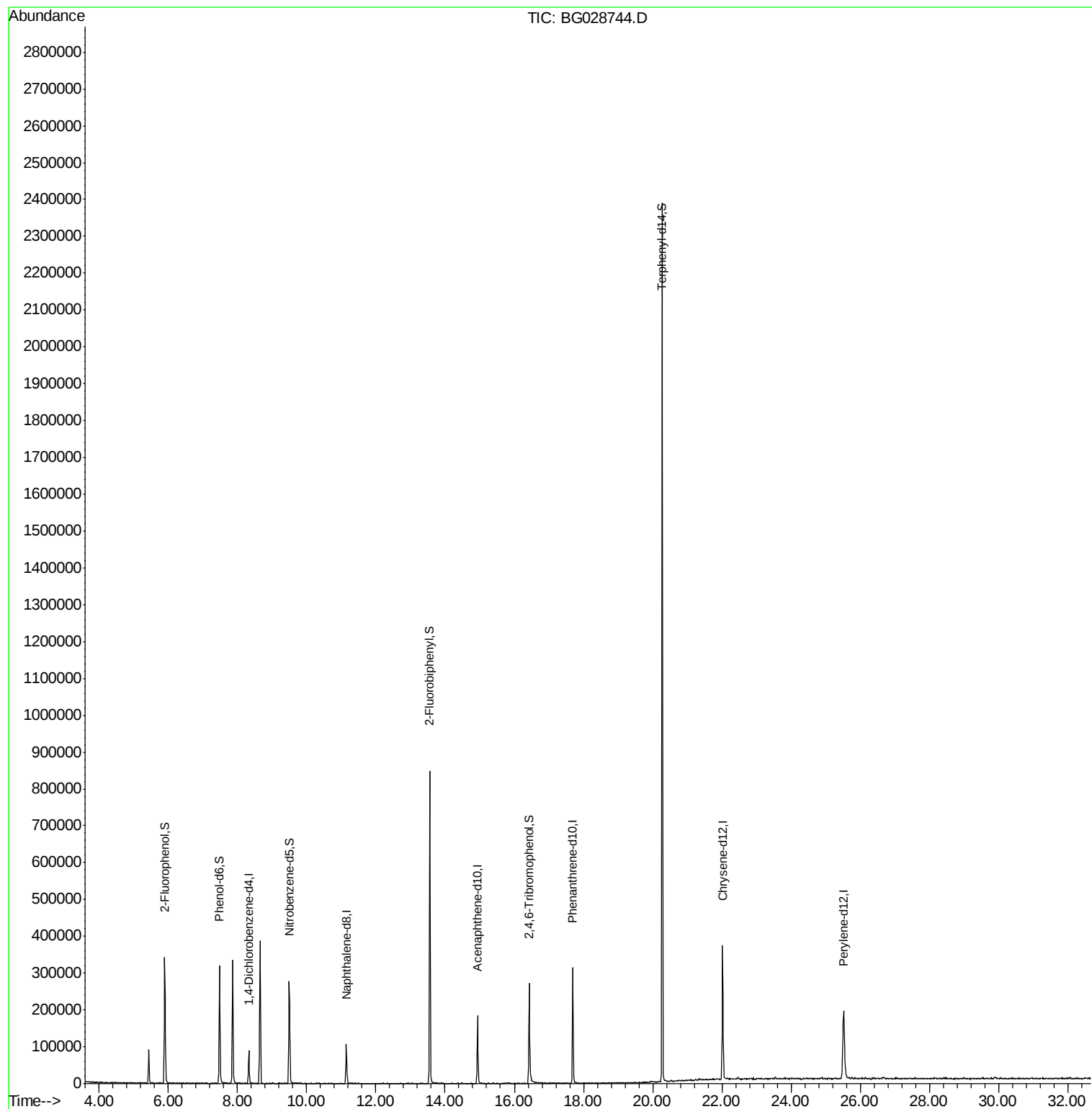
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Instrument :

BNA_G

ClientSampleId :

