

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031773.D
 Acq On : 26 Dec 2017 22:15
 Operator : SJ/JU
 Sample : I7049-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3074-RT-917

Quant Time: Dec 27 05:54:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

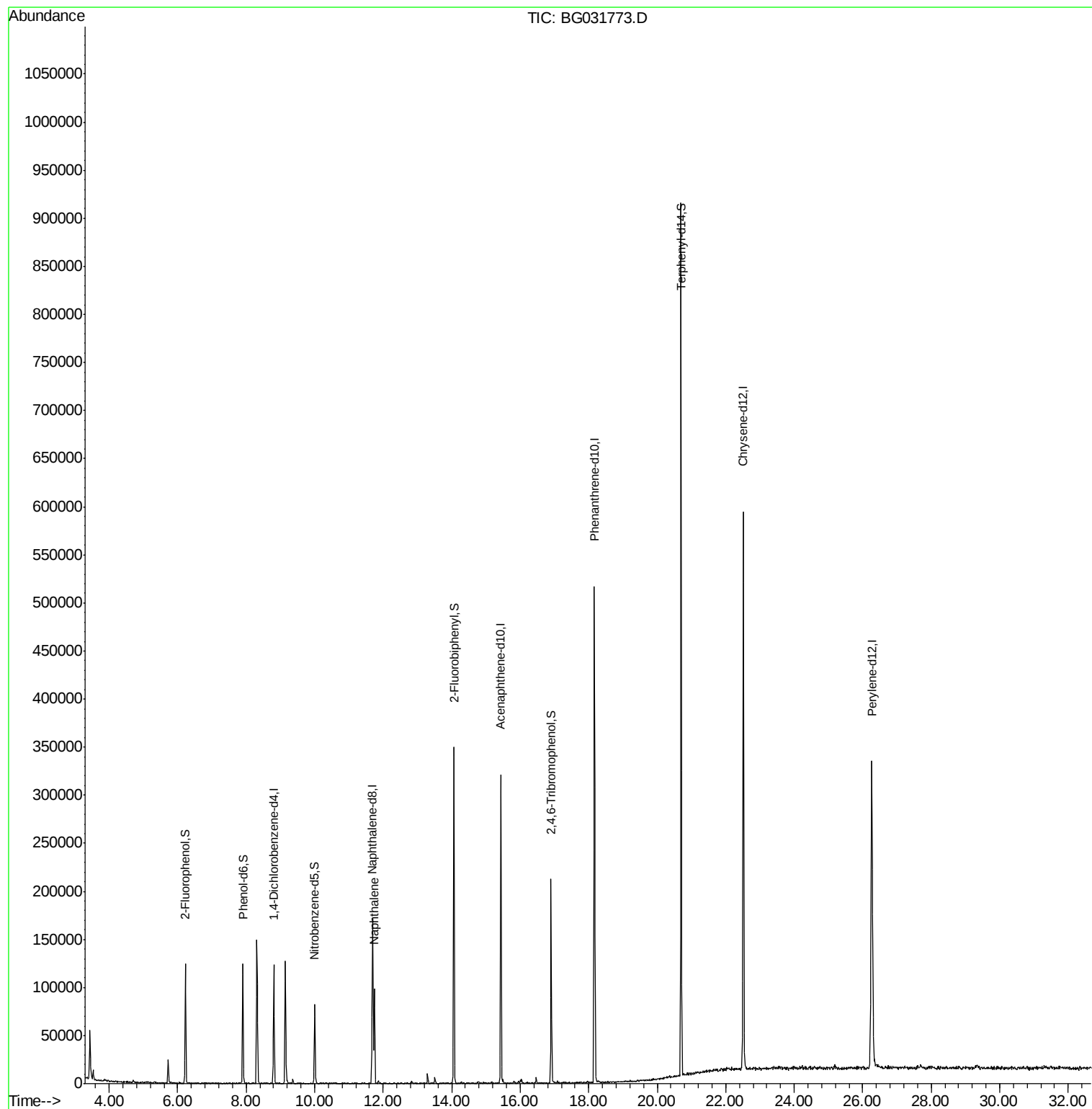
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	43223	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	179511	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	128815	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	353986	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	434137	20.00	ng	-0.06
86) Perylene-d12	26.27	264	455960	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	72657	30.62	ng	-0.02
7) Phenol-d6	7.90	99	84706	27.49	ng	-0.03
23) Nitrobenzene-d5	10.00	82	52854	22.23	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	52336	26.63	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	214840	20.93	ng	-0.03
78) Terphenyl-d14	20.70	244	508194	26.74	ng	-0.04
Target Compounds						
31) Naphthalene	11.74	128	95663	10.559	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

