

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036272.D
 Acq On : 10 Aug 2018 18:04
 Operator : JU/SJ
 Sample : PB111936BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

Quant Time: Aug 10 23:35:45 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	8.00	152	26734	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93585	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	69071	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	186621	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204750	20.00	ng	-0.02
86) Perylene-d12	24.83	264	185336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	237788	147.67	ng	0.00
7) Phenol-d6	7.18	99	332324	138.33	ng	-0.01
23) Nitrobenzene-d5	9.17	82	224319	100.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	158708	174.33	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	525931	102.01	ng	-0.02
78) Terphenyl-d14	19.98	244	1068002	114.98	ng	-0.02

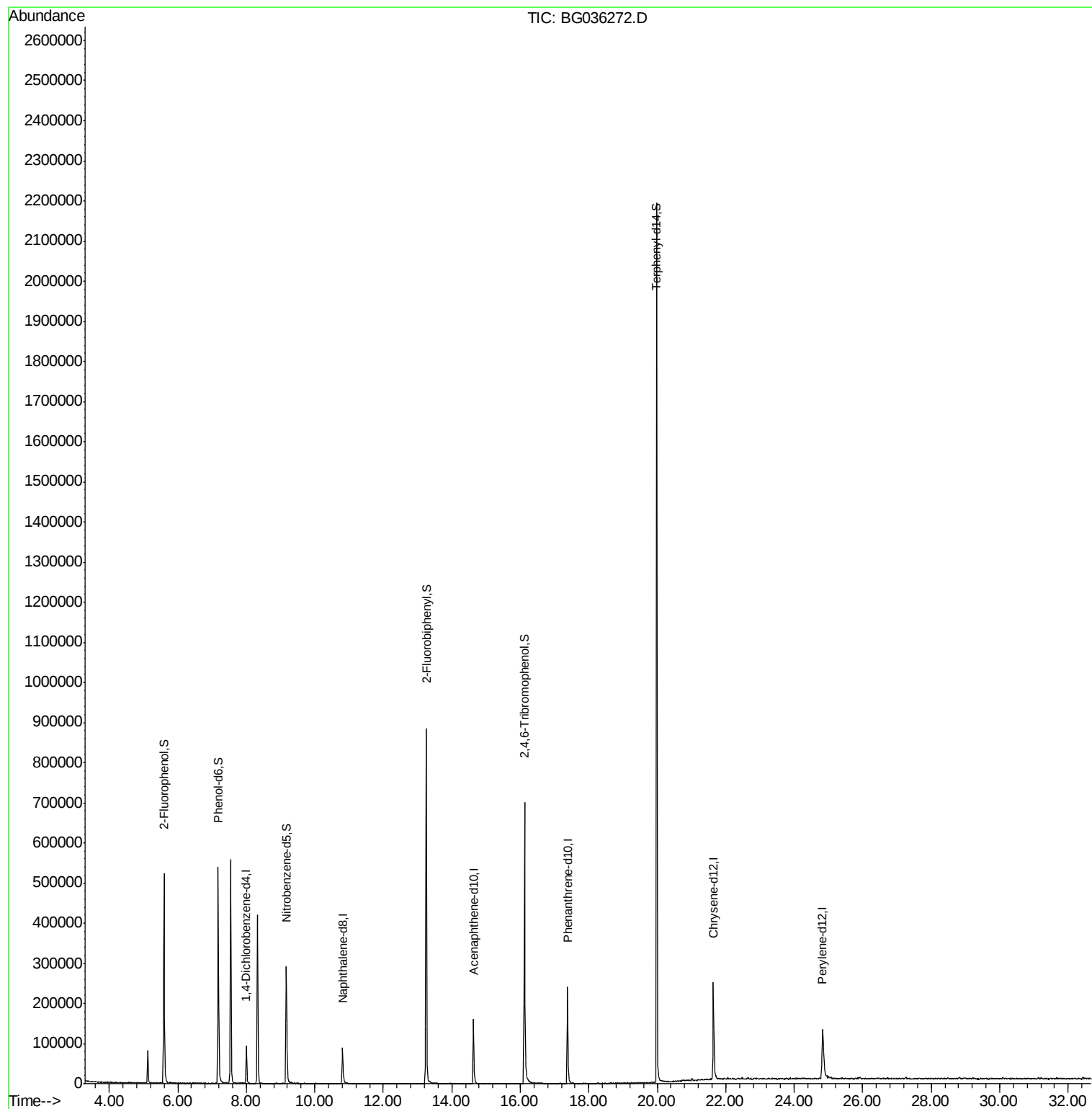
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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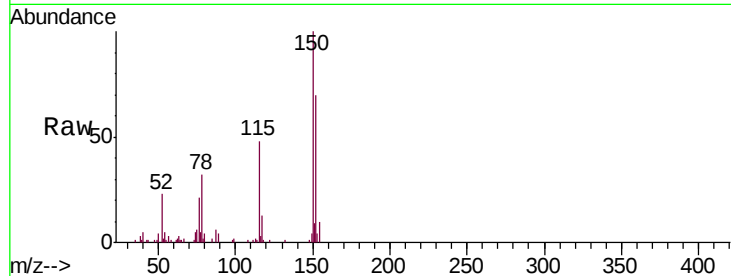


