

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032739.D
 Acq On : 16 Feb 2018 15:50
 Operator : SJ/JU
 Sample : PB106610TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

Quant Time: Feb 16 18:37:53 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 18:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	22400	20.00	ng	0.00
21) Naphthalene-d8	11.50	136	69819	20.00	ng	0.00
38) Acenaphthene-d10	15.27	164	49492	20.00	ng	0.00
63) Phenanthrene-d10	18.01	188	136846	20.00	ng	0.00
75) Chrysene-d12	22.32	240	184531	20.00	ng	0.00
86) Perylene-d12	25.94	264	208103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	136134	121.93	ng	0.00
7) Phenol-d6	7.75	99	171614	112.41	ng	0.00
23) Nitrobenzene-d5	9.83	82	95974	87.36	ng	0.00
41) 2,4,6-Tribromophenol	16.75	330	141342	185.47	ng	0.00
44) 2-Fluorobiphenyl	13.89	172	334651	84.56	ng	0.00
78) Terphenyl-d14	20.56	244	792425	97.88	ng	0.00

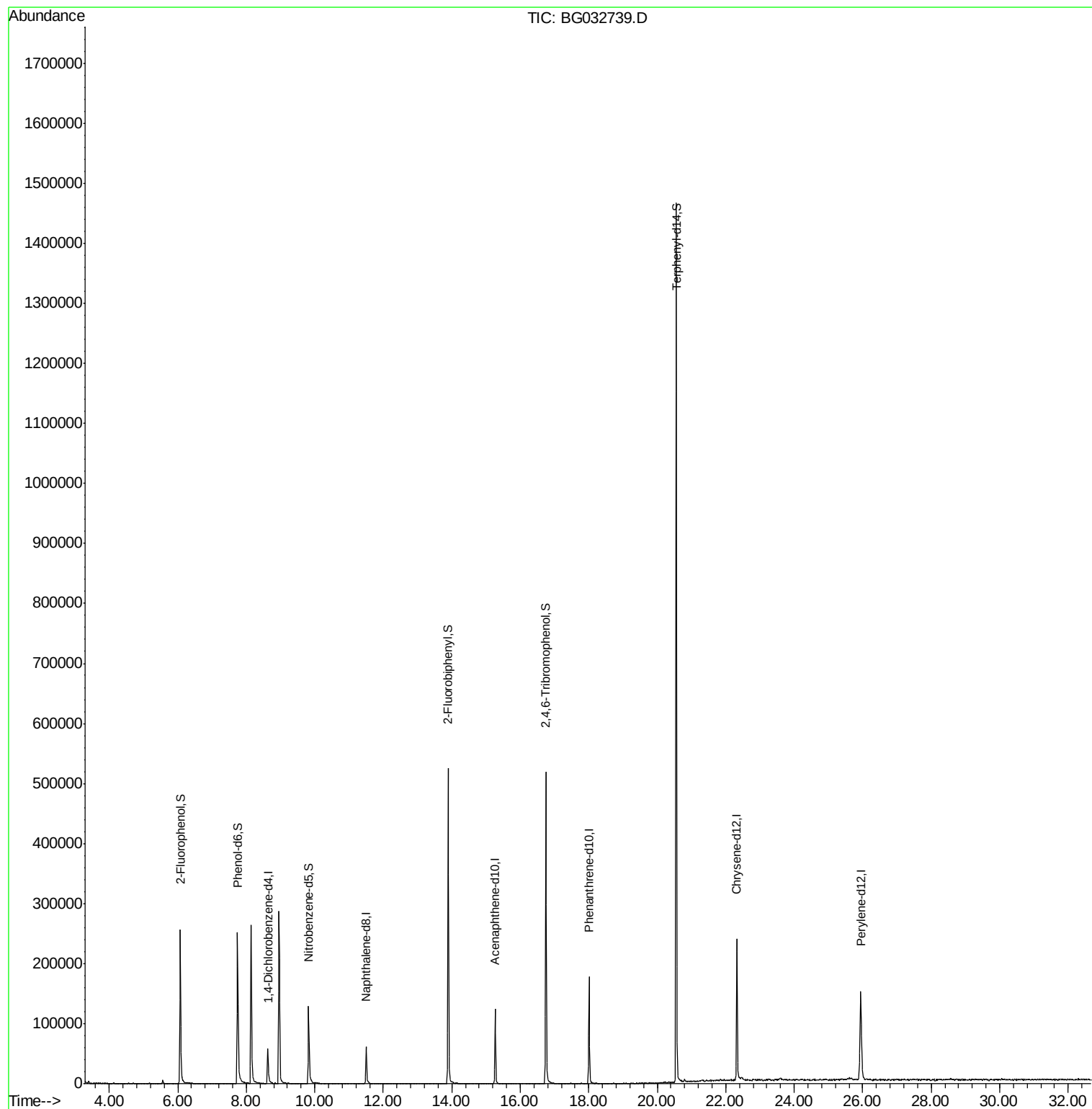
Target Compounds	Qvalue
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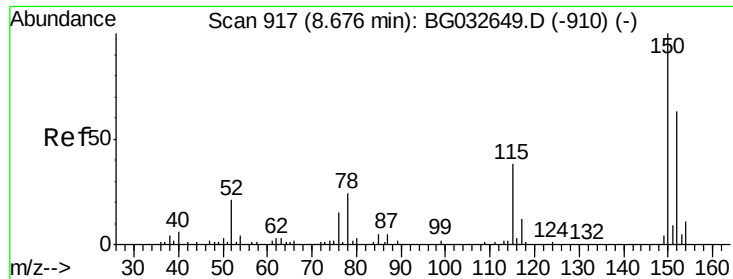
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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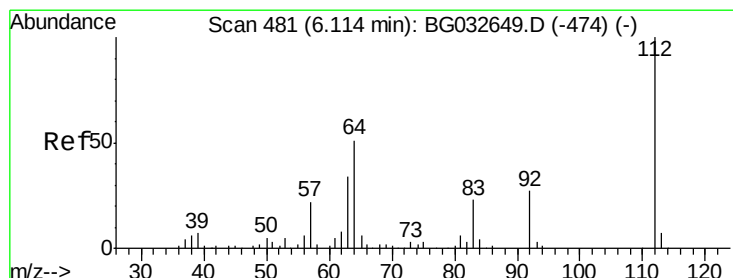
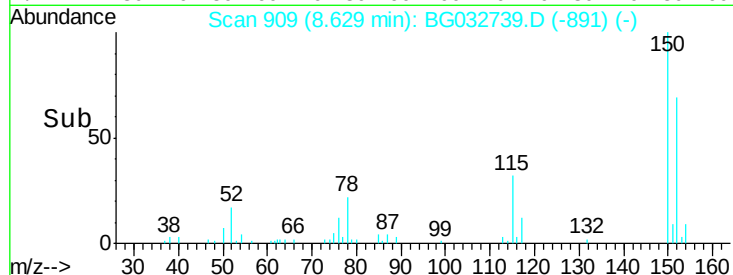
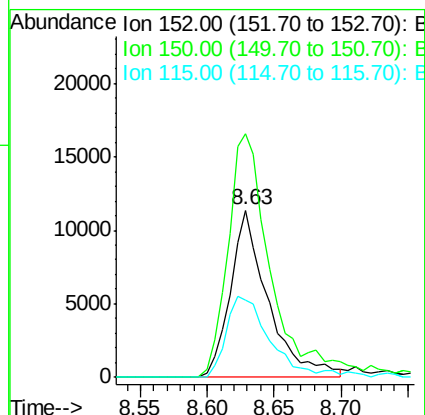
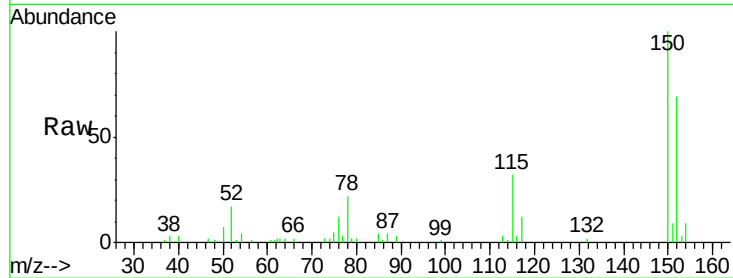


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Instrument :
BNA_G
ClientSampleId :
PB106610TB

