

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032838.D
 Acq On : 27 Feb 2018 1:56
 Operator : SJ/JU
 Sample : J1691-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 03:39:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

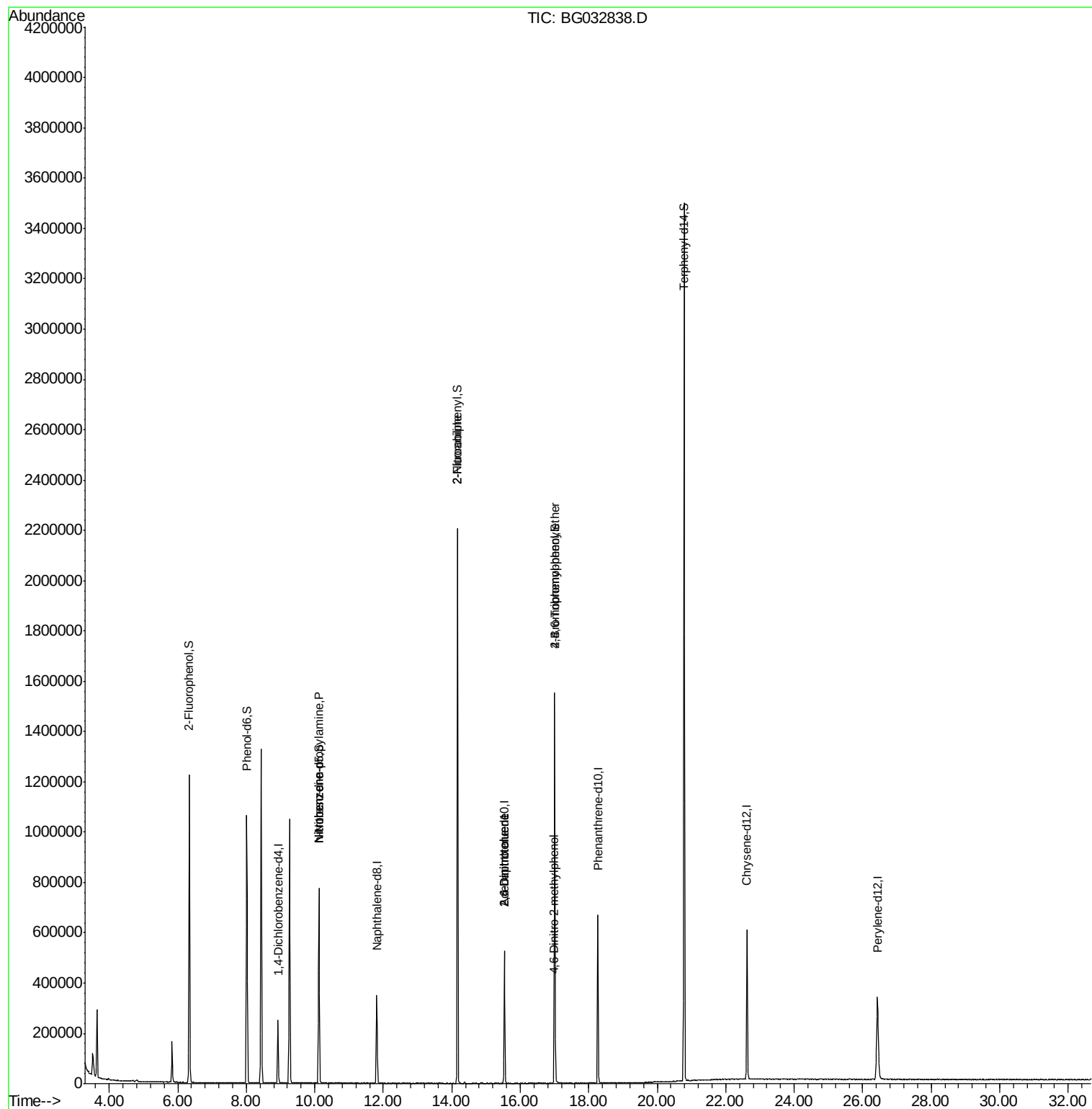
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	77639	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	328817	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179894	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	413636	20.00	ng	0.00
75) Chrysene-d12	22.62	240	395462	20.00	ng	-0.01
86) Perylene-d12	26.43	264	406132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	591997	121.99	ng	0.00
7) Phenol-d6	8.02	99	695268	102.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	501568	103.42	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	276285	146.06	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1123786	90.10	ng	0.00
78) Terphenyl-d14	20.78	244	1532019	87.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	65041	13.62	ng	# 81
24) Nitrobenzene	10.12	77	1450	6.62	ng	# 44
47) 2-Nitroaniline	14.17	65	1996	10.37	ng	# 18
50) 2,6-Dinitrotoluene	15.54	165	23485	16.47	ng	# 21
56) 2,4-Dinitrotoluene	15.54	165	23485	14.66	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.98	198	72	5.02	ng	# 12
66) 4-Bromophenyl-phenylether	17.01	248	19978	4.57	ng	# 1

