

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036630.D
 Acq On : 10 Sep 2018 18:23
 Operator : JU/SJ
 Sample : J4769-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-A

Quant Time: Sep 11 02:04:46 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	54155	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	233307	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	156721	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	404296	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	417140	20.00	ng	0.00
86) Perylene-d12	24.90	264	353688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	341229	99.95	ng	0.00
7) Phenol-d6	7.21	99	448687	91.80	ng	-0.01
23) Nitrobenzene-d5	9.22	82	335987	78.14	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	192277	102.82	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	809451	73.75	ng	0.00
78) Terphenyl-d14	20.03	244	1416246	79.36	ng	0.00

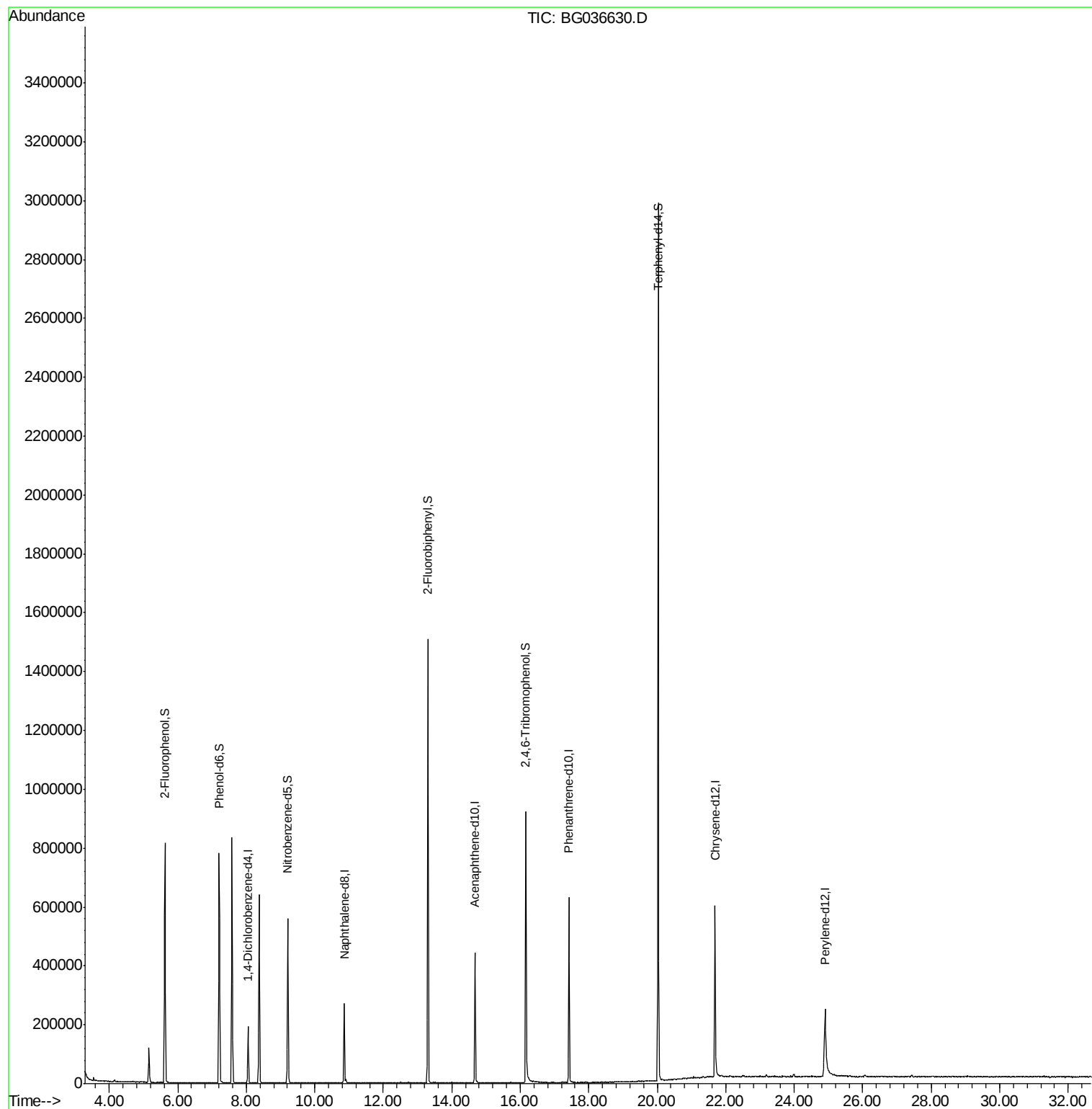
Target Compounds Qvalue

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

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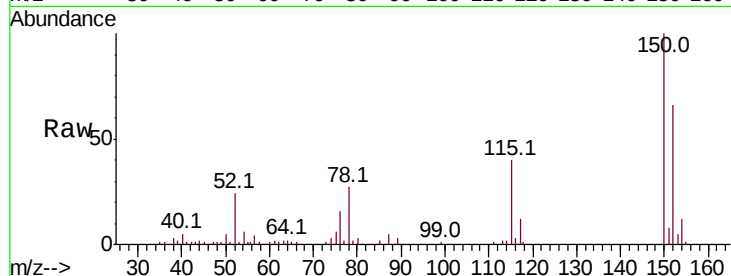


#1

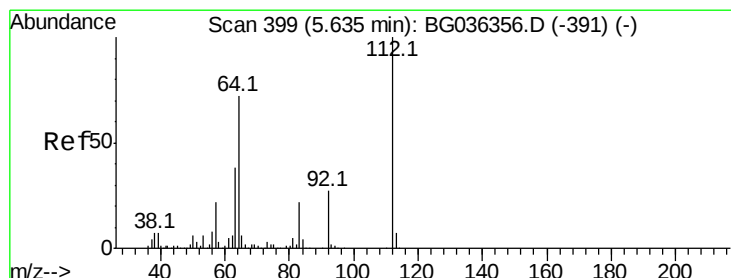
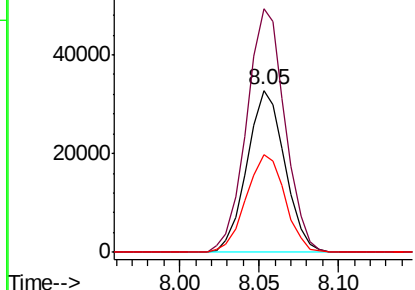
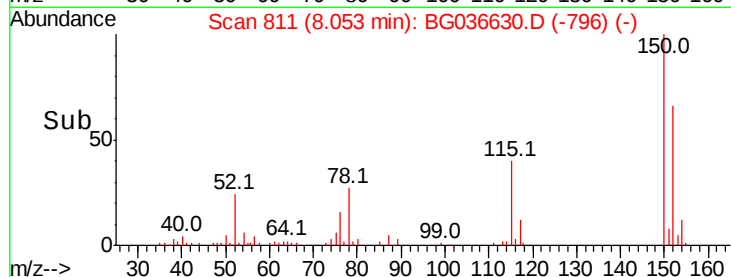
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036630.D
Acq: 10 Sep 2018 18:23

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-A

Tot Ion:152 Resp: 54155
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 60.3 44.5 66.7



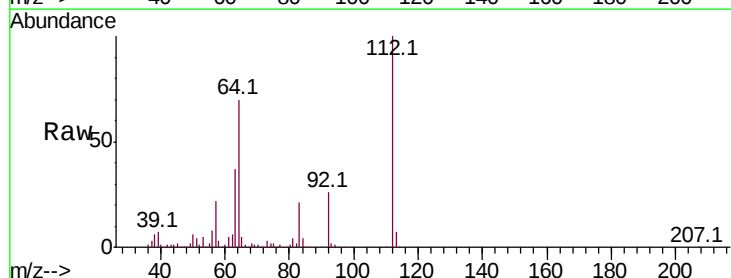
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



