

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032361.D
 Acq On : 27 Jan 2018 18:02
 Operator : SJ/JU
 Sample : PB106110BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106110BL

Quant Time: Jan 28 00:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34867	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	131073	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	87482	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	243165	20.00	ng	0.00
75) Chrysene-d12	22.42	240	323303	20.00	ng	0.00
86) Perylene-d12	26.10	264	344912	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	162516	85.25	ng	0.00
7) Phenol-d6	7.83	99	193725	80.68	ng	0.00
23) Nitrobenzene-d5	9.92	82	120553	62.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	144574	99.87	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	433880	61.50	ng	0.00
78) Terphenyl-d14	20.63	244	959698	65.54	ng	0.00

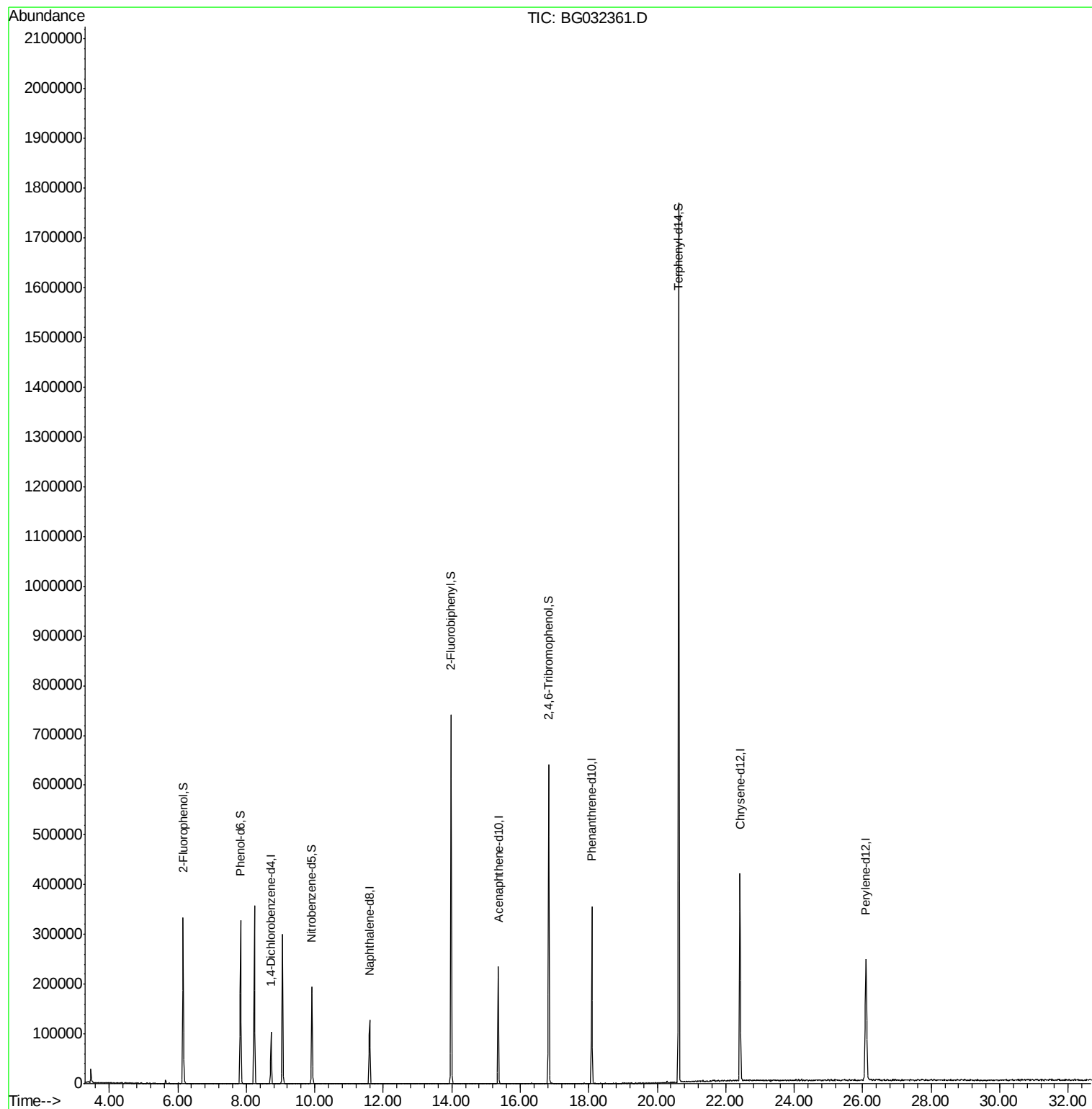
Target Compounds Qvalue

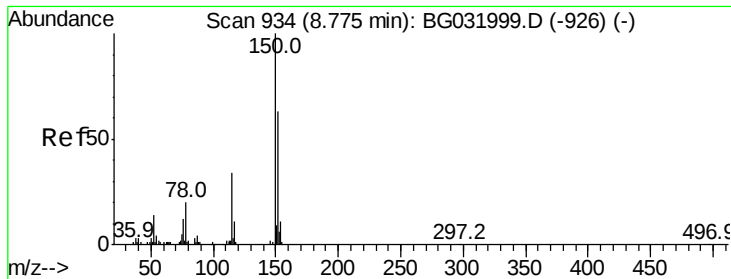
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106110BL

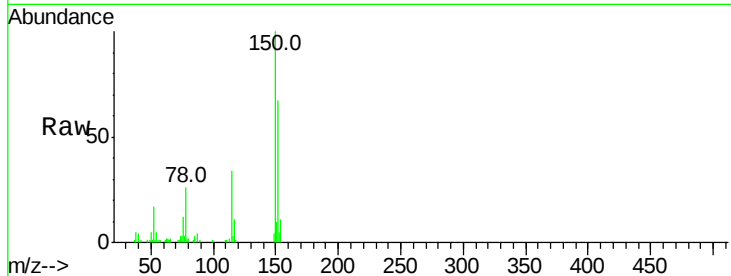
Tot Ion:152 Resp: 34867

Ion Ratio Lower Upper

152 100

150 149.9 126.6 189.8

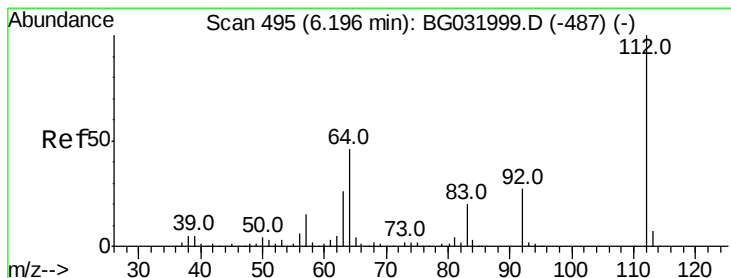
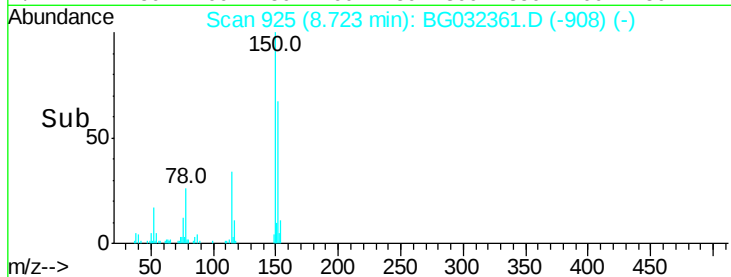
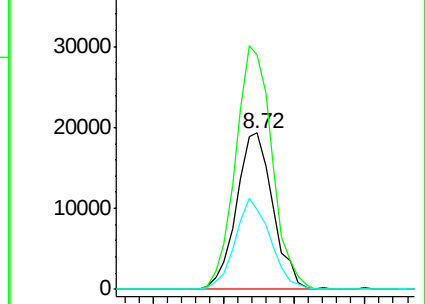
115 50.7 53.0 79.4#



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: 85.247 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

