

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031876.D
 Acq On : 2 Jan 2018 18:02
 Operator : SJ/JU
 Sample : I6680-26
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-C

Quant Time: Jan 03 00:21:48 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

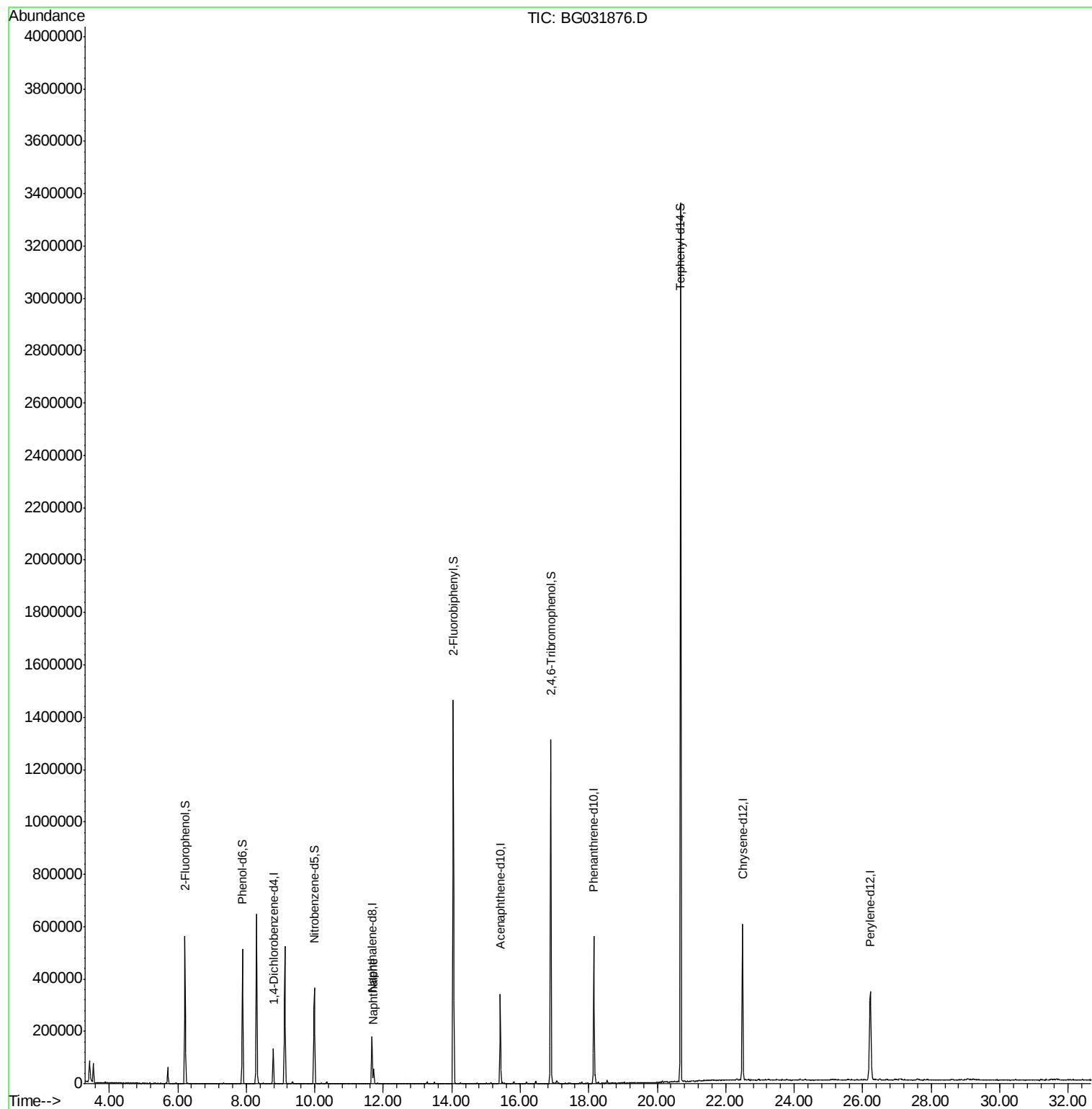
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44865	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	183251	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	128672	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	375641	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	438869	20.00	ng	-0.02
86) Perylene-d12	26.22	264	462570	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	313402	127.23	ng	0.00
7) Phenol-d6	7.89	99	359265	112.34	ng	0.00
23) Nitrobenzene-d5	9.99	82	241271	99.42	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	326352	166.22	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	870761	84.94	ng	0.00
78) Terphenyl-d14	20.68	244	1796341	93.51	ng	-0.01
Target Compounds						
31) Naphthalene	11.72	128	49354	5.337	ng	Qvalue 95

