

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032117.D
 Acq On : 18 Jan 2018 1:28
 Operator : SJ/JU
 Sample : PB105730TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105730TB

Quant Time: Jan 18 06:53:28 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50405	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	190826	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	124234	20.00	ng	-0.03
63) Phenanthrene-d10	18.11	188	342056	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	449040	20.00	ng	-0.03
86) Perylene-d12	26.16	264	472781	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	344739	125.09	ng	-0.02
7) Phenol-d6	7.85	99	413697	119.19	ng	-0.03
23) Nitrobenzene-d5	9.94	82	245308	86.97	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	273415	133.00	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	828508	82.69	ng	-0.03
78) Terphenyl-d14	20.65	244	1687472	82.98	ng	-0.02

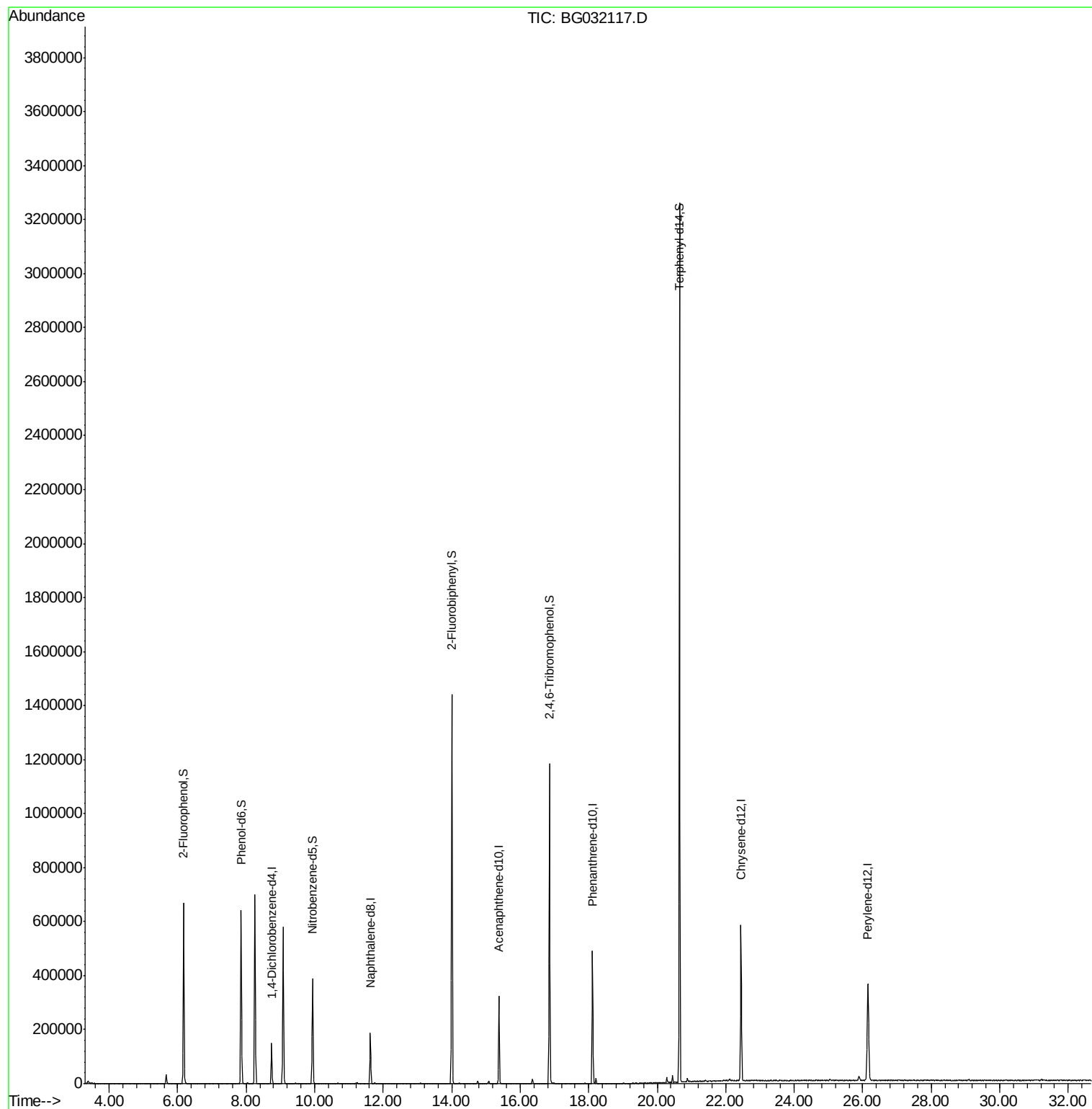
Target Compounds	Qvalue
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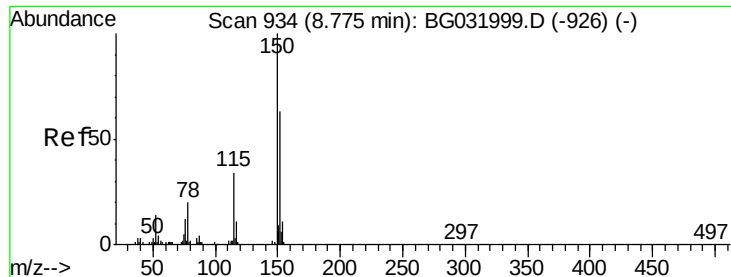
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.03 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB105730TB

