

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032011.D
 Acq On : 12 Jan 2018 20:38
 Operator : SJ/JU
 Sample : J1011-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 13 03:43:50 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

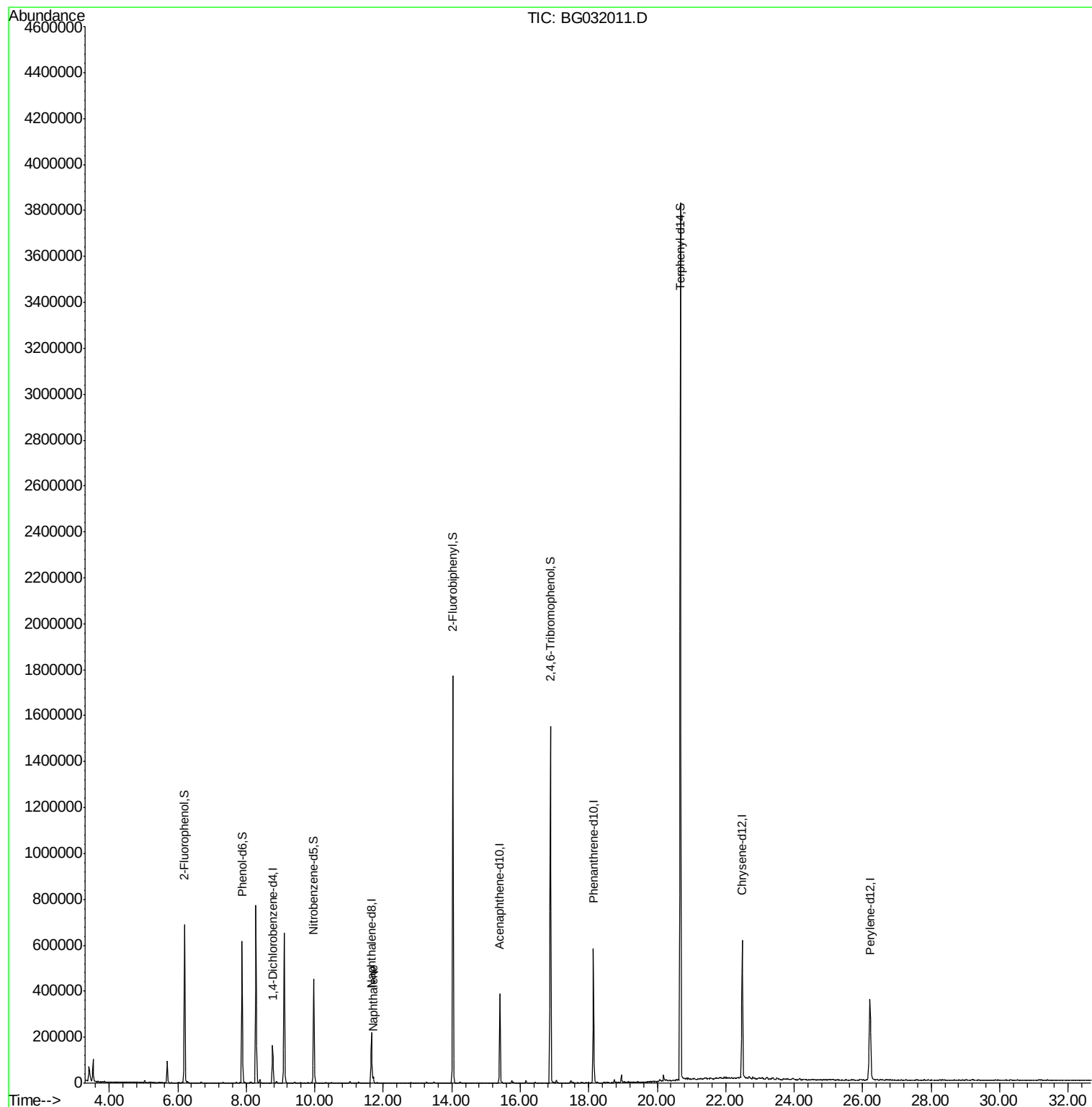
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	55336	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	223733	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	152878	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	409623	20.00	ng	0.00
75) Chrysene-d12	22.48	240	471568	20.00	ng	0.00
86) Perylene-d12	26.21	264	491814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	373129	123.32	ng	0.00
7) Phenol-d6	7.88	99	421693	110.66	ng	0.00
23) Nitrobenzene-d5	9.97	82	296769	89.74	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	371130	146.70	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1064603	86.35	ng	0.00
78) Terphenyl-d14	20.67	244	2076730	97.24	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	28676	2.587	ng	Qvalue 97

