

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032463.D
 Acq On : 31 Jan 2018 13:36
 Operator : SJ/JU
 Sample : J1310-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHVB0796

Quant Time: Jan 31 14:58:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

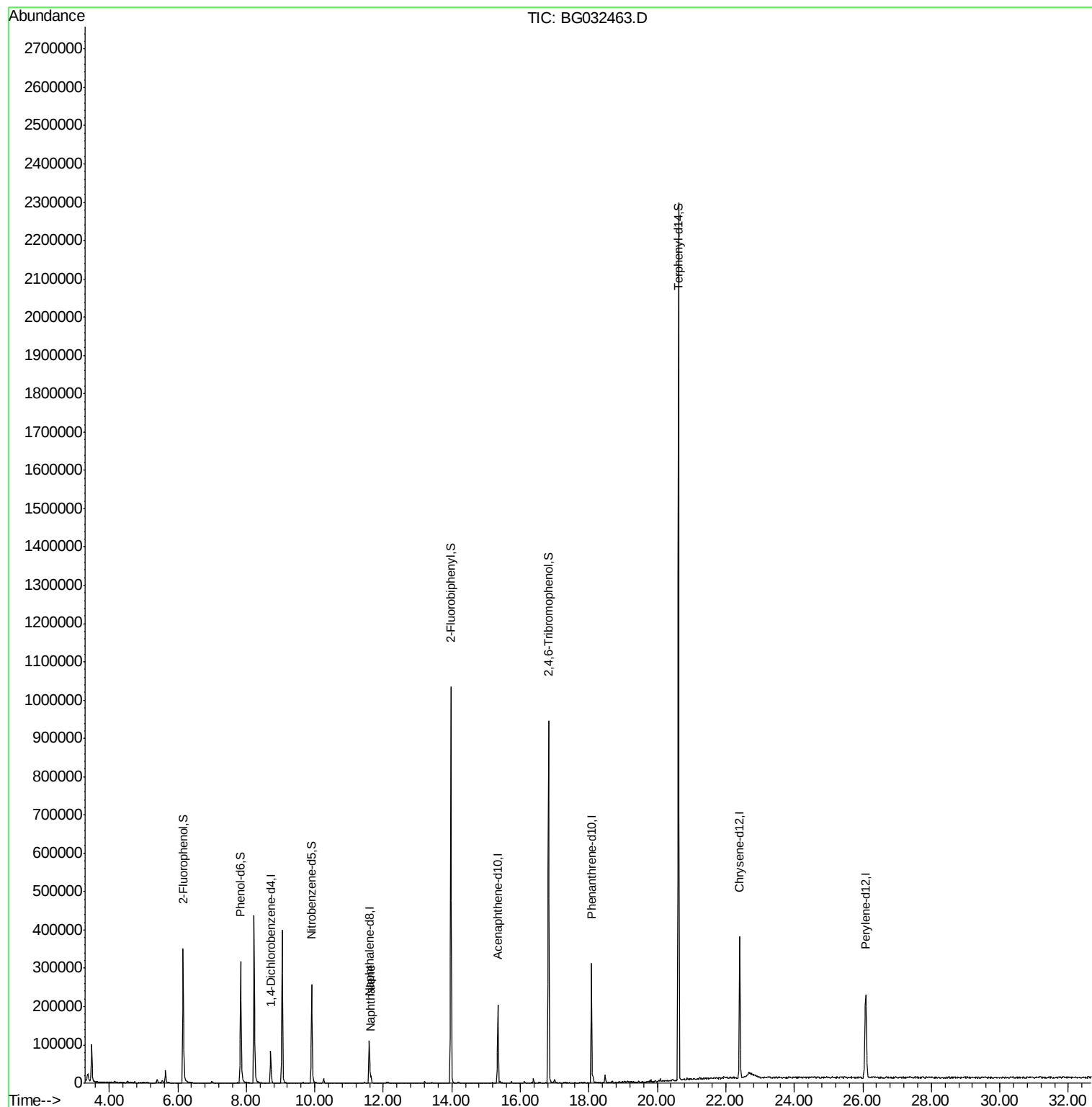
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30059	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	117419	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	79040	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	216954	20.00	ng	0.00
75) Chrysene-d12	22.41	240	279973	20.00	ng	-0.01
86) Perylene-d12	26.08	264	300610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	194443	129.93	ng	0.00
7) Phenol-d6	7.83	99	216864	108.59	ng	0.00
23) Nitrobenzene-d5	9.91	82	167222	88.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	223851	148.78	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	621121	93.40	ng	-0.01
78) Terphenyl-d14	20.62	244	1239971	94.87	ng	0.00
Target Compounds						
31) Naphthalene	11.64	128	17478	3.048	ng	Qvalue 98

