

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036632.D
 Acq On : 10 Sep 2018 19:41
 Operator : JU/SJ
 Sample : J4769-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 11 02:08:46 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

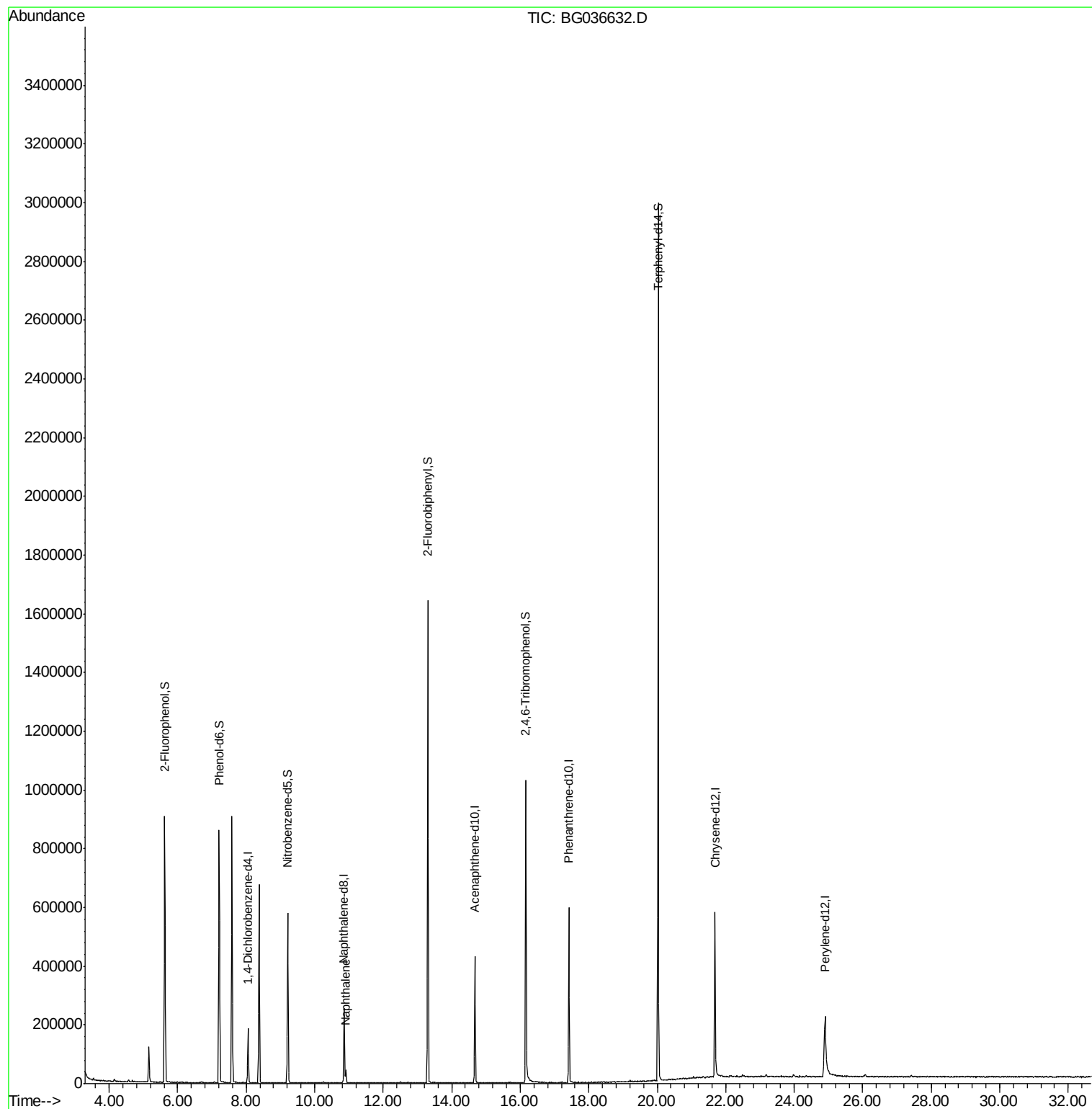
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52111	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218171	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	148082	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	372694	20.00	ng	0.00
75) Chrysene-d12	21.69	240	388081	20.00	ng	0.00
86) Perylene-d12	24.90	264	322315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	373970	113.84	ng	0.00
7) Phenol-d6	7.21	99	493945	105.02	ng	0.00
23) Nitrobenzene-d5	9.21	82	347370	86.39	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206610	116.93	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	823981	79.45	ng	0.00
78) Terphenyl-d14	20.03	244	1437169	86.56	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	35921	3.294	ng	Qvalue 99