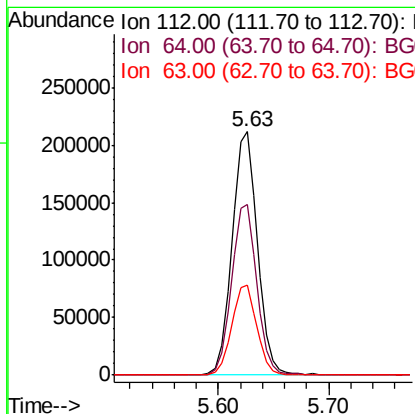
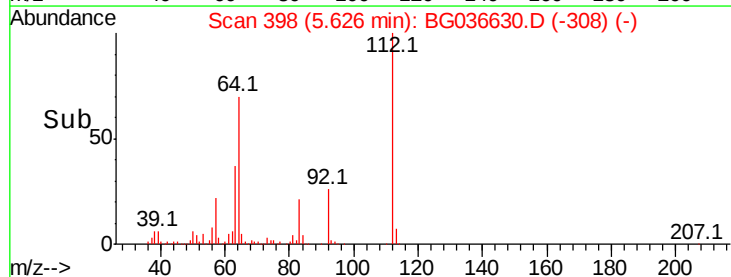
#5

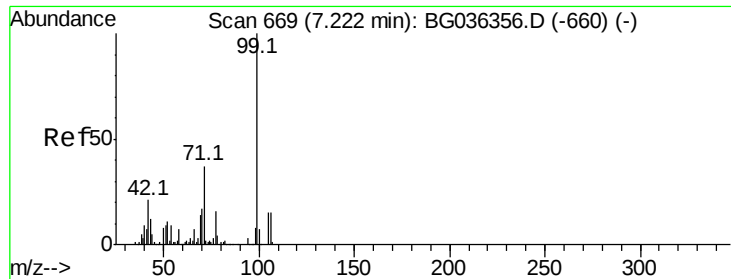
2-Fluorophenol
Concen: 99.952 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036630.D
Acq: 10 Sep 2018 18:23

Tgt Ion:112 Resp: 341229
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 37.1 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: 91.795 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-A

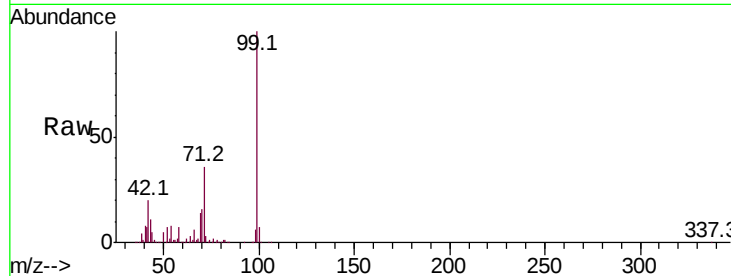
Tot Ion: 99 Resp: 448687

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

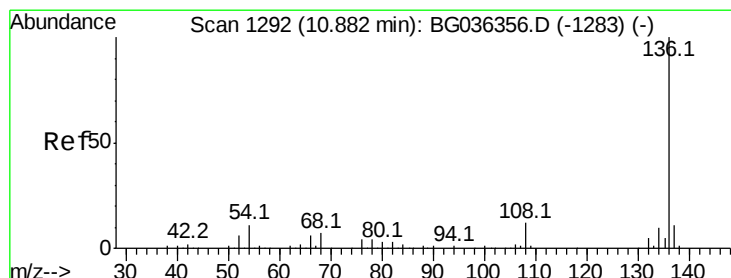
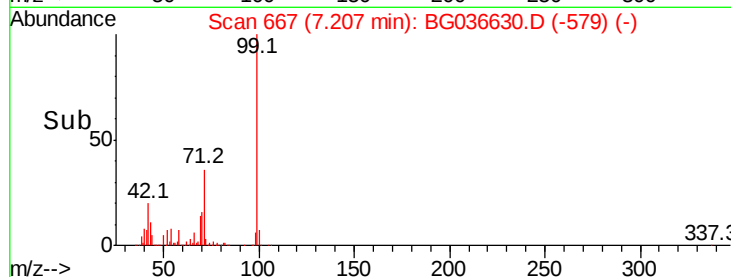
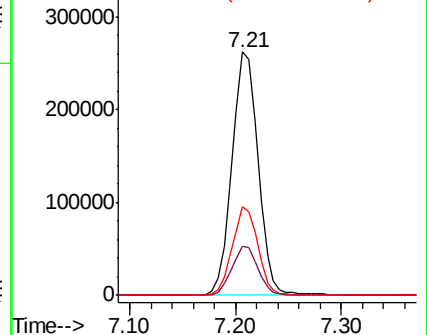
71 36.2 29.4 44.2



