

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032157.D
 Acq On : 19 Jan 2018 18:29
 Operator : SJ/JU
 Sample : J1010-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718

Quant Time: Jan 20 00:05:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

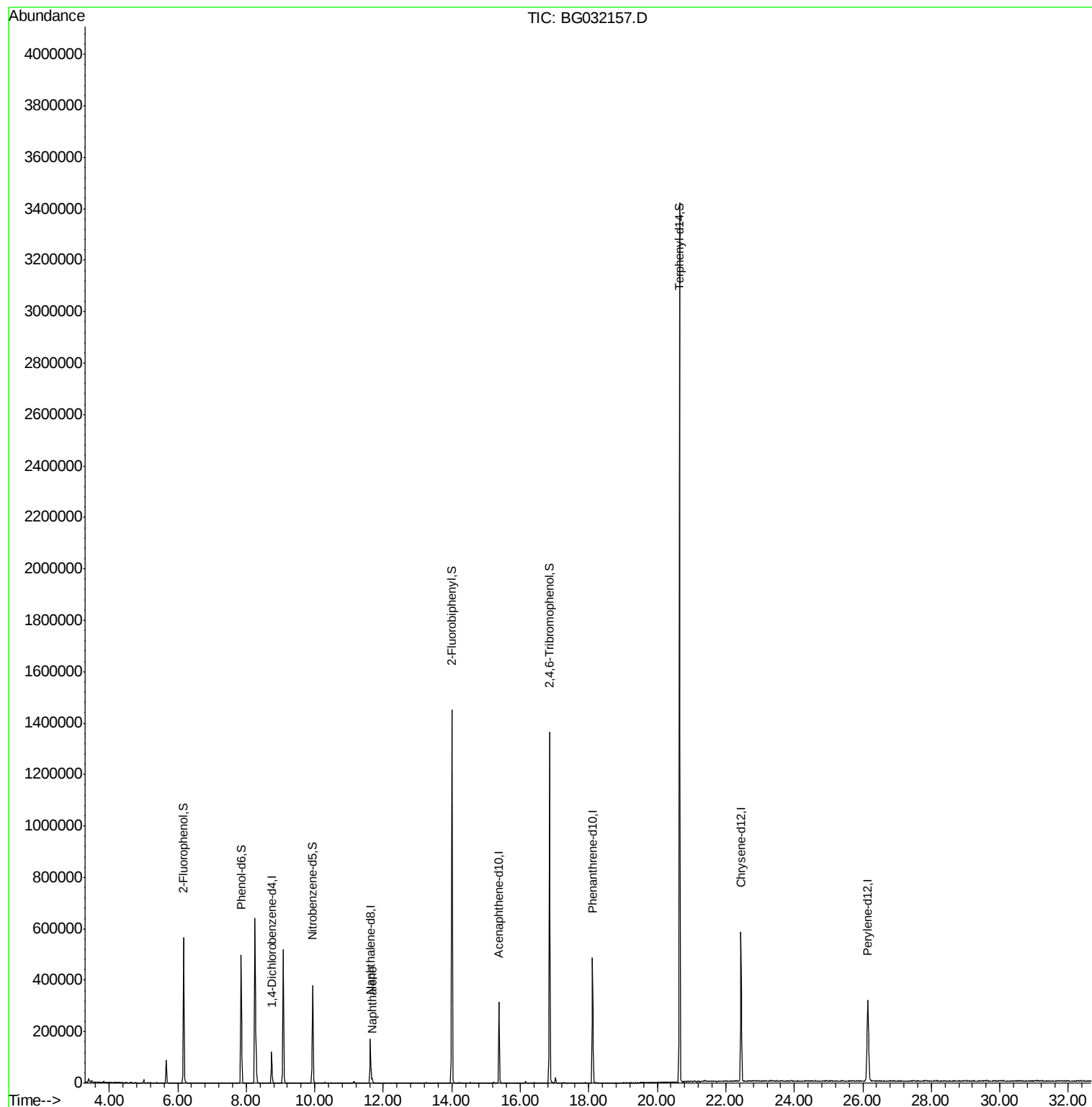
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	39469	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	167123	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	118366	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	331490	20.00	ng	0.00
75) Chrysene-d12	22.45	240	437639	20.00	ng	0.00
86) Perylene-d12	26.15	264	445412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	279371	129.46	ng	0.00
7) Phenol-d6	7.85	99	316525	116.46	ng	0.00
23) Nitrobenzene-d5	9.94	82	243447	98.55	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	300529	153.43	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	849836	89.03	ng	0.00
78) Terphenyl-d14	20.65	244	1812132	91.43	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	20317	2.454	ng	Qvalue 99

