

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036795.D
 Acq On : 18 Sep 2018 21:06
 Operator : JU/SJ
 Sample : J4922-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Quant Time: Sep 19 07:09:45 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

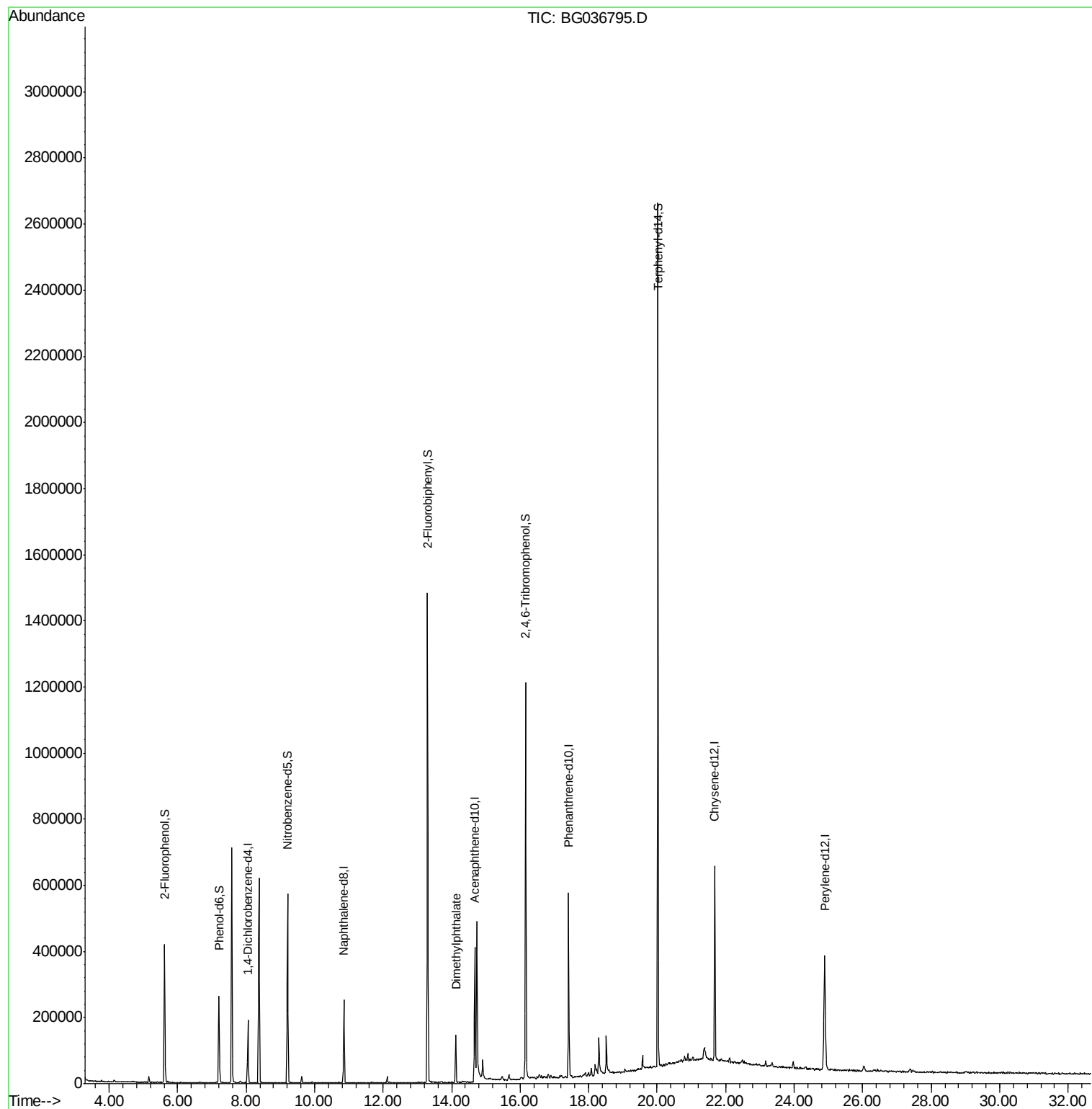
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52931	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	216981	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	141239	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	352895	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	358475	20.00	ng	-0.01
86) Perylene-d12	24.89	264	376370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	173938	52.13	ng	0.00
7) Phenol-d6	7.20	99	151334	31.68	ng	-0.01
23) Nitrobenzene-d5	9.21	82	341547	85.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	219779	130.41	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	759833	76.81	ng	-0.01
78) Terphenyl-d14	20.02	244	1221019	79.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	93897	8.142	ng	Qvalue 100

