

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036618.D
 Acq On : 8 Sep 2018 5:23
 Operator : JU/SJ
 Sample : J4775-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-090618-A

Quant Time: Sep 08 06:47:23 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

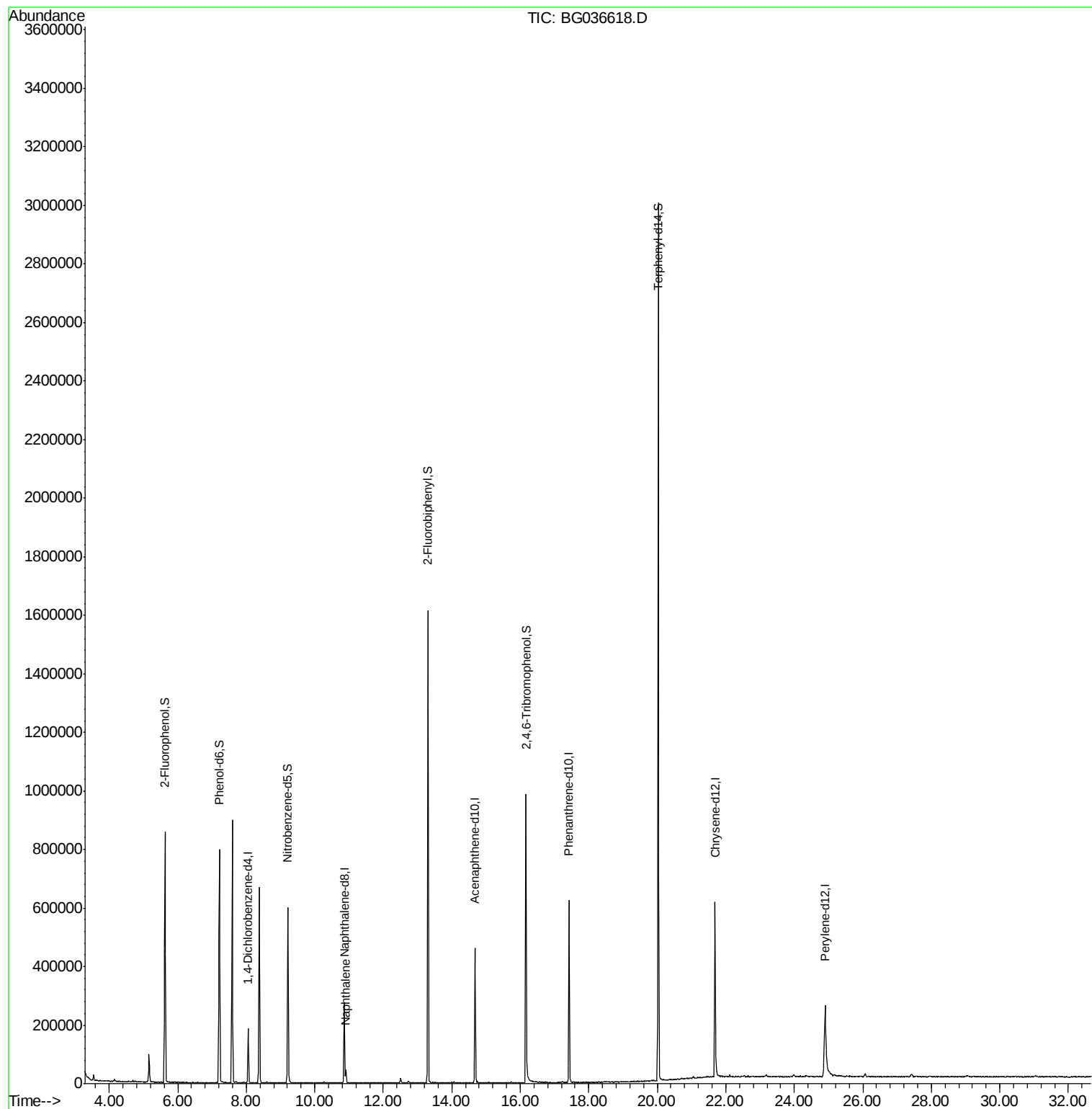
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52542	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	225867	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157010	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	398555	20.00	ng	0.00
75) Chrysene-d12	21.69	240	417857	20.00	ng	0.00
86) Perylene-d12	24.90	264	368239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	350001	105.67	ng	0.00
7) Phenol-d6	7.21	99	454400	95.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	358553	86.13	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	198621	106.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	832637	75.72	ng	0.00
78) Terphenyl-d14	20.03	244	1471142	82.29	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	36855	3.264	ng	Qvalue 96

