

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032058.D
 Acq On : 16 Jan 2018 7:58
 Operator : SJ/JU
 Sample : J1112-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Jan 16 09:37:17 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	42065	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	159445	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	109825	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	312898	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	399240	20.00	ng	-0.01
86) Perylene-d12	26.19	264	404821	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	96259	41.85	ng	0.00
7) Phenol-d6	7.87	99	72244	24.94	ng	-0.01
23) Nitrobenzene-d5	9.96	82	252828	107.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	201606	110.93	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	922256	104.12	ng	0.00
78) Terphenyl-d14	20.67	244	1883382	104.16	ng	0.00

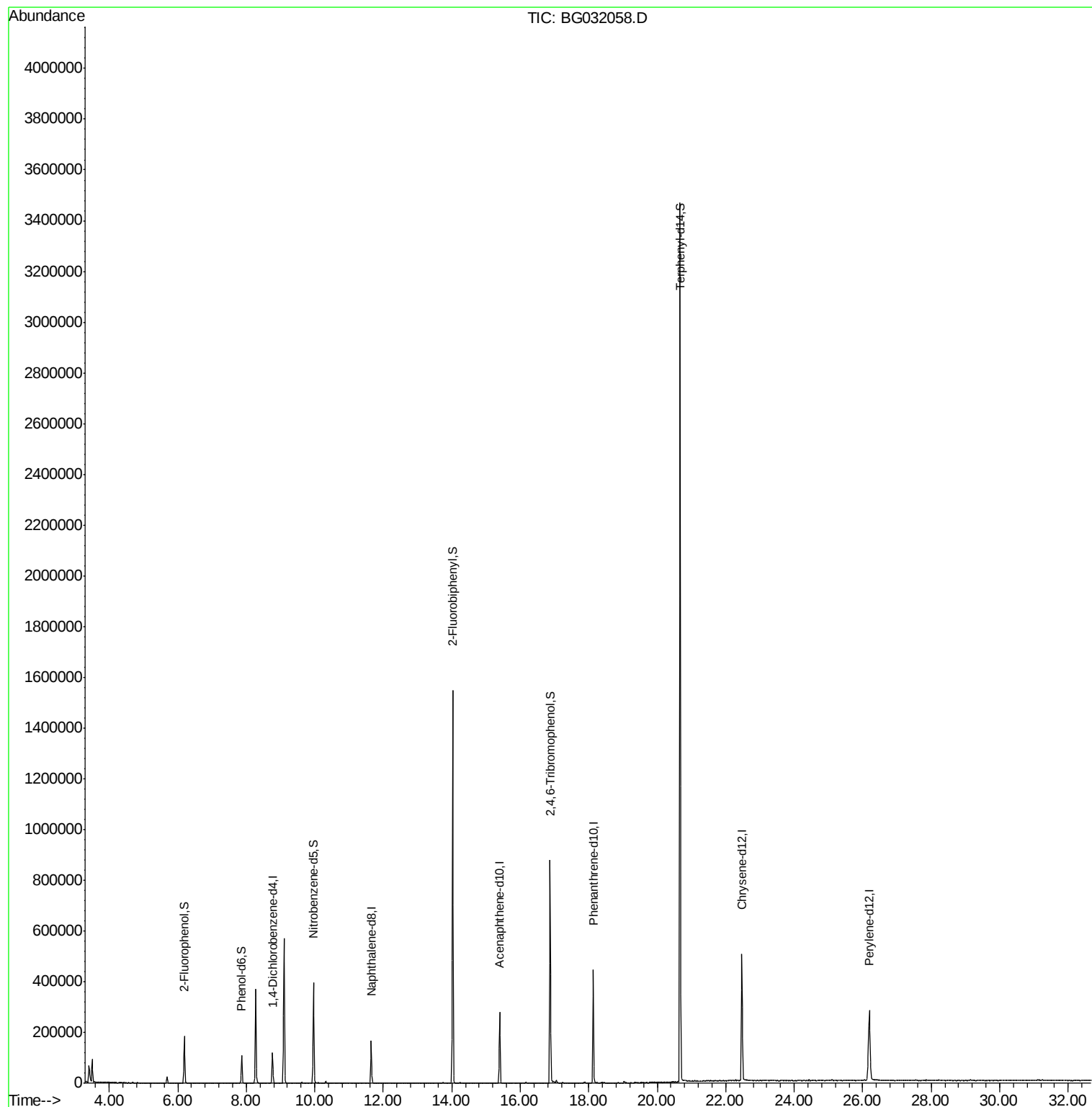
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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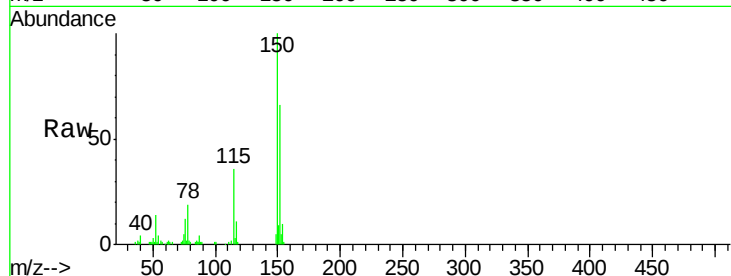


