

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036081.D
 Acq On : 3 Aug 2018 5:53
 Operator : JU/SJ
 Sample : J4285-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-5

Quant Time: Aug 03 07:56:17 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

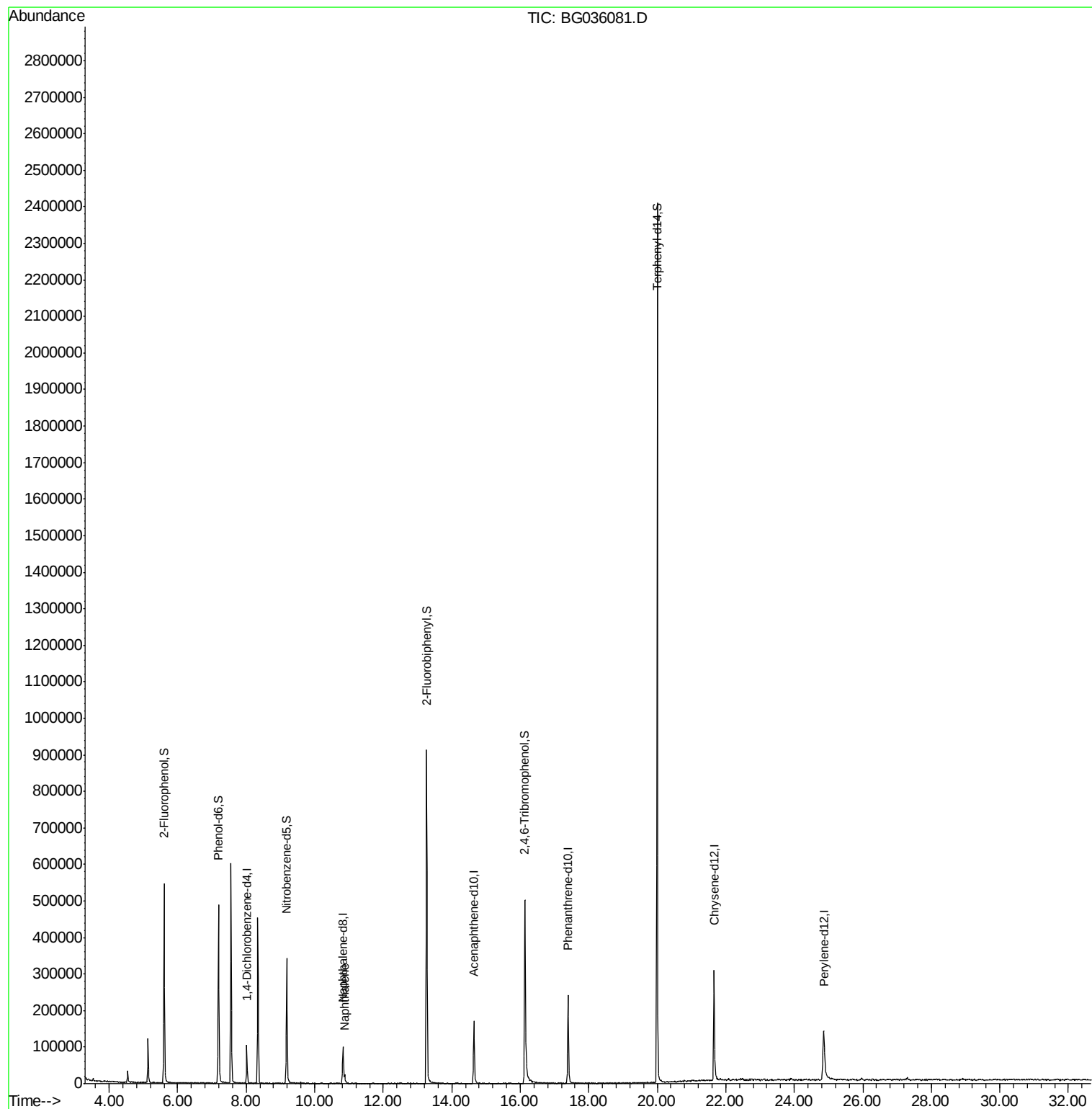
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28767	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	98506	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	70373	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	193493	20.00	ng	0.00
75) Chrysene-d12	21.65	240	241400	20.00	ng	0.00
86) Perylene-d12	24.86	264	209285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237660	137.16	ng	0.00
7) Phenol-d6	7.19	99	307758	119.05	ng	0.00
23) Nitrobenzene-d5	9.18	82	239518	101.58	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	132144	142.46	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	549564	104.62	ng	-0.01
78) Terphenyl-d14	20.00	244	1209909	110.48	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	17735	3.456	ng	Qvalue 99

