

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036077.D
 Acq On : 3 Aug 2018 3:17
 Operator : JU/SJ
 Sample : J4285-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-1

Quant Time: Aug 03 07:49:10 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	27604	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103323	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	72617	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217648	20.00	ng	0.00
75) Chrysene-d12	21.66	240	248399	20.00	ng	0.00
86) Perylene-d12	24.86	264	218691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247399	148.80	ng	0.00
7) Phenol-d6	7.19	99	324170	130.68	ng	0.00
23) Nitrobenzene-d5	9.18	82	253480	102.48	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	150000	156.72	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	578695	106.77	ng	0.00
78) Terphenyl-d14	20.00	244	1256384	111.49	ng	0.00

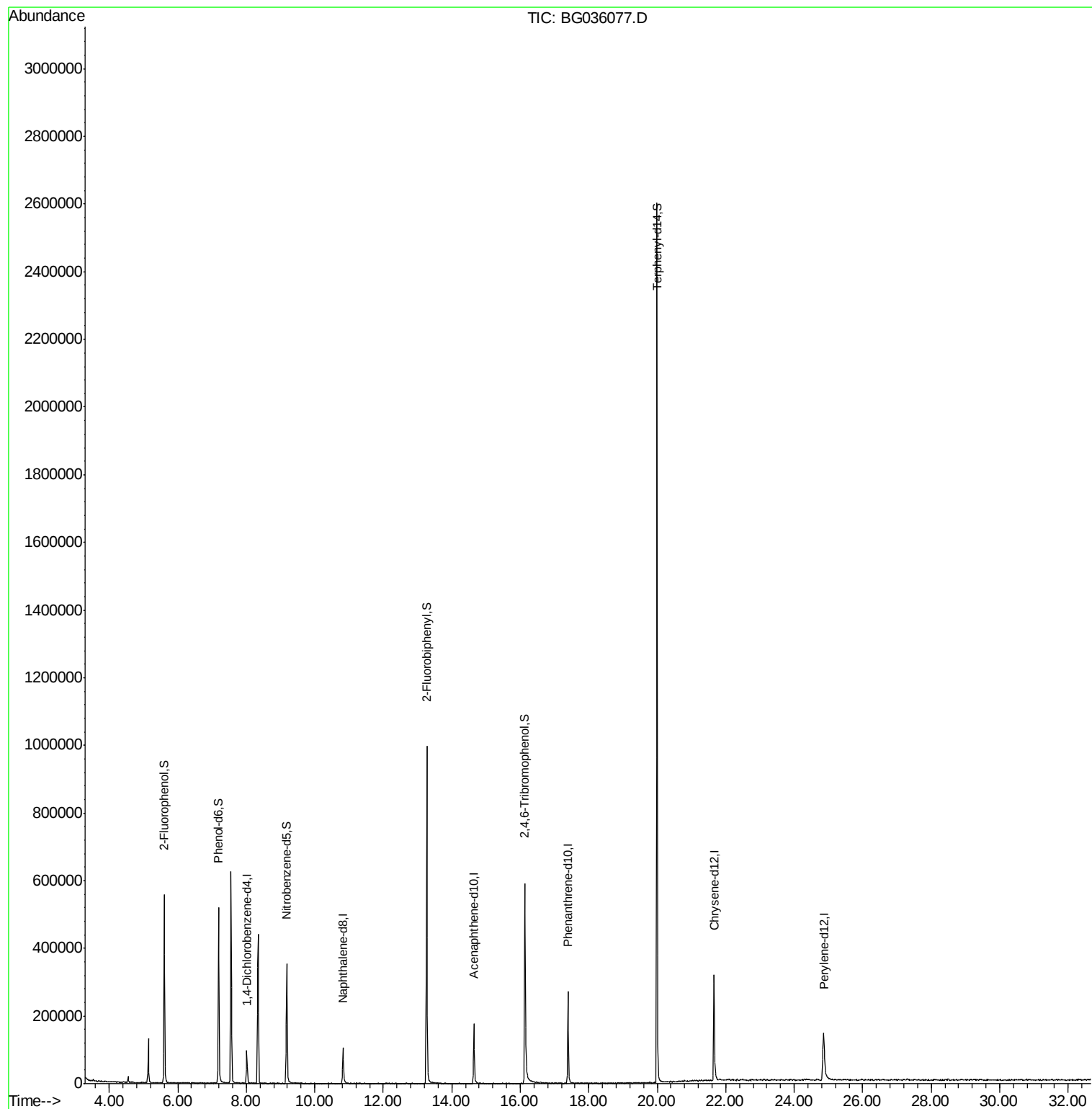
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