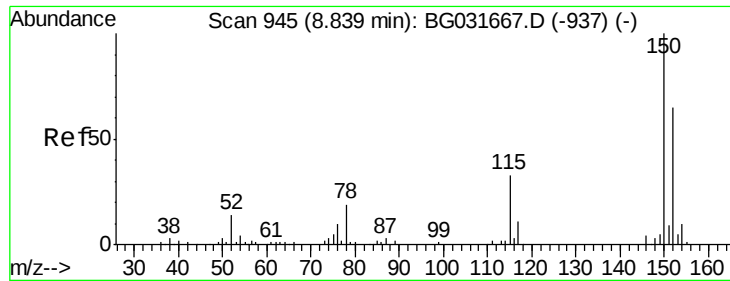
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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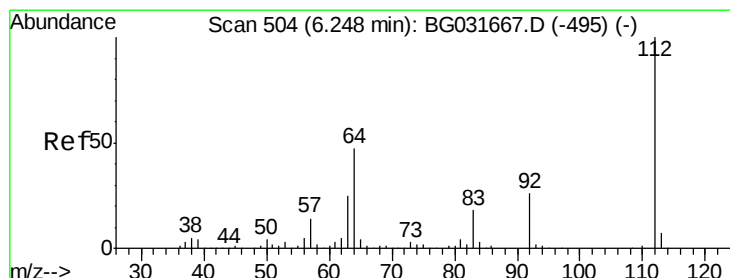
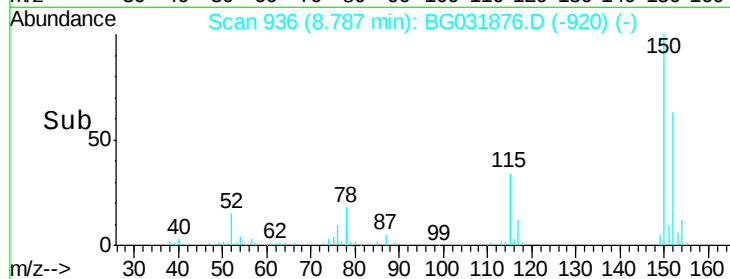
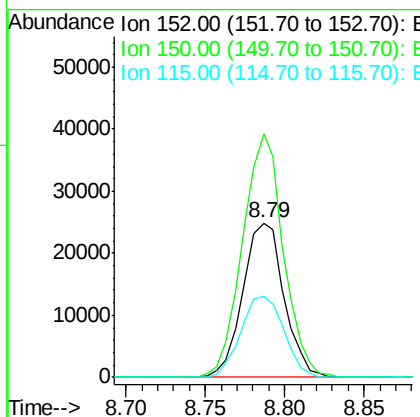
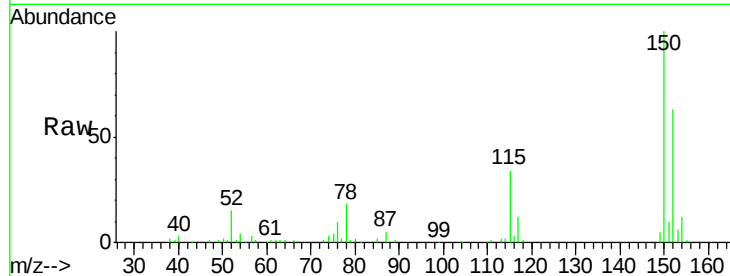




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

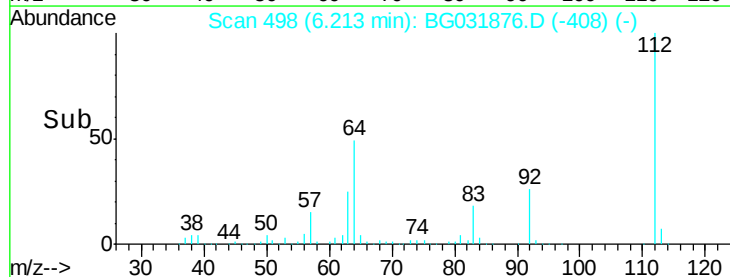
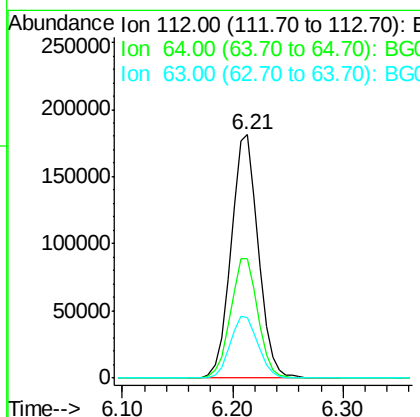
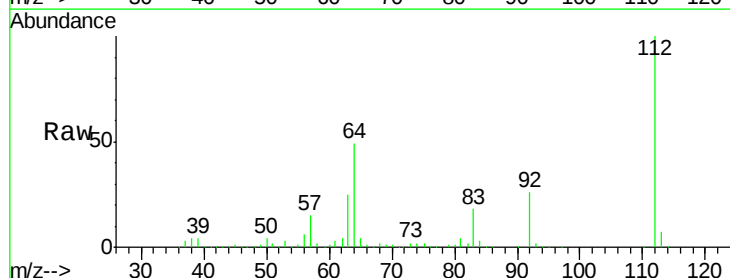
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-C

