

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032703.D
 Acq On : 15 Feb 2018 6:31
 Operator : SJ/JU
 Sample : J1530-43
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 15 07:25:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

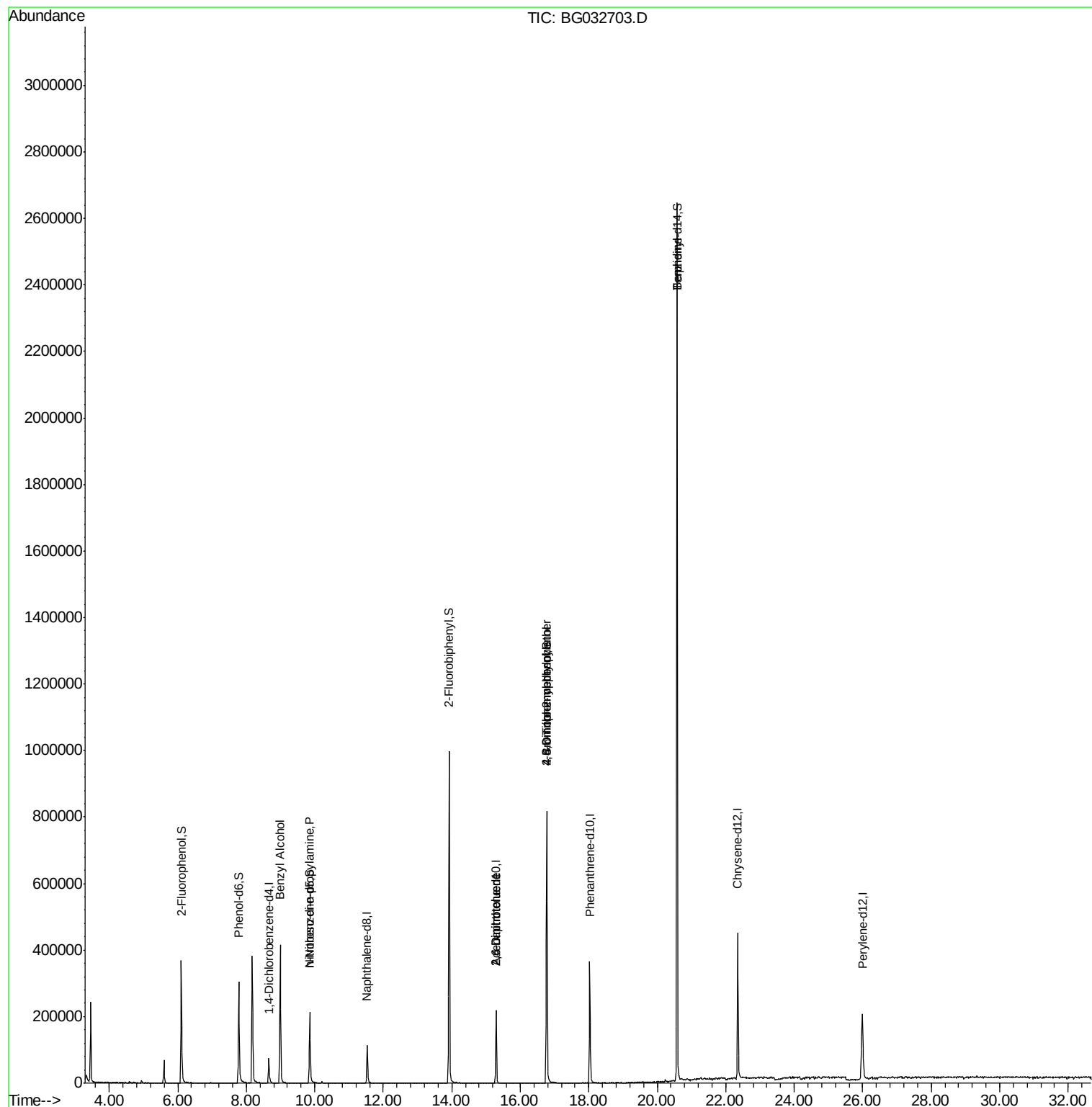
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	27755	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	121885	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	86073	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	232380	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	310863	20.00	ng	-0.02
86) Perylene-d12	25.98	264	286061	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	198665	143.61	ng	-0.01
7) Phenol-d6	7.78	99	207797	109.85	ng	-0.01
23) Nitrobenzene-d5	9.86	82	151901	79.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	222573	167.94	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	626254	90.99	ng	-0.01
78) Terphenyl-d14	20.58	244	1452398	106.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.99	79	3312	2.34	ng	# 40
19) n-Nitroso-di-n-propylamine	9.85	70	22039	17.33	ng	# 76
50) 2,6-Dinitrotoluene	15.29	165	10764	7.02	ng	# 18
56) 2,4-Dinitrotoluene	15.29	165	10764	5.10	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.77	198	514	5.30	ng	# 28
66) 4-Bromophenyl-phenylether	16.77	248	17630	5.30	ng	# 1
76) Benizidine	20.58	184	20355	2.78	ng	# 92

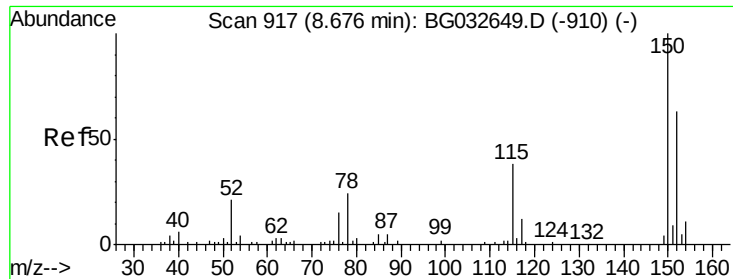
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032703.D
Acq On : 15 Feb 2018 6:31
Operator : SJ/JU
Sample : J1530-43
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 15 07:25:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

Instrument :

BNA_G

ClientSampled :