#1

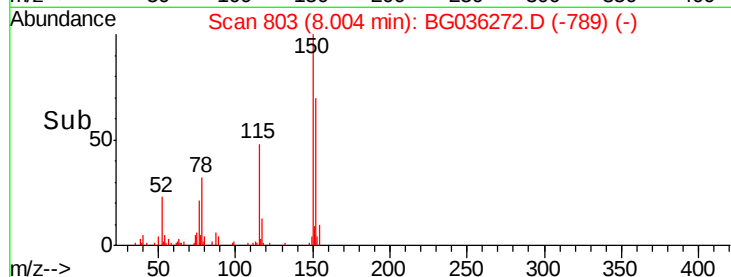
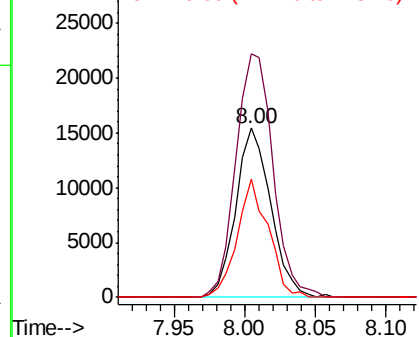
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Instrument :
BNA_G
ClientSampleId :
PB111936BL

Tgt Ion:152 Resp: 26734
Ion Ratio Lower Upper
152 100
150 143.9 126.6 189.8
115 69.7 53.0 79.4



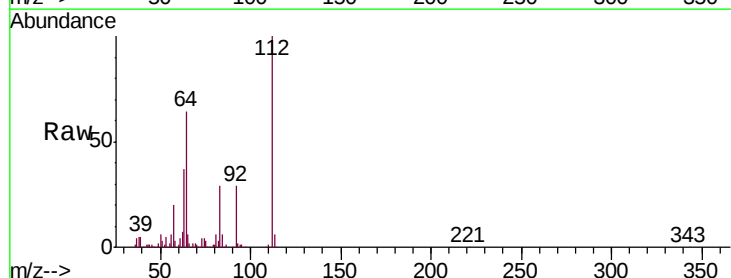
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



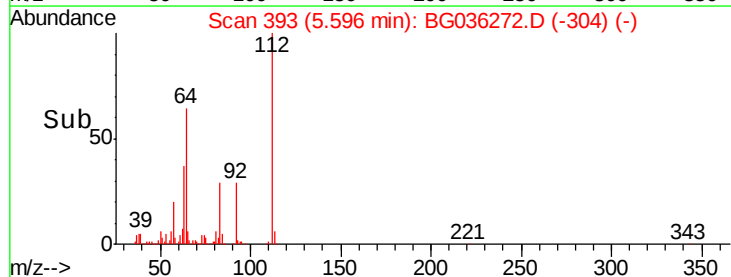
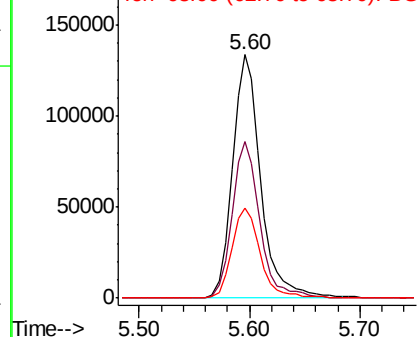
#5

