

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032322.D
 Acq On : 26 Jan 2018 9:46
 Operator : SJ/JU
 Sample : J1306-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC2

Quant Time: Jan 26 12:15:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

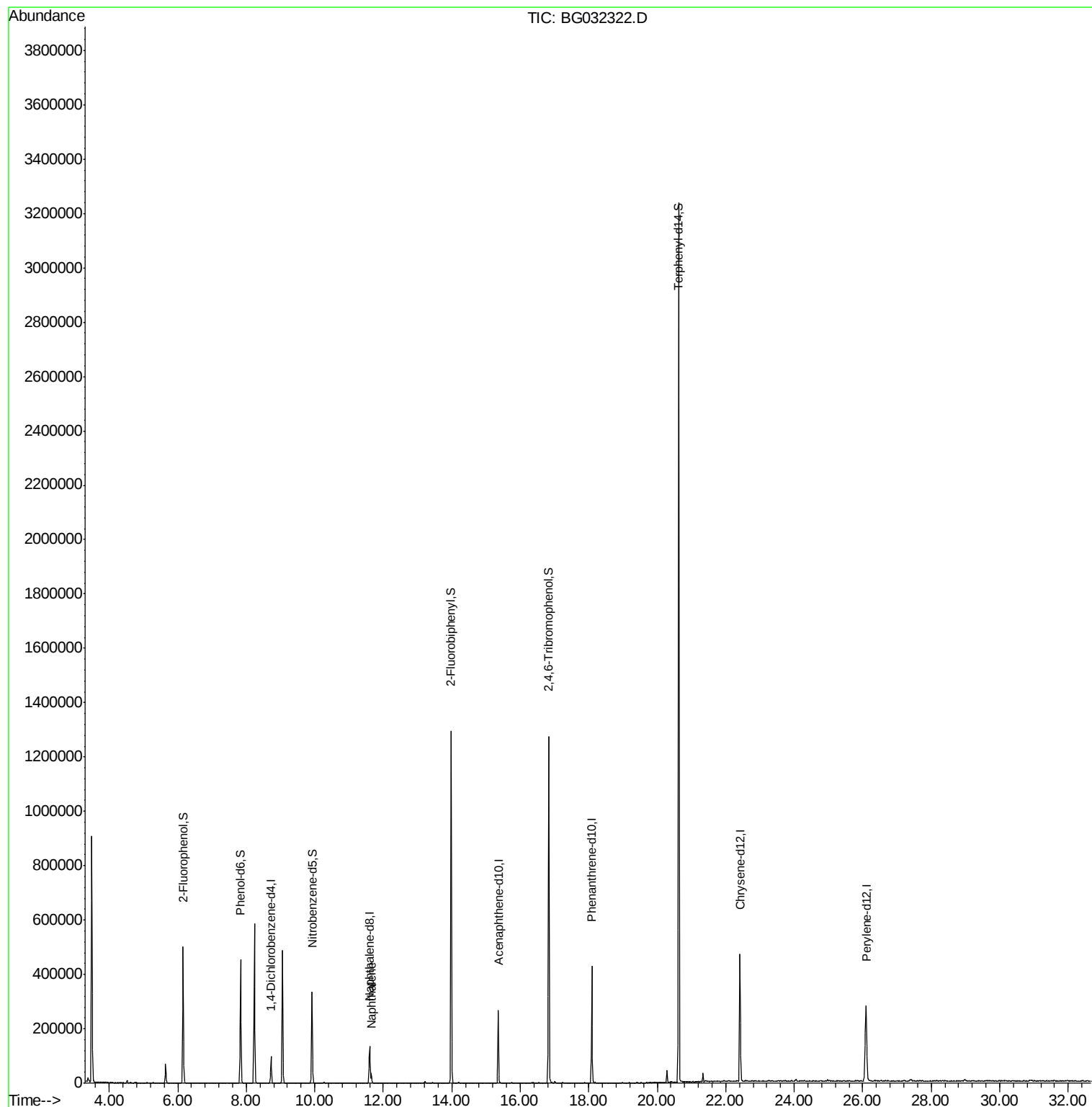
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33128	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	132536	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	101090	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	288556	20.00	ng	0.00
75) Chrysene-d12	22.41	240	364405	20.00	ng	-0.01
86) Perylene-d12	26.09	264	385718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	240195	132.61	ng	0.00
7) Phenol-d6	7.84	99	267543	117.28	ng	0.00
23) Nitrobenzene-d5	9.92	82	212151	108.29	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	283904	169.72	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	762668	93.55	ng	0.00
78) Terphenyl-d14	20.63	244	1670218	101.20	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	33317	5.075	ng	Qvalue # 95

