

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032096.D
 Acq On : 17 Jan 2018 7:57
 Operator : SJ/JU
 Sample : J1019-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-A

Quant Time: Jan 17 10:47:07 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

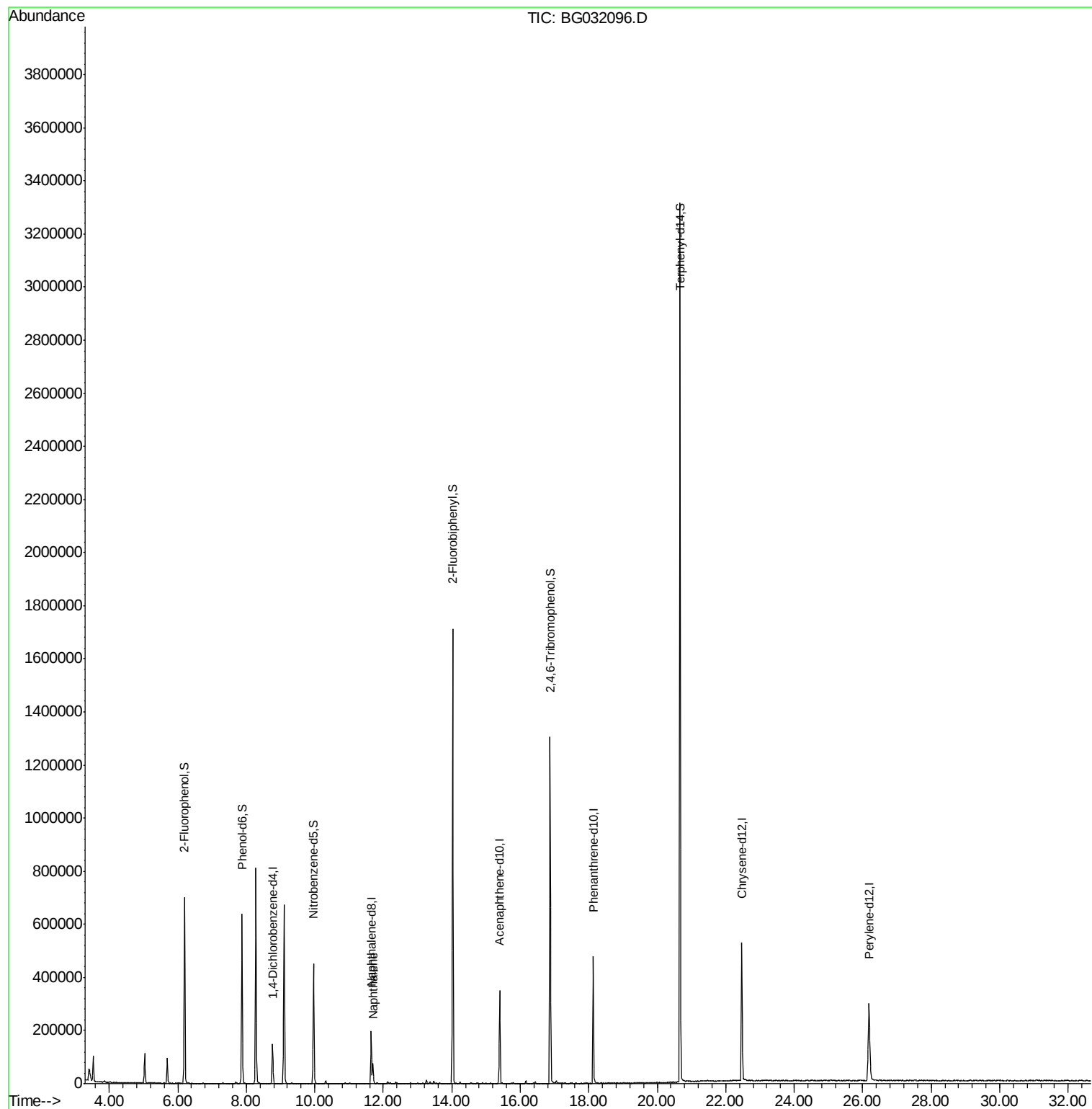
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	50674	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	195689	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	128537	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	333402	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	404068	20.00	ng	-0.02
86) Perylene-d12	26.18	264	407351	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	361919	130.62	ng	0.00
7) Phenol-d6	7.88	99	415262	119.00	ng	0.00
23) Nitrobenzene-d5	9.96	82	295128	102.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	297803	140.01	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1004537	96.90	ng	0.00
78) Terphenyl-d14	20.66	244	1859360	101.61	ng	-0.01
Target Compounds						
31) Naphthalene	11.70	128	71058	7.330	ng	Qvalue 99