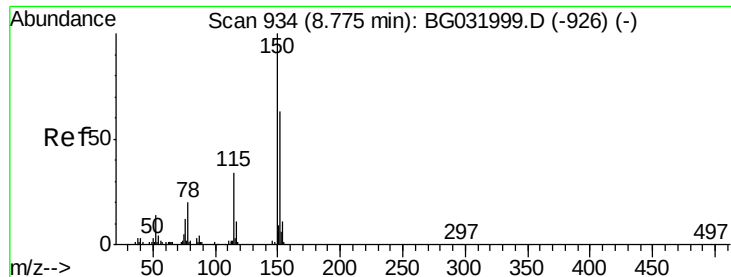
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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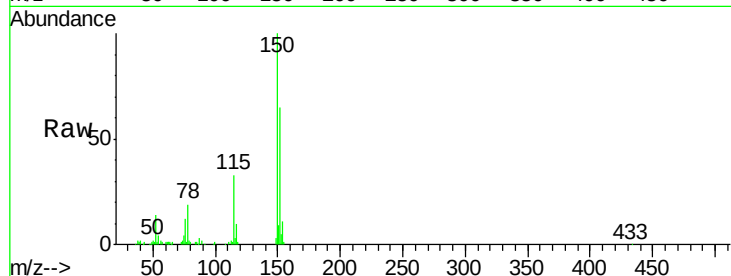


#1

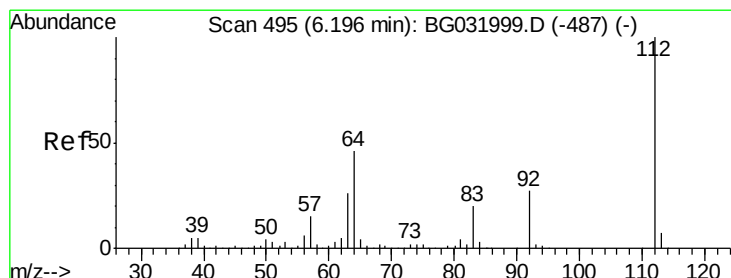
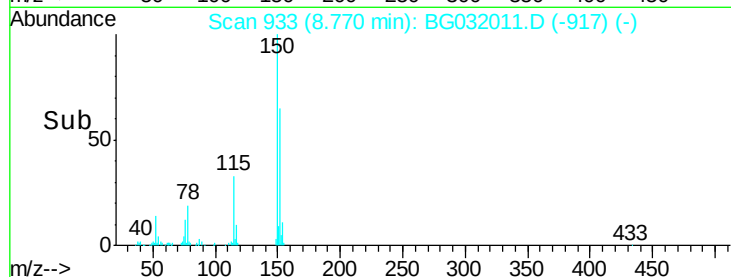
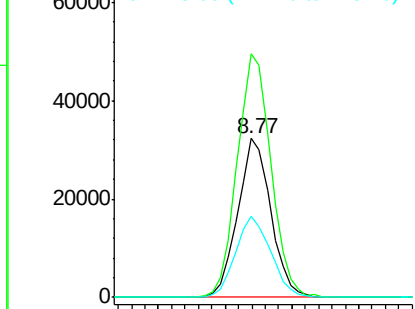
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032011.D
Acq: 12 Jan 2018 20:38

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

Tgt Ion:152 Resp: 55336
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 50.8 53.0 79.4#



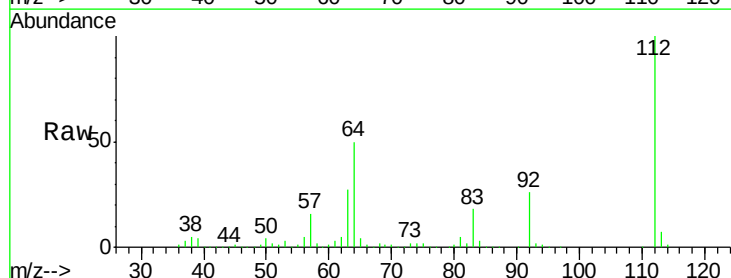
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



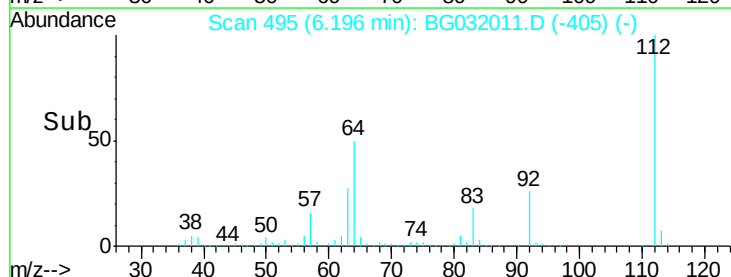
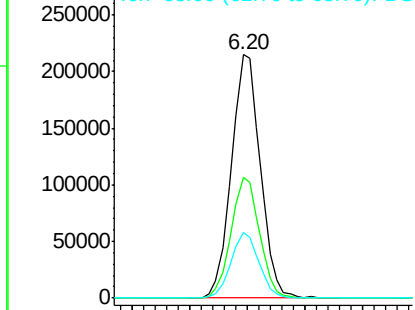
#5

