

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
 Data File : BG036693.D
 Acq On : 13 Sep 2018 21:54
 Operator : JU/SJ
 Sample : J4875-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-B

Quant Time: Sep 14 01:42:37 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

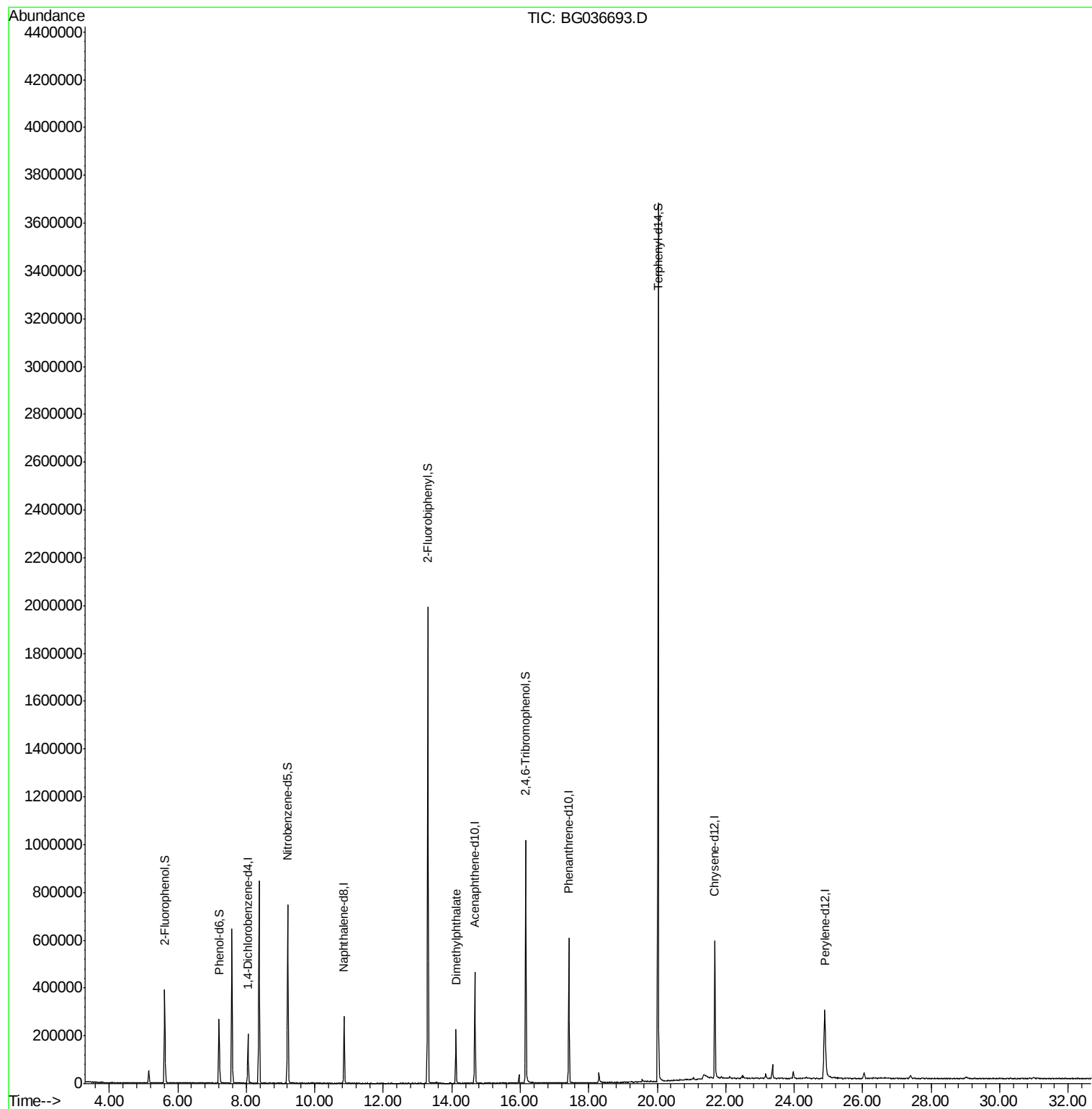
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57889	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	235406	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	154965	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	388098	20.00	ng	0.00
75) Chrysene-d12	21.68	240	395634	20.00	ng	-0.02
86) Perylene-d12	24.89	264	357063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	165283	45.29	ng	0.00
7) Phenol-d6	7.20	99	158591	30.35	ng	-0.02
23) Nitrobenzene-d5	9.21	82	455724	105.04	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	187357	101.32	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1025010	94.44	ng	0.00
78) Terphenyl-d14	20.03	244	1718127	101.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	152281	12.034	ng	99

