

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033730.D
 Acq On : 11 Apr 2018 3:09
 Operator : SJ/JU
 Sample : J2156-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918

Quant Time: Apr 11 04:15:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

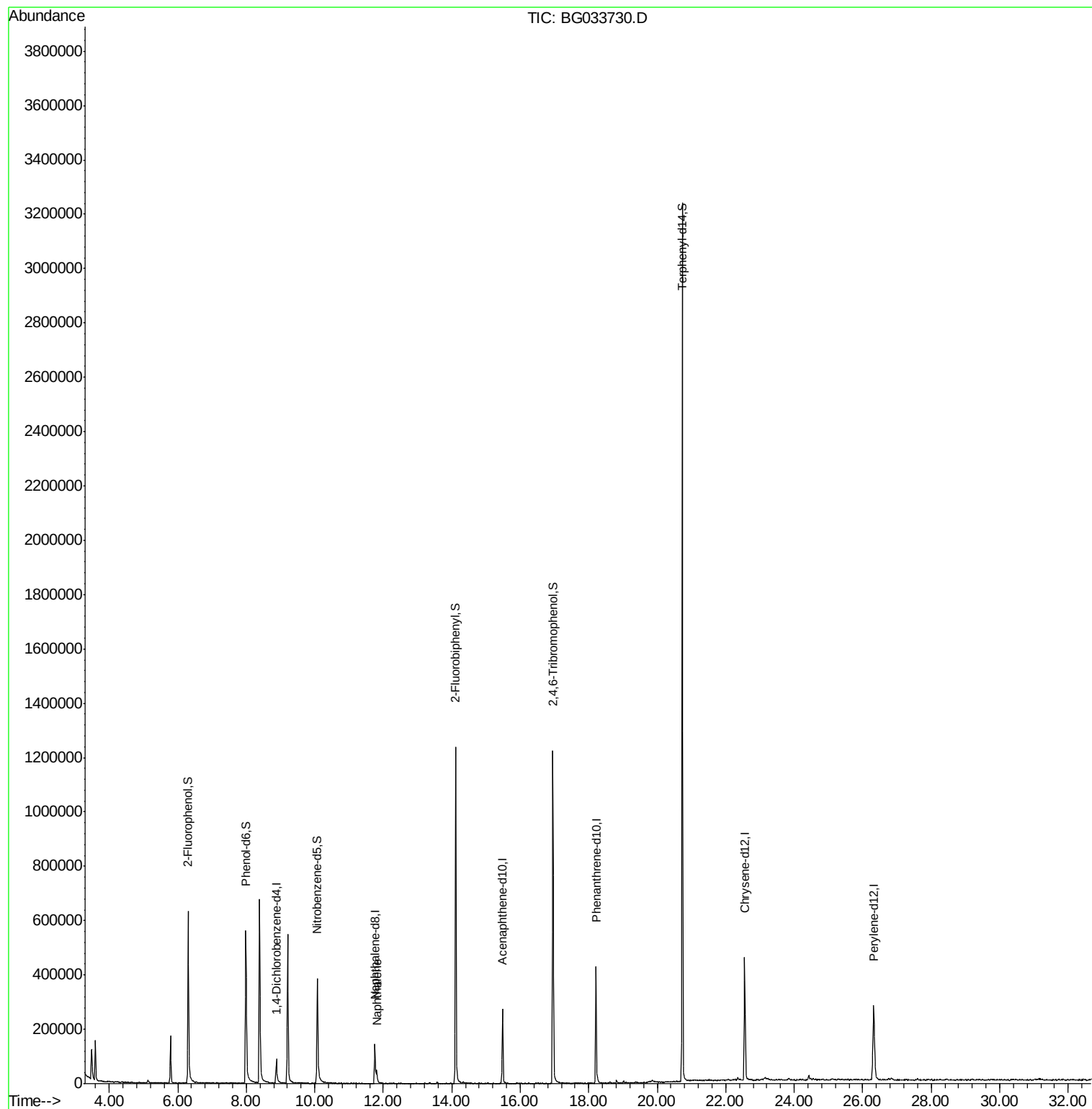
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	32008	20.00	ng	0.02
21) Naphthalene-d8	11.75	136	139571	20.00	ng	0.02
38) Acenaphthene-d10	15.48	164	102895	20.00	ng	0.01
63) Phenanthrene-d10	18.21	188	305034	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342475	20.00	ng	0.00
86) Perylene-d12	26.32	264	369161	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	302591	177.27	ng	0.02
7) Phenol-d6	7.99	99	388719	132.54	ng	0.02
23) Nitrobenzene-d5	10.07	82	314044	103.38	ng	0.02
41) 2,4,6-Tribromophenol	16.95	330	236885	153.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	699235	98.10	ng	0.00
78) Terphenyl-d14	20.73	244	1630220	101.80	ng	0.00
Target Compounds						
31) Naphthalene	11.81	128	42620	5.893	ng	Qvalue # 92

