

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

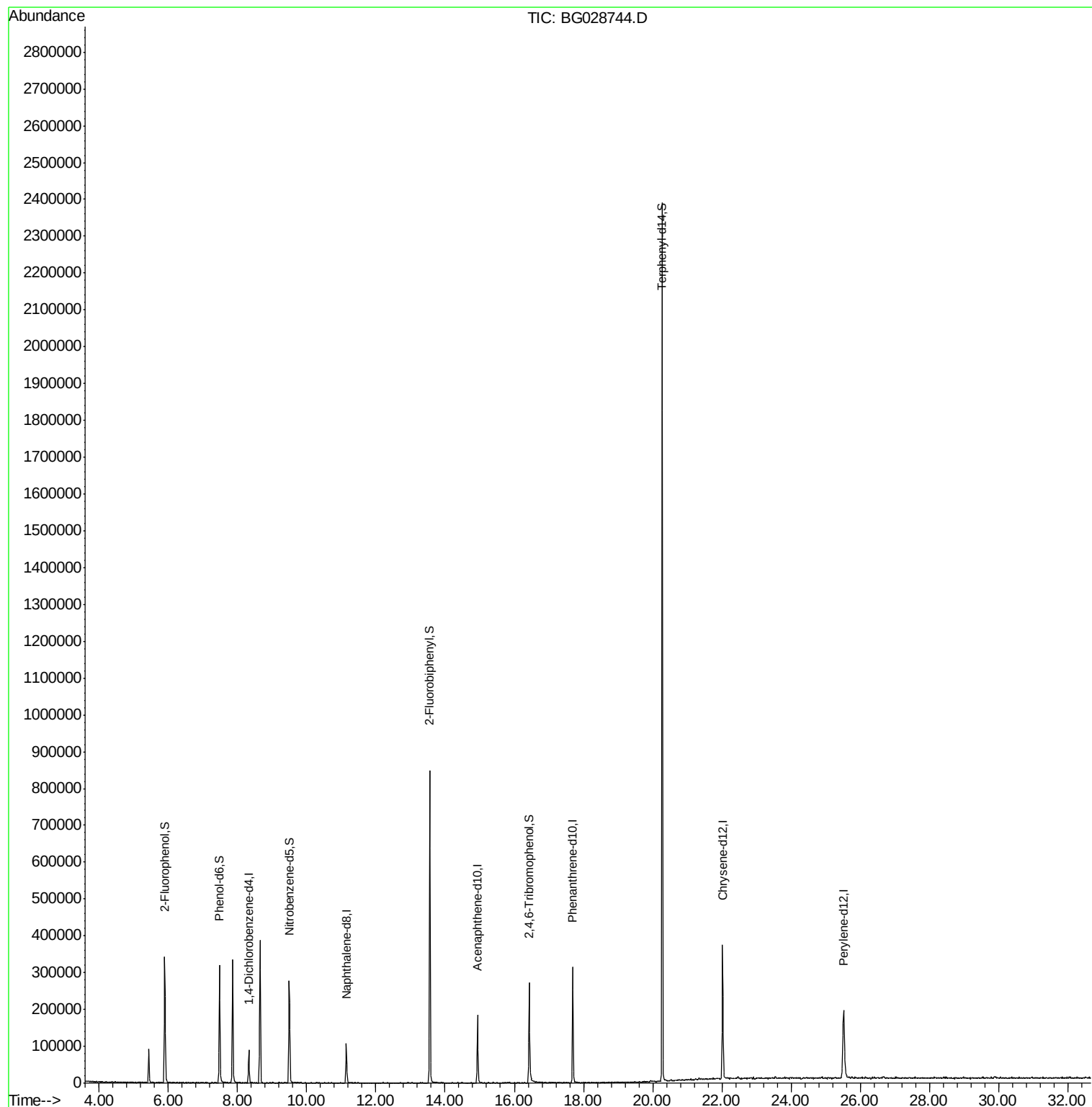
Target Compounds Qvalue

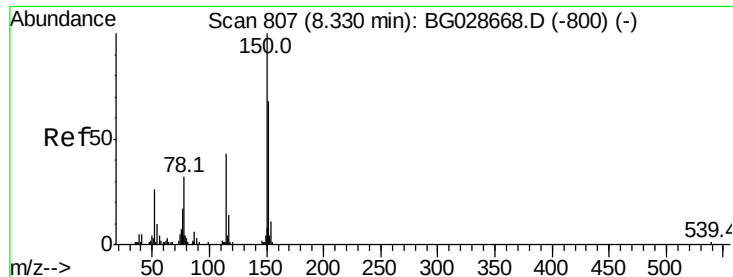
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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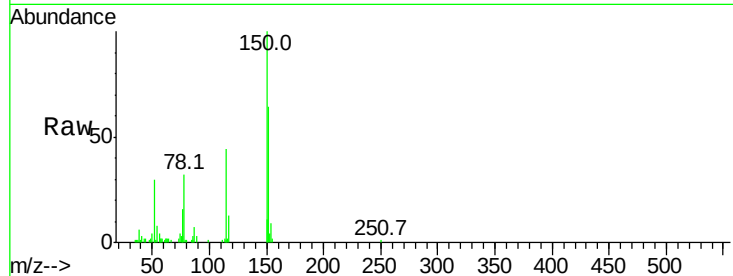


#1

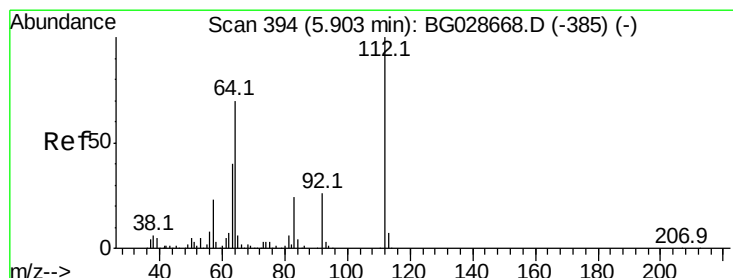
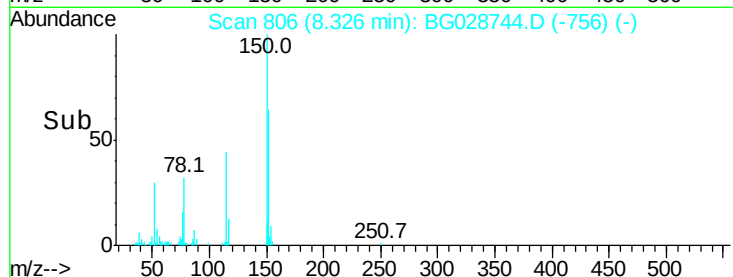
