

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032013.D
 Acq On : 12 Jan 2018 21:53
 Operator : SJ/JU
 Sample : J1011-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 13 04:00:48 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

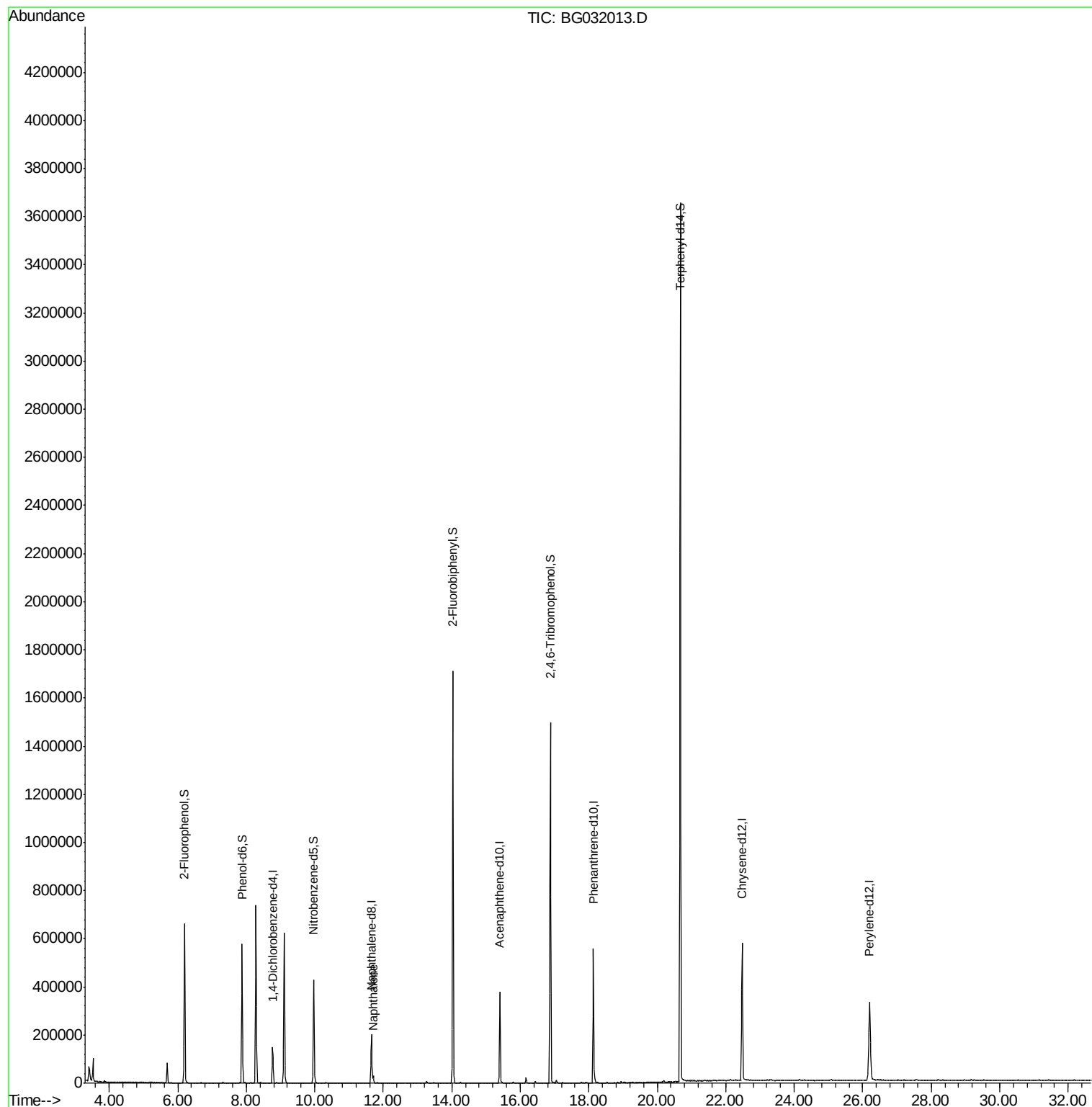
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	50482	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	203904	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	143326	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	379996	20.00	ng	0.00
75) Chrysene-d12	22.48	240	445248	20.00	ng	0.00
86) Perylene-d12	26.20	264	457618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	351726	127.43	ng	0.00
7) Phenol-d6	7.88	99	394892	113.60	ng	0.00
23) Nitrobenzene-d5	9.97	82	282591	93.76	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	348430	146.91	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1028848	89.01	ng	0.00
78) Terphenyl-d14	20.67	244	2002404	99.30	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	30950	3.064	ng	Qvalue # 91

