

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036236.D
 Acq On : 9 Aug 2018 16:58
 Operator : JU/SJ
 Sample : PB111891BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BL

Quant Time: Aug 10 05:03:07 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	27840	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99912	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	74794	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	203575	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	219732	20.00	ng	-0.02
86) Perylene-d12	24.83	264	200462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	201089	119.92	ng	-0.01
7) Phenol-d6	7.18	99	290508	116.12	ng	-0.02
23) Nitrobenzene-d5	9.17	82	192410	80.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	139376	141.38	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	469680	84.13	ng	-0.02
78) Terphenyl-d14	19.99	244	951575	95.46	ng	-0.02

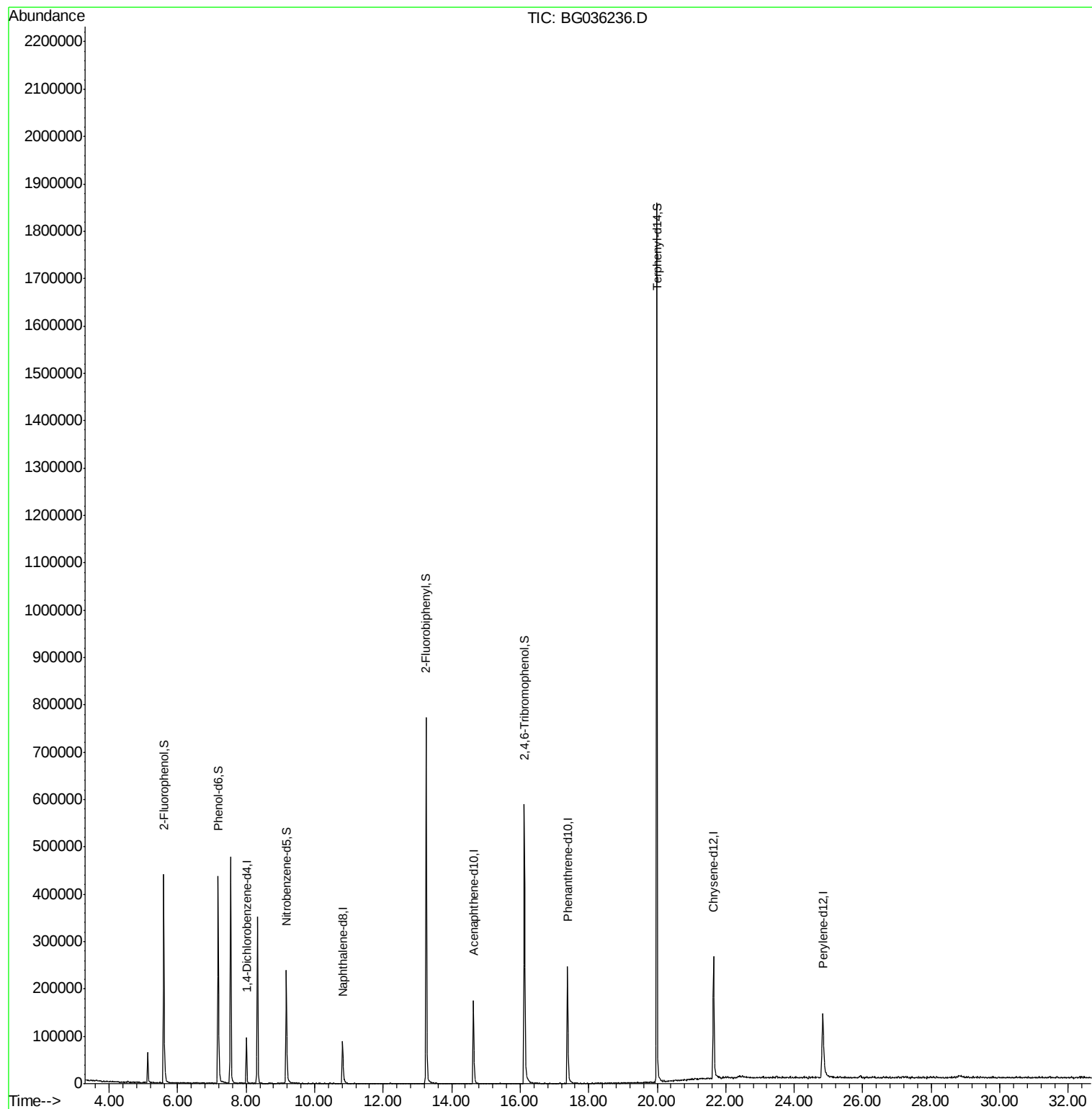
Target Compounds Qvalue

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

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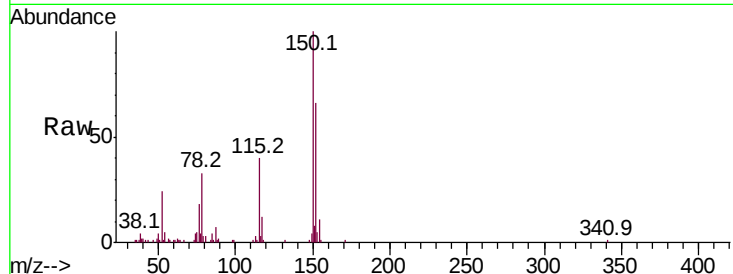


#1

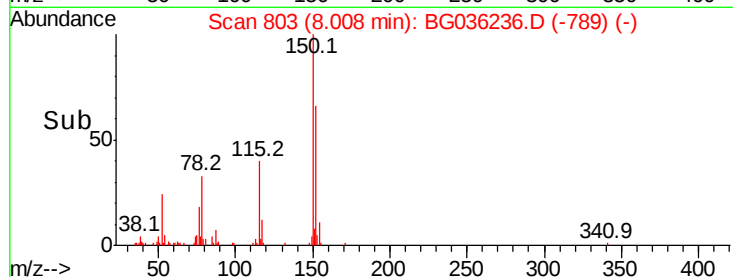
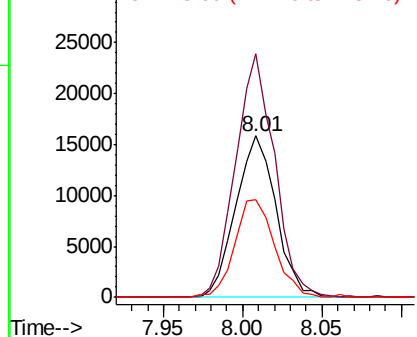
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036236.D
Acq: 9 Aug 2018 16:58

Instrument :
BNA_G
ClientSampleId :
PB111891BL

Tot Ion:152 Resp: 27840
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 60.9 53.0 79.4



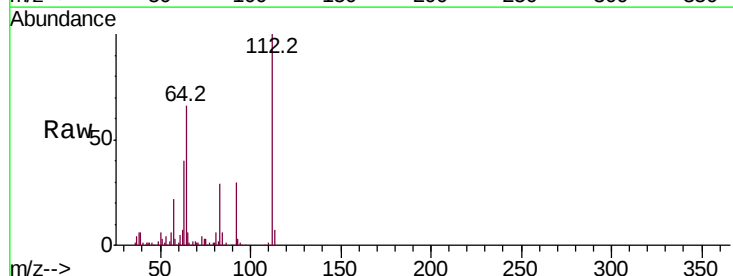
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



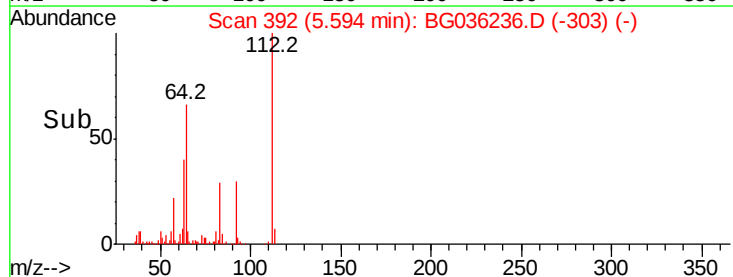
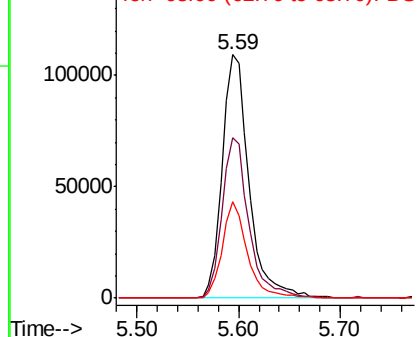
#5

