

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032087.D
 Acq On : 17 Jan 2018 2:08
 Operator : SJ/JU
 Sample : PB105704TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105704TB

Quant Time: Jan 17 04:23:32 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	8.77	152	49966	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	195727	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132467	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	341007	20.00	ng	0.00
75) Chrysene-d12	22.47	240	420110	20.00	ng	-0.01
86) Perylene-d12	26.18	264	424393	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	294292	107.72	ng	0.00
7) Phenol-d6	7.87	99	366903	106.63	ng	0.00
23) Nitrobenzene-d5	9.96	82	211265	73.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	230437	105.13	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	743276	69.57	ng	0.00
78) Terphenyl-d14	20.67	244	1402282	73.70	ng	0.00

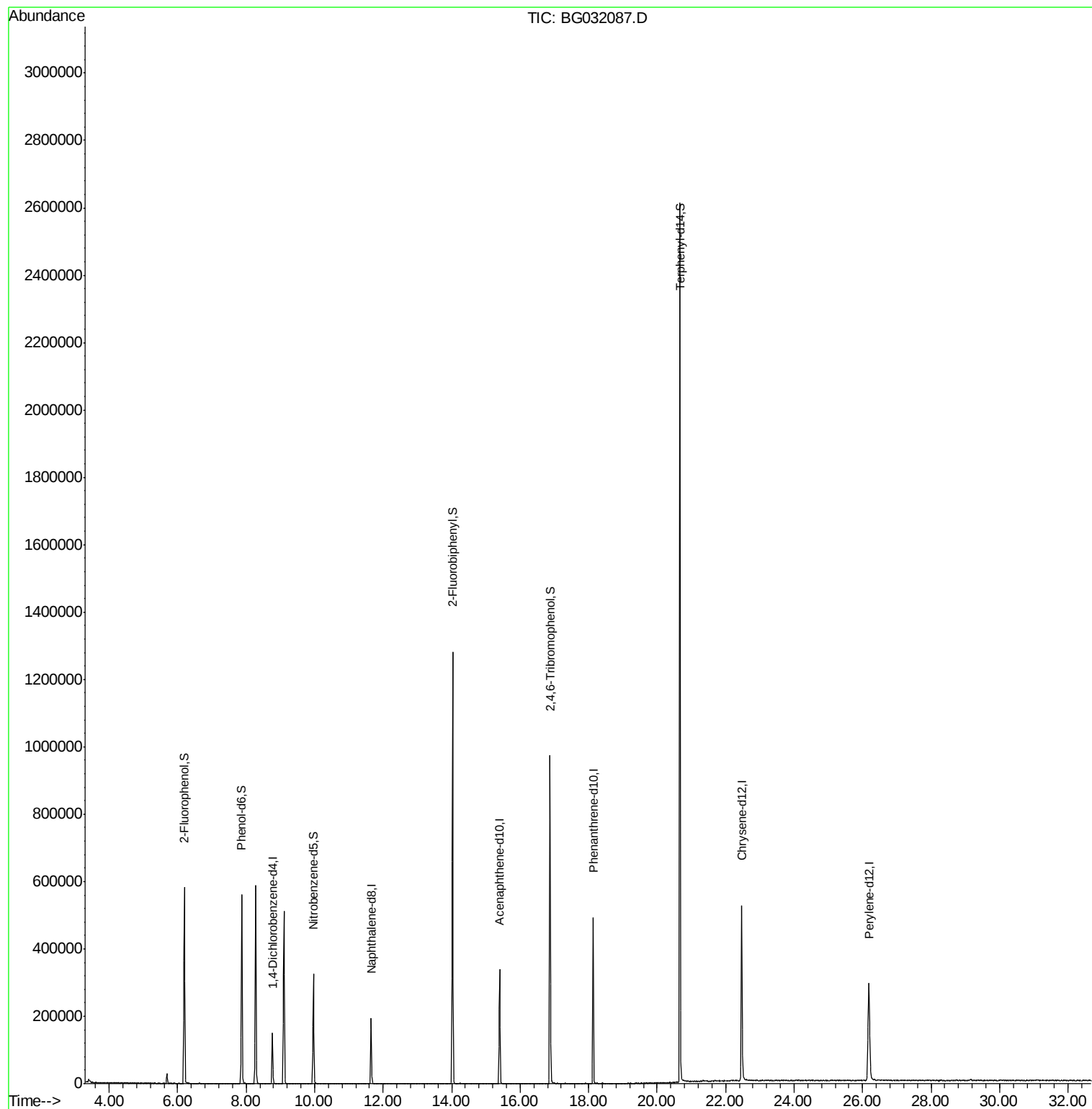
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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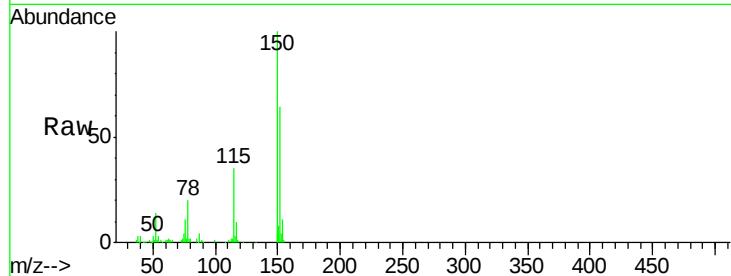