#1

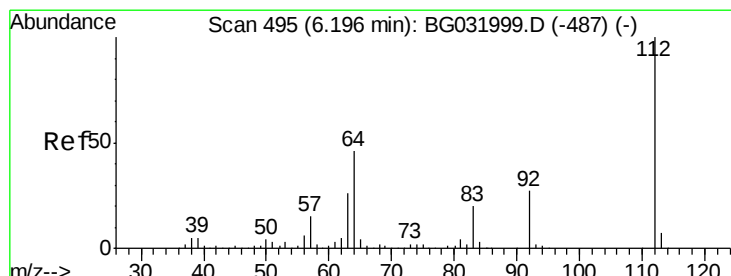
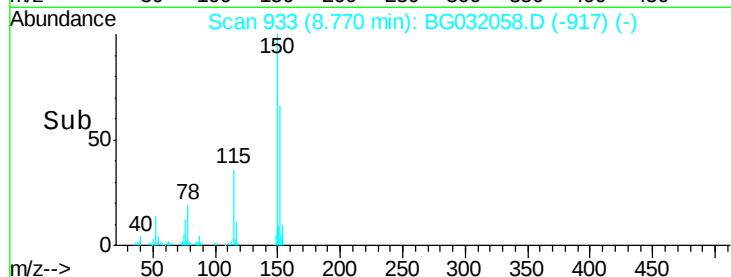
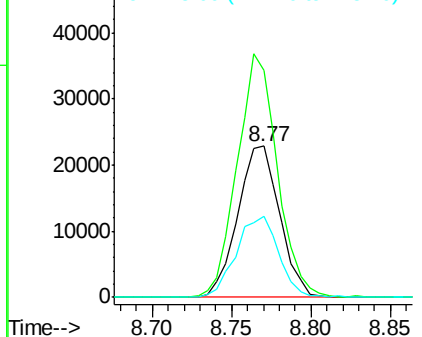
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032058.D
Acq: 16 Jan 2018 7:58

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:152 Resp: 42065
Ion Ratio Lower Upper
152 100
150 150.7 126.6 189.8
115 53.8 53.0 79.4



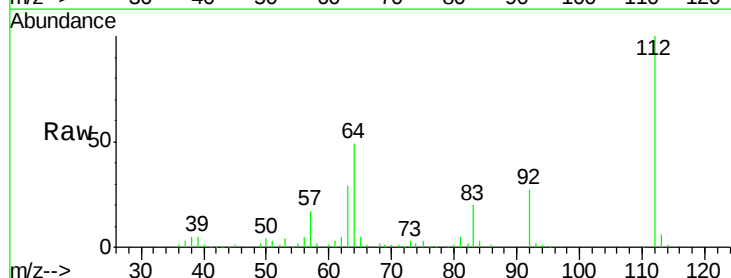
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



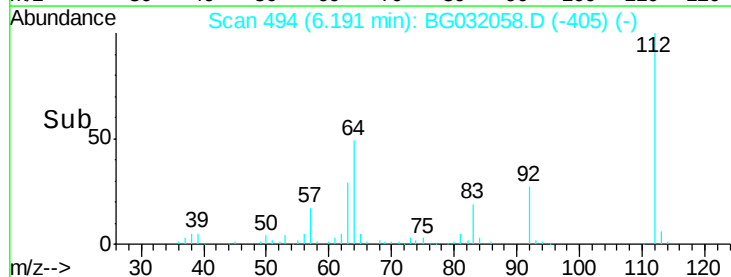
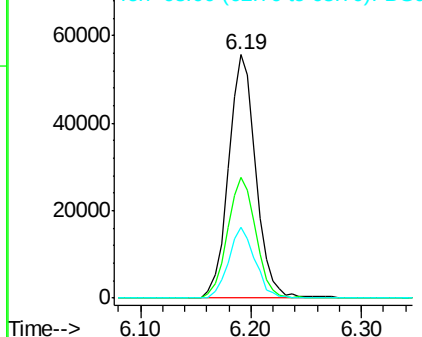
#5

