

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028713.D
 Acq On : 14 Sep 2017 2:06
 Operator : SJ/JU
 Sample : PB102225TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102225TB

Quant Time: Sep 14 09:02:22 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	22828	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	94316	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	72029	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245599	20.00	ng	0.00
75) Chrysene-d12	22.02	240	284549	20.00	ng	0.00
86) Perylene-d12	25.52	264	293675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	234852	169.76	ng	0.00
7) Phenol-d6	7.49	99	320911	154.06	ng	0.00
23) Nitrobenzene-d5	9.50	82	193483	98.14	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	227669	191.11	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	541806	100.30	ng	0.00
78) Terphenyl-d14	20.28	244	1295532	97.09	ng	0.00

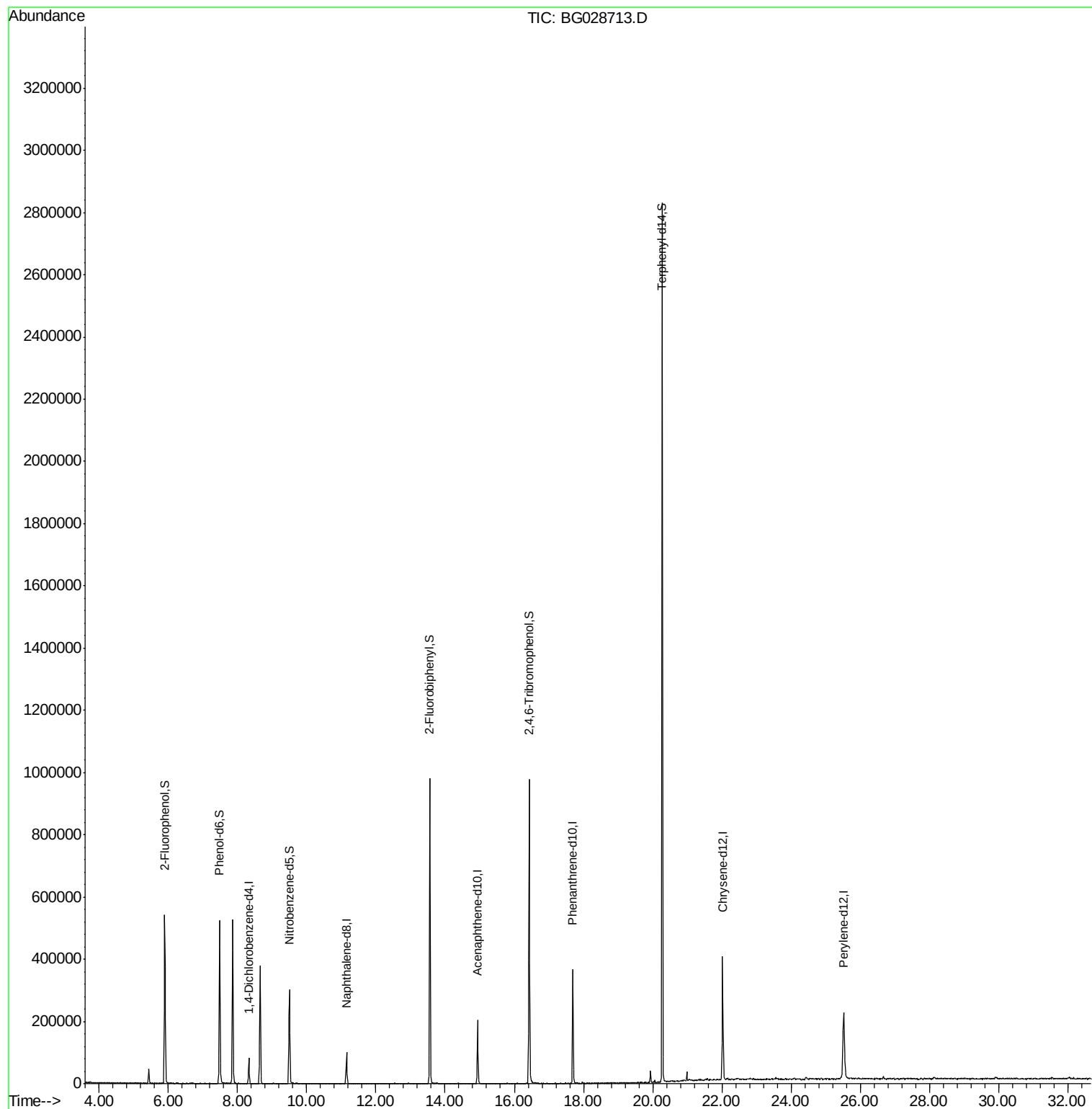
Target Compounds Qvalue

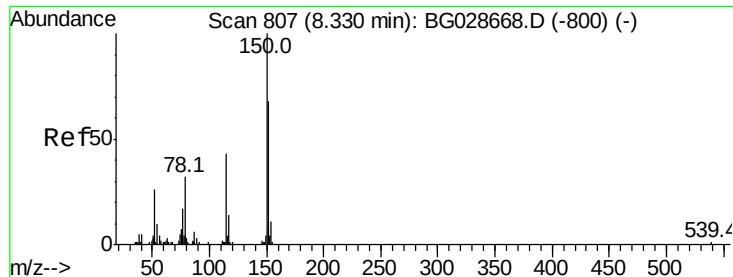
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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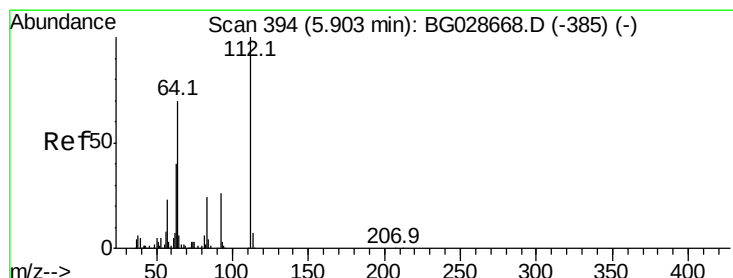
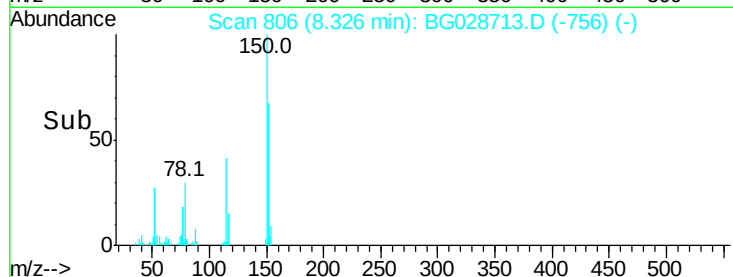
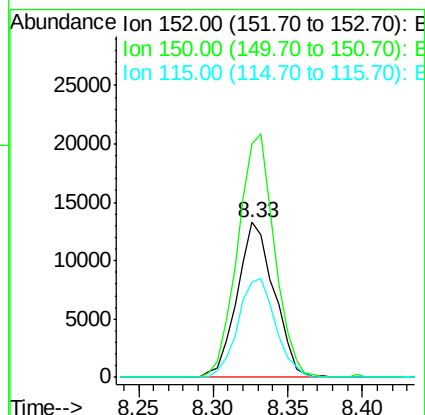
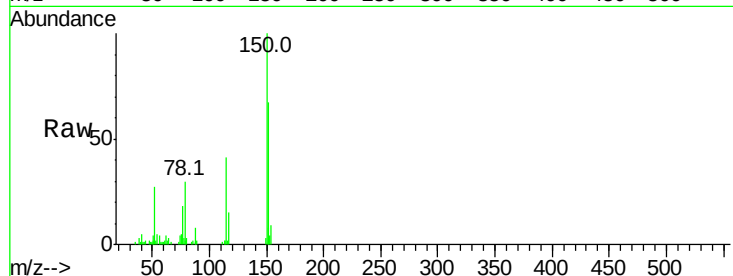


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Instrument :
BNA_G
ClientSampled :
PB102225TB

