

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032052.D
 Acq On : 16 Jan 2018 4:13
 Operator : SJ/JU
 Sample : J1114-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5

Quant Time: Jan 16 06:28:27 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

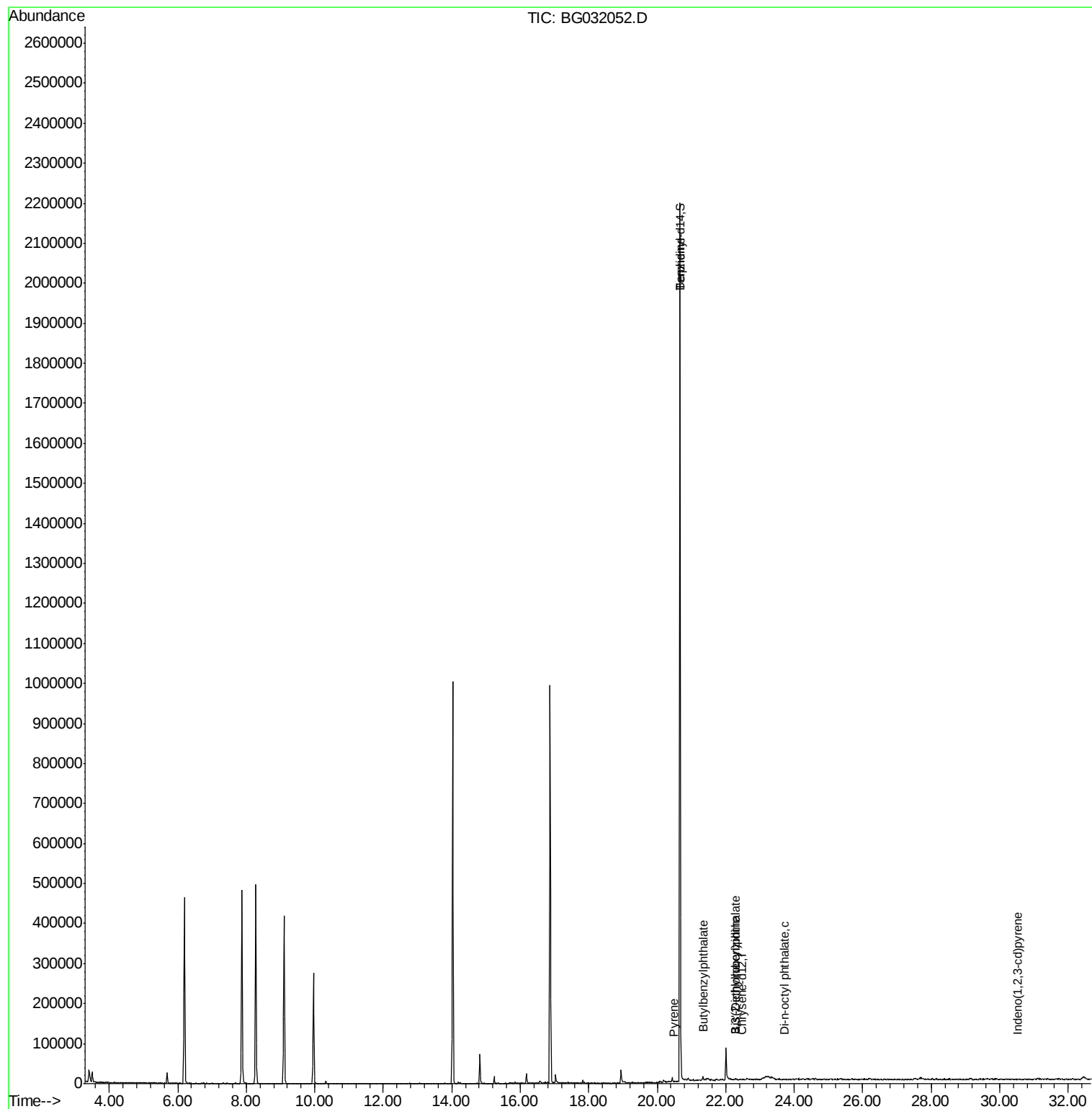
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.77
21) Naphthalene-d8	0.00	136	0	0.00	ng	-11.66
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-15.40
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-18.14
75) Chrysene-d12	22.47	240	62	20.00	ng	-0.01
86) Perylene-d12	0.00	264	0	0.00	ng	-26.21
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	244270	0.00	ng	0.00
7) Phenol-d6	7.87	99	304519	0.00	ng	0.00
23) Nitrobenzene-d5	9.96	82	177082	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	220258	0.00	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	603354	0.00	ng	0.00
78) Terphenyl-d14	20.66	244	1215516	432889.16	ng	-0.01
Target Compounds						
76) Benzidine	20.66	184	15921	10269.072	ng	# 85
77) Pyrene	20.48	202	149	38.229	ng	# 57
79) Butylbenzylphthalate	21.34	149	203	145.369	ng	# 20
81) 3,3'-Dichlorobenzidine	22.30	252	70	48.599	ng	# 26
83) Bis(2-ethylhexyl)phthalate	22.29	149	1630	795.989	ng	# 74
84) Di-n-octyl phthalate	23.70	149	75	23.060	ng	# 1
85) Indeno(1,2,3-cd)pyrene	30.51	276	63	13.902	ng	# 53

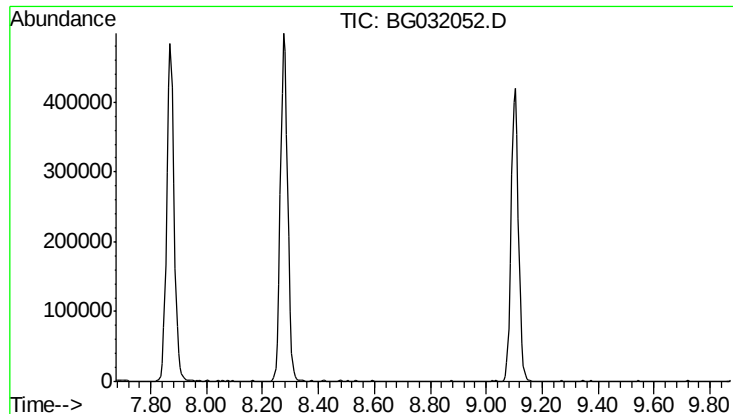
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032052.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5

Quant Time: Jan 16 06:28:27 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.77 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5