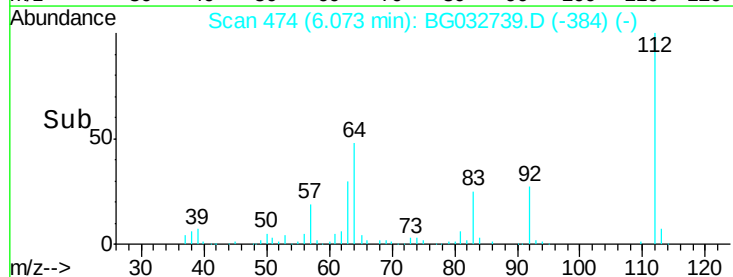
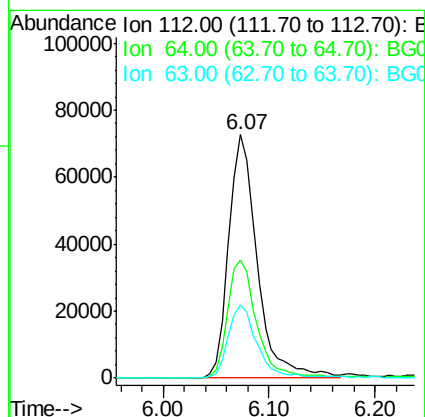
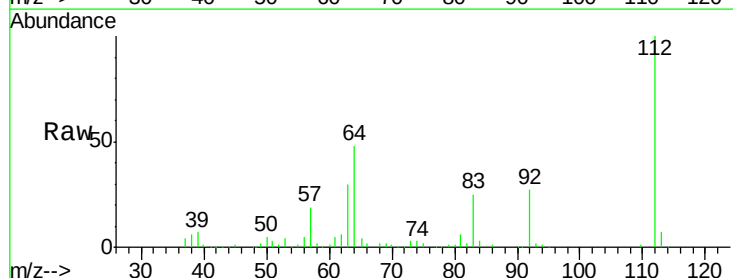
Tgt Ion:152 Resp: 22400
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 46.0 53.0 79.4#

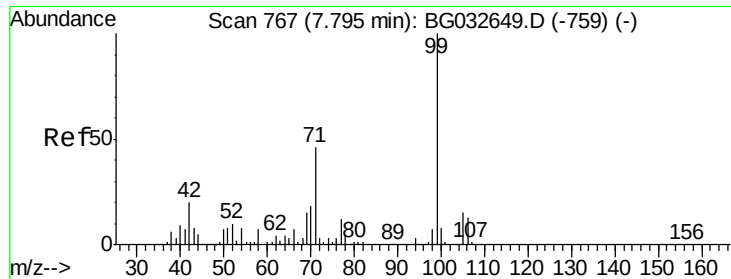


#5

2-Fluorophenol
Concen: 121.934 ng
RT: 6.07 min Scan# 474
Delta R.T. 0.00 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Tgt Ion:112 Resp: 136134
Ion Ratio Lower Upper
112 100
64 48.3 56.3 84.5#
63 30.4 30.1 45.1





#7

Phenol-d6

Concen: 112.413 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

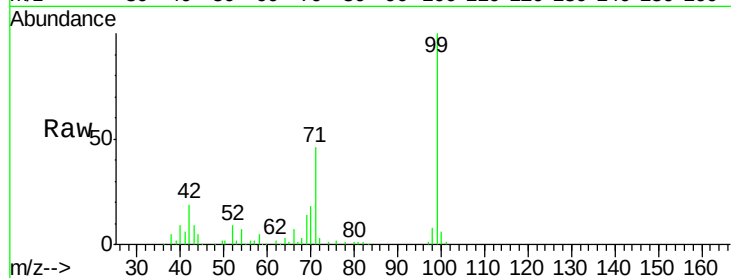
Tgt Ion: 99 Resp: 171614

Ion Ratio Lower Upper

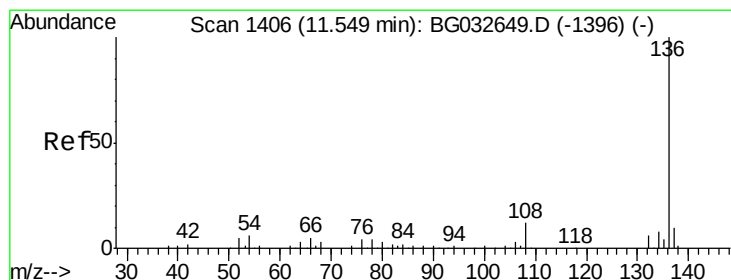
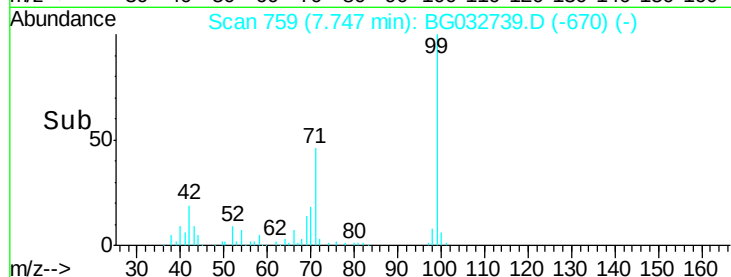
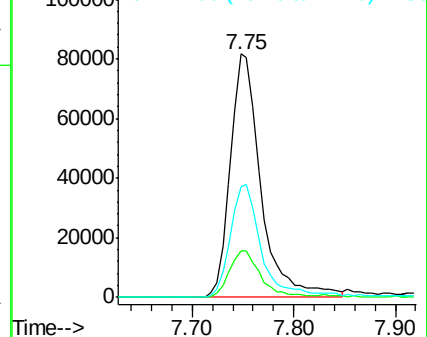
99 100