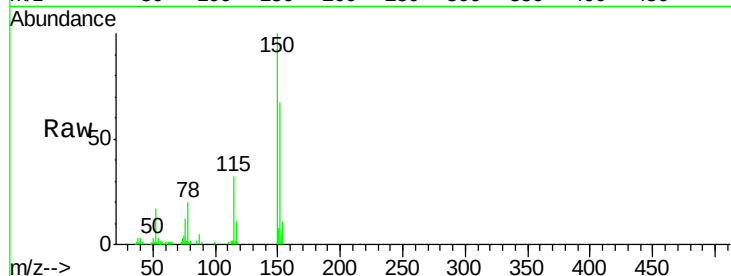
Tgt Ion:152 Resp: 50405

Ion Ratio Lower Upper

152 100

150 149.3 126.6 189.8

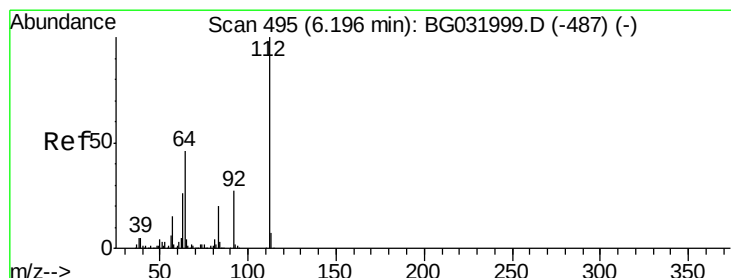
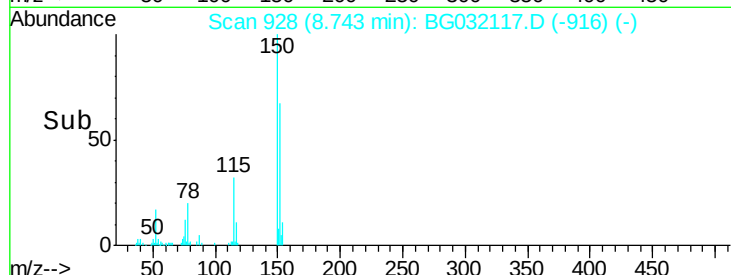
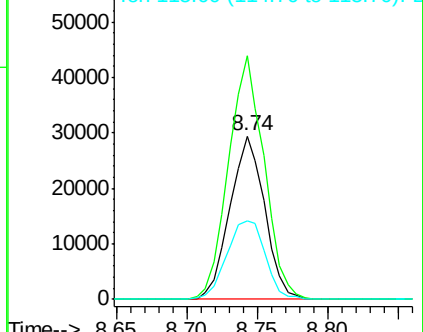
115 48.0 53.0 79.4#



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: 125.088 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

