

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036221.D
 Acq On : 9 Aug 2018 7:12
 Operator : JU/SJ
 Sample : J4350-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080218-TIPC-E-U-M

Quant Time: Aug 09 09:00:21 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

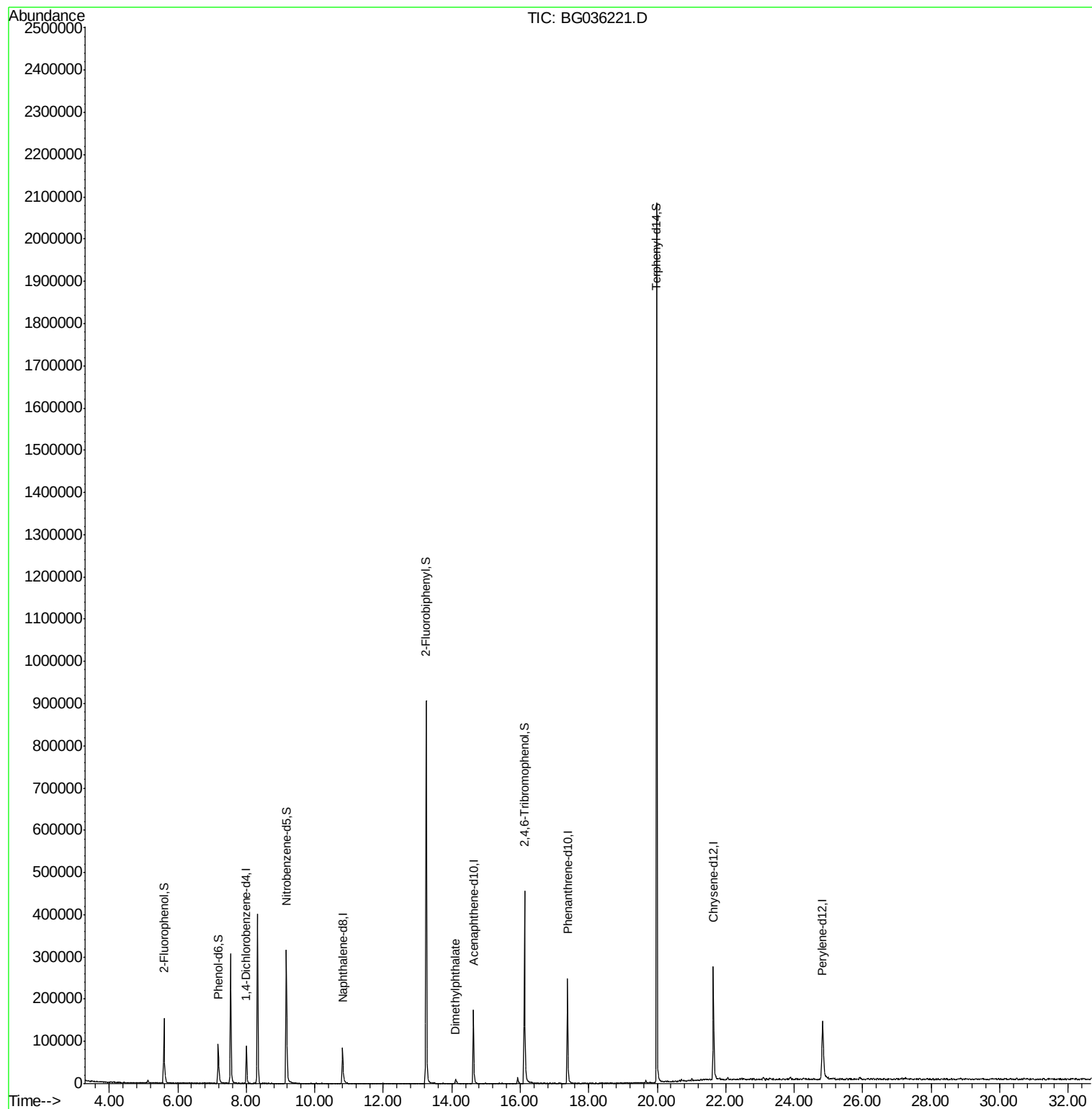
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27069	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	95727	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	67852	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	189713	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	207485	20.00	ng	-0.02
86) Perylene-d12	24.82	264	189893	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80791	49.55	ng	0.00
7) Phenol-d6	7.18	99	70065	28.80	ng	-0.02
23) Nitrobenzene-d5	9.17	82	240690	105.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	103970	116.25	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	540691	106.76	ng	-0.02
78) Terphenyl-d14	19.98	244	1024040	108.79	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	12826	2.158	ng	Qvalue # 90