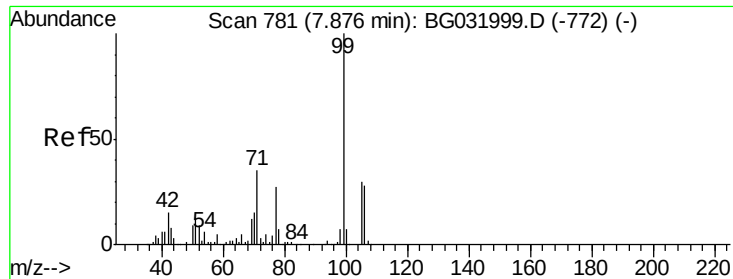
2-Fluorophenol
Concen: 123.324 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032011.D
Acq: 12 Jan 2018 20:38

Tgt Ion:112 Resp: 373129
Ion Ratio Lower Upper
112 100
64 49.9 56.3 84.5#
63 27.2 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: 110.665 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032011.D

Acq: 12 Jan 2018 20:38

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-A

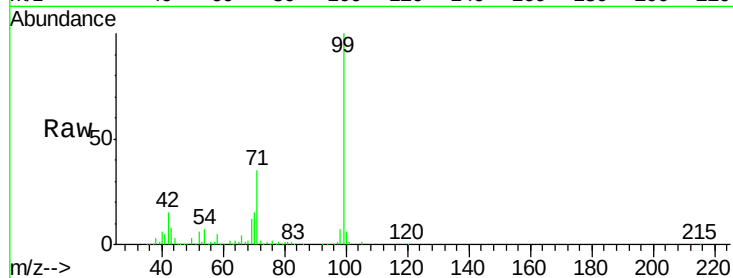
Tgt Ion: 99 Resp: 421693

Ion Ratio Lower Upper

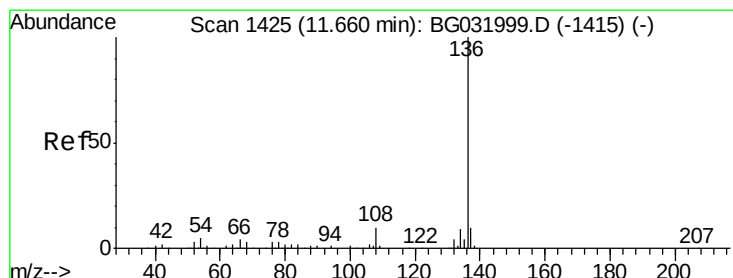
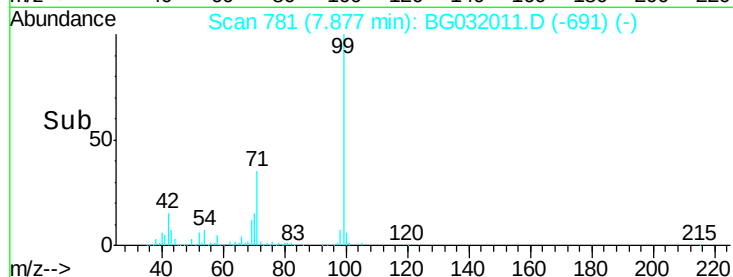
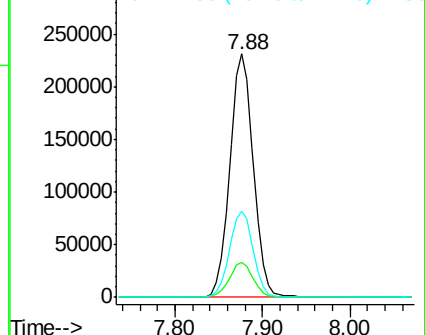
99 100