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

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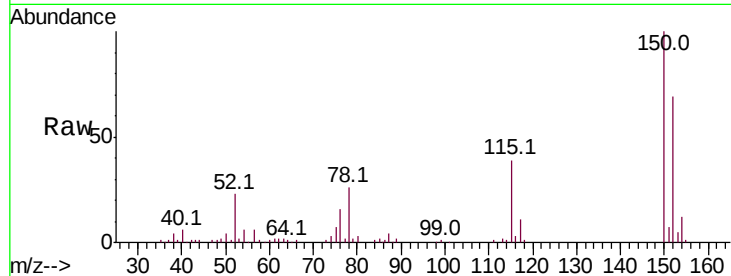


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	56.4	44.5	66.7

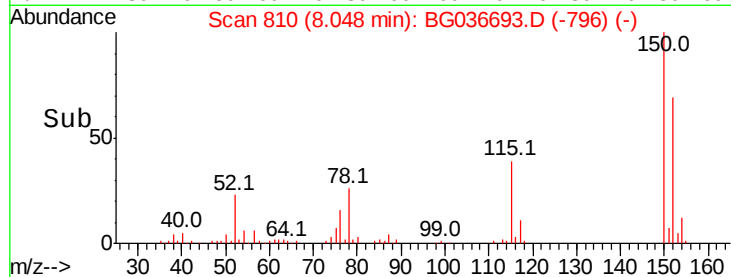
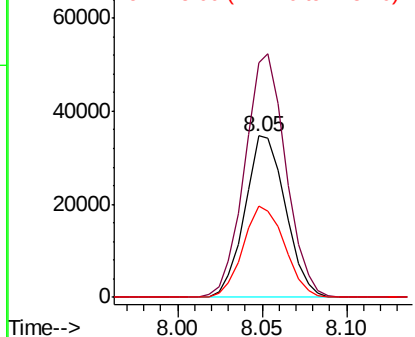


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

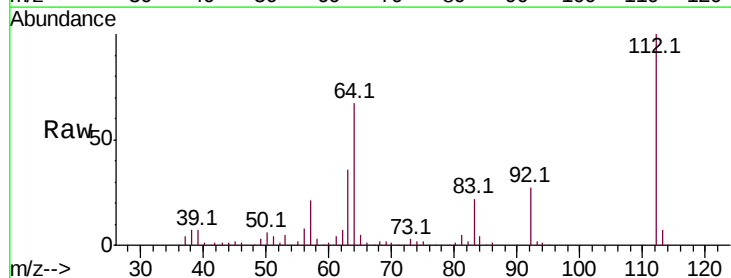
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 45.291 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	57.2	85.8
63	36.3	30.8	46.2

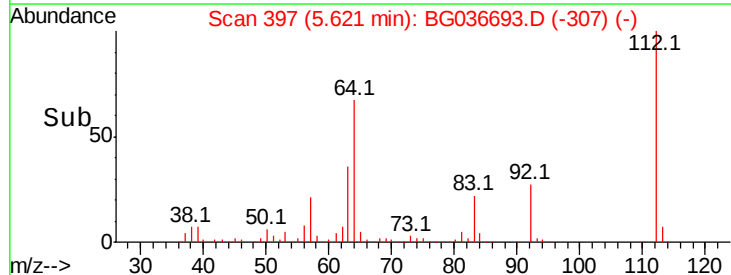
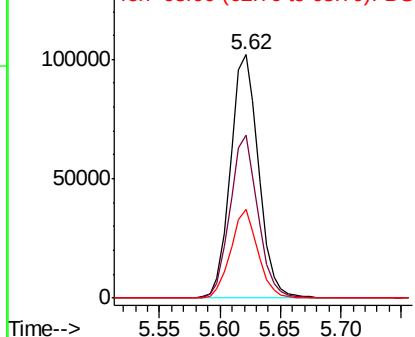


