

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032807.D
 Acq On : 24 Feb 2018 1:50
 Operator : SJ/JU
 Sample : PB106794BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BL

Quant Time: Feb 24 05:53:00 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	8.92	152	63196	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	269077	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	144469	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	344382	20.00	ng	0.00
75) Chrysene-d12	22.62	240	351681	20.00	ng	0.00
86) Perylene-d12	26.44	264	366099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	425732	107.78	ng	0.00
7) Phenol-d6	8.02	99	552409	100.33	ng	0.00
23) Nitrobenzene-d5	10.12	82	296343	77.43	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	172110	113.30	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	697161	69.60	ng	0.00
78) Terphenyl-d14	20.79	244	1118492	71.46	ng	0.00

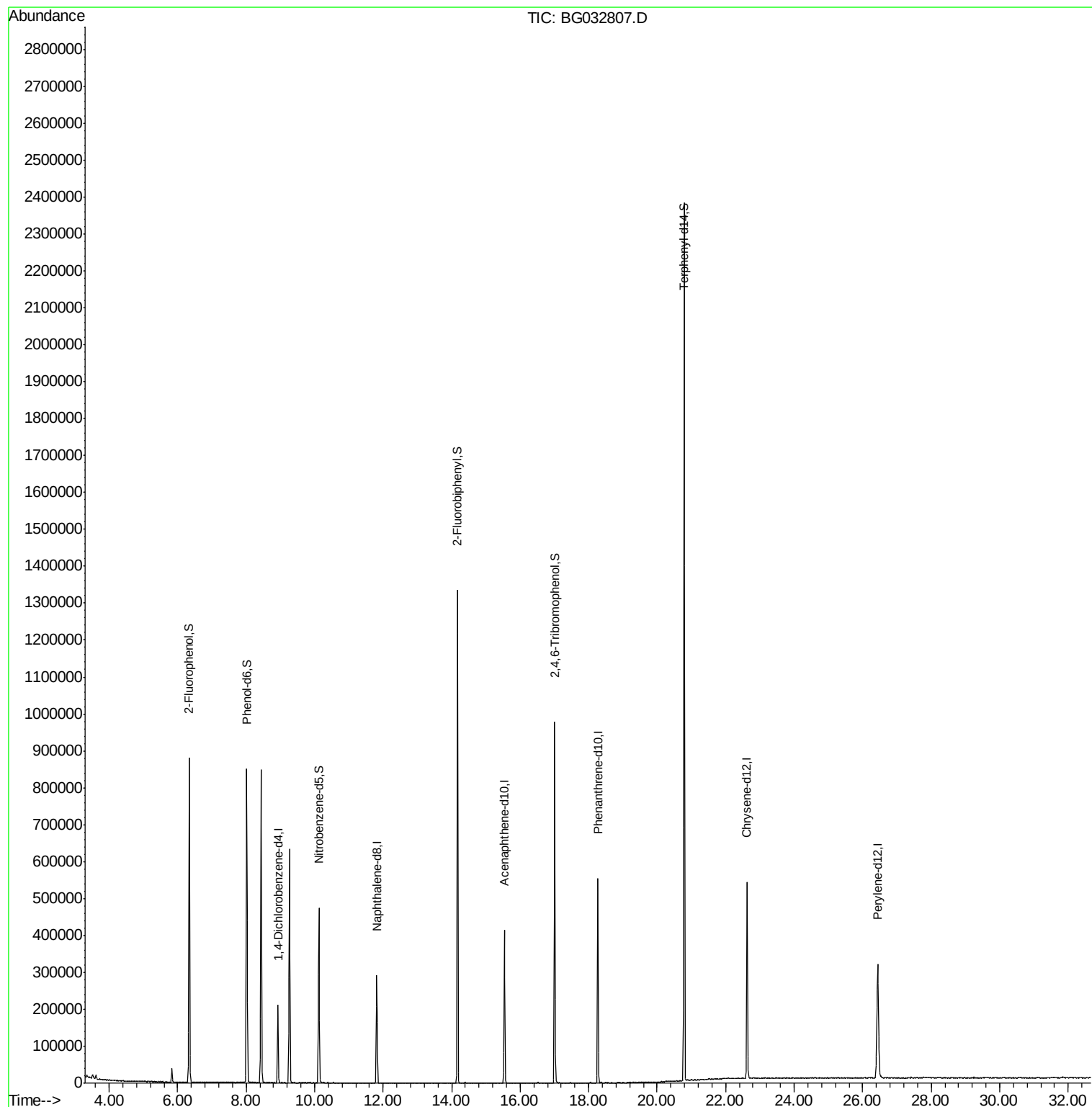
Target Compounds Qvalue

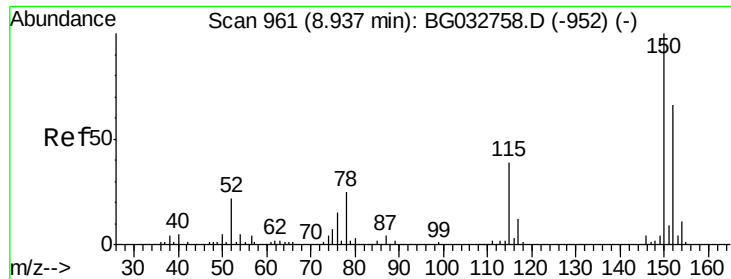
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 23 17:04:54 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032807.D

Acq: 24 Feb 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB106794BL

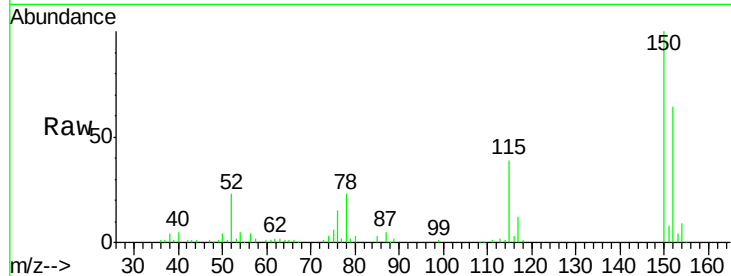
Tot Ion:152 Resp: 63196

Ion Ratio Lower Upper

152 100

150 157.1 126.6 189.8

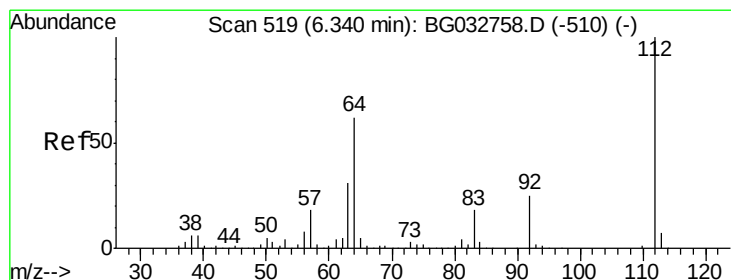
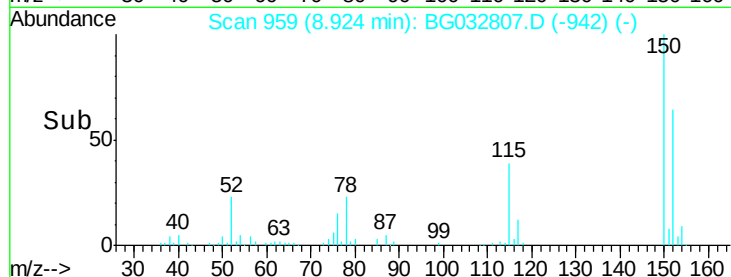
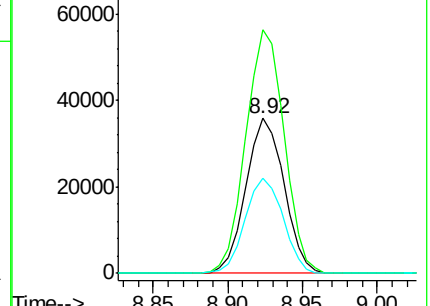
115 61.1 53.0 79.4



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: 107.78 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.01 min