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

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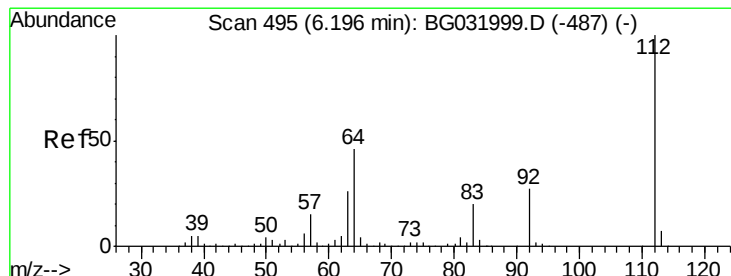
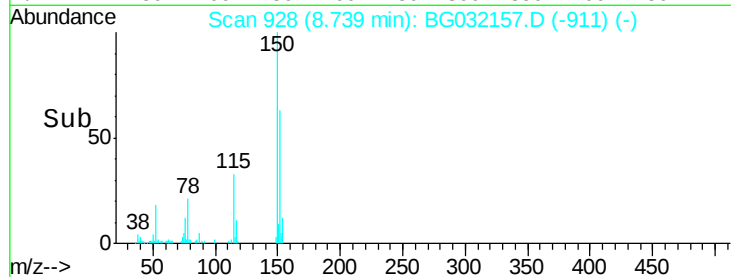
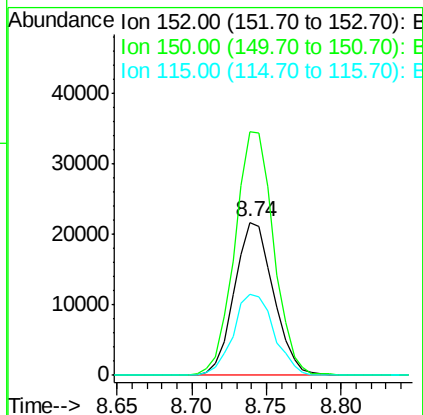
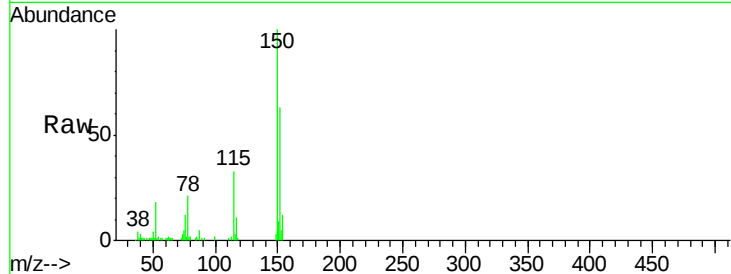


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032157.D
Acq: 19 Jan 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-03-011718

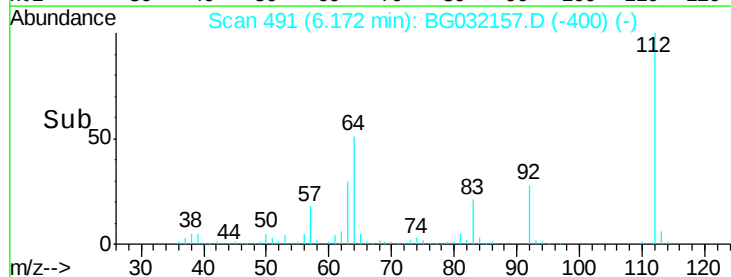
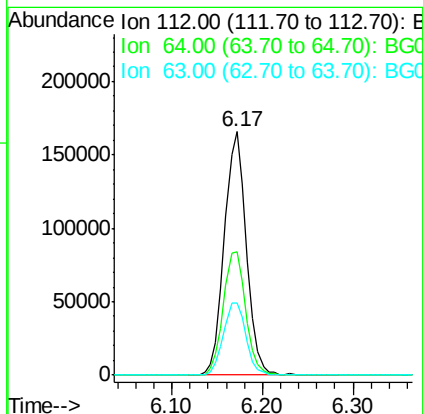
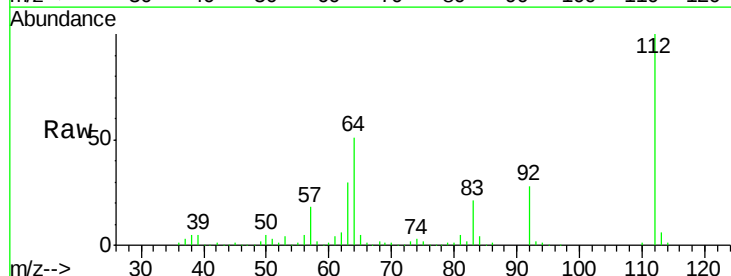
Tot Ion:152 Resp: 39469
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 53.3 53.0 79.4

