

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032098.D
 Acq On : 17 Jan 2018 9:12
 Operator : SJ/JU
 Sample : J1019-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jan 17 10:50:07 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

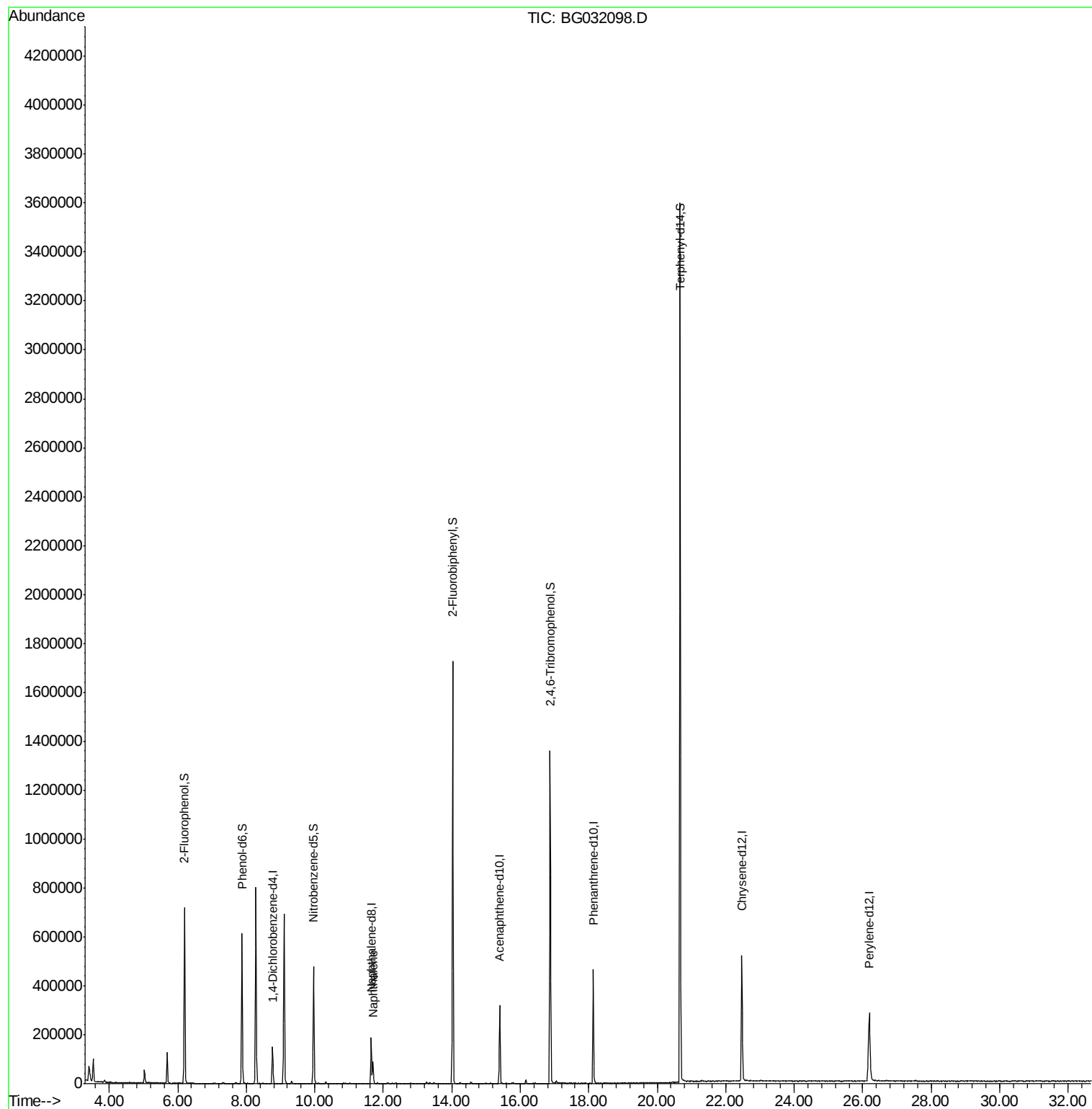
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49357	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	191390	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	124556	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	334650	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	419591	20.00	ng	-0.01
86) Perylene-d12	26.18	264	413730	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	368429	136.52	ng	0.00
7) Phenol-d6	7.88	99	406338	119.55	ng	0.00
23) Nitrobenzene-d5	9.97	82	304245	107.55	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	314454	152.57	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1036947	103.23	ng	0.00
78) Terphenyl-d14	20.67	244	1979606	104.17	ng	0.00
Target Compounds						
31) Naphthalene	11.70	128	85284	8.995	ng	Qvalue 95