Lab File: BG032807.D

Acq: 24 Feb 2018 1:50

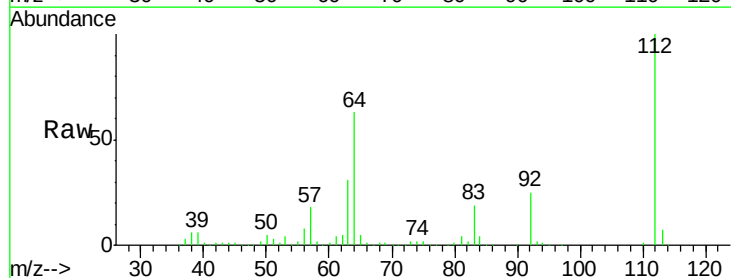
Tgt Ion:112 Resp: 425732

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

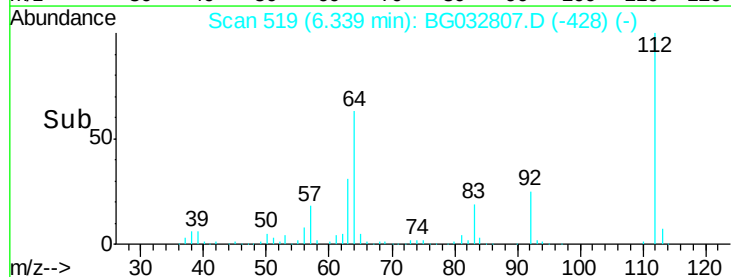
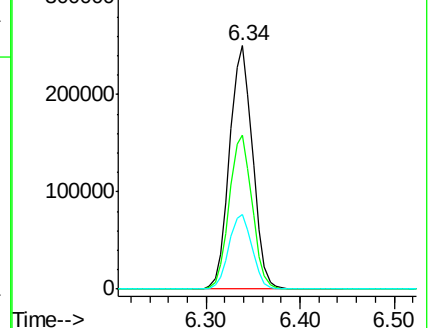
63 30.9 30.1 45.1

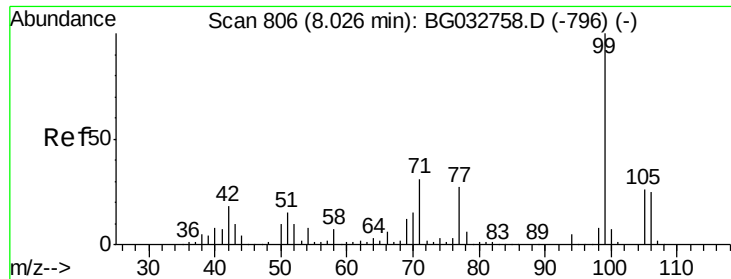


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.33 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032807.D

Acq: 24 Feb 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB106794BL

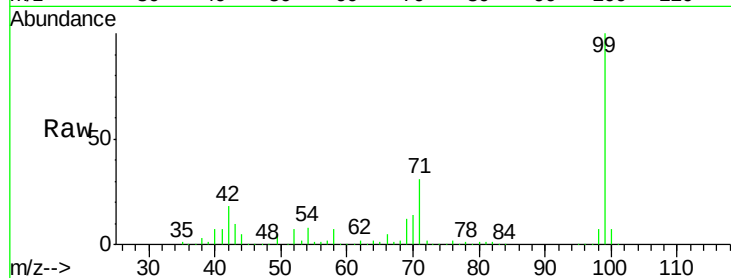
Tot Ion: 99 Resp: 552409

Ion Ratio Lower Upper

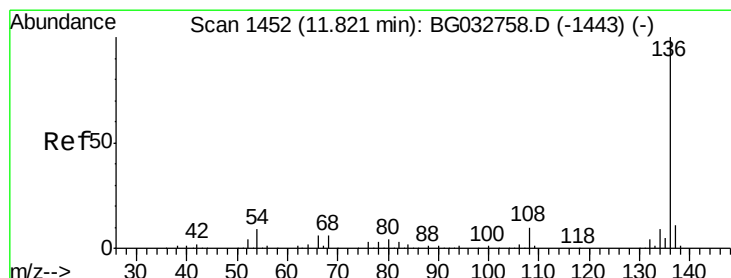
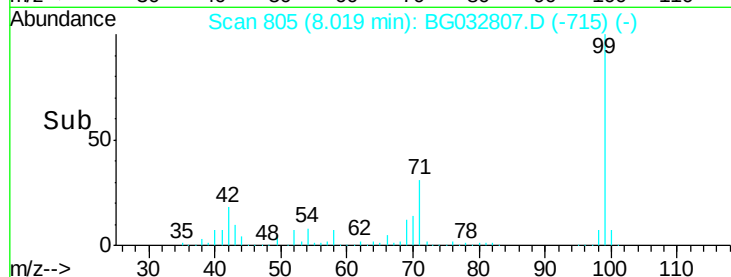
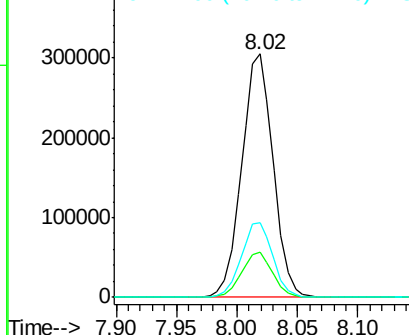
99 100

