

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032014.D
 Acq On : 12 Jan 2018 22:31
 Operator : SJ/JU
 Sample : J1015-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-A

Quant Time: Jan 13 04:05:33 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

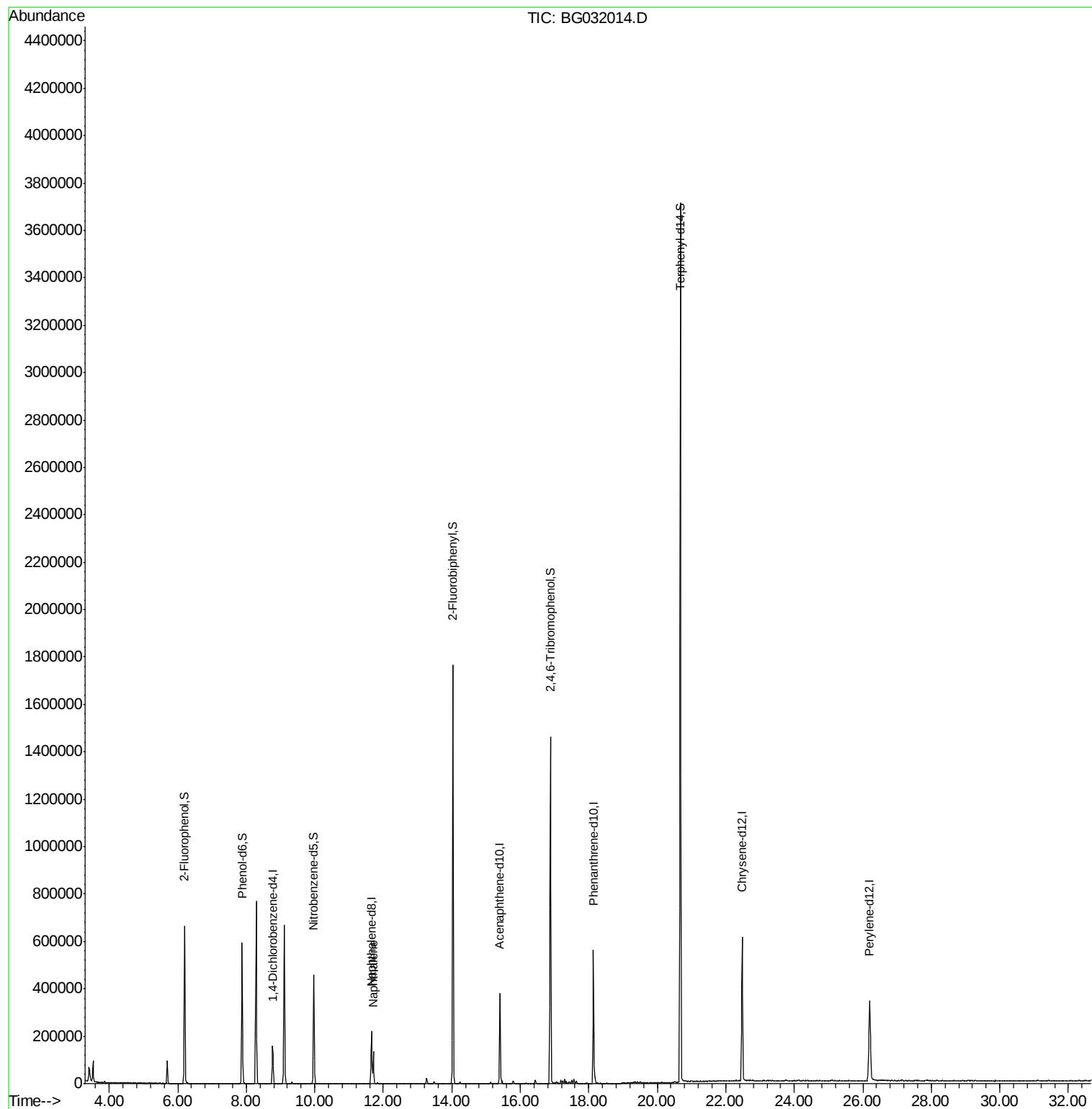
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	55136	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	223332	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	148119	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	395487	20.00	ng	0.00
75) Chrysene-d12	22.48	240	467697	20.00	ng	0.00
86) Perylene-d12	26.20	264	482652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	365200	121.14	ng	0.00
7) Phenol-d6	7.88	99	403179	106.19	ng	0.00
23) Nitrobenzene-d5	9.97	82	297525	90.13	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	343467	140.13	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1055342	88.35	ng	0.00
78) Terphenyl-d14	20.67	244	1959441	92.51	ng	0.00
Target Compounds						
31) Naphthalene	11.71	128	128898	11.651	ng	Qvalue 96

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032014.D
Acq On : 12 Jan 2018 22:31
Operator : SJ/JU
Sample : J1015-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-A

