

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012318\
 Data File : BG032254.D
 Acq On : 24 Jan 2018 9:56
 Operator : SJ/JU
 Sample : J1250-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-10(0-2)

Quant Time: Jan 24 11:10:54 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

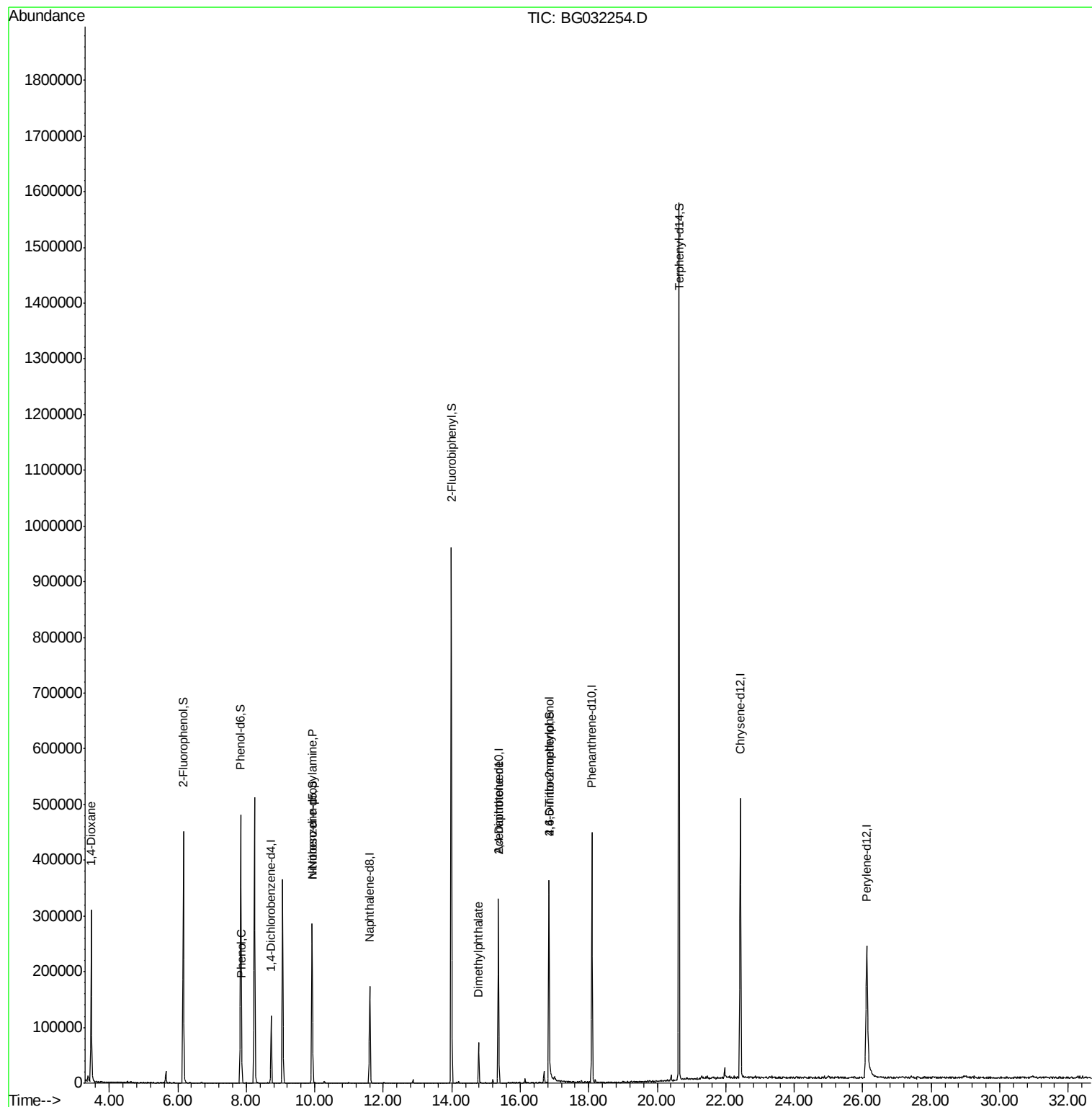
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40848	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	171917	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	121585	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	302933	20.00	ng	0.00
75) Chrysene-d12	22.42	240	388849	20.00	ng	0.00
86) Perylene-d12	26.11	264	406632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	237556	106.36	ng	0.00
7) Phenol-d6	7.84	99	298528	106.13	ng	0.00
23) Nitrobenzene-d5	9.92	82	178835	70.38	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	97473	48.45	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	568272	57.95	ng	0.00
78) Terphenyl-d14	20.63	244	870290	49.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.47	88	3381	3.940	ng	Qvalue # 1
10) Phenol	7.86	94	15525	5.603	ng	93
19) n-Nitroso-di-n-propylamine	9.92	70	24590	14.090	ng	# 80
49) Dimethylphthalate	14.79	163	56458	5.306	ng	98
56) 2,4-Dinitrotoluene	15.36	165	16148	5.431	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	131	4.945	ng	# 29

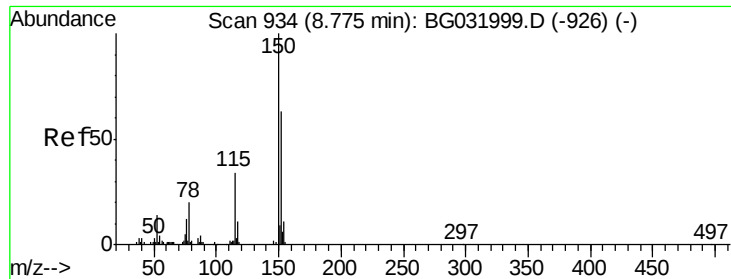
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012318\
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Sample : J1250-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AB-10(0-2)

Quant Time: Jan 24 11:10:54 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 10:00:32 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

