

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032097.D
 Acq On : 17 Jan 2018 8:34
 Operator : SJ/JU
 Sample : J1019-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jan 17 10:48:38 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	52805	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	205251	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	138505	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	362037	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	439410	20.00	ng	-0.02
86) Perylene-d12	26.18	264	442482	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	391819	135.71	ng	0.00
7) Phenol-d6	7.88	99	440586	121.16	ng	0.00
23) Nitrobenzene-d5	9.97	82	324000	106.80	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	320250	139.73	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1087318	97.34	ng	0.00
78) Terphenyl-d14	20.67	244	2006169	100.81	ng	0.00

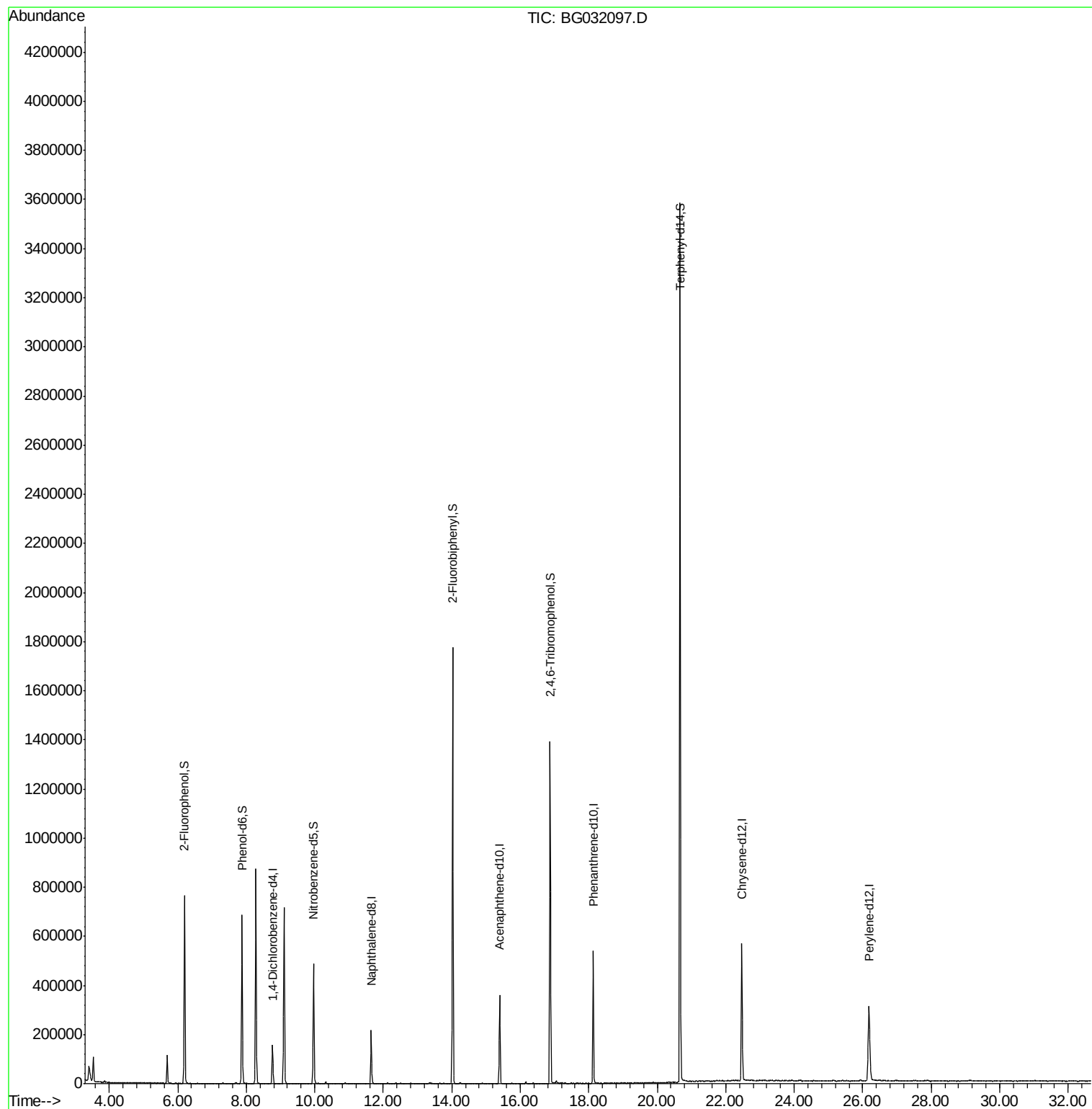
Target Compounds	Qvalue
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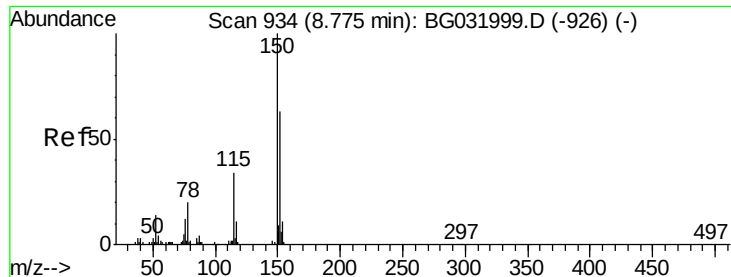
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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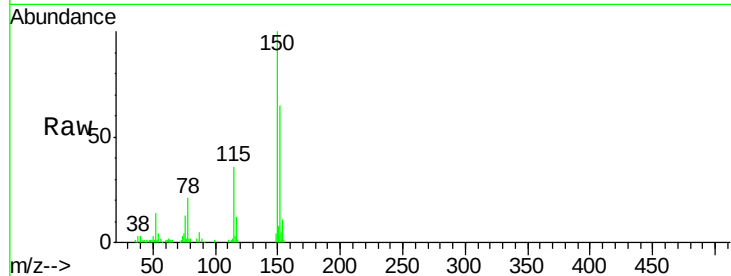


