

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032012.D
 Acq On : 12 Jan 2018 21:16
 Operator : SJ/JU
 Sample : J1011-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-011118-B

Quant Time: Jan 13 03:52:23 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

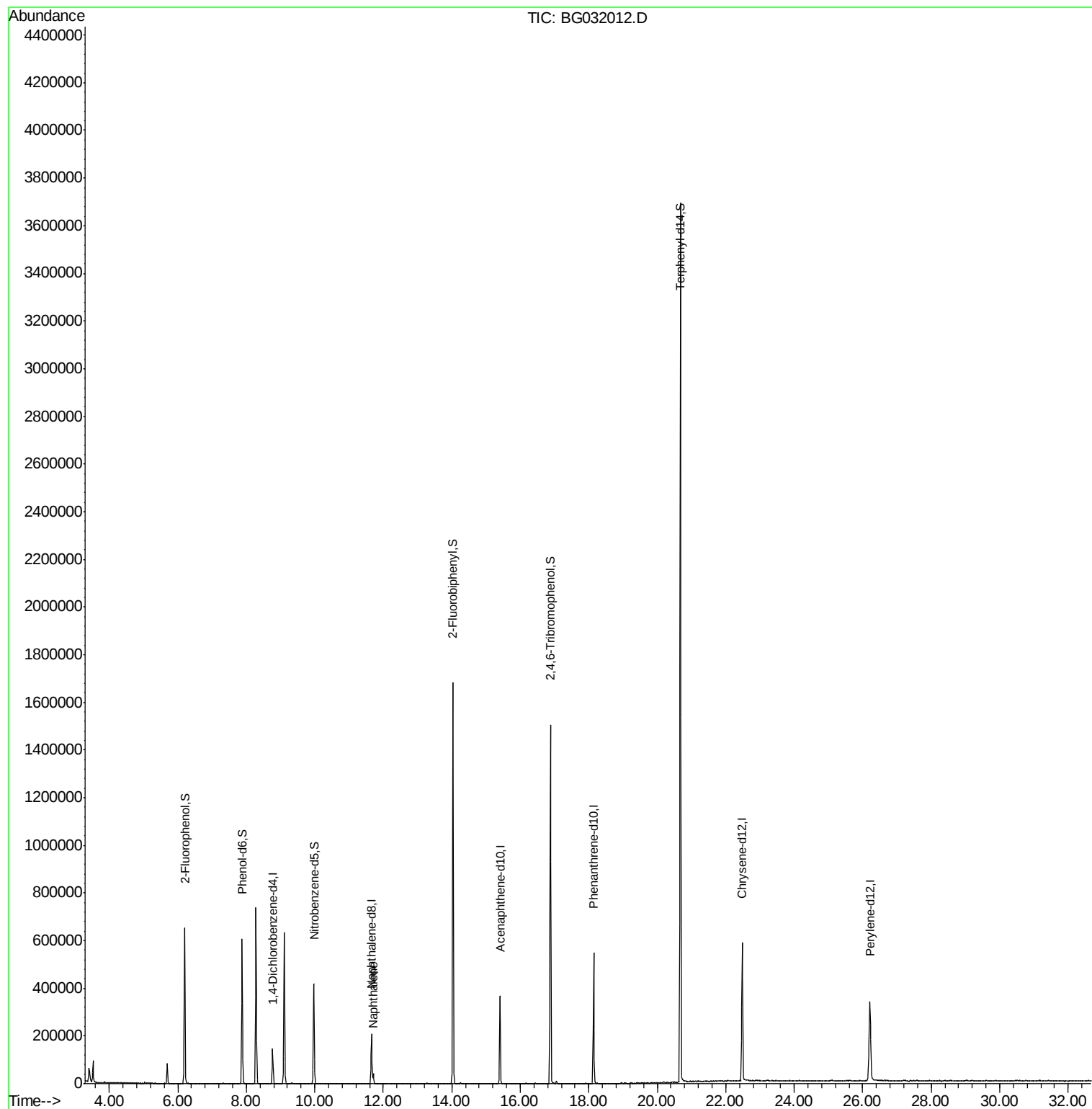
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	51663	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	209596	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	144635	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	394667	20.00	ng	0.00
75) Chrysene-d12	22.48	240	453376	20.00	ng	0.00
86) Perylene-d12	26.21	264	474393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	368355	130.40	ng	0.00
7) Phenol-d6	7.88	99	418719	117.70	ng	0.00
23) Nitrobenzene-d5	9.97	82	285930	92.29	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361947	151.23	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1032162	88.49	ng	0.00
78) Terphenyl-d14	20.67	244	1996425	97.23	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	42846	4.127	ng	Qvalue 95

