

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036803.D
 Acq On : 19 Sep 2018 2:19
 Operator : JU/SJ
 Sample : PB112954BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BL

Quant Time: Sep 19 07:30:25 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	52803	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	206843	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	139652	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385091	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	401846	20.00	ng	-0.01
86) Perylene-d12	24.89	264	385059	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	327192	98.29	ng	0.00
7) Phenol-d6	7.21	99	456426	95.77	ng	-0.01
23) Nitrobenzene-d5	9.21	82	279016	73.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	210083	126.07	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	660620	67.54	ng	-0.02
78) Terphenyl-d14	20.03	244	1240360	72.15	ng	0.00

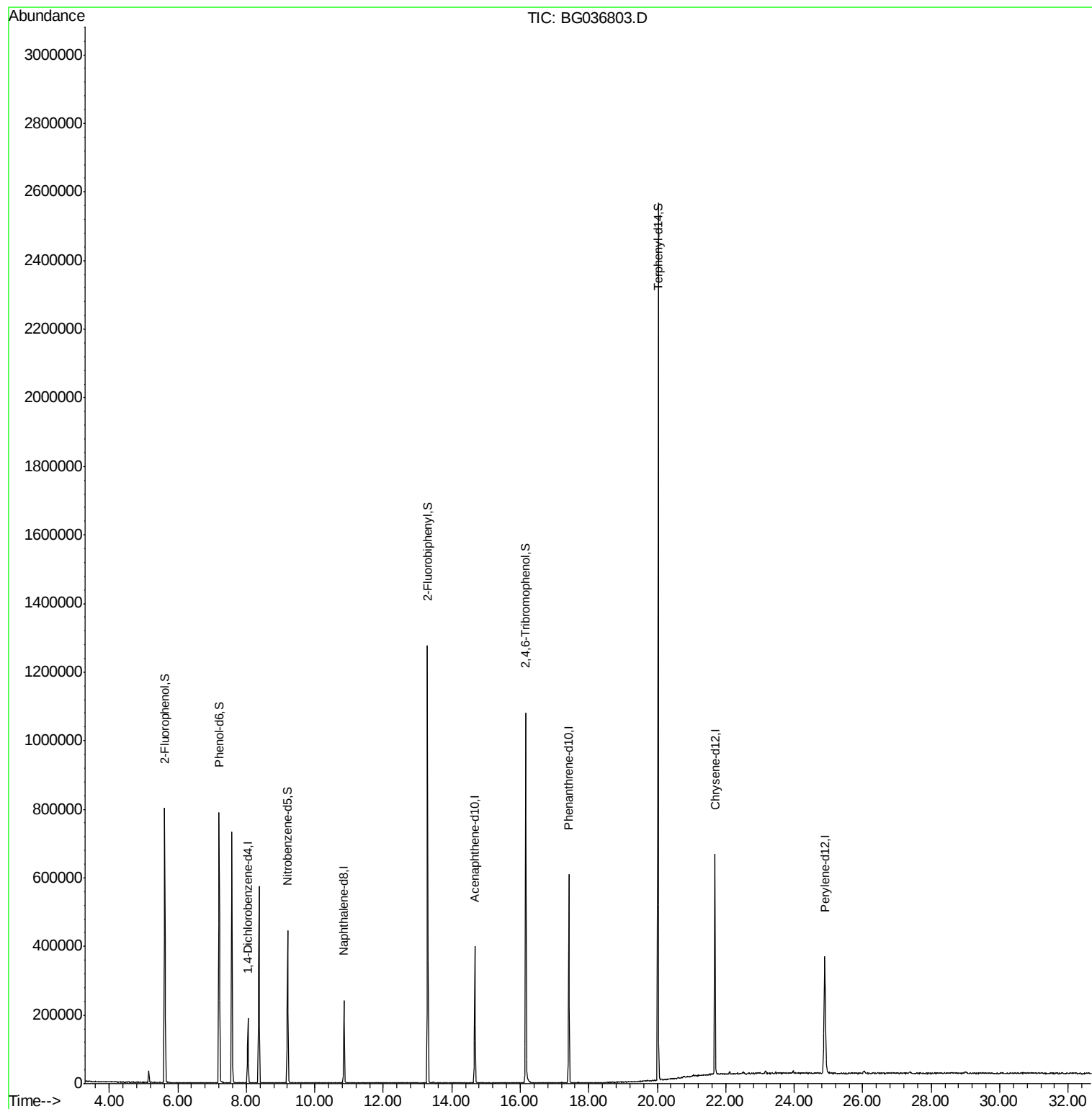
Target Compounds Qvalue

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

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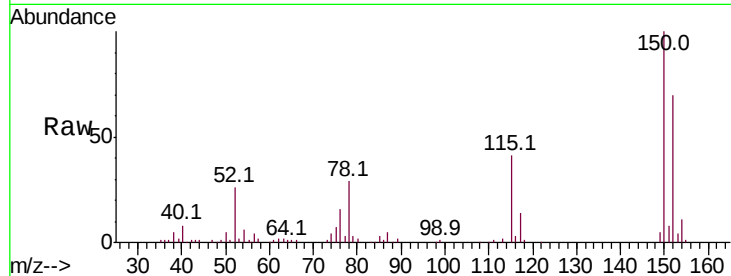


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	119.5	179.3
115	58.8	44.5	66.7

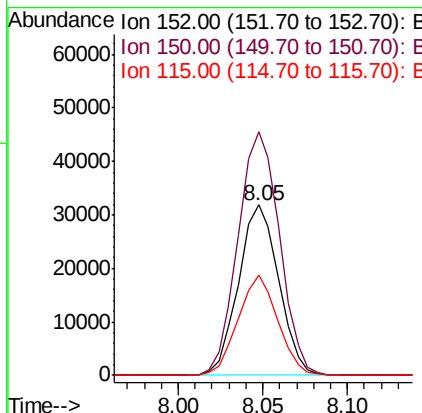
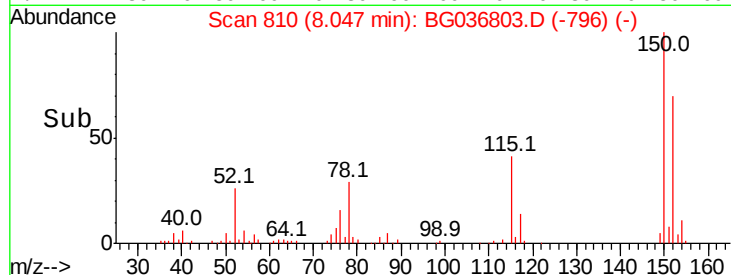


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

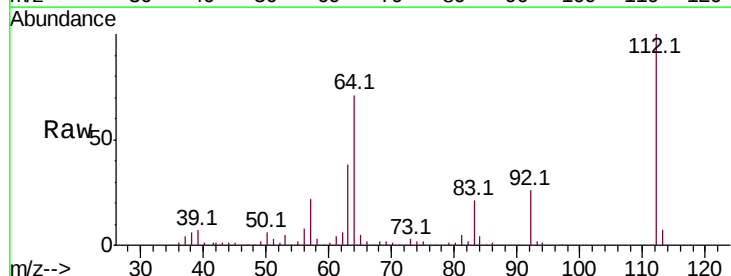
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 98.294 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	38.4	30.8	46.2