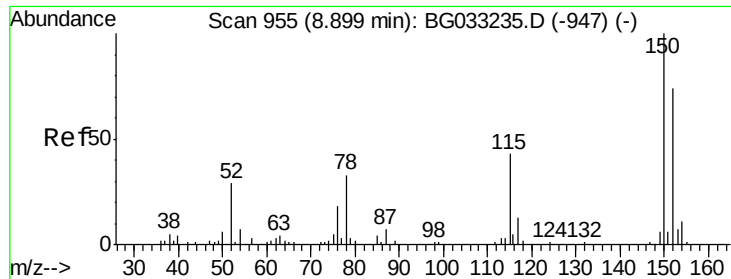
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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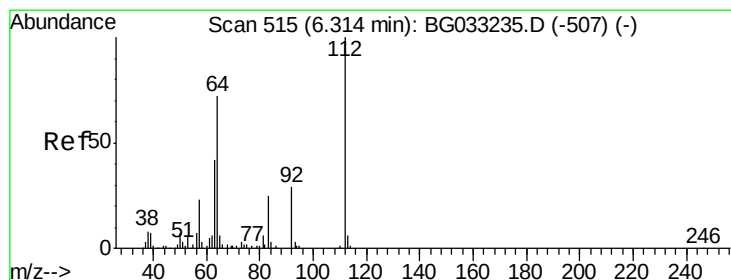
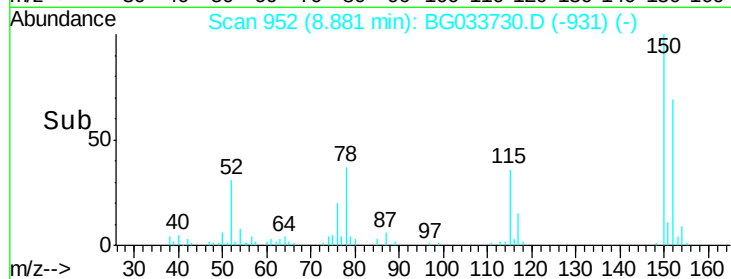
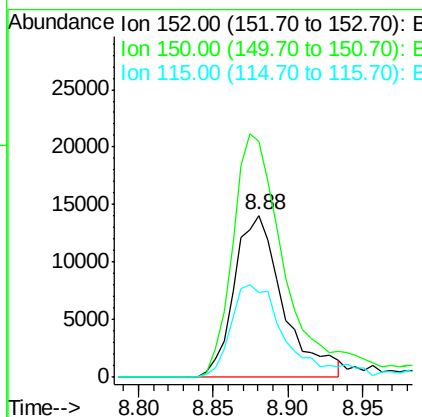
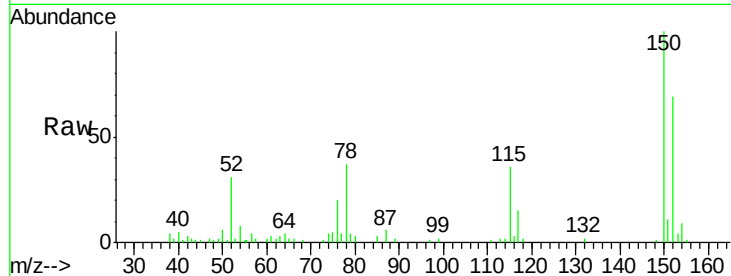


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.88 min Scan# 952
 Delta R.T. 0.02 min
 Lab File: BG033730.D
 Acq: 11 Apr 2018 3:09

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918

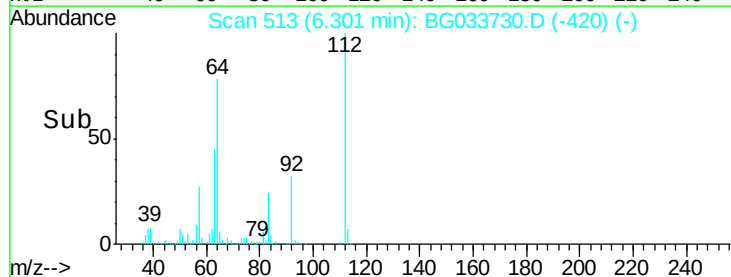
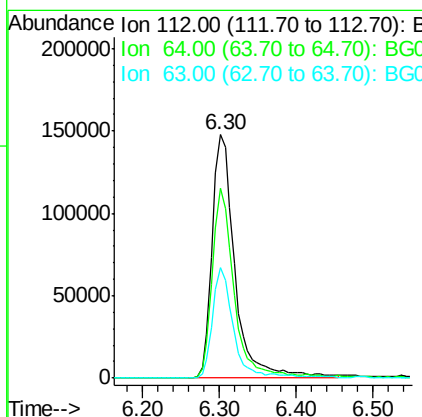
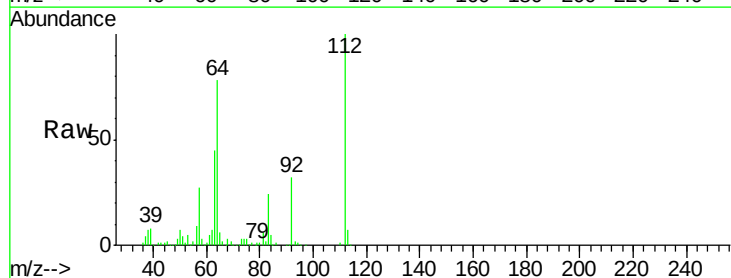
Tot Ion:152 Resp: 32008
 Ion Ratio Lower Upper
 152 100
 150 145.3 126.6 189.8
 115 52.4 53.0 79.4#

