

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032813.D
 Acq On : 24 Feb 2018 6:16
 Operator : SJ/JU
 Sample : PB106794TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106794TB

Quant Time: Feb 25 23:53:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	65112	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	271252	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	147406	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	350381	20.00	ng	0.00
75) Chrysene-d12	22.63	240	361529	20.00	ng	0.00
86) Perylene-d12	26.44	264	380987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	418897	102.93	ng	0.00
7) Phenol-d6	8.02	99	541574	95.47	ng	0.00
23) Nitrobenzene-d5	10.12	82	288020	75.00	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	166663	107.53	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	685769	67.10	ng	0.00
78) Terphenyl-d14	20.79	244	1107095	68.80	ng	0.00

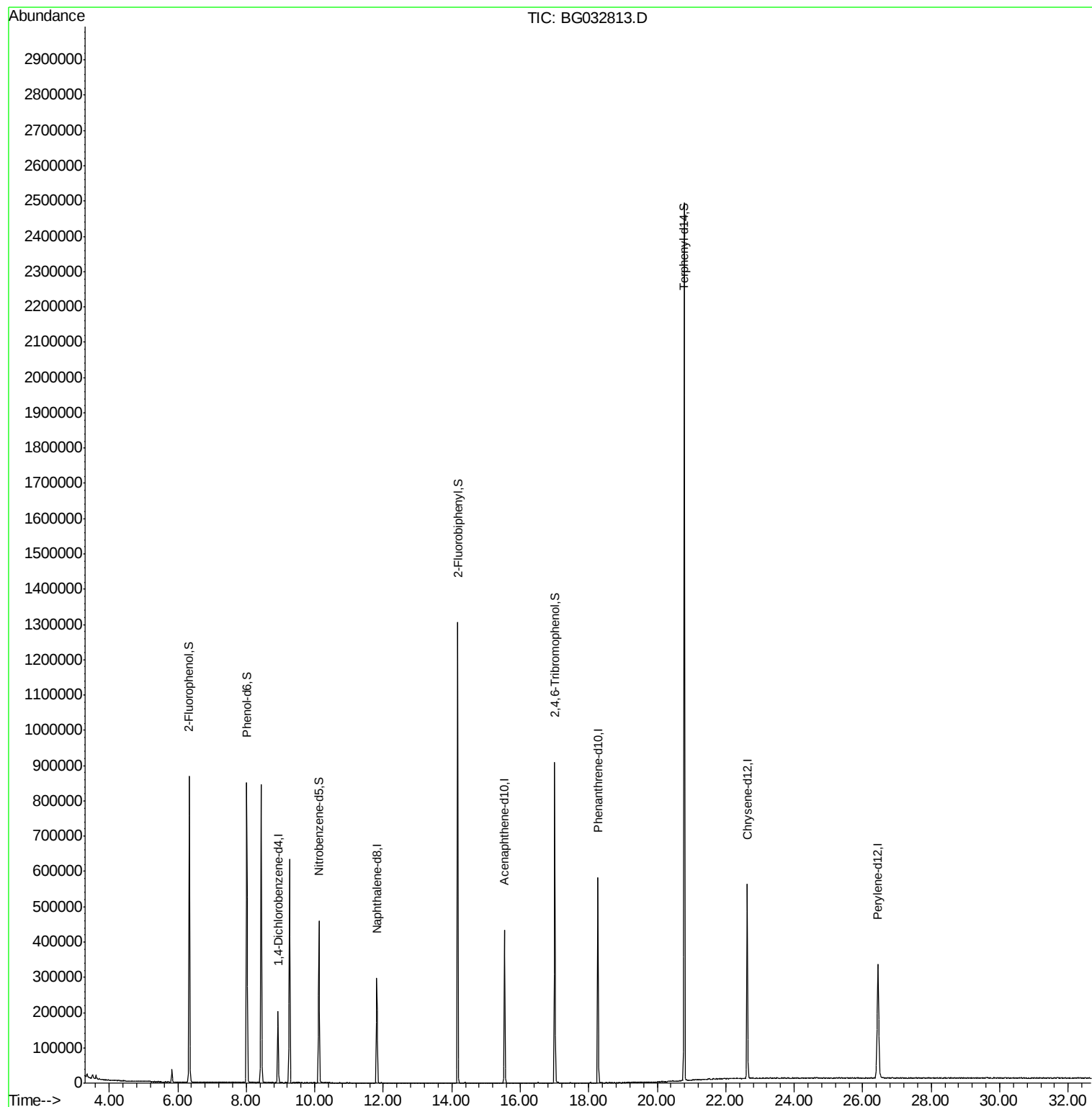
Target Compounds Qvalue

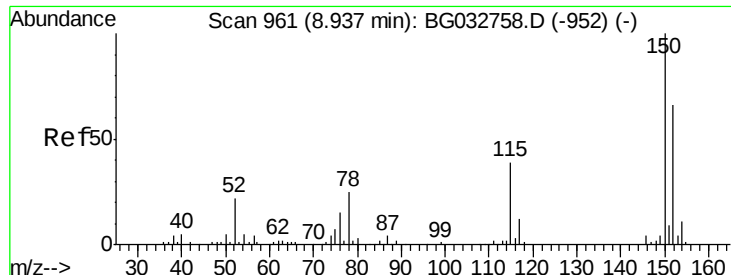
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

Instrument :

BNA_G

ClientSampleId :

PB106794TB

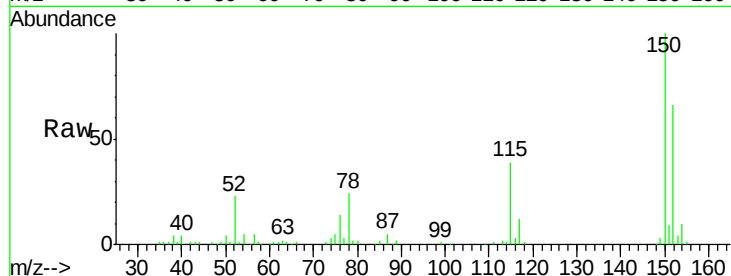
Tot Ion:152 Resp: 65112

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

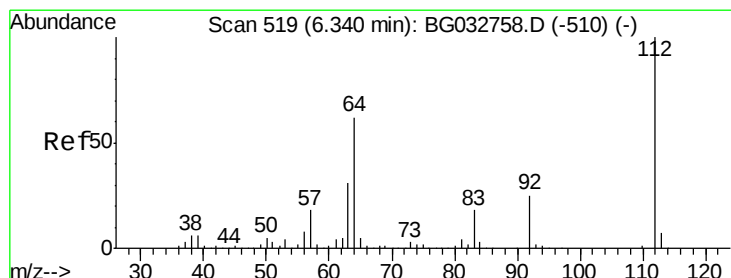
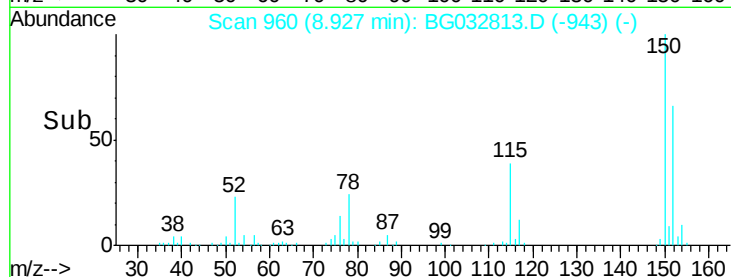
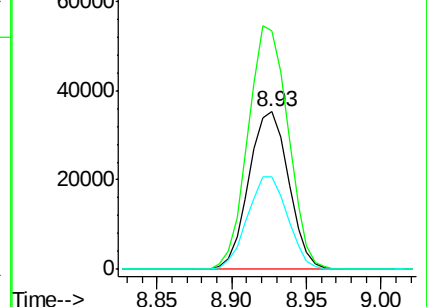
115 58.8 53.0 79.4



