

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031896.D
 Acq On : 3 Jan 2018 18:30
 Operator : SJ/JU
 Sample : I7105-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT1500

Quant Time: Jan 04 06:40:43 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

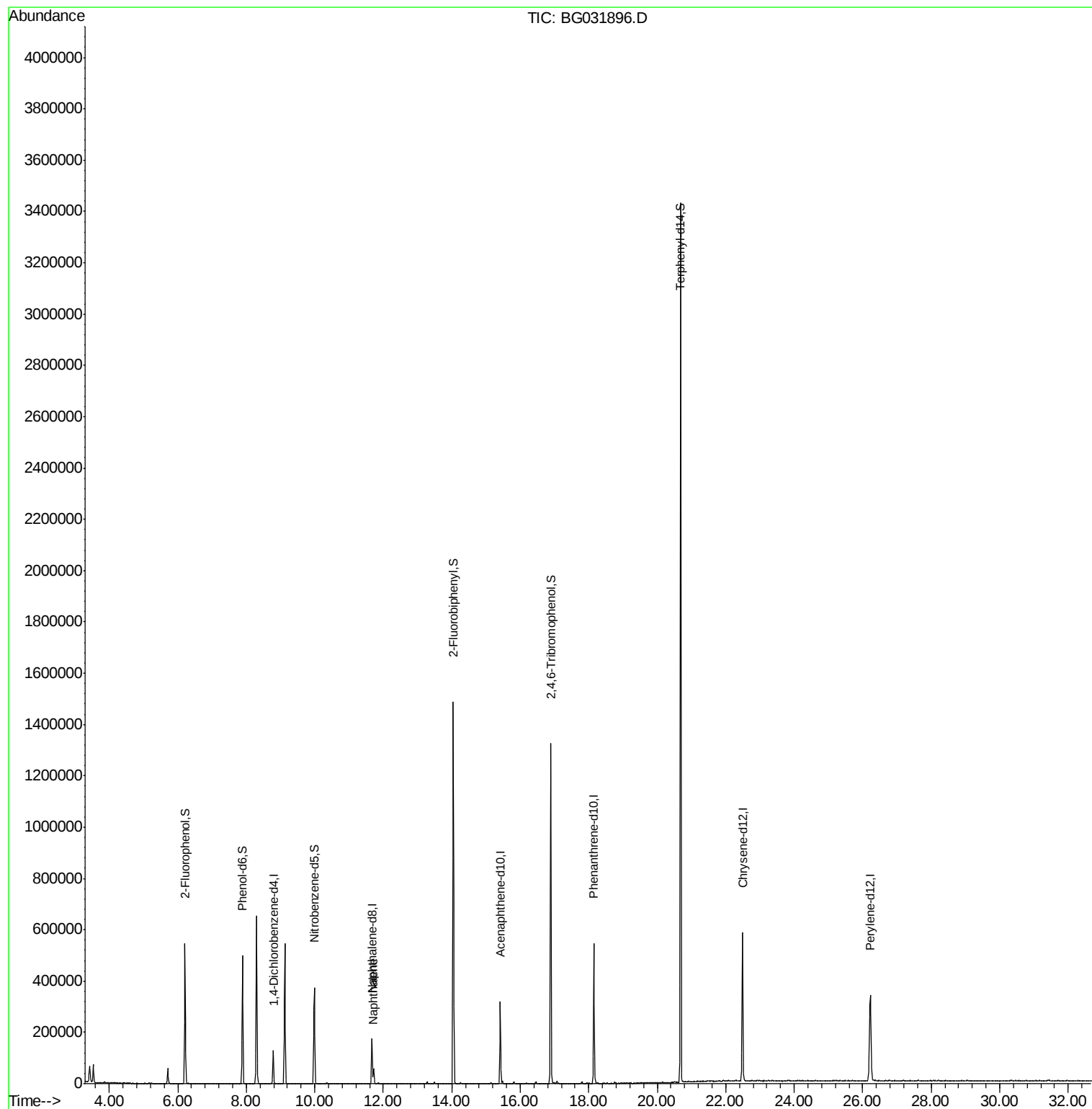
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	45358	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	181761	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	128536	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	368200	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	433404	20.00	ng	-0.02
86) Perylene-d12	26.22	264	449017	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	308340	123.82	ng	0.00
7) Phenol-d6	7.89	99	349261	108.02	ng	0.00
23) Nitrobenzene-d5	9.99	82	250937	104.25	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	330057	168.29	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	894886	87.38	ng	0.00
78) Terphenyl-d14	20.68	244	1837709	96.87	ng	-0.01
Target Compounds						
31) Naphthalene	11.72	128	56255	6.133	ng	Qvalue 97