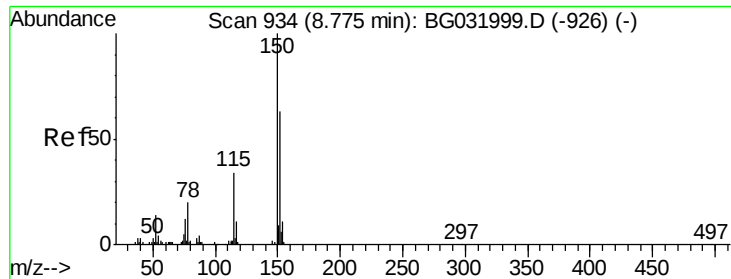
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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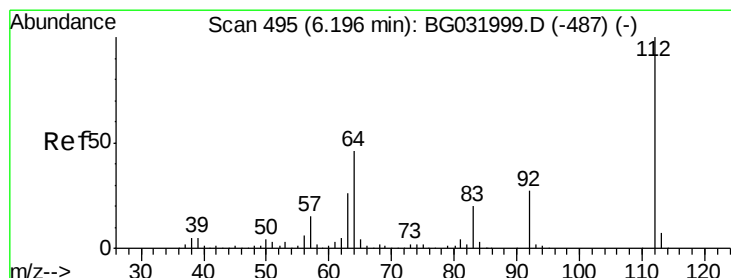
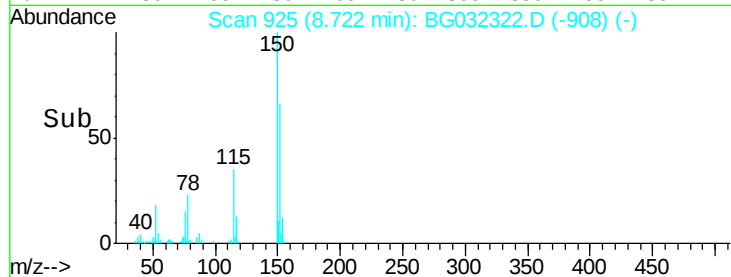
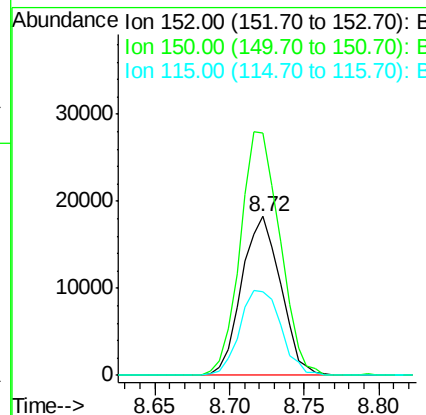
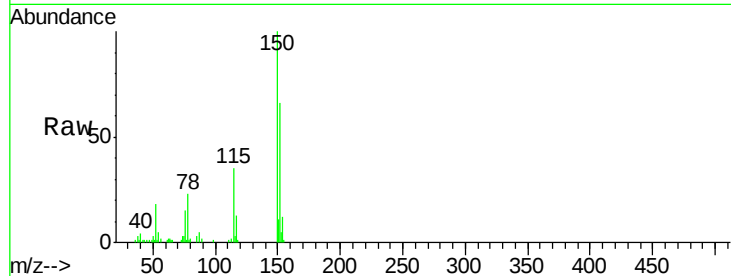


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032322.D
Acq: 26 Jan 2018 9:46

Instrument :
BNA_G
ClientSampleId :
WC2

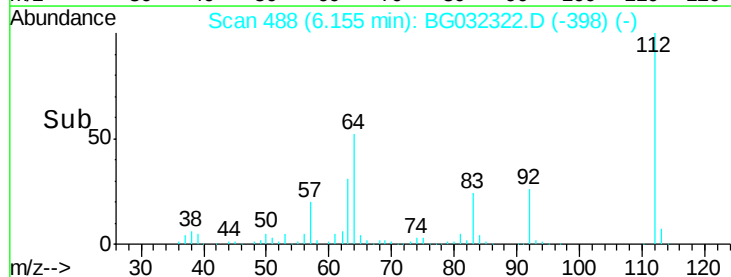
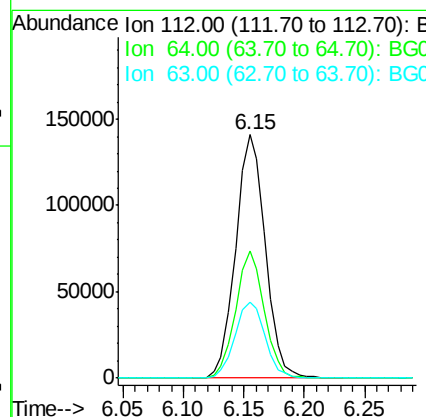
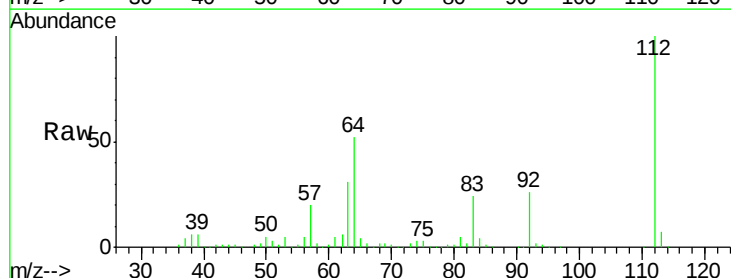
Tot Ion:152 Resp: 33128
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 52.6 53.0 79.4#

