

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031761.D
 Acq On : 26 Dec 2017 14:44
 Operator : SJ/JU
 Sample : PB105312BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BL

Quant Time: Dec 26 16:07:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	44788	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	174511	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	120713	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	335758	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	418235	20.00	ng	-0.05
86) Perylene-d12	26.28	264	450128	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	317390	129.07	ng	-0.02
7) Phenol-d6	7.91	99	390575	122.34	ng	-0.02
23) Nitrobenzene-d5	10.00	82	198040	85.69	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	264429	143.56	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	786379	81.77	ng	-0.03
78) Terphenyl-d14	20.70	244	1602550	87.54	ng	-0.04

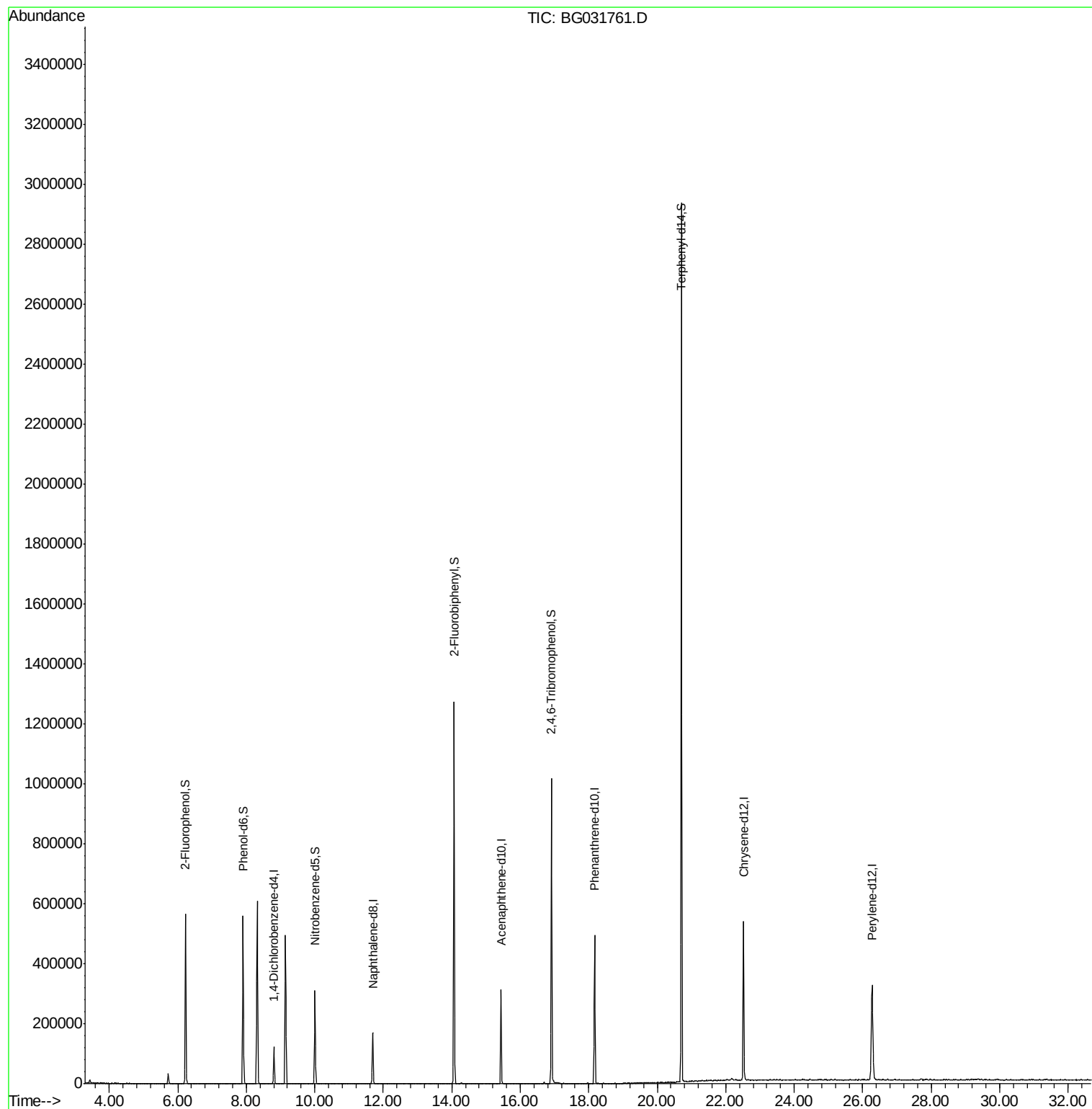
Target Compounds Qvalue

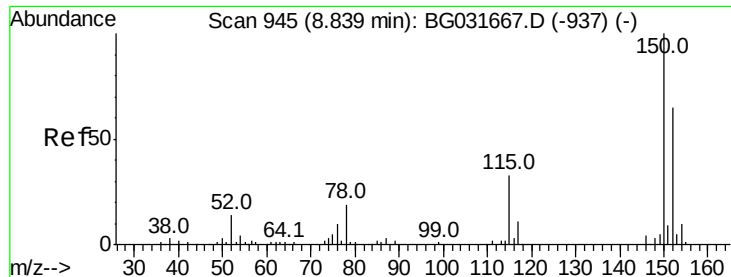
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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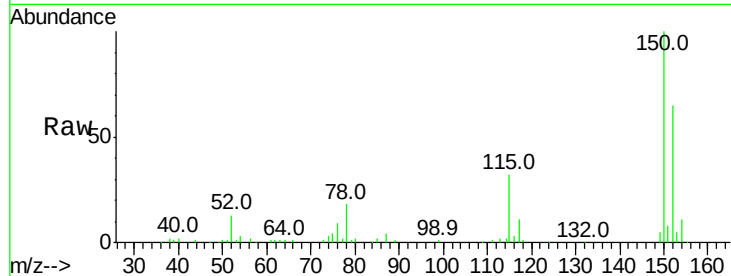


#1

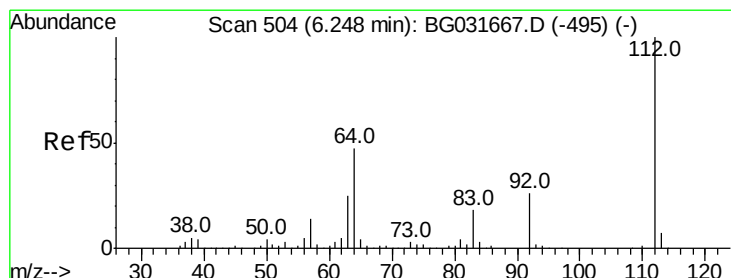
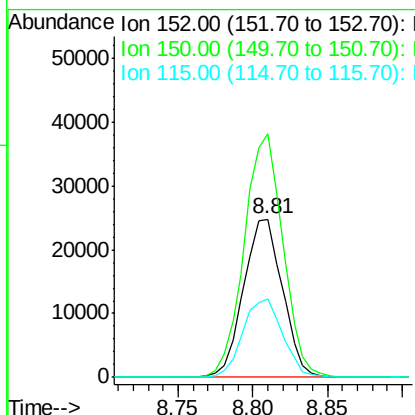
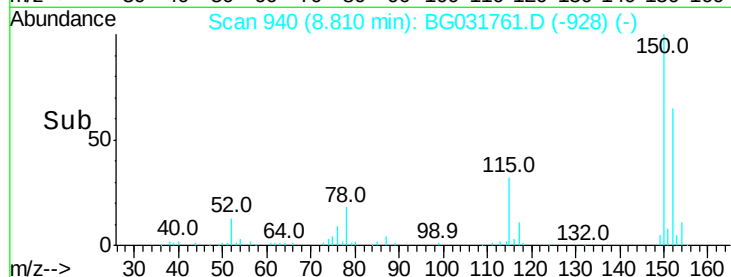
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.81 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BL

Tot Ion:152 Resp: 44788
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.6 189.8
 115 50.0 53.0 79.4#



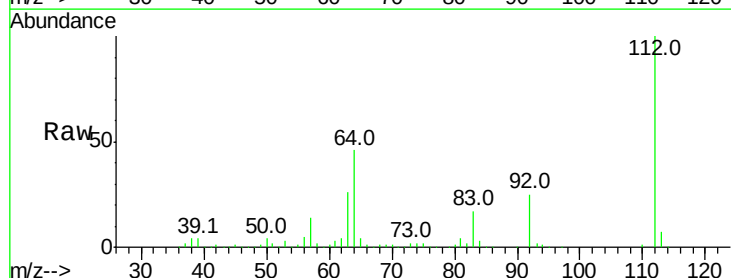
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



