

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036186.D
 Acq On : 8 Aug 2018 7:29
 Operator : JU/SJ
 Sample : PB111739TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111739TB

Quant Time: Aug 08 08:45:36 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	26904	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	88526	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68181	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	200357	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	226853	20.00	ng	-0.02
86) Perylene-d12	24.83	264	198876	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	240870	148.64	ng	-0.01
7) Phenol-d6	7.18	99	341304	141.17	ng	-0.02
23) Nitrobenzene-d5	9.17	82	223489	105.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	162591	180.92	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	525252	103.21	ng	-0.02
78) Terphenyl-d14	19.99	244	1110512	107.91	ng	-0.02

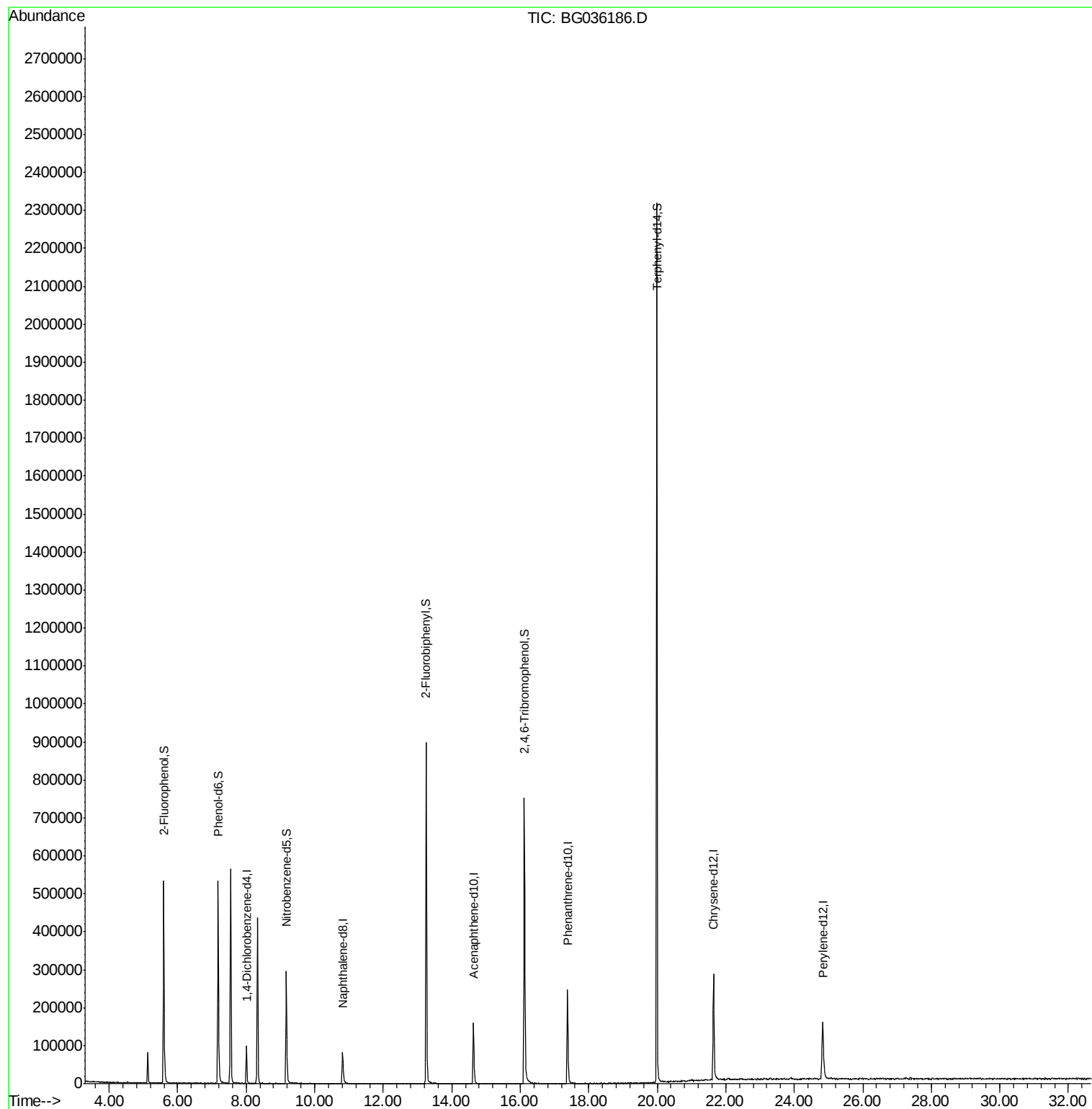
Target Compounds Qvalue

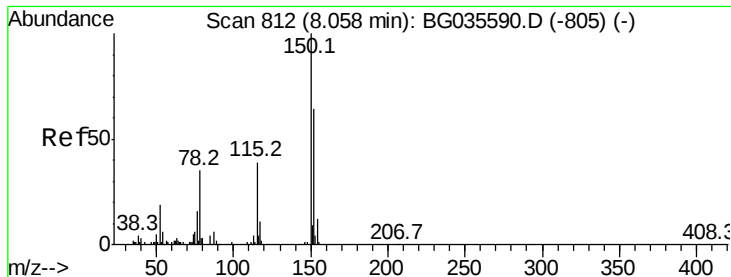
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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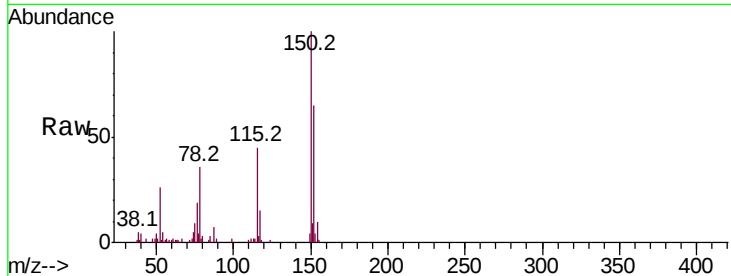


#1

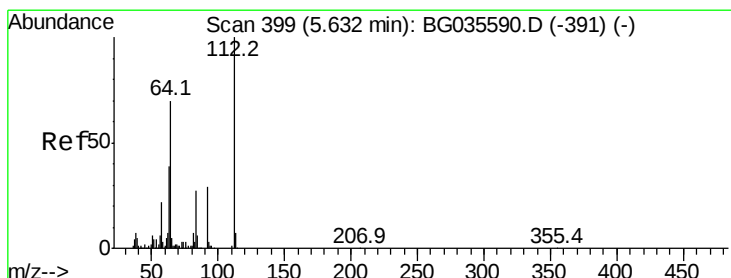
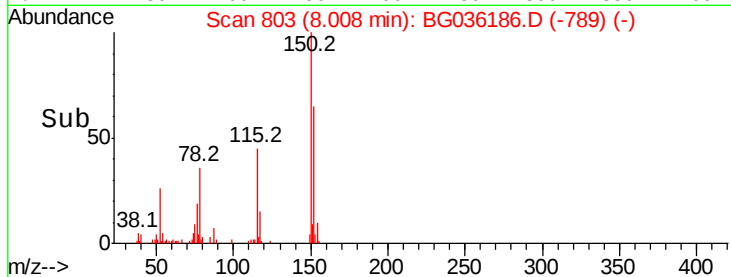
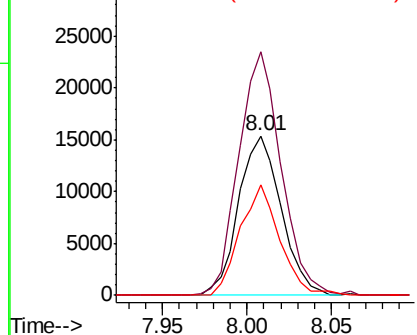
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036186.D
Acq: 8 Aug 2018 7:29

Instrument :
BNA_G
ClientSampleId :
PB111739TB

Tot Ion:152 Resp: 26904
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 69.2 53.0 79.4



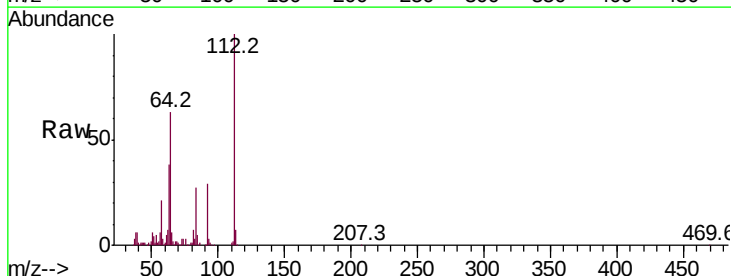
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



