

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036653.D
 Acq On : 11 Sep 2018 9:17
 Operator : JU/SJ
 Sample : PB112716BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BL

Quant Time: Sep 11 11:22:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56416	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	240087	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	162785	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414724	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	423635	20.00	ng	-0.01
86) Perylene-d12	24.89	264	360344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	345135	97.04	ng	0.00
7) Phenol-d6	7.21	99	495667	97.34	ng	-0.01
23) Nitrobenzene-d5	9.22	82	444181	100.38	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177203	91.23	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1078109	94.56	ng	-0.01
78) Terphenyl-d14	20.03	244	1837280	101.37	ng	0.00

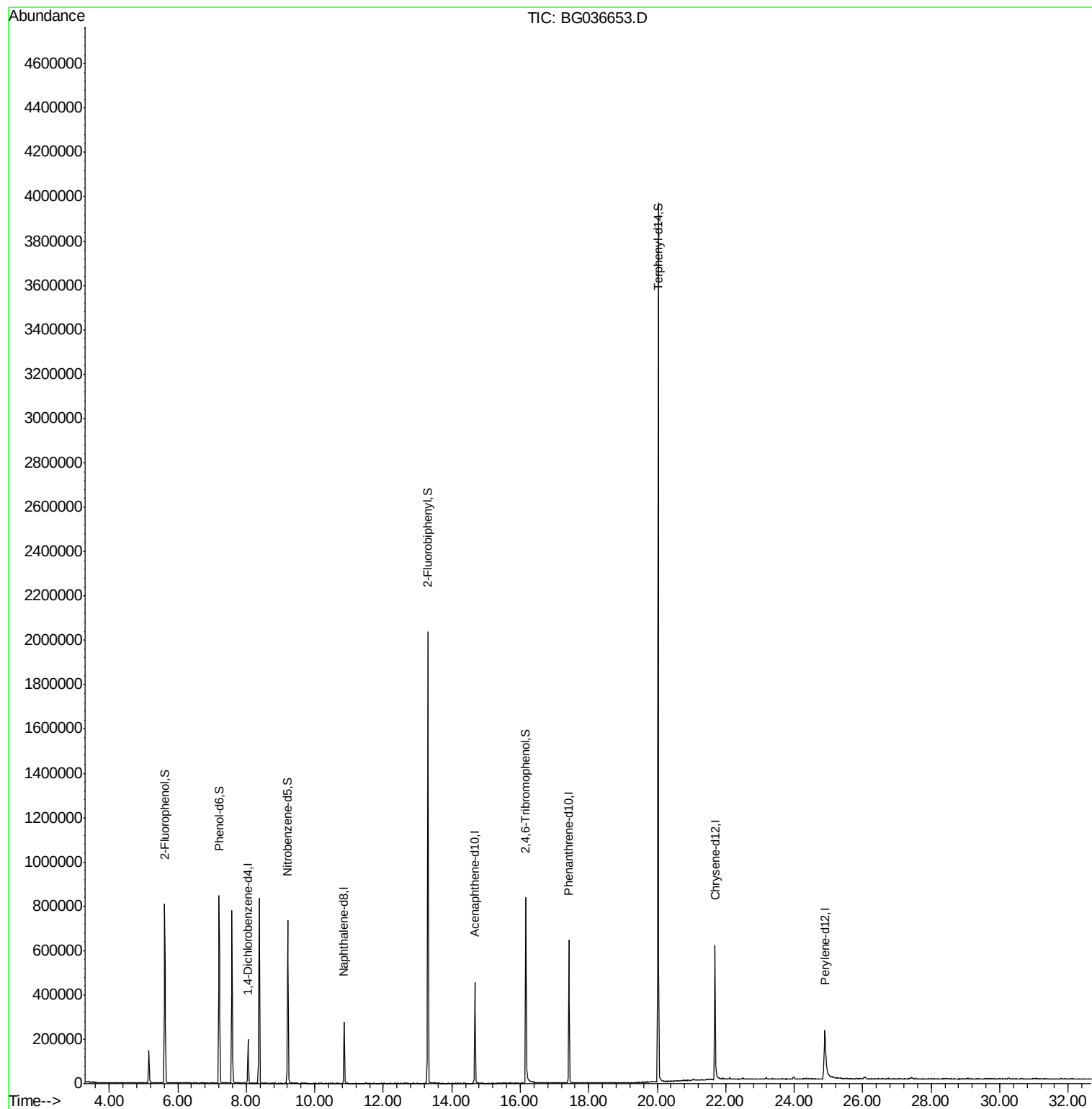
Target Compounds Qvalue

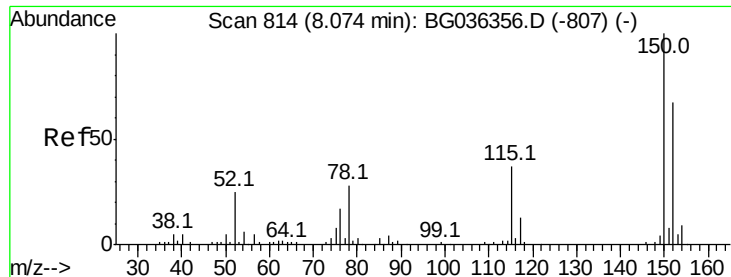
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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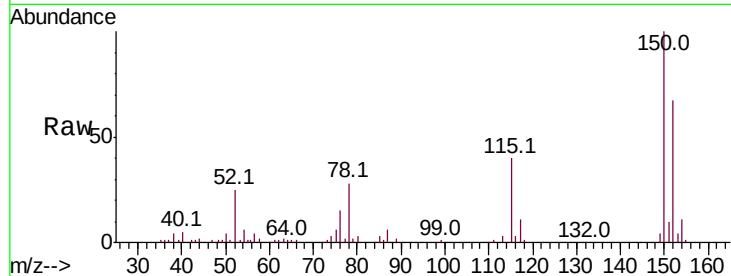


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036653.D
Acq: 11 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
PB112716BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	59.2	44.5	66.7

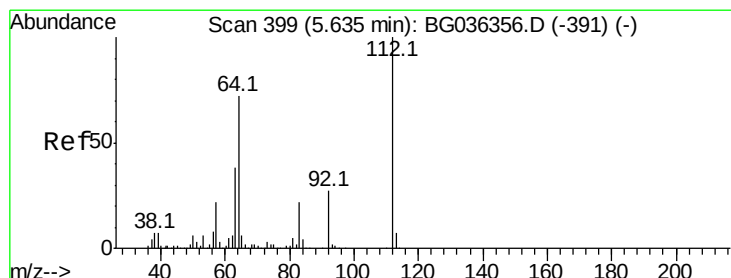
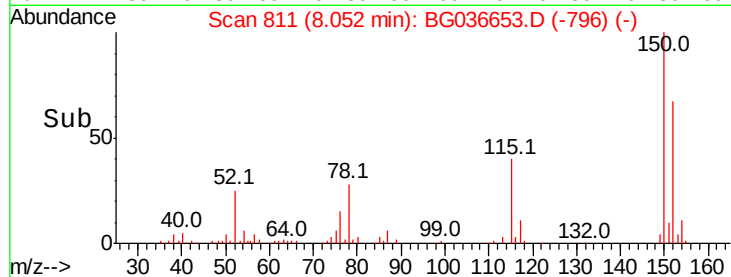
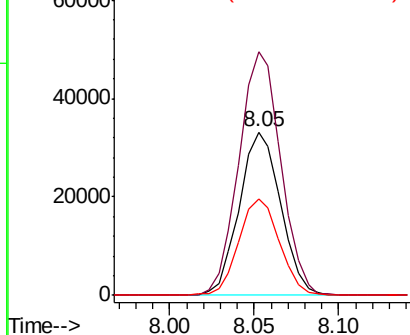


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

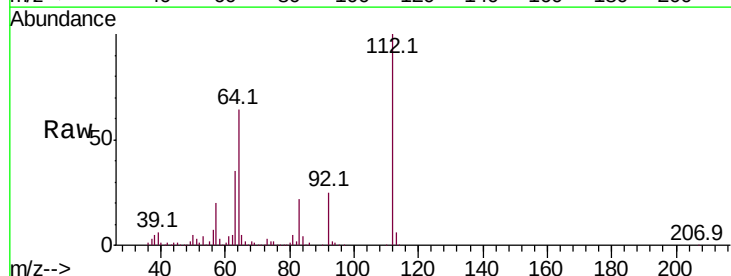
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.044 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036653.D
Acq: 11 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	57.2	85.8
63	34.8	30.8	46.2