Quant Time: Jan 13 04:05:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-A

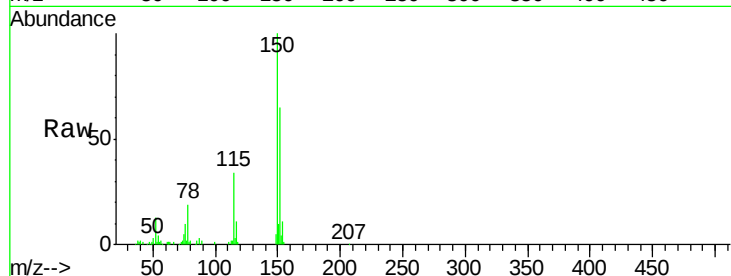
Tgt Ion:152 Resp: 55136

Ion Ratio Lower Upper

152 100

150 154.2 126.6 189.8

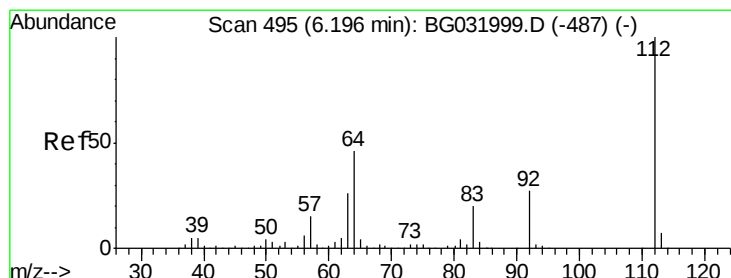
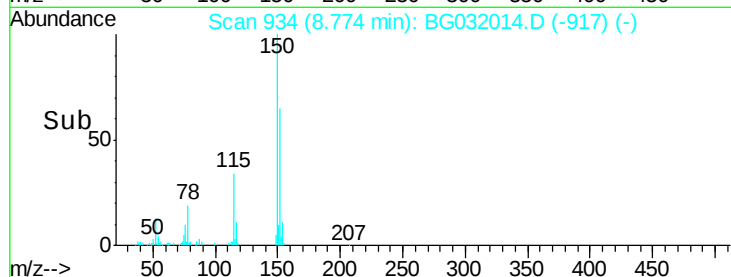
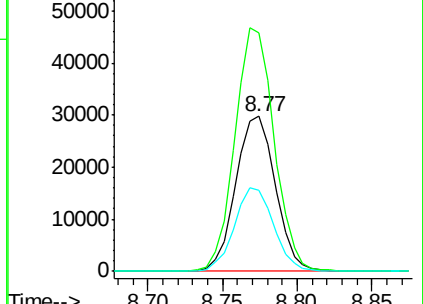
115 51.9 53.0 79.4#



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: 121.142 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

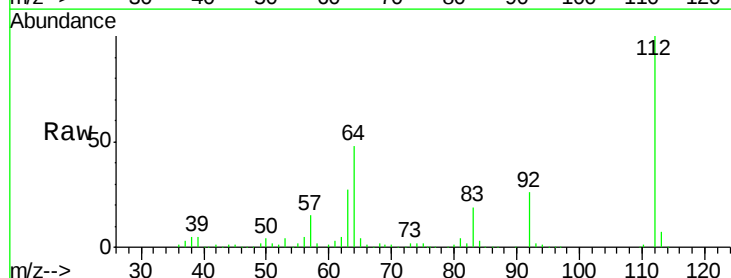
Tgt Ion:112 Resp: 365200

Ion Ratio Lower Upper

112 100

64 48.2 56.3 84.5#

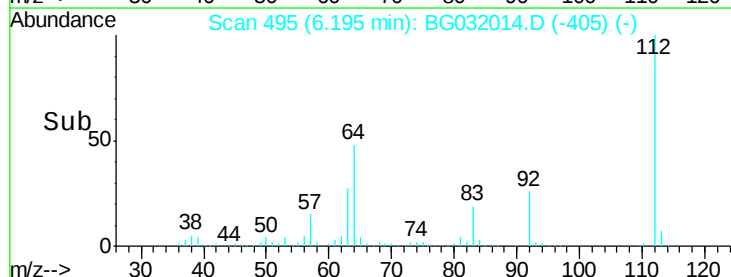
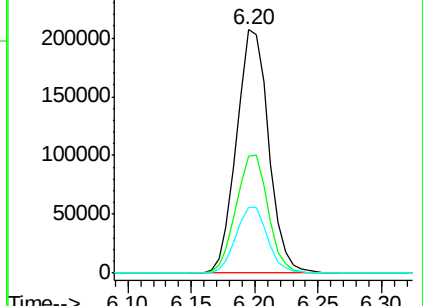
63 26.8 30.1 45.1#