42 19.1 14.1 21.1

71 45.6 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: 11.50 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Tgt Ion: 136 Resp: 69819

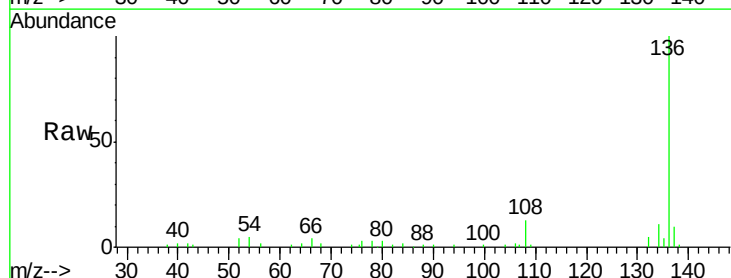
Ion Ratio Lower Upper

136 100

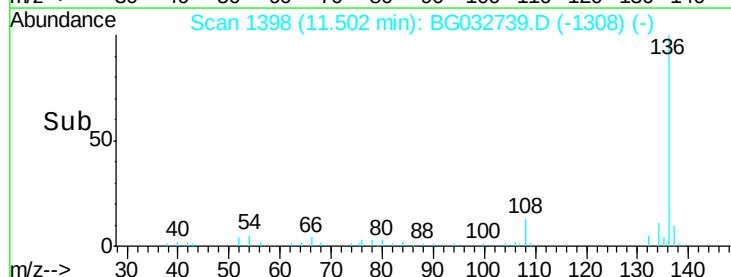
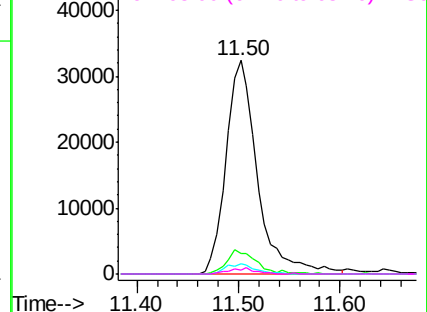
137 9.8 9.2 13.8