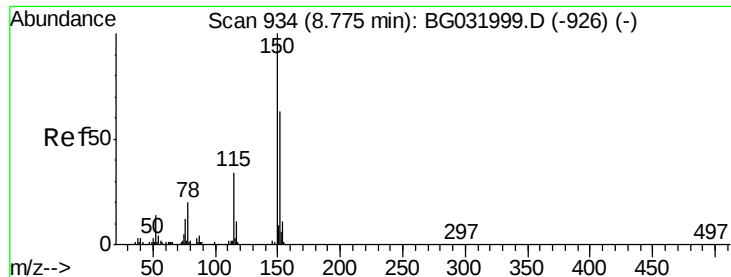
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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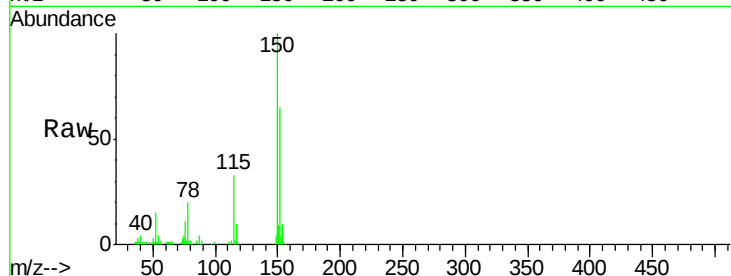


#1

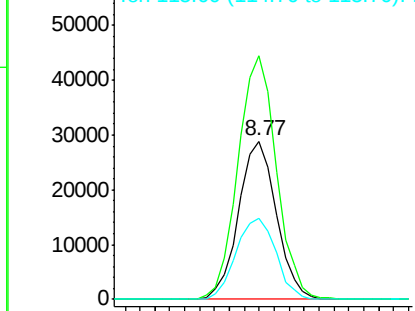
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-A

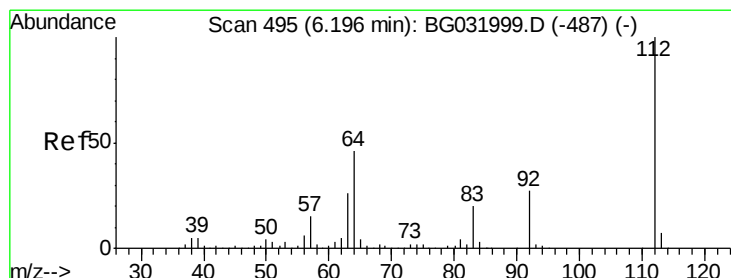
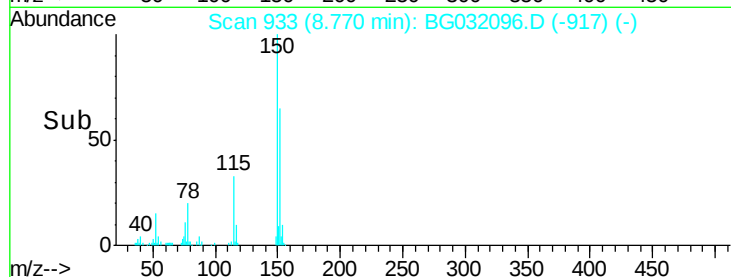
Tgt Ion:152 Resp: 50674
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.6 189.8
 115 51.6 53.0 79.4#



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



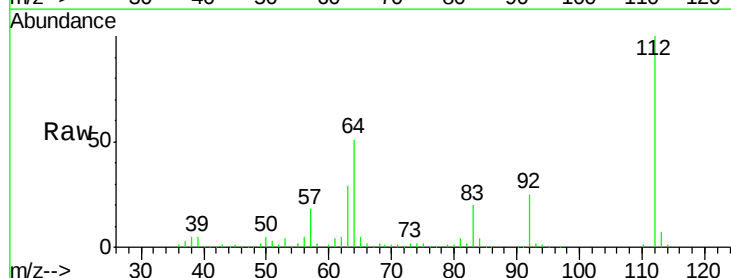
Time-->



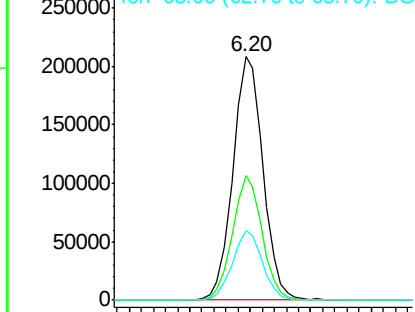
#5

2-Fluorophenol
 Concen: 130.624 ng
 RT: 6.20 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