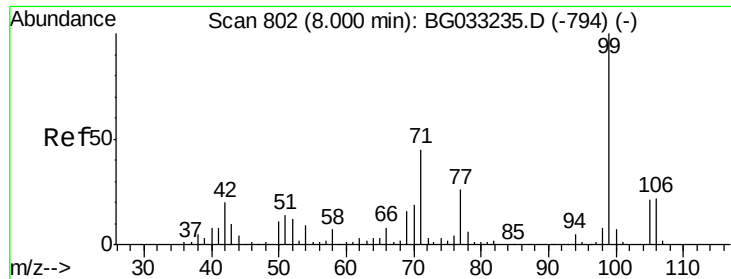


#5

2-Fluorophenol
 Concen: 177.266 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BG033730.D
 Acq: 11 Apr 2018 3:09

Tgt Ion:112 Resp: 302591
 Ion Ratio Lower Upper
 112 100
 64 77.8 56.3 84.5
 63 45.4 30.1 45.1#





#7

Phenol-d6

Concen: 132.535 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

Instrument :

BNA_G

ClientSampleId :

HD-01-040918

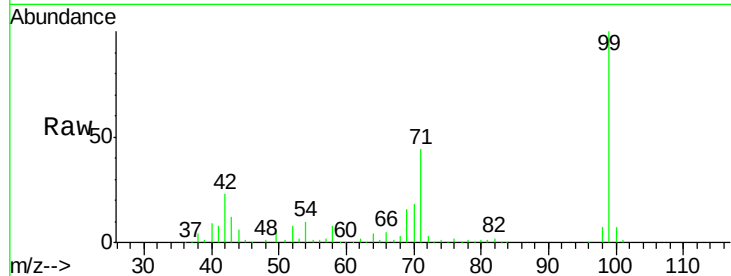
Tot Ion: 99 Resp: 388719

Ion Ratio Lower Upper

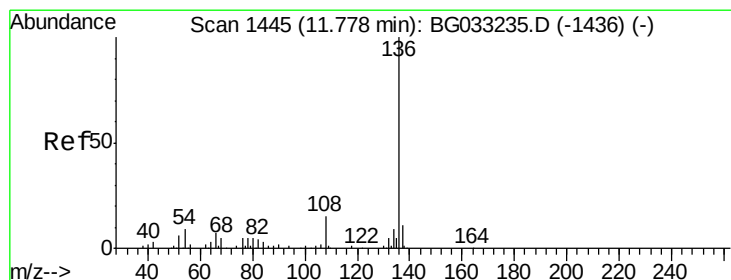
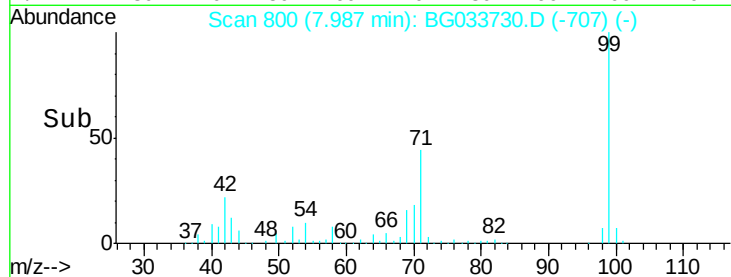
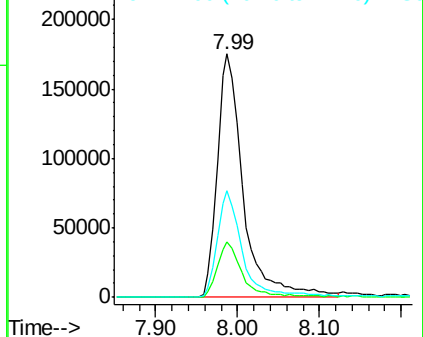
99 100

42 22.6 14.1 21.1#

71 44.0 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: 11.75 min Scan# 1441