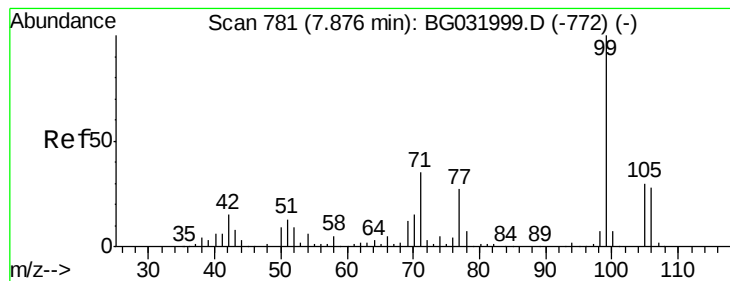
2-Fluorophenol
Concen: 41.852 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032058.D
Acq: 16 Jan 2018 7:58

Tgt Ion:112 Resp: 96259
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 28.9 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: 24.940 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032058.D

Acq: 16 Jan 2018 7:58

Instrument :

BNA_G

ClientSampleId :

FB

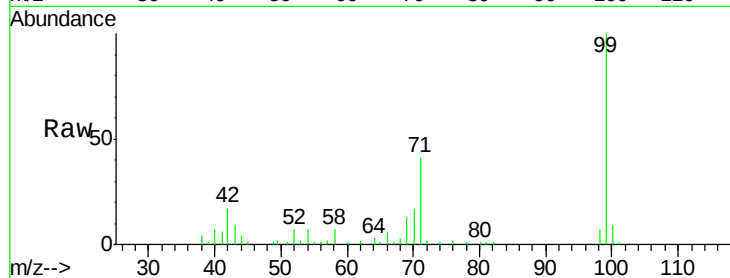
Tgt Ion: 99 Resp: 72244

Ion Ratio Lower Upper

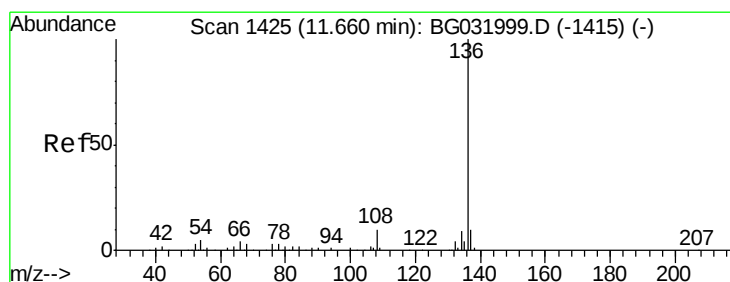
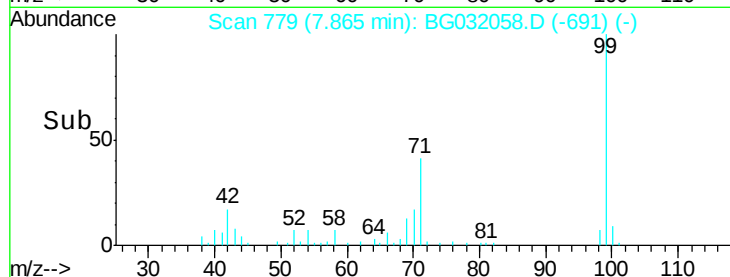
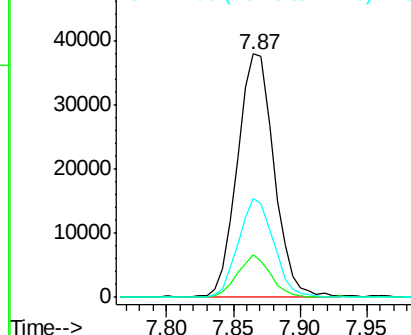
99 100

42 17.4 14.1 21.1

71 40.8 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: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032058.D