#1

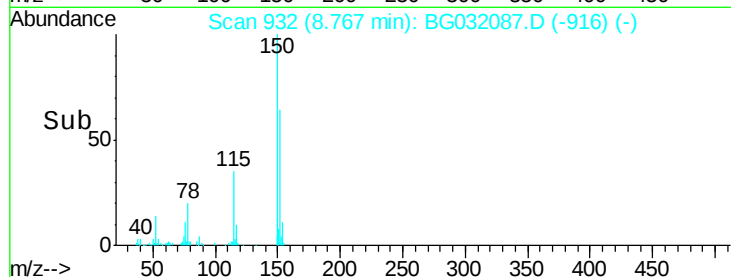
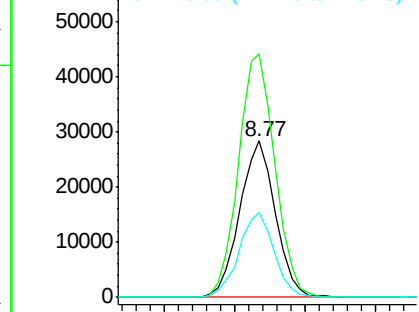
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :
 PB105704TB

Tgt Ion:152 Resp: 49966
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.6 189.8
 115 54.2 53.0 79.4



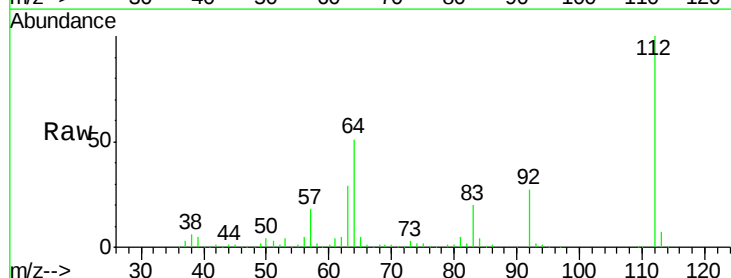
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



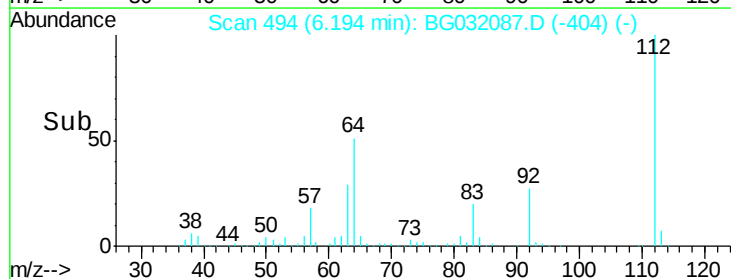
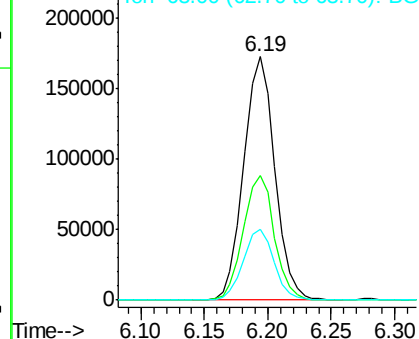
#5