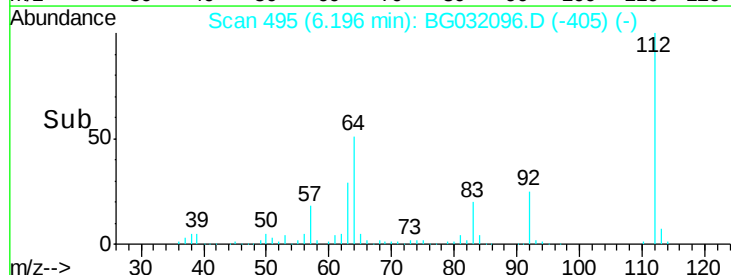
Tgt Ion:112 Resp: 361919
 Ion Ratio Lower Upper
 112 100
 64 51.0 56.3 84.5#
 63 28.8 30.1 45.1#

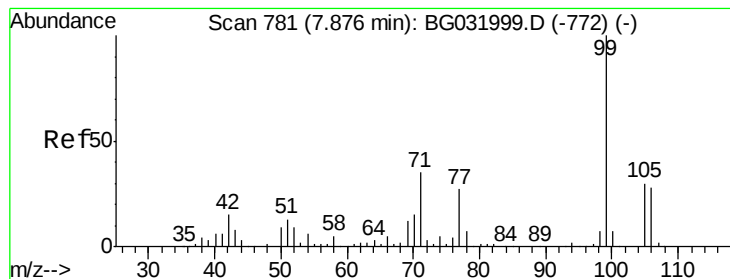


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 119.003 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-A

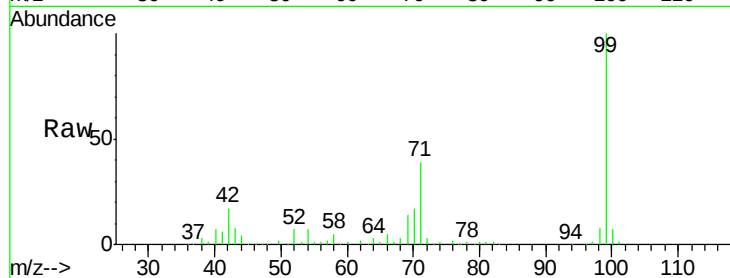
Tgt Ion: 99 Resp: 415262

Ion Ratio Lower Upper

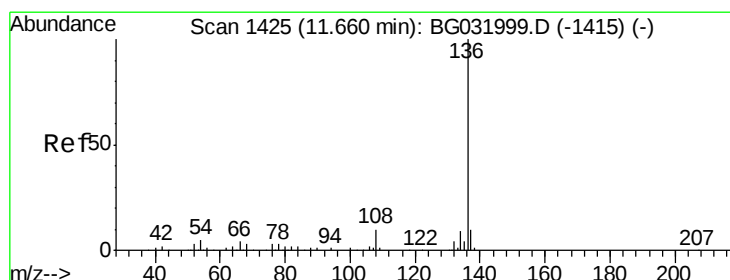
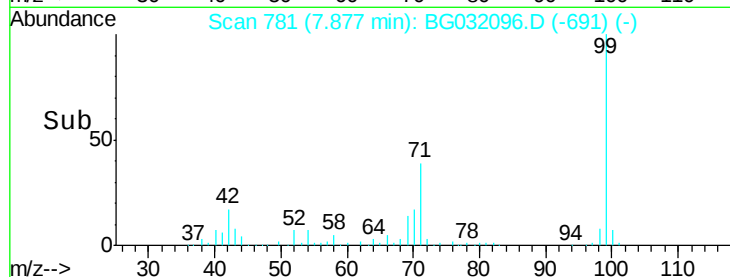
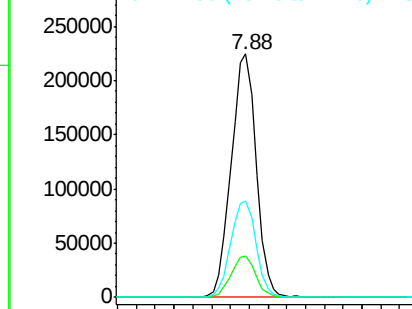
99 100