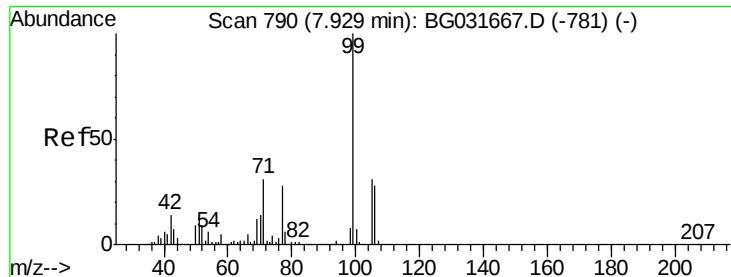
Tgt Ion:152 Resp: 44865
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.6 189.8
 115 53.0 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 127.232 ng
 RT: 6.21 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

Tgt Ion:112 Resp: 313402
 Ion Ratio Lower Upper
 112 100
 64 48.8 56.3 84.5#
 63 25.0 30.1 45.1#





#7

Phenol-d6

Concen: 112.337 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

CL-01-122917-C

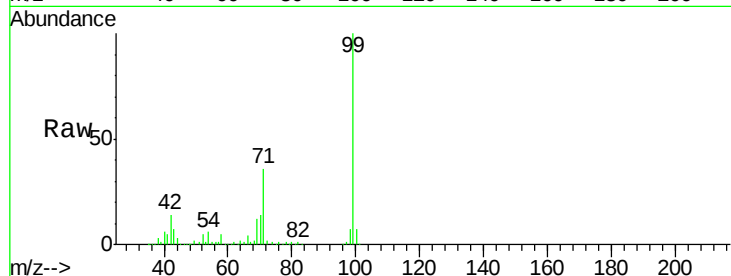
Tgt Ion: 99 Resp: 359265

Ion Ratio Lower Upper

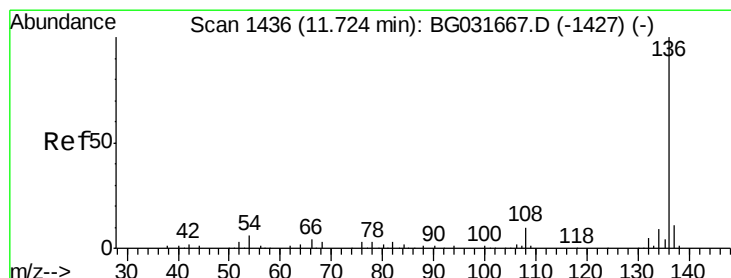
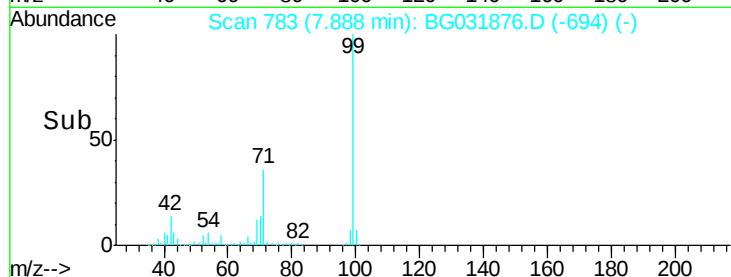
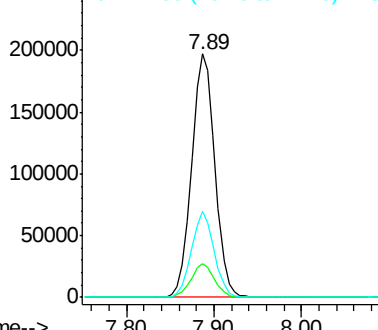
99 100

42 14.0 14.1 21.1#

71 35.6 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: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG031876.D

