

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036082.D
 Acq On : 3 Aug 2018 6:32
 Operator : JU/SJ
 Sample : J4285-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

Quant Time: Aug 03 07:57:09 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	28647	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	100728	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72143	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	213510	20.00	ng	0.00
75) Chrysene-d12	21.66	240	243510	20.00	ng	0.00
86) Perylene-d12	24.85	264	216422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251457	145.73	ng	0.00
7) Phenol-d6	7.19	99	319646	124.16	ng	0.00
23) Nitrobenzene-d5	9.18	82	263252	109.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	151406	159.23	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	579607	107.64	ng	0.00
78) Terphenyl-d14	19.99	244	1286823	116.49	ng	0.00

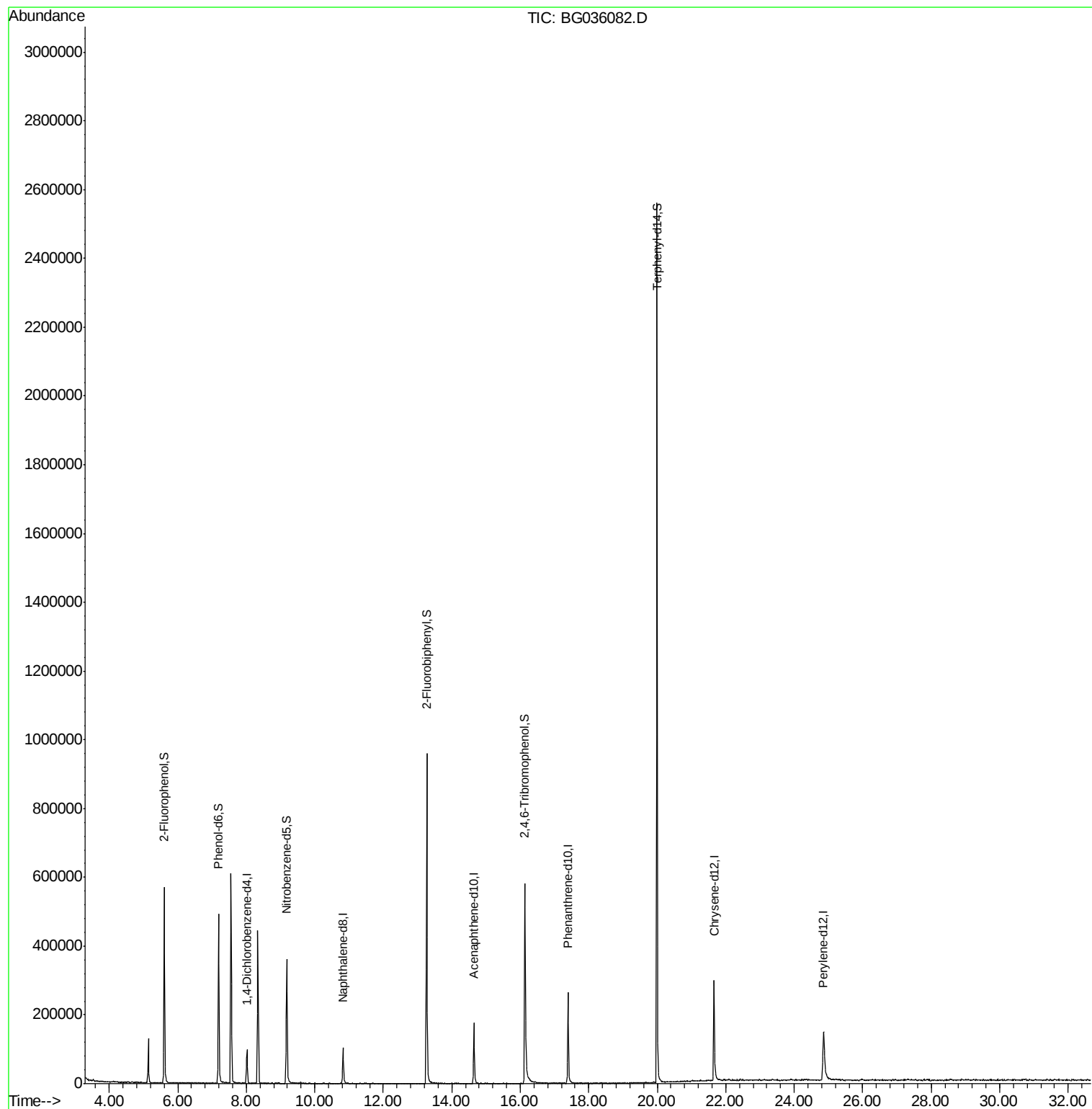
Target Compounds Qvalue

(#) = 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# 806

Delta R.T. -0.00 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

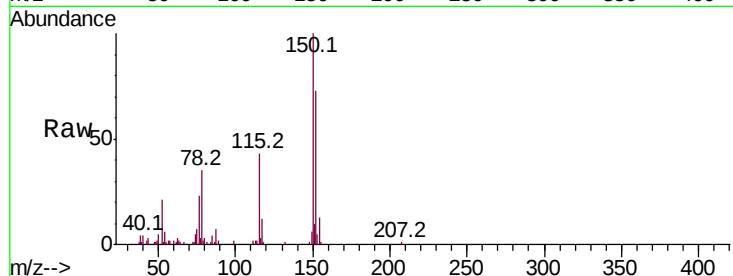
Tot Ion:152 Resp: 28647

Ion Ratio Lower Upper

152 100

150 137.4 126.6 189.8

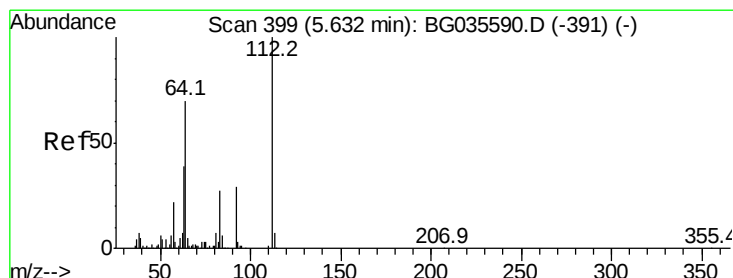
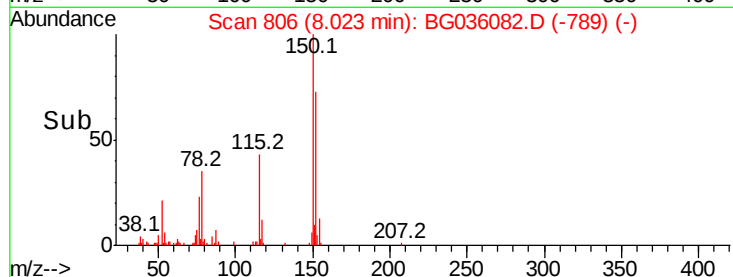
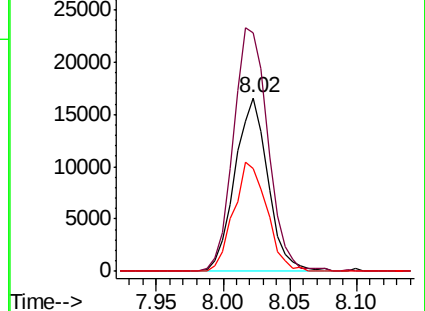
115 59.4 53.0 79.4



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: 145.732 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