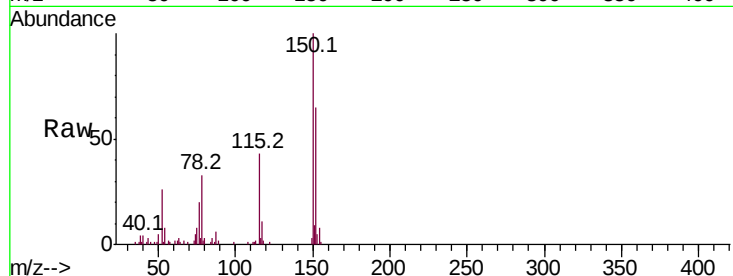
Tot Ion:152 Resp: 27604

Ion Ratio Lower Upper

152 100

150 153.0 126.6 189.8

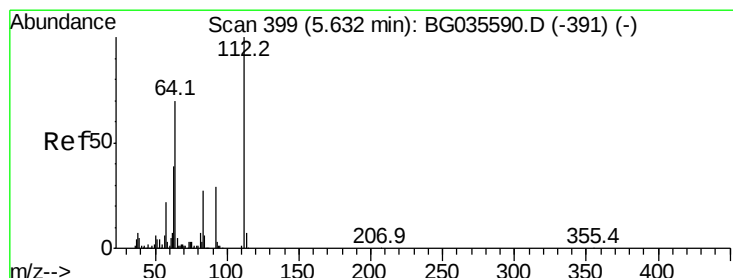
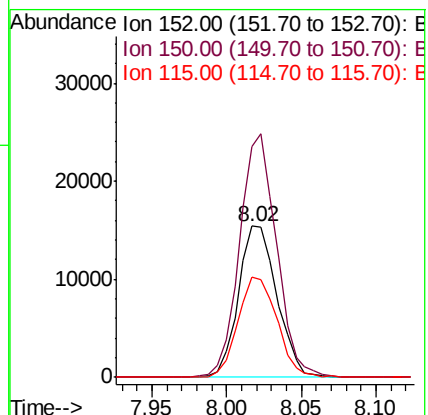
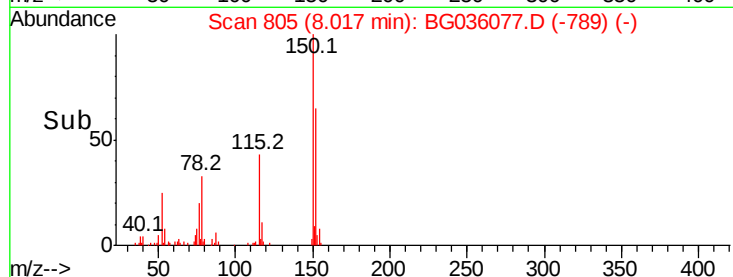
115 66.2 53.0 79.4



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: 148.797 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