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: 102.93 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

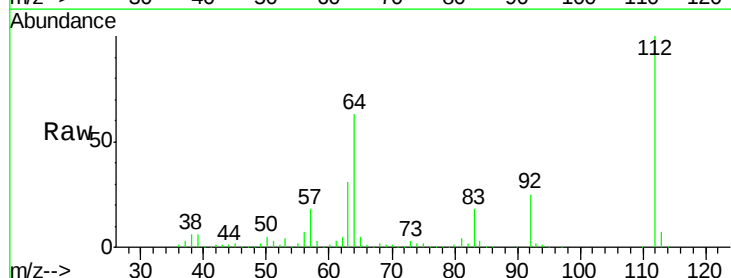
Tgt Ion:112 Resp: 418897

Ion Ratio Lower Upper

112 100

64 62.7 56.3 84.5

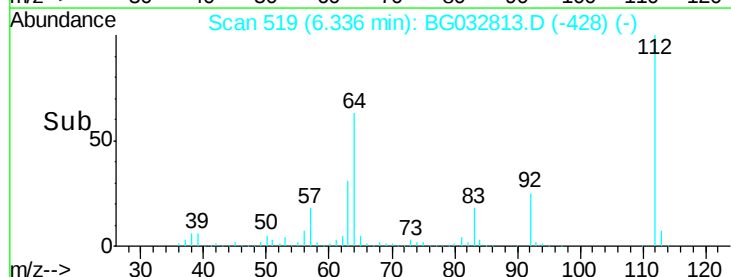
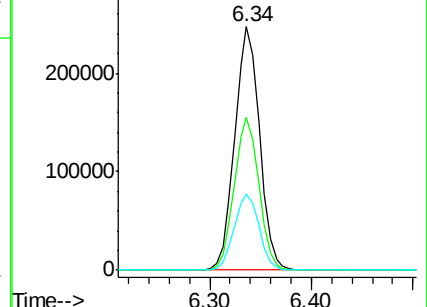
63 31.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.47 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

Instrument :

BNA_G

ClientSampleId :

PB106794TB

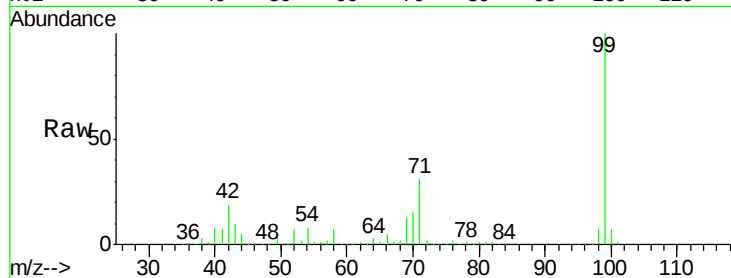
Tot Ion: 99 Resp: 541574

Ion Ratio Lower Upper

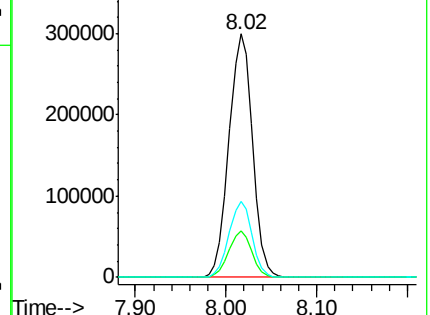
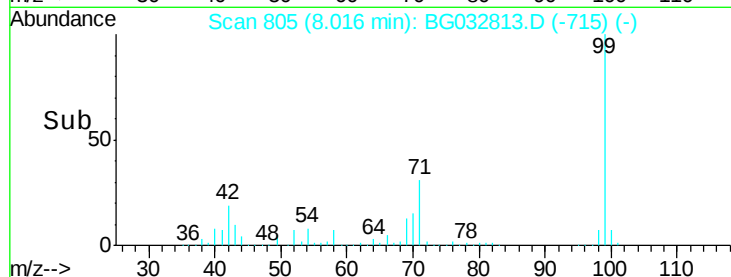
99 100