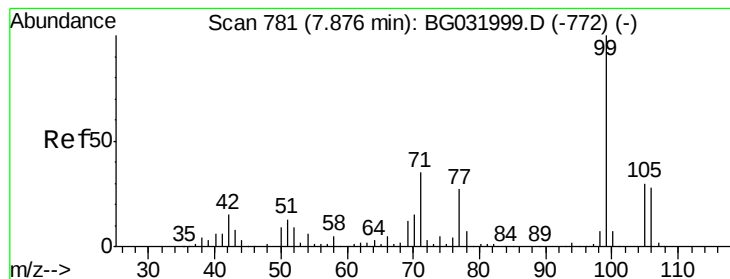
2-Fluorophenol
 Concen: 107.721 ng
 RT: 6.19 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion:112 Resp: 294292
 Ion Ratio Lower Upper
 112 100
 64 51.2 56.3 84.5#
 63 29.3 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: 106.635 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Instrument :

BNA_G

ClientSampleId :

PB105704TB

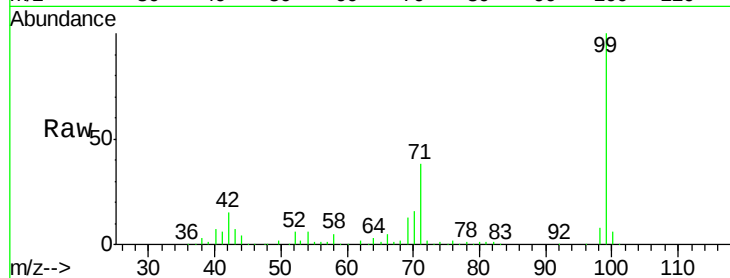
Tgt Ion: 99 Resp: 366903

Ion Ratio Lower Upper

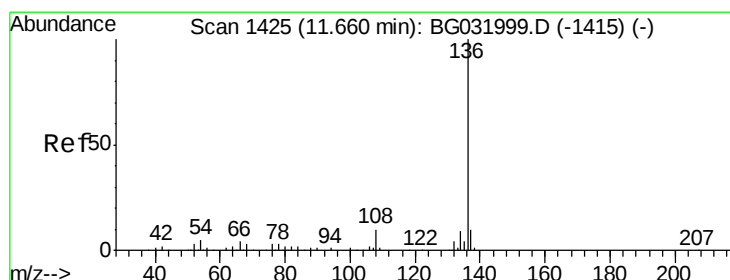
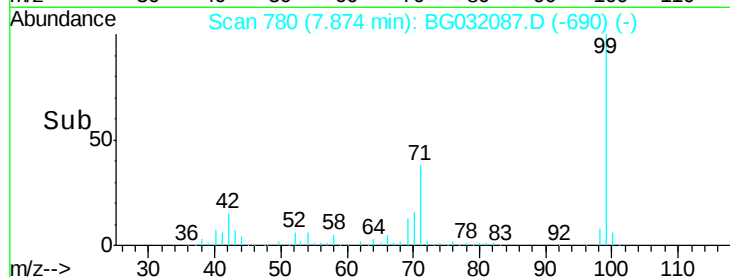
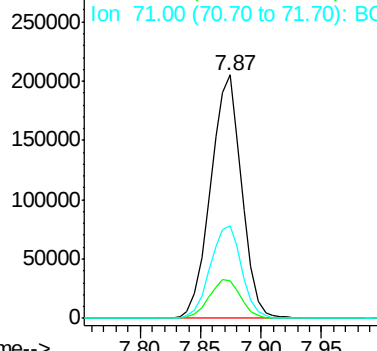
99 100

42 15.4 14.1 21.1

71 38.3 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: 11.65 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Tgt Ion: 136 Resp: 195727