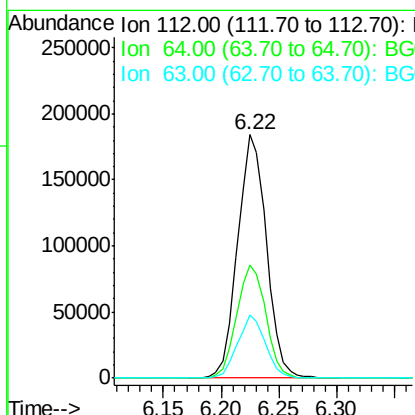
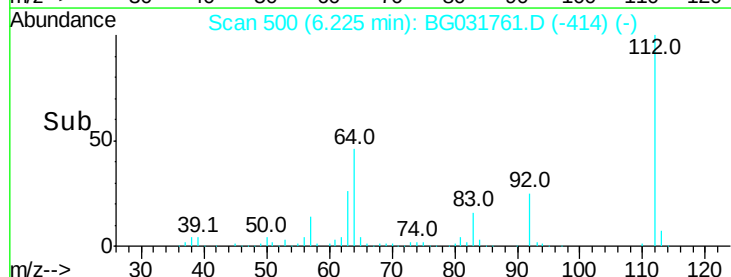
#5

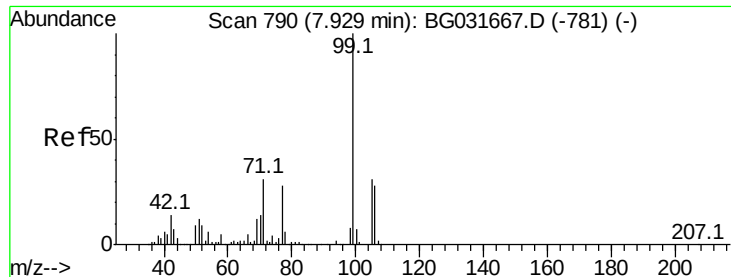
2-Fluorophenol
 Concen: 129.072 ng
 RT: 6.22 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Tgt Ion:112 Resp: 317390
 Ion Ratio Lower Upper
 112 100
 64 46.5 56.3 84.5#
 63 25.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.337 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB105312BL

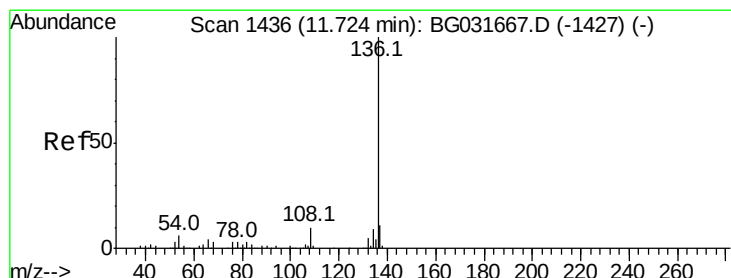
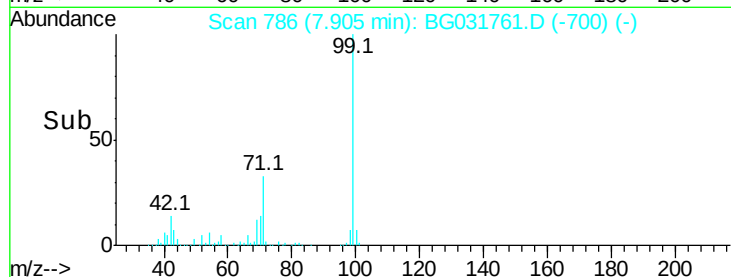
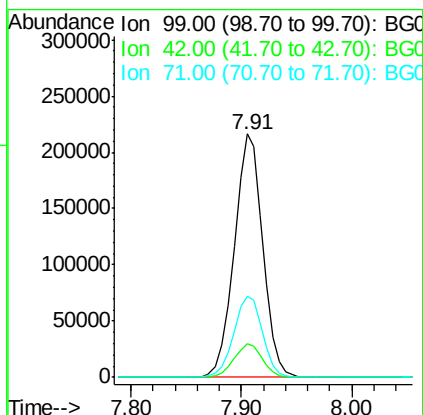
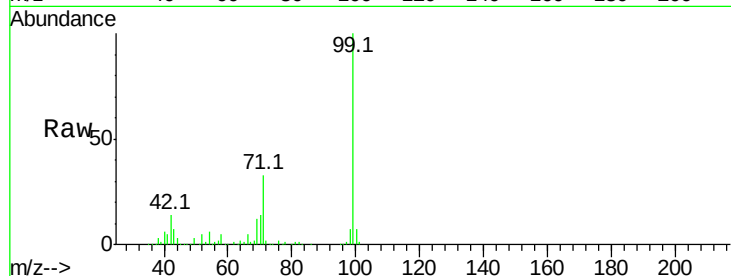
Tot Ion: 99 Resp: 390575

