

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036078.D
 Acq On : 3 Aug 2018 3:56
 Operator : JU/SJ
 Sample : J4285-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

Quant Time: Aug 03 07:50:32 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	28403	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	104025	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72853	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	214587	20.00	ng	0.00
75) Chrysene-d12	21.65	240	250266	20.00	ng	0.00
86) Perylene-d12	24.86	264	213517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	240099	140.34	ng	0.00
7) Phenol-d6	7.19	99	310265	121.55	ng	0.00
23) Nitrobenzene-d5	9.18	82	254103	102.04	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	148816	154.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	573126	105.40	ng	0.00
78) Terphenyl-d14	20.00	244	1274624	112.27	ng	0.00

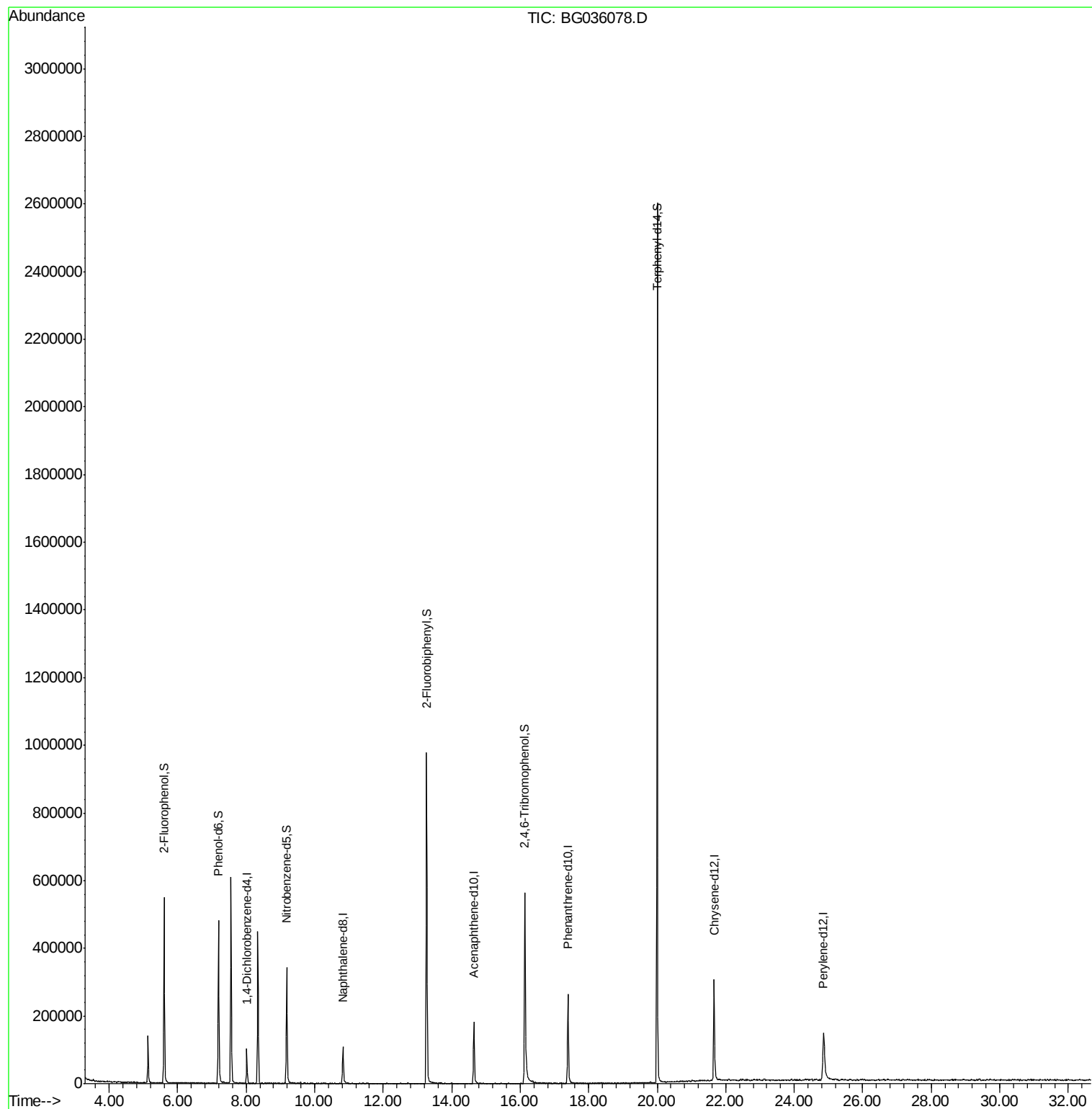
Target Compounds Qvalue

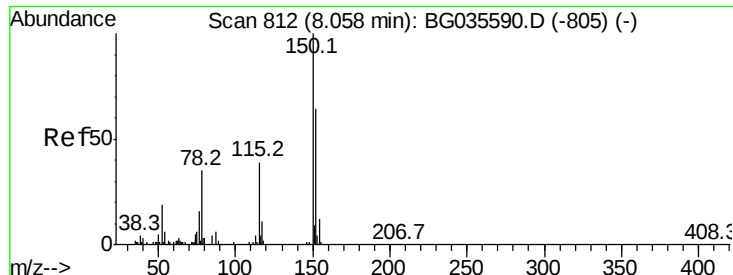
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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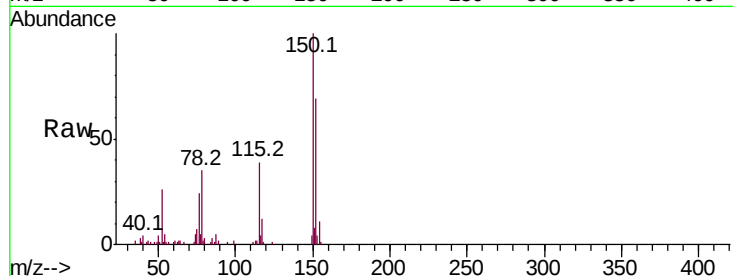


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	56.5	53.0	79.4

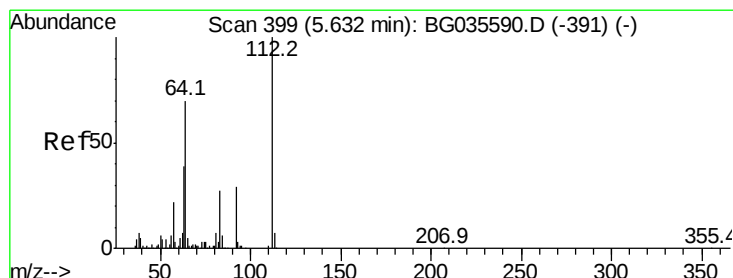
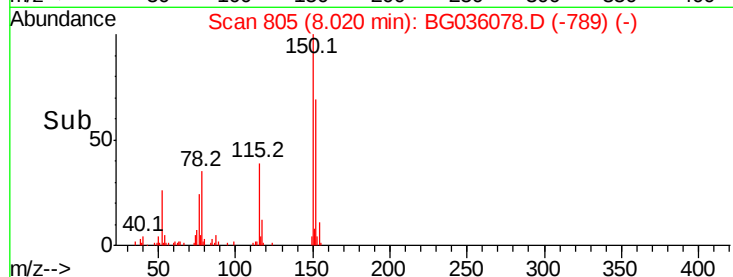
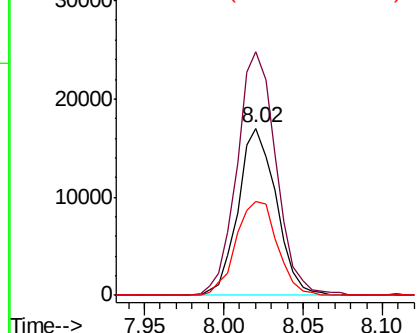


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

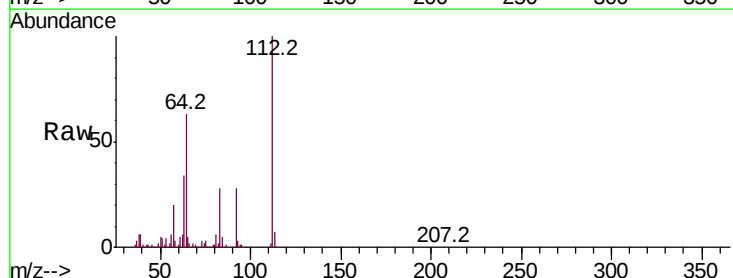
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 140.345 ng
 RT: 5.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.3	84.5
63	34.1	30.1	45.1

