

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036232.D
 Acq On : 9 Aug 2018 14:22
 Operator : JU/SJ
 Sample : PB111883BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BL

Quant Time: Aug 09 15:07:52 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	29633	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	100671	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	74837	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	205361	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	217874	20.00	ng	-0.01
86) Perylene-d12	24.83	264	201972	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	163931	91.84	ng	0.00
7) Phenol-d6	7.18	99	231976	87.11	ng	-0.01
23) Nitrobenzene-d5	9.17	82	231310	95.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	103628	105.06	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	571550	102.32	ng	-0.02
78) Terphenyl-d14	19.99	244	955710	96.69	ng	-0.01

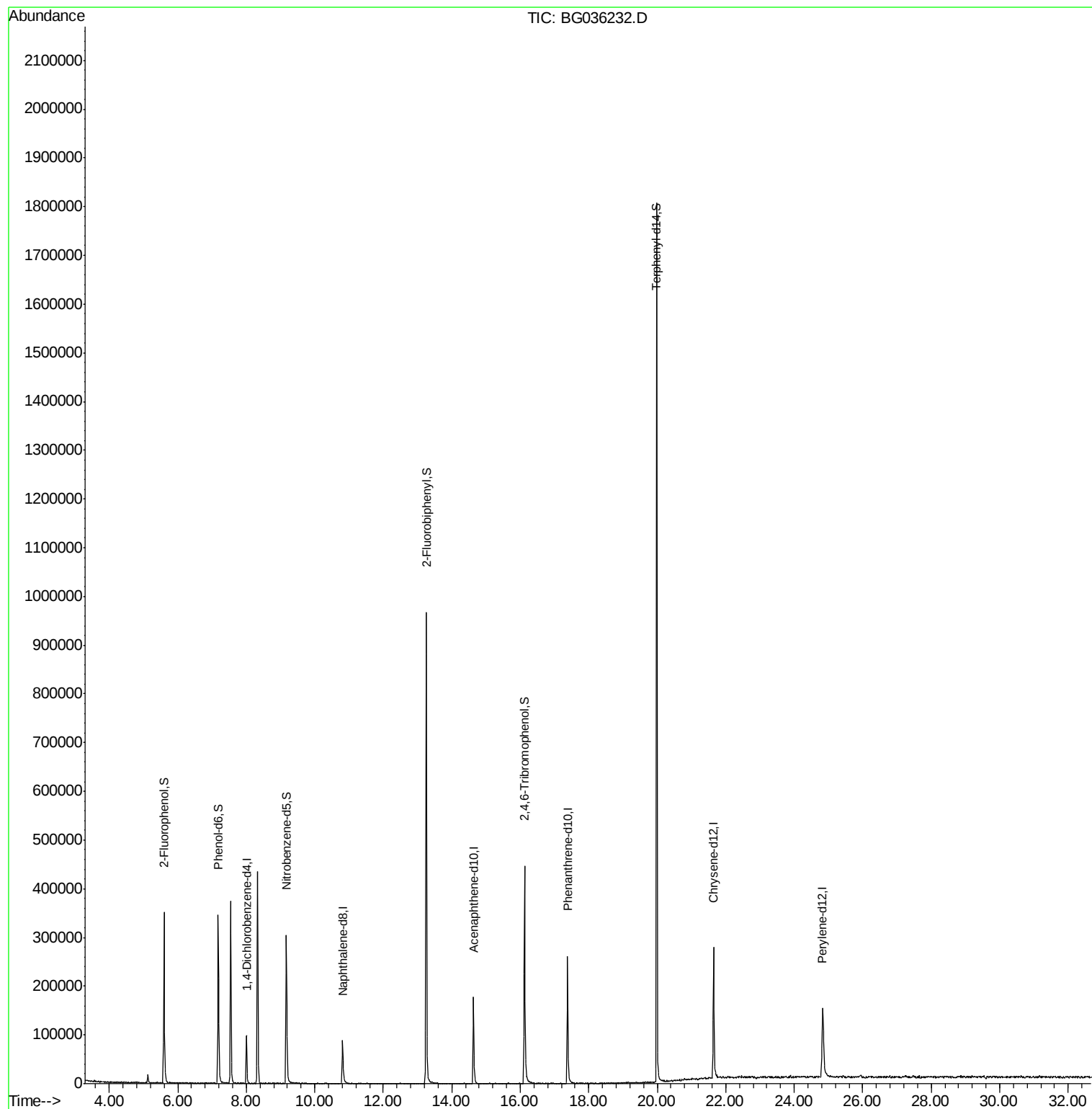
Target Compounds Qvalue

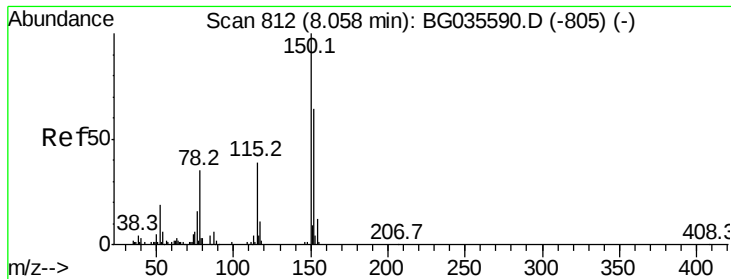
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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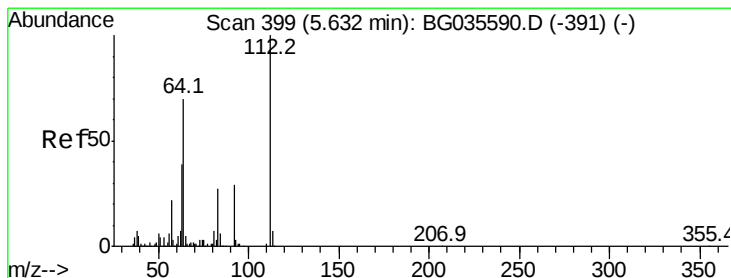
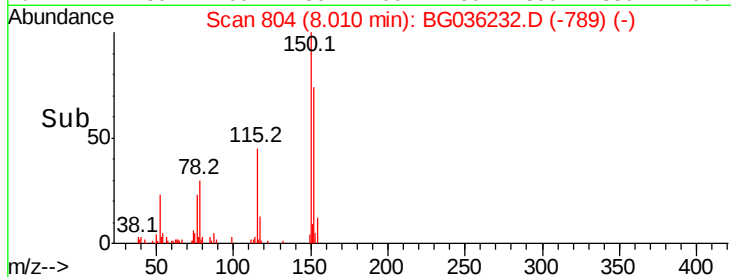
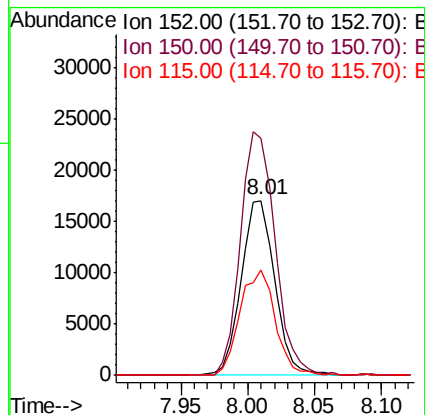
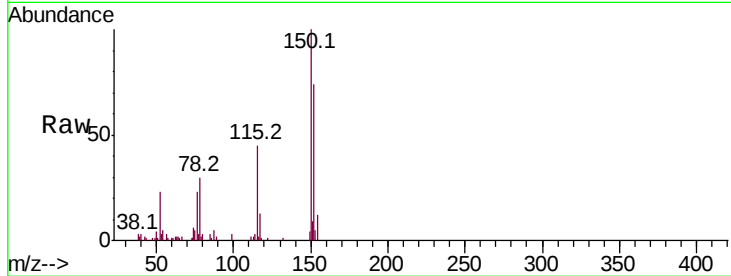