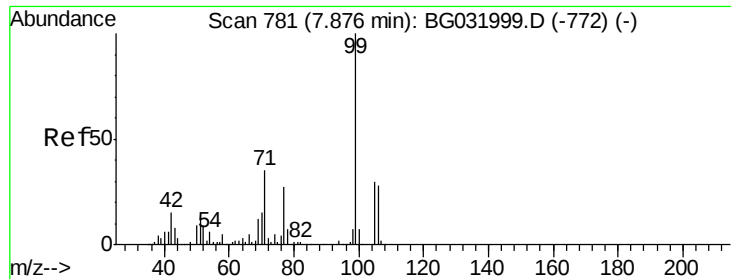


#5

2-Fluorophenol
Concen: 129.456 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032157.D
Acq: 19 Jan 2018 18:29

Tgt Ion:112 Resp: 279371
Ion Ratio Lower Upper
112 100
64 50.7 56.3 84.5#
63 29.8 30.1 45.1#





#7

Phenol-d6

Concen: 116.459 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-03-011718

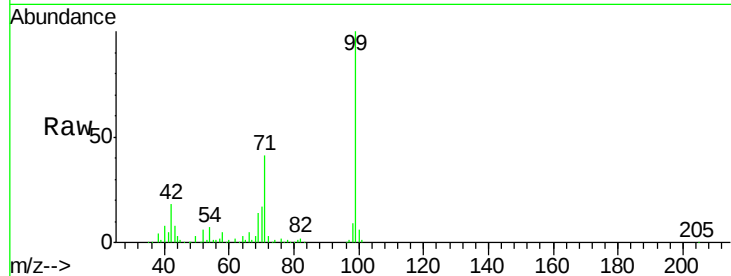
Tot Ion: 99 Resp: 316525

Ion Ratio Lower Upper

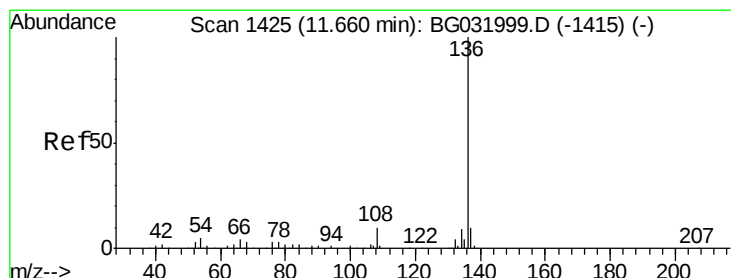
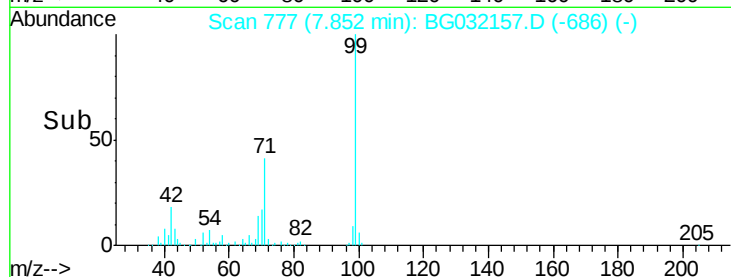
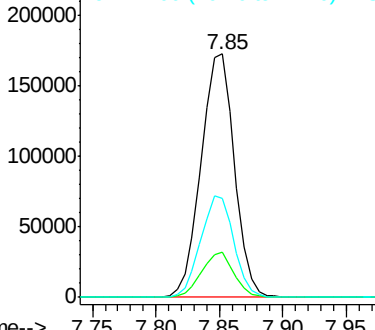
99 100

42 18.4 14.1 21.1

71 40.6 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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

