

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036180.D
 Acq On : 8 Aug 2018 2:55
 Operator : JU/SJ
 Sample : PB111803BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111803BL

Quant Time: Aug 08 04:52:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27737	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	91567	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	67411	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	201168	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	224710	20.00	ng	-0.02
86) Perylene-d12	24.82	264	209484	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	238630	142.84	ng	0.00
7) Phenol-d6	7.18	99	332639	133.45	ng	-0.01
23) Nitrobenzene-d5	9.17	82	223420	101.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	170973	192.42	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	524810	104.30	ng	-0.02
78) Terphenyl-d14	19.99	244	1105767	108.47	ng	-0.01

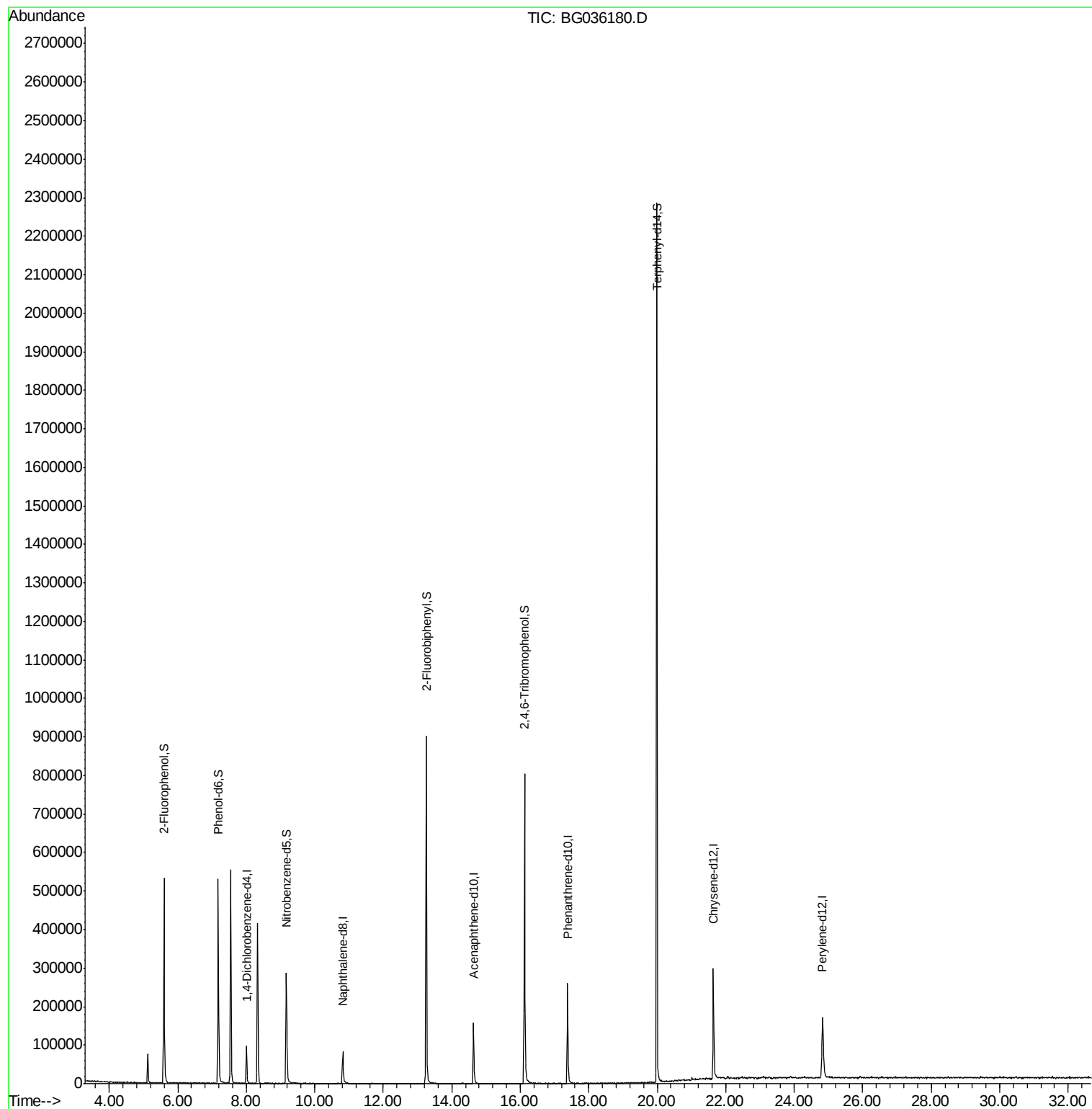
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