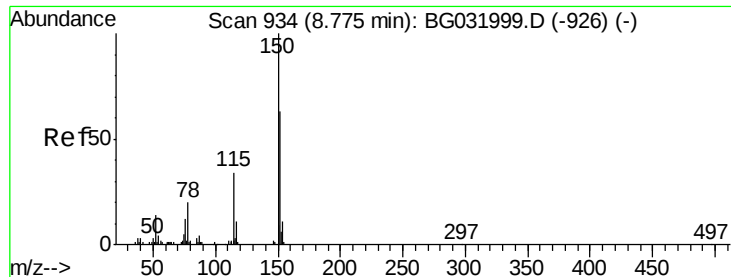
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

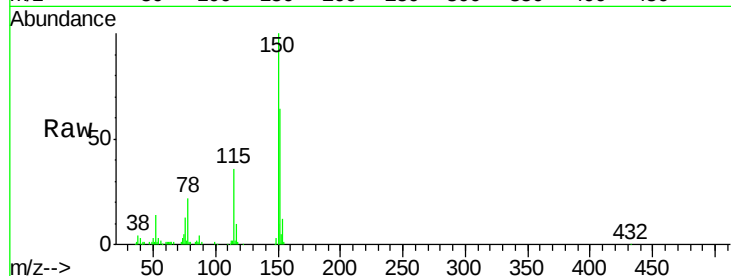
Tgt Ion:152 Resp: 49357

Ion Ratio Lower Upper

152 100

150 157.4 126.6 189.8

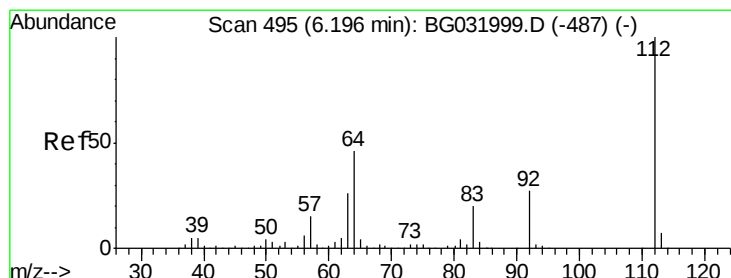
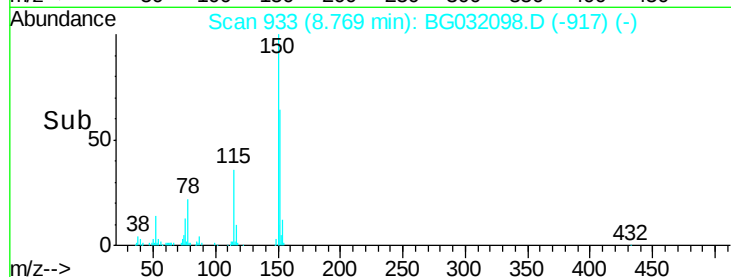
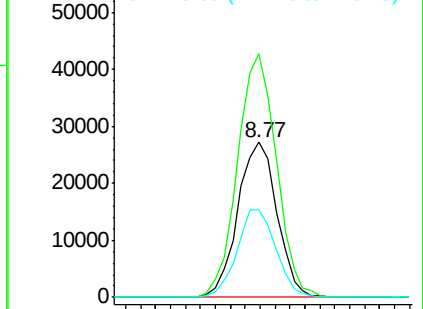
115 56.7 53.0 79.4



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: 136.522 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

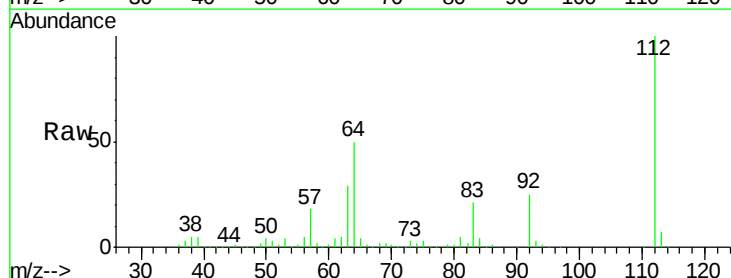
Tgt Ion:112 Resp: 368429

Ion Ratio Lower Upper

112 100

64 50.1 56.3 84.5#

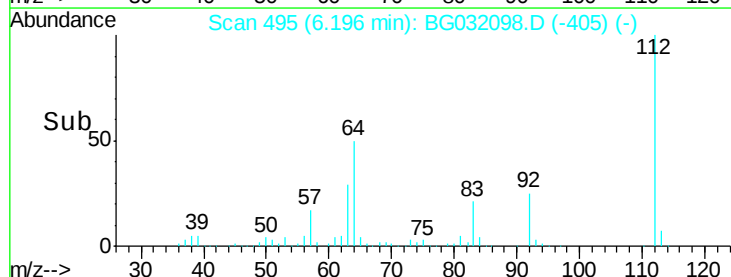
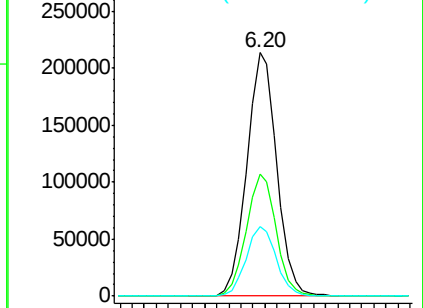
63 28.8 30.1 45.1#