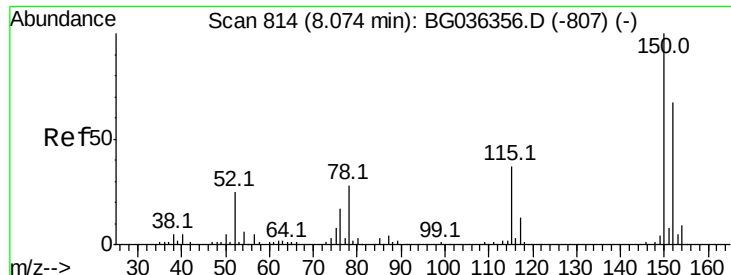
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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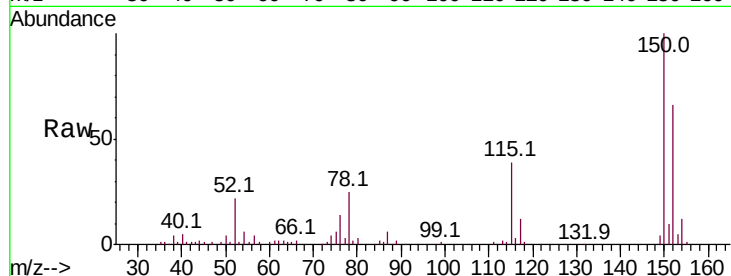


#1

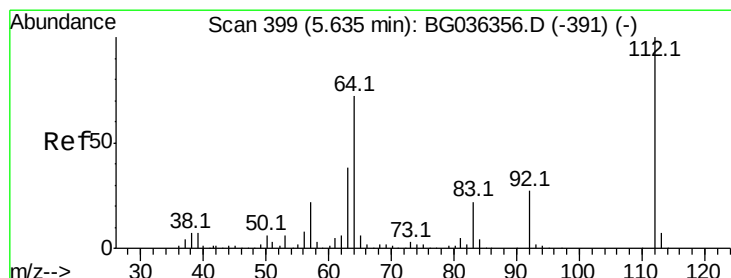
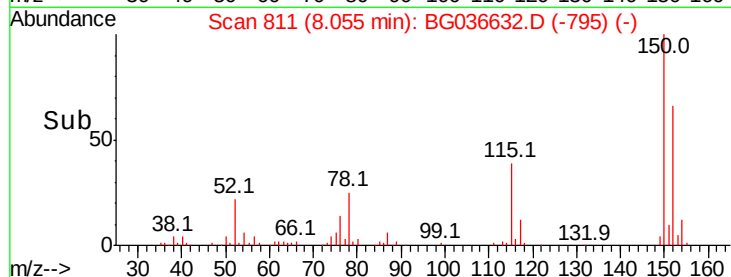
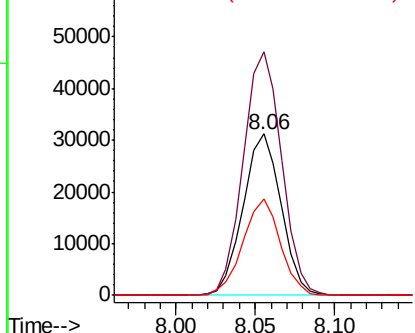
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

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

Tot Ion:152 Resp: 52111
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 59.4 44.5 66.7



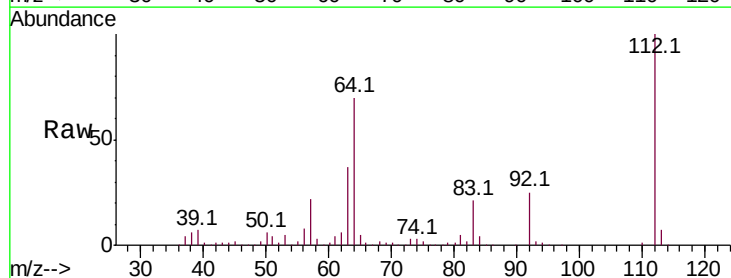
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



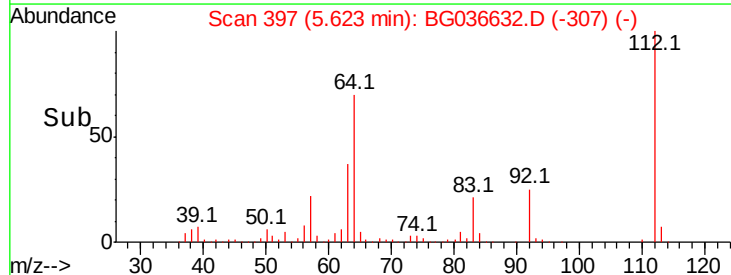
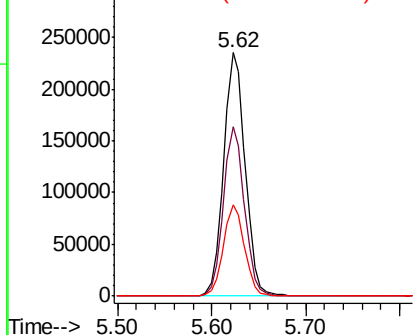
#5