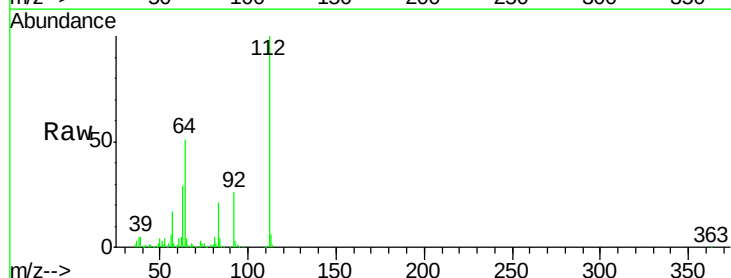
Tgt Ion:112 Resp: 344739

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

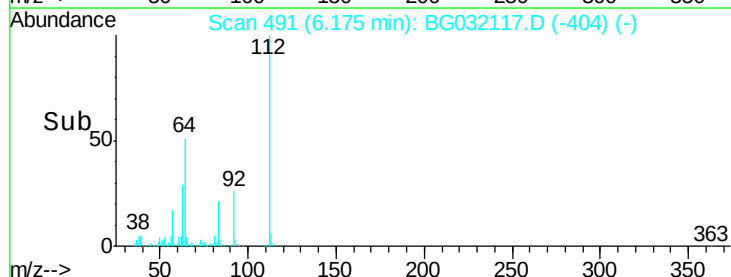
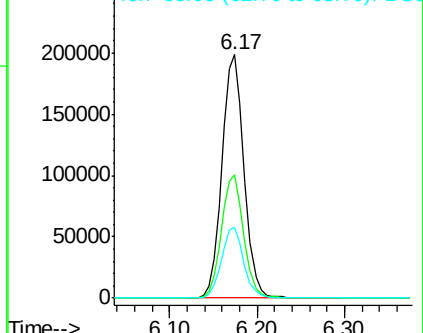
63 29.0 30.1 45.1#

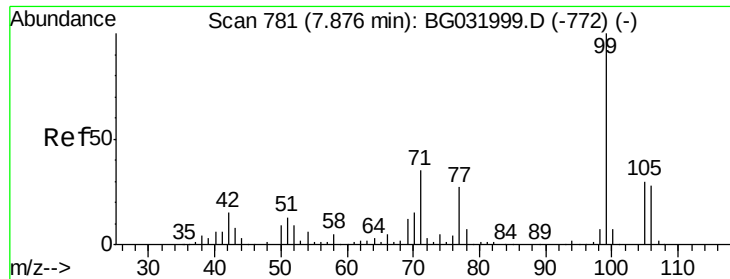


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.187 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB105730TB

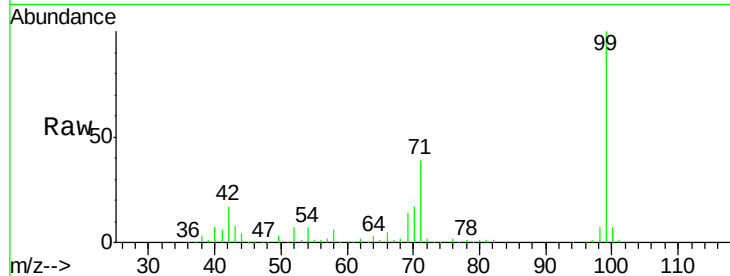
Tgt Ion: 99 Resp: 413697

Ion Ratio Lower Upper

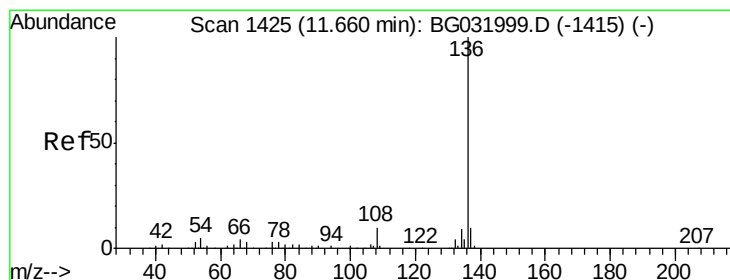
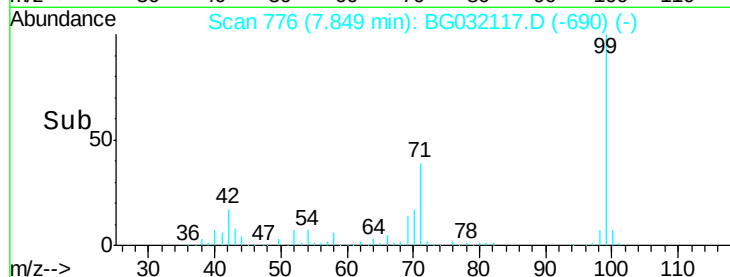
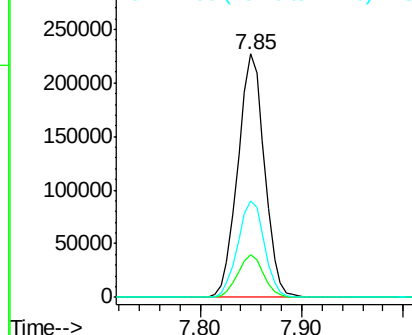
99 100

42 17.4 14.1 21.1

71 39.4 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: 11.62 min Scan# 1418