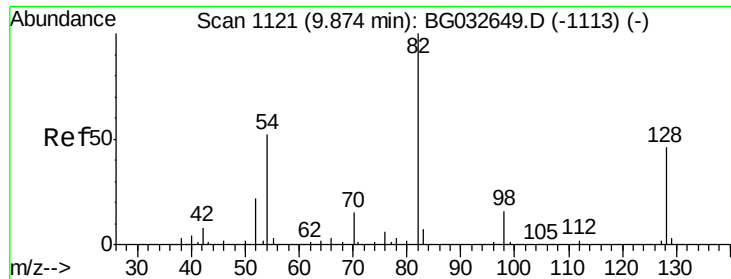
54 4.5 10.3 15.5#

68 1.8 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

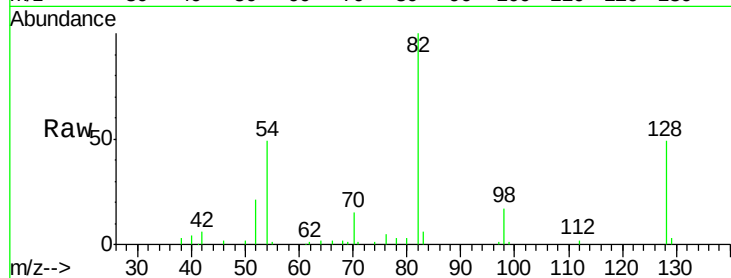




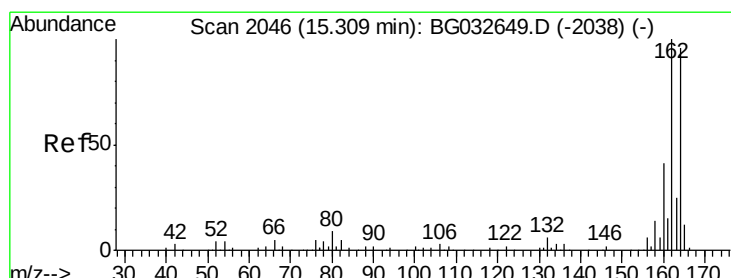
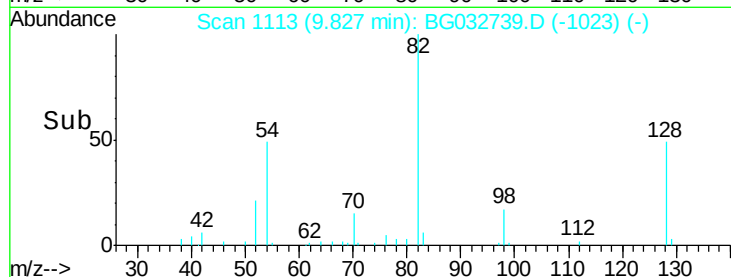
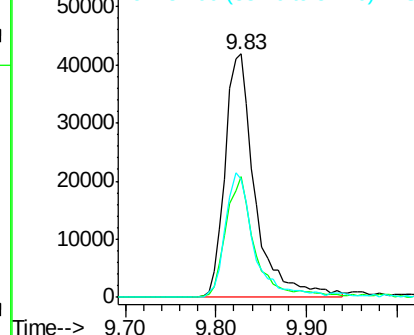
#23
 Nitrobenzene-d5
 Concen: 87.364 ng
 RT: 9.83 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

Tgt Ion: 82 Resp: 95974
 Ion Ratio Lower Upper
 82 100
 128 49.4 29.7 44.5#
 54 48.7 43.1 64.7

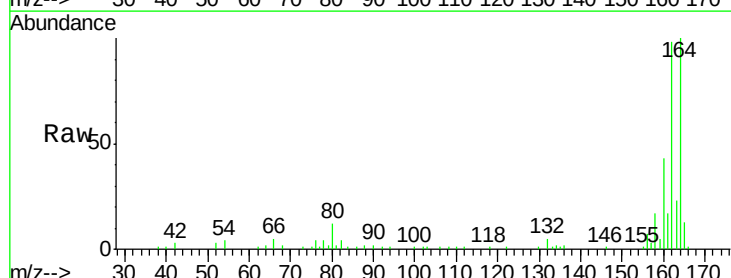


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

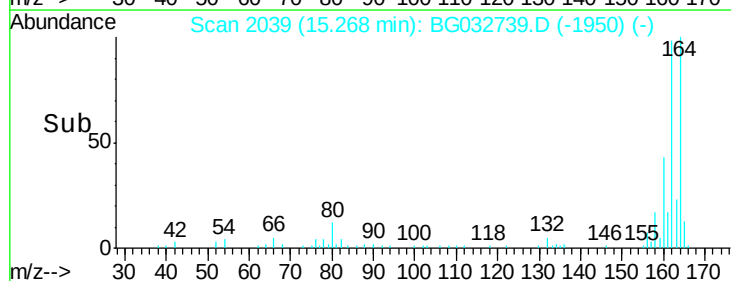
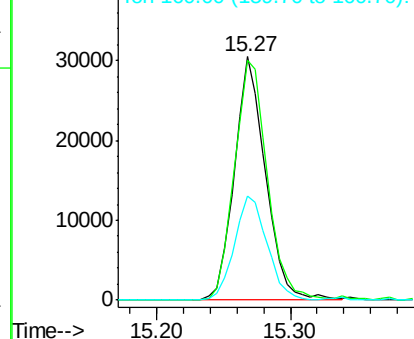


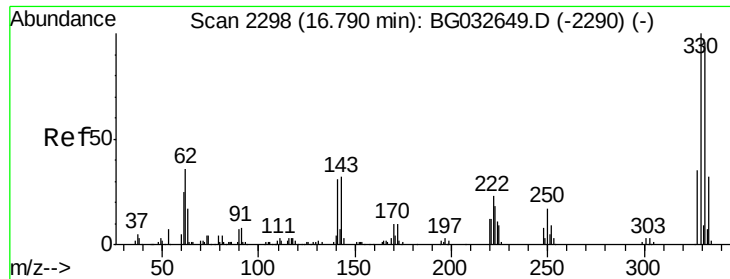
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Tgt Ion: 164 Resp: 49492
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.8 118.2
 160 42.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