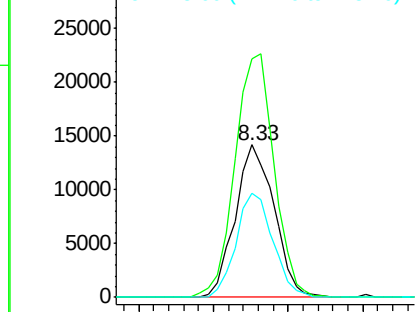
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028744.D
Acq: 14 Sep 2017 22:40

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



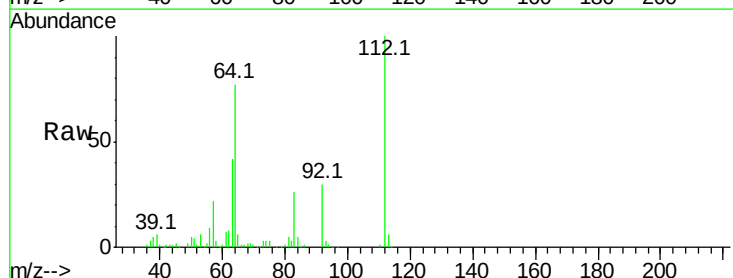
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



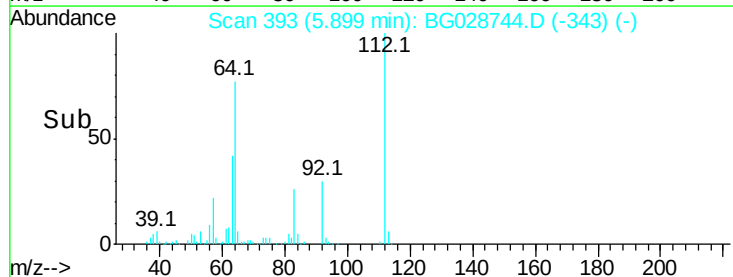
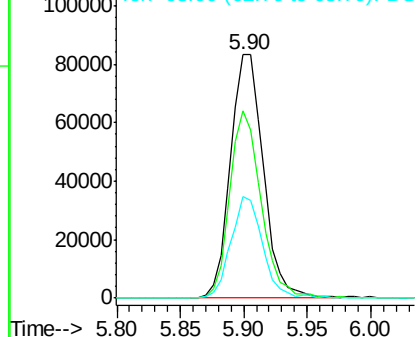
#5