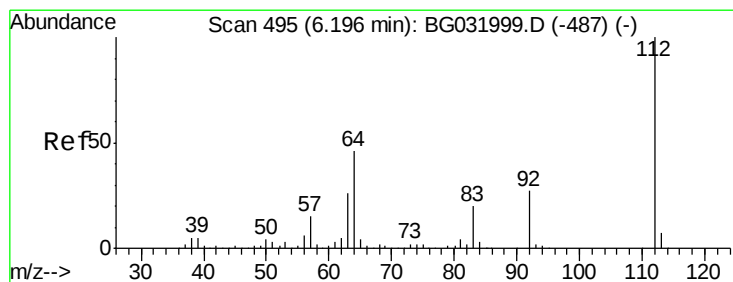
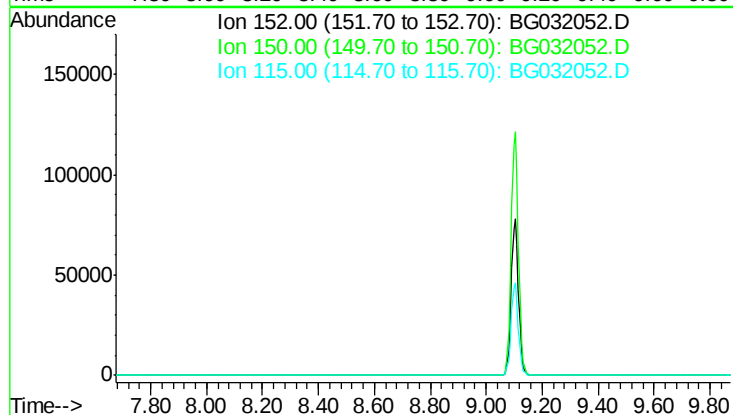
Tgt Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 66.2



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

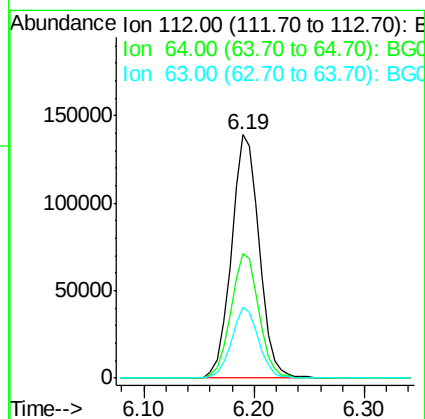
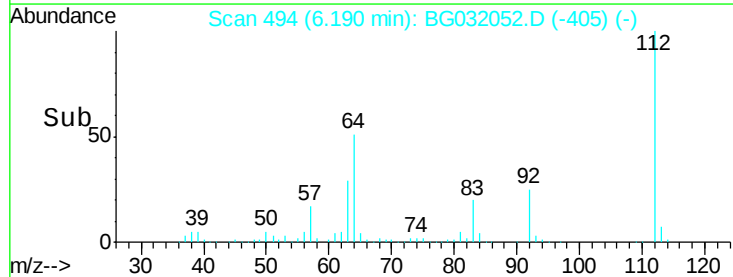
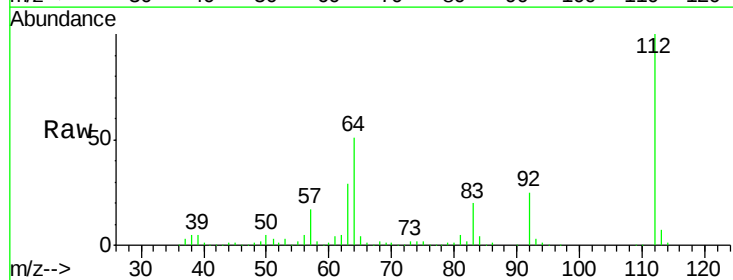
Tgt Ion: 112 Resp: 244270

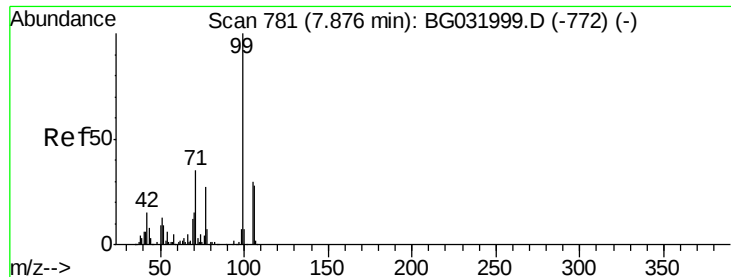
Ion Ratio Lower Upper

112 100

64 51.4 56.3 84.5#

63 29.1 30.1 45.1#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5

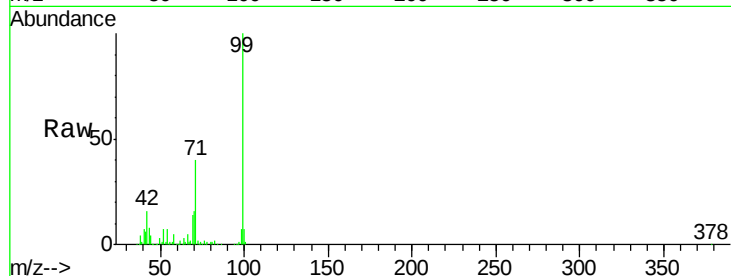
Tgt Ion: 99 Resp: 304519

Ion Ratio Lower Upper

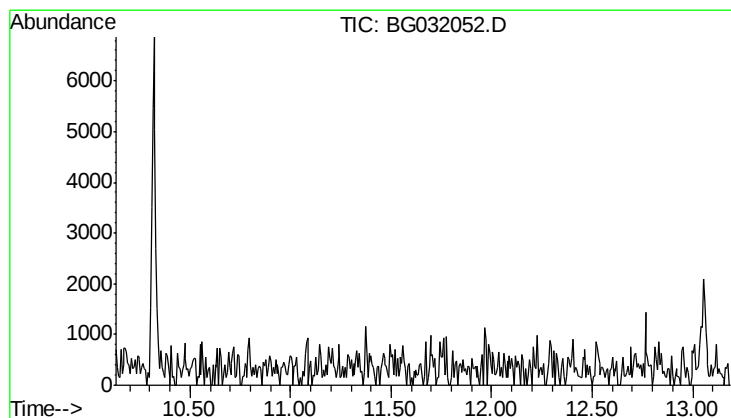
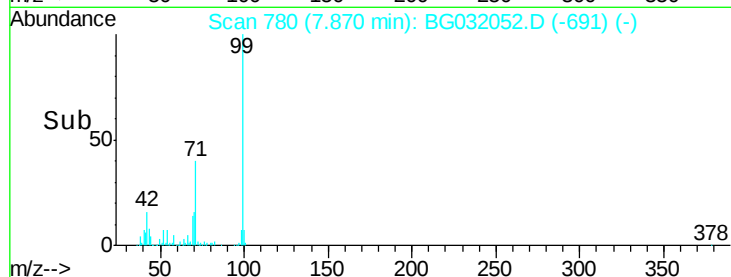
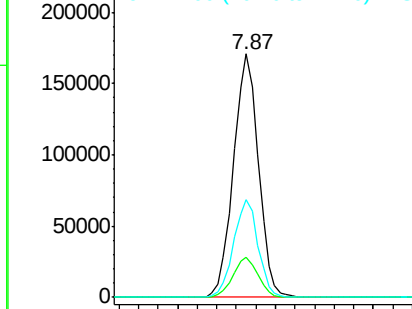
99 100