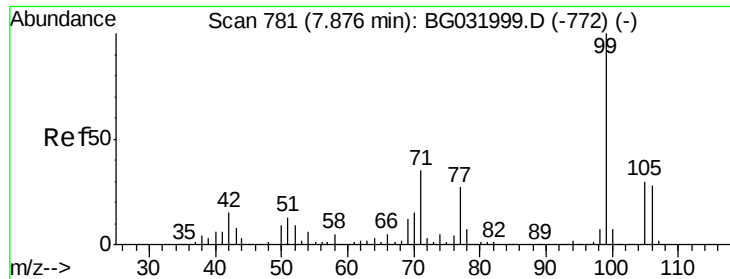


#5

2-Fluorophenol
Concen: 132.607 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032322.D
Acq: 26 Jan 2018 9:46

Tgt Ion:112 Resp: 240195
Ion Ratio Lower Upper
112 100
64 52.1 56.3 84.5#
63 31.2 30.1 45.1





#7

Phenol-d6

Concen: 117.279 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

Instrument :

BNA_G

ClientSampleId :

WC2

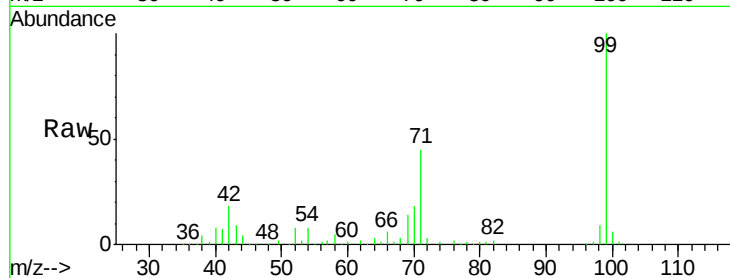
Tot Ion: 99 Resp: 267543

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 45.0 26.1 39.1#

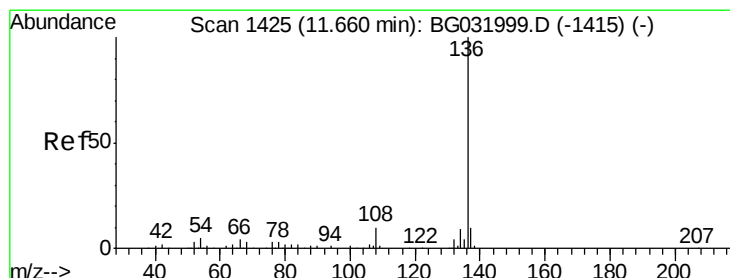
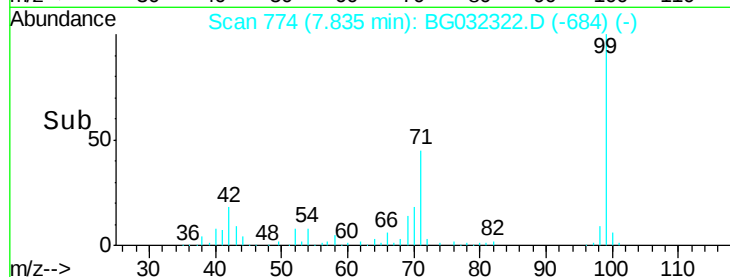
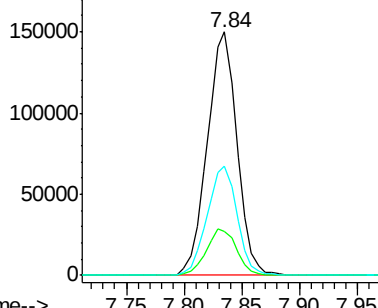


Abundance

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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

Tgt Ion: 136 Resp: 132536

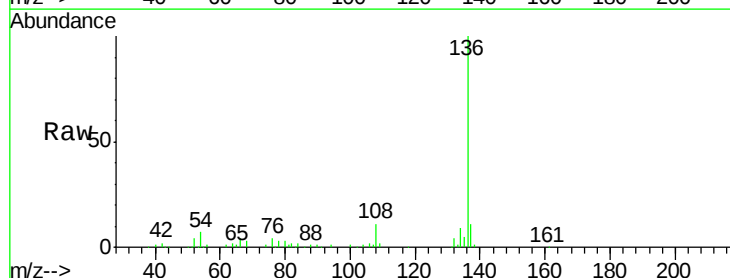
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.8 10.3 15.5#