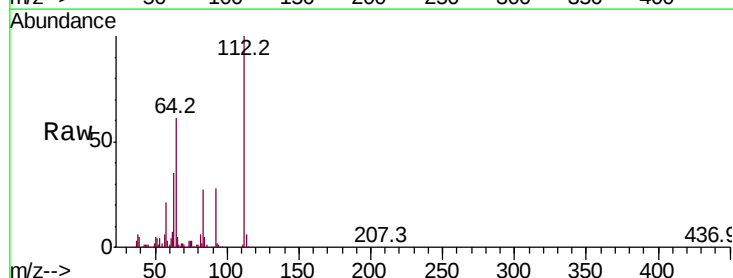
Tgt Ion:112 Resp: 247399

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

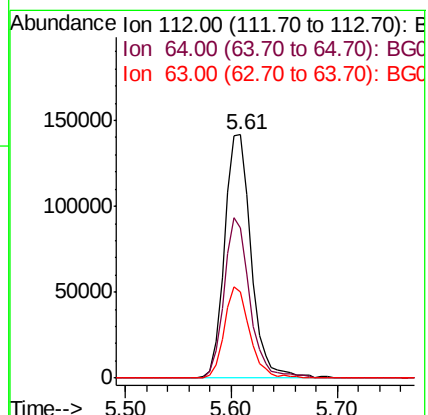
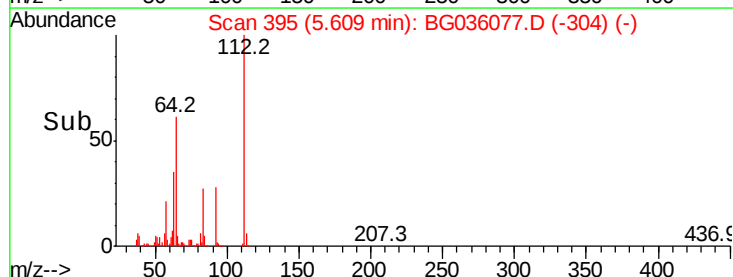
63 35.5 30.1 45.1



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: 130.679 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

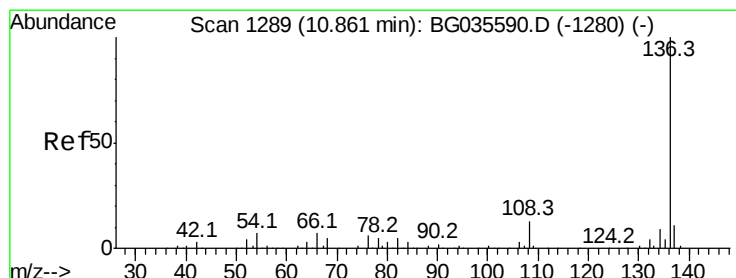
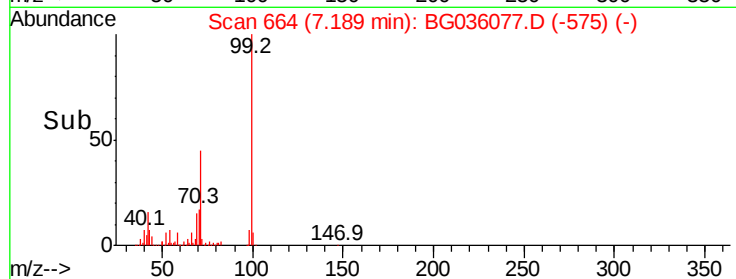
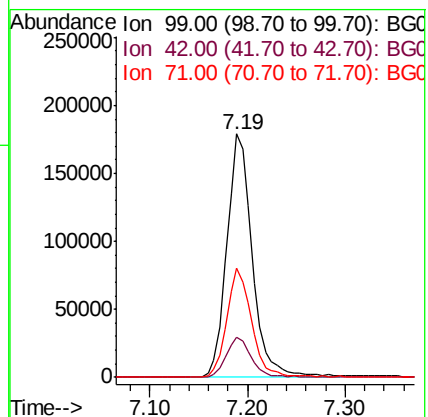
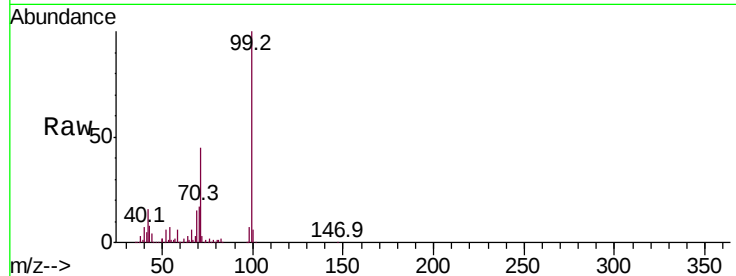
Tot Ion: 99 Resp: 324170