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

Instrument :
BNA_G
ClientSampleId :
PB111883BL

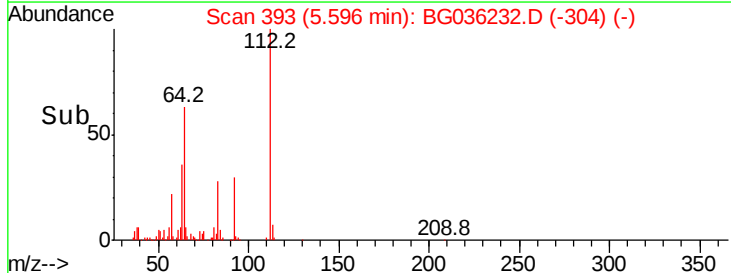
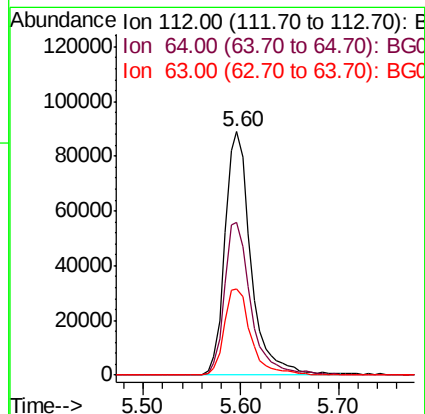
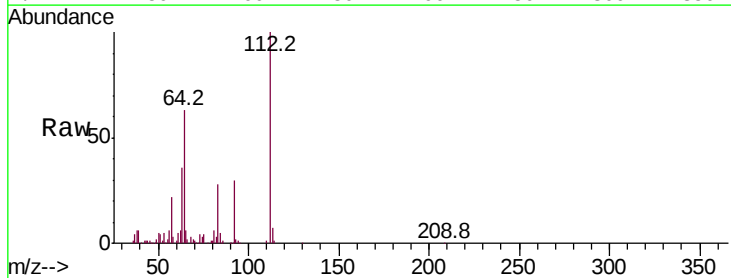
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	60.4	53.0	79.4

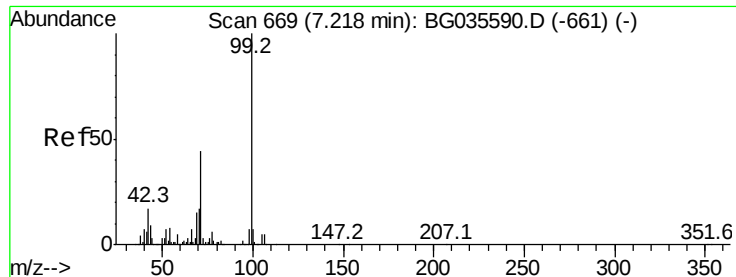


#5

2-Fluorophenol
Concen: 91.845 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.3	84.5
63	35.6	30.1	45.1





#7

Phenol-d6

Concen: 87.111 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036232.D

Acq: 9 Aug 2018 14:22

Instrument :

BNA_G

ClientSampleId :

PB111883BL

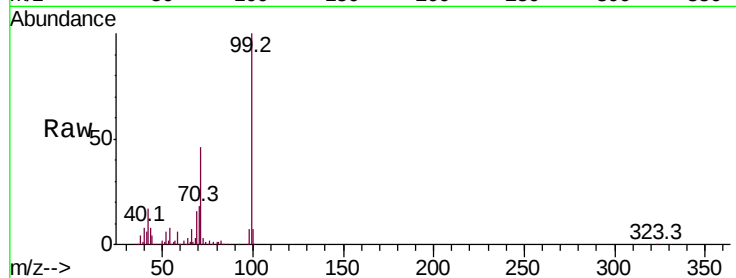
Tot Ion: 99 Resp: 231976

Ion Ratio Lower Upper

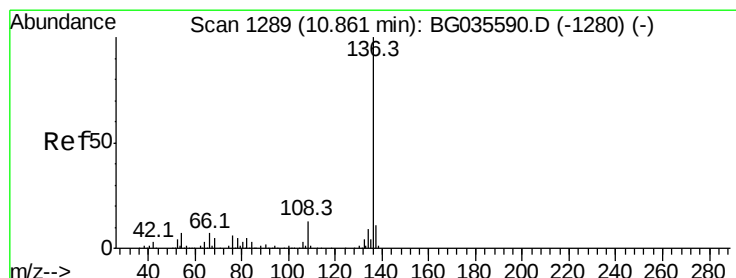
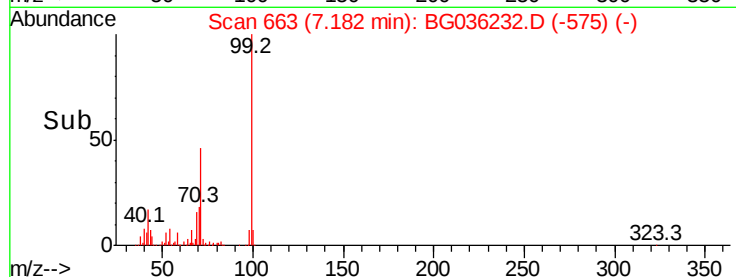
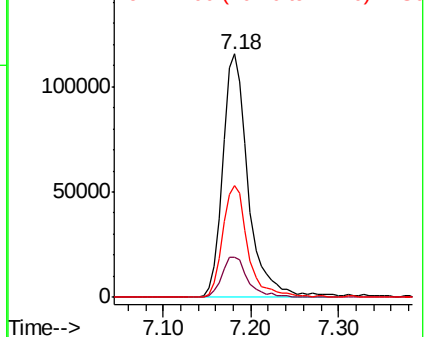
99 100