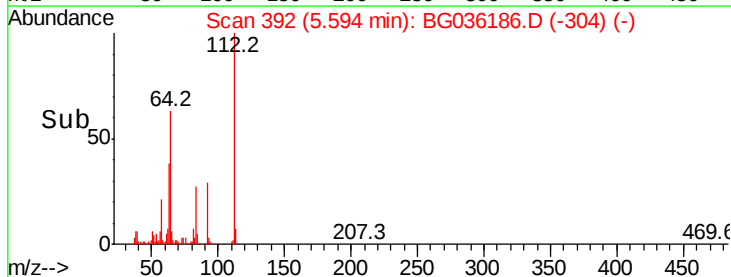
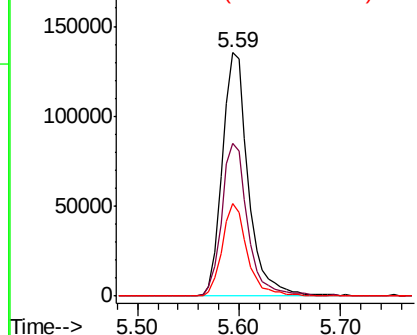
#5

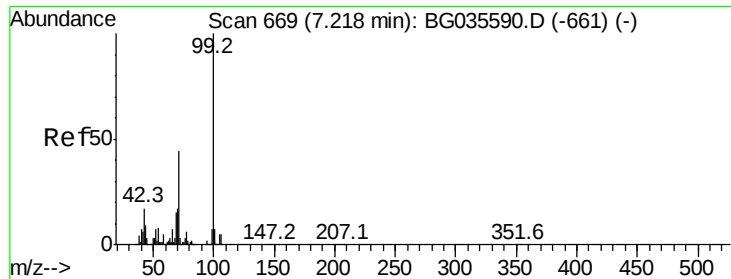
2-Fluorophenol
Concen: 148.640 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036186.D
Acq: 8 Aug 2018 7:29

Tgt Ion:112 Resp: 240870
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 38.0 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: 141.166 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036186.D

Acq: 8 Aug 2018 7:29

Instrument :

BNA_G

ClientSampleId :

PB111739TB

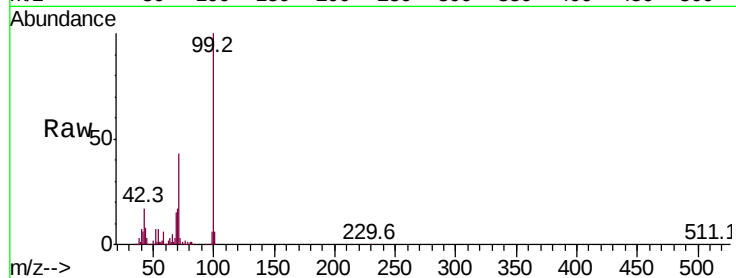
Tot Ion: 99 Resp: 341304

Ion Ratio Lower Upper

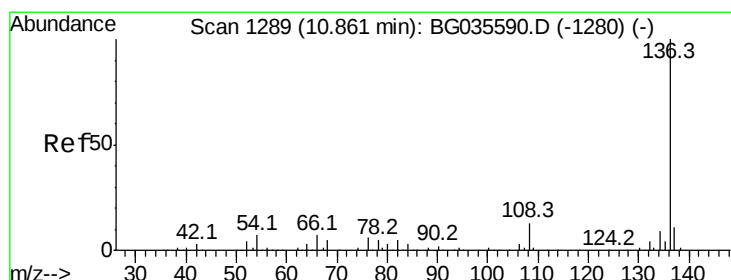
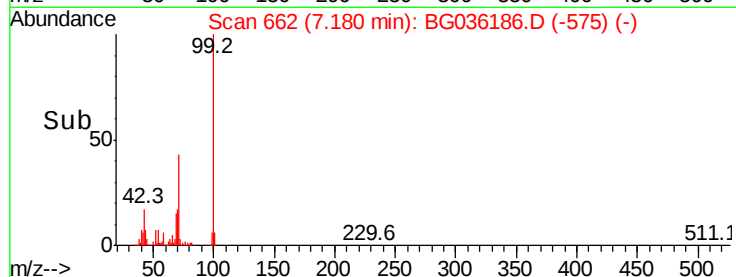
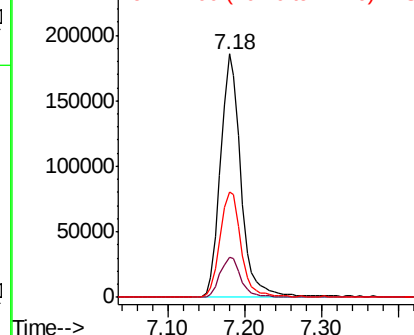
99 100