42 16.5 14.1 21.1

71 40.1 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: 0.000 ng

Expected RT: 11.66 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Tgt Ion: 136

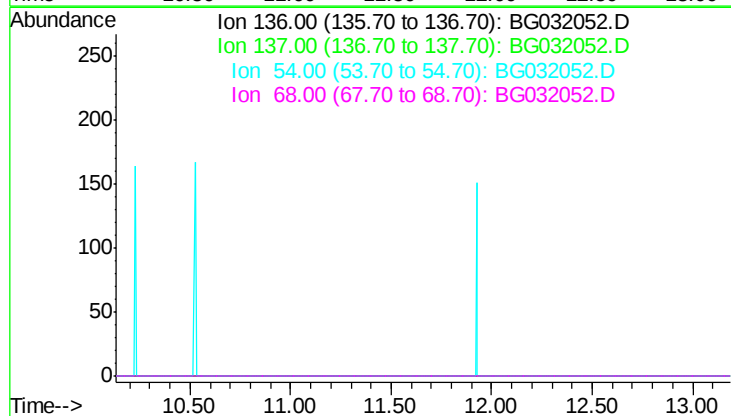
Sig Exp Ratio

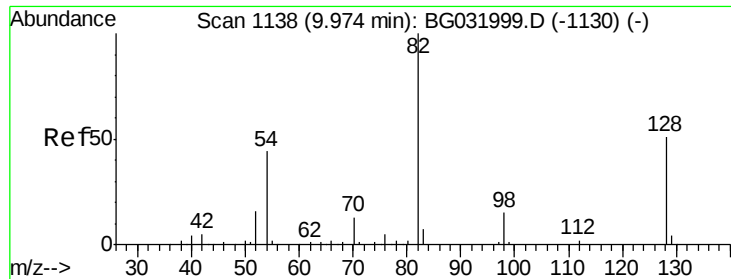
136 100

137 11.5

54 12.9

68 5.6

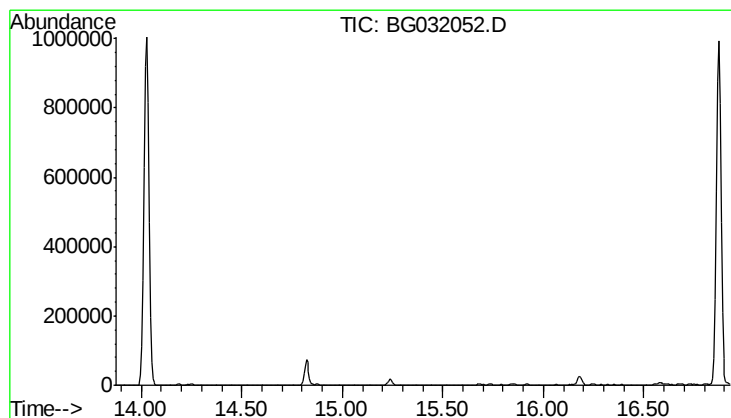
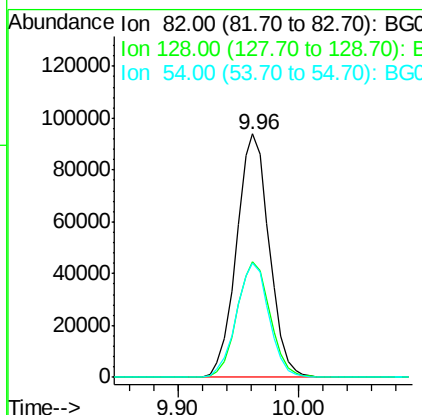
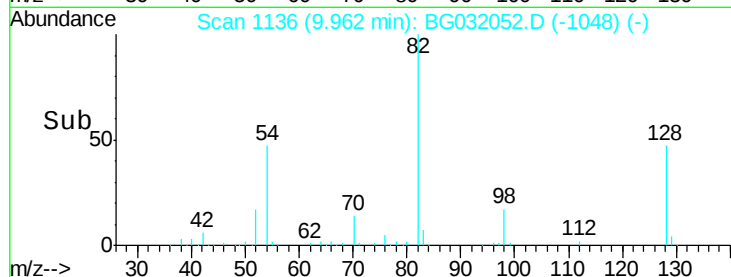
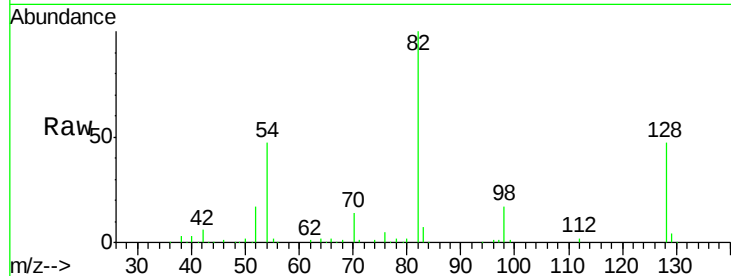




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5

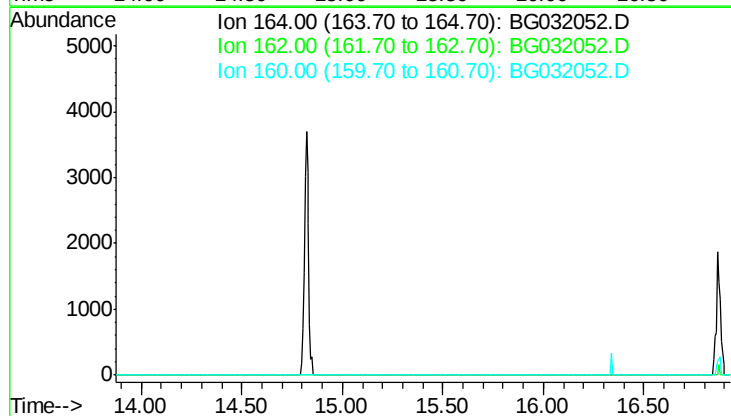
Tgt Ion: 82 Resp: 177082
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 47.2 43.1 64.7