42 14.5 14.1 21.1

71 35.3 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# 1424

Delta R.T. -0.01 min

Lab File: BG032011.D

Acq: 12 Jan 2018 20:38

Tgt Ion: 136 Resp: 223733

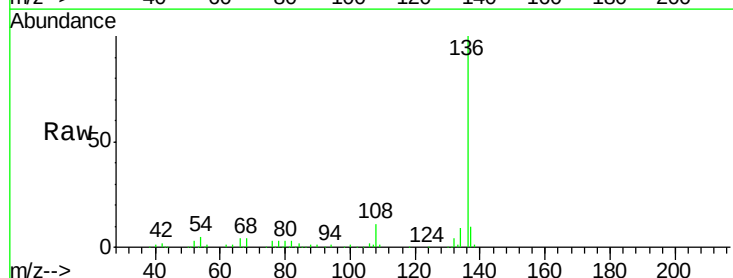
Ion Ratio Lower Upper

136 100

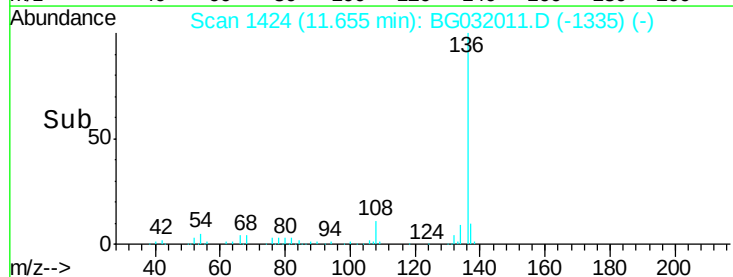
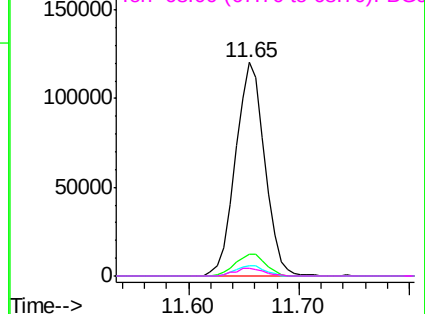
137 10.5 9.2 13.8

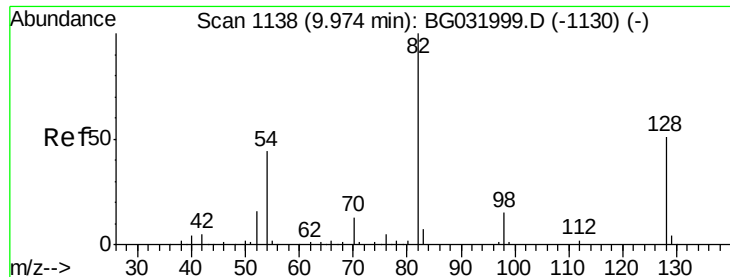
54 4.9 10.3 15.5#

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

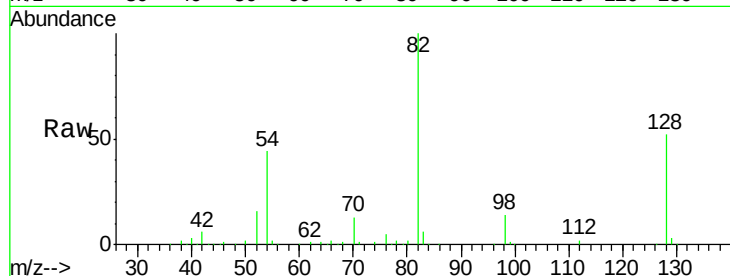




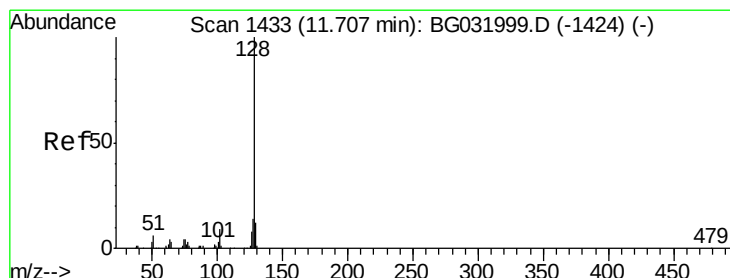
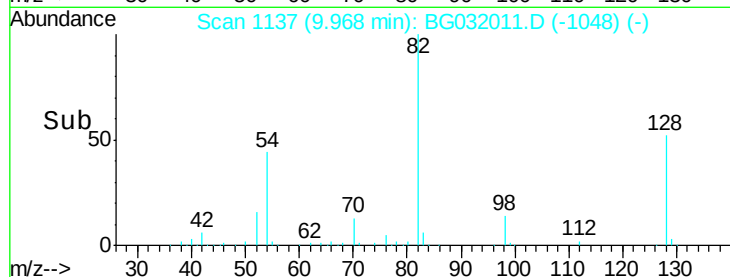
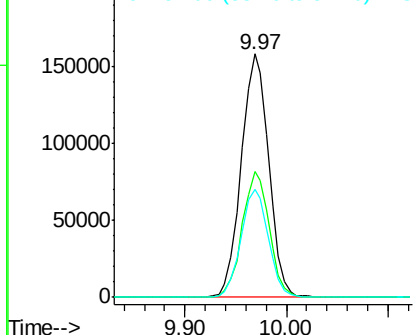
#23
 Nitrobenzene-d5
 Concen: 89.740 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032011.D
 Acq: 12 Jan 2018 20:38

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

Tgt Ion: 82 Resp: 296769
 Ion Ratio Lower Upper
 82 100
 128 51.7 29.7 44.5#
 54 44.3 43.1 64.7