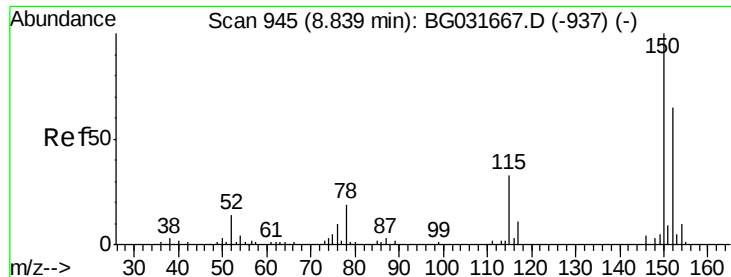
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

Instrument :

BNA_G

ClientSampleId :

RT1500

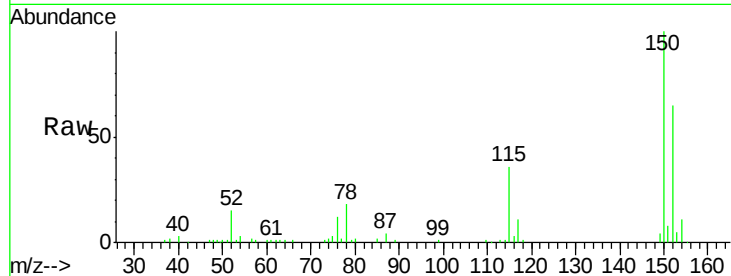
Tgt Ion:152 Resp: 45358

Ion Ratio Lower Upper

152 100

150 154.2 126.6 189.8

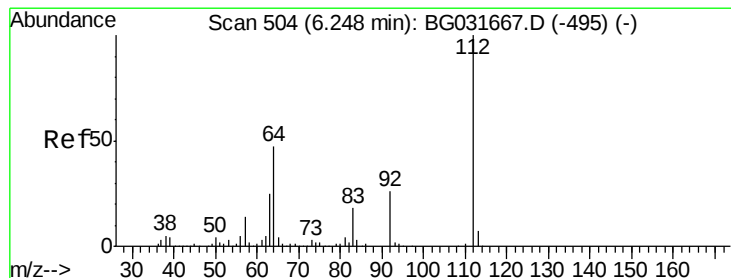
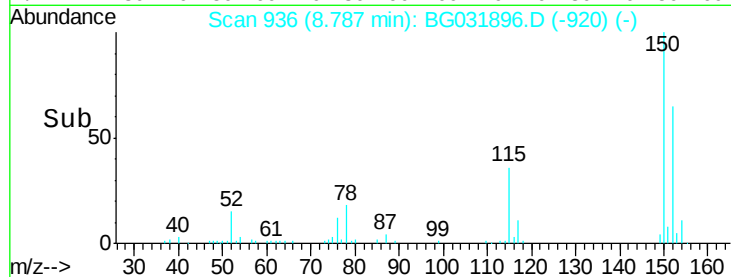
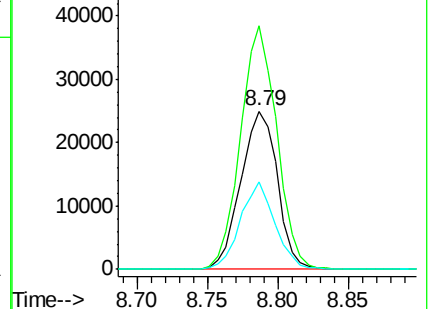
115 55.1 53.0 79.4



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: 123.816 ng

RT: 6.21 min Scan# 498

Delta R.T. -0.00 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

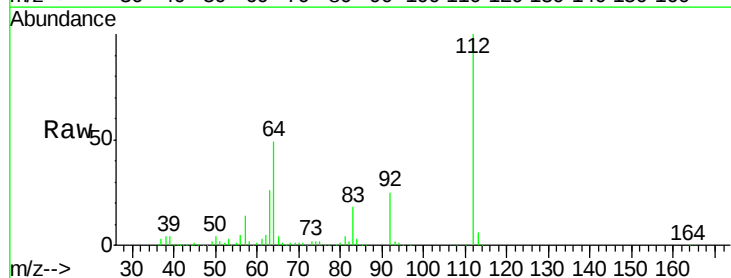
Tgt Ion:112 Resp: 308340

Ion Ratio Lower Upper

112 100

64 49.1 56.3 84.5#

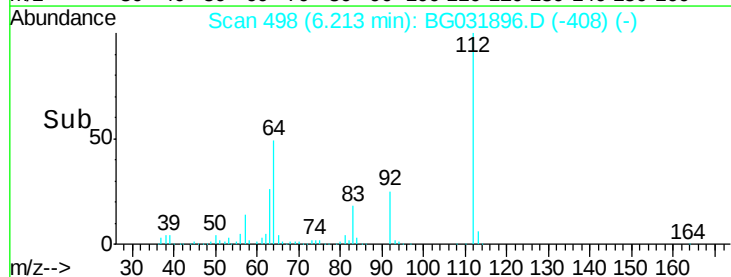
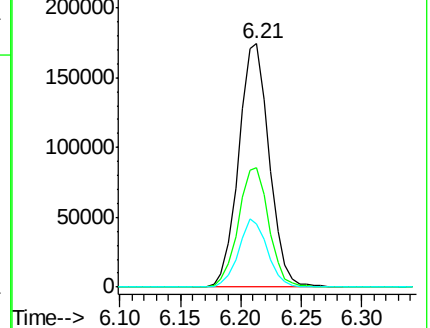
63 25.9 30.1 45.1#



