

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032921.D
 Acq On : 1 Mar 2018 17:36
 Operator : SJ/JU
 Sample : J1402-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-022818-C

Quant Time: Mar 01 18:11:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

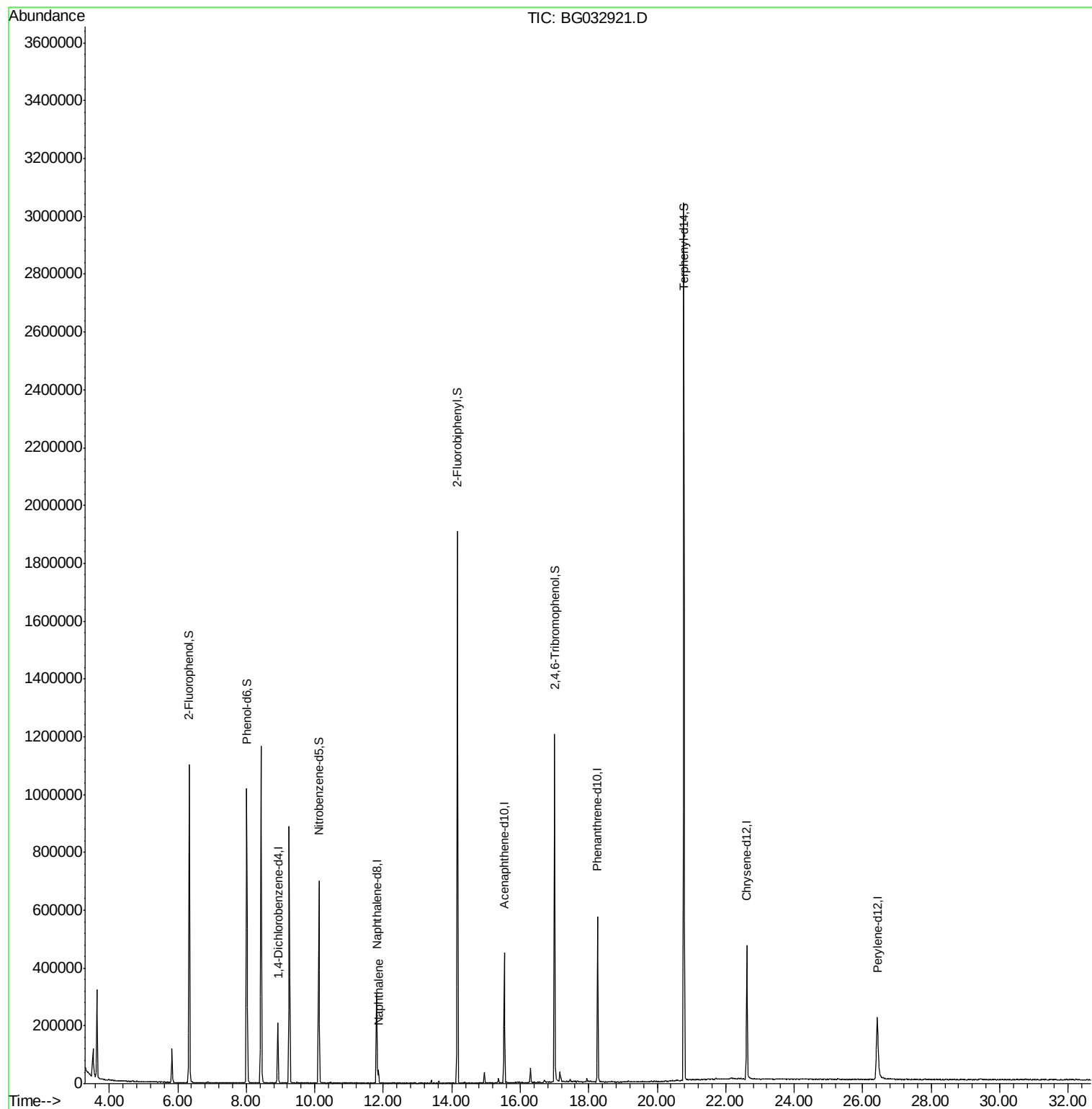
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63764	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	279765	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	159698	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	345345	20.00	ng	0.00
75) Chrysene-d12	22.61	240	313666	20.00	ng	0.00
86) Perylene-d12	26.42	264	300870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	526360	132.07	ng	0.00
7) Phenol-d6	8.02	99	648645	116.76	ng	0.00
23) Nitrobenzene-d5	10.12	82	447184	107.90	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	207396	123.51	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1000803	90.38	ng	0.00
78) Terphenyl-d14	20.78	244	1345411	96.37	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	42253	2.890	ng	Qvalue 97