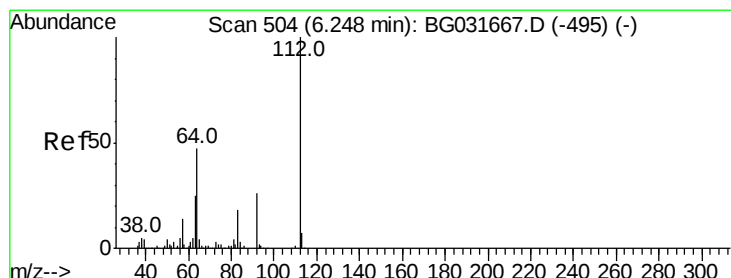
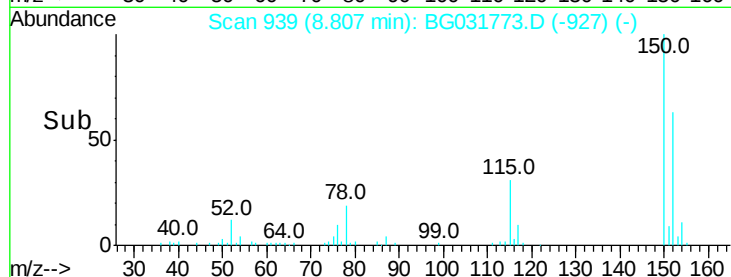
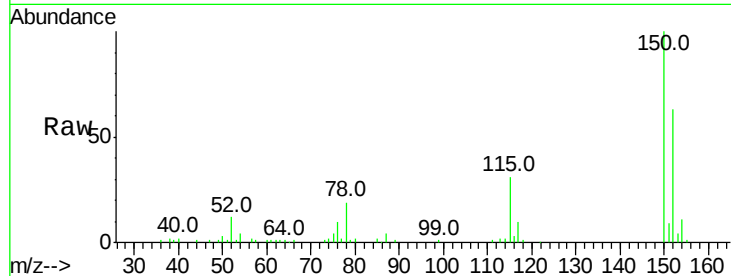
Tot Ion:152 Resp: 43223

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

115 48.8 53.0 79.4#



#5

2-Fluorophenol

Concen: 30.617 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

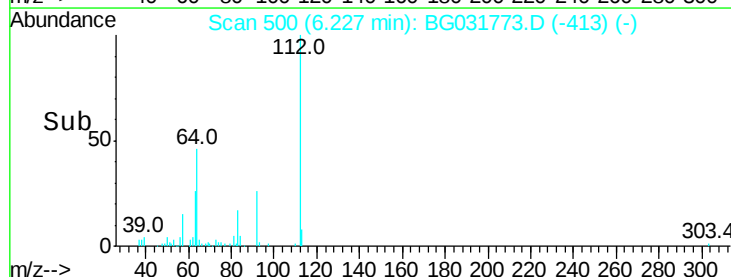
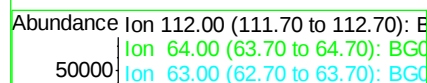
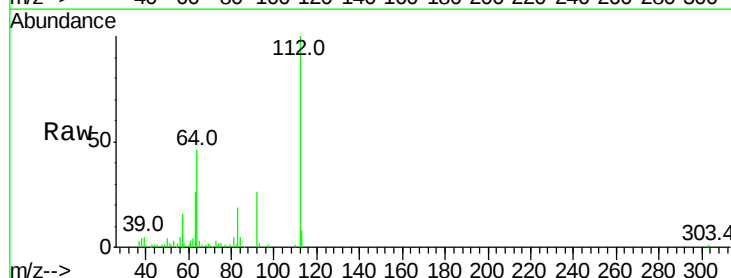
Tgt Ion:112 Resp: 72657