Delta R.T. 0.02 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

Tgt Ion: 136 Resp: 139571

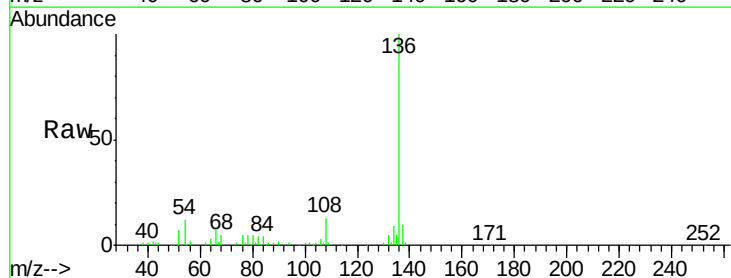
Ion Ratio Lower Upper

136 100

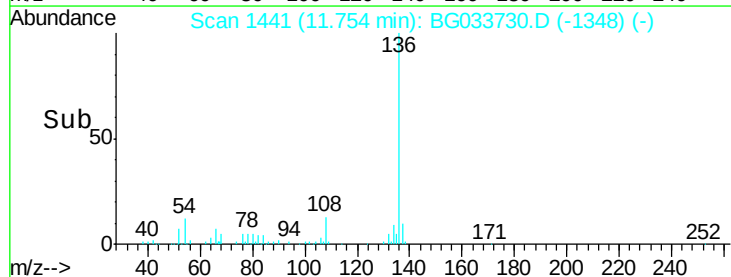
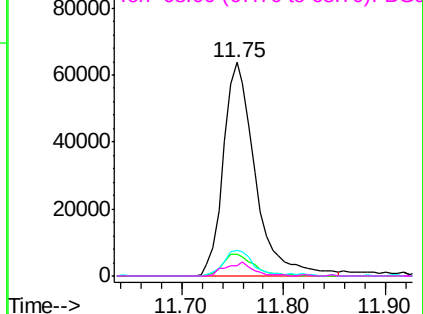
137 10.0 9.2 13.8

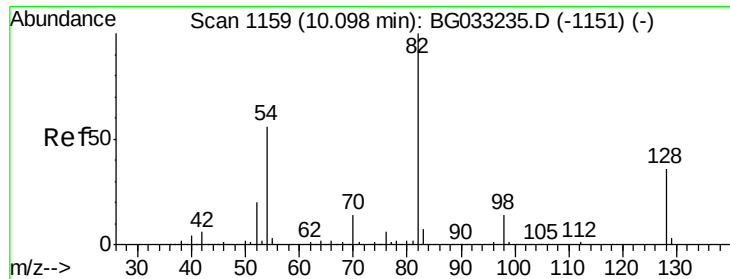
54 12.2 10.3 15.5

68 5.0 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: 103.377 ng

RT: 10.07 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

Instrument :

BNA_G

ClientSampleId :

HD-01-040918

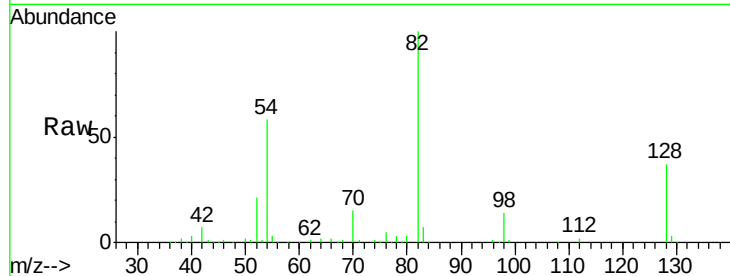
Tot Ion: 82 Resp: 314044

Ion Ratio Lower Upper

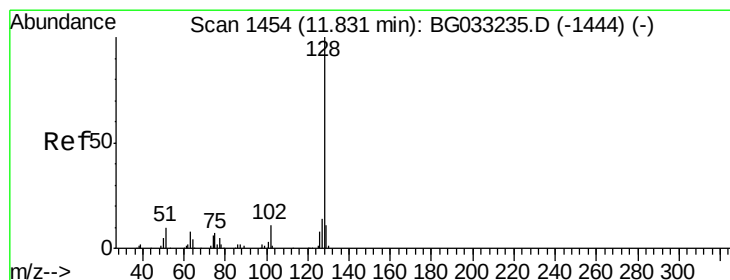
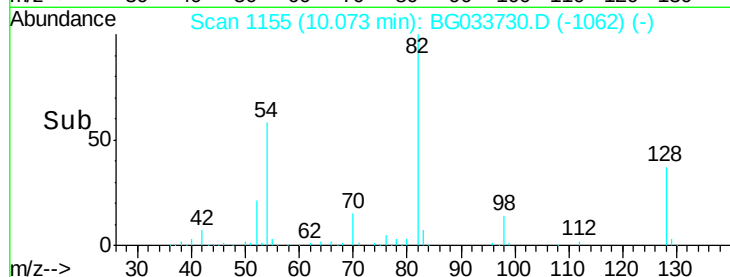
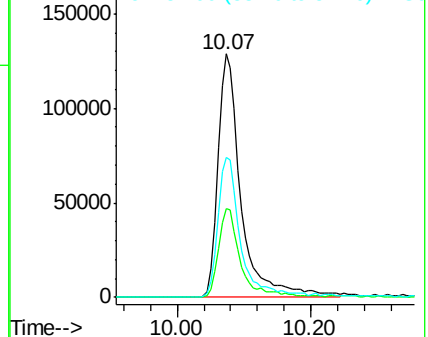
82 100