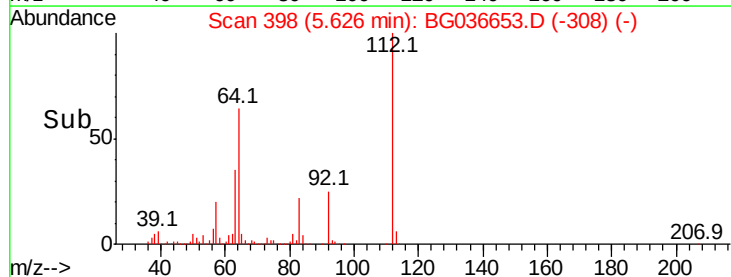
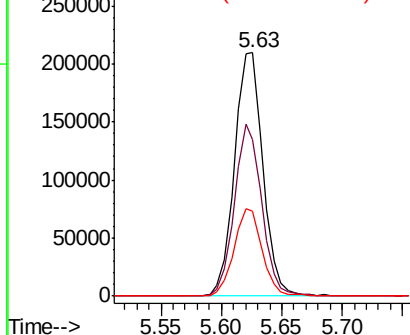


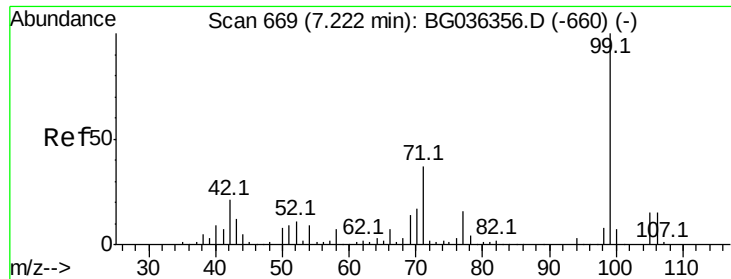
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 97.343 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

PB112716BL

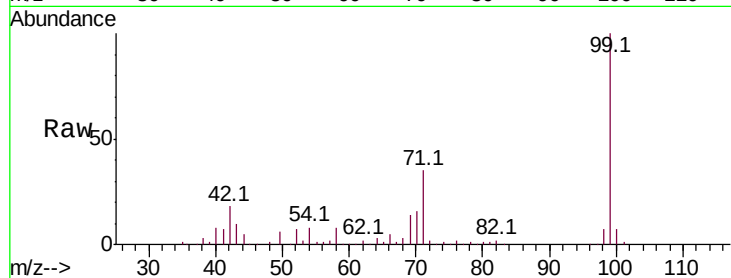
Tot Ion: 99 Resp: 495667

Ion Ratio Lower Upper

99 100

42 18.4 16.5 24.7

71 35.4 29.4 44.2

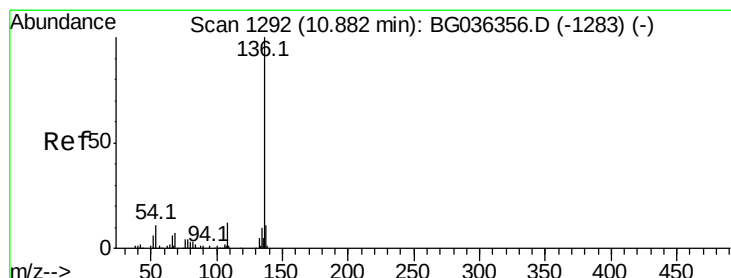
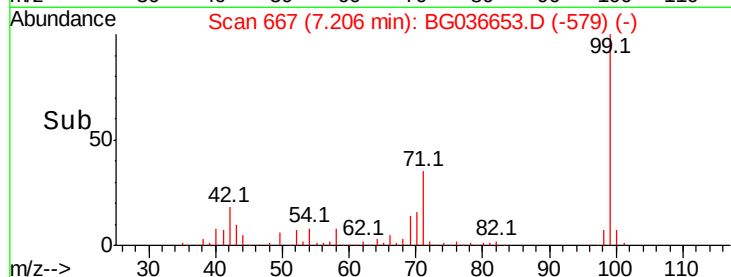
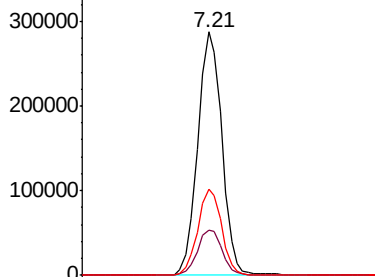


Abundance

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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Tgt Ion: 136 Resp: 240087