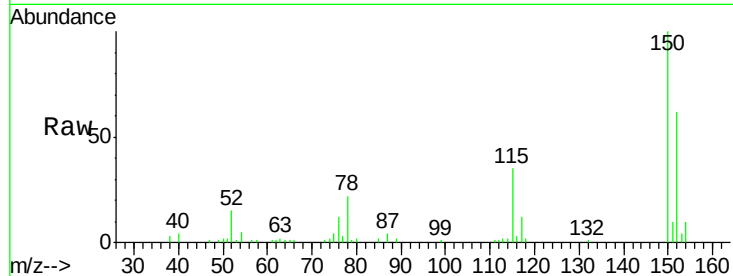
Tot Ion:152 Resp: 27755

Ion Ratio Lower Upper

152 100

150 161.0 126.6 189.8

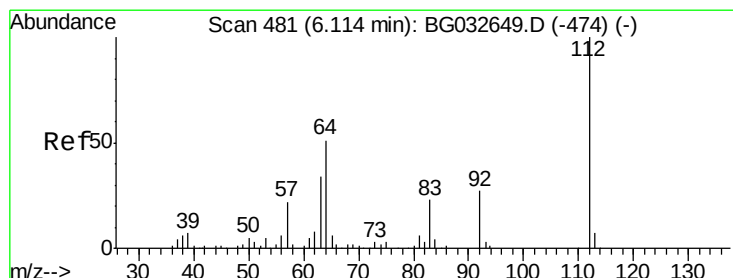
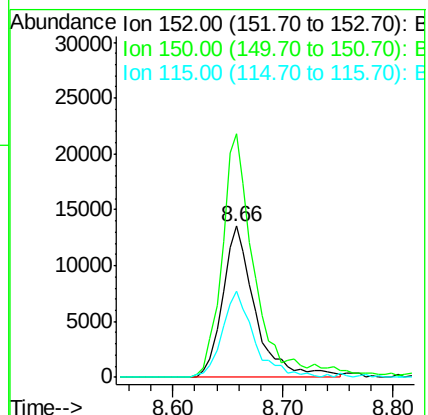
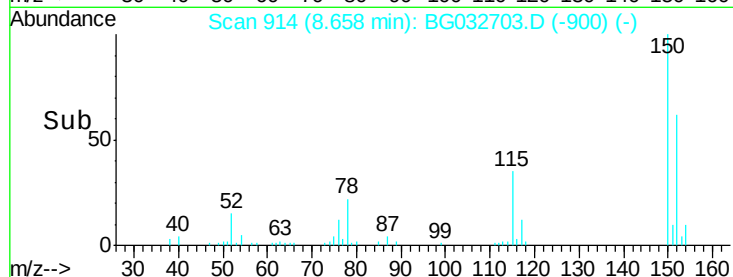
115 57.1 53.0 79.4



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: 143.61 ng

RT: 6.10 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

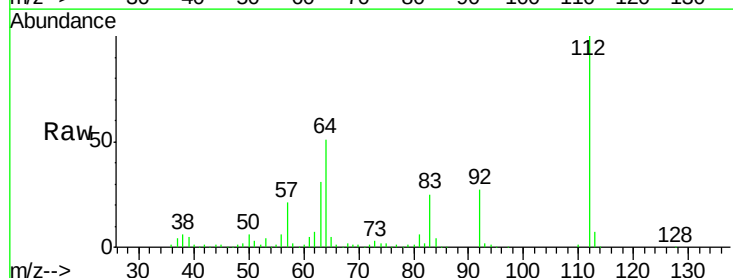
Tgt Ion:112 Resp: 198665

Ion Ratio Lower Upper

112 100

64 50.9 56.3 84.5#

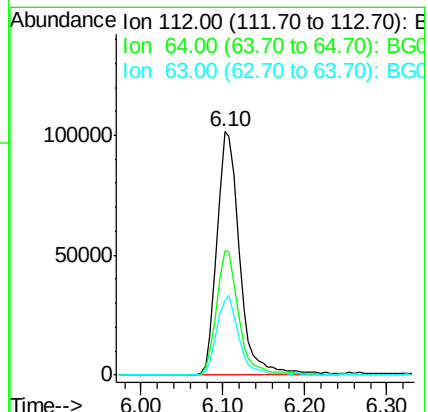
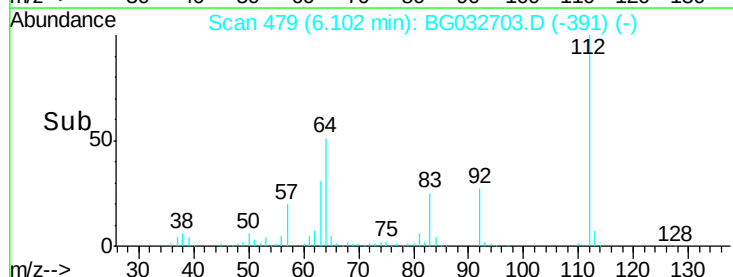
63 30.9 30.1 45.1

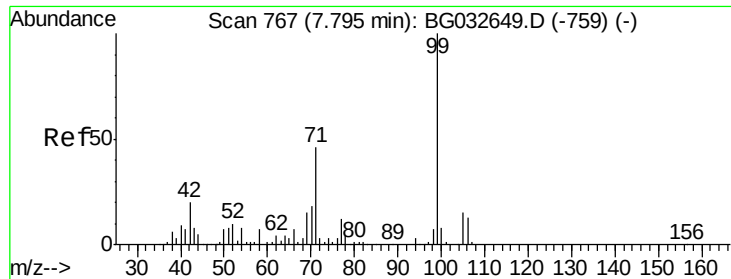


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.85 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

Instrument :

BNA_G

ClientSampled :

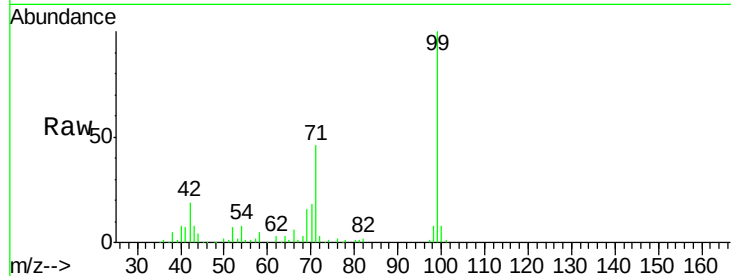
Tot Ion: 99 Resp: 207797

Ion Ratio Lower Upper

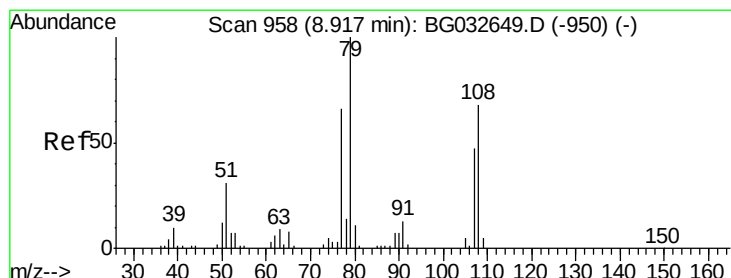
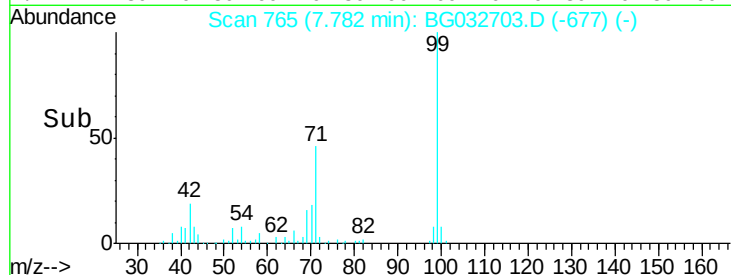
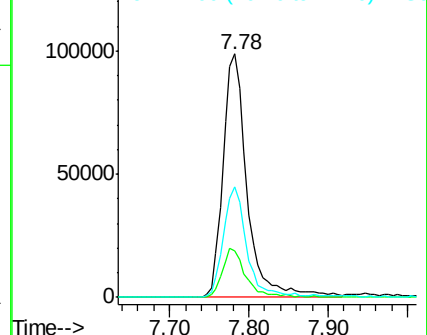
99 100