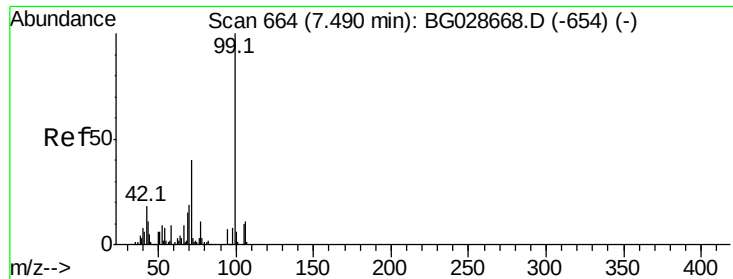
2-Fluorophenol
Concen: 95.972 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028744.D
Acq: 14 Sep 2017 22:40

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

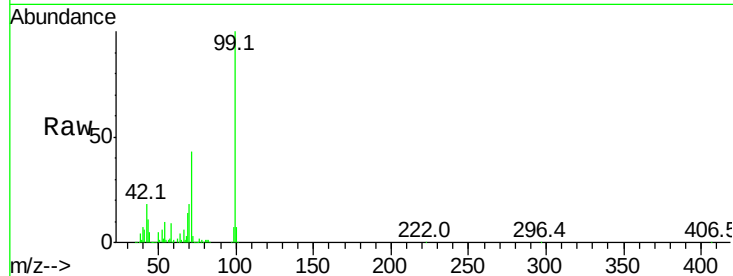
Tot Ion: 99 Resp: 195870

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

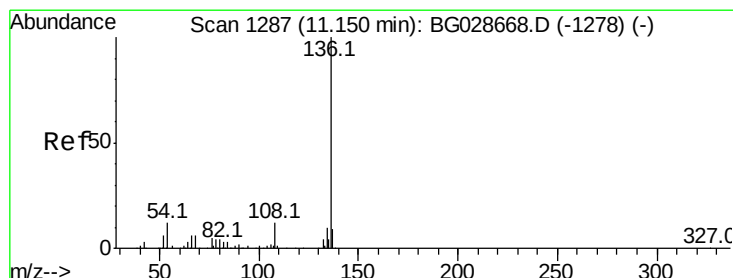
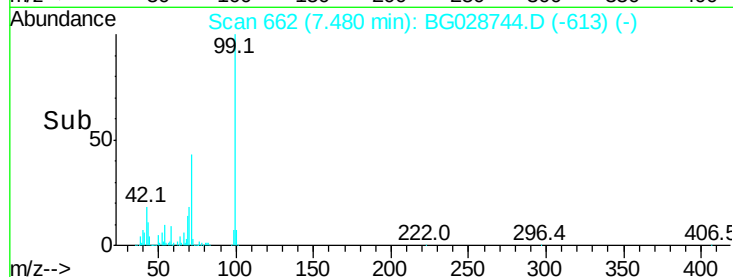
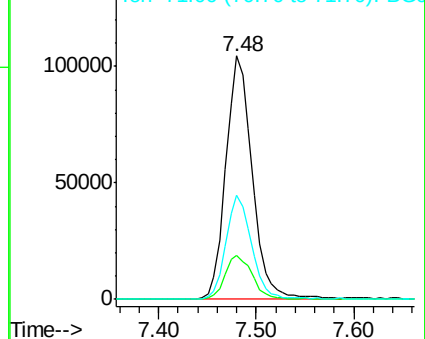
71 42.9 37.6 56.4



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

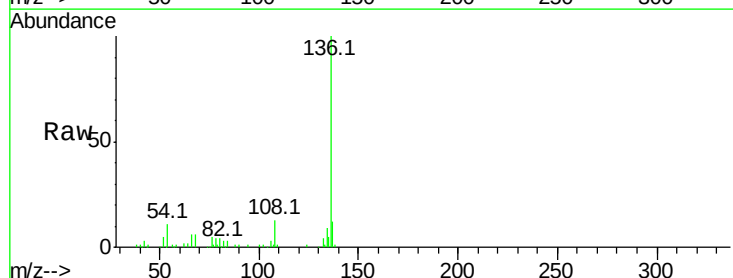
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 11.4 9.3 13.9