2-Fluorophenol
Concen: 119.919 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036236.D
Acq: 9 Aug 2018 16:58

Tgt Ion:112 Resp: 201089
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 39.6 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: 116.116 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036236.D

Acq: 9 Aug 2018 16:58

Instrument :

BNA_G

ClientSampleId :

PB111891BL

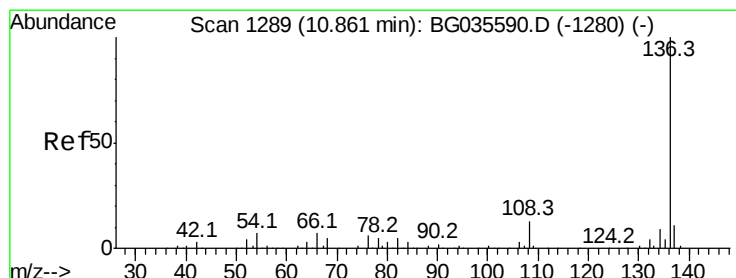
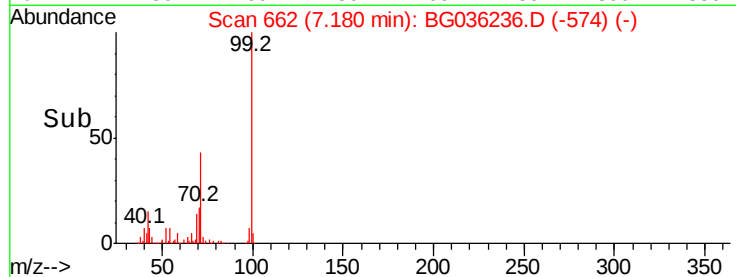
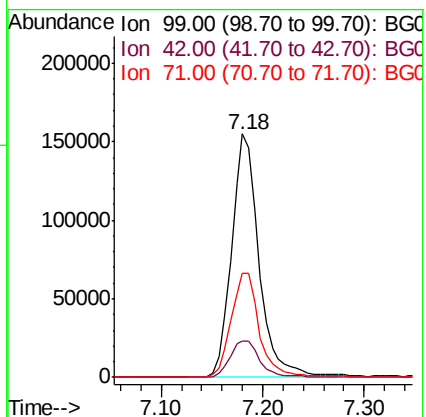
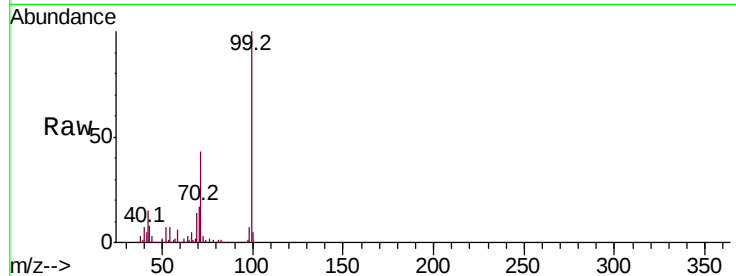
Tot Ion: 99 Resp: 290508

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 42.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036236.D