42 18.4 14.1 21.1

71 30.8 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: BG032807.D

Acq: 24 Feb 2018 1:50

Tgt Ion: 136 Resp: 269077

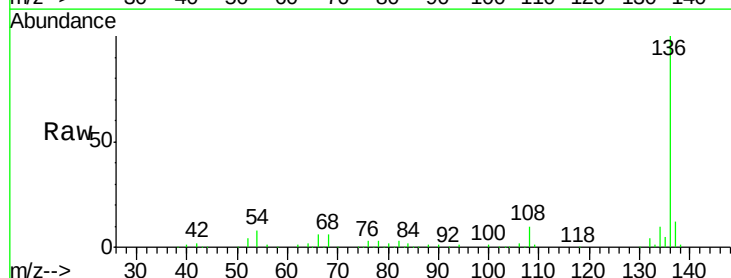
Ion Ratio Lower Upper

136 100

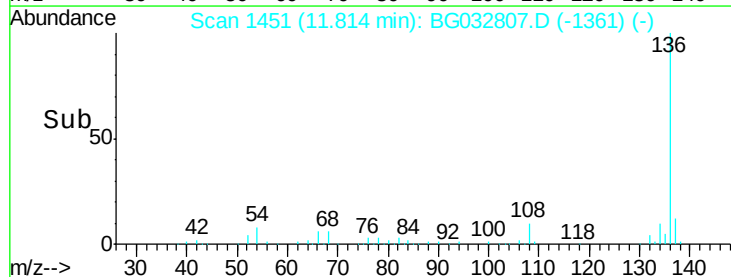
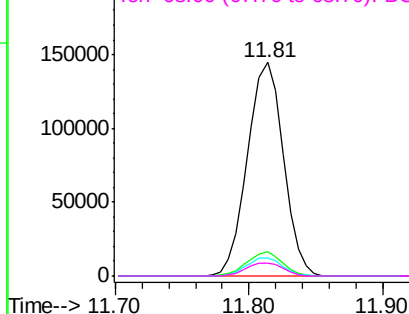
137 11.5 9.2 13.8

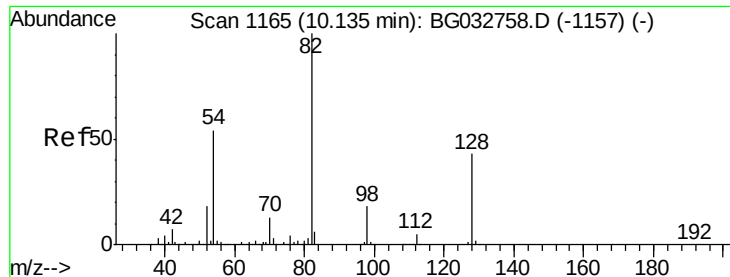
54 8.4 10.3 15.5#

68 6.3 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

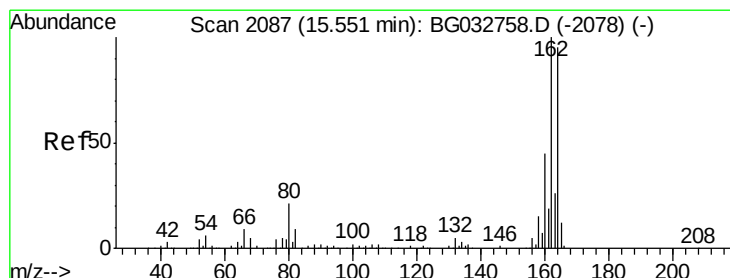
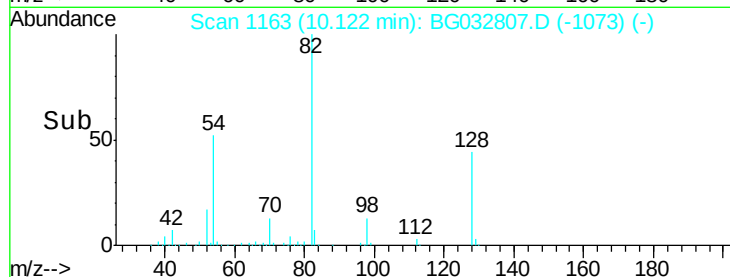
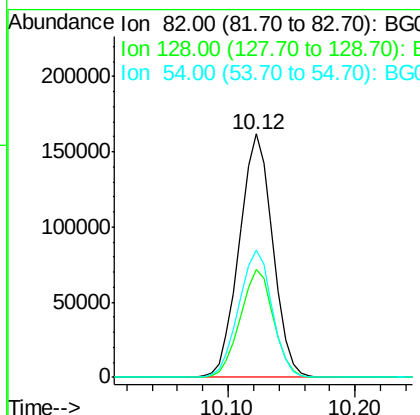
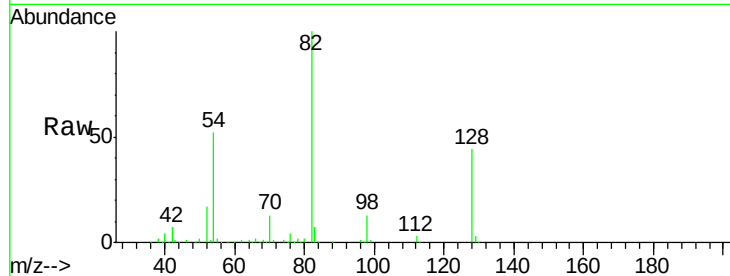