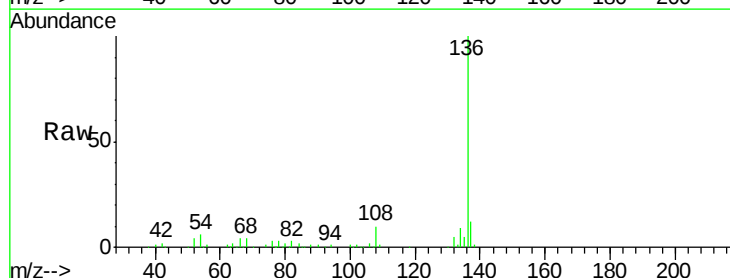
Ion Ratio Lower Upper

136 100

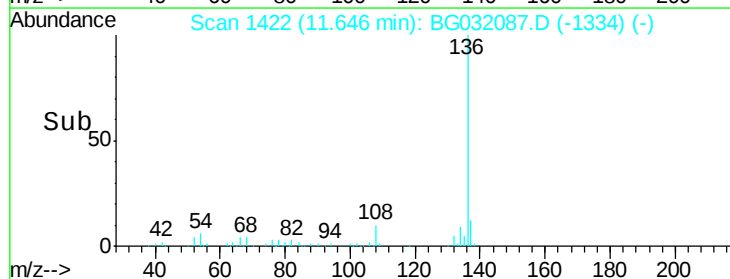
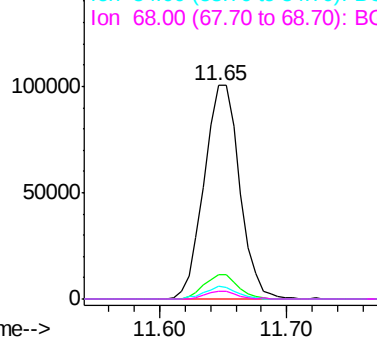
137 11.7 9.2 13.8

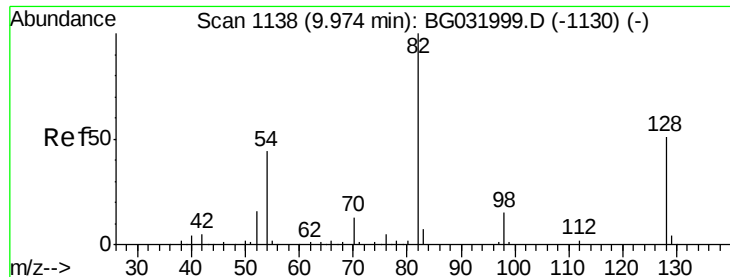
54 6.2 10.3 15.5#

68 3.7 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

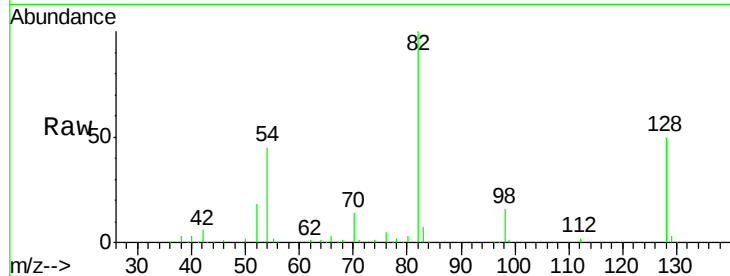




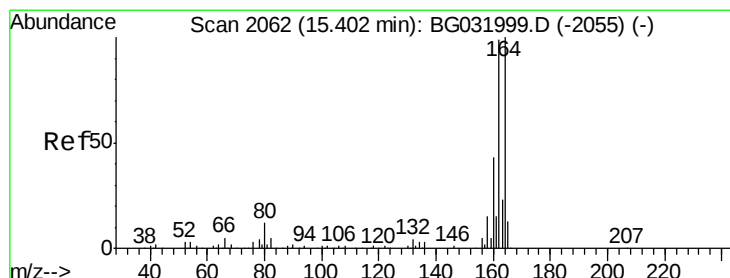
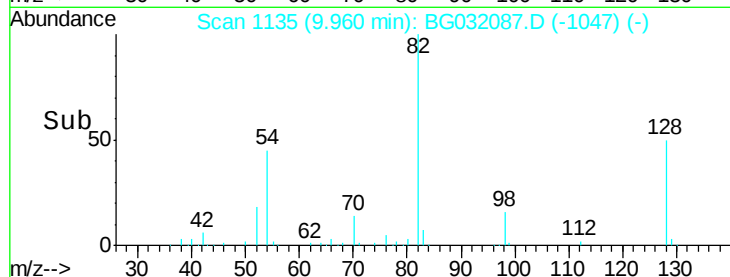
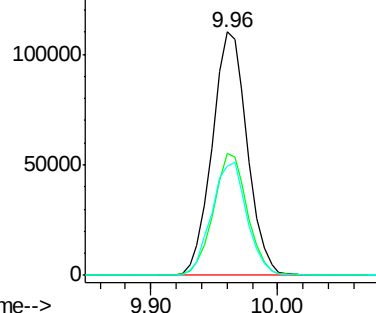
#23
Nitrobenzene-d5
Concen: 73.025 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