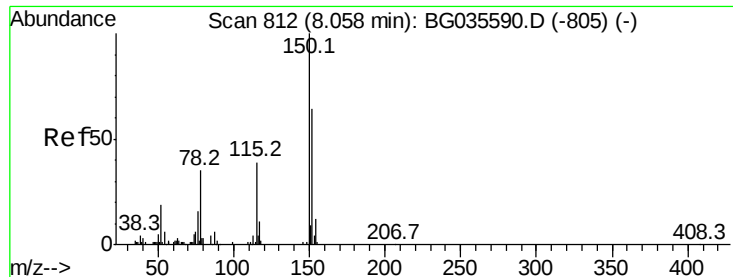
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Instrument :

BNA_G

ClientSampleId :

KG-PIT-5

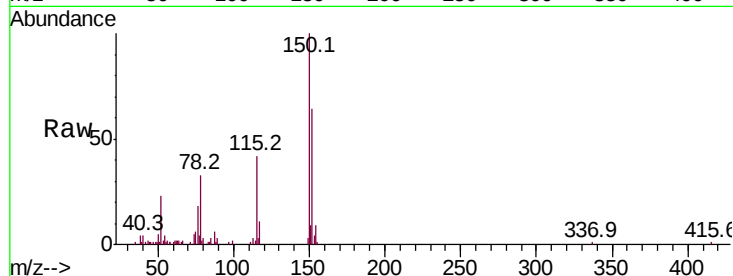
Tot Ion:152 Resp: 28767

Ion Ratio Lower Upper

152 100

150 156.2 126.6 189.8

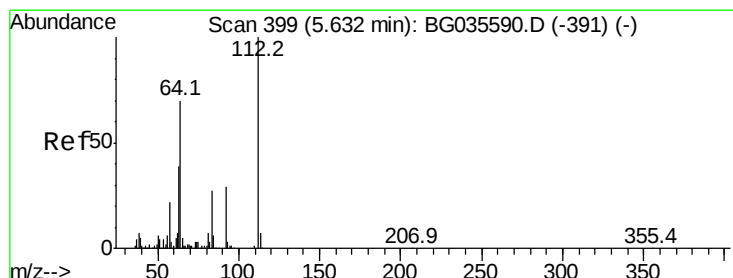
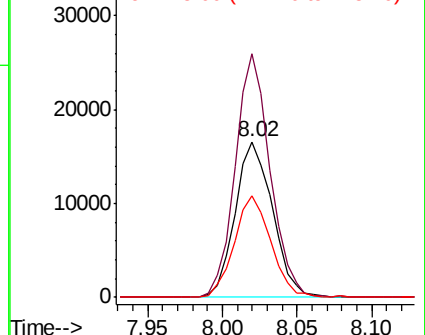
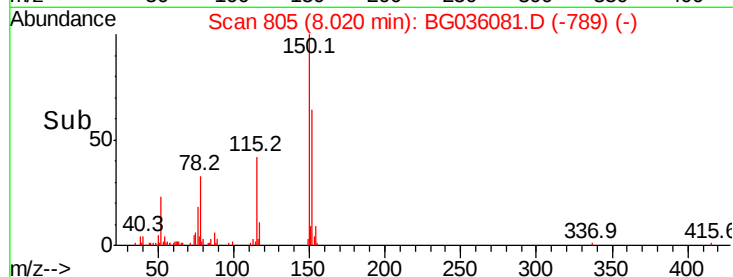
115 65.2 53.0 79.4



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: 137.161 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