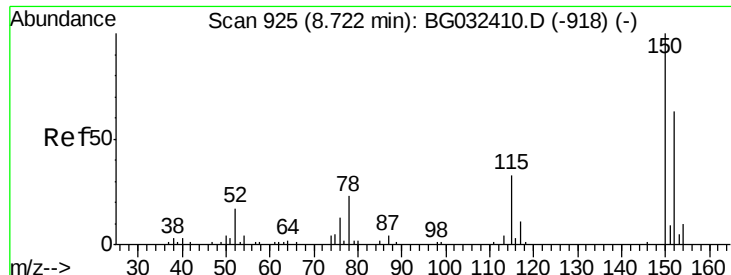
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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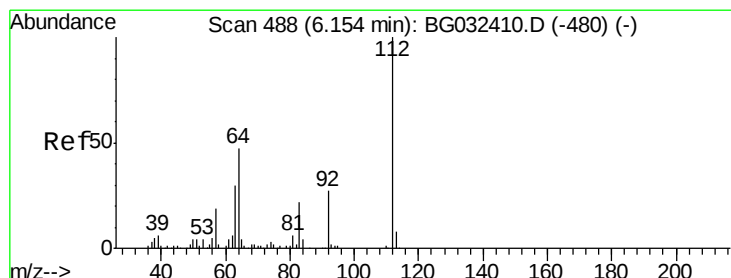
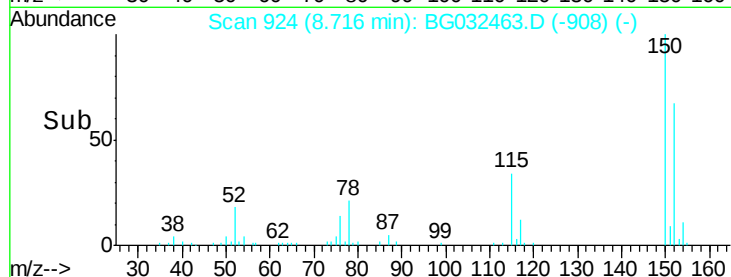
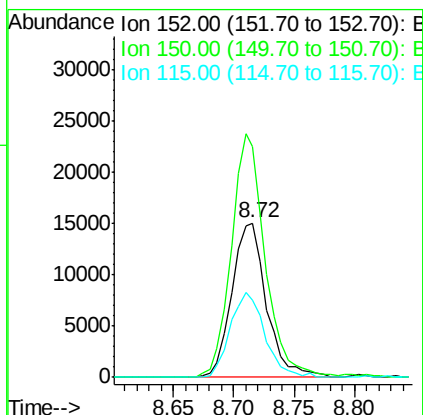
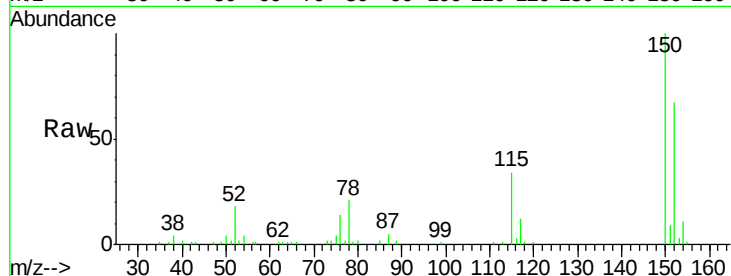


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032463.D
Acq: 31 Jan 2018 13:36

Instrument :
BNA_G
ClientSampleId :
CHVB0796

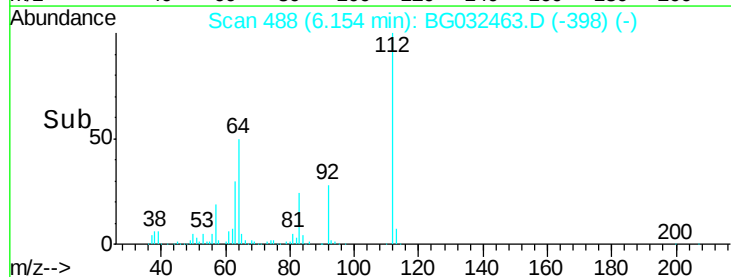
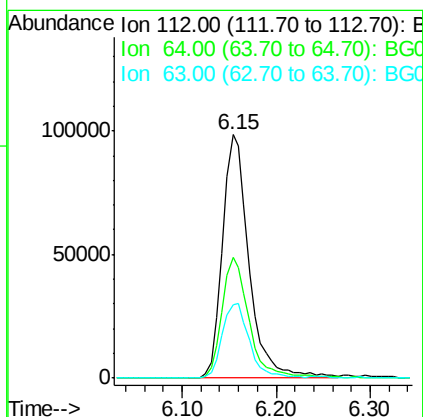
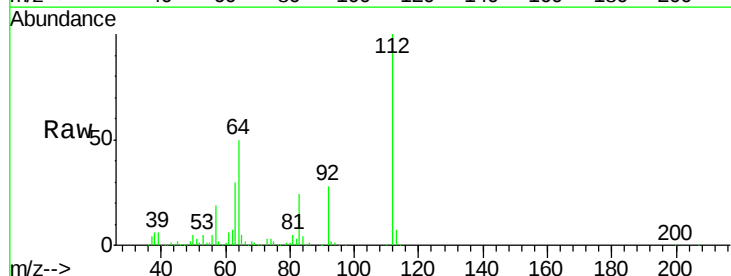
Tot Ion:152 Resp: 30059
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 50.4 53.0 79.4#