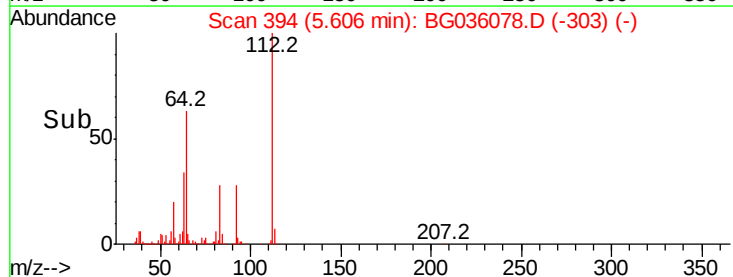
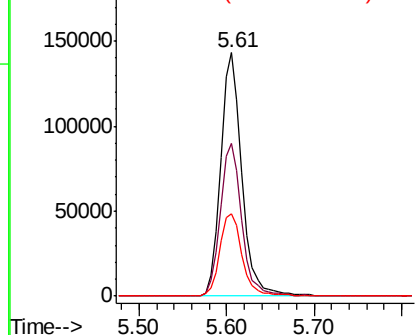


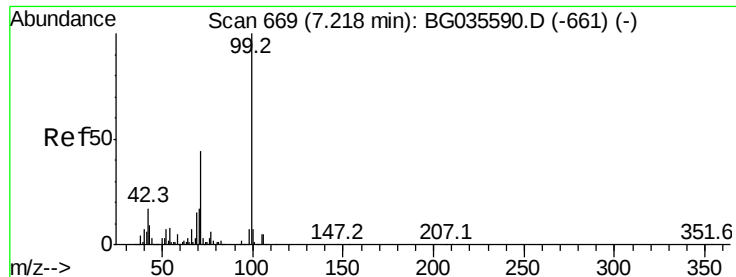
Abundance

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: 121.555 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

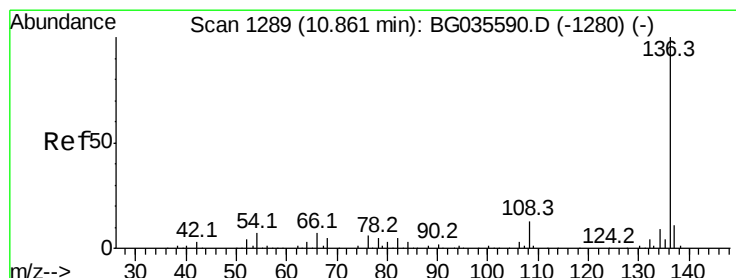
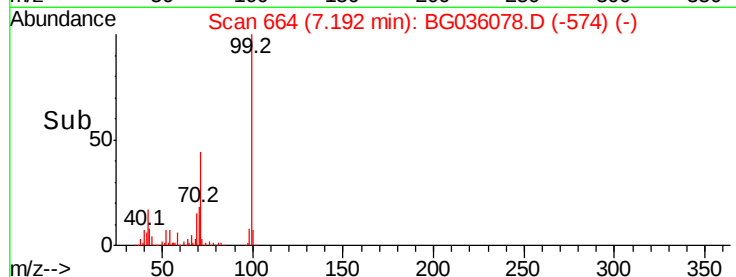
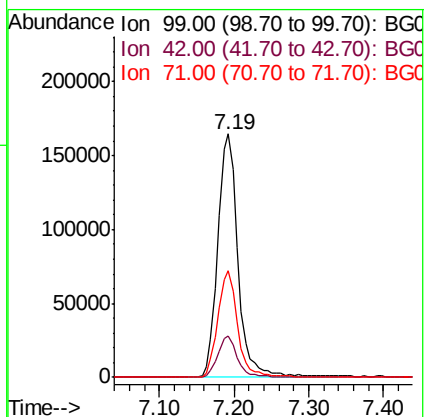
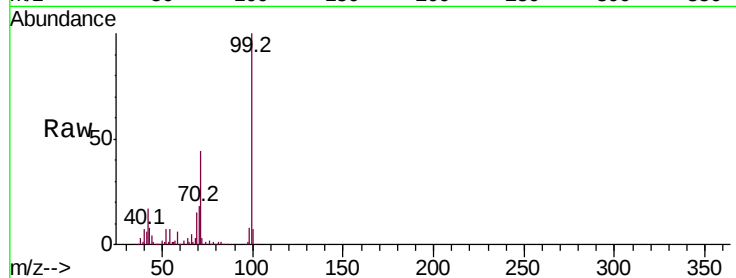
Tot Ion: 99 Resp: 310265