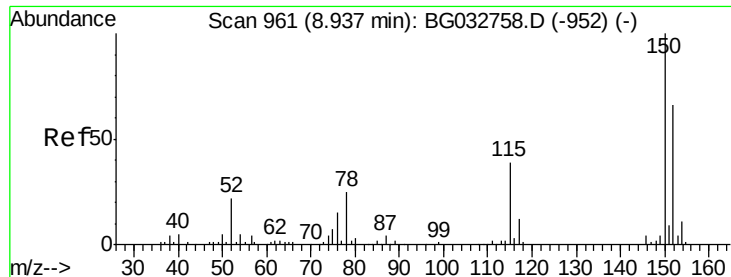
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 27 03:39:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



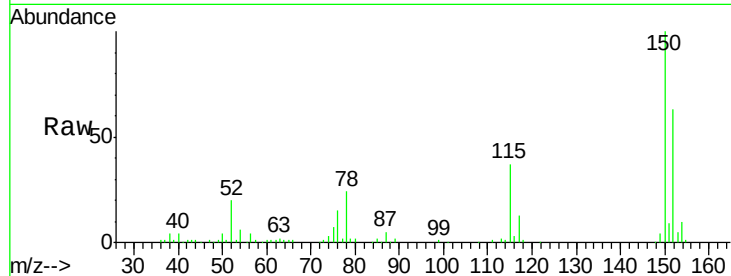


#1

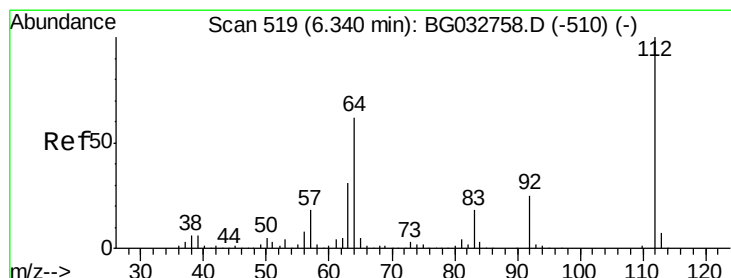
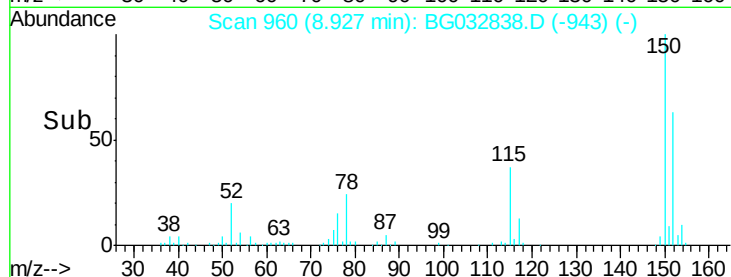
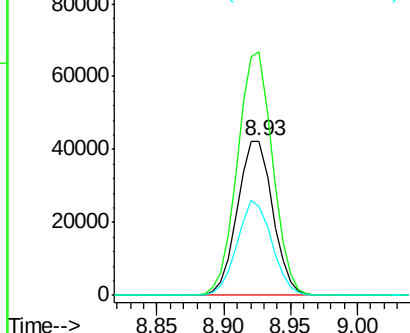
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 77639
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 58.0 53.0 79.4