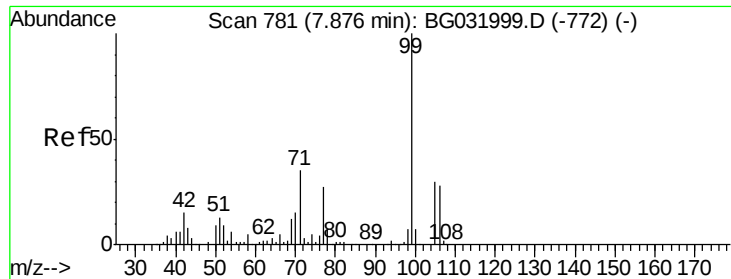


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.190 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-A

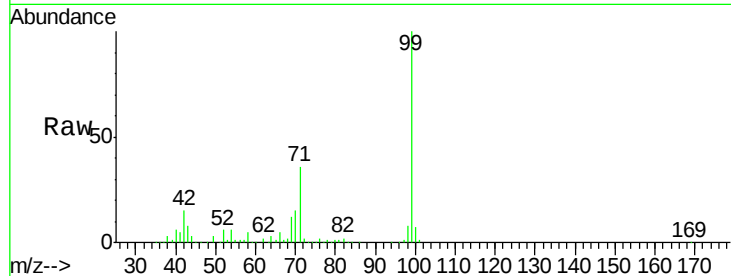
Tgt Ion: 99 Resp: 403179

Ion Ratio Lower Upper

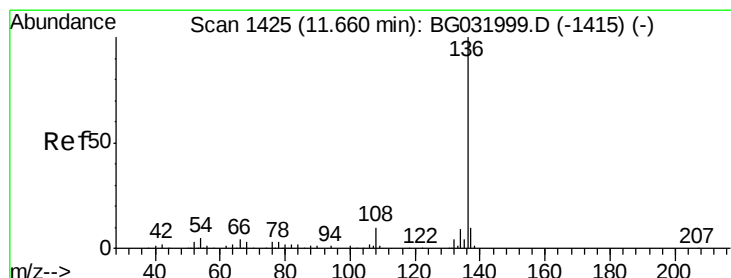
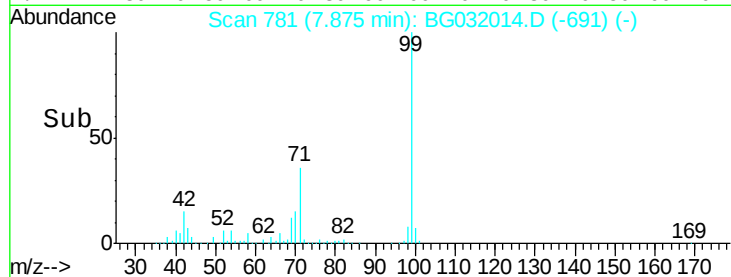
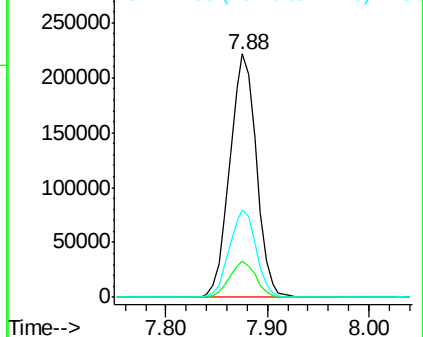
99 100

42 14.8 14.1 21.1

71 35.8 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# 1424

Delta R.T. -0.01 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

Tgt Ion: 136 Resp: 223332

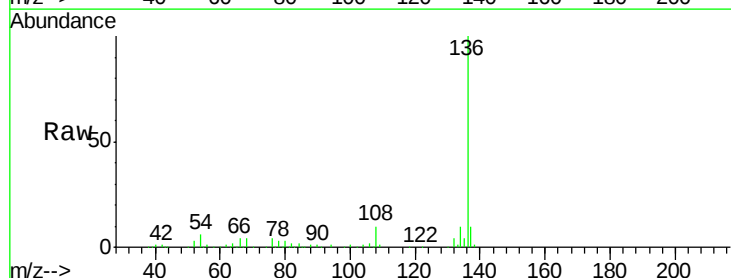
Ion Ratio Lower Upper

136 100

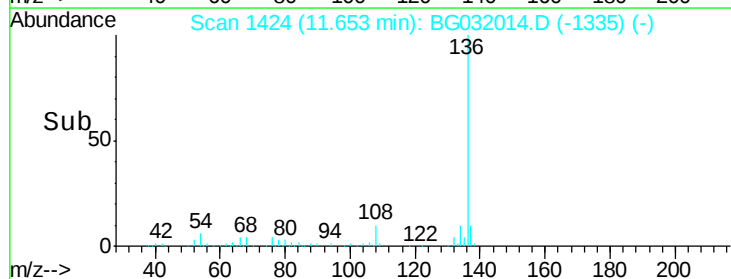
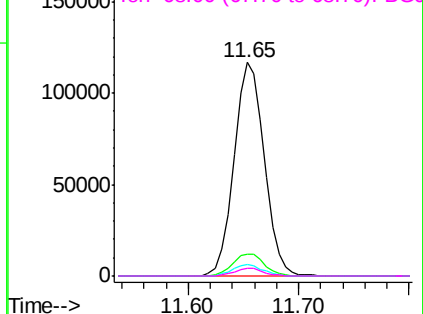
137 10.2 9.2 13.8