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Tgt Ion:136 Resp: 104025

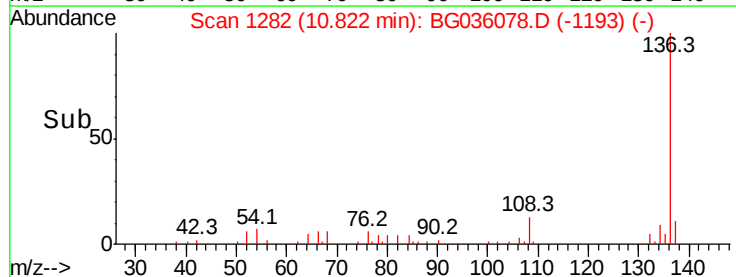
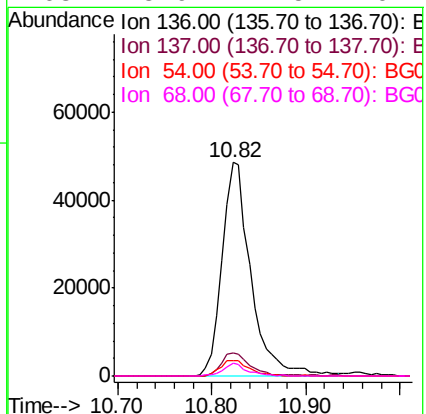
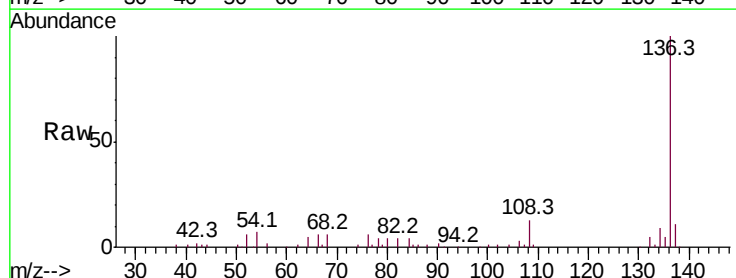
Ion Ratio Lower Upper

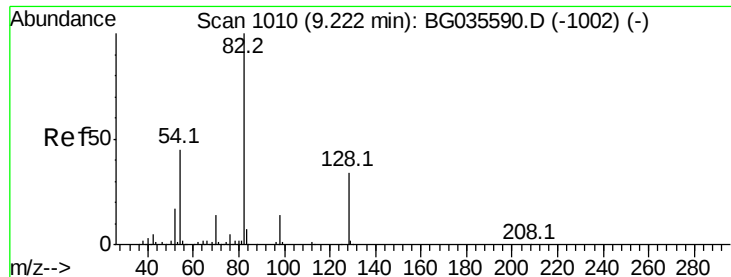
136 100

137 11.0 9.2 13.8

54 7.2 10.3 15.5#

68 5.9 4.5 6.7

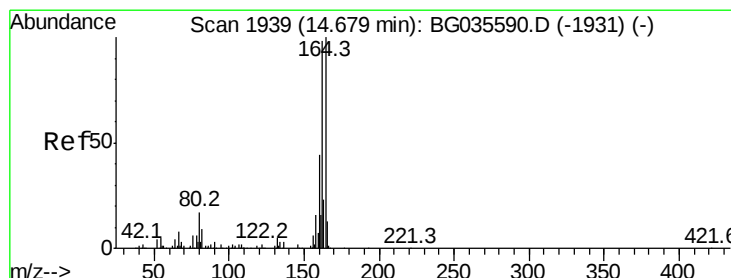
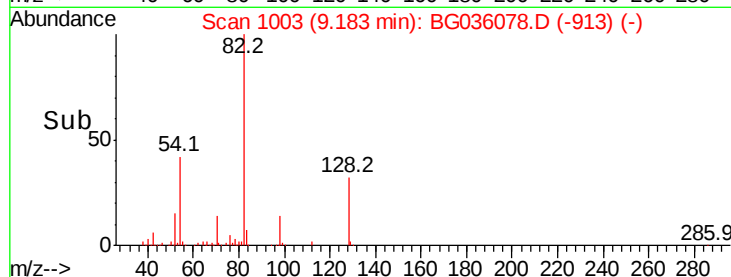
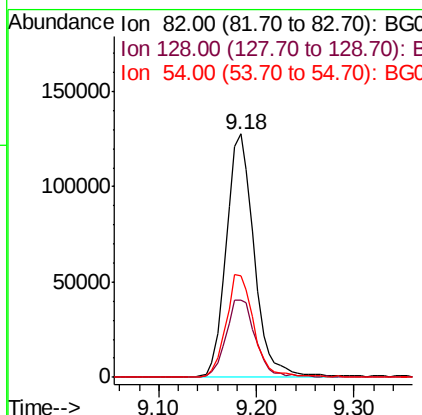
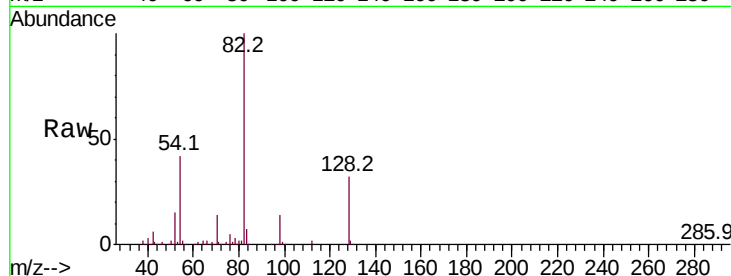