PB102326BL

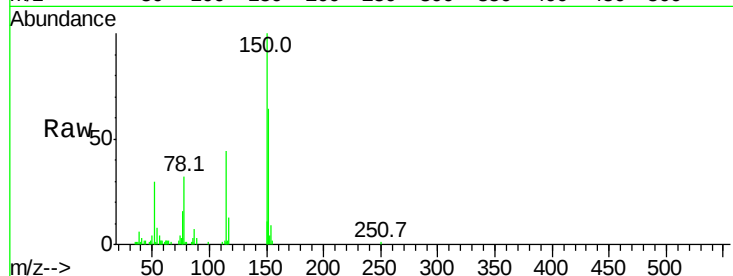
Tot Ion:152 Resp: 25709

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

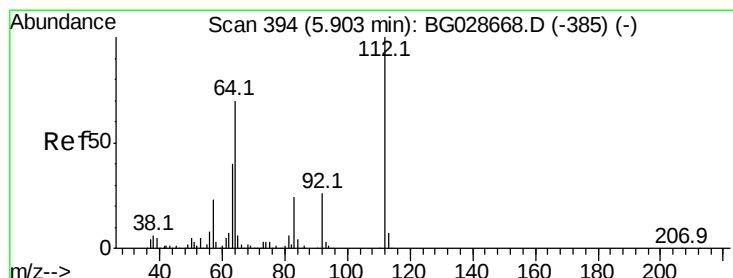
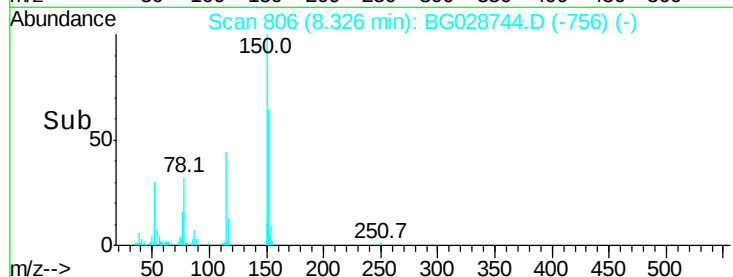
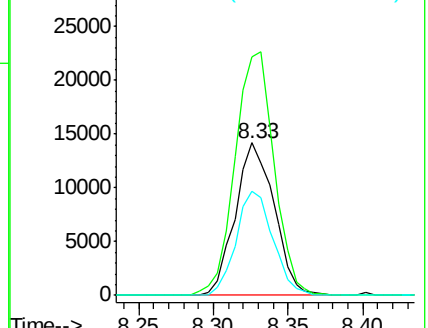
115 68.3 48.1 72.1



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: 95.972 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