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 44.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Tgt Ion:136 Resp: 103323

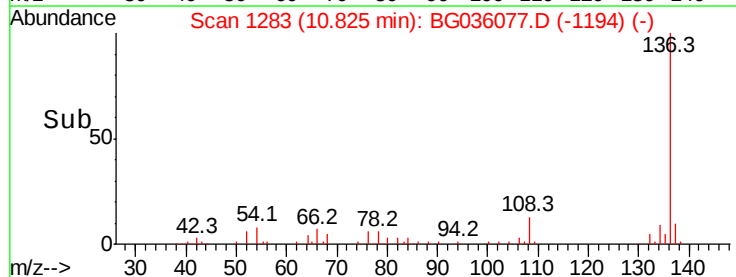
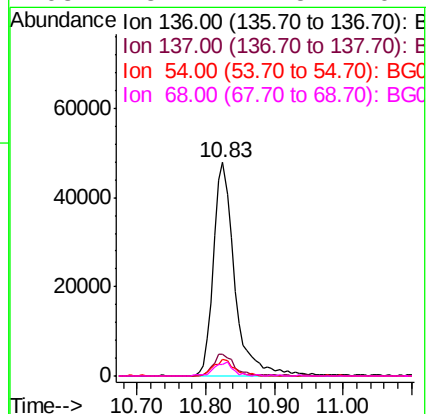
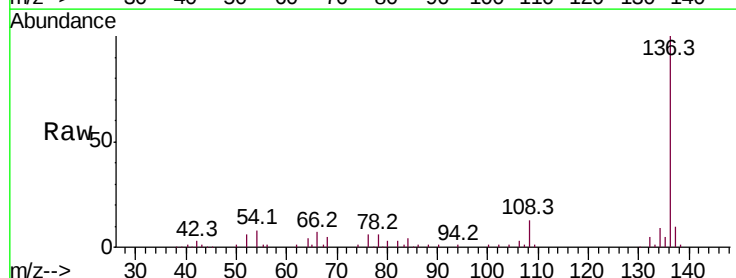
Ion Ratio Lower Upper

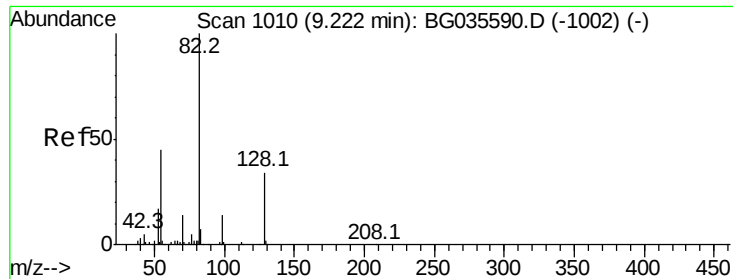
136 100

137 10.3 9.2 13.8

54 7.8 10.3 15.5#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 102.485 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