Acq: 9 Aug 2018 16:58

Tgt Ion:136 Resp: 99912

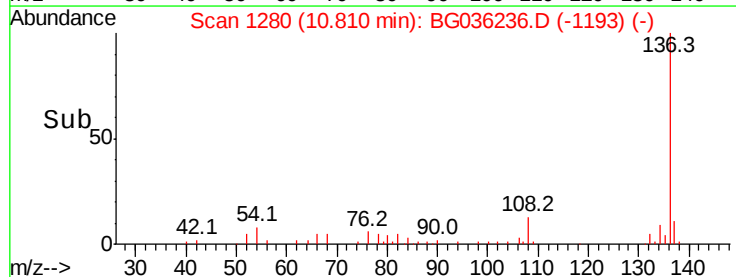
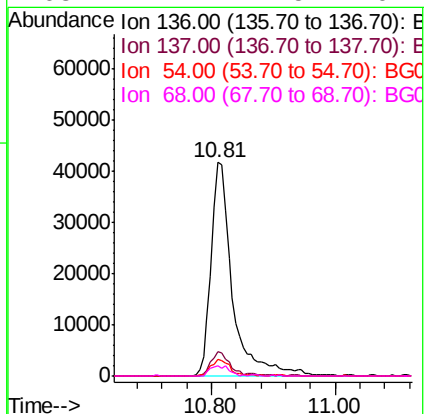
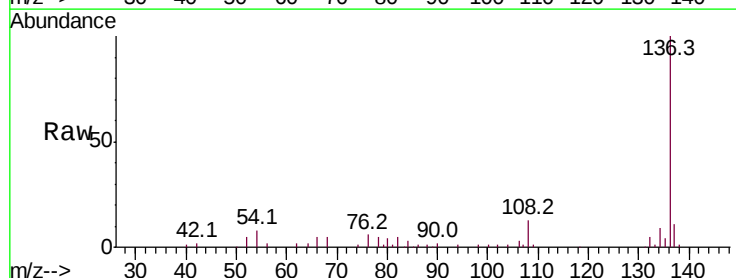
Ion Ratio Lower Upper

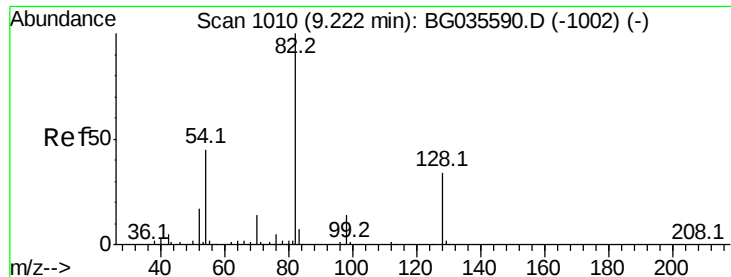
136 100

137 11.1 9.2 13.8

54 7.8 10.3 15.5#

68 4.7 4.5 6.7

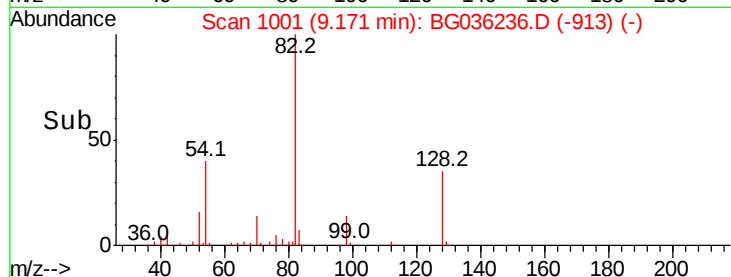
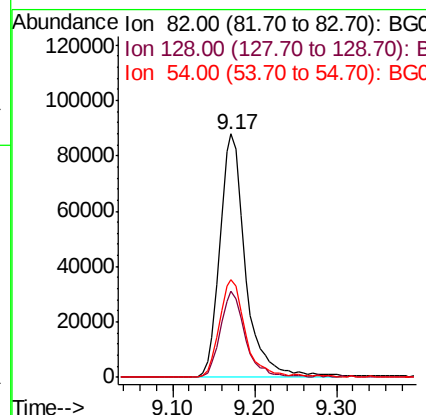
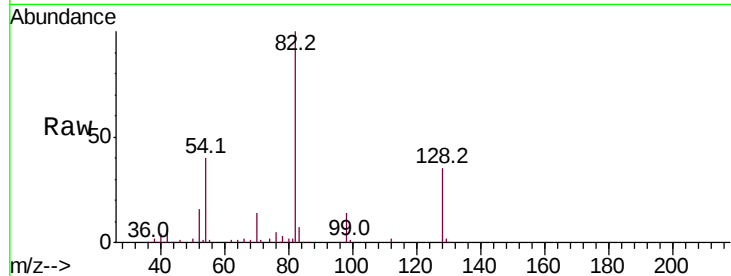