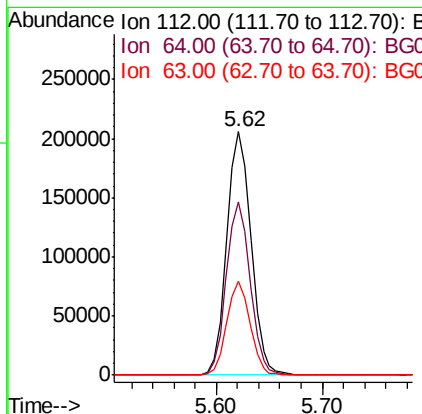
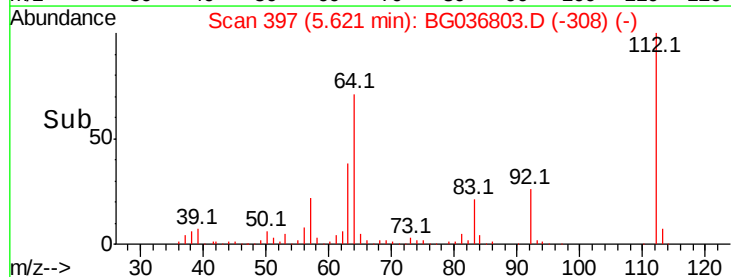


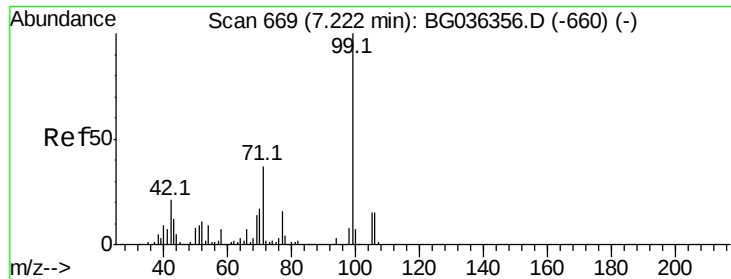
Abundance

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: 95.770 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036803.D

Acq: 19 Sep 2018 2:19

Instrument :

BNA_G

ClientSampleId :

PB112954BL

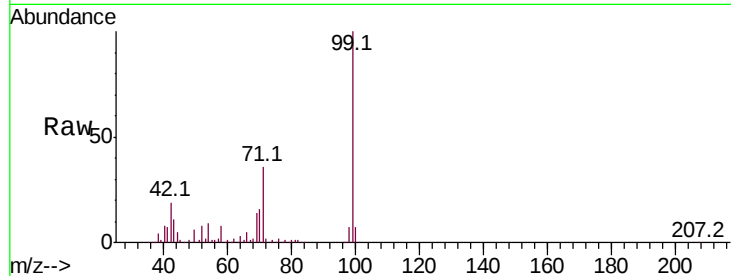
Tot Ion: 99 Resp: 456426

Ion Ratio Lower Upper

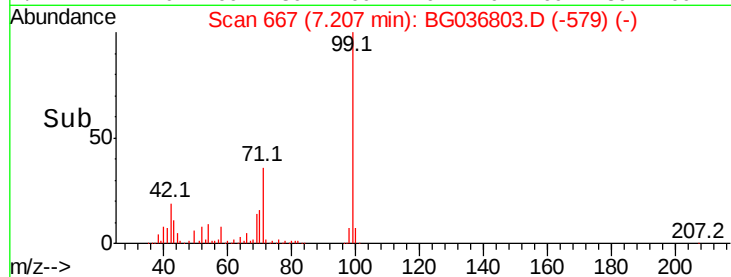
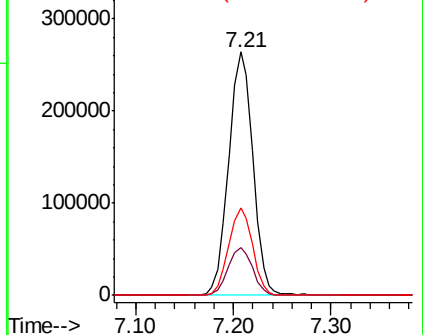
99 100