Instrument :
BNA_G
ClientSampleId :
PB105704TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.9	29.7	44.5#
54	44.9	43.1	64.7

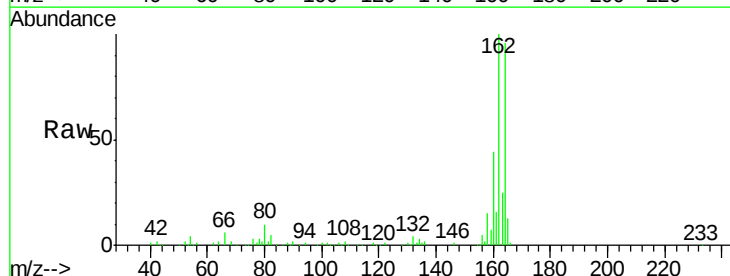


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

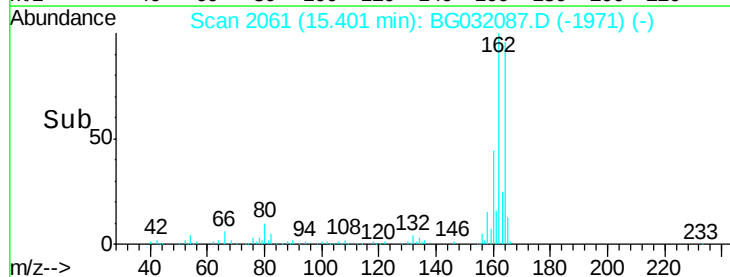
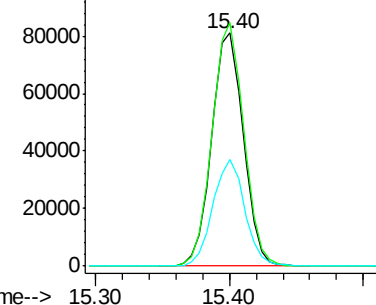


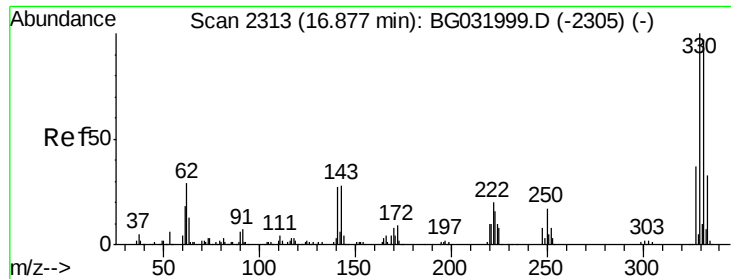
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.1	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