128 36.6 29.7 44.5

54 57.6 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



#31

Naphthalene

Concen: 5.893 ng

RT: 11.81 min Scan# 1450

Delta R.T. 0.02 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

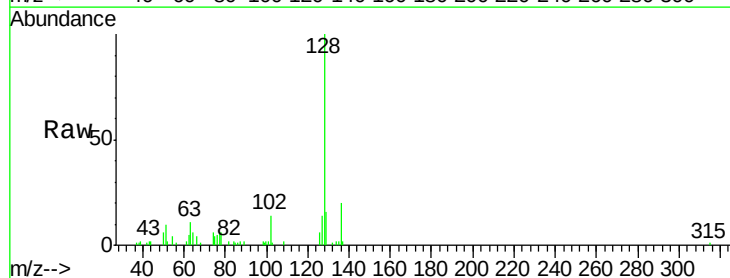
Tgt Ion: 128 Resp: 42620

Ion Ratio Lower Upper

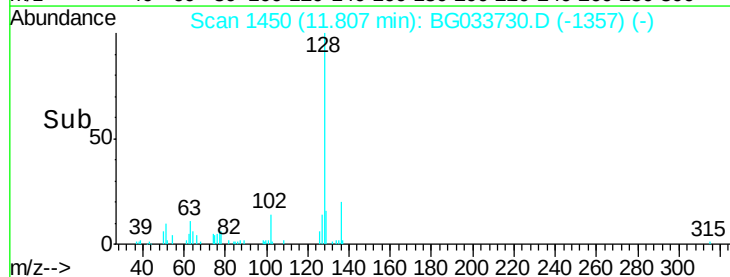
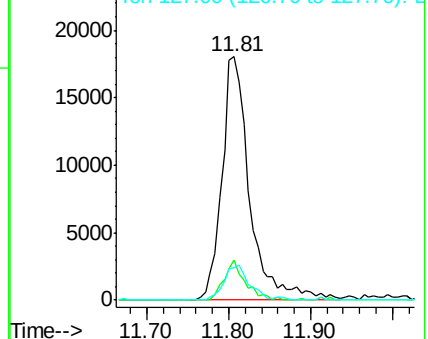
128 100

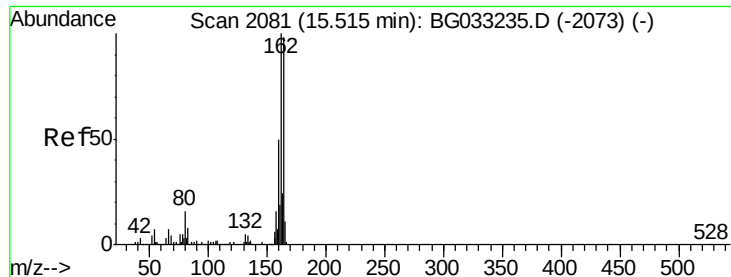
129 16.2 8.6 12.8#

127 13.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

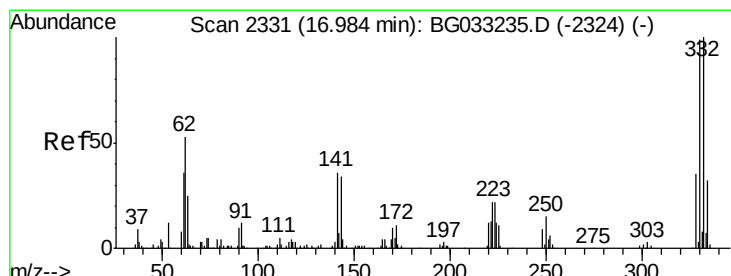
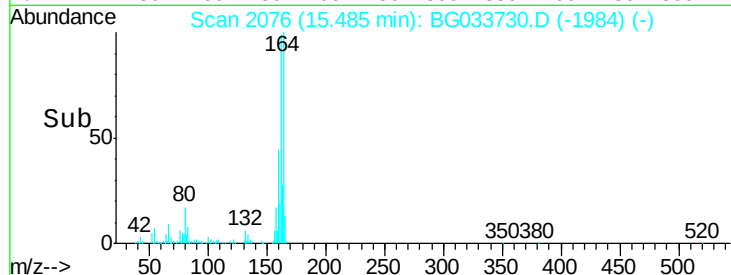
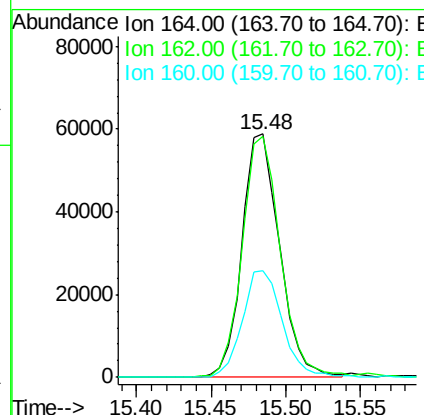
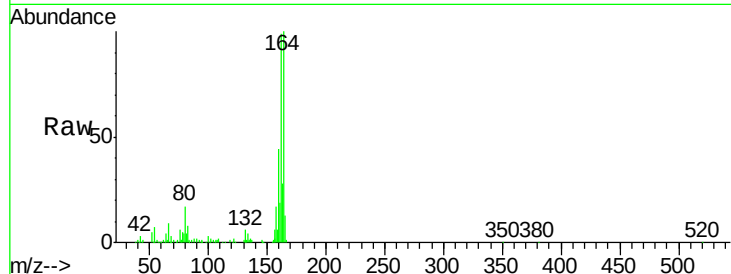