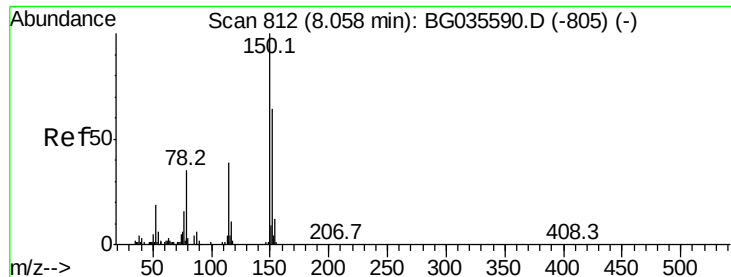
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036221.D

Acq: 9 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-U-M

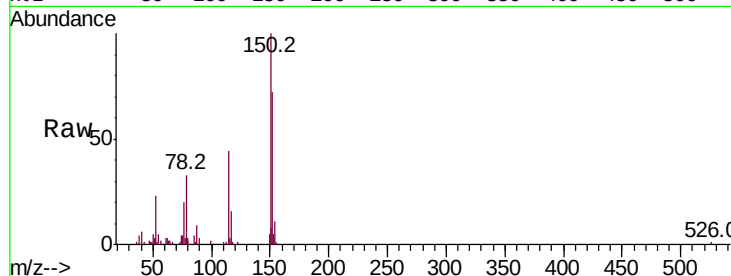
Tot Ion:152 Resp: 27069

Ion Ratio Lower Upper

152 100

150 139.6 126.6 189.8

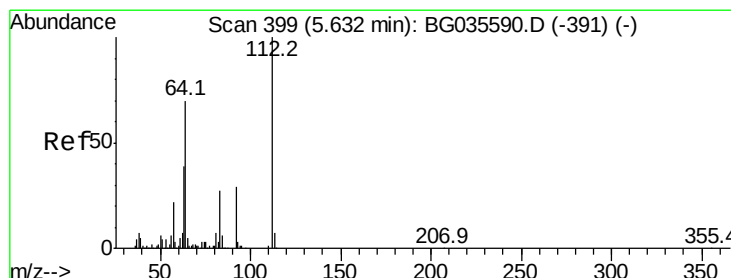
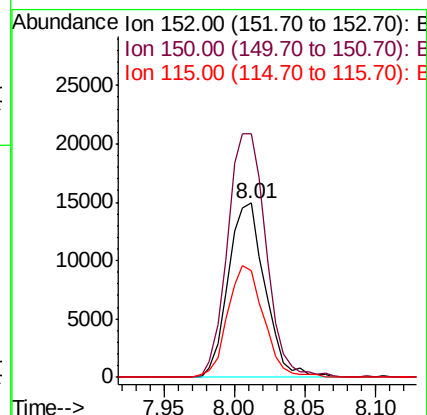
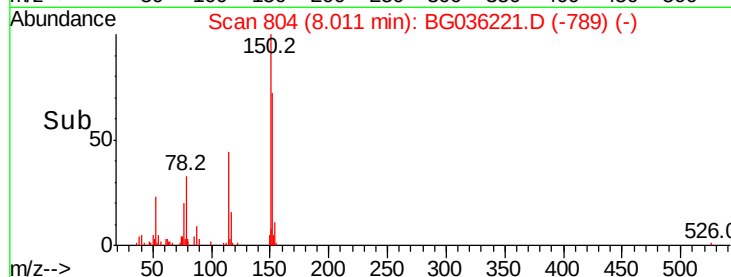
115 61.0 53.0 79.4



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: 49.552 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