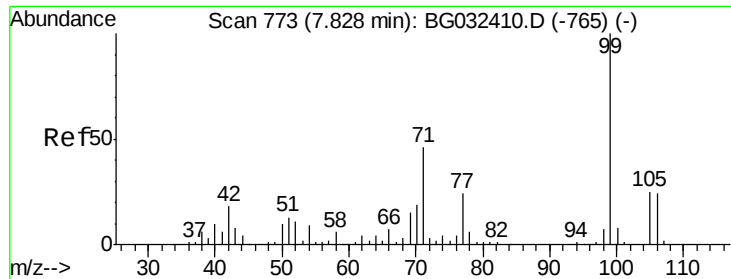


#5

2-Fluorophenol
Concen: 129.928 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032463.D
Acq: 31 Jan 2018 13:36

Tgt Ion:112 Resp: 194443
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 108.594 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

Instrument :

BNA_G

ClientSampleId :

CHVB0796

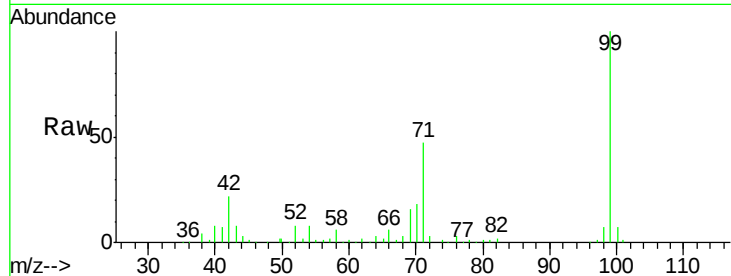
Tot Ion: 99 Resp: 216864

Ion Ratio Lower Upper

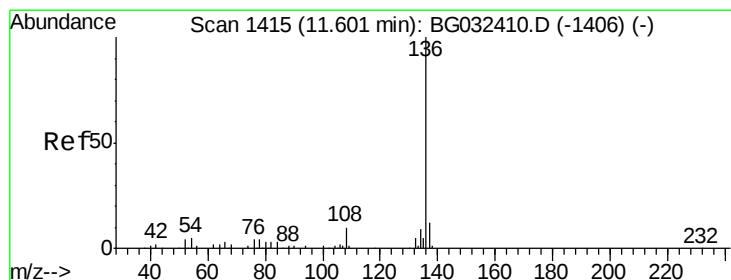
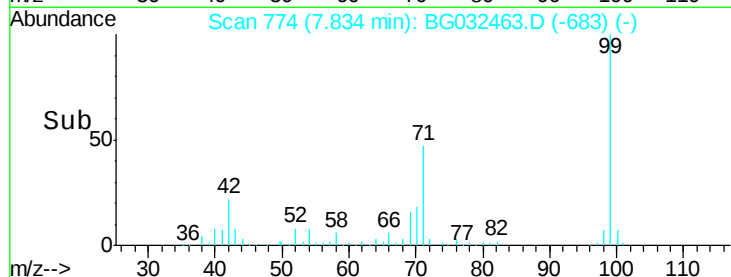
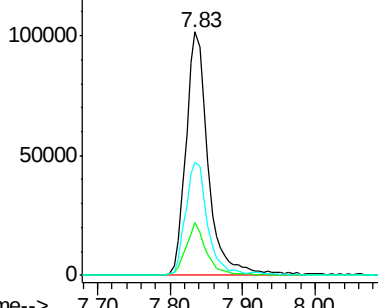
99 100