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. 0.01 min
 Lab File: BG033730.D
 Acq: 11 Apr 2018 3:09

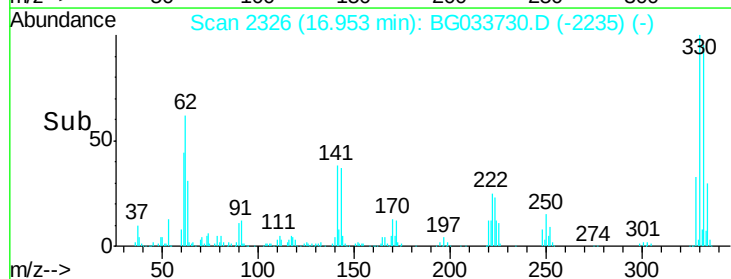
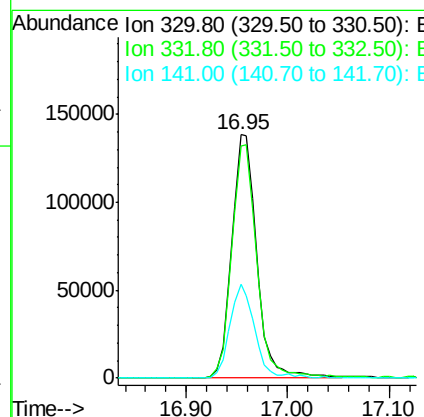
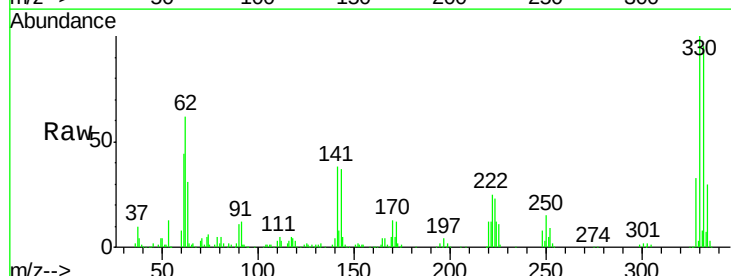
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918

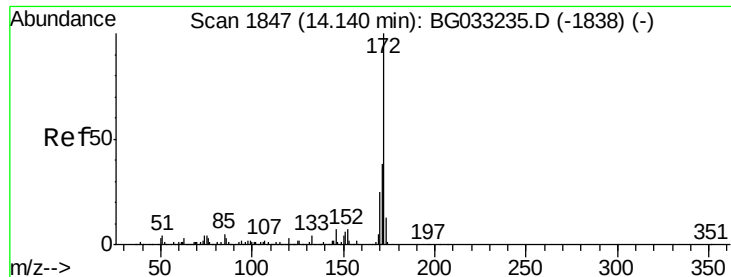
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	44.0	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 153.930 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG033730.D
 Acq: 11 Apr 2018 3:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.4	25.2	37.8#

