

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036217.D
 Acq On : 9 Aug 2018 4:35
 Operator : JU/SJ
 Sample : J4275-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Quant Time: Aug 09 08:04:04 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

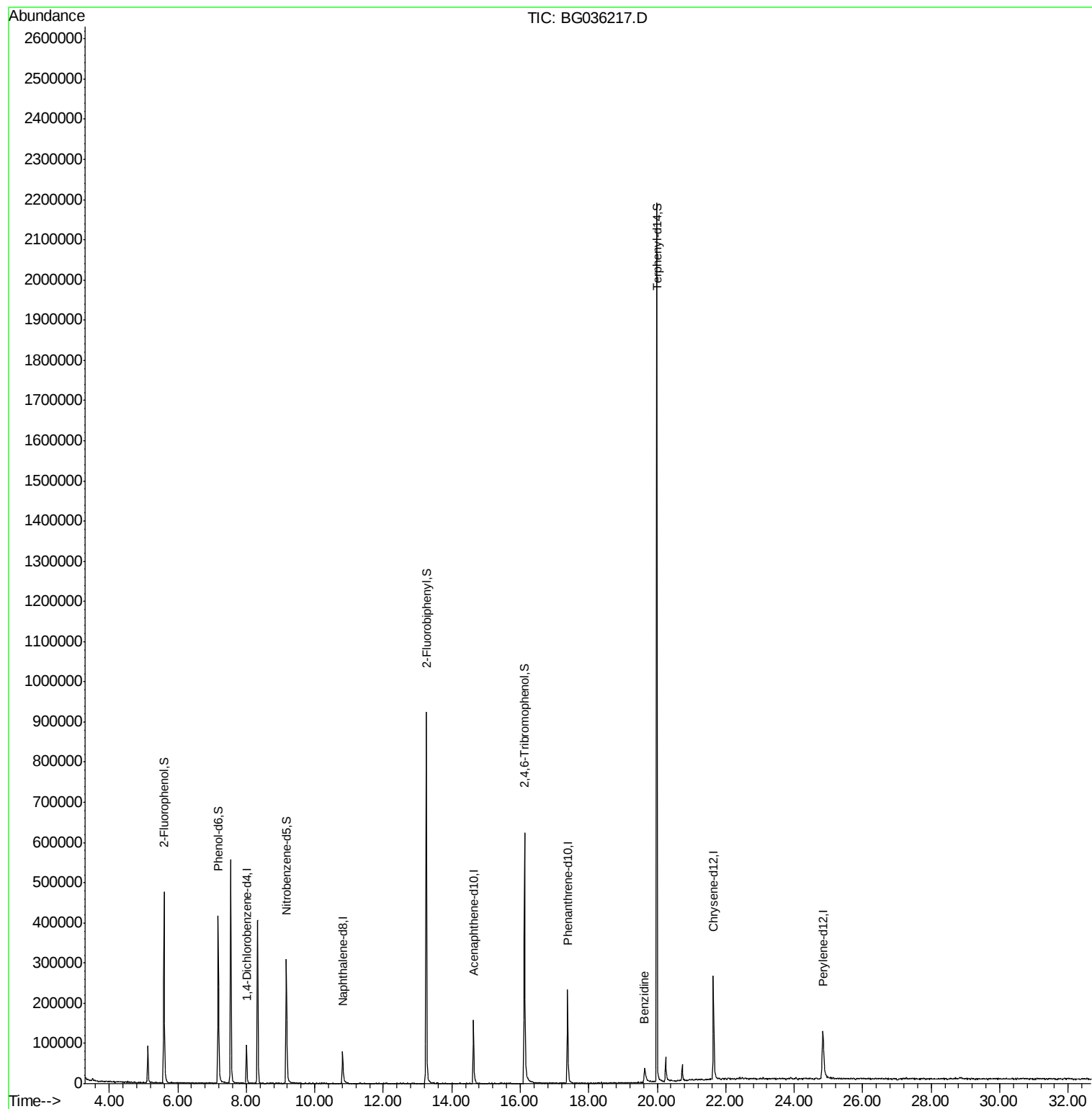
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26707	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	85771	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	63070	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	183412	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	205645	20.00	ng	-0.02
86) Perylene-d12	24.83	264	181935	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	216218	134.41	ng	0.00
7) Phenol-d6	7.18	99	269802	112.41	ng	-0.01
23) Nitrobenzene-d5	9.17	82	233237	113.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	140416	168.91	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	534279	113.49	ng	-0.02
78) Terphenyl-d14	19.99	244	1110446	119.03	ng	-0.01
Target Compounds						
76) Benzidine	19.64	184	54480	10.077	ng	Qvalue # 93