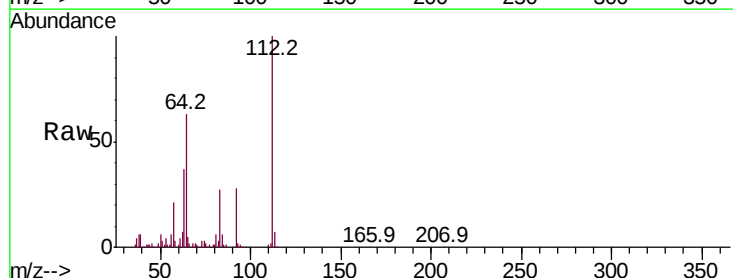
Tgt Ion:112 Resp: 251457

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

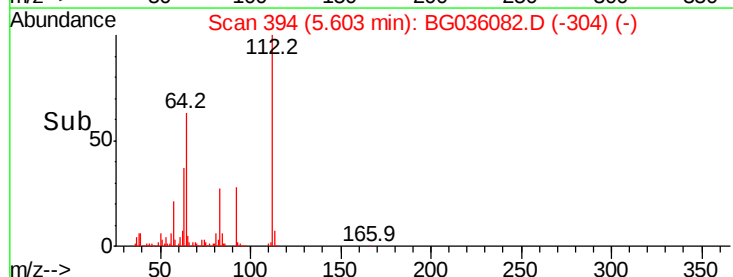
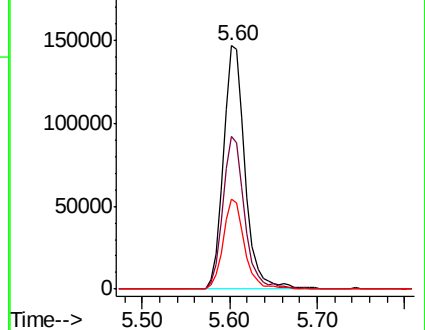
63 36.8 30.1 45.1

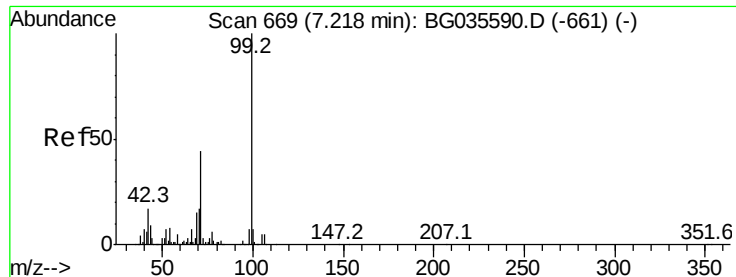


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.164 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

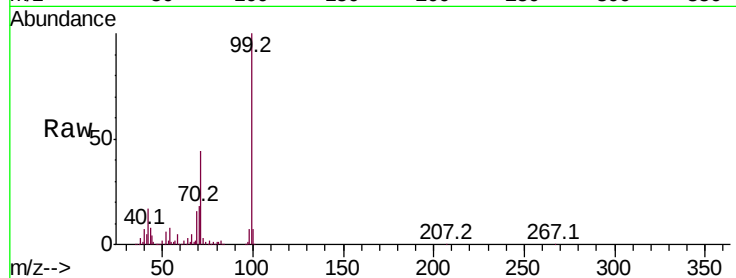
Tot Ion: 99 Resp: 319646

Ion Ratio Lower Upper

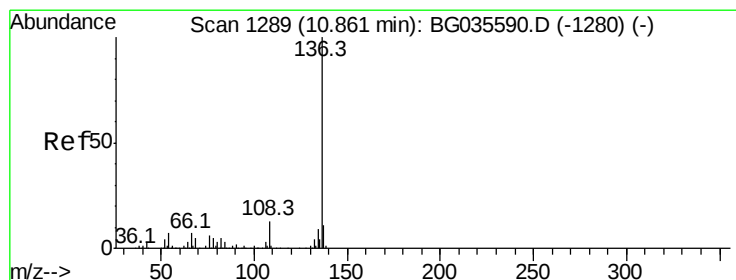
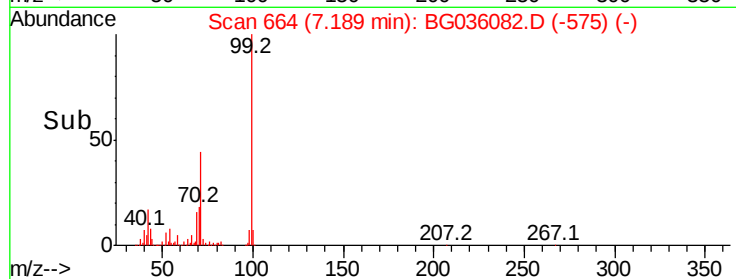
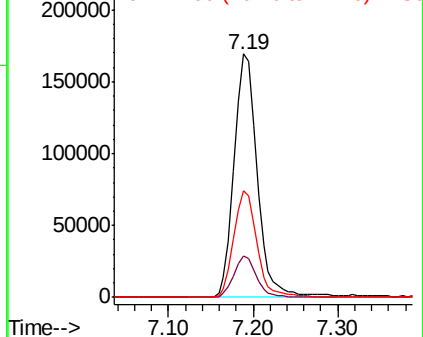
99 100

