

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036160.D
 Acq On : 7 Aug 2018 13:06
 Operator : JU/SJ
 Sample : J4348-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11930

Quant Time: Aug 07 13:41:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31227	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	108637	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	78773	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	227389	20.00	ng	0.00
75) Chrysene-d12	21.64	240	253609	20.00	ng	0.00
86) Perylene-d12	24.83	264	238419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	257020	136.65	ng	0.00
7) Phenol-d6	7.18	99	329802	117.52	ng	0.00
23) Nitrobenzene-d5	9.17	82	263366	101.27	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	194832	187.65	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	617381	105.00	ng	0.00
78) Terphenyl-d14	19.99	244	1308215	113.71	ng	0.00

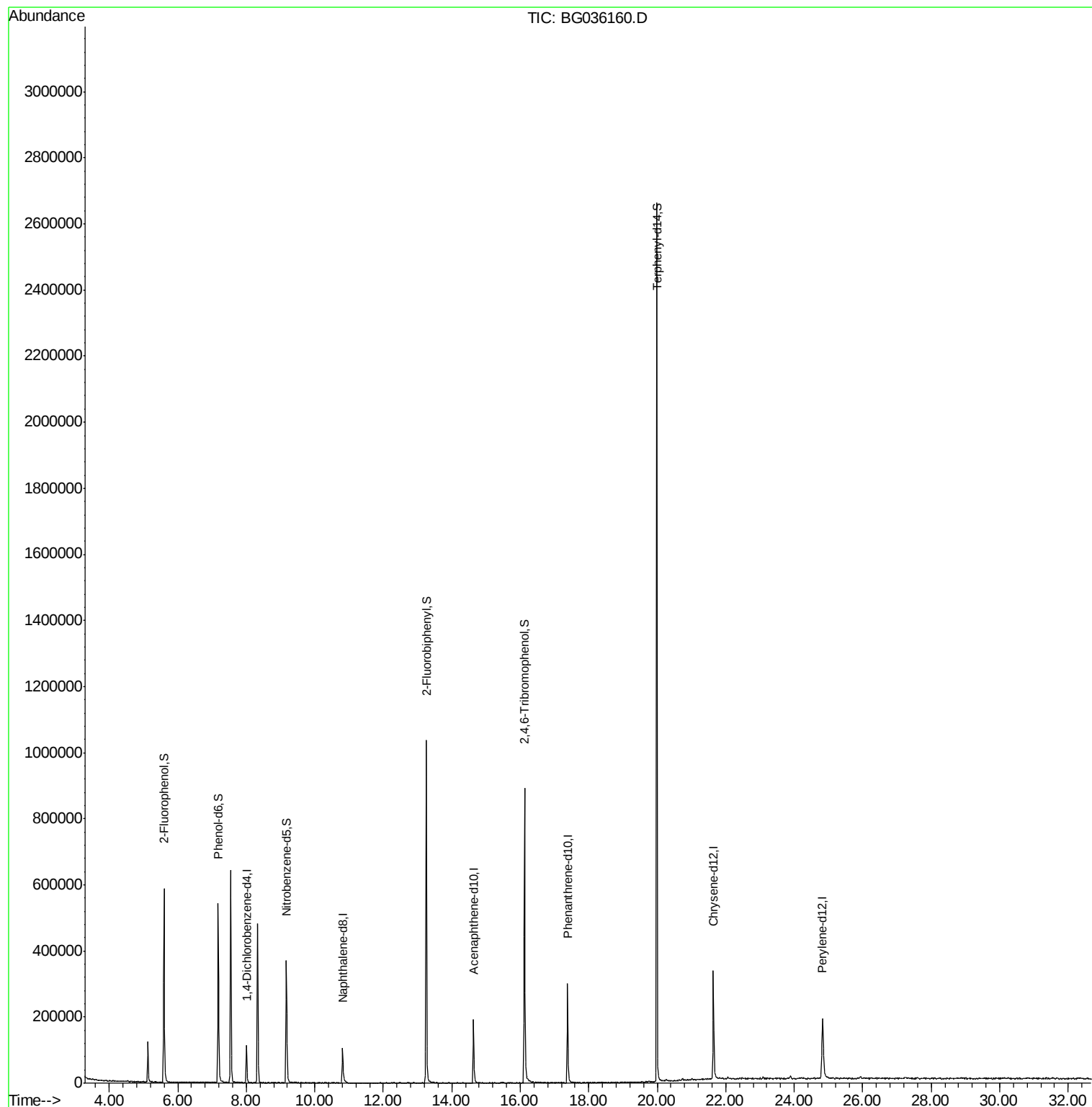
Target Compounds Qvalue

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

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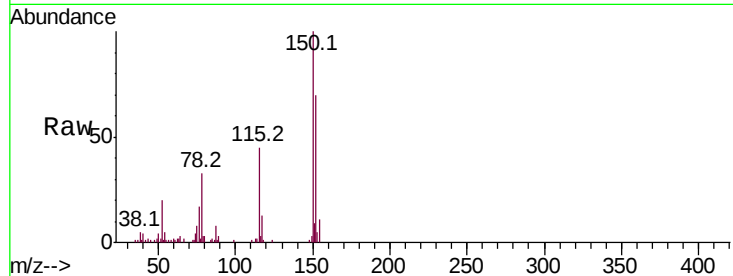


#1

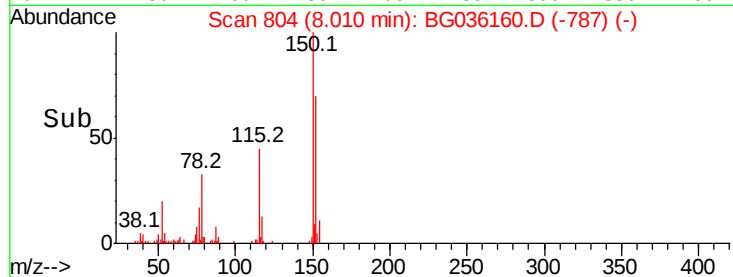
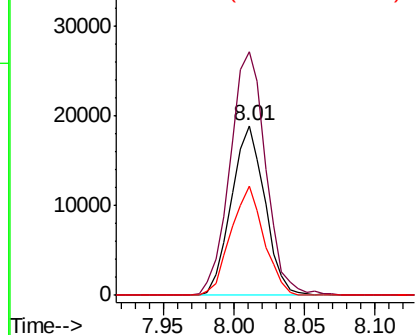
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG036160.D
Acq: 7 Aug 2018 13:06

Instrument :
BNA_G
ClientSampleId :
72-11930

Tot Ion:152 Resp: 31227
Ion Ratio Lower Upper
152 100
150 143.2 126.6 189.8
115 64.3 53.0 79.4



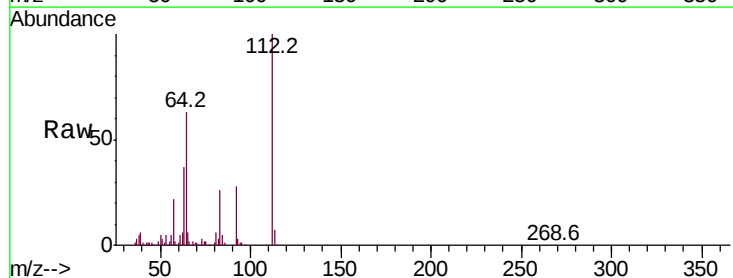
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