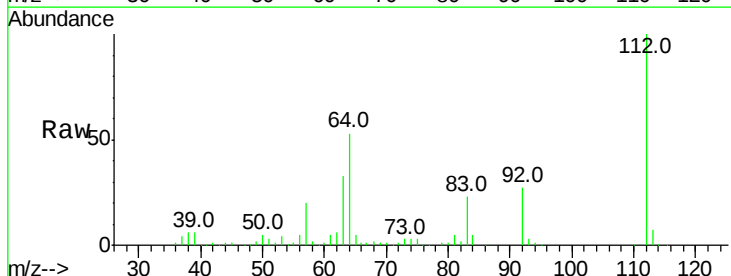
Tgt Ion:112 Resp: 162516

Ion Ratio Lower Upper

112 100

64 53.4 56.3 84.5#

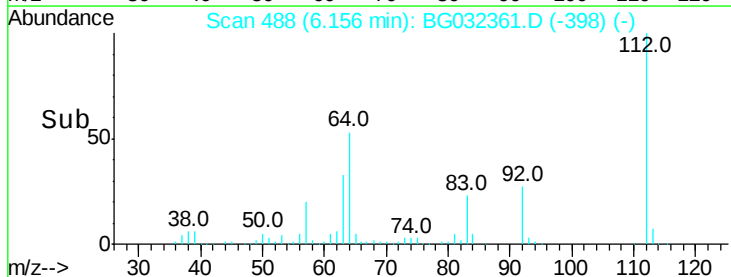
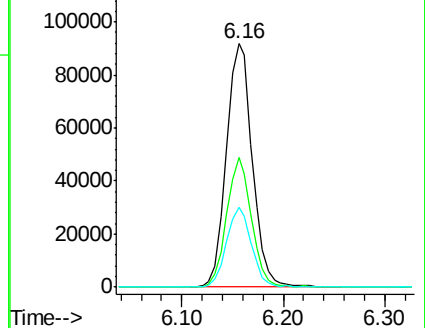
63 32.9 30.1 45.1

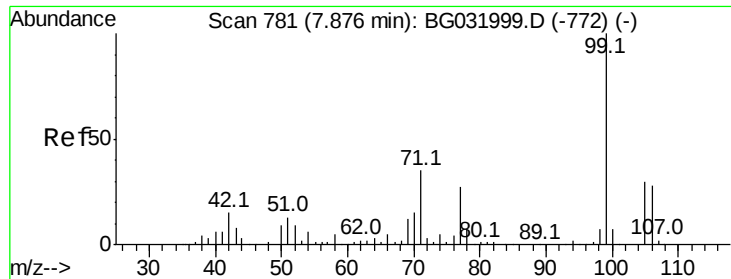


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.685 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106110BL

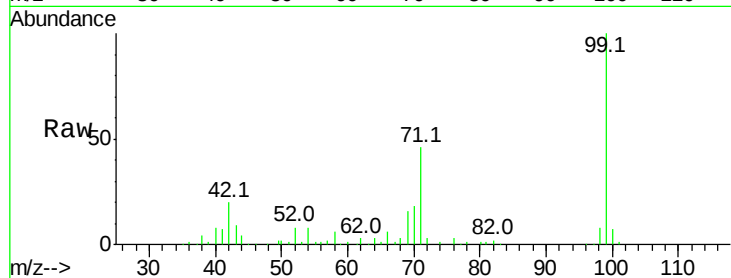
Tot Ion: 99 Resp: 193725

Ion Ratio Lower Upper

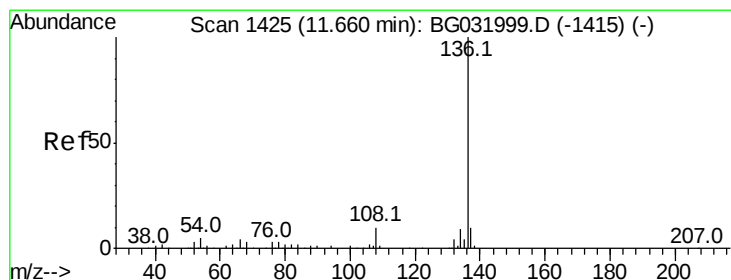
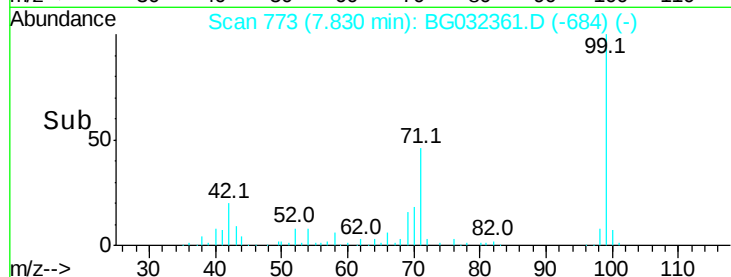
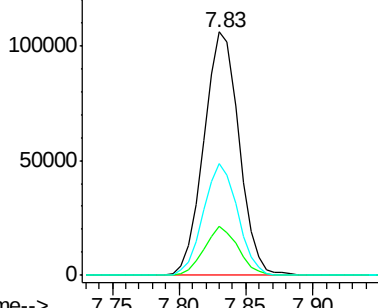
99 100

42 20.3 14.1 21.1

71 46.0 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Tgt Ion: 136 Resp: 131073