Abundance

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: 30.353 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-B

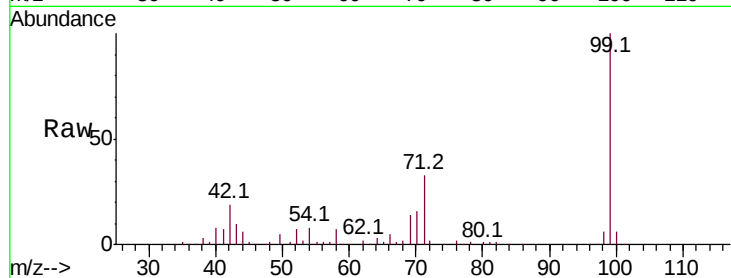
Tot Ion: 99 Resp: 158591

Ion Ratio Lower Upper

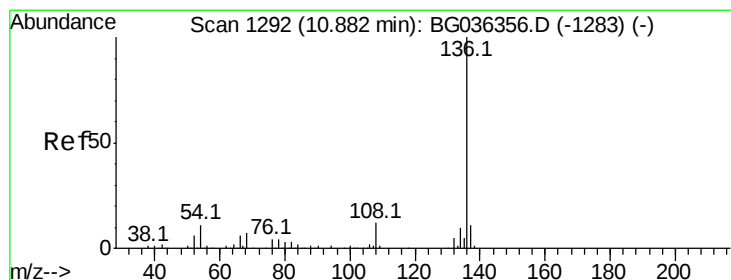
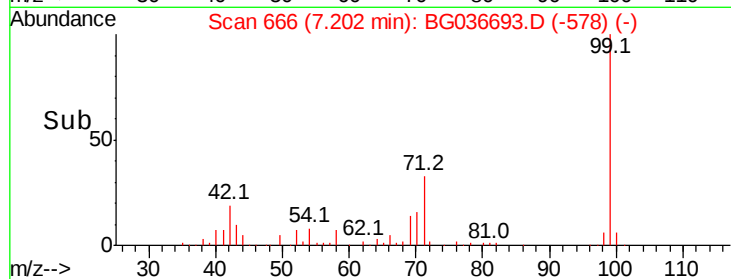
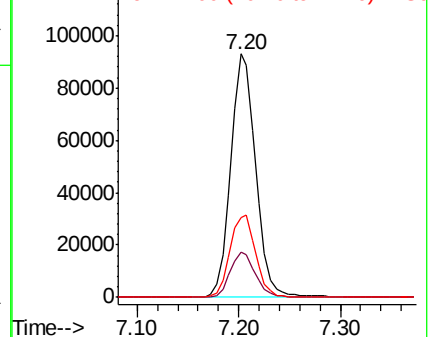
99 100