#23
 Nitrobenzene-d5
 Concen: 77.43 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

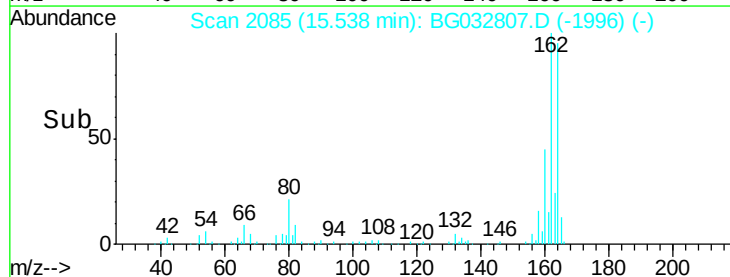
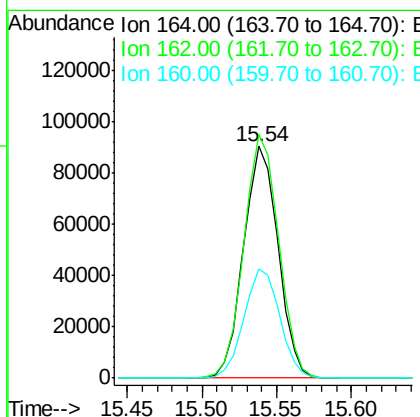
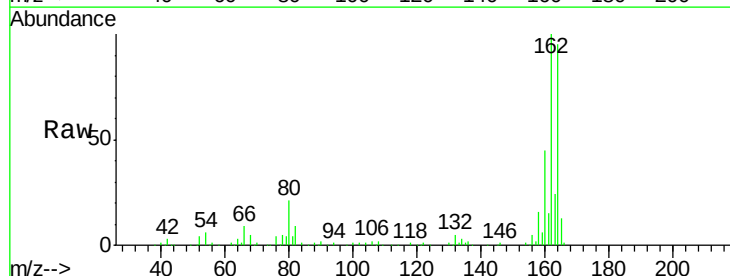
Instrument :
 BNA_G
 ClientSampleID :
 PB106794BL

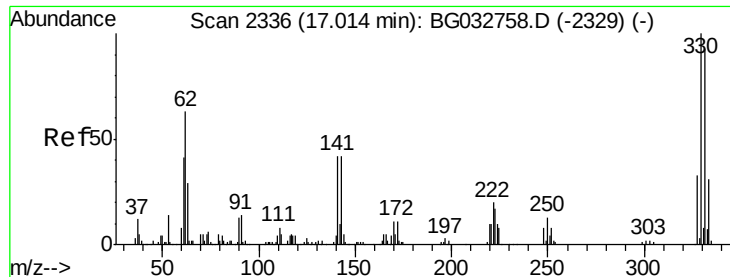
Tot Ion	82	Resp	296343
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	52.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

Tgt Ion	164	Resp	144469
Ion Ratio	Lower	Upper	
164	100		
162	104.9	78.8	118.2
160	47.0	35.4	53.0