Delta R.T. -0.04 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

Tgt Ion: 136 Resp: 190826

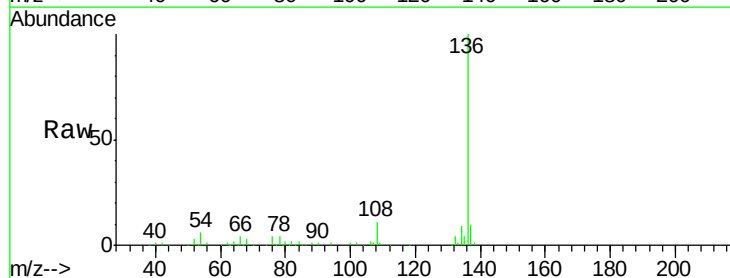
Ion Ratio Lower Upper

136 100

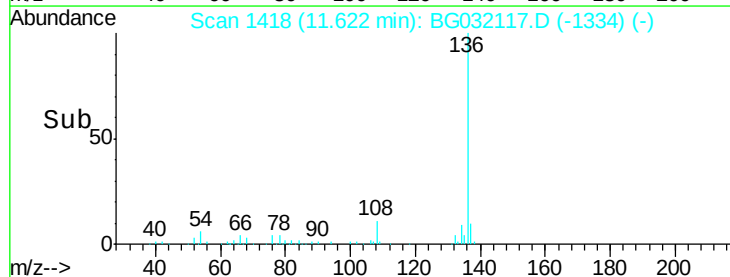
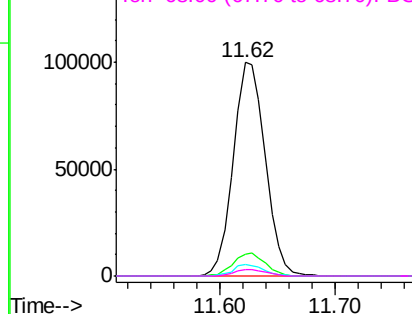
137 10.3 9.2 13.8

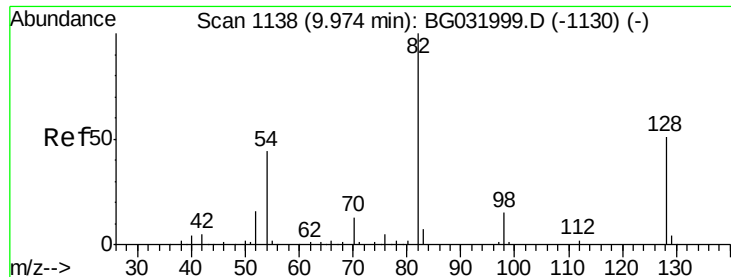
54 5.5 10.3 15.5#

68 3.2 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

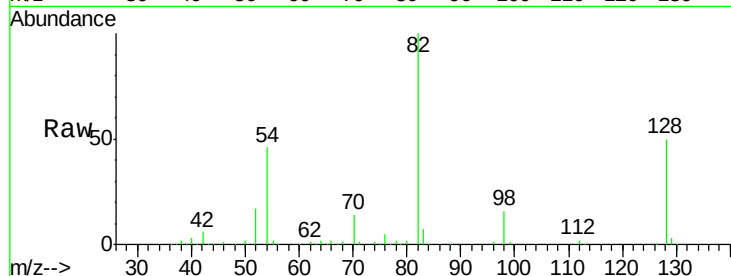




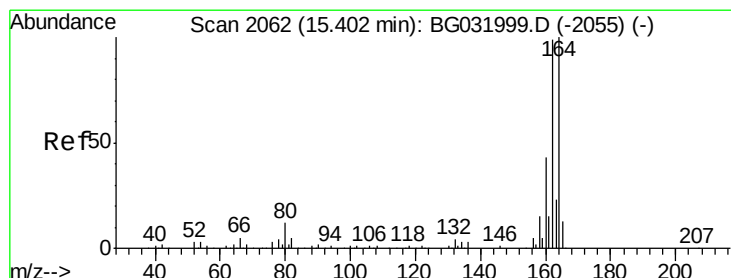
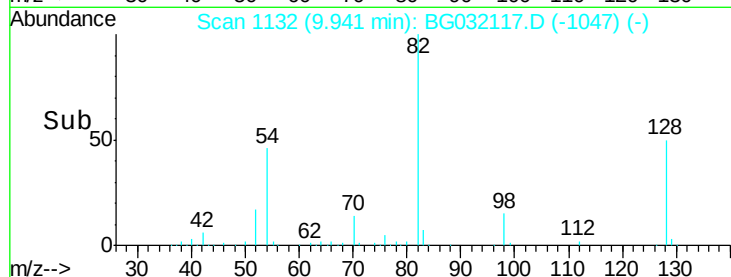
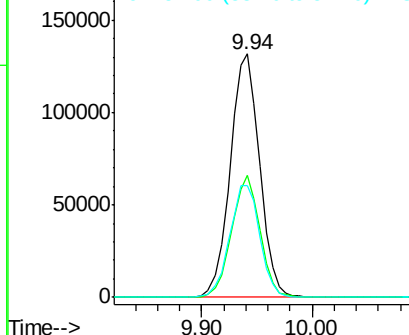
#23
 Nitrobenzene-d5
 Concen: 86.970 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BG032117.D
 Acq: 18 Jan 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB105730TB