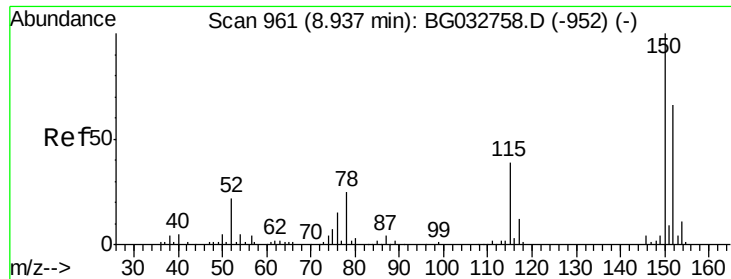
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 18:11:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



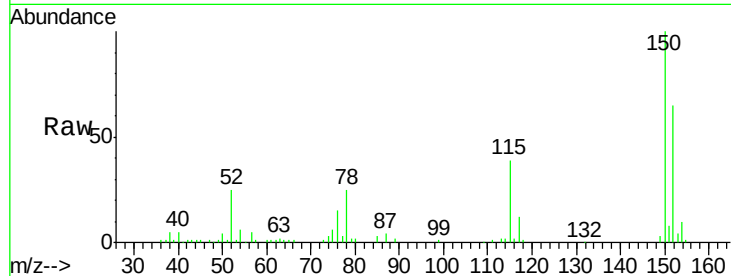


#1

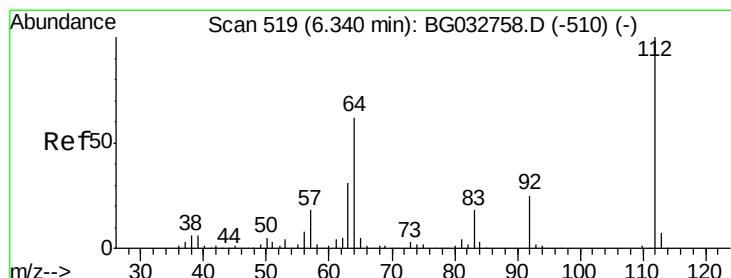
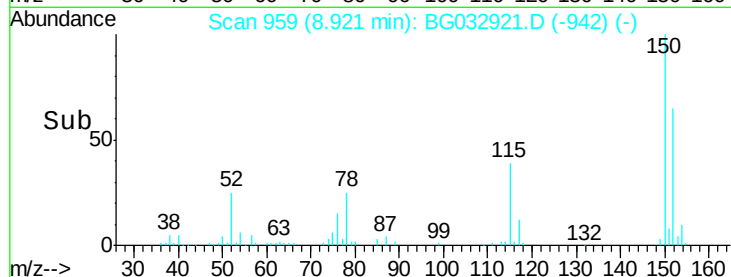
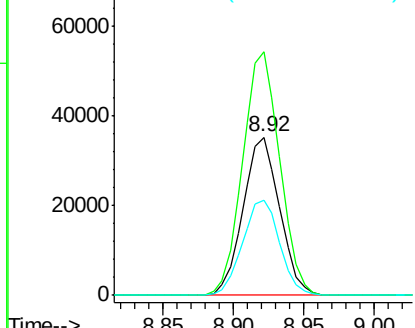
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032921.D
Acq: 1 Mar 2018 17:36

Instrument :
BNA_G
ClientSampleId :
PL-01-022818-C

Tot Ion:152 Resp: 63764
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 60.1 53.0 79.4



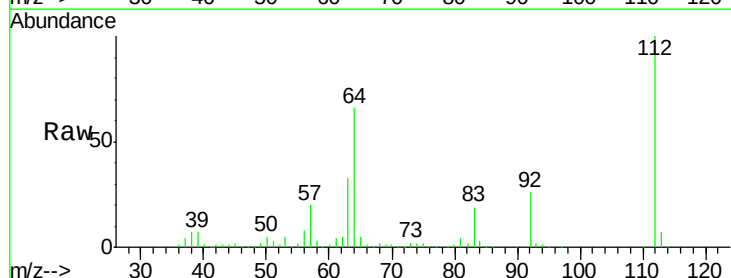
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



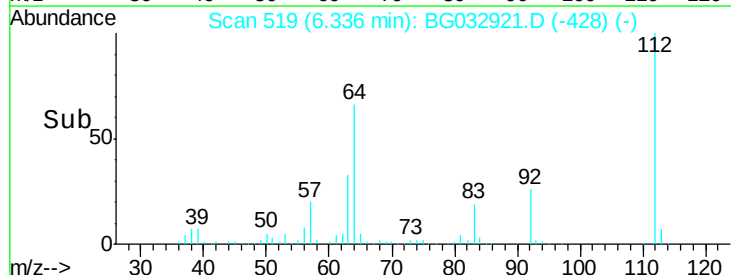
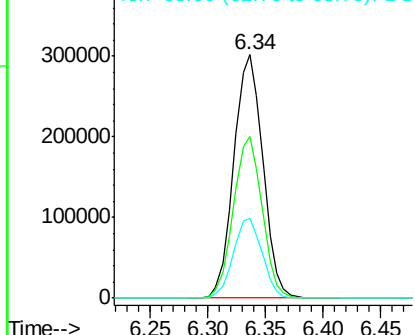
#5