42 17.2 14.1 21.1

71 43.6 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# 1283

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Tgt Ion: 136 Resp: 100728

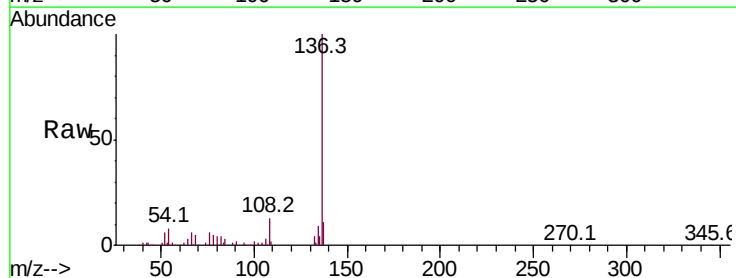
Ion Ratio Lower Upper

136 100

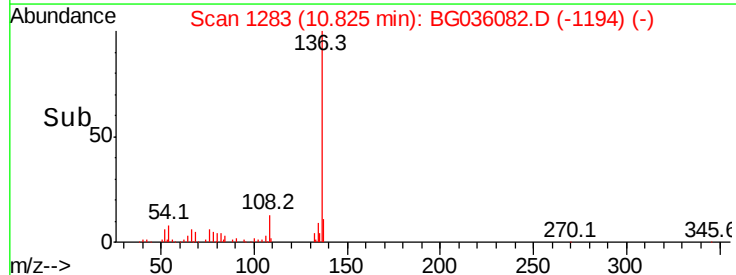
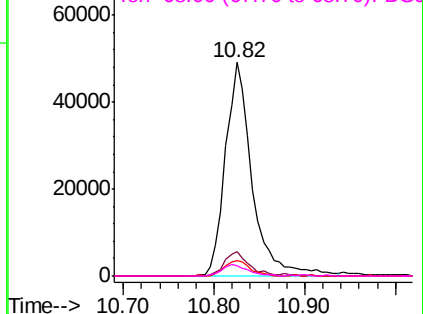
137 11.3 9.2 13.8