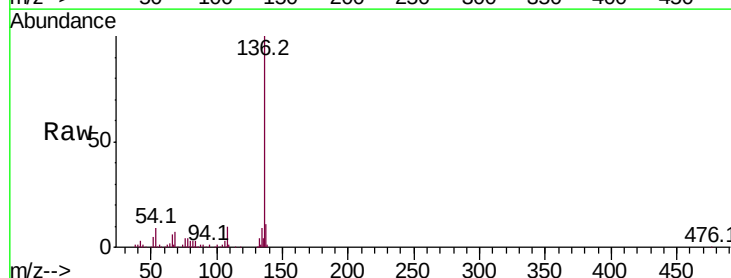
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 9.2 13.8

68 6.5 5.8 8.6



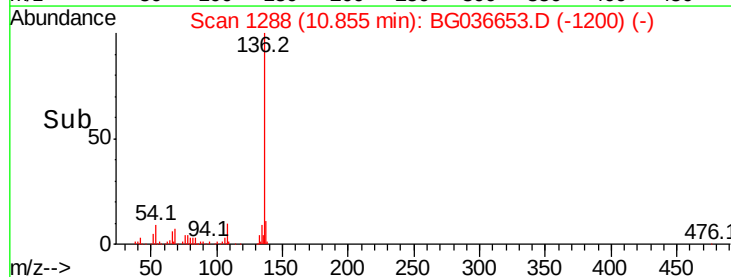
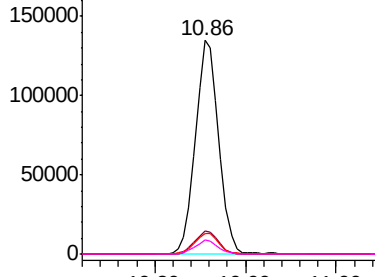
Abundance

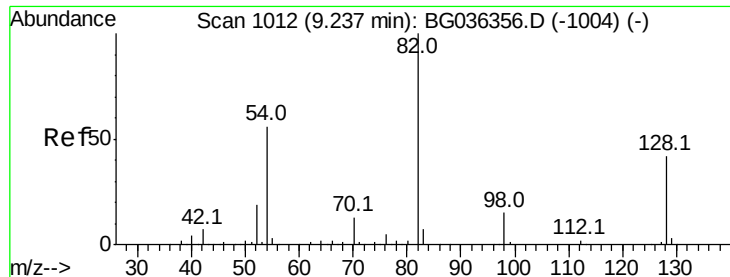
Ion 136.00 (135.70 to 136.70): BGC

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: 100.379 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

PB112716BL

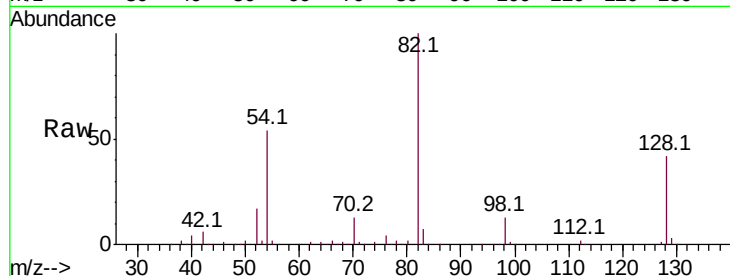
Tot Ion: 82 Resp: 444181

Ion Ratio Lower Upper

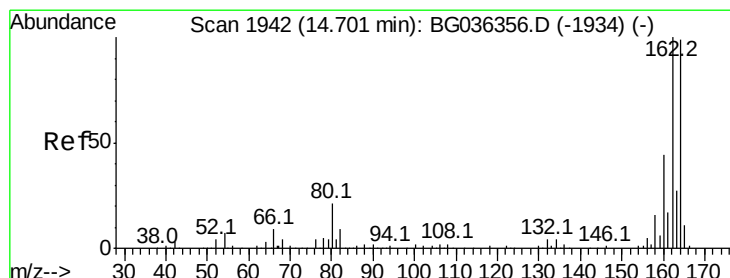
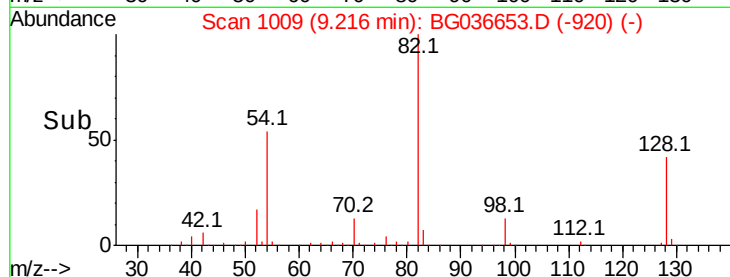
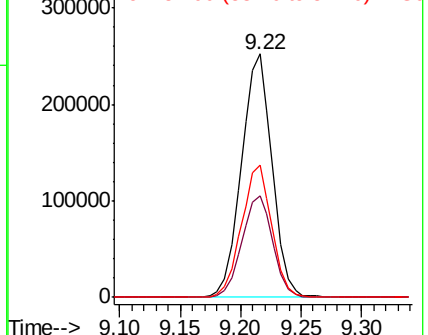
82 100