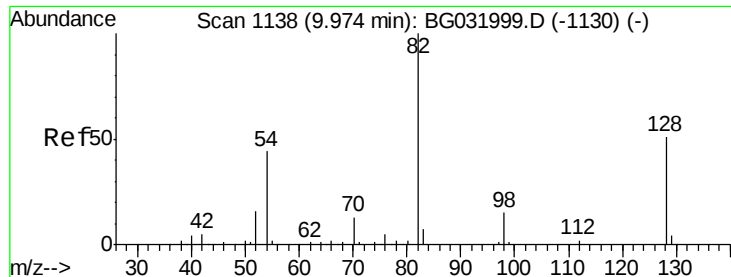
54 6.0 10.3 15.5#

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

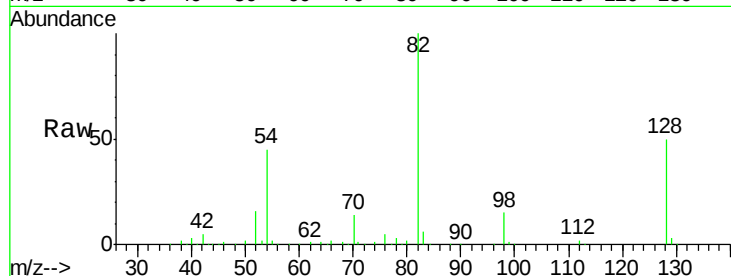




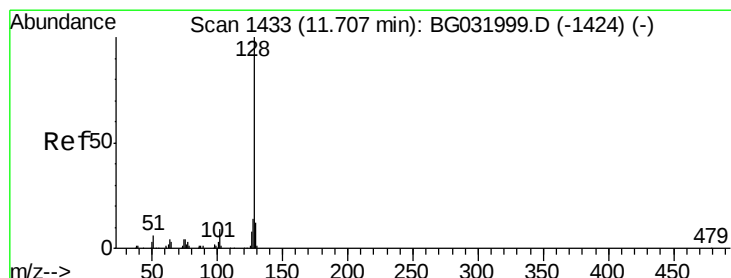
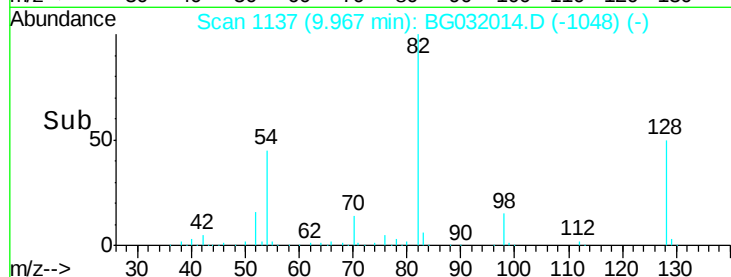
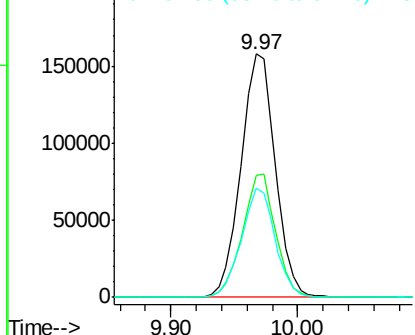
#23
 Nitrobenzene-d5
 Concen: 90.130 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032014.D
 Acq: 12 Jan 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-A

Tgt Ion: 82 Resp: 297525
 Ion Ratio Lower Upper
 82 100
 128 50.3 29.7 44.5#
 54 44.7 43.1 64.7