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: 108.022 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

Instrument :

BNA_G

ClientSampleId :

RT1500

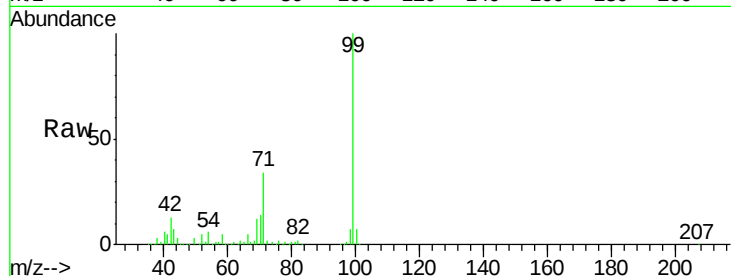
Tgt Ion: 99 Resp: 349261

Ion Ratio Lower Upper

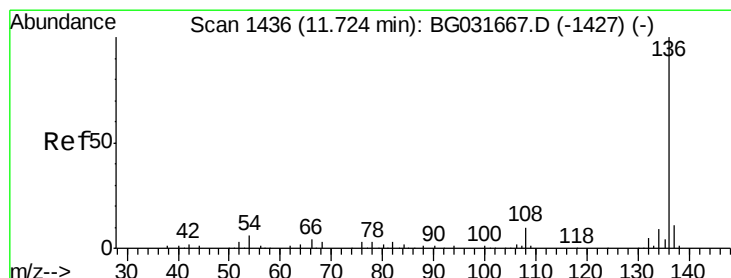
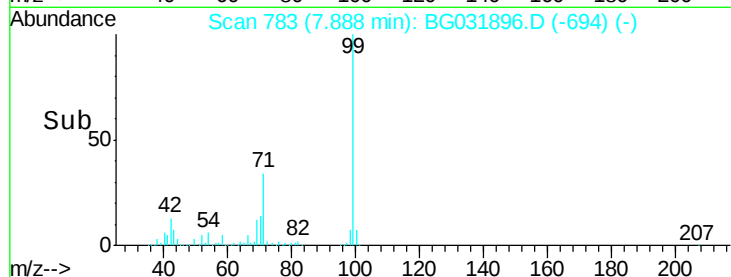
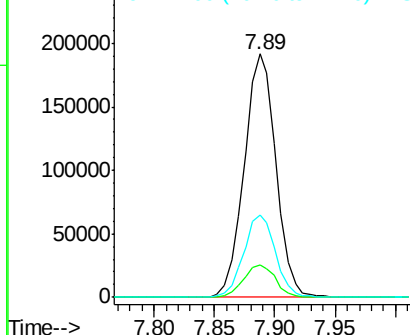
99 100

42 13.1 14.1 21.1#

71 34.0 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: BG031896.D

Acq: 3 Jan 2018 18:30

Tgt Ion: 136 Resp: 181761

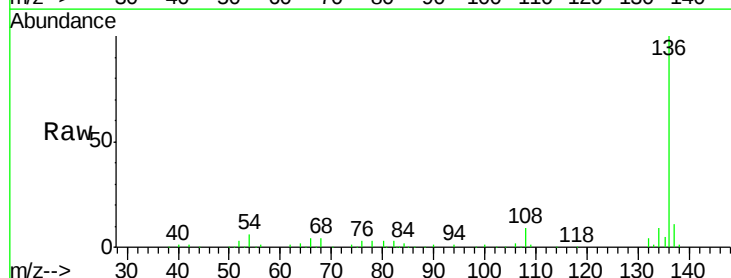
Ion Ratio Lower Upper

136 100

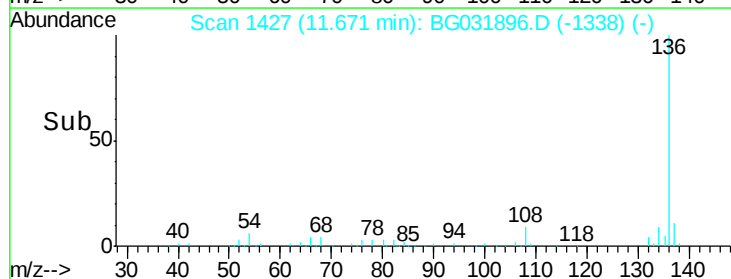
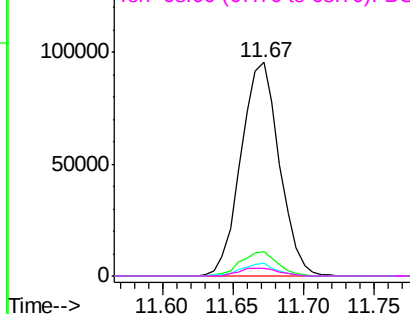
137 11.1 9.2 13.8