Tgt Ion: 136 Resp: 167123

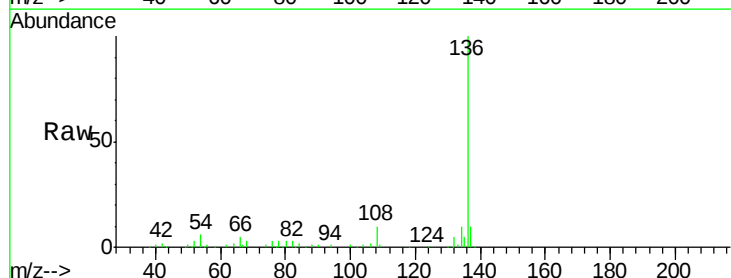
Ion Ratio Lower Upper

136 100

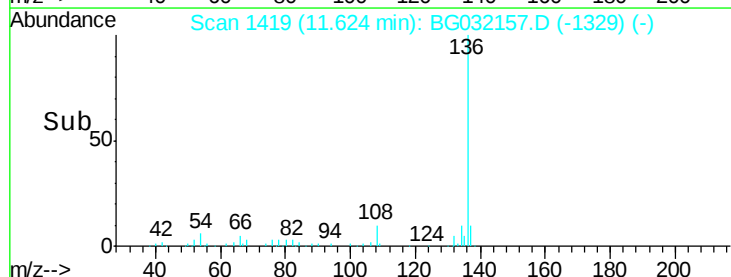
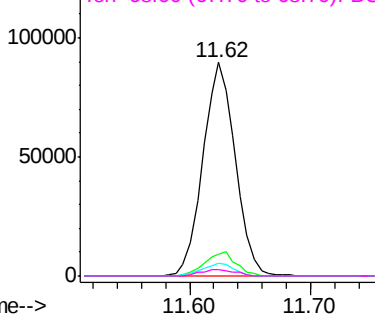
137 10.0 9.2 13.8

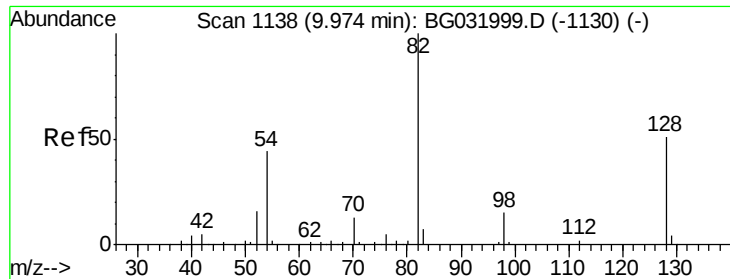
54 5.7 10.3 15.5#

68 2.8 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

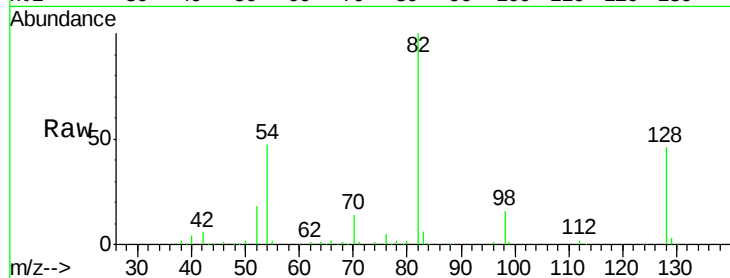




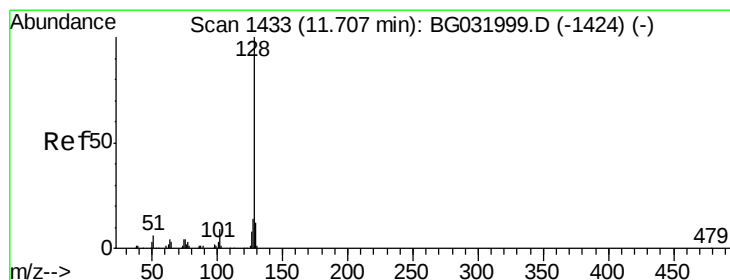
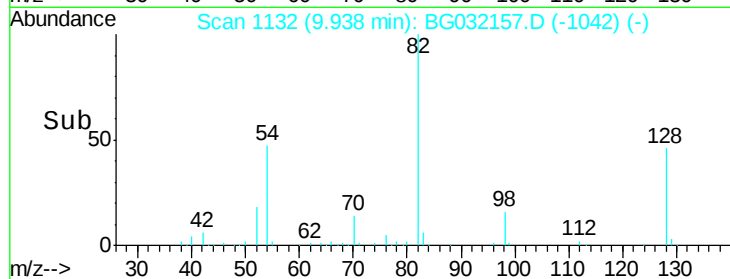
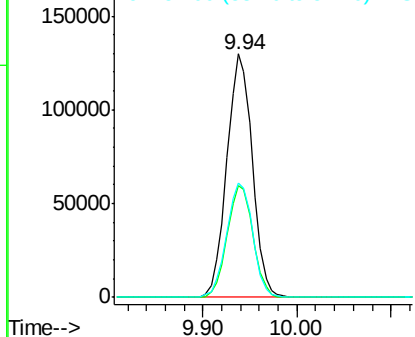
#23
Nitrobenzene-d5
Concen: 98.552 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032157.D
Acq: 19 Jan 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-03-011718