Acq: 2 Jan 2018 18:02

Tgt Ion: 136 Resp: 183251

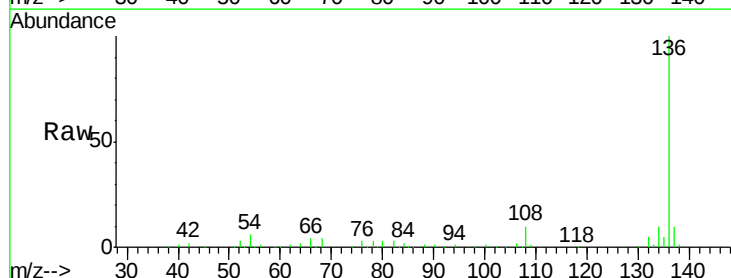
Ion Ratio Lower Upper

136 100

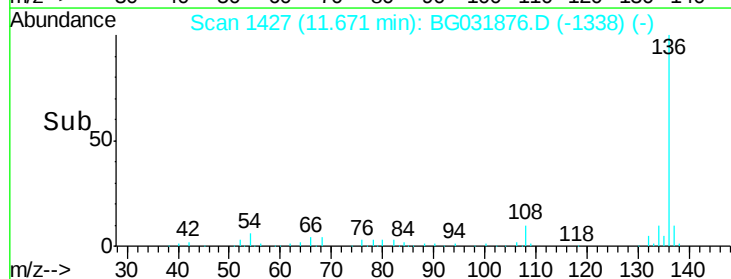
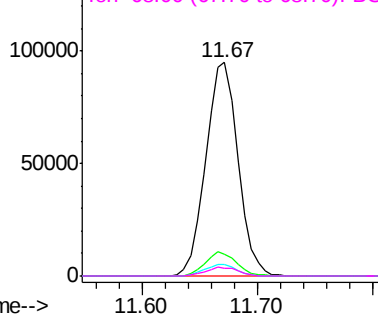
137 10.1 9.2 13.8

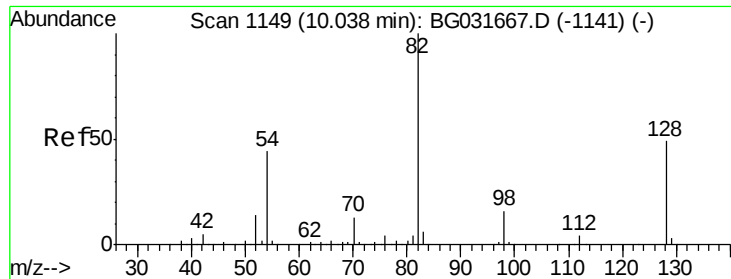
54 5.6 10.3 15.5#

68 3.7 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

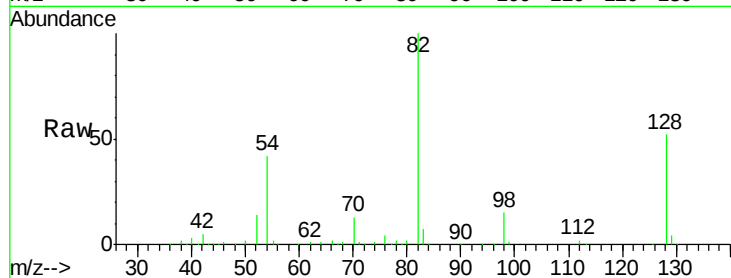




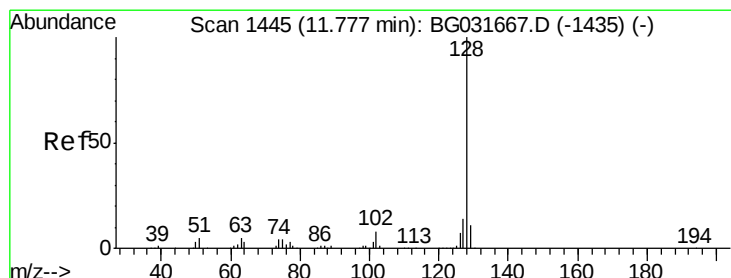
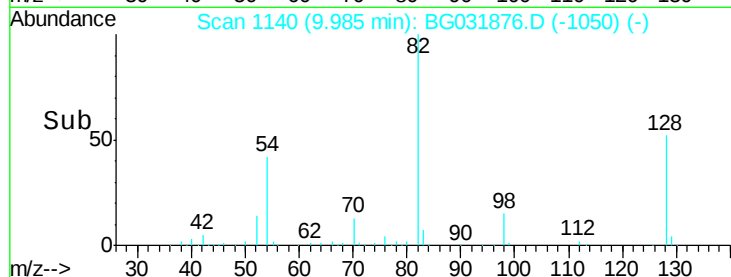
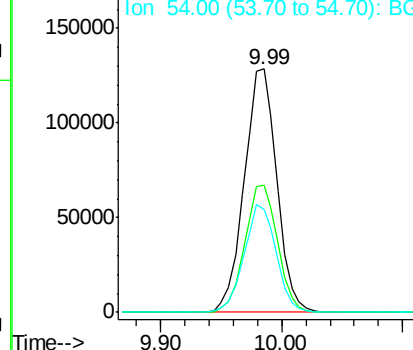
#23
Nitrobenzene-d5
Concen: 99.420 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CL-01-122917-C

Tgt Ion: 82 Resp: 241271
Ion Ratio Lower Upper
82 100
128 52.3 29.7 44.5#
54 42.2 43.1 64.7#