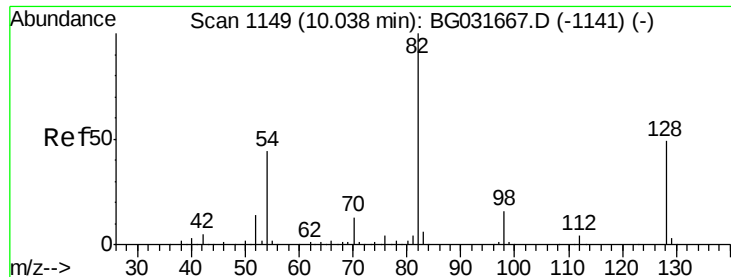
54 5.9 10.3 15.5#

68 3.5 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

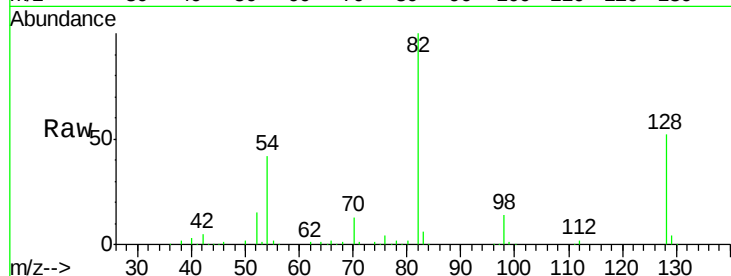




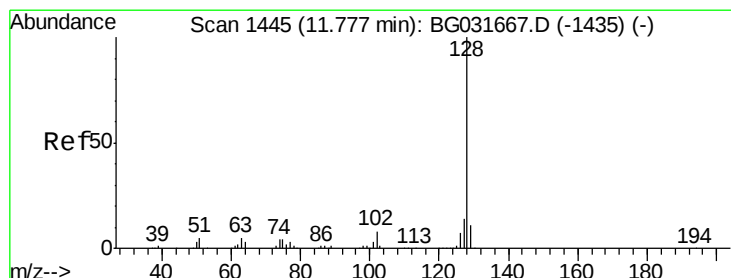
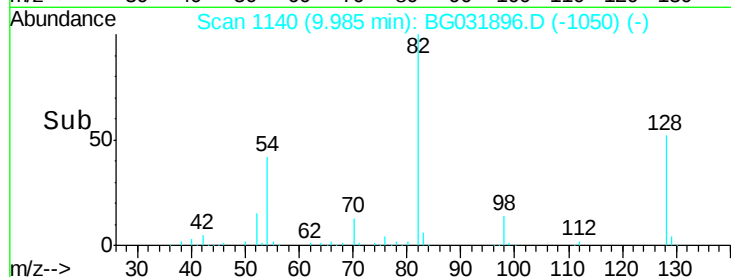
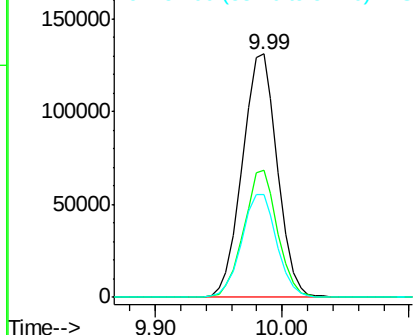
#23
Nitrobenzene-d5
Concen: 104.251 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Instrument :
BNA_G
ClientSampled :
RT1500

Tgt Ion: 82 Resp: 250937
Ion Ratio Lower Upper
82 100
128 52.5 29.7 44.5#
54 42.1 43.1 64.7#