68 5.7 5.1 7.7

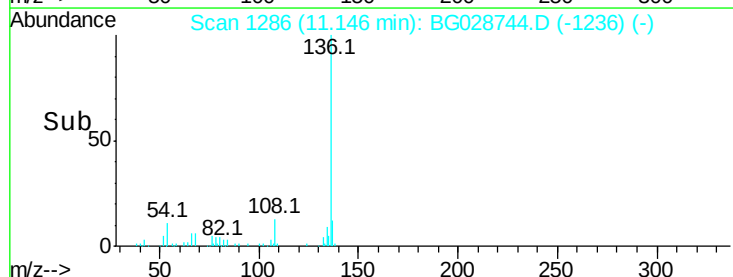
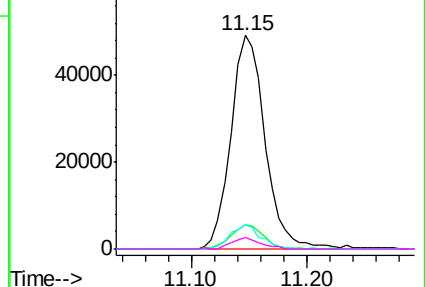


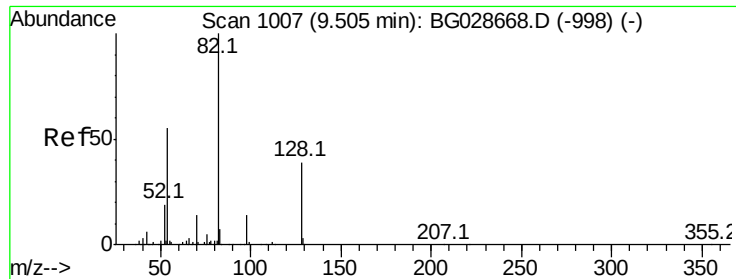
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

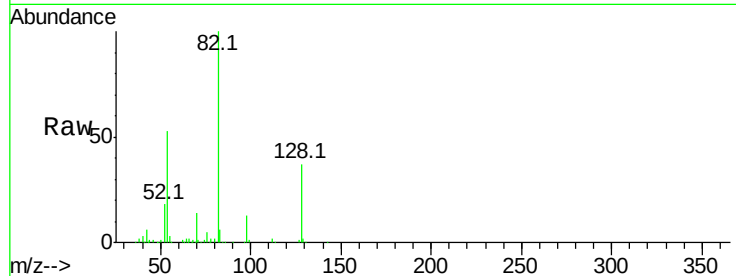
Tot Ion: 82 Resp: 186838

Ion Ratio Lower Upper

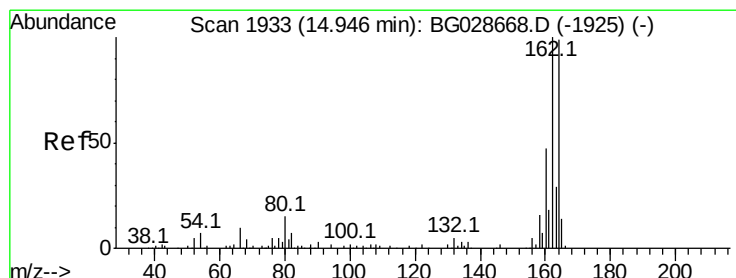
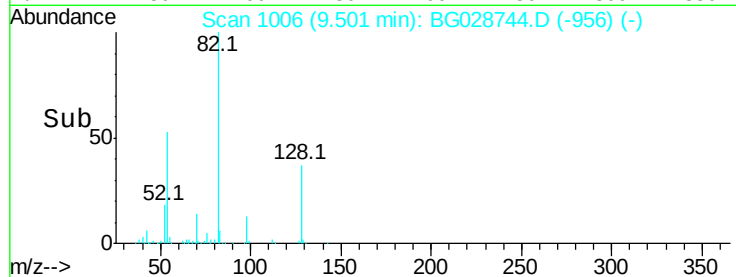
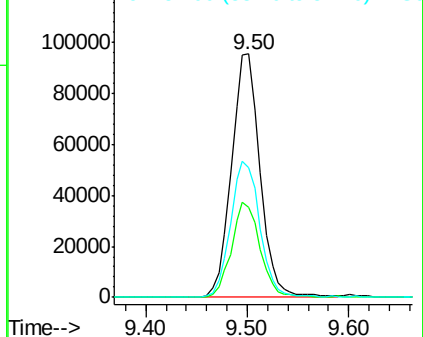
82 100