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

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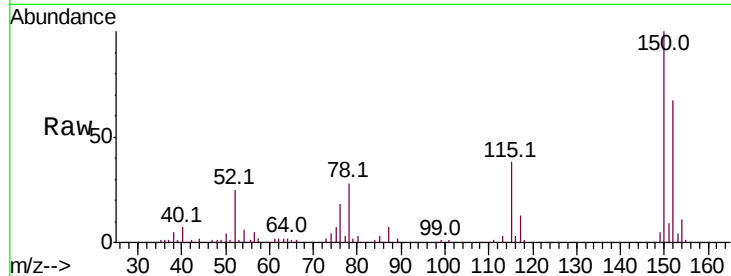


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
PZ-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	56.5	44.5	66.7

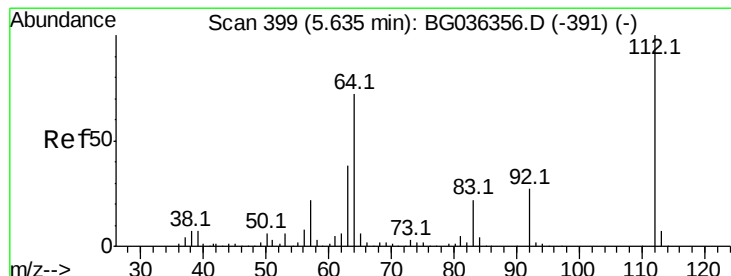
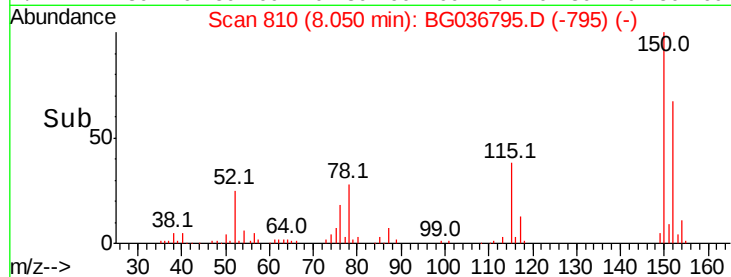
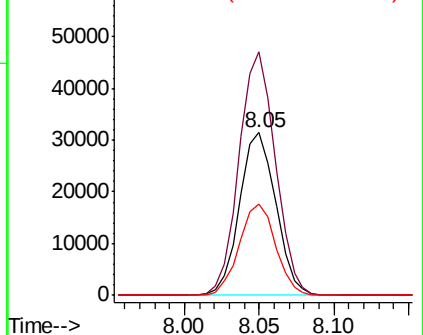


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

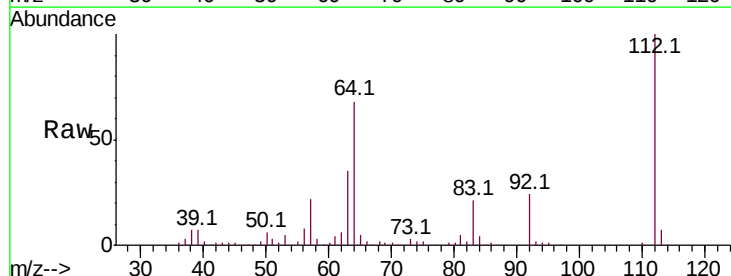
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.128 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	35.2	30.8	46.2

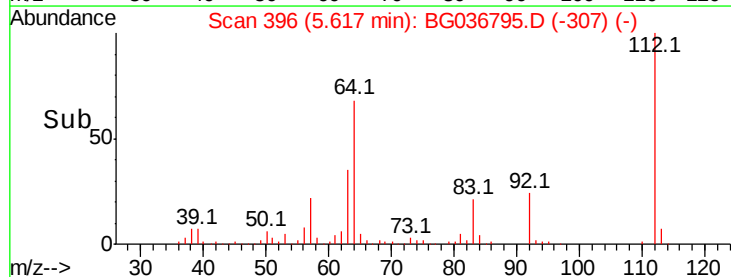
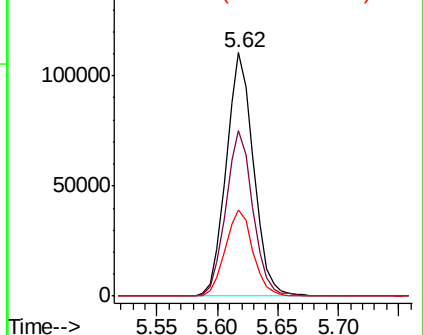