42 19.2 14.1 21.1

71 45.6 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



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 8.99 min Scan# 970

Delta R.T. 0.07 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

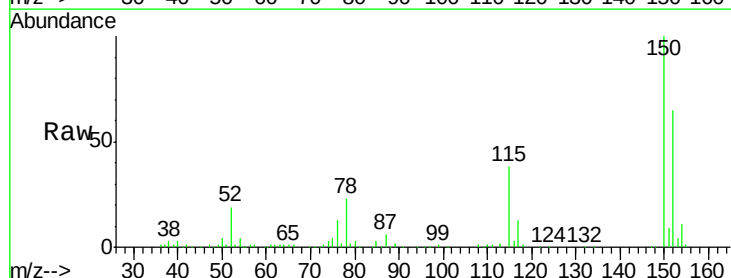
Tgt Ion: 79 Resp: 3312

Ion Ratio Lower Upper

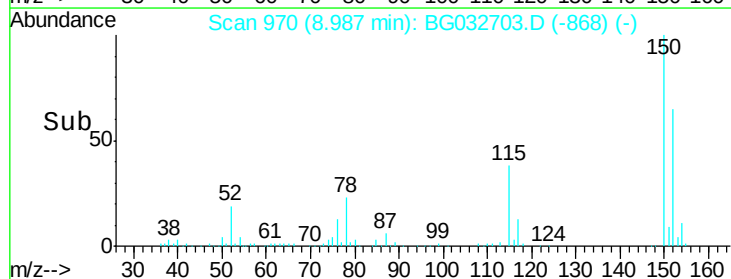
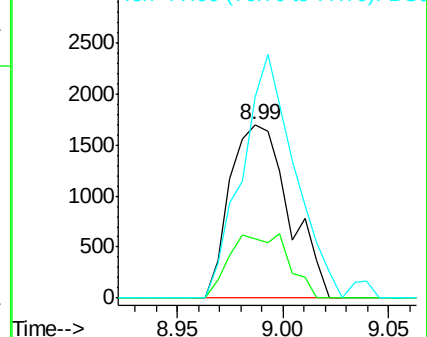
79 100

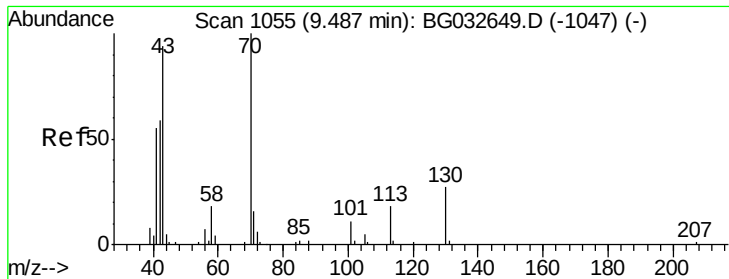
108 34.3 57.2 85.8#

77 116.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

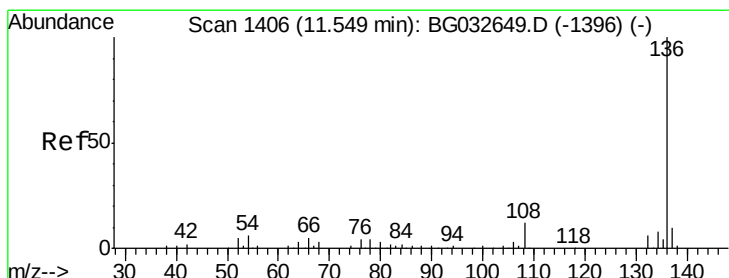
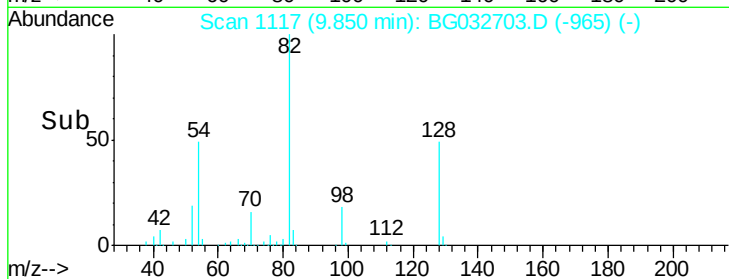
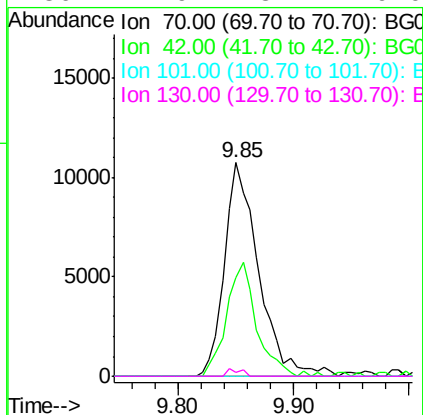
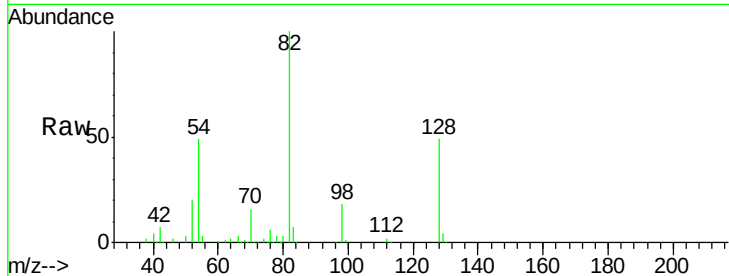




#19
n-Nitroso-di-n-propylamine
Concen: 17.33 ng
RT: 9.85 min Scan# 1117
Delta R.T. 0.36 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

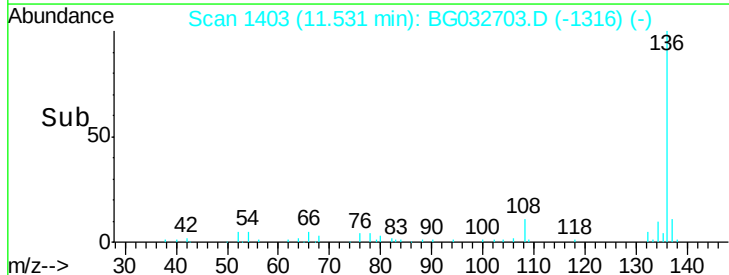
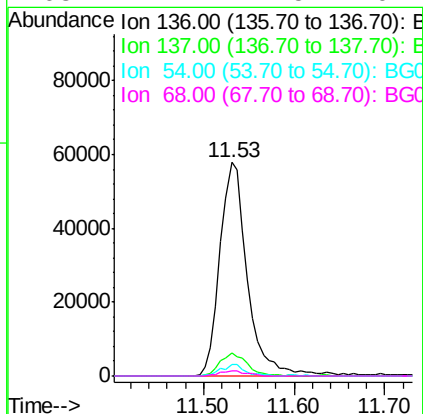
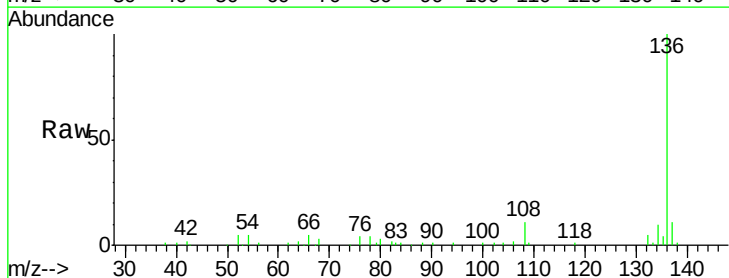
Instrument :
BNA_G
ClientSampleId :