42 16.6 14.1 21.1

71 43.5 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# 1281

Delta R.T. -0.02 min

Lab File: BG036186.D

Acq: 8 Aug 2018 7:29

Tgt Ion: 136 Resp: 88526

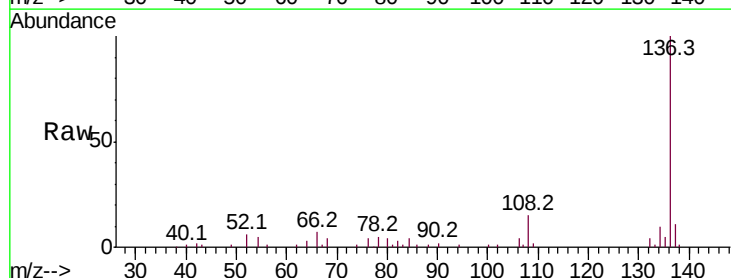
Ion Ratio Lower Upper

136 100

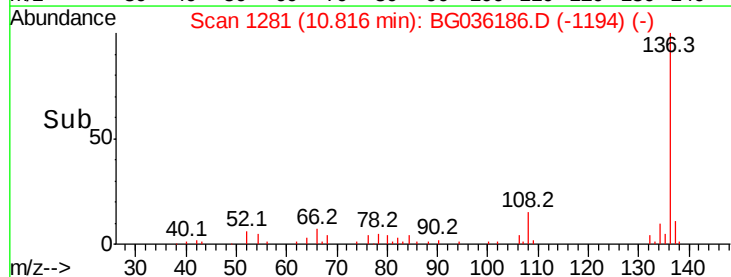
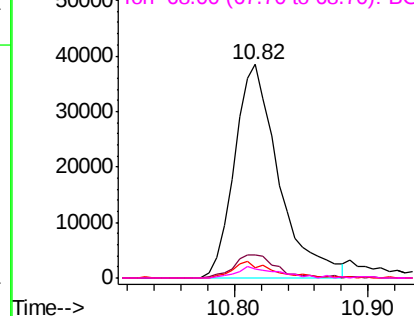
137 11.1 9.2 13.8

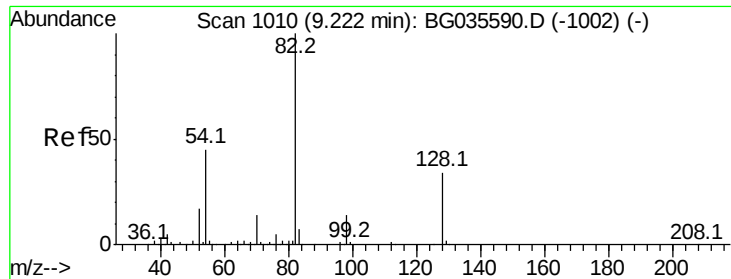
54 4.7 10.3 15.5#

68 3.9 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

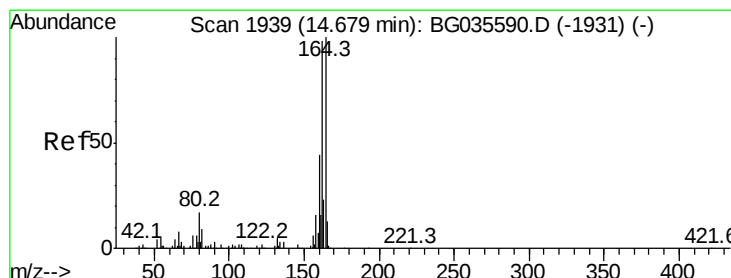
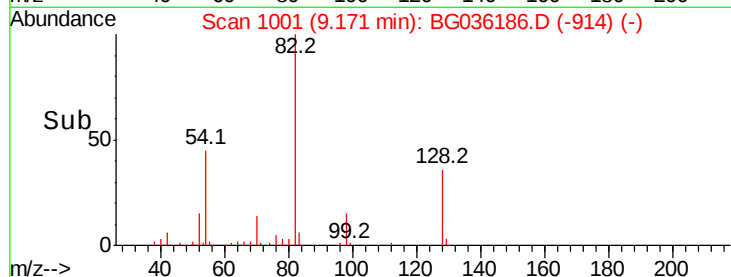
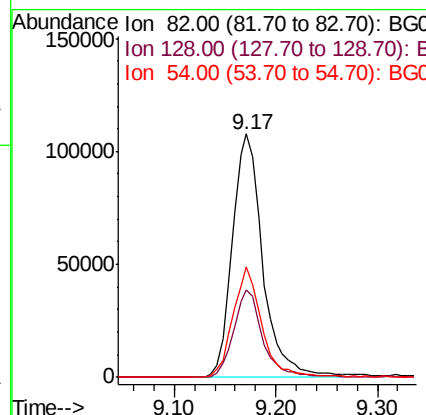
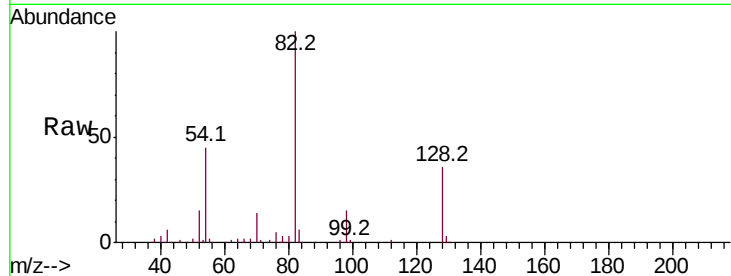