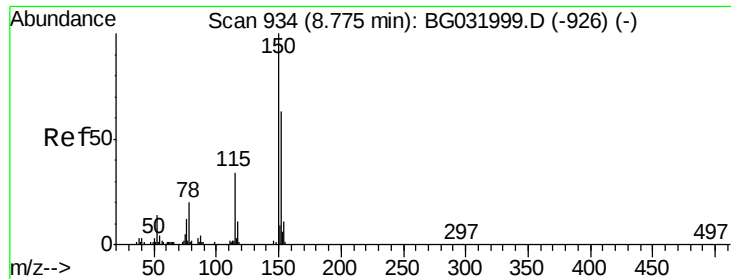
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HR-05-011118-B

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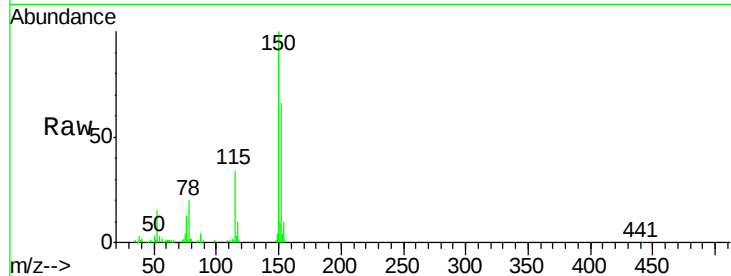


#1

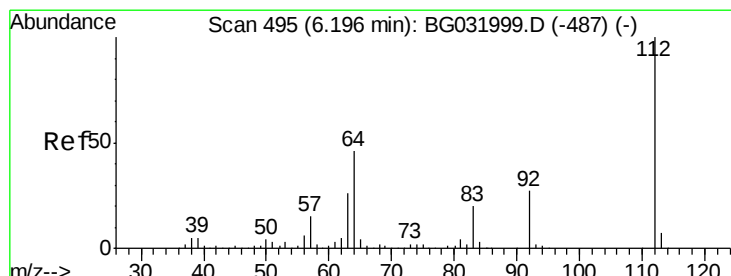
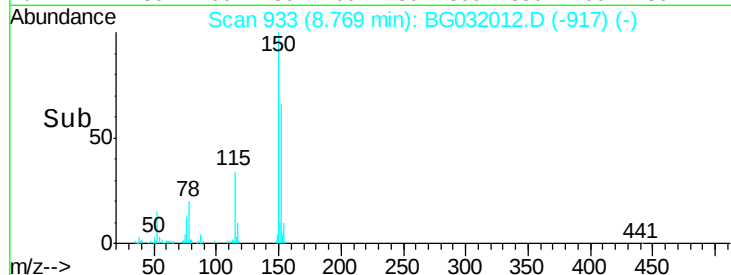
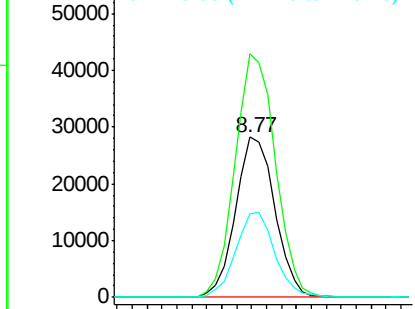
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :
HR-05-011118-B

Tgt Ion:152 Resp: 51663
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 52.0 53.0 79.4#



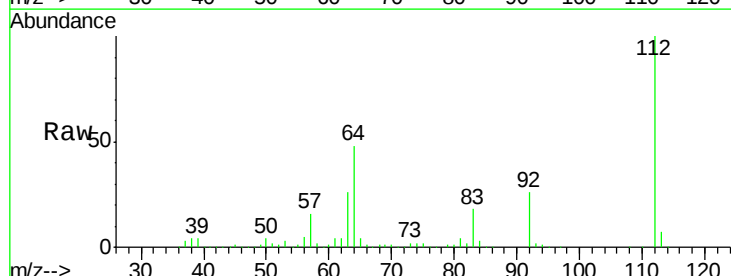
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