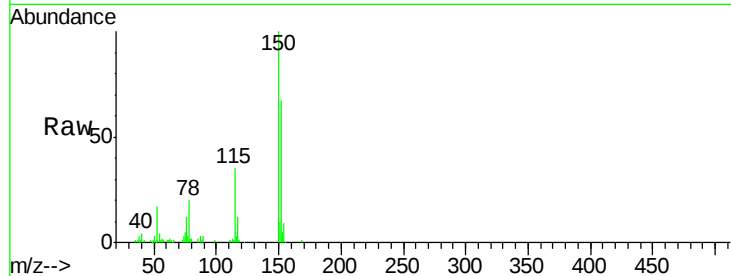
Tgt Ion:152 Resp: 40848

Ion Ratio Lower Upper

152 100

150 148.3 126.6 189.8

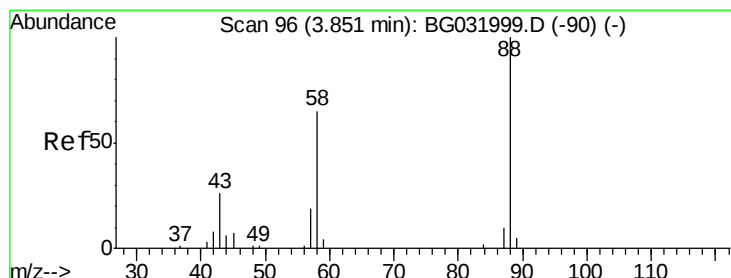
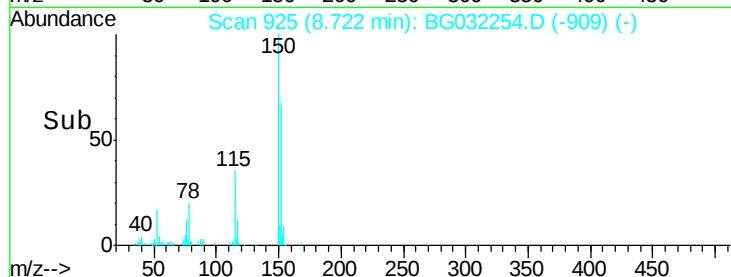
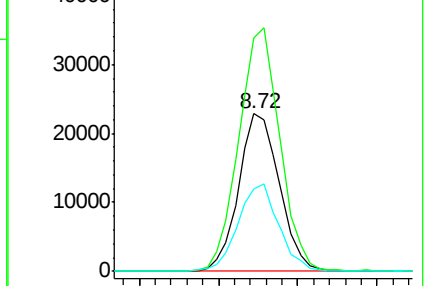
115 51.9 53.0 79.4#



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



#2

1,4-Dioxane

Concen: 3.940 ng

RT: 3.47 min Scan# 31

Delta R.T. -0.35 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

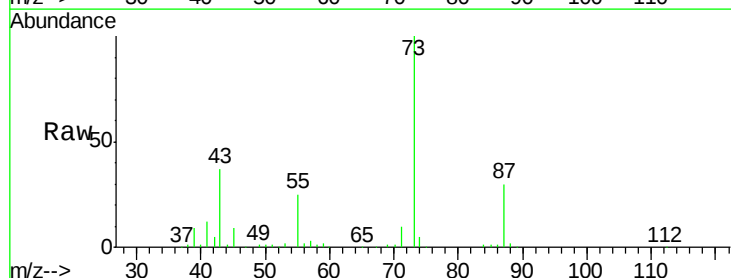
Tgt Ion: 88 Resp: 3381

Ion Ratio Lower Upper

88 100

58 39.2 79.6 119.4#

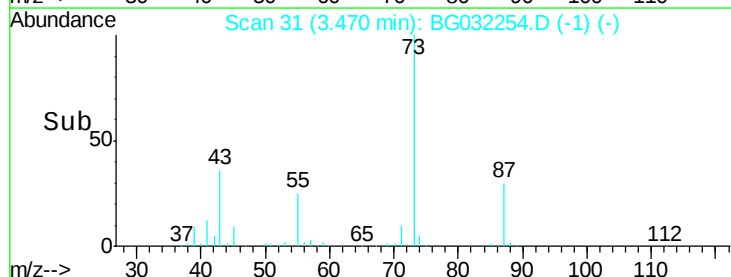
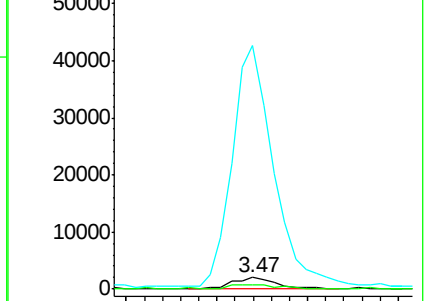
43 2003.6 27.4 41.0#

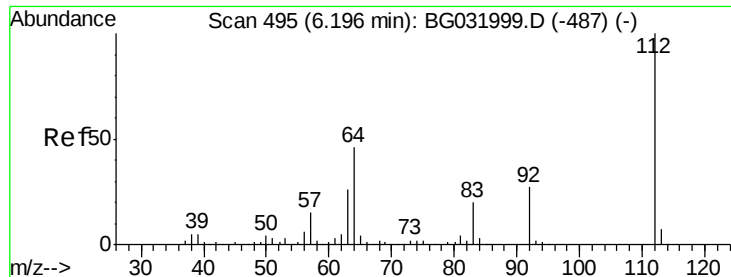


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

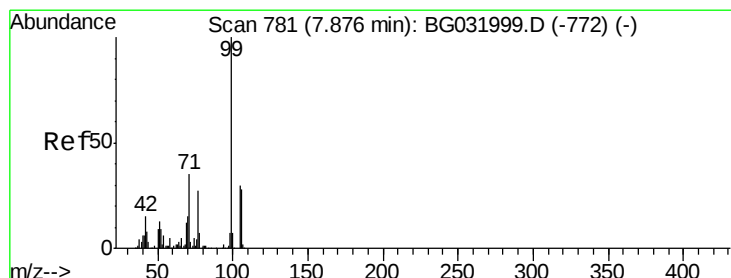
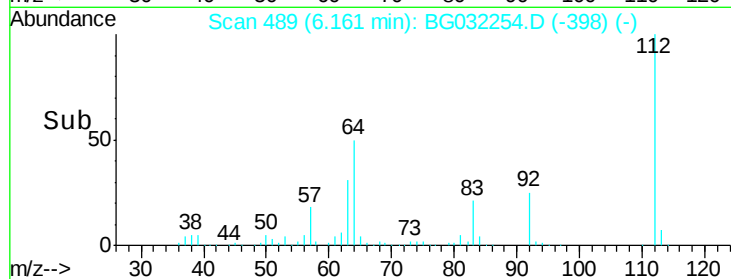
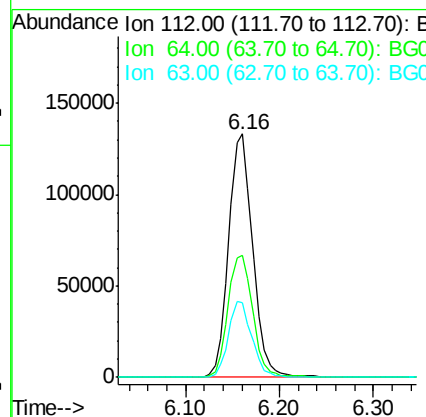
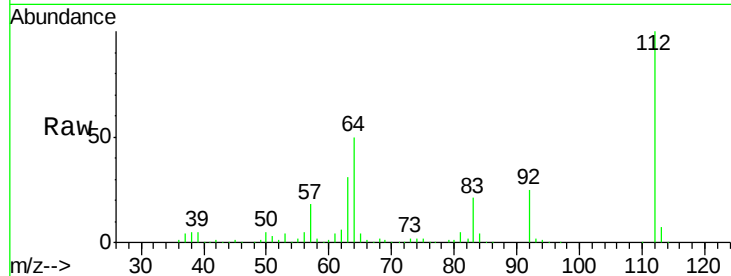