42 21.7 14.1 21.1#

71 46.6 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

Tgt Ion: 136 Resp: 117419

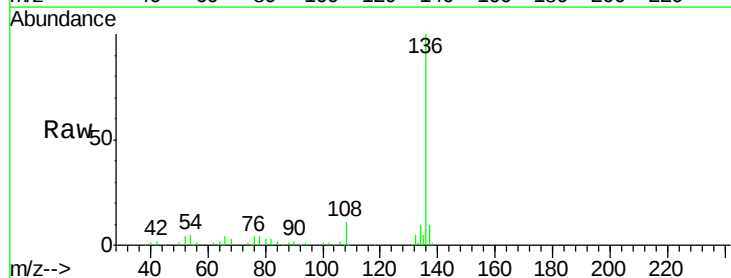
Ion Ratio Lower Upper

136 100

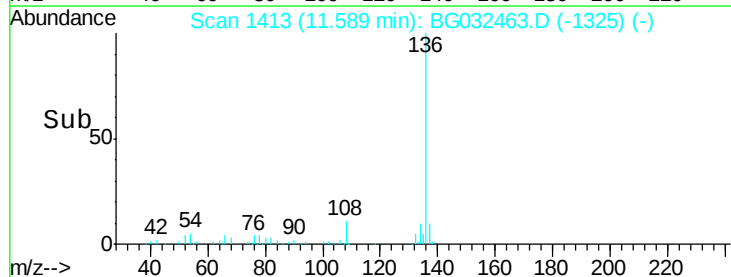
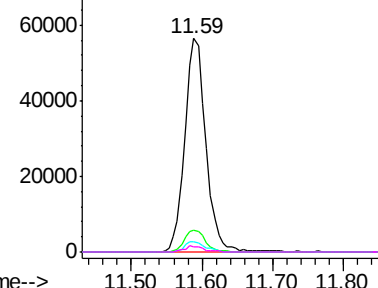
137 10.1 9.2 13.8

54 5.4 10.3 15.5#

68 2.6 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

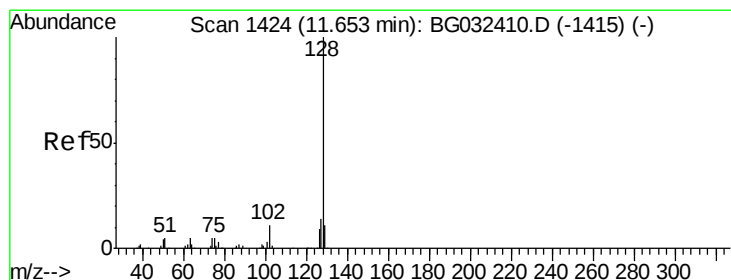
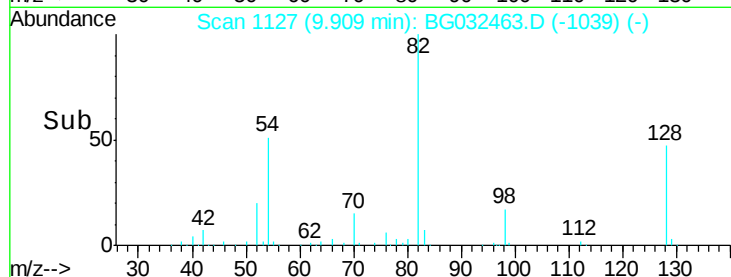
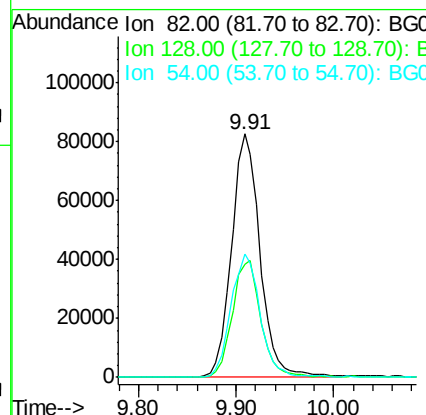
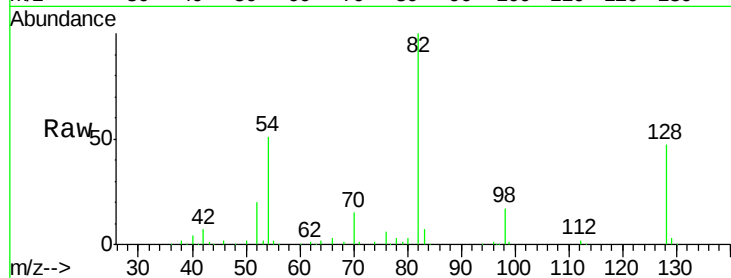




#23
Nitrobenzene-d5
Concen: 88.953 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032463.D
Acq: 31 Jan 2018 13:36