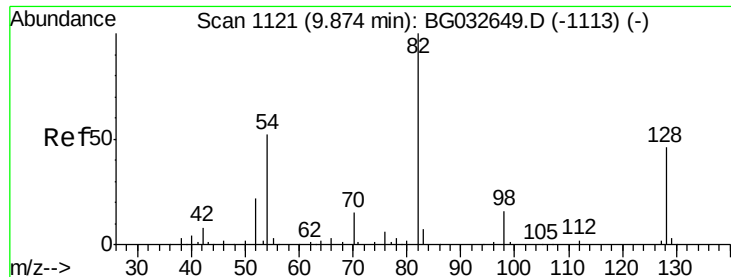
Tot Ion: 70 Resp: 22039
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Tgt Ion: 136 Resp: 121885
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 5.3 10.3 15.5#
68 2.7 4.5 6.7#

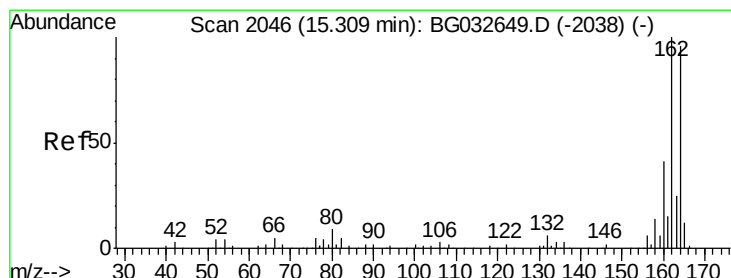
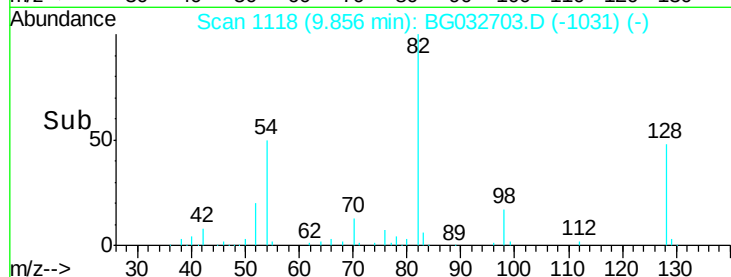
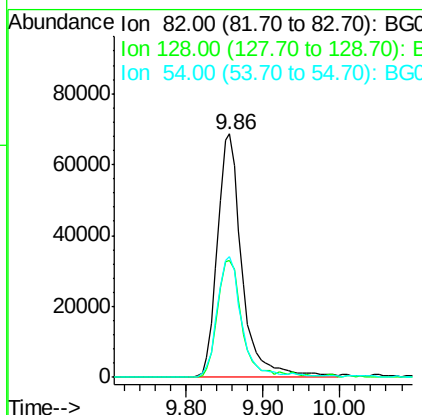
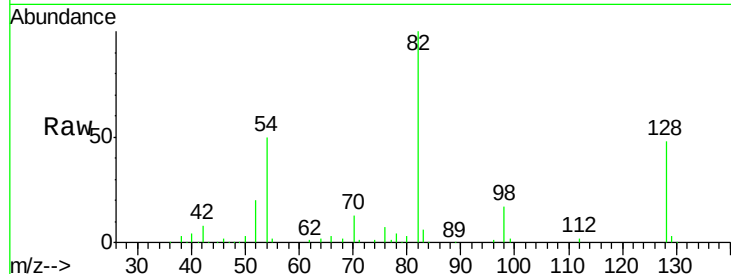




#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

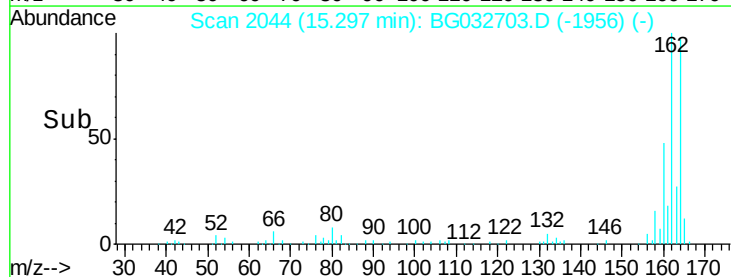
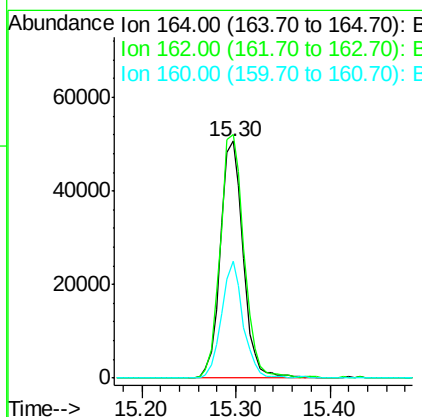
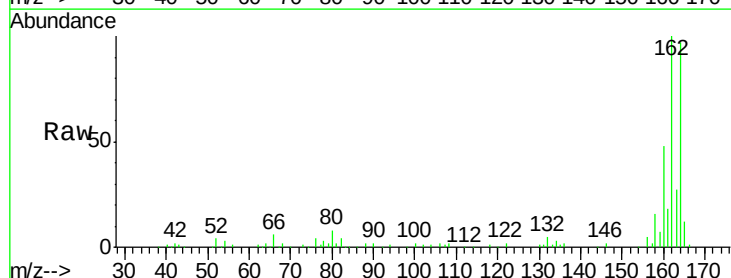
Instrument :
 BNA_G
 ClientSampled :

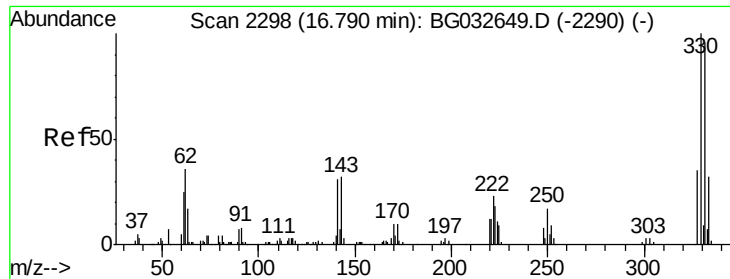
Tot Ion: 82 Resp: 151901
 Ion Ratio Lower Upper
 82 100
 128 47.9 29.7 44.5#
 54 49.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Tgt Ion:164 Resp: 86073
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 49.3 35.4 53.0