42 16.5 14.1 21.1

71 45.8 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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036232.D

Acq: 9 Aug 2018 14:22

Tgt Ion: 136 Resp: 100671

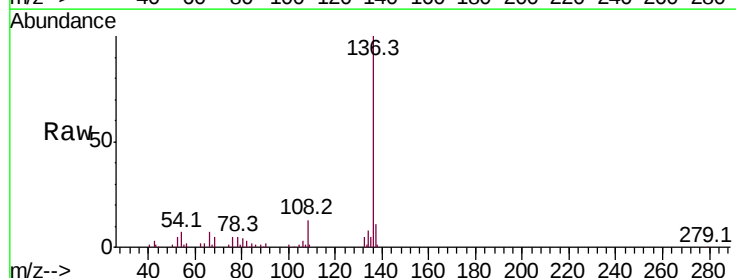
Ion Ratio Lower Upper

136 100

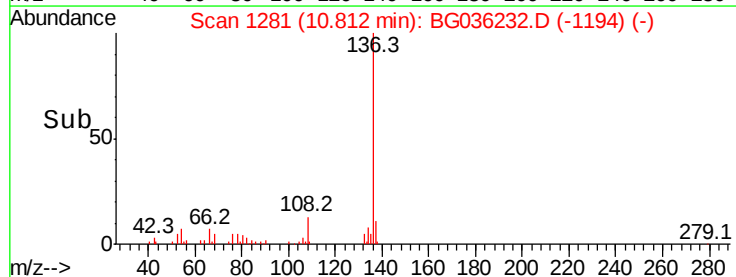
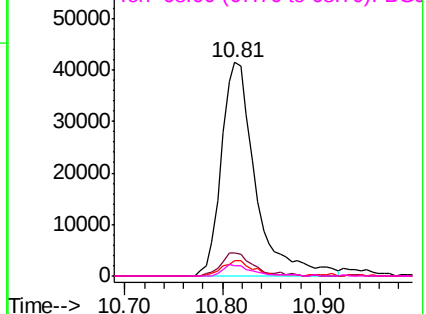
137 11.0 9.2 13.8