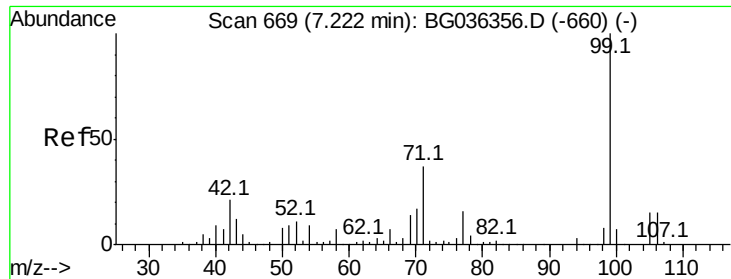
2-Fluorophenol
Concen: 113.839 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

Tgt Ion:112 Resp: 373970
Ion Ratio Lower Upper
112 100
64 69.7 57.2 85.8
63 37.3 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: 105.018 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036632.D

Acq: 10 Sep 2018 19:41

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-C

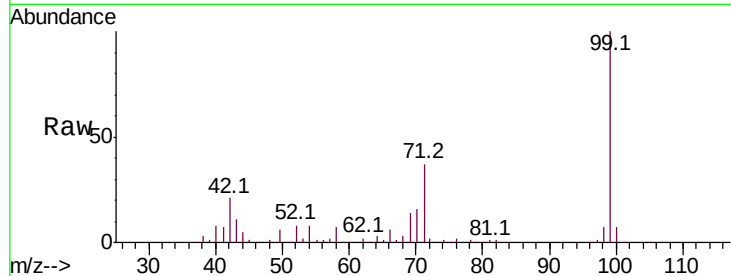
Tot Ion: 99 Resp: 493945

Ion Ratio Lower Upper

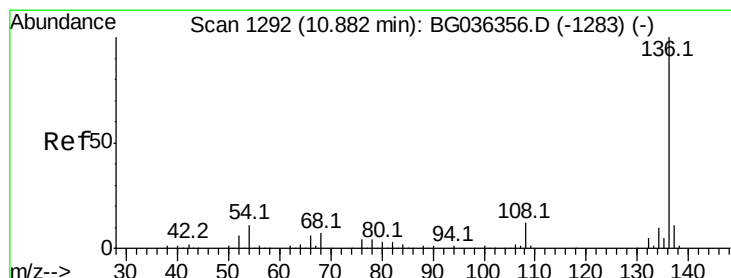
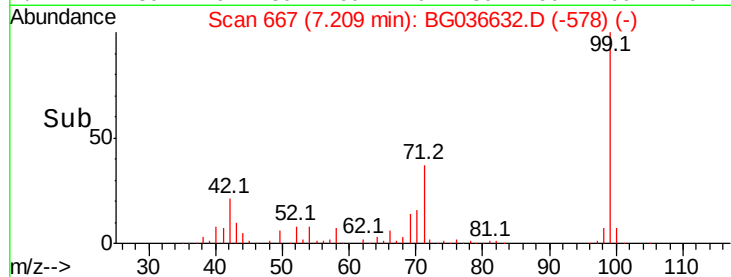
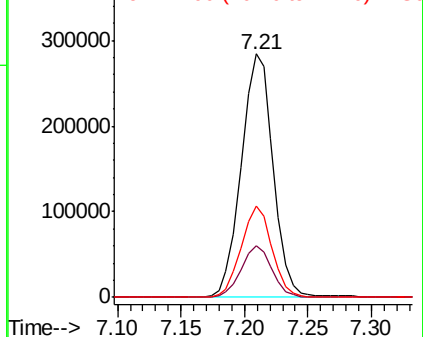
99 100