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# 1289

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Tgt Ion: 136 Resp: 233307

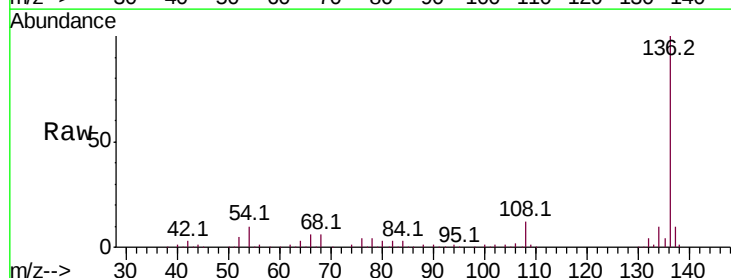
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 10.2 9.2 13.8

68 6.3 5.8 8.6

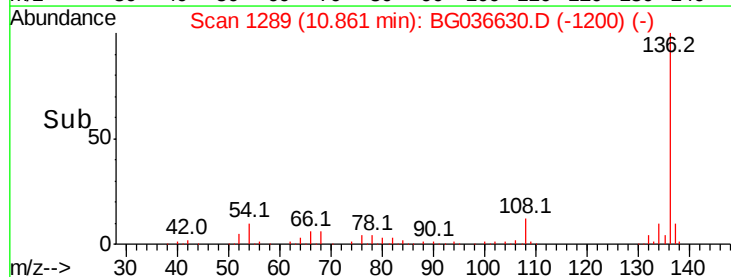
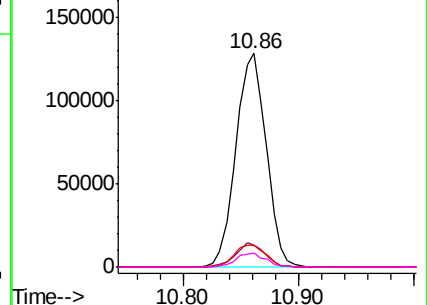


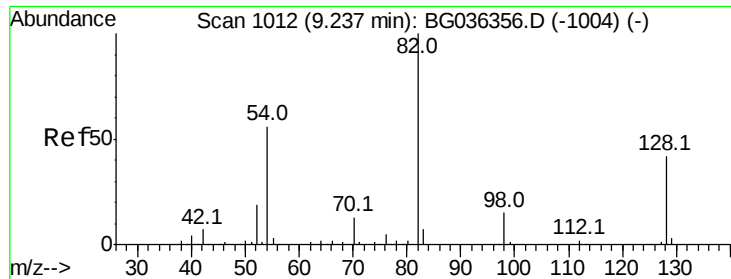
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

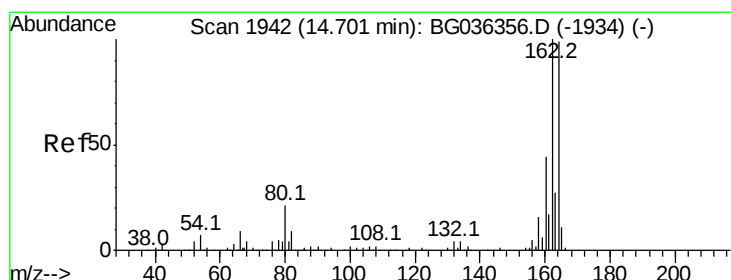
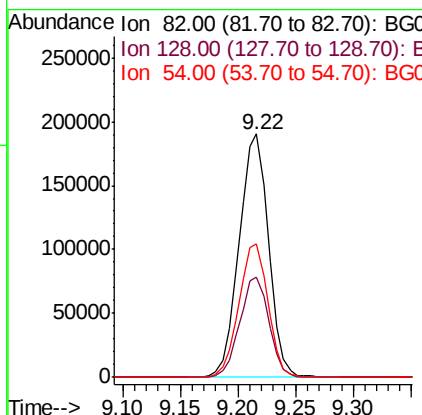
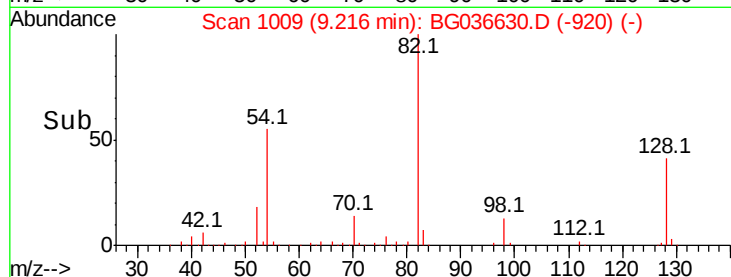
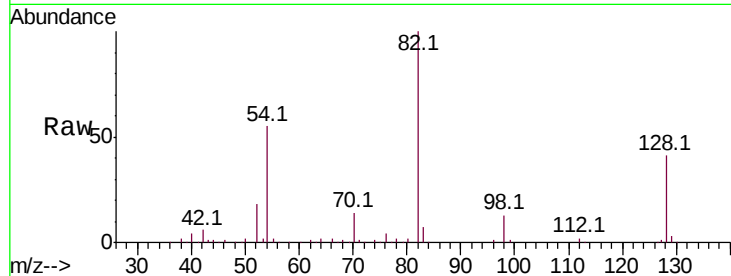