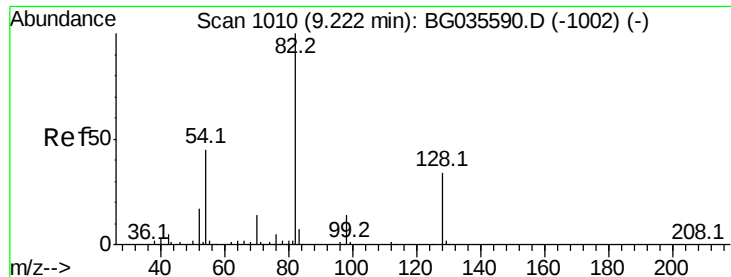
54 7.0 10.3 15.5#

68 4.6 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

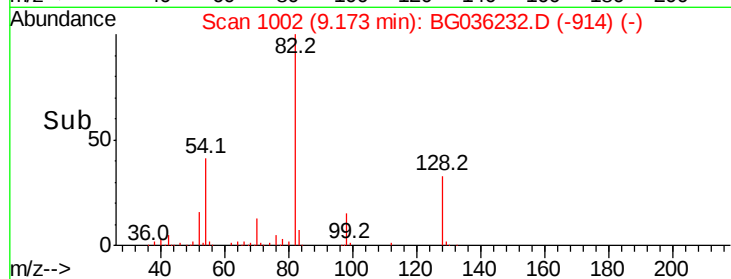
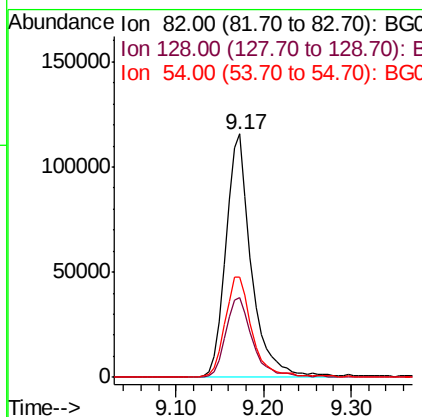
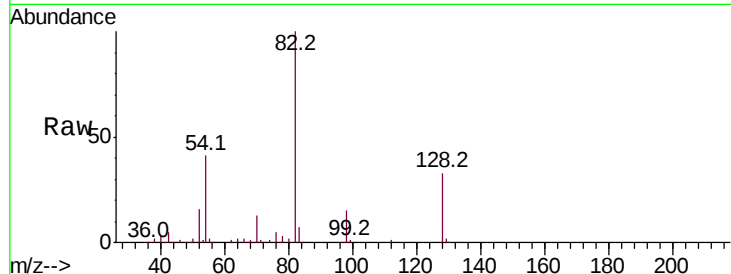




#23
 Nitrobenzene-d5
 Concen: 95.985 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036232.D
 Acq: 9 Aug 2018 14:22

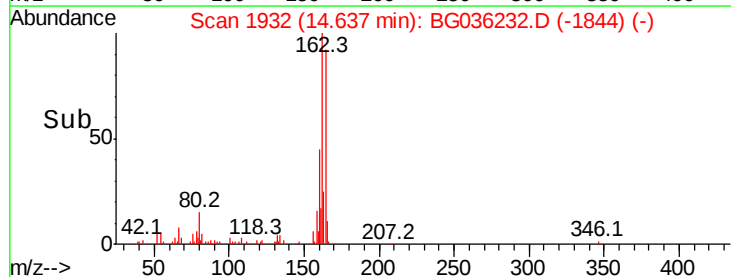
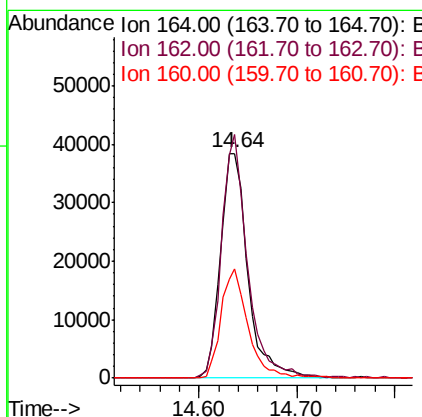
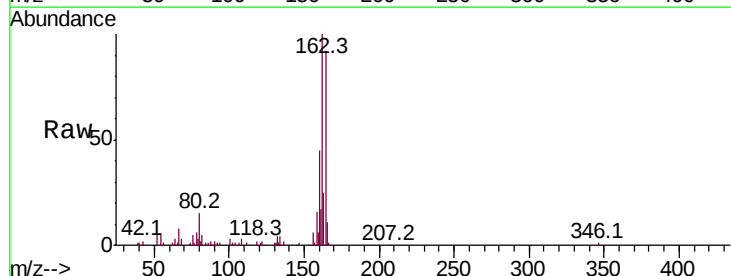
Instrument :
 BNA_G
 ClientSampleId :
 PB111883BL

Tot Ion	82	Resp	231310
Ion Ratio	100	Lower	Upper
128	32.5	29.7	44.5
54	41.2	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: BG036232.D
 Acq: 9 Aug 2018 14:22

Tgt Ion	164	Resp	74837
Ion Ratio	100	Lower	Upper
162	108.5	78.8	118.2
160	48.8	35.4	53.0