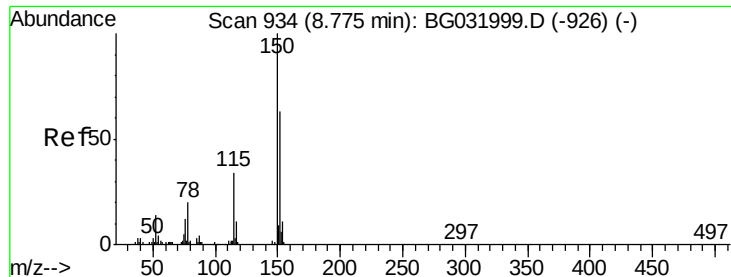
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



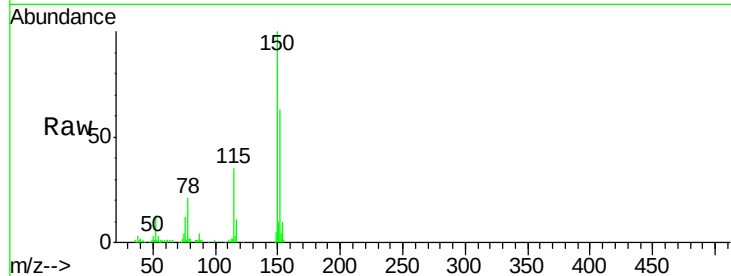


#1

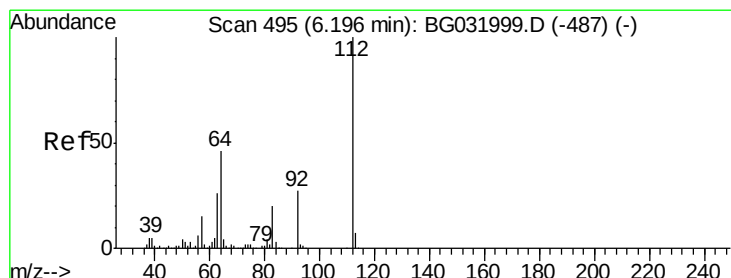
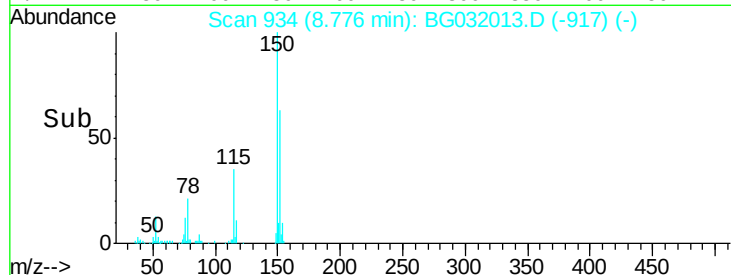
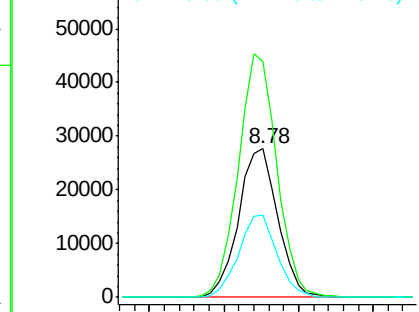
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032013.D
Acq: 12 Jan 2018 21:53

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

Tgt Ion:152 Resp: 50482
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 55.3 53.0 79.4



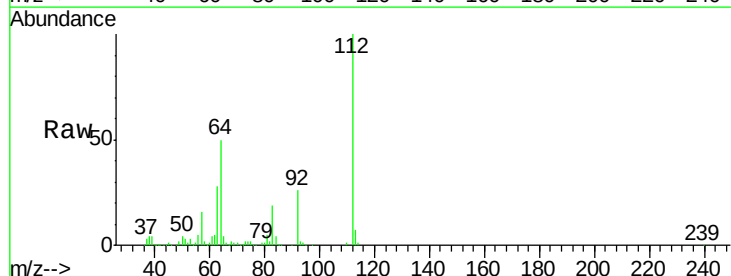
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



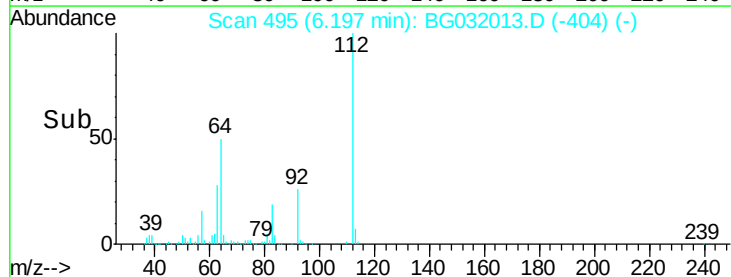
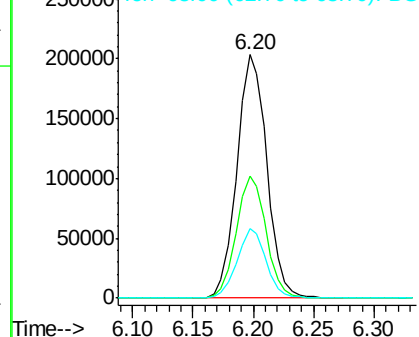
#5

