

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032999.D
 Acq On : 5 Mar 2018 20:59
 Operator : SJ/JU
 Sample : PB107053TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107053TB

Quant Time: Mar 06 02:21:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55234	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	246613	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	142004	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	316404	20.00	ng	0.00
75) Chrysene-d12	22.61	240	288422	20.00	ng	-0.01
86) Perylene-d12	26.41	264	290992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	389211	112.74	ng	0.00
7) Phenol-d6	8.01	99	519734	108.00	ng	0.00
23) Nitrobenzene-d5	10.11	82	299383	84.33	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	153249	102.64	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	672567	68.31	ng	-0.01
78) Terphenyl-d14	20.77	244	973137	75.80	ng	0.00

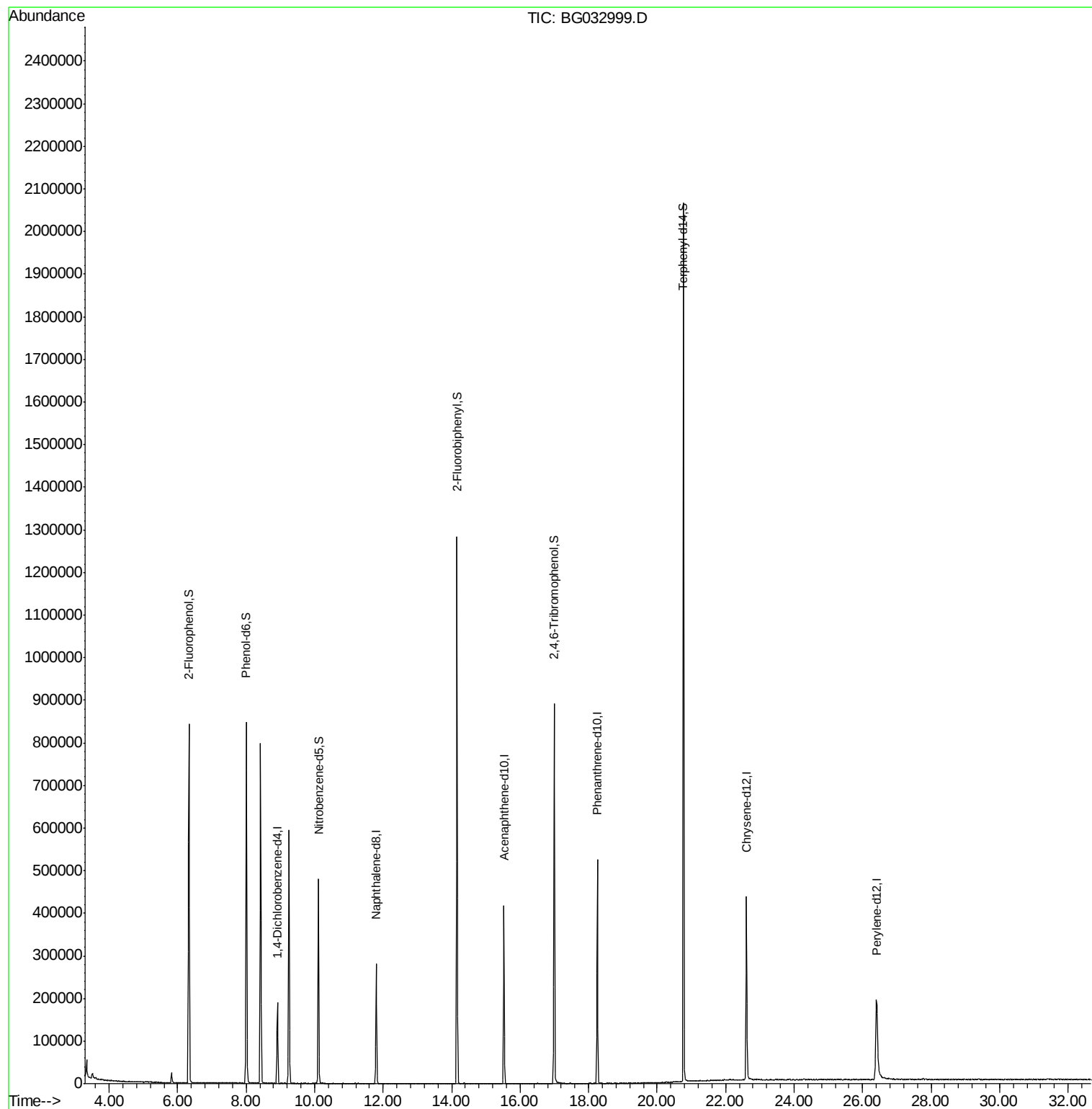
Target Compounds Qvalue

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

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Quant Time: Mar 06 02:21:49 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



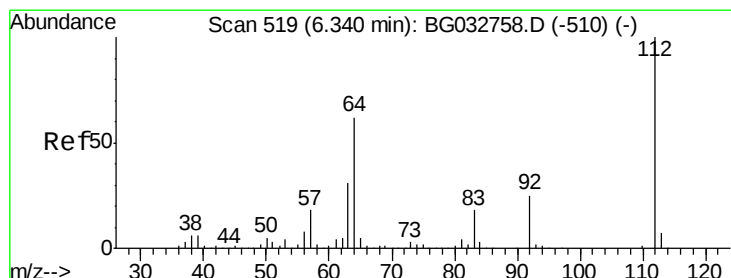
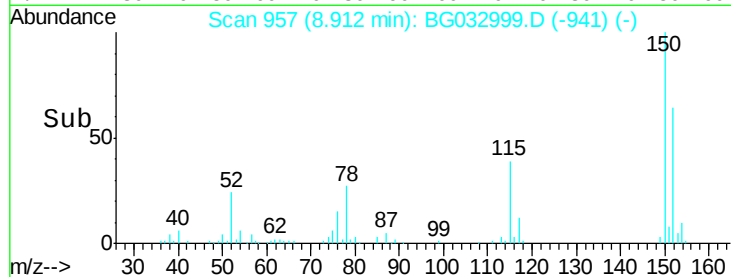
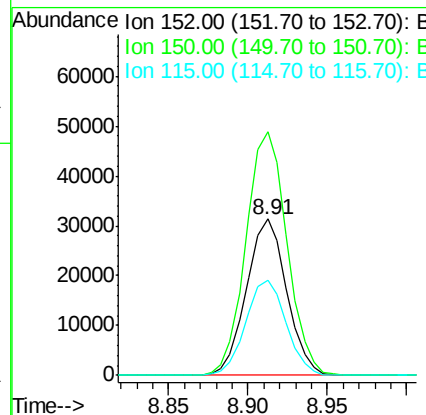
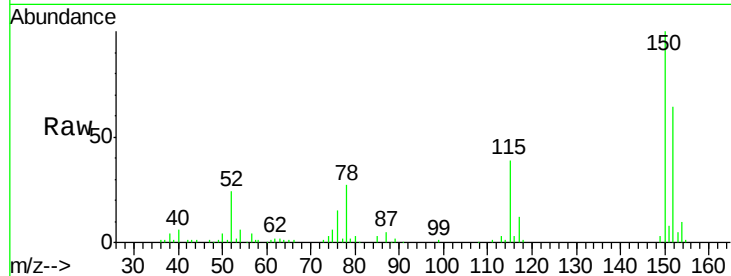


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032999.D
Acq: 5 Mar 2018 20:59