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

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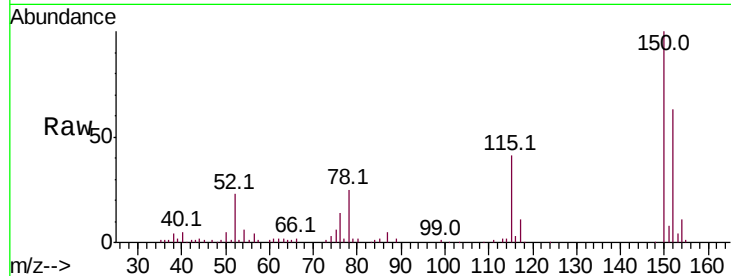


#1

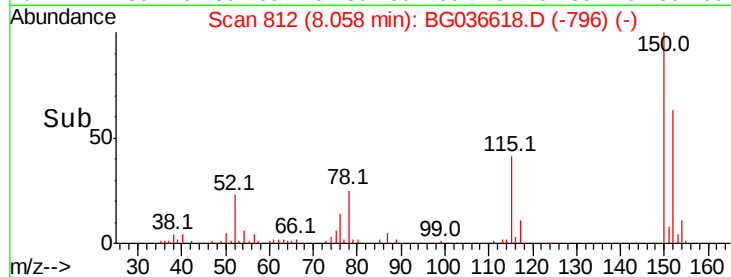
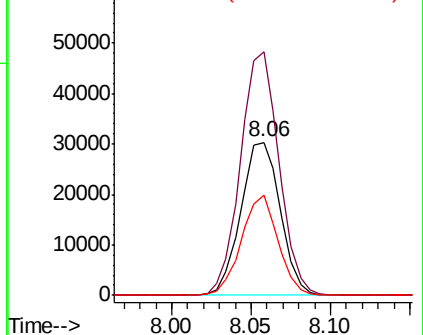
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_G
ClientSampleId :
OR-02-090618-A

Tot Ion:152 Resp: 52542
Ion Ratio Lower Upper
152 100
150 159.2 119.5 179.3
115 65.2 44.5 66.7



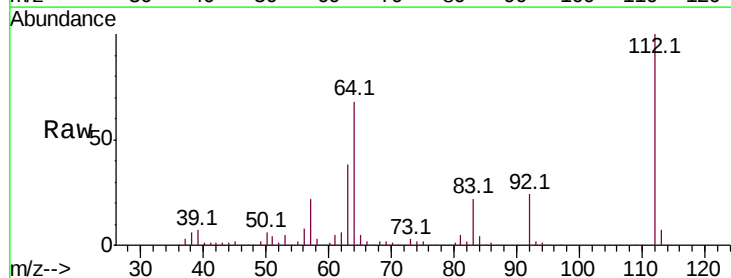
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



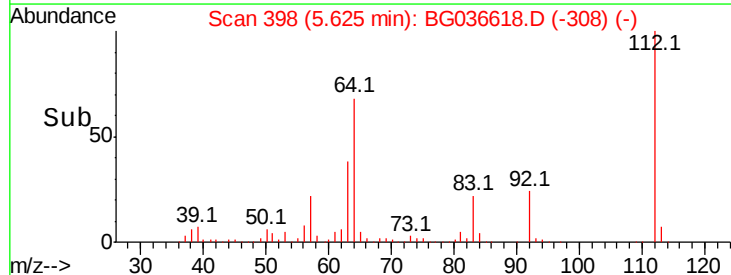
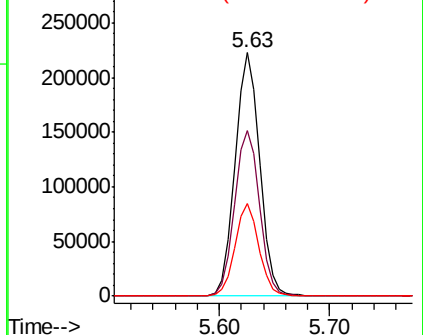
#5