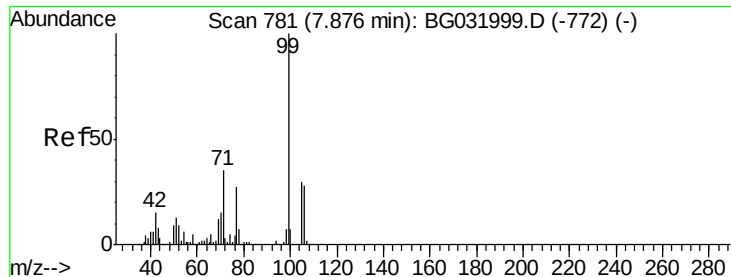
2-Fluorophenol
Concen: 127.428 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032013.D
Acq: 12 Jan 2018 21:53

Tgt Ion:112 Resp: 351726
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 28.5 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: 113.596 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-C

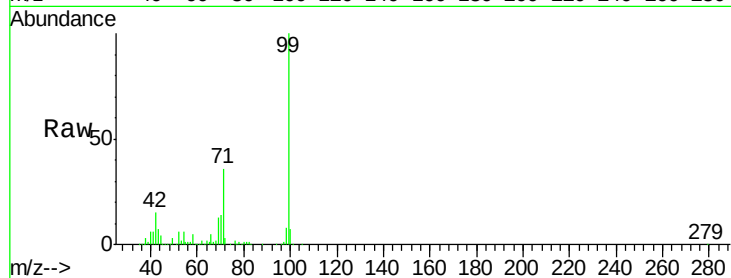
Tgt Ion: 99 Resp: 394892

Ion Ratio Lower Upper

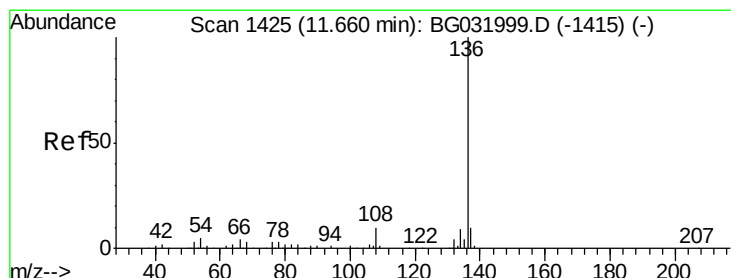
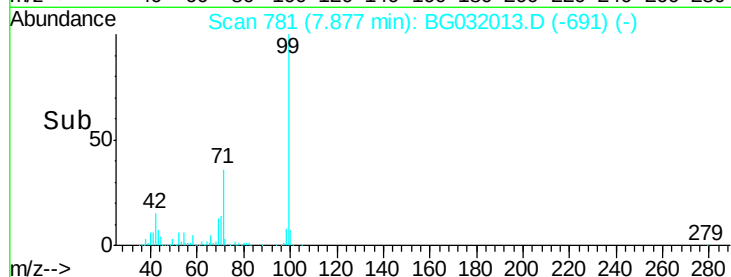
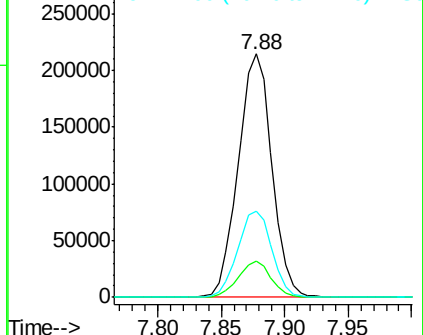
99 100

42 14.9 14.1 21.1

71 35.7 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: 11.66 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Tgt Ion: 136 Resp: 203904