2-Fluorophenol
Concen: 147.671 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036272.D
Acq: 10 Aug 2018 18:04

Tgt Ion:112 Resp: 237788
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 37.1 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: 138.325 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

Instrument :

BNA_G

ClientSampleId :

PB111936BL

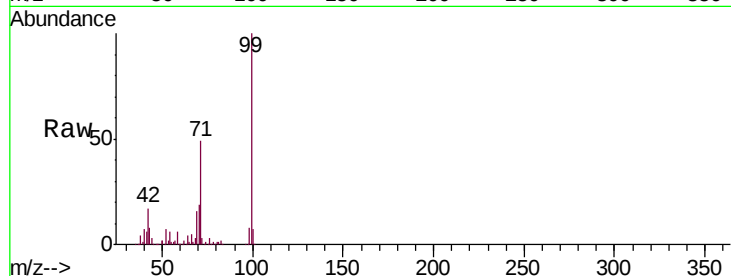
Tgt Ion: 99 Resp: 332324

Ion Ratio Lower Upper

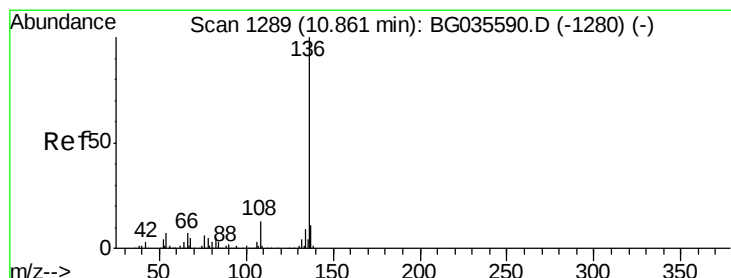
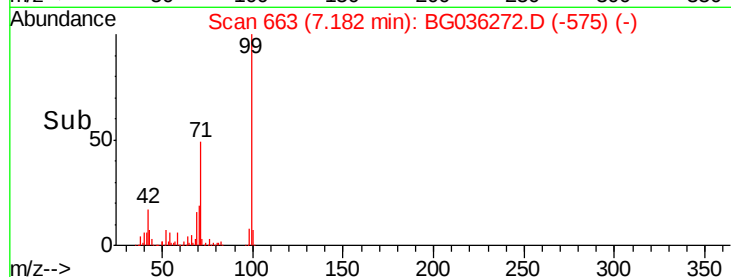
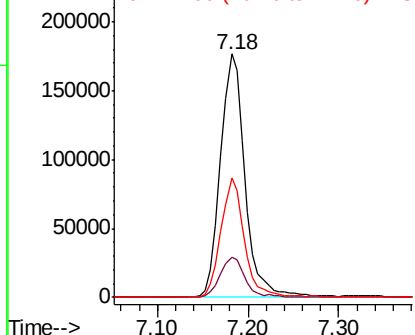
99 100