Tot Ion: 82 Resp: 243447
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 46.8 43.1 64.7

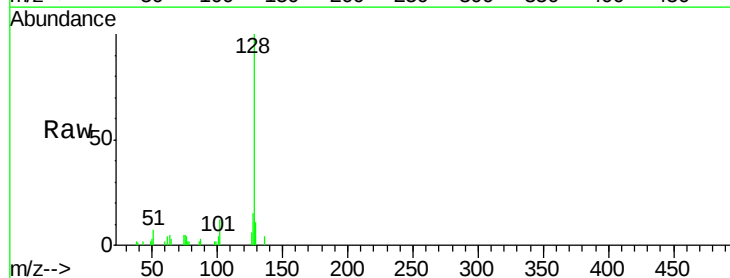


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

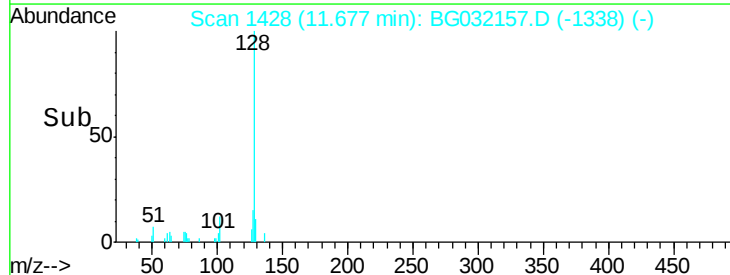
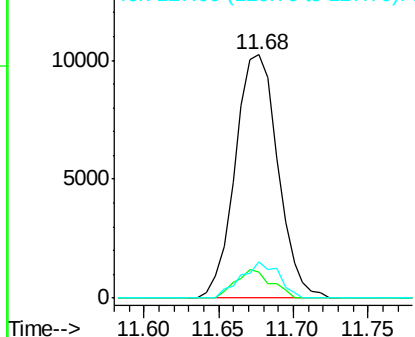


#31
Naphthalene
Concen: 2.454 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032157.D
Acq: 19 Jan 2018 18:29

Tgt Ion: 128 Resp: 20317
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 15.1 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: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-03-011718

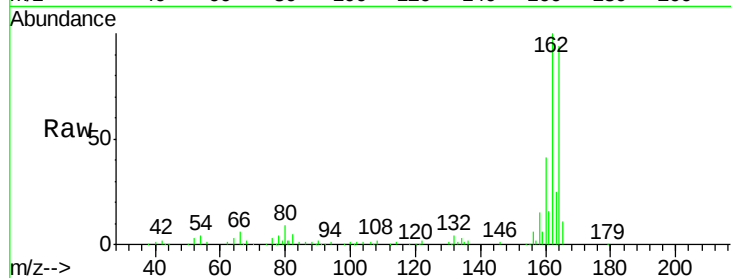
Tot Ion:164 Resp: 118366

Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

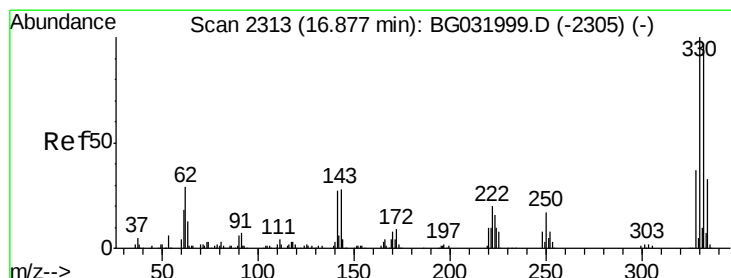
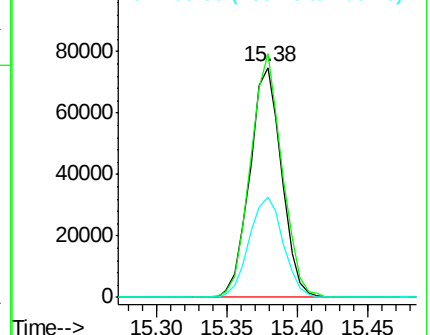
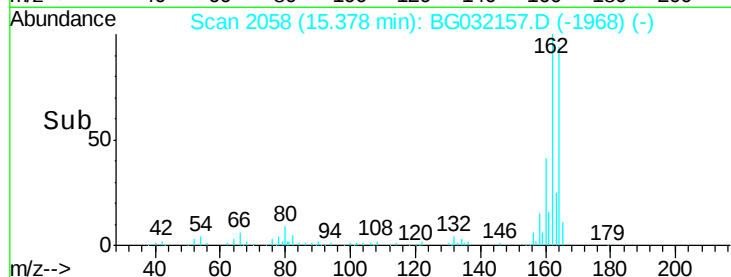
160 43.7 35.4 53.0