#5
 2-Fluorophenol
 Concen: 106.364 ng
 RT: 6.16 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: BG032254.D
 Acq: 24 Jan 2018 9:56

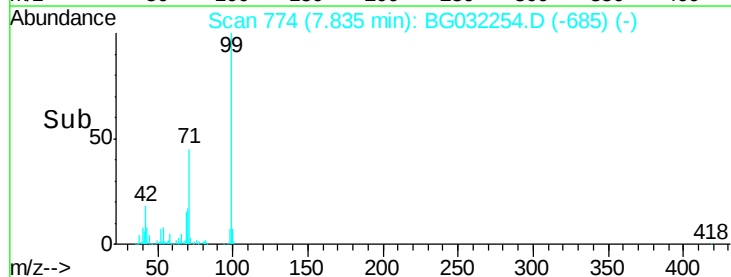
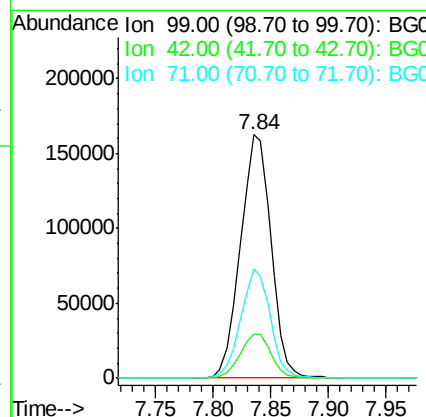
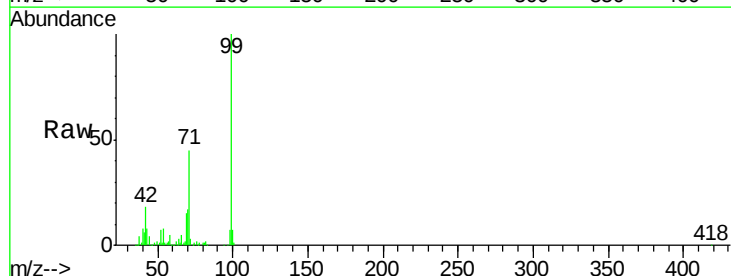
Instrument :
 BNA_G
 ClientSampleId :
 AB-10(0-2)

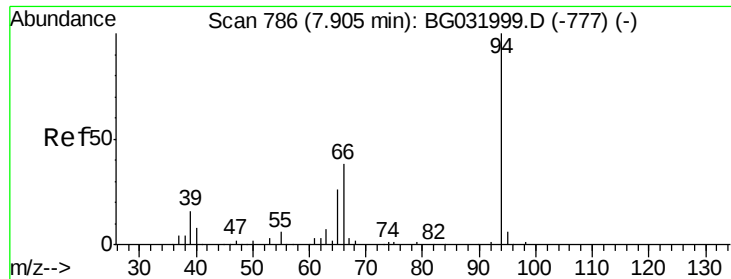
Tgt Ion: 112 Resp: 237556
 Ion Ratio Lower Upper
 112 100
 64 50.2 56.3 84.5#
 63 30.9 30.1 45.1



#7
 Phenol-d6
 Concen: 106.129 ng
 RT: 7.84 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BG032254.D
 Acq: 24 Jan 2018 9:56

Tgt Ion: 99 Resp: 298528
 Ion Ratio Lower Upper
 99 100
 42 18.2 14.1 21.1
 71 44.8 26.1 39.1#





#10

Phenol

Concen: 5.603 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

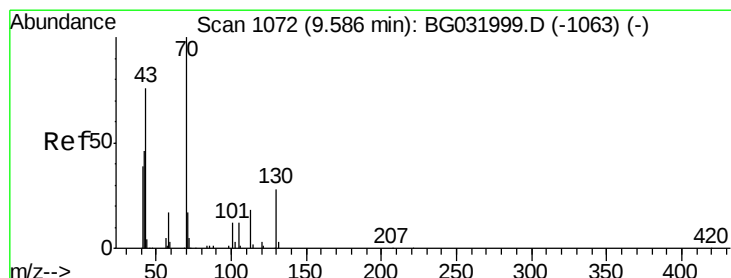
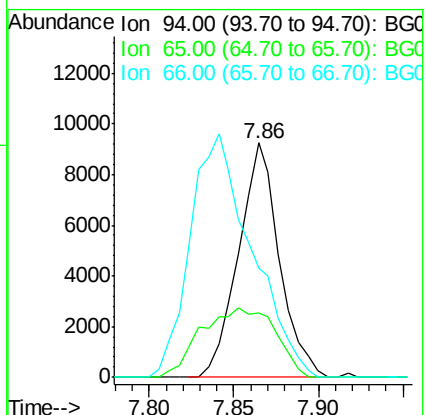
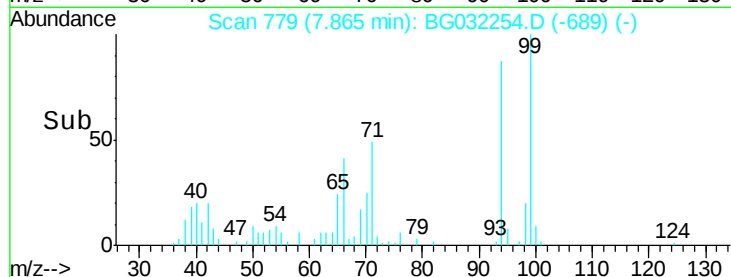
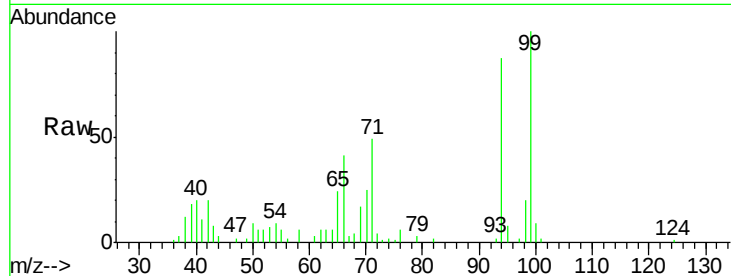
Tgt Ion: 94 Resp: 15525

Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 46.8 22.2 62.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.090 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Tgt Ion: 70 Resp: 24590

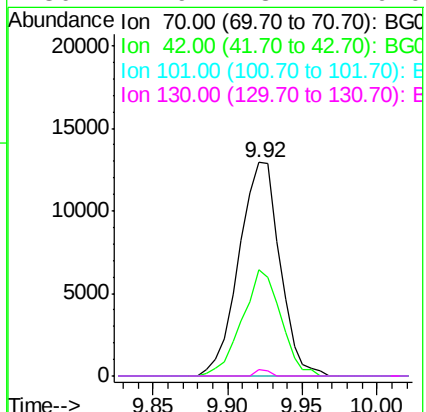
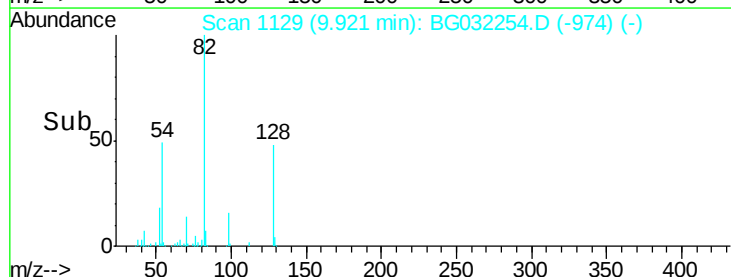
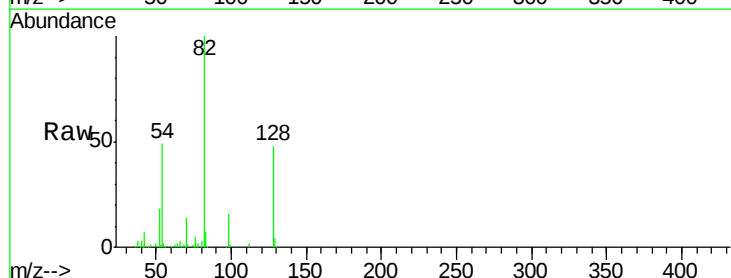
Ion Ratio Lower Upper

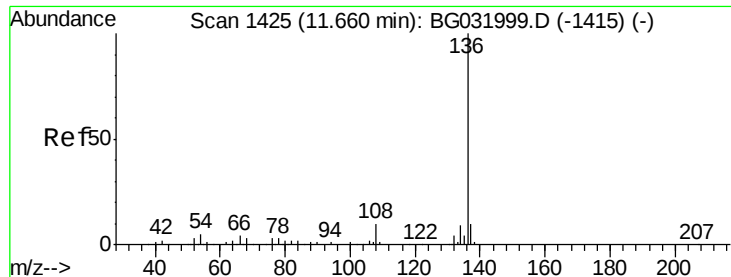
70 100

42 49.5 49.1 73.7

101 0.0 8.5 12.7#

130 2.9 13.4 20.0#

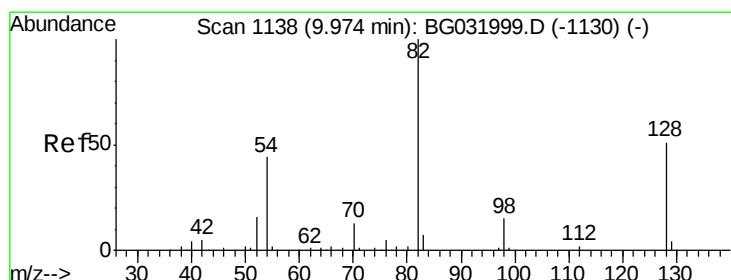
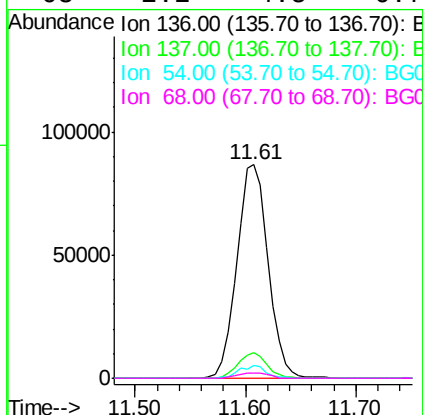
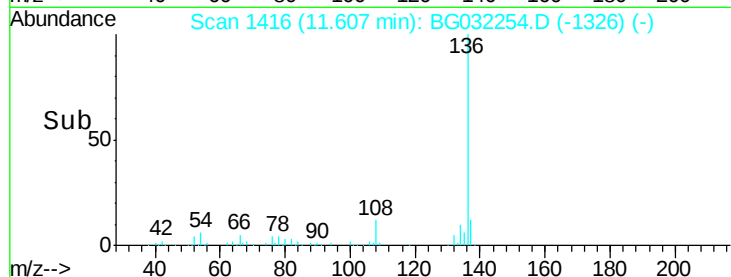
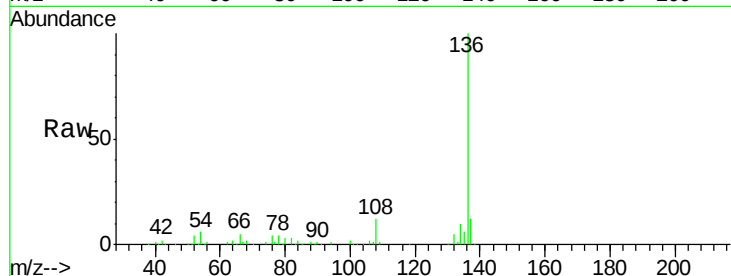