Instrument :
BNA_G
ClientSampleId :
PB107053TB

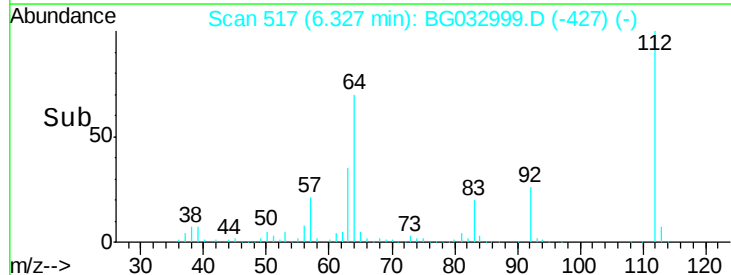
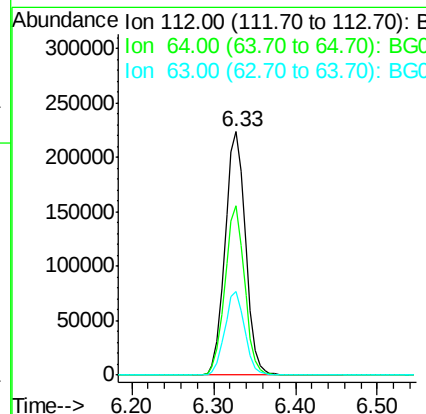
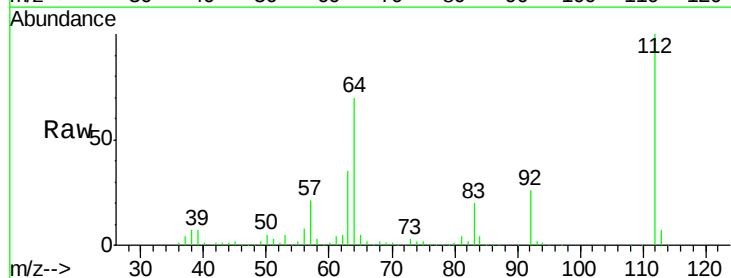
Tot Ion:152 Resp: 55234
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 61.2 53.0 79.4



#5

2-Fluorophenol
Concen: 112.735 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032999.D
Acq: 5 Mar 2018 20:59

Tgt Ion:112 Resp: 389211
Ion Ratio Lower Upper
112 100
64 69.6 56.3 84.5
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 108.003 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

Instrument :

BNA_G

ClientSampleId :

PB107053TB

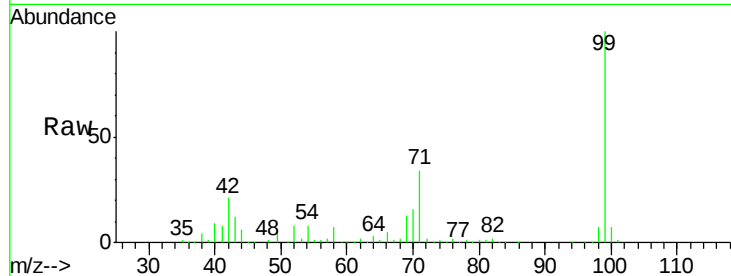
Tot Ion: 99 Resp: 519734

Ion Ratio Lower Upper

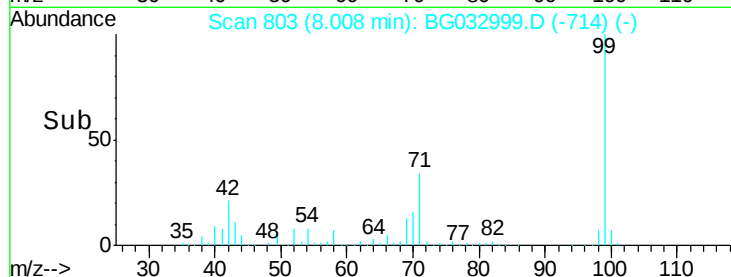
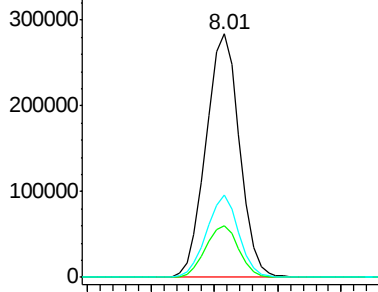
99 100

42 21.2 14.1 21.1#

71 33.8 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: 20.000 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