#23
 Nitrobenzene-d5
 Concen: 105.463 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036186.D
 Acq: 8 Aug 2018 7:29

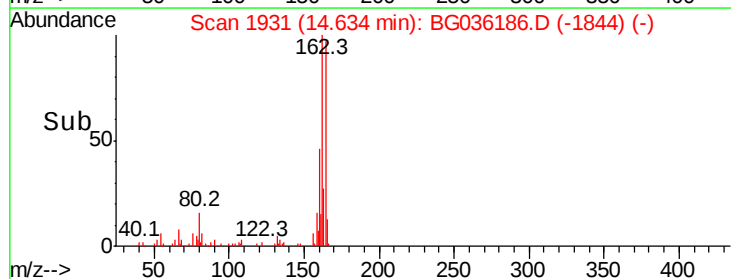
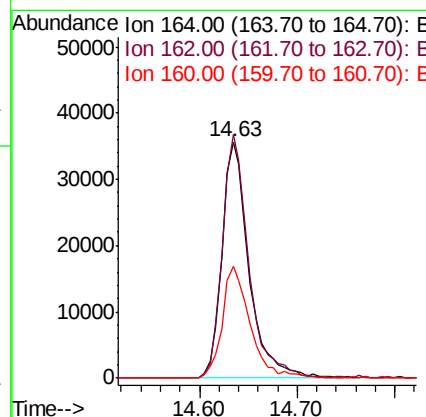
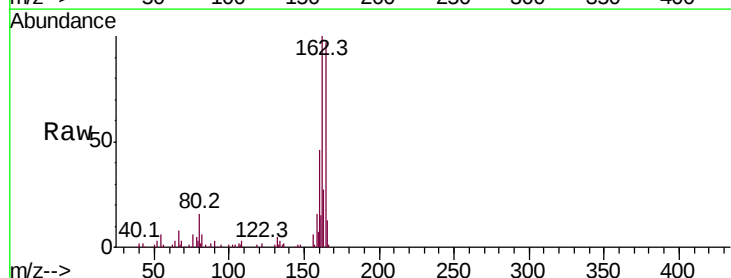
Instrument :
 BNA_G
 ClientSampleId :
 PB111739TB

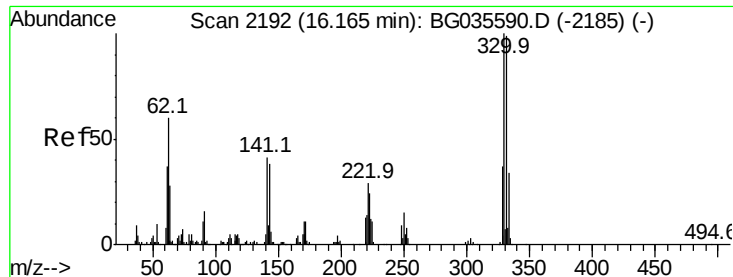
Tot Ion	82	Resp	223489
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	45.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036186.D
 Acq: 8 Aug 2018 7:29

Tgt Ion	164	Resp	68181
Ion Ratio	Lower	Upper	
164	100		
162	103.1	78.8	118.2
160	47.2	35.4	53.0

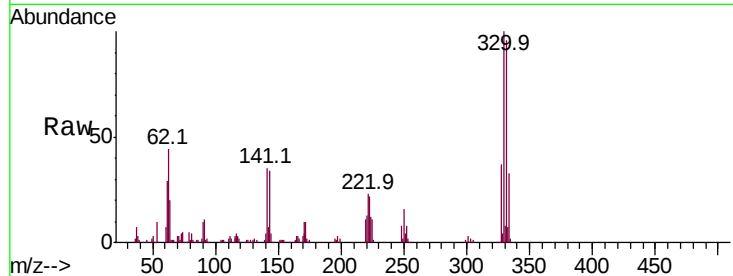




#41
 2,4,6-Tribromophenol
 Concen: 180.924 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036186.D
 Acq: 8 Aug 2018 7:29