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

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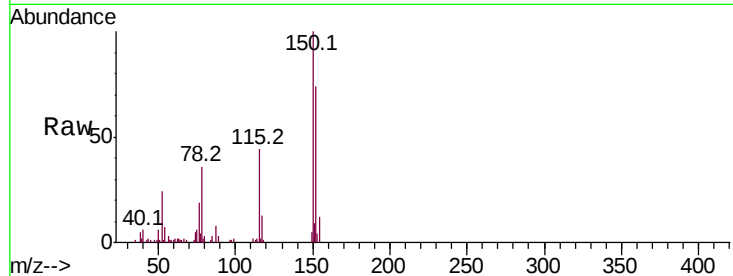


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	60.3	53.0	79.4

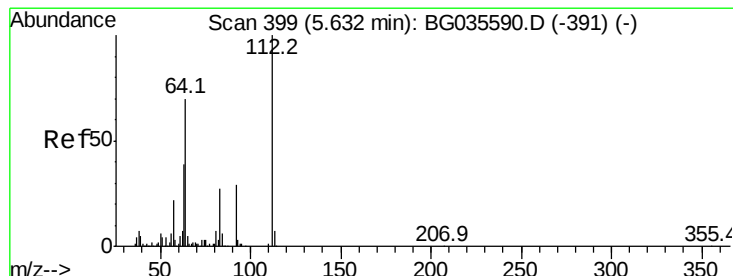
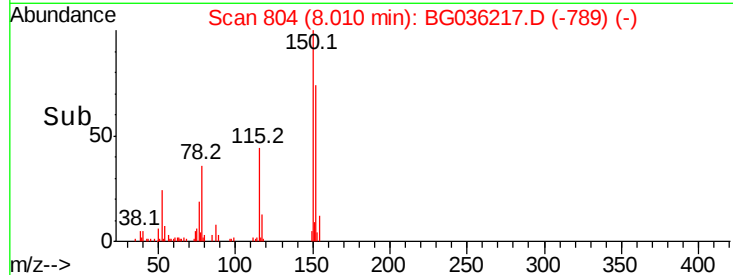
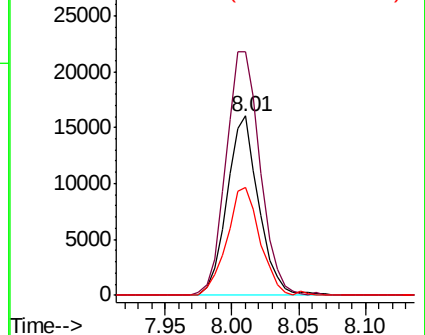


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

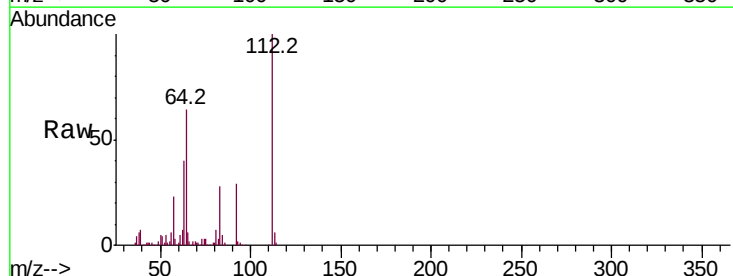
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.411 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	39.7	30.1	45.1

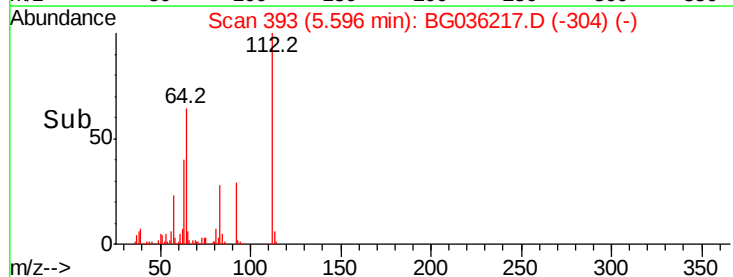
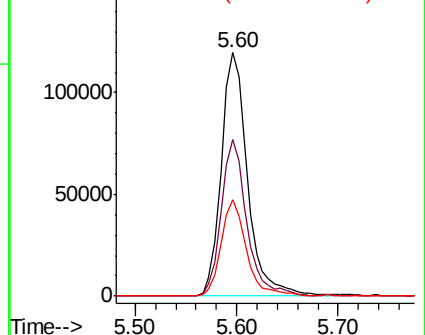