Tgt Ion: 136 Resp: 246613

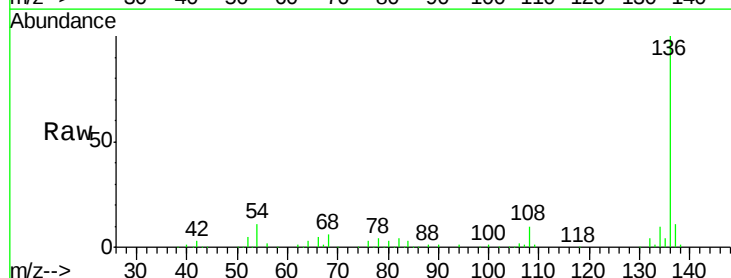
Ion Ratio Lower Upper

136 100

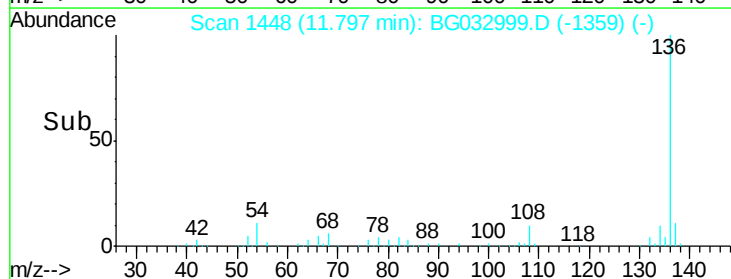
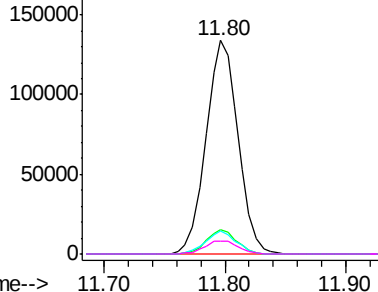
137 11.3 9.2 13.8

54 10.8 10.3 15.5

68 6.2 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

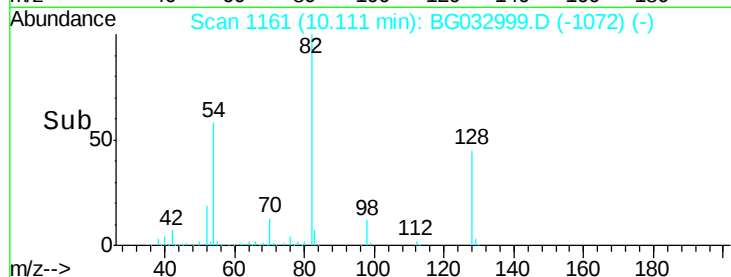
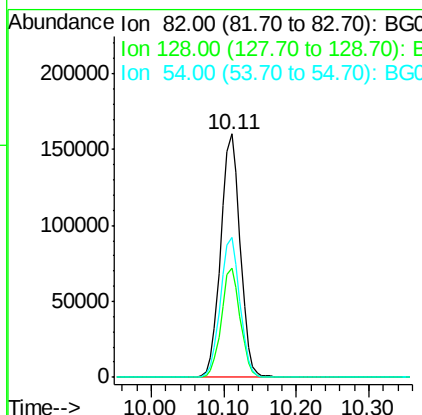
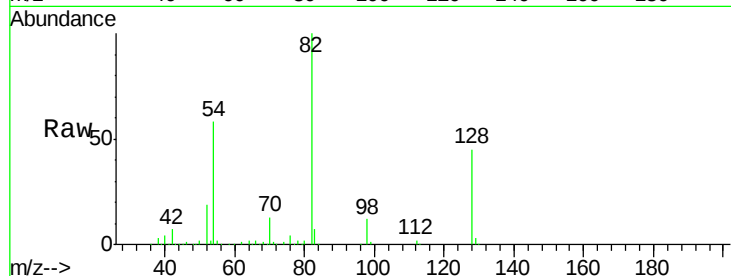




#23
 Nitrobenzene-d5
 Concen: 84.332 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG032999.D
 Acq: 5 Mar 2018 20:59