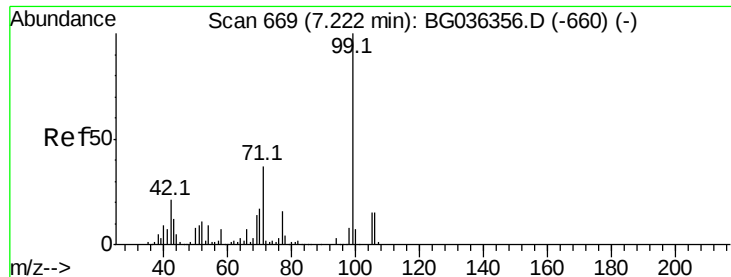
2-Fluorophenol
Concen: 105.669 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:112 Resp: 350001
Ion Ratio Lower Upper
112 100
64 68.1 57.2 85.8
63 38.0 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: 95.818 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-A

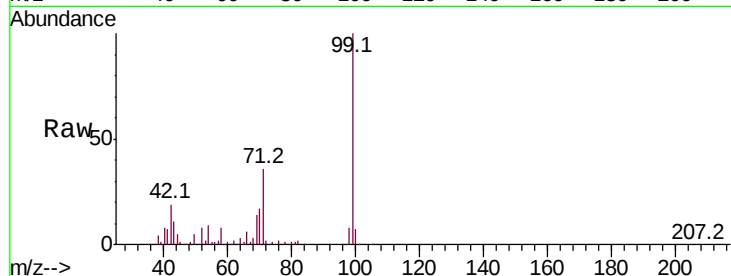
Tot Ion: 99 Resp: 454400

Ion Ratio Lower Upper

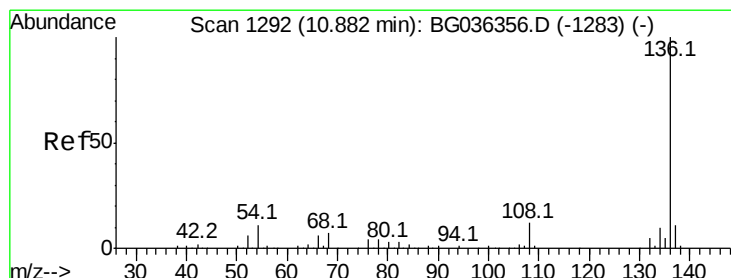
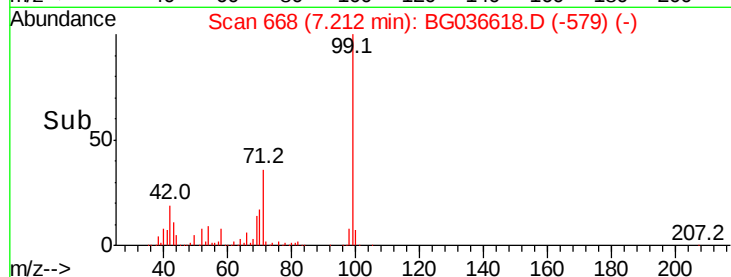
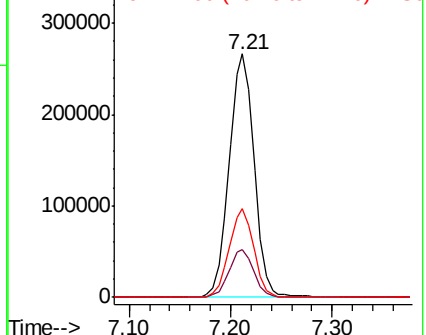
99 100