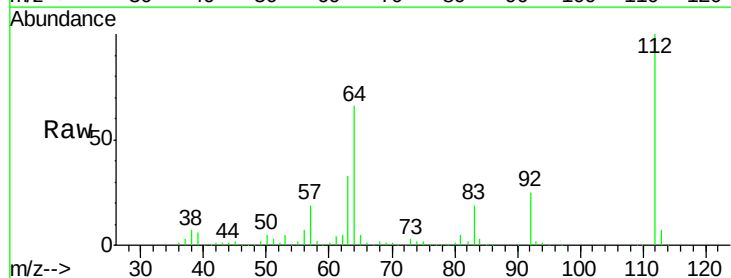
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



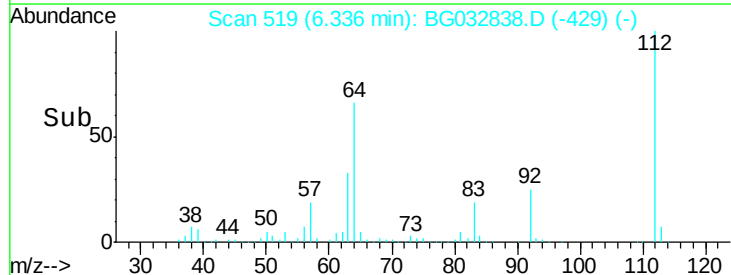
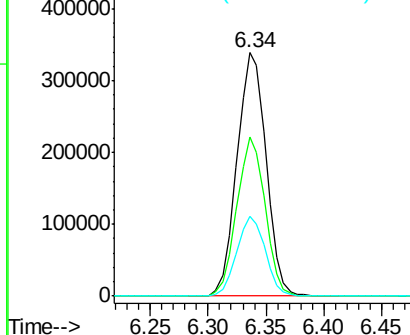
#5

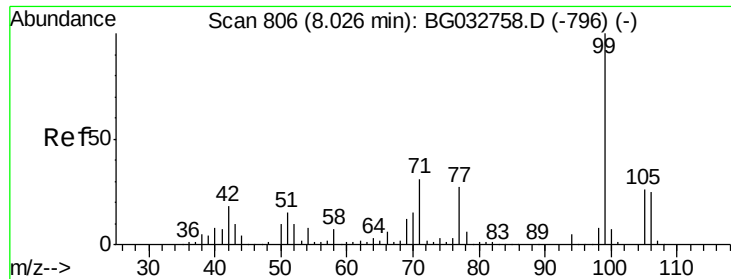
2-Fluorophenol
Concen: 121.99 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion:112 Resp: 591997
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 32.9 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: 102.79 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Instrument :

BNA_G

ClientSampled :