42 19.3 14.1 21.1

71 31.3 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: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

Tgt Ion: 136 Resp: 271252

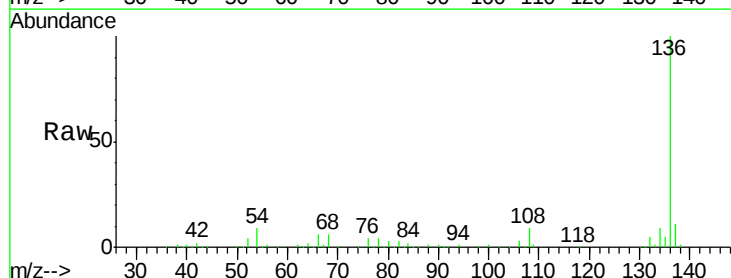
Ion Ratio Lower Upper

136 100

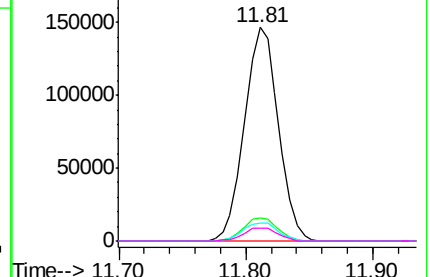
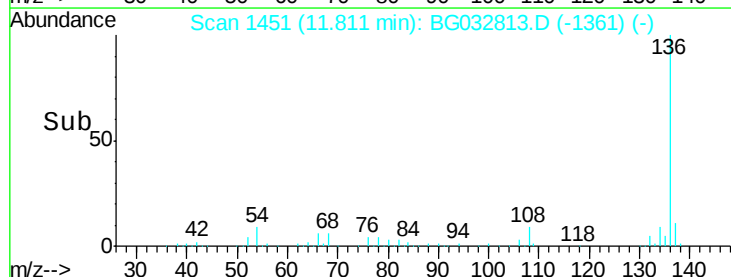
137 11.0 9.2 13.8

54 8.7 10.3 15.5#

68 6.1 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

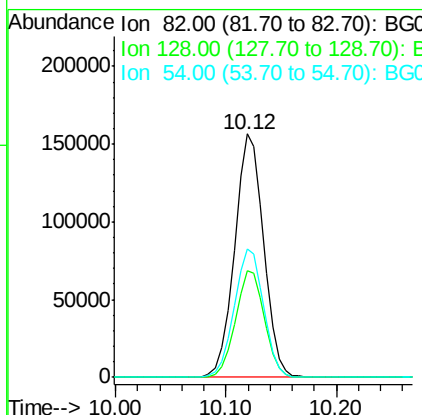
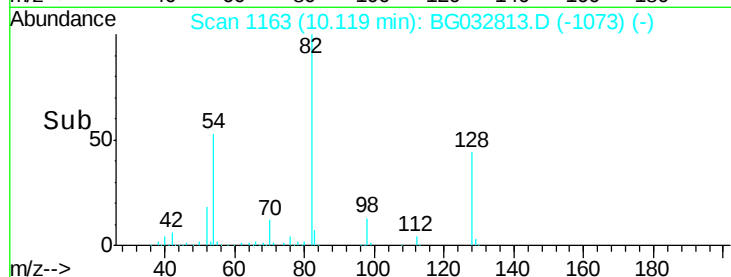
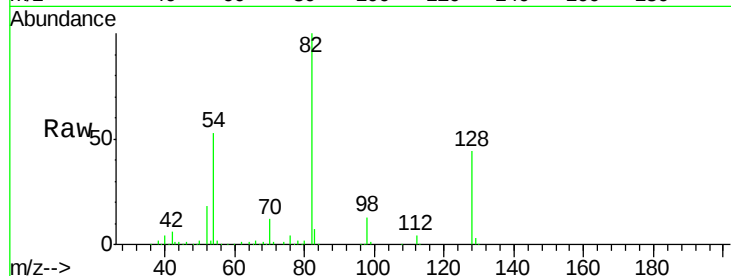