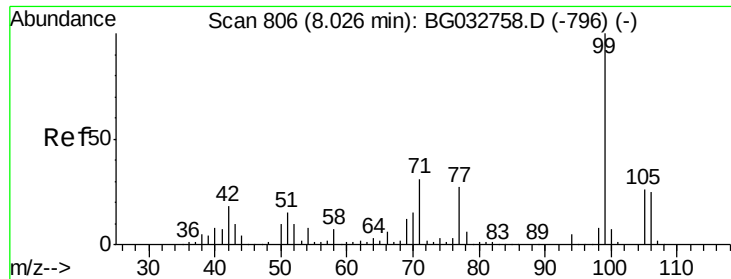
2-Fluorophenol
Concen: 132.065 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG032921.D
Acq: 1 Mar 2018 17:36

Tgt Ion:112 Resp: 526360
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 32.6 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: 116.760 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-C

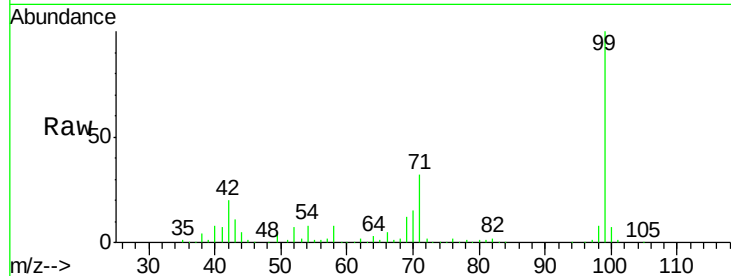
Tot Ion: 99 Resp: 648645

Ion Ratio Lower Upper

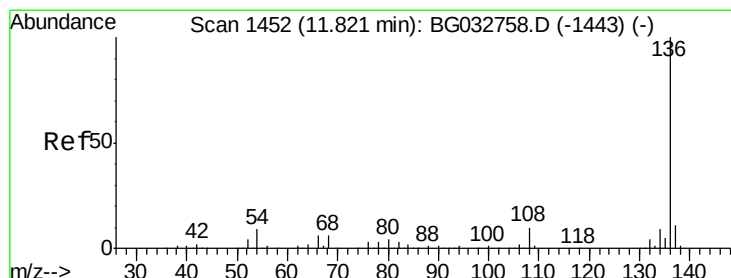
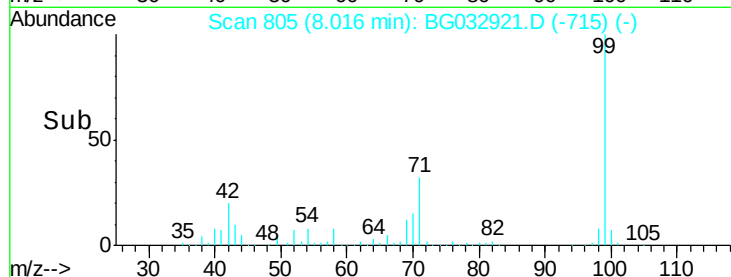
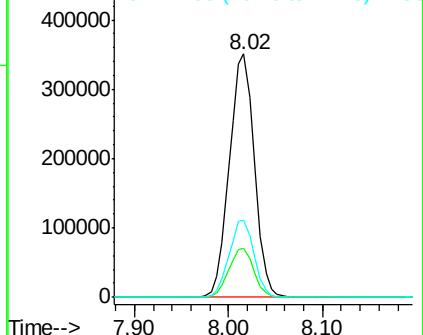
99 100

42 20.1 14.1 21.1

71 32.0 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: 11.81 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

Tgt Ion: 136 Resp: 279765

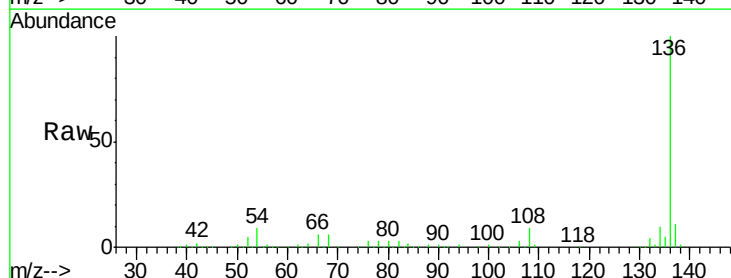
Ion Ratio Lower Upper

136 100

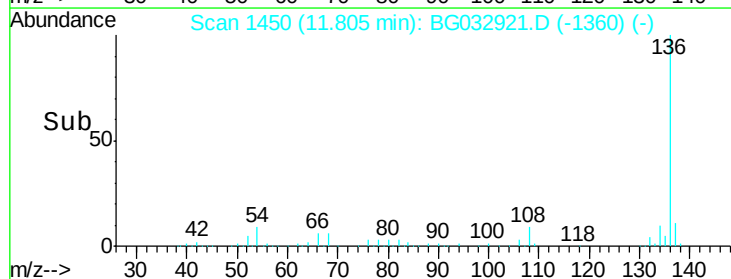
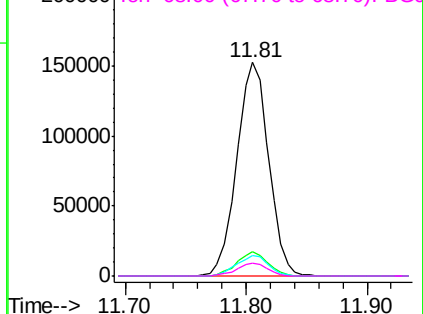
137 11.2 9.2 13.8