42 19.5 16.5 24.7

71 36.3 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: BG036618.D

Acq: 8 Sep 2018 5:23

Tgt Ion: 136 Resp: 225867

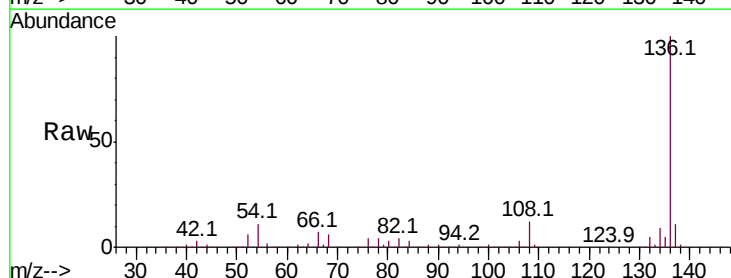
Ion Ratio Lower Upper

136 100

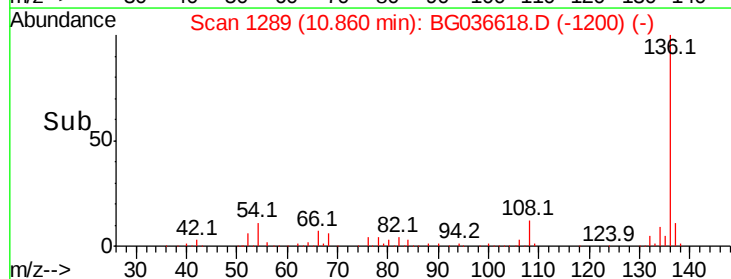
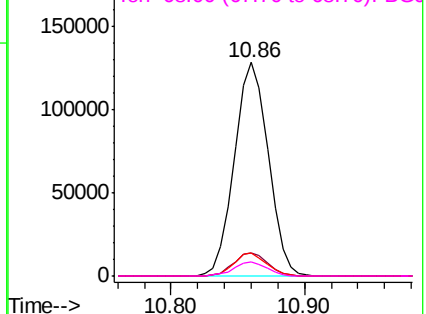
137 11.1 8.8 13.2

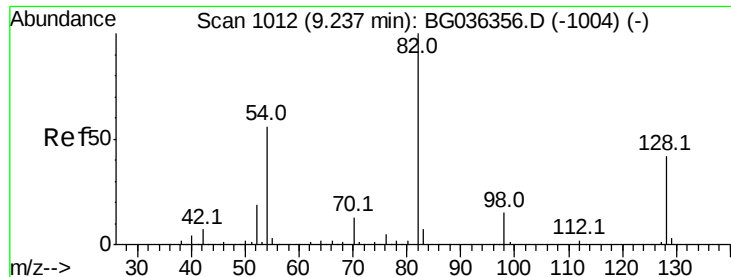
54 11.0 9.2 13.8

68 6.3 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

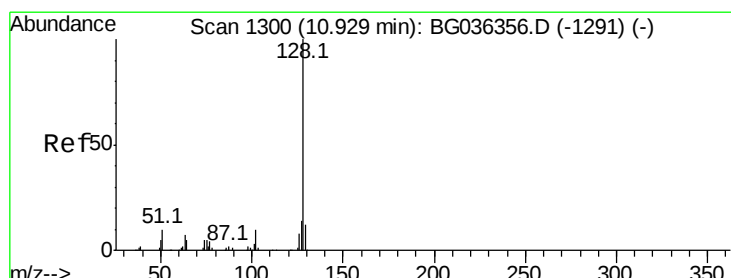
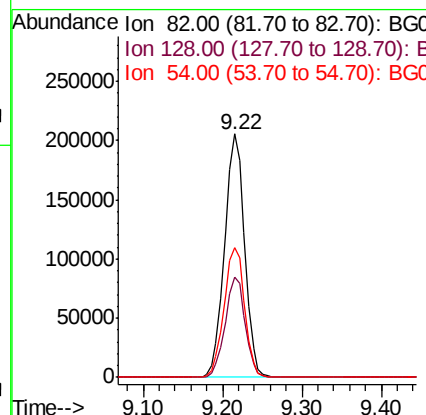
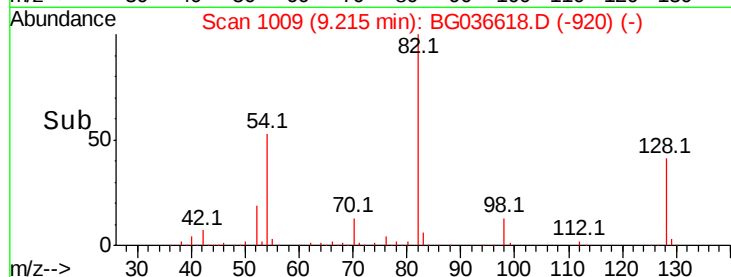
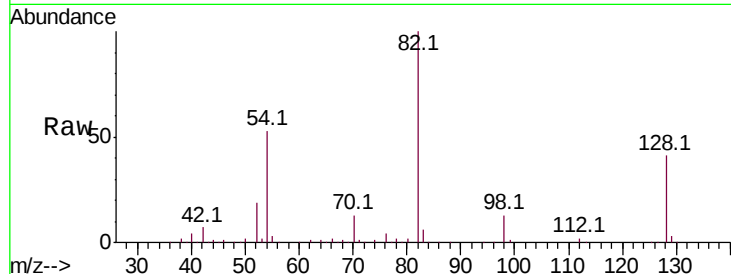