#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032813.D
 Acq: 24 Feb 2018 6:16

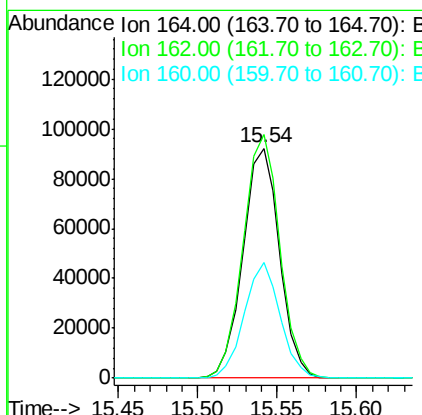
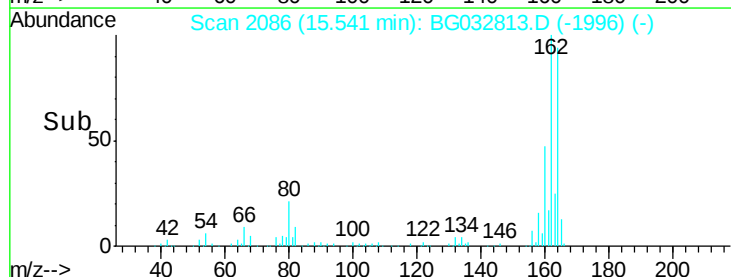
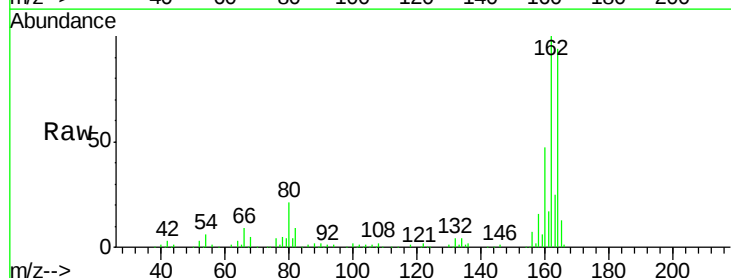
Instrument :
 BNA_G
 ClientSampleId :
 PB106794TB

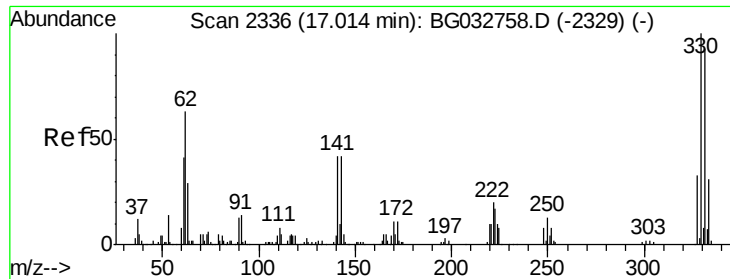
Tot Ion	82	Resp	288020
Ion Ratio	Lower	Upper	
82	100		
128	43.5	29.7	44.5
54	52.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG032813.D
 Acq: 24 Feb 2018 6:16

Tgt Ion	164	Resp	147406
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	50.2	35.4	53.0