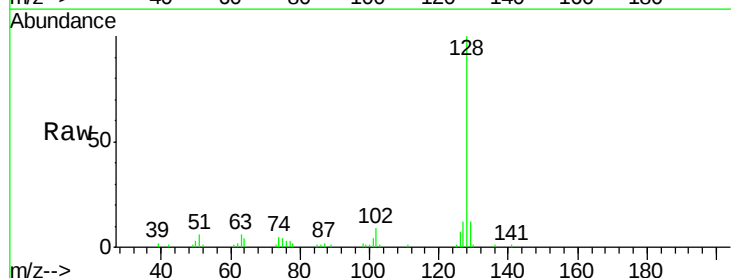


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

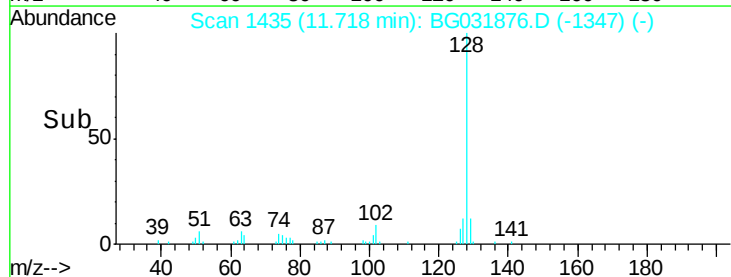
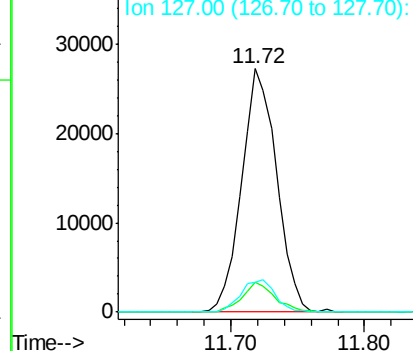


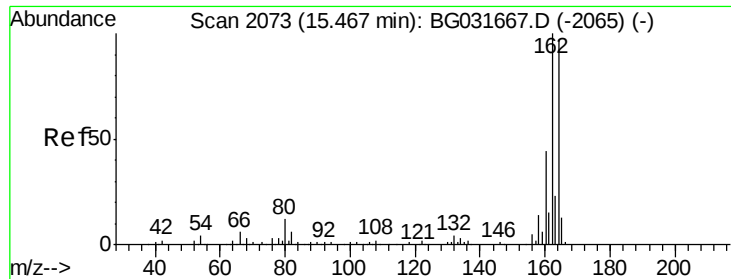
#31
Naphthalene
Concen: 5.337 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion: 128 Resp: 49354
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 12.5 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

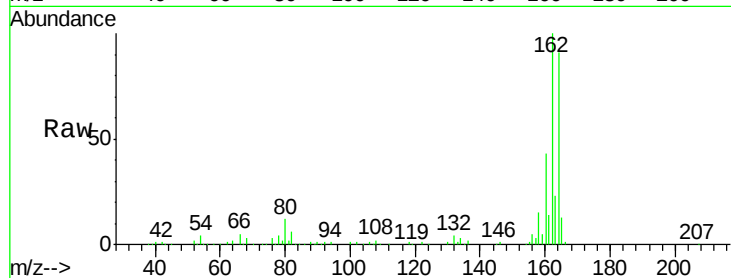




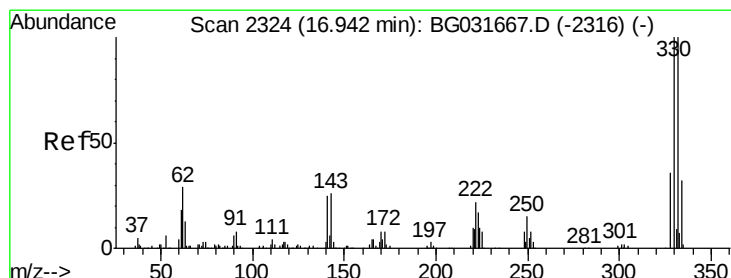
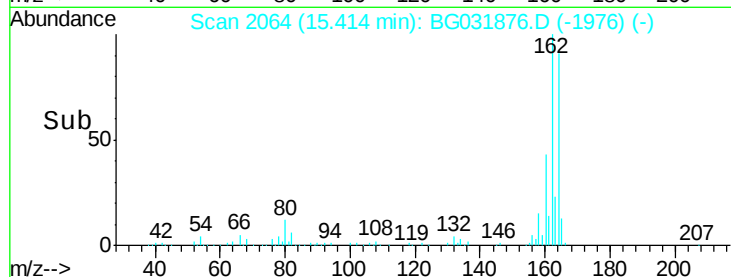
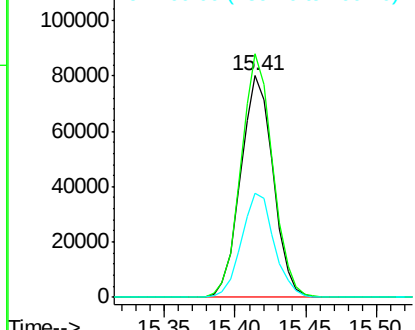
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :
CL-01-122917-C