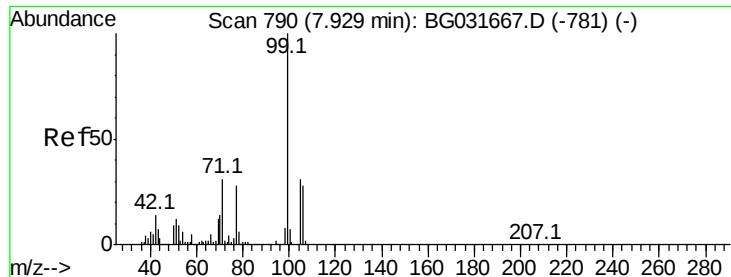
Ion Ratio Lower Upper

112 100

64 46.2 56.3 84.5#

63 25.8 30.1 45.1#





#7

Phenol-d6

Concen: 27.493 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

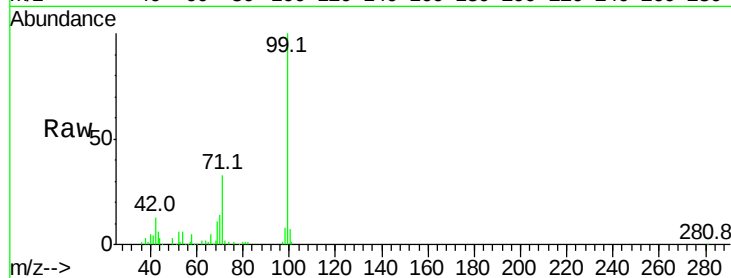
Tot Ion: 99 Resp: 84706

Ion Ratio Lower Upper

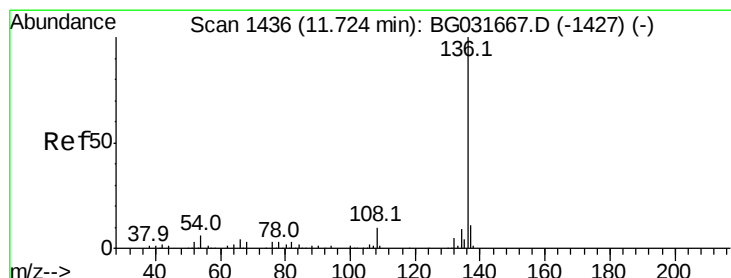
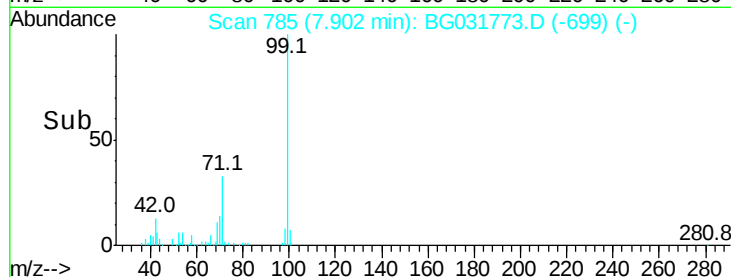
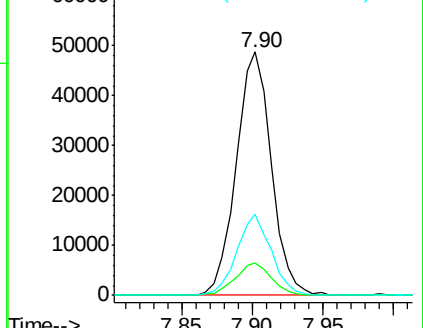
99 100

42 13.2 14.1 21.1#

71 33.1 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Tgt Ion: 136 Resp: 179511

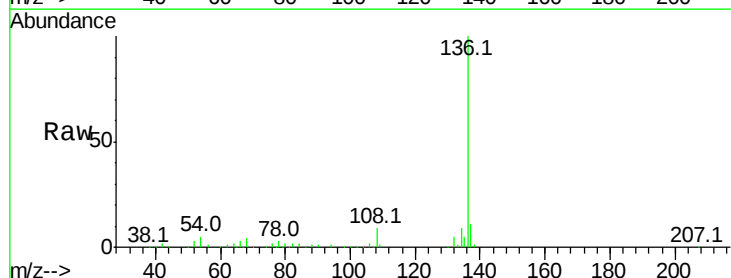
Ion Ratio Lower Upper

136 100

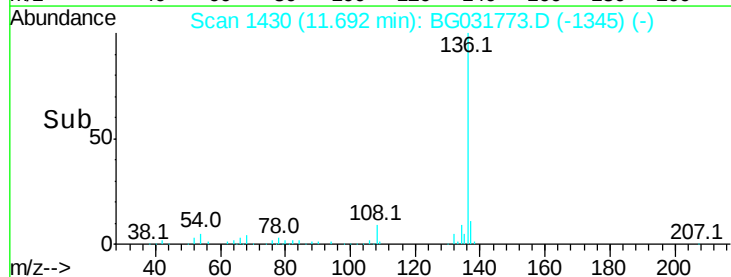
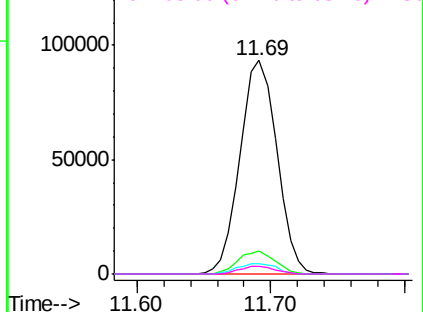
137 11.1 9.2 13.8