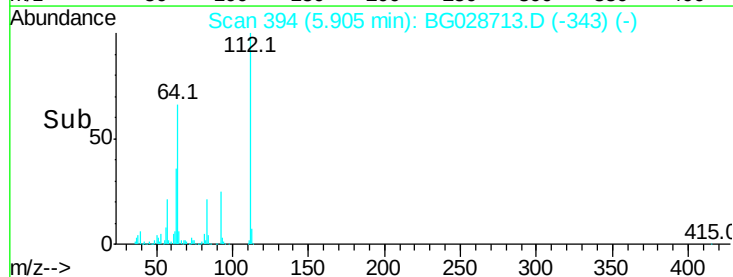
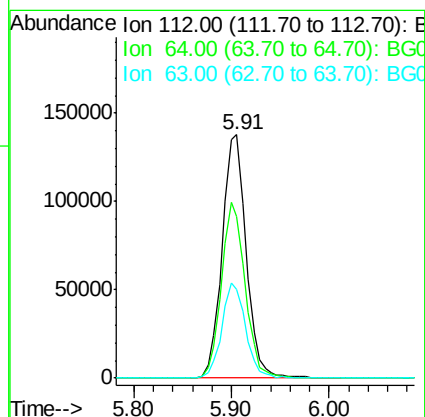
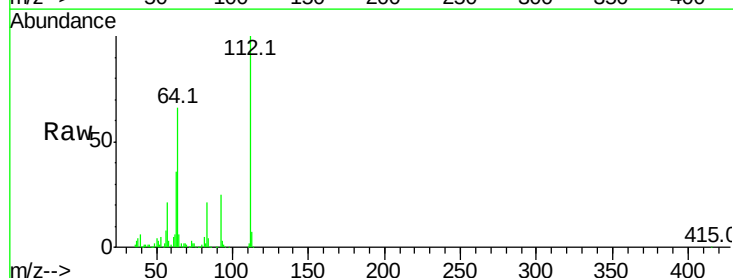
Tot Ion:152 Resp: 22828
Ion Ratio Lower Upper
152 100
150 150.3 114.0 171.0
115 61.1 48.1 72.1

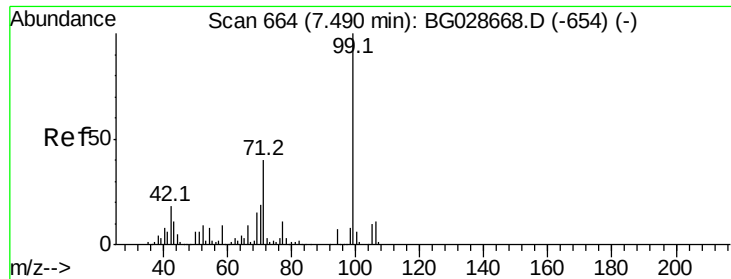


#5

2-Fluorophenol
Concen: 169.755 ng
RT: 5.91 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Tgt Ion:112 Resp: 234852
Ion Ratio Lower Upper
112 100
64 66.2 61.8 92.6
63 36.2 37.2 55.8#





#7

Phenol-d6

Concen: 154.063 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampleId :

PB102225TB

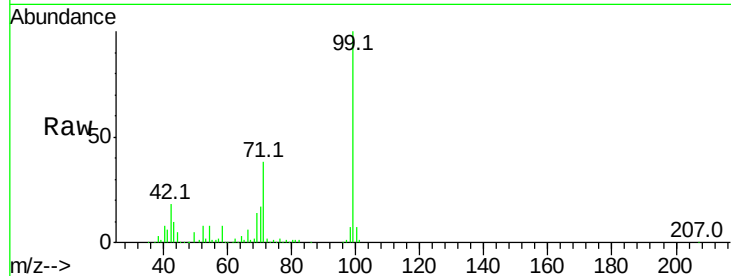
Tot Ion: 99 Resp: 320911

Ion Ratio Lower Upper

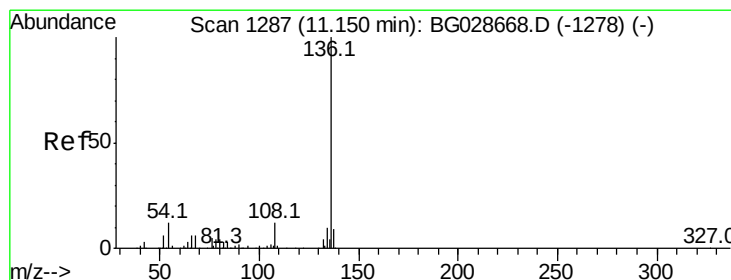
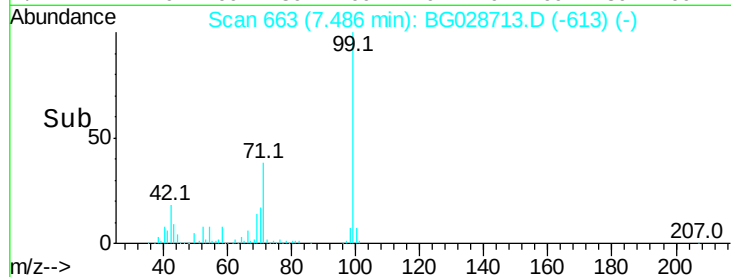
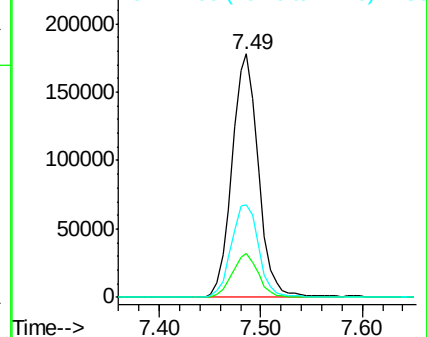
99 100