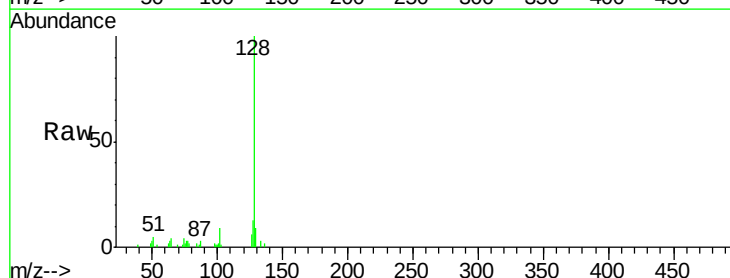


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

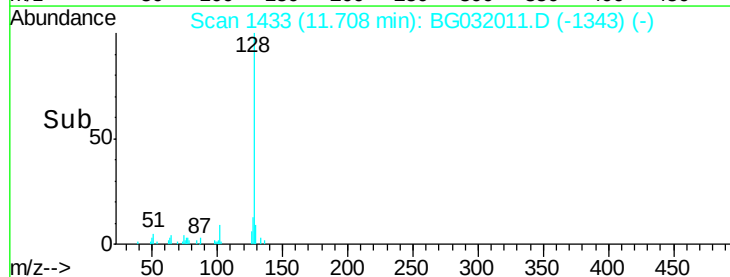
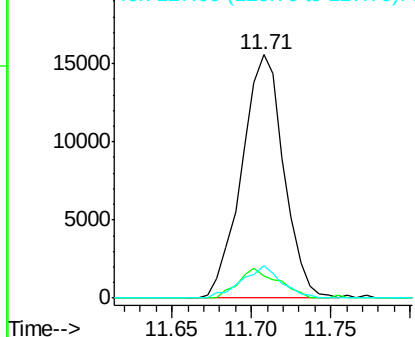


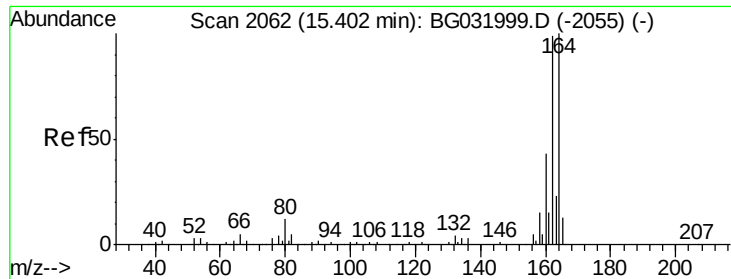
#31
 Naphthalene
 Concen: 2.587 ng
 RT: 11.71 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BG032011.D
 Acq: 12 Jan 2018 20:38

Tgt Ion: 128 Resp: 28676
 Ion Ratio Lower Upper
 128 100
 129 8.9 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: 15.40 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG032011.D

Acq: 12 Jan 2018 20:38

Instrument :

BNA_G

ClientSampleId :

HR-05-011118-A

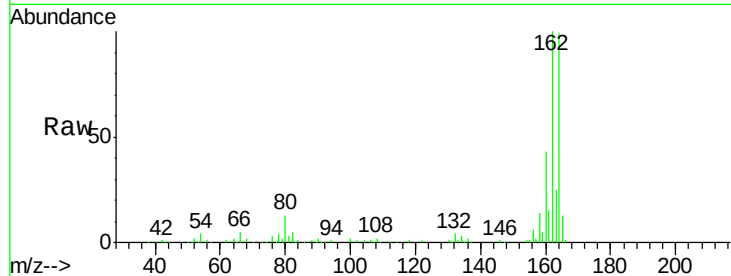
Tgt Ion:164 Resp: 152878

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

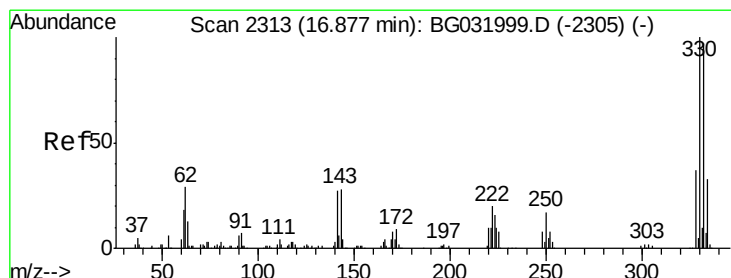
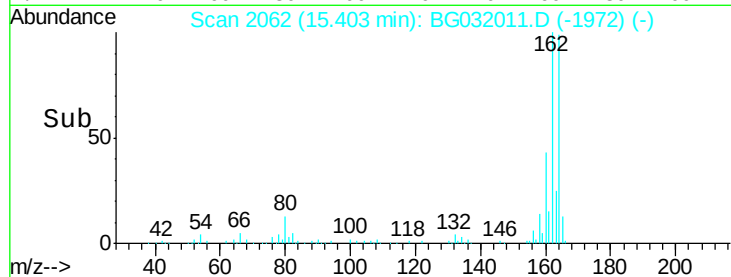
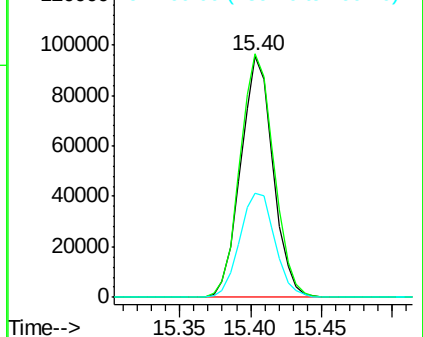
160 43.2 35.4 53.0