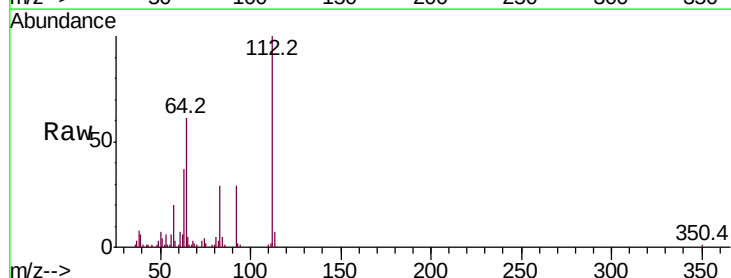
Tgt Ion:112 Resp: 80791

Ion Ratio Lower Upper

112 100

64 60.8 56.3 84.5

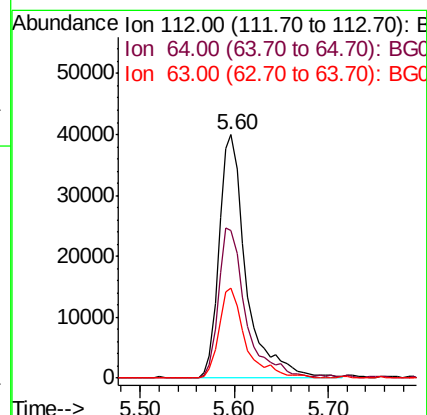
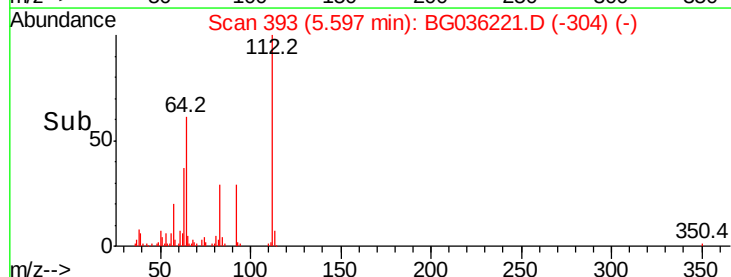
63 36.9 30.1 45.1

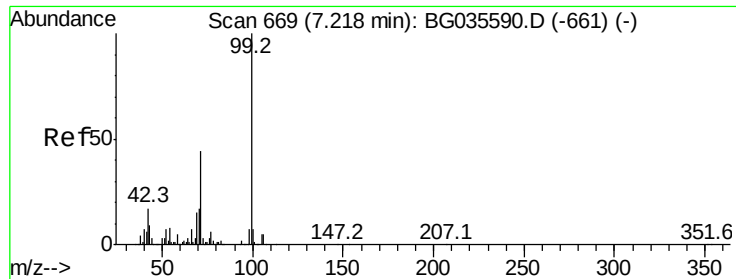


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.803 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-U-M

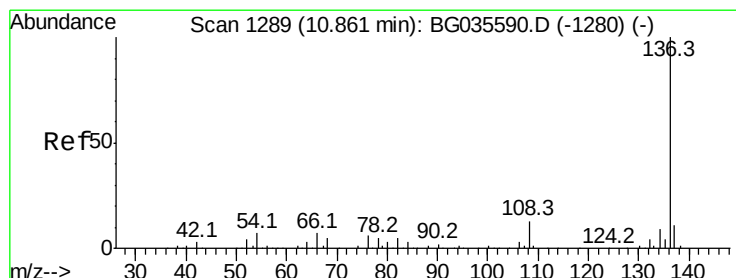
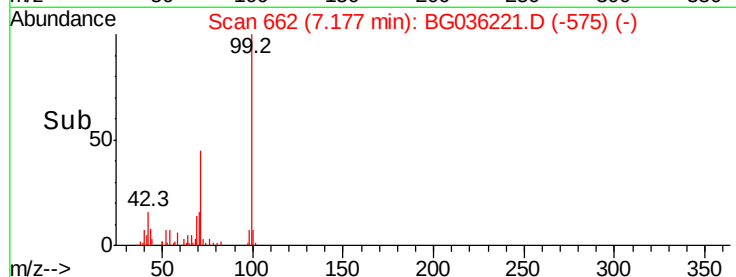
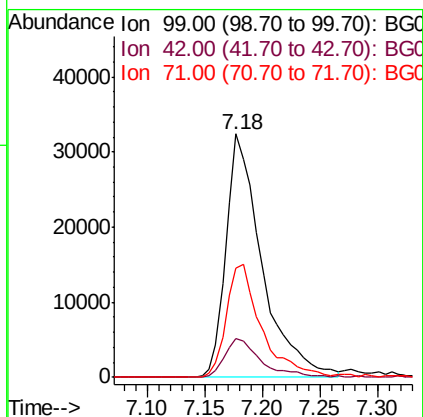
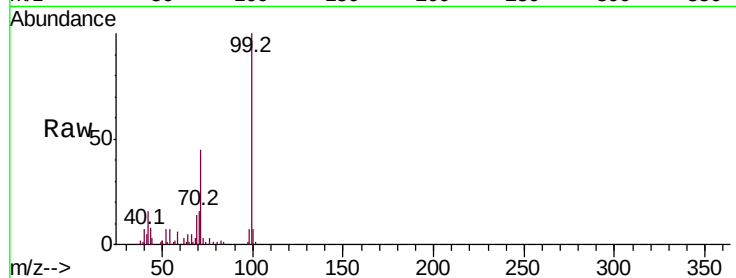
Tot Ion: 99 Resp: 70065

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 44.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