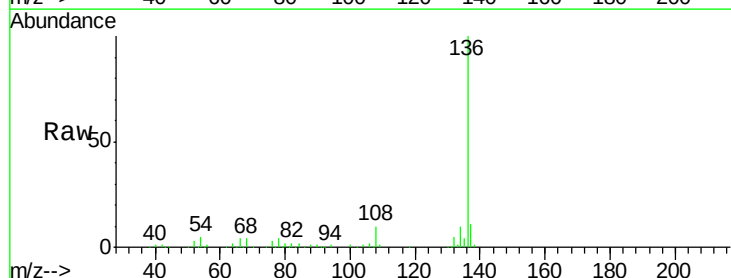
Ion Ratio Lower Upper

136 100

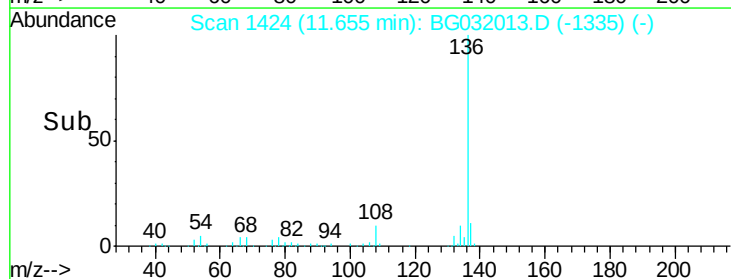
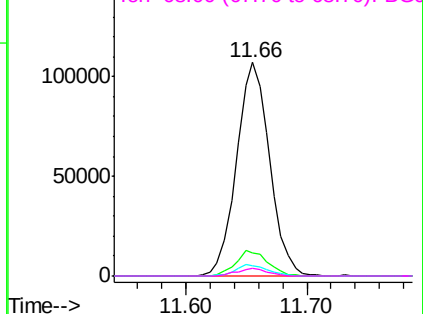
137 10.6 9.2 13.8

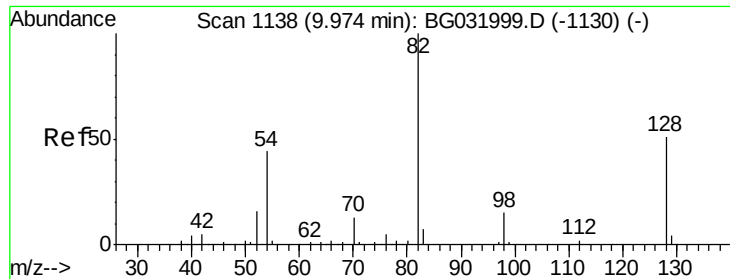
54 4.9 10.3 15.5#

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

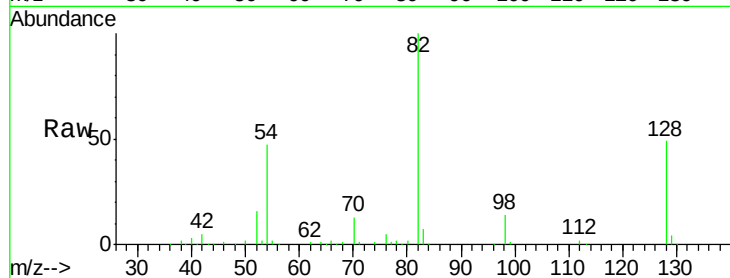




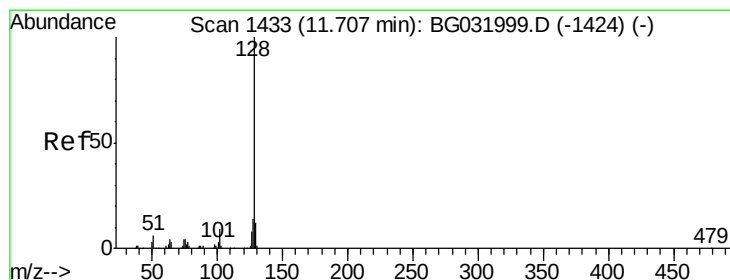
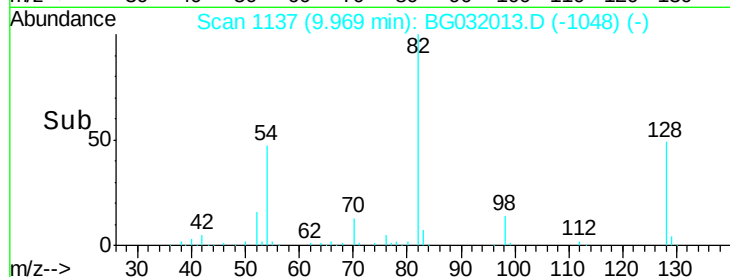
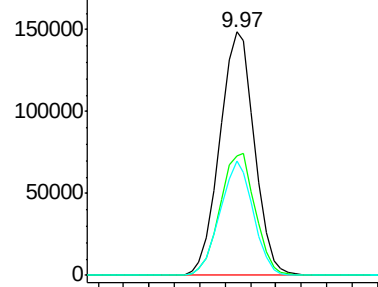
#23
 Nitrobenzene-d5
 Concen: 93.762 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BG032013.D
 Acq: 12 Jan 2018 21:53

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

Tgt Ion: 82 Resp: 282591
 Ion Ratio Lower Upper
 82 100
 128 48.8 29.7 44.5#
 54 47.2 43.1 64.7