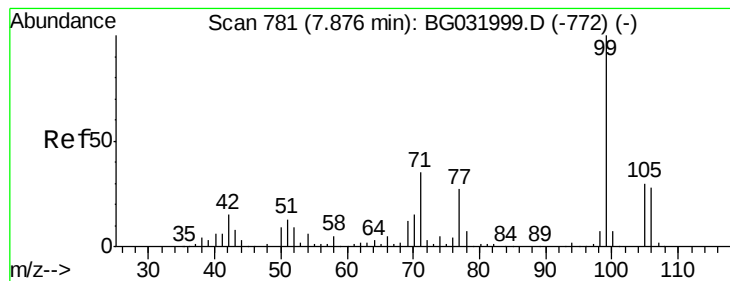


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.553 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

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ClientSampleId :

EO-02-011218-C

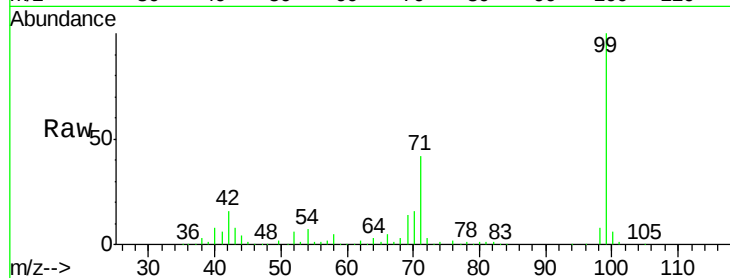
Tgt Ion: 99 Resp: 406338

Ion Ratio Lower Upper

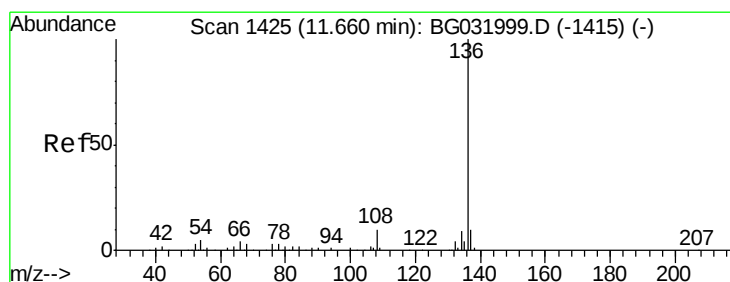
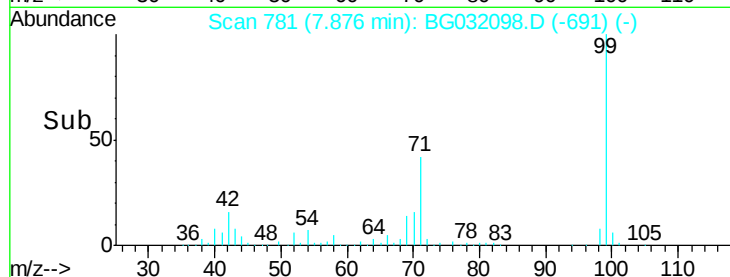
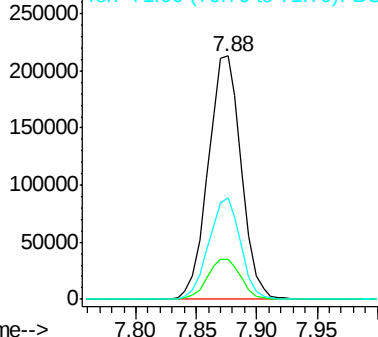
99 100