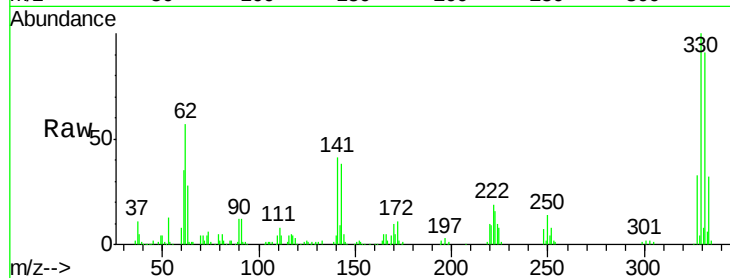




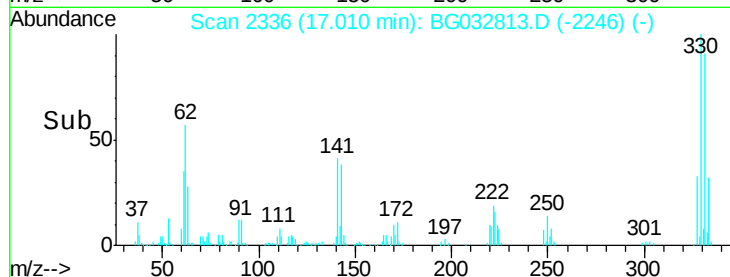
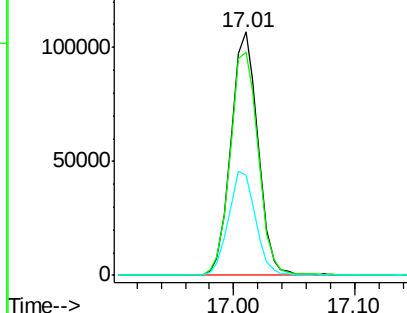
#41
 2,4,6-Tribromophenol
 Concen: 107.53 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032813.D
 Acq: 24 Feb 2018 6:16

Instrument :
 BNA_G
 ClientSampleId :
 PB106794TB

Tot Ion:330 Resp: 166663
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 43.0 25.2 37.8#

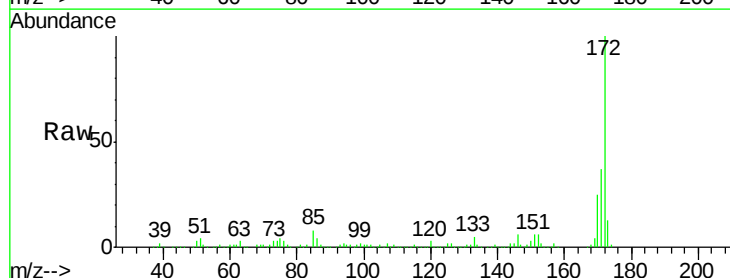


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

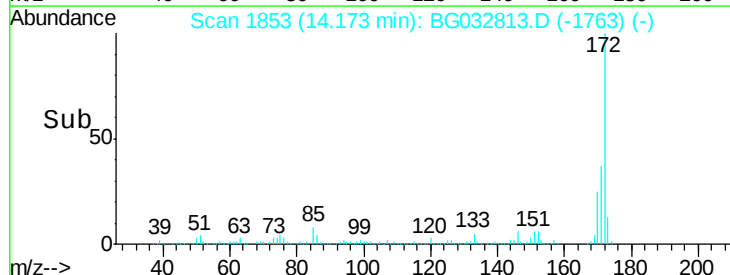
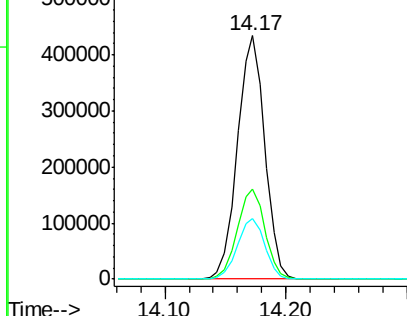


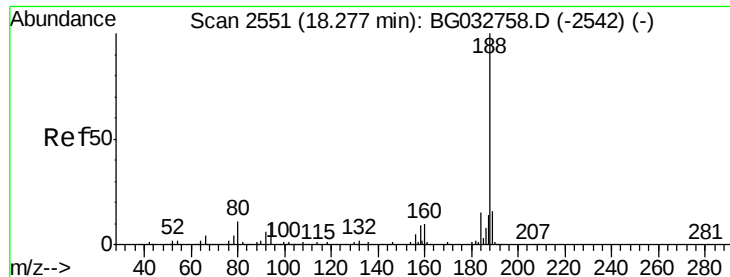
#44
 2-Fluorobiphenyl
 Concen: 67.10 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032813.D
 Acq: 24 Feb 2018 6:16