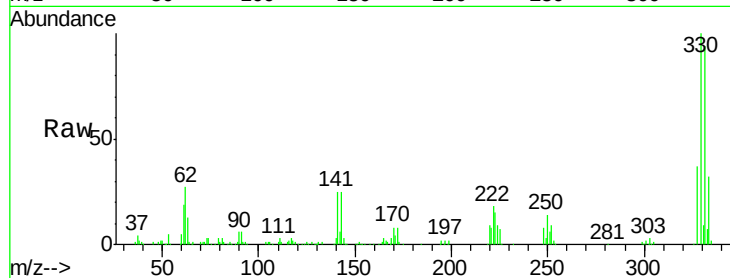




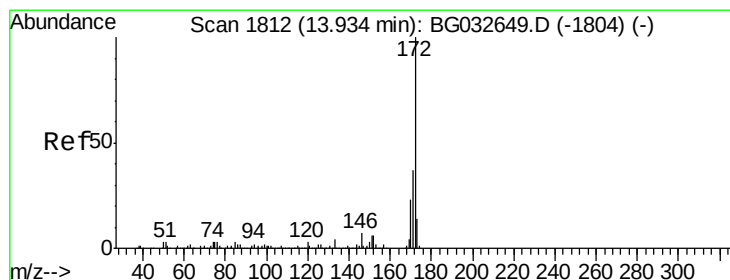
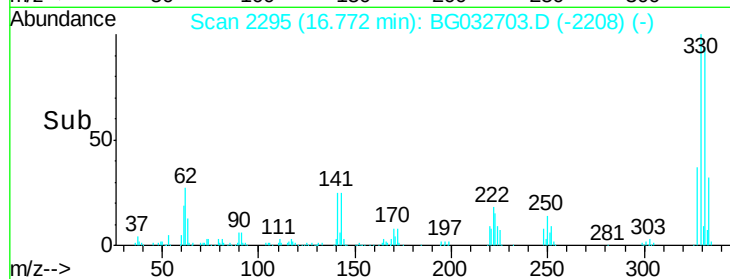
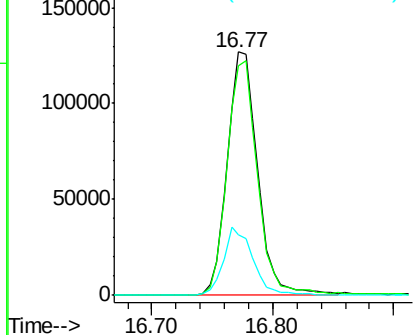
#41
 2,4,6-Tribromophenol
 Concen: 167.94 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 222573
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.0 25.2 37.8

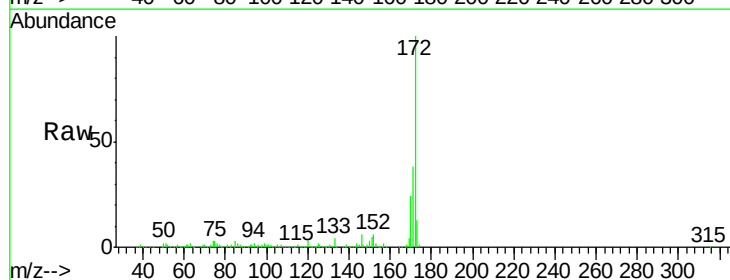


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

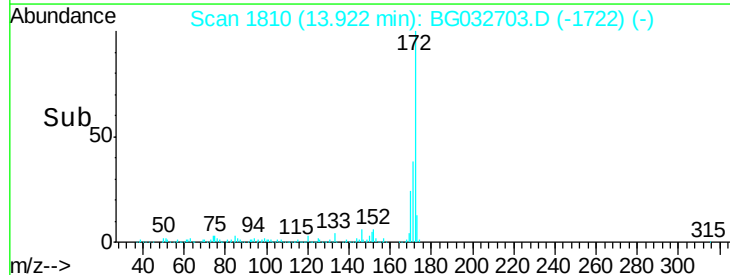
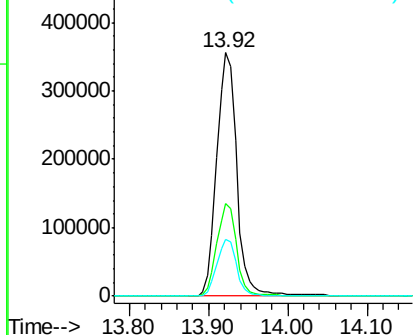


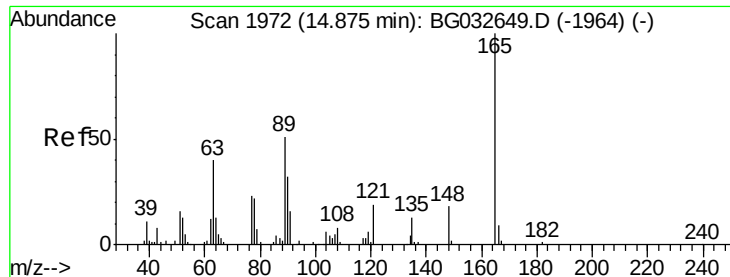
#44
 2-Fluorobiphenyl
 Concen: 90.99 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Tgt Ion:172 Resp: 626254
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.5 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

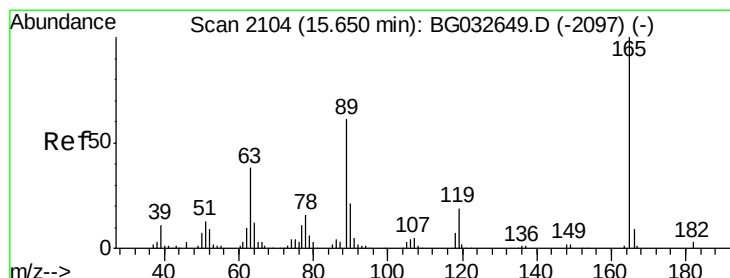
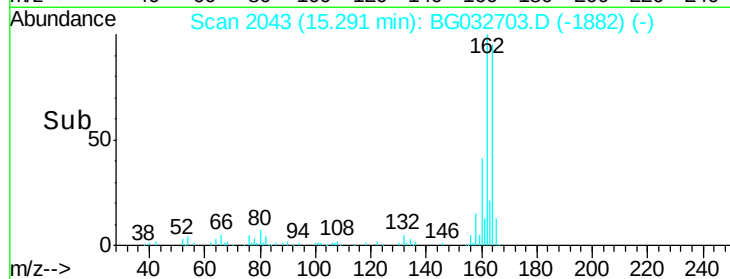
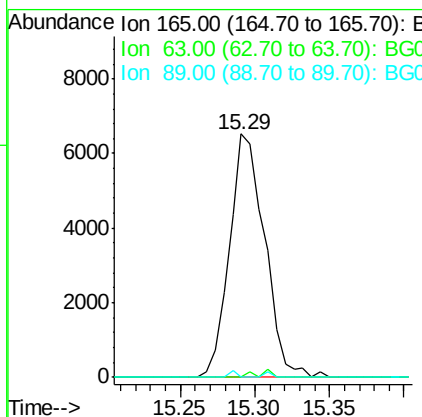
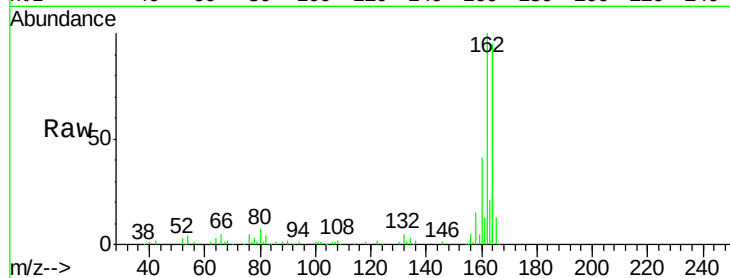