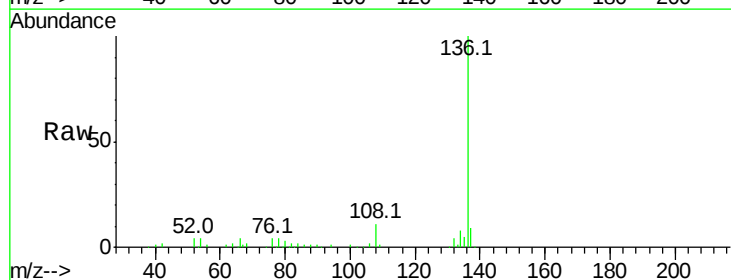
Ion Ratio Lower Upper

136 100

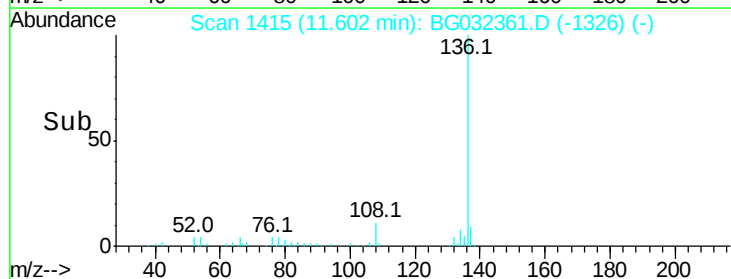
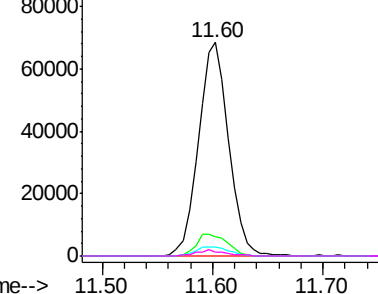
137 9.3 9.2 13.8

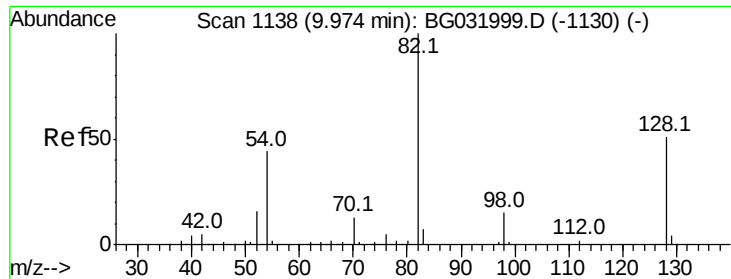
54 4.4 10.3 15.5#

68 2.0 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

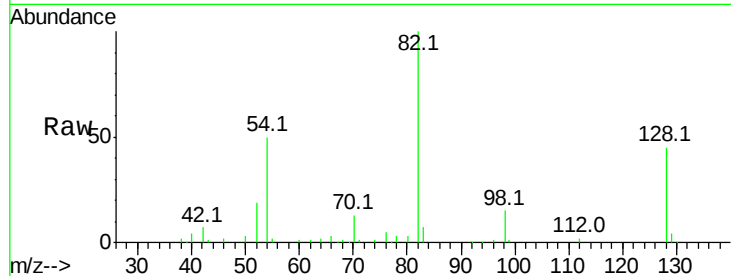




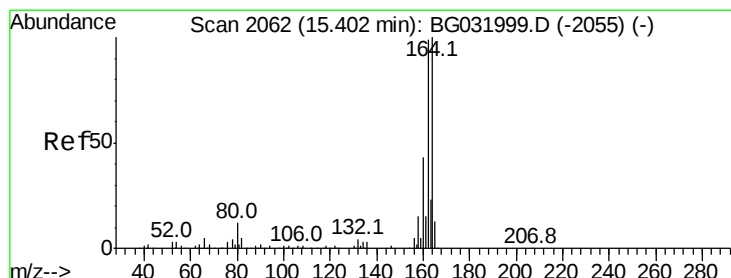
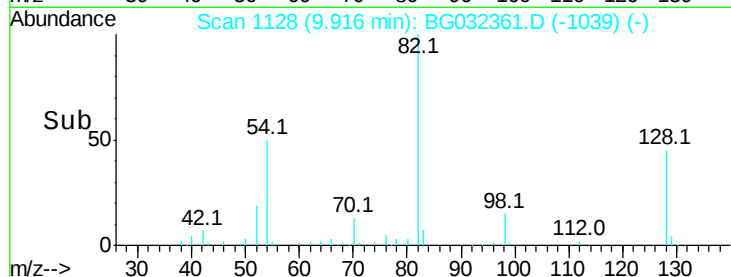
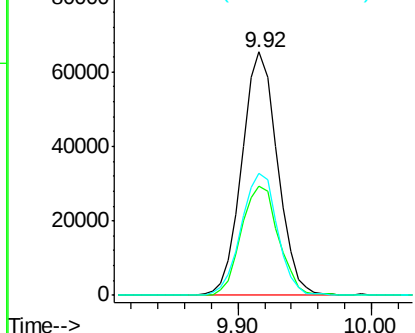
#23
 Nitrobenzene-d5
 Concen: 62.224 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106110BL