128 41.8 33.3 49.9

54 54.4 45.1 67.7



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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

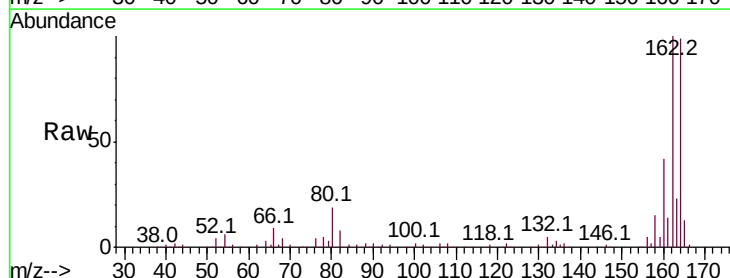
Tgt Ion: 164 Resp: 162785

Ion Ratio Lower Upper

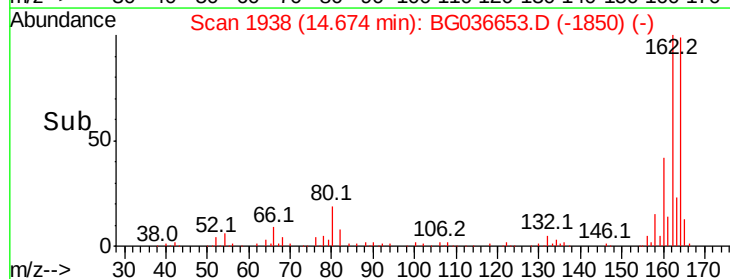
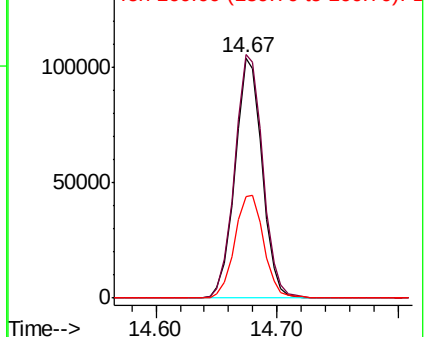
164 100