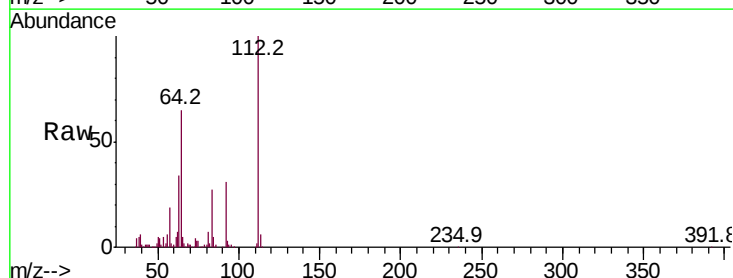
Tgt Ion:112 Resp: 237660

Ion Ratio Lower Upper

112 100

64 65.4 56.3 84.5

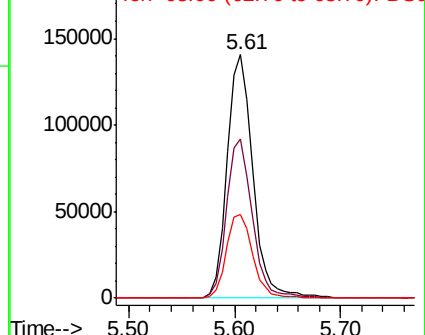
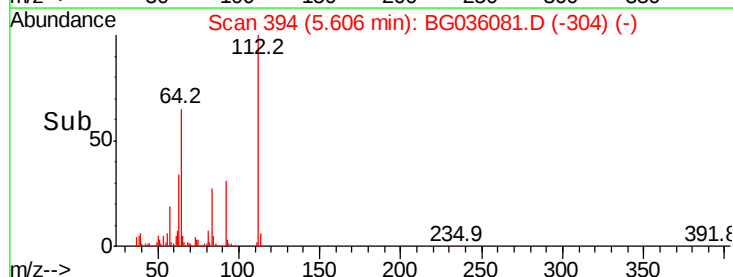
63 34.2 30.1 45.1



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: 119.047 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Instrument :

BNA_G

ClientSampleId :

KG-PIT-5

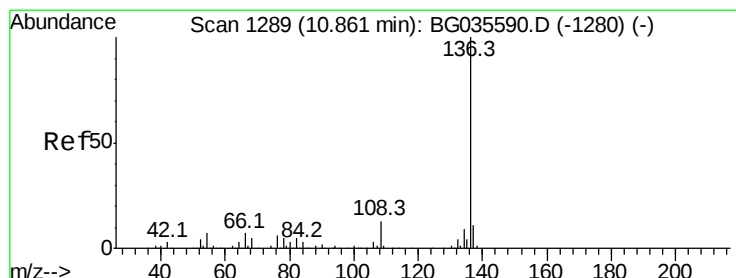
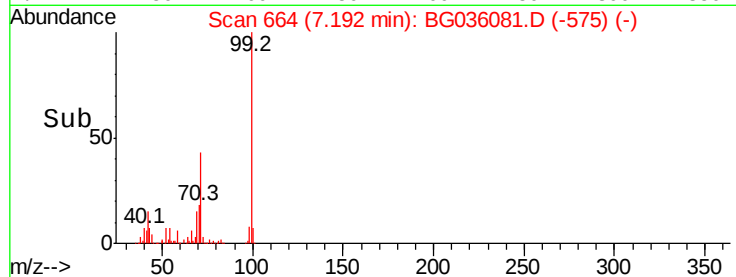
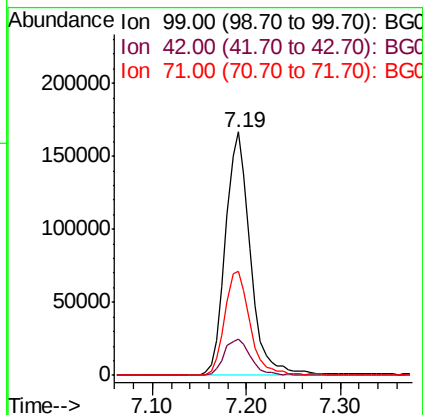
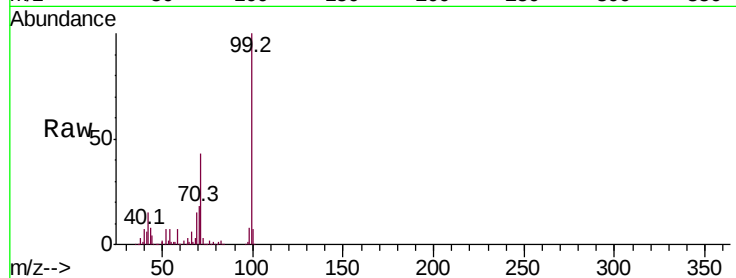
Tot Ion: 99 Resp: 307758

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 42.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Tgt Ion: 136 Resp: 98506