#23
 Nitrobenzene-d5
 Concen: 80.450 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

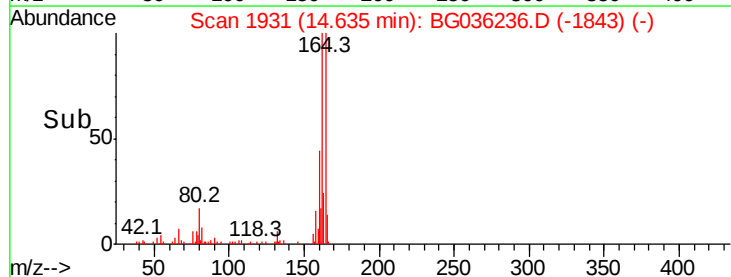
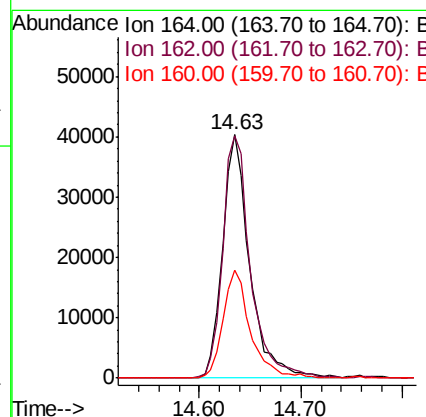
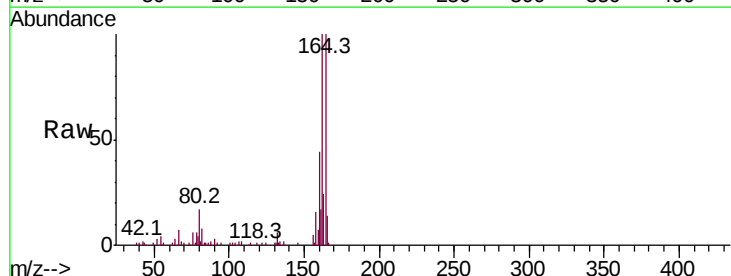
Instrument :
 BNA_G
 ClientSampleId :
 PB111891BL

Tot Ion: 82 Resp: 192410
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 40.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

Tgt Ion:164 Resp: 74794
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.8 118.2
 160 44.2 35.4 53.0