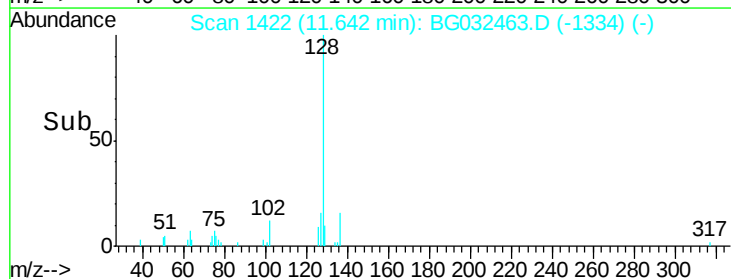
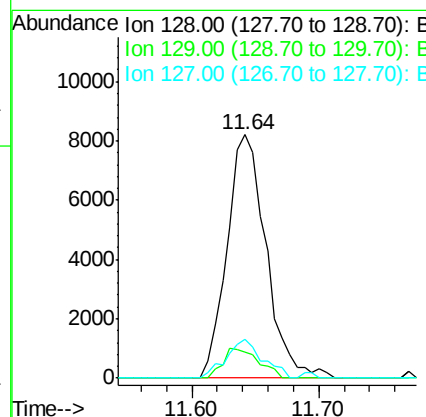
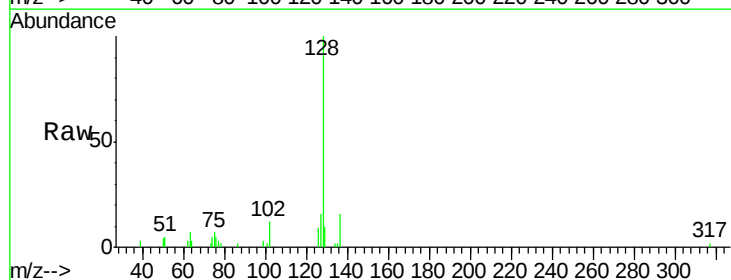
Instrument :
BNA_G
ClientSampleId :
CHVB0796

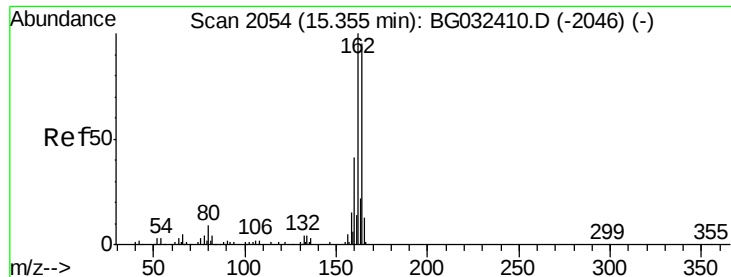
Tot Ion: 82 Resp: 167222
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 50.6 43.1 64.7



#31
Naphthalene
Concen: 3.048 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032463.D
Acq: 31 Jan 2018 13:36

Tgt Ion: 128 Resp: 17478
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 15.8 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

Instrument :

BNA_G

ClientSampleId :

CHVB0796

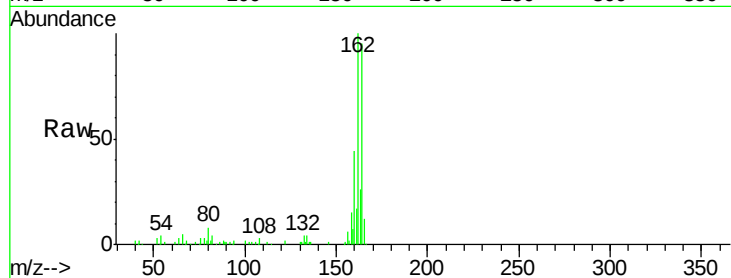
Tot Ion:164 Resp: 79040

Ion Ratio Lower Upper

164 100

162 105.8 78.8 118.2

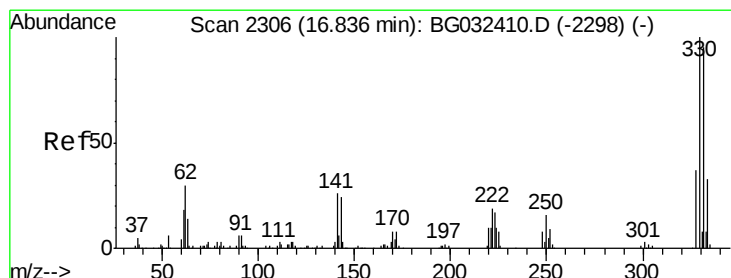
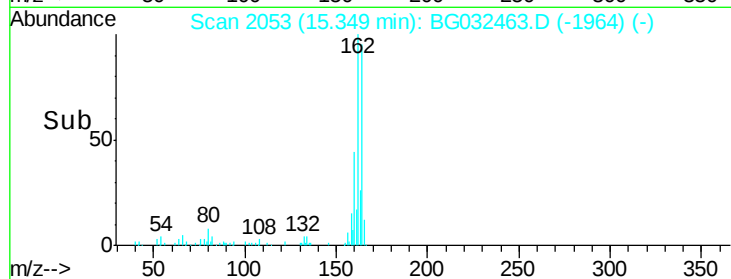
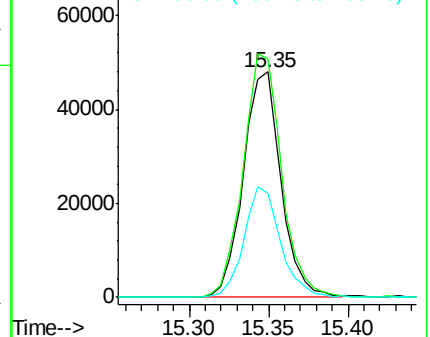
160 46.0 35.4 53.0