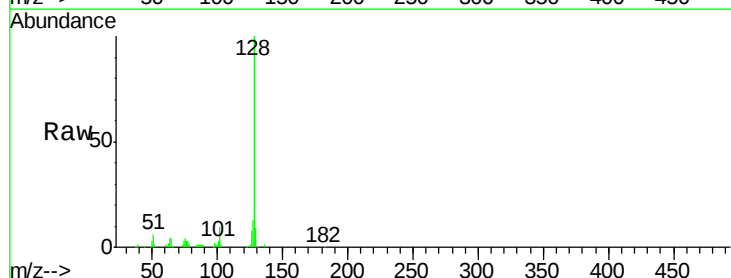


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

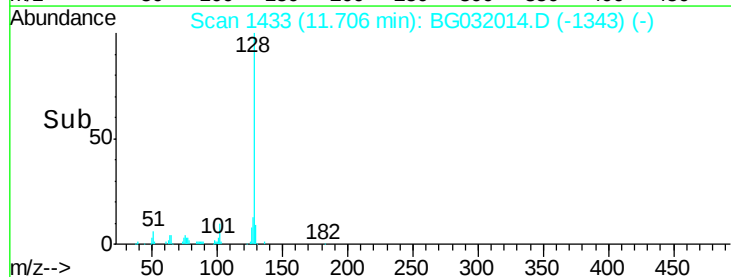
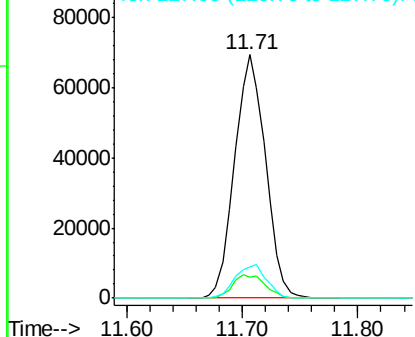


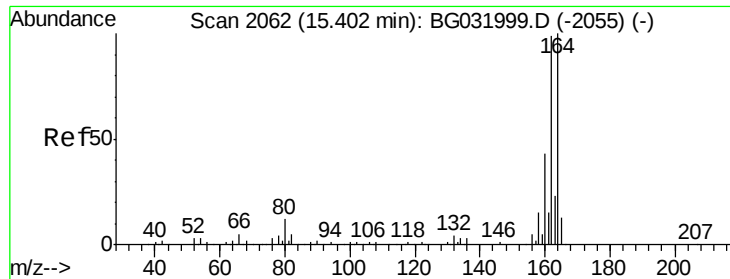
#31
 Naphthalene
 Concen: 11.651 ng
 RT: 11.71 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BG032014.D
 Acq: 12 Jan 2018 22:31

Tgt Ion: 128 Resp: 128898
 Ion Ratio Lower Upper
 128 100
 129 8.8 8.6 12.8
 127 13.1 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: BG032014.D

Acq: 12 Jan 2018 22:31

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-A

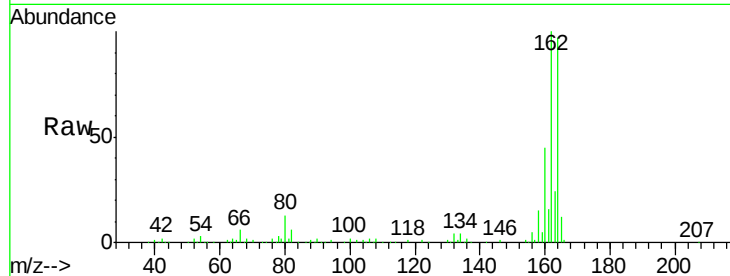
Tgt Ion:164 Resp: 148119

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

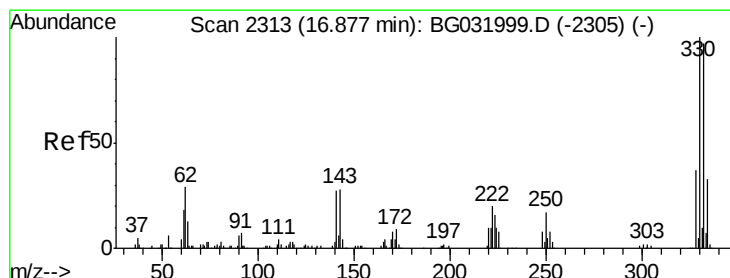
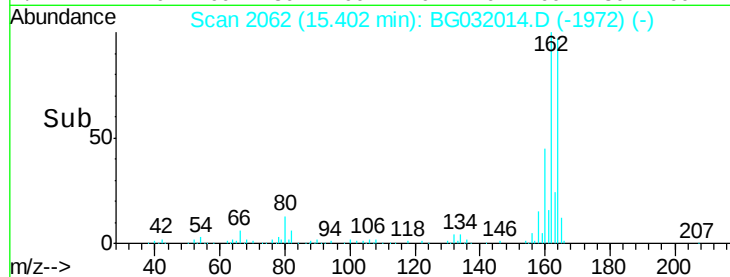
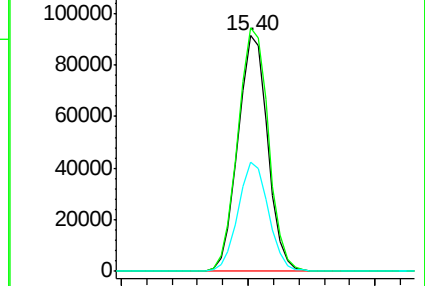
160 46.4 35.4 53.0



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: 140.132 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