42 19.5 16.5 24.7

71 35.7 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: BG036803.D

Acq: 19 Sep 2018 2:19

Tgt Ion: 136 Resp: 206843

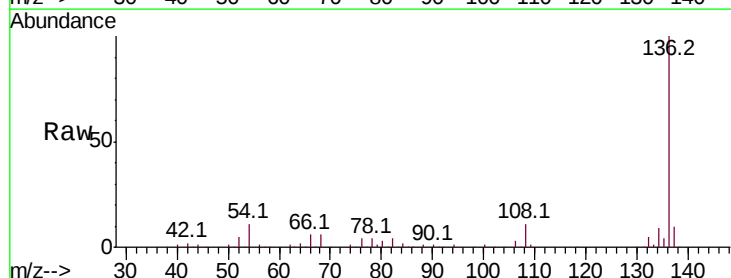
Ion Ratio Lower Upper

136 100

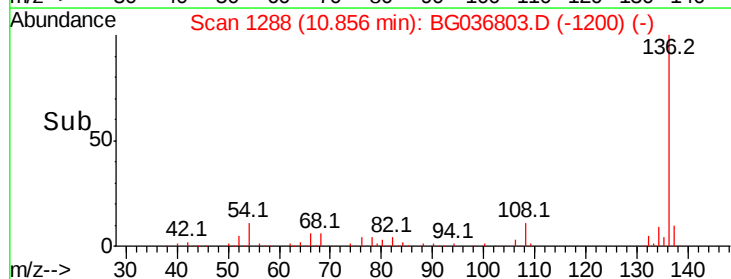
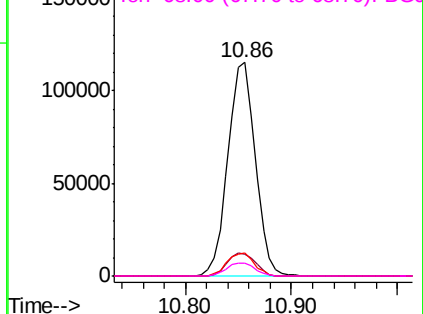
137 10.4 8.8 13.2

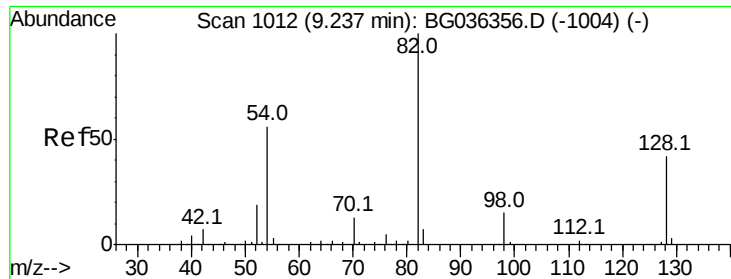
54 10.5 9.2 13.8

68 5.9 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

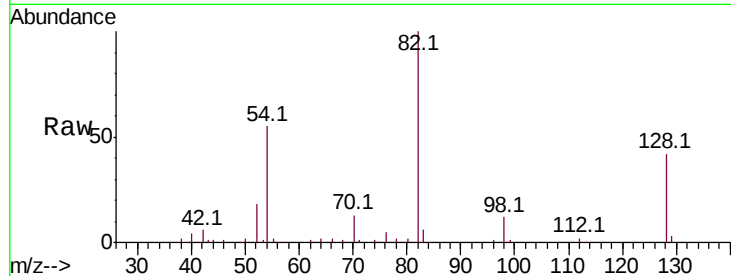




#23
 Nitrobenzene-d5
 Concen: 73.188 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BL

Tot Ion	82	Resp	279016
Ion Ratio	100	Lower	Upper
128	42.4	33.3	49.9
54	54.8	45.1	67.7