Tgt Ion: 136 Resp: 95727

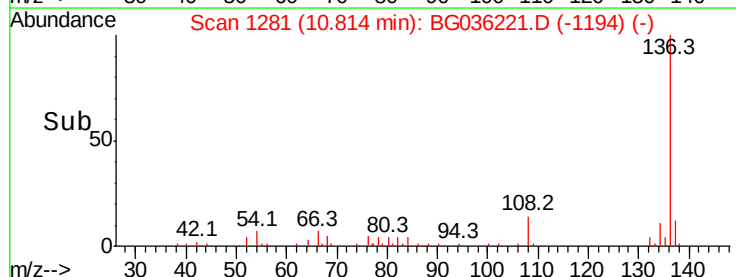
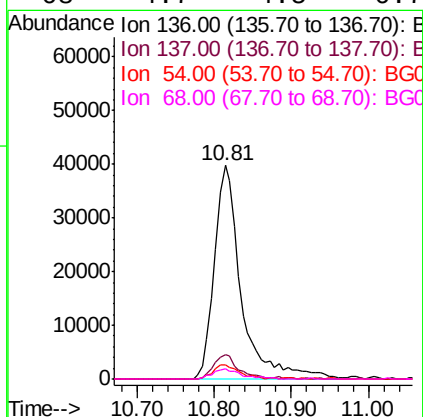
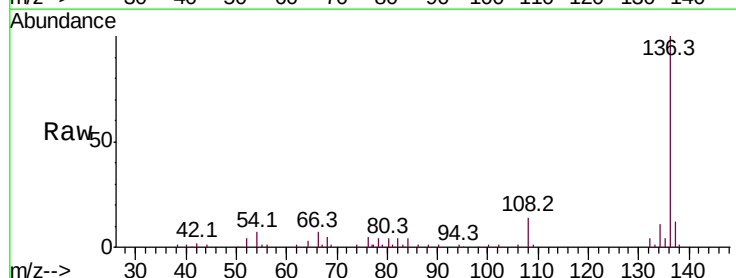
Ion Ratio Lower Upper

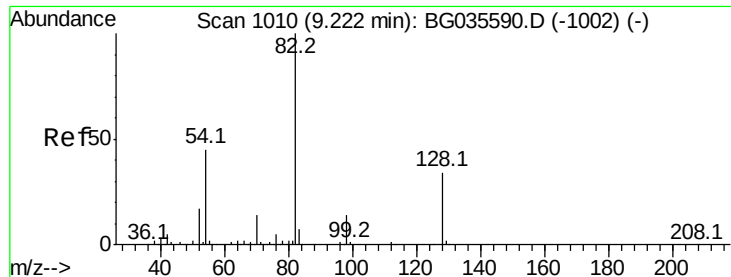
136 100

137 11.7 9.2 13.8

54 6.6 10.3 15.5#

68 4.7 4.5 6.7

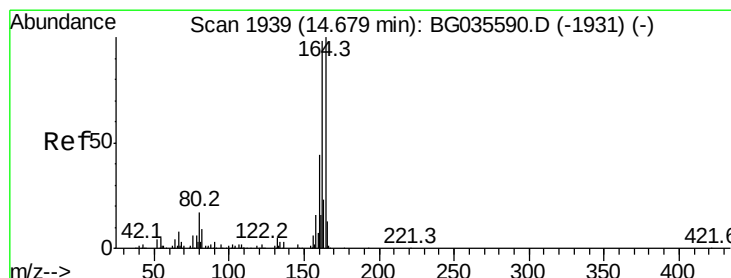
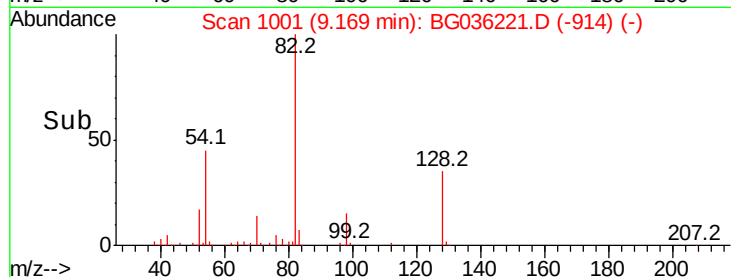
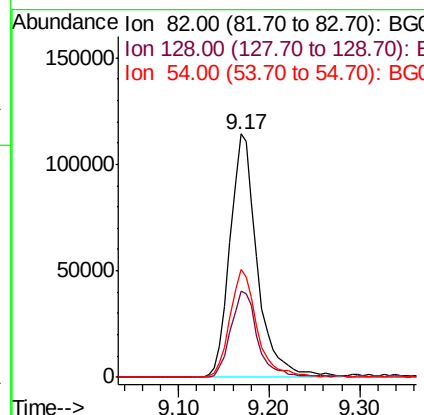
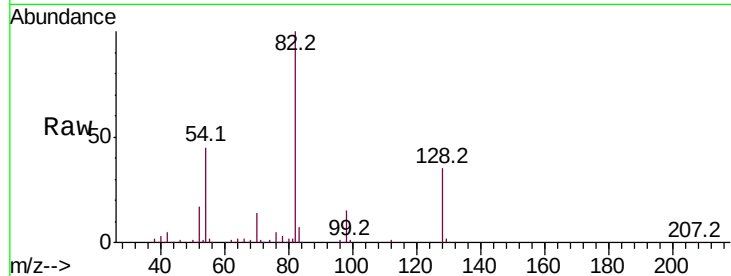