#23
 Nitrobenzene-d5
 Concen: 86.130 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

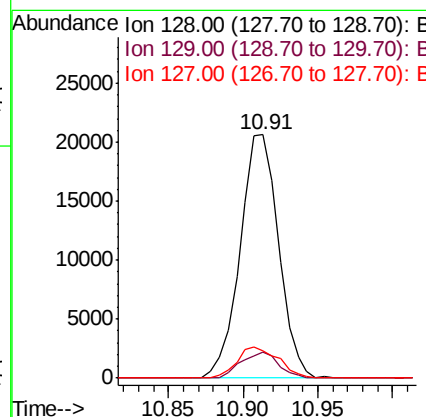
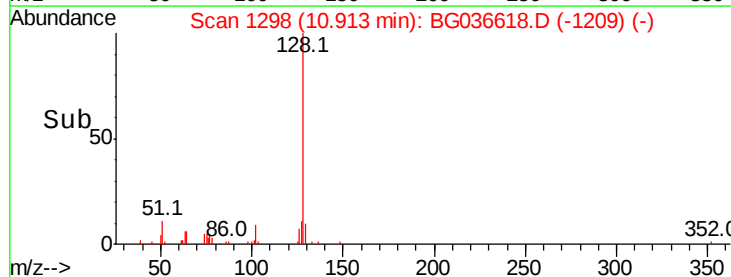
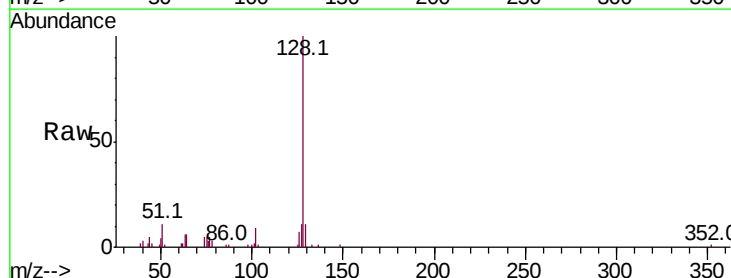
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-090618-A

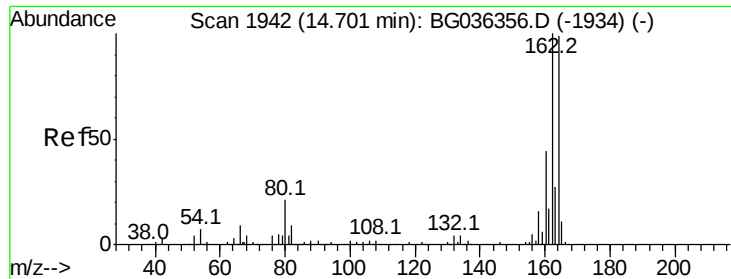
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	53.4	45.1	67.7



#31
 Naphthalene
 Concen: 3.264 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	11.5	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-A