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: 148.785 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

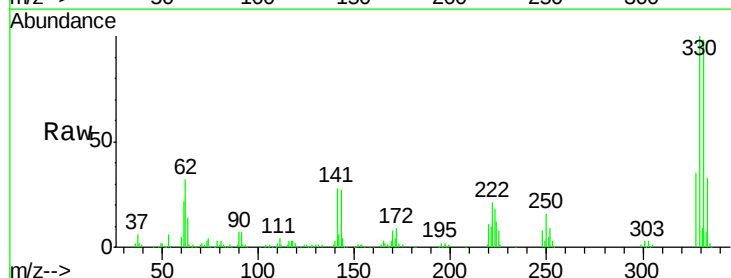
Tgt Ion:330 Resp: 223851

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

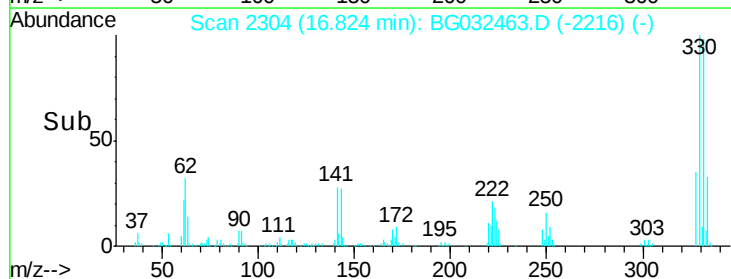
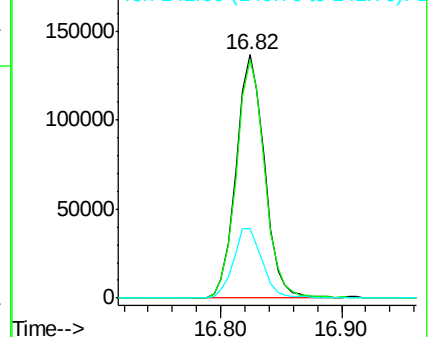
141 28.9 25.2 37.8

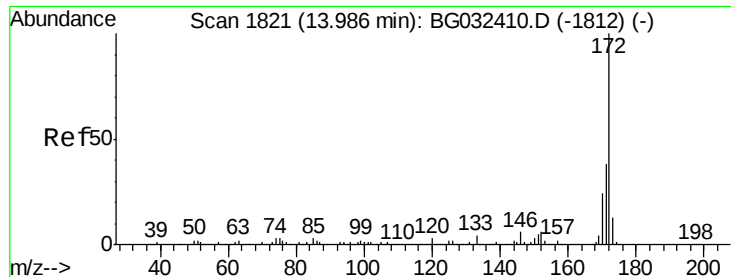


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

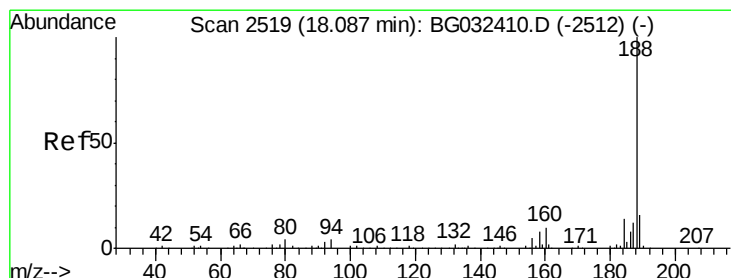
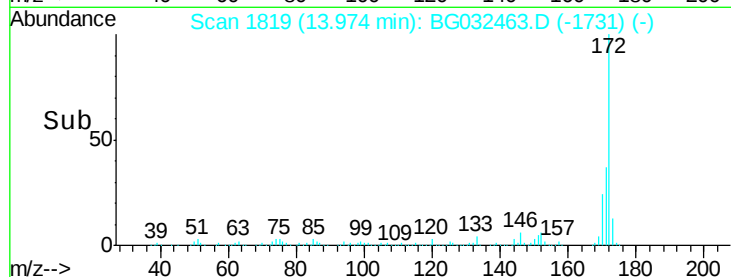
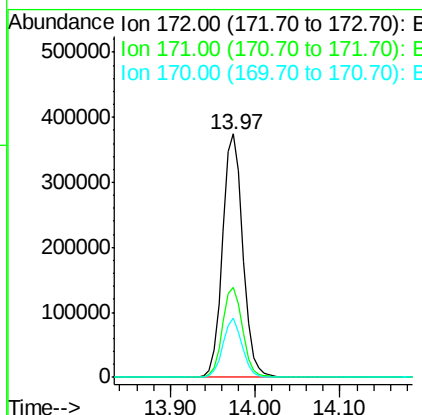
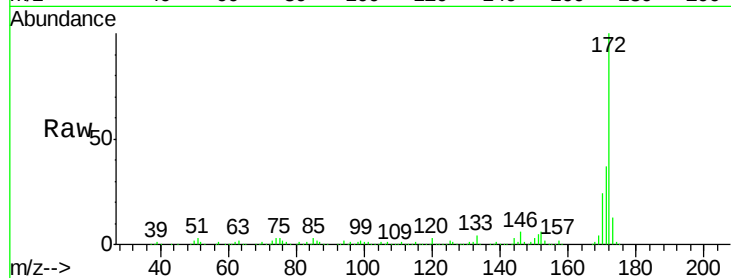