#23
Nitrobenzene-d5
Concen: 102.044 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

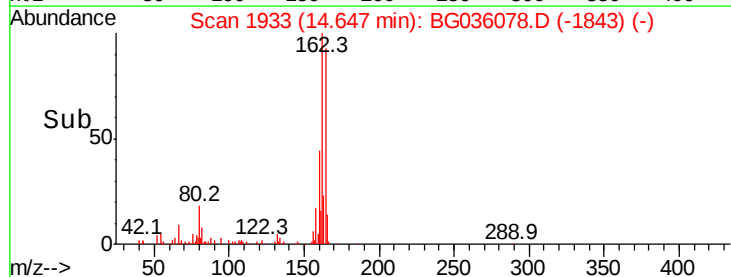
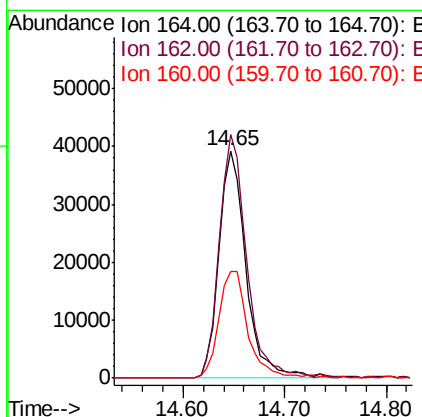
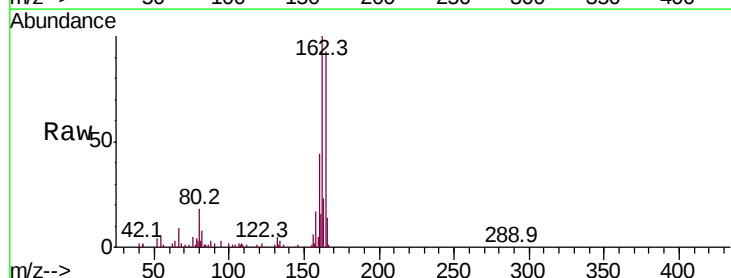
Instrument :
BNA_G
ClientSampleId :
KG-PIT-2

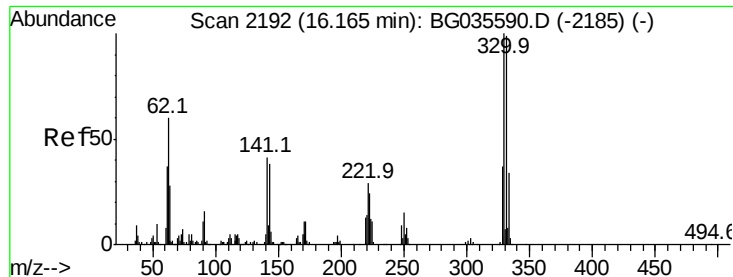
Tot Ion: 82 Resp: 254103
Ion Ratio Lower Upper
82 100
128 31.6 29.7 44.5
54 41.7 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

Tgt Ion:164 Resp: 72853
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 47.2 35.4 53.0