#23
 Nitrobenzene-d5
 Concen: 105.036 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036221.D
 Acq: 9 Aug 2018 7:12

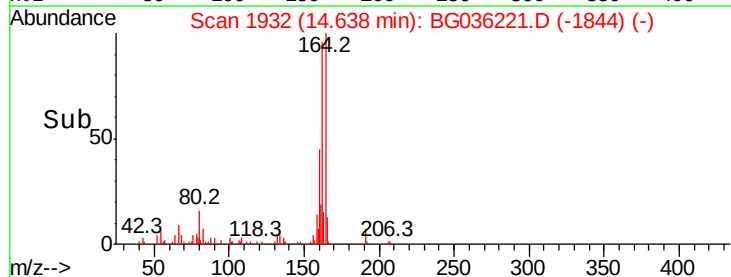
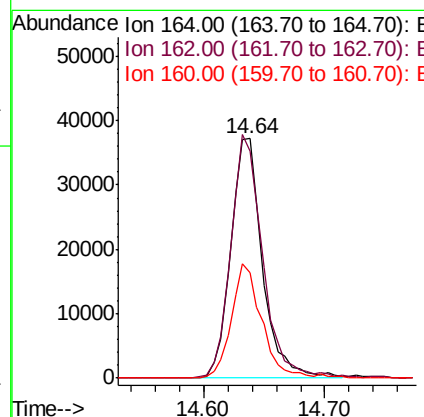
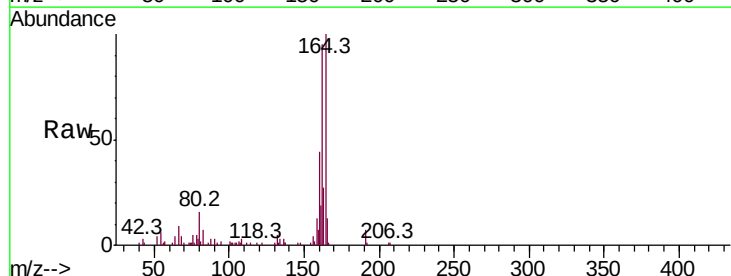
Instrument :
 BNA_G
 ClientSampleId :
 080218-TIPC-E-U-M

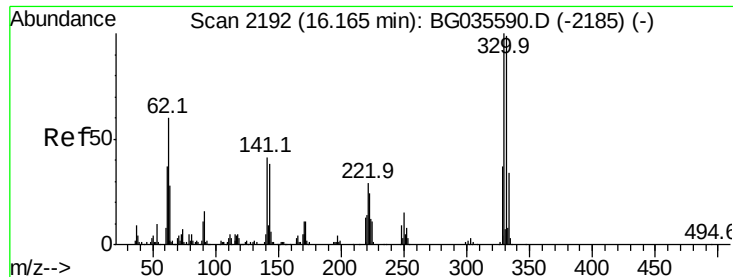
Tot Ion: 82 Resp: 240690
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 44.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036221.D
 Acq: 9 Aug 2018 7:12

Tgt Ion: 164 Resp: 67852
 Ion Ratio Lower Upper
 164 100
 162 94.9 78.8 118.2
 160 44.1 35.4 53.0