#23
 Nitrobenzene-d5
 Concen: 78.135 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

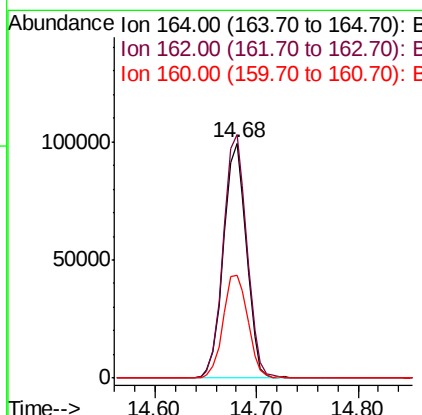
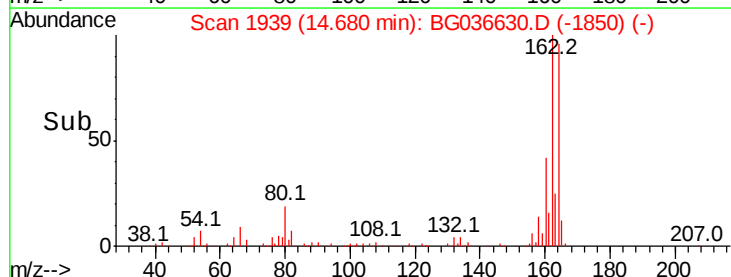
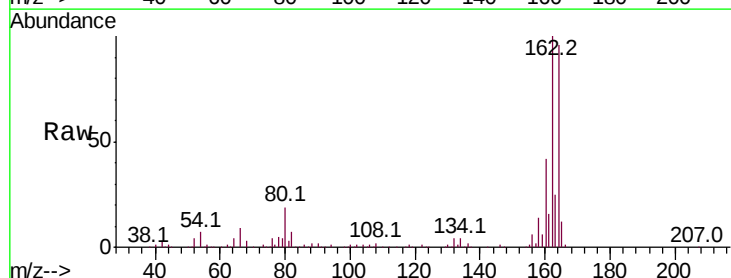
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-A

Tot Ion	82	Resp	335987
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	54.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion	164	Resp	156721
Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	44.1	35.3	52.9