42 16.4 14.1 21.1

71 41.5 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# 1423

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Tgt Ion: 136 Resp: 191390

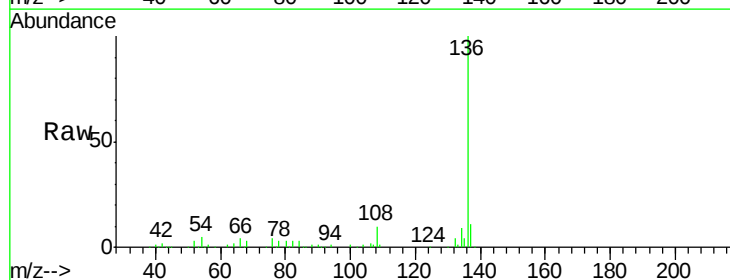
Ion Ratio Lower Upper

136 100

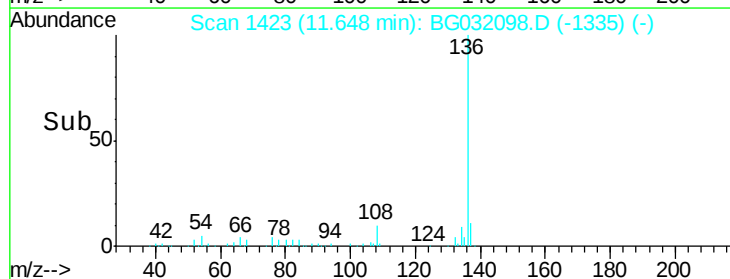
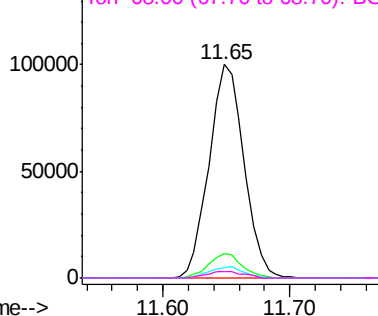
137 11.3 9.2 13.8

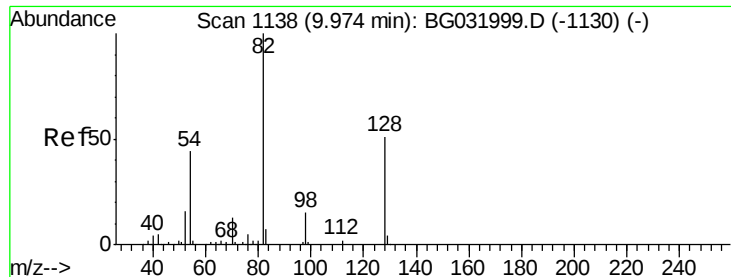
54 4.8 10.3 15.5#

68 3.2 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

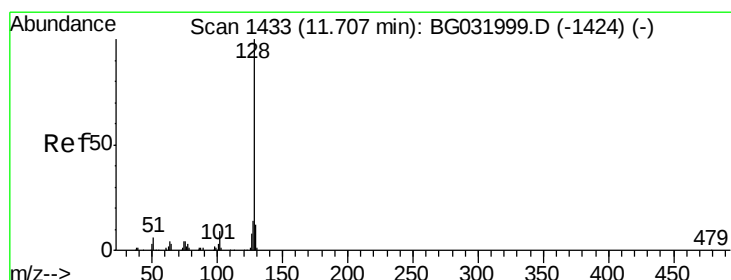
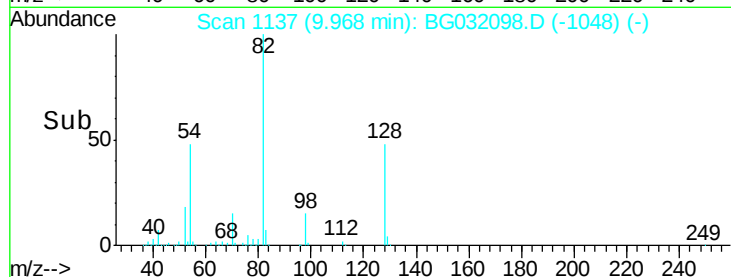
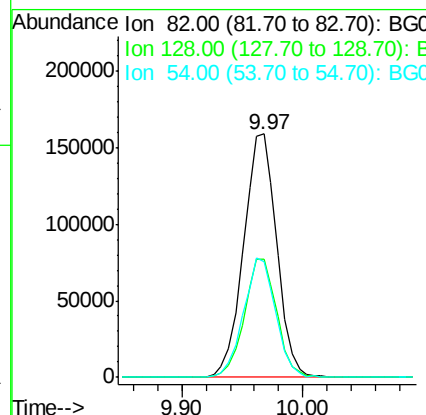
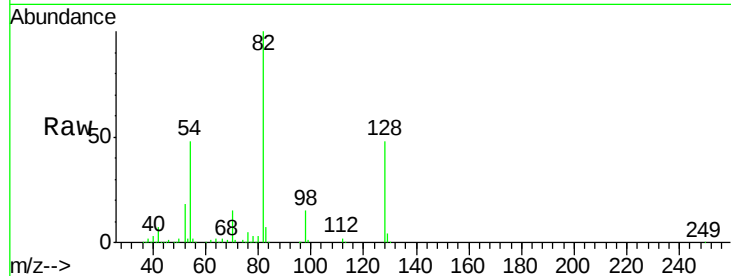