Tot Ion: 82 Resp: 120553
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 50.3 43.1 64.7

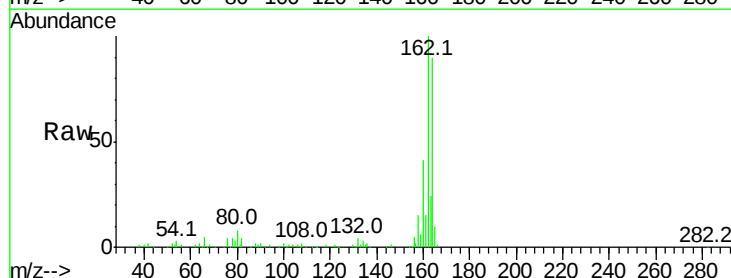


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

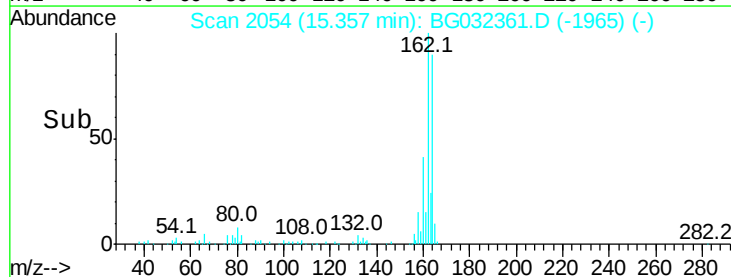
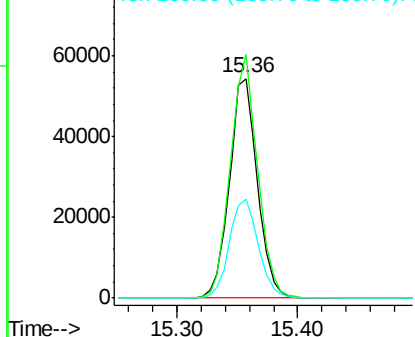


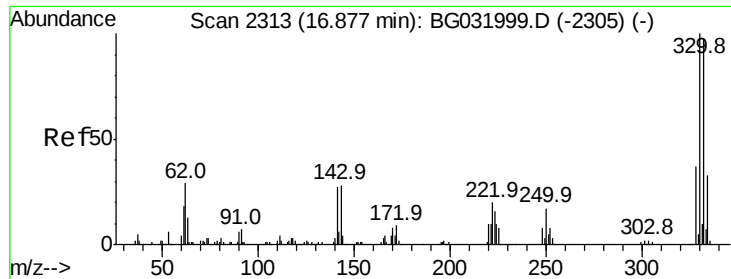
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

Tgt Ion:164 Resp: 87482
 Ion Ratio Lower Upper
 164 100
 162 110.9 78.8 118.2
 160 45.1 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