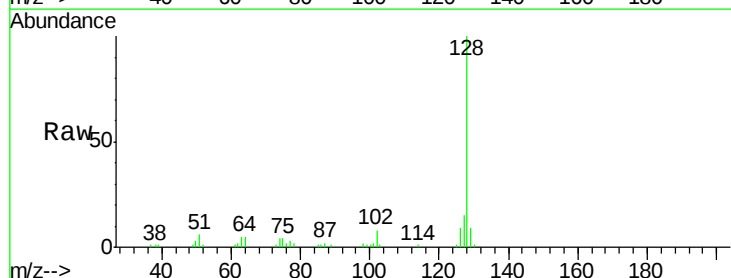


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

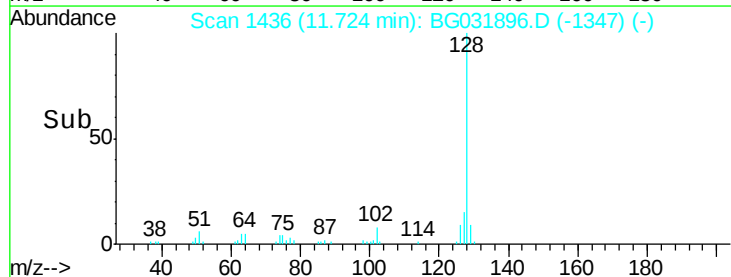
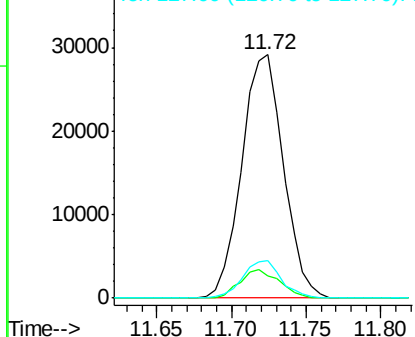


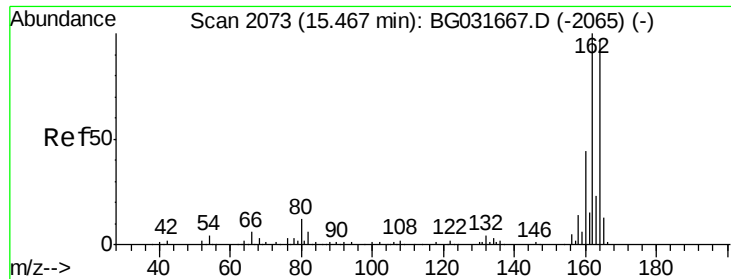
#31
Naphthalene
Concen: 6.133 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion: 128 Resp: 56255
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 15.2 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: BG031896.D

Acq: 3 Jan 2018 18:30

Instrument :

BNA_G

ClientSampleId :

RT1500

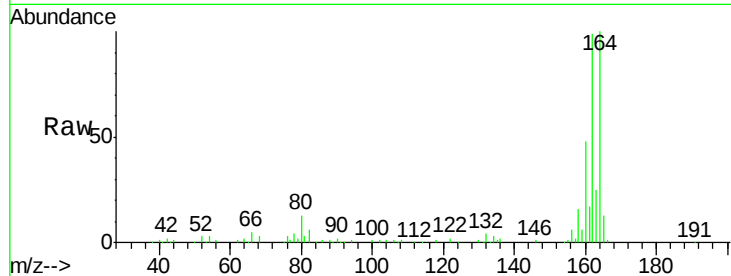
Tgt Ion:164 Resp: 128536

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

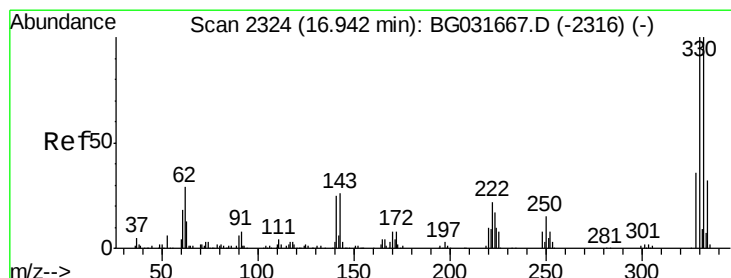
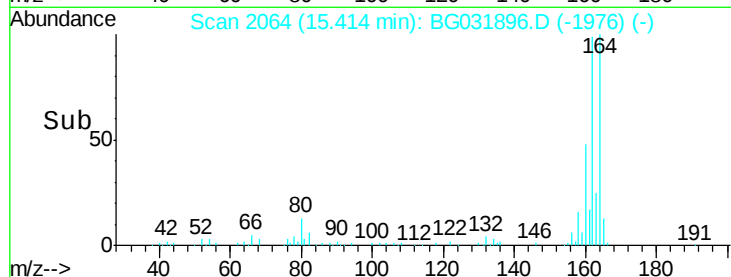
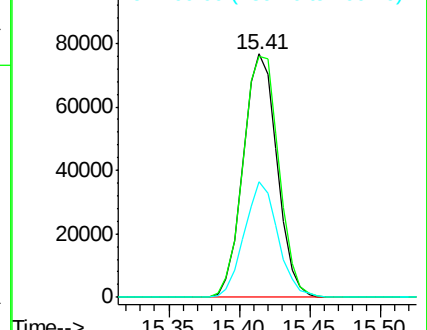
160 47.5 35.4 53.0