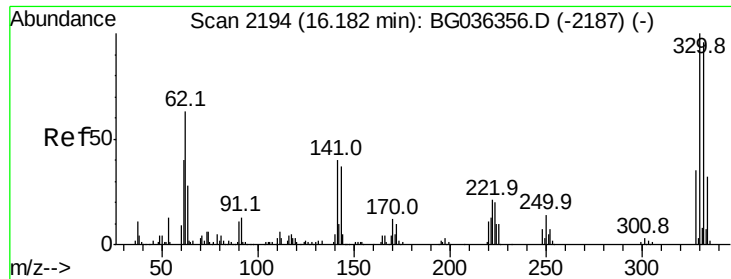
162 101.3 80.7 121.1

160 42.0 35.3 52.9



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

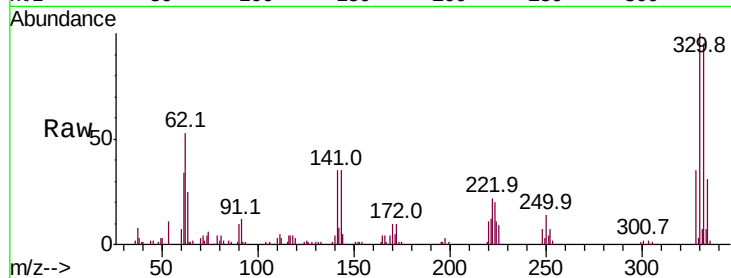




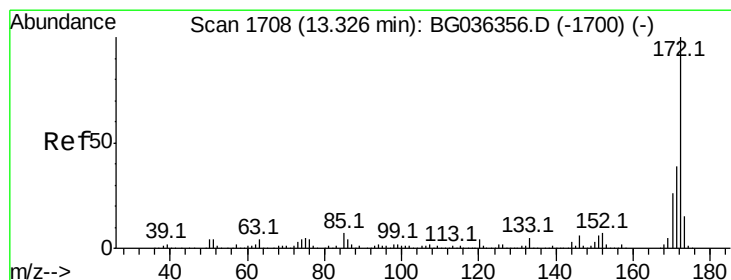
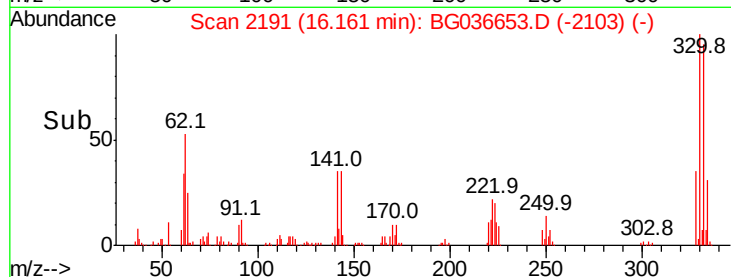
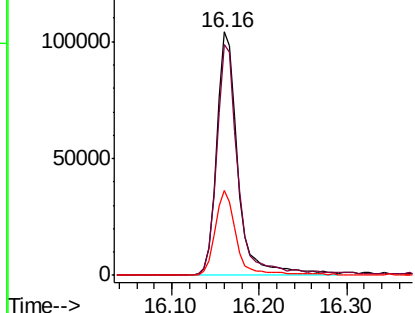
#41
 2,4,6-Tribromophenol
 Concen: 91.229 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036653.D
 Acq: 11 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.4	113.2
141	34.2	30.7	46.1

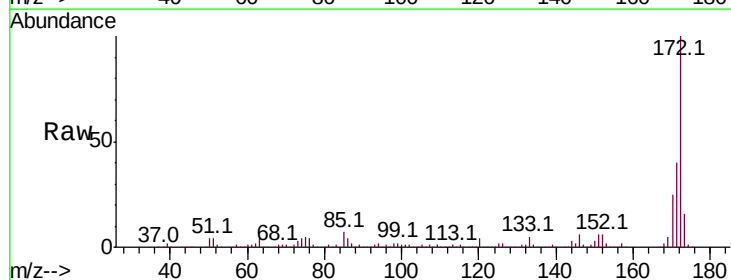


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

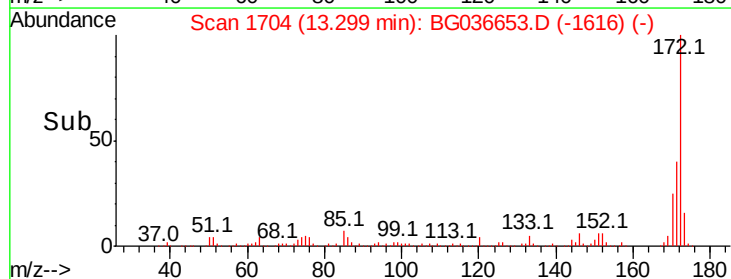
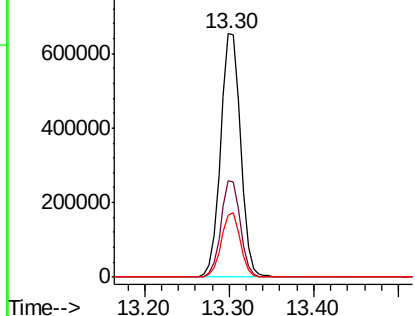


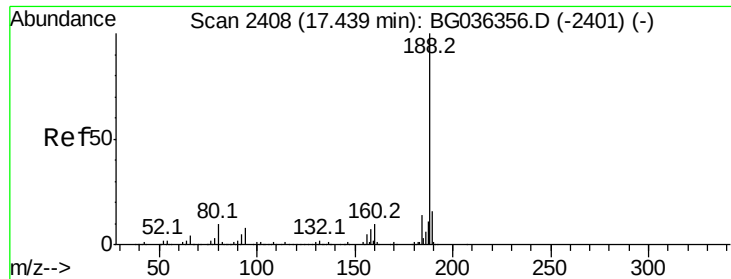
#44
 2-Fluorobiphenyl
 Concen: 94.563 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036653.D
 Acq: 11 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.3	46.9
170	25.3	21.0	31.6



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: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