#23
 Nitrobenzene-d5
 Concen: 107.547 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

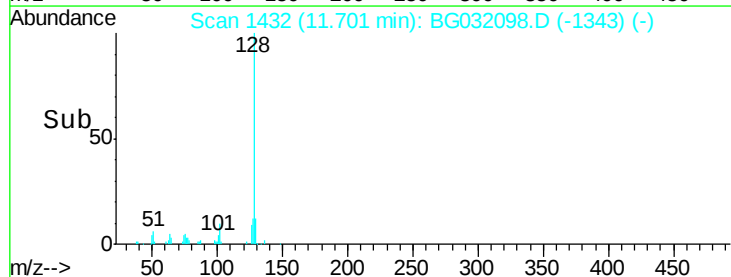
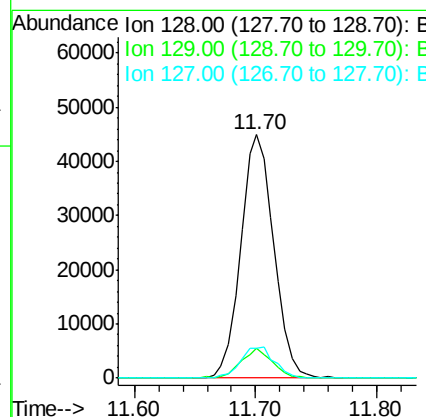
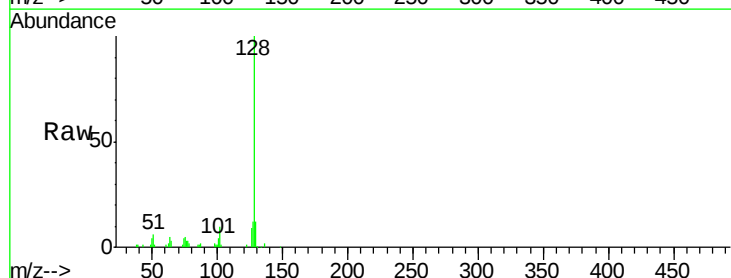
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

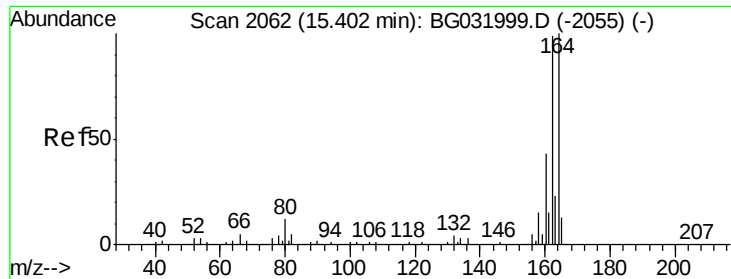
Tgt Ion: 82 Resp: 304245
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 47.7 43.1 64.7



#31
 Naphthalene
 Concen: 8.995 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion: 128 Resp: 85284
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.6 12.8
 127 12.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