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: 168.286 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031896.D

Acq: 3 Jan 2018 18:30

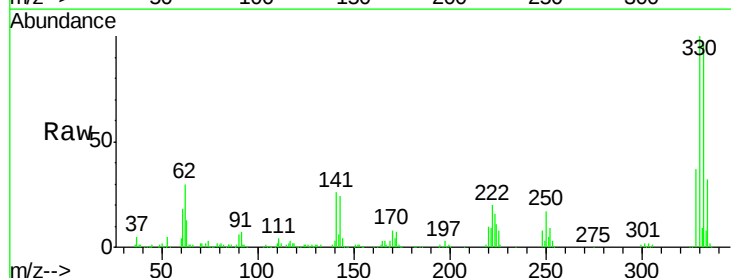
Tgt Ion:330 Resp: 330057

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

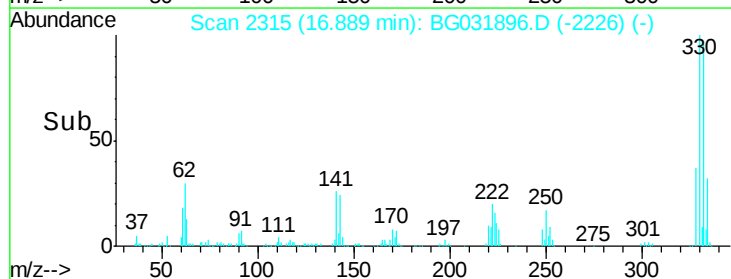
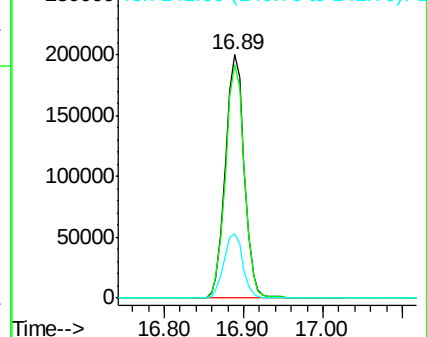
141 26.6 25.2 37.8

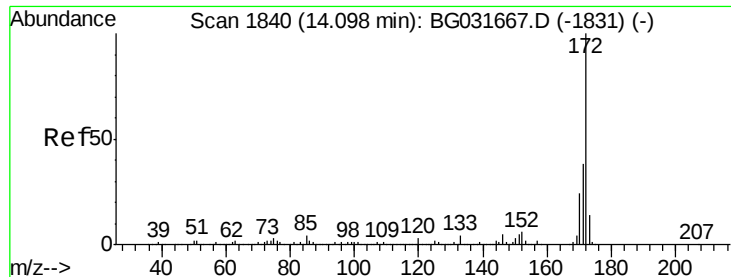


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

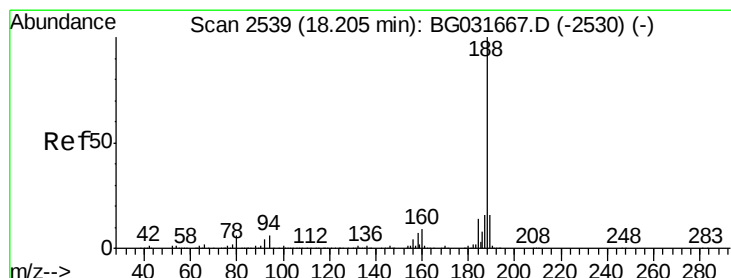
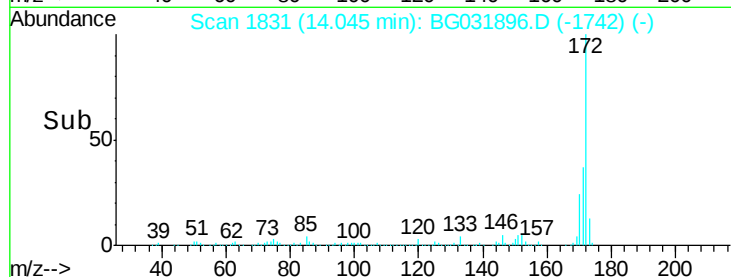
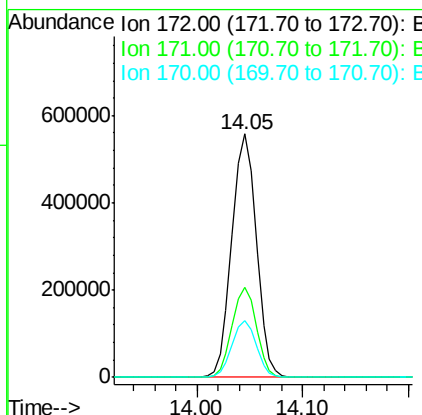
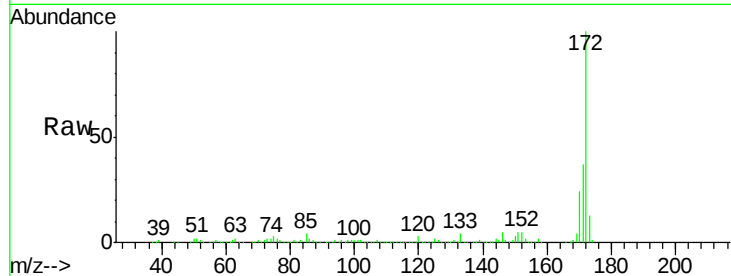