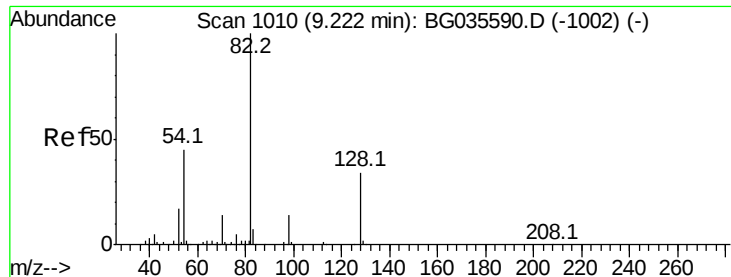
54 7.5 10.3 15.5#

68 5.0 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

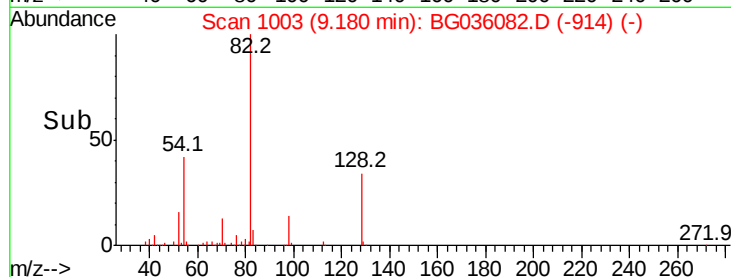
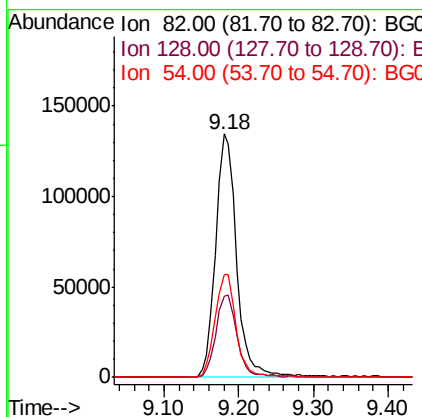
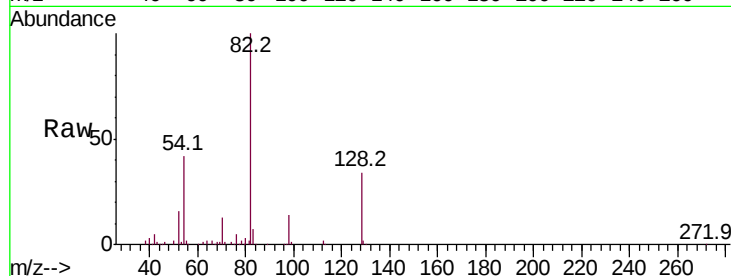




#23
 Nitrobenzene-d5
 Concen: 109.178 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

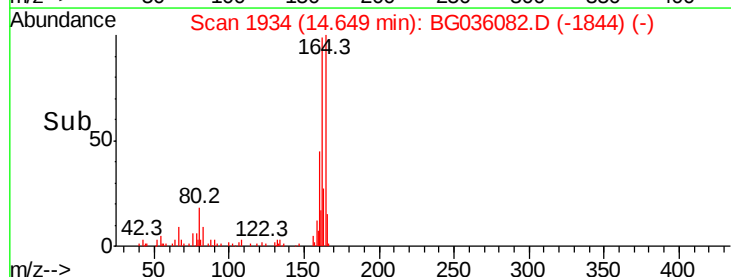
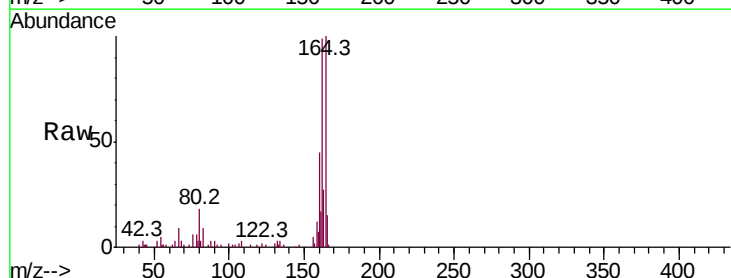
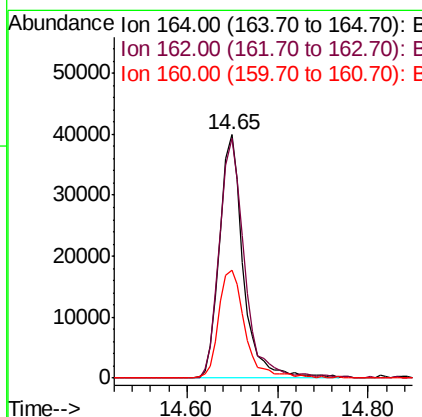
Instrument :
 BNA_G
 ClientSampled :
 KG-PIT-6

Tot Ion	82	Resp	263252
Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Tgt Ion	164	Resp	72143
Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.8	118.2
160	44.6	35.4	53.0