#1

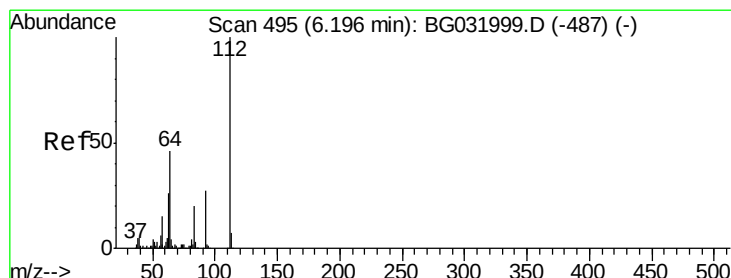
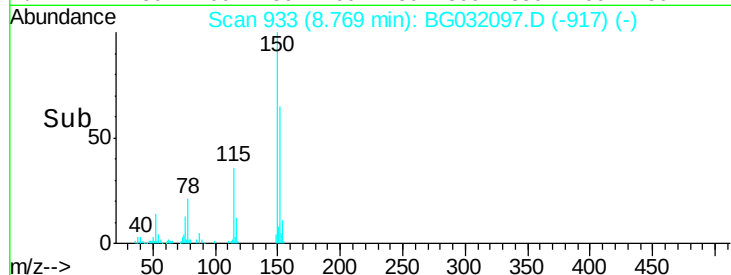
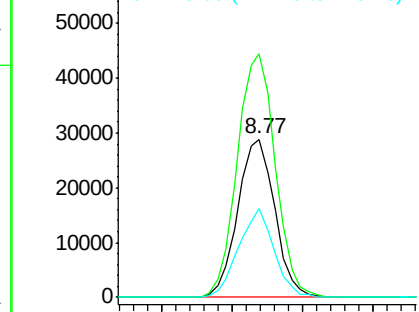
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032097.D
Acq: 17 Jan 2018 8:34

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

Tgt Ion:152 Resp: 52805
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 56.1 53.0 79.4



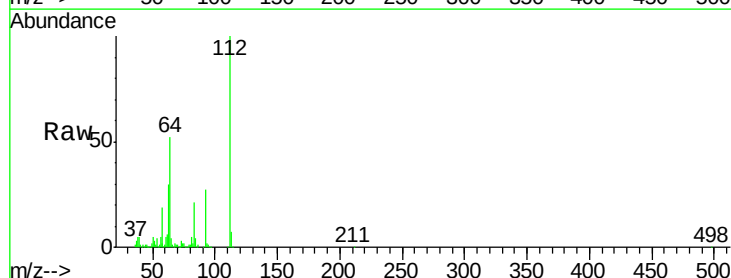
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