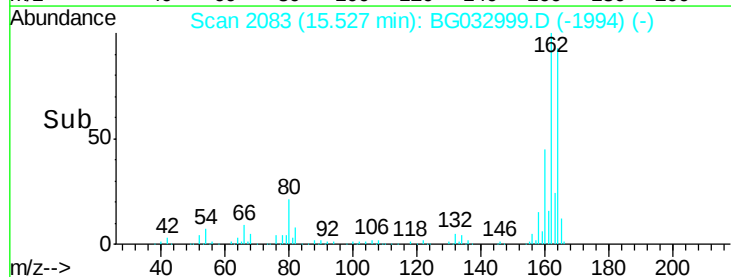
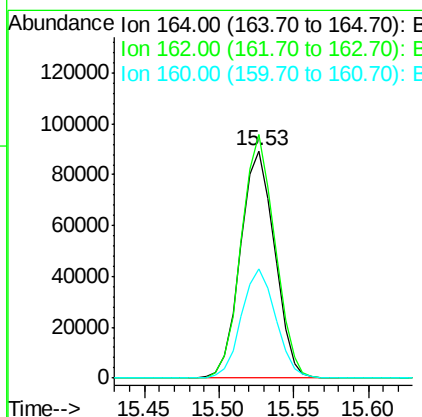
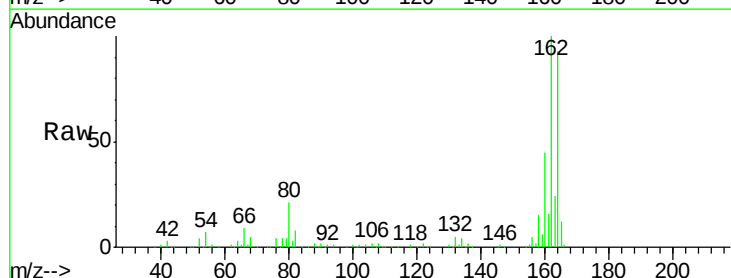
Instrument :
 BNA_G
 ClientSampleId :
 PB107053TB

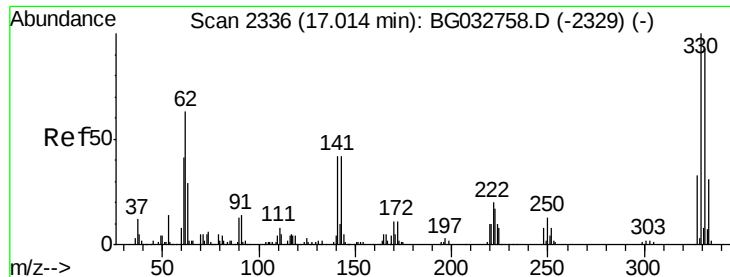
Tot Ion	82	Resp	299383
Ion Ratio	Lower	Upper	
82	100		
128	45.1	29.7	44.5#
54	57.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG032999.D
 Acq: 5 Mar 2018 20:59

Tgt Ion	164	Resp	142004
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	107.0	78.8	118.2
160	48.3	35.4	53.0