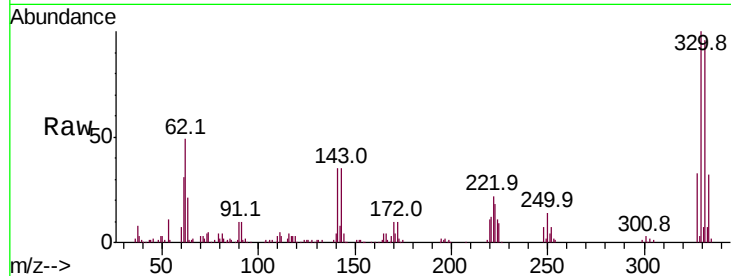




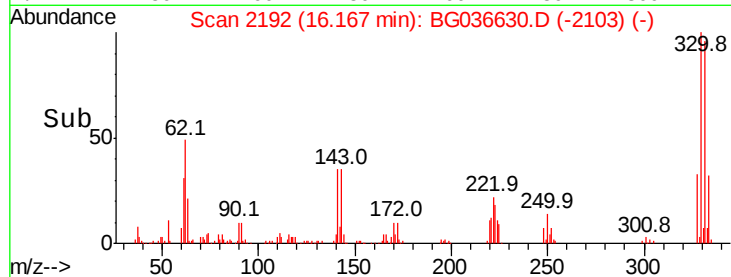
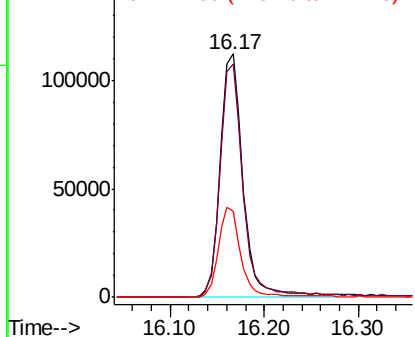
#41
 2,4,6-Tribromophenol
 Concen: 102.820 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	36.0	30.7	46.1

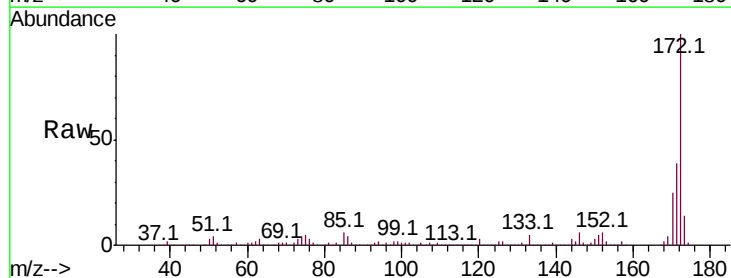


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

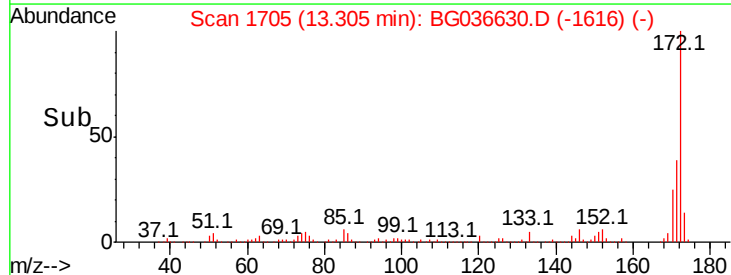
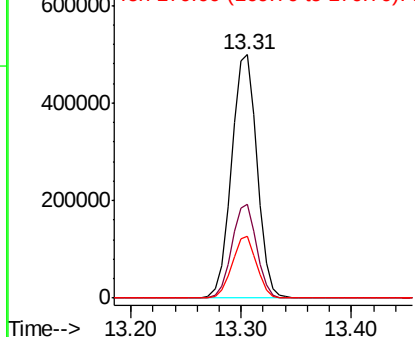


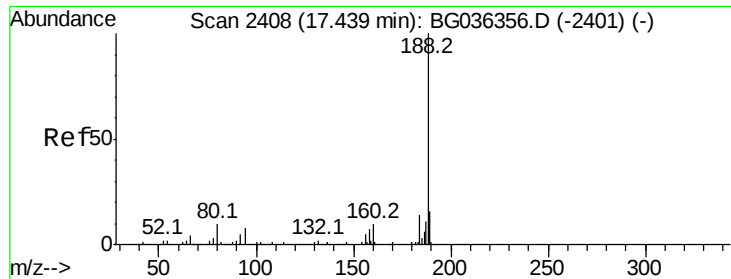
#44
 2-Fluorobiphenyl
 Concen: 73.746 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036630.D
 Acq: 10 Sep 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	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: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-A