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

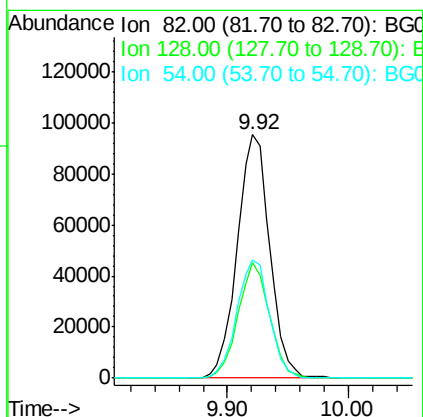
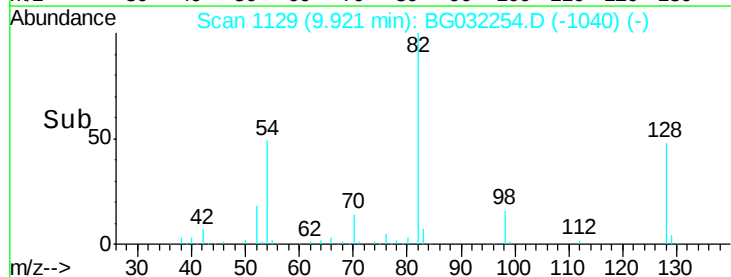
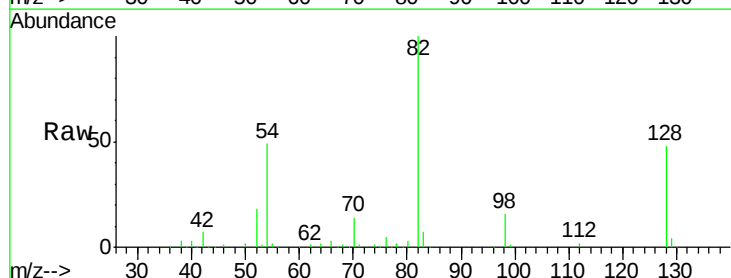
Instrument :
BNA_G
ClientSampleId :
AB-10(0-2)

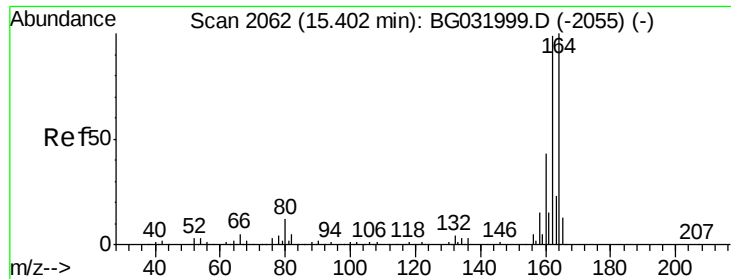
Tgt Ion:	136	Resp:	171917
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	5.9	10.3	15.5#
68	2.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 70.377 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

Tgt Ion:	82	Resp:	178835
Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	48.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

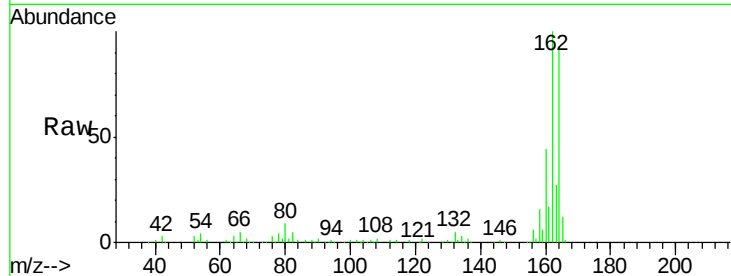
Tgt Ion:164 Resp: 121585

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

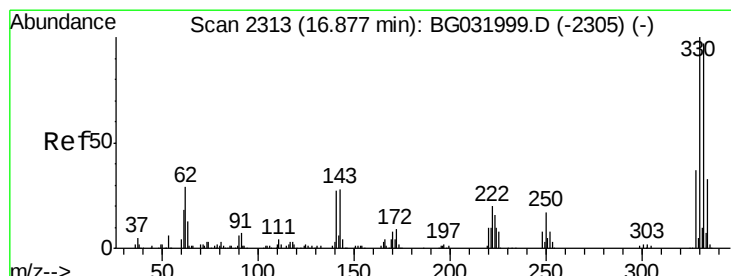
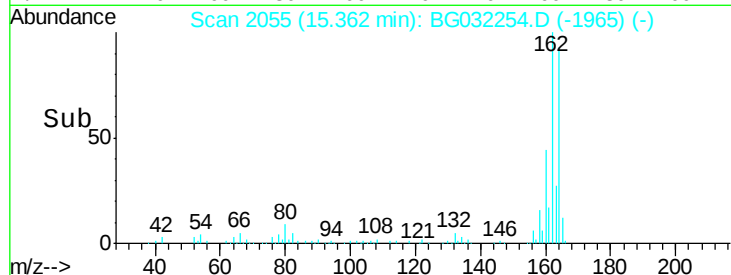
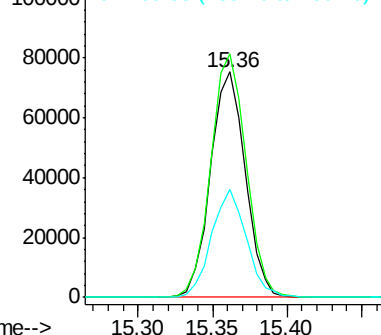
160 47.8 35.4 53.0



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: 48.447 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

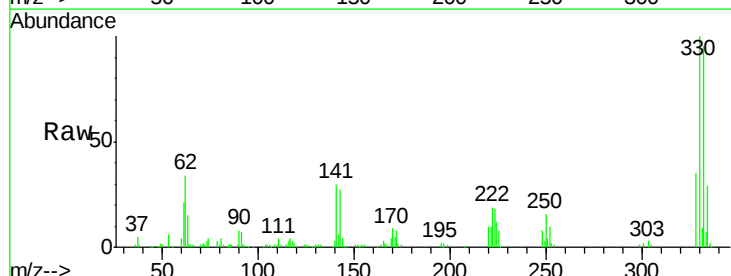
Tgt Ion:330 Resp: 97473

Ion Ratio Lower Upper

330 100

332 91.3 77.0 115.6

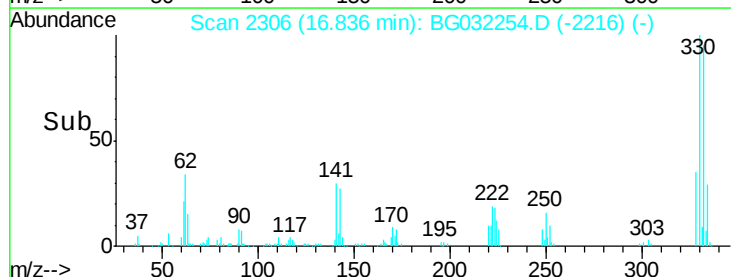
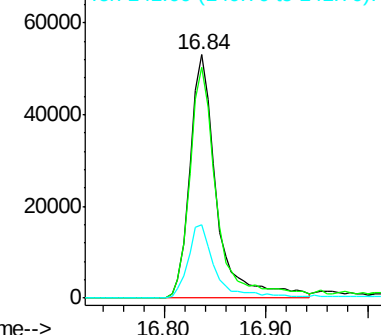
141 30.7 25.2 37.8