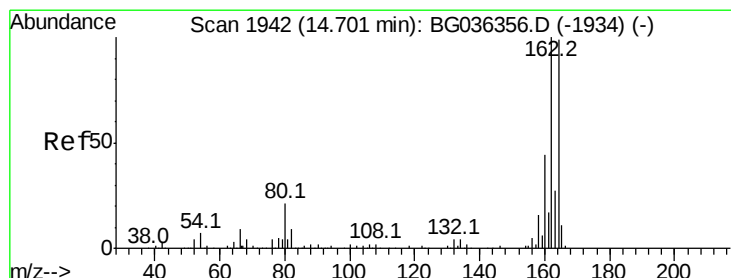
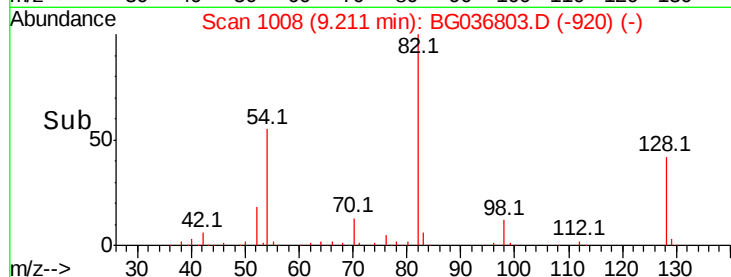
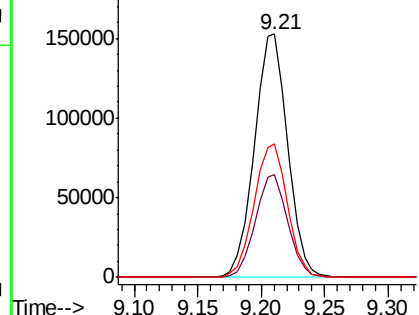


Abundance

Ion 82.00 (81.70 to 82.70): BGC

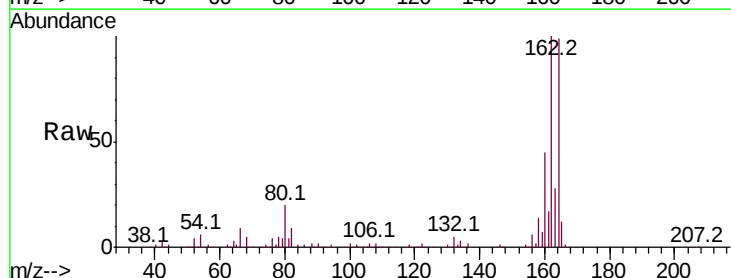
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Tgt Ion	164	Resp	139652
Ion Ratio	100	Lower	Upper
162	100.7	80.7	121.1
160	44.8	35.3	52.9

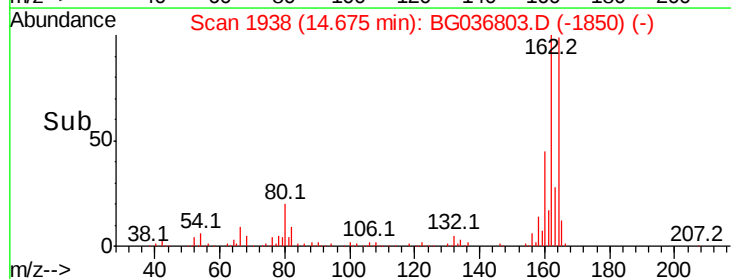
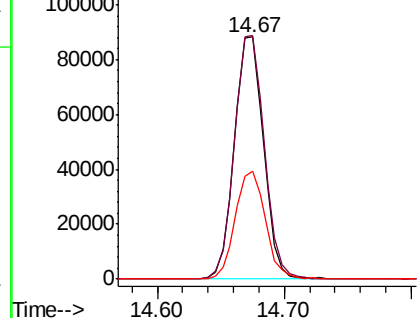