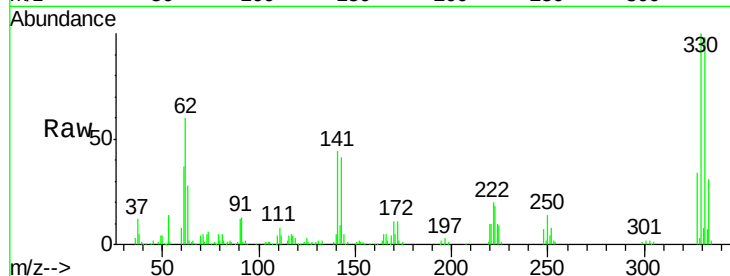




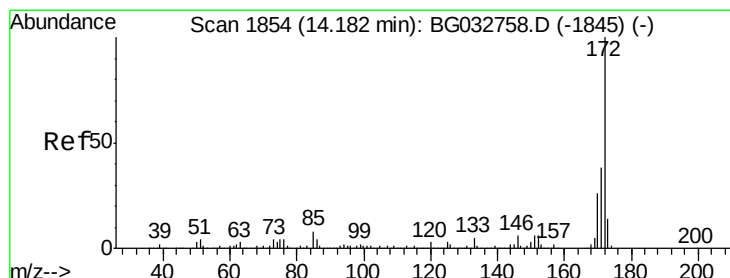
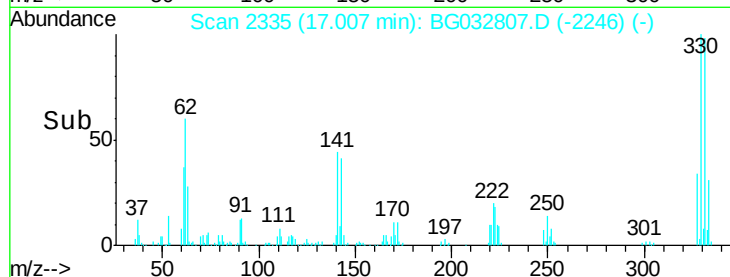
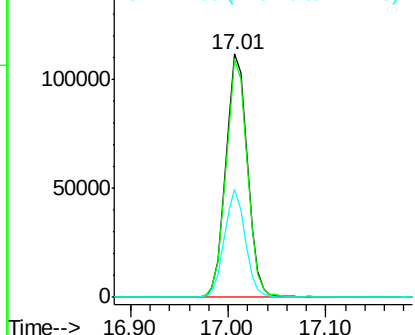
#41
 2,4,6-Tribromophenol
 Concen: 113.30 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BL

Tot Ion:330 Resp: 172110
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 42.4 25.2 37.8#

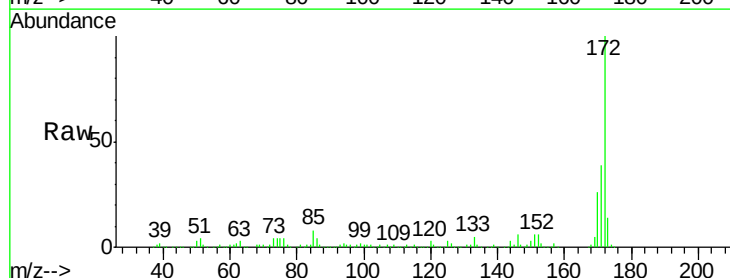


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

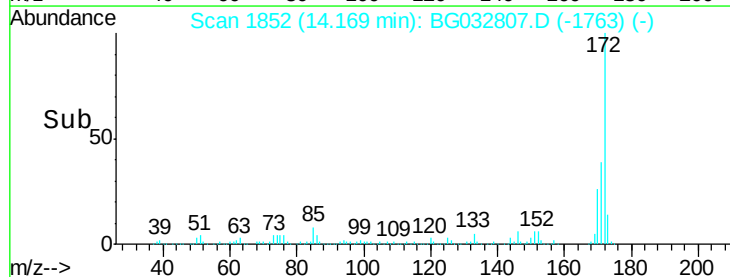
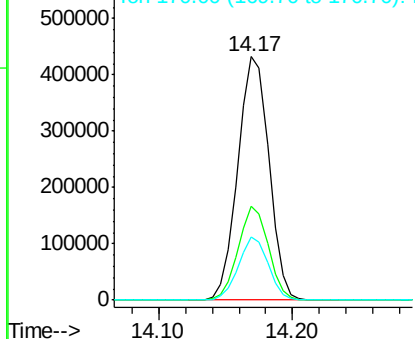