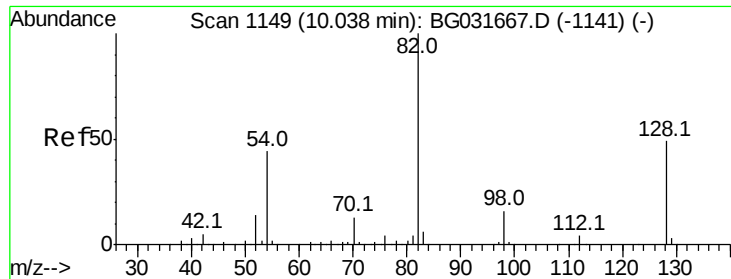
54 4.6 10.3 15.5#

68 3.8 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: 22.233 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.04 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

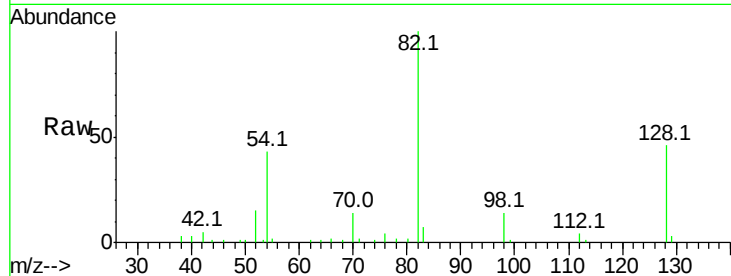
Tot Ion: 82 Resp: 52854

Ion Ratio Lower Upper

82 100

128 45.6 29.7 44.5#

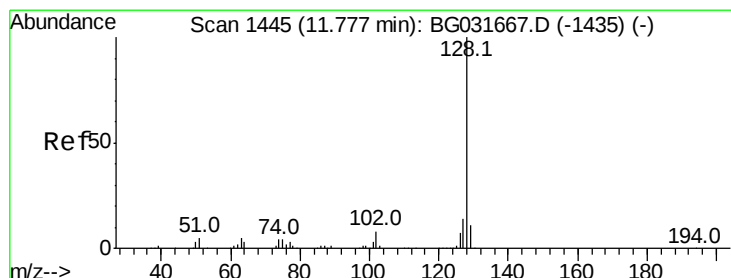
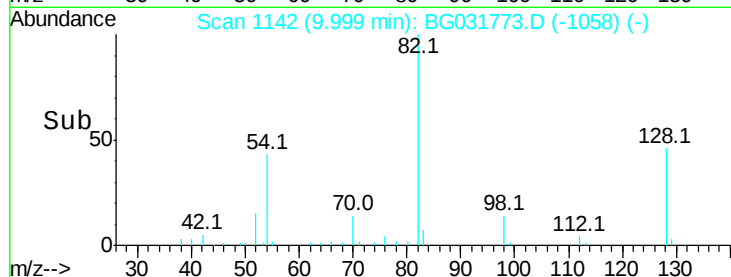
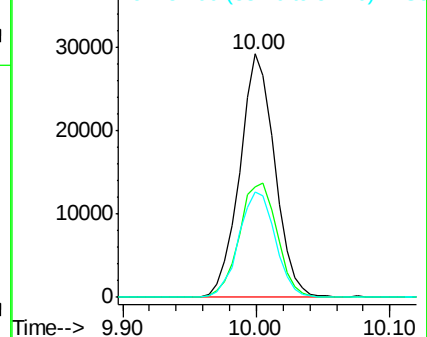
54 43.1 43.1 64.7#



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: 10.559 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