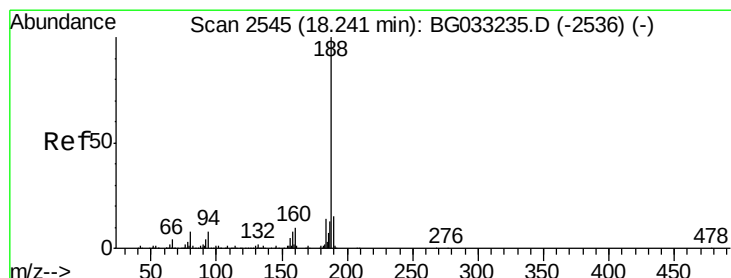
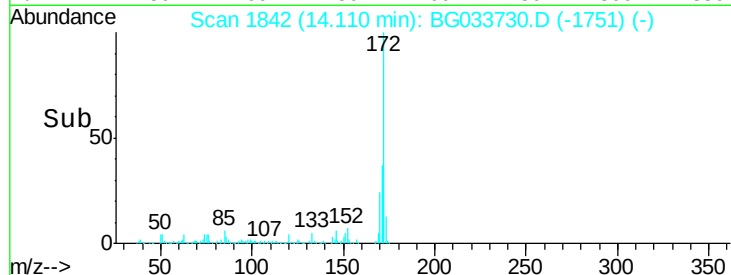
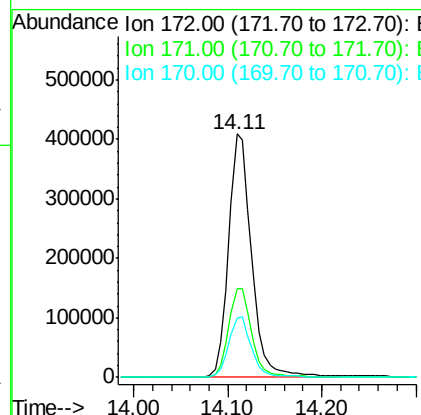
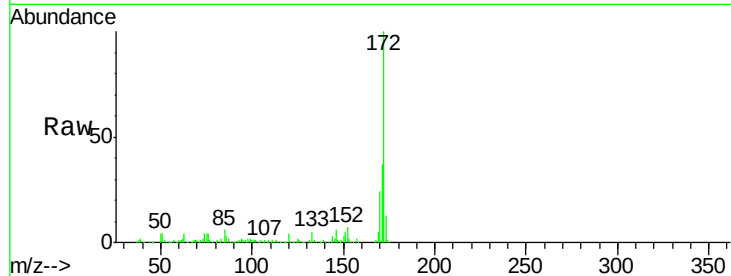




#44
2-Fluorobiphenyl
Concen: 98.104 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG033730.D
Acq: 11 Apr 2018 3:09

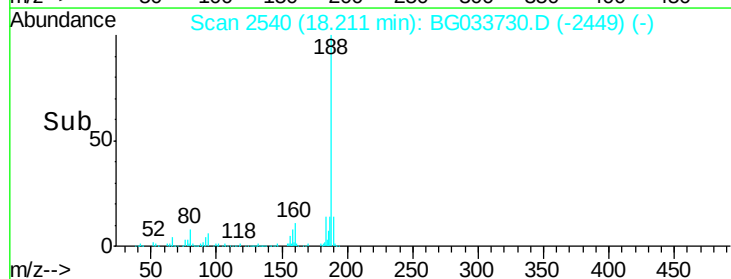
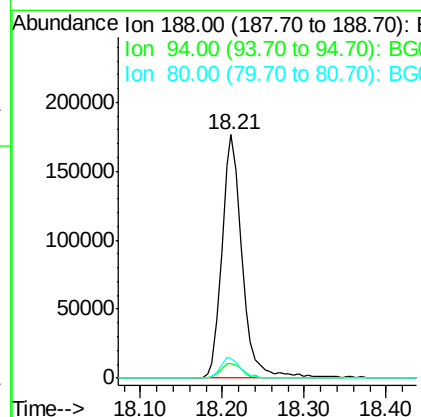
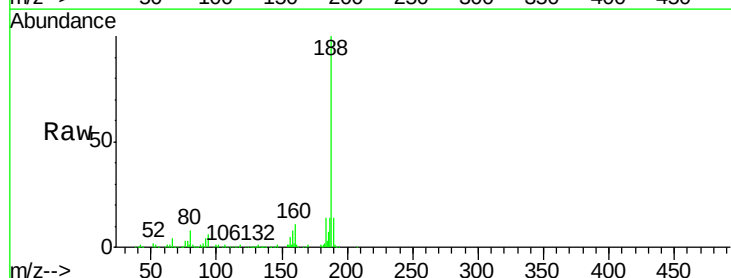
Instrument :
BNA_G
ClientSampleId :
HD-01-040918

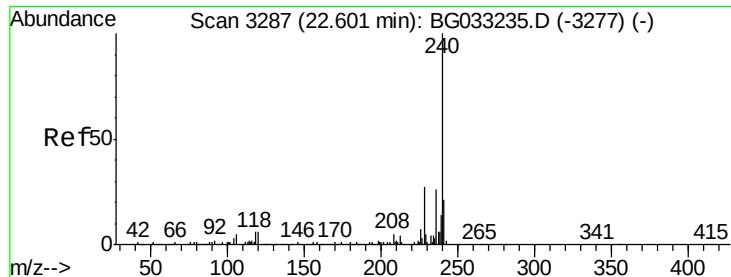
Tot Ion:172 Resp: 699235
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 24.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BG033730.D
Acq: 11 Apr 2018 3:09

Tgt Ion:188 Resp: 305034
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 8.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

Instrument :

BNA_G

ClientSampleId :