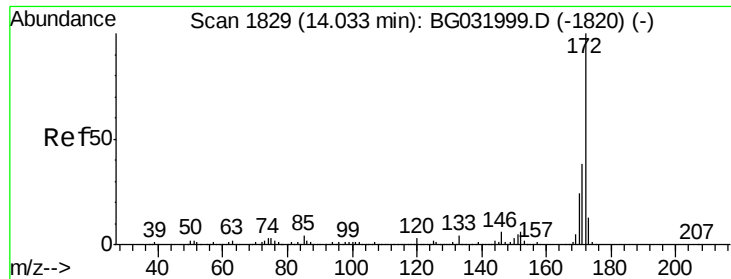


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

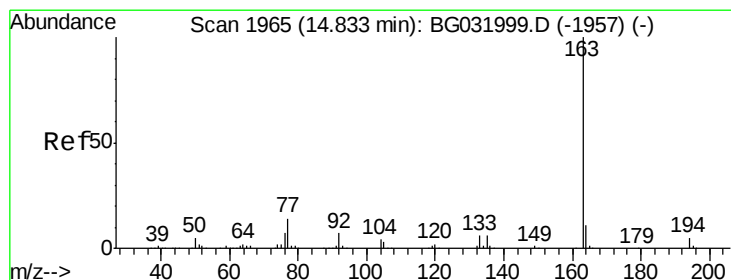
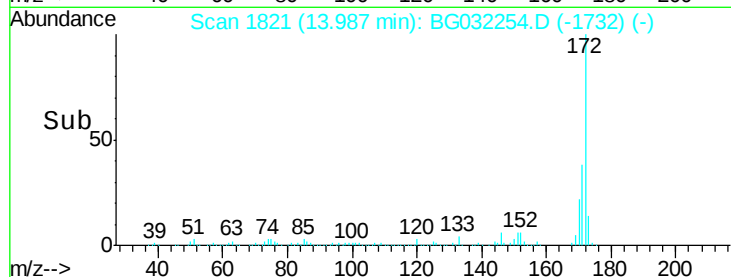
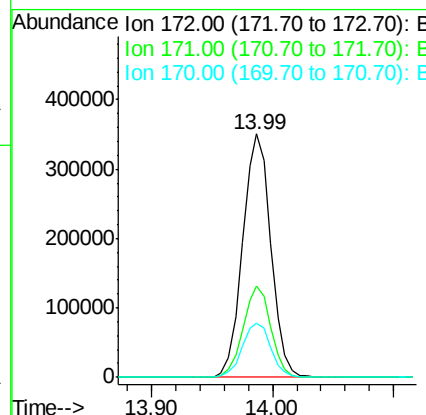
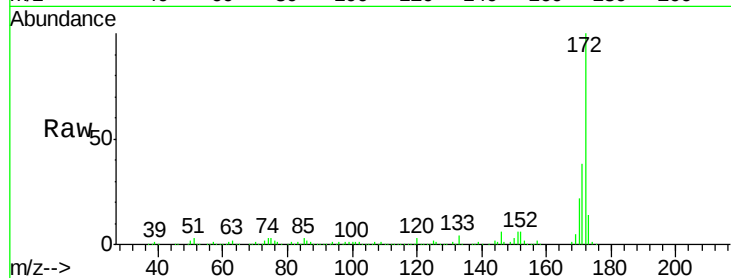




#44
2-Fluorobiphenyl
Concen: 57.954 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

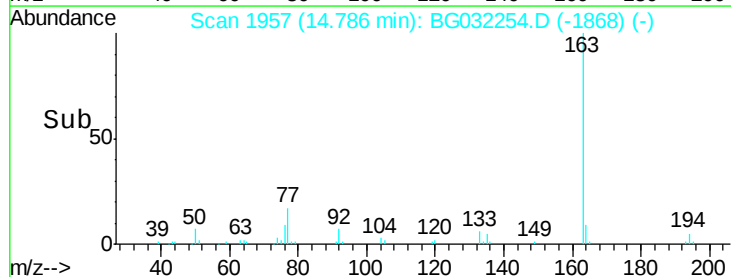
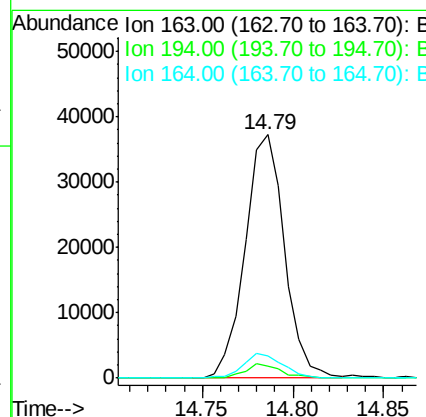
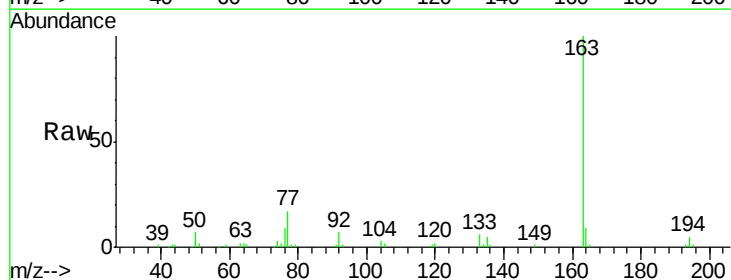
Instrument :
BNA_G
ClientSampleId :
AB-10(0-2)

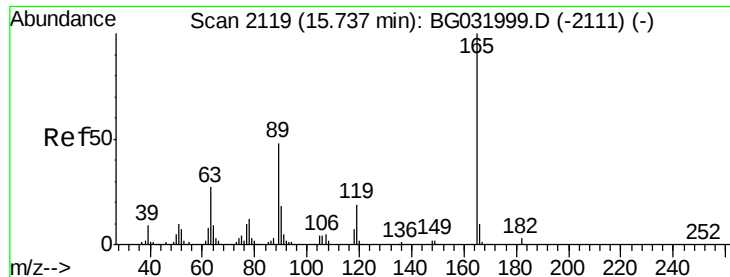
Tgt Ion:172 Resp: 568272
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.306 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

Tgt Ion:163 Resp: 56458
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 9.3 8.2 12.4