Abundance

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: 31.677 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampleId :

PZ-3

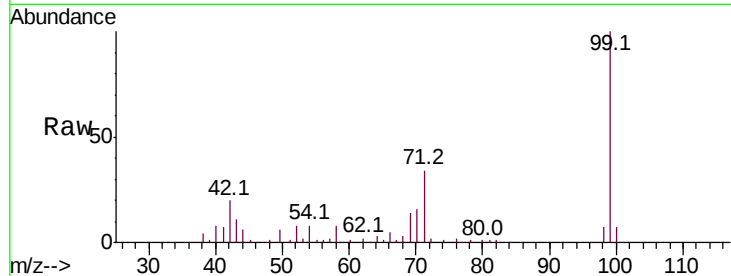
Tot Ion: 99 Resp: 151334

Ion Ratio Lower Upper

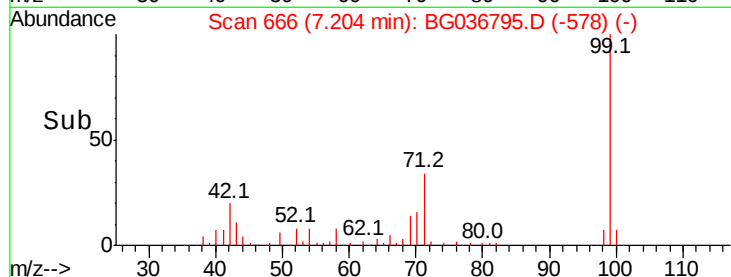
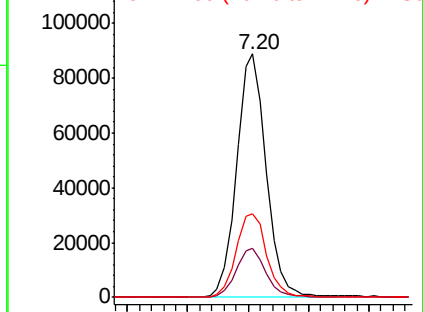
99 100

42 20.0 16.5 24.7

71 34.3 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Tgt Ion: 136 Resp: 216981

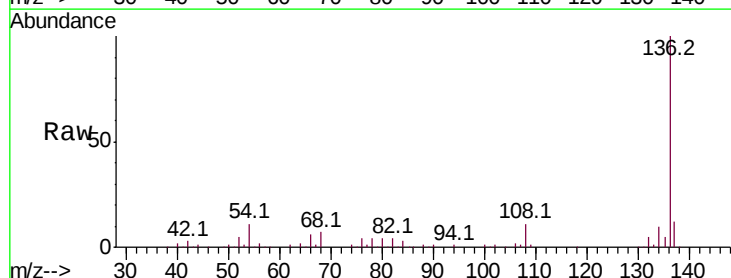
Ion Ratio Lower Upper

136 100

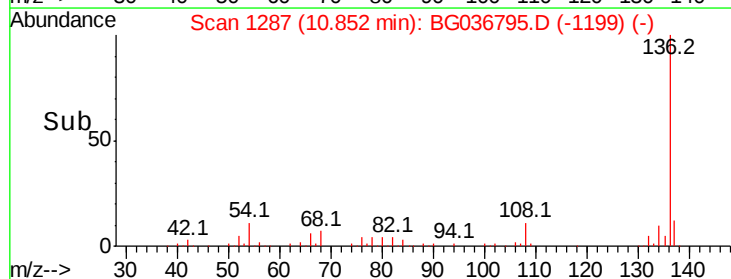
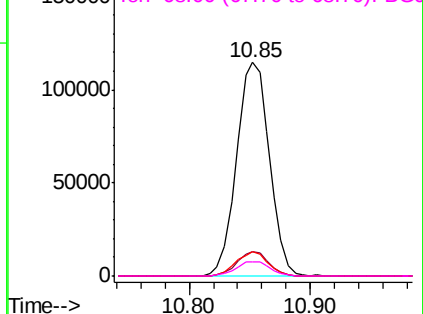
137 11.5 8.8 13.2