#44
 2-Fluorobiphenyl
 Concen: 93.401 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032463.D
 Acq: 31 Jan 2018 13:36

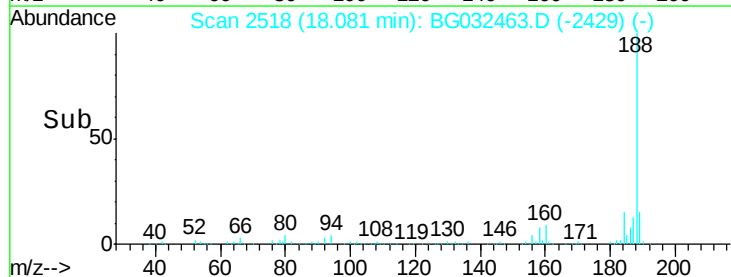
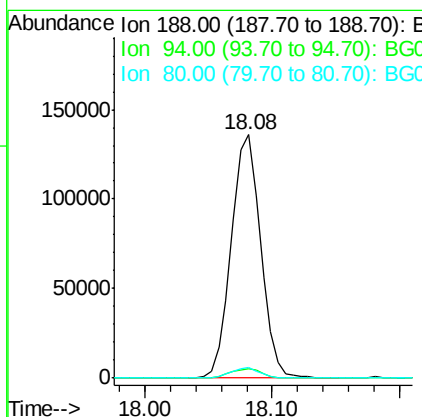
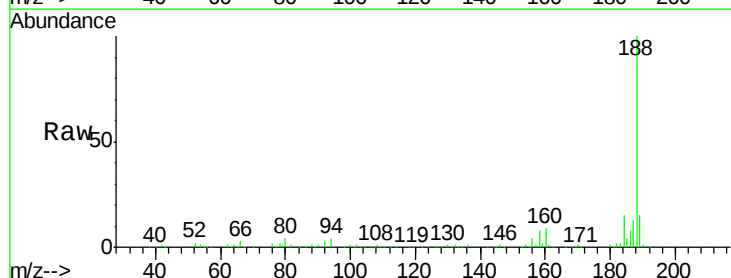
Instrument :
 BNA_G
 ClientSampleId :
 CHVB0796

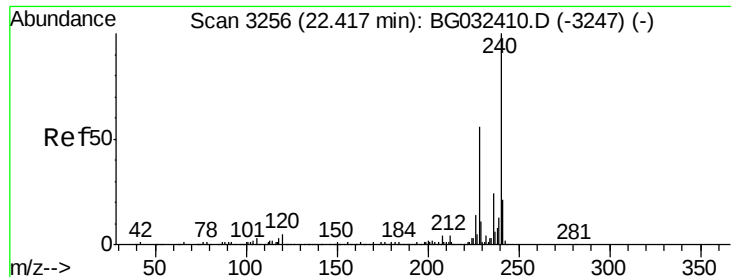
Tot Ion:172 Resp: 621121
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG032463.D
 Acq: 31 Jan 2018 13:36

Tgt Ion:188 Resp: 216954
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

Instrument :

BNA_G

ClientSampleId :