42 16.6 14.1 21.1

71 49.2 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: BG036272.D

Acq: 10 Aug 2018 18:04

Tgt Ion: 136 Resp: 93585

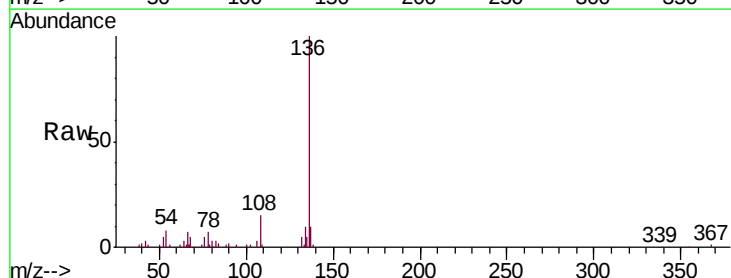
Ion Ratio Lower Upper

136 100

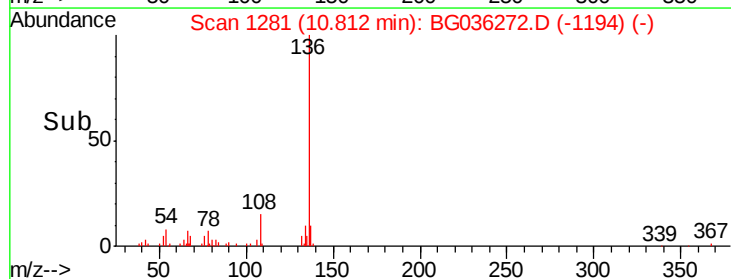
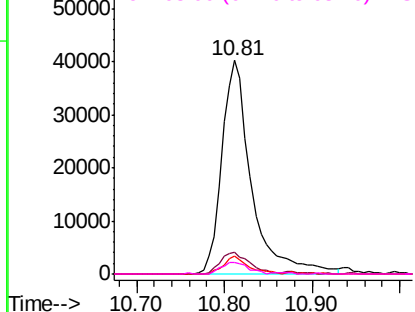
137 10.1 9.2 13.8

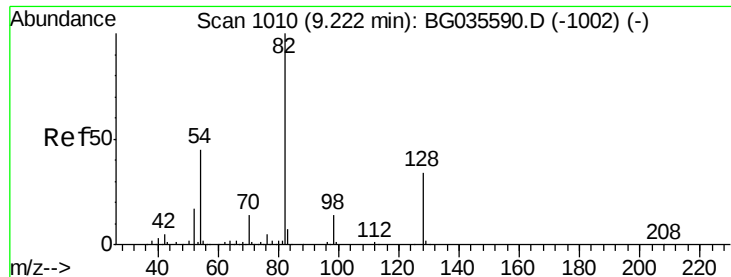
54 8.4 10.3 15.5#

68 5.1 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

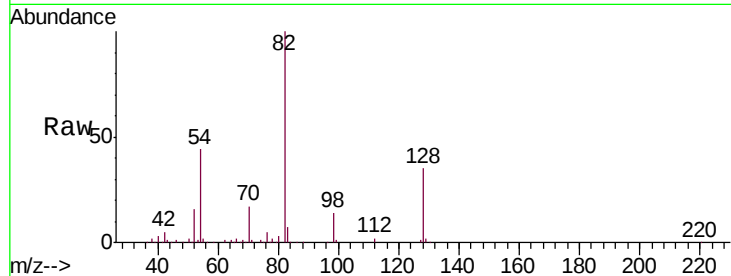




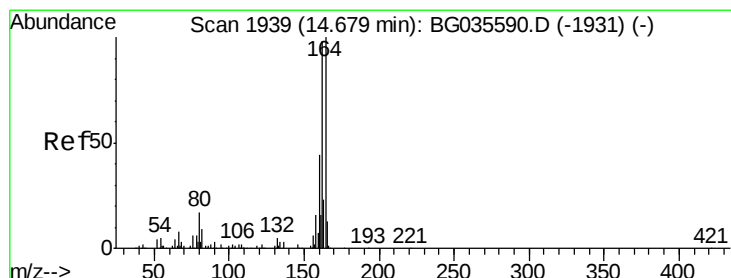
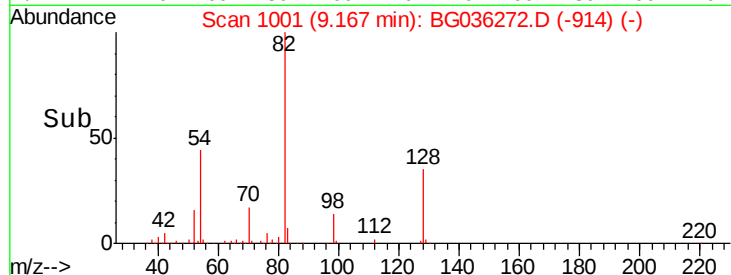
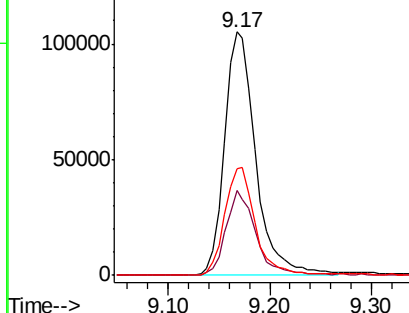
#23
 Nitrobenzene-d5
 Concen: 100.132 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.7	43.1	64.7