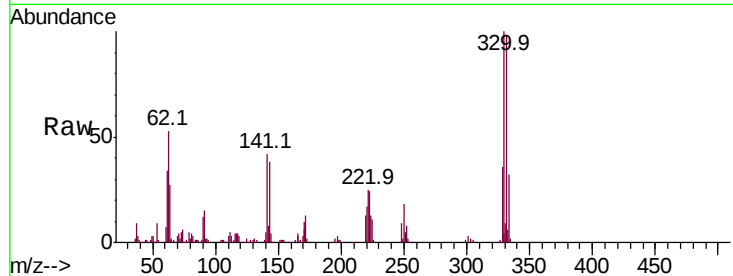




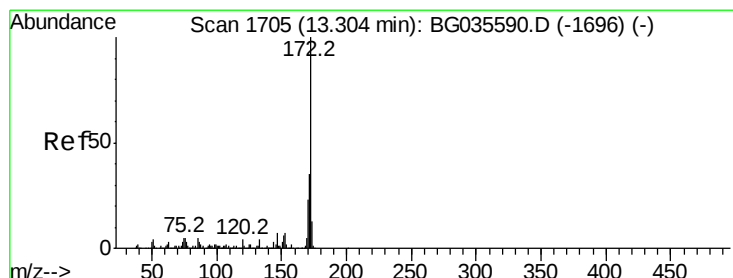
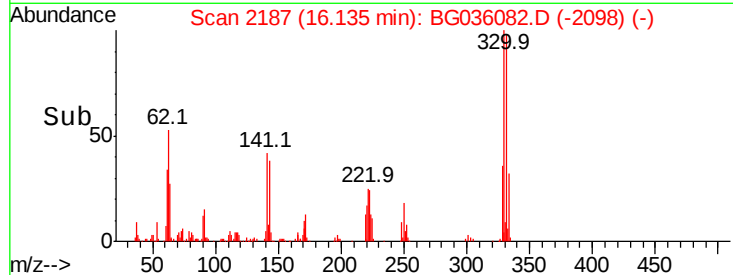
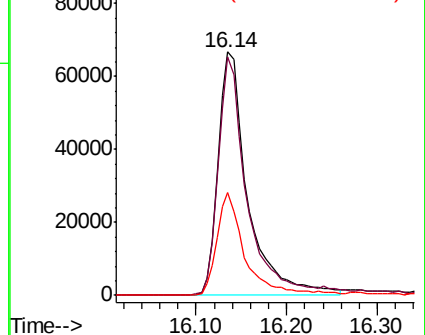
#41
2,4,6-Tribromophenol
Concen: 159.225 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036082.D
Acq: 3 Aug 2018 6:32

Instrument :
BNA_G
ClientSampleId :
KG-PIT-6

Tot Ion:330 Resp: 151406
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 39.1 25.2 37.8#

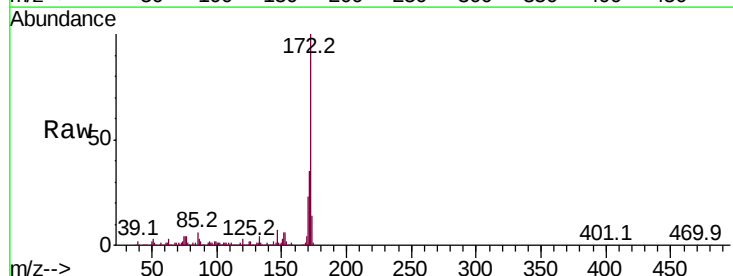


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

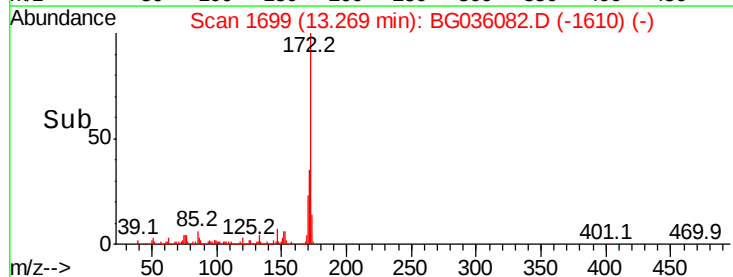
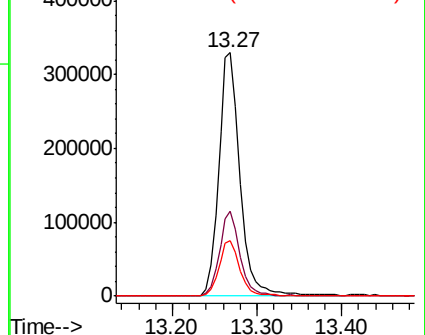


#44
2-Fluorobiphenyl
Concen: 107.637 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036082.D
Acq: 3 Aug 2018 6:32