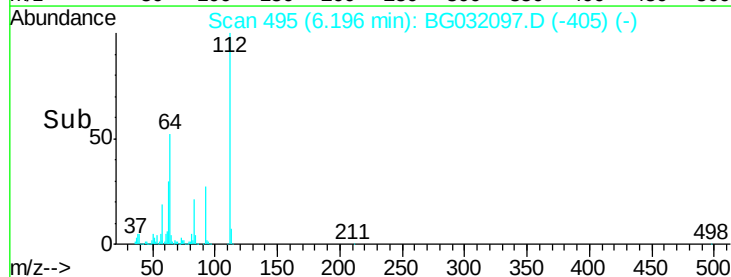
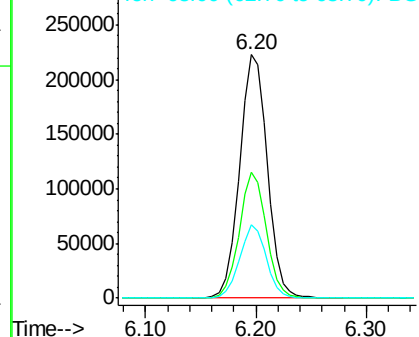
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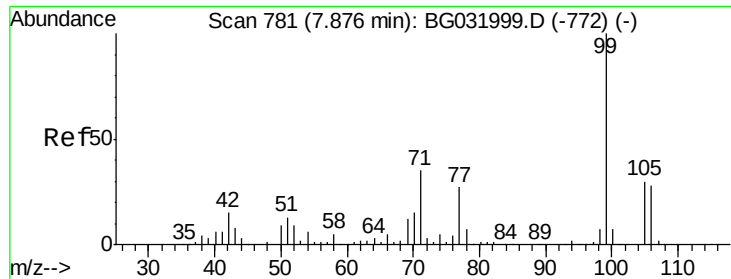
2-Fluorophenol
Concen: 135.709 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032097.D
Acq: 17 Jan 2018 8:34

Tgt Ion:112 Resp: 391819
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 30.0 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: 121.165 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032097.D

Acq: 17 Jan 2018 8:34

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-B

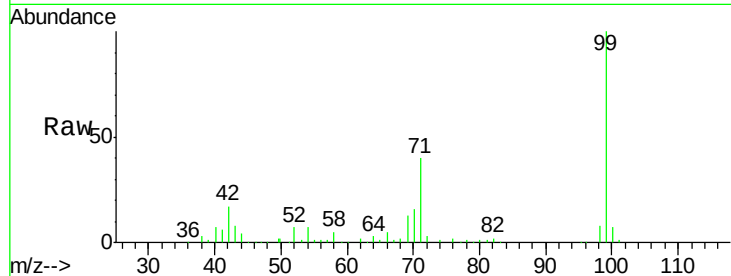
Tgt Ion: 99 Resp: 440586

Ion Ratio Lower Upper

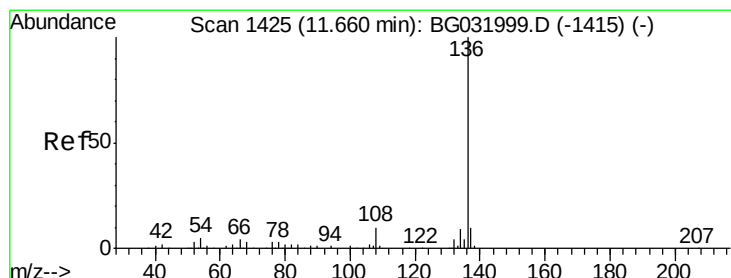
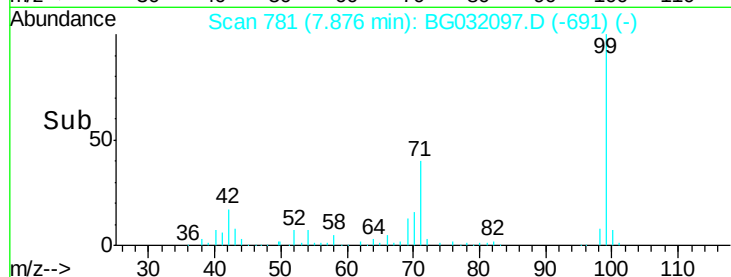
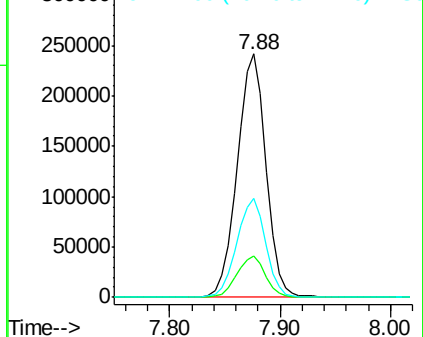
99 100