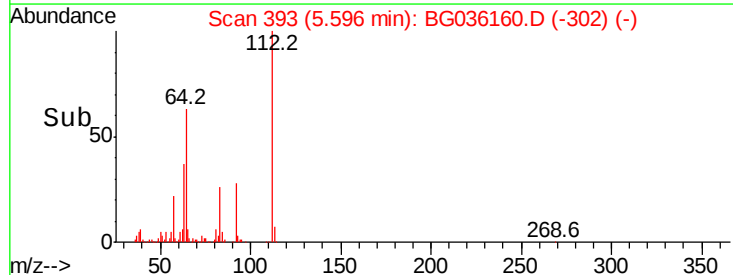
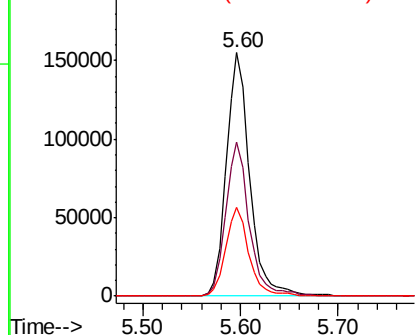
#5

2-Fluorophenol
Concen: 136.649 ng
RT: 5.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: BG036160.D
Acq: 7 Aug 2018 13:06

Tgt Ion:112 Resp: 257020
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 36.6 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: 117.524 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

Instrument :

BNA_G

ClientSampleId :

72-11930

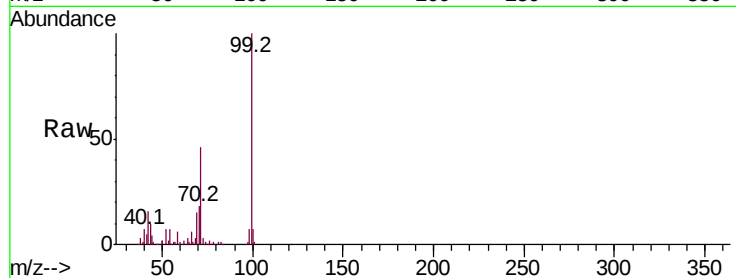
Tot Ion: 99 Resp: 329802

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

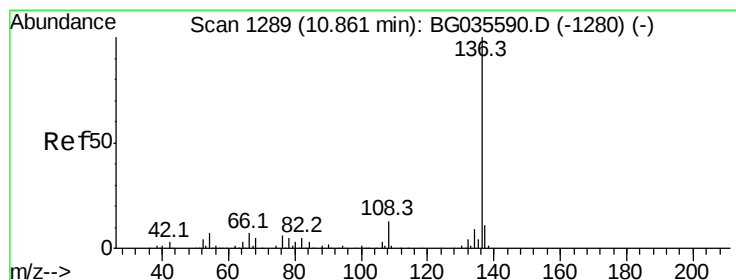
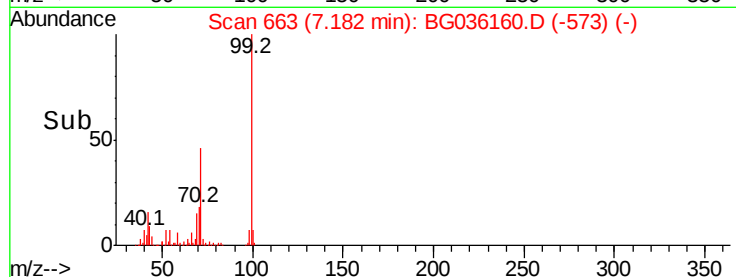
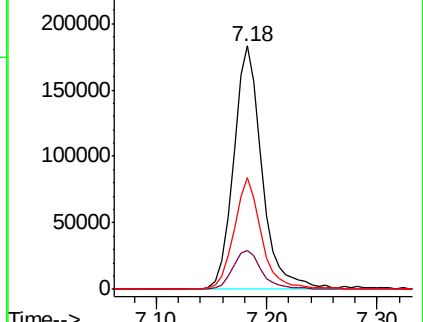
71 46.2 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