Tgt Ion:172 Resp: 579607
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.0 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

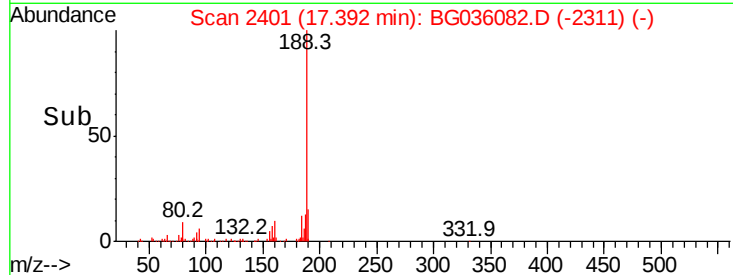
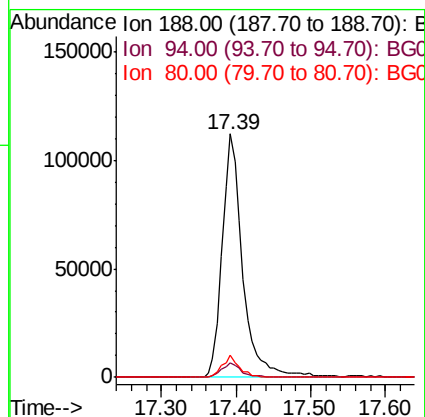
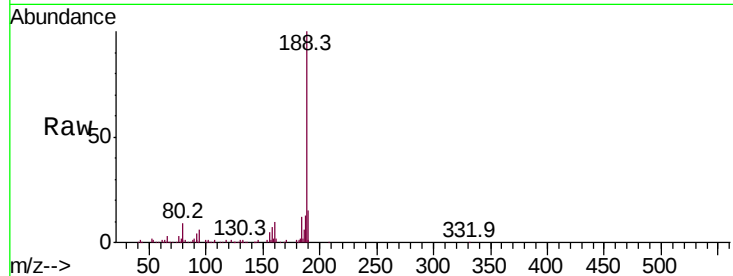




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

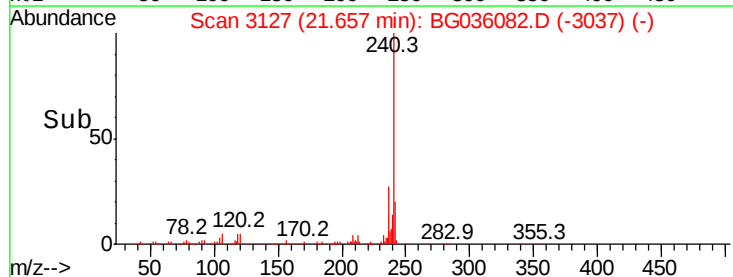
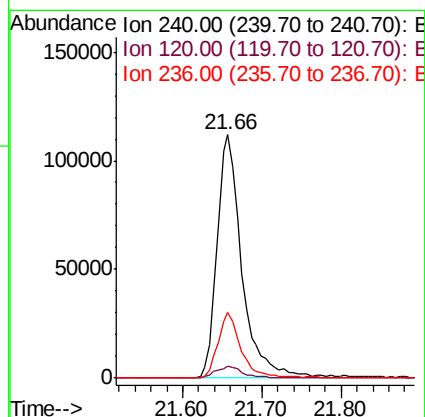
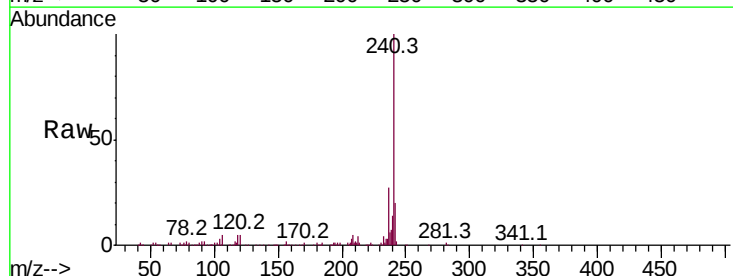
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