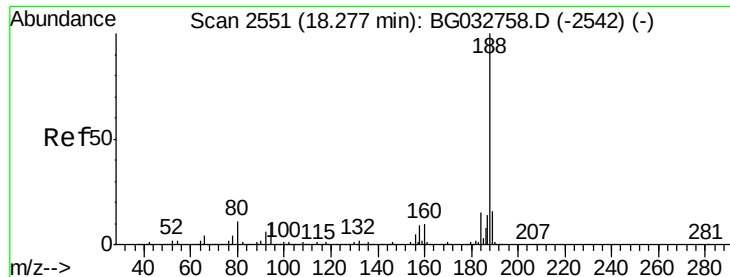
#44
 2-Fluorobiphenyl
 Concen: 69.60 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

Tgt Ion:172 Resp: 697161
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.7 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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032807.D

Acq: 24 Feb 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB106794BL

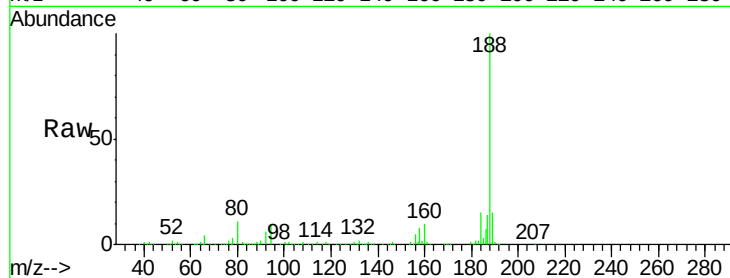
Tot Ion:188 Resp: 344382

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

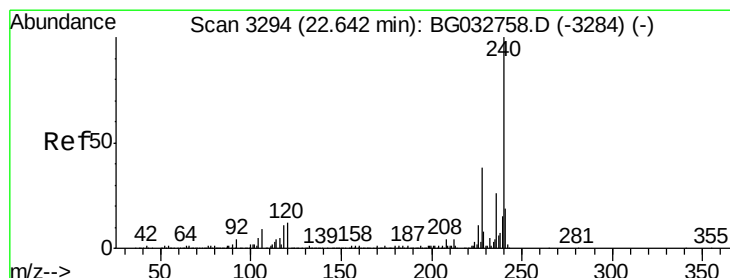
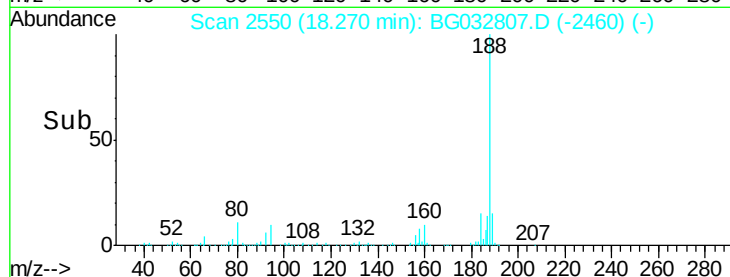
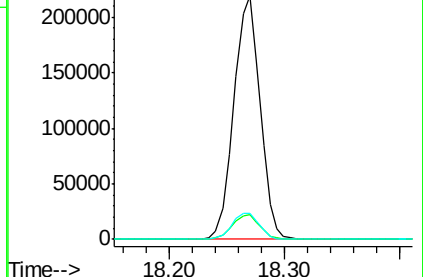
80 10.7 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032807.D