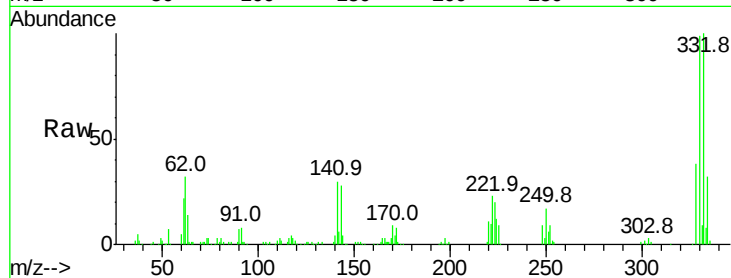




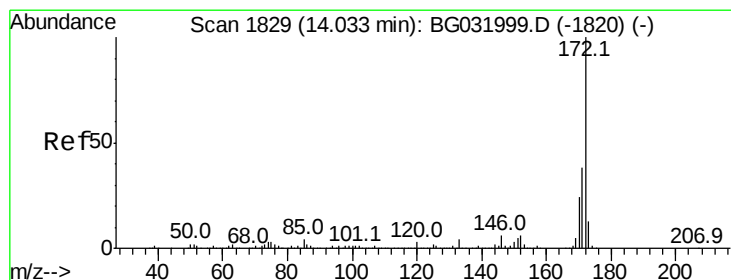
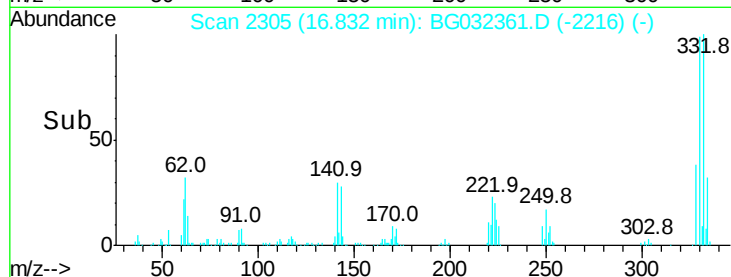
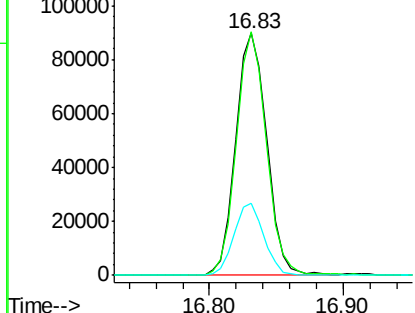
#41
 2,4,6-Tribromophenol
 Concen: 99.870 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106110BL

Tot Ion:330 Resp: 144574
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 29.0 25.2 37.8

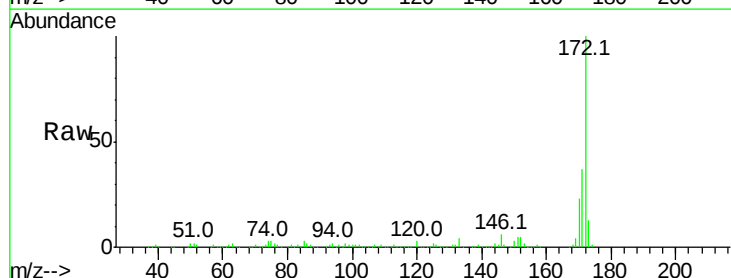


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

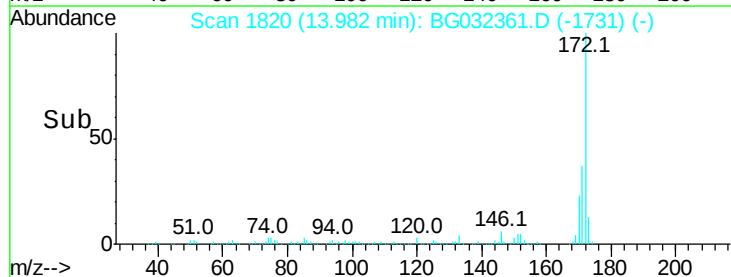
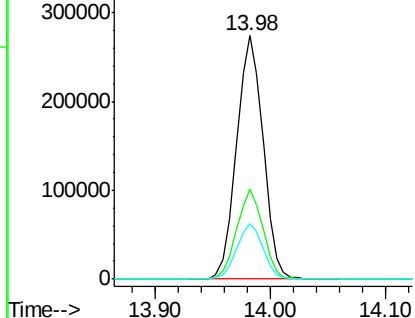


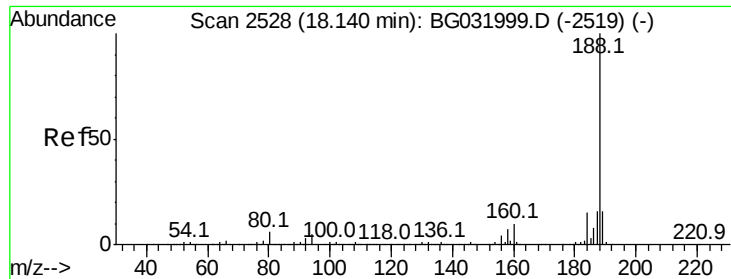
#44
 2-Fluorobiphenyl
 Concen: 61.497 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

Tgt Ion:172 Resp: 433880
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 22.8 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