42 17.2 14.1 21.1

71 40.5 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: BG032097.D

Acq: 17 Jan 2018 8:34

Tgt Ion: 136 Resp: 205251

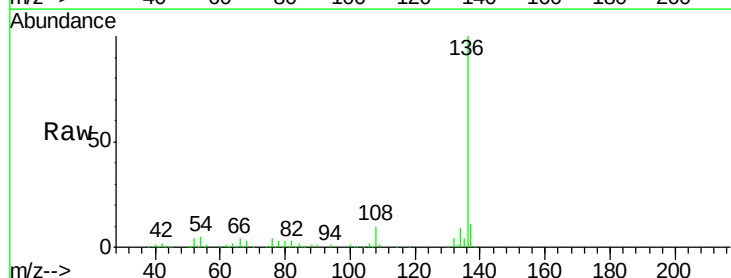
Ion Ratio Lower Upper

136 100

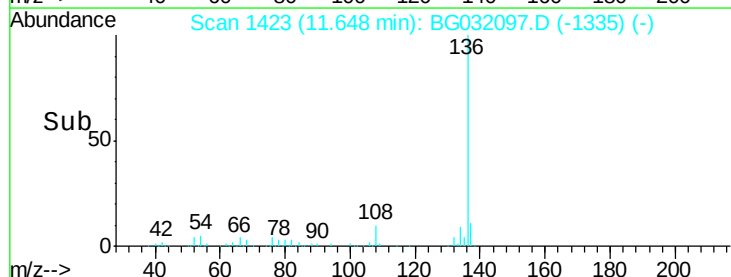
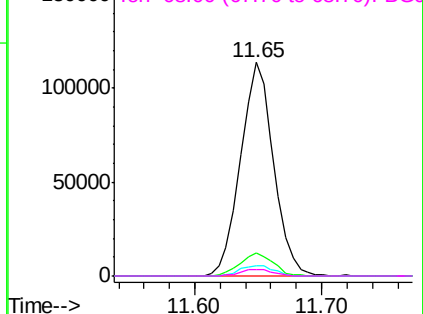
137 11.0 9.2 13.8

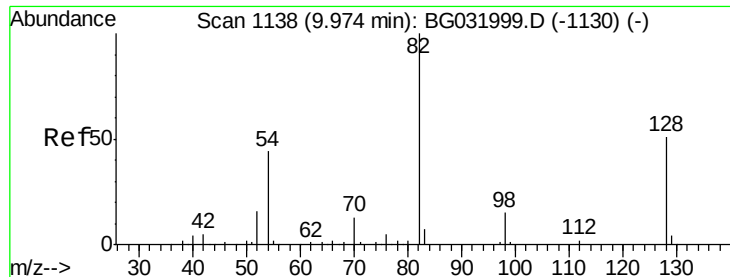
54 5.0 10.3 15.5#

68 3.1 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

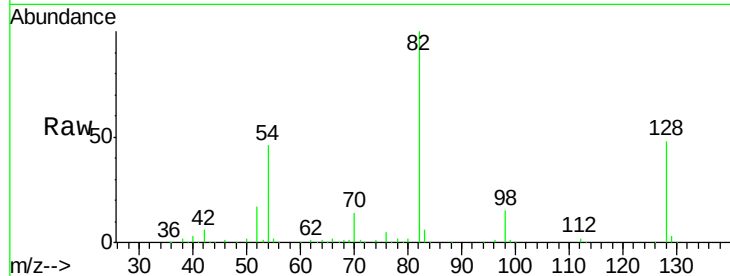




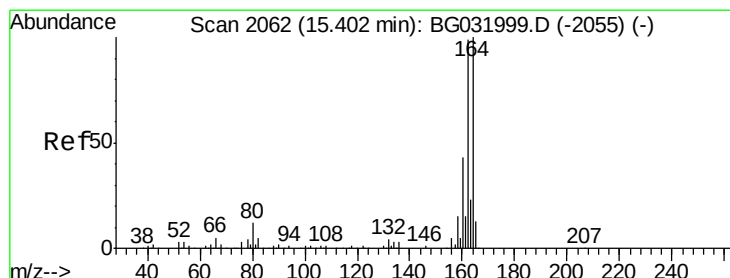
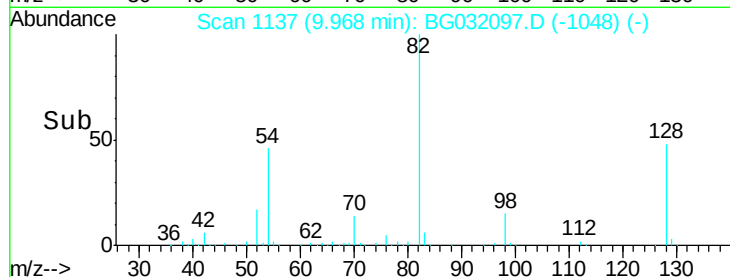
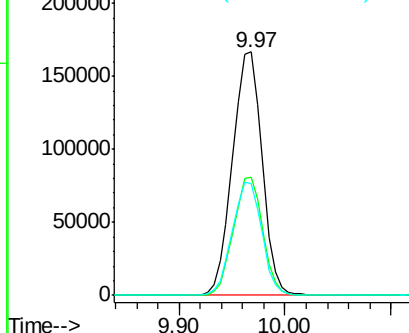
#23
 Nitrobenzene-d5
 Concen: 106.796 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032097.D
 Acq: 17 Jan 2018 8:34