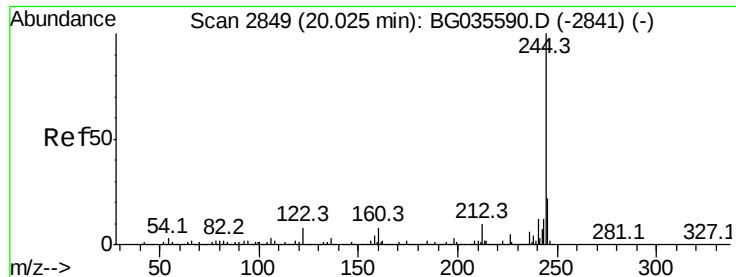
Tot Ion:188 Resp: 213510
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 9.1 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Tgt Ion:240 Resp: 243510
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 116.486 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

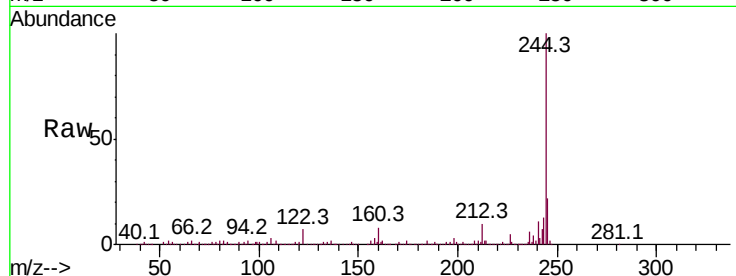
Tot Ion:244 Resp: 1286823

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

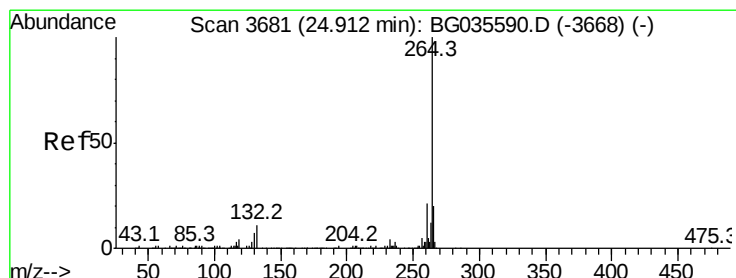
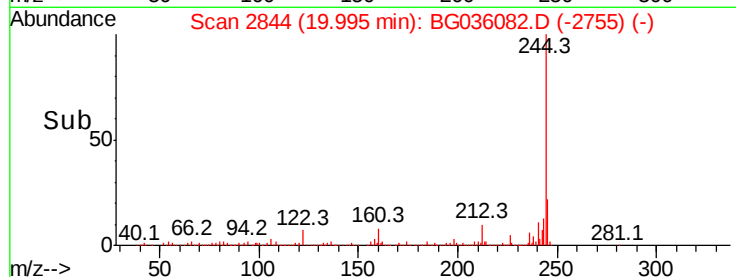
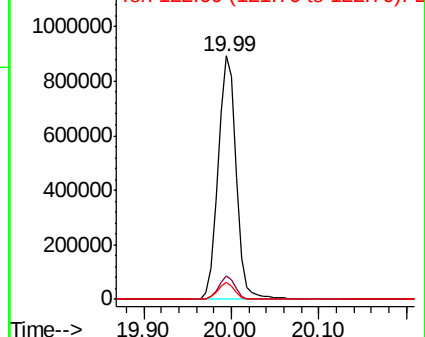
122 7.0 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

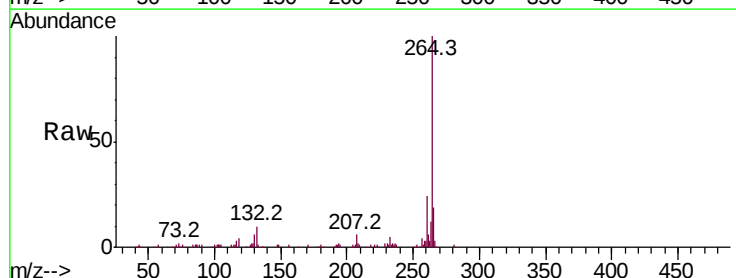
Tgt Ion:264 Resp: 216422

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 19.4 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