42 21.0 16.5 24.7

71 37.5 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: BG036632.D

Acq: 10 Sep 2018 19:41

Tgt Ion: 136 Resp: 218171

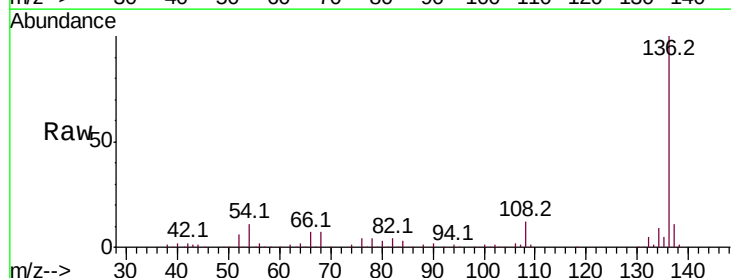
Ion Ratio Lower Upper

136 100

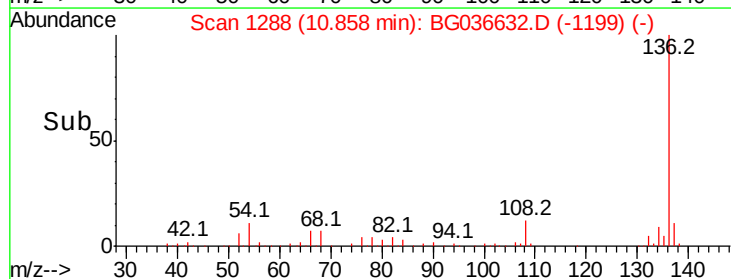
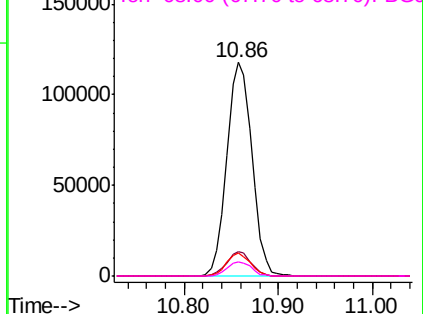
137 11.3 8.8 13.2

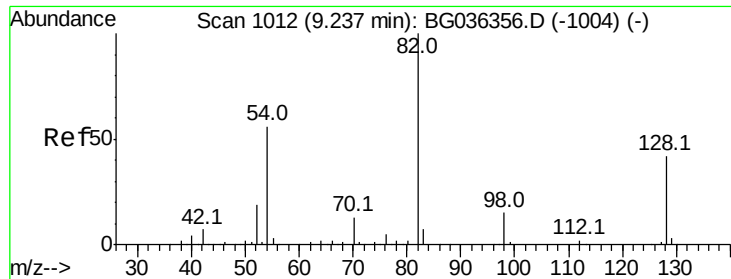
54 10.7 9.2 13.8

68 6.7 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

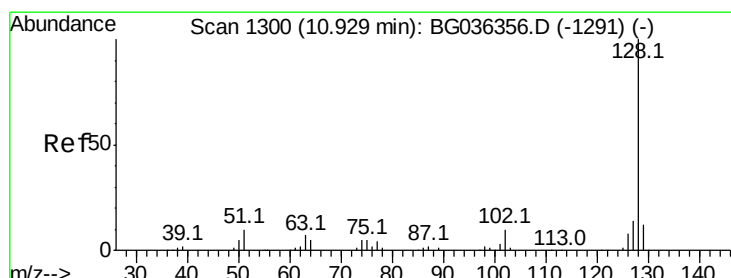
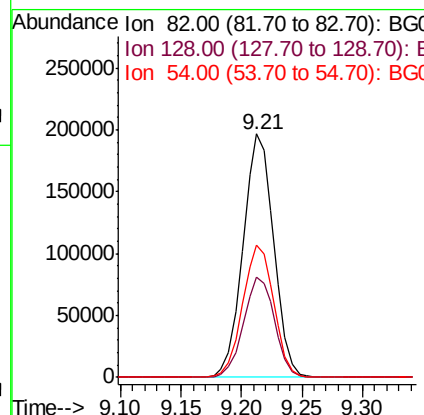
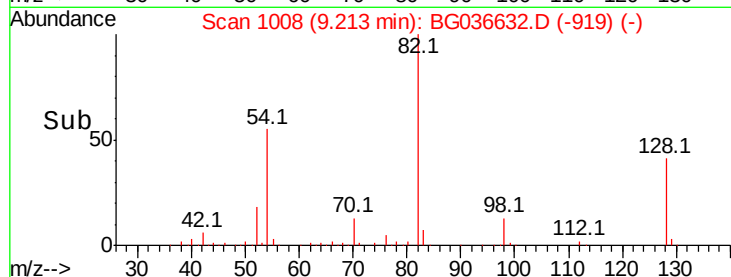
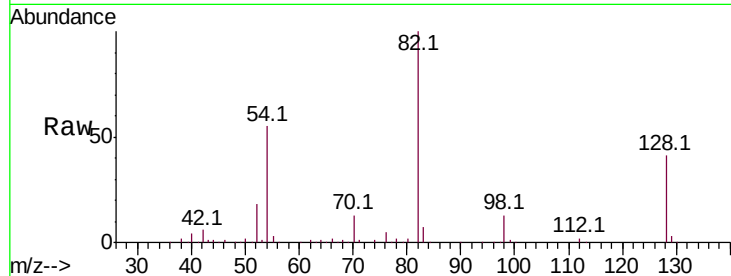




#23
Nitrobenzene-d5
Concen: 86.387 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