42 18.2 20.5 30.7#

71 37.9 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# 1287

Delta R.T. 0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Tgt Ion: 136 Resp: 94316

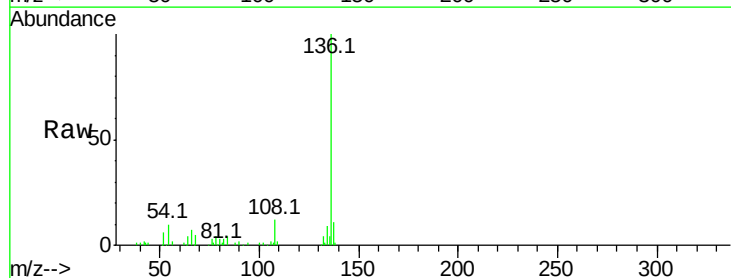
Ion Ratio Lower Upper

136 100

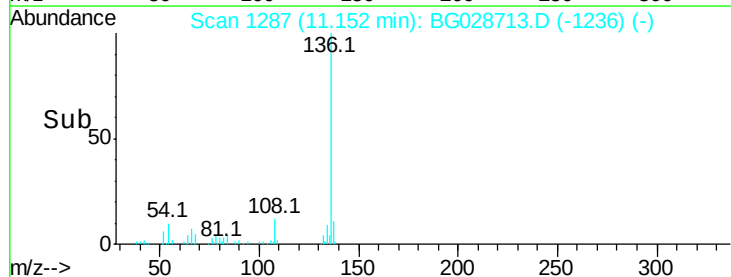
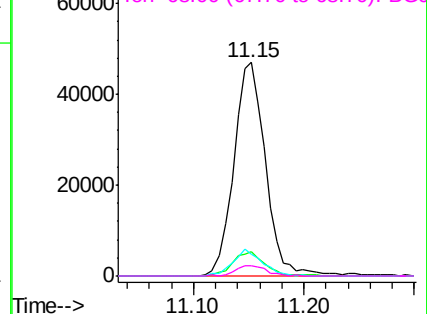
137 11.4 8.9 13.3