Instrument :

BNA_G

ClientSampleId :

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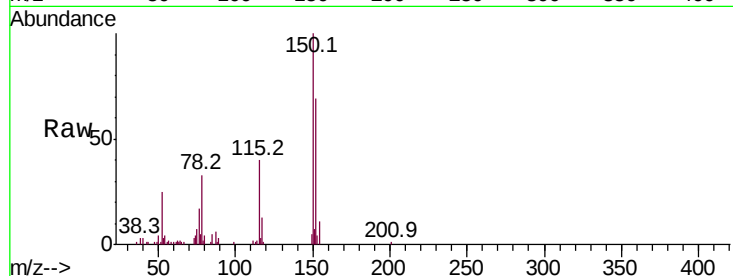
Tot Ion:152 Resp: 27737

Ion Ratio Lower Upper

152 100

150 145.7 126.6 189.8

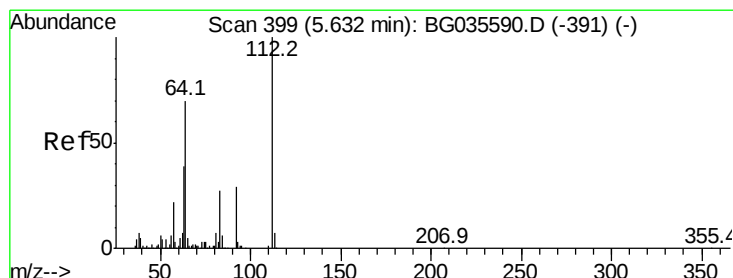
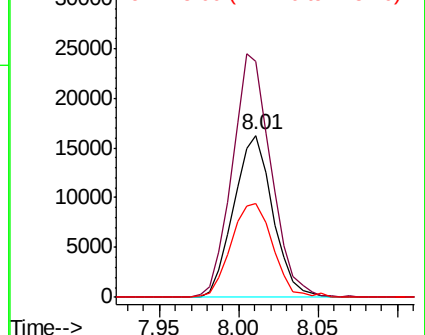
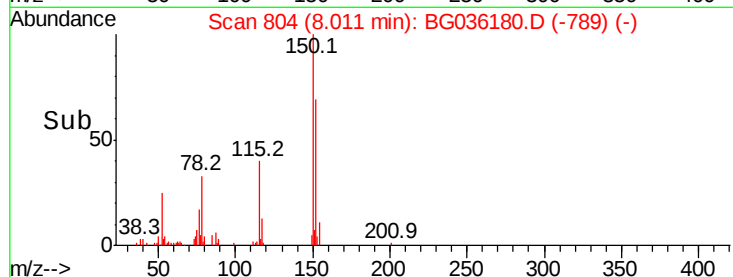
115 58.0 53.0 79.4



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: 142.835 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