Acq: 16 Jan 2018 7:58

Tgt Ion: 136 Resp: 159445

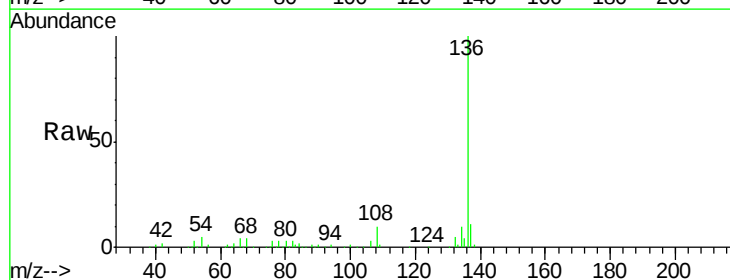
Ion Ratio Lower Upper

136 100

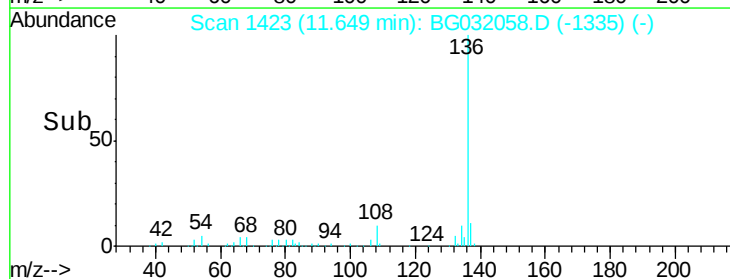
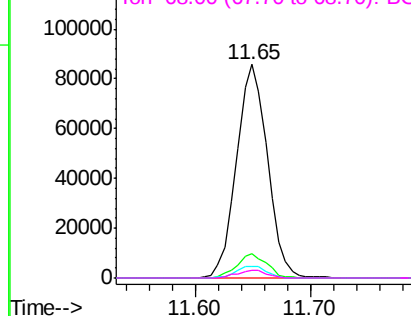
137 11.3 9.2 13.8

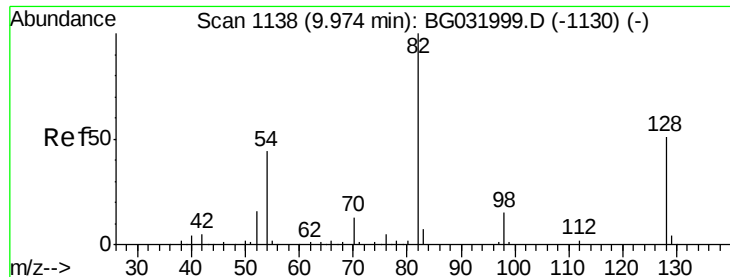
54 5.5 10.3 15.5#

68 3.8 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

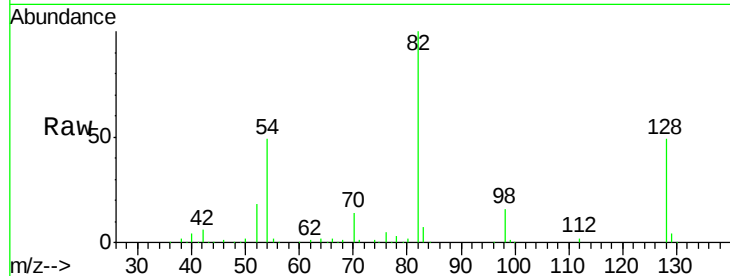




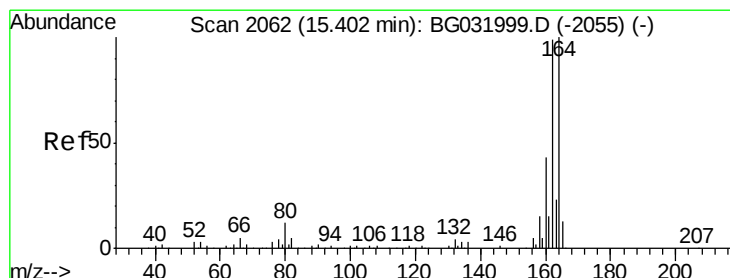
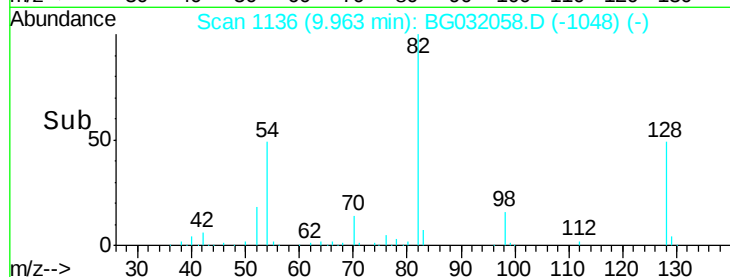
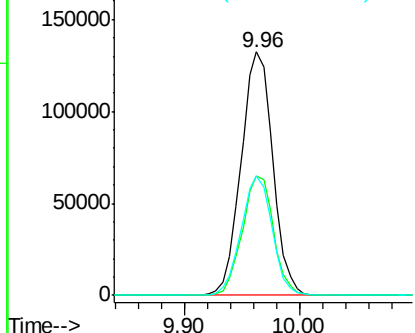
#23
 Nitrobenzene-d5
 Concen: 107.278 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032058.D
 Acq: 16 Jan 2018 7:58