Tgt Ion: 82 Resp: 245308
 Ion Ratio Lower Upper
 82 100
 128 50.2 29.7 44.5#
 54 46.0 43.1 64.7

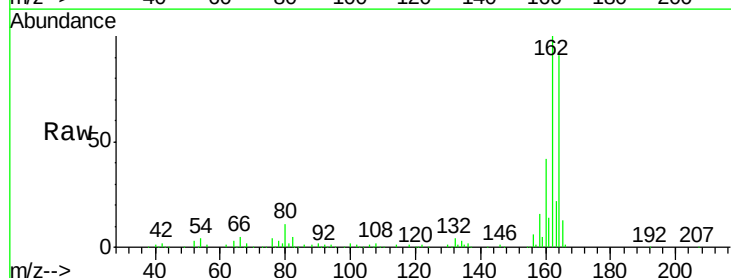


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

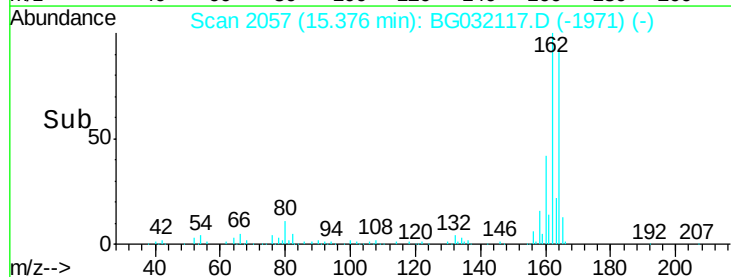
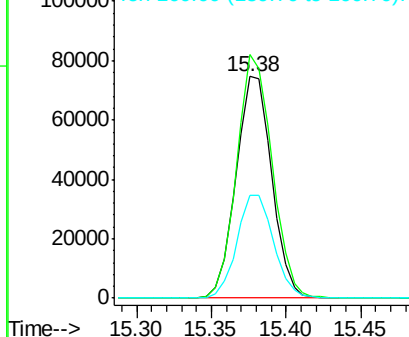


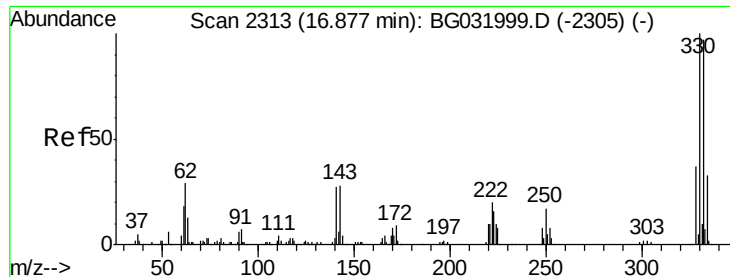
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.03 min
 Lab File: BG032117.D
 Acq: 18 Jan 2018 1:28

Tgt Ion: 164 Resp: 124234
 Ion Ratio Lower Upper
 164 100
 162 109.8 78.8 118.2
 160 46.6 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