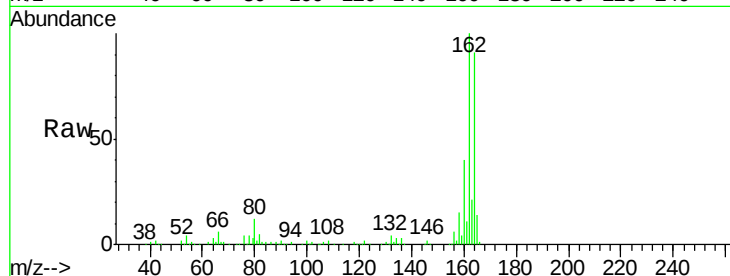




#56
 2,4-Dinitrotoluene
 Concen: 5.431 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032254.D
 Acq: 24 Jan 2018 9:56

Instrument :
 BNA_G
 ClientSampleId :
 AB-10(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#

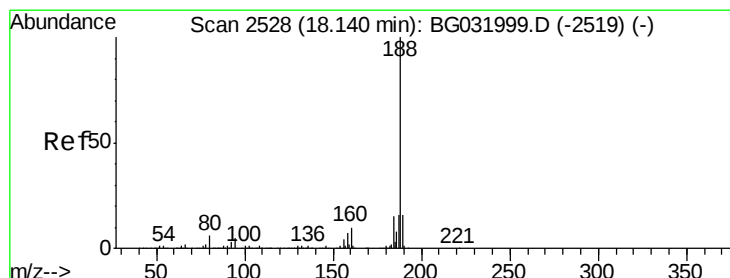
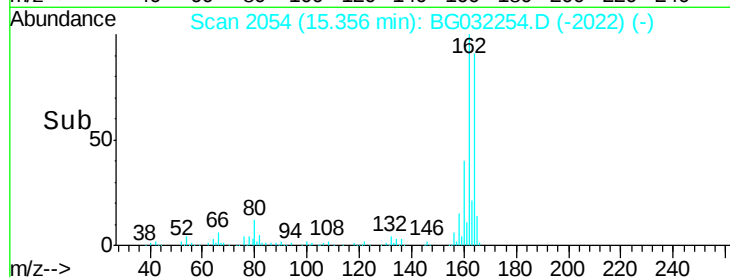
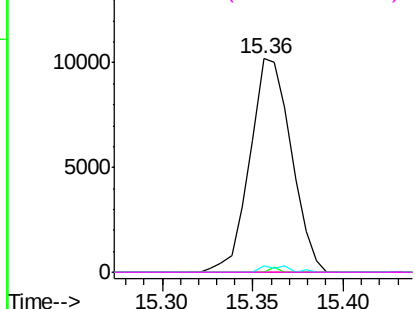


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

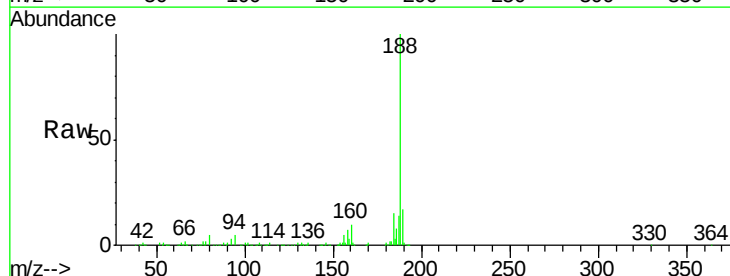
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032254.D
 Acq: 24 Jan 2018 9:56

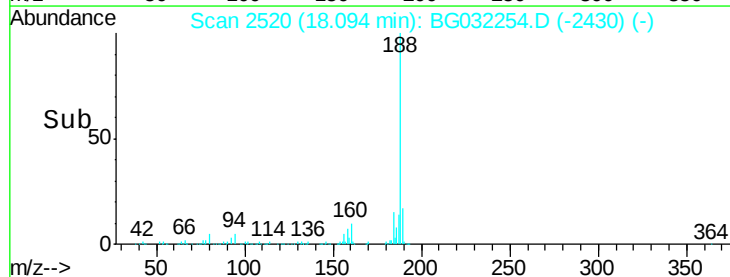
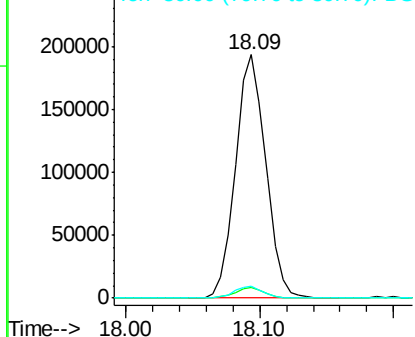
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.7	7.7	11.5#

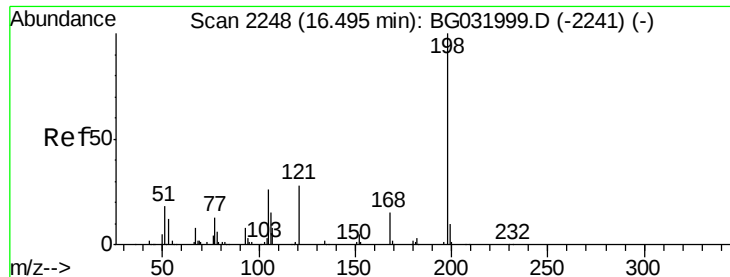


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 4.945 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.38 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