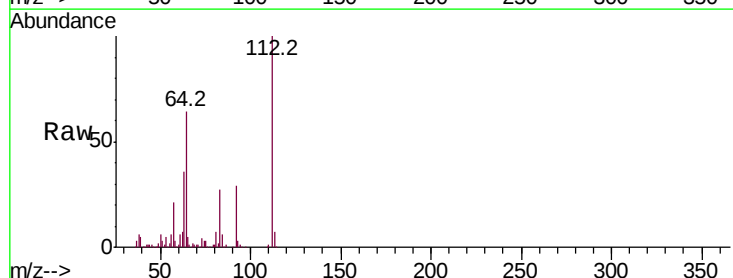
Tgt Ion:112 Resp: 238630

Ion Ratio Lower Upper

112 100

64 64.1 56.3 84.5

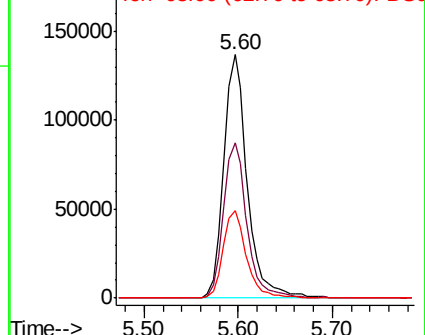
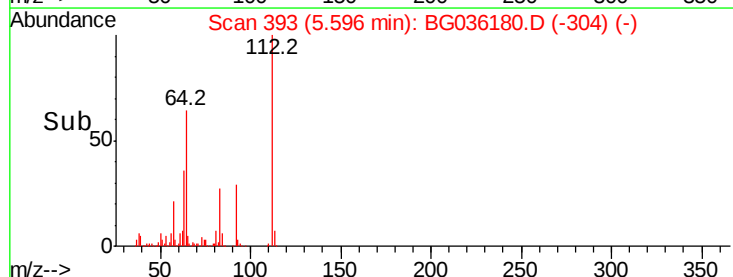
63 35.7 30.1 45.1



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: 133.450 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

Instrument :

BNA_G

ClientSampleId :

PB111803BL

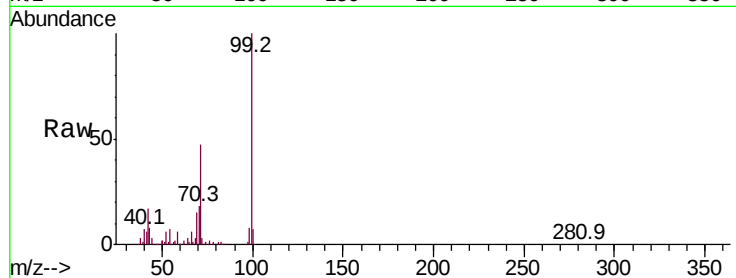
Tot Ion: 99 Resp: 332639

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 47.0 26.1 39.1#

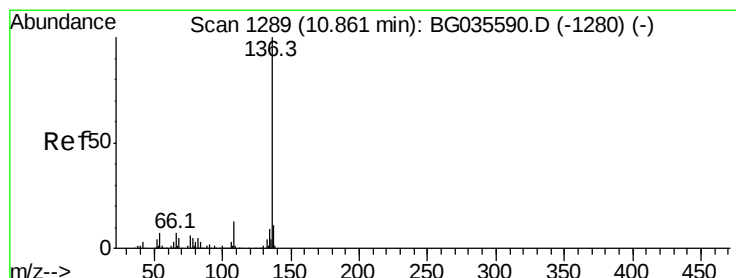
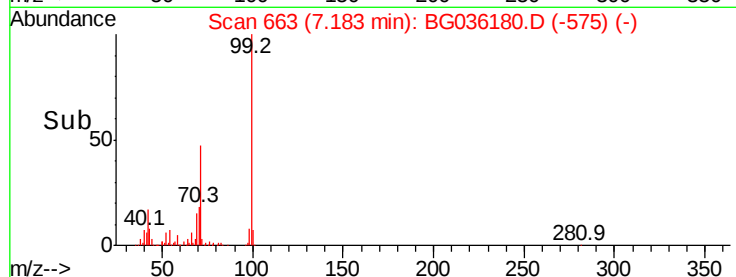
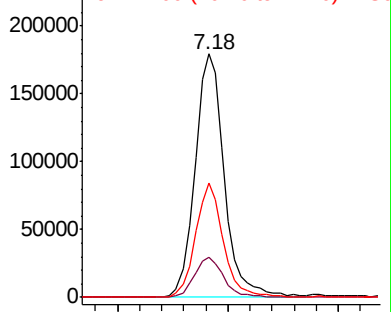