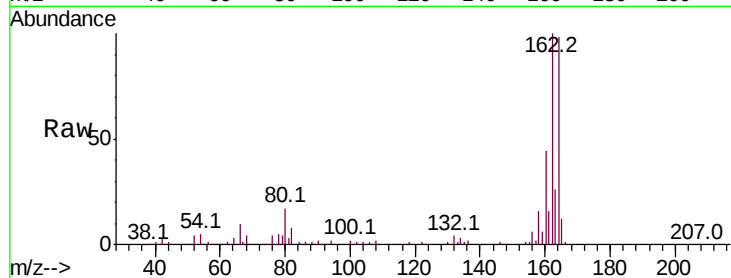
Tot Ion:164 Resp: 157010

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

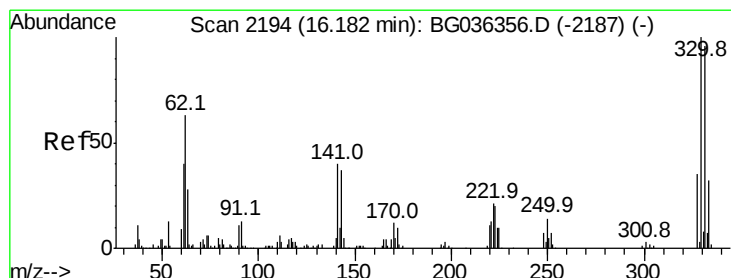
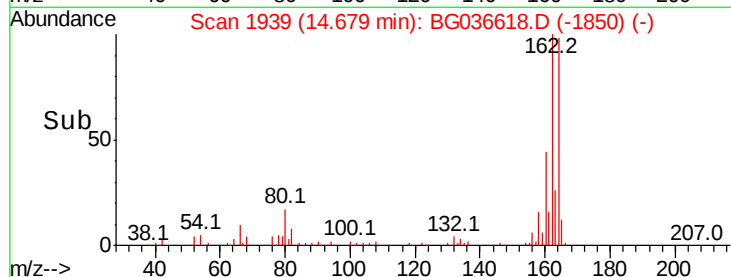
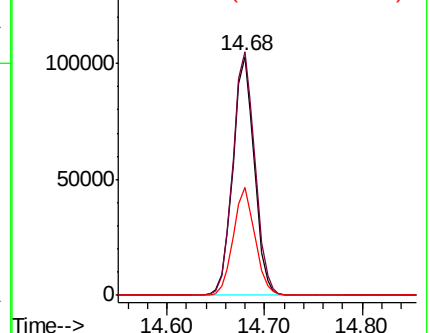
160 45.0 35.3 52.9



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: 106.017 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

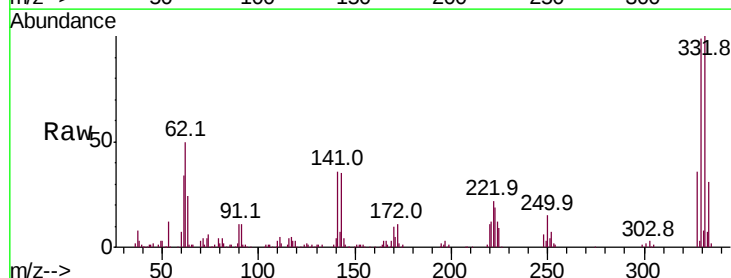
Tgt Ion:330 Resp: 198621

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

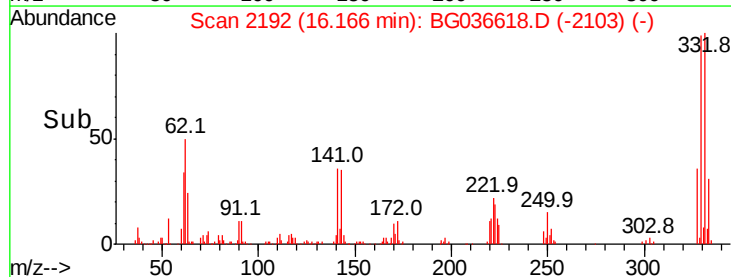
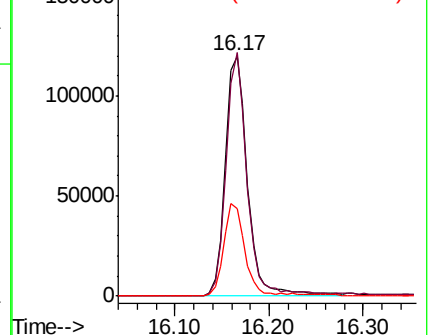
141 35.9 30.7 46.1



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



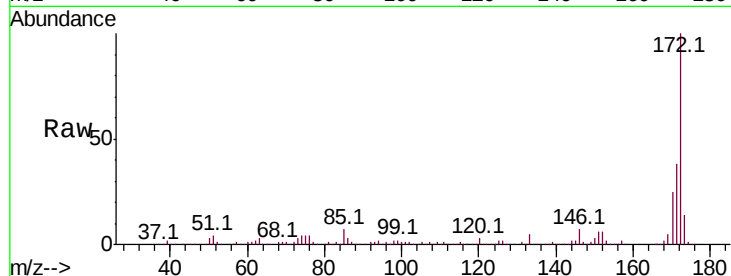


#44
 2-Fluorobiphenyl
 Concen: 75.718 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