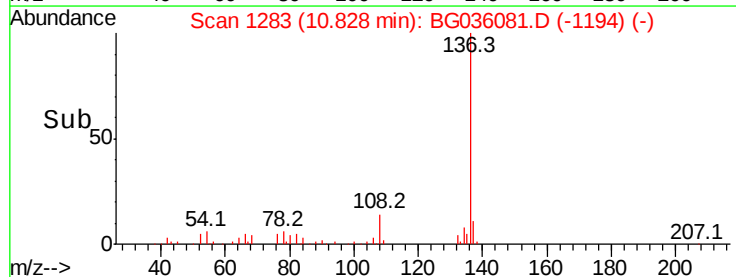
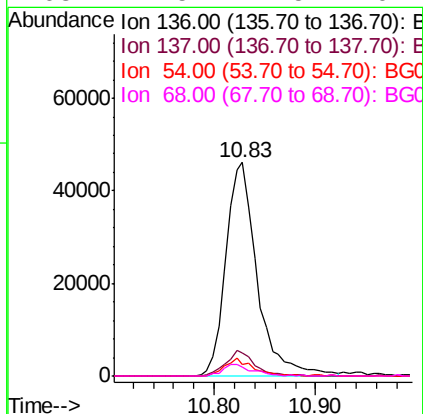
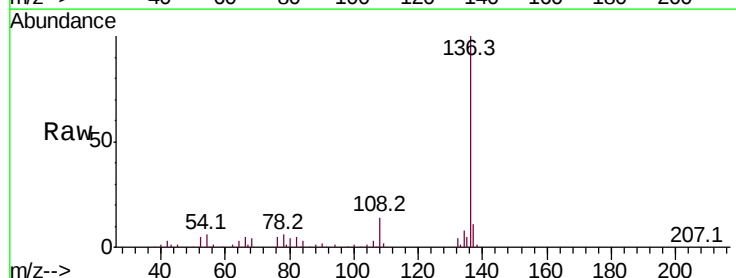
Ion Ratio Lower Upper

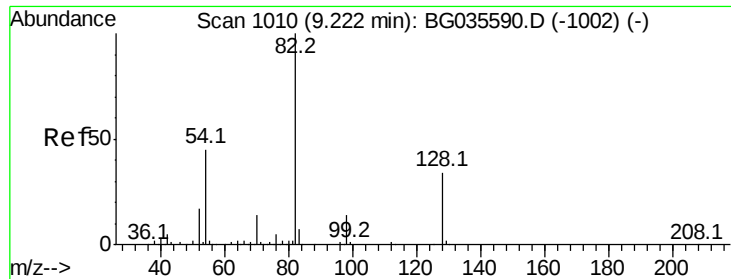
136 100

137 11.1 9.2 13.8

54 5.7 10.3 15.5#

68 4.5 4.5 6.7#

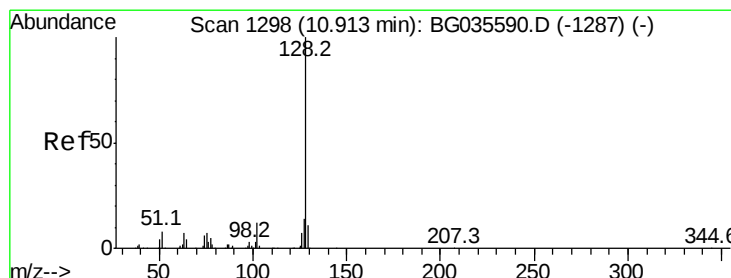
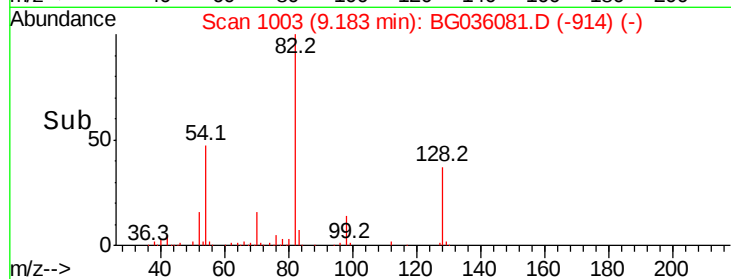
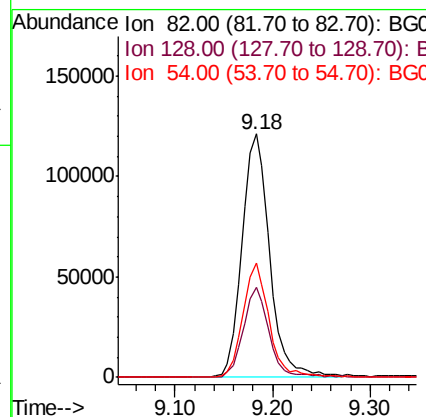
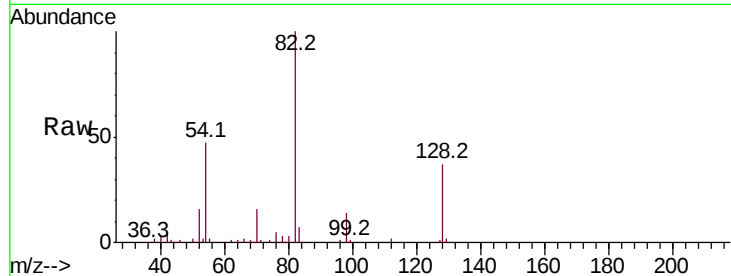




#23
Nitrobenzene-d5
Concen: 101.576 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036081.D
Acq: 3 Aug 2018 5:53