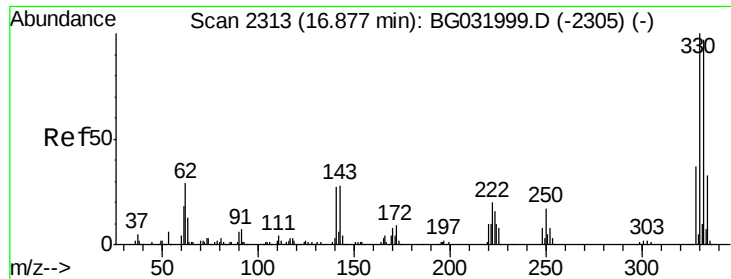


#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 15.40 min

Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 98.5
 160 44.2

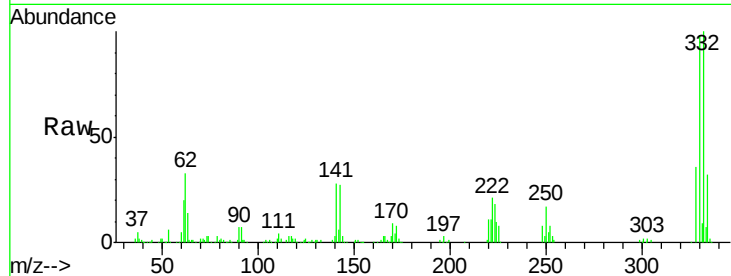




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.4	25.2	37.8

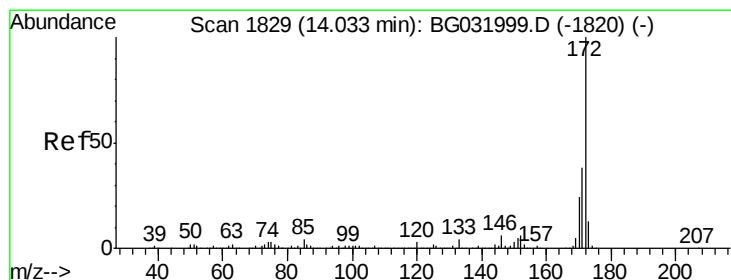
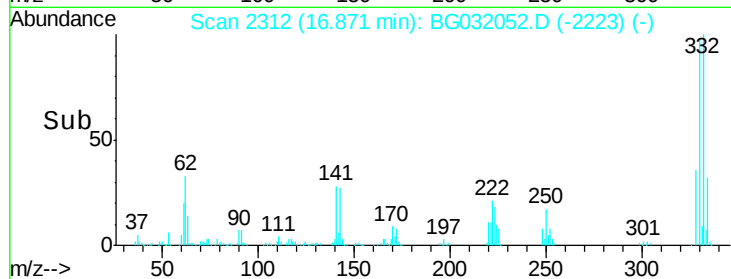
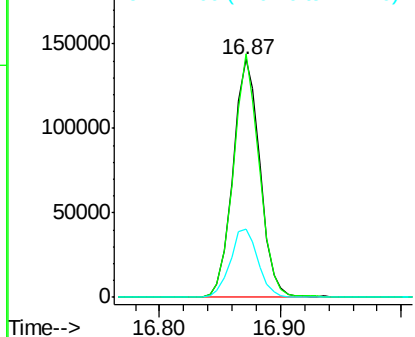


Abundance

Ion 329.80 (329.50 to 330.50): E

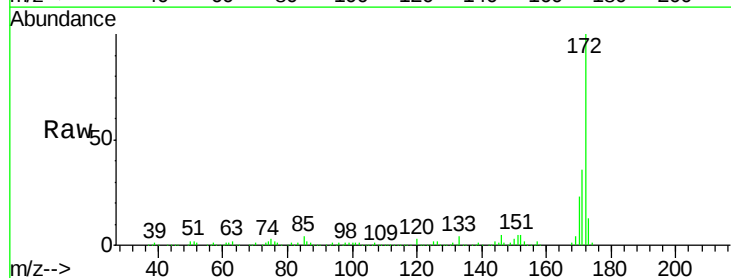
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	22.7	19.5	29.3

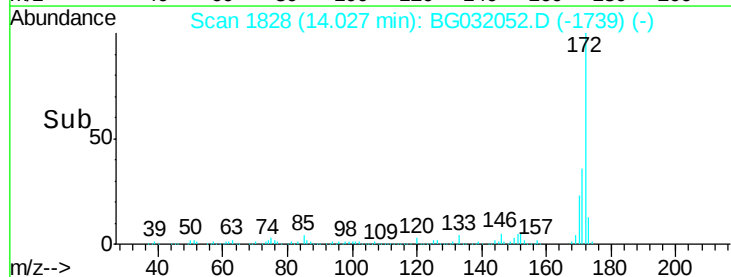
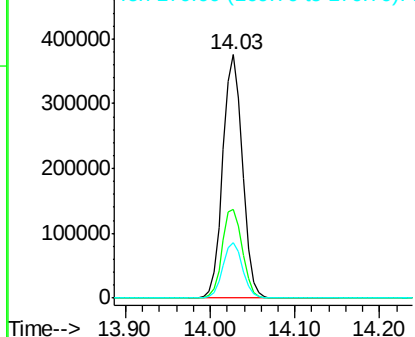


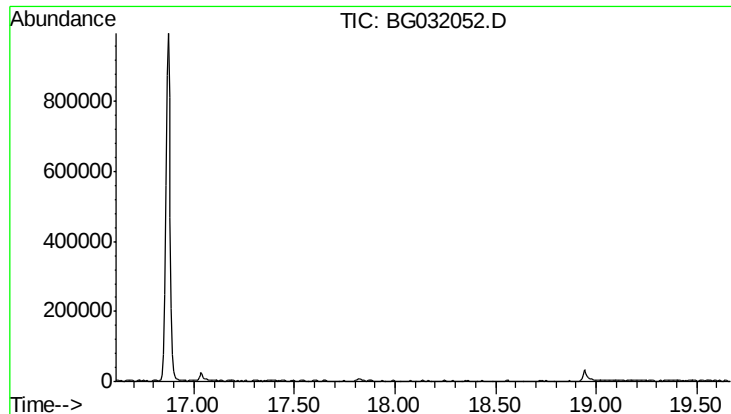
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