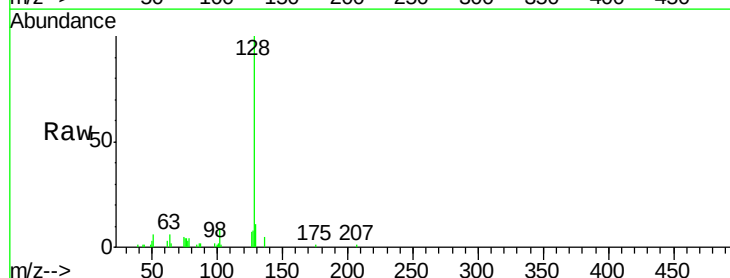


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

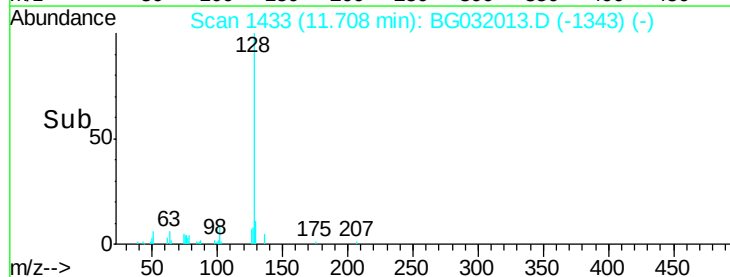
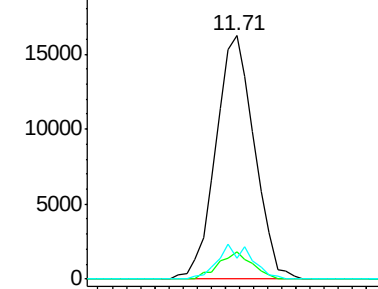


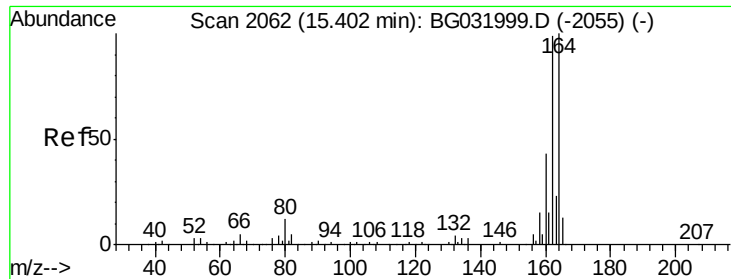
#31
 Naphthalene
 Concen: 3.064 ng
 RT: 11.71 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BG032013.D
 Acq: 12 Jan 2018 21:53

Tgt Ion: 128 Resp: 30950
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 12.8
 127 8.4 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: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-C

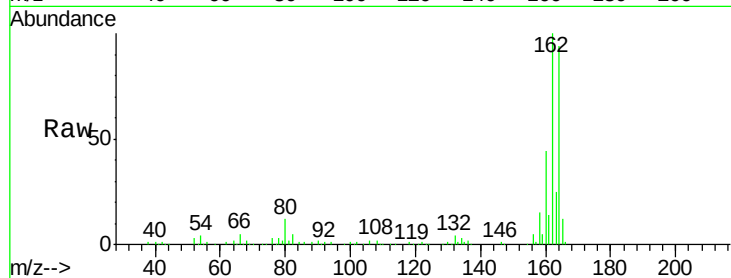
Tgt Ion:164 Resp: 143326

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

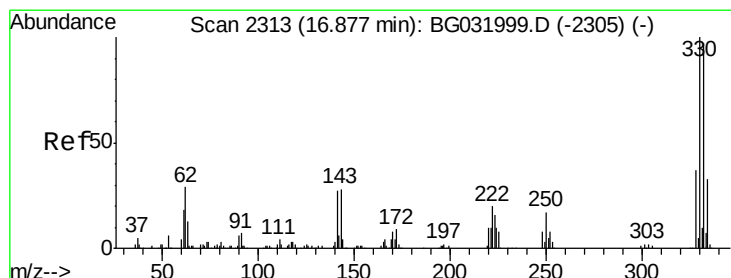
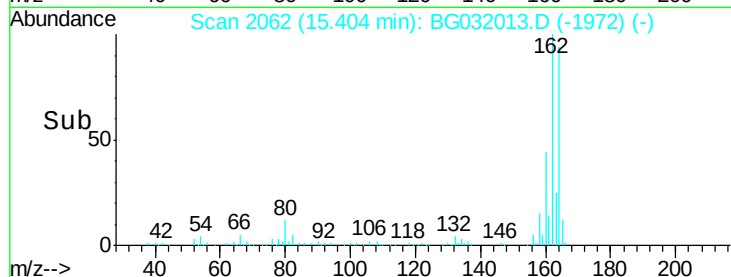
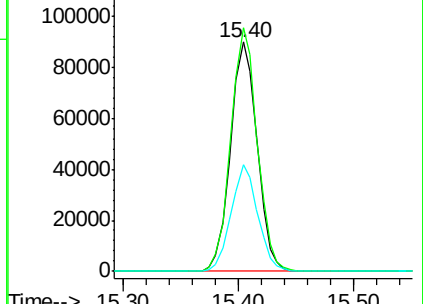
160 46.5 35.4 53.0