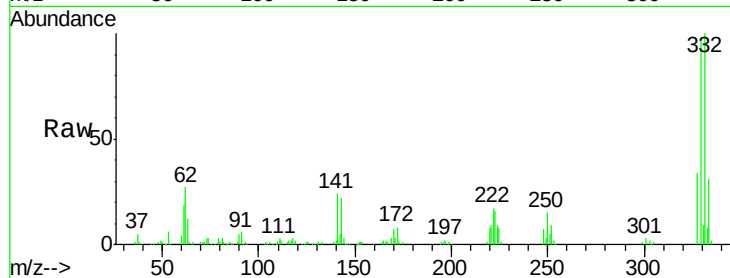




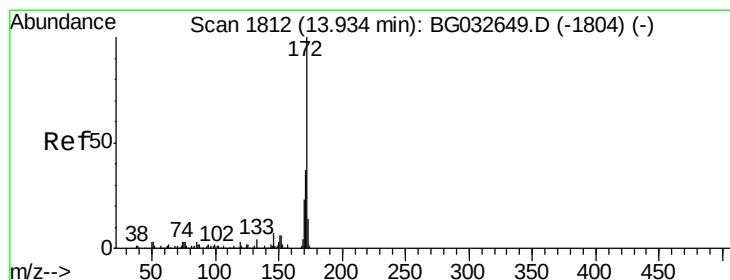
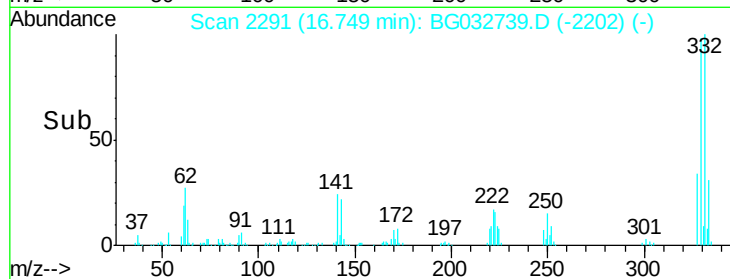
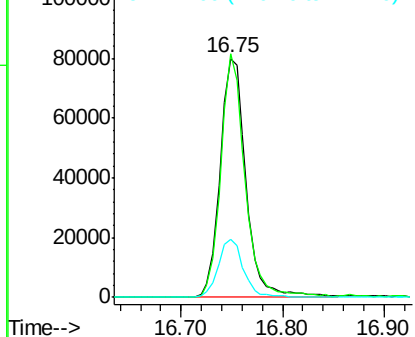
#41
 2,4,6-Tribromophenol
 Concen: 185.470 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

Tgt Ion:330 Resp: 141342
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 24.1 25.2 37.8#

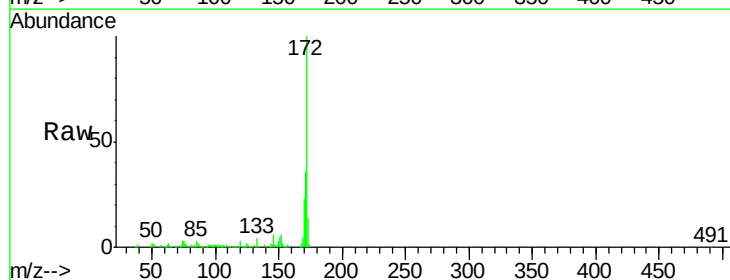


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

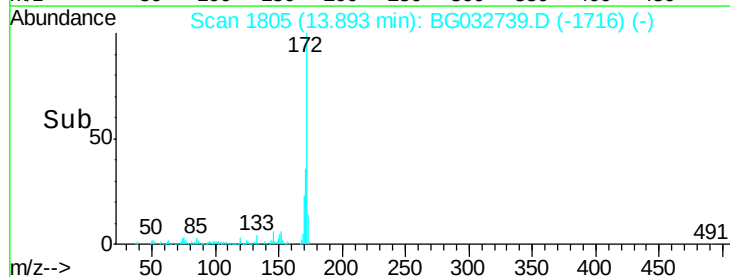
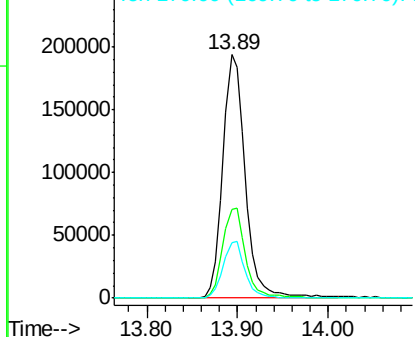