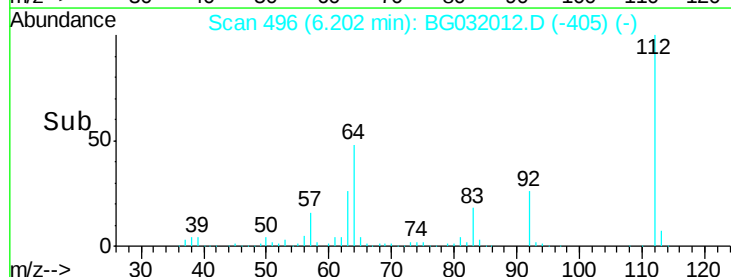
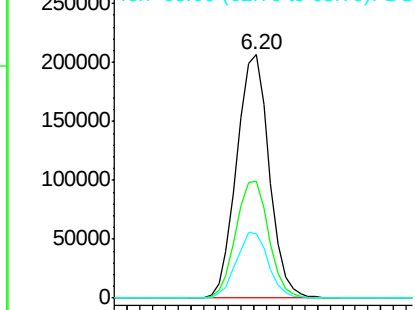
#5

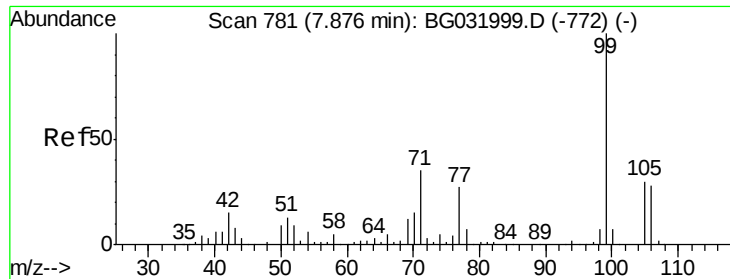
2-Fluorophenol
Concen: 130.402 ng
RT: 6.20 min Scan# 496
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:112 Resp: 368355
Ion Ratio Lower Upper
112 100
64 47.8 56.3 84.5#
63 26.4 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: 117.697 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-B

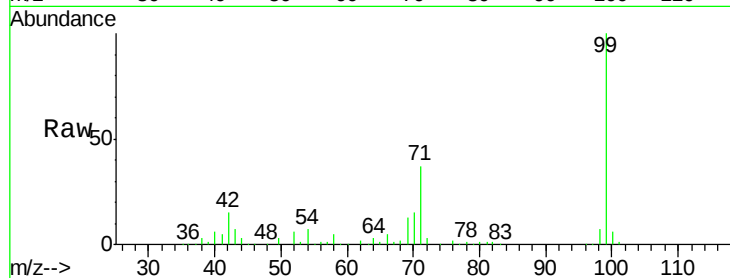
Tgt Ion: 99 Resp: 418719

Ion Ratio Lower Upper

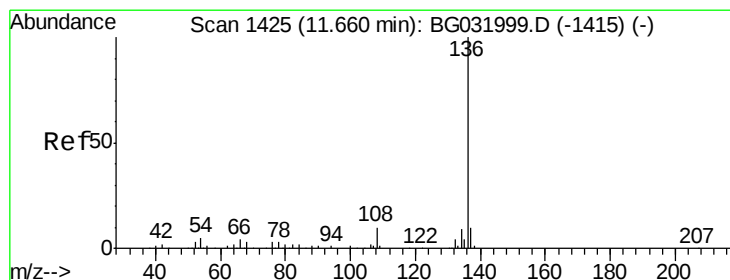
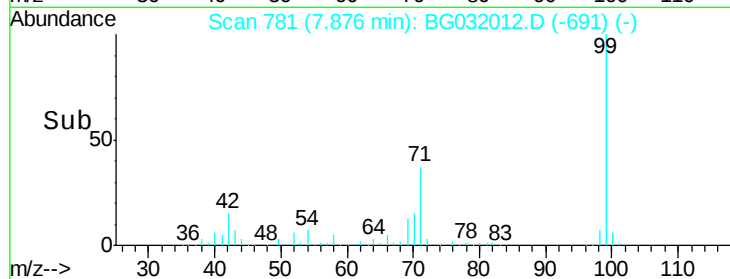
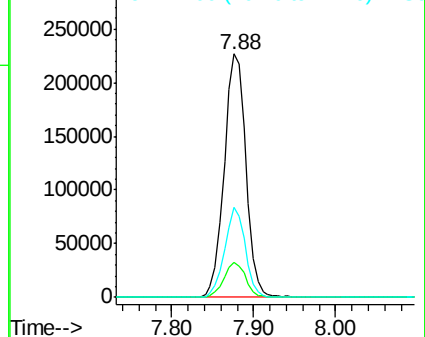
99 100