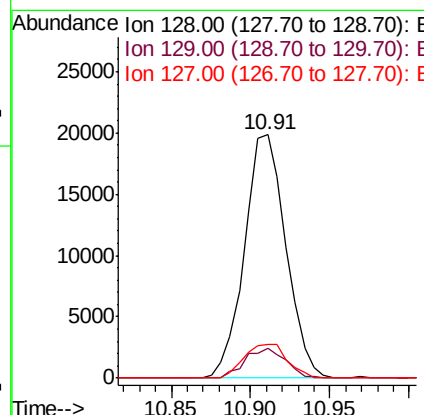
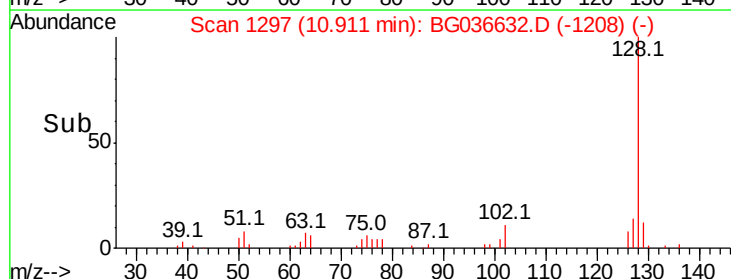
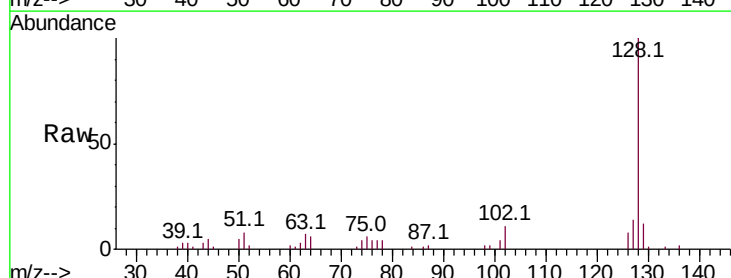
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-C

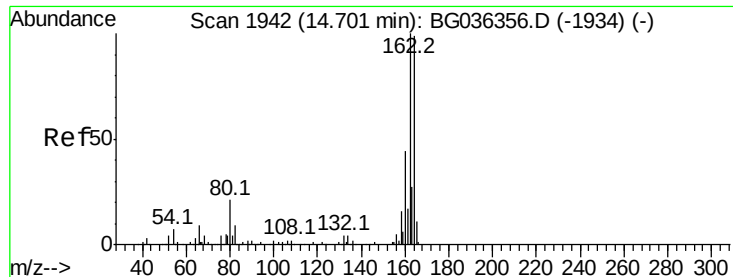
Tot Ion: 82 Resp: 347370
Ion Ratio Lower Upper
82 100
128 41.0 33.3 49.9
54 54.5 45.1 67.7



#31
Naphthalene
Concen: 3.294 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

Tgt Ion: 128 Resp: 35921
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.0 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036632.D

Acq: 10 Sep 2018 19:41

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-C

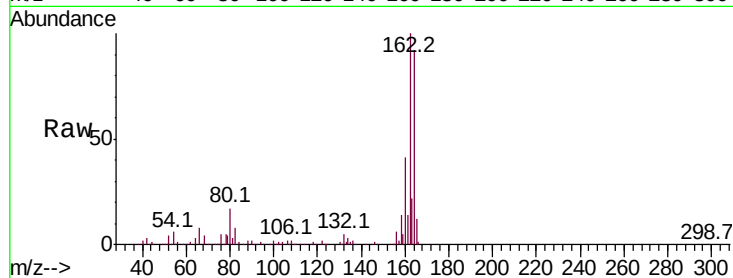
Tot Ion:164 Resp: 148082

Ion Ratio Lower Upper

164 100

162 108.8 80.7 121.1

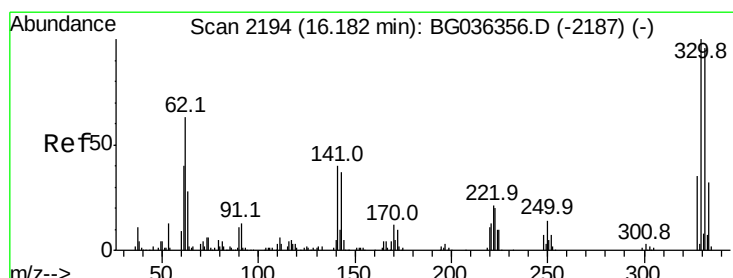
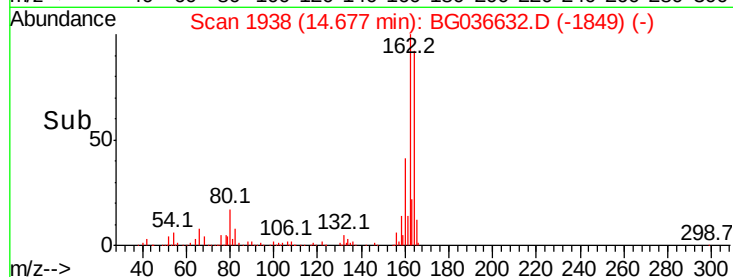
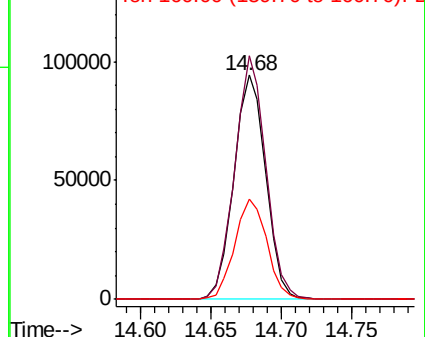
160 44.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 116.930 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036632.D