Abundance

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: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

Tgt Ion: 136 Resp: 91567

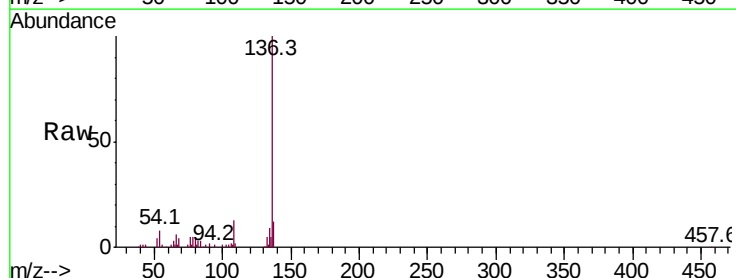
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 7.7 10.3 15.5#

68 4.2 4.5 6.7#



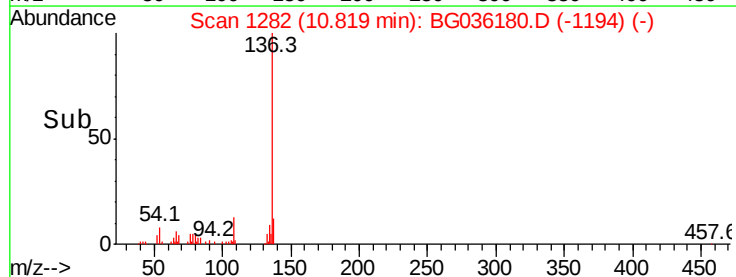
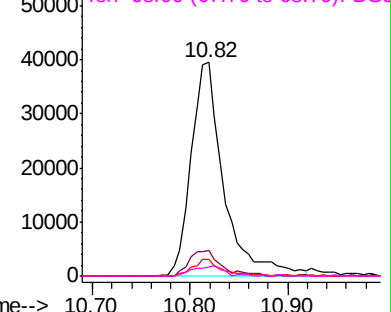
Abundance

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

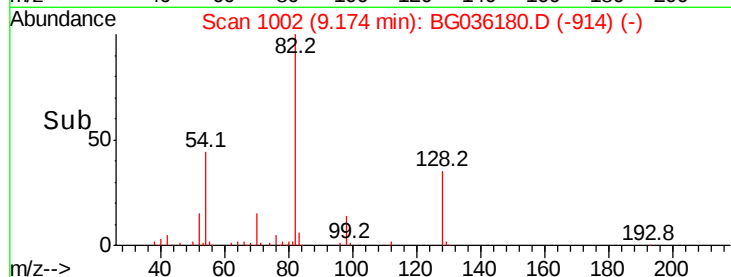
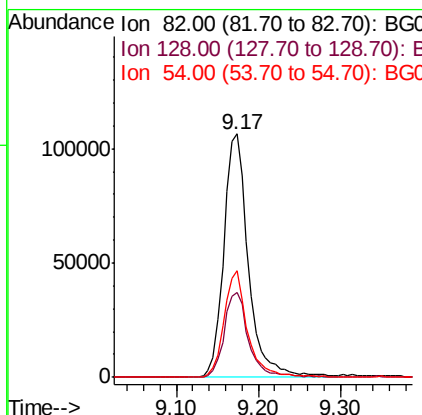
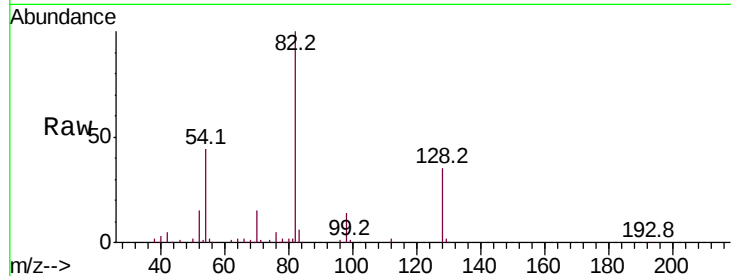