42 14.6 14.1 21.1

71 36.9 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# 1424

Delta R.T. -0.01 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

Tgt Ion: 136 Resp: 209596

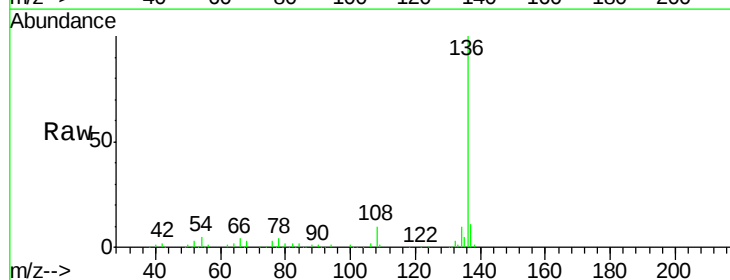
Ion Ratio Lower Upper

136 100

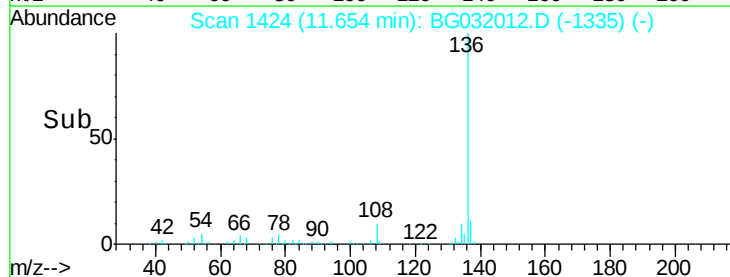
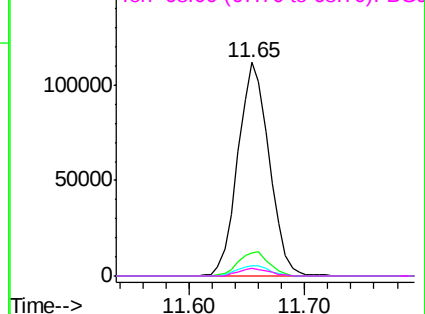
137 10.8 9.2 13.8

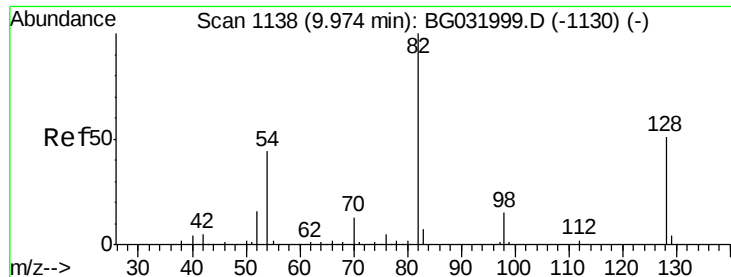
54 5.0 10.3 15.5#

68 3.3 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

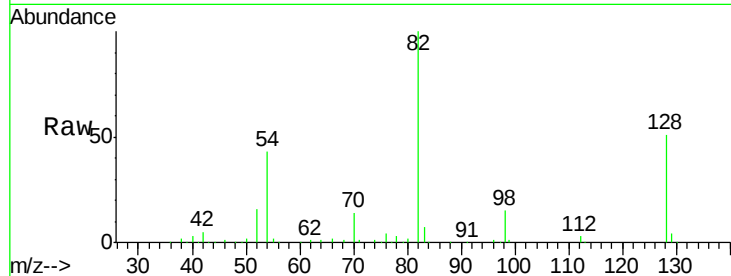




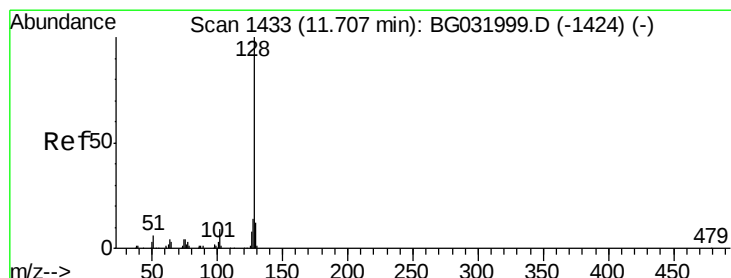
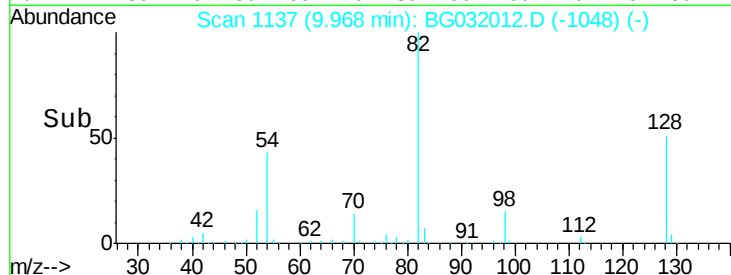
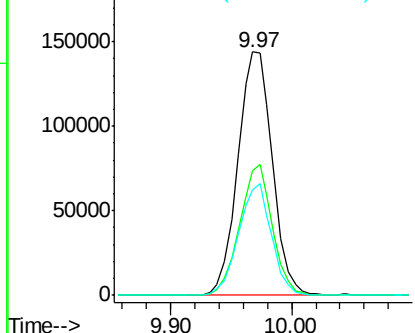
#23
 Nitrobenzene-d5
 Concen: 92.294 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032012.D
 Acq: 12 Jan 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-011118-B