Acq: 10 Sep 2018 19:41

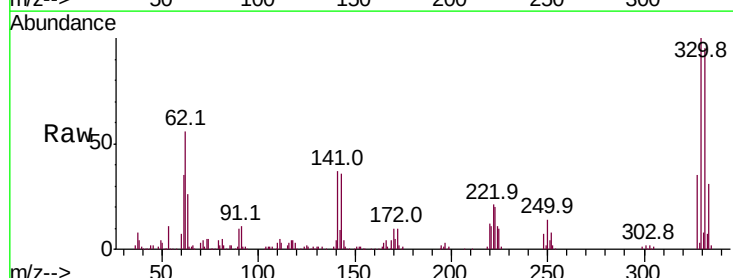
Tgt Ion:330 Resp: 206610

Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

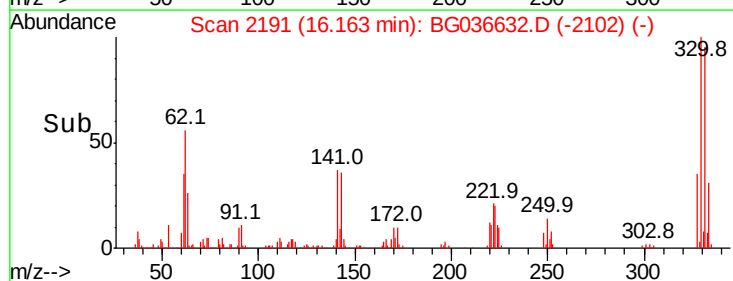
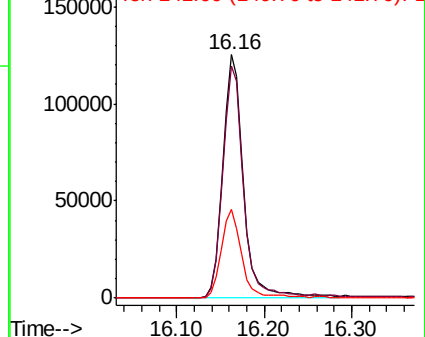
141 36.3 30.7 46.1