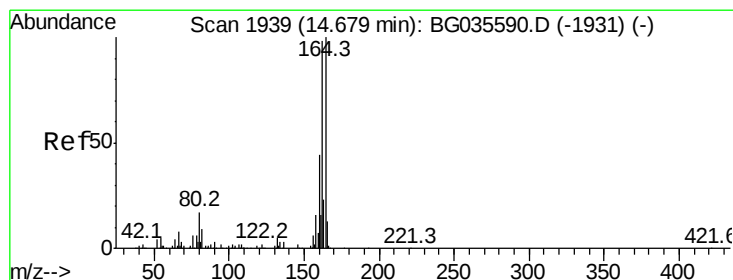
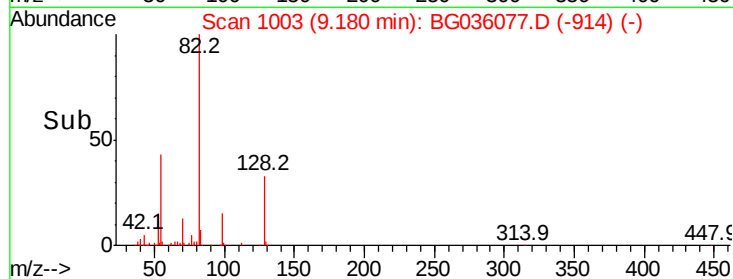
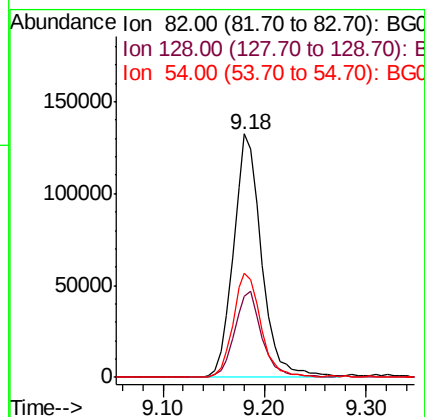
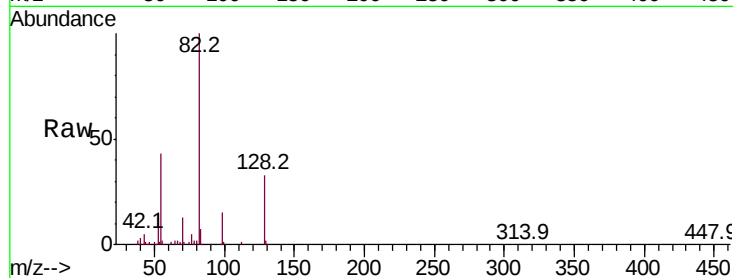
Tot Ion: 82 Resp: 253480

Ion Ratio Lower Upper

82 100

128 33.2 29.7 44.5

54 42.8 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

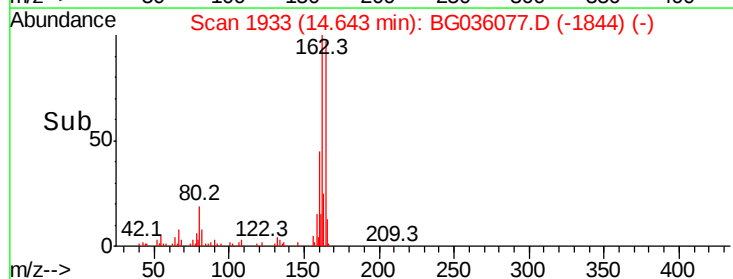
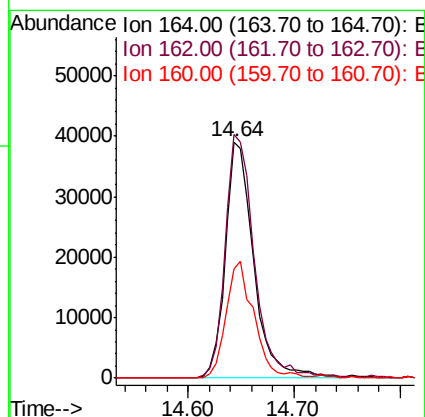
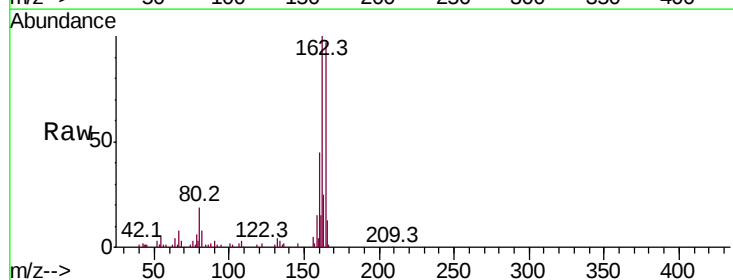
Tgt Ion:164 Resp: 72617