Abundance

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: 112.415 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-A

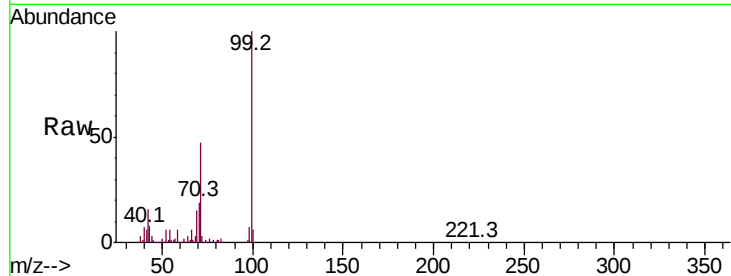
Tot Ion: 99 Resp: 269802

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

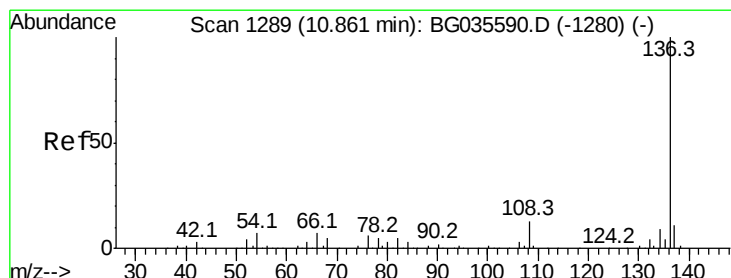
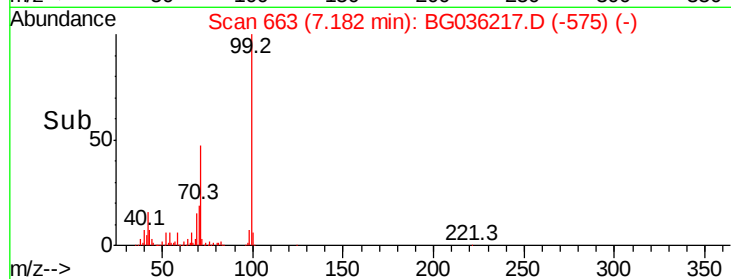
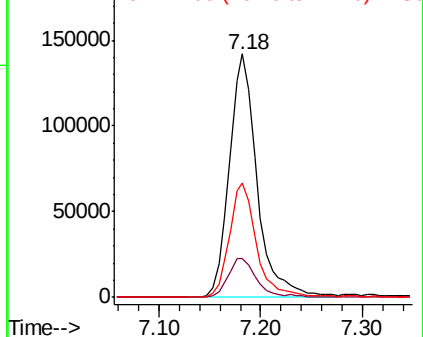
71 46.9 26.1 39.1#



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: BG036217.D

Acq: 9 Aug 2018 4:35

Tgt Ion: 136 Resp: 85771

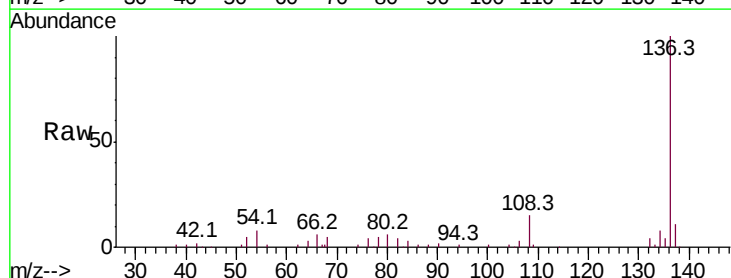
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.0 10.3 15.5#