42 17.0 14.1 21.1

71 39.4 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: BG032096.D

Acq: 17 Jan 2018 7:57

Tgt Ion: 136 Resp: 195689

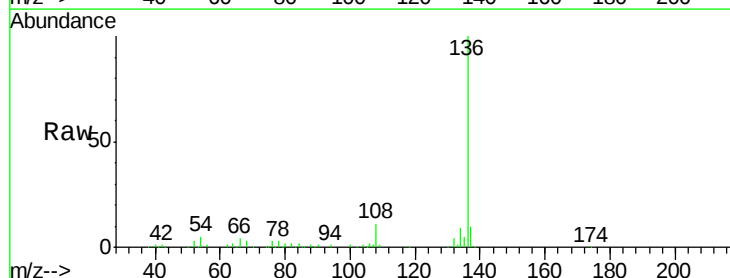
Ion Ratio Lower Upper

136 100

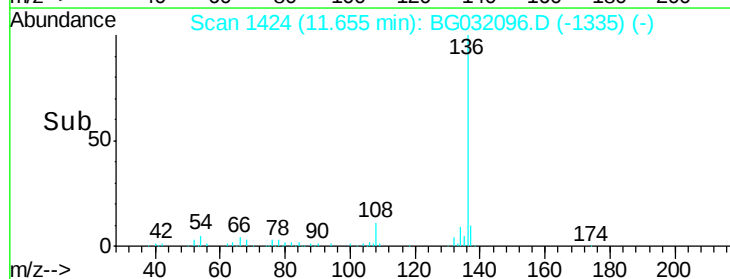
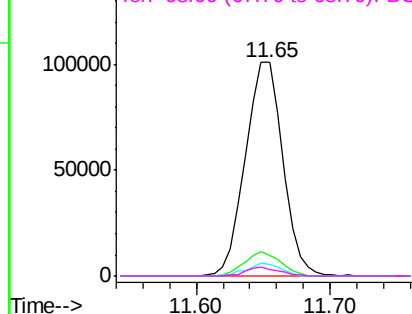
137 9.9 9.2 13.8

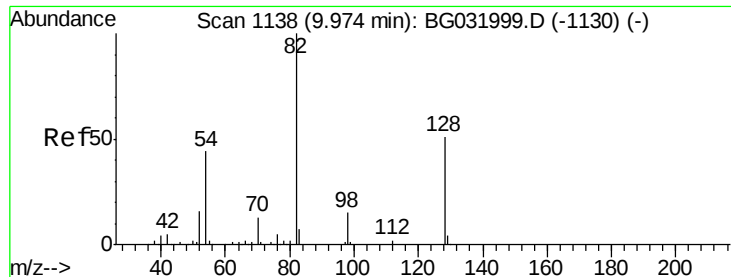
54 5.1 10.3 15.5#

68 2.8 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

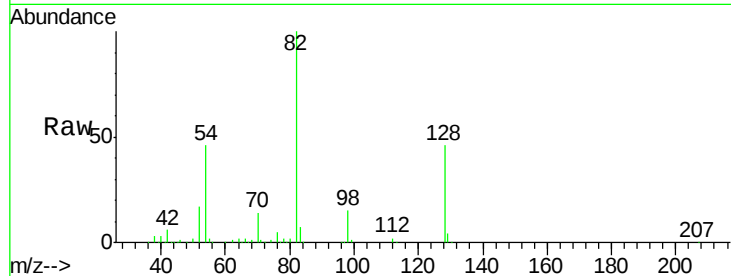




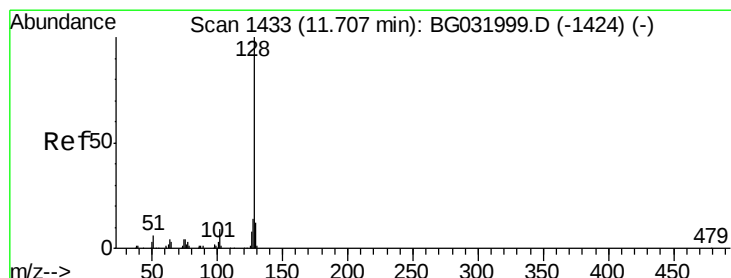
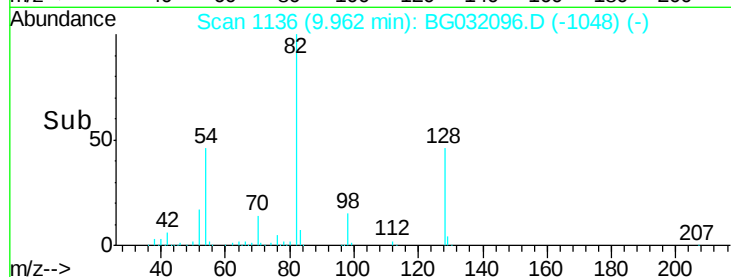
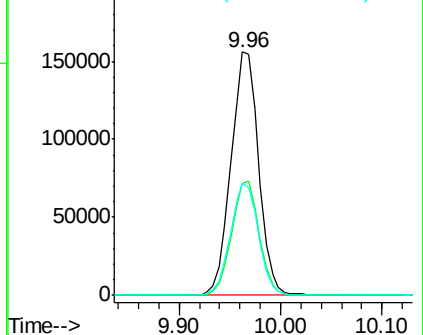
#23
 Nitrobenzene-d5
 Concen: 102.033 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	45.9	43.1	64.7