Abundance

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

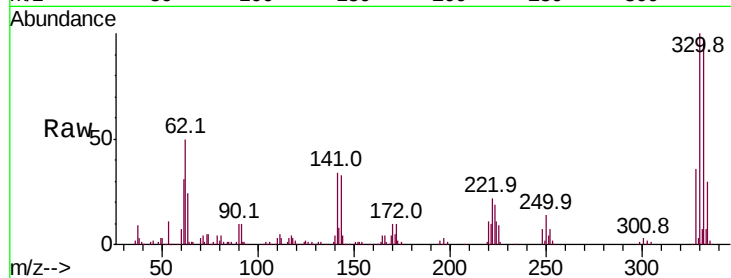




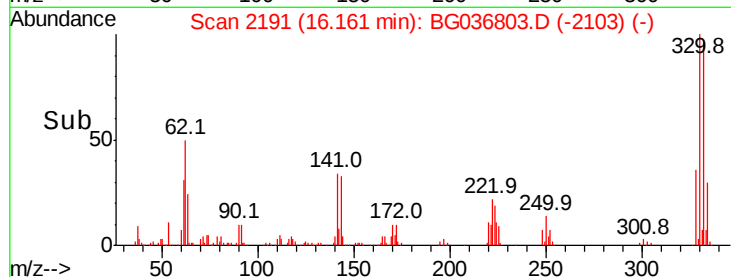
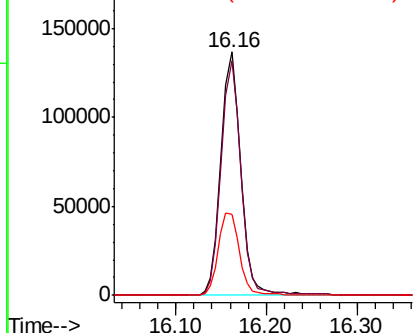
#41
 2,4,6-Tribromophenol
 Concen: 126.073 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BL

Tot Ion:330 Resp: 210083
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 35.8 30.7 46.1

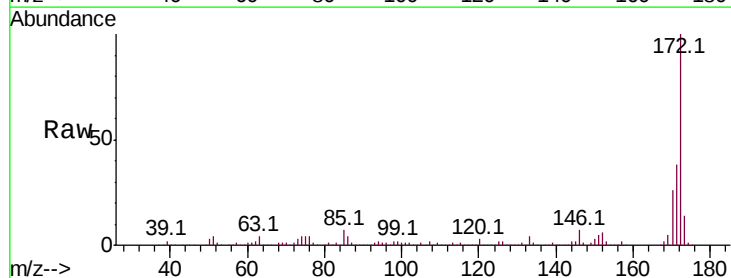


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

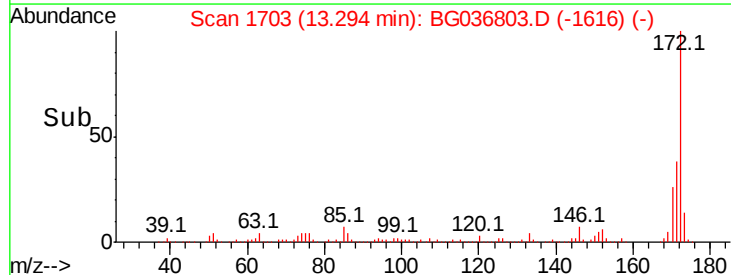
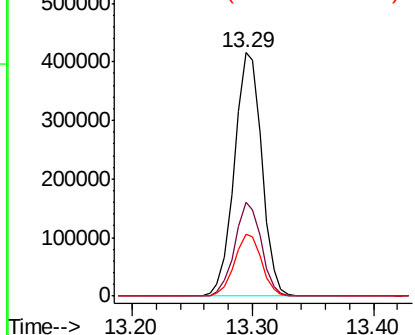


#44
 2-Fluorobiphenyl
 Concen: 67.543 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036803.D
 Acq: 19 Sep 2018 2:19

Tgt Ion:172 Resp: 660620
 Ion Ratio Lower Upper
 172 100
 171 38.3 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