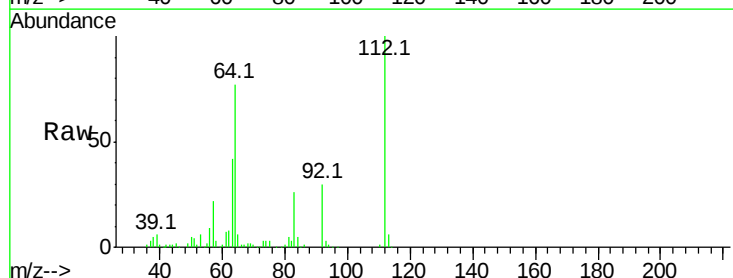
Tgt Ion:112 Resp: 149531

Ion Ratio Lower Upper

112 100

64 76.8 61.8 92.6

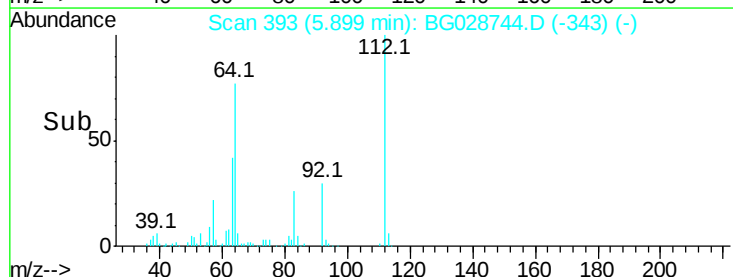
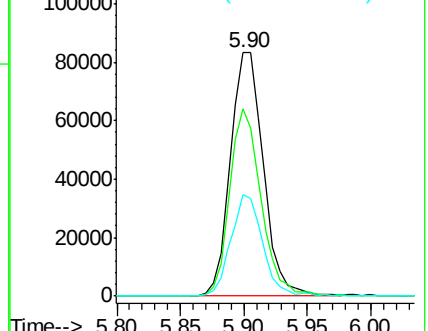
63 41.6 37.2 55.8

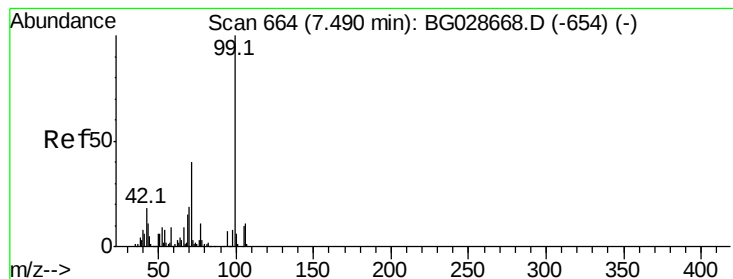


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 83.496 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Instrument :

BNA_G

ClientSampleId :

PB102326BL

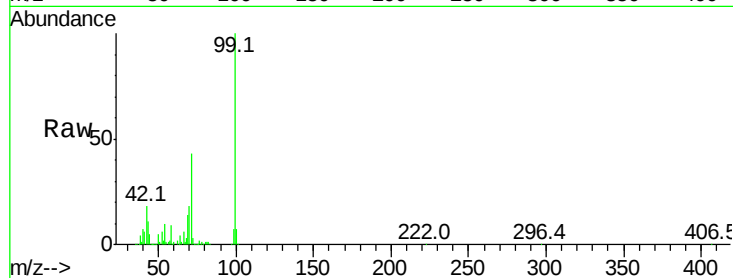
Tot Ion: 99 Resp: 195870

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

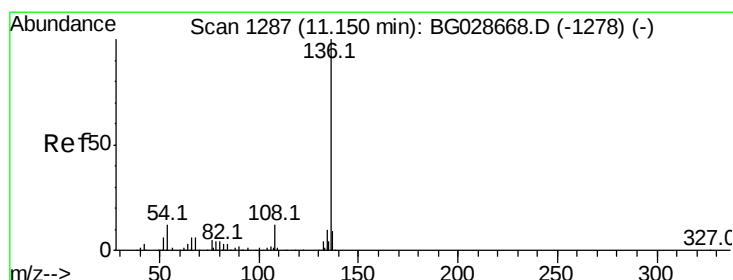
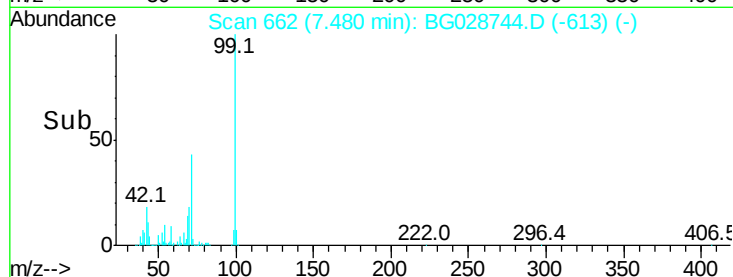
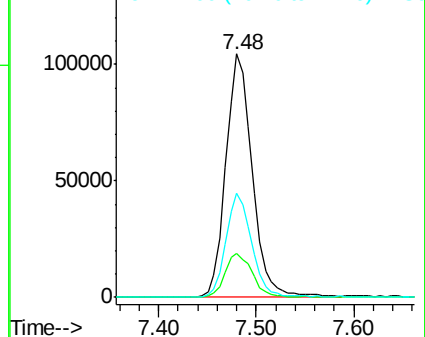
71 42.9 37.6 56.4