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion: 82 Resp: 252828
 Ion Ratio Lower Upper
 82 100
 128 49.0 29.7 44.5#
 54 49.2 43.1 64.7

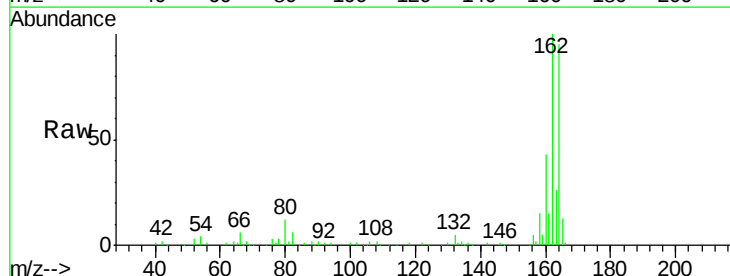


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

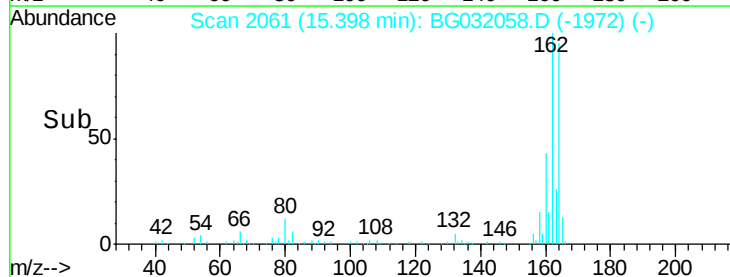
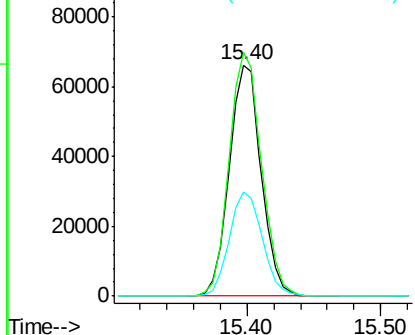


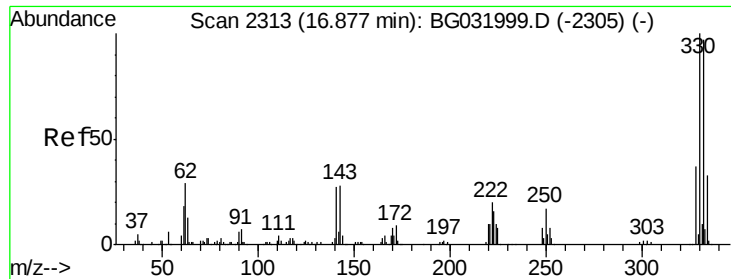
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032058.D
 Acq: 16 Jan 2018 7:58

Tgt Ion: 164 Resp: 109825
 Ion Ratio Lower Upper
 164 100
 162 105.4 78.8 118.2
 160 44.8 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