Instrument :
 BNA_G
 ClientSampleId :
 PB111739TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.5	25.2	37.8

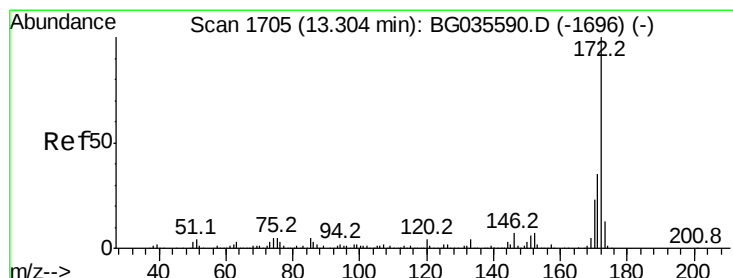
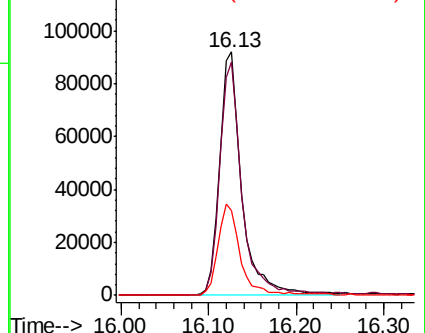
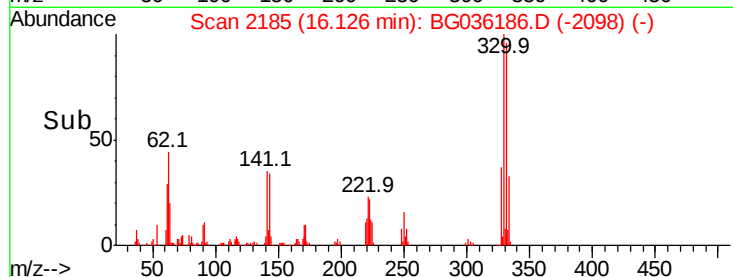


Abundance

Ion 329.80 (329.50 to 330.50): E

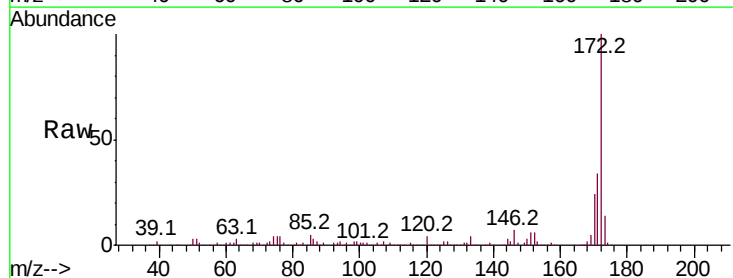
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.211 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036186.D
 Acq: 8 Aug 2018 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.7	19.5	29.3

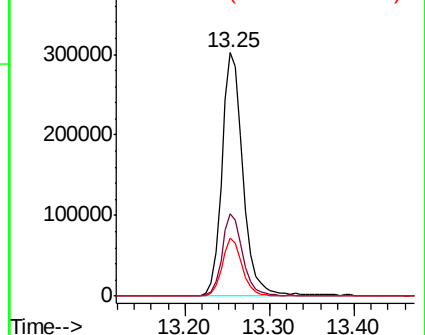
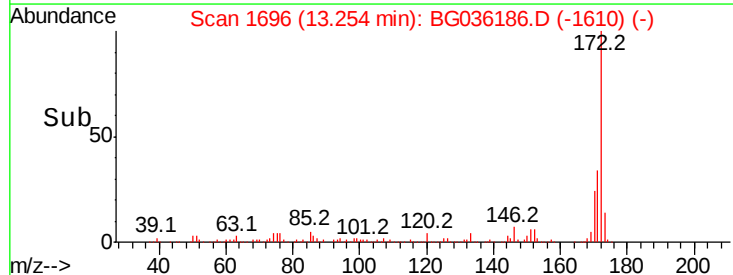