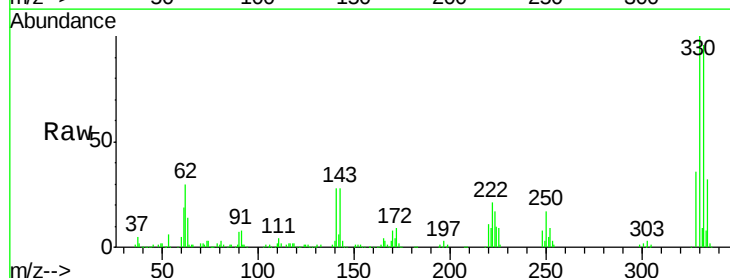
Tgt Ion:330 Resp: 343467

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

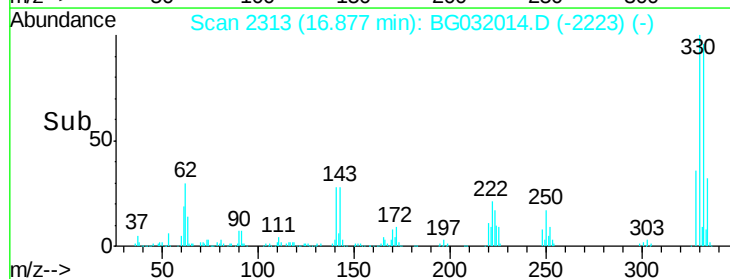
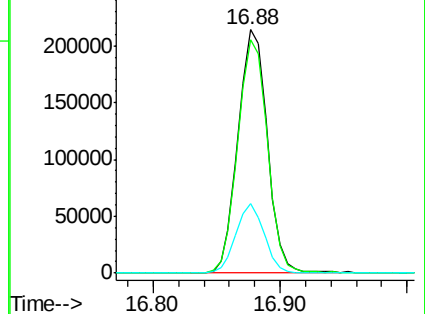
141 27.5 25.2 37.8

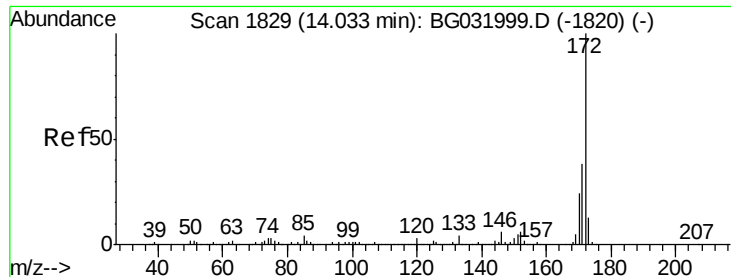


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

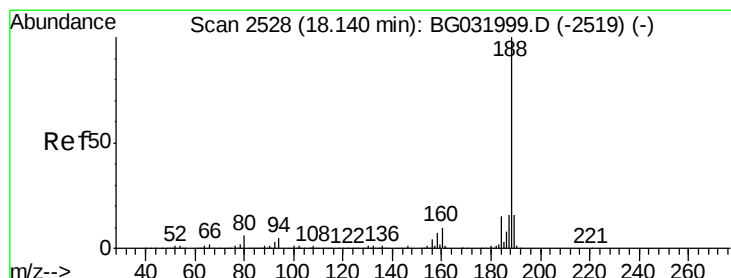
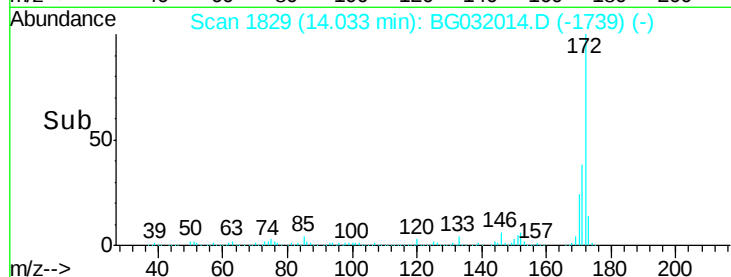
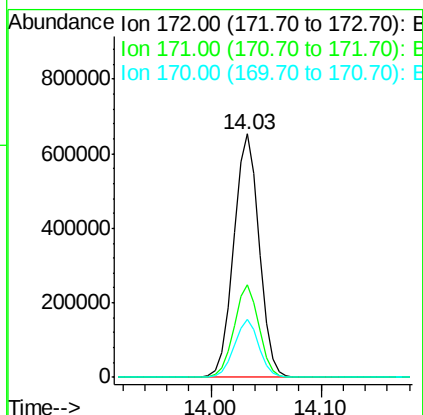
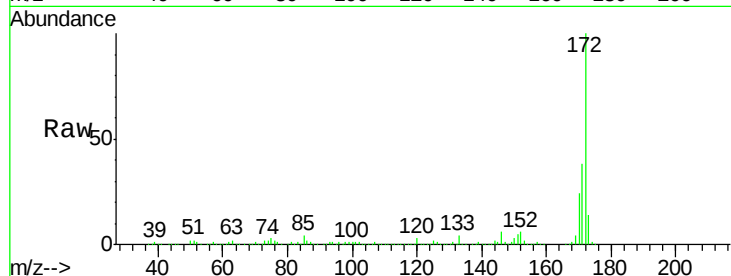