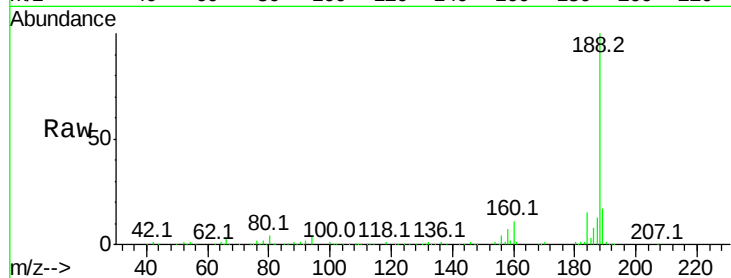




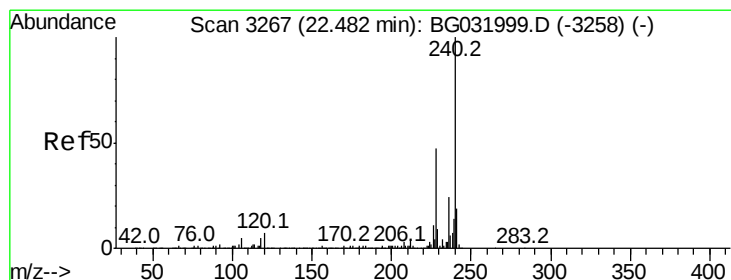
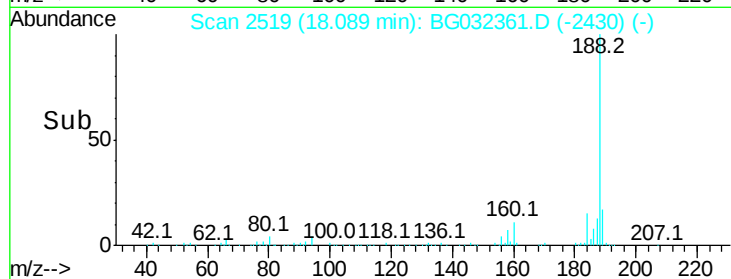
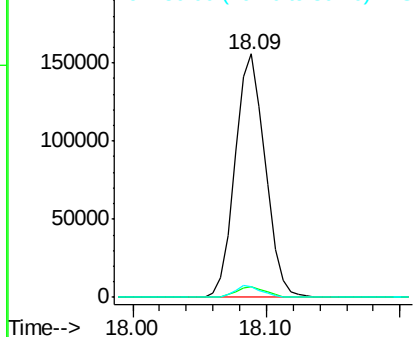
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032361.D
Acq: 27 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :
PB106110BL

Tot Ion:188 Resp: 243165
Ion Ratio Lower Upper
188 100
94 4.1 6.9 10.3#
80 4.3 7.7 11.5#

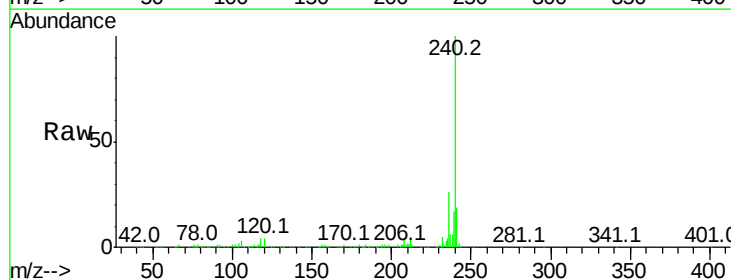


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

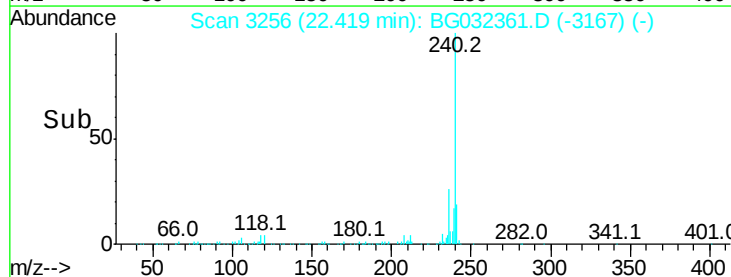
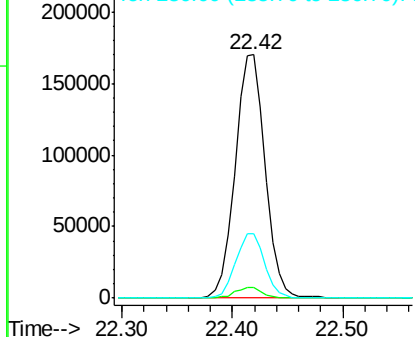