68 5.3 4.5 6.7

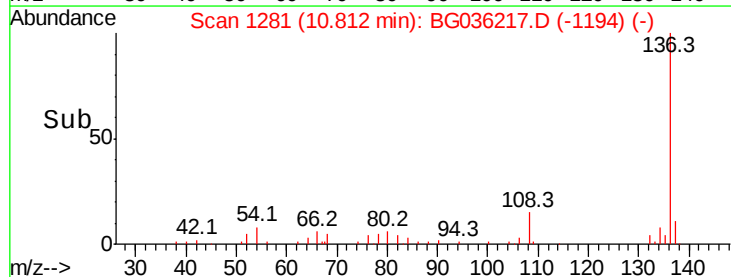
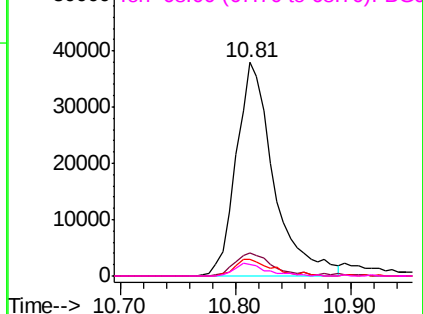


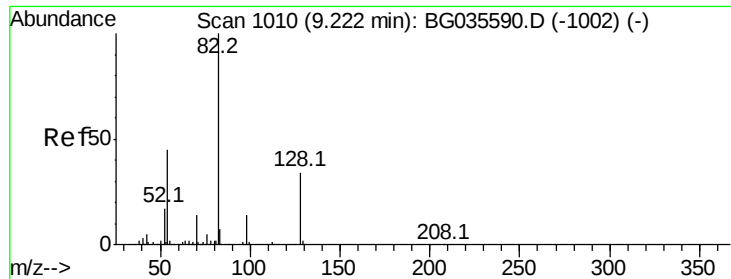
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

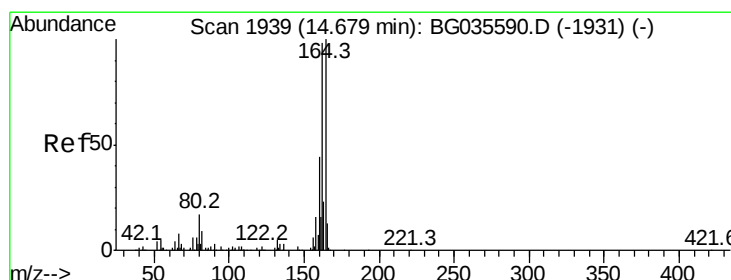
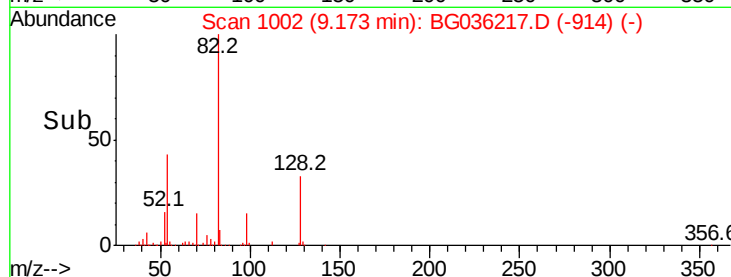
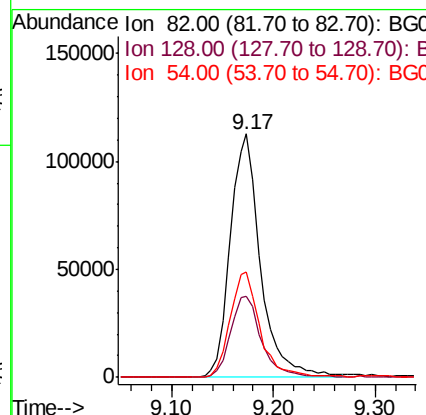
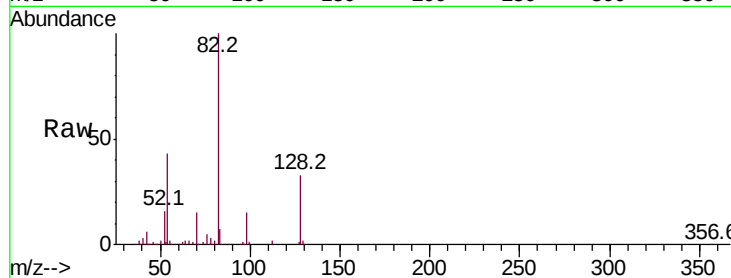




#23
 Nitrobenzene-d5
 Concen: 113.598 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