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 33.3 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

Tgt Ion: 136 Resp: 174511

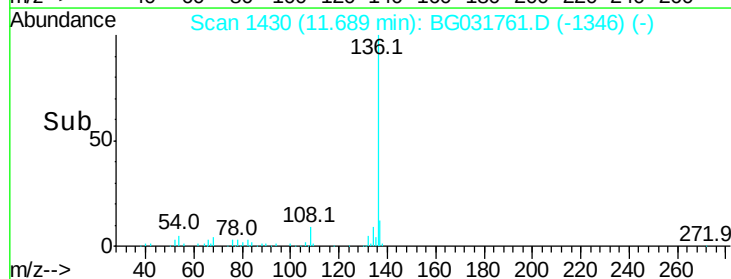
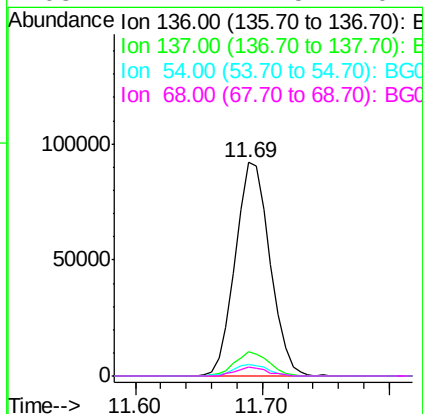
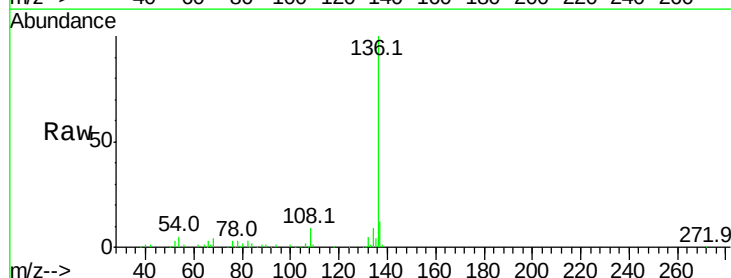
Ion Ratio Lower Upper

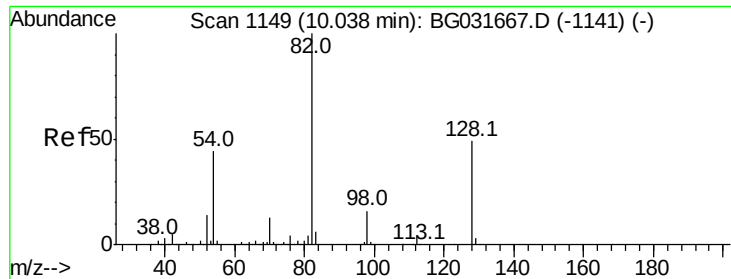
136 100

137 11.7 9.2 13.8

54 5.4 10.3 15.5#

68 4.1 4.5 6.7#

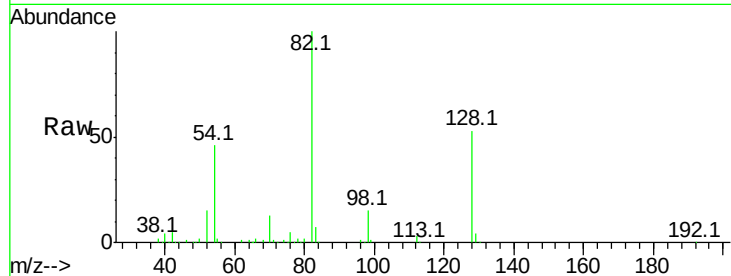




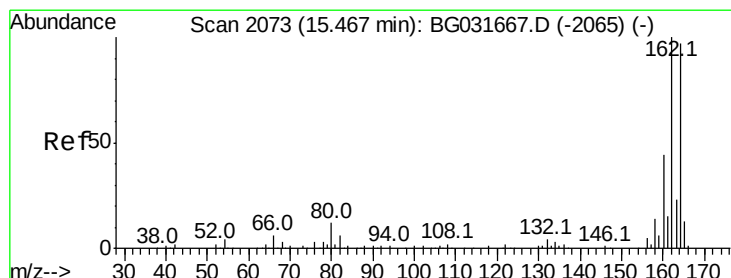
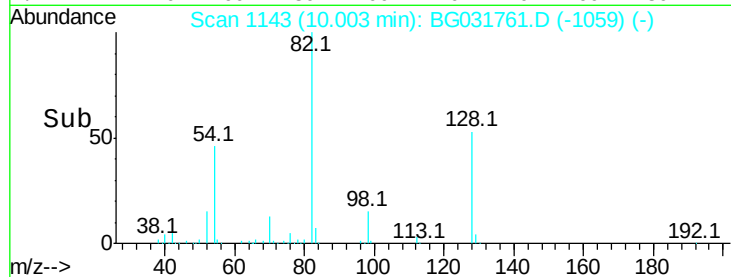
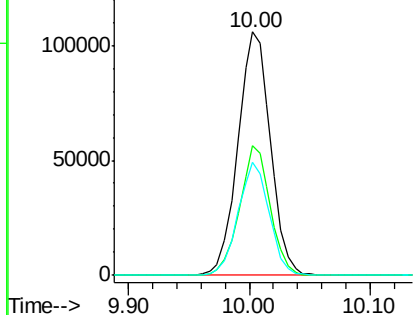
#23
 Nitrobenzene-d5
 Concen: 85.693 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BL