Tgt Ion: 136 Resp: 108637

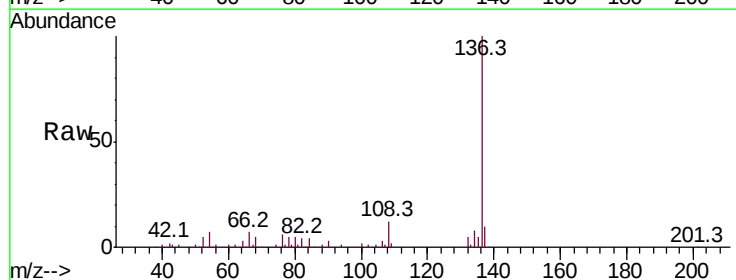
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.3 10.3 15.5#

68 4.8 4.5 6.7

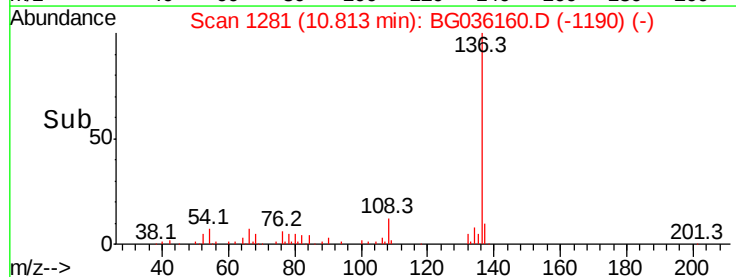
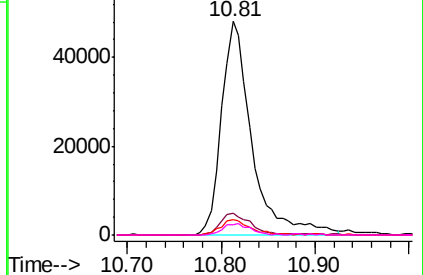


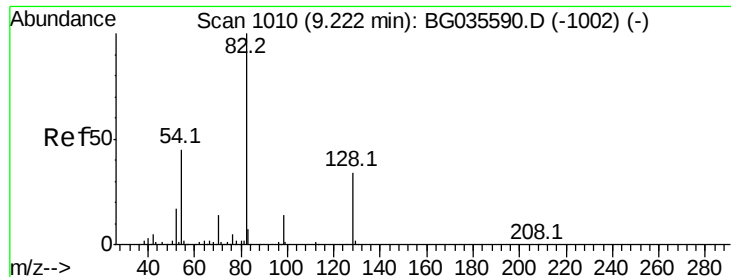
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

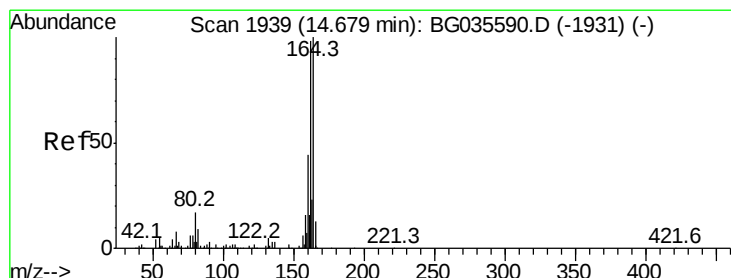
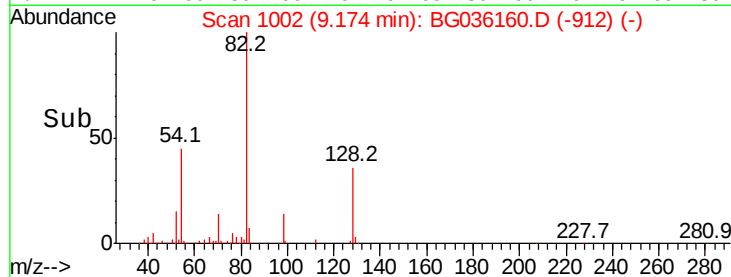
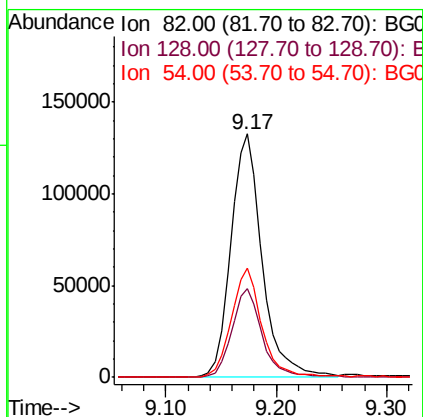
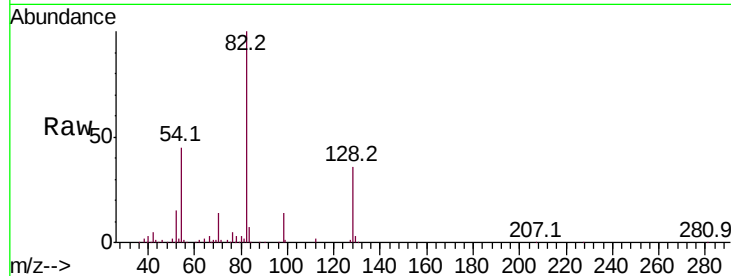