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: 146.705 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032011.D

Acq: 12 Jan 2018 20:38

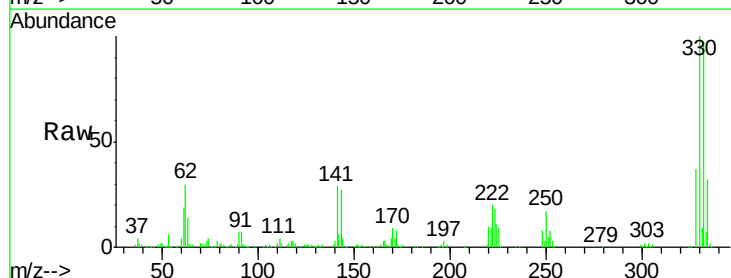
Tgt Ion:330 Resp: 371130

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

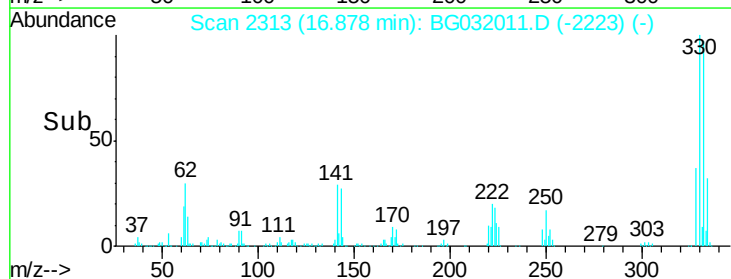
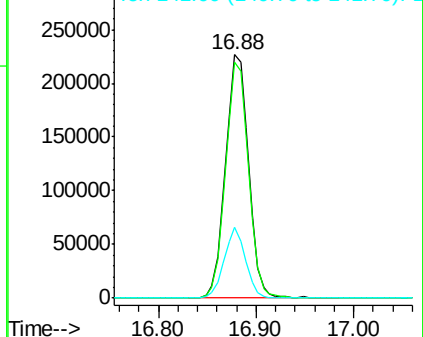
141 27.0 25.2 37.8

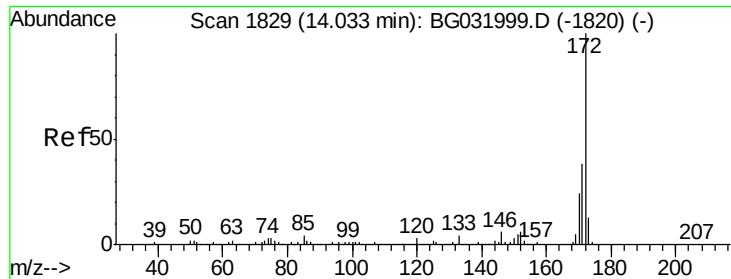


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

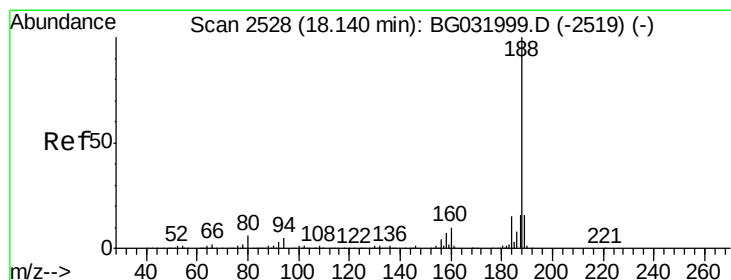
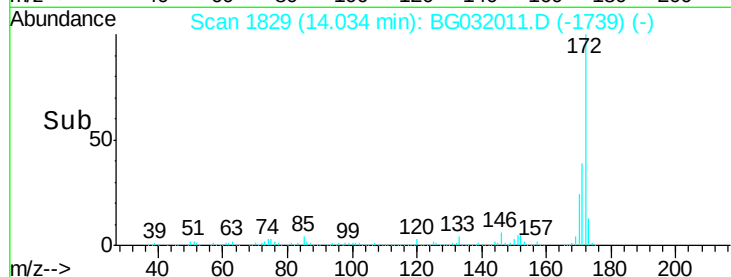
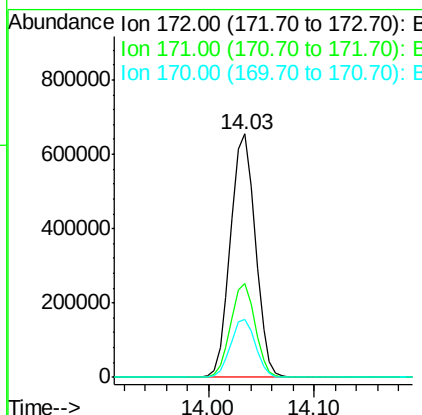
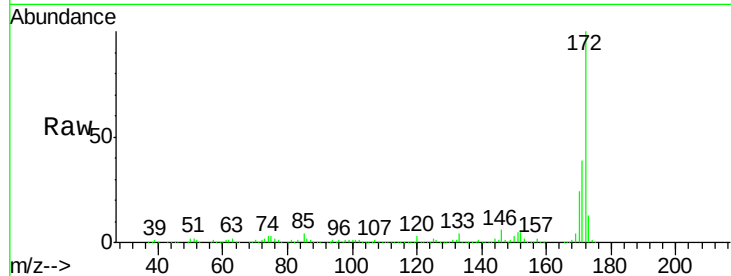