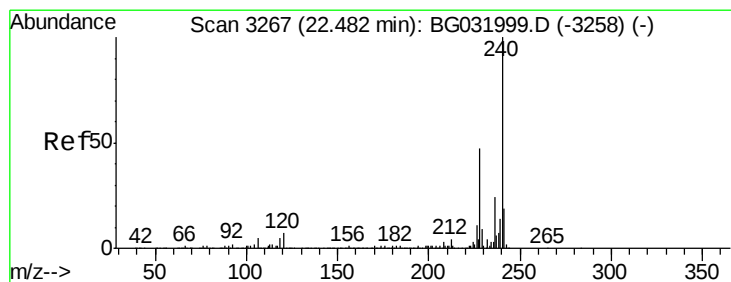
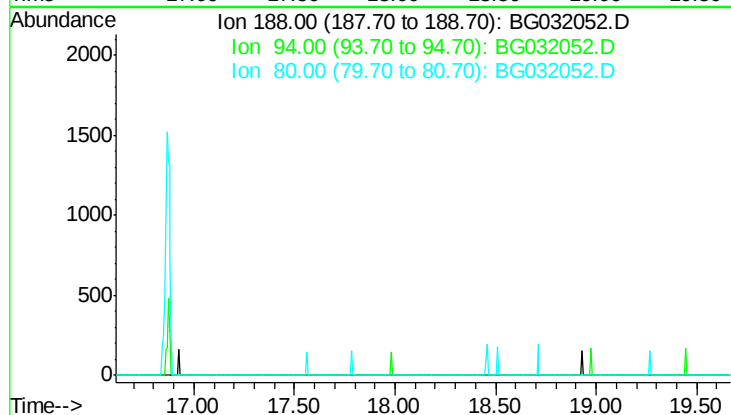




#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 18.14 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

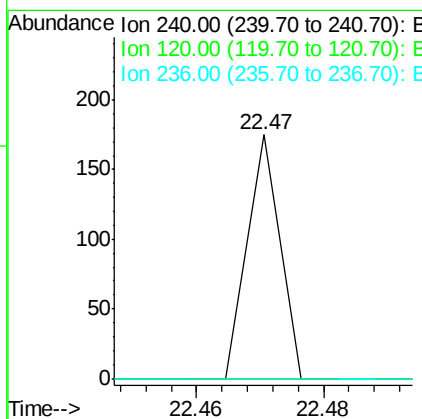
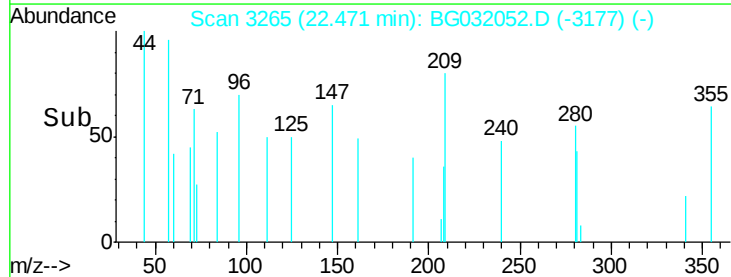
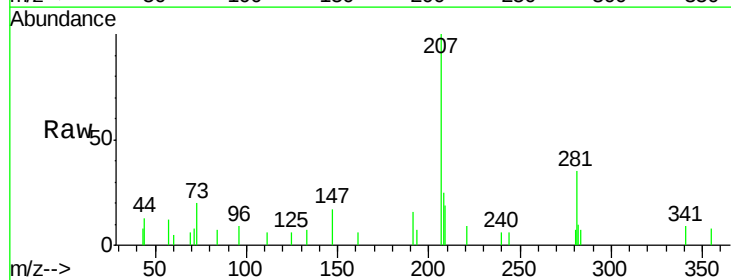
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5

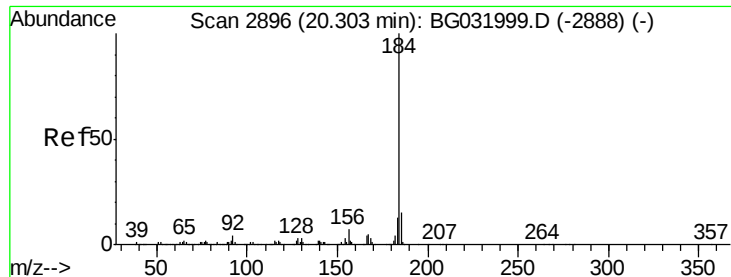
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 8.6
 80 9.6



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Tgt Ion: 240 Resp: 62
 Ion Ratio Lower Upper
 240 100
 120 0.0 6.8 10.2#
 236 0.0 20.9 31.3#





#76

Benzidine

Concen: 10269.072 ng

RT: 20.66 min Scan# 2957

Delta R.T. 0.36 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5

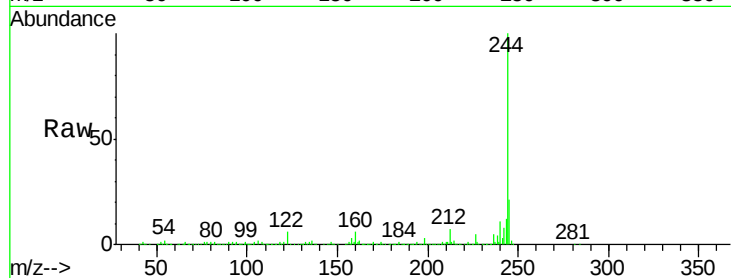
Tgt Ion:184 Resp: 15921

Ion Ratio Lower Upper

184 100

185 21.2 11.1 16.7#

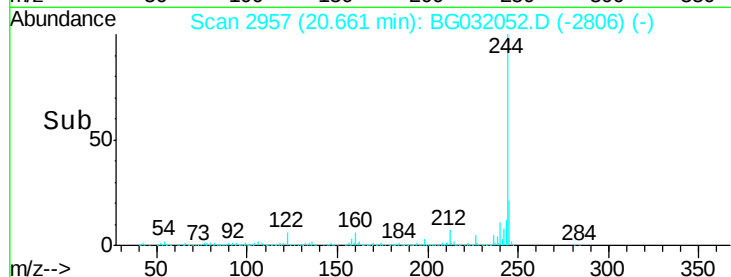
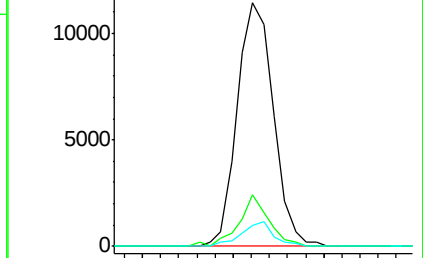
183 8.8 10.6 16.0#