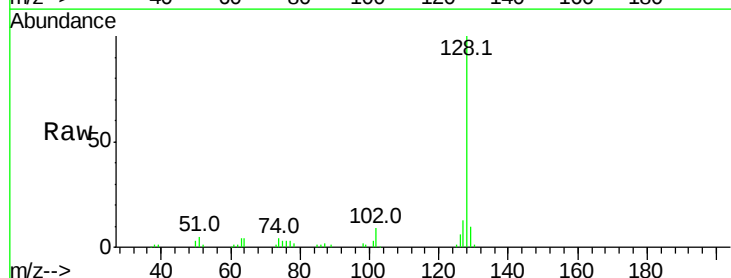
Tgt Ion: 128 Resp: 95663

Ion Ratio Lower Upper

128 100

129 9.9 8.6 12.8

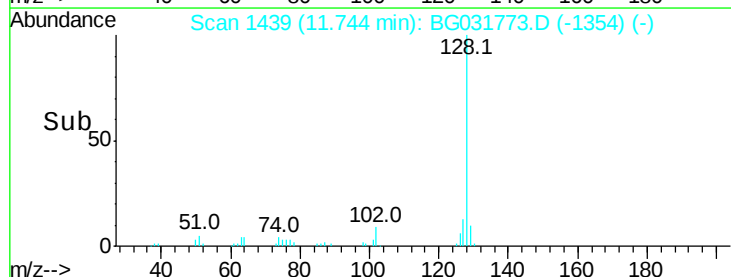
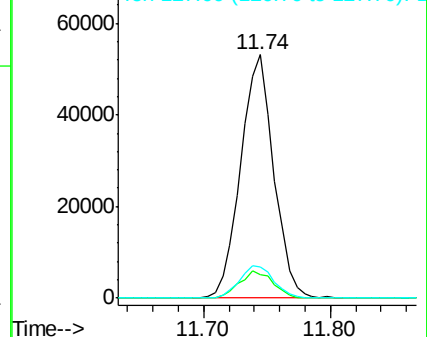
127 13.0 11.6 17.4

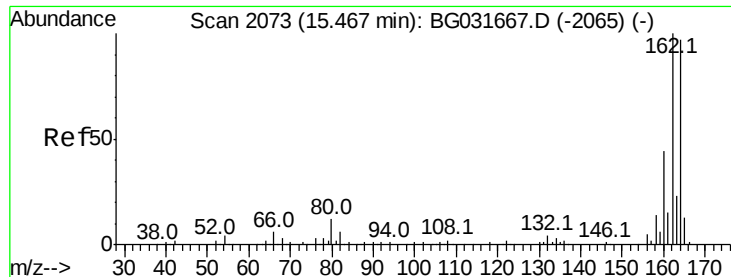


Abundance Ion 128.00 (127.70 to 128.70): BGC

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: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

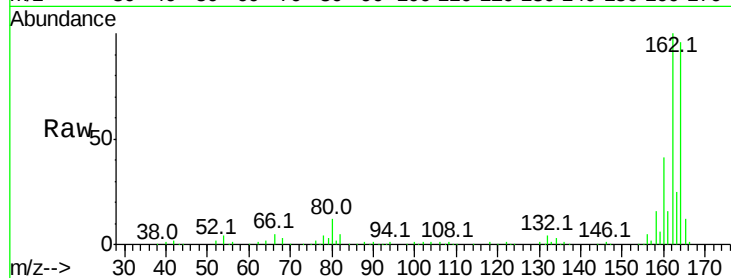
Tot Ion:164 Resp: 128815

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

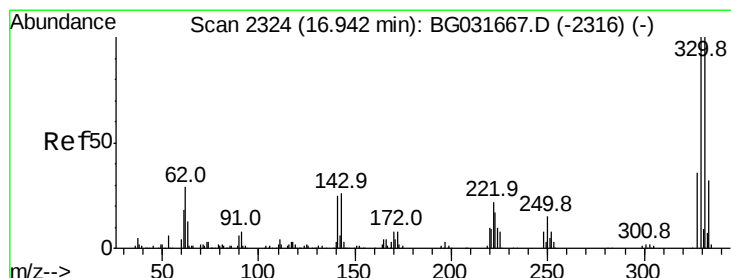
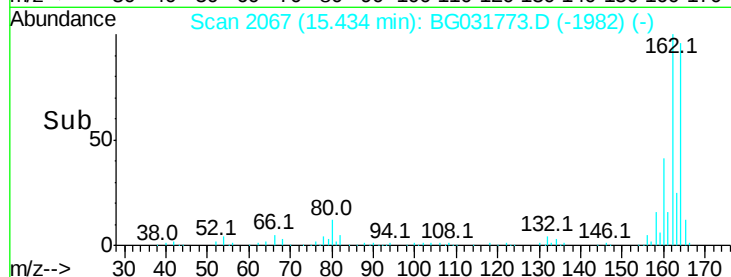
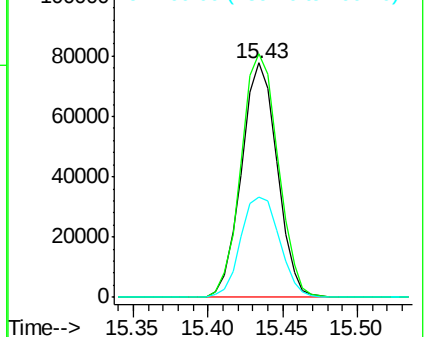
160 43.0 35.4 53.0