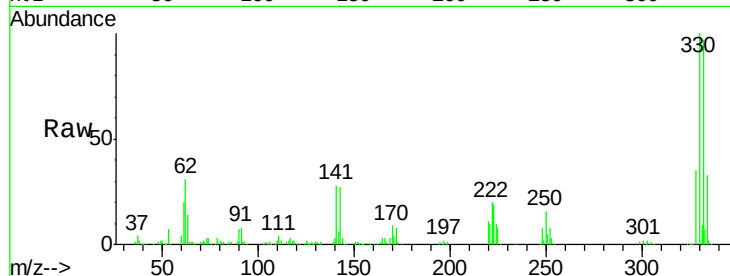




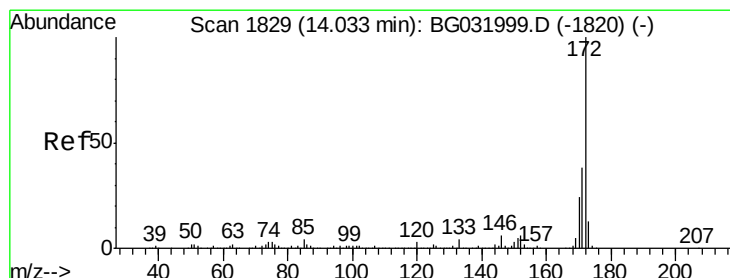
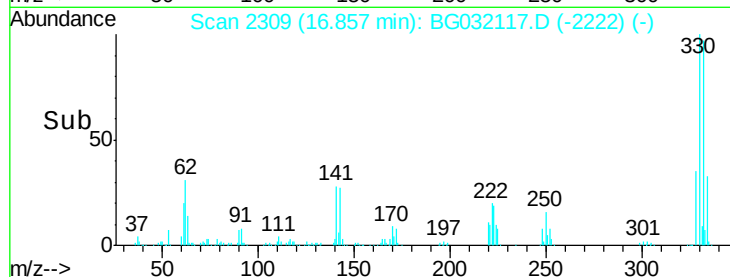
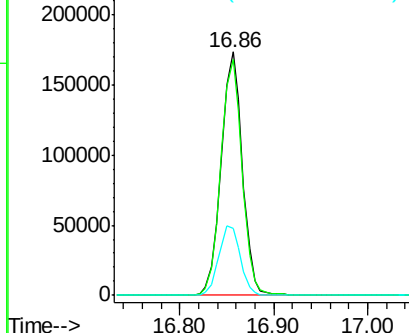
#41
 2,4,6-Tribromophenol
 Concen: 132.998 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032117.D
 Acq: 18 Jan 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB105730TB

Tgt Ion:330 Resp: 273415
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 29.4 25.2 37.8

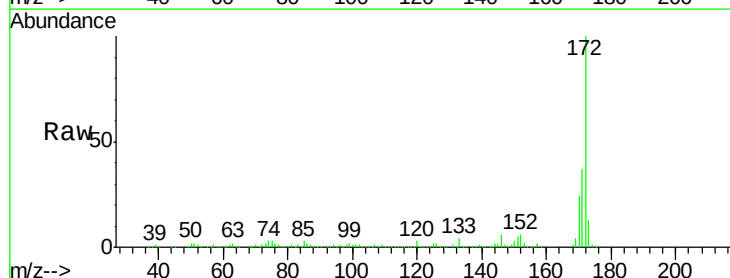


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

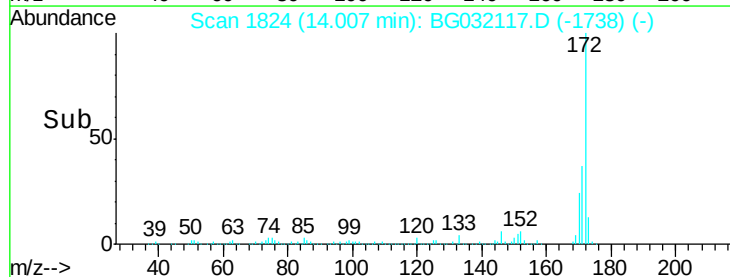
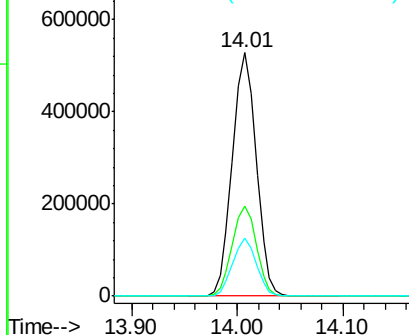


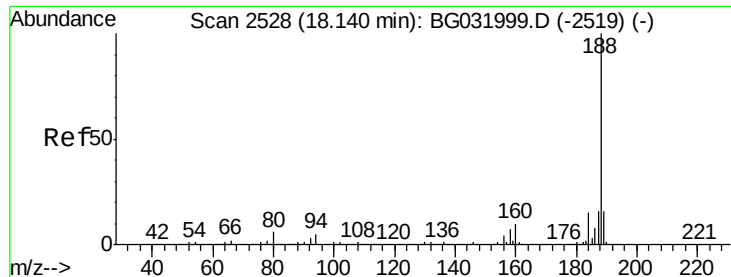
#44
 2-Fluorobiphenyl
 Concen: 82.691 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032117.D
 Acq: 18 Jan 2018 1:28

Tgt Ion:172 Resp: 828508
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.6 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