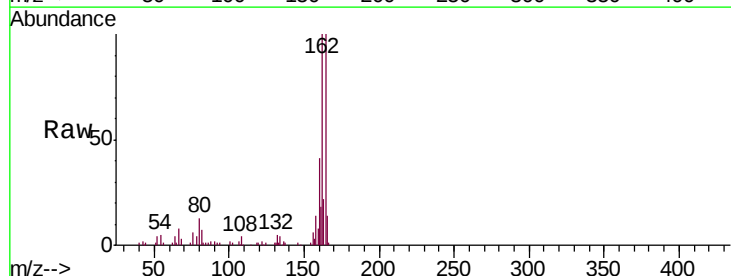


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

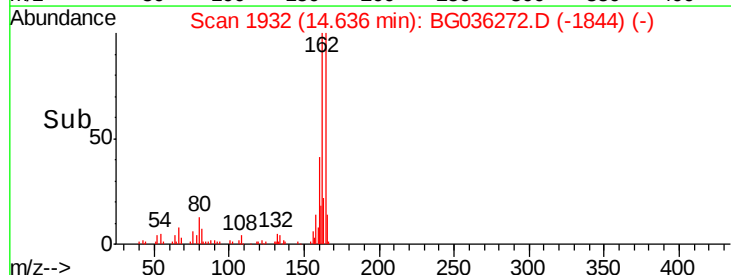
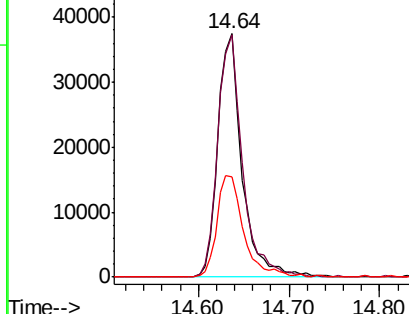


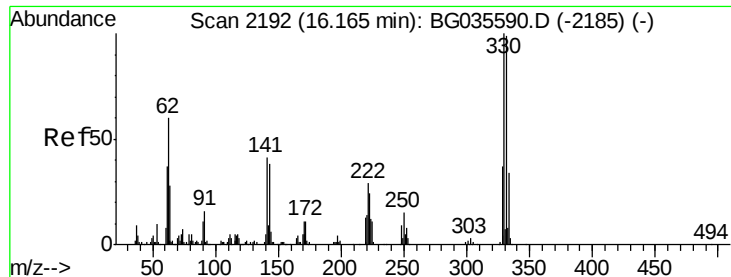
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	41.0	35.4	53.0



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

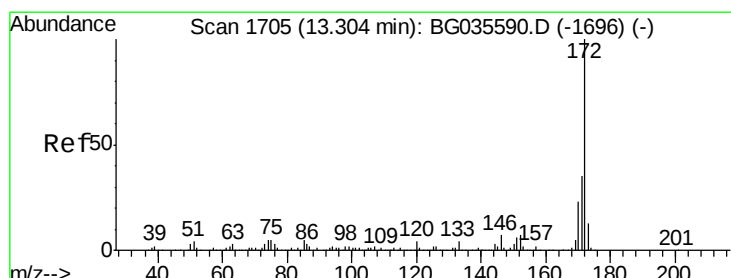
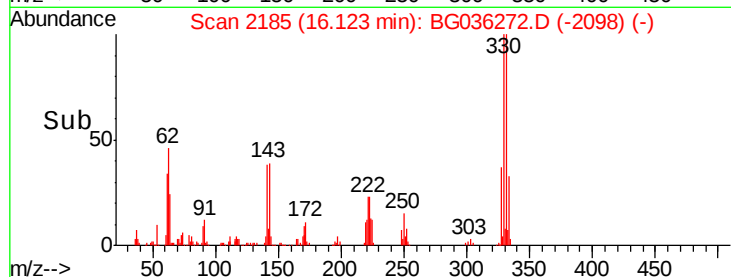
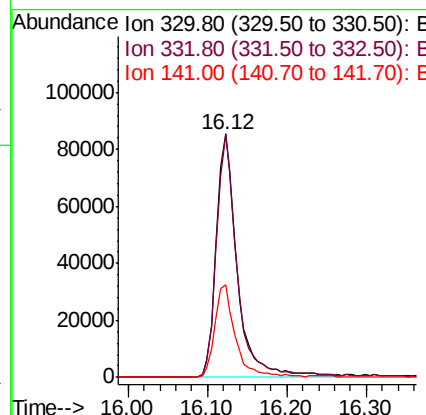
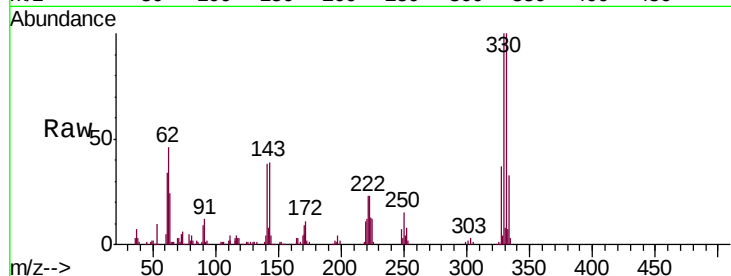