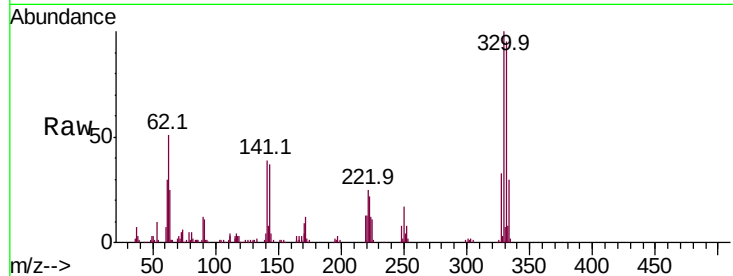




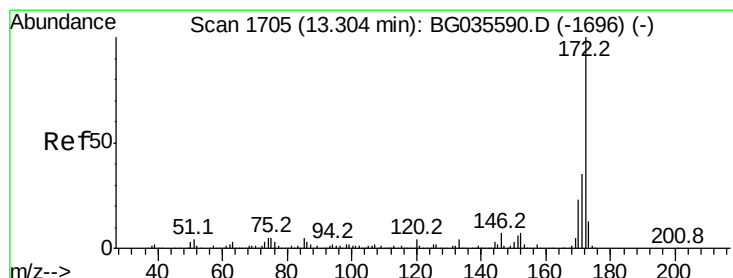
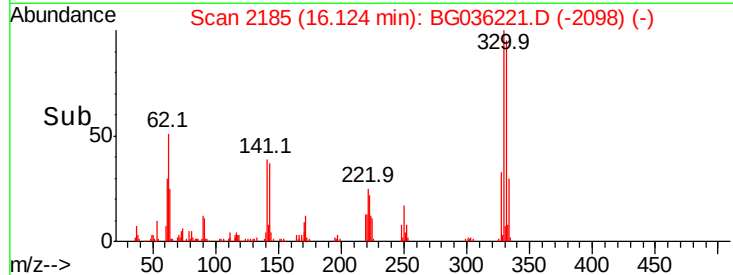
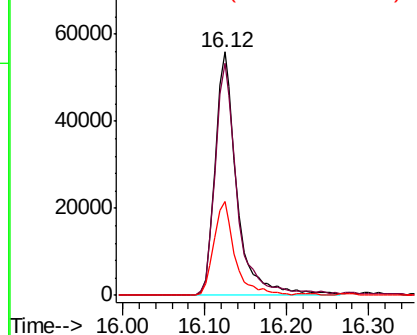
#41
2,4,6-Tribromophenol
Concen: 116.254 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	37.4	25.2	37.8

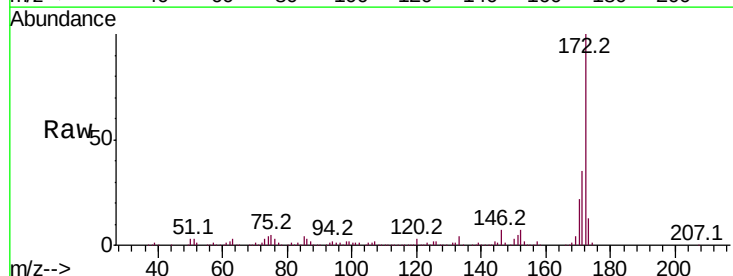


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

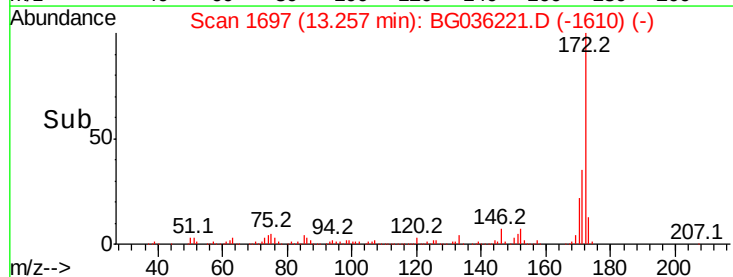
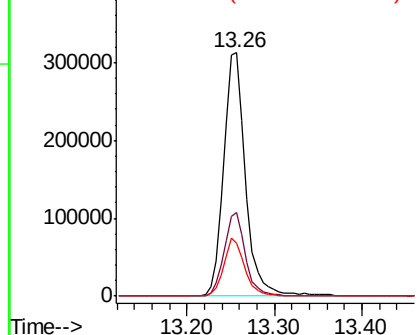


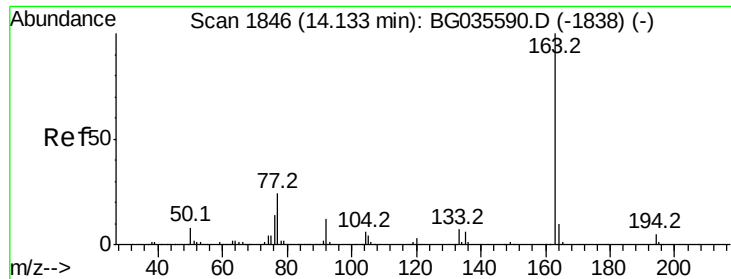
#44
2-Fluorobiphenyl
Concen: 106.760 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.0	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