Tgt Ion: 82 Resp: 285930
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 43.2 43.1 64.7

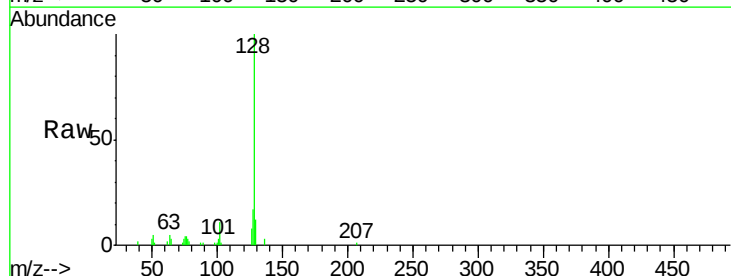


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

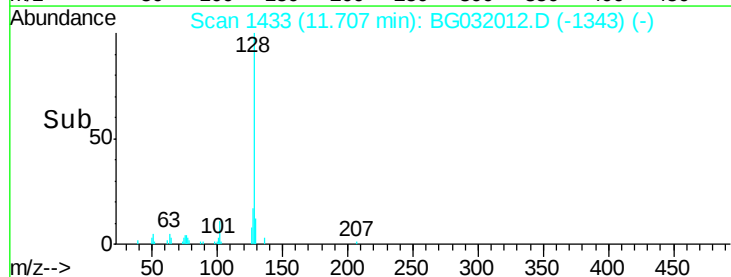
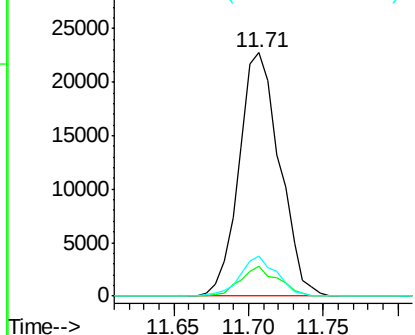


#31
 Naphthalene
 Concen: 4.127 ng
 RT: 11.71 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BG032012.D
 Acq: 12 Jan 2018 21:16

Tgt Ion: 128 Resp: 42846
 Ion Ratio Lower Upper
 128 100
 129 12.4 8.6 12.8
 127 16.7 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: 15.40 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-B

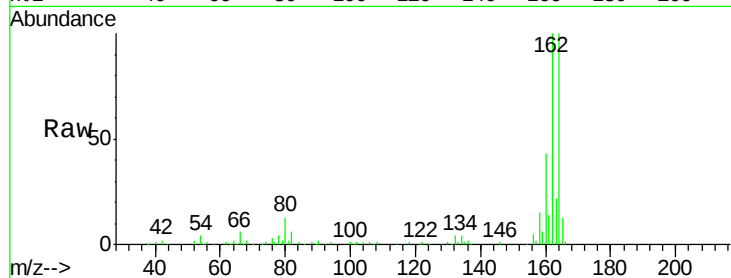
Tgt Ion:164 Resp: 144635

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

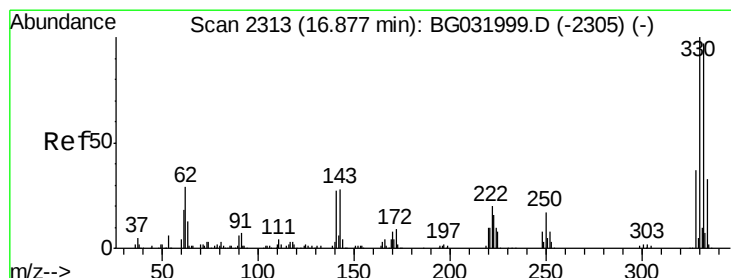
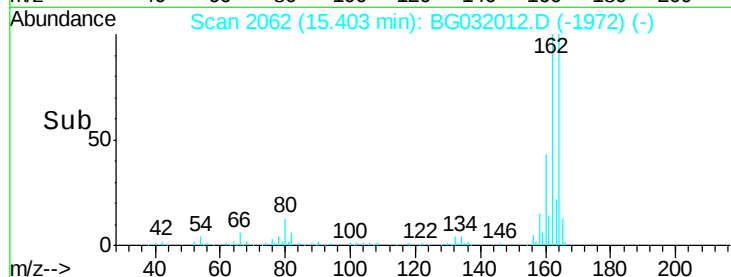
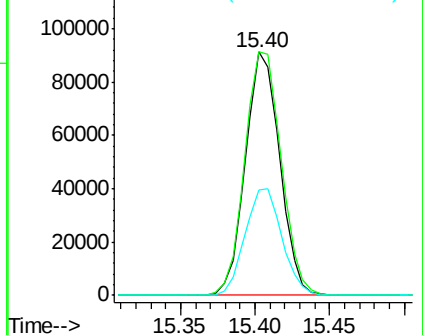
160 43.5 35.4 53.0