#44
 2-Fluorobiphenyl
 Concen: 88.346 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG032014.D
 Acq: 12 Jan 2018 22:31

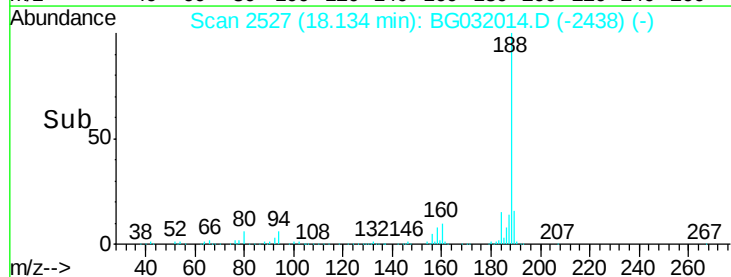
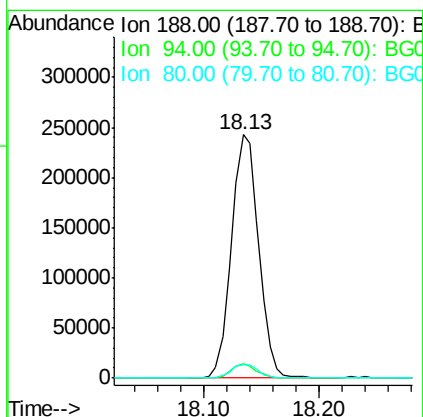
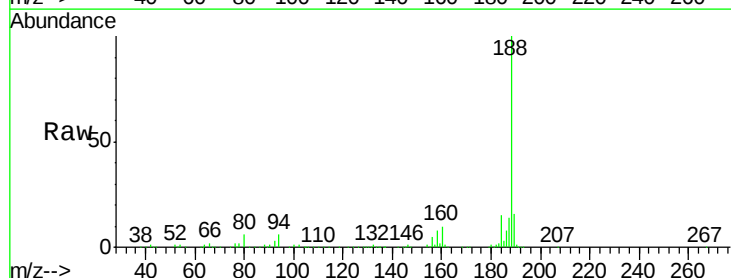
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-A

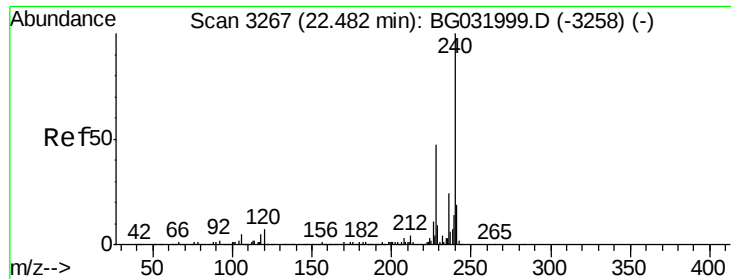
Tgt Ion:172 Resp: 1055342
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG032014.D
 Acq: 12 Jan 2018 22:31

Tgt Ion:188 Resp: 395487
 Ion Ratio Lower Upper
 188 100
 94 6.1 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. -0.01 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

Instrument :

BNA_G

ClientSampleId :