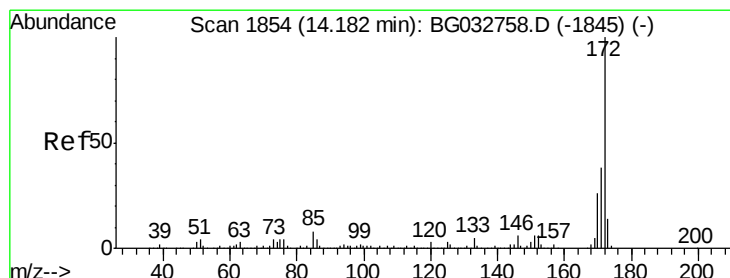
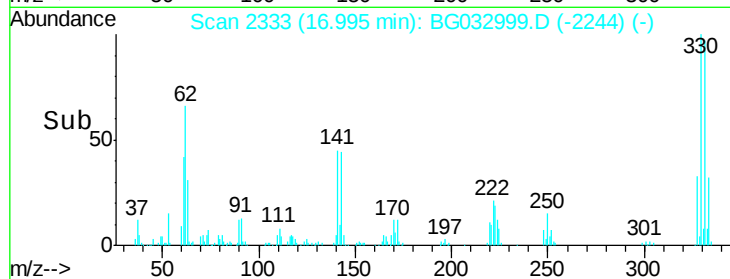
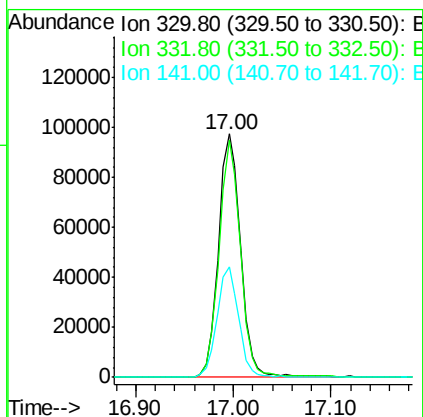
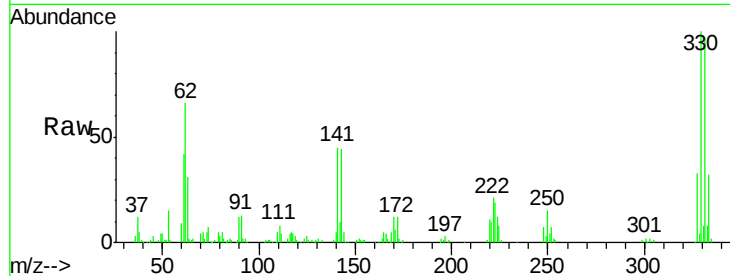




#41
 2,4,6-Tribromophenol
 Concen: 102.637 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG032999.D
 Acq: 5 Mar 2018 20:59

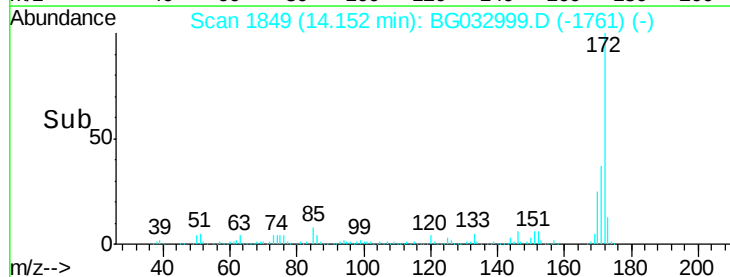
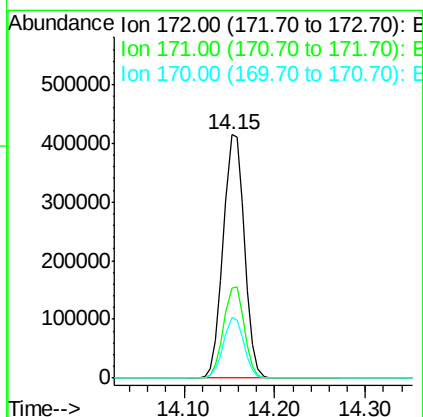
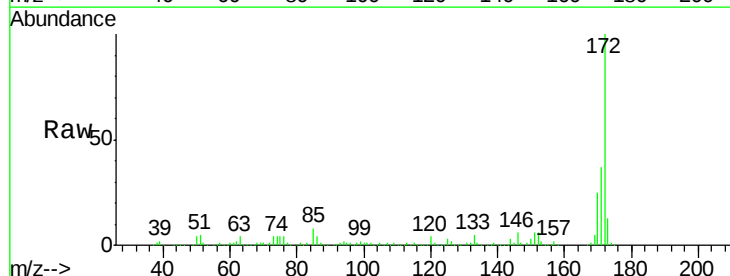
Instrument :
 BNA_G
 ClientSampleId :
 PB107053TB