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

Tgt Ion: 82 Resp: 324000
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 45.8 43.1 64.7

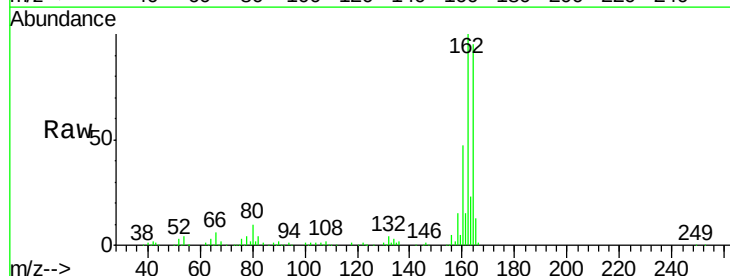


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

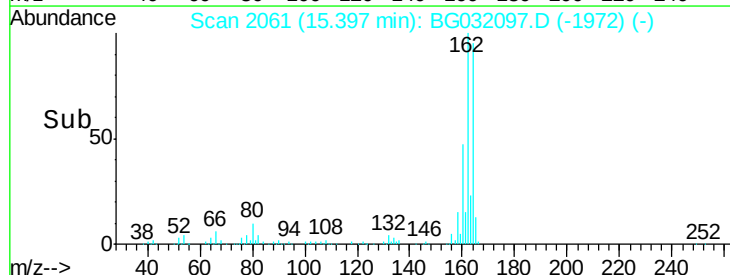
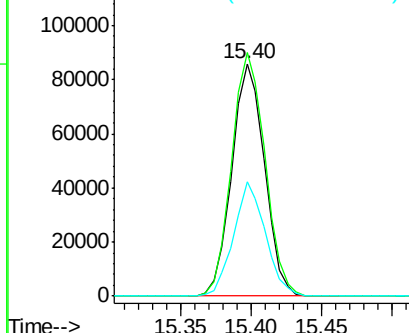


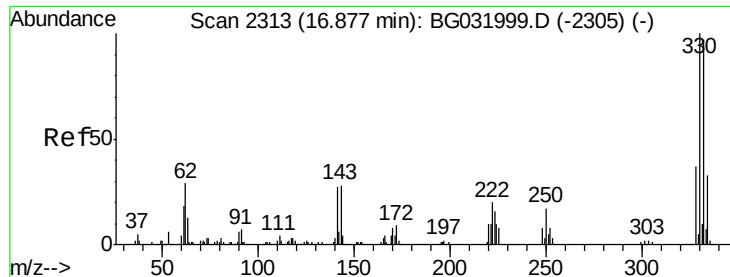
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG032097.D
 Acq: 17 Jan 2018 8:34

Tgt Ion: 164 Resp: 138505
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 49.1 35.4 53.0