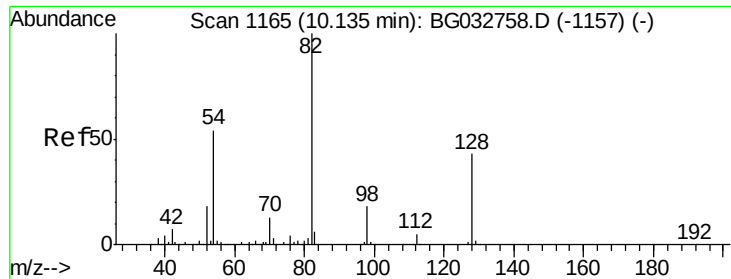
54 9.5 10.3 15.5#

68 6.3 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

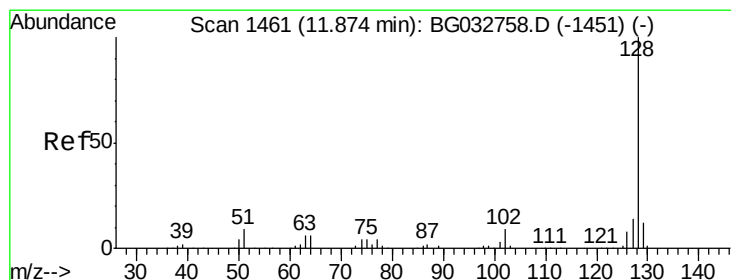
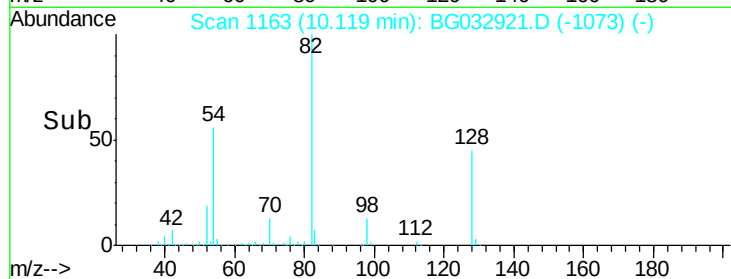
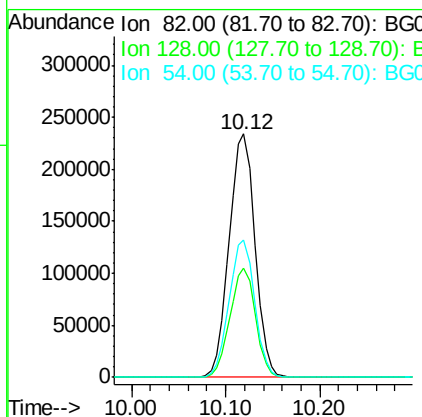
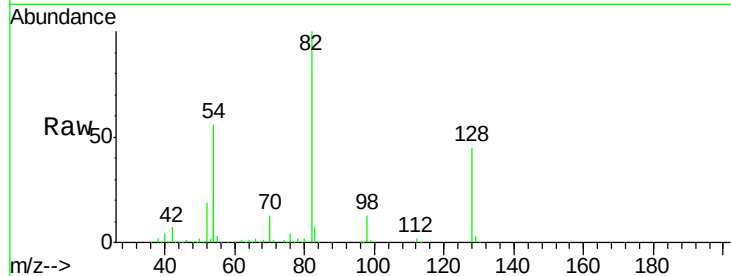




#23
 Nitrobenzene-d5
 Concen: 107.900 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032921.D
 Acq: 1 Mar 2018 17:36