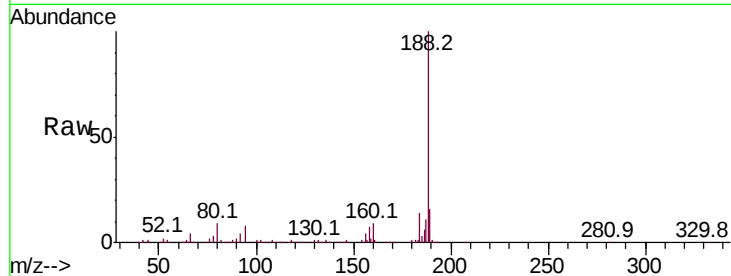
Tot Ion:188 Resp: 404296

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

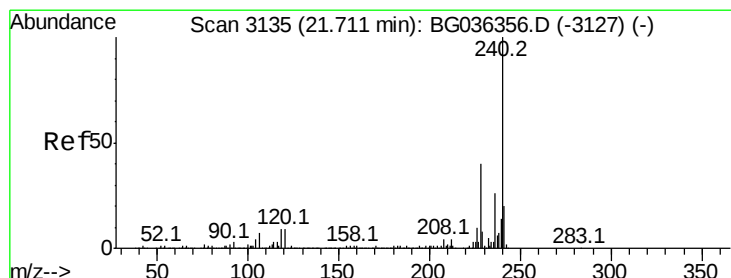
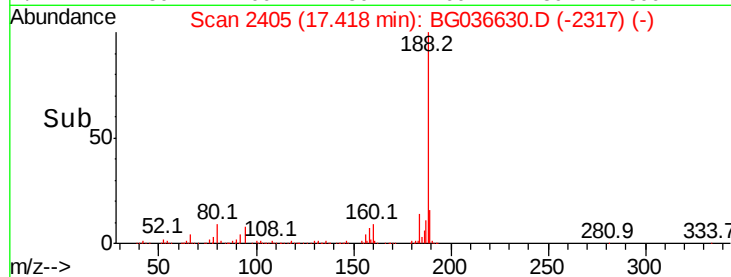
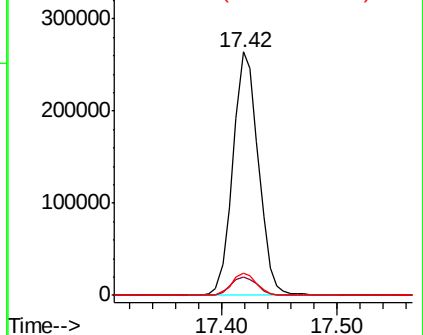
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

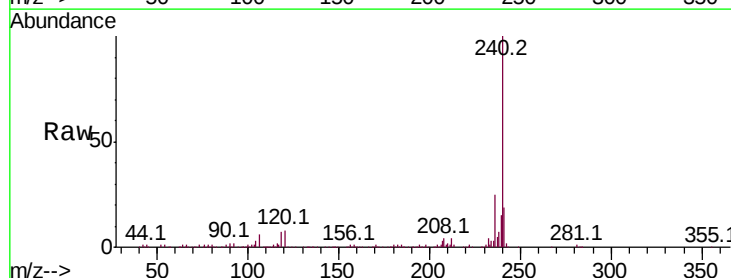
Tgt Ion:240 Resp: 417140

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

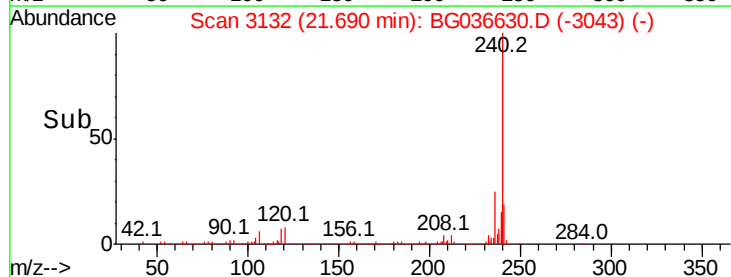
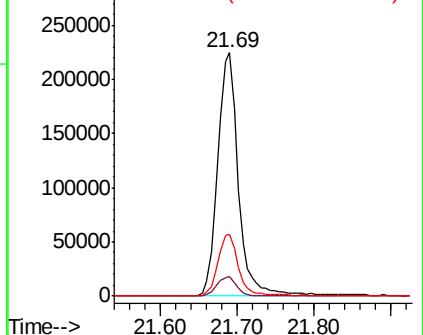
236 25.4 21.2 31.8