PB112716BL

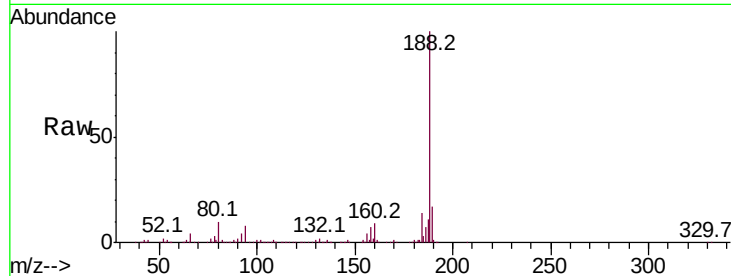
Tot Ion:188 Resp: 414724

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

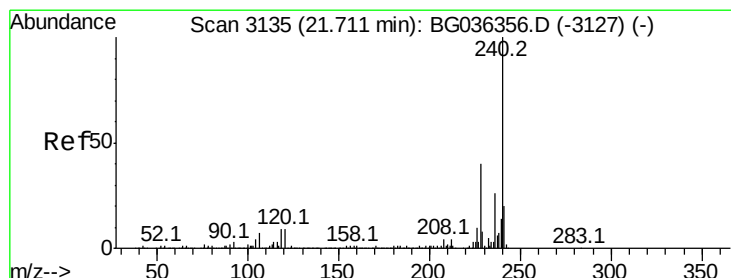
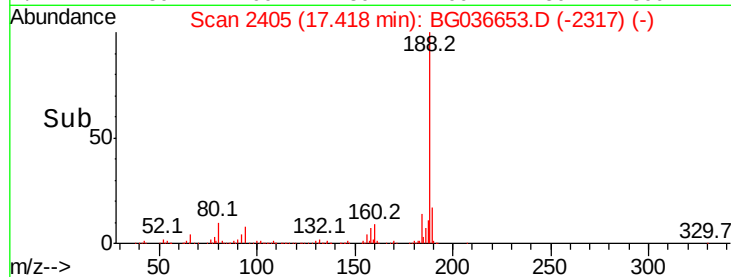
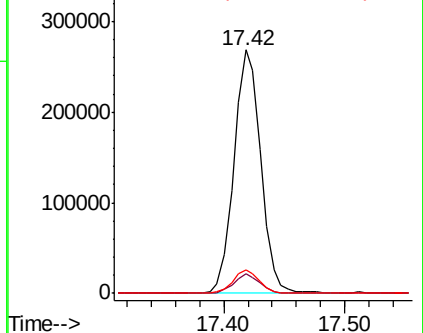
80 9.8 8.1 12.1



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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

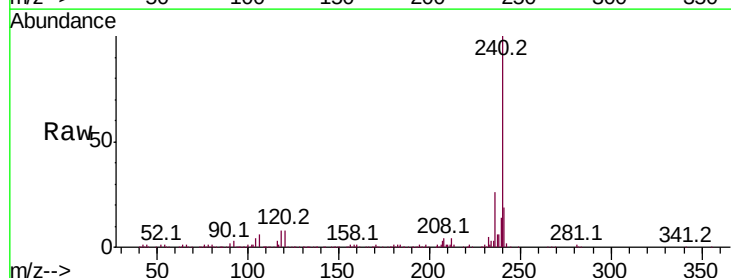
Tgt Ion:240 Resp: 423635

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

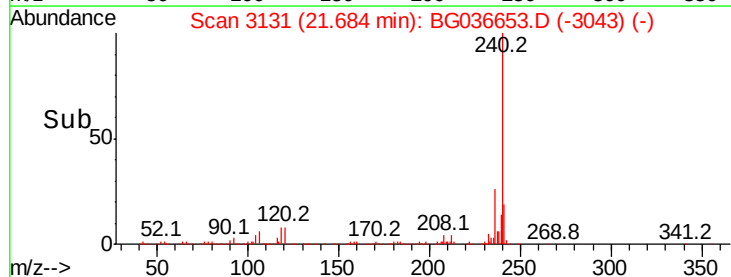
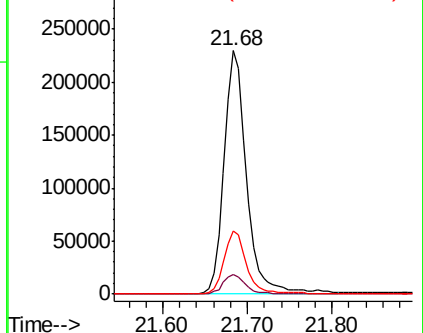
236 25.9 21.2 31.8