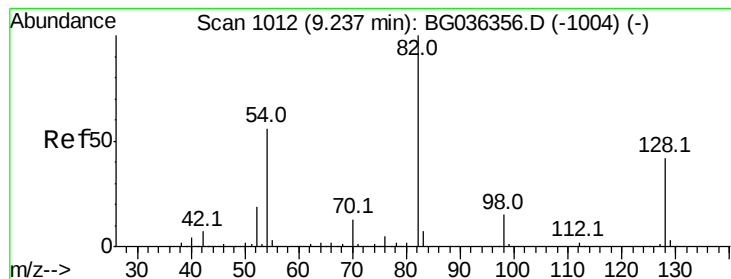
54 11.2 9.2 13.8

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: 85.405 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampleId :

PZ-3

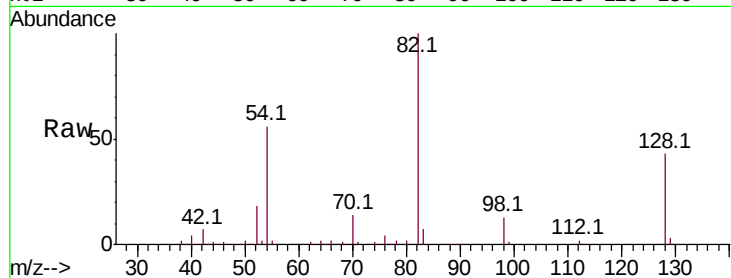
Tot Ion: 82 Resp: 341547

Ion Ratio Lower Upper

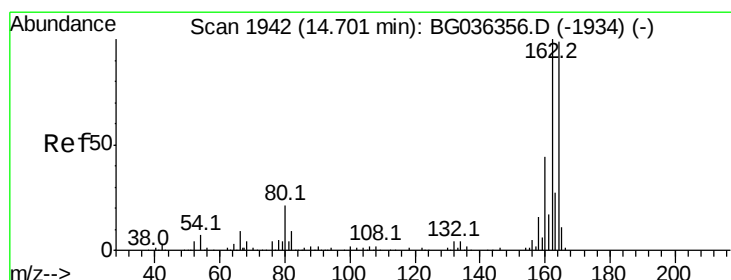
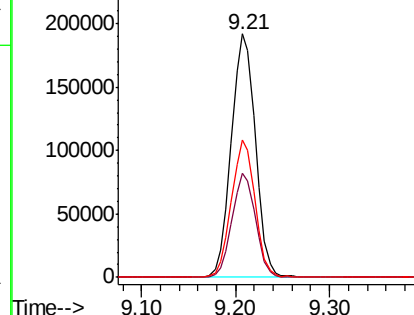
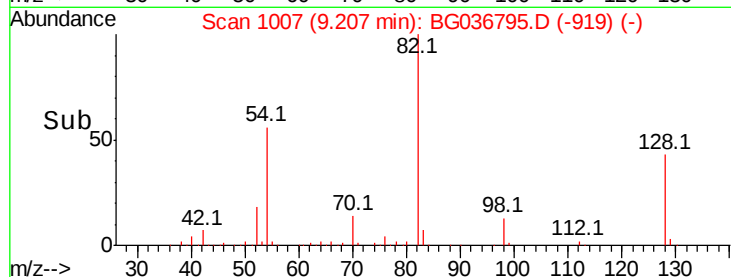
82 100