HD-01-040918

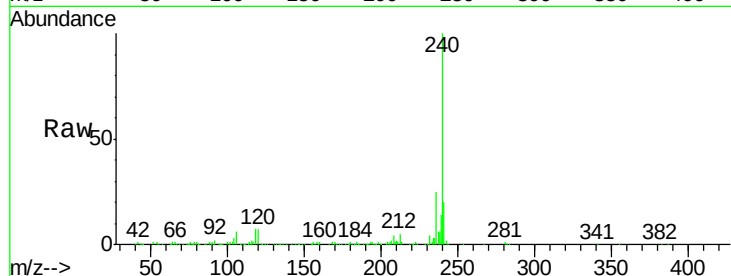
Tot Ion:240 Resp: 342475

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

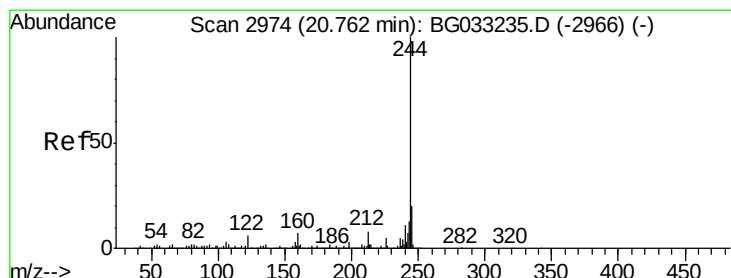
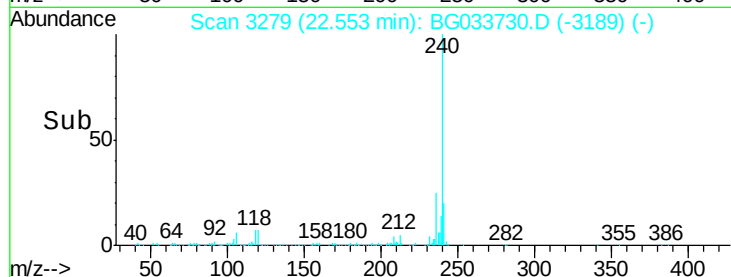
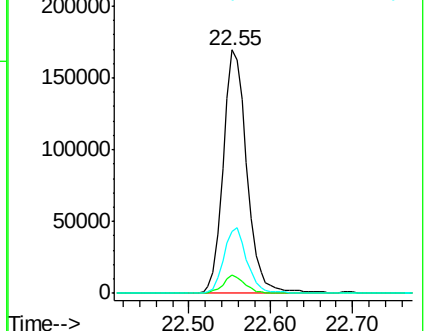
236 25.4 20.9 31.3



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: 101.800 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033730.D

Acq: 11 Apr 2018 3:09

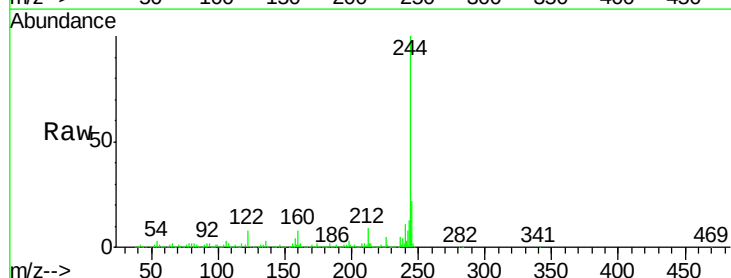
Tgt Ion:244 Resp: 1630220

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

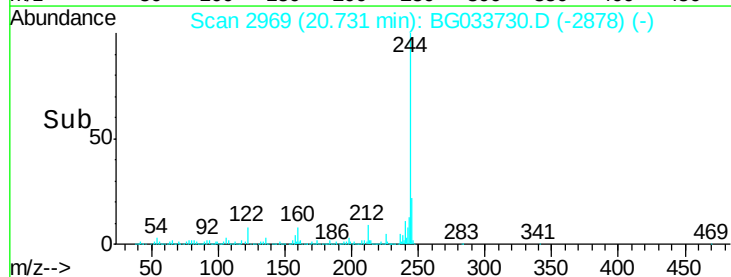
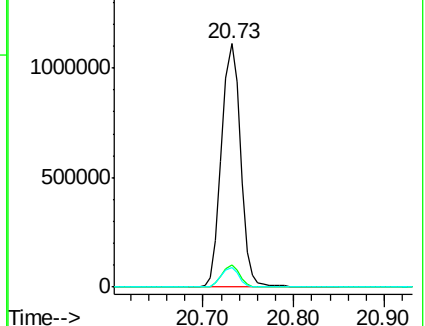
122 8.1 7.0 10.4

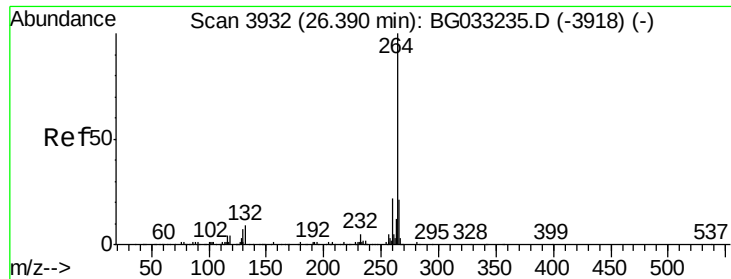


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BG033730.D
Acq: 11 Apr 2018 3:09

Instrument :
BNA_G
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	19.8	17.7	26.5