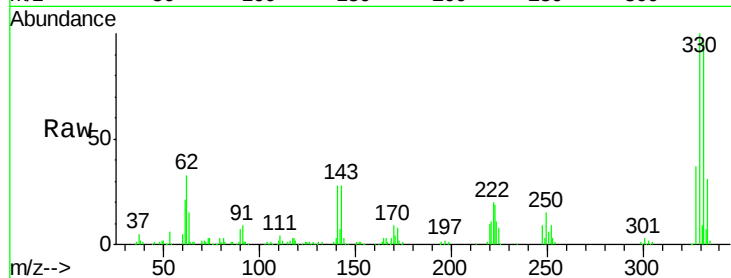




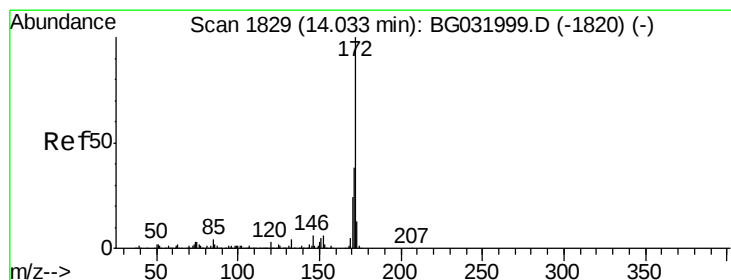
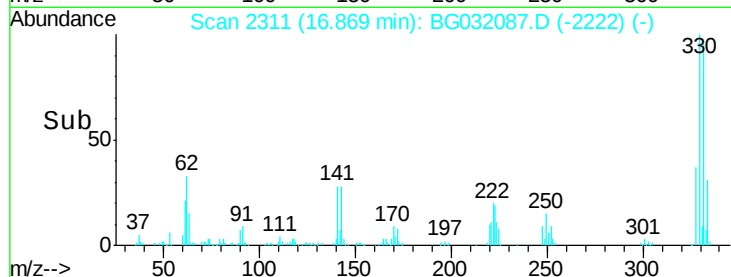
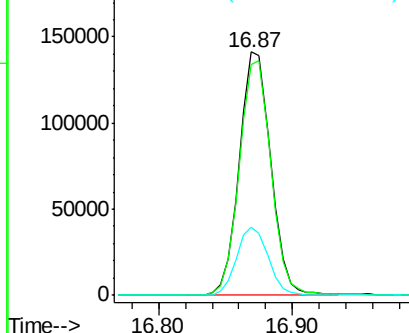
#41
 2,4,6-Tribromophenol
 Concen: 105.125 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :
 PB105704TB

Tgt Ion:330 Resp: 230437
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 28.3 25.2 37.8

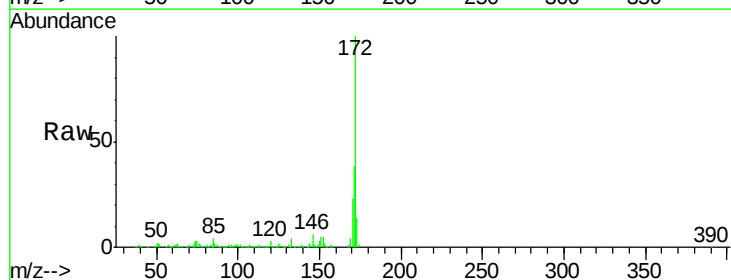


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

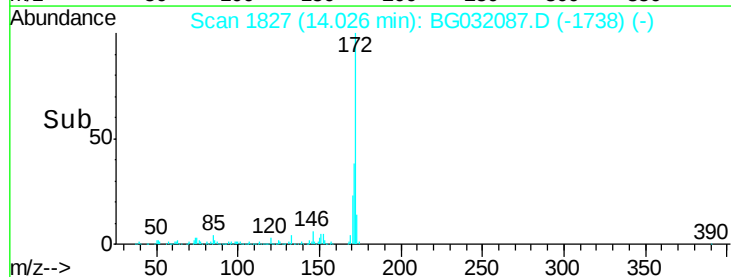
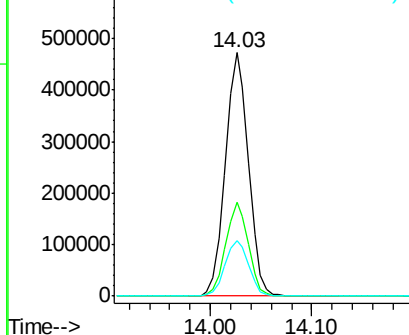


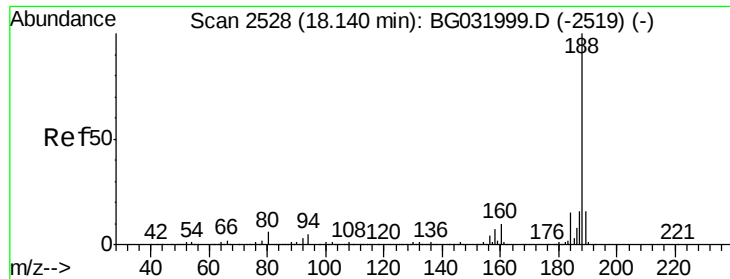
#44
 2-Fluorobiphenyl
 Concen: 69.574 ng
 RT: 14.03 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032087.D
 Acq: 17 Jan 2018 2:08

Tgt Ion:172 Resp: 743276
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 22.5 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