128 42.7 33.3 49.9

54 56.4 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# 1937

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

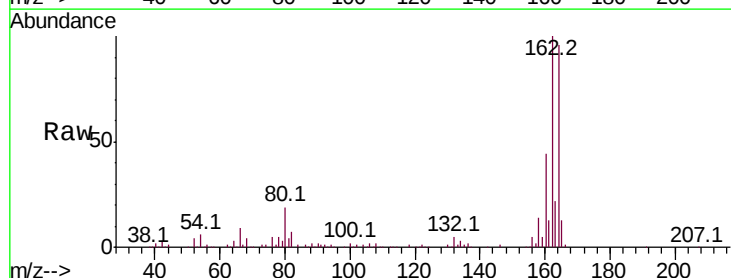
Tgt Ion: 164 Resp: 141239

Ion Ratio Lower Upper

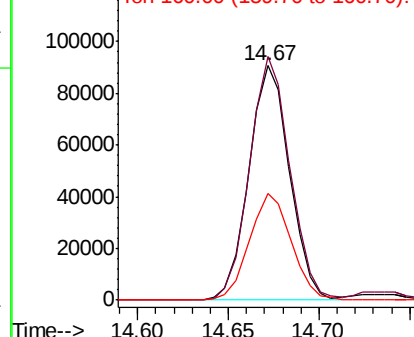
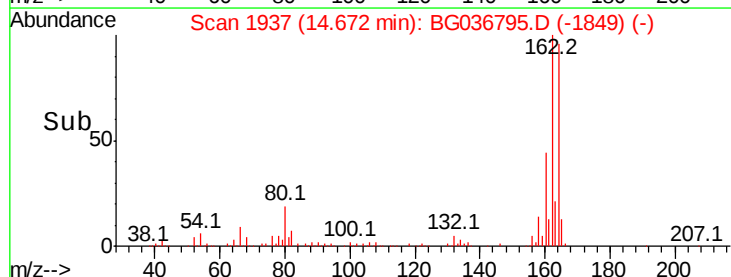
164 100

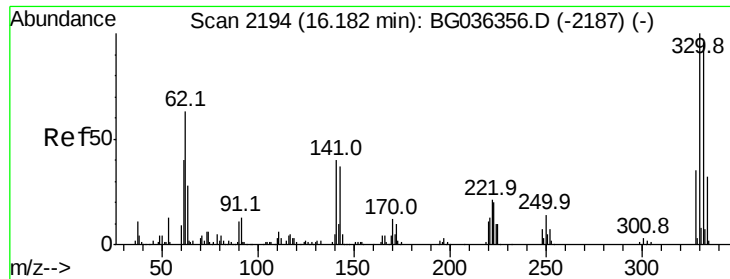
162 103.8 80.7 121.1

160 45.7 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

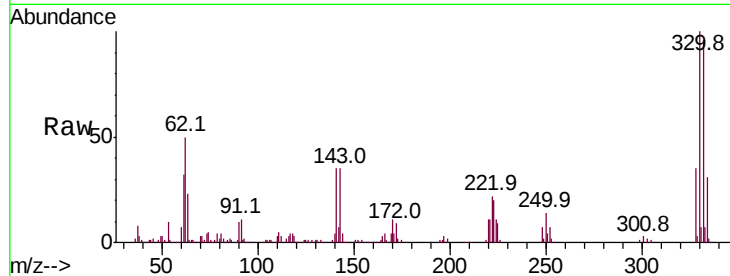




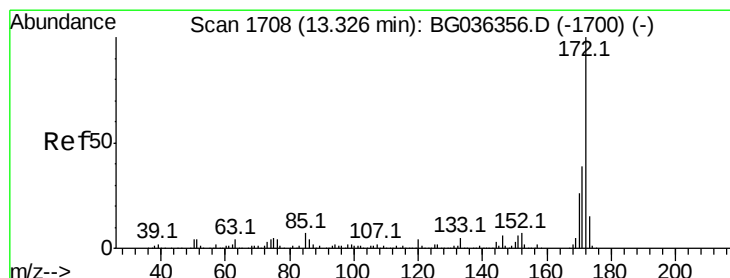
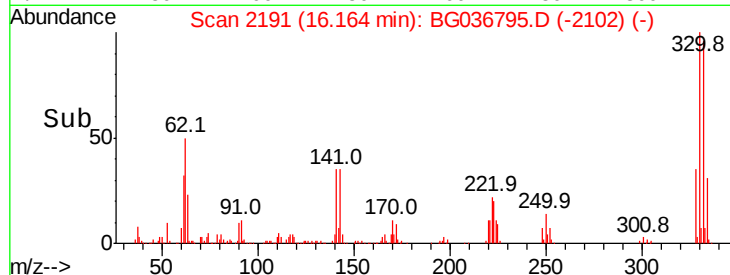
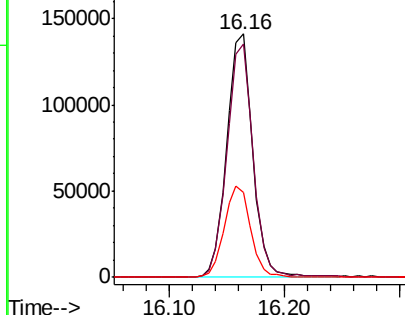
#41
 2,4,6-Tribromophenol
 Concen: 130.410 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Tot Ion:330 Resp: 219779
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 38.0 30.7 46.1