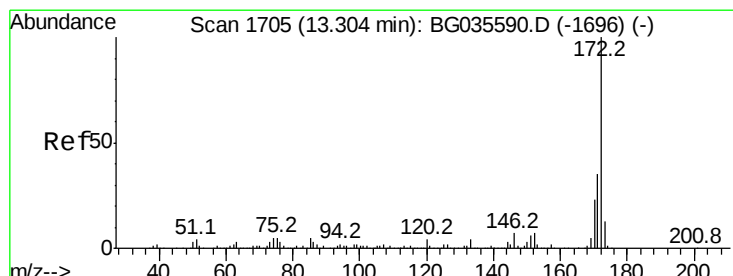
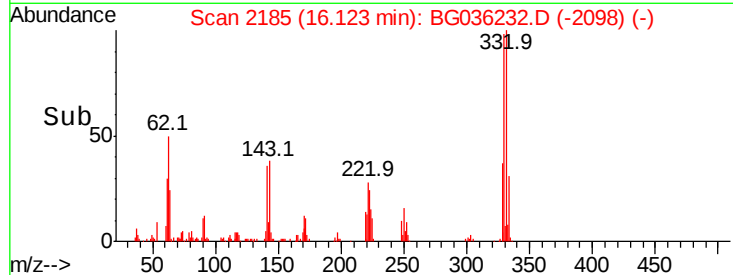
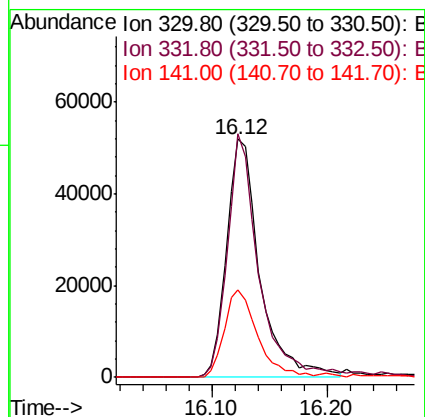
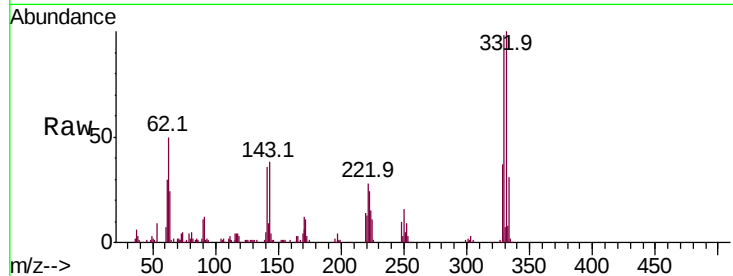




#41
2,4,6-Tribromophenol
Concen: 105.057 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

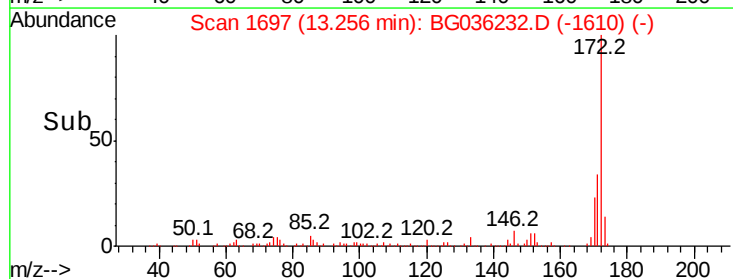
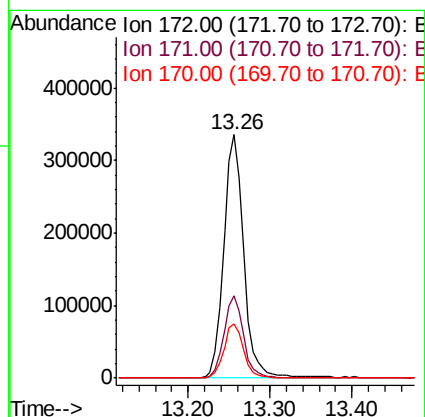
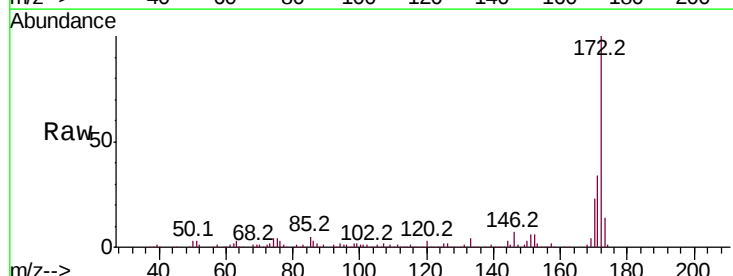
Instrument :
BNA_G
ClientSampleId :
PB111883BL

Tot Ion:330 Resp: 103628
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 36.4 25.2 37.8