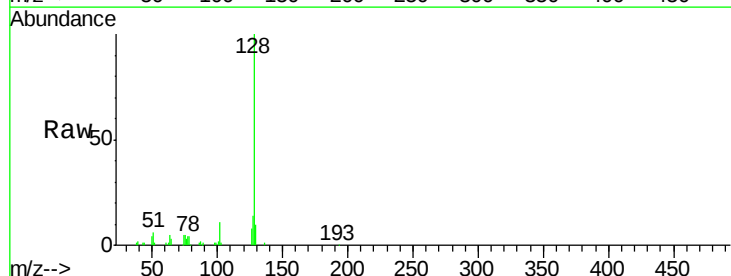


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

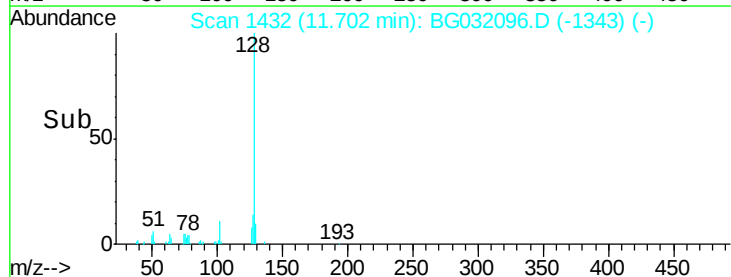
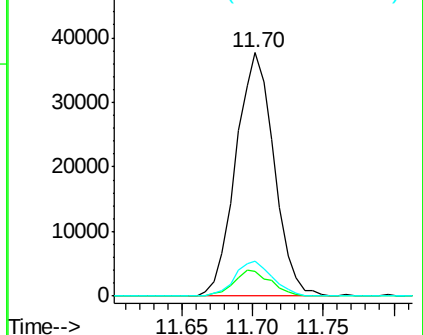


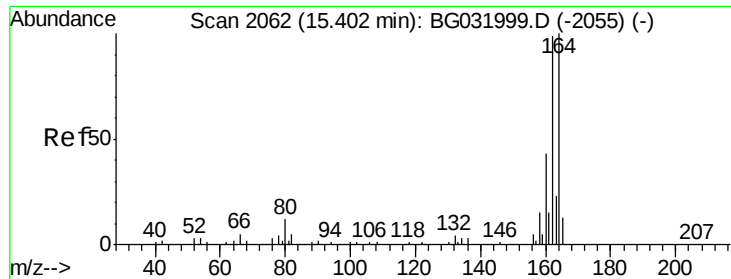
#31
 Naphthalene
 Concen: 7.330 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.3	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# 2061

Delta R.T. -0.01 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-A

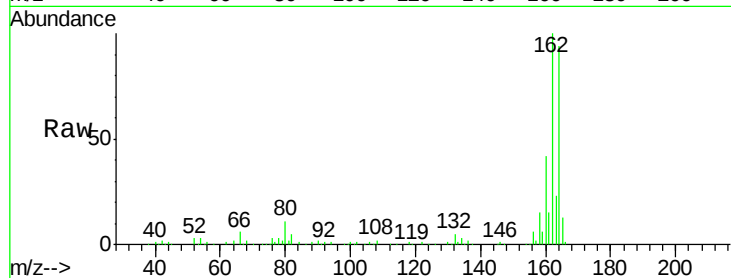
Tgt Ion:164 Resp: 128537

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

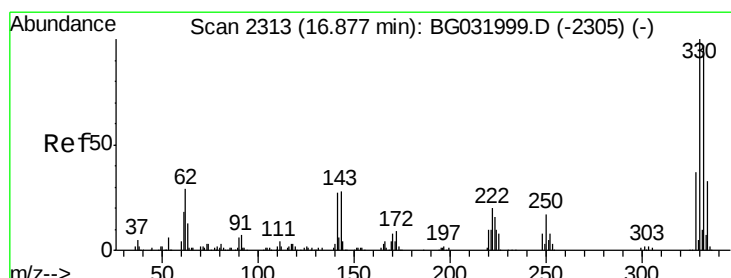
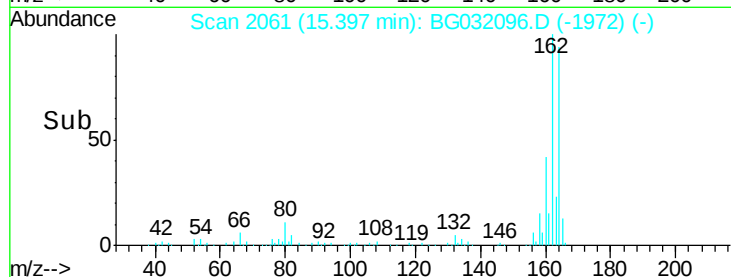
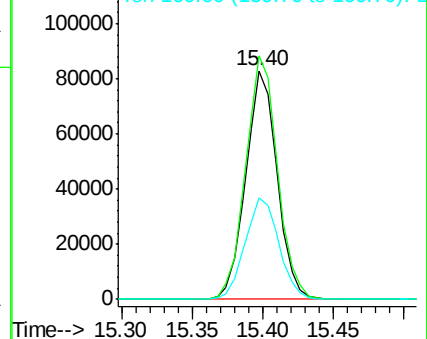
160 44.6 35.4 53.0