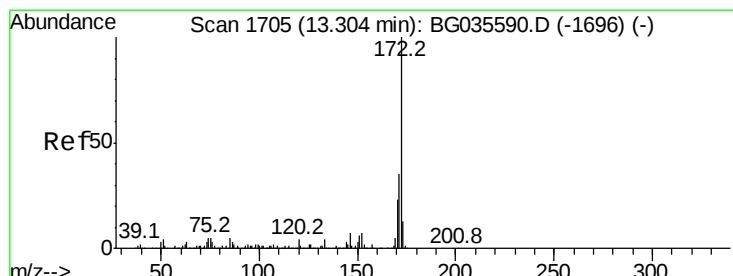
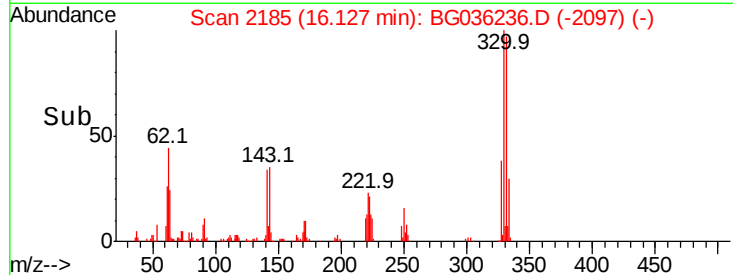
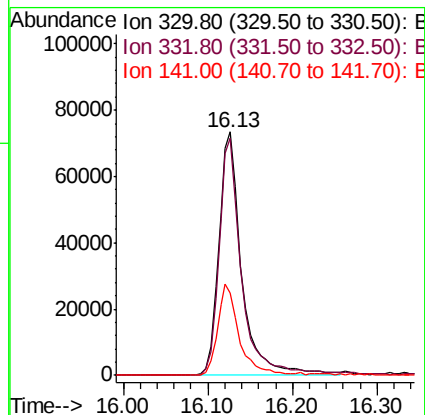
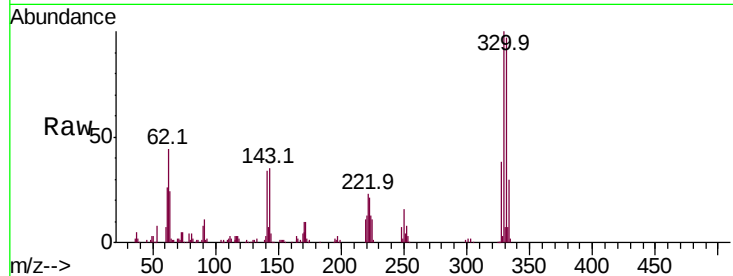




#41
 2,4,6-Tribromophenol
 Concen: 141.379 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

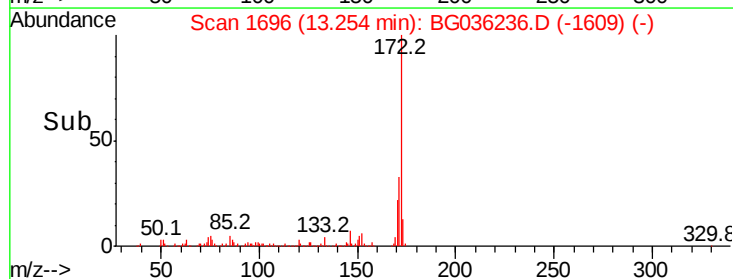
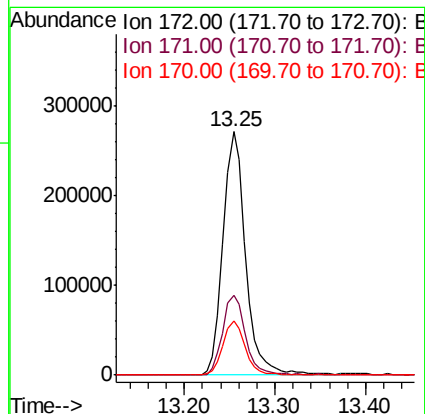
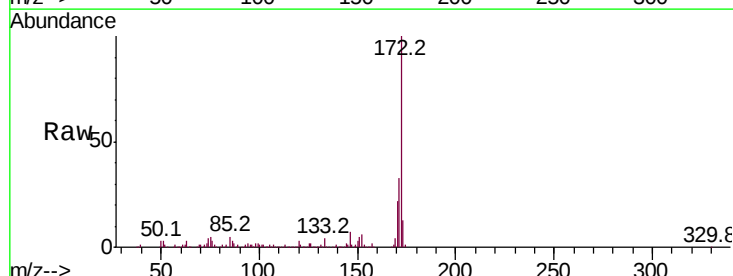
Instrument :
 BNA_G
 ClientSampleId :
 PB111891BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 84.131 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.0	45.0
170	22.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036236.D

Acq: 9 Aug 2018 16:58

Instrument :

BNA_G

ClientSampled :