#50
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. 0.42 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

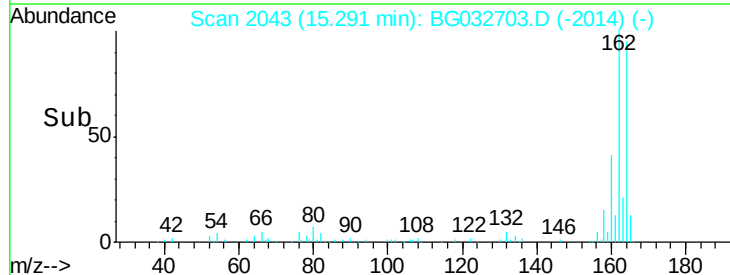
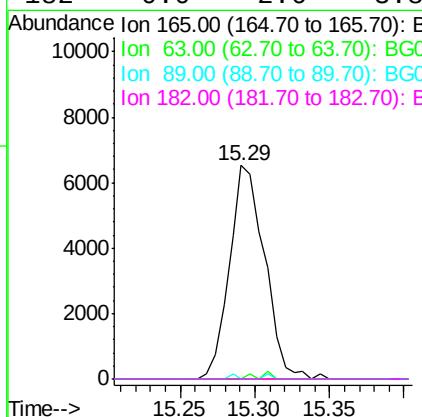
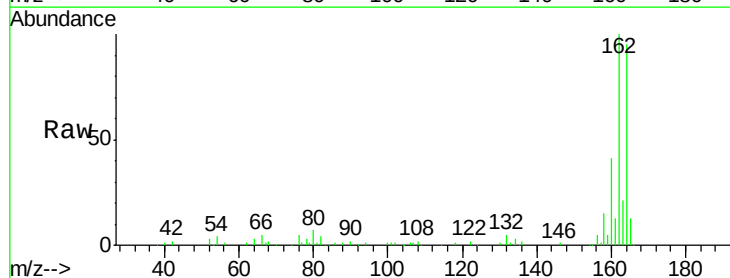
Instrument :
 BNA_G
 ClientSampleId :

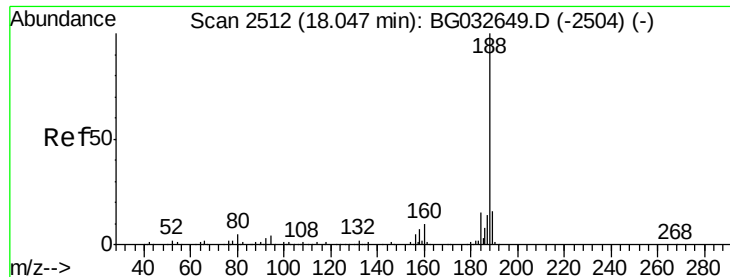
Tot Ion:165 Resp: 10764
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.10 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.36 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Tgt Ion:165 Resp: 10764
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

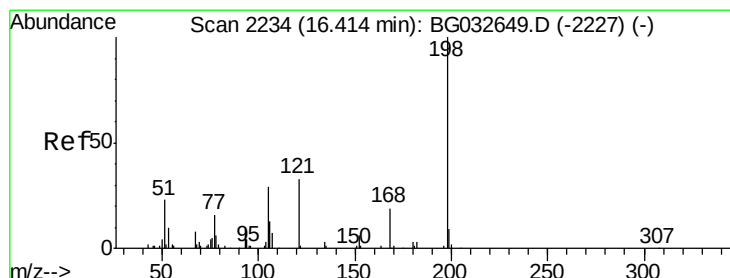
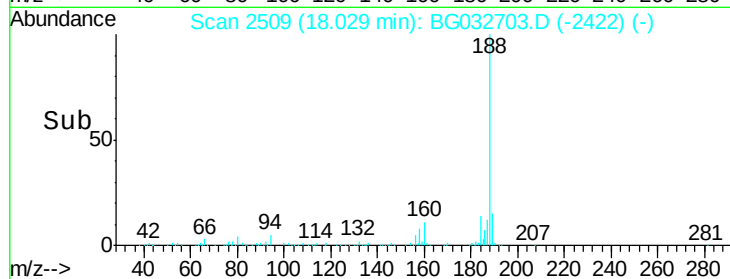
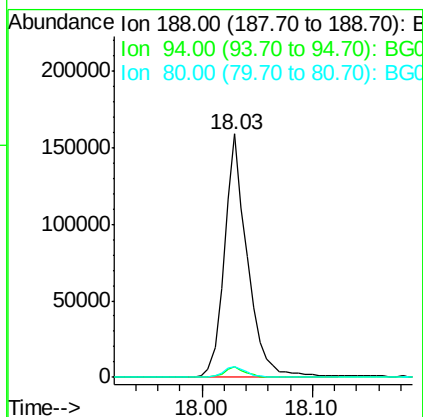
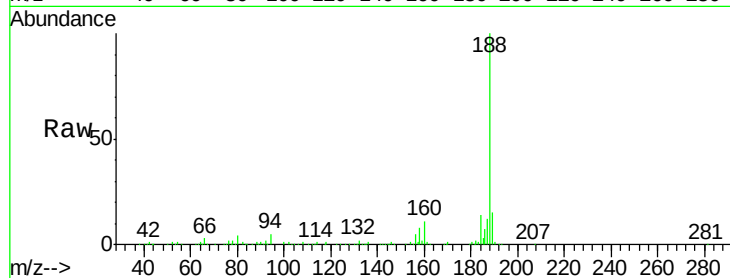




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.03 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

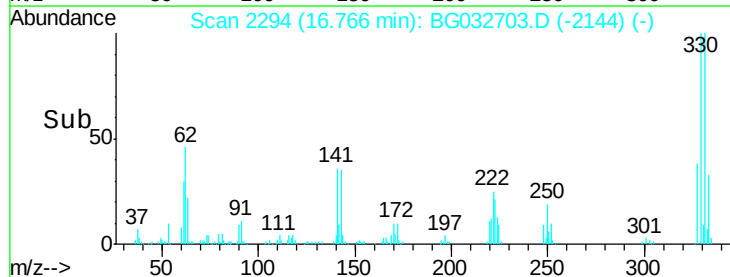
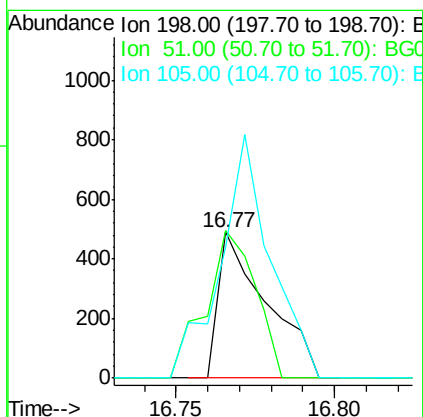
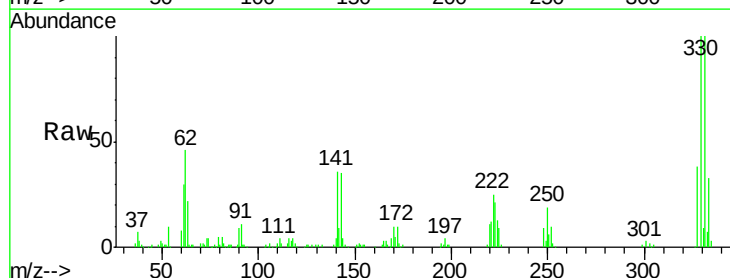
Instrument :
 BNA_G
 ClientSampleId :