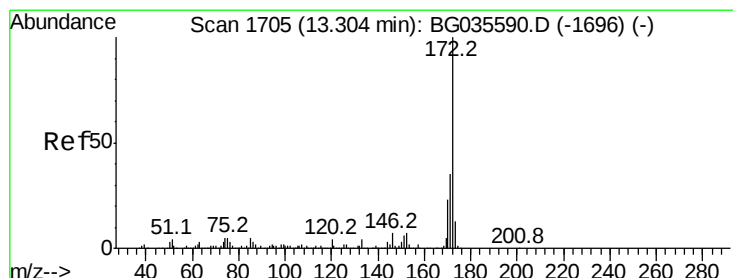
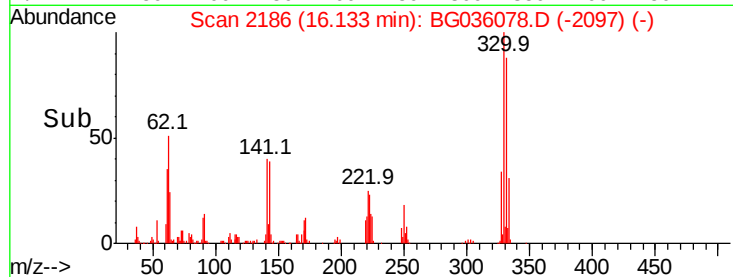
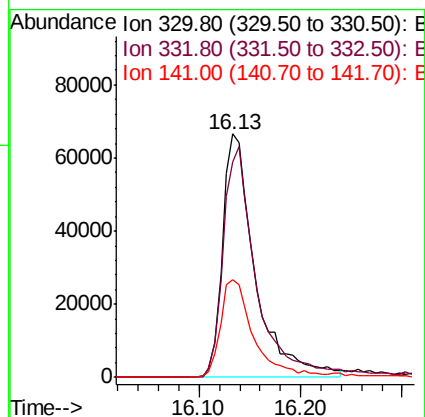
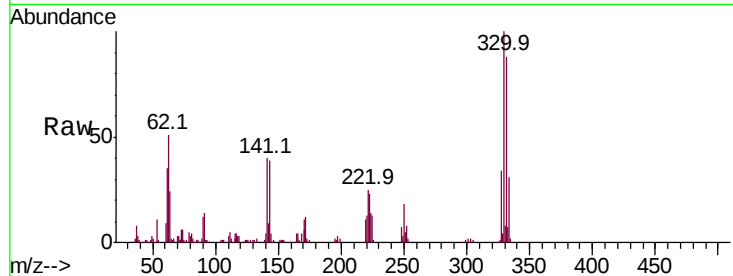




#41
 2,4,6-Tribromophenol
 Concen: 154.976 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

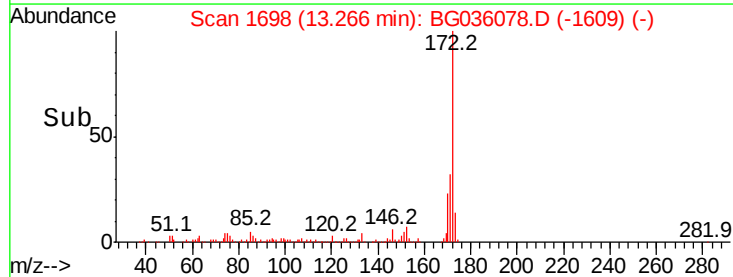
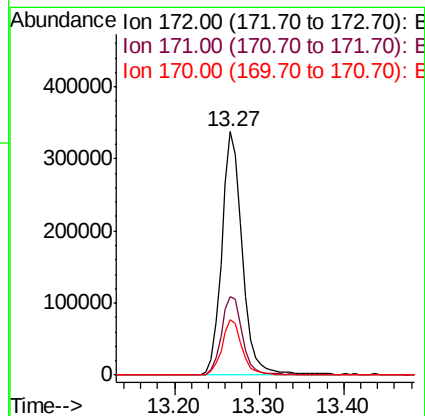
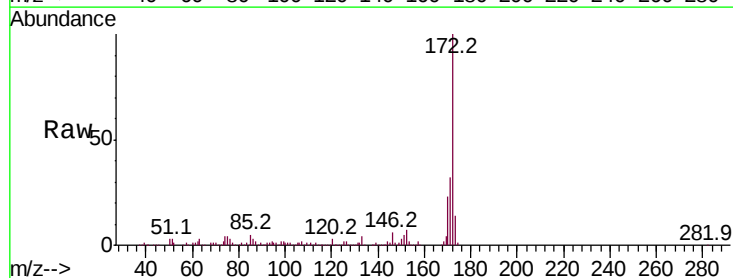
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