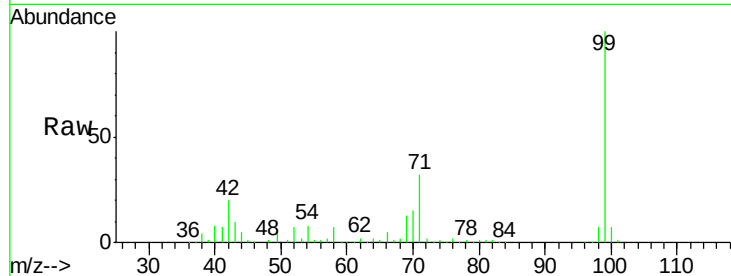
Tot Ion: 99 Resp: 695268

Ion Ratio Lower Upper

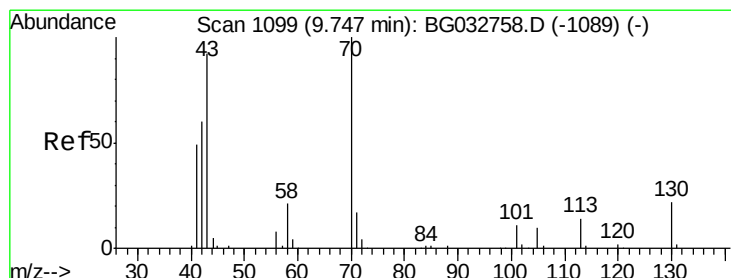
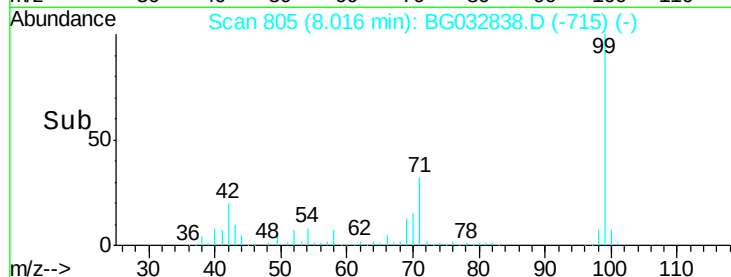
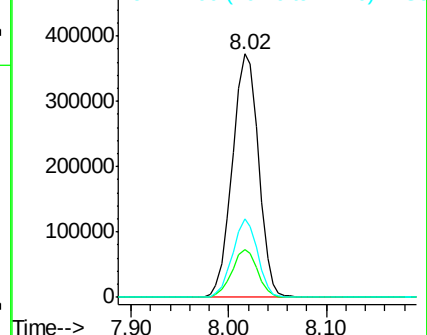
99 100

42 19.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.62 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Tgt Ion: 70 Resp: 65041

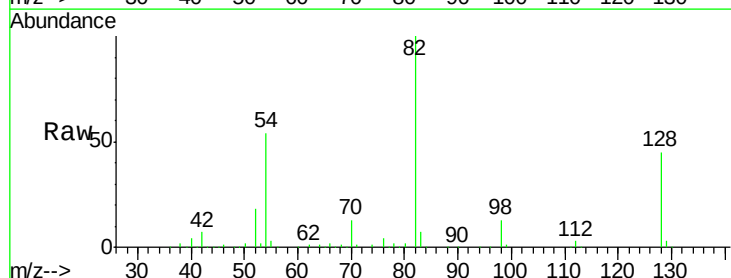
Ion Ratio Lower Upper

70 100

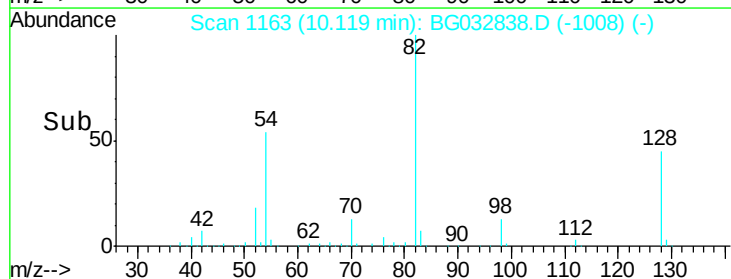
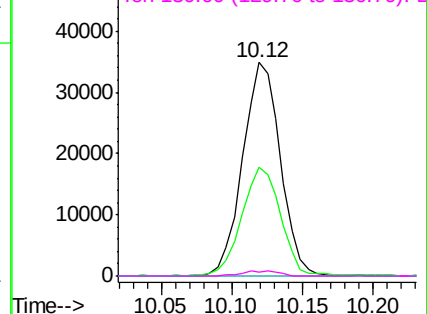
42 50.8 49.1 73.7