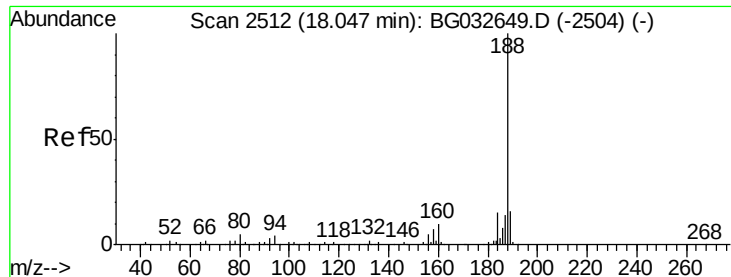
#44
 2-Fluorobiphenyl
 Concen: 84.557 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Tgt Ion:172 Resp: 334651
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 22.9 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: 18.01 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

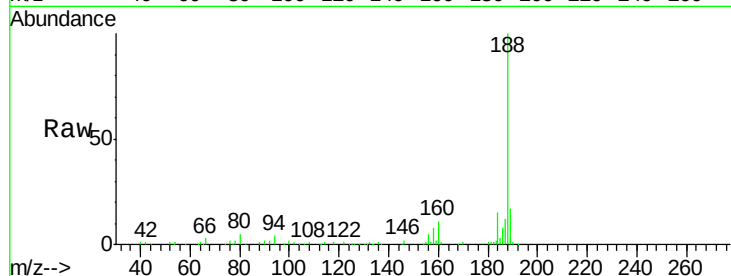
Tgt Ion:188 Resp: 136846

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

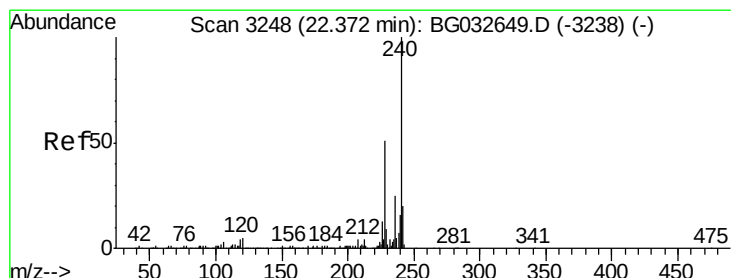
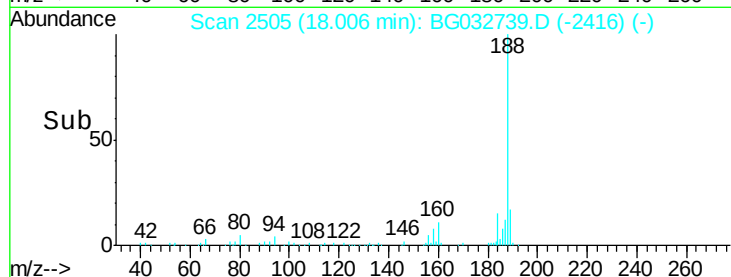
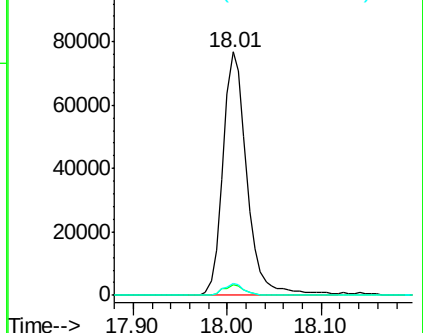
80 5.0 7.7 11.5#



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: 20.000 ng

RT: 22.32 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

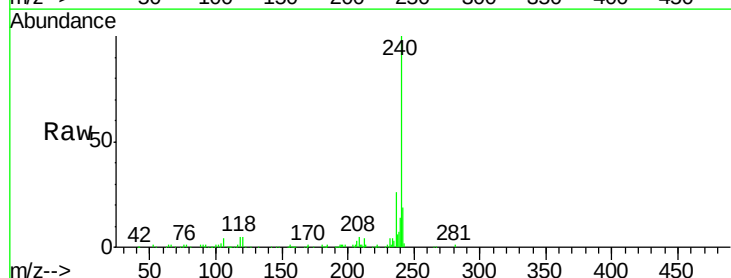
Tgt Ion:240 Resp: 184531

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

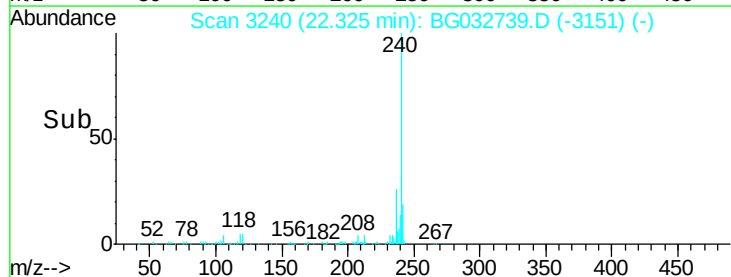
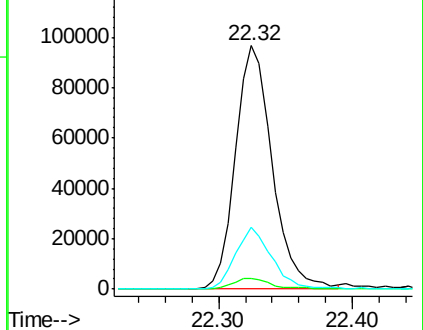
236 25.6 20.9 31.3