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: 151.229 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

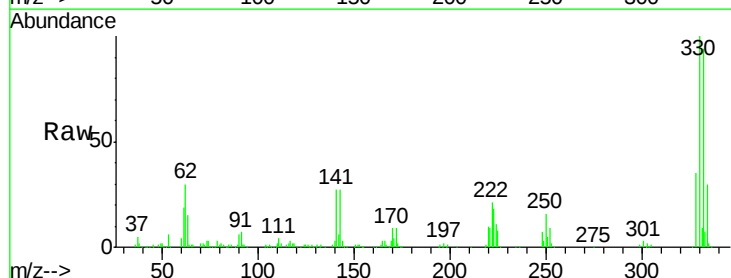
Tgt Ion:330 Resp: 361947

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

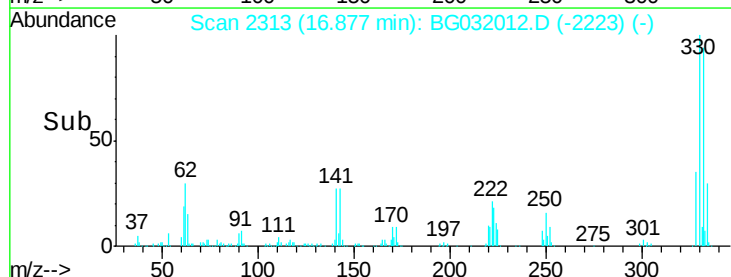
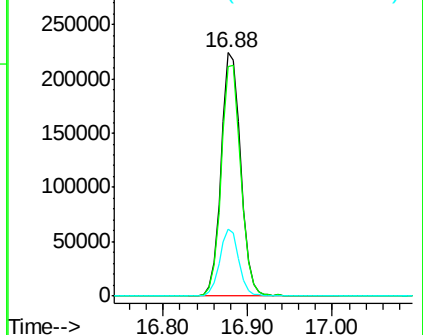
141 26.7 25.2 37.8



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

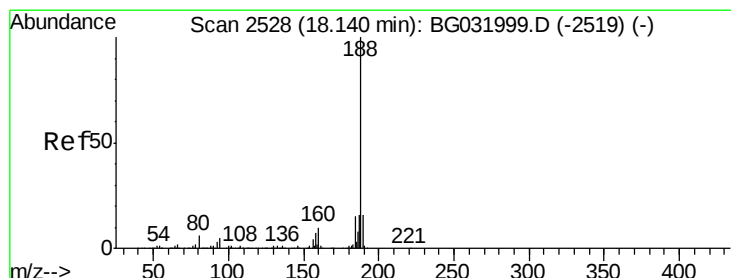
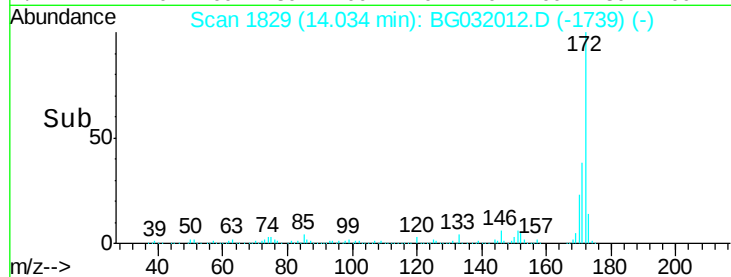
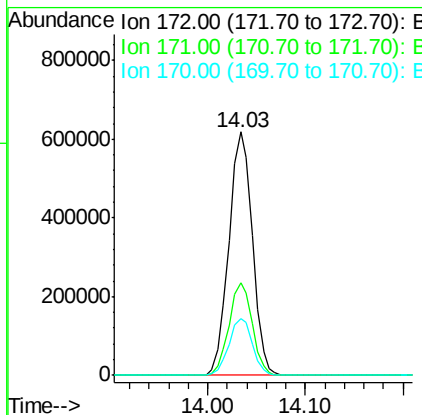
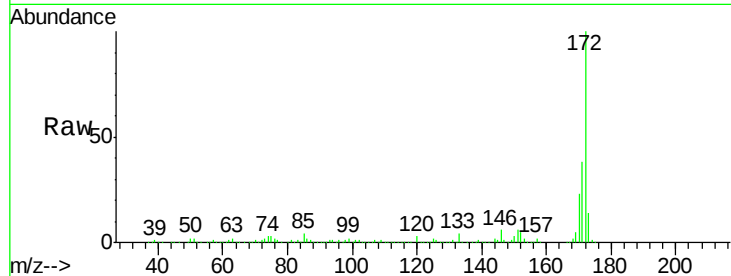