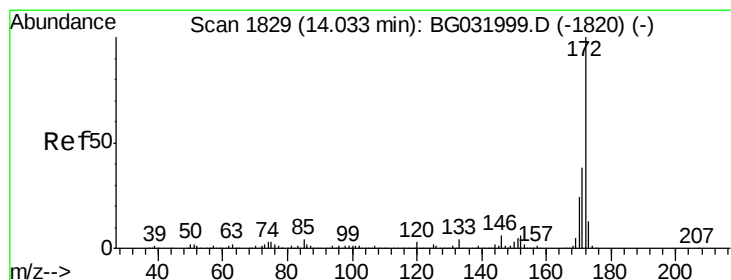
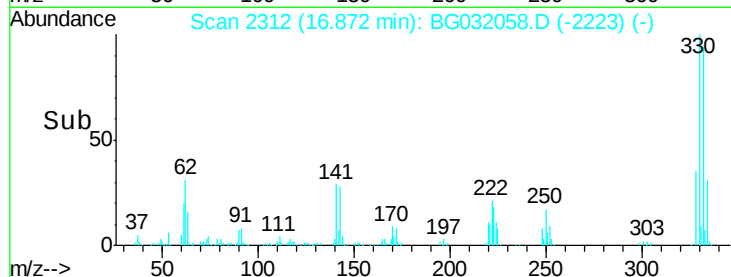
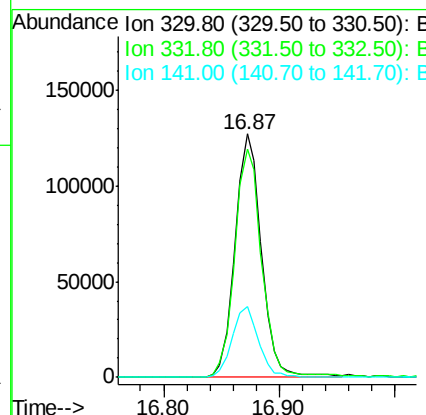
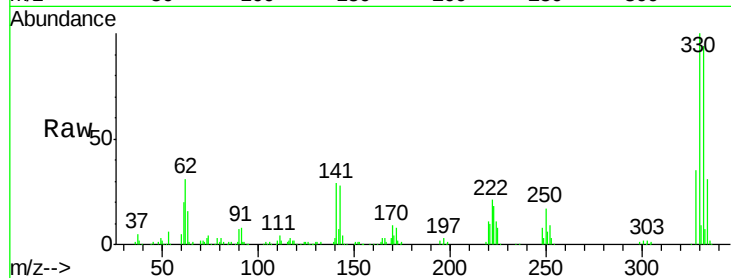




#41
 2,4,6-Tribromophenol
 Concen: 110.934 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032058.D
 Acq: 16 Jan 2018 7:58

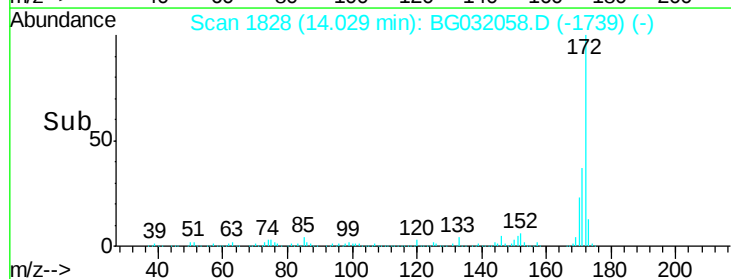
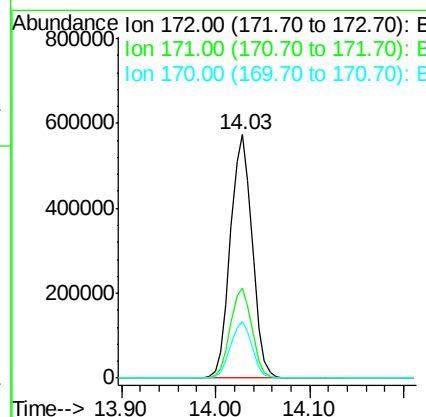
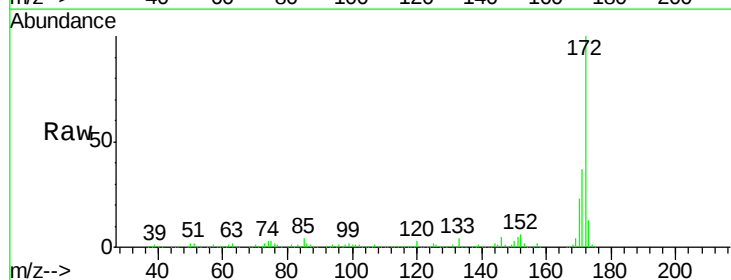
Instrument :
 BNA_G
 ClientSampleId :
 FB

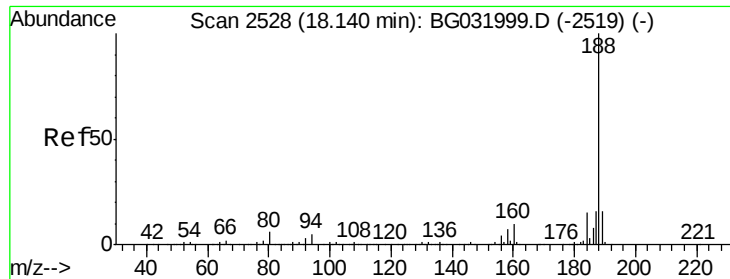
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	29.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 104.125 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032058.D
 Acq: 16 Jan 2018 7:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.5	19.5	29.3