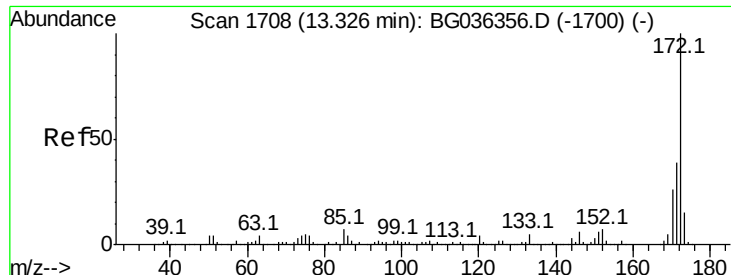


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

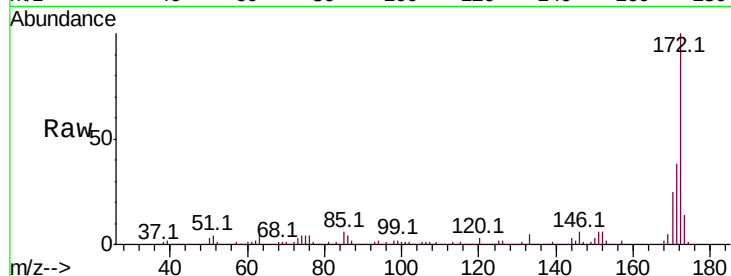




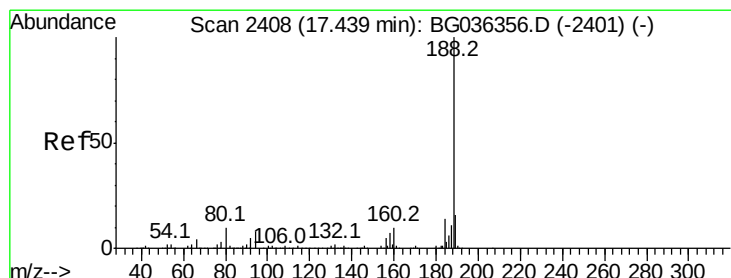
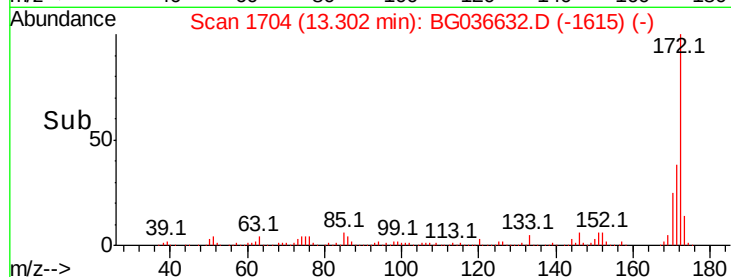
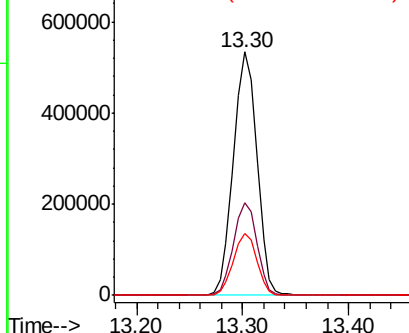
#44
2-Fluorobiphenyl
Concen: 79.449 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

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

Tot Ion:172 Resp: 823981
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 25.4 21.0 31.6

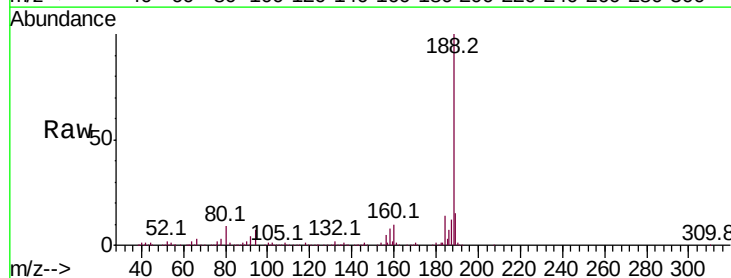


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

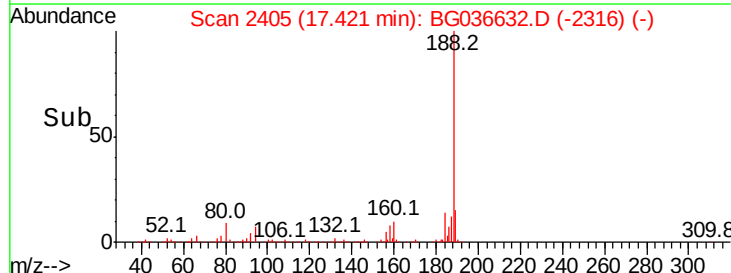
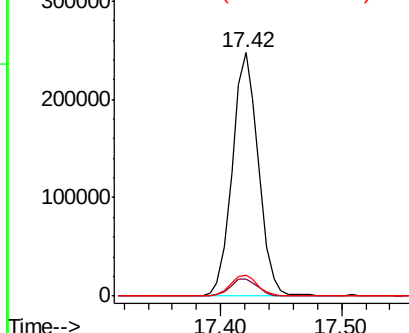


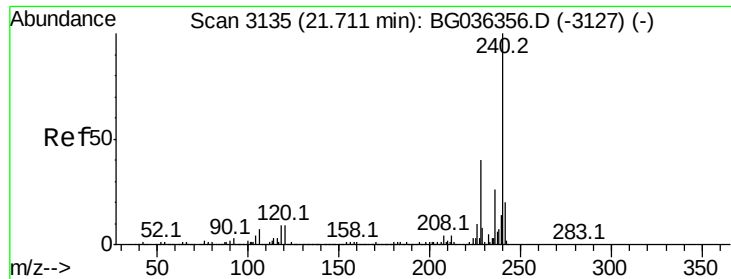
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

Tgt Ion:188 Resp: 372694
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.6 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# 3131