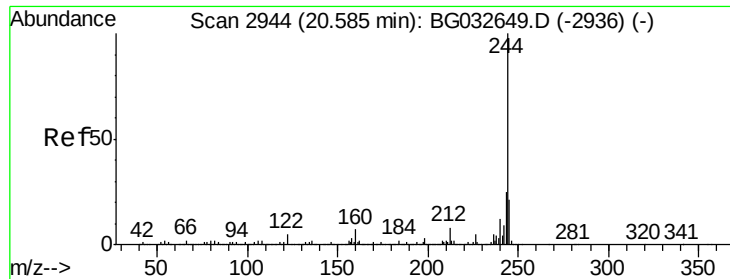


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.875 ng

RT: 20.56 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

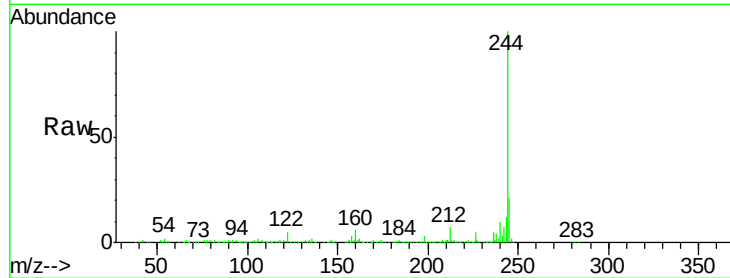
Tgt Ion:244 Resp: 792425

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

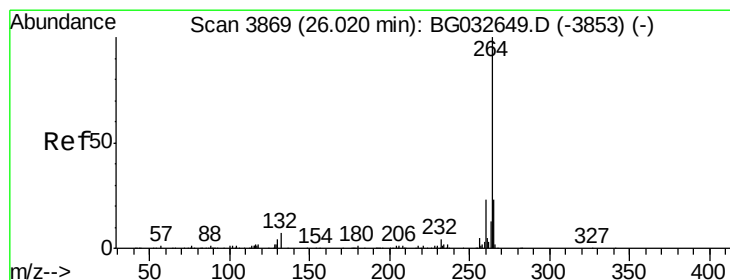
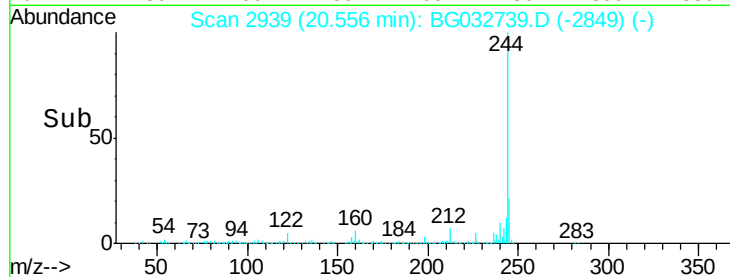
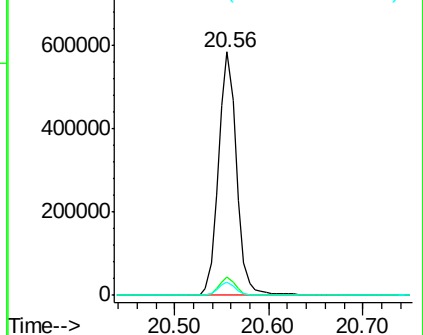
122 5.3 7.0 10.4#



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: 25.94 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

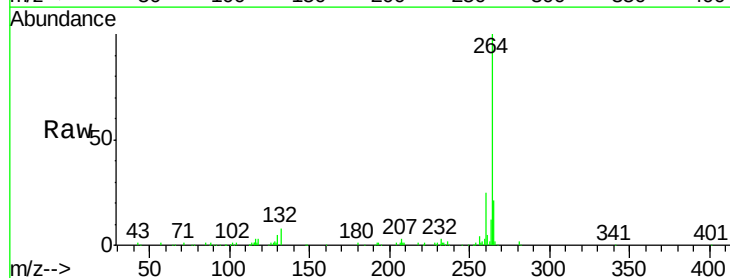
Tgt Ion:264 Resp: 208103

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.3 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