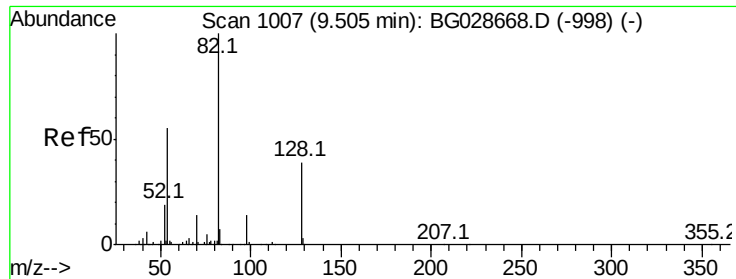
54 10.0 9.3 13.9

68 4.9 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

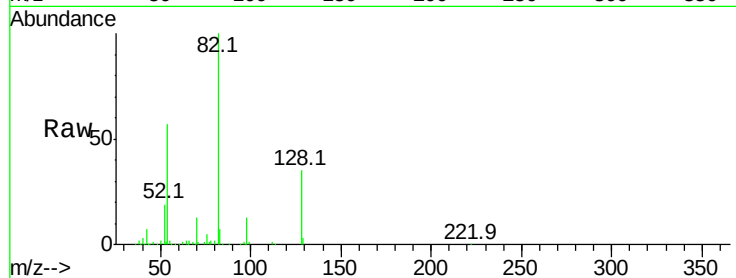




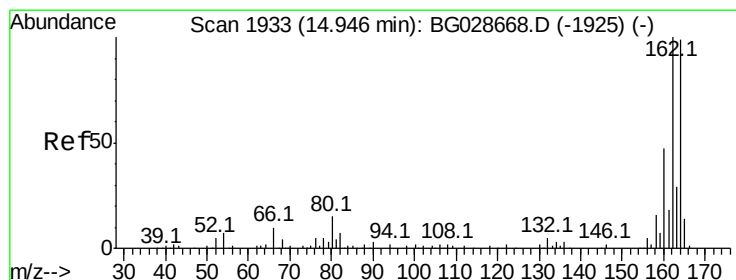
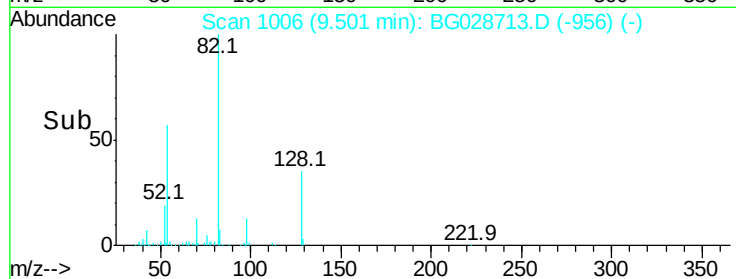
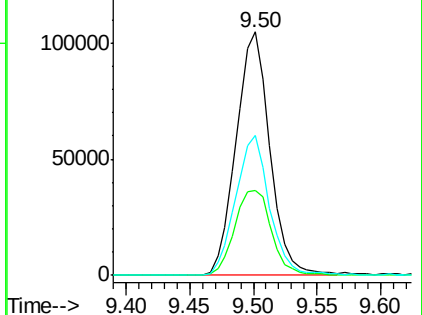
#23
Nitrobenzene-d5
Concen: 98.135 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Instrument :
BNA_G
ClientSampled :
PB102225TB

Tot Ion	82	Resp	193483
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	57.3	49.4	74.2

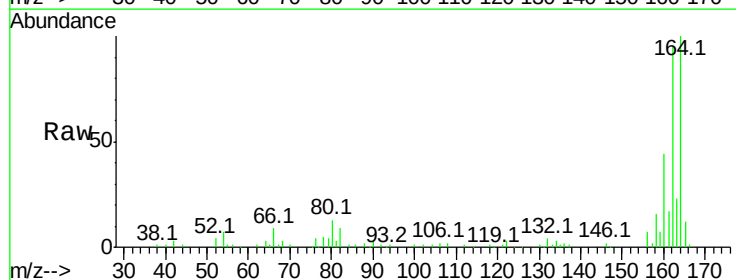


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

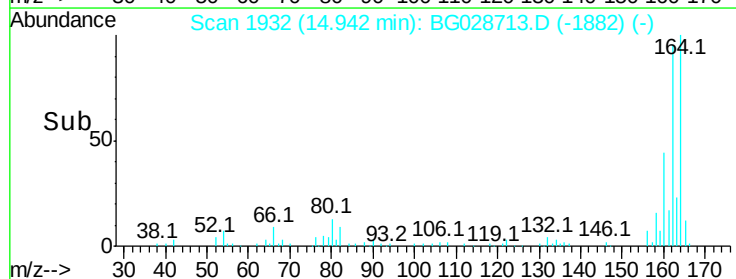
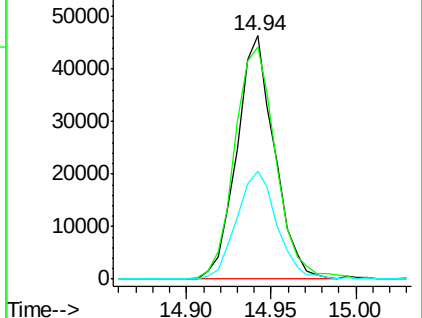


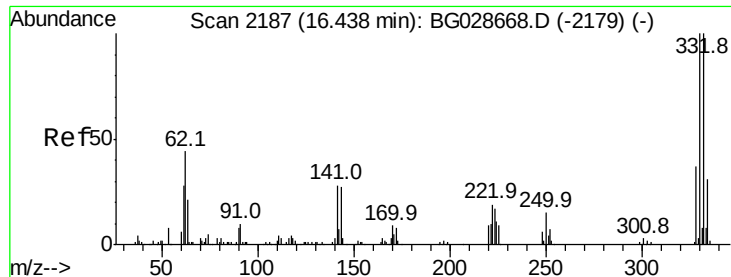
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Tgt Ion	164	Resp	72029
Ion	Ratio	Lower	Upper
164	100		
162	95.4	85.1	127.7
160	44.1	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