#23
 Nitrobenzene-d5
 Concen: 101.929 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036180.D
 Acq: 8 Aug 2018 2:55

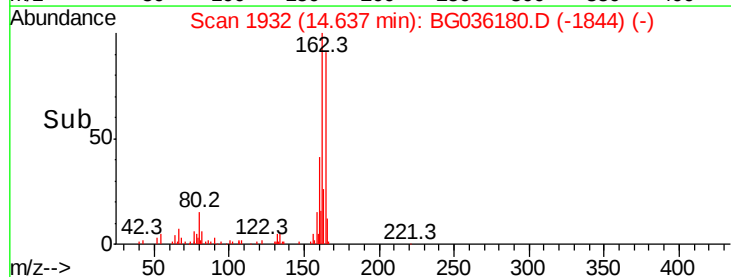
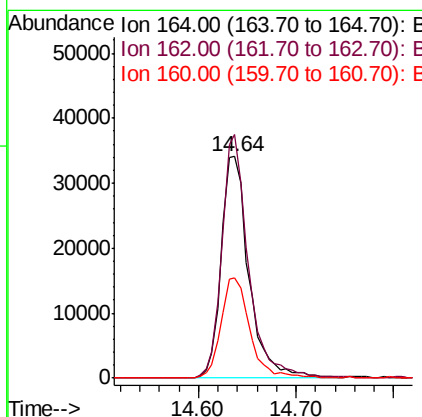
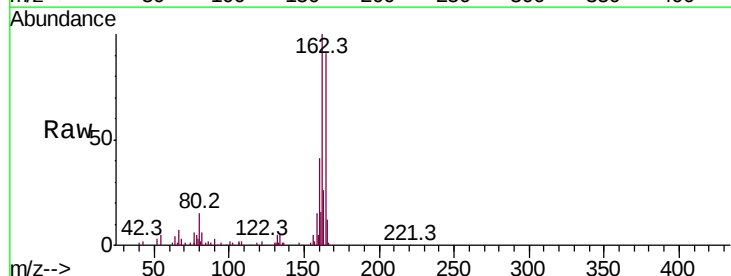
Instrument :
 BNA_G
 ClientSampleId :
 PB111803BL

Tot Ion	82	Resp	223420
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	44.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036180.D
 Acq: 8 Aug 2018 2:55

Tgt Ion	164	Resp	67411
Ion Ratio	Lower	Upper	
164	100		
162	110.0	78.8	118.2
160	45.2	35.4	53.0

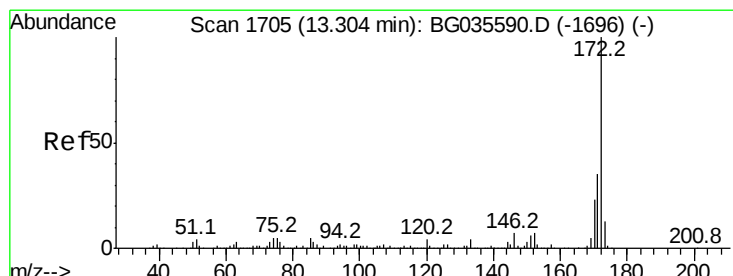
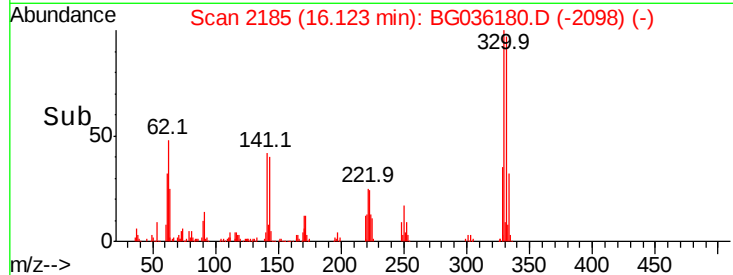
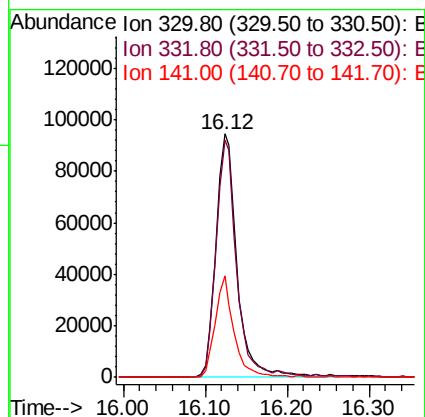
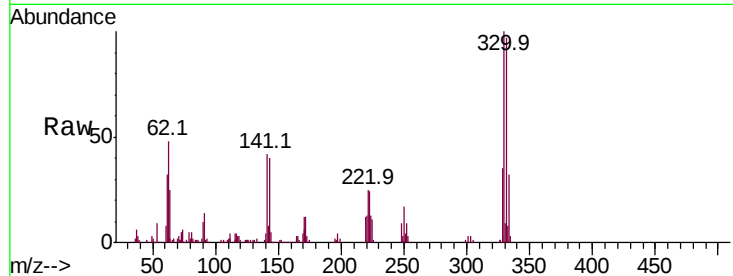