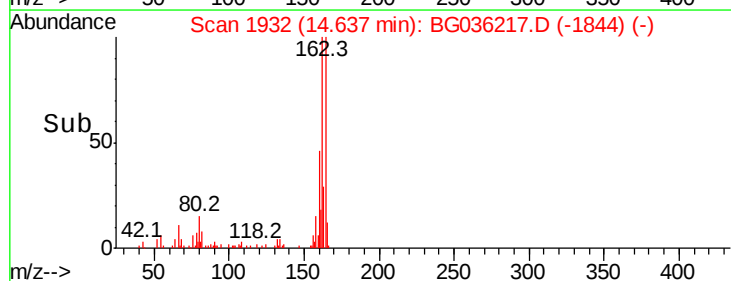
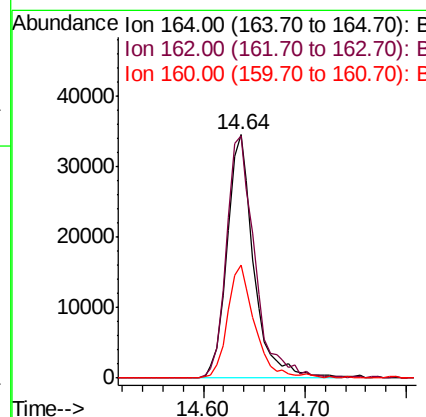
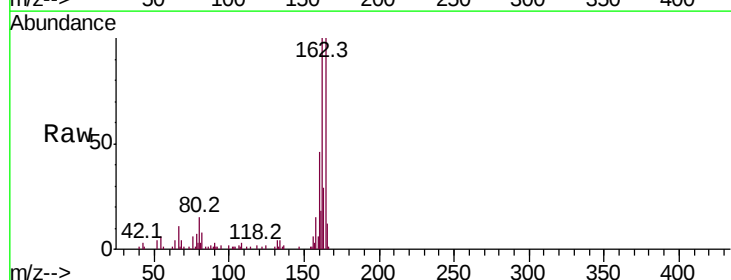
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	43.4	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: BG036217.D
 Acq: 9 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	46.2	35.4	53.0

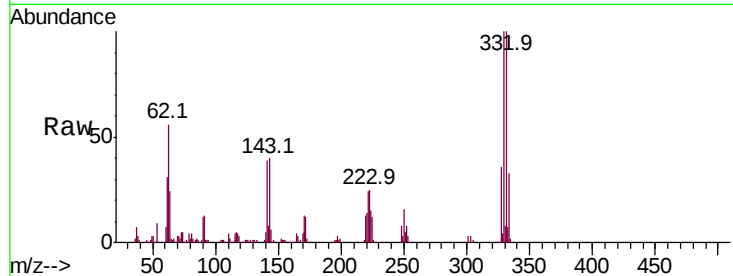




#41
 2,4,6-Tribromophenol
 Concen: 168.911 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	40.0	25.2	37.8#

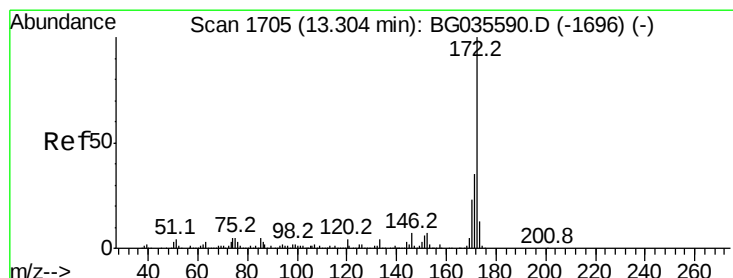
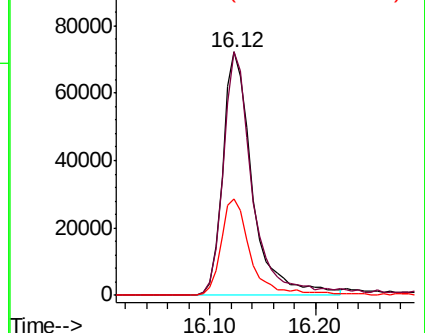
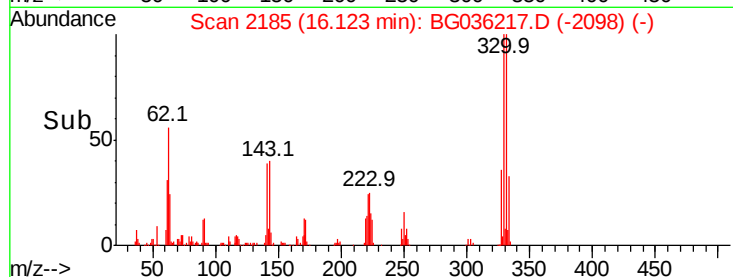