68 2.9 4.5 6.7#



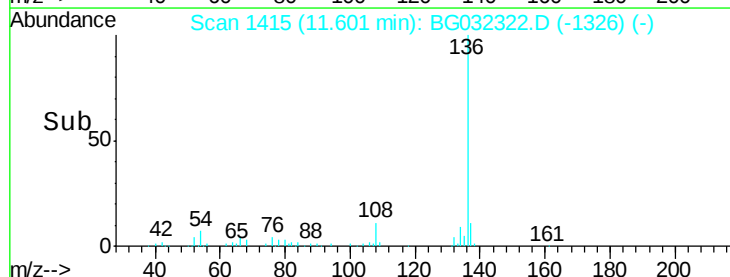
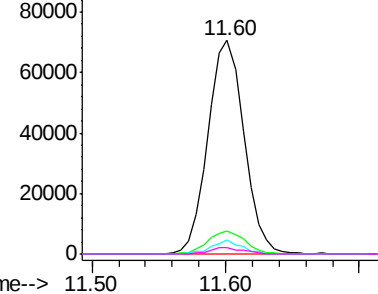
Abundance

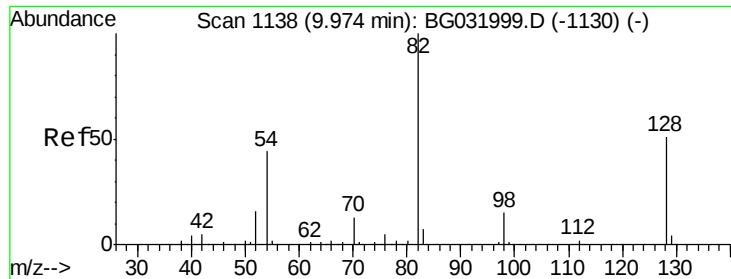
Ion 136.00 (135.70 to 136.70): BGC

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

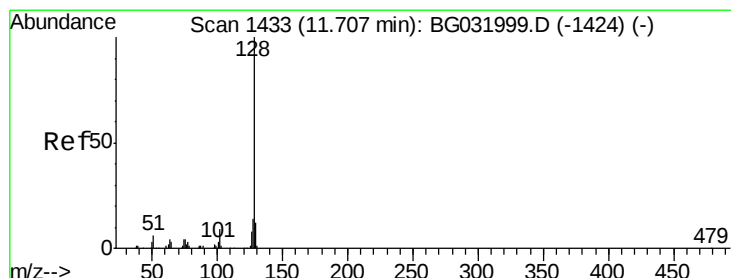
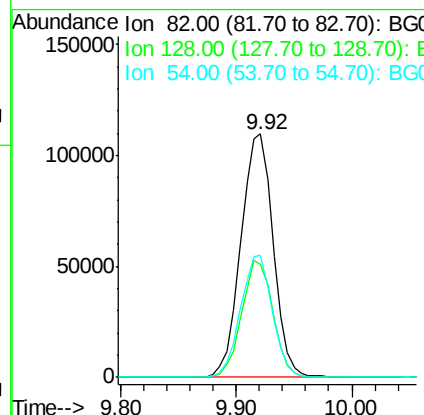
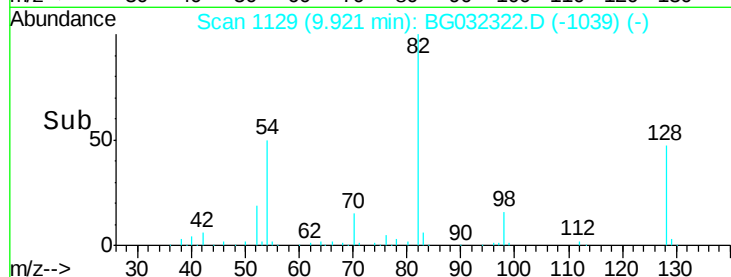
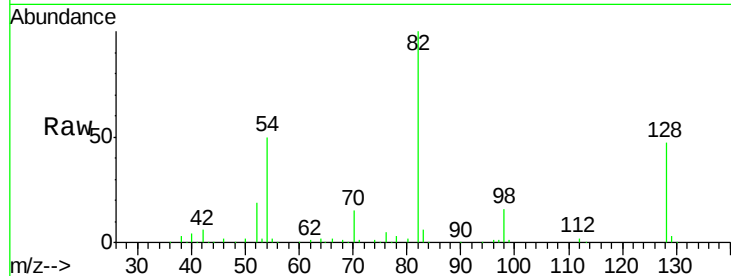




#23
 Nitrobenzene-d5
 Concen: 108.295 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032322.D
 Acq: 26 Jan 2018 9:46