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: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Tgt Ion: 136 Resp: 100961

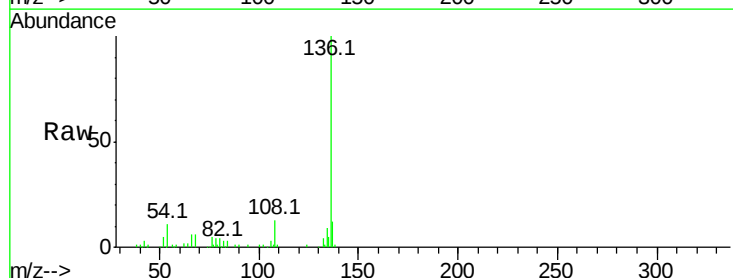
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 11.4 9.3 13.9

68 5.7 5.1 7.7

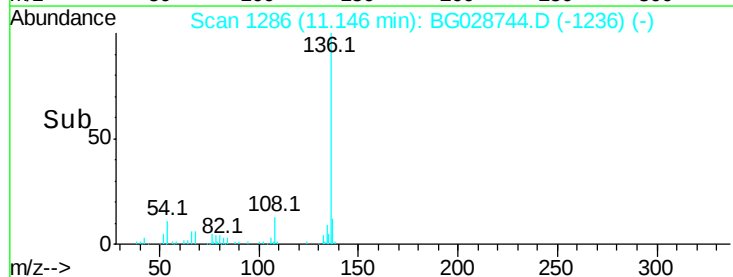
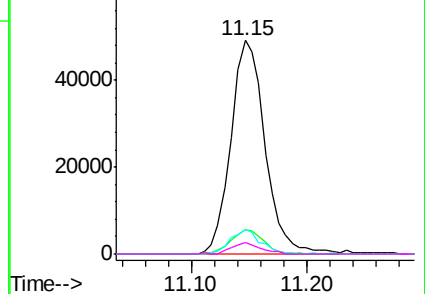


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

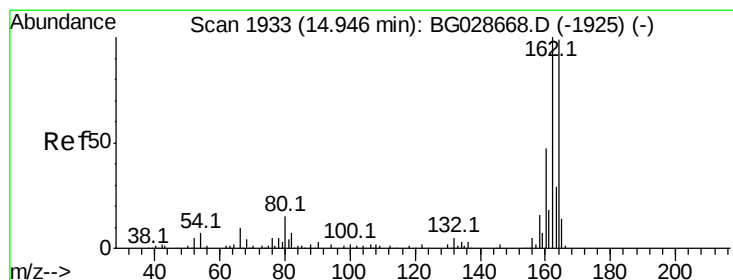
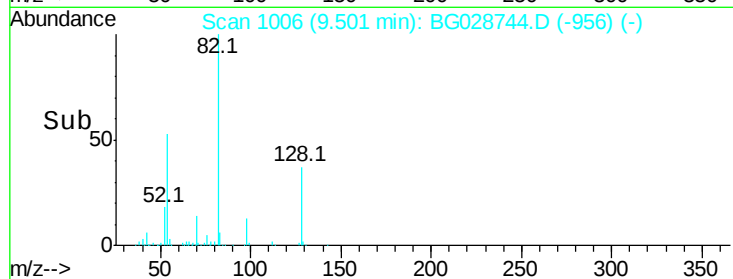
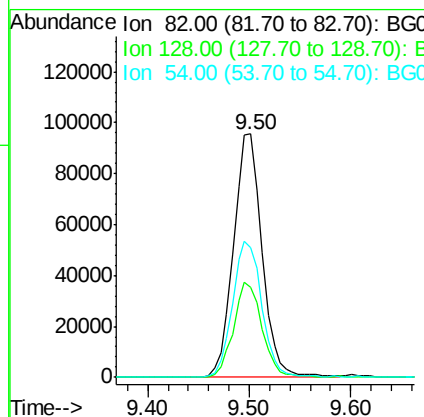
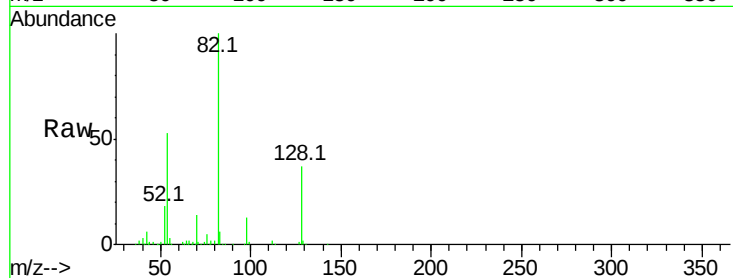