#41
 2,4,6-Tribromophenol
 Concen: 174.328 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

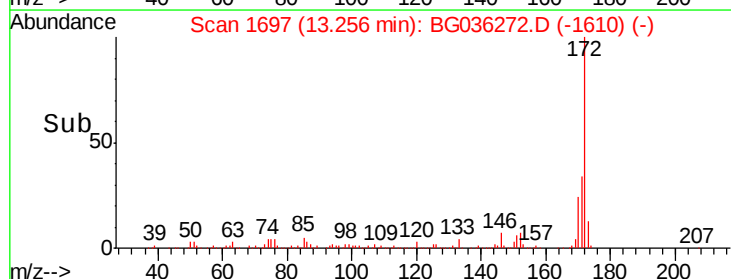
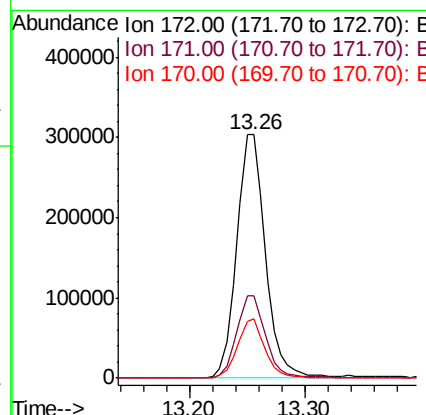
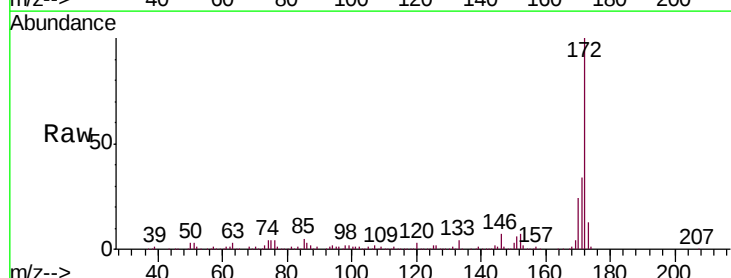
Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

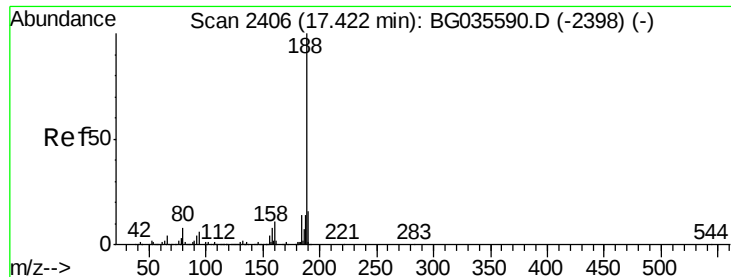
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	37.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 102.013 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	24.4	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: BG036272.D

Acq: 10 Aug 2018 18:04

Instrument :