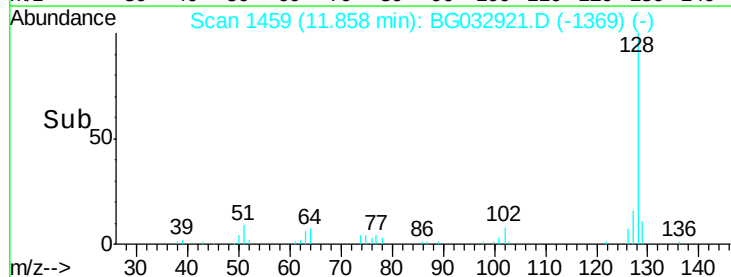
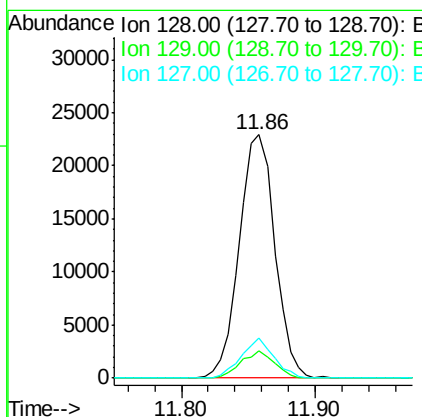
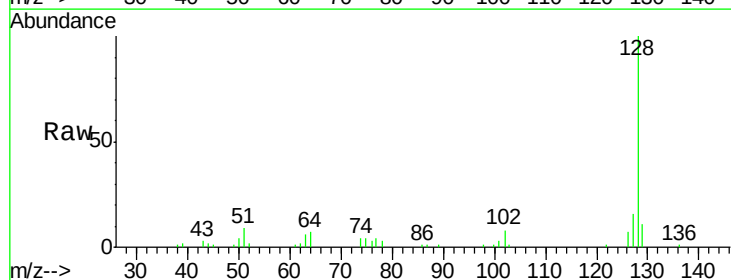
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-022818-C

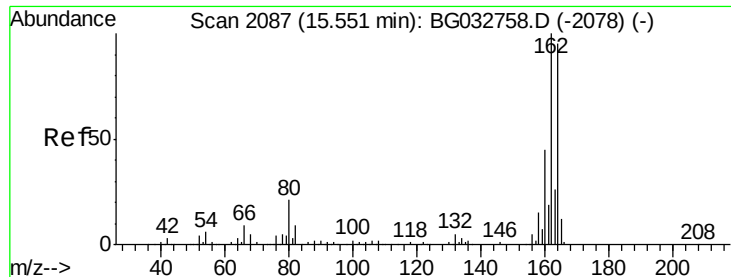
Tot Ion: 82 Resp: 447184
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 56.2 43.1 64.7



#31
 Naphthalene
 Concen: 2.890 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG032921.D
 Acq: 1 Mar 2018 17:36

Tgt Ion: 128 Resp: 42253
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 12.8
 127 16.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-C

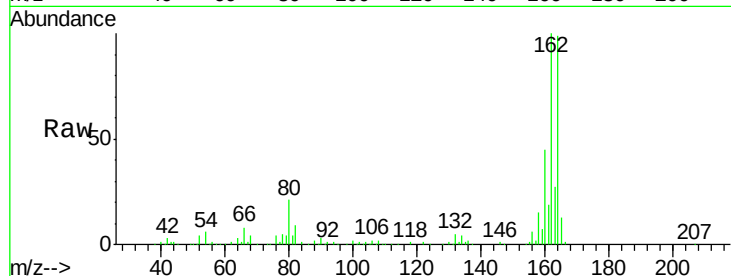
Tot Ion:164 Resp: 159698

Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

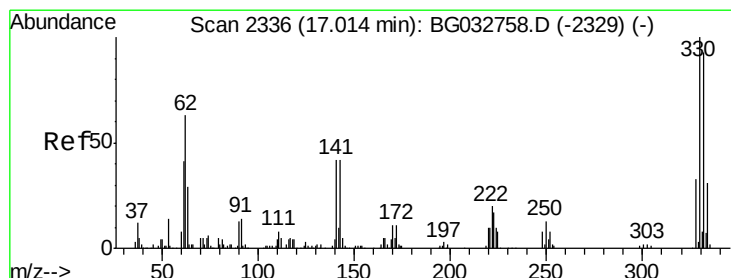
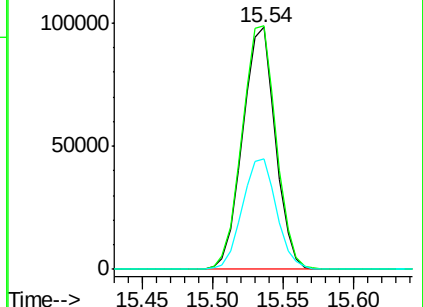
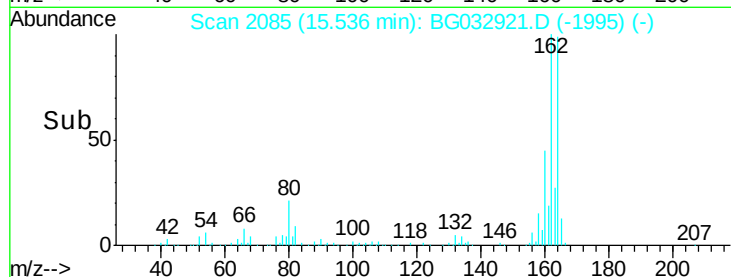
160 45.8 35.4 53.0



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: 123.511 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