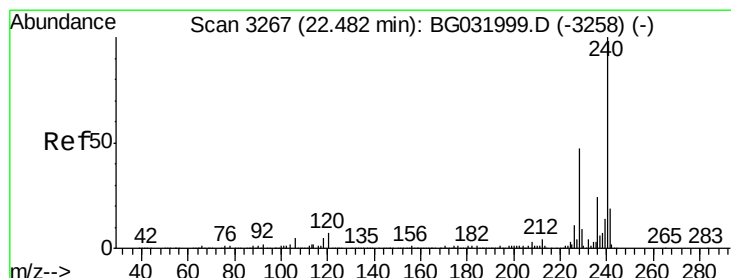
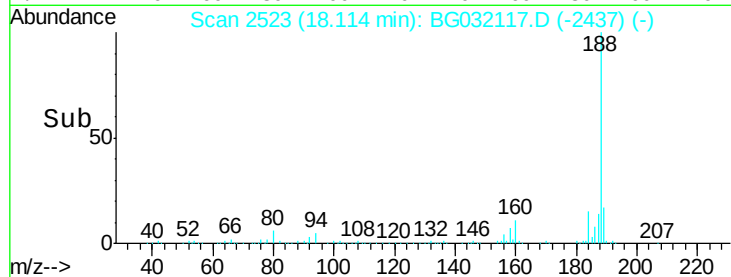
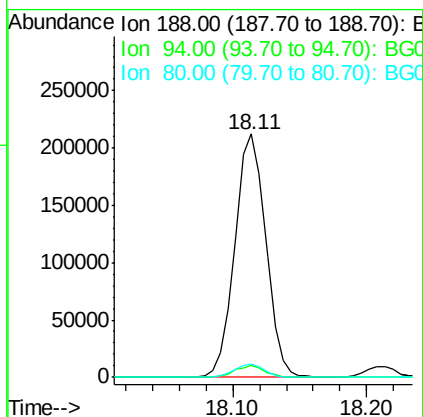
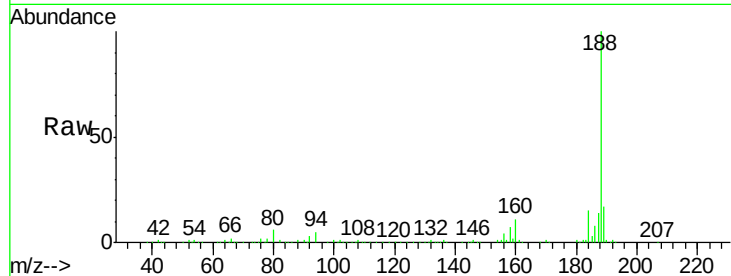




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032117.D
Acq: 18 Jan 2018 1:28

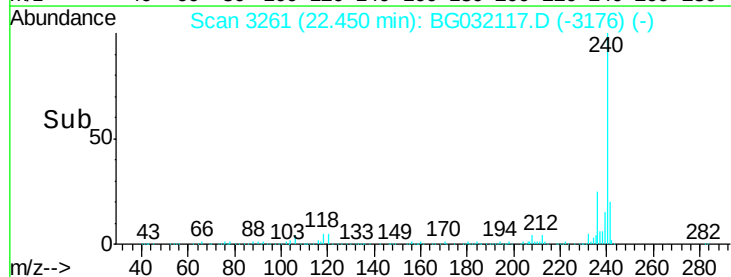
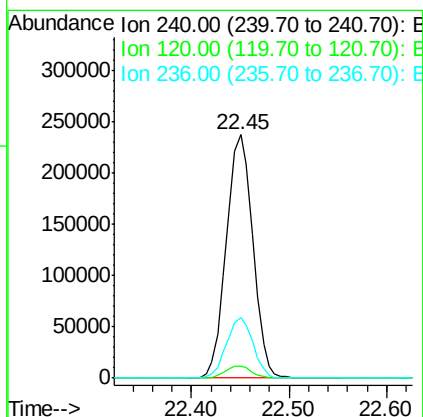
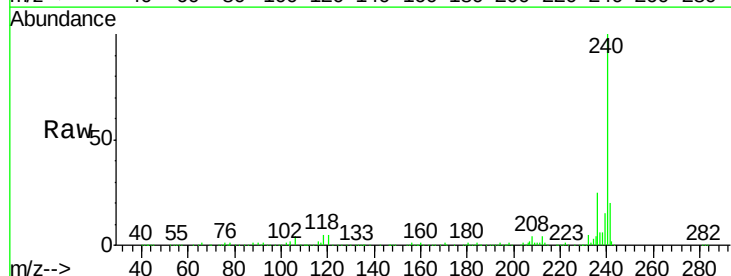
Instrument :
BNA_G
ClientSampleId :
PB105730TB