128 37.1 26.4 39.6

54 53.0 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#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

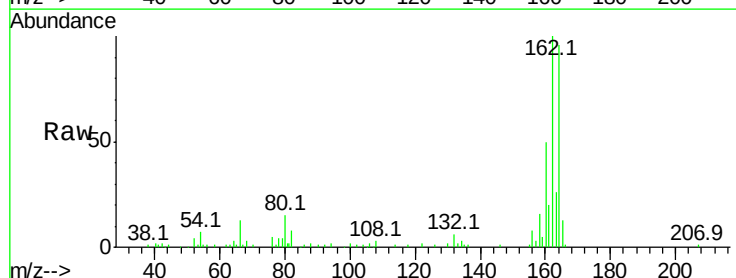
Tgt Ion: 164 Resp: 69736

Ion Ratio Lower Upper

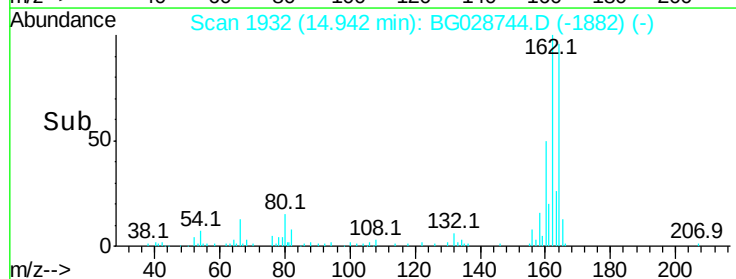
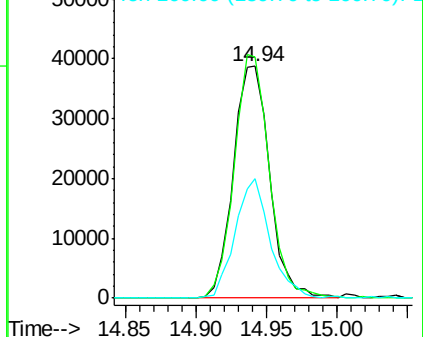
164 100

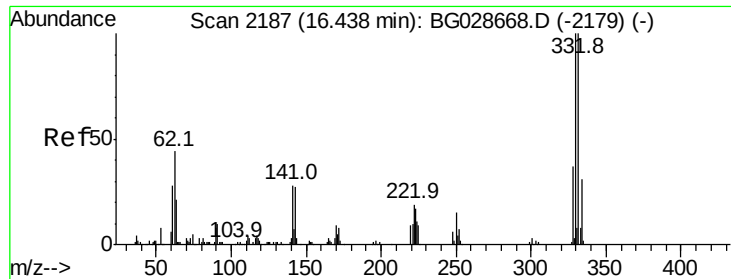
162 103.8 85.1 127.7

160 51.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

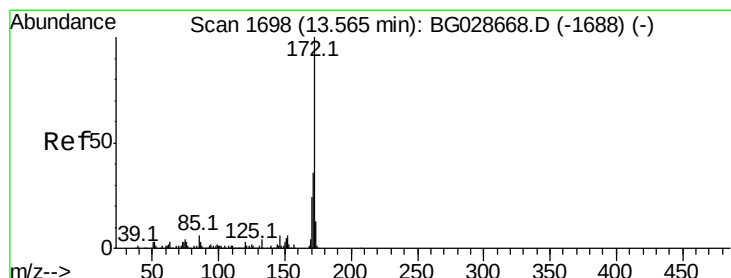
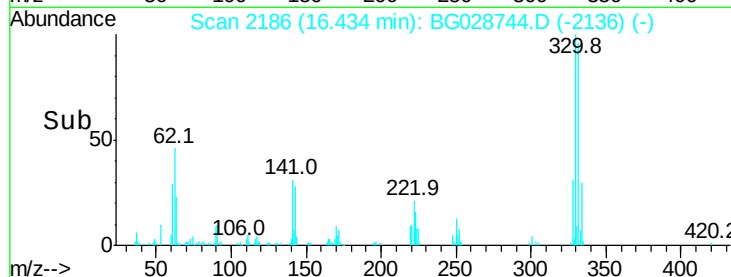
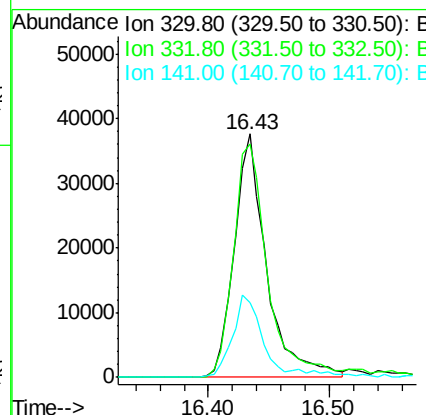
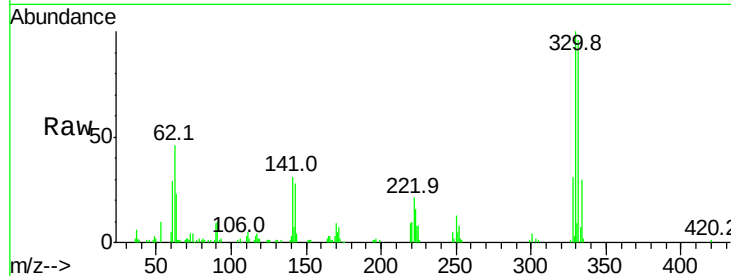