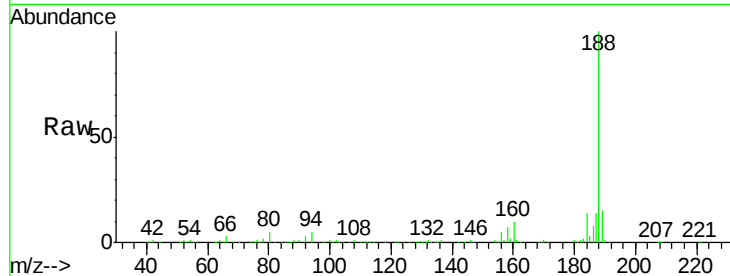




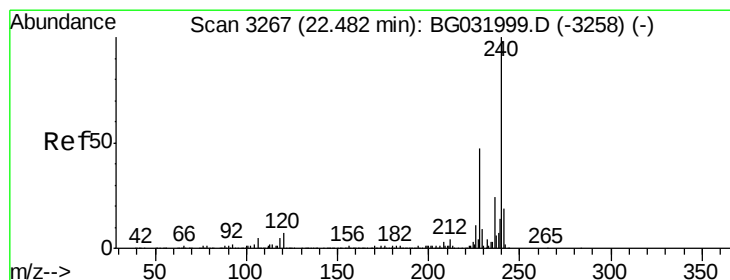
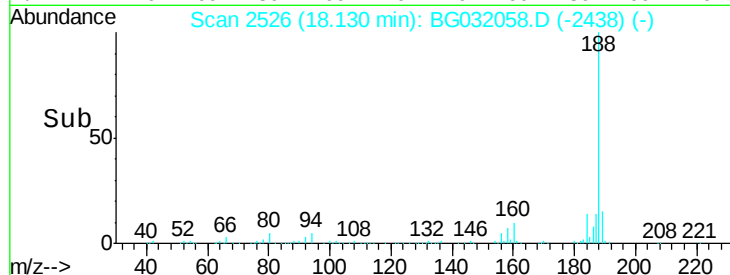
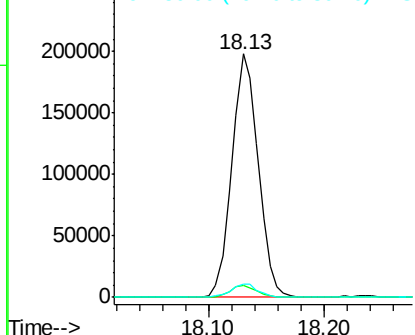
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032058.D
Acq: 16 Jan 2018 7:58

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:188 Resp: 312898
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.2 7.7 11.5#

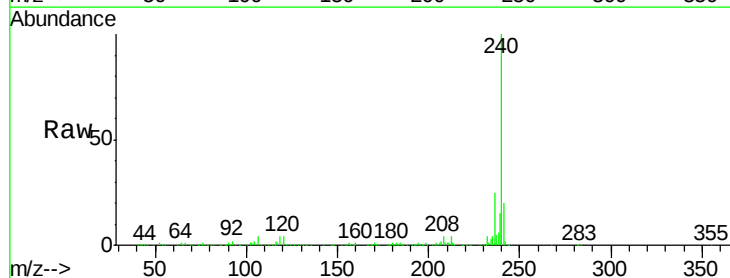


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

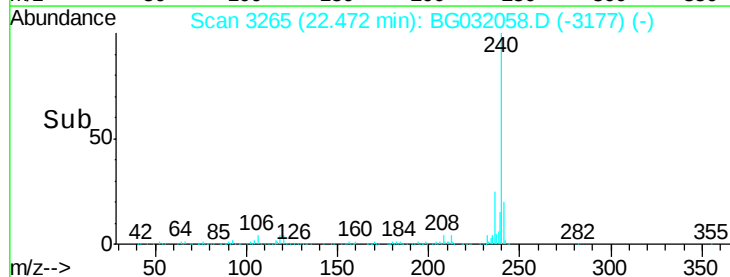
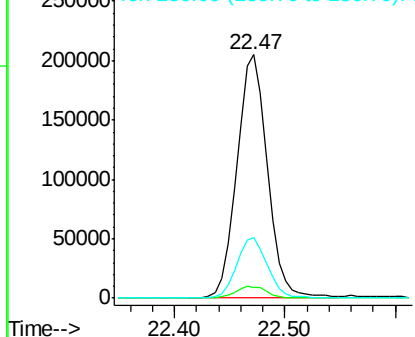