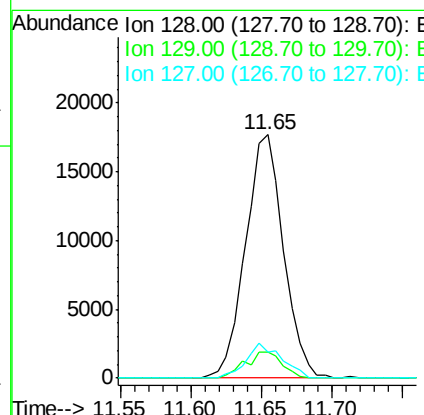
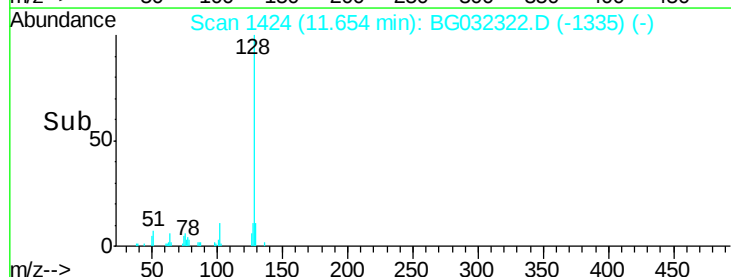
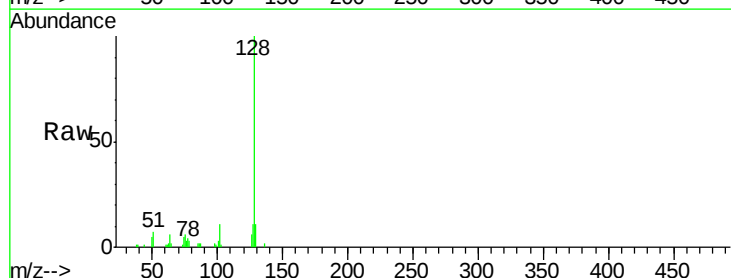
Instrument :
 BNA_G
 ClientSampleId :
 WC2

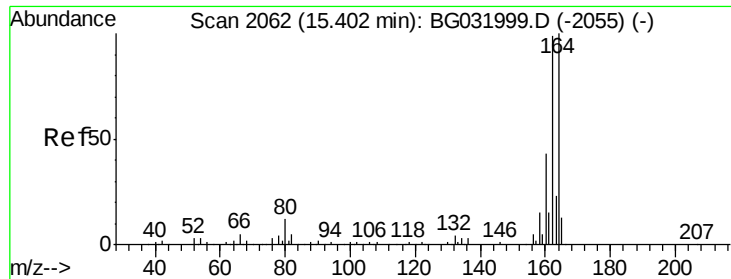
Tot Ion: 82 Resp: 212151
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 50.4 43.1 64.7



#31
 Naphthalene
 Concen: 5.075 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032322.D
 Acq: 26 Jan 2018 9:46

Tgt Ion: 128 Resp: 33317
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 10.8 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

Instrument :

BNA_G

ClientSampleId :

WC2

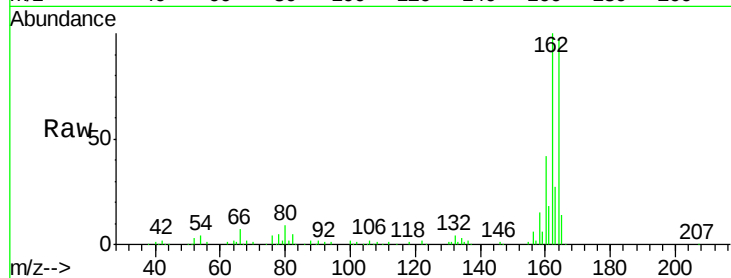
Tot Ion:164 Resp: 101090

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

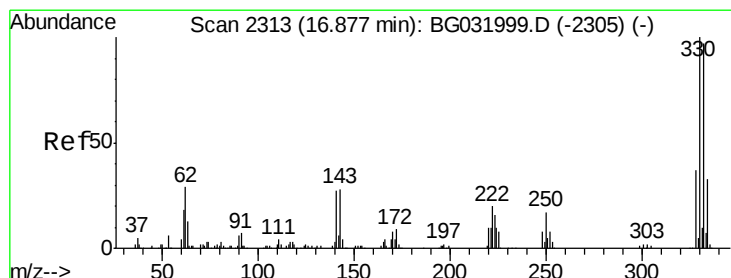
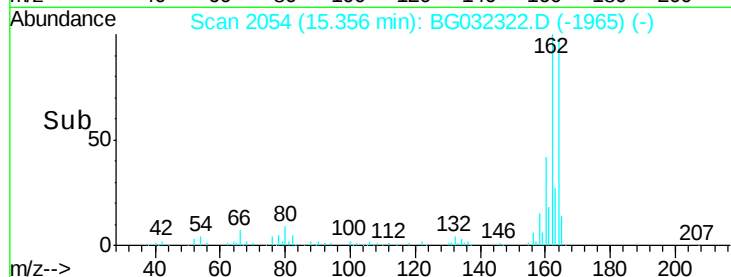
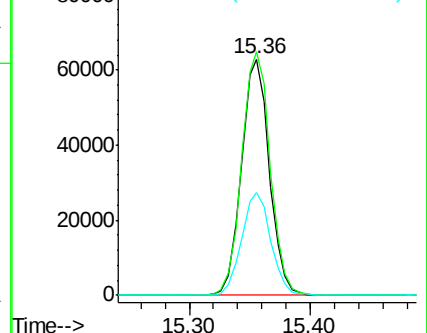
160 43.3 35.4 53.0



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: 169.717 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