#41
 2,4,6-Tribromophenol
 Concen: 60.619 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028744.D
 Acq: 14 Sep 2017 22:40

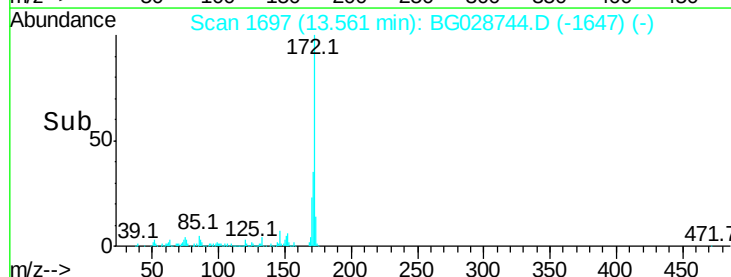
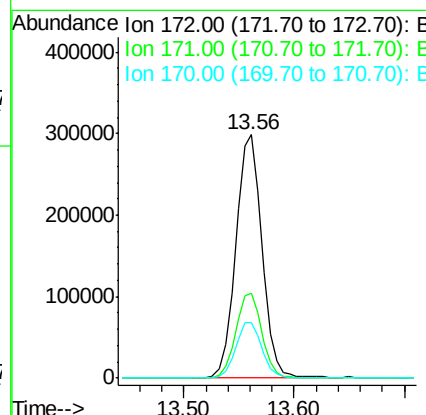
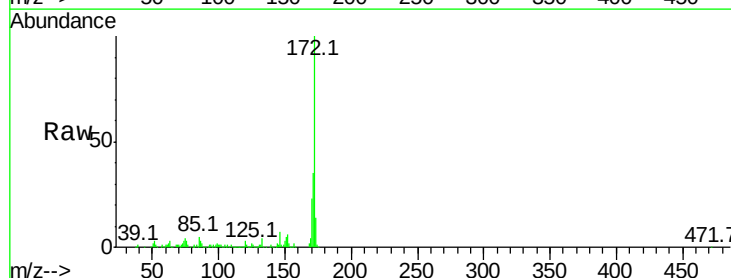
Instrument :
 BNA_G
 ClientSampleId :
 PB102326BL

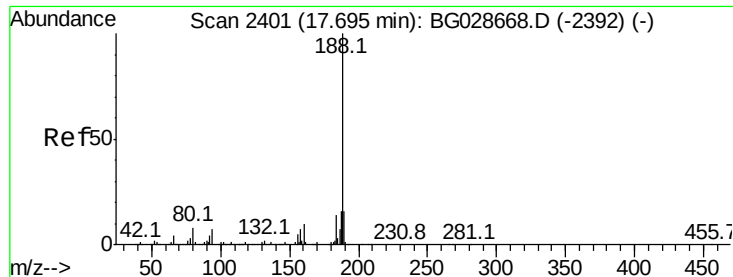
Tot Ion:330 Resp: 69917
 Ion Ratio Lower Upper
 330 100
 332 101.0 77.3 115.9
 141 33.8 32.1 48.1