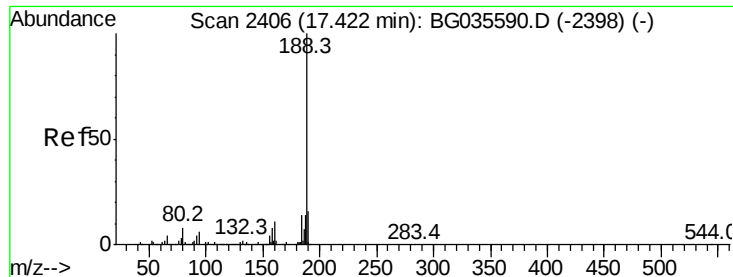
Tot Ion:330 Resp: 148816
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 40.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.396 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Tgt Ion:172 Resp: 573126
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.0 45.0
 170 22.9 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampled :

KG-PIT-2

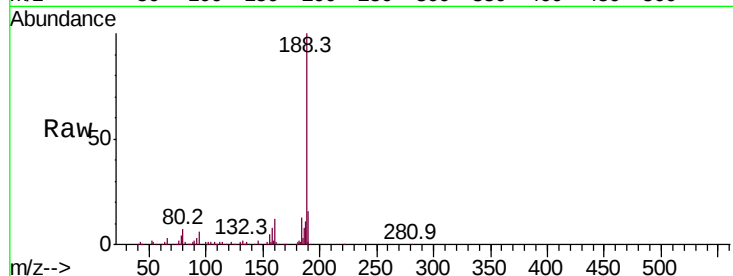
Tot Ion:188 Resp: 214587

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

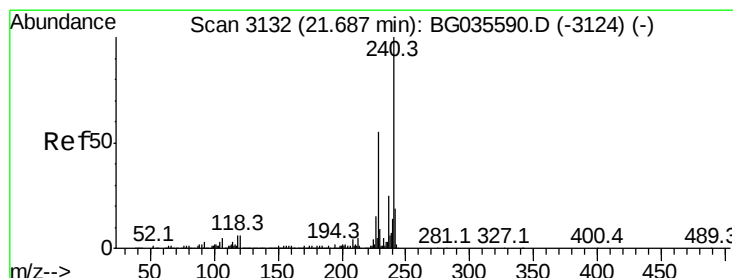
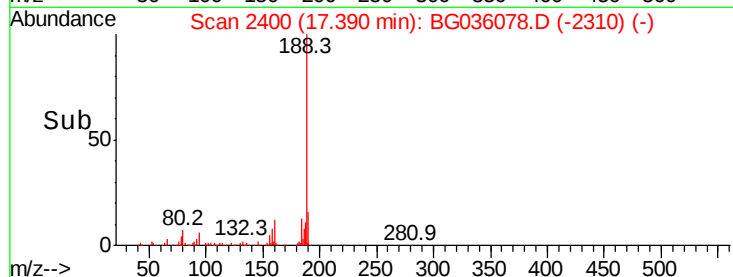
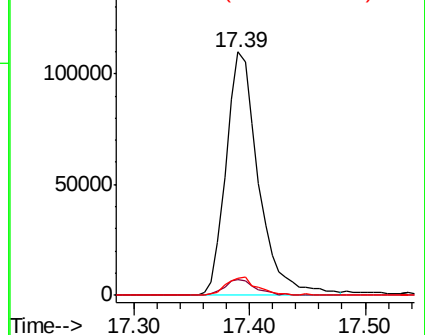
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

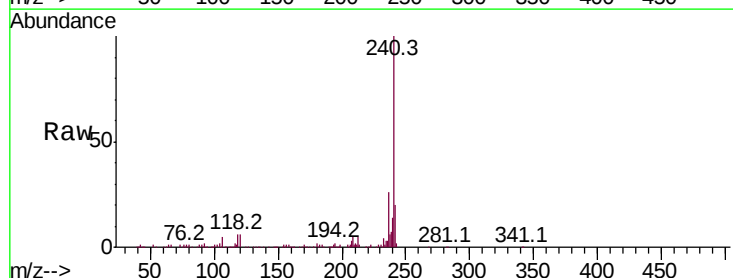
Tgt Ion:240 Resp: 250266

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

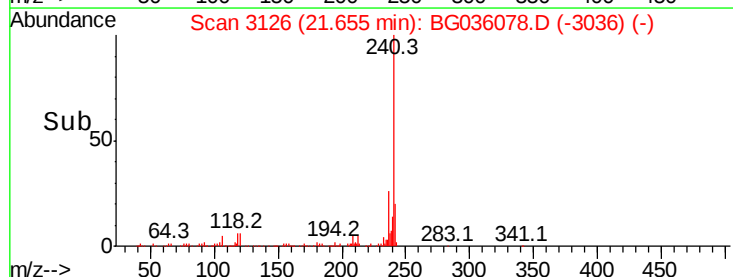
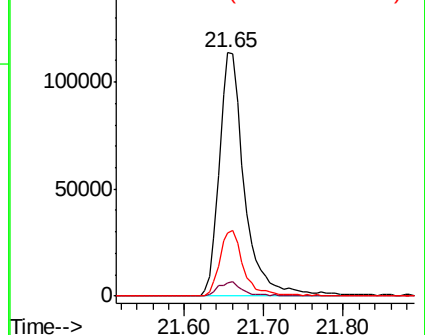
236 25.9 20.9 31.3