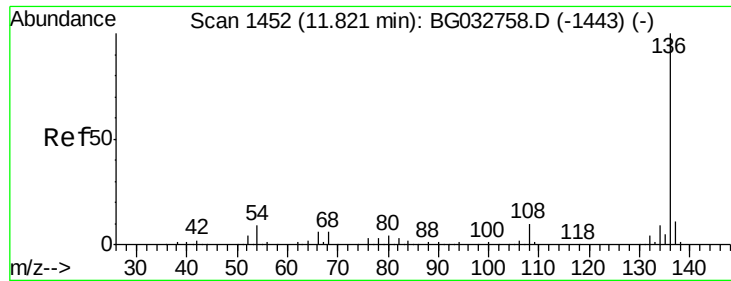
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

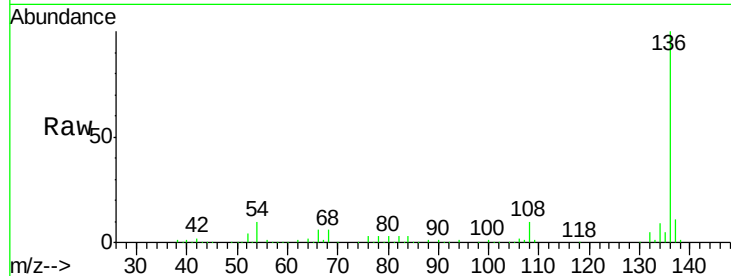




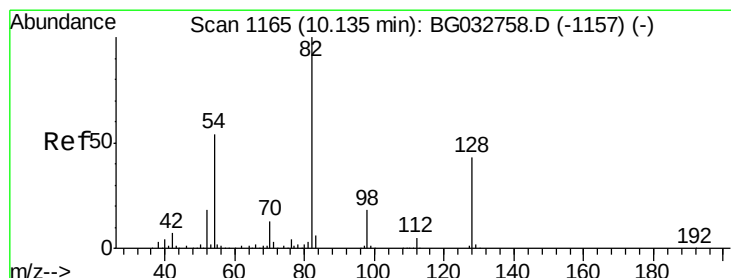
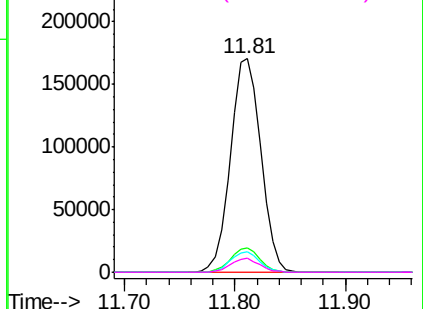
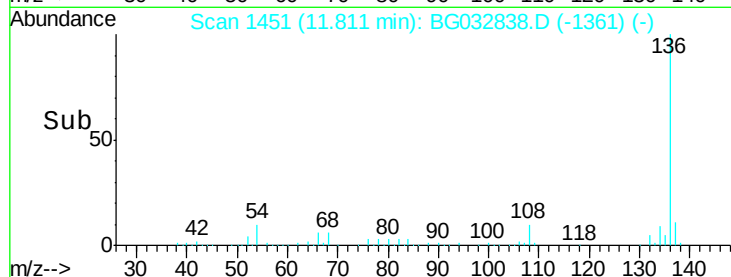
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	328817
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	9.8	10.3 15.5#
68	6.4	4.5 6.7