#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





#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

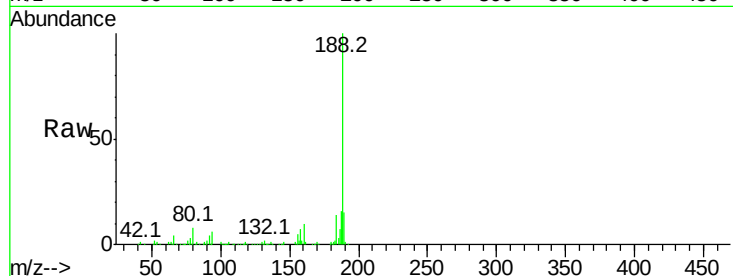
Tot Ion:188 Resp: 212755

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

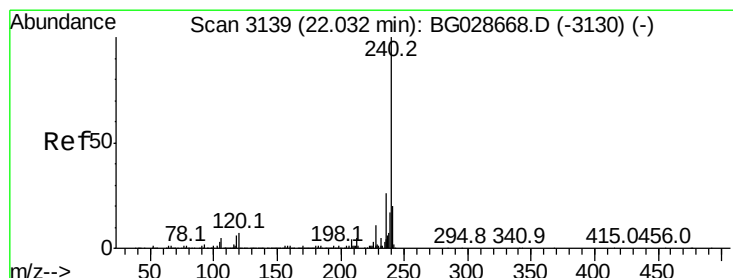
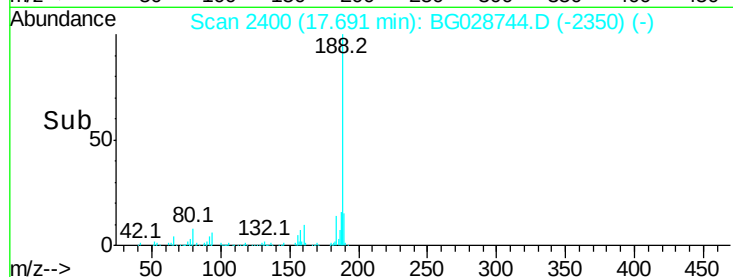
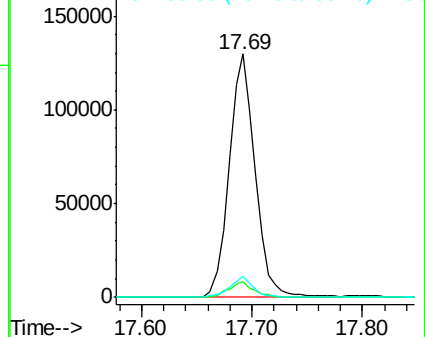
80 8.4 7.5 11.3



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

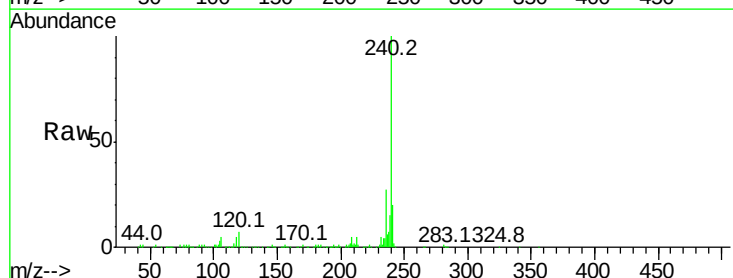
Tgt Ion:240 Resp: 267925

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

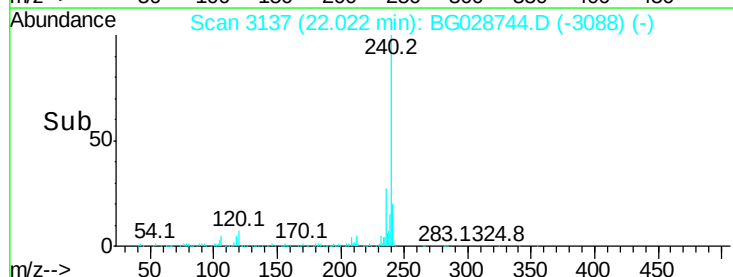
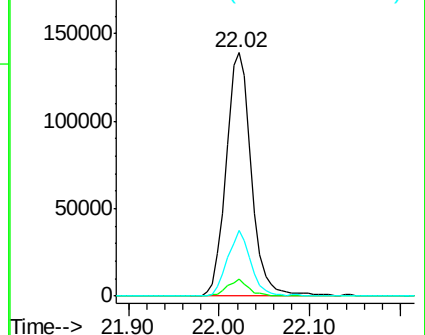
236 26.9 22.2 33.4