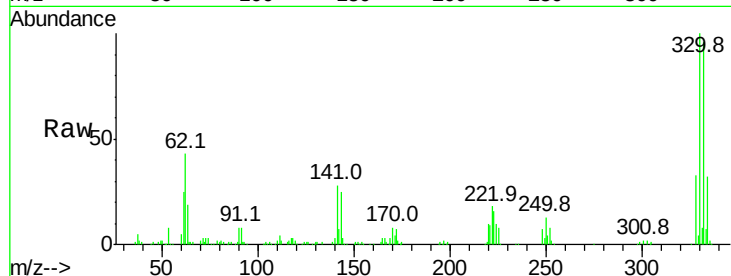




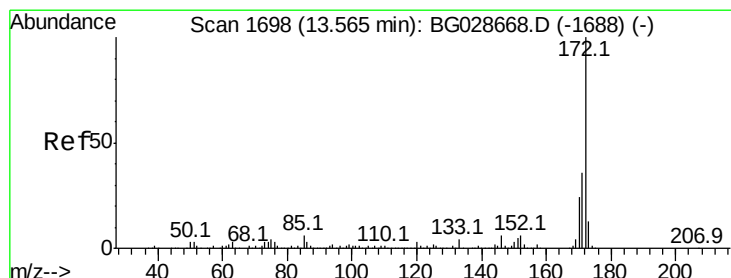
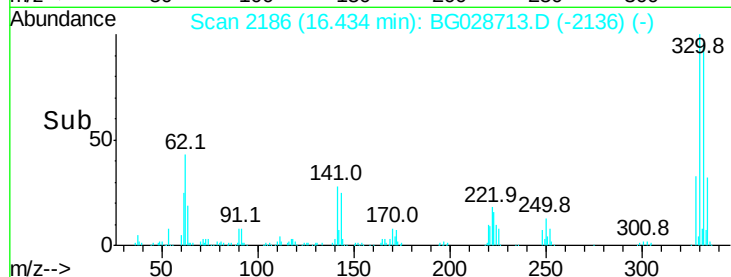
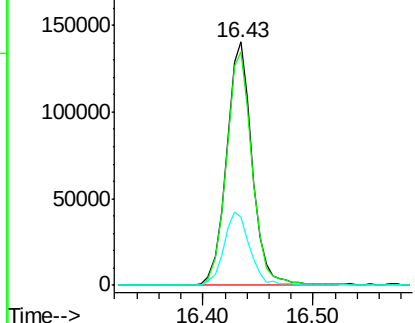
#41
 2,4,6-Tribromophenol
 Concen: 191.107 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028713.D
 Acq: 14 Sep 2017 2:06

Instrument :
 BNA_G
 ClientSampleId :
 PB102225TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	30.8	32.1	48.1#

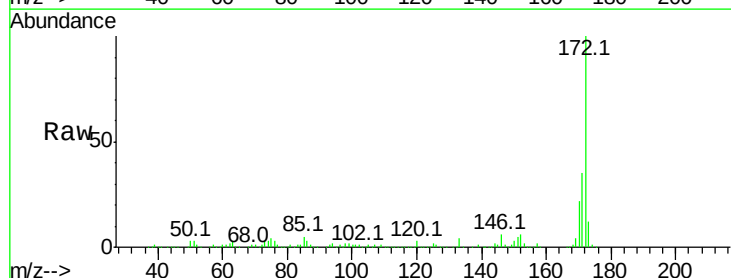


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

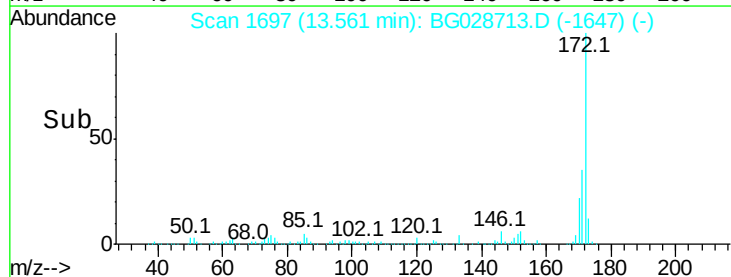
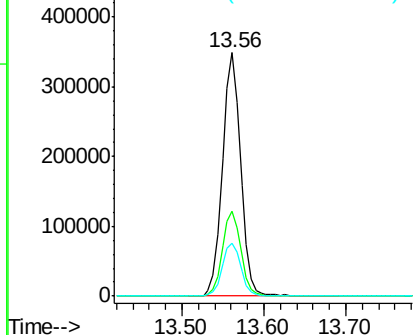


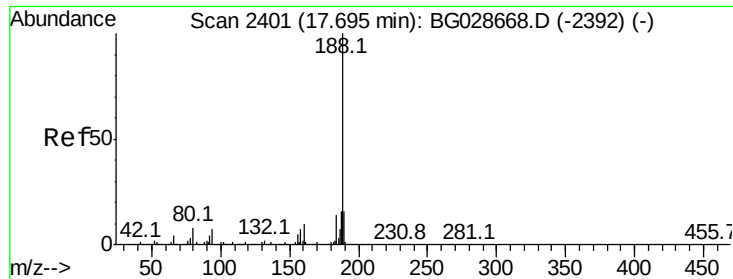
#44
 2-Fluorobiphenyl
 Concen: 100.301 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028713.D
 Acq: 14 Sep 2017 2:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	21.6	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: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampleId :

PB102225TB

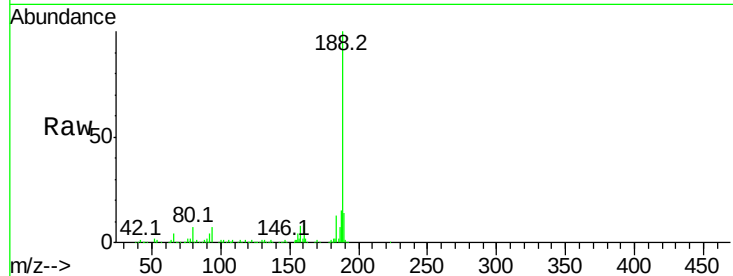
Tot Ion:188 Resp: 245599

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

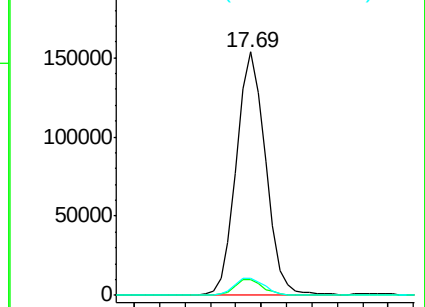
80 7.0 7.5 11.3#



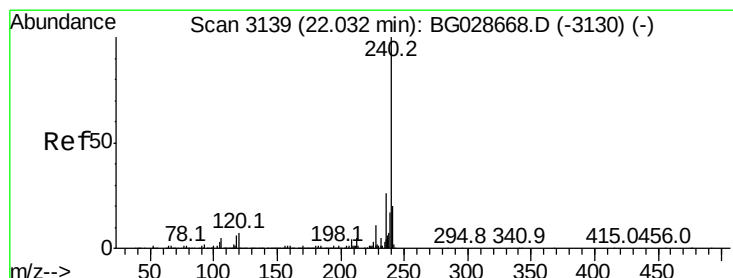
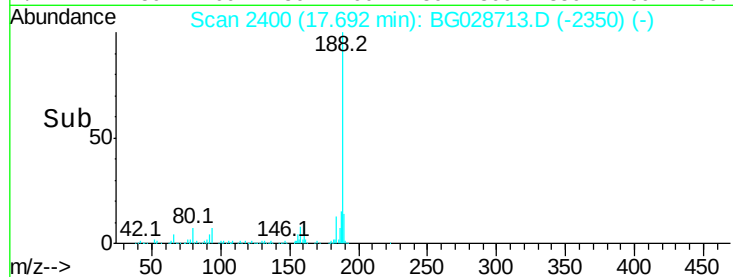
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

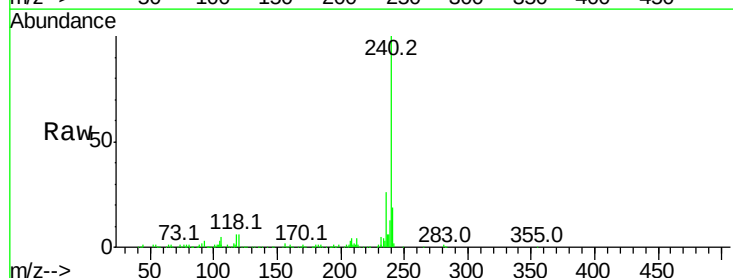
Tgt Ion:240 Resp: 284549

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

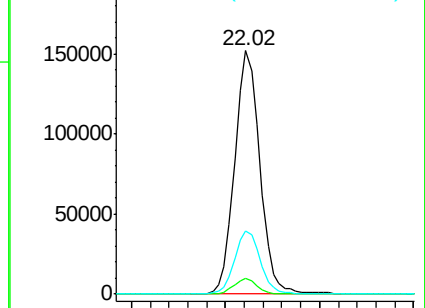
236 26.0 22.2 33.4



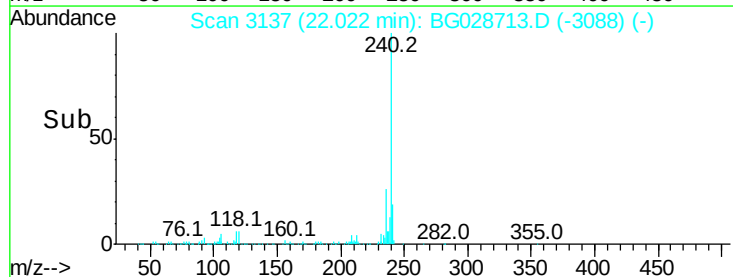
Abundance Ion 240.00 (239.70 to 240.70): E