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

160 46.3 35.4 53.0

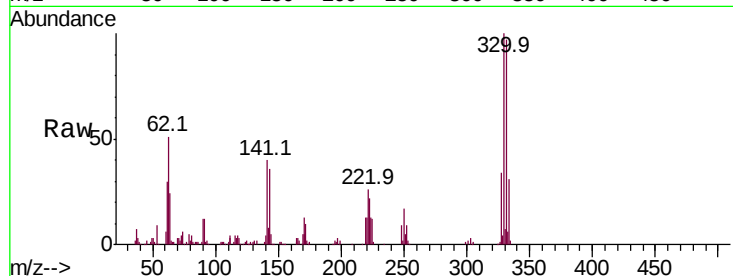




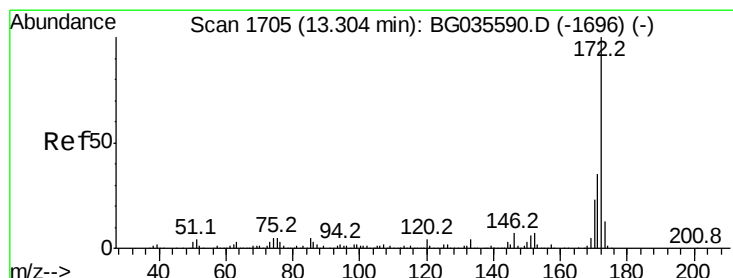
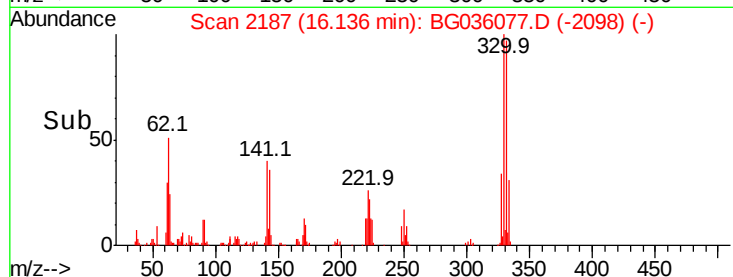
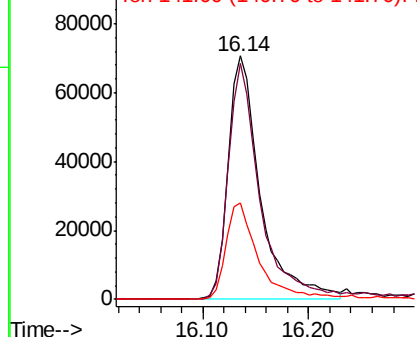
#41
2,4,6-Tribromophenol
Concen: 156.717 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Instrument :
BNA_G
ClientSampleId :
KG-PIT-1

Tot Ion:330 Resp: 150000
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 39.8 25.2 37.8#

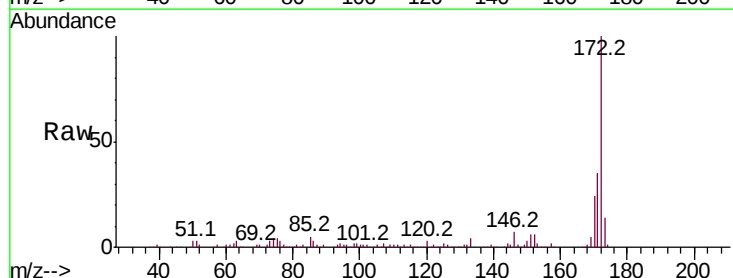


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

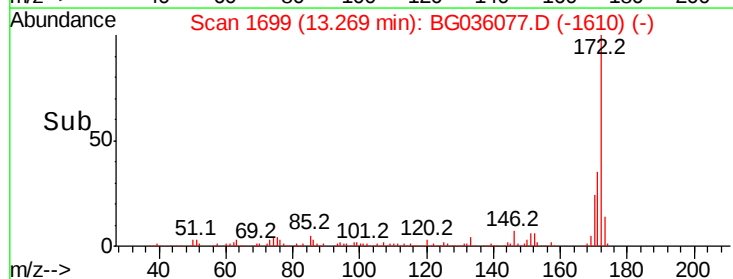
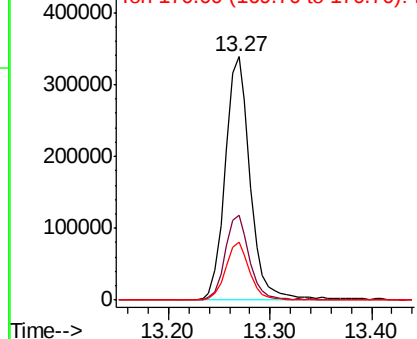