Tgt Ion:164 Resp: 128672
Ion Ratio Lower Upper
164 100
162 109.8 78.8 118.2
160 46.8 35.4 53.0

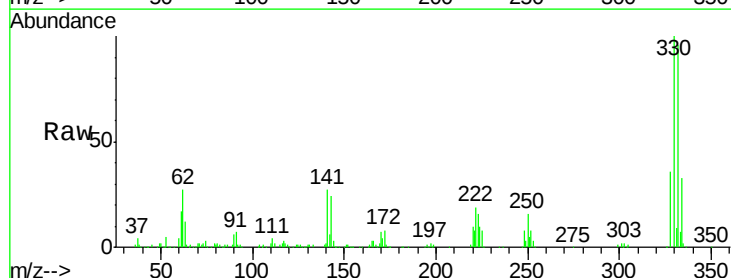


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

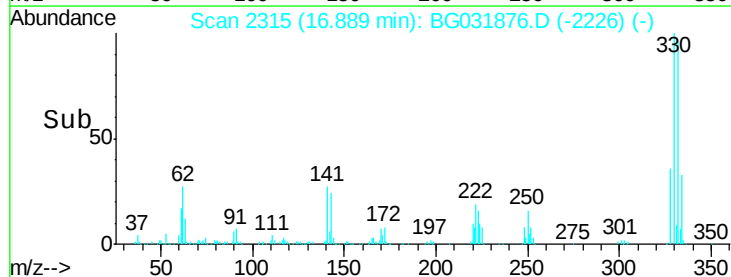
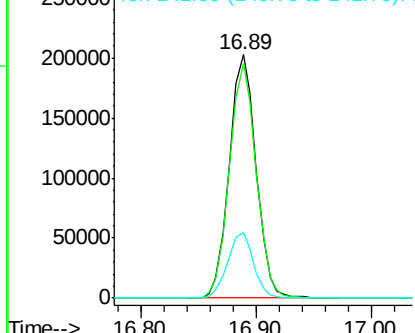


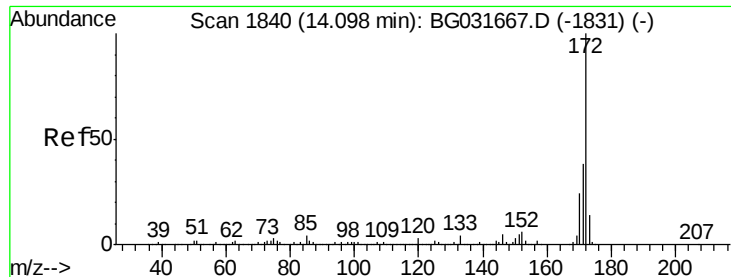
#41
2,4,6-Tribromophenol
Concen: 166.221 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:330 Resp: 326352
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 26.3 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

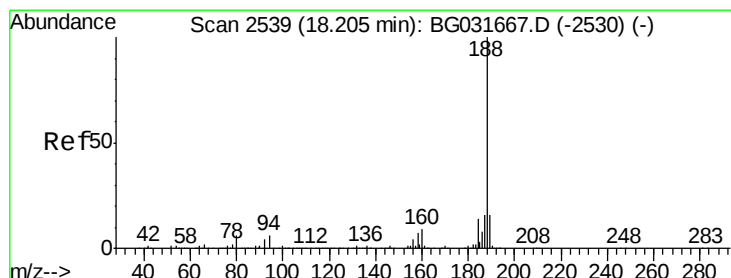
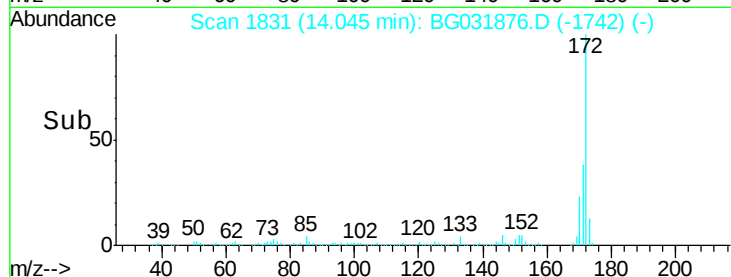
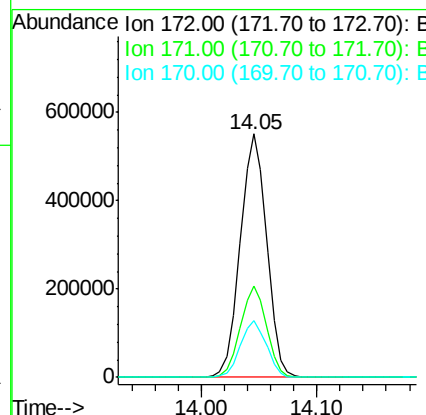
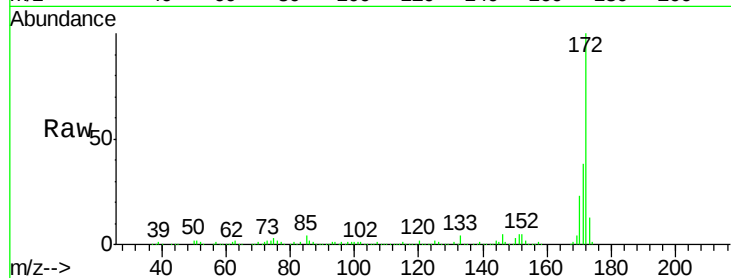