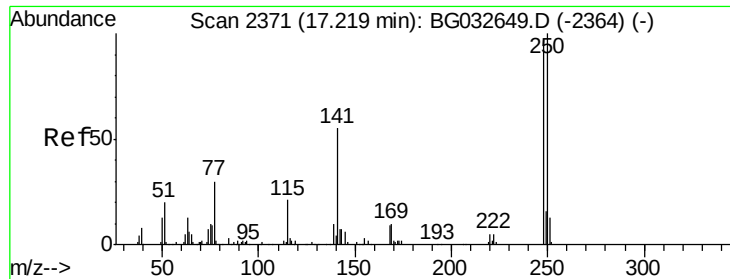
Tot Ion:188 Resp: 232380
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 4.3 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.30 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. 0.35 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Tgt Ion:198 Resp: 514
 Ion Ratio Lower Upper
 198 100
 51 100.8 30.6 70.6#
 105 89.8 23.8 63.8#

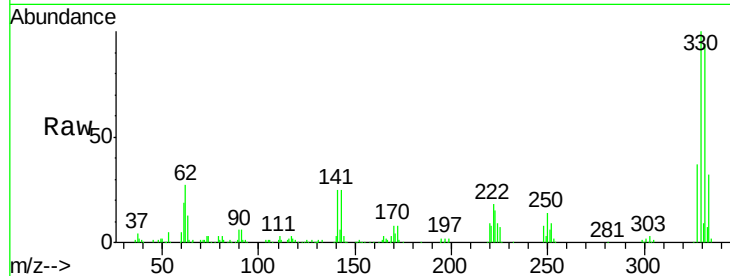




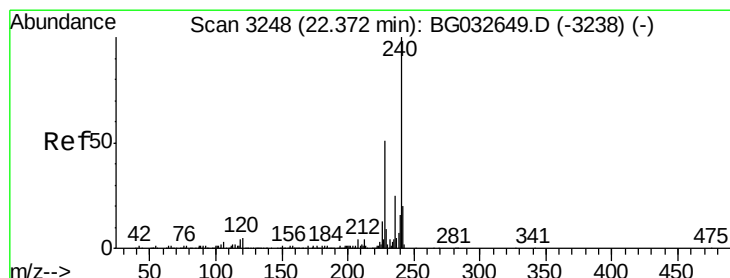
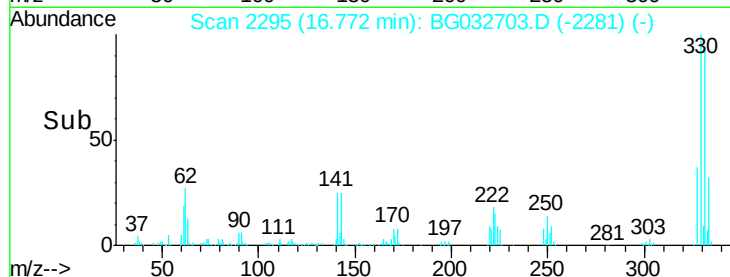
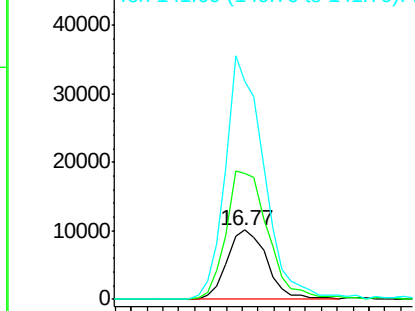
#66
4-Bromophenyl-phenylether
Concen: 5.30 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.45 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17630
Ion Ratio Lower Upper
248 100
250 181.4 77.1 115.7#
141 314.3 50.8 76.2#

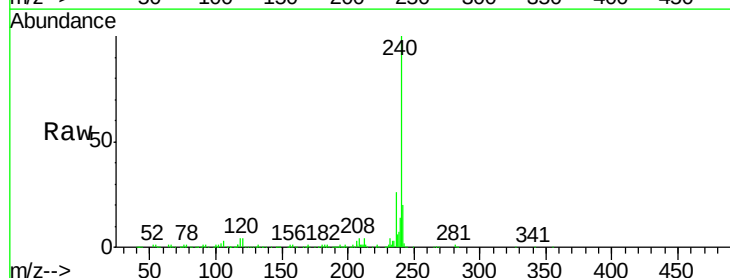


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

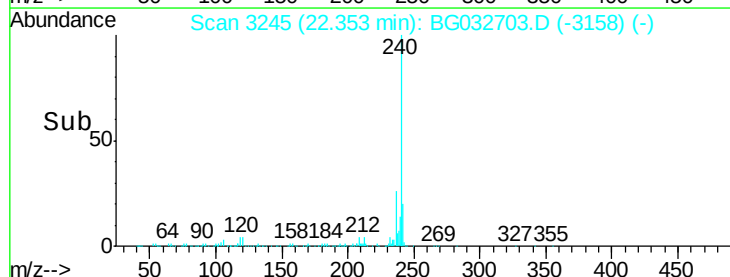
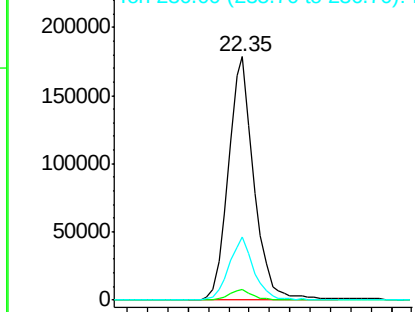


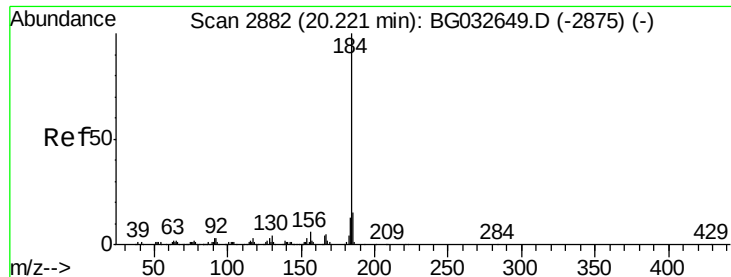
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.35 min Scan# 3245
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Tgt Ion:240 Resp: 310863
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 26.0 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