#23
Nitrobenzene-d5
Concen: 88.528 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028744.D
Acq: 14 Sep 2017 22:40

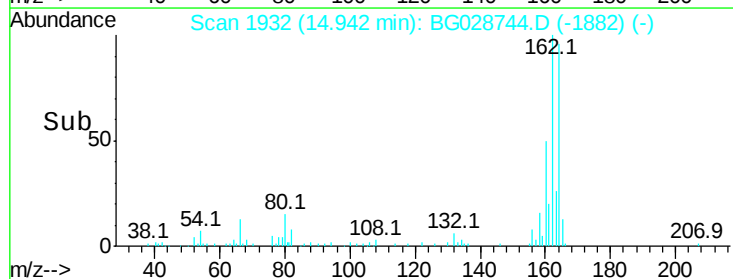
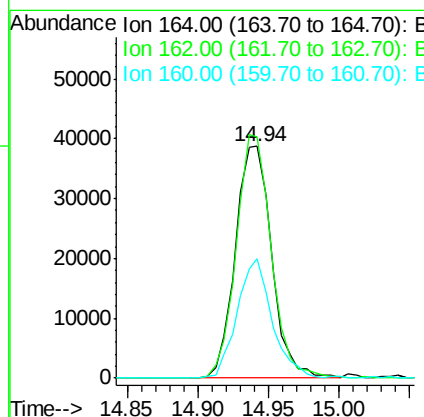
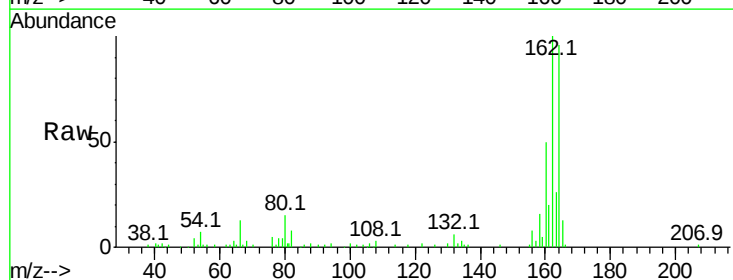
Instrument :
BNA_G
ClientSampleId :
PB102326BL

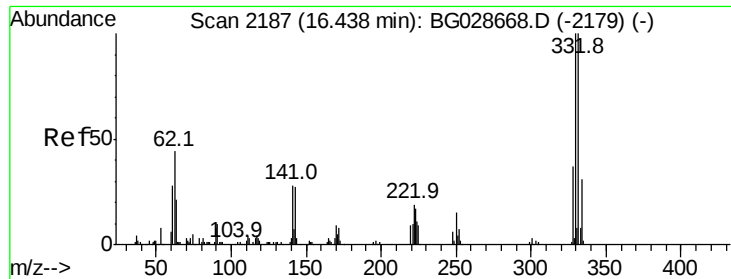
Tot Ion	82	Resp	186838
Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	53.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028744.D
Acq: 14 Sep 2017 22:40

Tgt Ion	164	Resp	69736
Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	51.7	34.7	52.1