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: 140.012 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

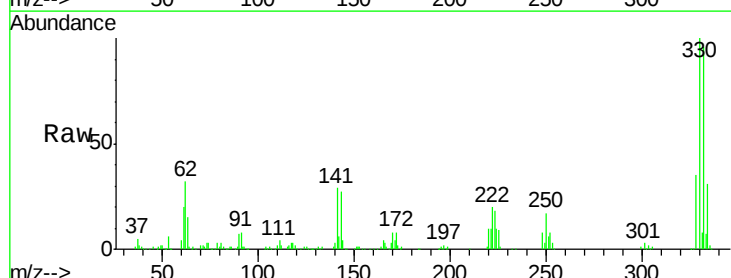
Tgt Ion:330 Resp: 297803

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

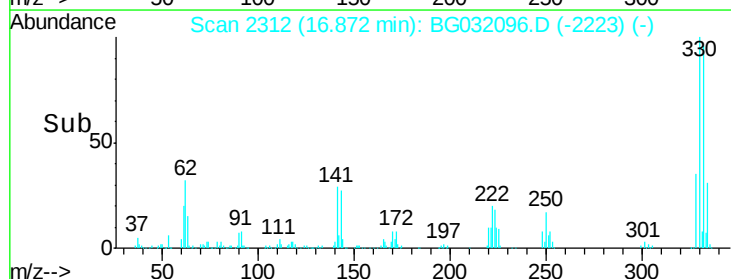
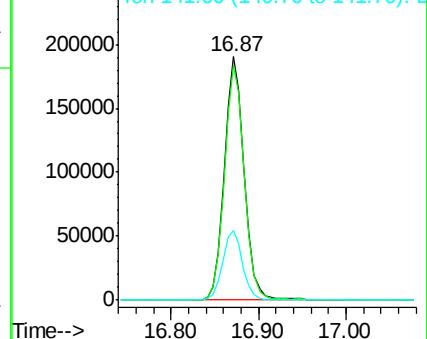
141 28.7 25.2 37.8

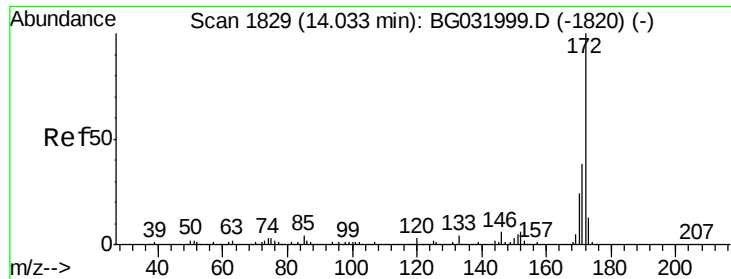


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

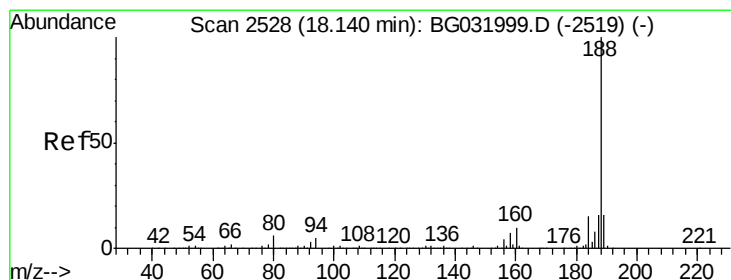
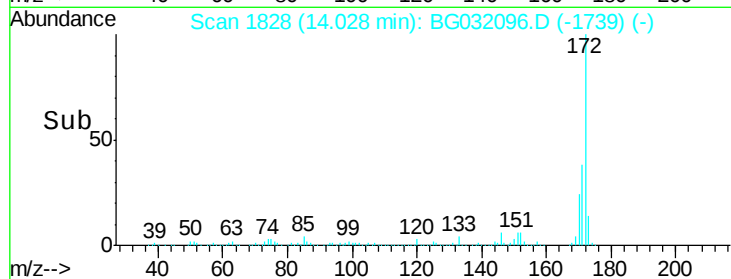
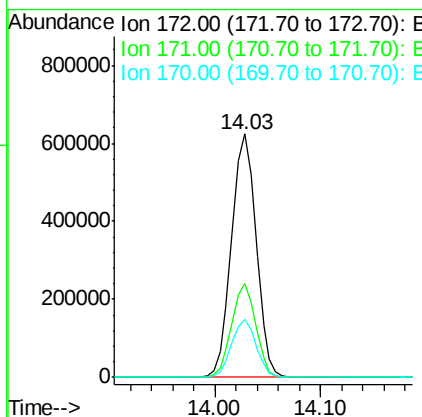
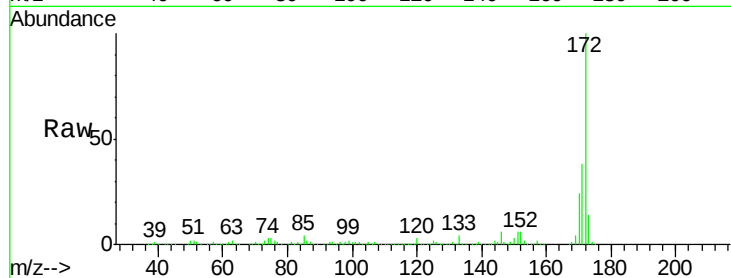