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: 153.434 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

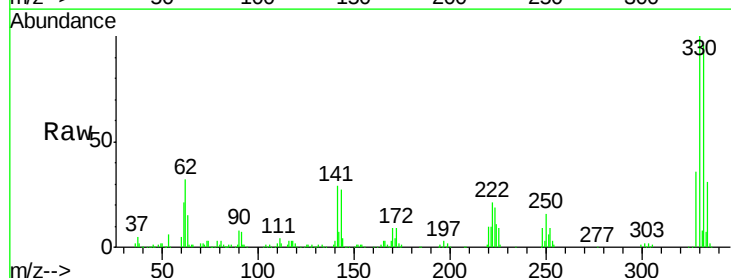
Tgt Ion:330 Resp: 300529

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

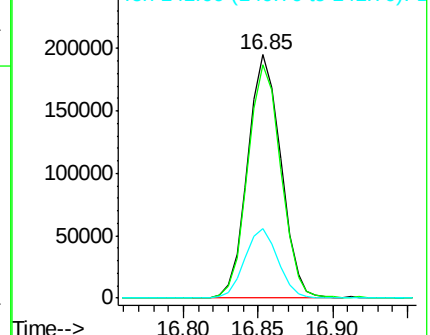
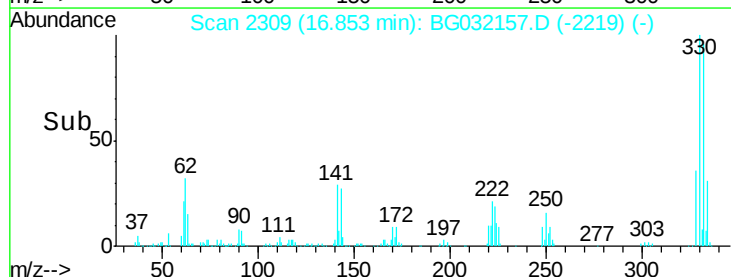
141 28.9 25.2 37.8



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

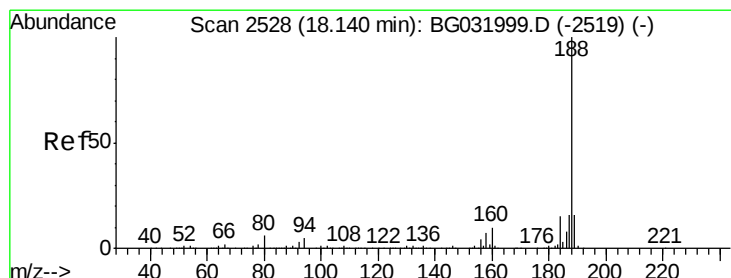
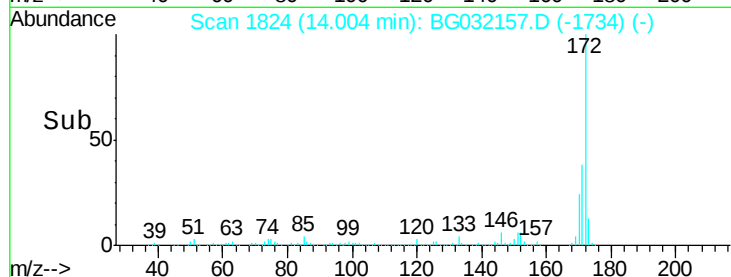
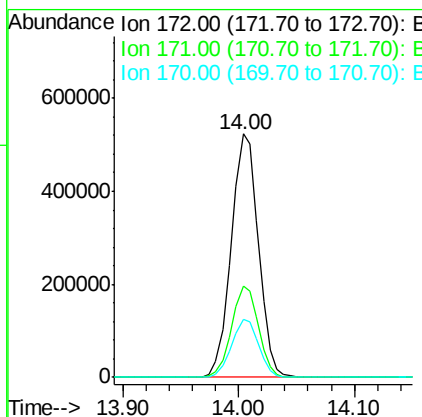
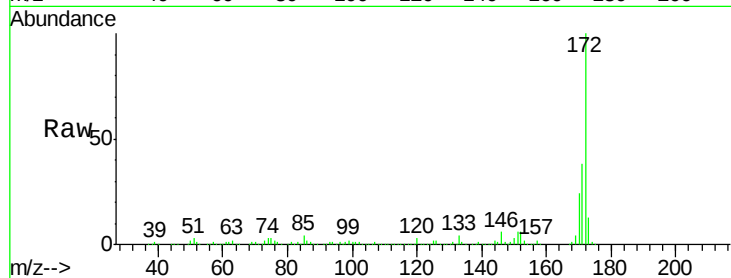