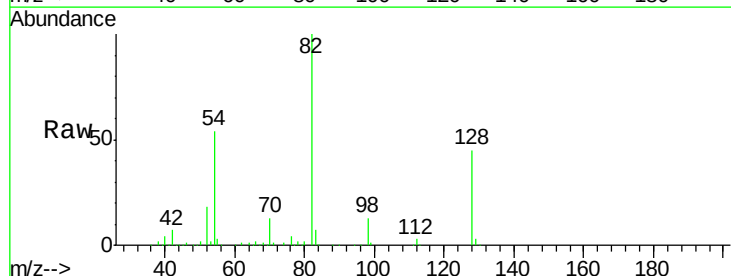


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

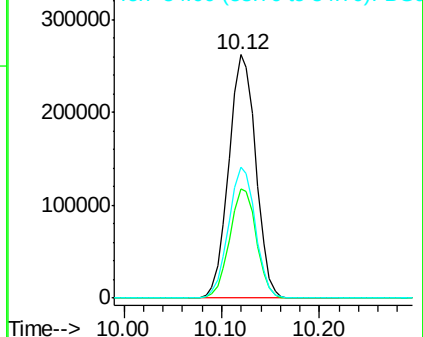
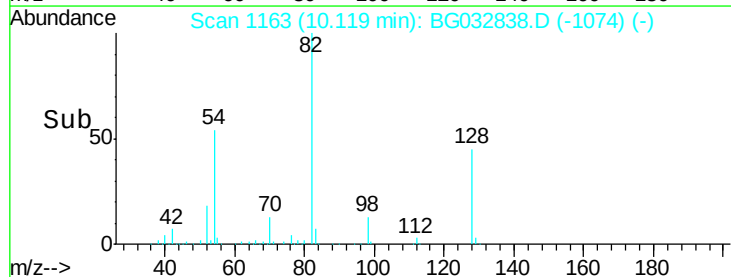


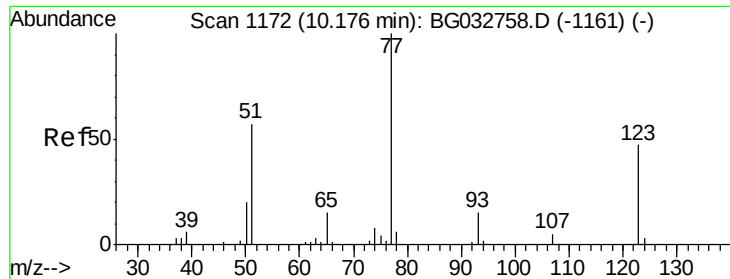
#23
Nitrobenzene-d5
Concen: 103.42 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion: 82	Resp:	501568
Ion Ratio	Lower	Upper
82	100	
128	44.8	29.7 44.5#
54	53.9	43.1 64.7



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





#24

Nitrobenzene

Concen: 6.62 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Instrument :

BNA_G

ClientSampled :