#44
 2-Fluorobiphenyl
 Concen: 87.384 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

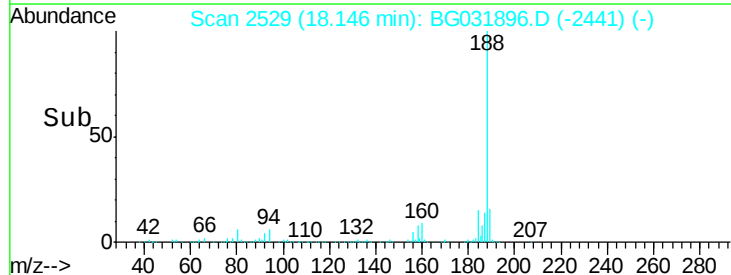
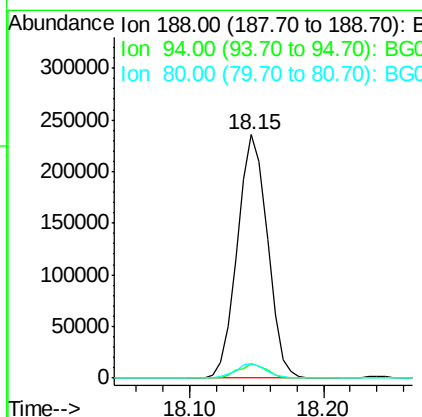
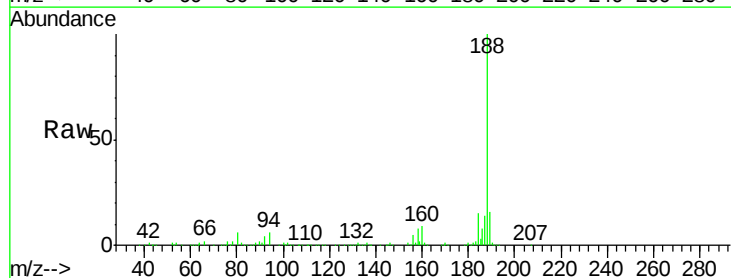
Instrument :
 BNA_G
 ClientSampleId :
 RT1500

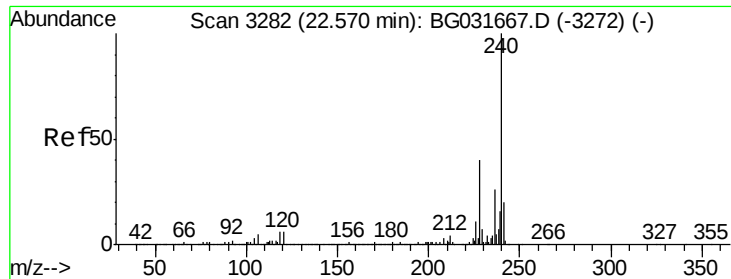
Tgt Ion:172 Resp: 894886
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031896.D
 Acq: 3 Jan 2018 18:30

Tgt Ion:188 Resp: 368200
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 6.0 7.7 11.5#