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: 146.911 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

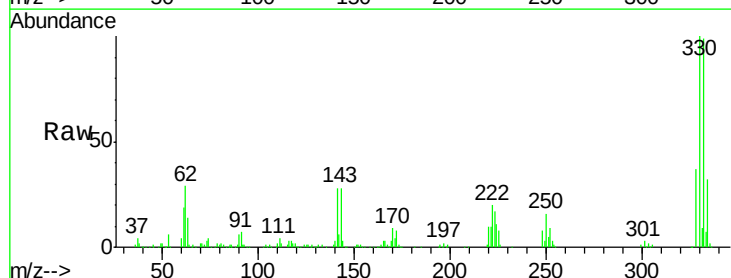
Tgt Ion:330 Resp: 348430

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

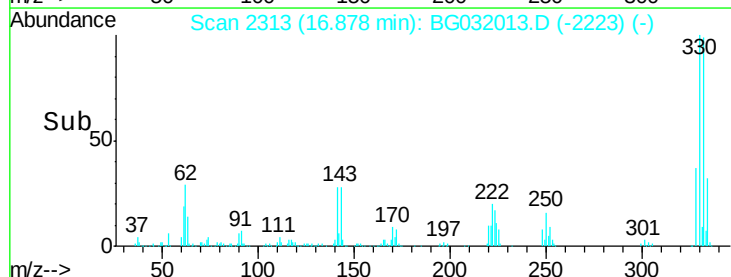
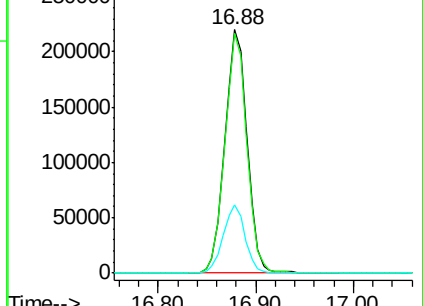
141 27.5 25.2 37.8

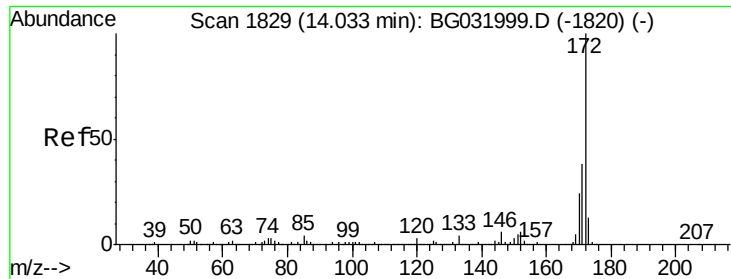


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

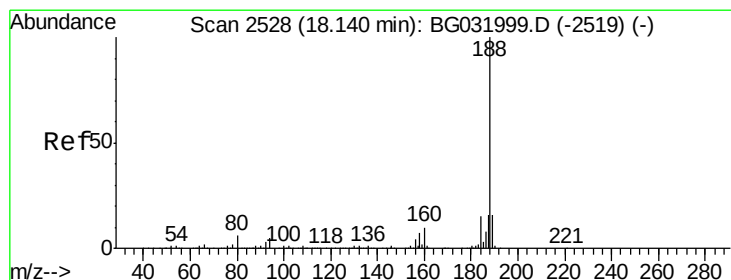
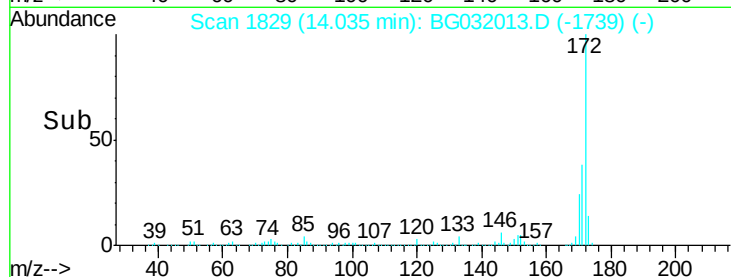
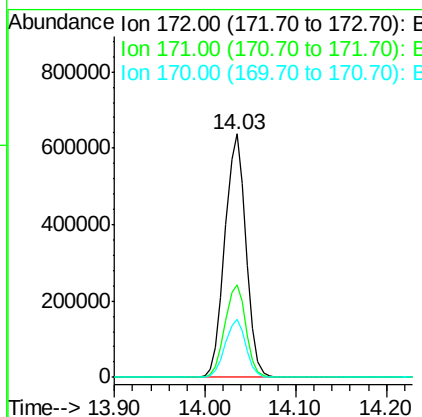
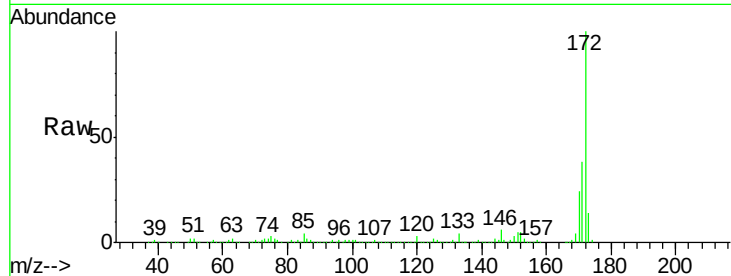