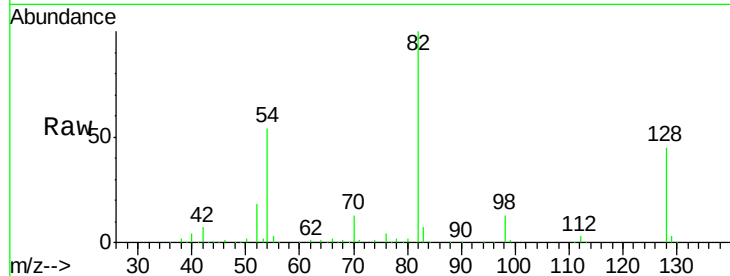
Tot Ion: 77 Resp: 1450

Ion Ratio Lower Upper

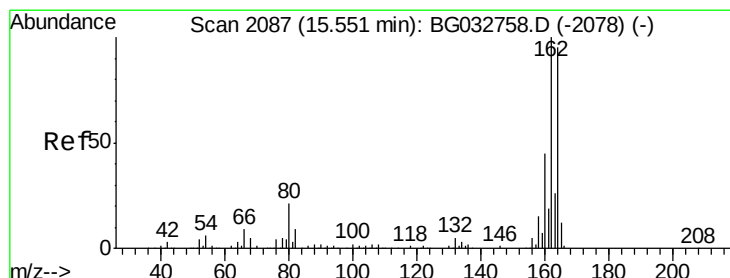
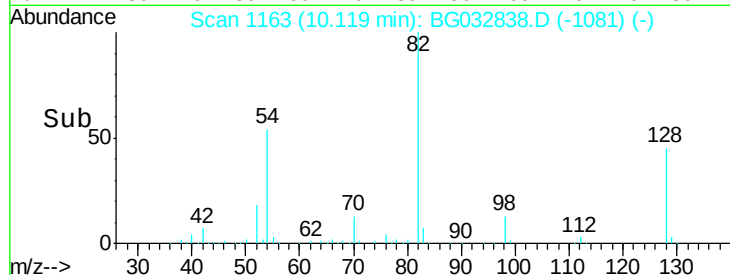
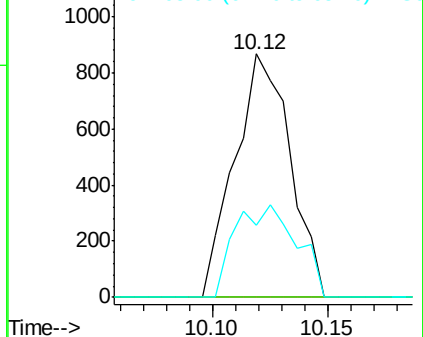
77 100

123 0.0 33.0 49.6#

65 29.5 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

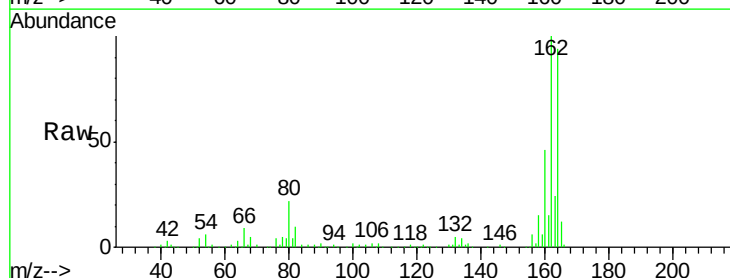
Tgt Ion:164 Resp: 179894

Ion Ratio Lower Upper

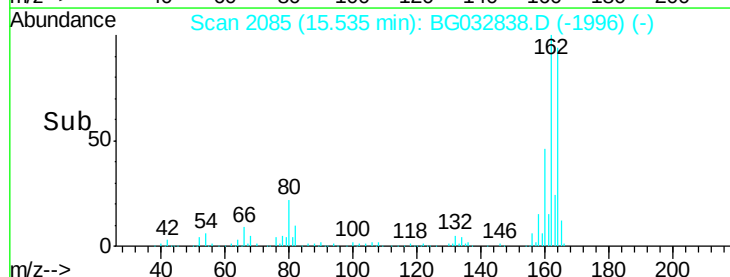
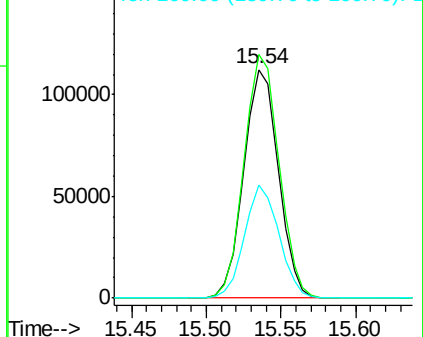
164 100