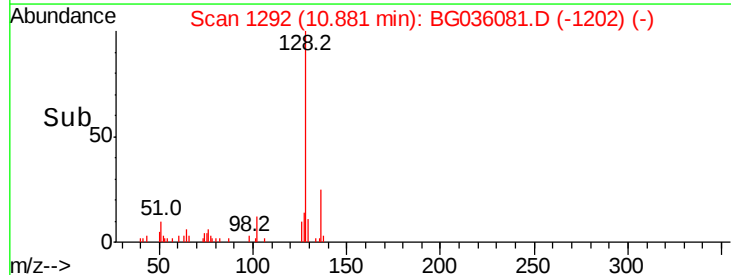
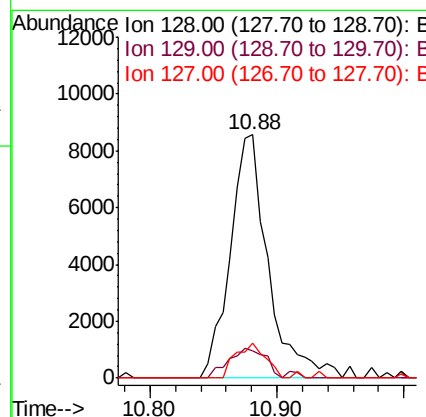
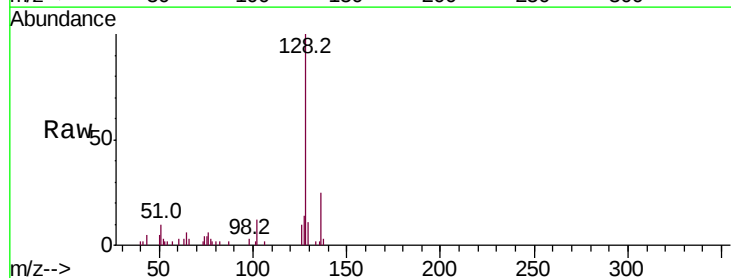
Instrument :
BNA_G
ClientSampleId :
KG-PIT-5

Tot Ion: 82 Resp: 239518
Ion Ratio Lower Upper
82 100
128 36.8 29.7 44.5
54 47.1 43.1 64.7



#31
Naphthalene
Concen: 3.456 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG036081.D
Acq: 3 Aug 2018 5:53

Tgt Ion:128 Resp: 17735
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Instrument :

BNA_G

ClientSampleId :

KG-PIT-5

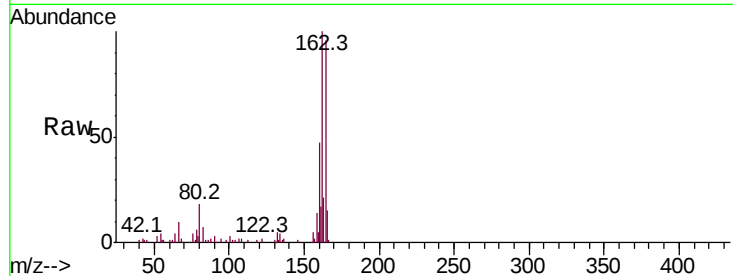
Tot Ion:164 Resp: 70373

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

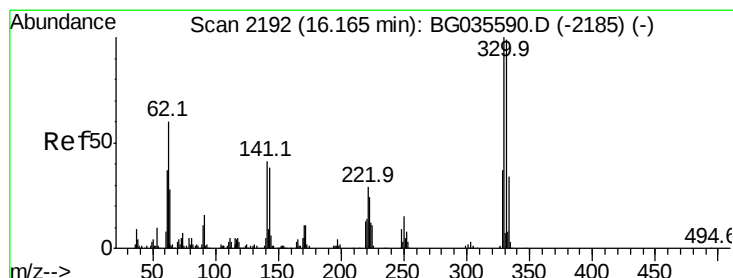
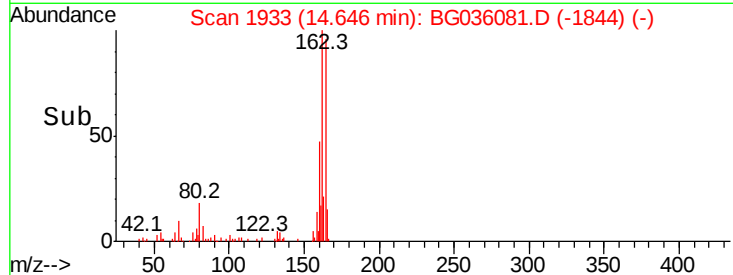
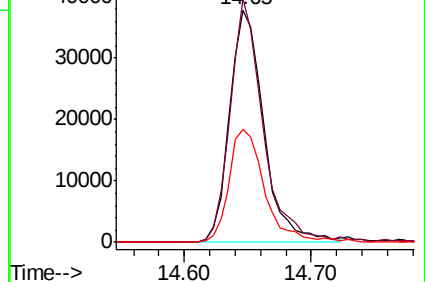
160 48.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.464 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