CL-02-011118-A

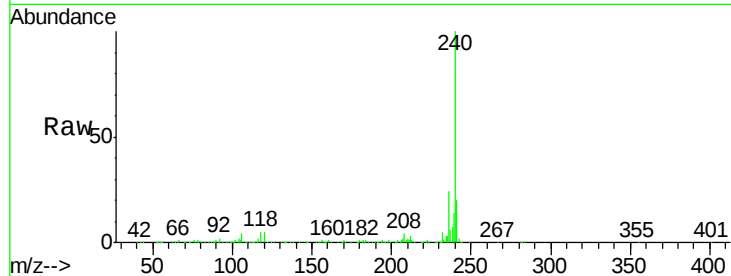
Tgt Ion:240 Resp: 467697

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

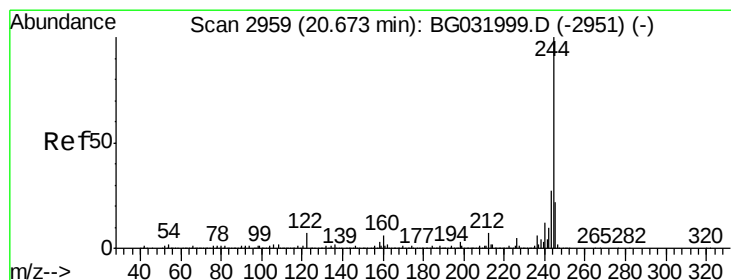
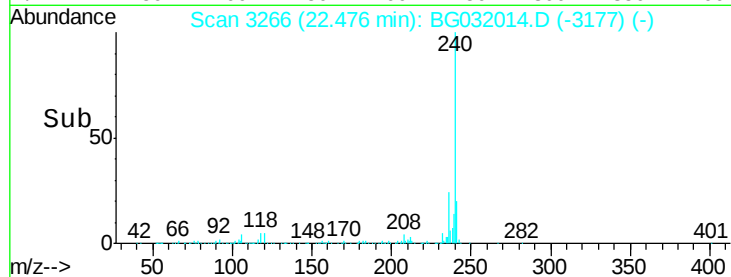
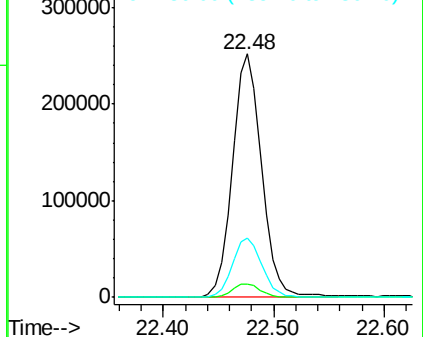
236 24.4 20.9 31.3



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: 92.507 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BG032014.D

Acq: 12 Jan 2018 22:31

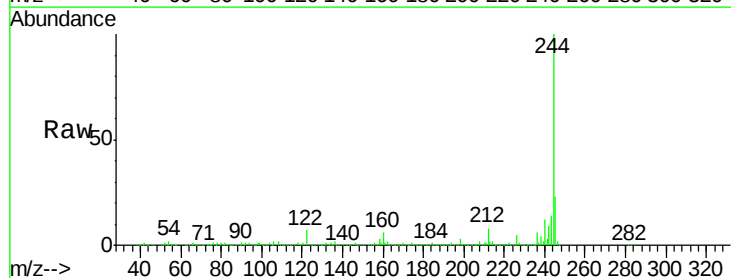
Tgt Ion:244 Resp: 1959441

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

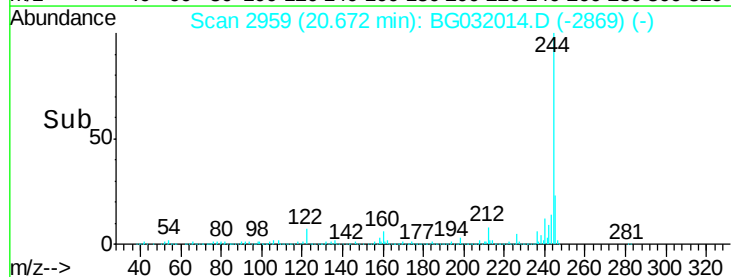
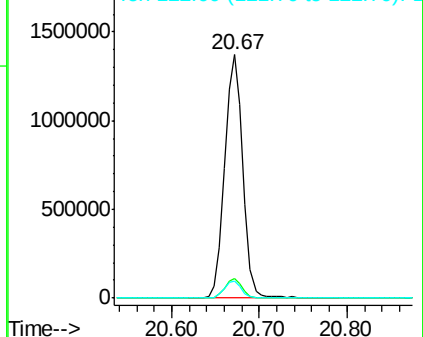
122 6.8 7.0 10.4#

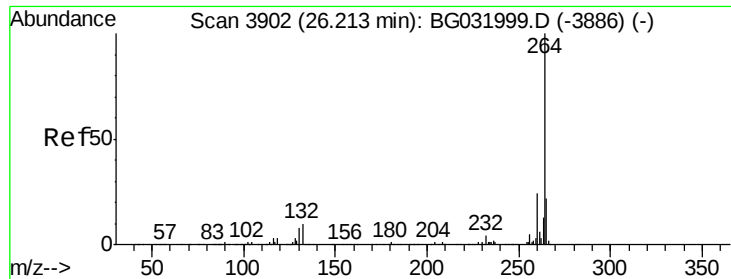


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

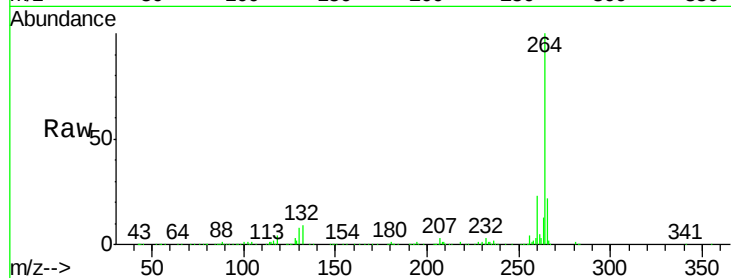




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BG032014.D
Acq: 12 Jan 2018 22:31

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.2	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