Tgt Ion:172 Resp: 685769
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 25.0 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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

Instrument :

BNA_G

ClientSampleId :

PB106794TB

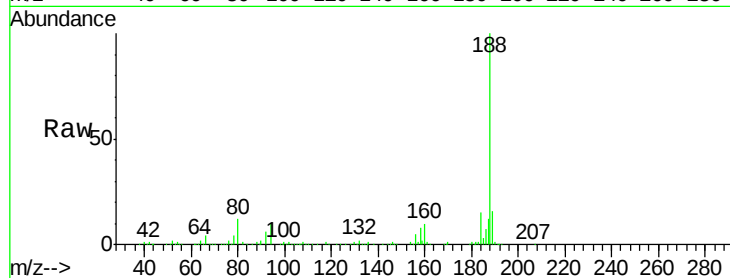
Tot Ion:188 Resp: 350381

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

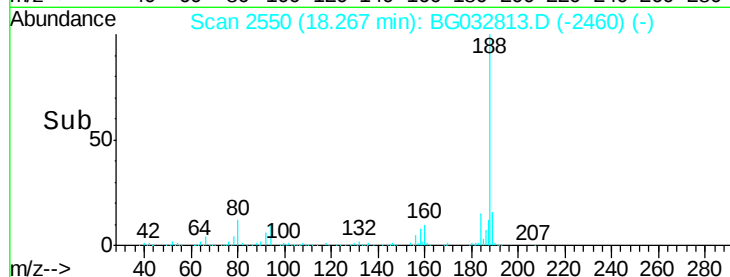
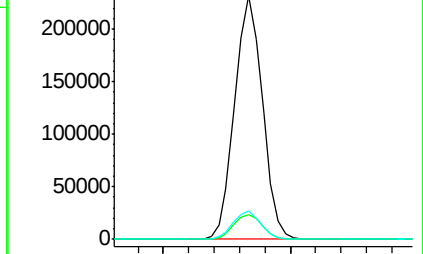
80 11.5 7.7 11.5



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

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

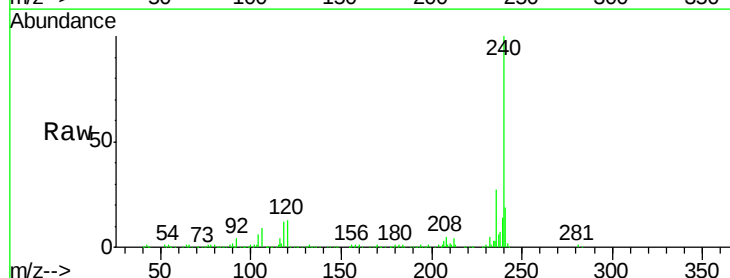
Tgt Ion:240 Resp: 361529

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

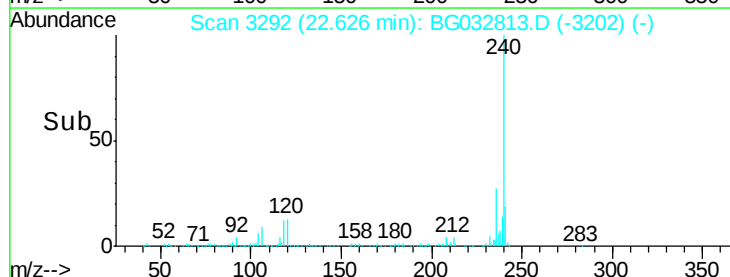
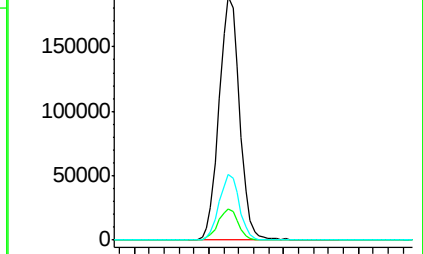
236 26.7 20.9 31.3