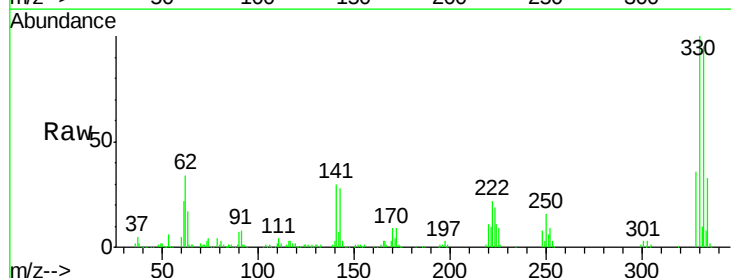
Tgt Ion:330 Resp: 283904

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

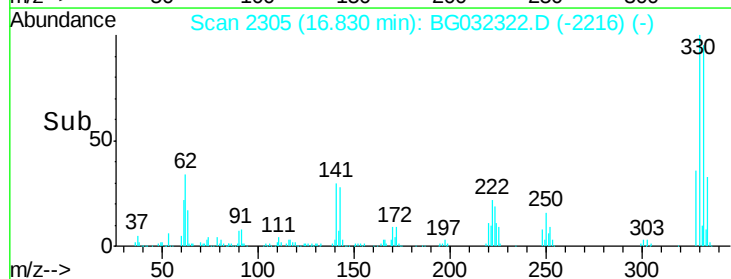
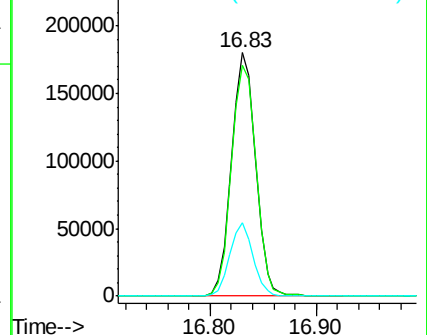
141 29.2 25.2 37.8

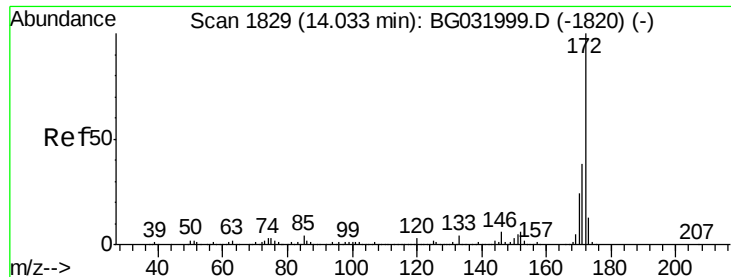


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

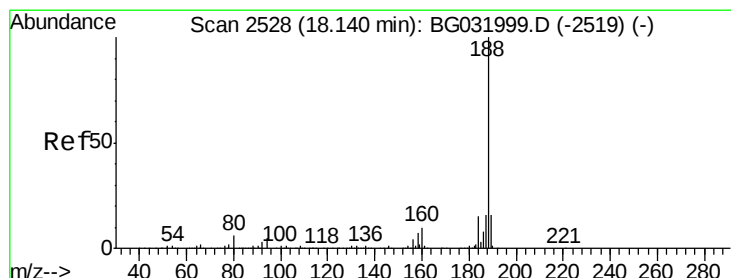
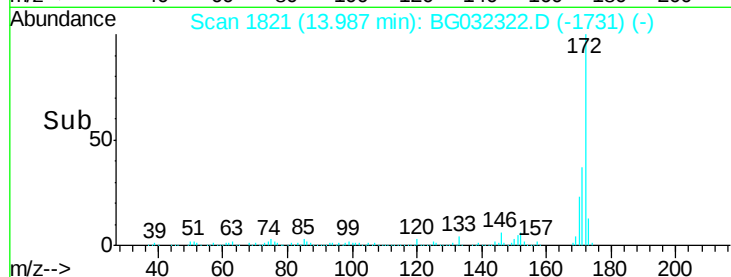
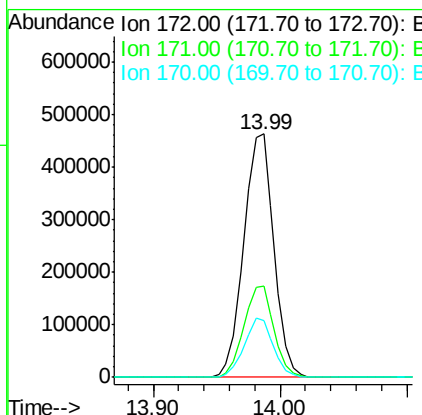
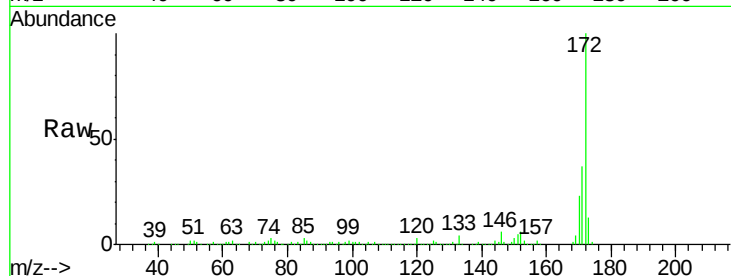