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

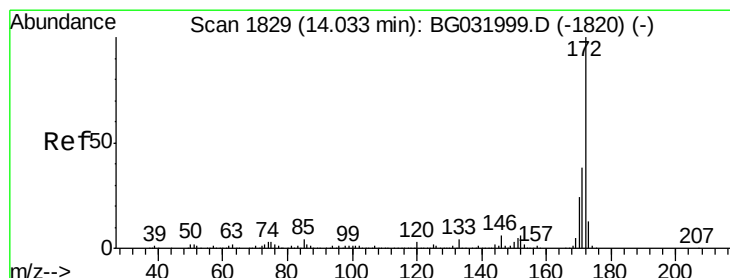
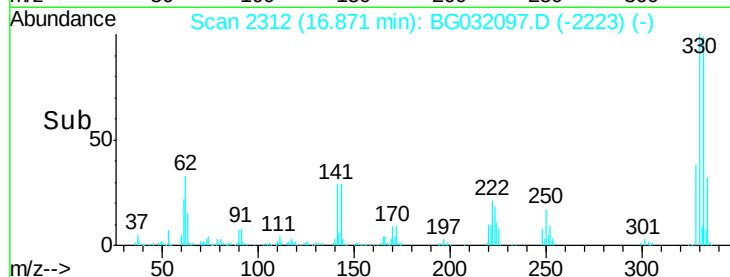
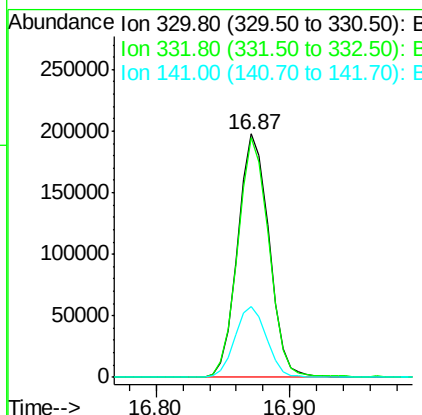
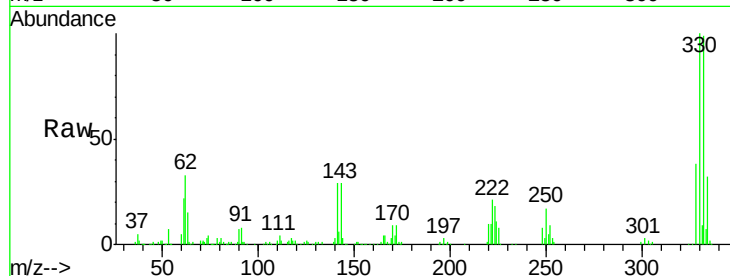




#41
 2,4,6-Tribromophenol
 Concen: 139.729 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032097.D
 Acq: 17 Jan 2018 8:34

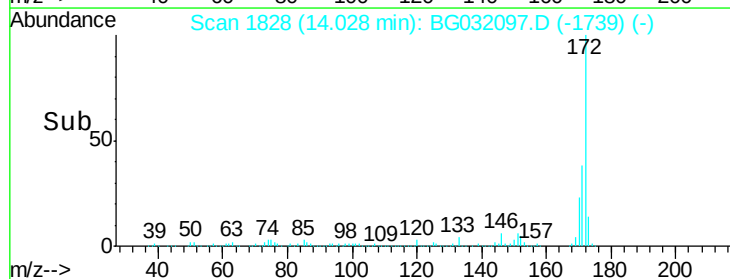
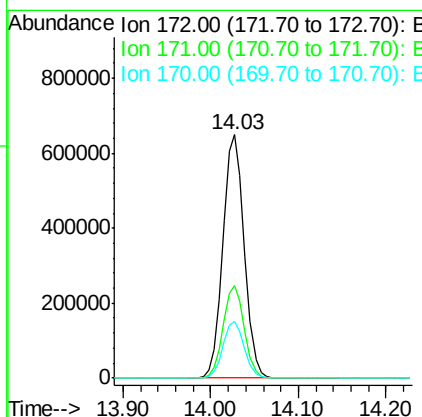
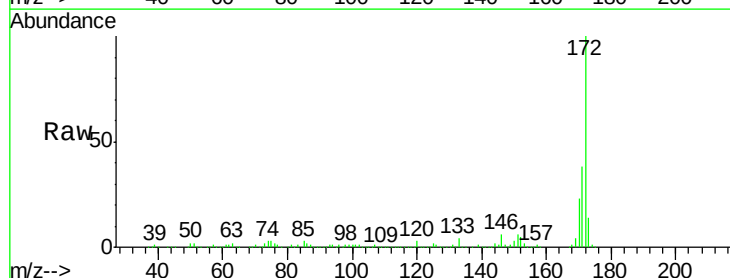
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-B

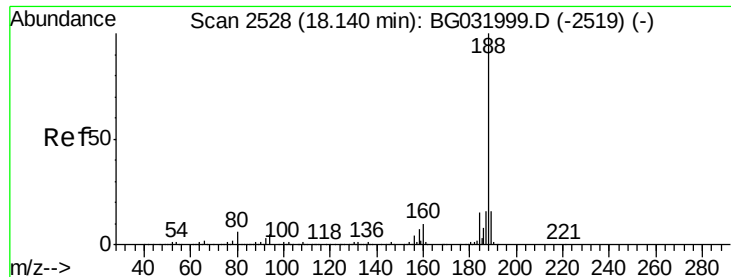
Tgt Ion:330 Resp: 320250
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 29.5 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 97.341 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032097.D
 Acq: 17 Jan 2018 8:34