42 18.8 16.5 24.7

71 33.0 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: BG036693.D

Acq: 13 Sep 2018 21:54

Tgt Ion: 136 Resp: 235406

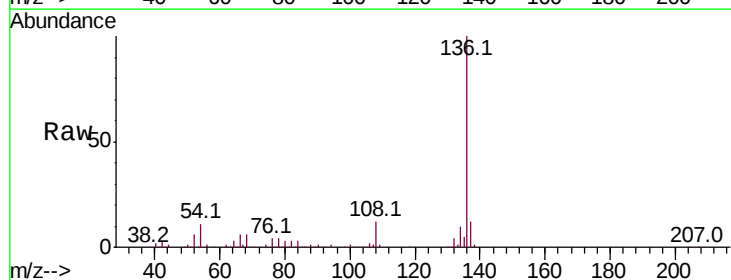
Ion Ratio Lower Upper

136 100

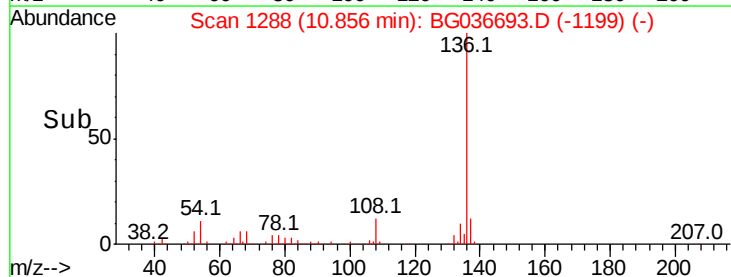
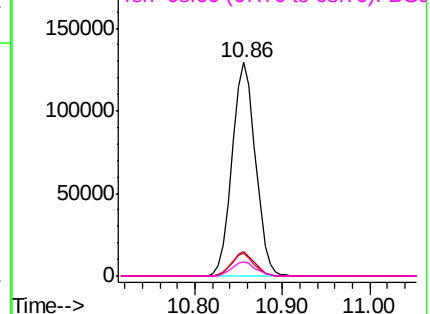
137 11.5 8.8 13.2

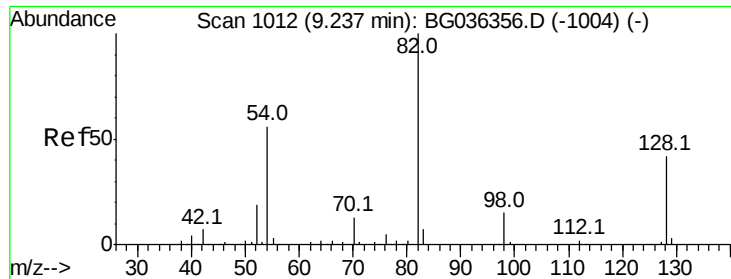
54 10.6 9.2 13.8

68 6.4 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

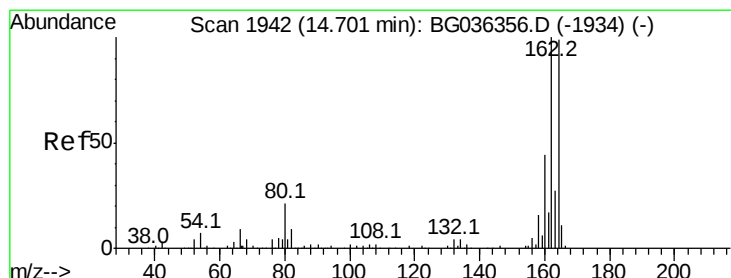
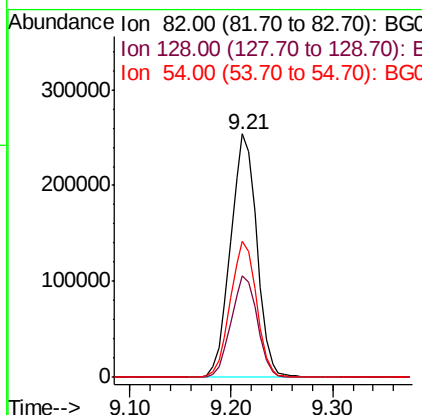
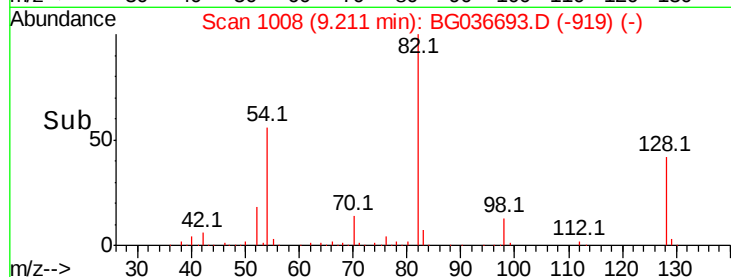
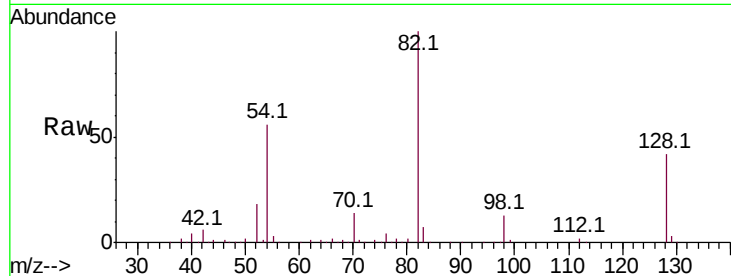