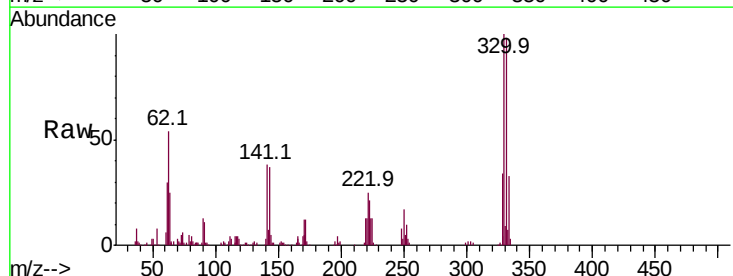
Tgt Ion:330 Resp: 132144

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

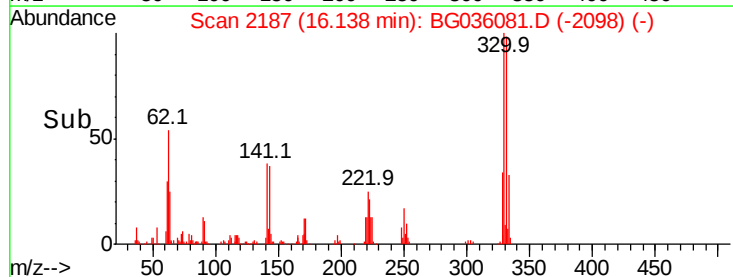
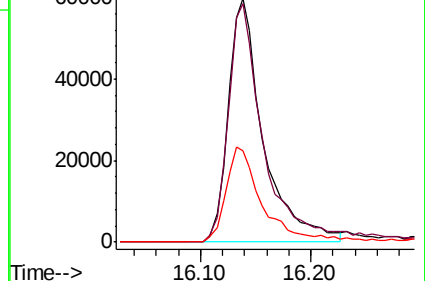
141 41.2 25.2 37.8#

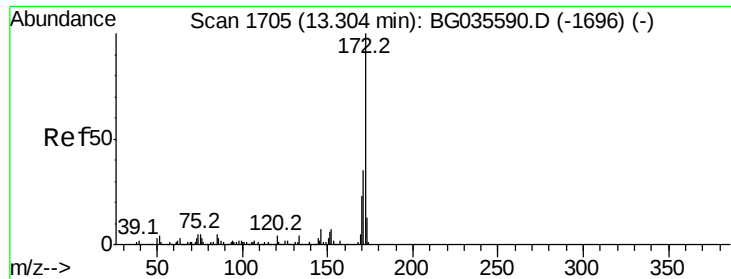


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.624 ng

RT: 13.27 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Instrument :

BNA_G

ClientSampleId :