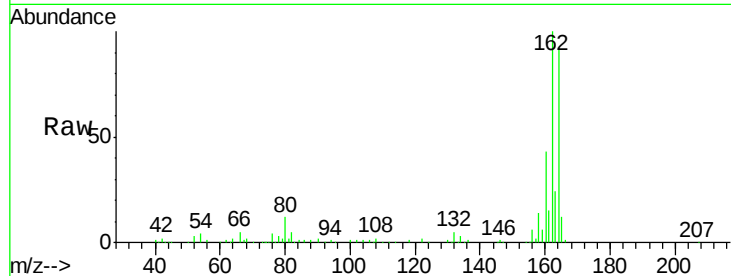
Tgt Ion:164 Resp: 124556

Ion Ratio Lower Upper

164 100

162 109.2 78.8 118.2

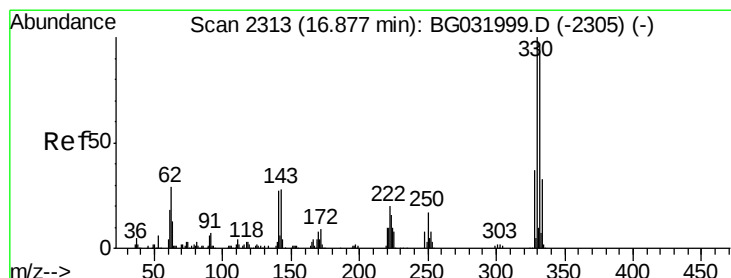
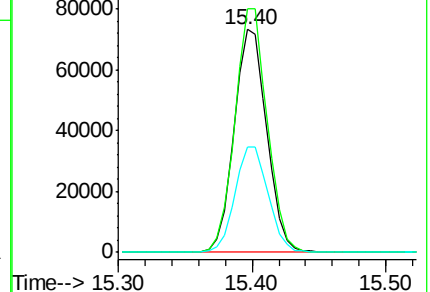
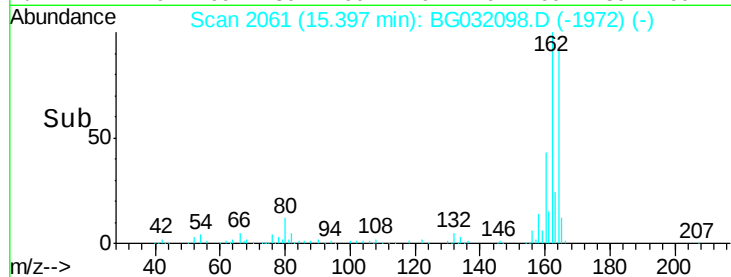
160 47.5 35.4 53.0



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: 152.565 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

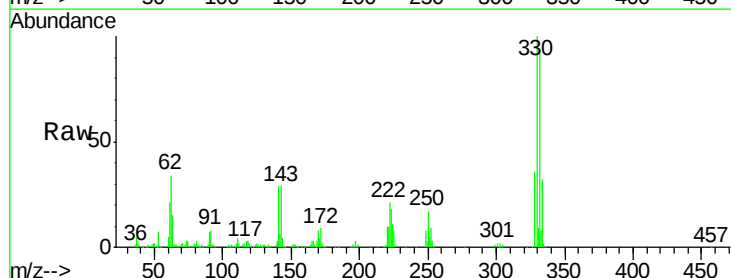
Tgt Ion:330 Resp: 314454

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

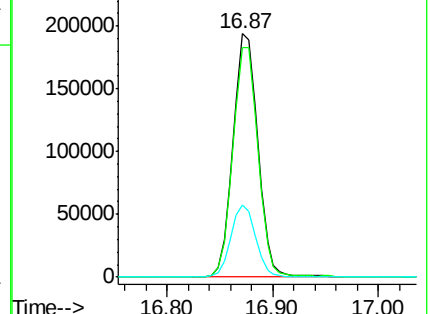
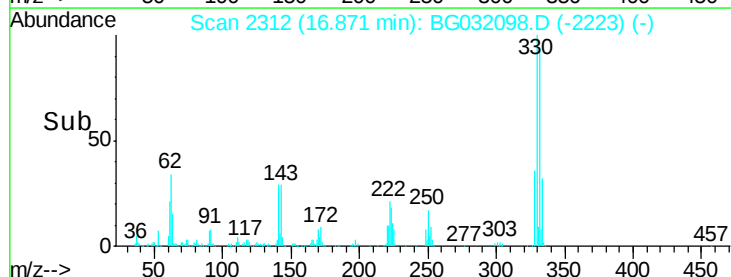
141 29.5 25.2 37.8



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

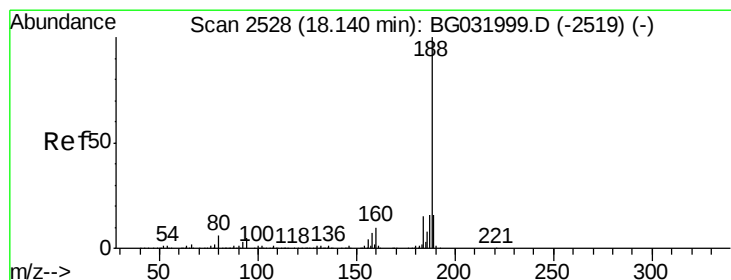
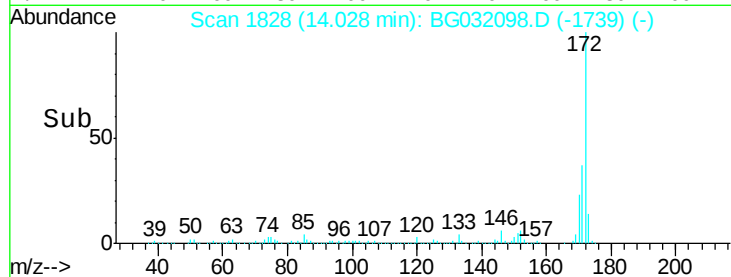
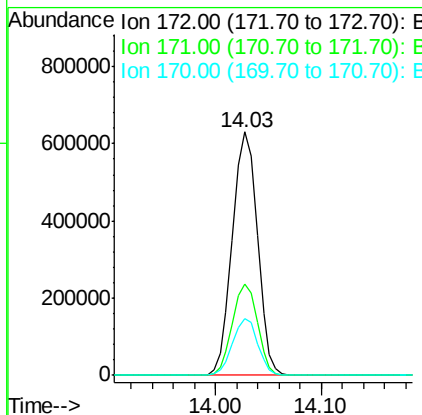
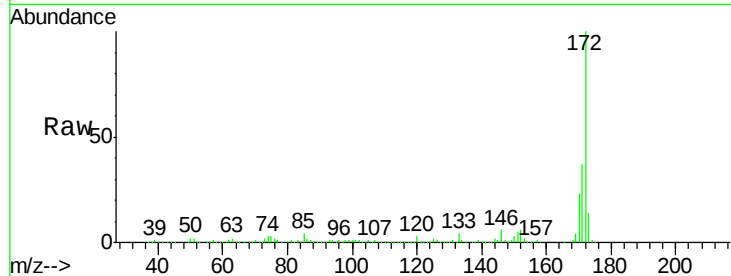