#23
Nitrobenzene-d5
Concen: 105.036 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

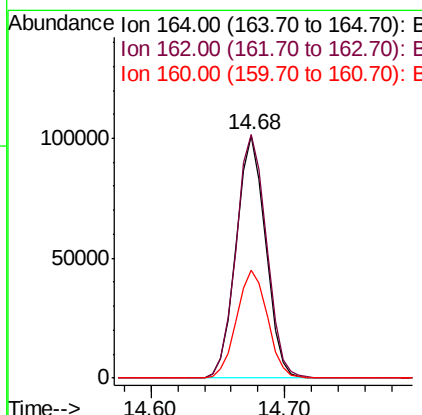
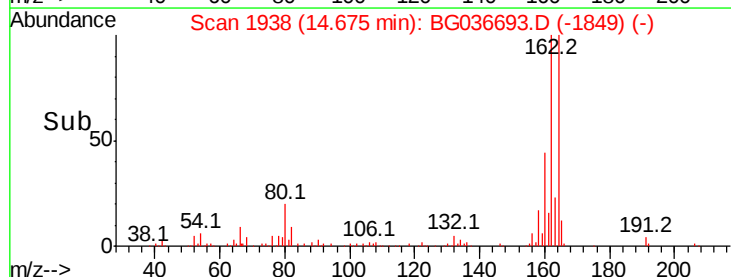
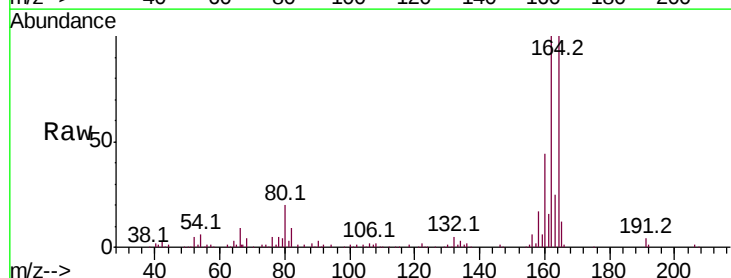
Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-D-B

Tot Ion: 82 Resp: 455724
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 56.1 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

Tgt Ion:164 Resp: 154965
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 44.2 35.3 52.9

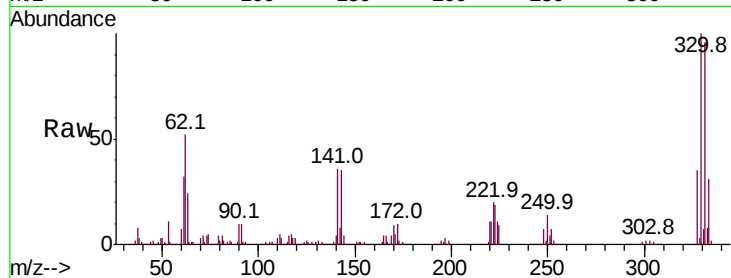




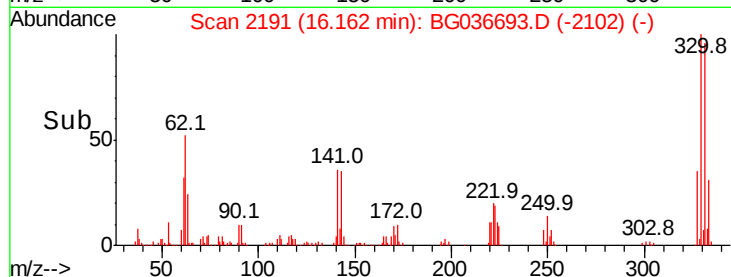
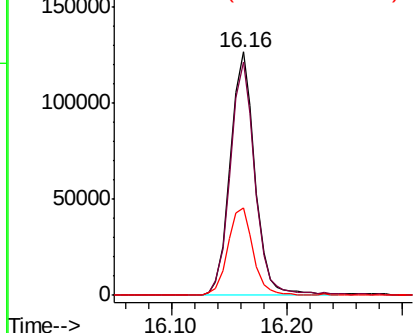
#41
 2,4,6-Tribromophenol
 Concen: 101.325 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	36.8	30.7	46.1