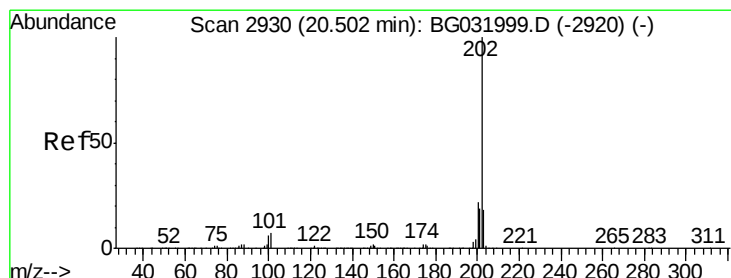
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 38.229 ng

RT: 20.48 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

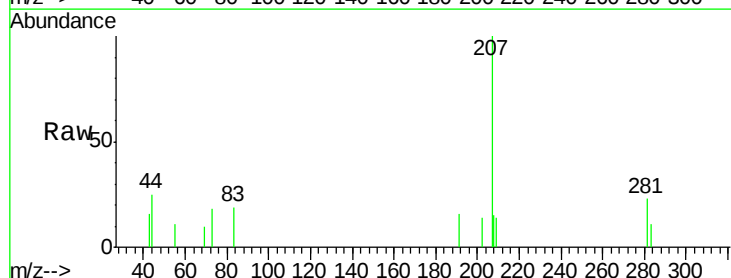
Tgt Ion:202 Resp: 149

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

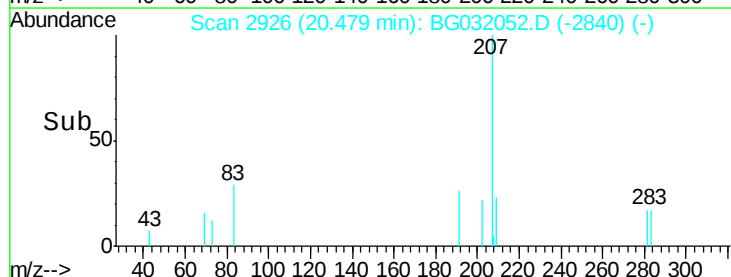
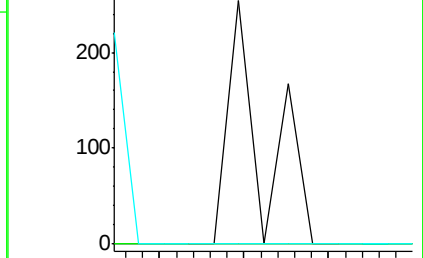
203 0.0 13.9 20.9#



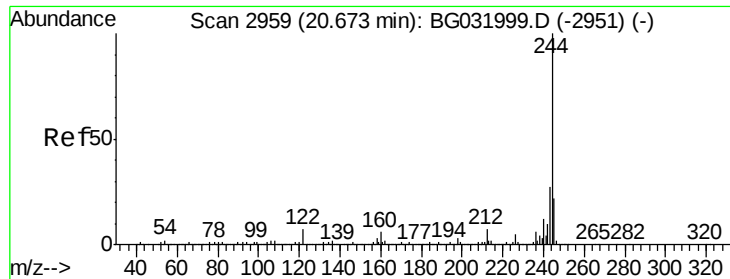
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 432889.157 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Instrument :

BNA_G

ClientSampled :

SB-22-3.0-3.5

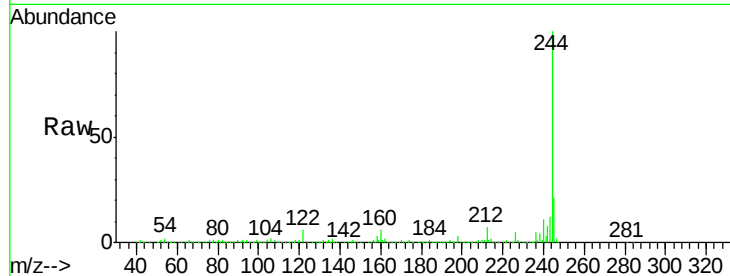
Tgt Ion:244 Resp: 1215516

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

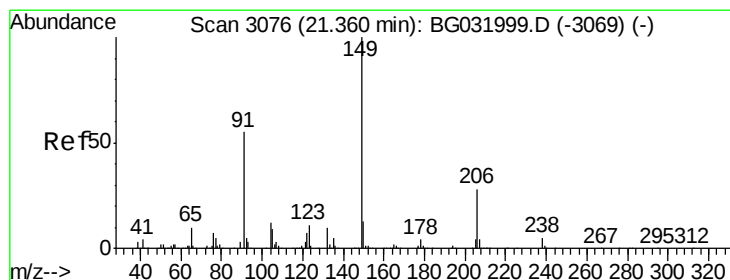
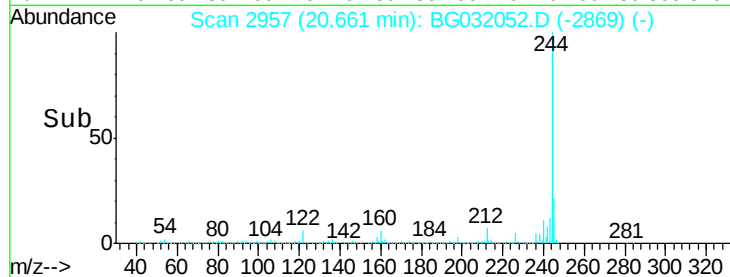
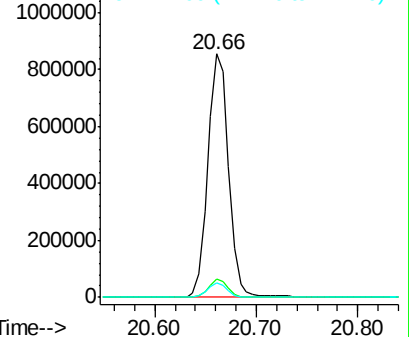
122 6.0 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 145.369 ng