Tot Ion:330 Resp: 153249
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 43.8 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 68.309 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BG032999.D
 Acq: 5 Mar 2018 20:59

Tgt Ion:172 Resp: 672567
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.8 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

Instrument :

BNA_G

ClientSampleId :

PB107053TB

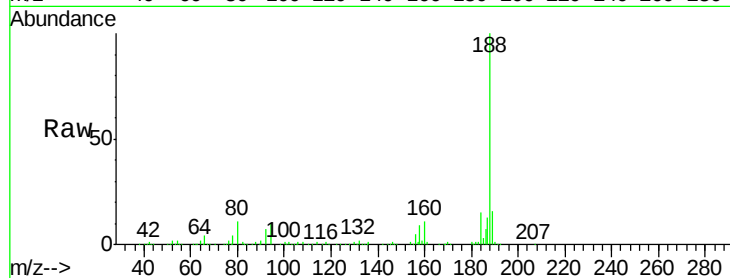
Tot Ion:188 Resp: 316404

Ion Ratio Lower Upper

188 100

94 10.3 6.9 10.3

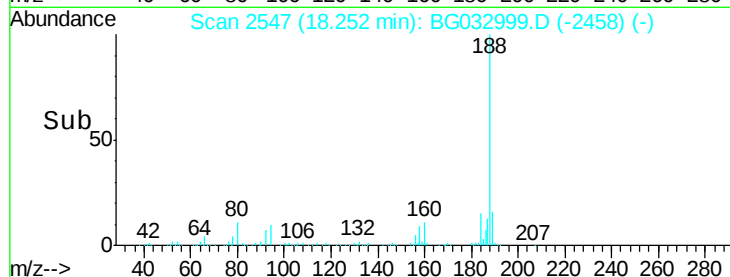
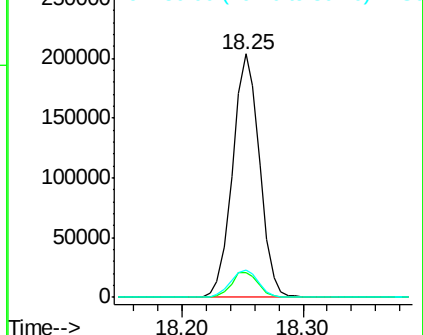
80 11.2 7.7 11.5



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: 22.61 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

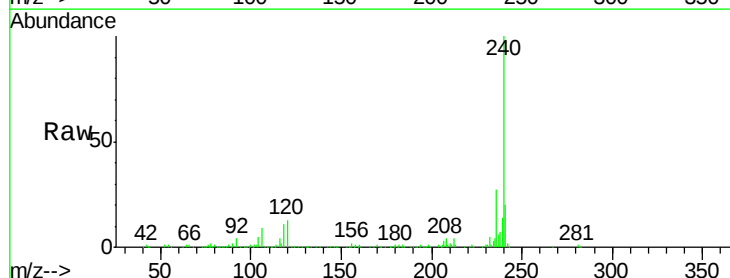
Tgt Ion:240 Resp: 288422

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

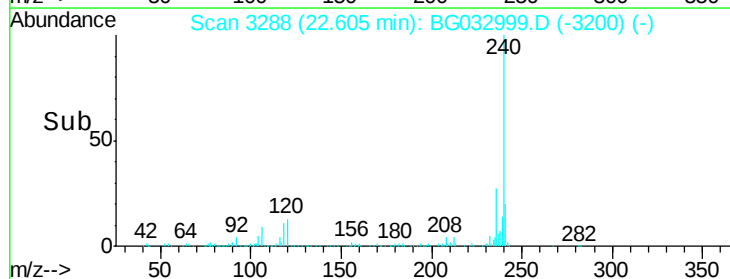
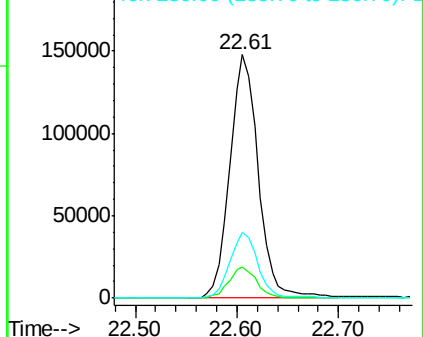
236 27.0 20.9 31.3