#49

Dimethylphthalate

Concen: 2.158 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-U-M

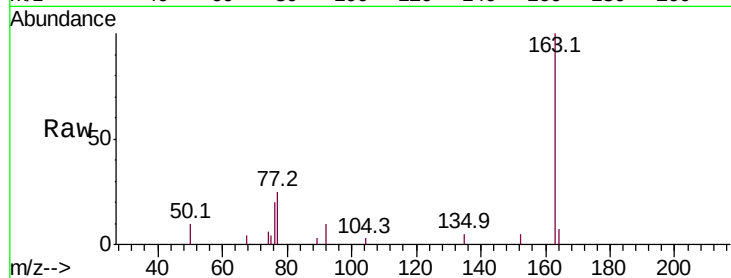
Tot Ion:163 Resp: 12826

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

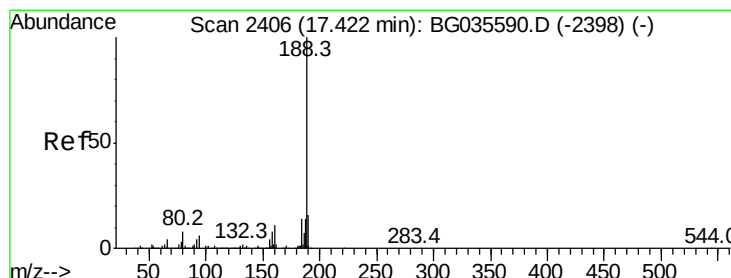
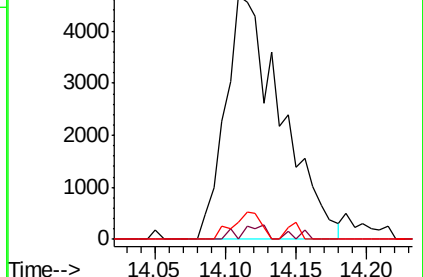
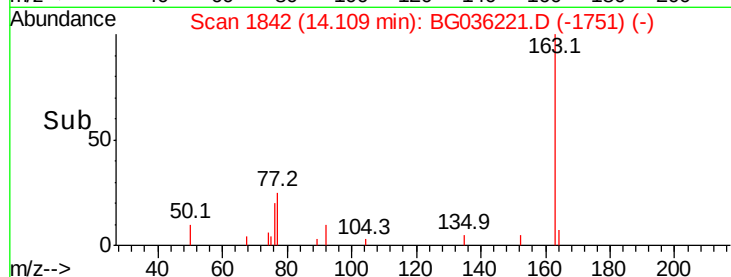
164 7.3 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

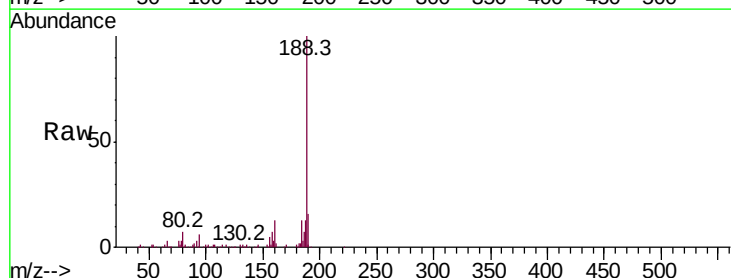
Tgt Ion:188 Resp: 189713

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

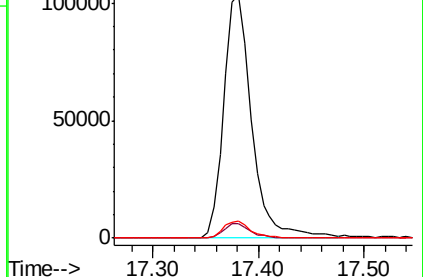
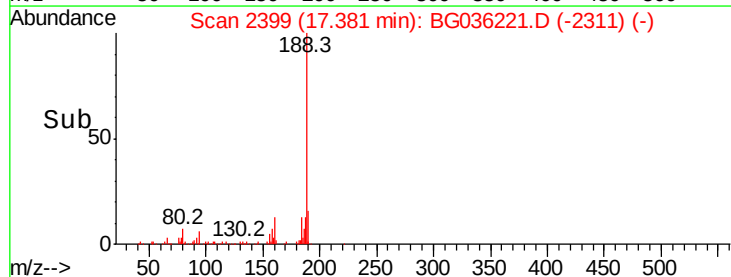
80 7.0 7.7 11.5#