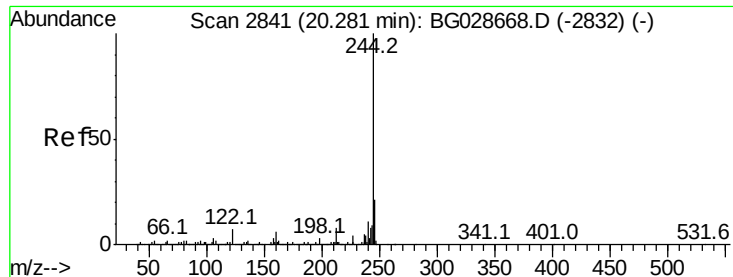
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 97.094 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampleId :

PB102225TB

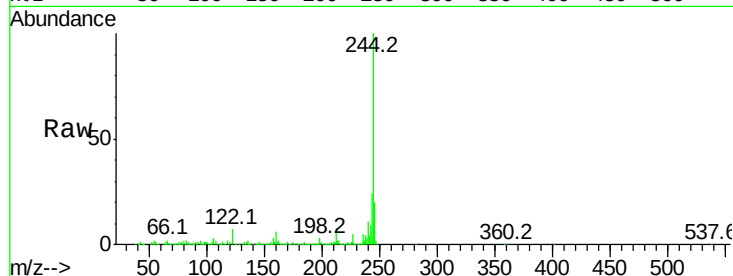
Tot Ion:244 Resp: 1295532

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

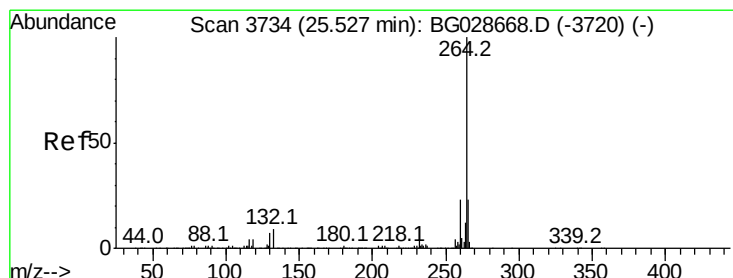
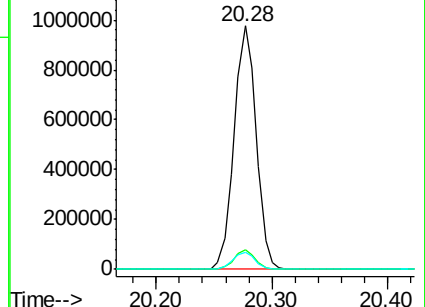
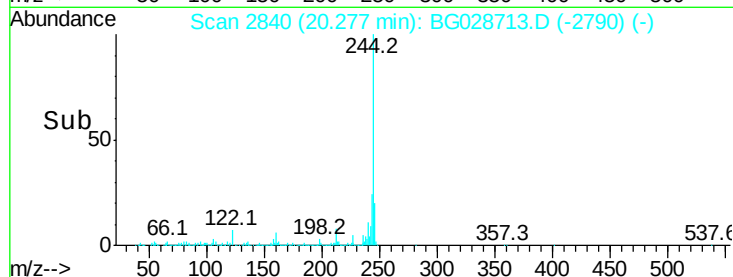
122 7.2 8.6 12.8#



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# 3733

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

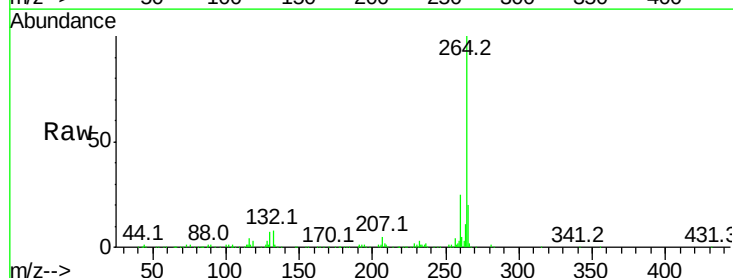
Tgt Ion:264 Resp: 293675

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 20.2 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