#41
 2,4,6-Tribromophenol
 Concen: 192.424 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036180.D
 Acq: 8 Aug 2018 2:55

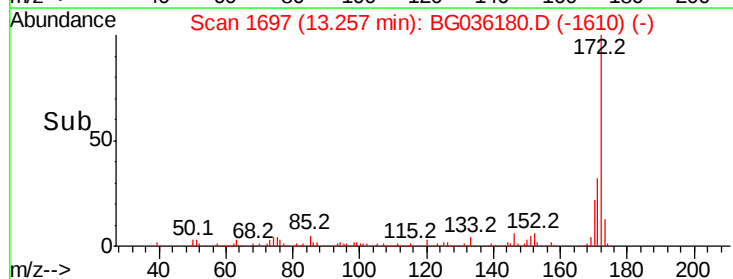
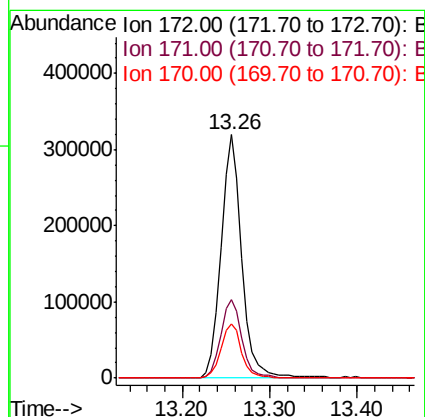
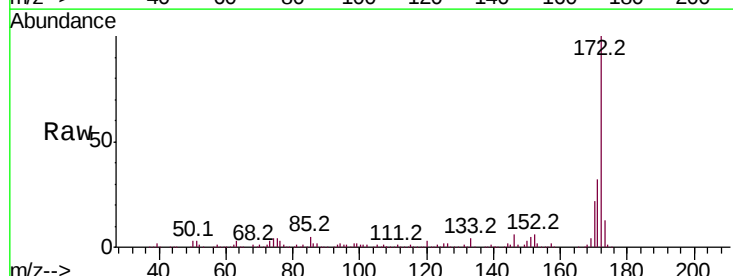
Instrument :
 BNA_G
 ClientSampleId :
 PB111803BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	36.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 104.302 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036180.D
 Acq: 8 Aug 2018 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.2	30.0	45.0
170	22.3	19.5	29.3