#44
2-Fluorobiphenyl
Concen: 102.320 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

Tgt Ion:172 Resp: 571550
Ion Ratio Lower Upper
172 100
171 33.7 30.0 45.0
170 22.5 19.5 29.3

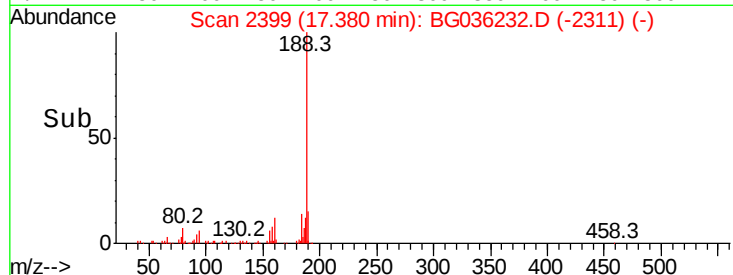
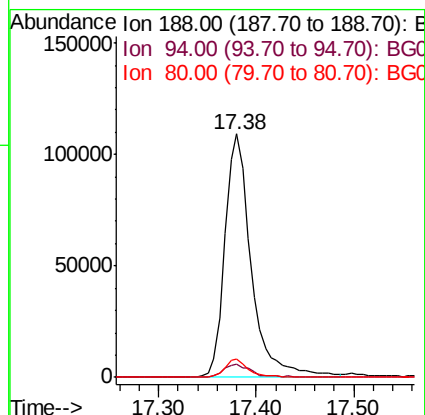
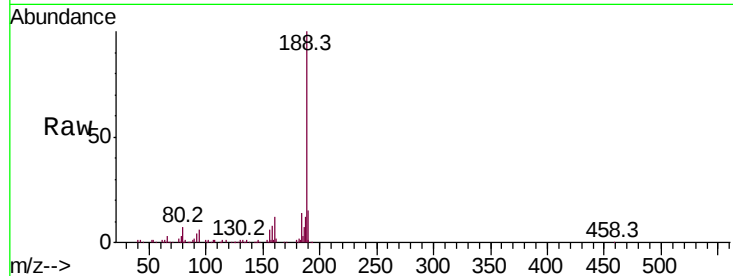




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

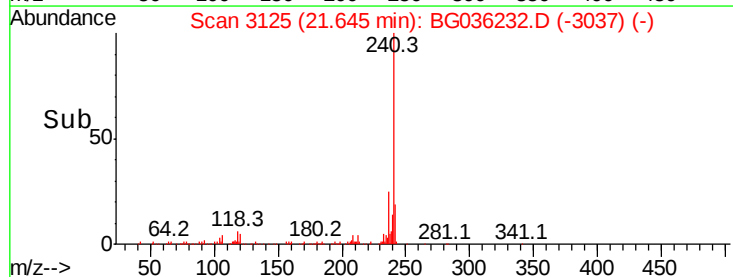
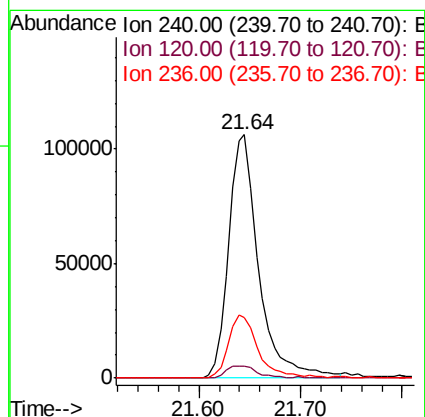
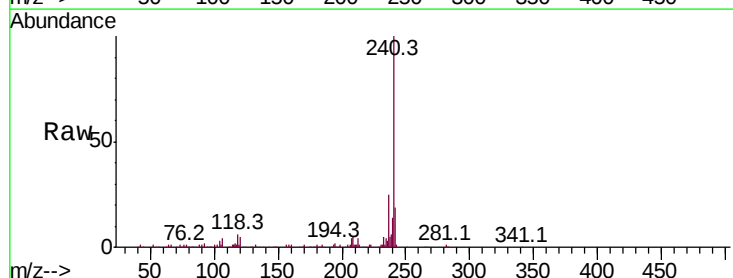
Instrument :
BNA_G
ClientSampleId :
PB111883BL