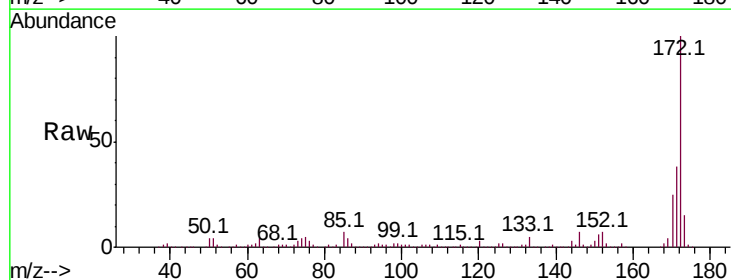


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

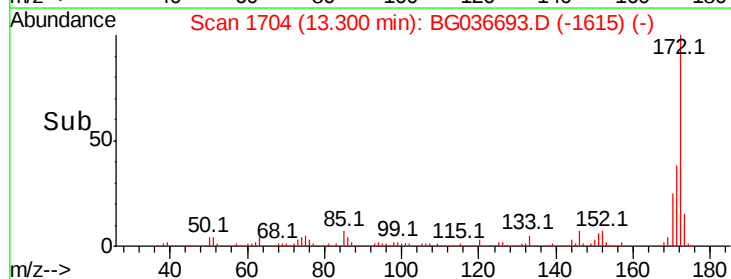
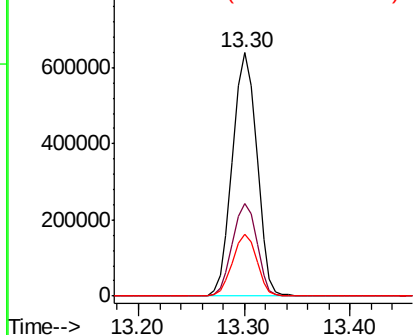


#44
 2-Fluorobiphenyl
 Concen: 94.443 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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