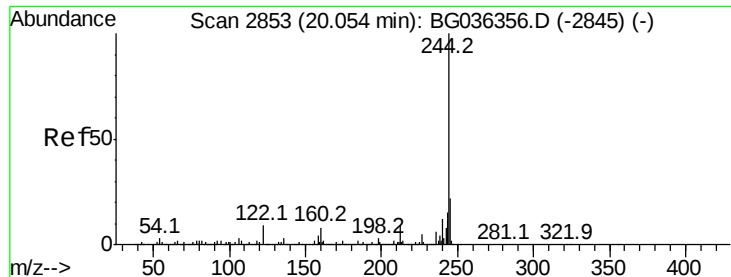


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.356 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-A

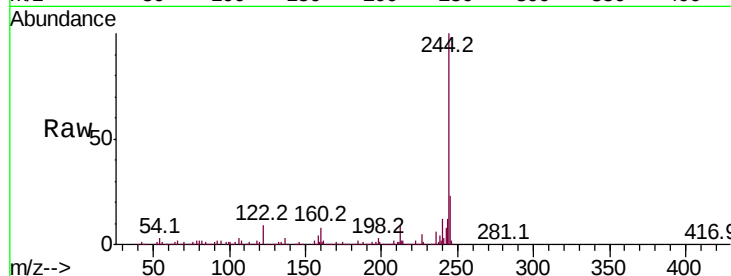
Tot Ion:244 Resp: 1416246

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

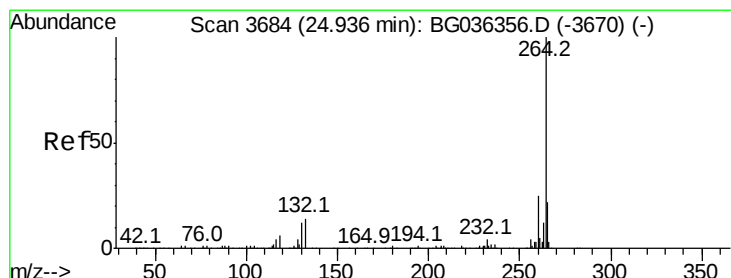
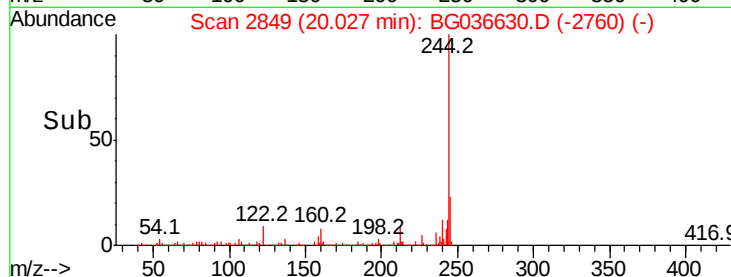
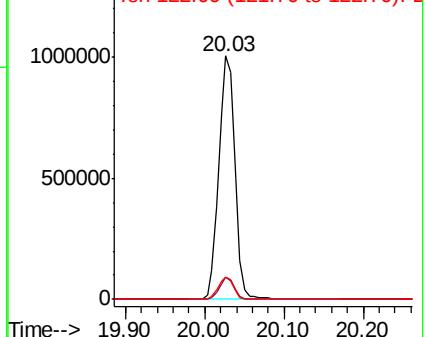
122 9.4 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036630.D

Acq: 10 Sep 2018 18:23

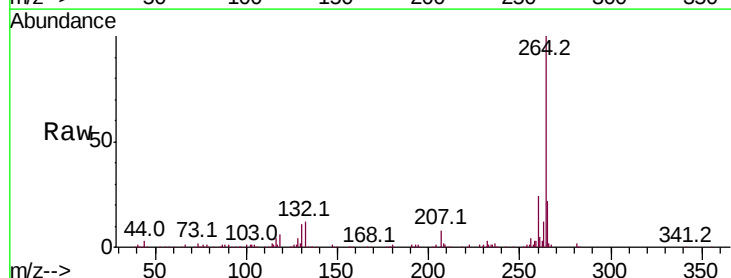
Tgt Ion:264 Resp: 353688

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 22.1 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