#44
 2-Fluorobiphenyl
 Concen: 88.487 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032012.D
 Acq: 12 Jan 2018 21:16

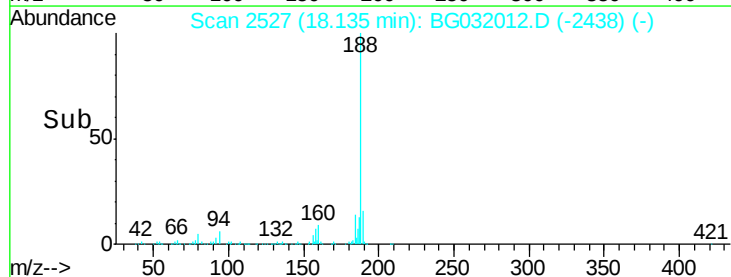
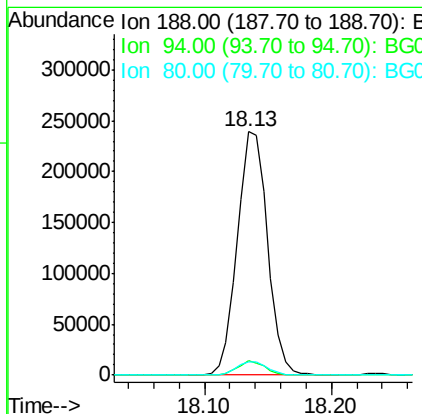
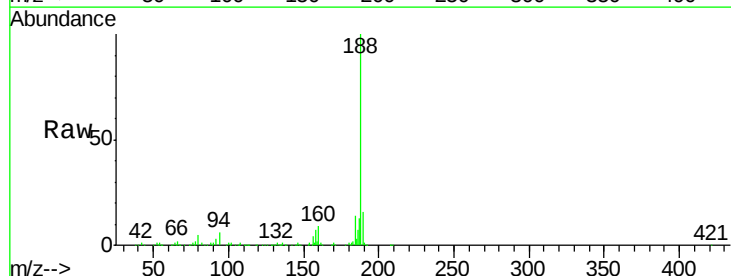
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-011118-B

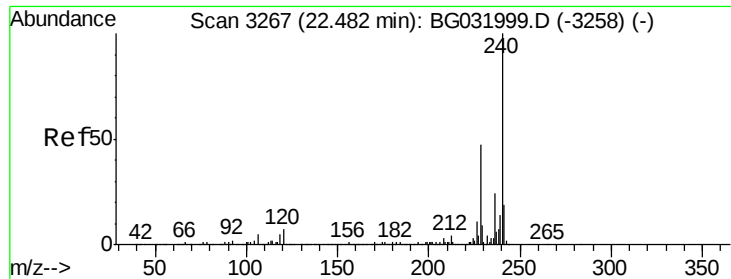
Tgt Ion:172 Resp: 1032162
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG032012.D
 Acq: 12 Jan 2018 21:16

Tgt Ion:188 Resp: 394667
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.9 10.3#
 80 5.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-B