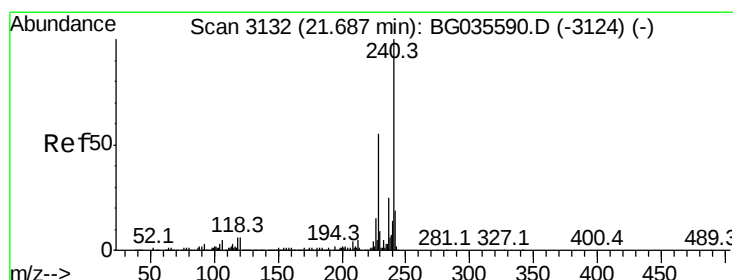
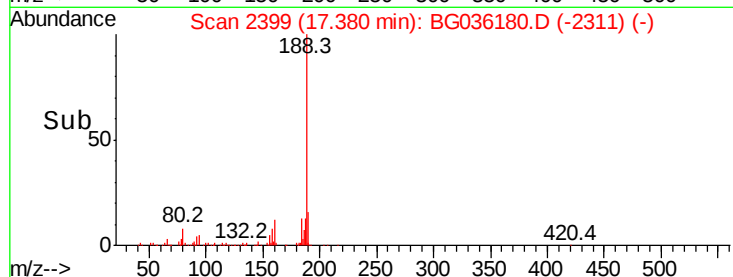
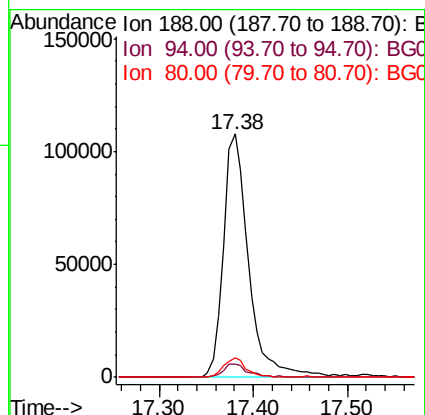
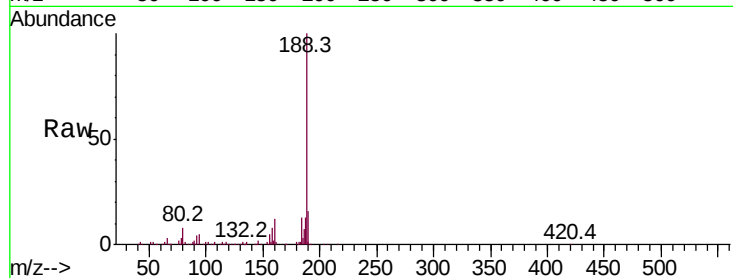




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036180.D
Acq: 8 Aug 2018 2:55

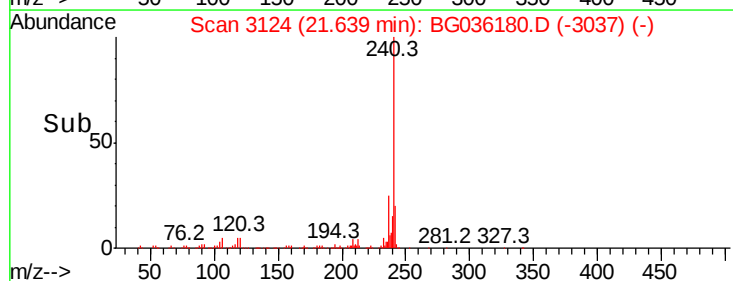
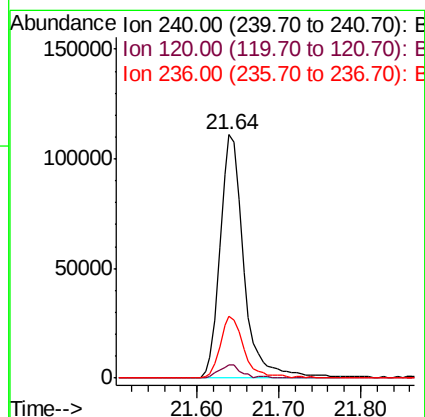
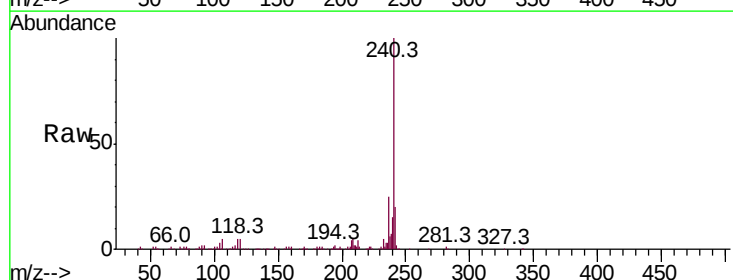
Instrument :
BNA_G
ClientSampleId :
PB111803BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	8.1	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036180.D
Acq: 8 Aug 2018 2:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.3	20.9	31.3