Acq: 24 Feb 2018 1:50

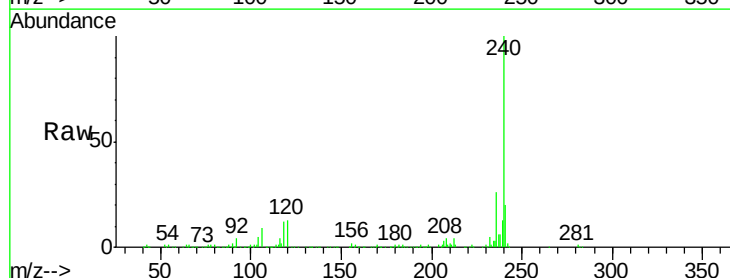
Tgt Ion:240 Resp: 351681

Ion Ratio Lower Upper

240 100

120 12.6 6.8 10.2#

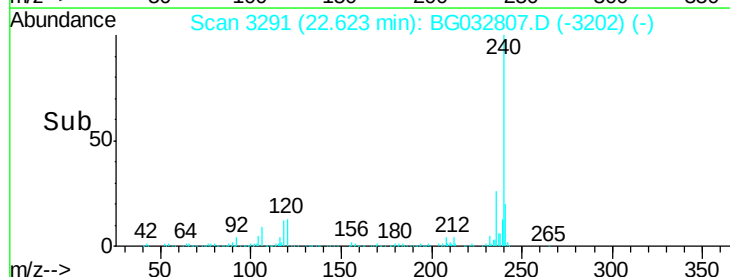
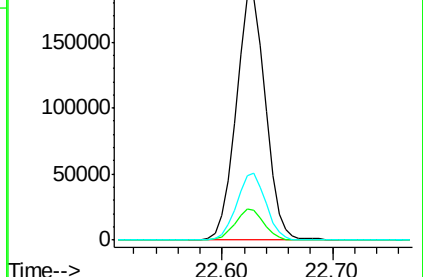
236 26.4 20.9 31.3

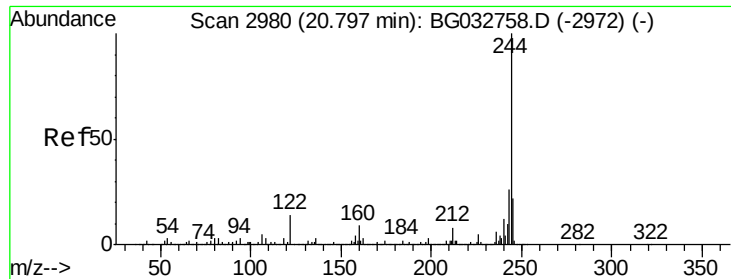


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

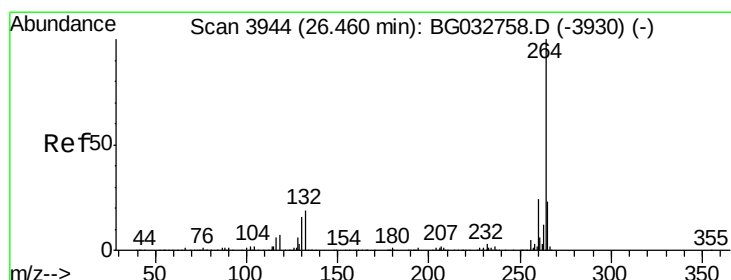
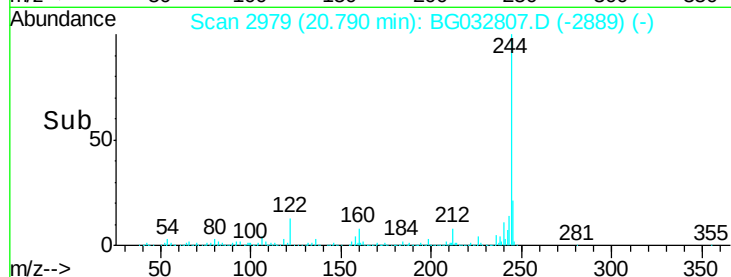
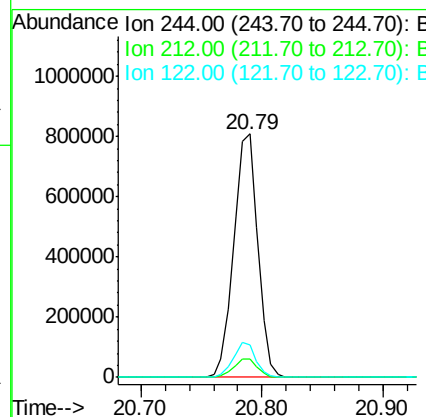
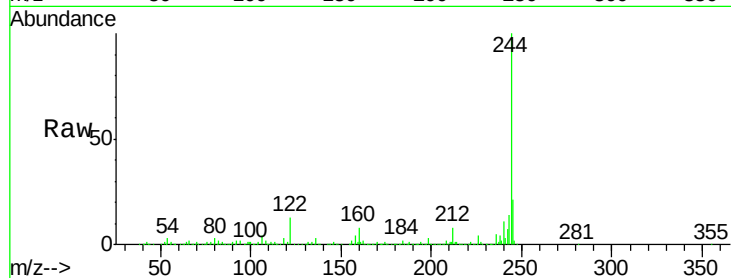




#78
 Terphenyl-d14
 Concen: 71.46 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

Instrument :
 BNA_G
 ClientSampled :
 PB106794BL

Tot Ion:244 Resp: 1118492
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.2 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.44 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: BG032807.D
 Acq: 24 Feb 2018 1:50

Tgt Ion:264 Resp: 366099
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 22.1 17.7 26.5