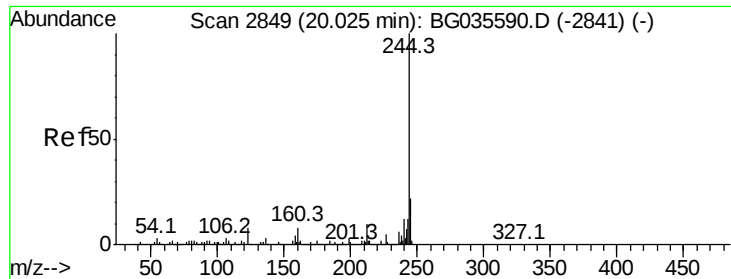
Tot Ion:188 Resp: 205361
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG036232.D
Acq: 9 Aug 2018 14:22

Tgt Ion:240 Resp: 217874
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 96.692 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036232.D

Acq: 9 Aug 2018 14:22

Instrument :

BNA_G

ClientSampleId :

PB111883BL

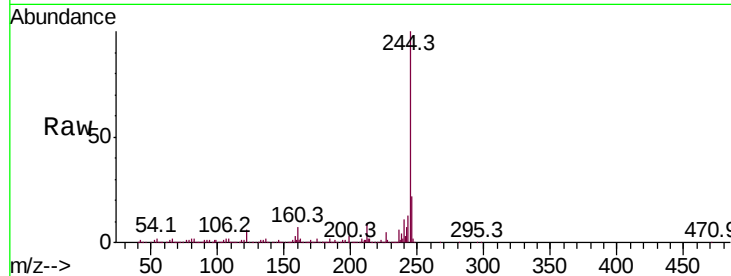
Tot Ion:244 Resp: 955710

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

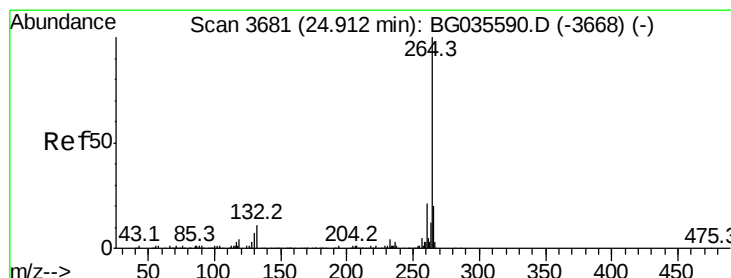
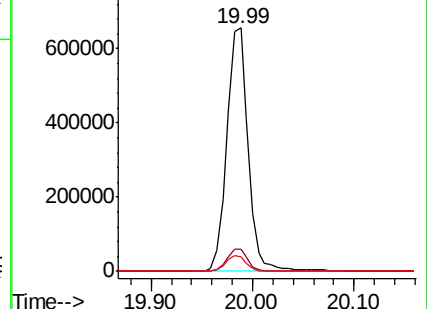
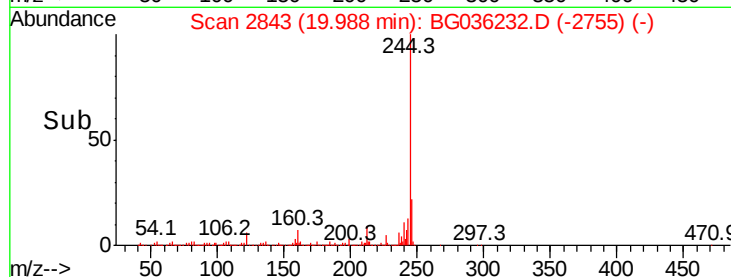
122 5.8 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036232.D

Acq: 9 Aug 2018 14:22

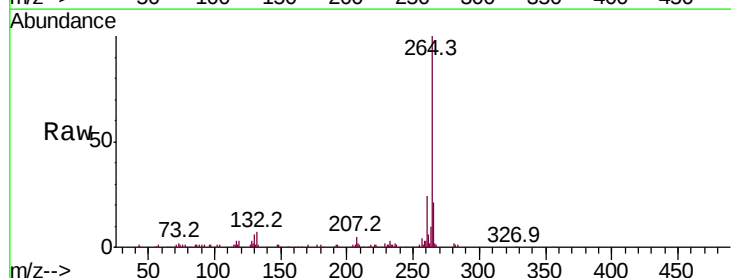
Tgt Ion:264 Resp: 201972

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.0 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