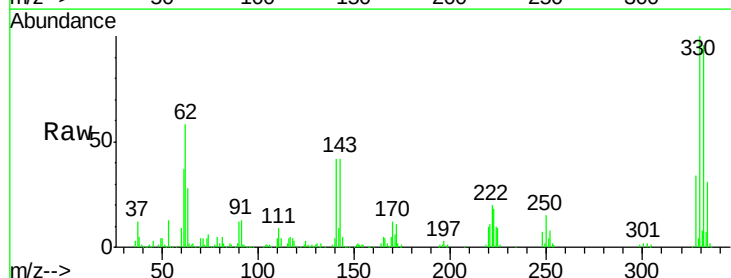
Tgt Ion:330 Resp: 207396

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

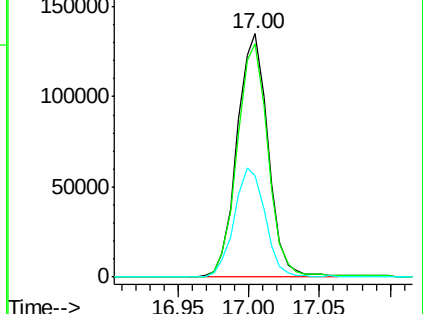
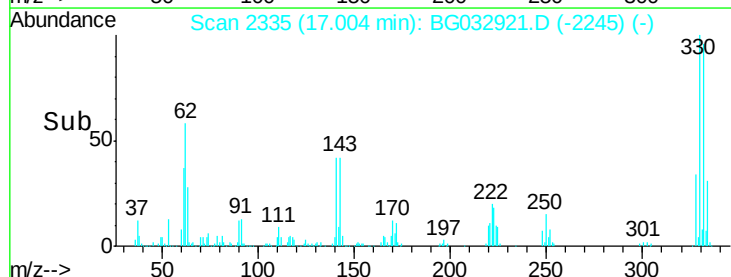
141 45.5 25.2 37.8#

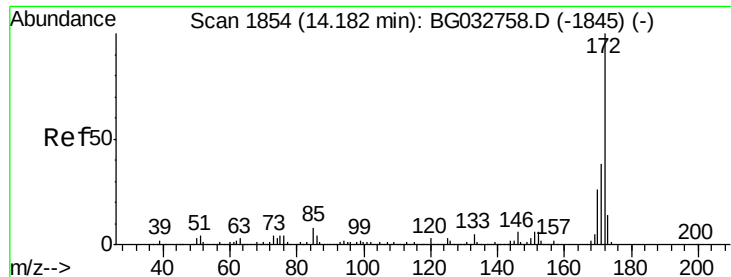


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

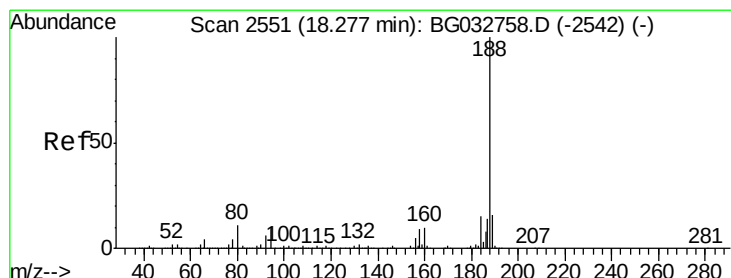
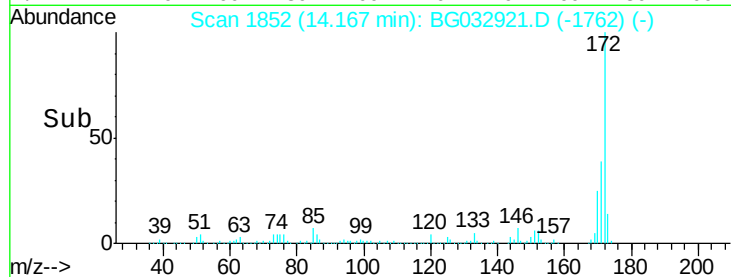
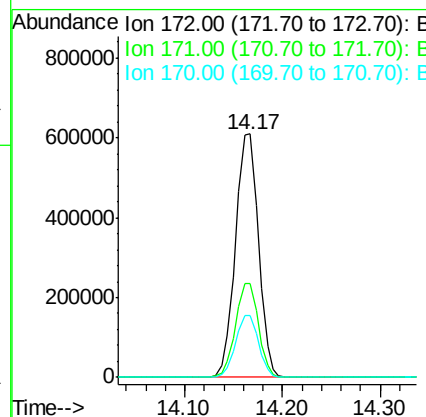
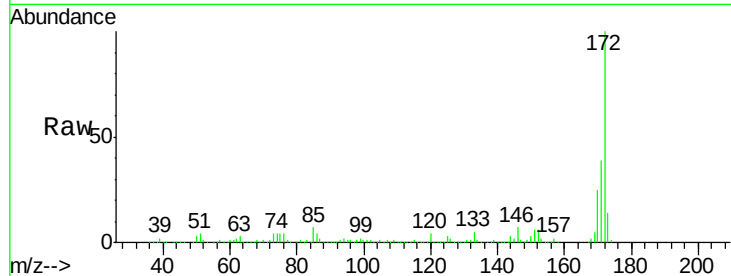