RT: 21.34 min Scan# 3072

Delta R.T. -0.02 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

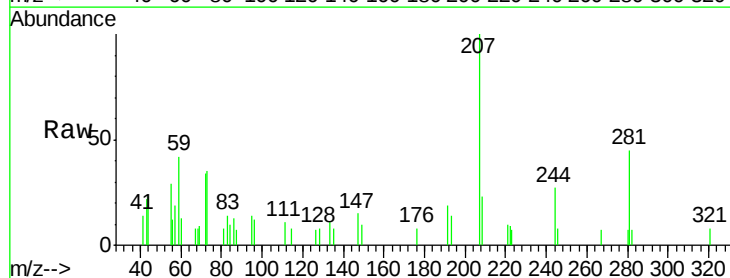
Tgt Ion:149 Resp: 203

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

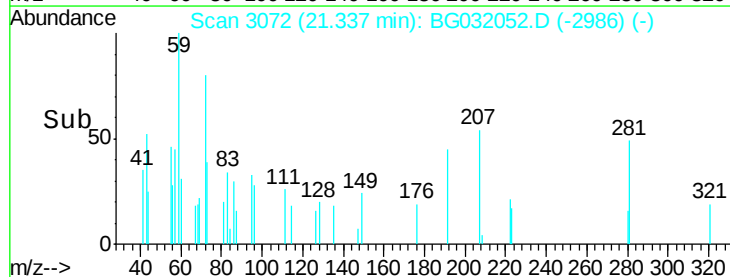
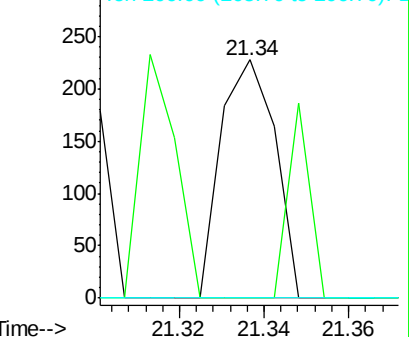
206 0.0 18.6 27.8#

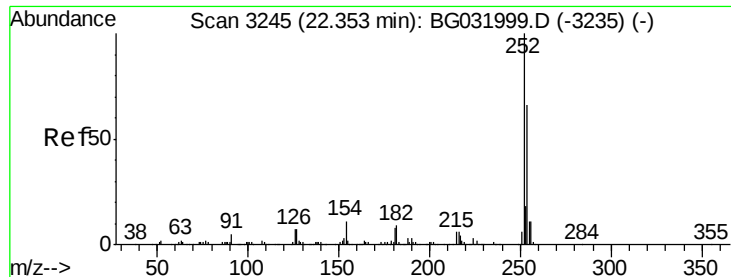


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

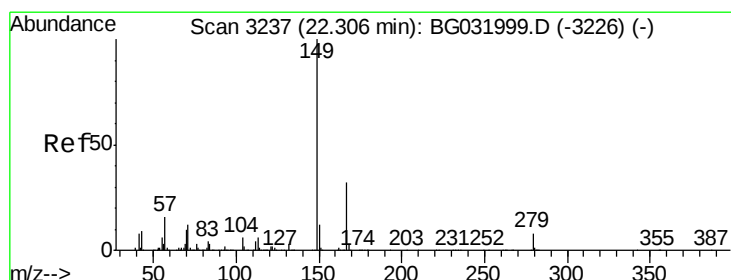
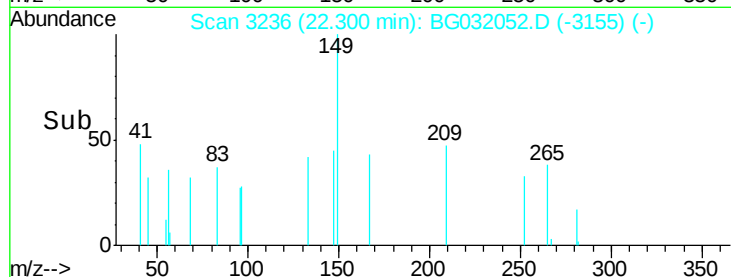
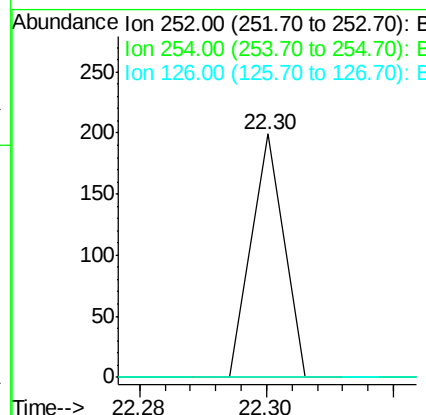
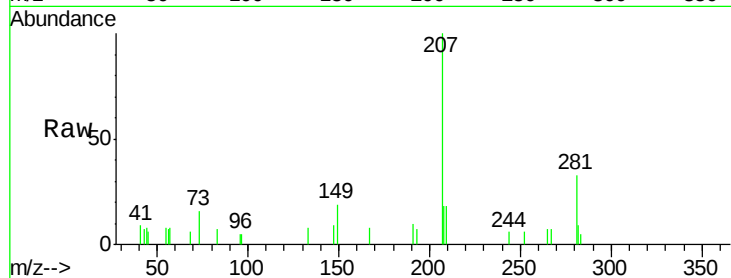




#81
 3,3'-Dichlorobenzidine
 Concen: 48.599 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.05 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

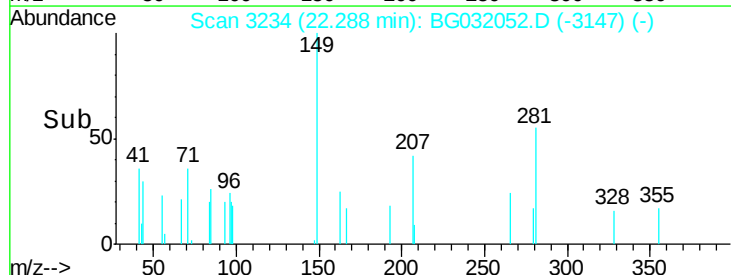
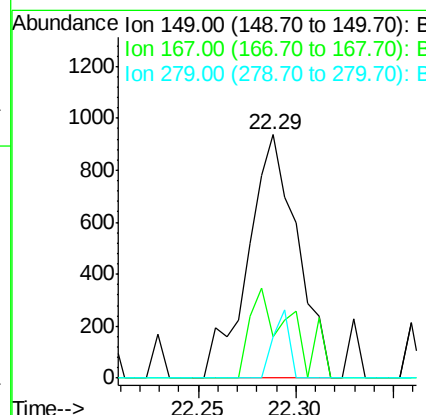
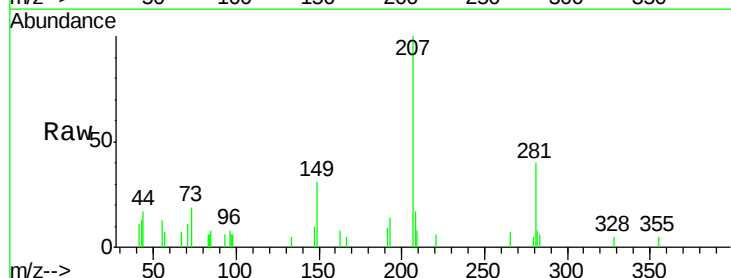
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5