Tgt Ion:172 Resp: 1087318
 Ion Ratio Lower Upper
 172 100
 171 37.8 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: BG032097.D

Acq: 17 Jan 2018 8:34

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-B

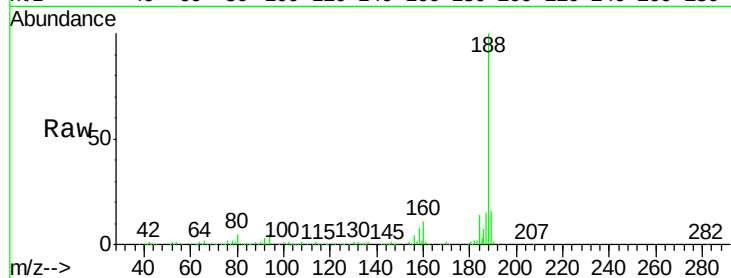
Tgt Ion:188 Resp: 362037

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

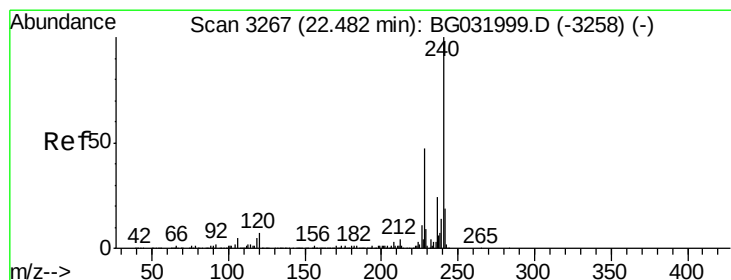
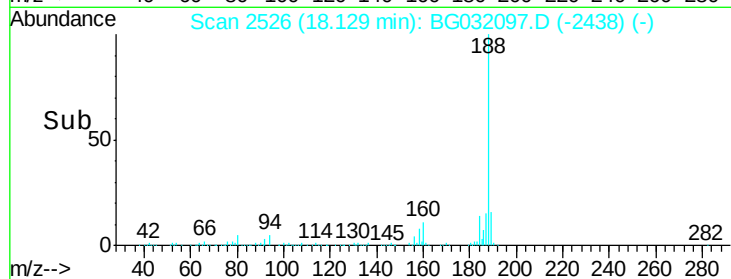
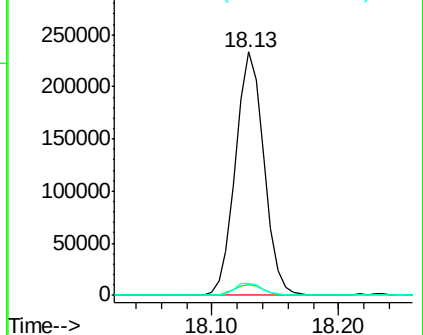
80 4.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.46 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032097.D

Acq: 17 Jan 2018 8:34

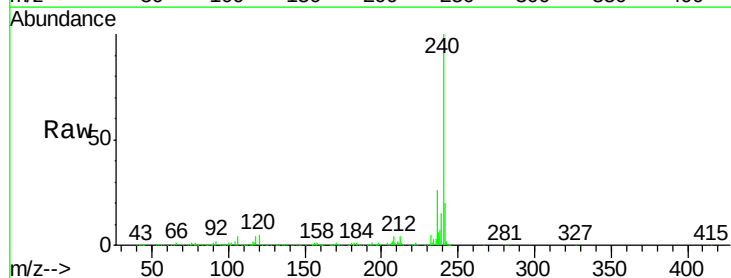
Tgt Ion:240 Resp: 439410

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

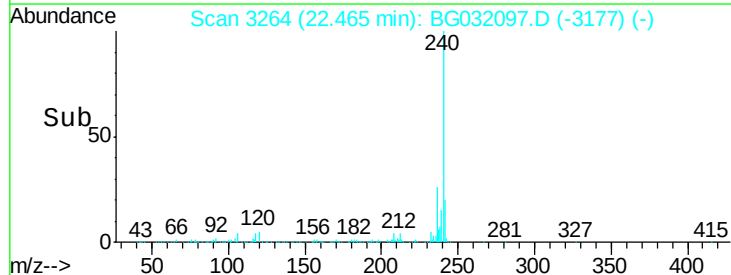
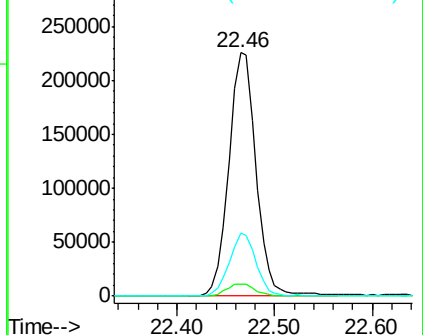
236 26.1 20.9 31.3