#44
 2-Fluorobiphenyl
 Concen: 96.904 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

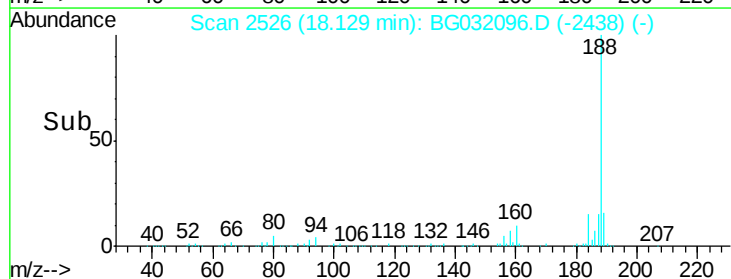
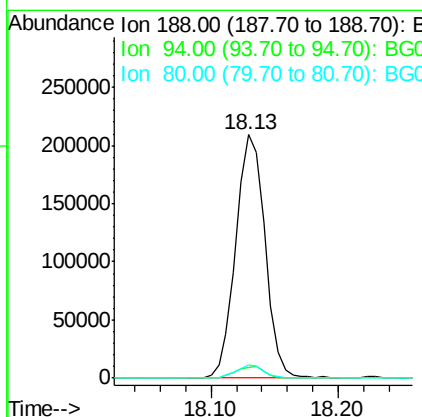
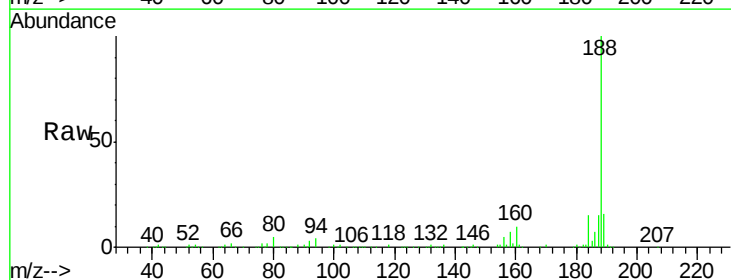
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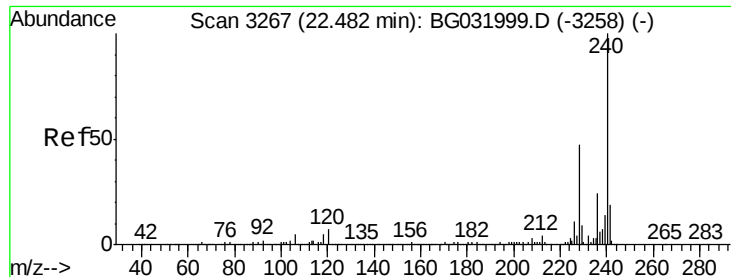
Tgt Ion:172 Resp: 1004537
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032096.D
 Acq: 17 Jan 2018 7:57

Tgt Ion:188 Resp: 333402
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 5.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-A