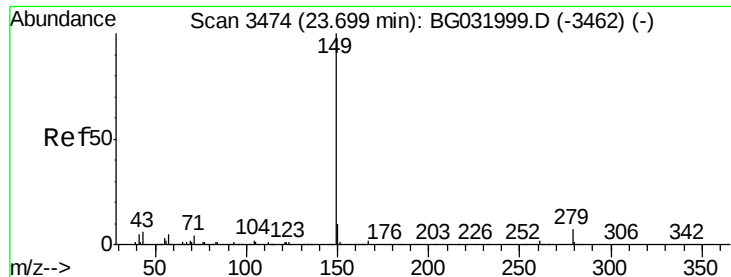
Tgt Ion: 252 Resp: 70
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 795.989 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG032052.D
 Acq: 16 Jan 2018 4:13

Tgt Ion: 149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 17.2 24.3 36.5#
 279 16.9 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 23.060 ng

RT: 23.70 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5

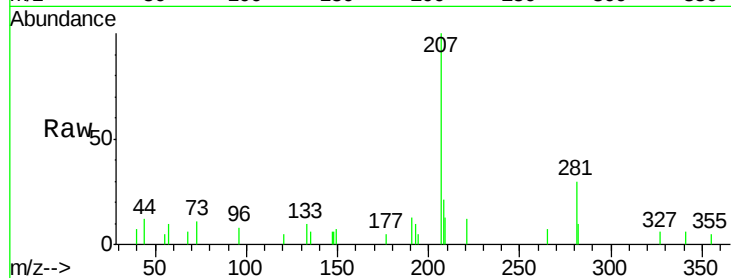
Tgt Ion:149 Resp: 75

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

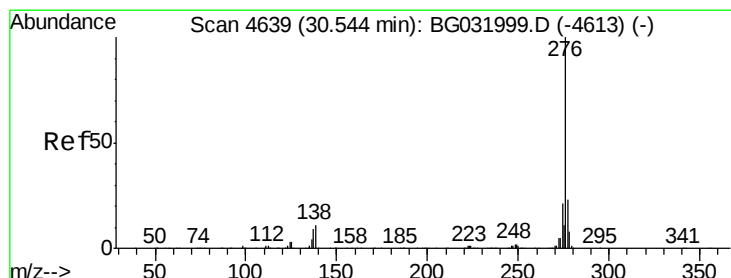
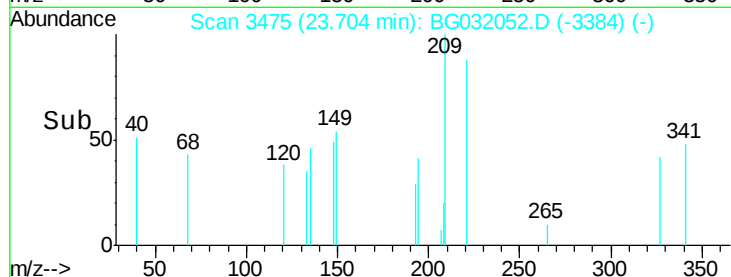
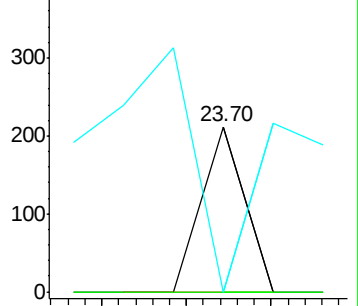
43 350.7 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.902 ng

RT: 30.51 min Scan# 4634

Delta R.T. -0.03 min

Lab File: BG032052.D

Acq: 16 Jan 2018 4:13

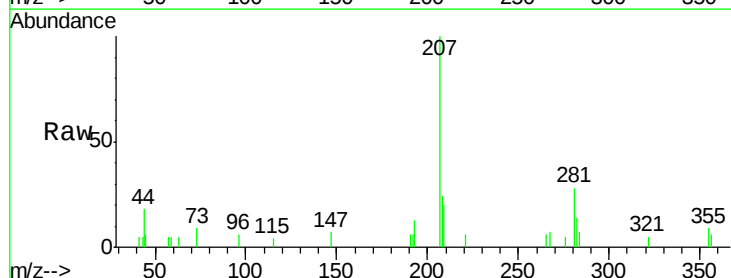
Tgt Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

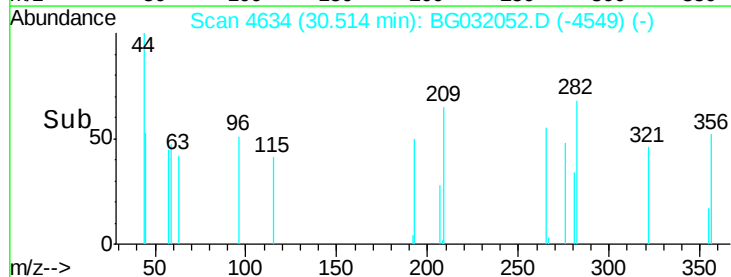
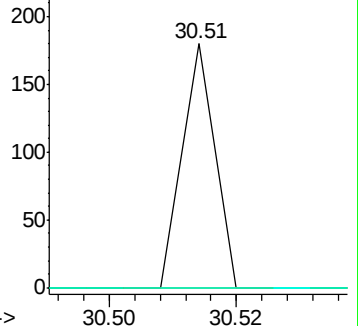
277 0.0 20.0 30.0#

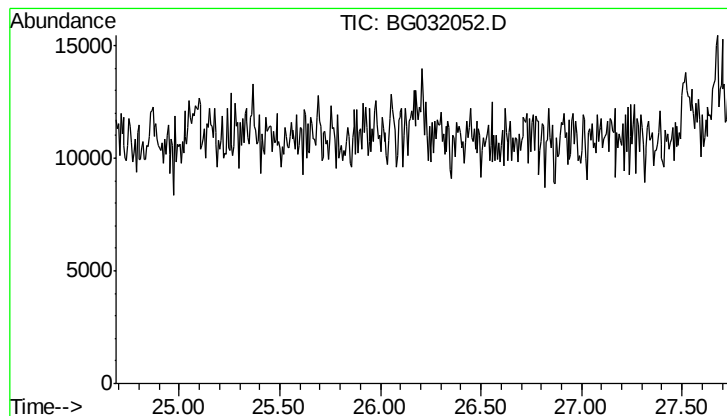


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 26.21 min
Lab File: BG032052.D
Acq: 16 Jan 2018 4:13

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5

Tgt Ion:	264
Sig	Exp Ratio
264	100
260	21.7
265	22.1