Tot Ion: 82 Resp: 198040
 Ion Ratio Lower Upper
 82 100
 128 53.1 29.7 44.5#
 54 46.3 43.1 64.7

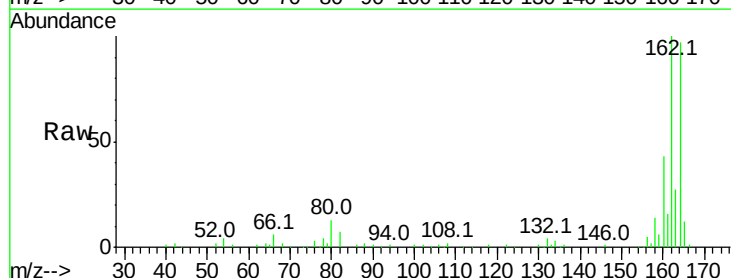


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BG

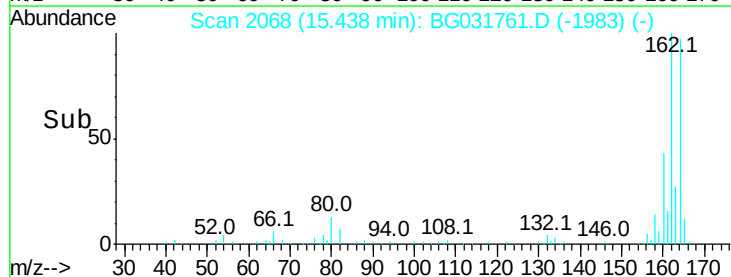
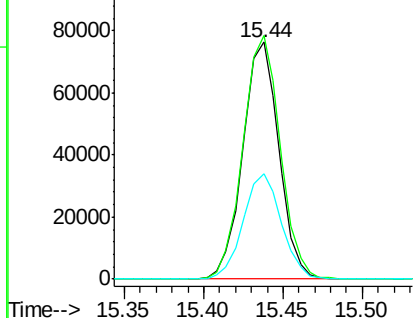


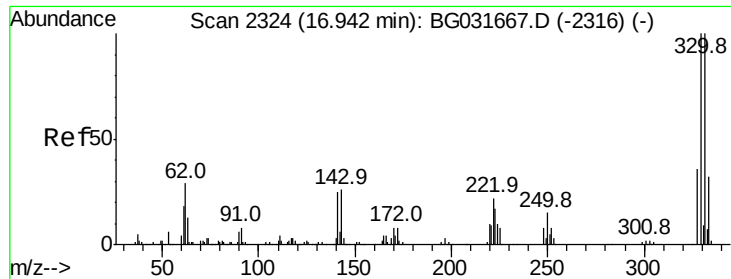
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.03 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Tgt Ion: 164 Resp: 120713
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 44.8 35.4 53.0