PB111891BL

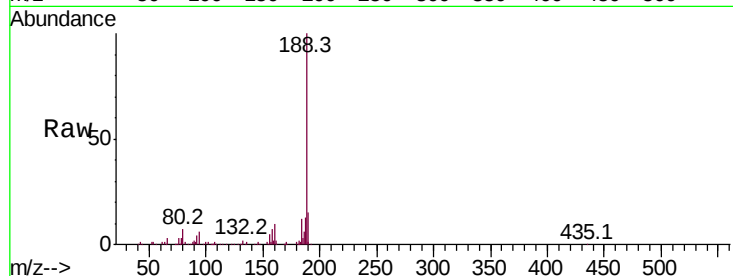
Tot Ion:188 Resp: 203575

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

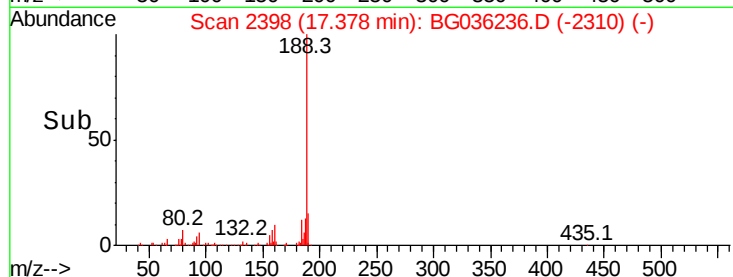
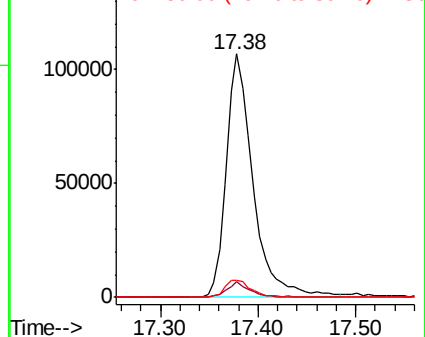
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036236.D

Acq: 9 Aug 2018 16:58

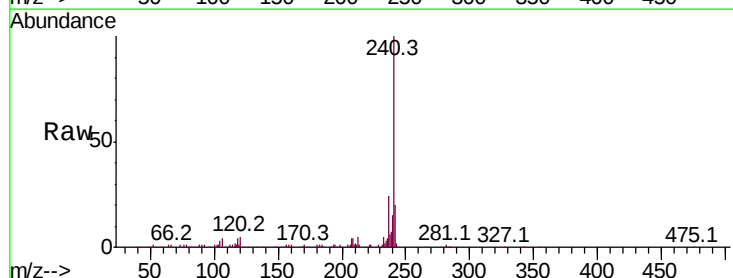
Tgt Ion:240 Resp: 219732

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

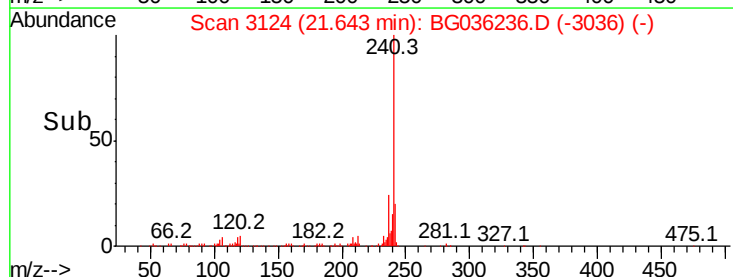
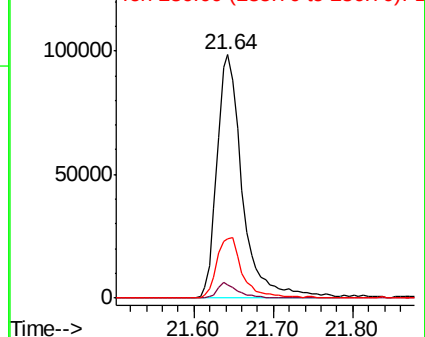
236 24.5 20.9 31.3