#44
 2-Fluorobiphenyl
 Concen: 89.008 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032013.D
 Acq: 12 Jan 2018 21:53

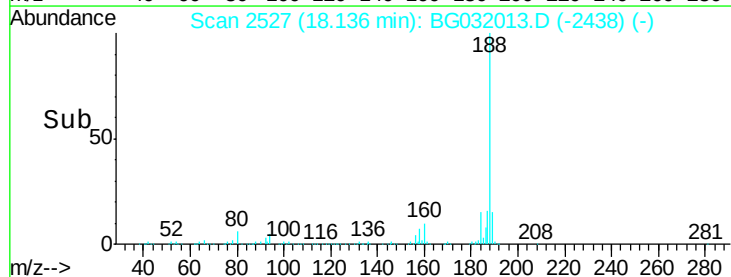
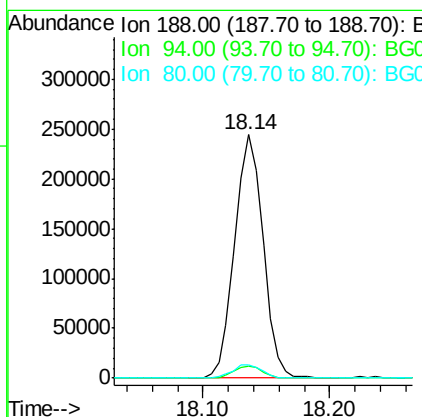
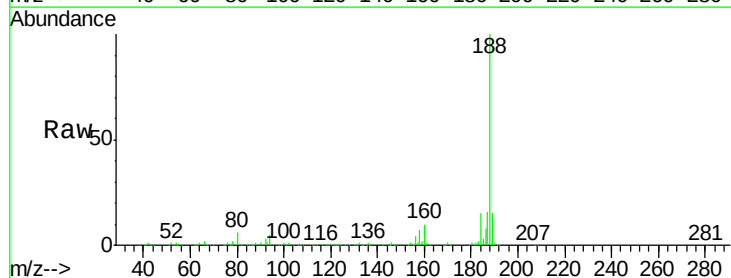
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-011118-C

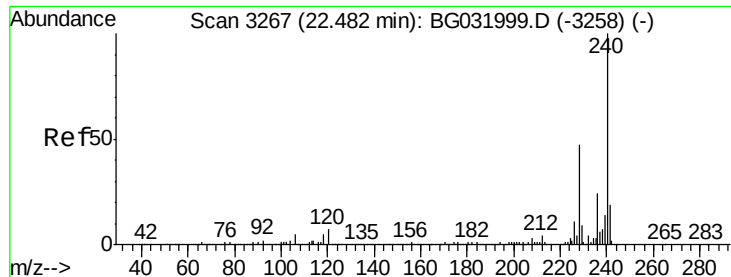
Tgt Ion:172 Resp: 1028848
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG032013.D
 Acq: 12 Jan 2018 21:53

Tgt Ion:188 Resp: 379996
 Ion Ratio Lower Upper
 188 100
 94 4.9 6.9 10.3#
 80 5.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-C