#44
 2-Fluorobiphenyl
 Concen: 84.939 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

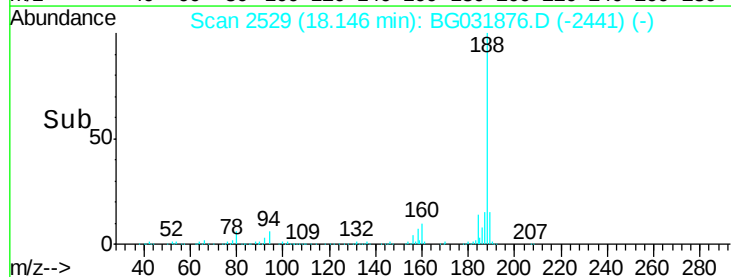
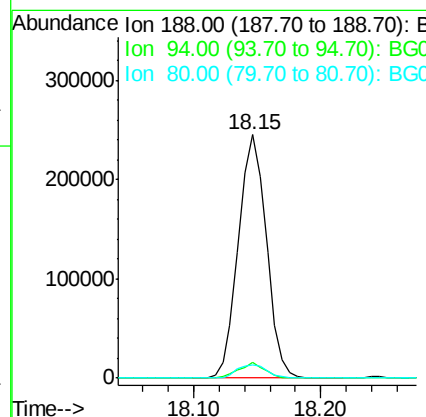
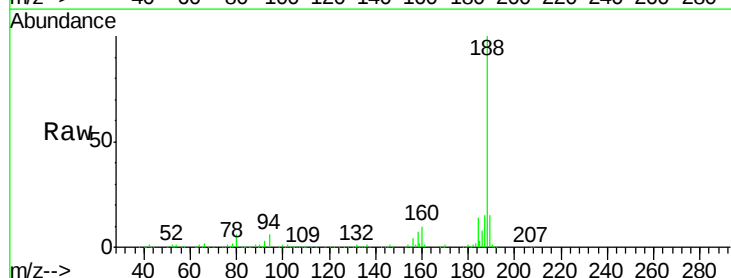
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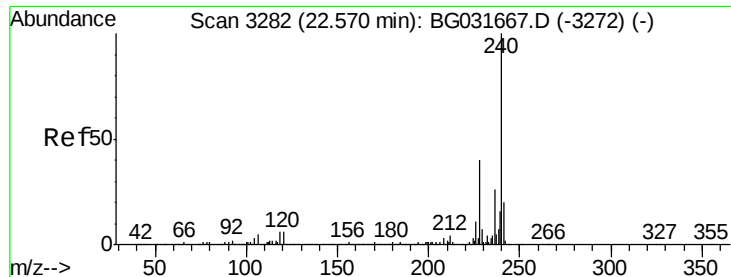
Tgt Ion:172 Resp: 870761
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031876.D
 Acq: 2 Jan 2018 18:02

Tgt Ion:188 Resp: 375641
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 5.5 7.7 11.5#