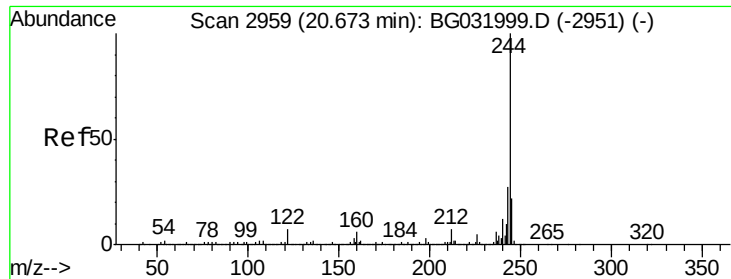
Tgt Ion:188 Resp: 342056
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032117.D
Acq: 18 Jan 2018 1:28

Tgt Ion:240 Resp: 449040
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 82.977 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB105730TB

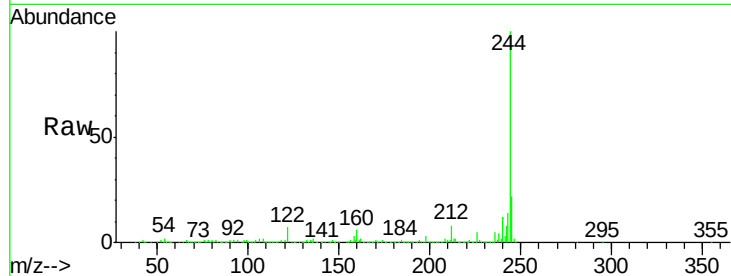
Tgt Ion:244 Resp: 1687472

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

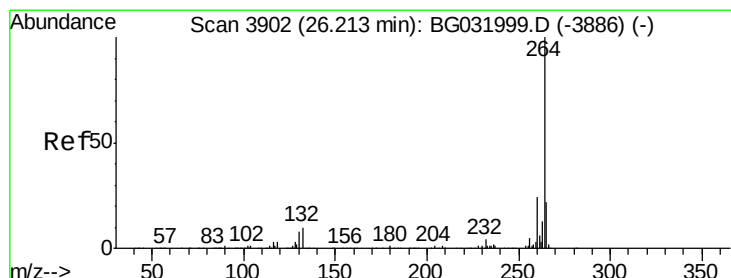
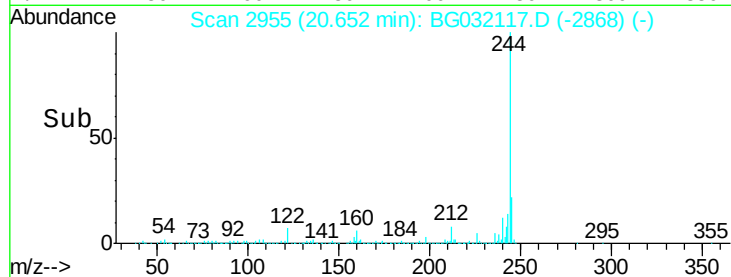
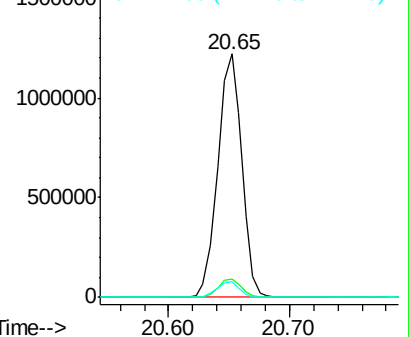
122 6.5 7.0 10.4#



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: 26.16 min Scan# 3892

Delta R.T. -0.06 min

Lab File: BG032117.D

Acq: 18 Jan 2018 1:28

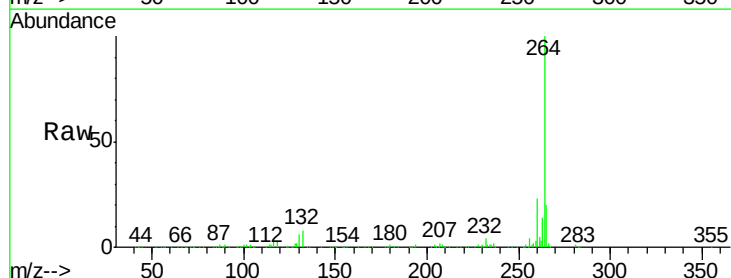
Tgt Ion:264 Resp: 472781

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.2 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