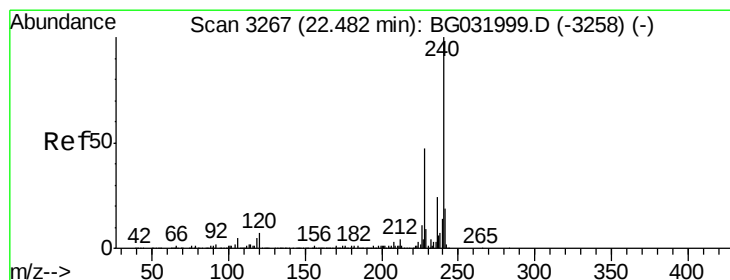
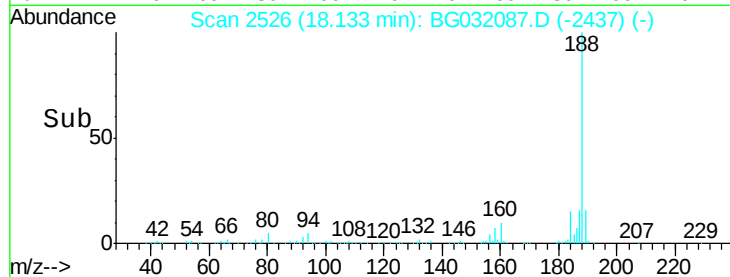
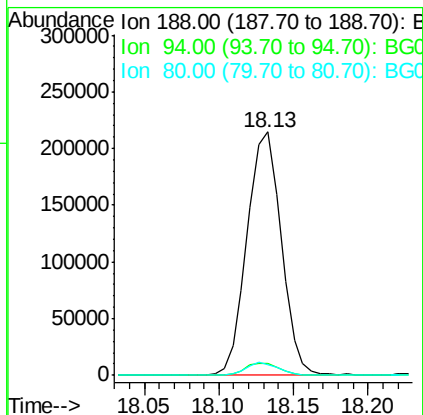
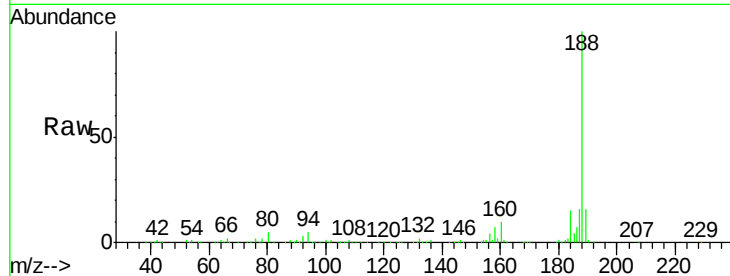




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

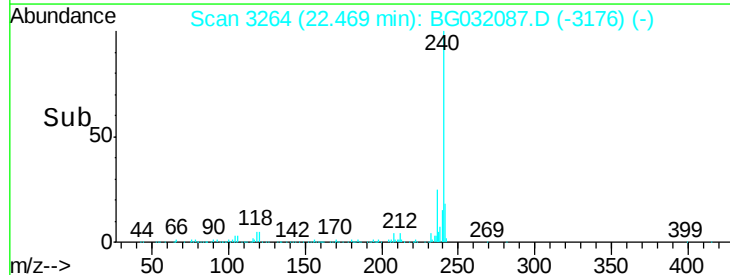
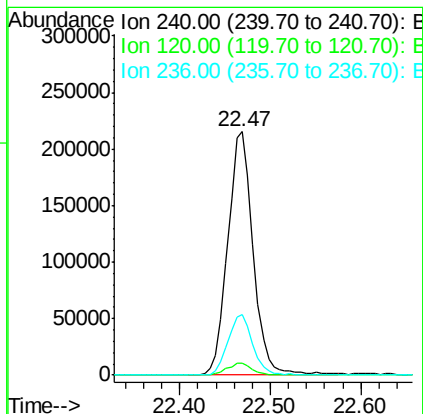
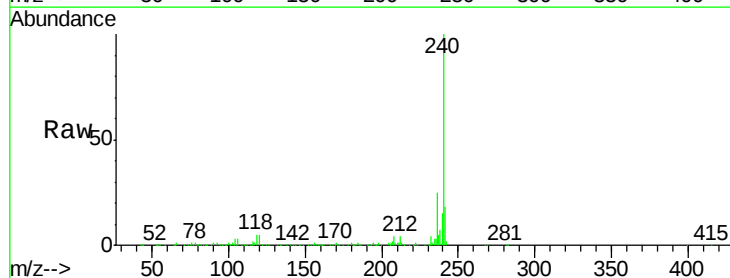
Instrument :
BNA_G
ClientSampleId :
PB105704TB