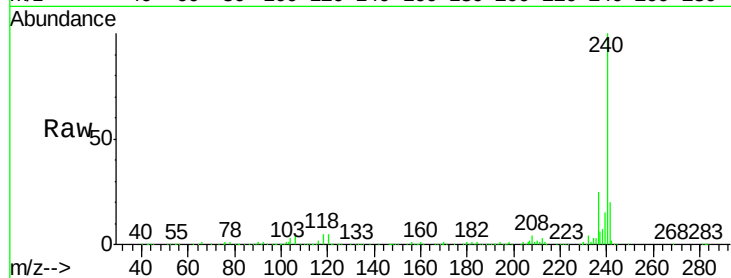
Tgt Ion:240 Resp: 445248

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

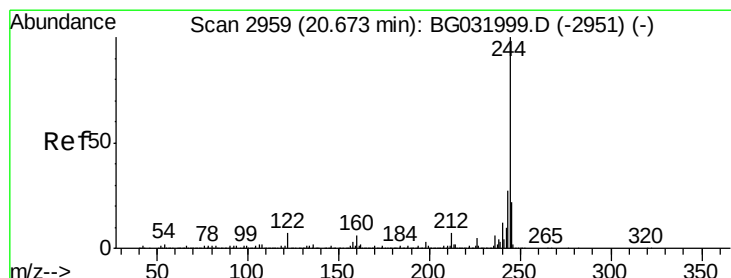
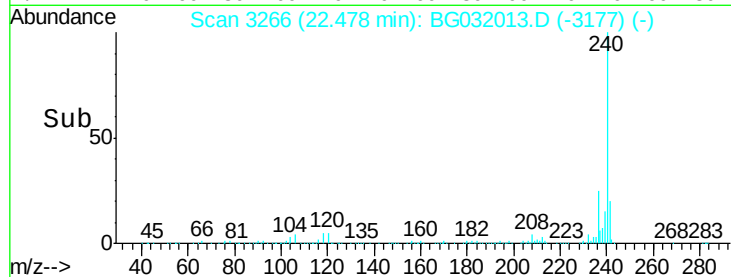
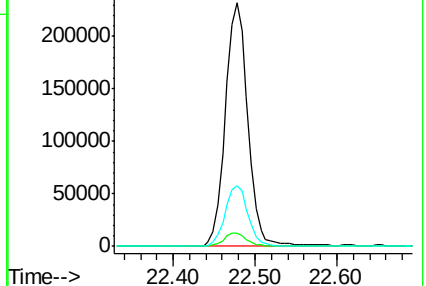
236 24.7 20.9 31.3



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: 99.302 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

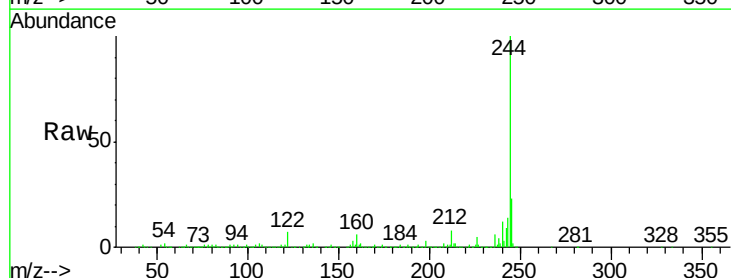
Tgt Ion:244 Resp: 2002404

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

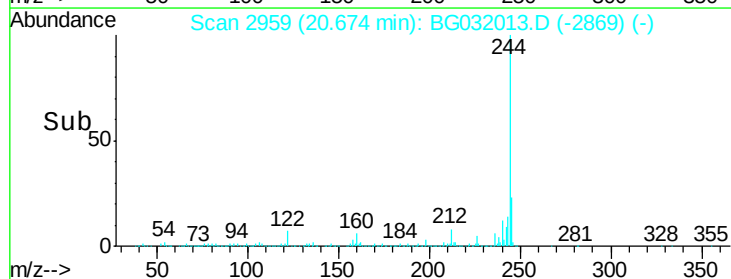
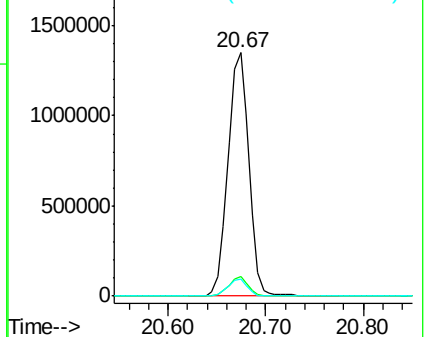
122 7.0 7.0 10.4

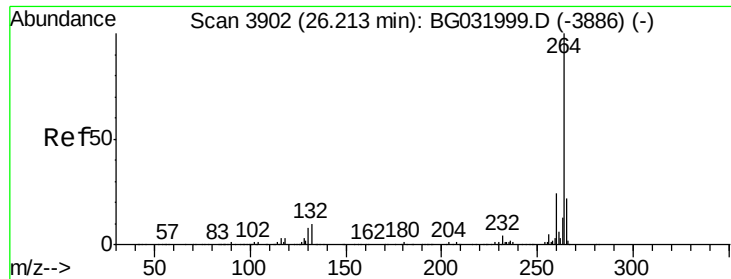


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

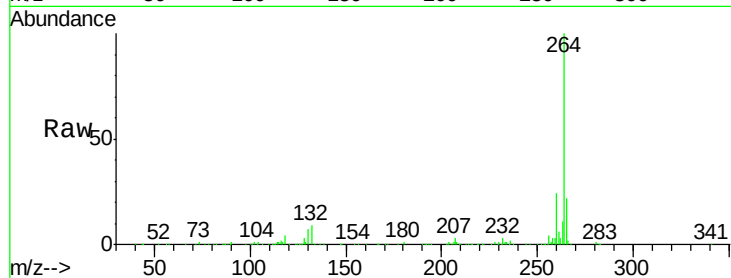




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BG032013.D
Acq: 12 Jan 2018 21:53

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	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