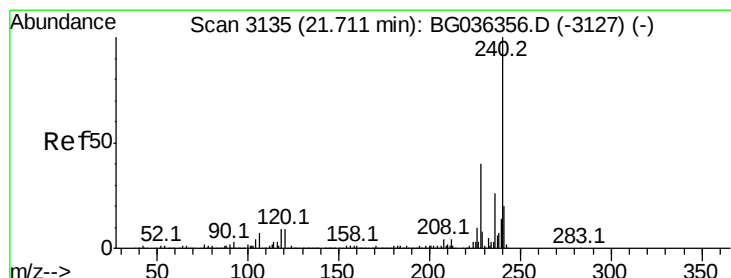
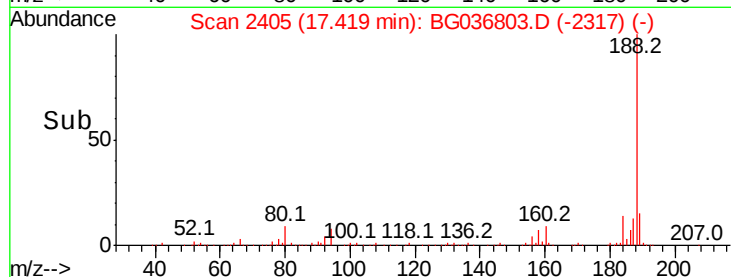
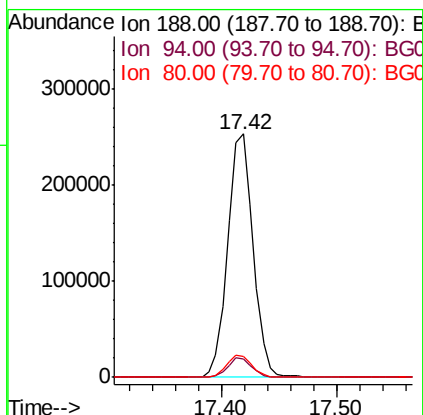
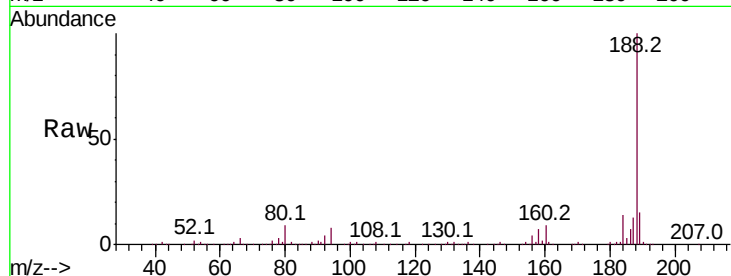




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036803.D
Acq: 19 Sep 2018 2:19

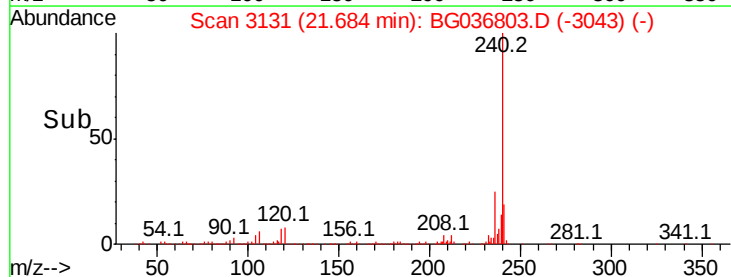
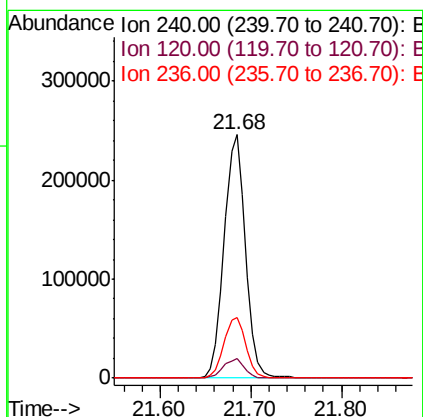
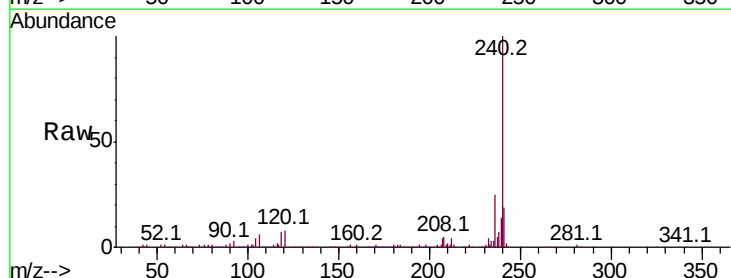
Instrument :
BNA_G
ClientSampleId :
PB112954BL