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

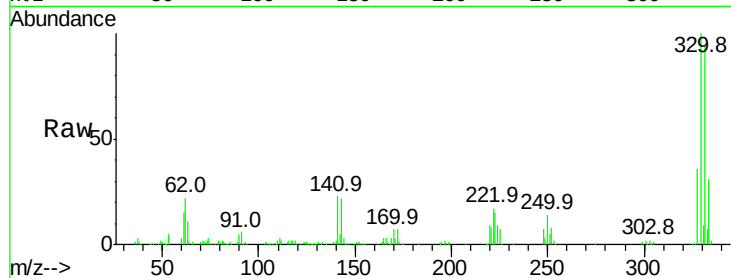




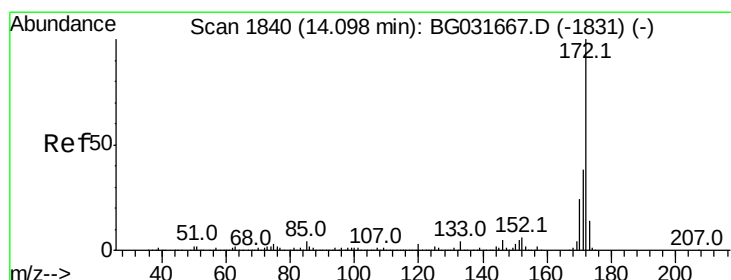
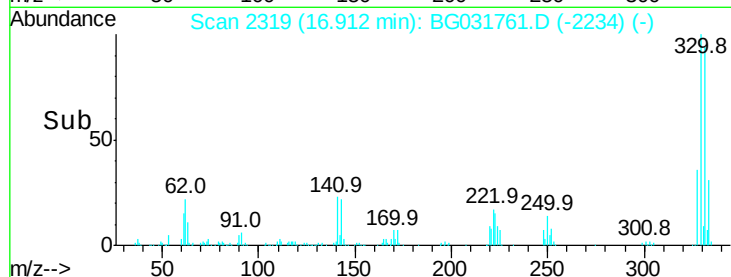
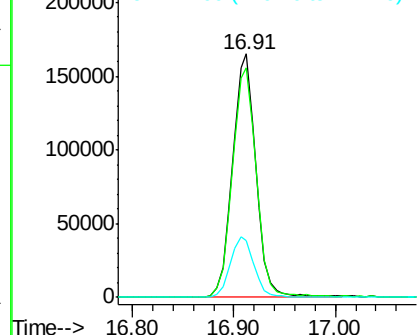
#41
 2,4,6-Tribromophenol
 Concen: 143.562 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB105312BL

Tot Ion:330 Resp: 264429
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 25.1 25.2 37.8#

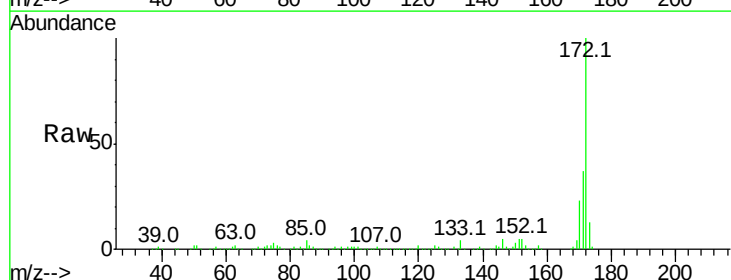


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

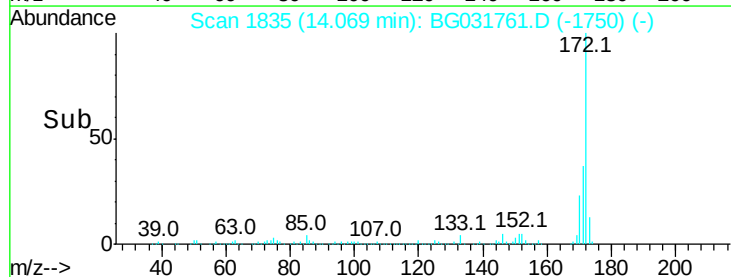
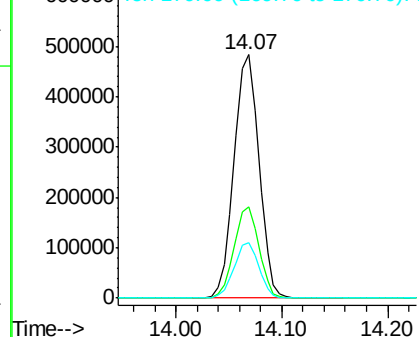


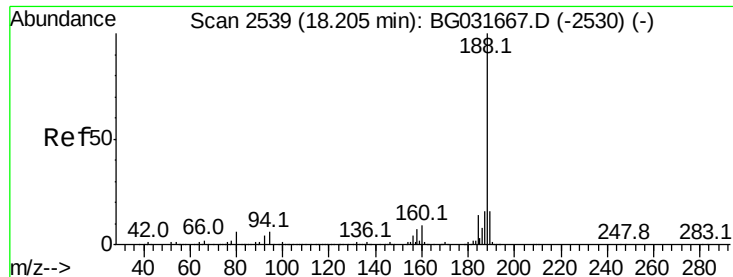
#44
 2-Fluorobiphenyl
 Concen: 81.765 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031761.D
 Acq: 26 Dec 2017 14:44