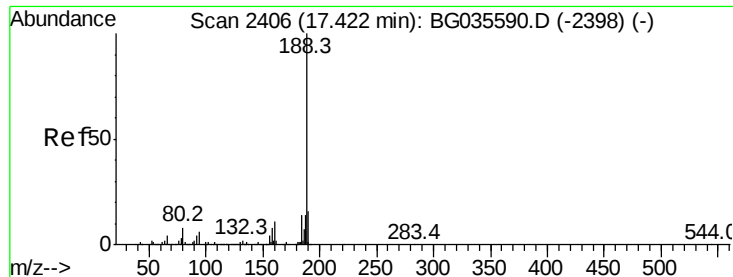
Abundance

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# 2398

Delta R.T. -0.02 min

Lab File: BG036186.D

Acq: 8 Aug 2018 7:29

Instrument :

BNA_G

ClientSampleId :

PB111739TB

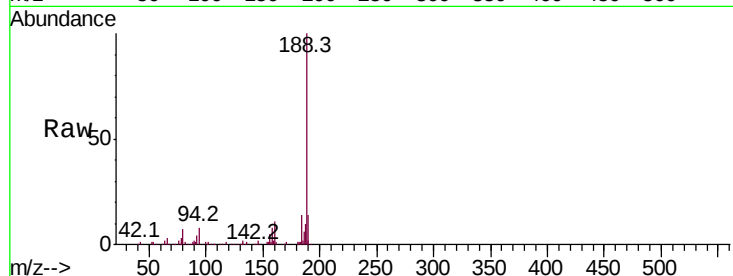
Tot Ion:188 Resp: 200357

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

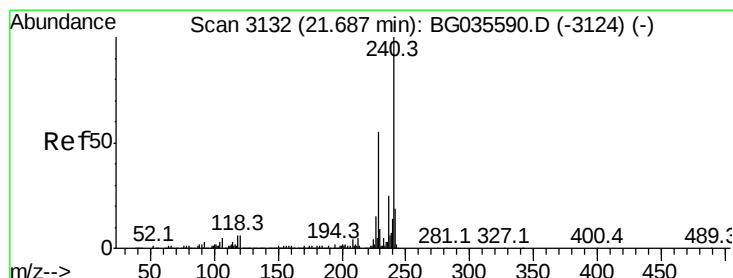
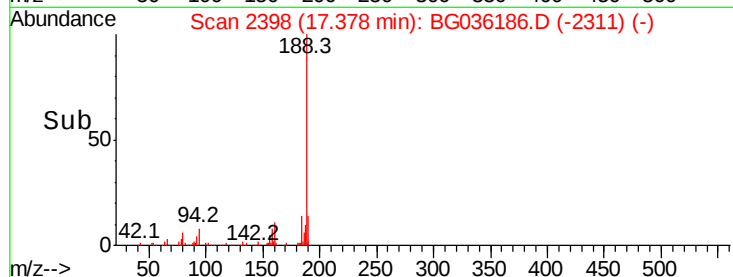
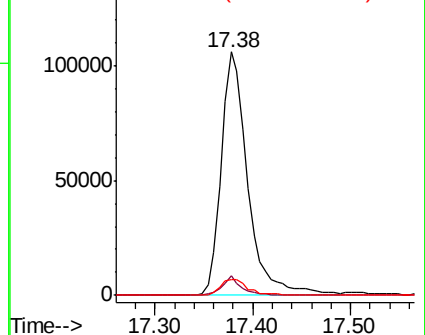
80 6.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036186.D