BNA_G

ClientSampleId :

PB111936BL

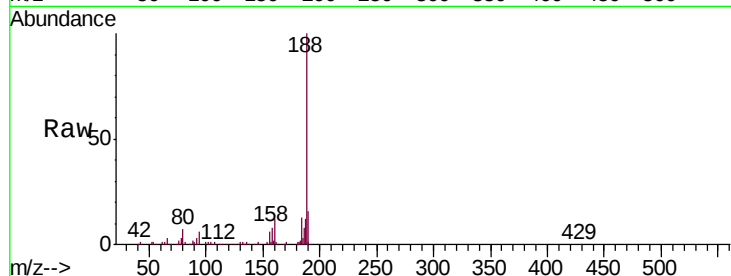
Tgt Ion:188 Resp: 186621

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

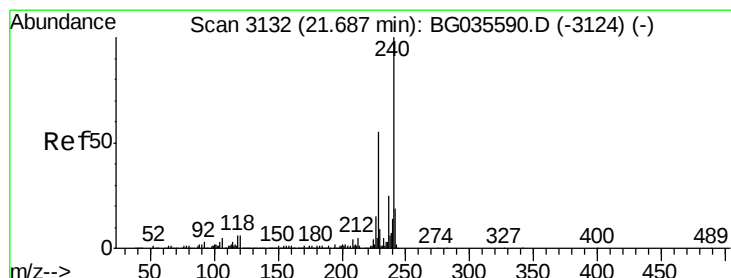
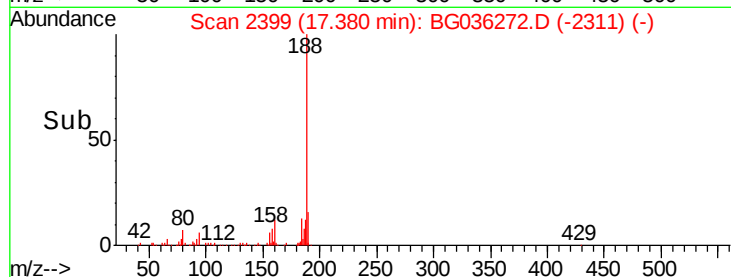
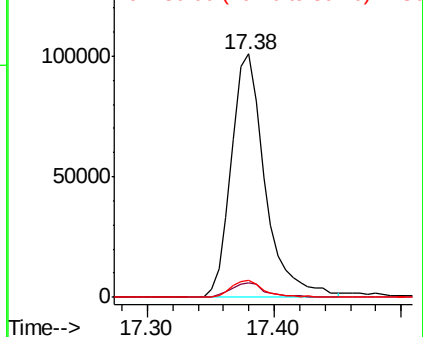
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036272.D

Acq: 10 Aug 2018 18:04

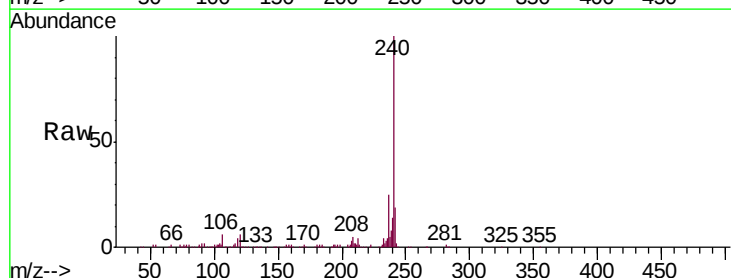
Tgt Ion:240 Resp: 204750

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

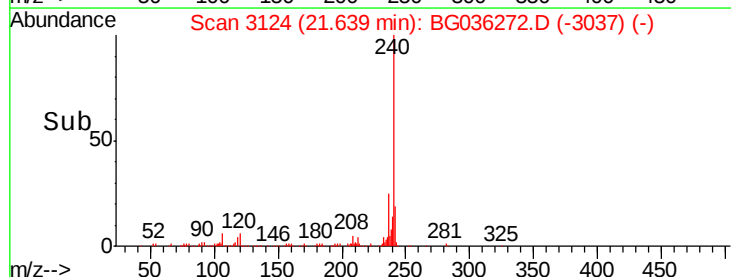
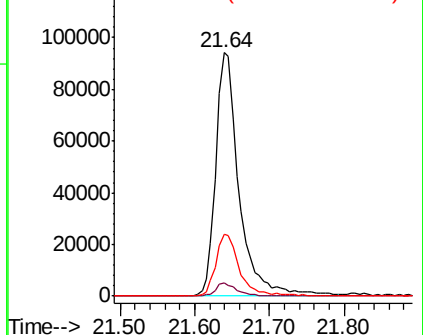
236 25.4 20.9 31.3