KG-PIT-5

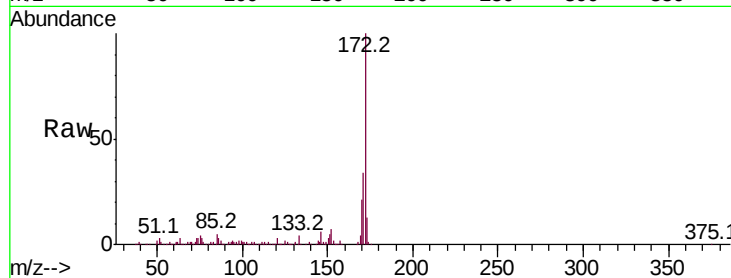
Tot Ion:172 Resp: 549564

Ion Ratio Lower Upper

172 100

171 34.2 30.0 45.0

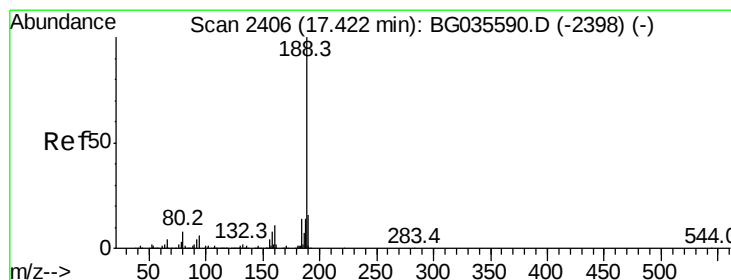
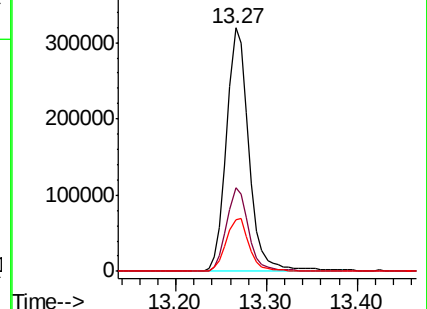
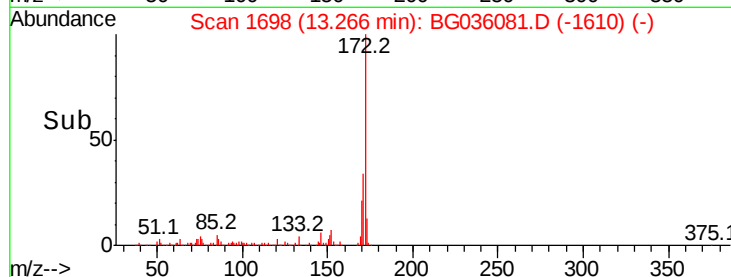
170 21.2 19.5 29.3



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: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

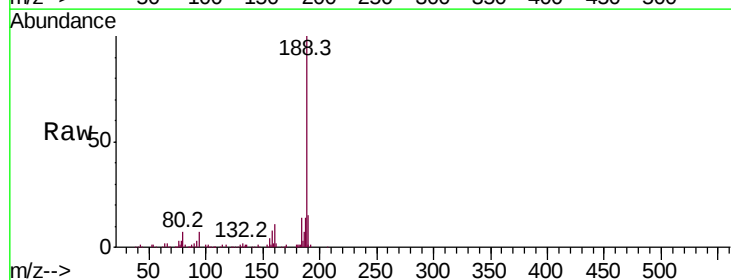
Tgt Ion:188 Resp: 193493

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

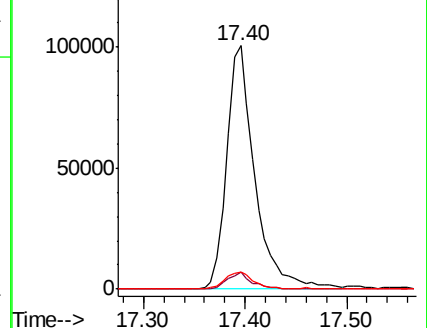
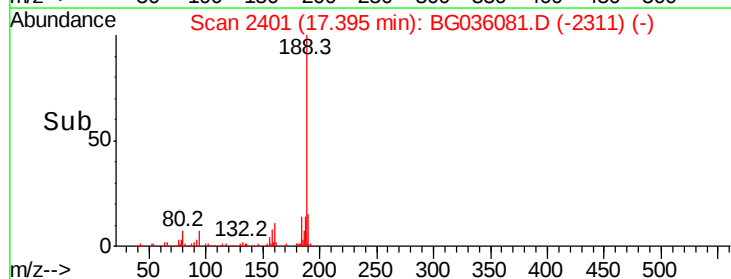
80 7.0 7.7 11.5#



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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

Instrument :

BNA_G

ClientSampleId :