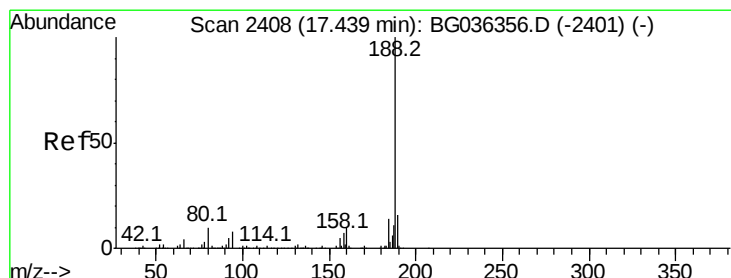
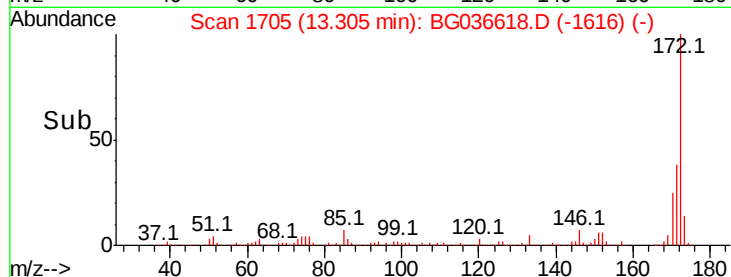
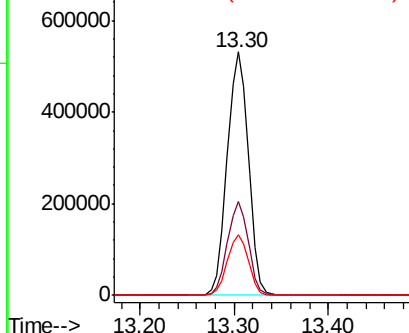
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-090618-A

Tot Ion:172 Resp: 832637

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.7	21.0	31.6



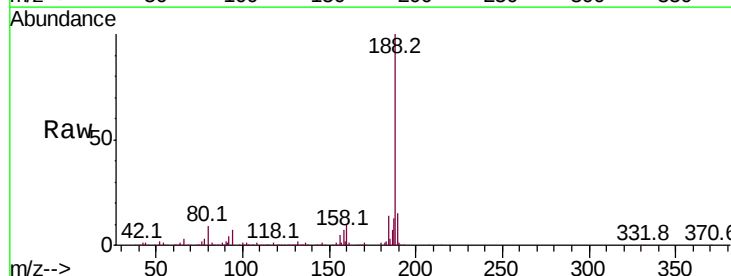
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



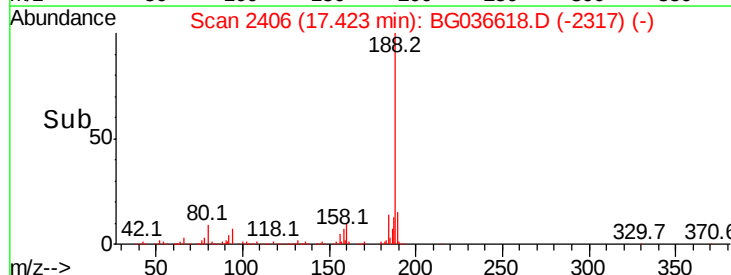
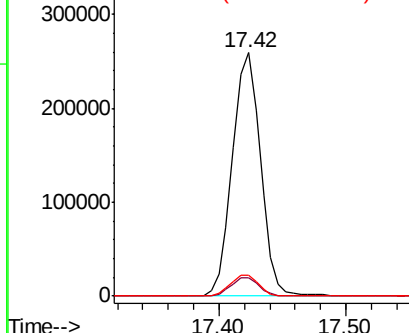
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036618.D
 Acq: 8 Sep 2018 5:23

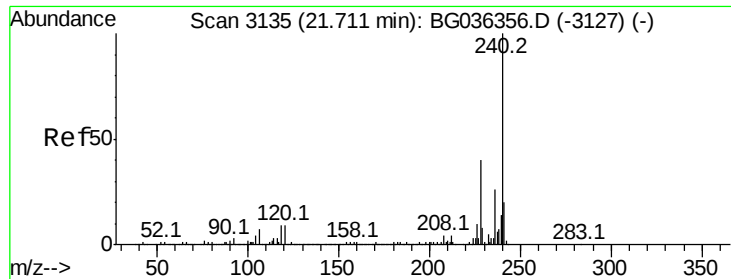
Tgt Ion:188 Resp: 398555

Ion	Ratio	Lower	Upper
188	100		
94	7.4	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# 3132

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

Instrument :

BNA_G

ClientSampleId :