Abundance

Ion 329.80 (329.50 to 330.50): E

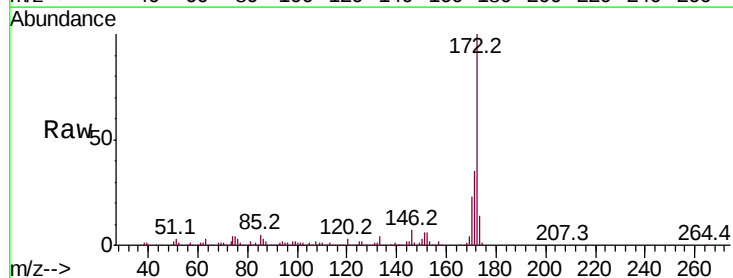
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.492 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.0	19.5	29.3

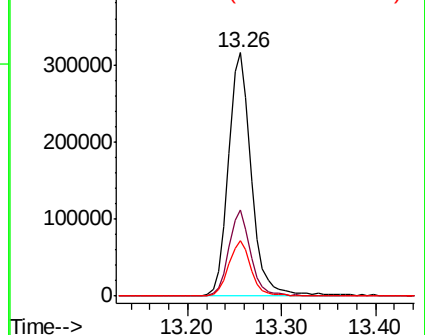
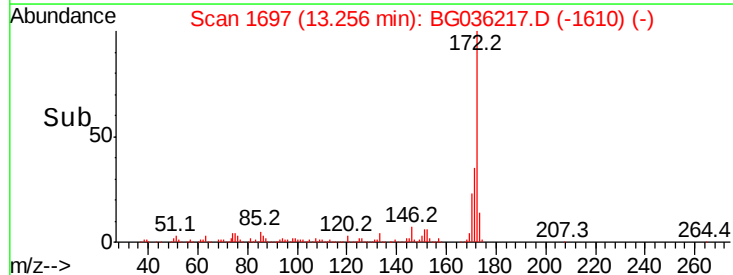


Abundance

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

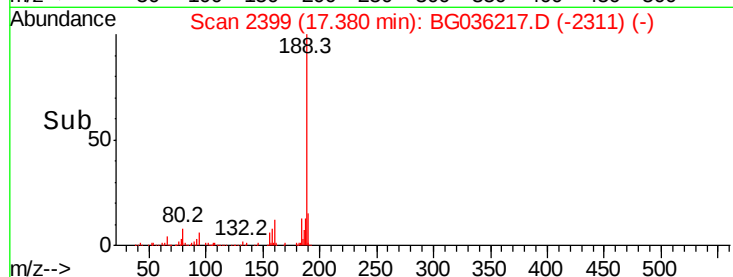
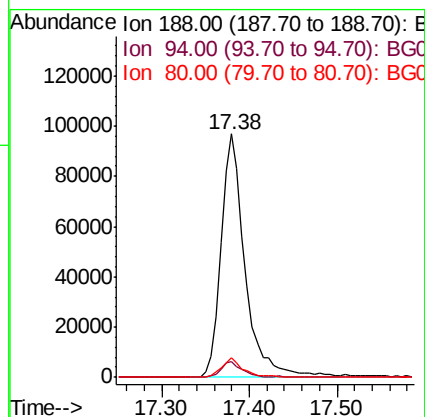
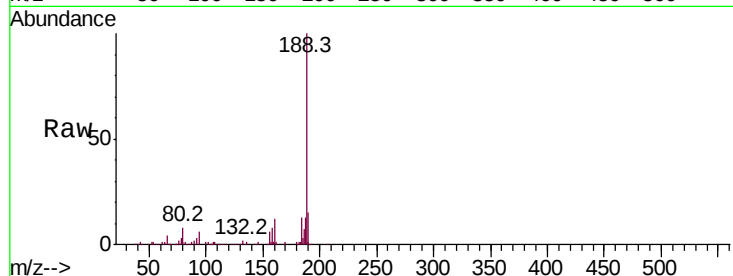