#44
2-Fluorobiphenyl
Concen: 86.347 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG032011.D
Acq: 12 Jan 2018 20:38

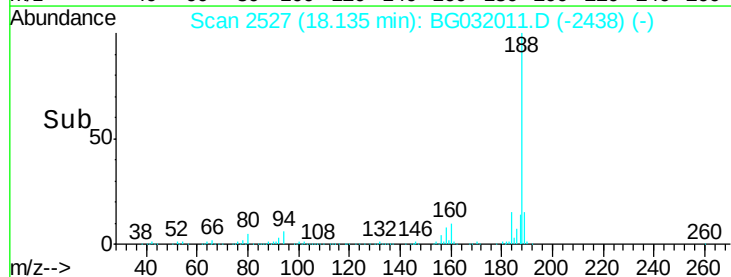
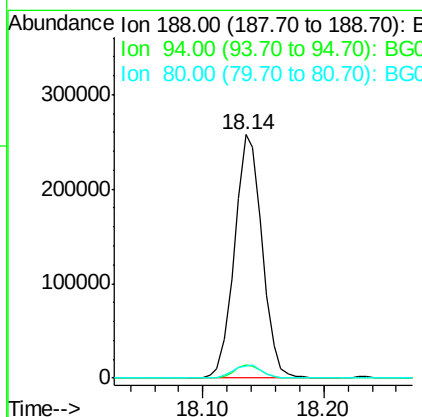
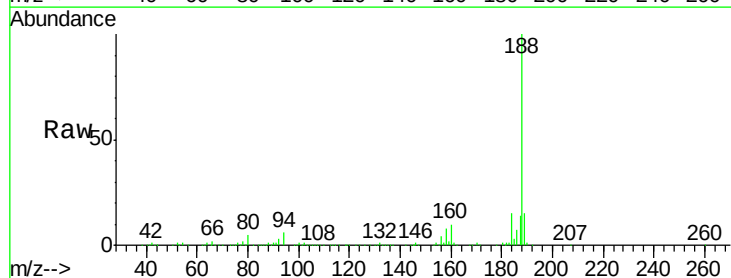
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HR-05-011118-A

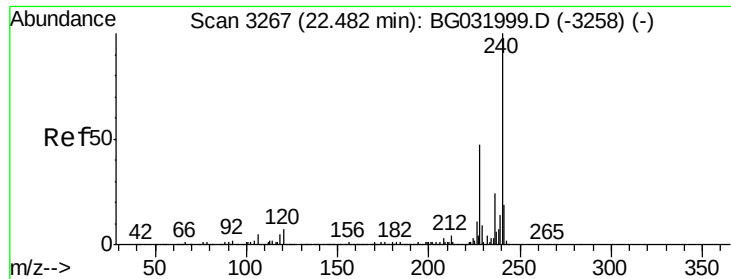
Tgt Ion:172 Resp: 1064603
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 24.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032011.D
Acq: 12 Jan 2018 20:38

Tgt Ion:188 Resp: 409623
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.0 7.7 11.5#

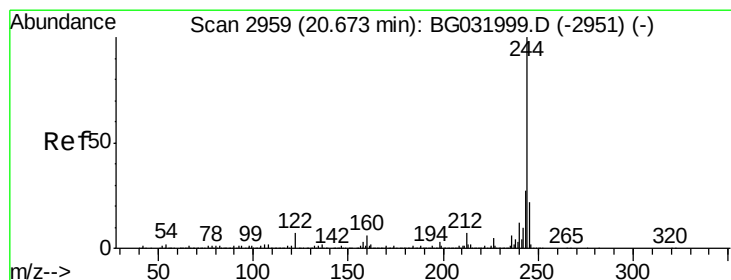
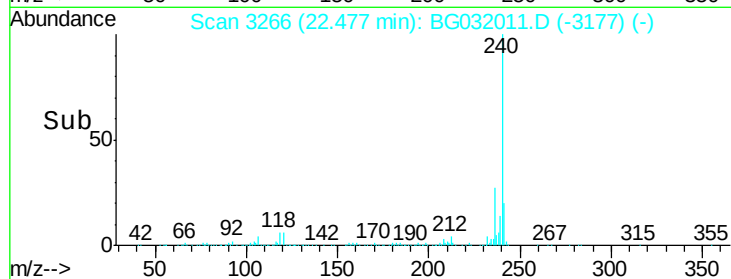
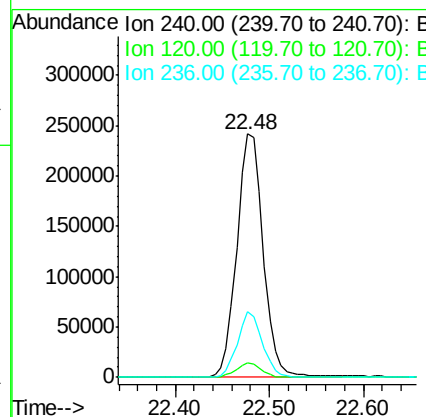
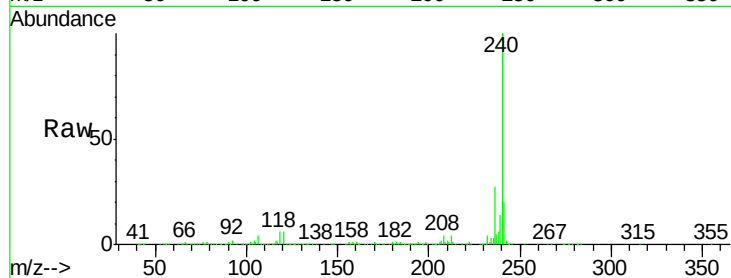