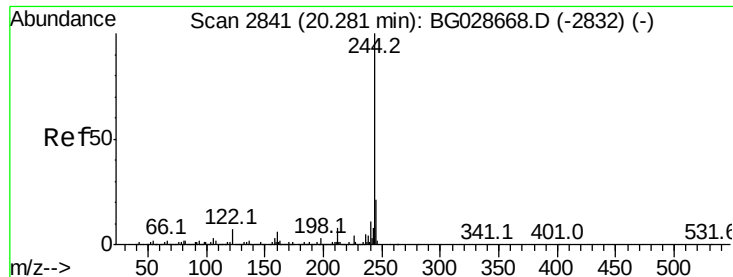


Abundance Ion 240.00 (239.70 to 240.70): E

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

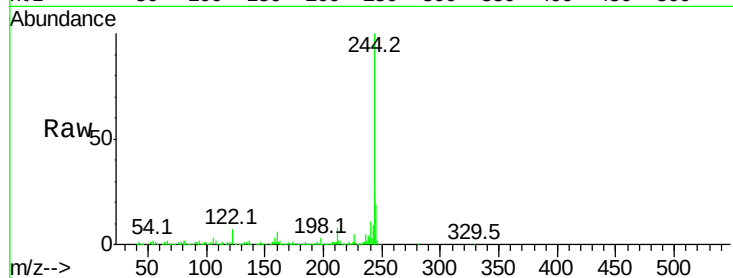
Tot Ion:244 Resp: 1114496

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	6.9	8.6	12.8#

244 100

212 8.2 10.0 15.0#

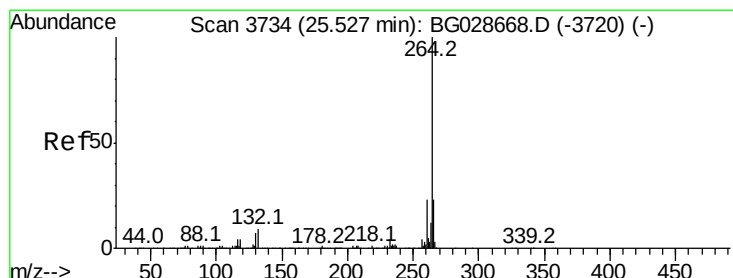
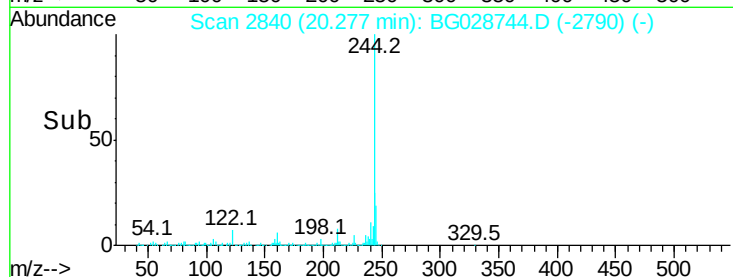
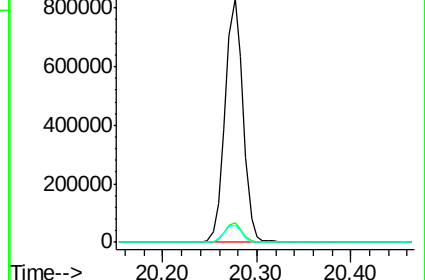
122 6.9 8.6 12.8#



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: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028744.D

Acq: 14 Sep 2017 22:40

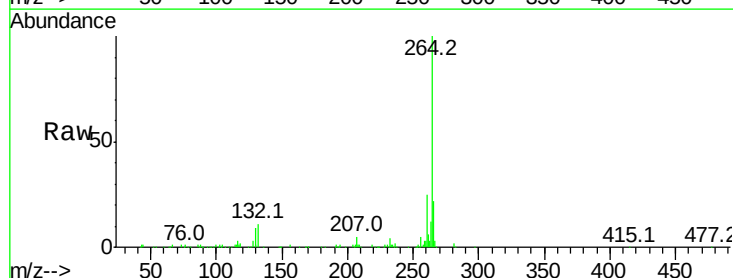
Tgt Ion:264 Resp: 267610

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.3	18.2	27.4

264 100

260 25.0 21.8 32.8

265 22.3 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