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

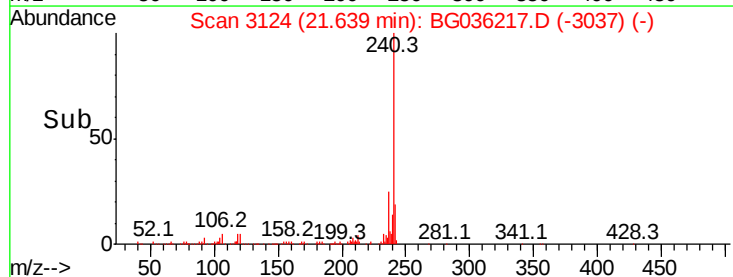
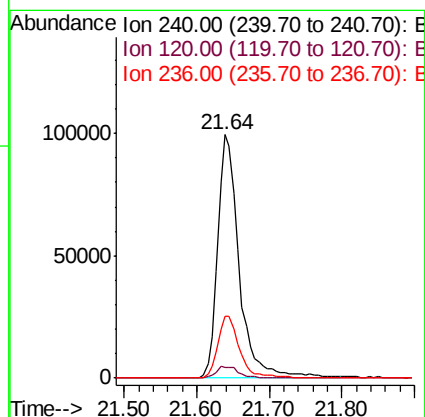
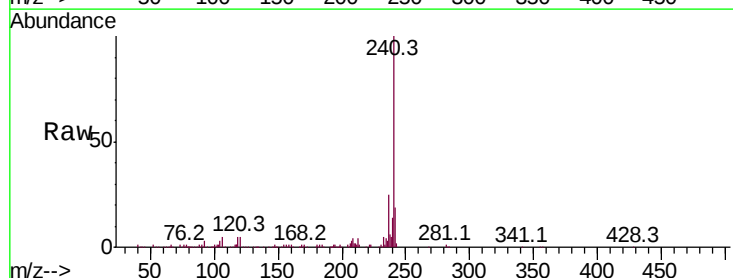
Instrument :
BNA_G
ClientSampleId :
CL-02-080718-A

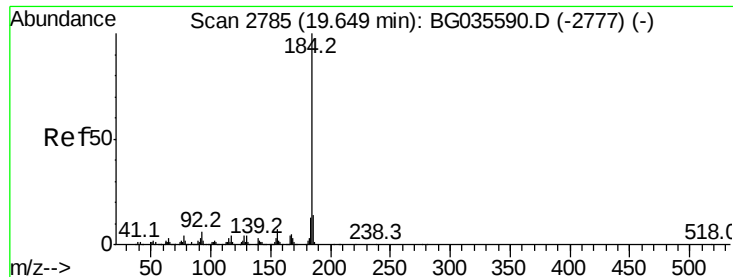
Tot Ion:188 Resp: 183412
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Tgt Ion:240 Resp: 205645
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 25.3 20.9 31.3