OR-02-090618-A

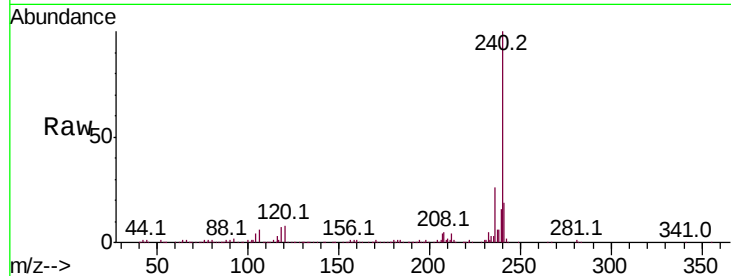
Tot Ion:240 Resp: 417857

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

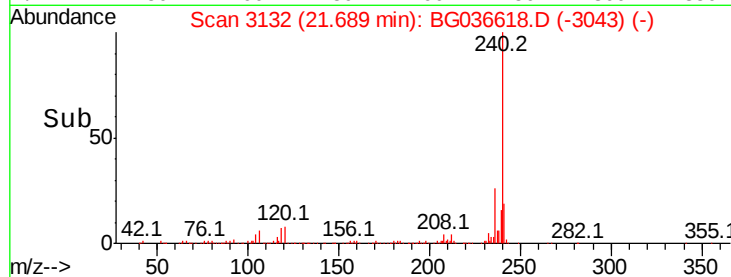
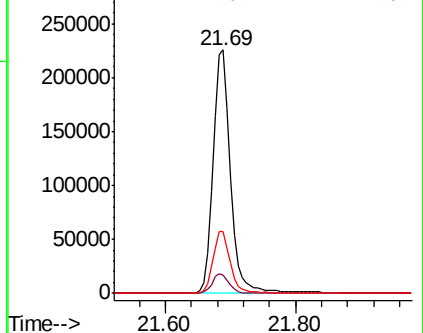
236 25.6 21.2 31.8



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: 82.290 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036618.D

Acq: 8 Sep 2018 5:23

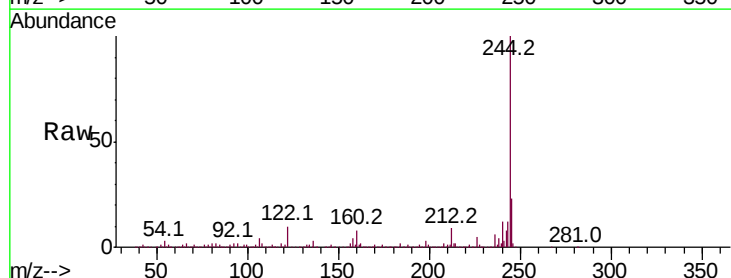
Tgt Ion:244 Resp: 1471142

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

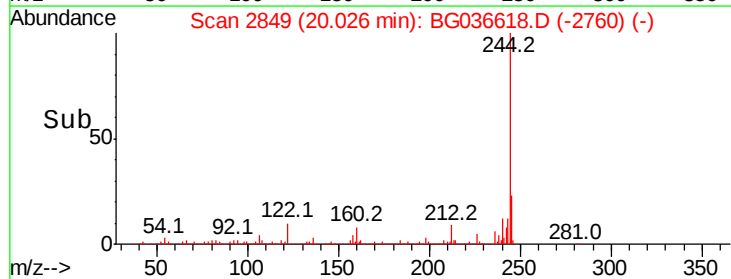
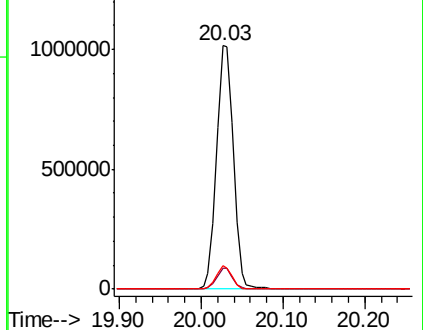
122 9.6 7.1 10.7

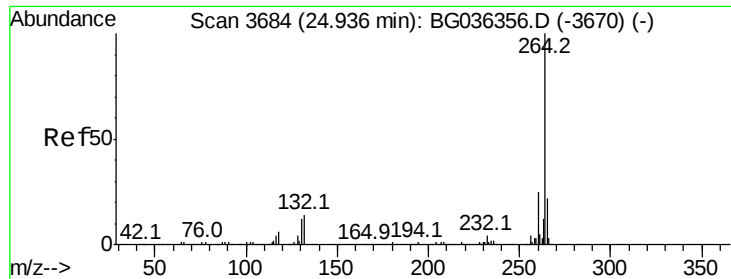


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_G
ClientSampleId :
OR-02-090618-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.4	26.0