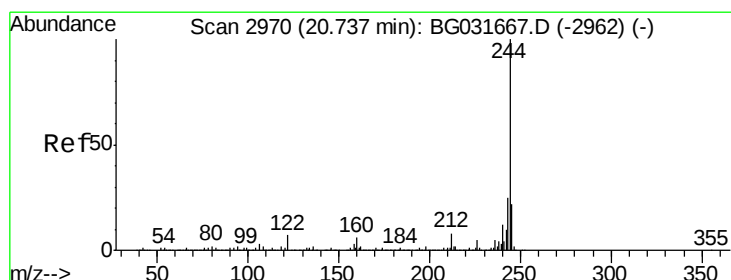
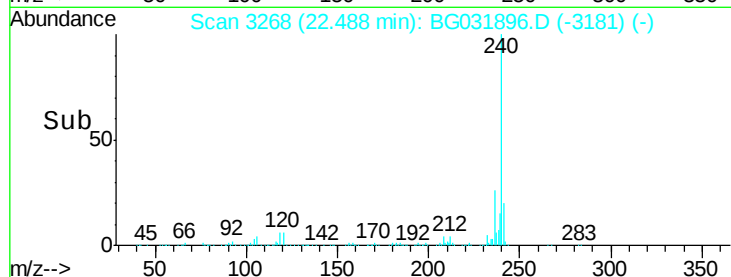
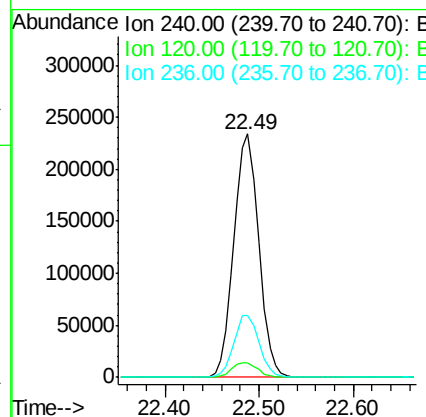
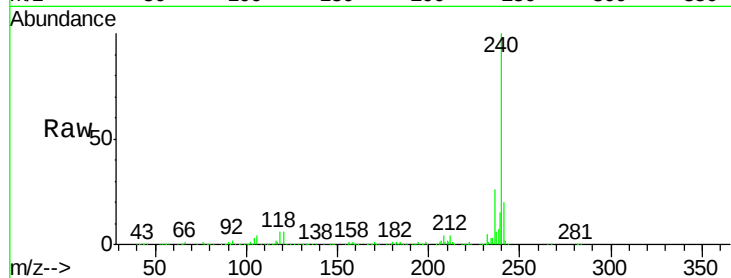




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

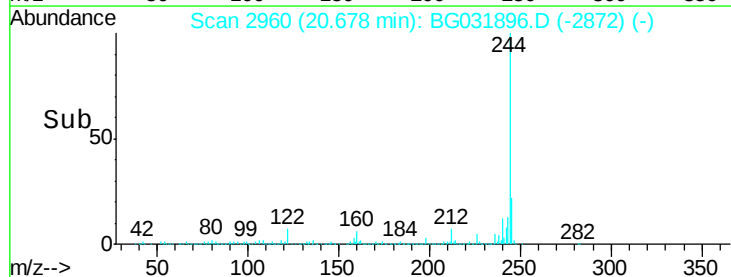
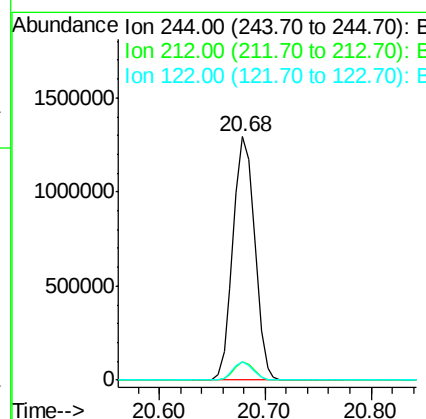
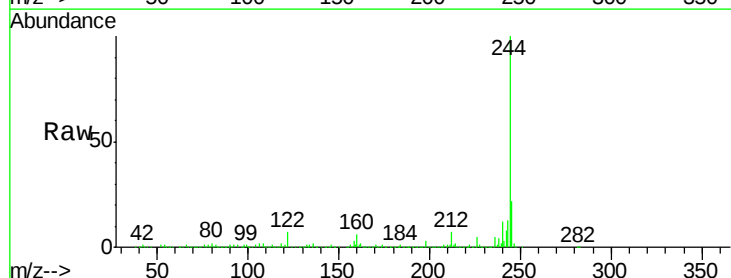
Instrument :
BNA_G
ClientSampleId :
RT1500

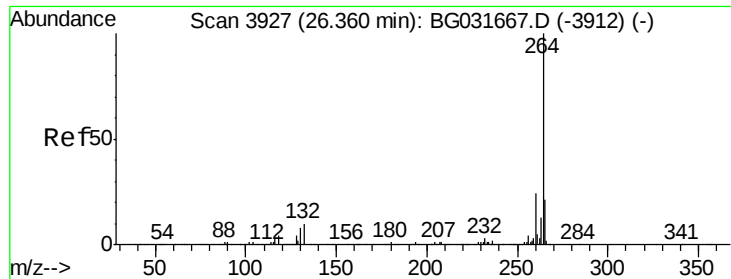
Tgt Ion:240 Resp: 433404
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.6 20.9 31.3



#78
Terphenyl-d14
Concen: 96.873 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031896.D
Acq: 3 Jan 2018 18:30

Tgt Ion:244 Resp: 1837709
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 7.3 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: BG031896.D
Acq: 3 Jan 2018 18:30

Instrument :
BNA_G
ClientSampleId :
RT1500

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.3	17.7	26.5