Tgt Ion:172 Resp: 786379
 Ion Ratio Lower Upper
 172 100
 171 37.3 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: 18.17 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

Instrument :

BNA_G

ClientSampleId :

PB105312BL

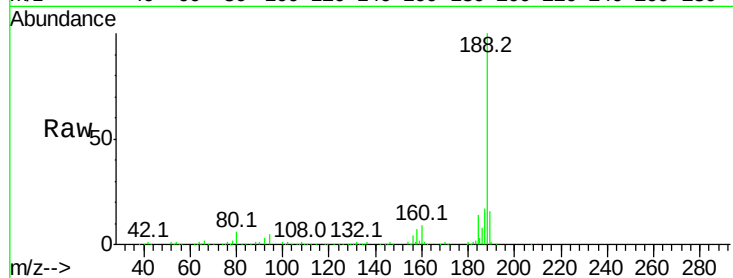
Tot Ion:188 Resp: 335758

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

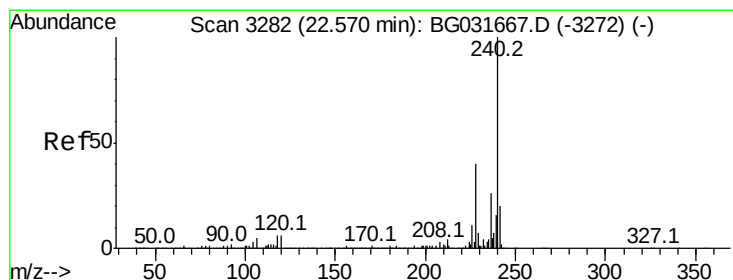
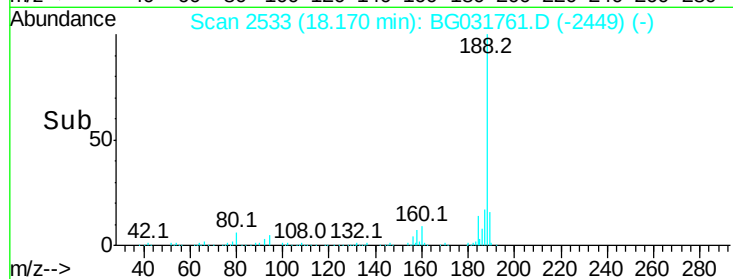
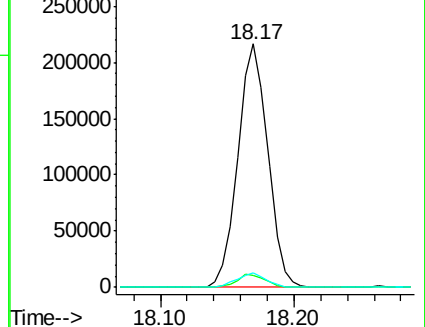
80 5.8 7.7 11.5#



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: 22.52 min Scan# 3273

Delta R.T. -0.05 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

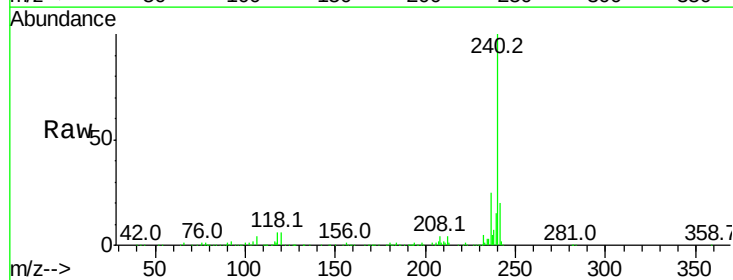
Tgt Ion:240 Resp: 418235

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

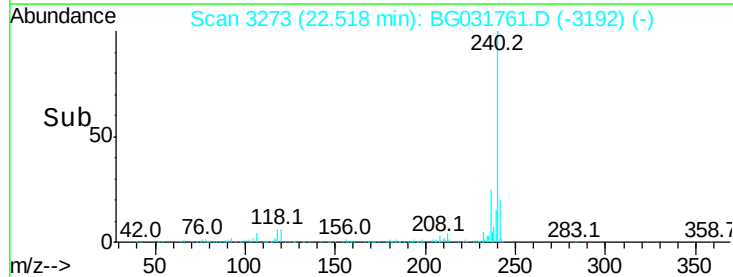
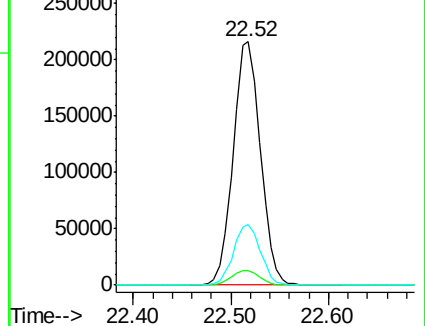
236 25.0 20.9 31.3