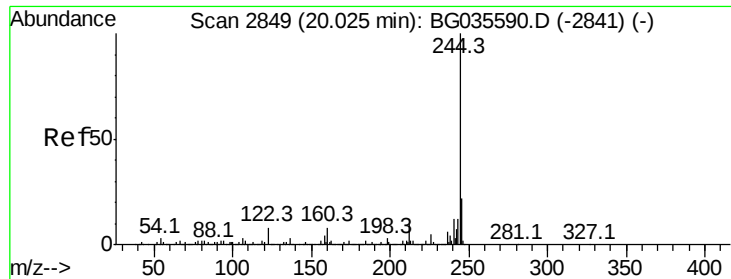


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 112.267 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

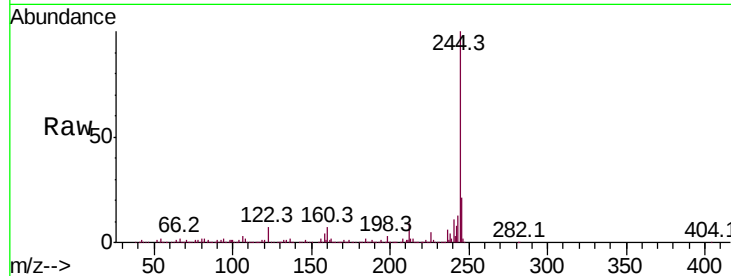
Tot Ion:244 Resp: 1274624

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

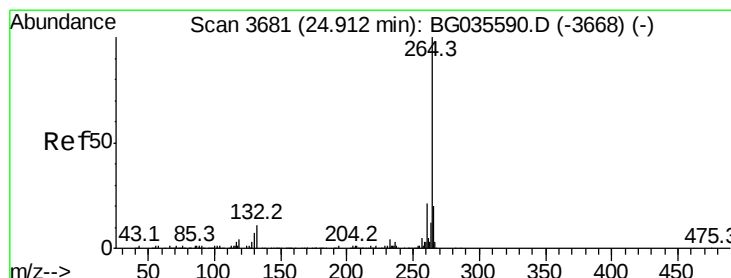
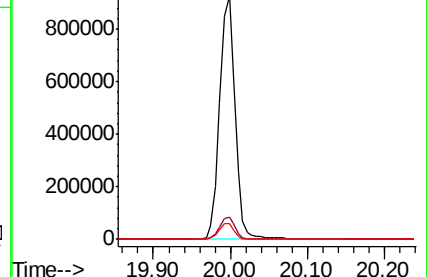
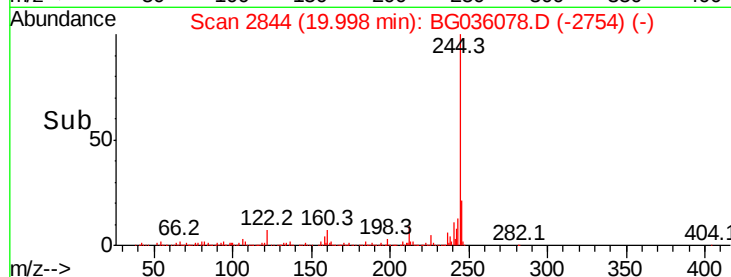
122 6.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

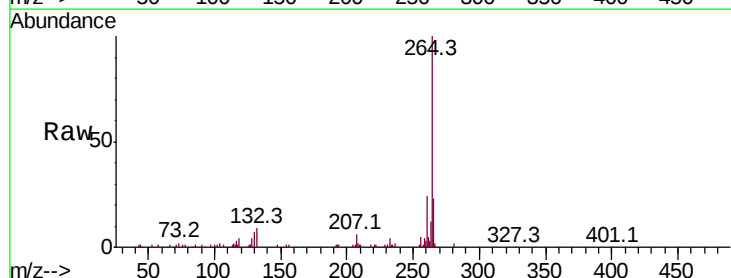
Tgt Ion:264 Resp: 213517

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 23.2 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