#76

Benzidine

Concen: 2.78 ng

RT: 20.58 min Scan# 2943

Delta R.T. 0.36 min

Lab File: BG032703.D

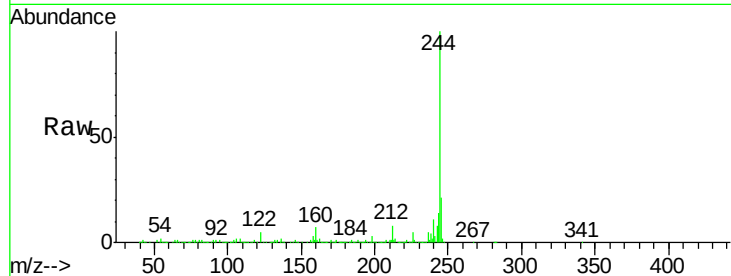
Acq: 15 Feb 2018 6:31

Instrument :

BNA_G

ClientSampleId :

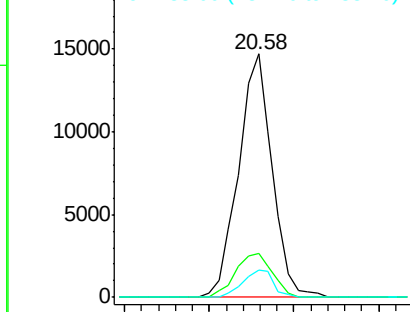
Tot Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	11.3	10.6	16.0



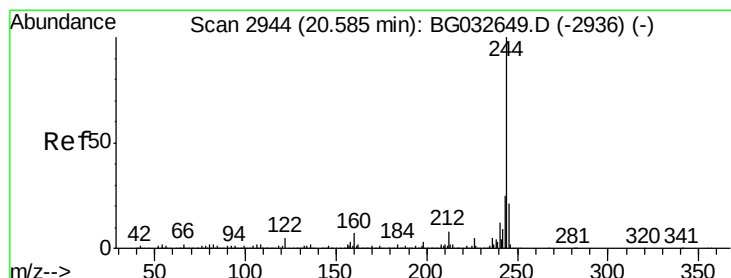
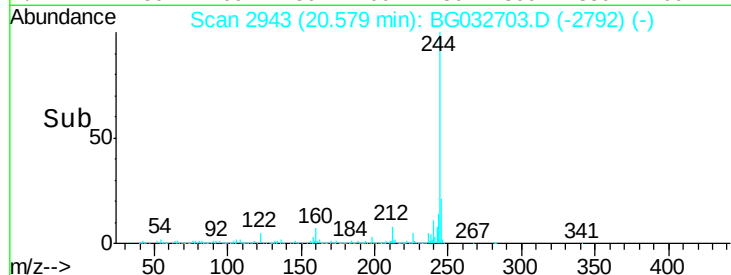
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 20.50 20.55 20.60 20.65



#78

Terphenyl-d14

Concen: 106.49 ng

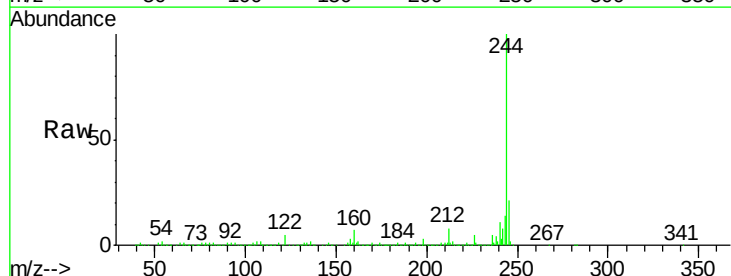
RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

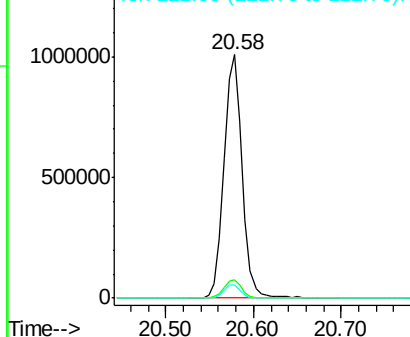
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.3	7.0	10.4#



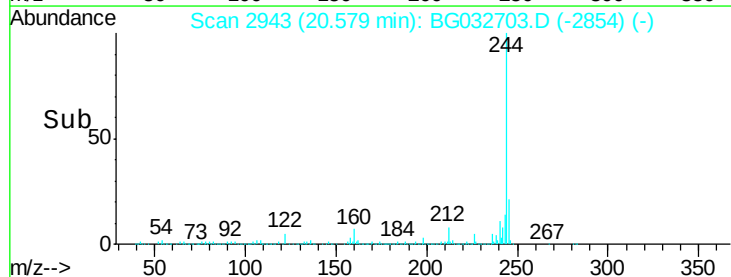
Abundance Ion 244.00 (243.70 to 244.70): E

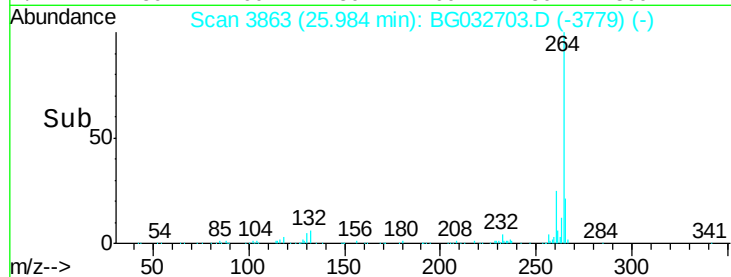
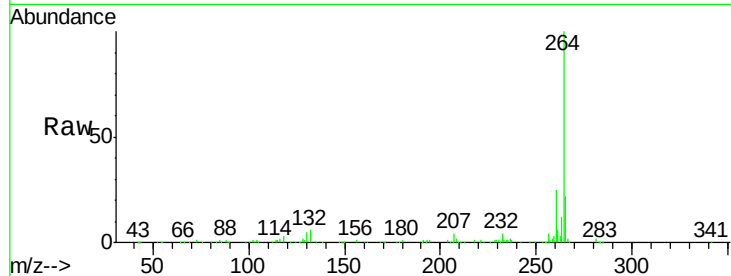
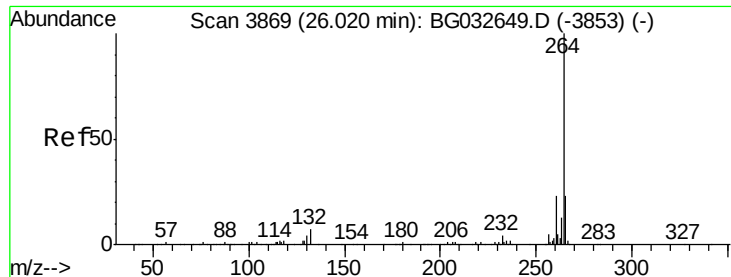
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.50 20.60 20.70





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3863
Delta R.T. -0.04 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	286061
Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.5	17.7	26.5