#44
 2-Fluorobiphenyl
 Concen: 93.547 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032322.D
 Acq: 26 Jan 2018 9:46

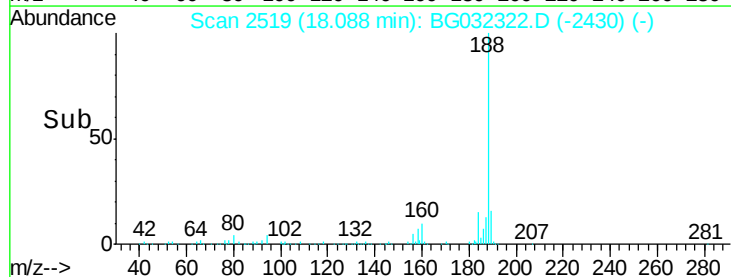
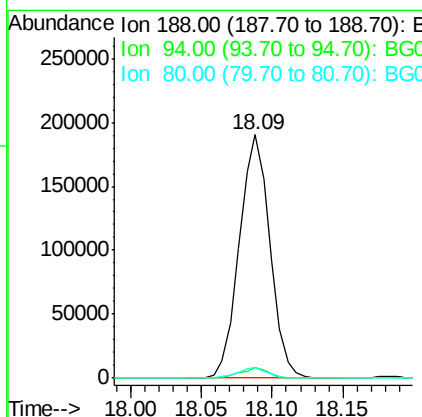
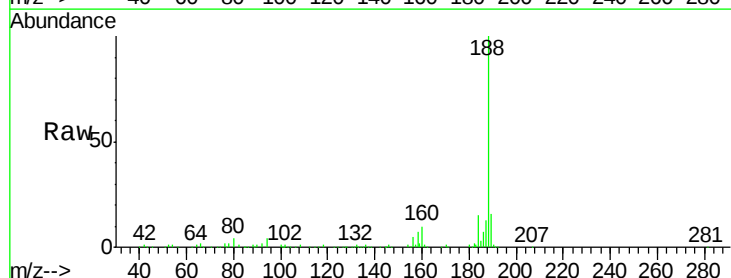
Instrument :
 BNA_G
 ClientSampleId :
 WC2

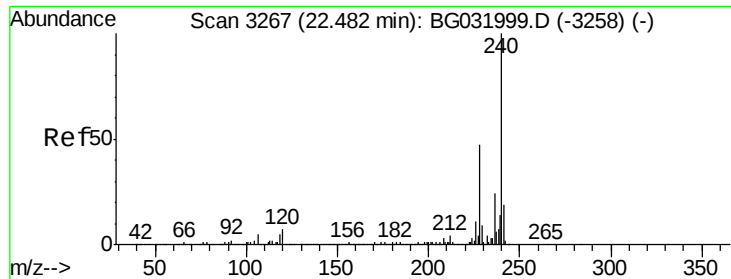
Tot Ion:172 Resp: 762668
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032322.D
 Acq: 26 Jan 2018 9:46

Tgt Ion:188 Resp: 288556
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 4.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

Instrument :

BNA_G

ClientSampled :

WC2

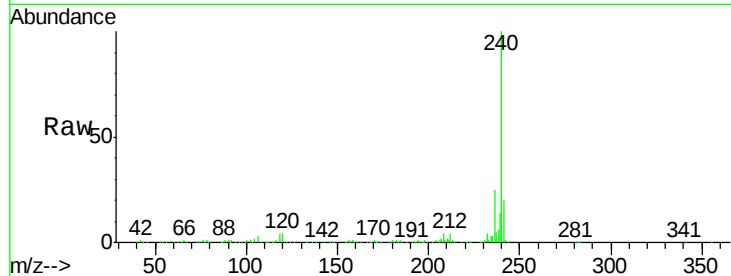
Tot Ion:240 Resp: 364405

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

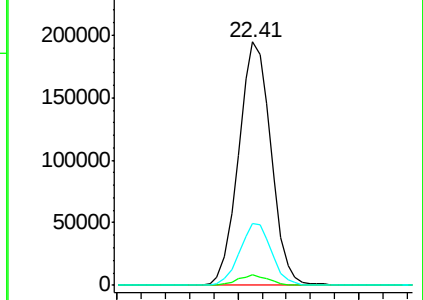
236 25.2 20.9 31.3



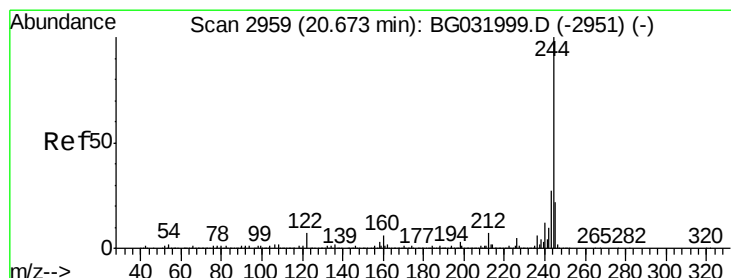
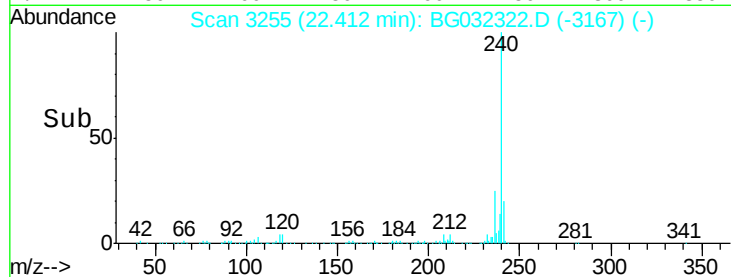
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.30 22.40 22.50