#23
Nitrobenzene-d5
Concen: 101.273 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG036160.D
Acq: 7 Aug 2018 13:06

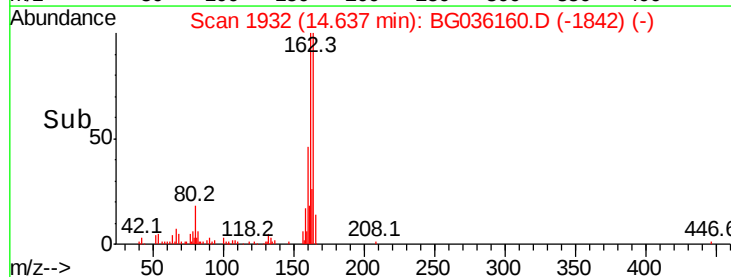
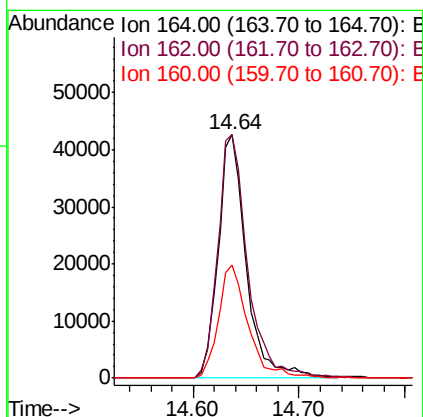
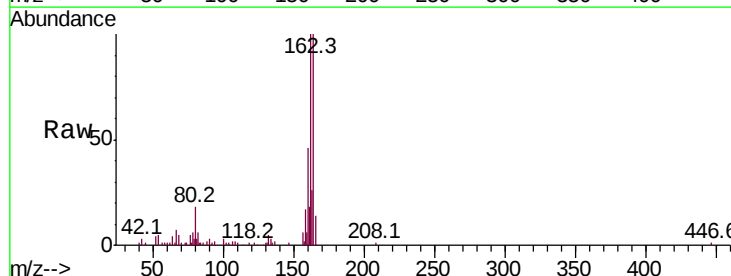
Instrument :
BNA_G
ClientSampleId :
72-11930

Tot Ion: 82 Resp: 263366
Ion Ratio Lower Upper
82 100
128 36.4 29.7 44.5
54 45.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG036160.D
Acq: 7 Aug 2018 13:06

Tgt Ion:164 Resp: 78773
Ion Ratio Lower Upper
164 100
162 100.2 78.8 118.2
160 46.5 35.4 53.0