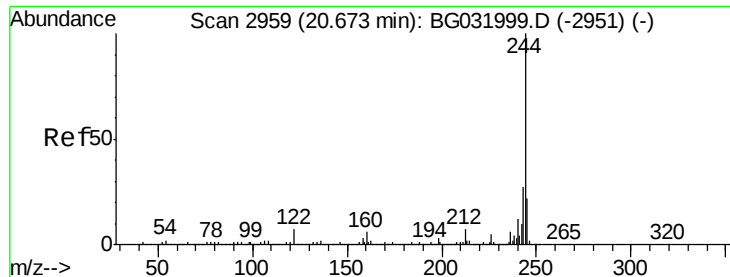
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032058.D
Acq: 16 Jan 2018 7:58

Tgt Ion:240 Resp: 399240
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.8 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: 104.163 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032058.D

Acq: 16 Jan 2018 7:58

Instrument :

BNA_G

ClientSampleId :

FB

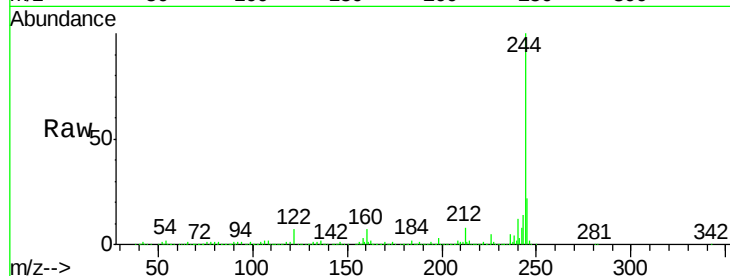
Tgt Ion:244 Resp: 1883382

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

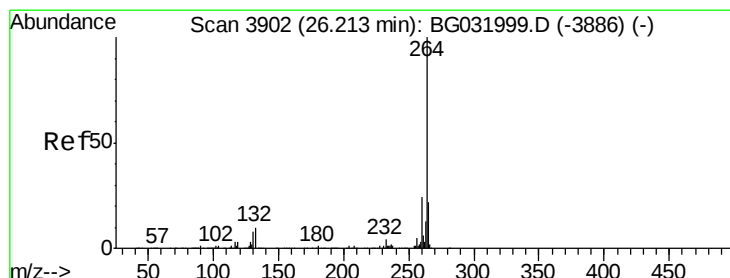
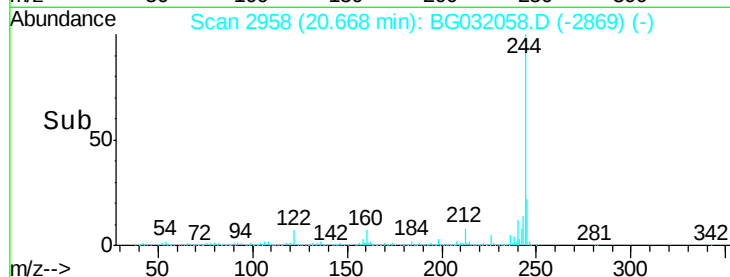
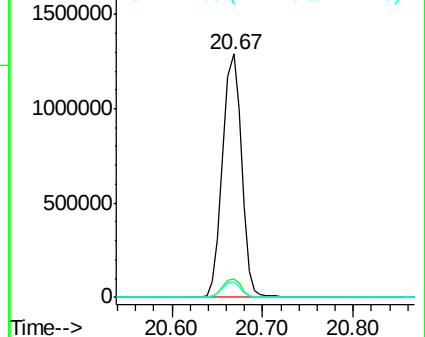
122 6.5 7.0 10.4#



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: 26.19 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BG032058.D

Acq: 16 Jan 2018 7:58

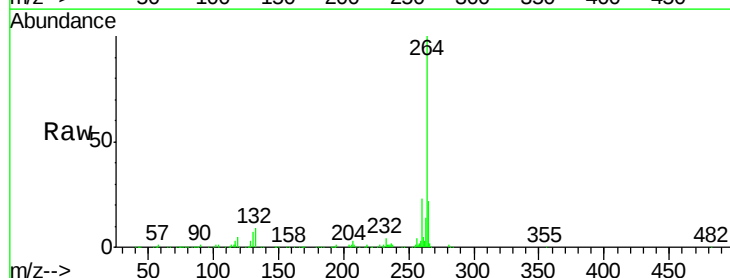
Tgt Ion:264 Resp: 404821

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.0 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