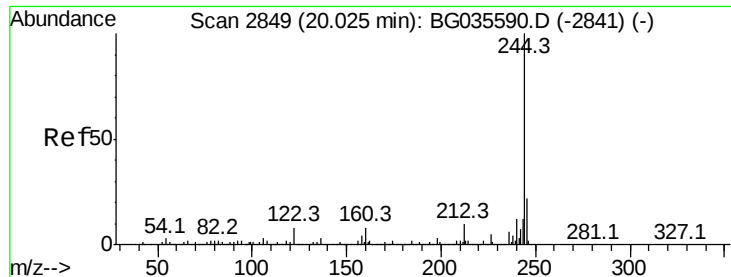


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

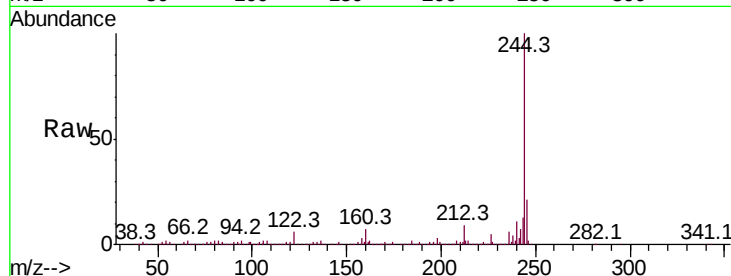




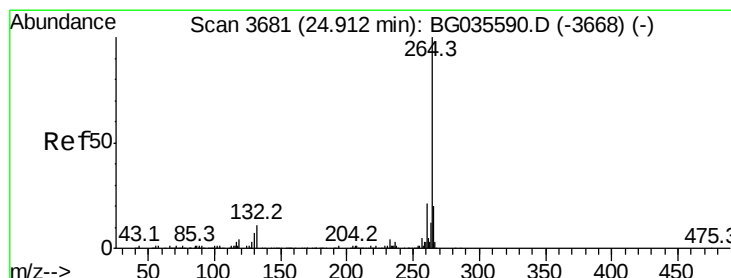
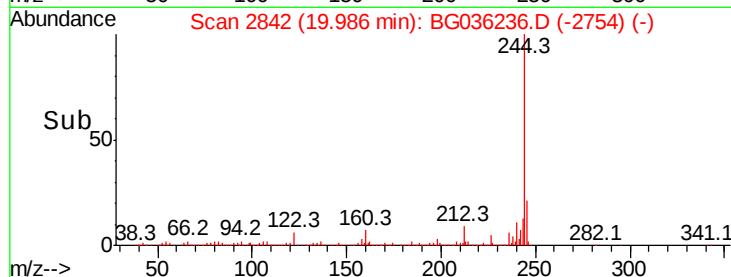
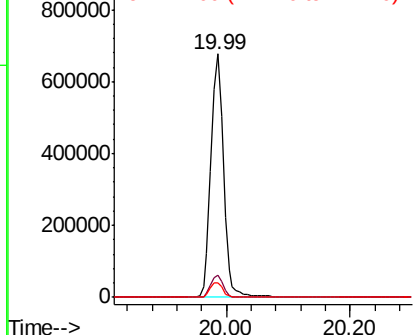
#78
 Terphenyl-d14
 Concen: 95.460 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BL

Tot Ion:244 Resp: 951575
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.2 7.0 10.4#

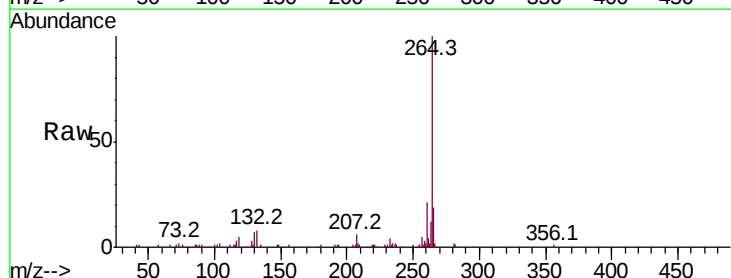


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036236.D
 Acq: 9 Aug 2018 16:58

Tgt Ion:264 Resp: 200462
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.4 26.0
 265 19.5 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