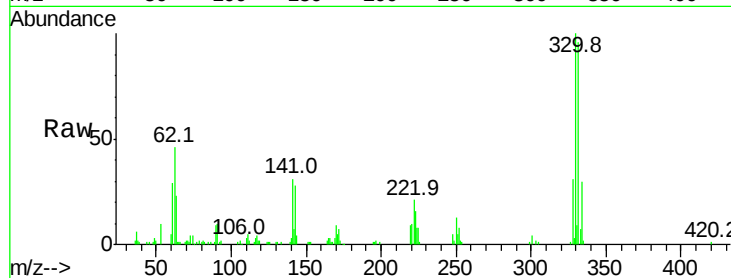




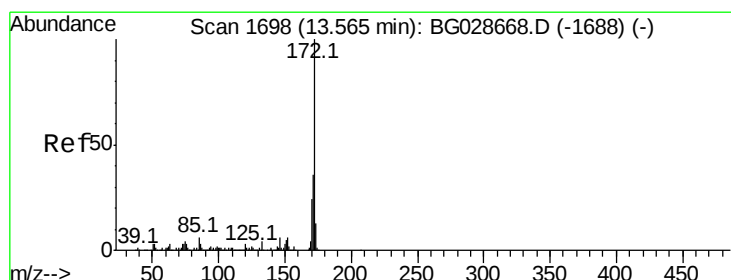
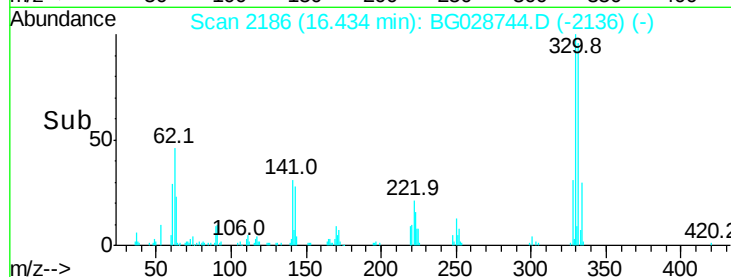
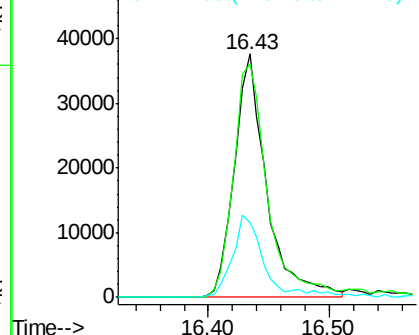
#41
 2,4,6-Tribromophenol
 Concen: 60.619 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028744.D
 Acq: 14 Sep 2017 22:40

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BL

Tot Ion:330 Resp: 69917
 Ion Ratio Lower Upper
 330 100
 332 101.0 77.3 115.9
 141 33.8 32.1 48.1

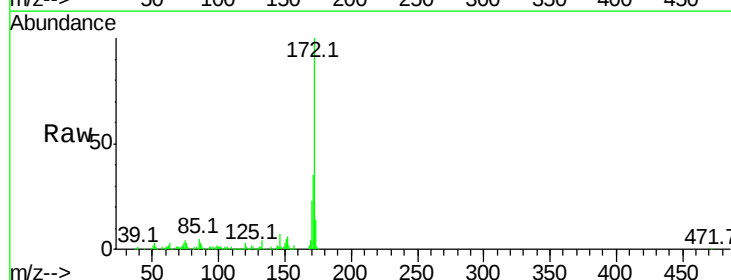


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

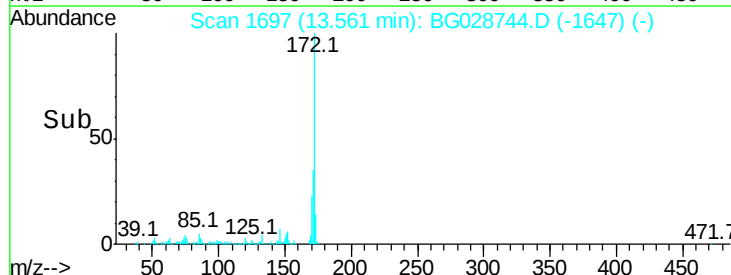
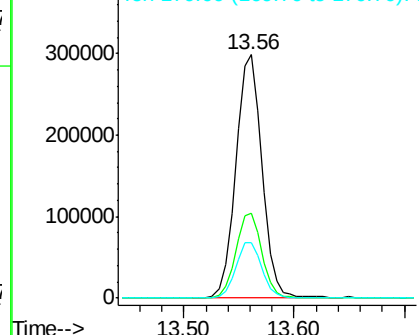