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: 26.627 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

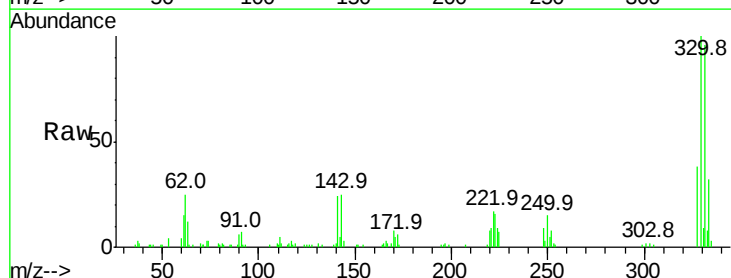
Tgt Ion:330 Resp: 52336

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

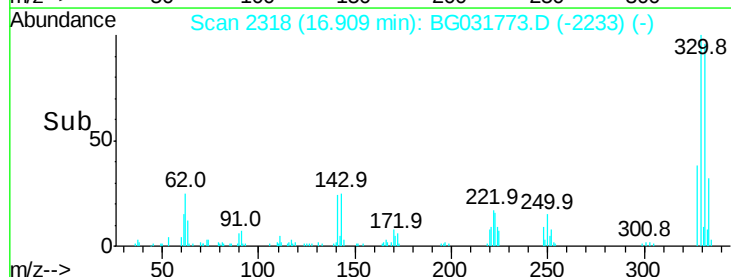
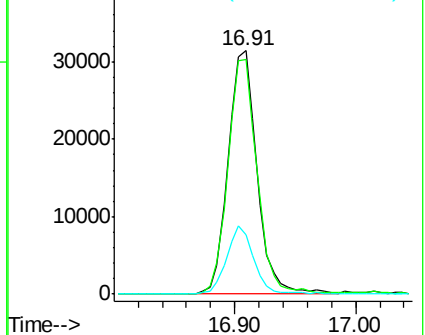
141 26.2 25.2 37.8



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

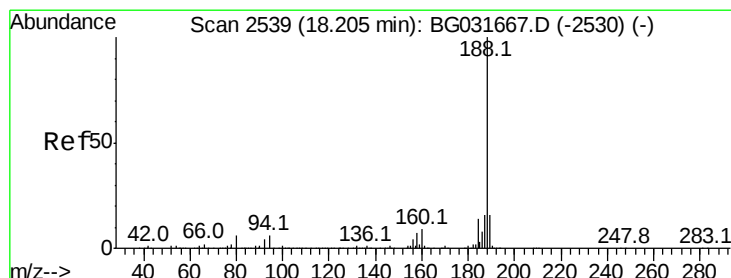
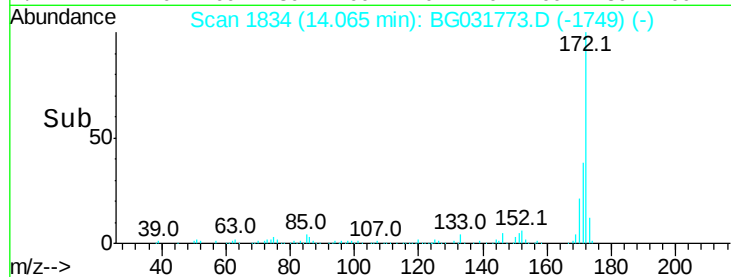
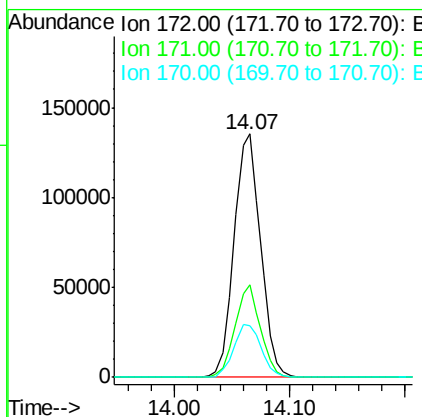
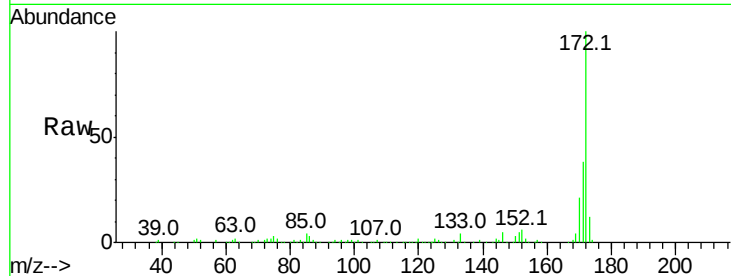