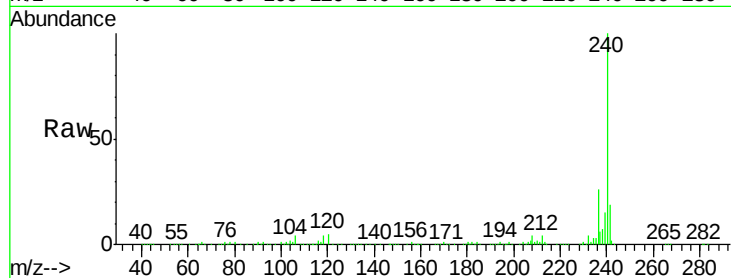
Tgt Ion:240 Resp: 404068

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

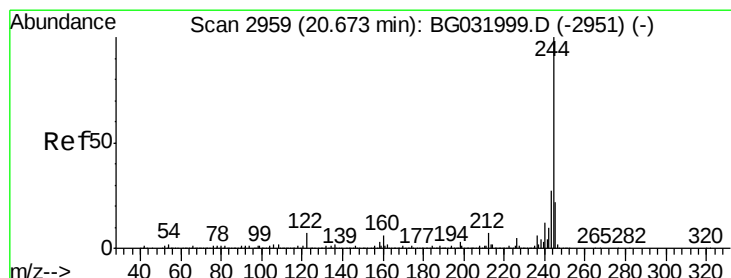
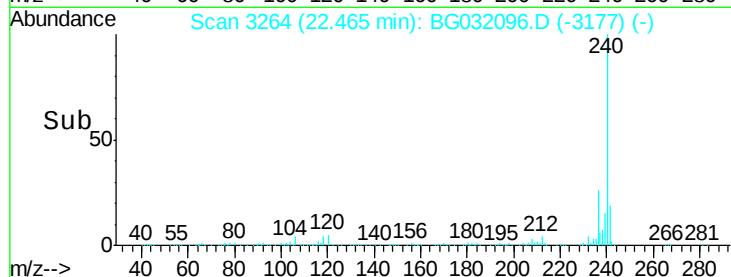
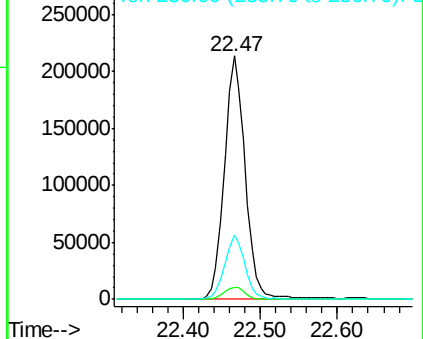
236 26.2 20.9 31.3



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: 101.605 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

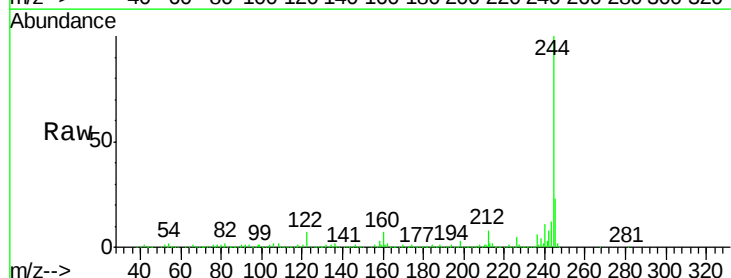
Tgt Ion:244 Resp: 1859360

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

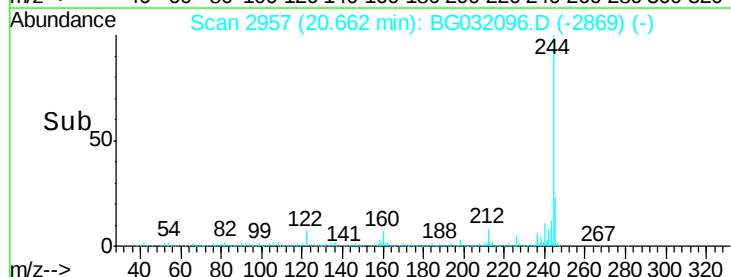
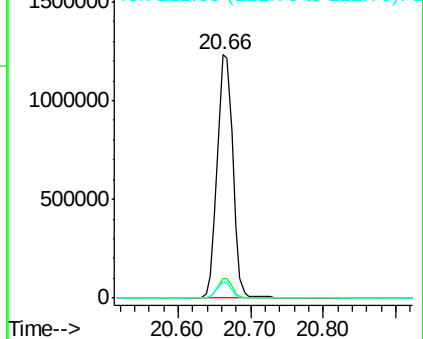
122 6.7 7.0 10.4#

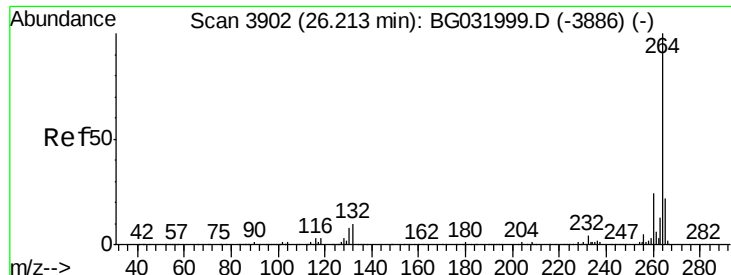


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.18 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032096.D

Acq: 17 Jan 2018 7:57

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-A

Tgt Ion: 264 Resp: 407351

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 20.3 17.7 26.5