#44
2-Fluorobiphenyl
Concen: 106.766 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Tgt Ion:172 Resp: 578695
Ion Ratio Lower Upper
172 100
171 34.9 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

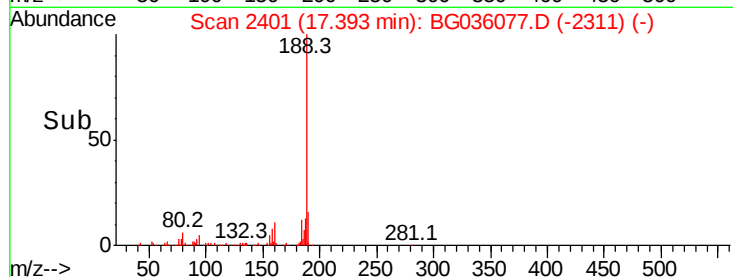
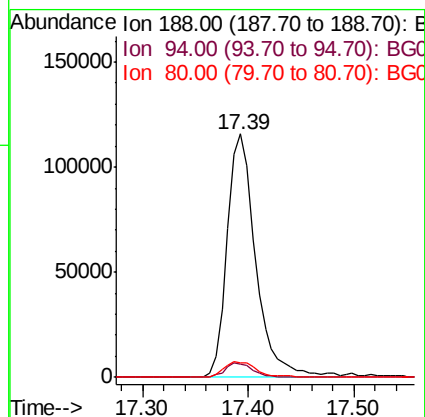
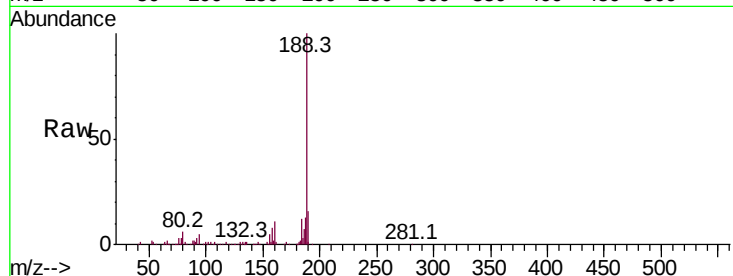




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

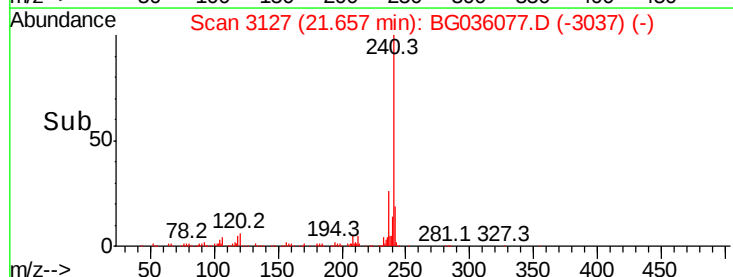
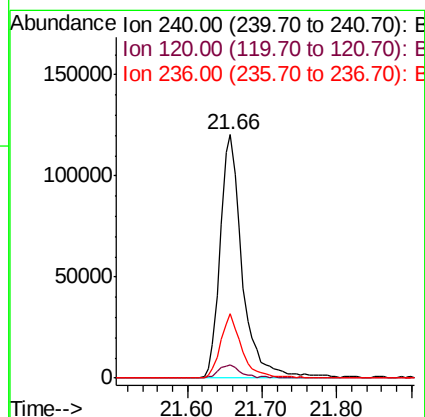
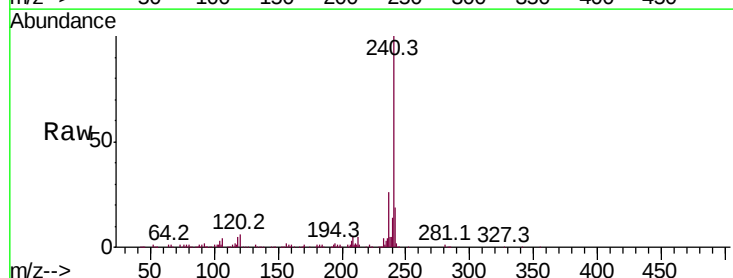
Instrument :
BNA_G
ClientSampleId :
KG-PIT-1