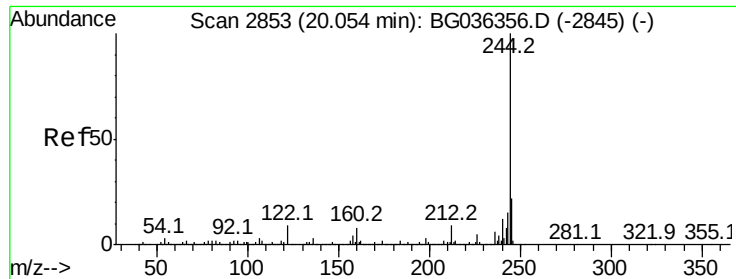


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.369 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Instrument :

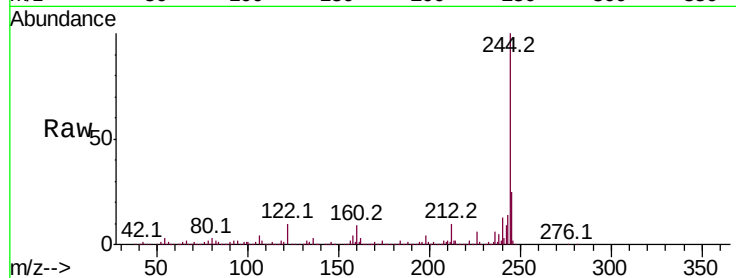
BNA_G

ClientSampleId :

PB112716BL

Tot Ion:244 Resp: 1837280

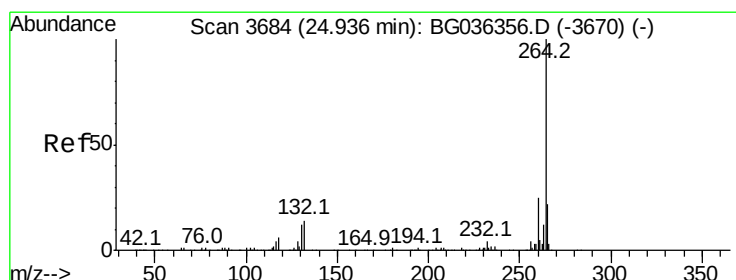
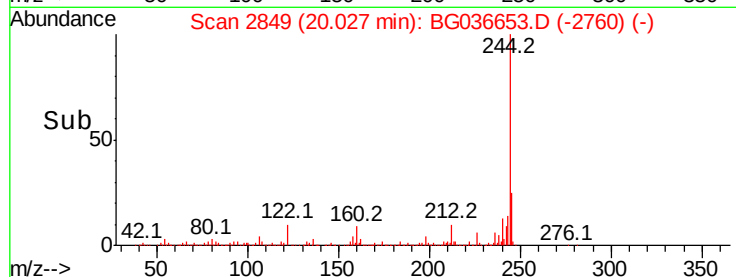
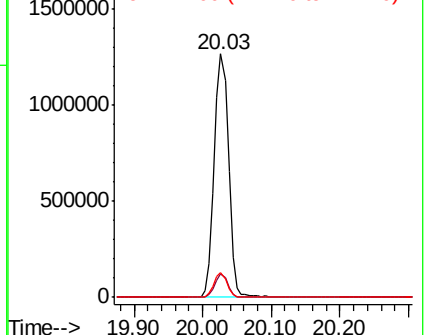
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.6
122	10.0	7.1	10.7



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: 24.89 min Scan# 3677

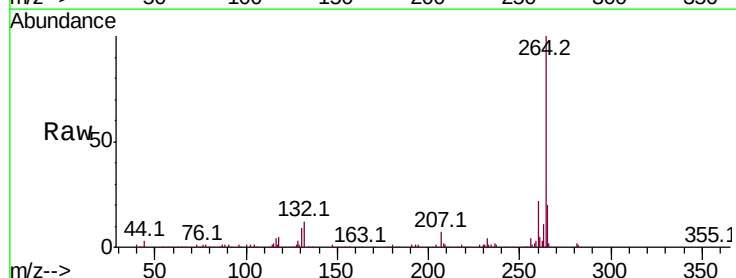
Delta R.T. -0.01 min

Lab File: BG036653.D

Acq: 11 Sep 2018 9:17

Tgt Ion:264 Resp: 360344

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	20.2	17.4	26.0



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