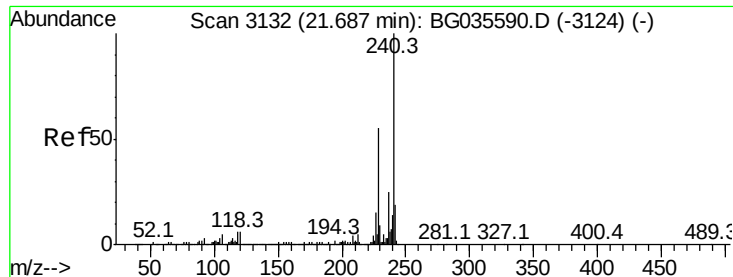


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG036221.D

Acq: 9 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-U-M

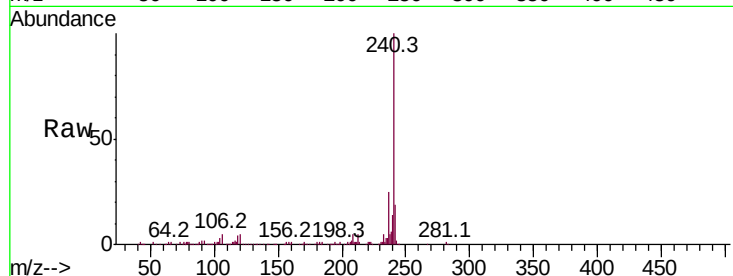
Tot Ion:240 Resp: 207485

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

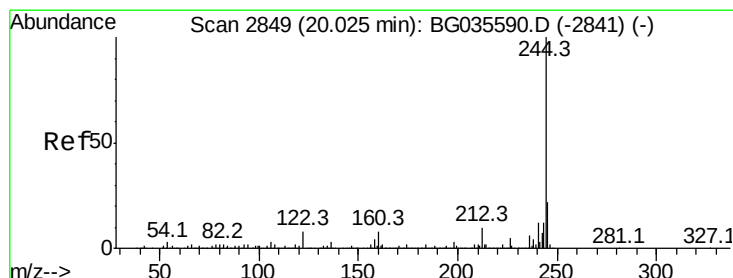
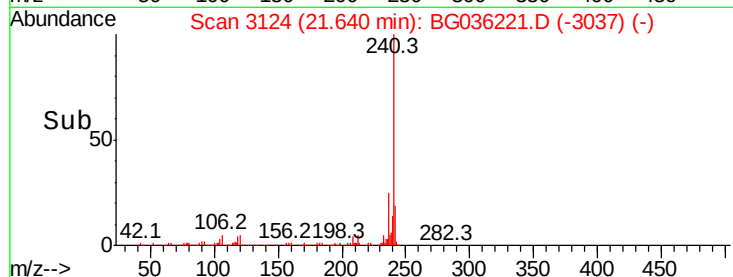
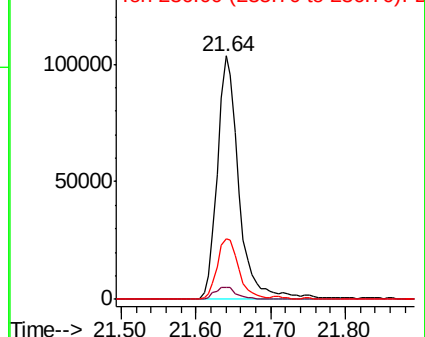
236 24.9 20.9 31.3



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: 108.793 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036221.D

Acq: 9 Aug 2018 7:12

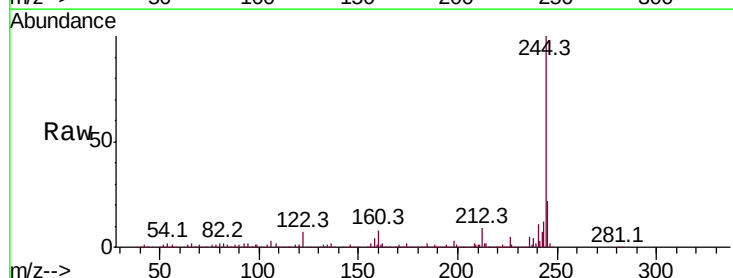
Tgt Ion:244 Resp: 1024040

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

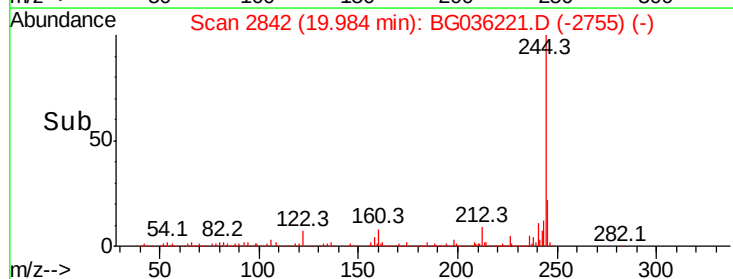
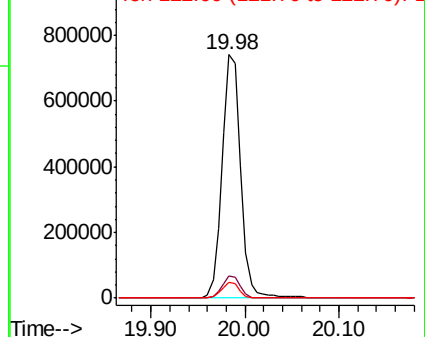
122 6.6 7.0 10.4#

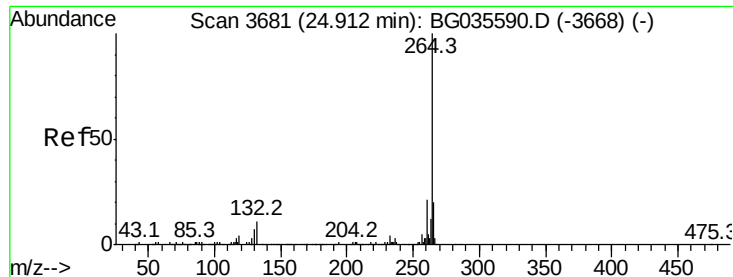


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036221.D
Acq: 9 Aug 2018 7:12

Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.5	17.4	26.0#
265	22.1	17.7	26.5