#44
2-Fluorobiphenyl
Concen: 20.933 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

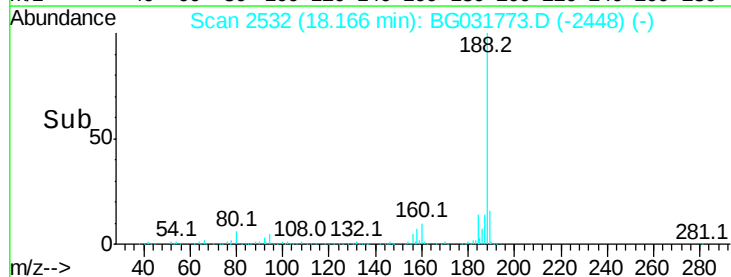
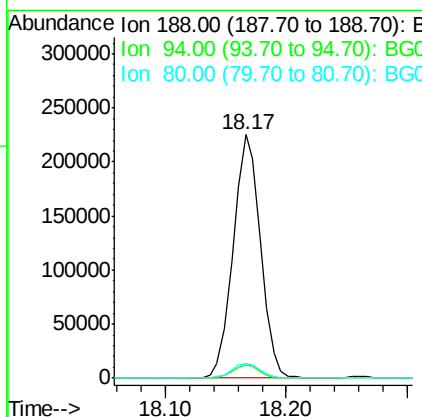
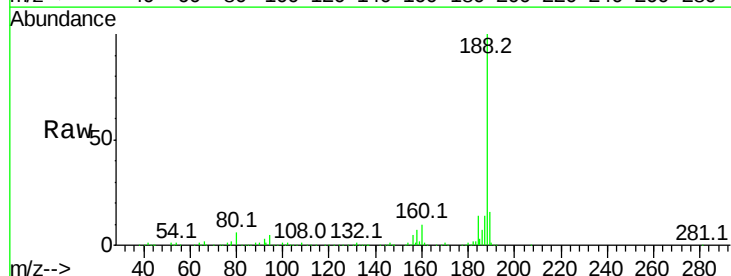
Instrument :
BNA_G
ClientSampleId :
RT-3074-RT-917

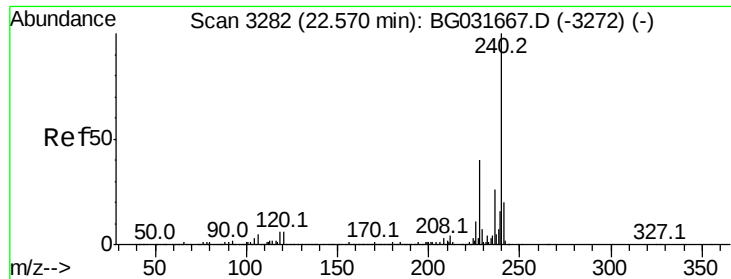
Tot Ion:172 Resp: 214840
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 21.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