#44
 2-Fluorobiphenyl
 Concen: 95.000 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028744.D
 Acq: 14 Sep 2017 22:40

Tgt Ion:172 Resp: 496836
 Ion Ratio Lower Upper
 172 100
 171 35.1 32.2 48.2
 170 22.6 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: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Instrument :

BNA_G

ClientSampleId :

PB102326BL

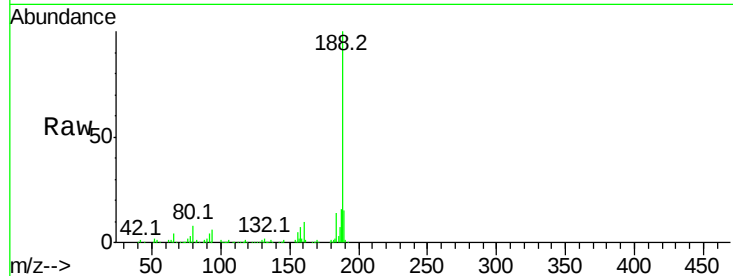
Tot Ion:188 Resp: 212755

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

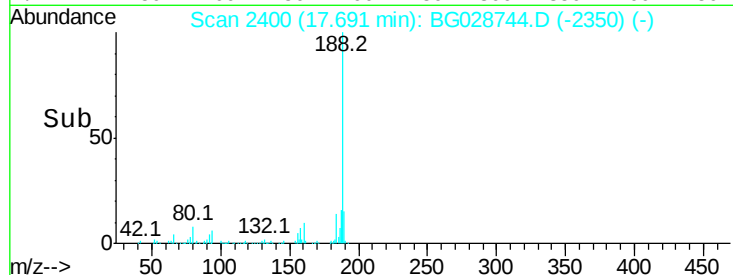
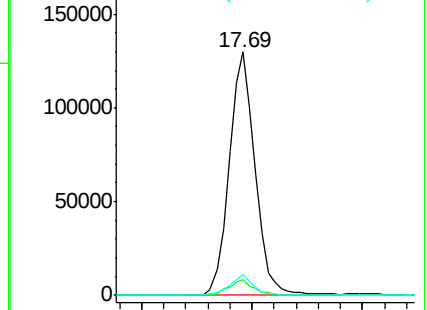
80 8.4 7.5 11.3



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

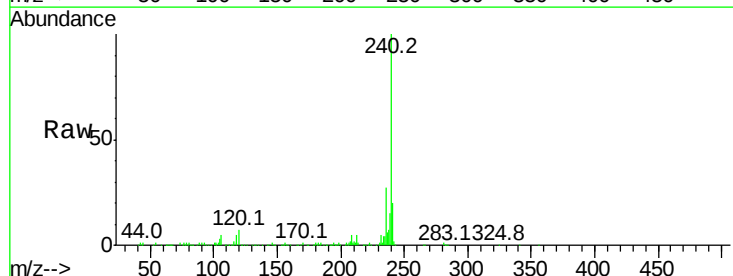
Tgt Ion:240 Resp: 267925

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

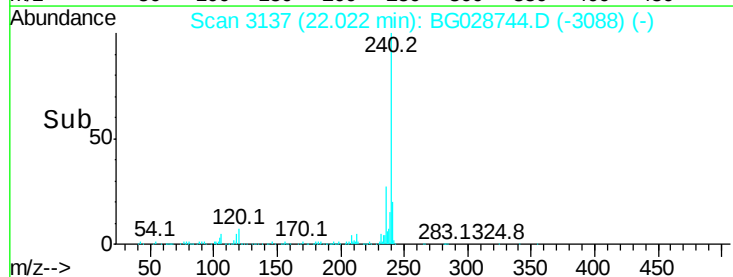
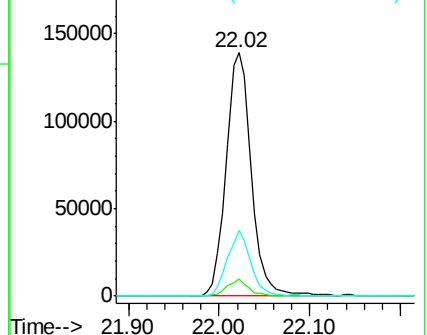
236 26.9 22.2 33.4