Acq: 8 Aug 2018 7:29

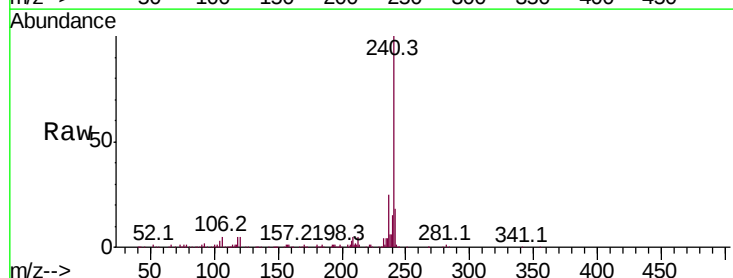
Tgt Ion:240 Resp: 226853

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

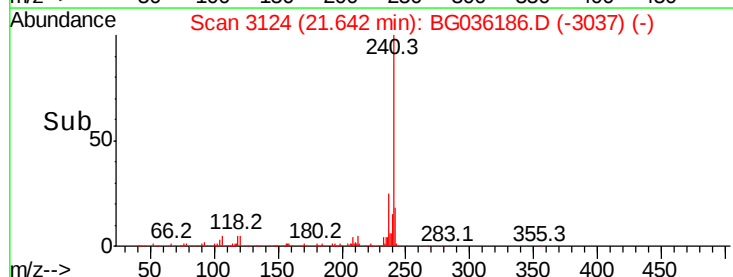
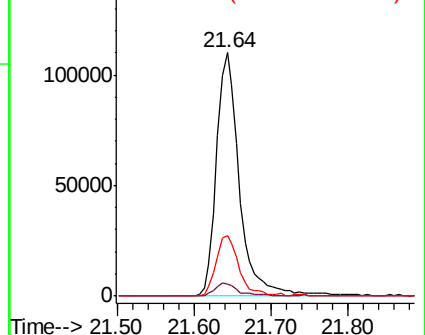
236 25.0 20.9 31.3

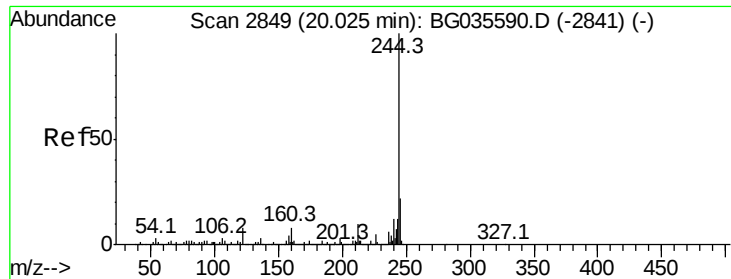


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



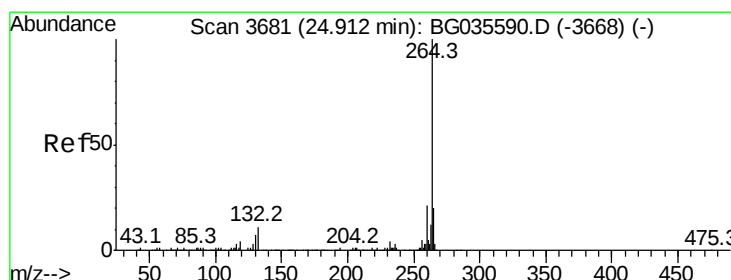
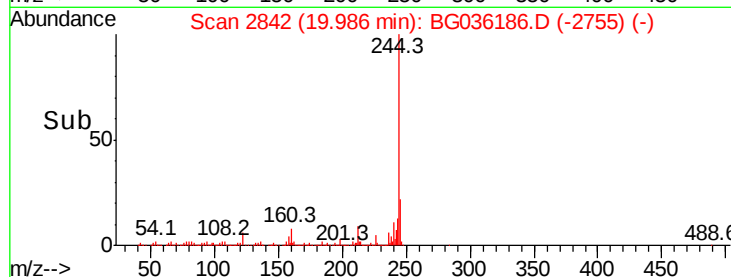
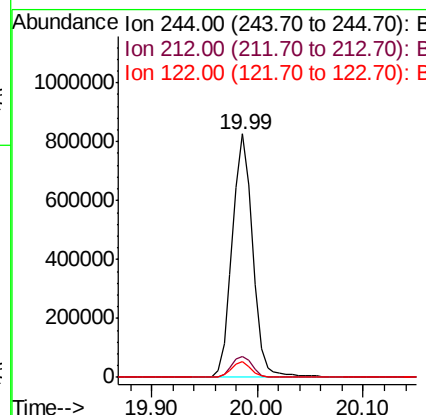
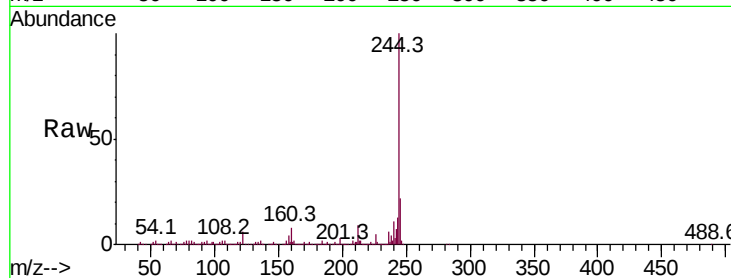


#78
 Terphenyl-d14
 Concen: 107.907 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036186.D
 Acq: 8 Aug 2018 7:29

Instrument :
 BNA_G
 ClientSampleID :
 PB111739TB

Tot Ion:244 Resp: 1110512

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.4	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: BG036186.D
 Acq: 8 Aug 2018 7:29

Tgt Ion:264 Resp: 198876

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	19.7	17.7	26.5