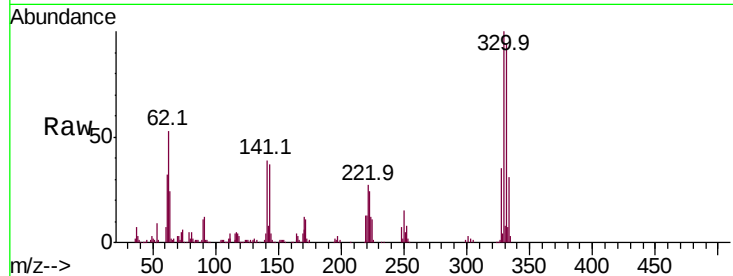




#41
 2,4,6-Tribromophenol
 Concen: 187.649 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG036160.D
 Acq: 7 Aug 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 72-11930

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	37.0	25.2	37.8

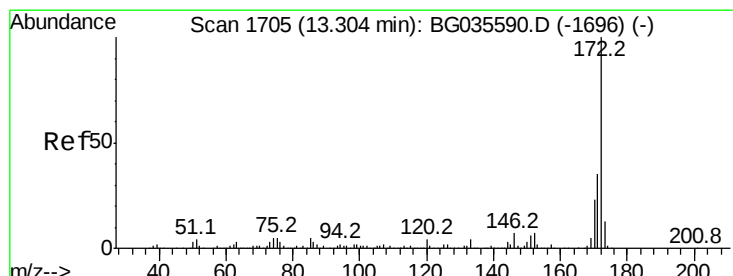
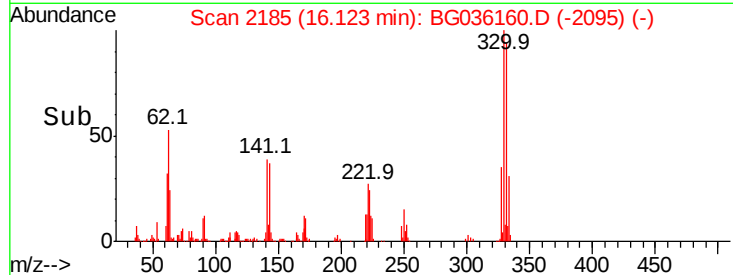
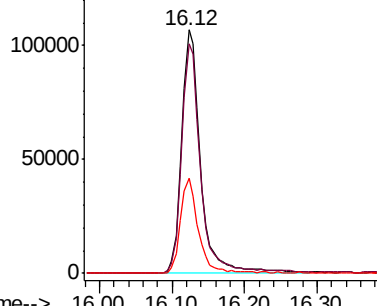


Abundance

Ion 329.80 (329.50 to 330.50): E

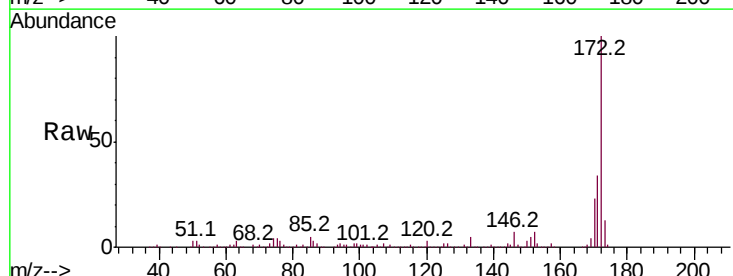
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.002 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG036160.D
 Acq: 7 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.3	19.5	29.3

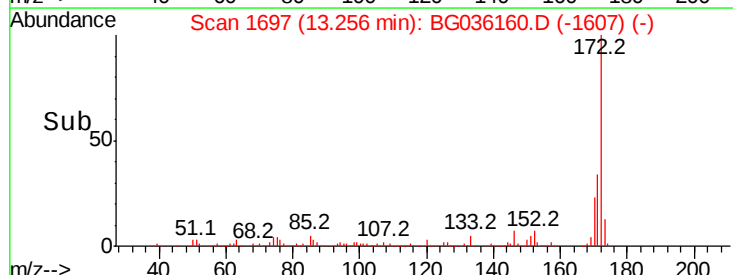
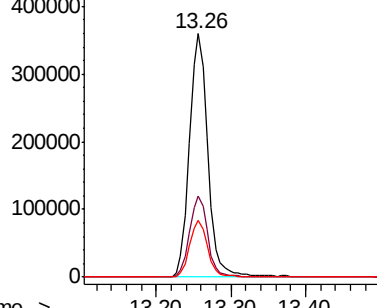