#44
2-Fluorobiphenyl
Concen: 90.384 ng
RT: 14.17 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BG032921.D
Acq: 1 Mar 2018 17:36

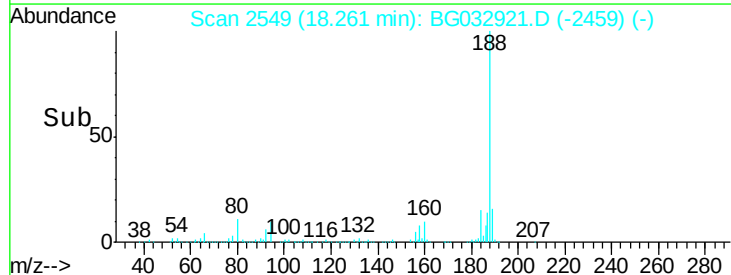
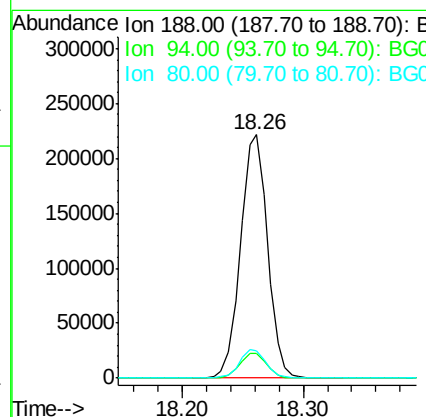
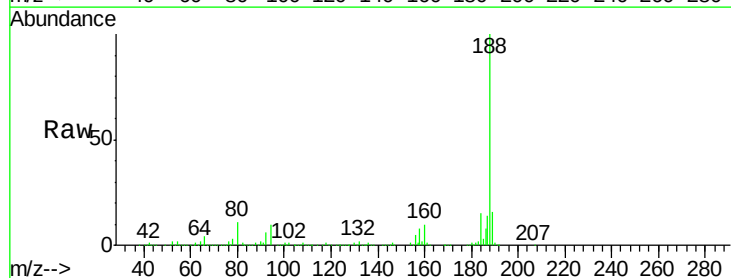
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BNA_G
ClientSampleId :
PL-01-022818-C

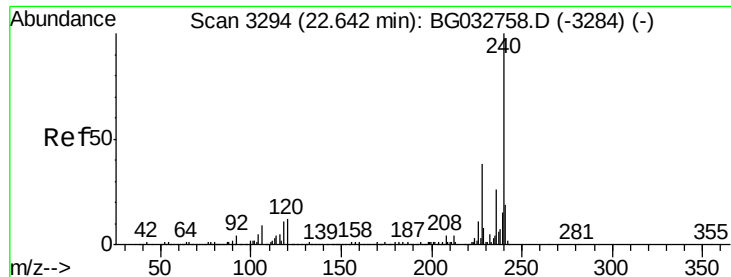
Tot Ion:172 Resp: 1000803
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 25.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032921.D
Acq: 1 Mar 2018 17:36

Tgt Ion:188 Resp: 345345
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.3 7.7 11.5





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-C

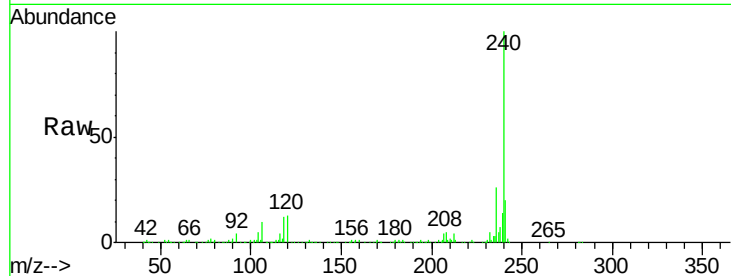
Tot Ion:240 Resp: 313666

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

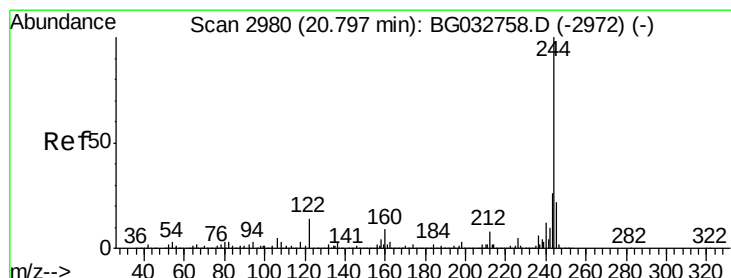
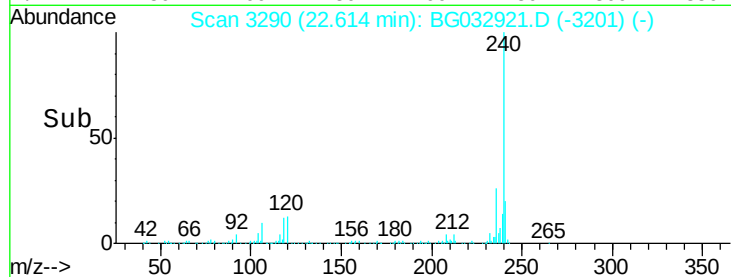
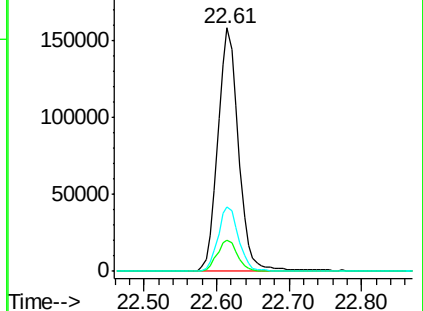
236 26.4 20.9 31.3