#49

Dimethylphthalate

Concen: 12.034 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-B

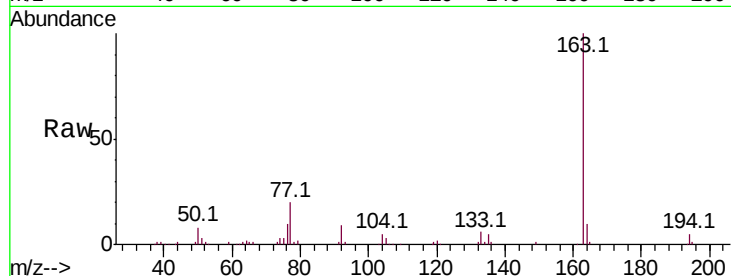
Tot Ion:163 Resp: 152281

Ion Ratio Lower Upper

163 100

194 5.4 4.0 6.0

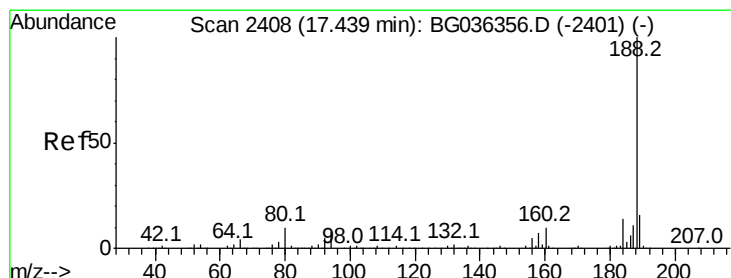
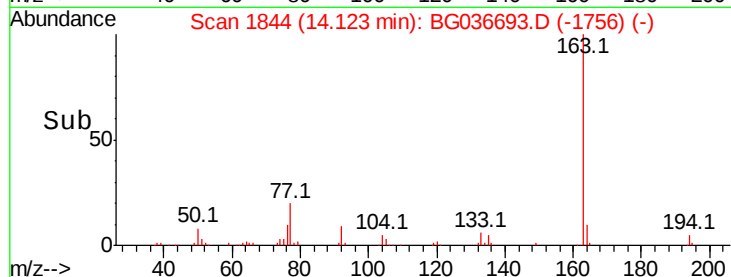
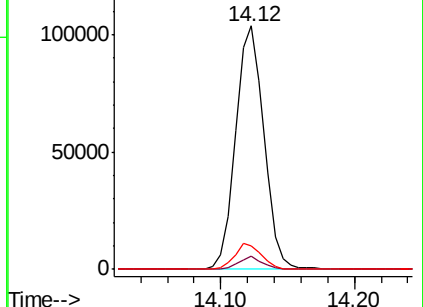
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

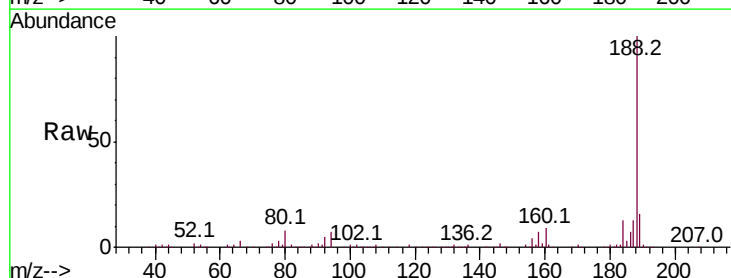
Tgt Ion:188 Resp: 388098

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

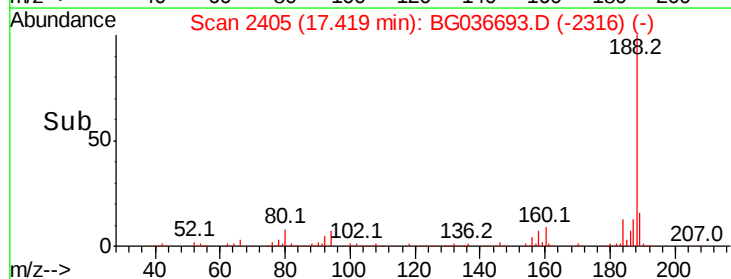
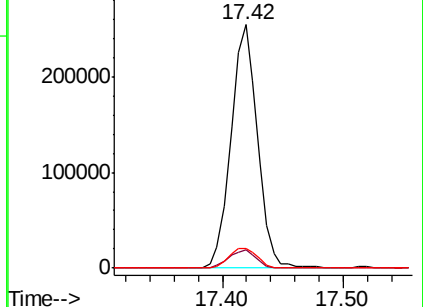
80 8.1 8.1 12.1