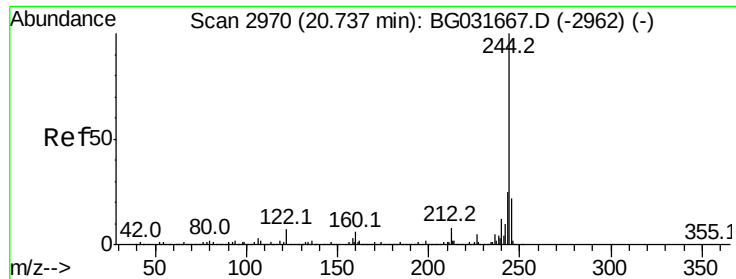


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.541 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.04 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

Instrument :

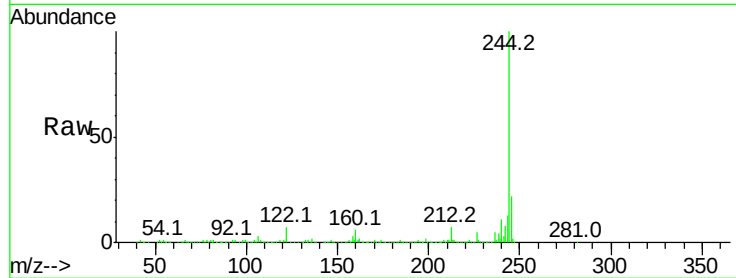
BNA_G

ClientSampleId :

PB105312BL

Tot Ion:244 Resp: 1602550

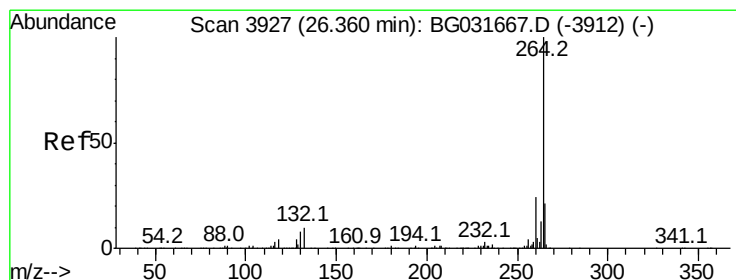
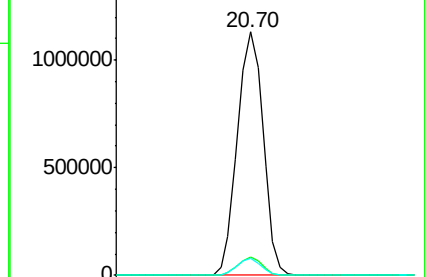
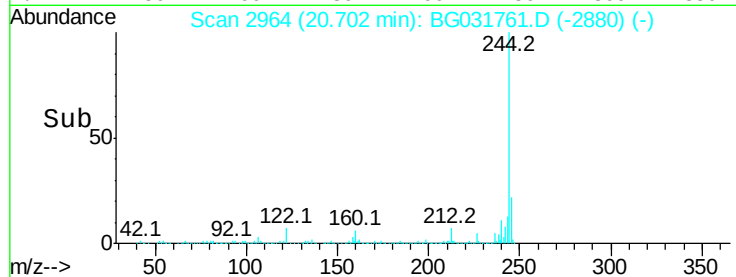
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.0	7.0	10.4



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: 26.28 min Scan# 3913

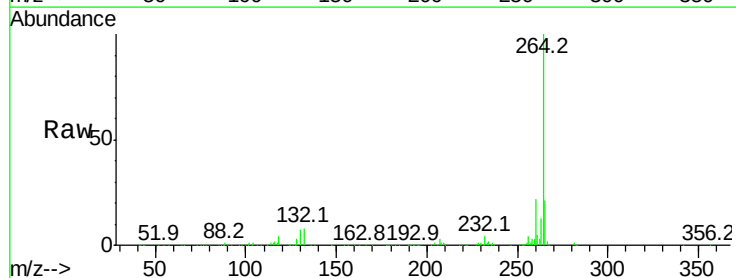
Delta R.T. -0.08 min

Lab File: BG031761.D

Acq: 26 Dec 2017 14:44

Tgt Ion:264 Resp: 450128

Ion	Ratio	Lower	Upper
264	100		
260	22.2	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