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: 68.80 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

Instrument :

BNA_G

ClientSampleID :

PB106794TB

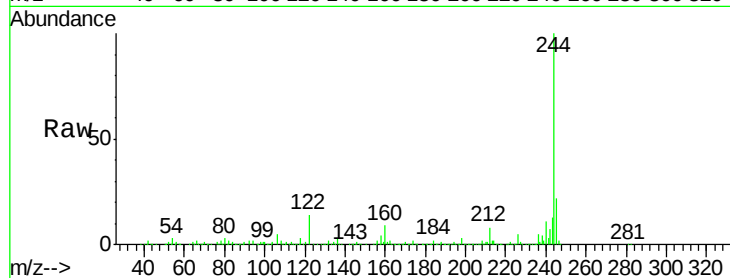
Tot Ion:244 Resp: 1107095

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

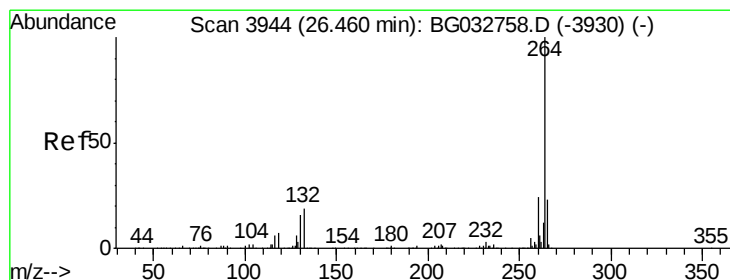
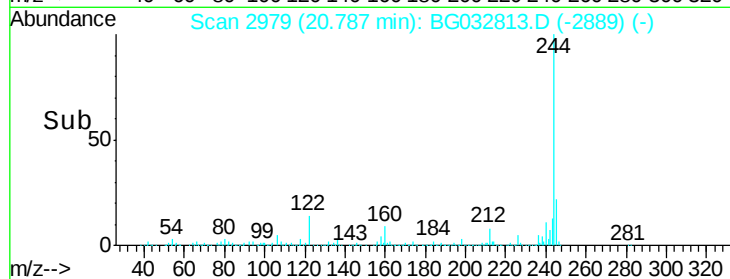
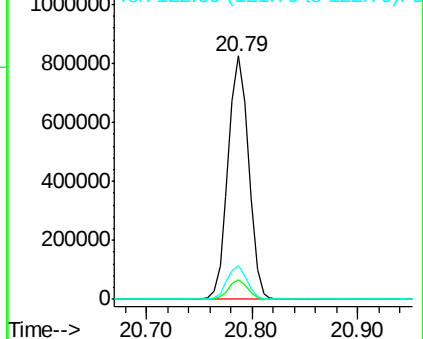
122 13.9 7.0 10.4#



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: 20.00 ng

RT: 26.44 min Scan# 3942

Delta R.T. -0.00 min

Lab File: BG032813.D

Acq: 24 Feb 2018 6:16

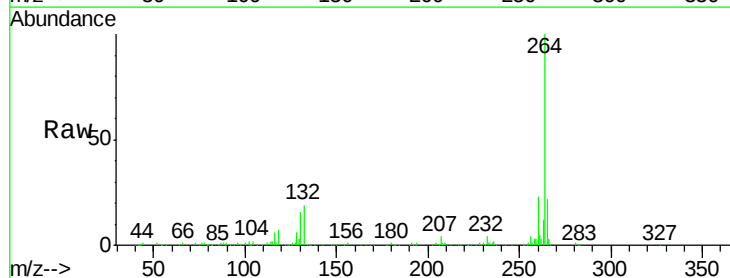
Tgt Ion:264 Resp: 380987

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.8 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