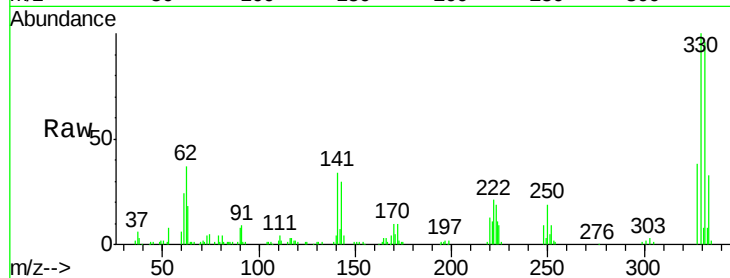
Tgt Ion:198 Resp: 131

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

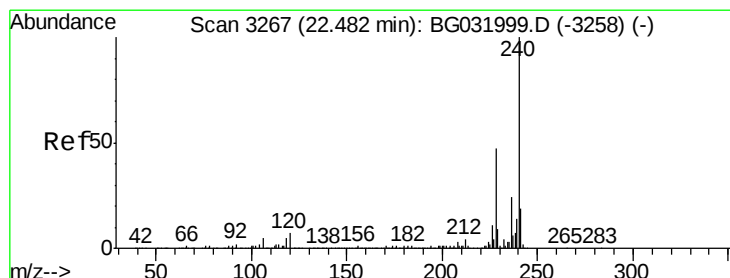
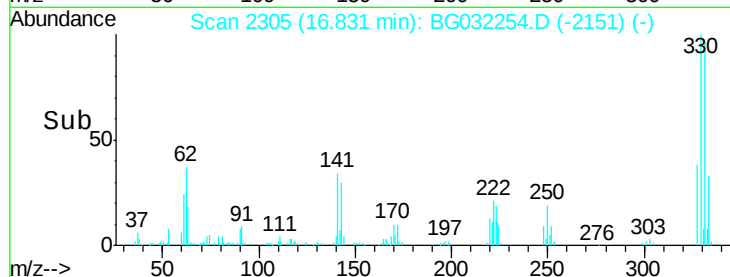
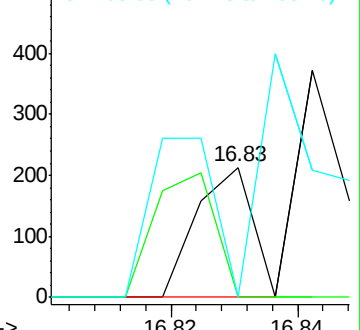
105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

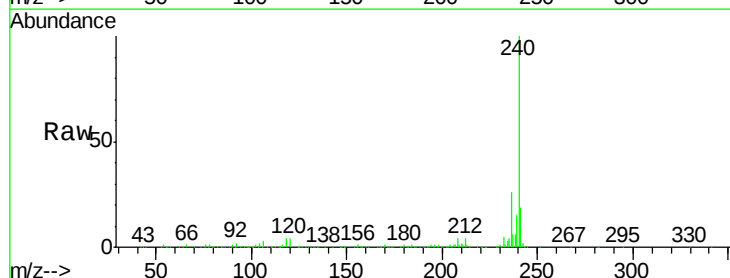
Tgt Ion:240 Resp: 388849

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

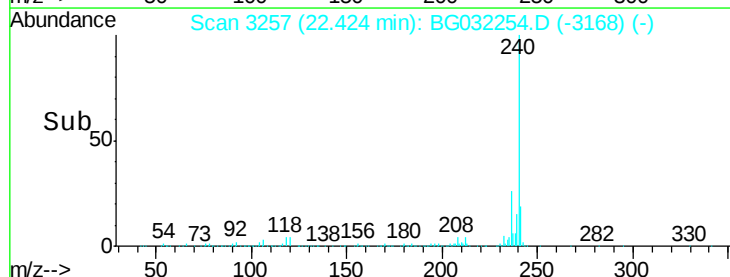
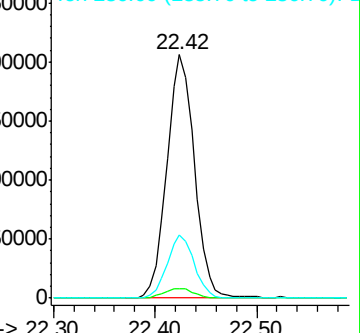
236 25.8 20.9 31.3

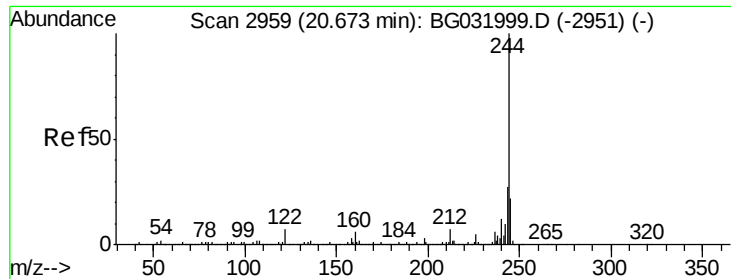


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.419 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

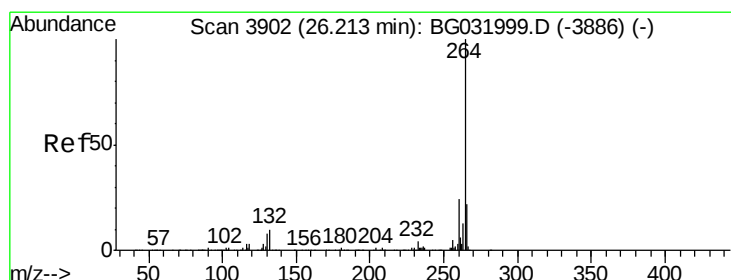
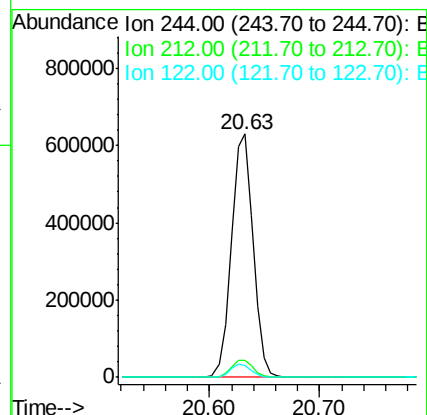
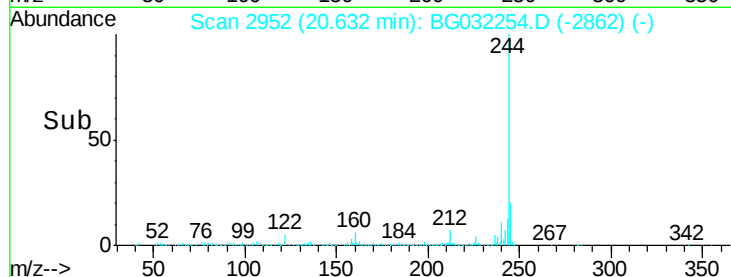
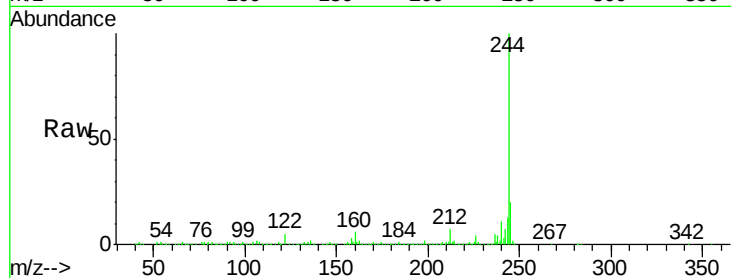
Tgt Ion:244 Resp: 870290

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 5.0 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.11 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Tgt Ion:264 Resp: 406632

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 23.4 17.7 26.5