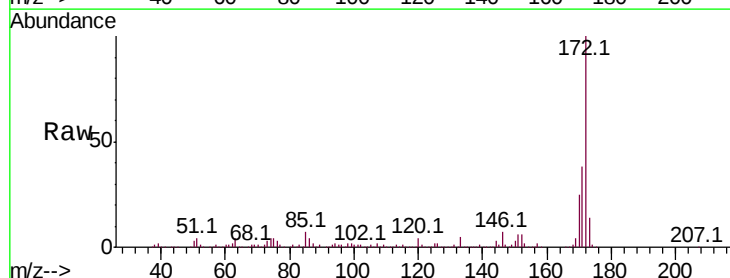


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

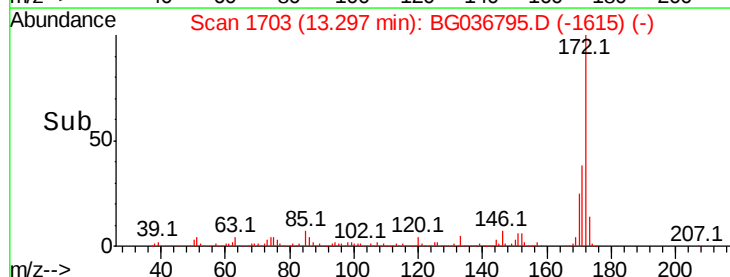
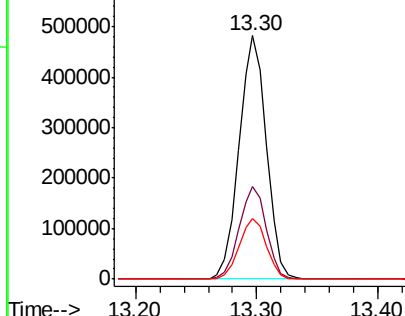


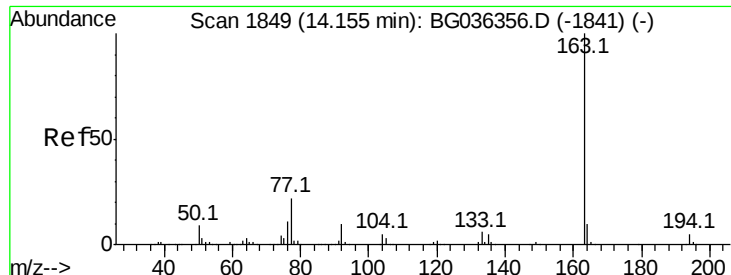
#44
 2-Fluorobiphenyl
 Concen: 76.813 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Tgt Ion:172 Resp: 759833
 Ion Ratio Lower Upper
 172 100
 171 37.9 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





#49

Dimethylphthalate

Concen: 8.142 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampleId :

PZ-3

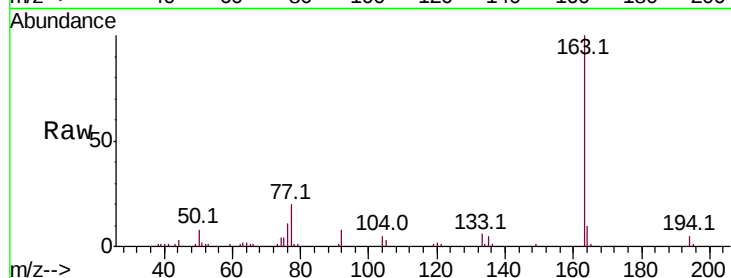
Tot Ion:163 Resp: 93897

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

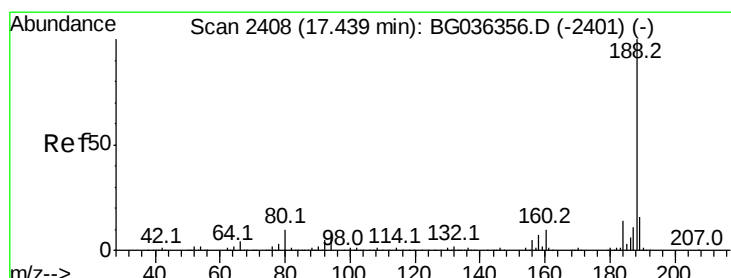
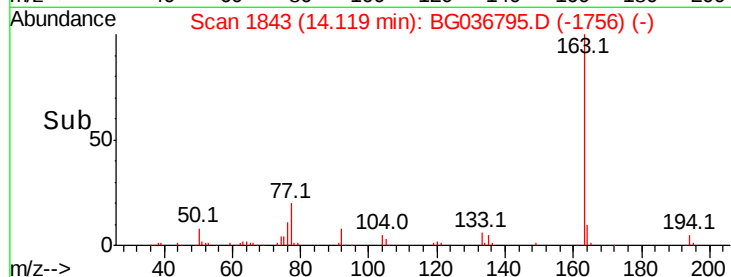
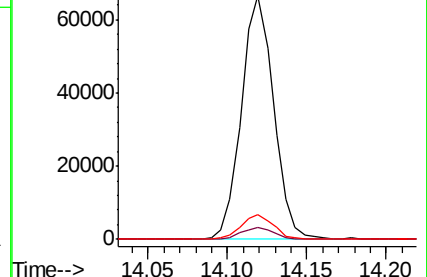
164 10.1 8.1 12.1