Tot Ion:188 Resp: 385091
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036803.D
Acq: 19 Sep 2018 2:19

Tgt Ion:240 Resp: 401846
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 24.8 21.2 31.8





#78

Terphenyl-d14

Concen: 72.146 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036803.D

Acq: 19 Sep 2018 2:19

Instrument :

BNA_G

ClientSampleId :

PB112954BL

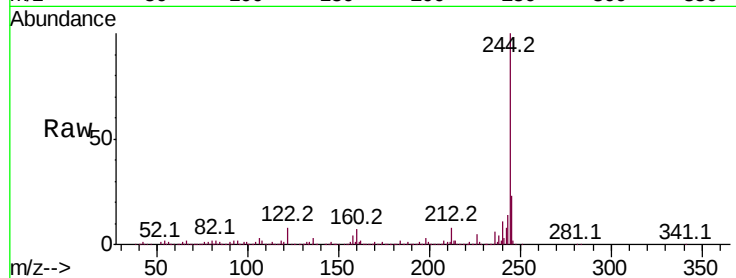
Tot Ion:244 Resp: 1240360

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

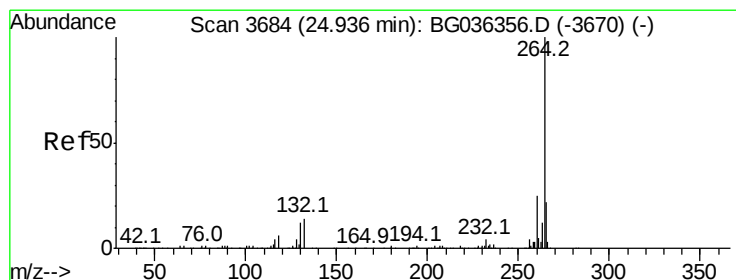
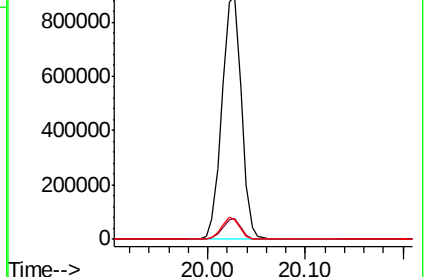
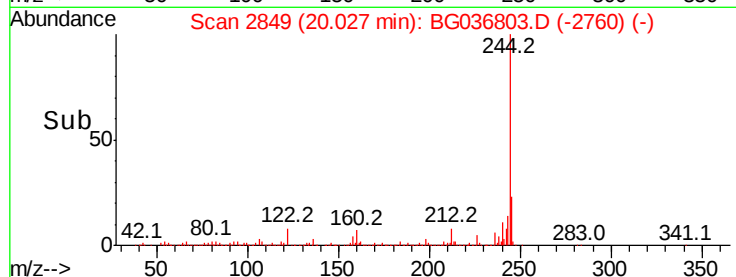
122 8.3 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036803.D

Acq: 19 Sep 2018 2:19

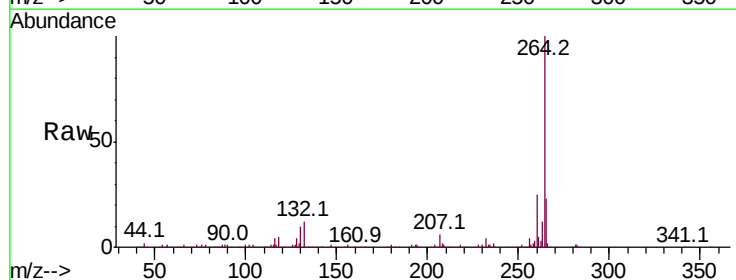
Tgt Ion:264 Resp: 385059

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.9 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