Abundance

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: 17.38 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

Instrument :

BNA_G

ClientSampleId :

72-11930

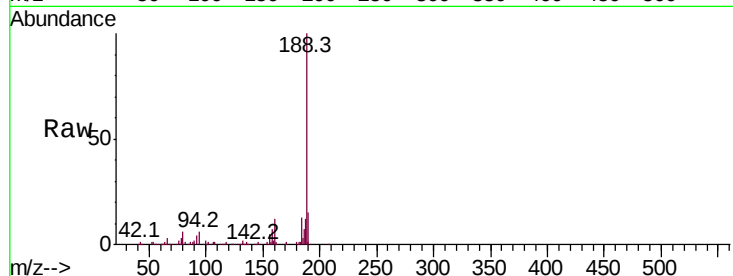
Tot Ion:188 Resp: 227389

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

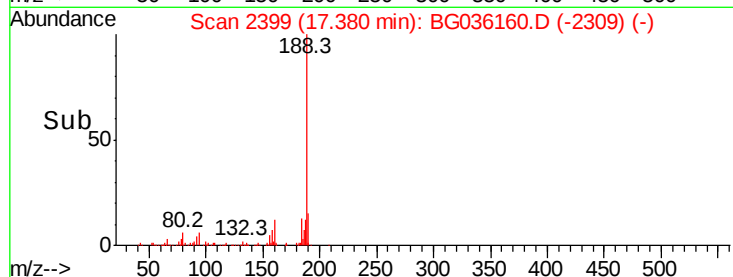
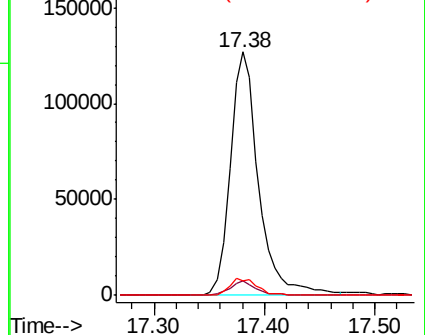
80 6.2 7.7 11.5#



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: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

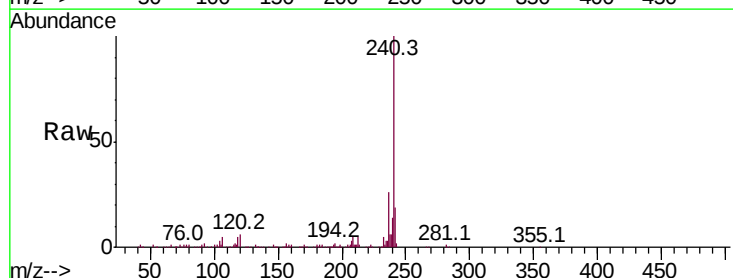
Tgt Ion:240 Resp: 253609

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

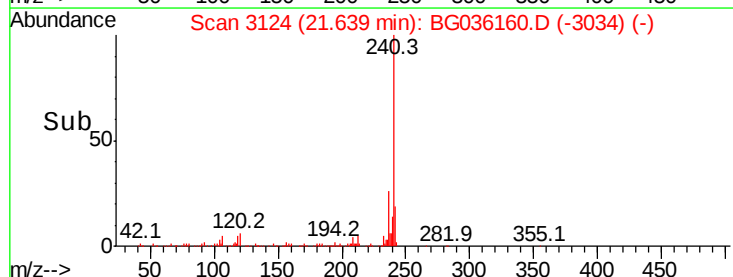
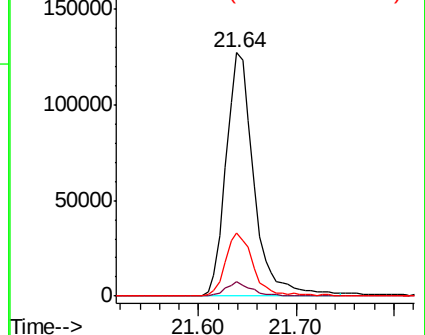
236 26.2 20.9 31.3