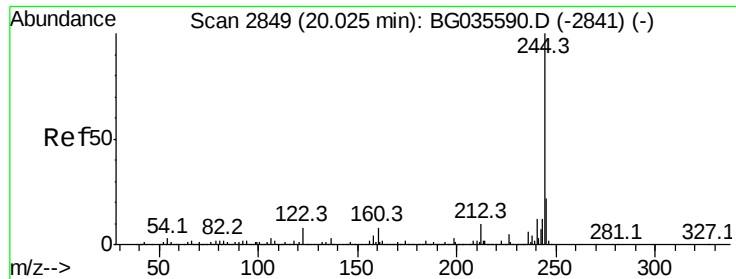
Tot Ion:188 Resp: 217648
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Tgt Ion:240 Resp: 248399
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 26.5 20.9 31.3

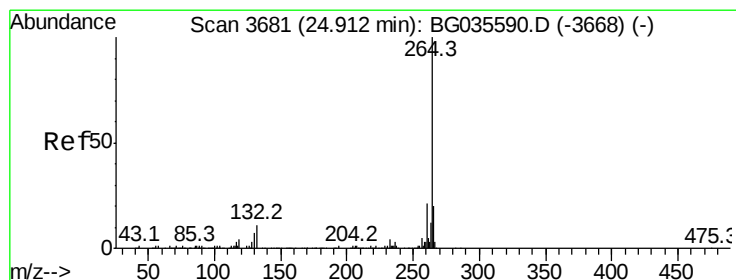
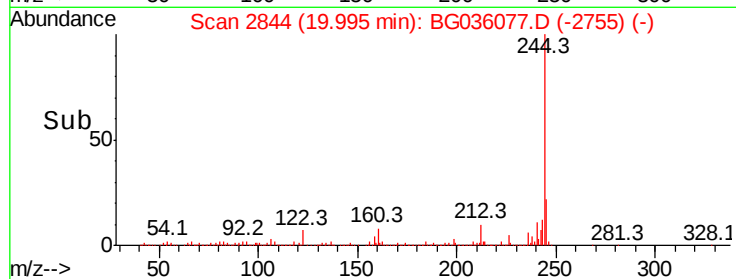
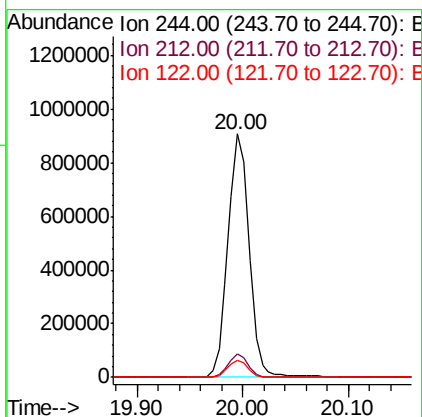
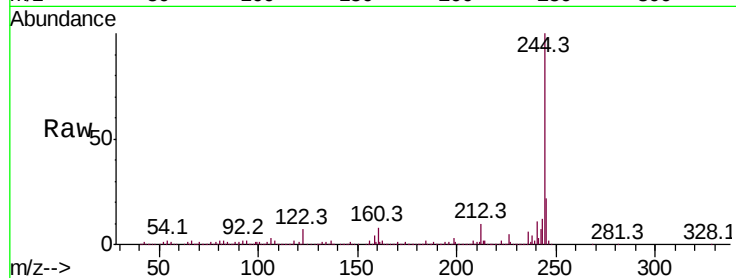




#78
 Terphenyl-d14
 Concen: 111.492 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Instrument :
 BNA_G
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Tot Ion:244 Resp: 1256384
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Tgt Ion:264 Resp: 218691
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 20.5 17.7 26.5