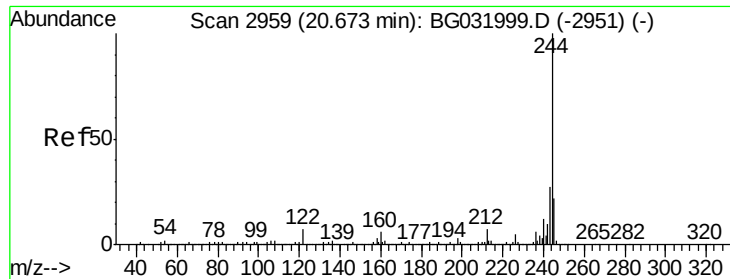


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.810 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032097.D

Acq: 17 Jan 2018 8:34

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-B

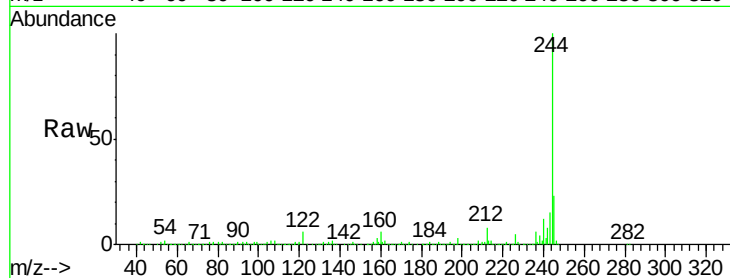
Tgt Ion:244 Resp: 2006169

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

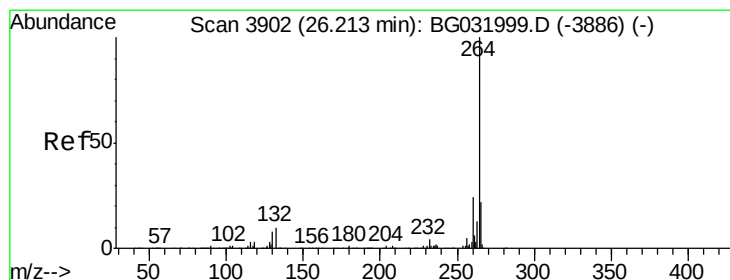
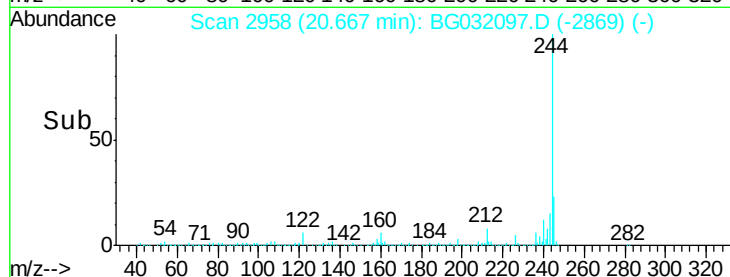
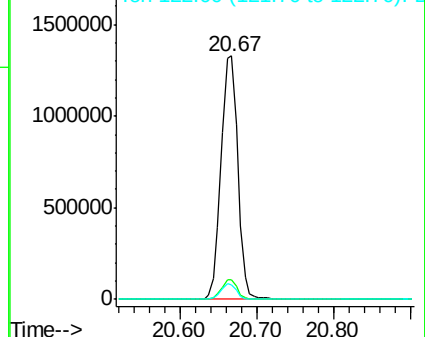
122 6.1 7.0 10.4#



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: BG032097.D

Acq: 17 Jan 2018 8:34

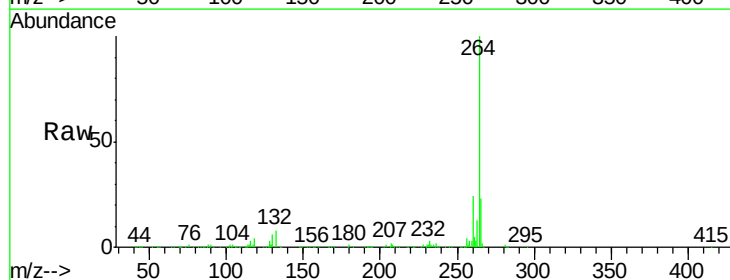
Tgt Ion:264 Resp: 442482

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.8 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