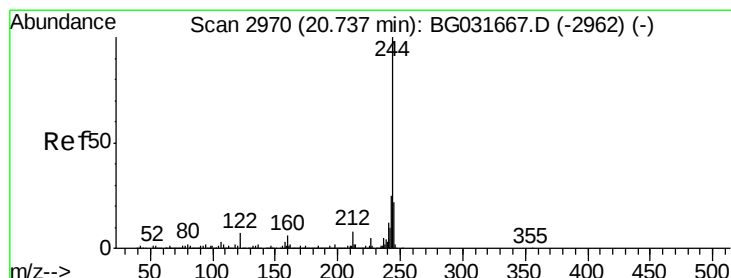
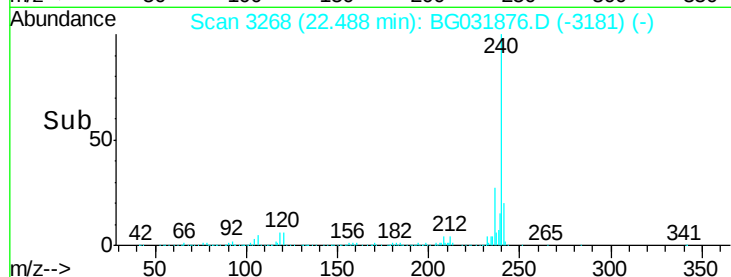
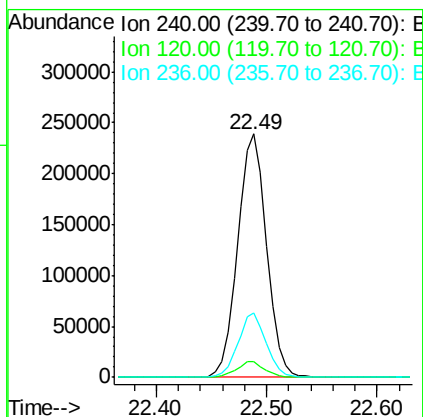
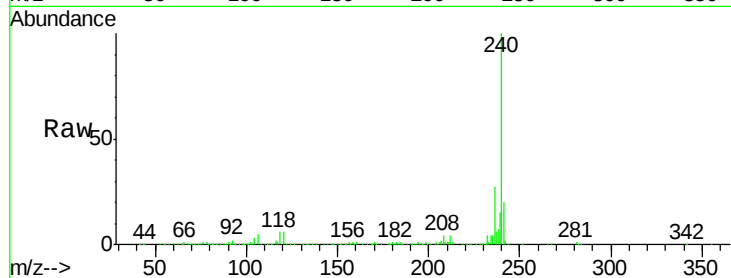




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

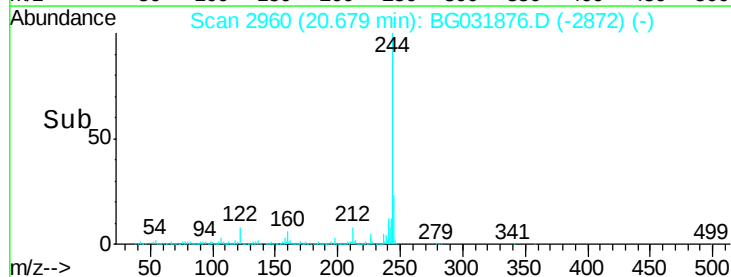
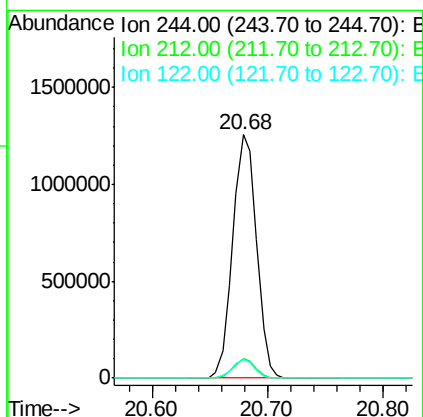
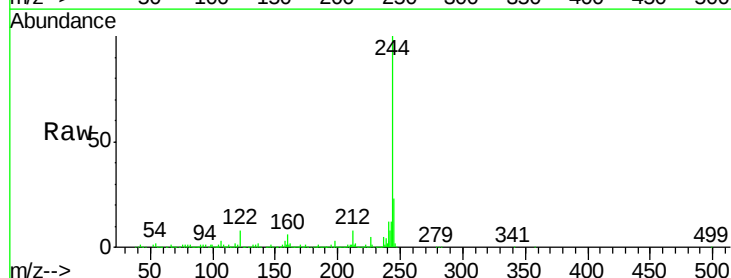
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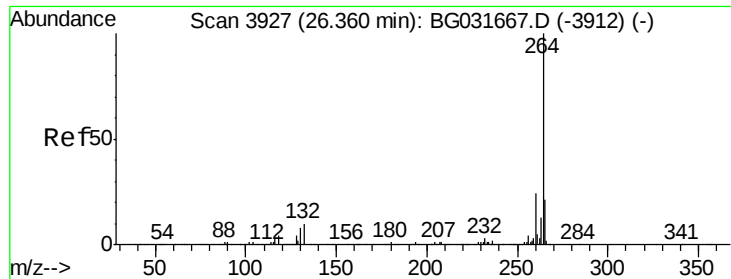
Tgt Ion:240 Resp: 438869
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 26.7 20.9 31.3



#78
Terphenyl-d14
Concen: 93.513 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Tgt Ion:244 Resp: 1796341
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 7.6 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.04 min
Lab File: BG031876.D
Acq: 2 Jan 2018 18:02

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.0	17.7	26.5