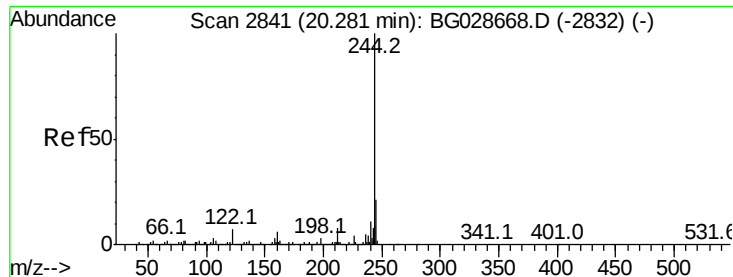


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.709 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Instrument :

BNA_G

ClientSampled :

PB102326BL

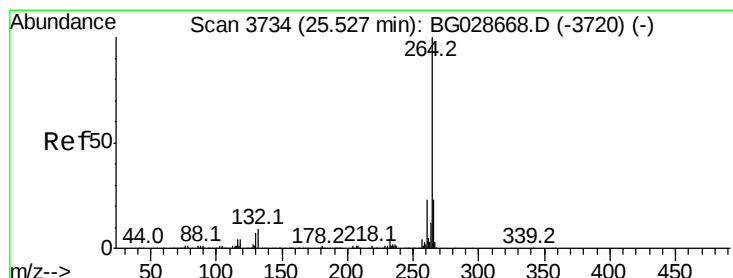
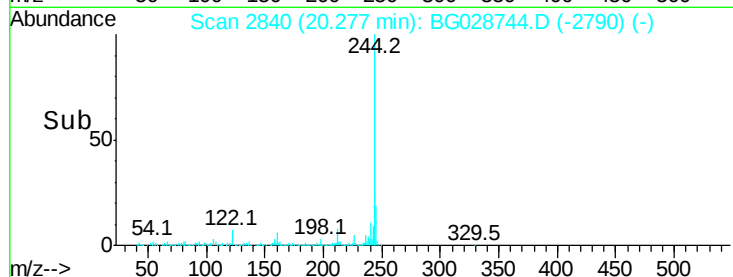
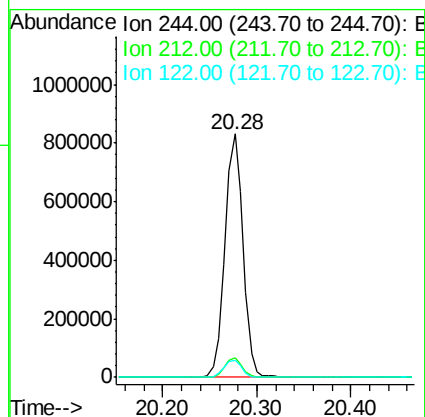
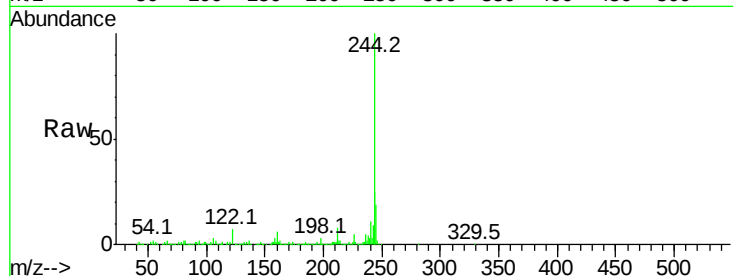
Tot Ion:244 Resp: 1114496

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 6.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

Tgt Ion:264 Resp: 267610

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 22.3 18.2 27.4