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: 75.805 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

Instrument :

BNA_G

ClientSampleId :

PB107053TB

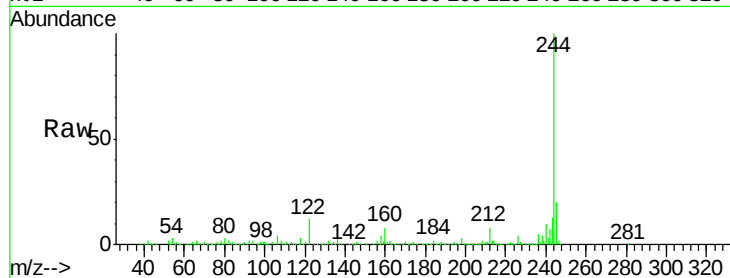
Tot Ion:244 Resp: 973137

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

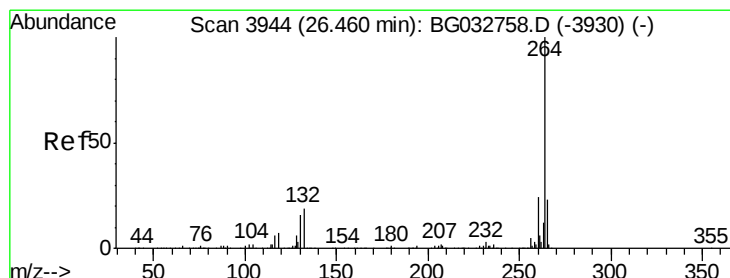
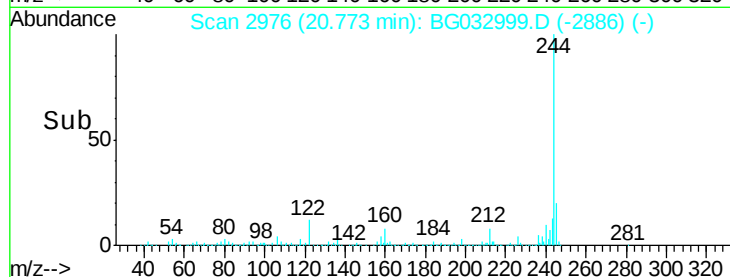
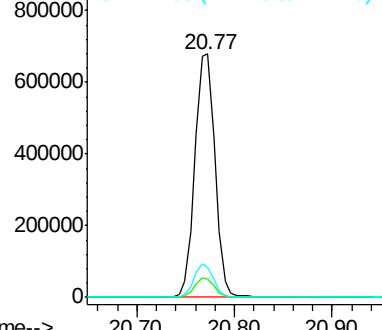
122 12.5 7.0 10.4#



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: 26.41 min Scan# 3935

Delta R.T. -0.02 min

Lab File: BG032999.D

Acq: 5 Mar 2018 20:59

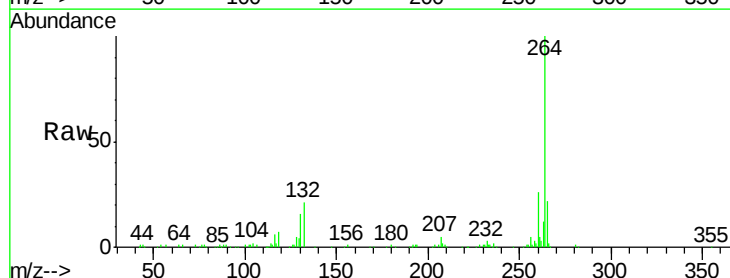
Tgt Ion:264 Resp: 290992

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 22.1 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