#44
 2-Fluorobiphenyl
 Concen: 89.025 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032157.D
 Acq: 19 Jan 2018 18:29

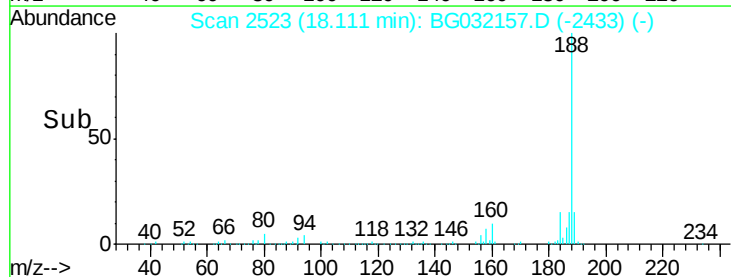
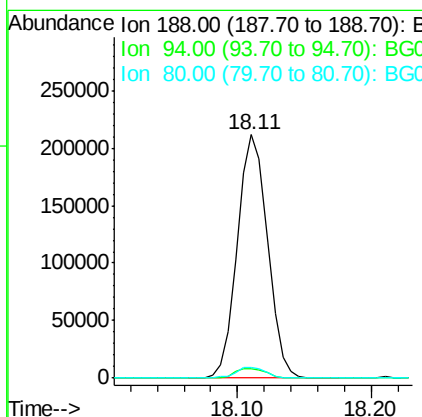
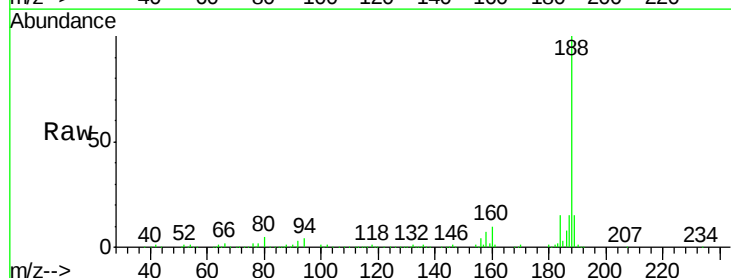
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718

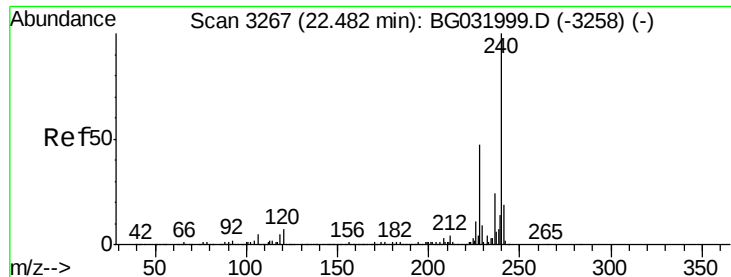
Tot Ion:172 Resp: 849836
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032157.D
 Acq: 19 Jan 2018 18:29

Tgt Ion:188 Resp: 331490
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-03-011718