Delta R.T. -0.01 min

Lab File: BG036632.D

Acq: 10 Sep 2018 19:41

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-C

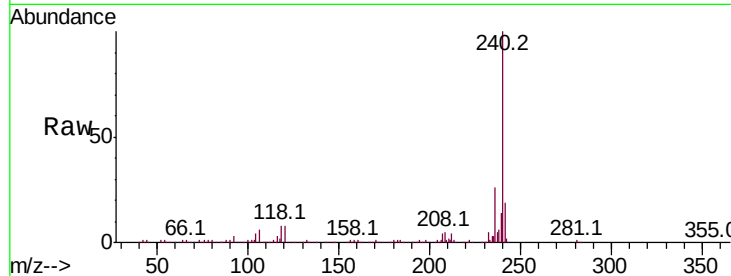
Tot Ion:240 Resp: 388081

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

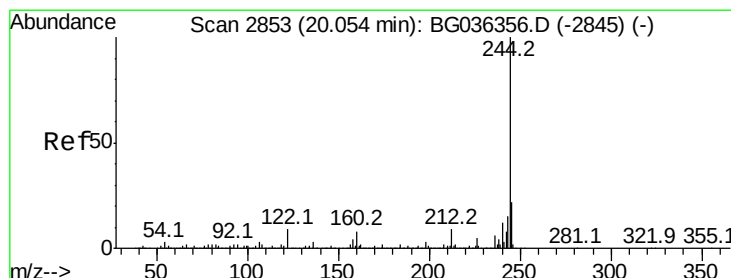
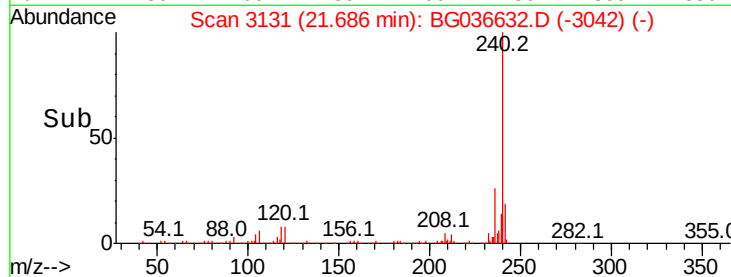
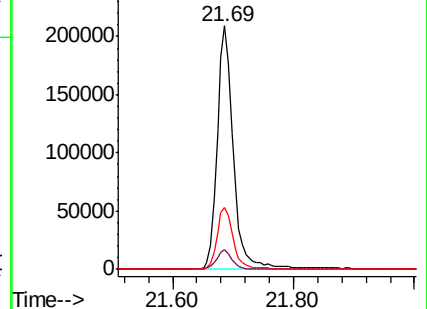
236 25.6 21.2 31.8



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: 86.558 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036632.D

Acq: 10 Sep 2018 19:41

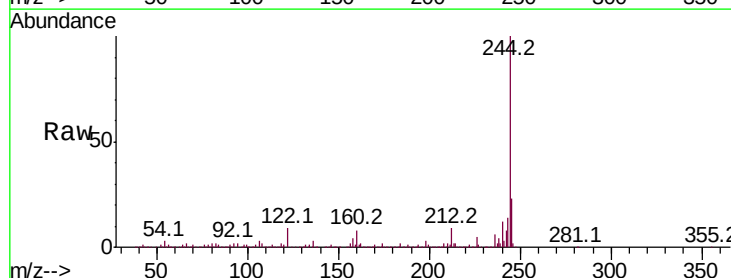
Tgt Ion:244 Resp: 1437169

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

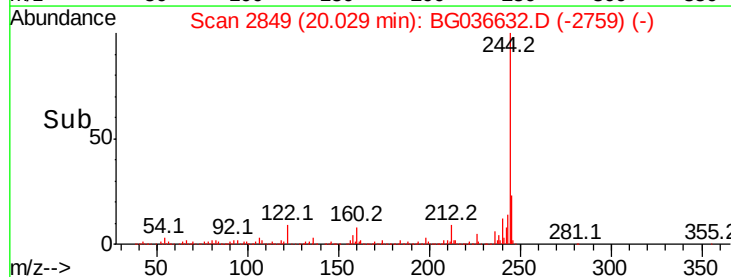
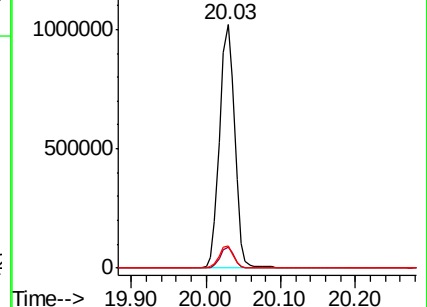
122 8.9 7.1 10.7

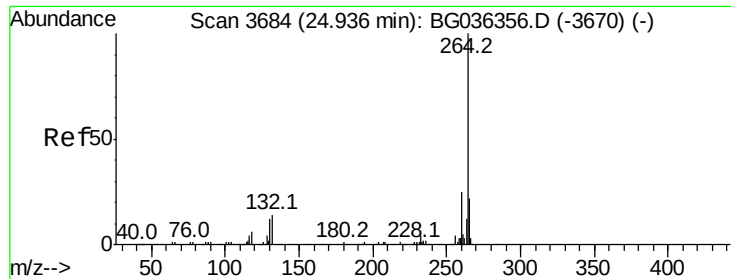


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036632.D
Acq: 10 Sep 2018 19:41

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	23.0	17.4	26.0