#76

Benzidine

Concen: 10.077 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-A

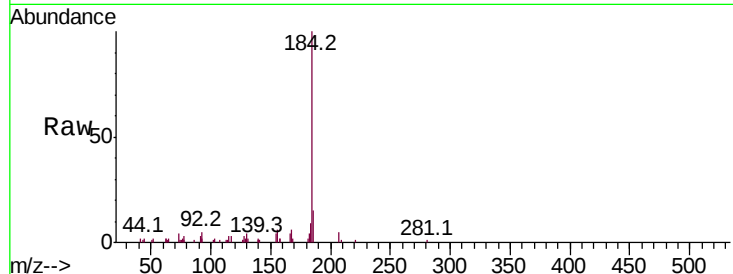
Tot Ion:184 Resp: 54480

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

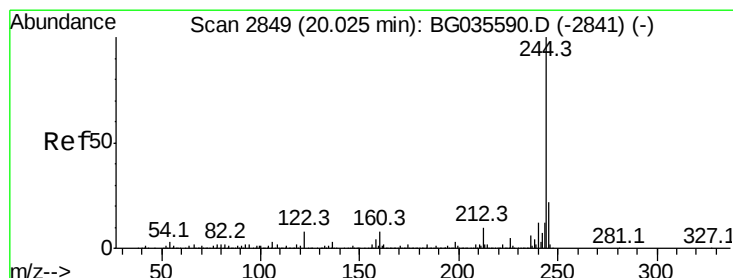
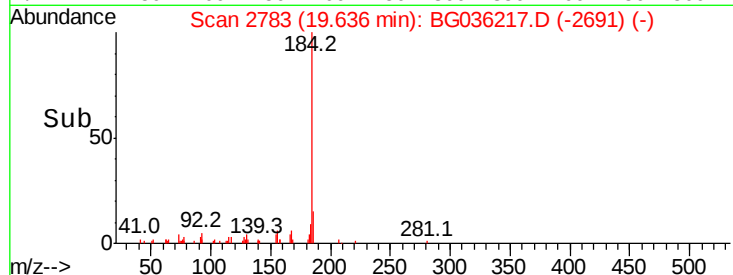
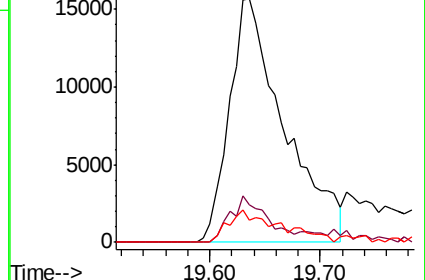
183 9.3 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 119.028 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

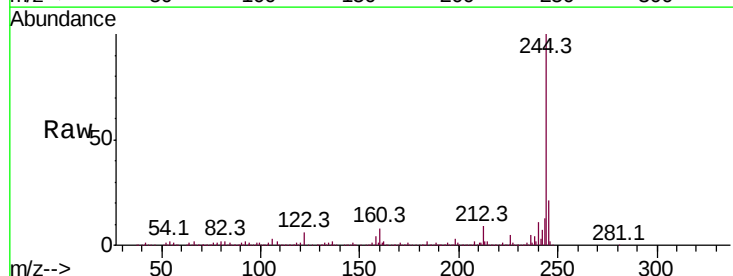
Tgt Ion:244 Resp: 1110446

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

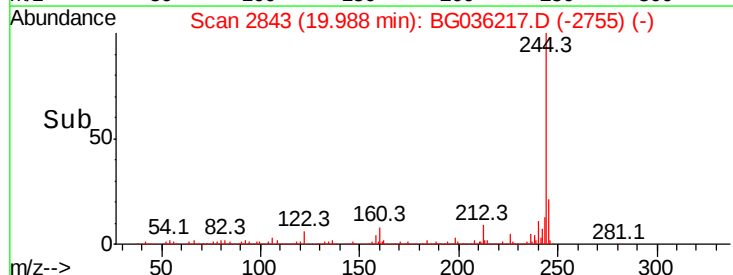
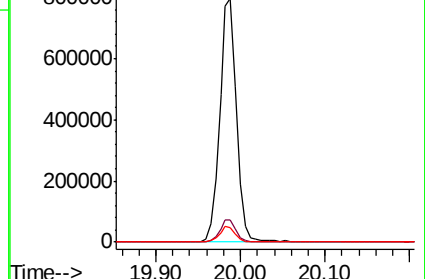
122 5.9 7.0 10.4#

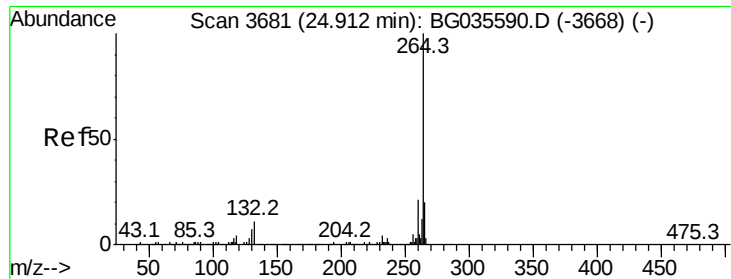


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

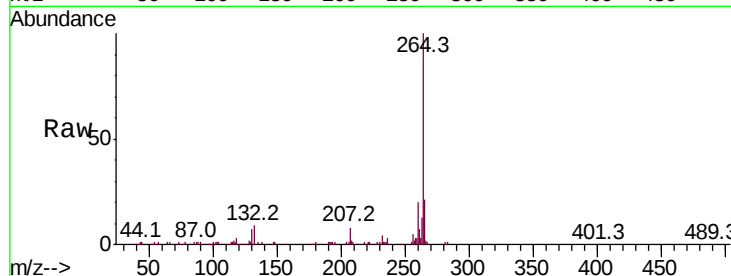




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3668
 Delta R.T. -0.03 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.0	17.4	26.0
265	21.4	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