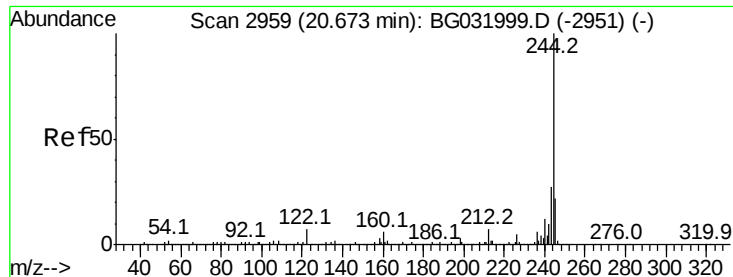
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032361.D
Acq: 27 Jan 2018 18:02

Tgt Ion:240 Resp: 323303
Ion Ratio Lower Upper
240 100
120 4.5 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: 65.544 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

PB106110BL

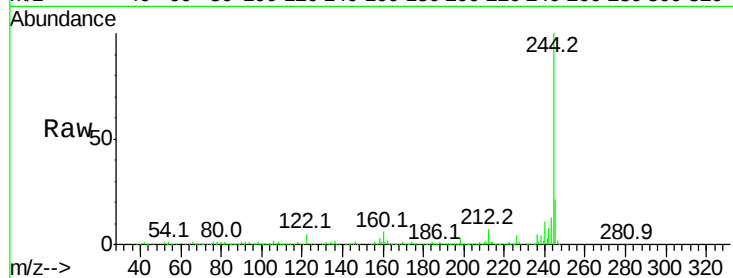
Tot Ion:244 Resp: 959698

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

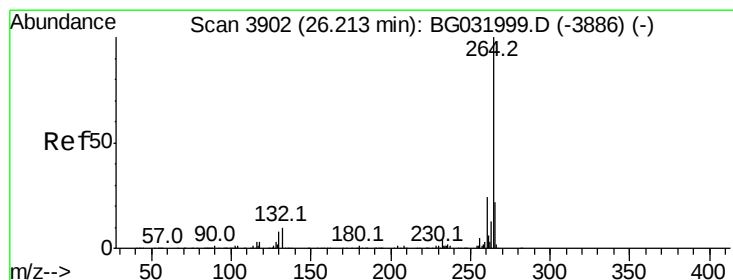
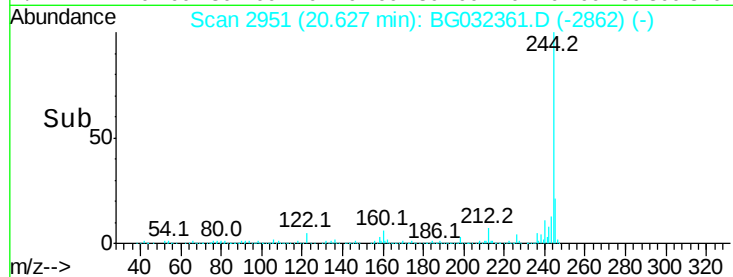
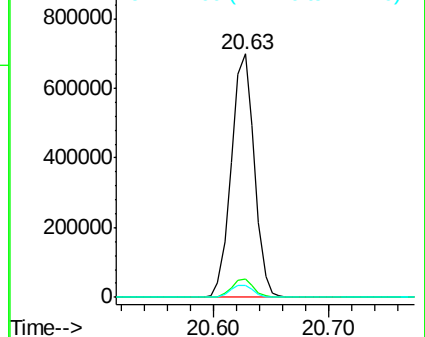
122 5.0 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

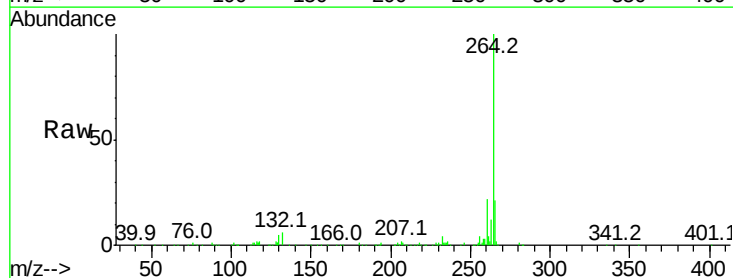
Tgt Ion:264 Resp: 344912

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 21.0 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