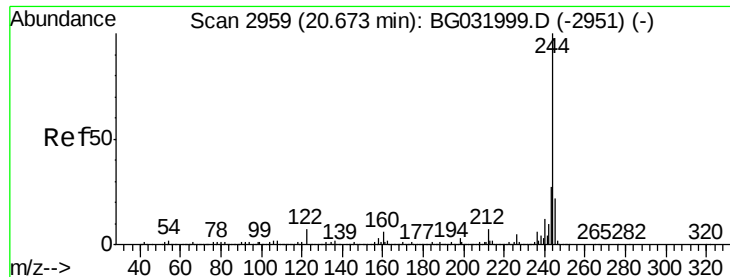
Tgt Ion:188 Resp: 341007
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BG032087.D
Acq: 17 Jan 2018 2:08

Tgt Ion:240 Resp: 420110
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 73.702 ng

RT: 20.67 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

Instrument :

BNA_G

ClientSampleId :

PB105704TB

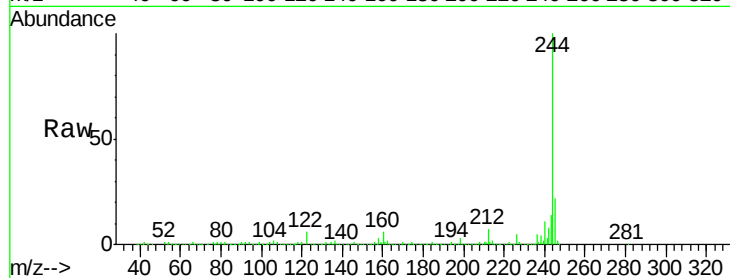
Tgt Ion:244 Resp: 1402282

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

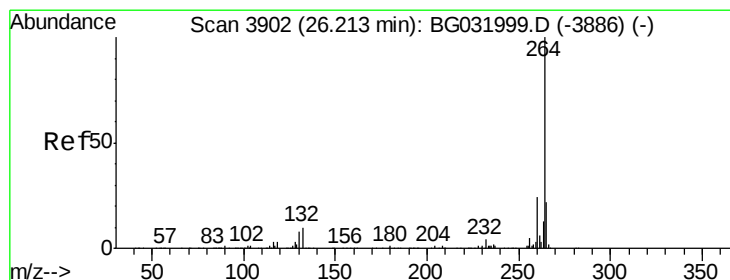
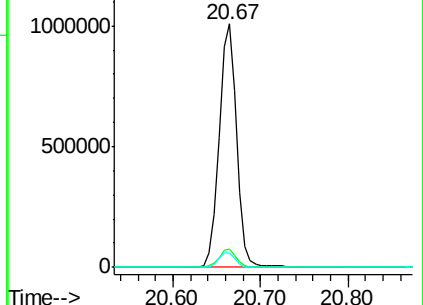
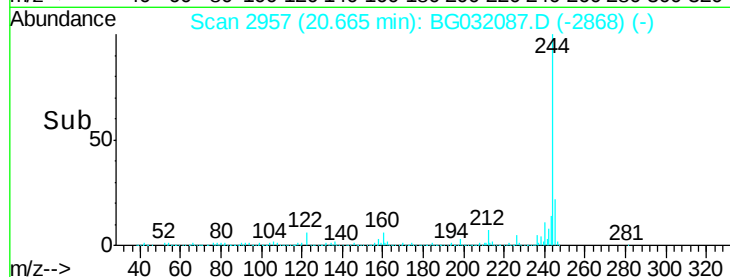
122 5.8 7.0 10.4#



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: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032087.D

Acq: 17 Jan 2018 2:08

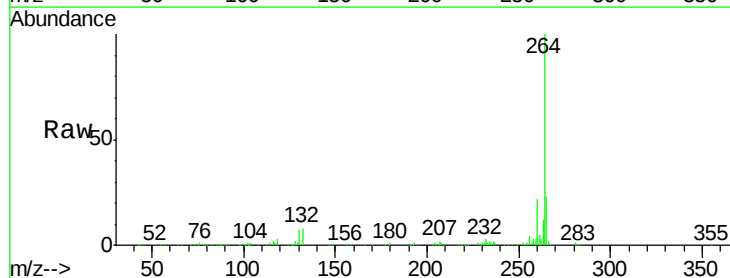
Tgt Ion:264 Resp: 424393

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 22.6 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