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: 96.369 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032921.D

Acq: 1 Mar 2018 17:36

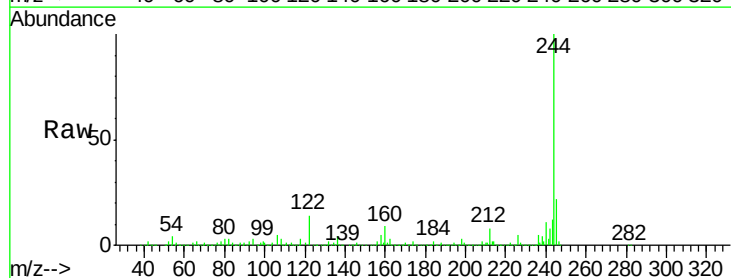
Tgt Ion:244 Resp: 1345411

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

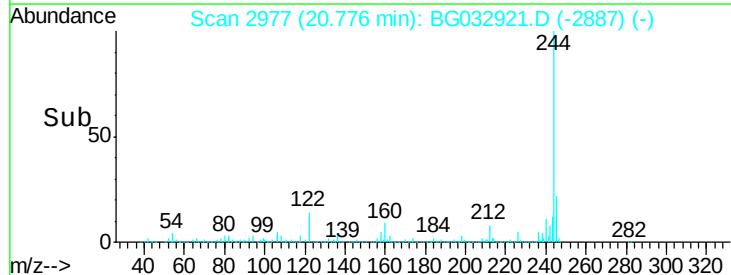
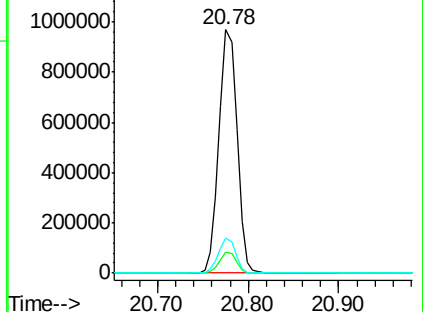
122 14.4 7.0 10.4#

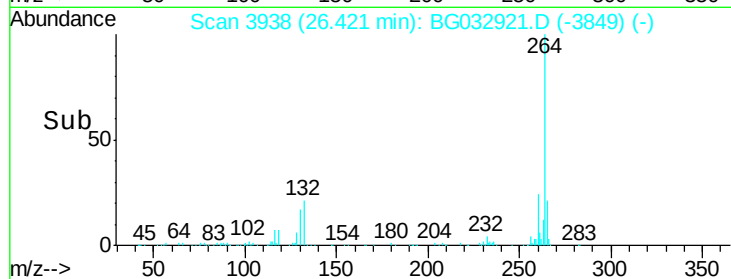
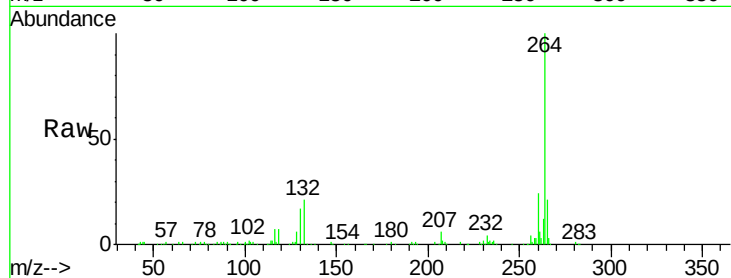
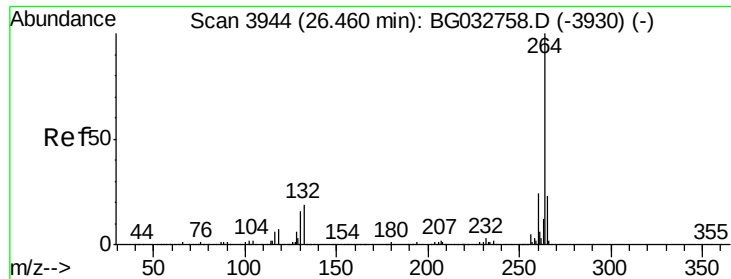


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032921.D
Acq: 1 Mar 2018 17:36

Instrument :
BNA_G
ClientSampleId :
PL-01-022818-C

Tot Ion: 264 Resp: 300870
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 21.4 17.7 26.5