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: 113.707 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

Instrument :

BNA_G

ClientSampleId :

72-11930

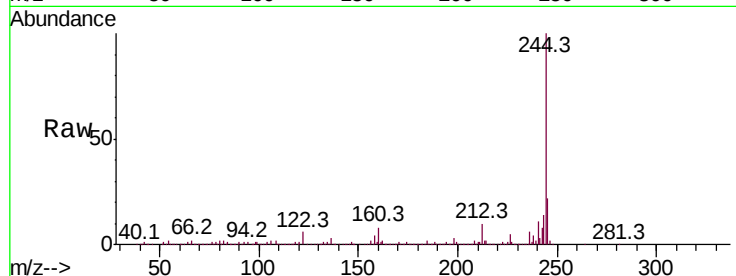
Tot Ion:244 Resp: 1308215

Ion Ratio Lower Upper

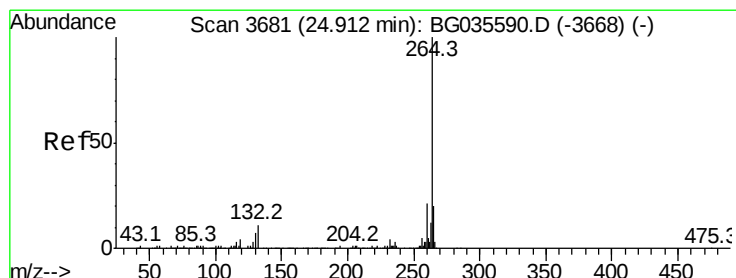
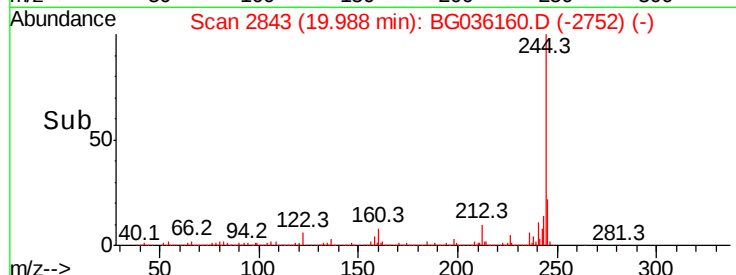
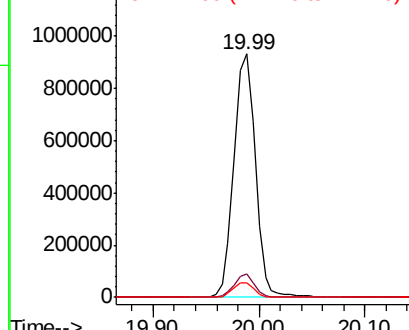
244 100

212 9.7 5.8 8.8#

122 6.1 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: 24.83 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG036160.D

Acq: 7 Aug 2018 13:06

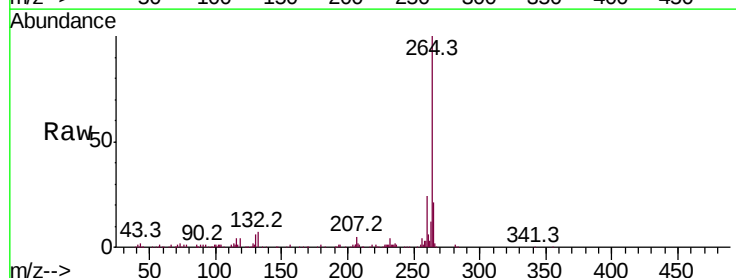
Tgt Ion:264 Resp: 238419

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.1 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