CHVB0796

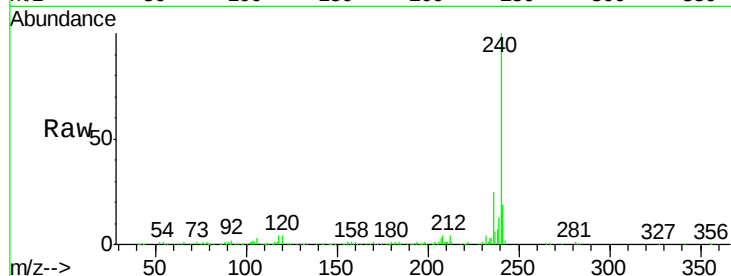
Tot Ion:240 Resp: 279973

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

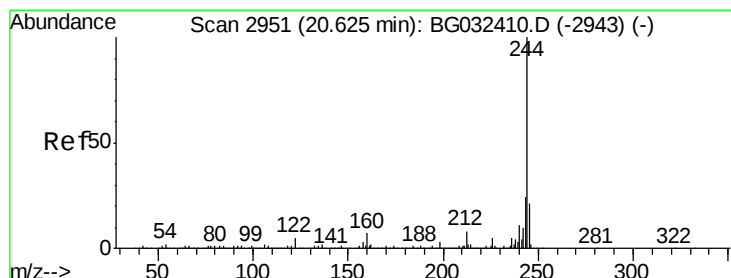
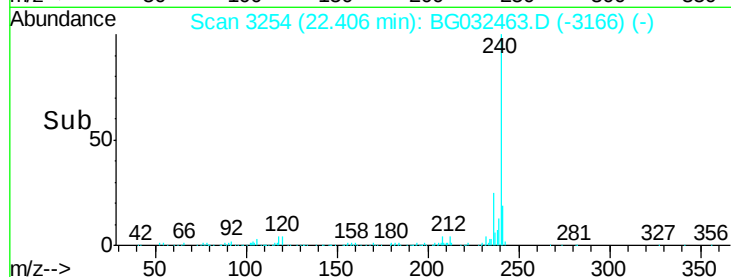
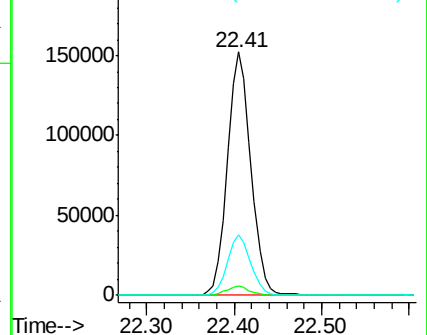
236 25.1 20.9 31.3



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: 94.871 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032463.D

Acq: 31 Jan 2018 13:36

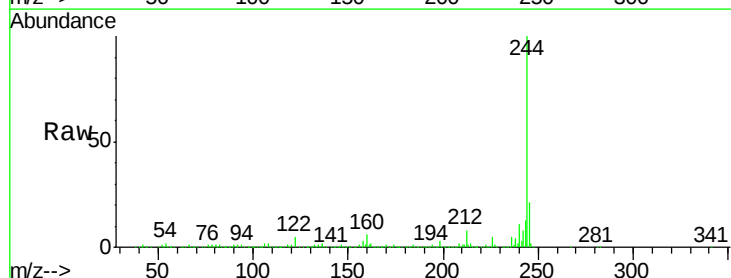
Tgt Ion:244 Resp: 1239971

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

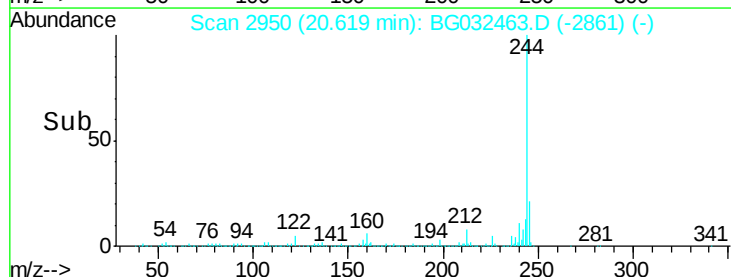
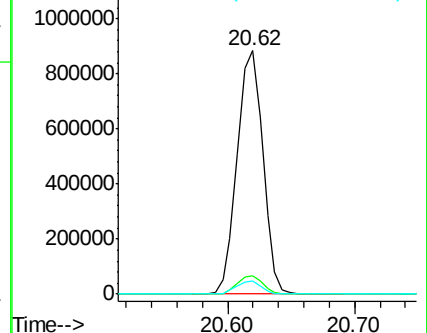
122 5.2 7.0 10.4#

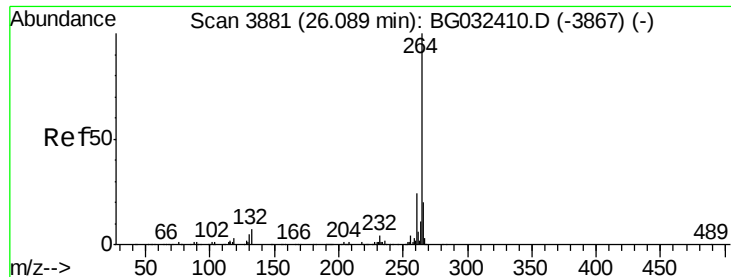


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BG032463.D
 Acq: 31 Jan 2018 13:36

Instrument :
 BNA_G
 ClientSampleId :
 CHVB0796

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.7	17.7	26.5