Tgt Ion:188 Resp: 353986
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

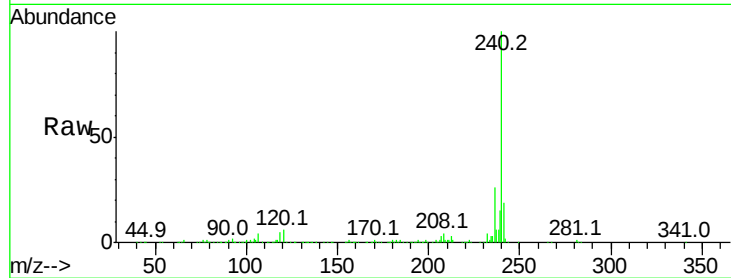
Tot Ion:240 Resp: 434137

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

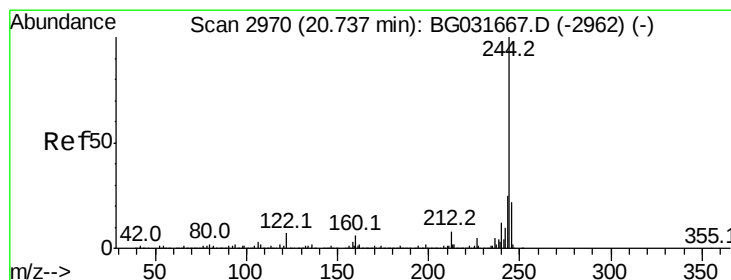
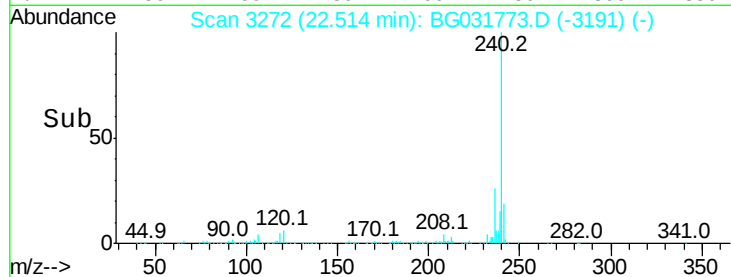
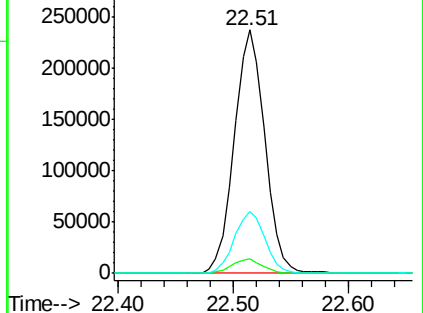
236 25.5 20.9 31.3



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: 26.744 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

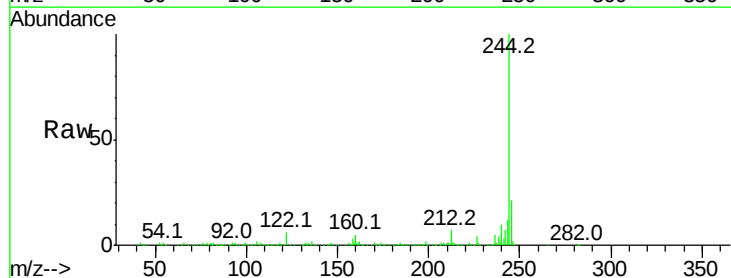
Tgt Ion:244 Resp: 508194

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

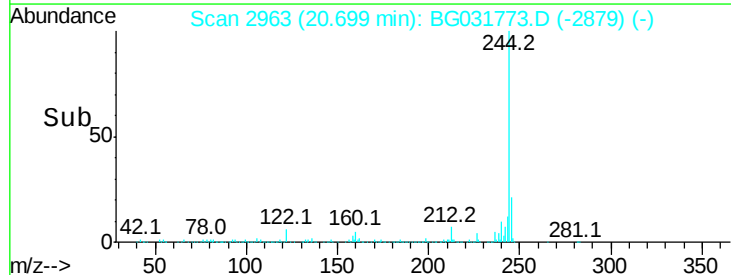
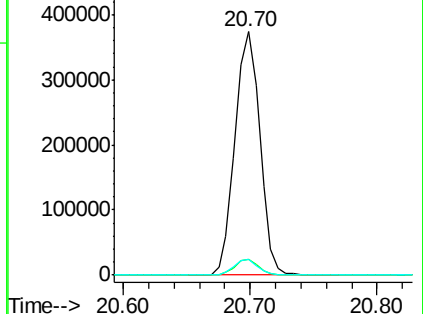
122 6.3 7.0 10.4#

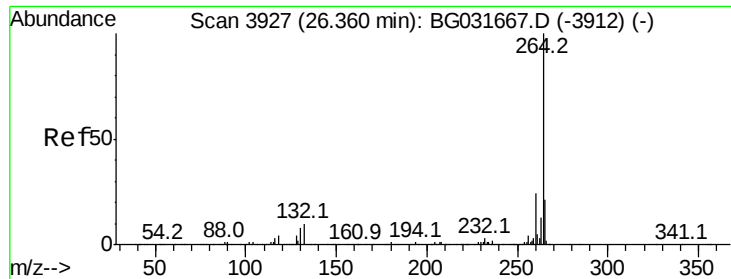


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

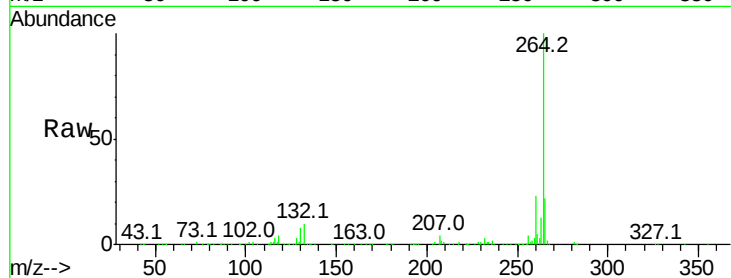




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :
 RT-3074-RT-917

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	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