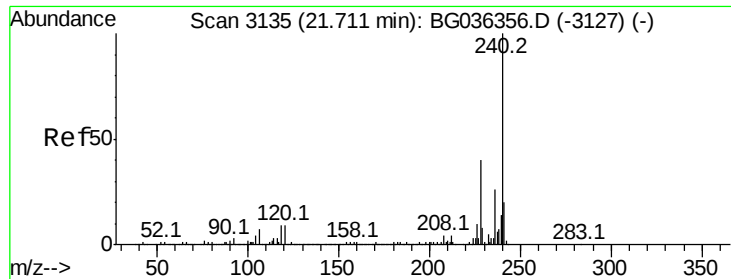


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3130

Delta R.T. -0.02 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-B

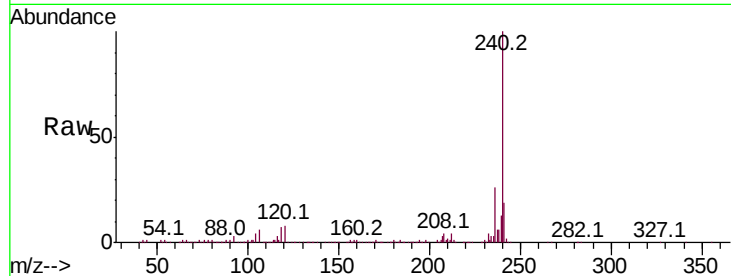
Tot Ion:240 Resp: 395634

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

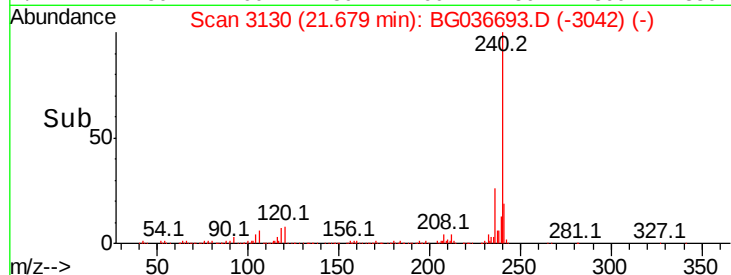
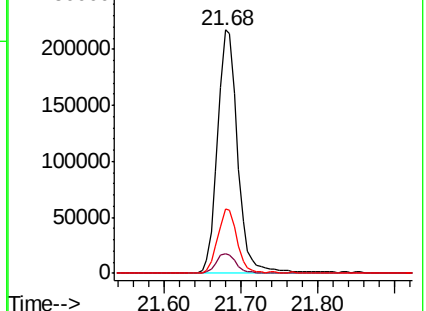
236 26.3 21.2 31.8



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: 101.504 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

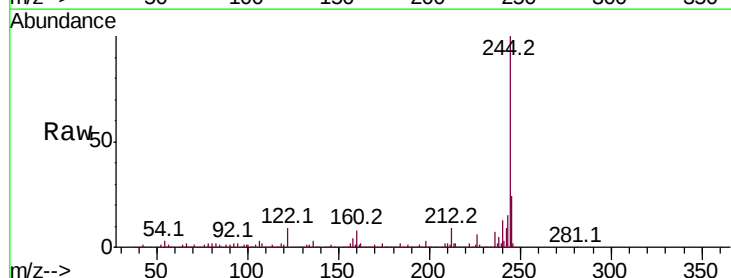
Tgt Ion:244 Resp: 1718127

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

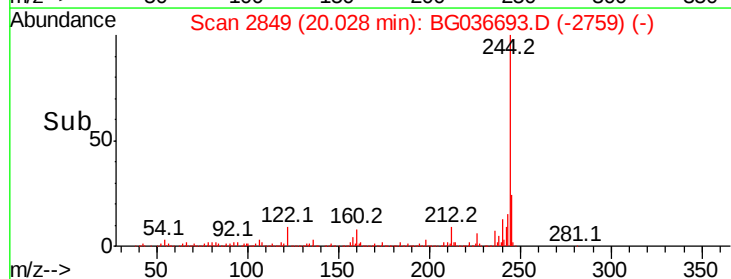
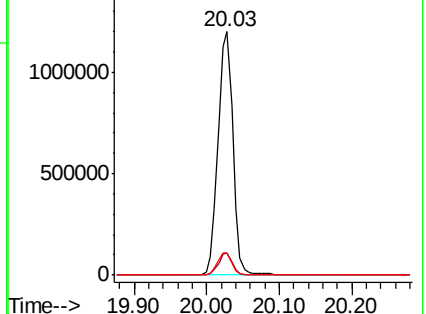
122 9.3 7.1 10.7

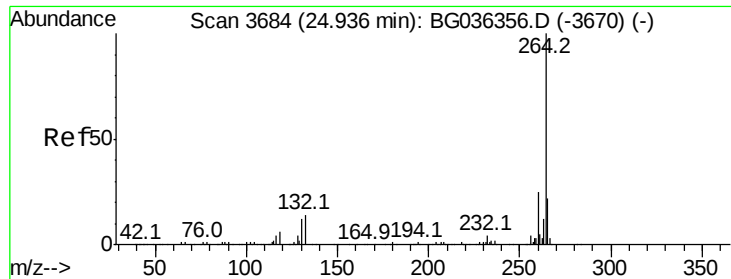


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.7	17.4	26.0