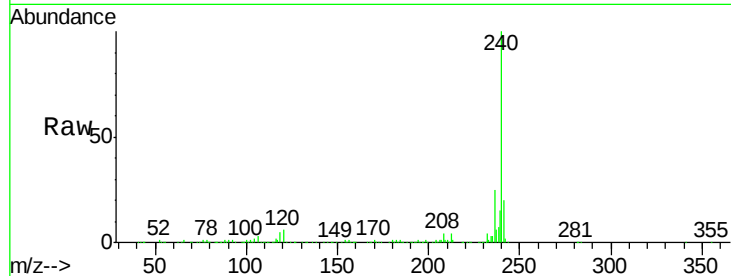
Tot Ion:240 Resp: 437639

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

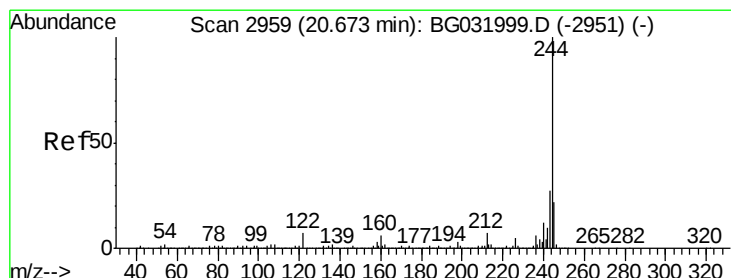
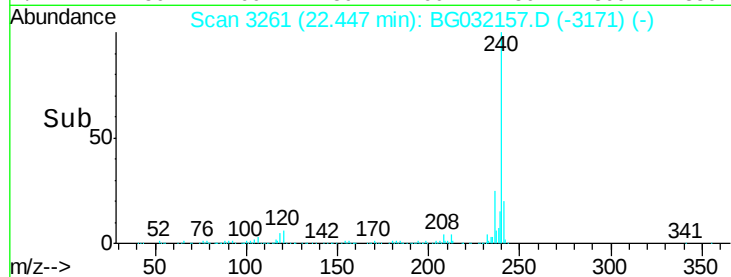
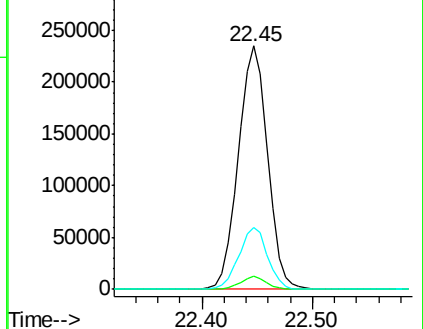
236 25.4 20.9 31.3



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: 91.428 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032157.D

Acq: 19 Jan 2018 18:29

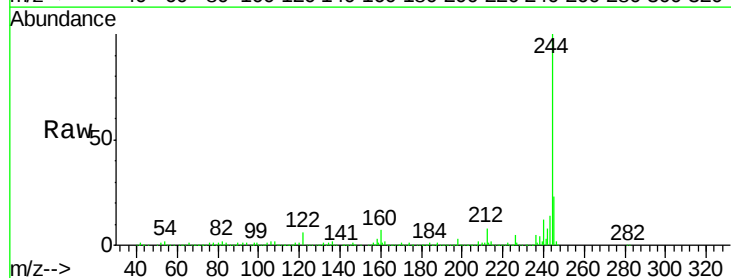
Tgt Ion:244 Resp: 1812132

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

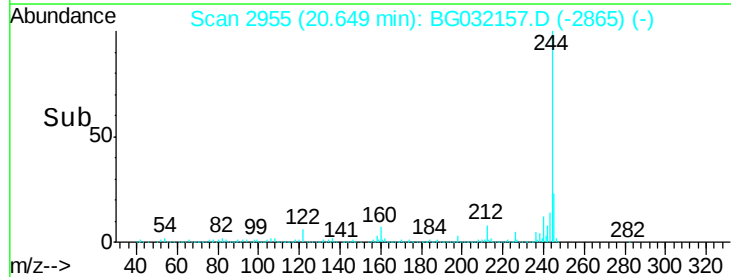
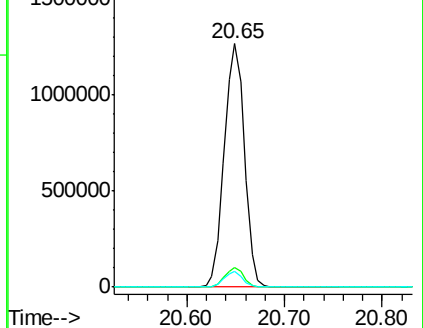
122 6.4 7.0 10.4#

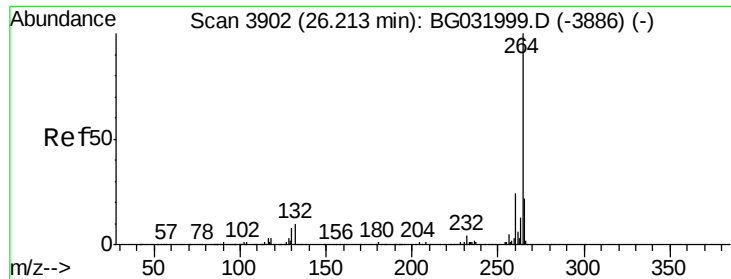


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

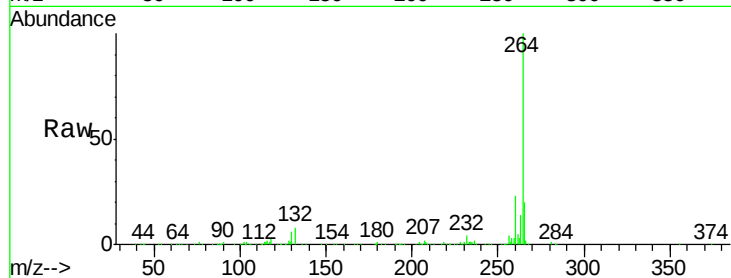




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. -0.00 min
 Lab File: BG032157.D
 Acq: 19 Jan 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.4	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