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# 2404

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

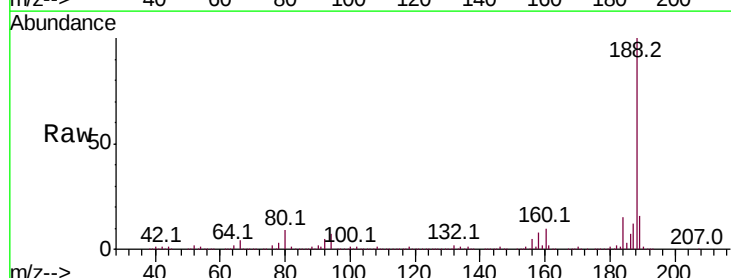
Tgt Ion:188 Resp: 352895

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

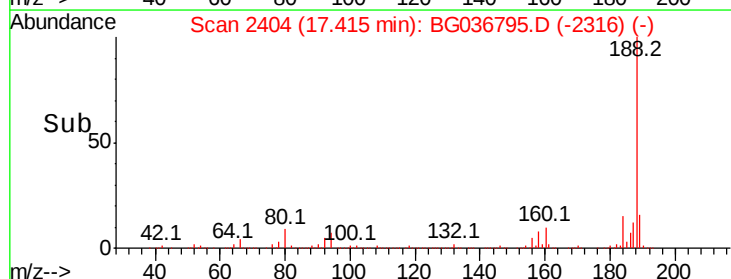
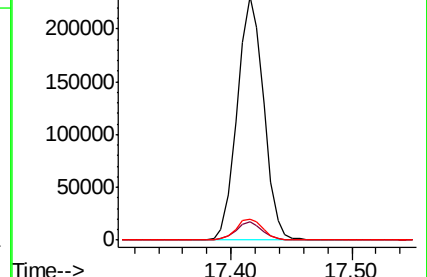
80 8.7 8.1 12.1

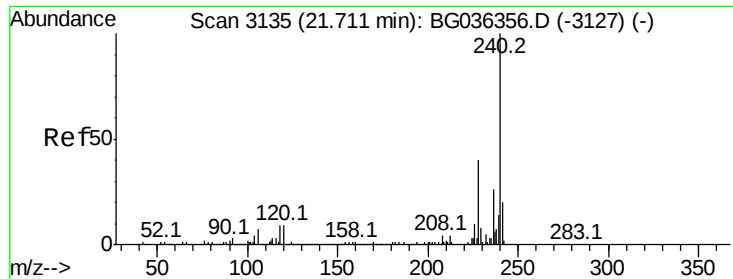


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampled :

PZ-3

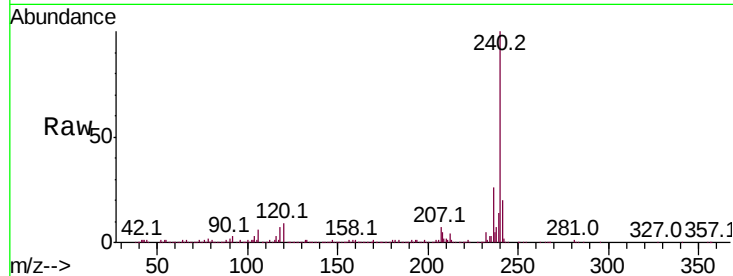
Tot Ion:240 Resp: 358475

Ion Ratio Lower Upper

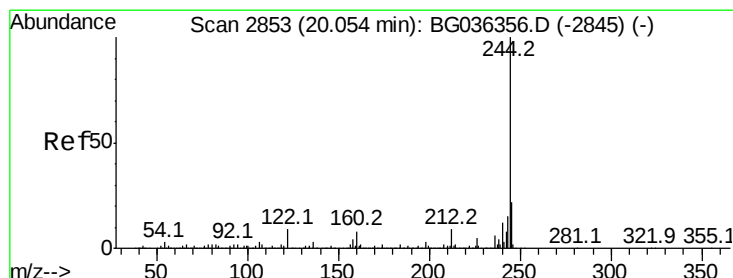
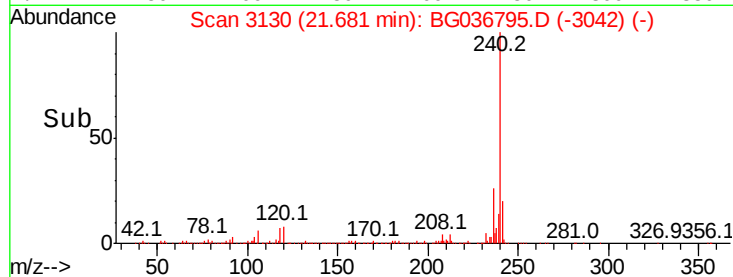
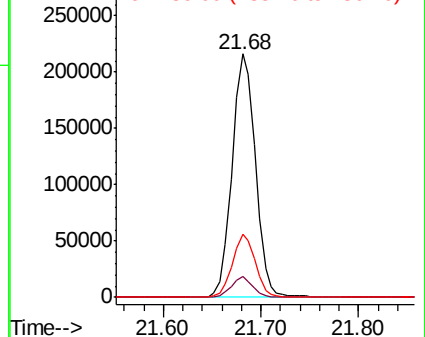
240 100

120 8.6 6.9 10.3

236 26.1 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: 79.613 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

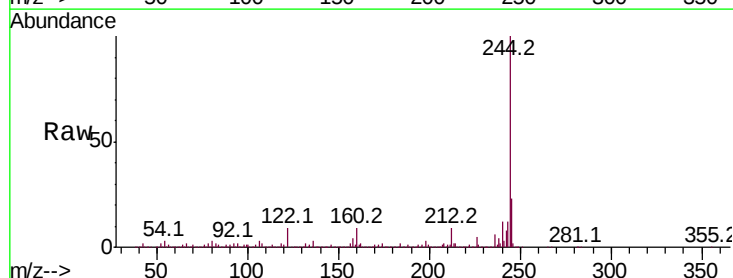
Tgt Ion:244 Resp: 1221019

Ion Ratio Lower Upper

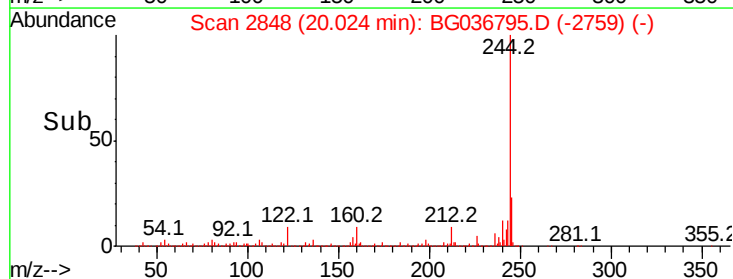
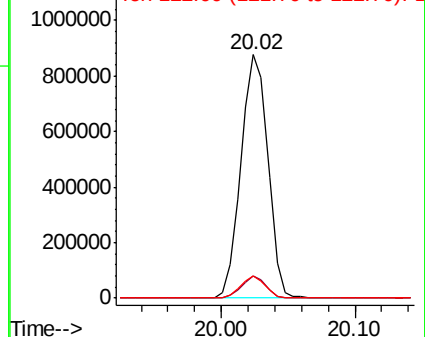
244 100

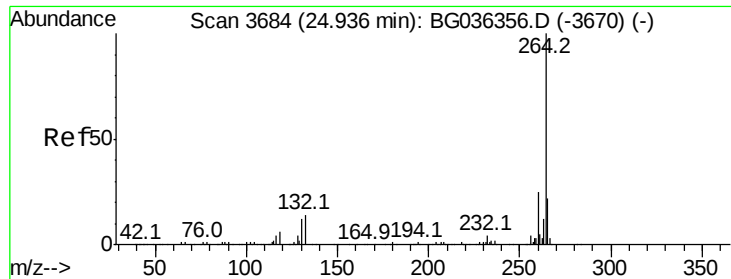
212 8.9 7.0 10.6

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. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	22.3	17.4	26.0