#78

Terphenyl-d14

Concen: 108.471 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

Instrument :

BNA_G

ClientSampleId :

PB111803BL

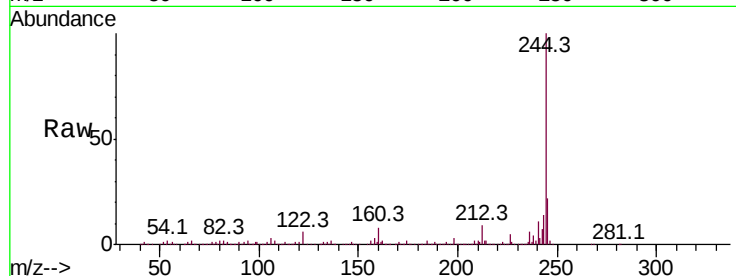
Tot Ion:244 Resp: 1105767

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

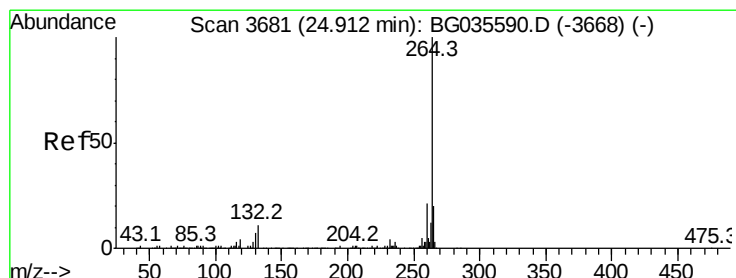
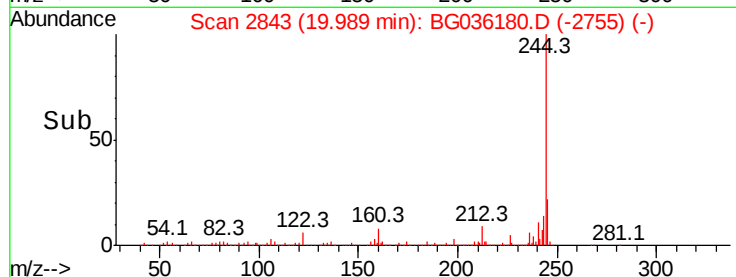
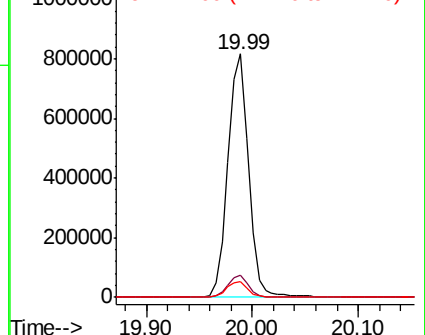
122 6.4 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036180.D

Acq: 8 Aug 2018 2:55

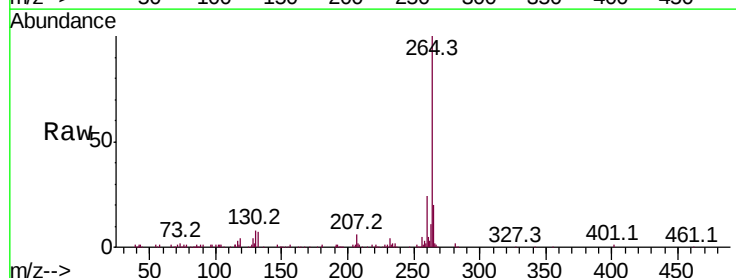
Tgt Ion:264 Resp: 209484

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.3 17.7 26.5



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