KG-PIT-5

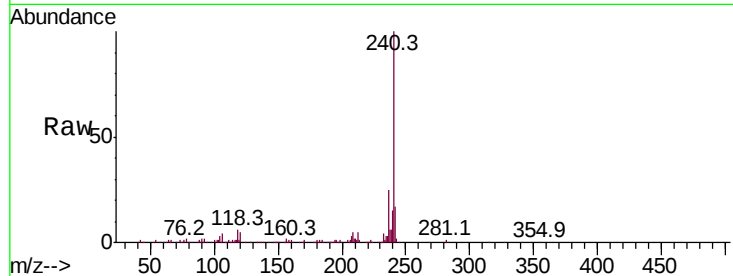
Tot Ion:240 Resp: 241400

Ion Ratio Lower Upper

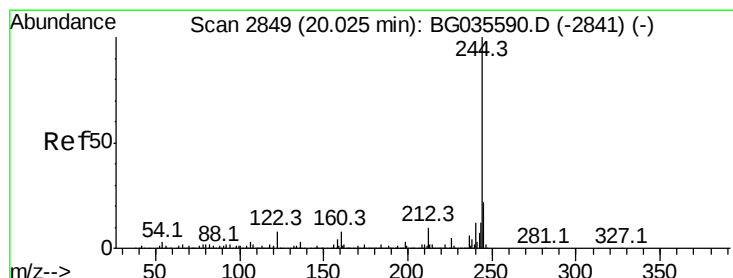
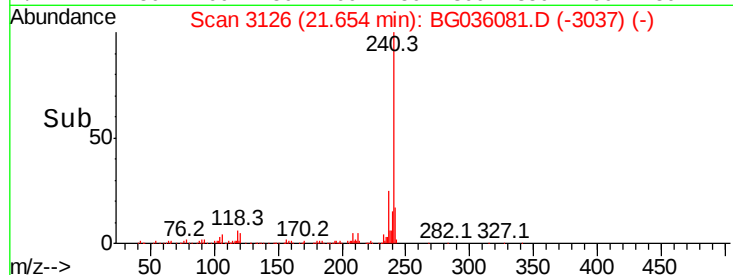
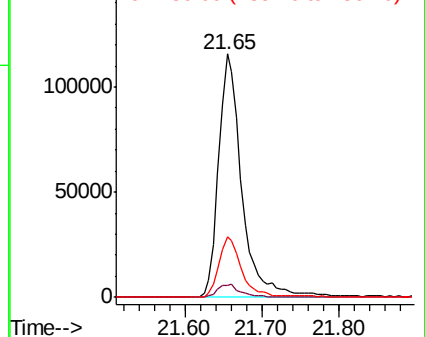
240 100

120 5.1 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: 110.481 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036081.D

Acq: 3 Aug 2018 5:53

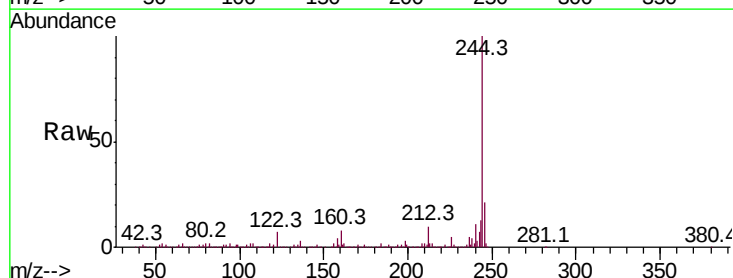
Tgt Ion:244 Resp: 1209909

Ion Ratio Lower Upper

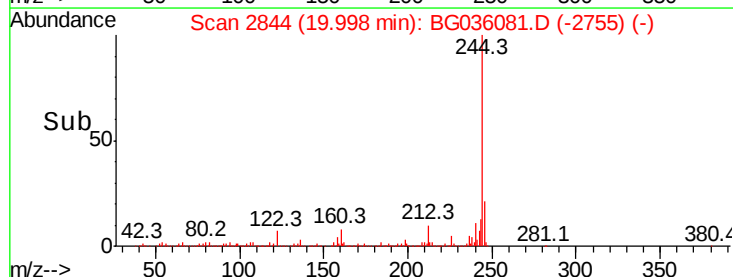
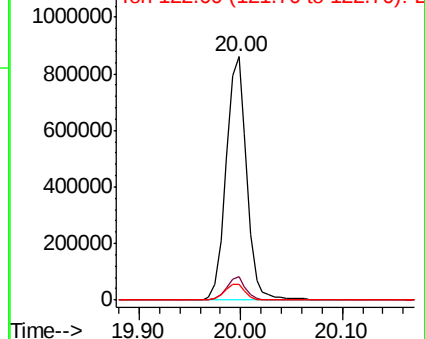
244 100

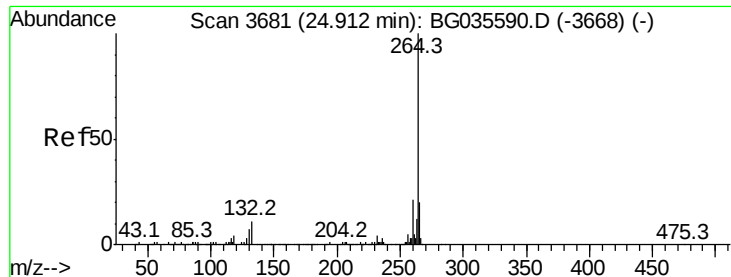
212 9.7 5.8 8.8#

122 6.7 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

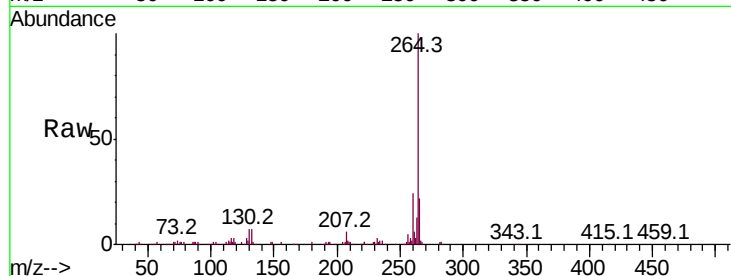




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG036081.D
Acq: 3 Aug 2018 5:53

Instrument :
BNA_G
ClientSampleId :
KG-PIT-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.9	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