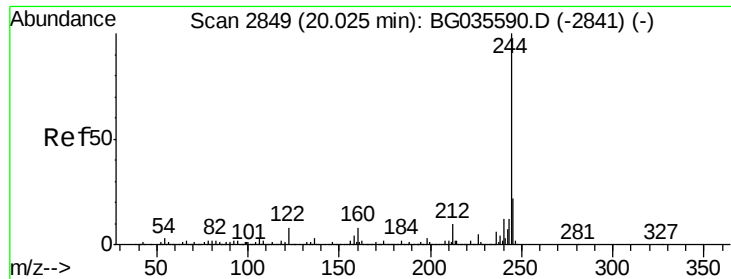


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

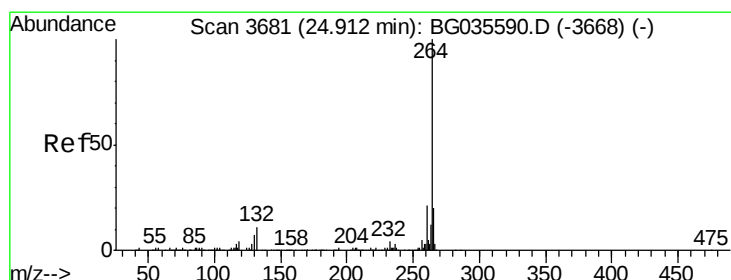
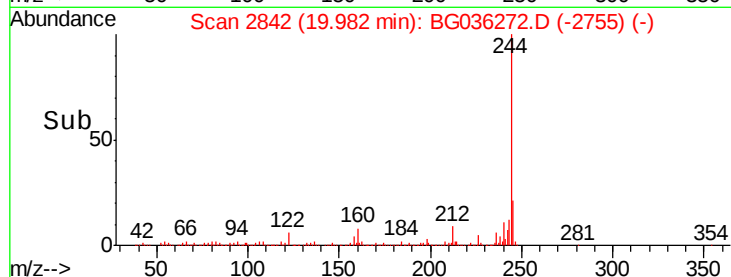
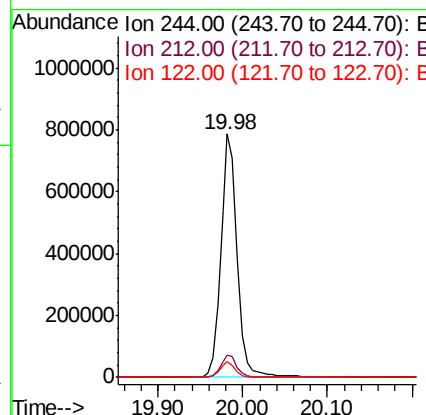
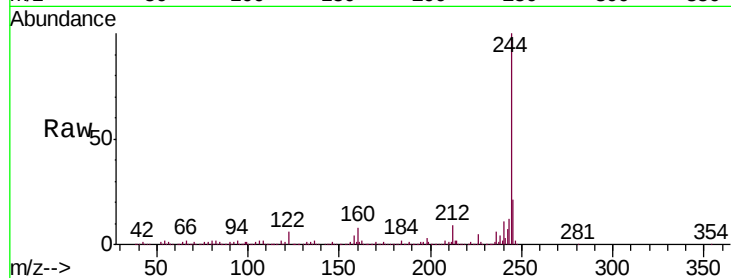




#78
 Terphenyl-d14
 Concen: 114.979 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BL

Tgt Ion:244 Resp: 1068002
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036272.D
 Acq: 10 Aug 2018 18:04

Tgt Ion:264 Resp: 185336
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 23.8 17.7 26.5