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.01 min
 Lab File: BG032011.D
 Acq: 12 Jan 2018 20:38

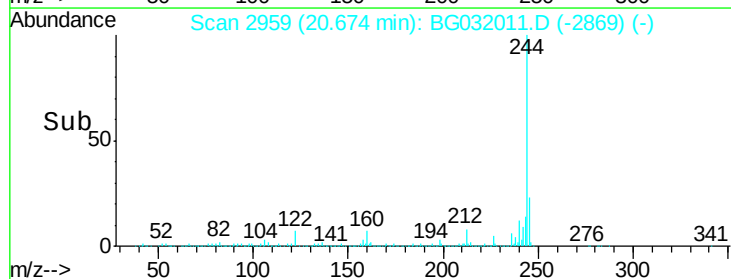
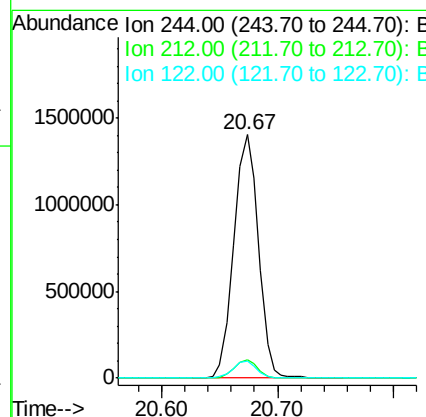
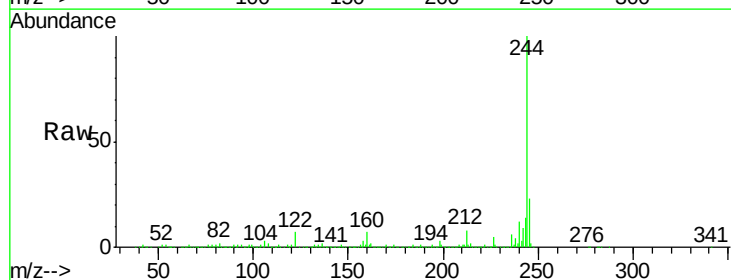
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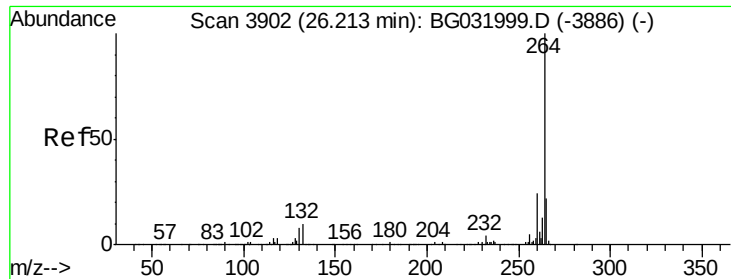
Tgt Ion:240 Resp: 471568
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 26.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 97.240 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. 0.00 min
 Lab File: BG032011.D
 Acq: 12 Jan 2018 20:38

Tgt Ion:244 Resp: 2076730
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 7.0 7.0 10.4

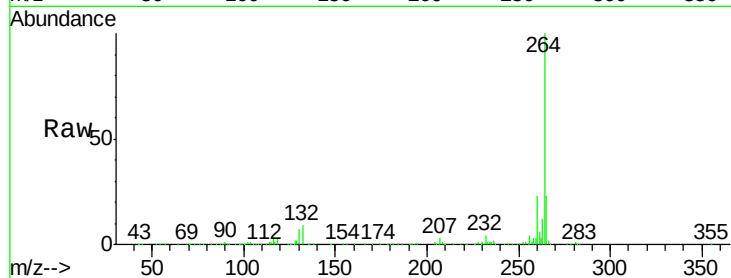




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BG032011.D
Acq: 12 Jan 2018 20:38

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.8	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