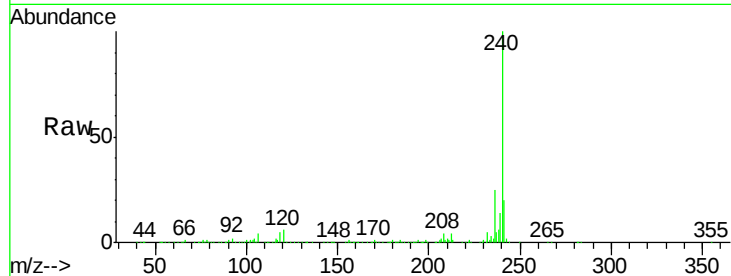
Tgt Ion:240 Resp: 453376

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

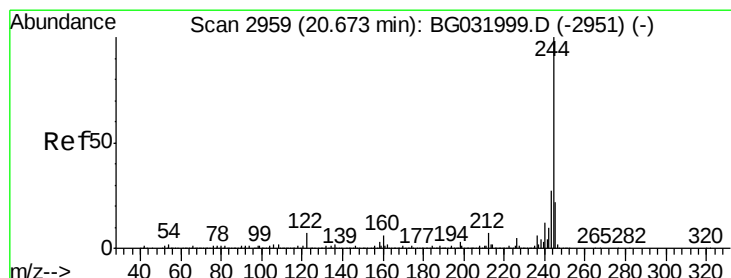
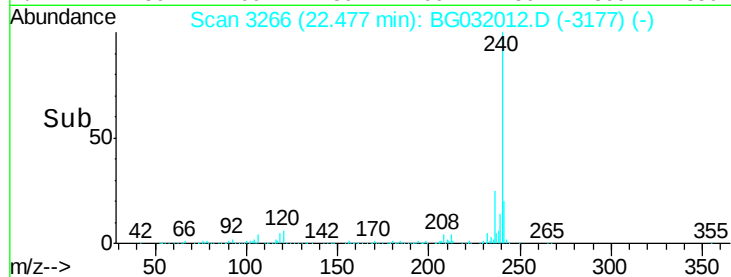
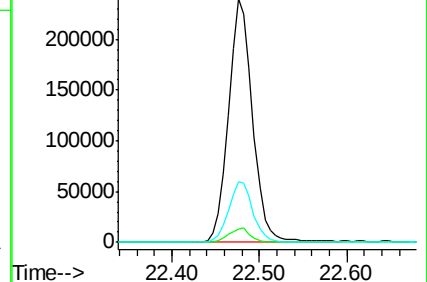
236 24.8 20.9 31.3



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: 97.230 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG032012.D

Acq: 12 Jan 2018 21:16

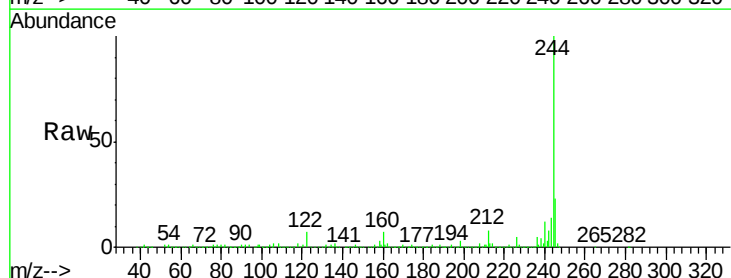
Tgt Ion:244 Resp: 1996425

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

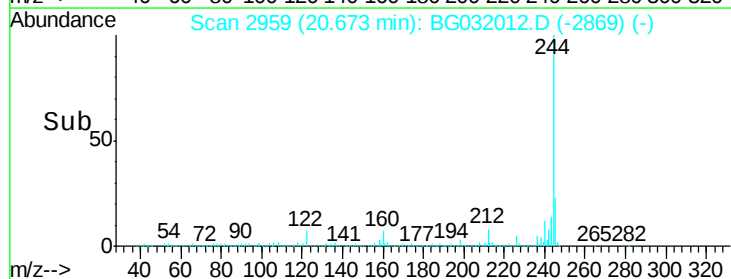
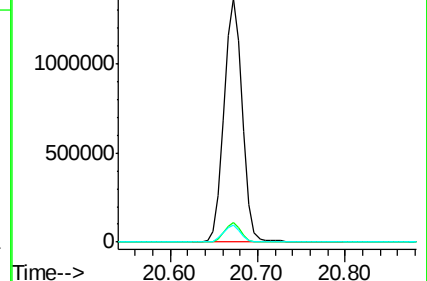
122 7.3 7.0 10.4

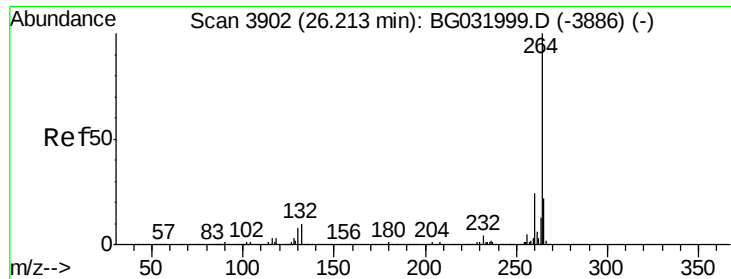


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.21 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :
HR-05-011118-B

Tgt Ion: 264 Resp: 474393

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.0	17.7	26.5