#78

Terphenyl-d14

Concen: 101.204 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

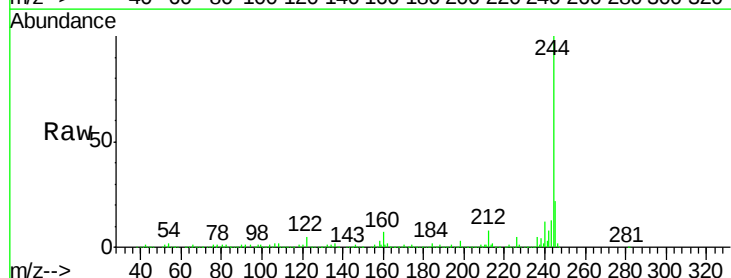
Tgt Ion:244 Resp: 1670218

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

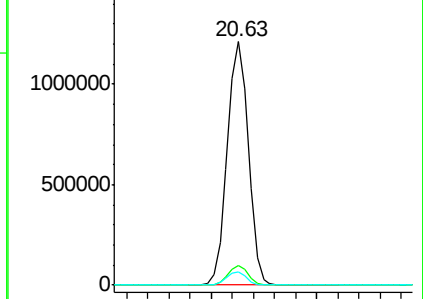
122 5.4 7.0 10.4#



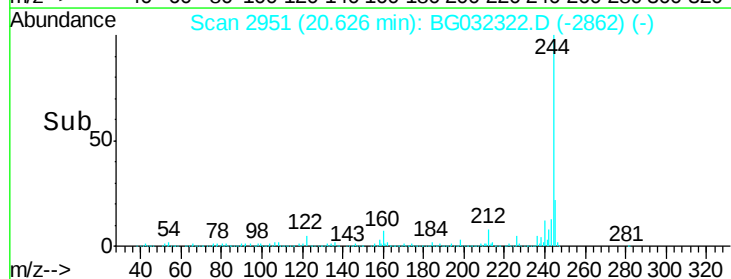
Abundance Ion 244.00 (243.70 to 244.70): E

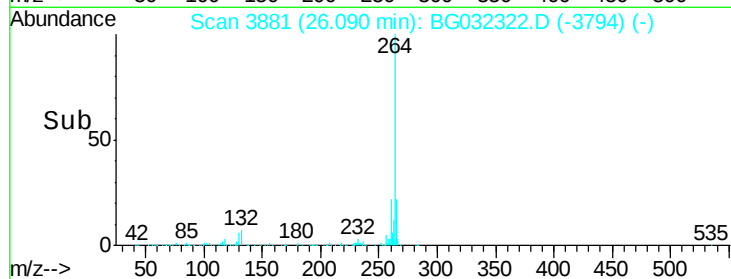
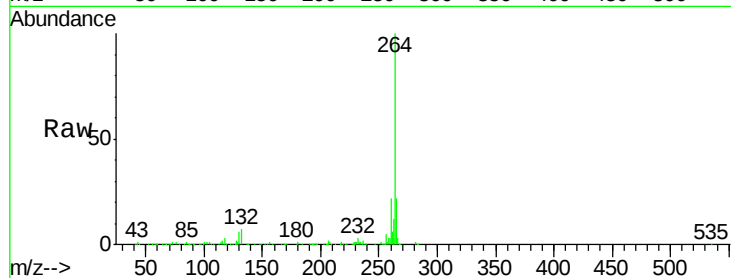
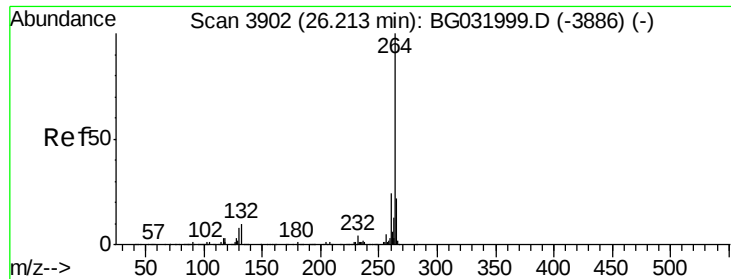
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.60 20.70





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032322.D

Acq: 26 Jan 2018 9:46

Instrument :

BNA_G

ClientSampleId :

WC2

Tot Ion:264 Resp: 385718

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.2 17.7 26.5