#44
 2-Fluorobiphenyl
 Concen: 103.228 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

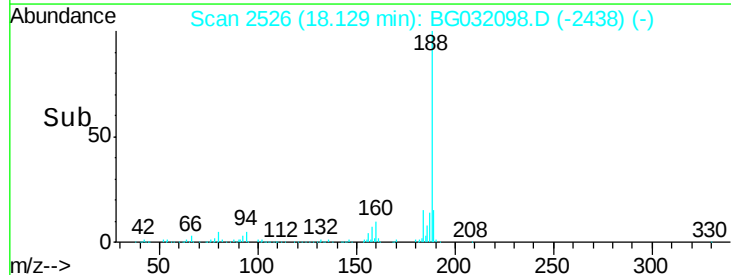
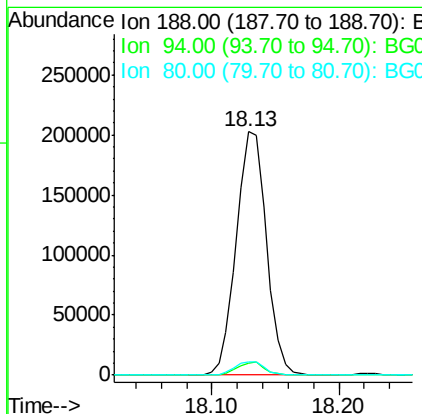
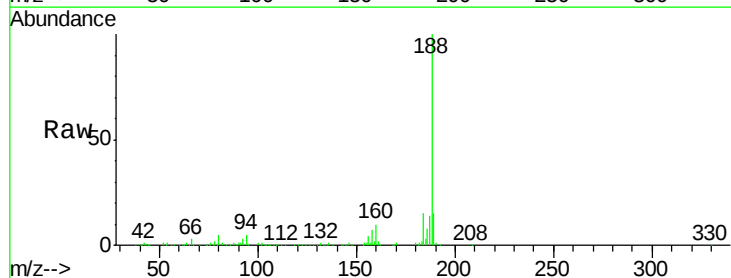
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 EO-02-011218-C

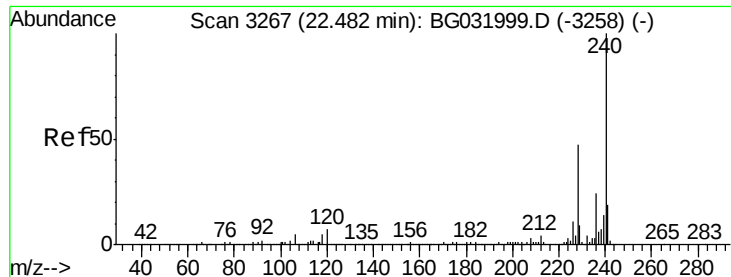
Tgt Ion:172 Resp: 1036947
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion:188 Resp: 334650
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 5.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

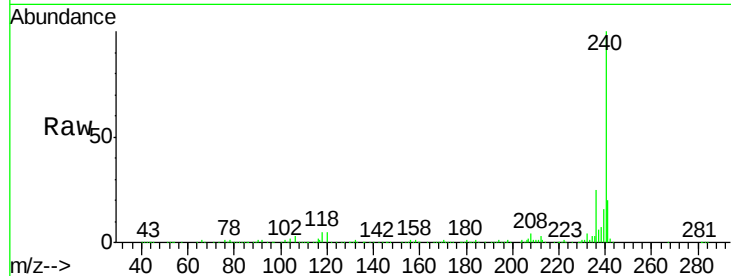
Tgt Ion:240 Resp: 419591

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

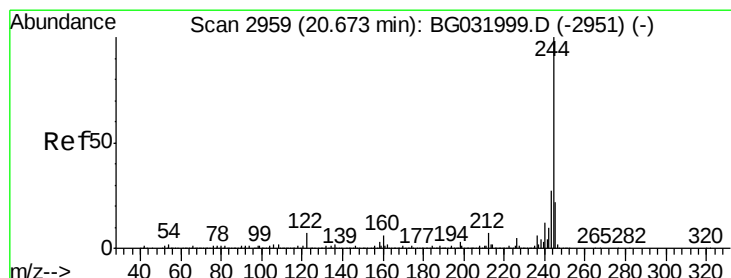
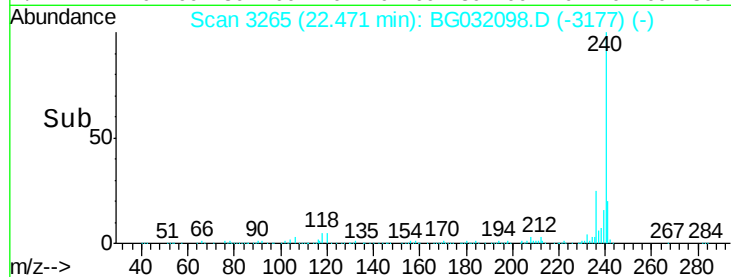
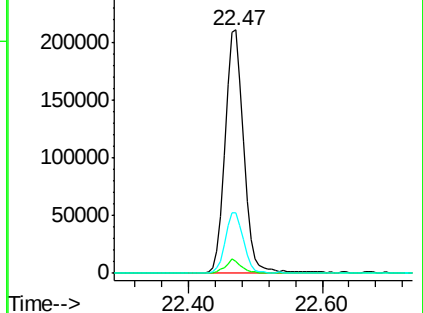
236 25.1 20.9 31.3



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: 104.174 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

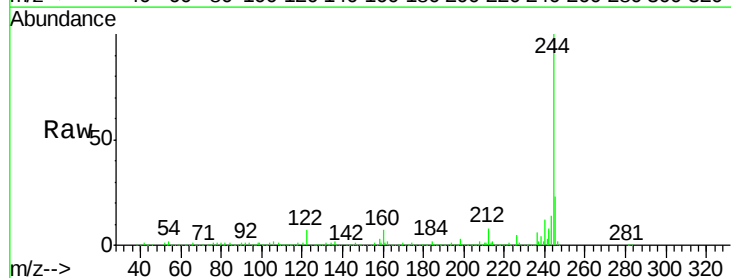
Tgt Ion:244 Resp: 1979606

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

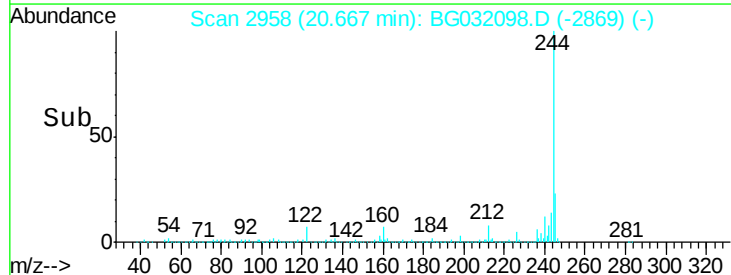
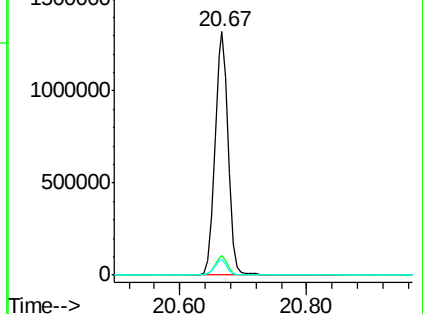
122 6.7 7.0 10.4#

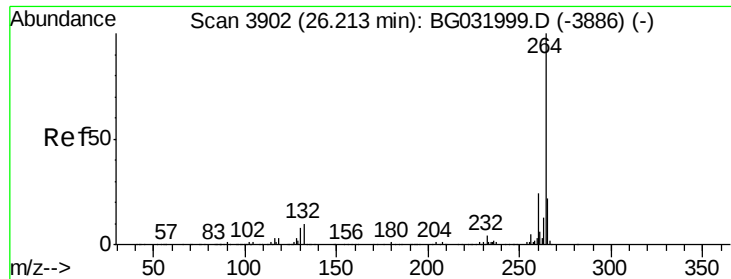


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG032098.D
Acq: 17 Jan 2018 9:12

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

Tgt Ion: 264 Resp: 413730
Ion Ratio Lower Upper
264 100
260 22.5 17.4 26.0
265 20.9 17.7 26.5