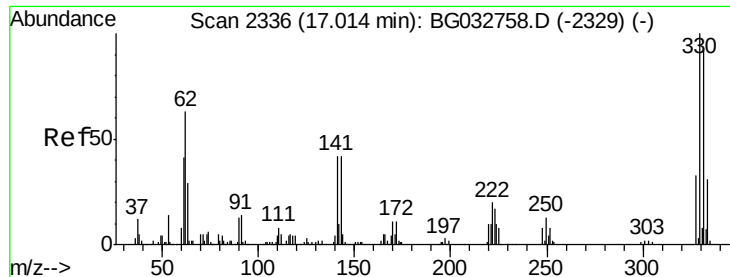
162 106.5 78.8 118.2

160 49.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

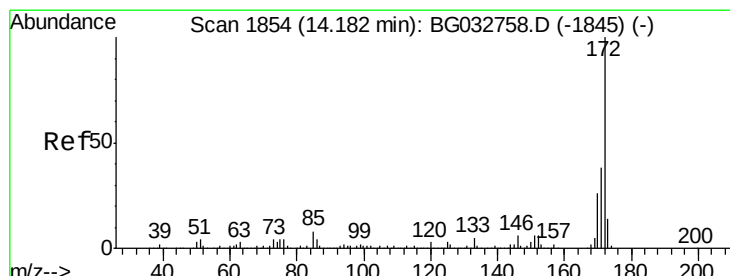
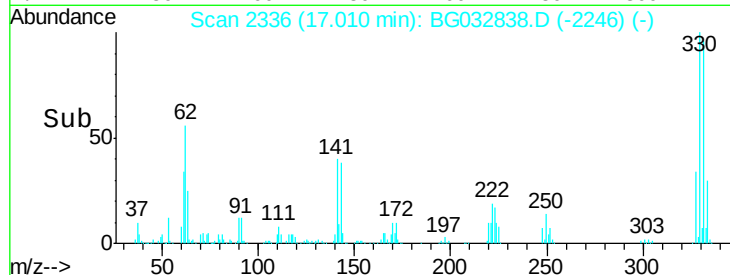
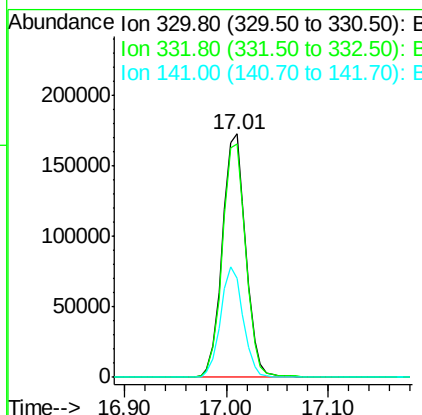
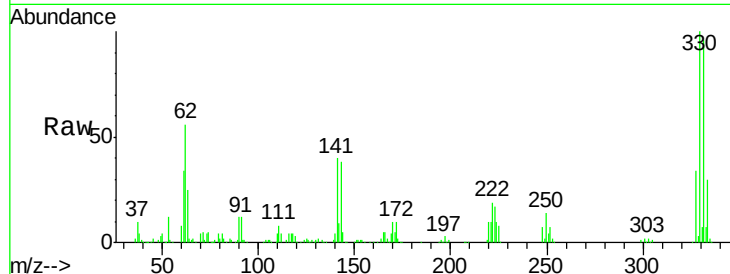




#41
 2,4,6-Tribromophenol
 Concen: 146.06 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

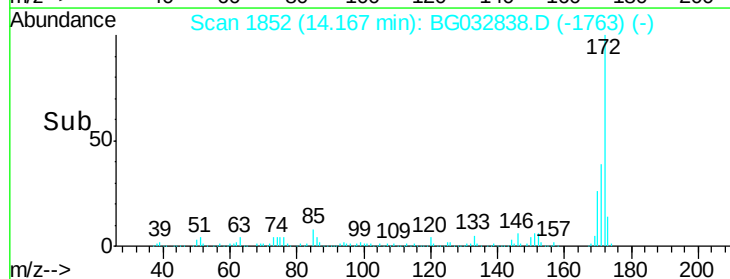
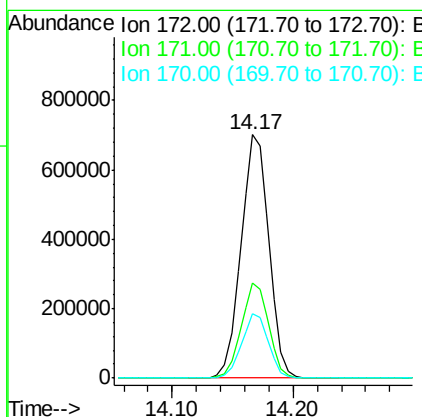
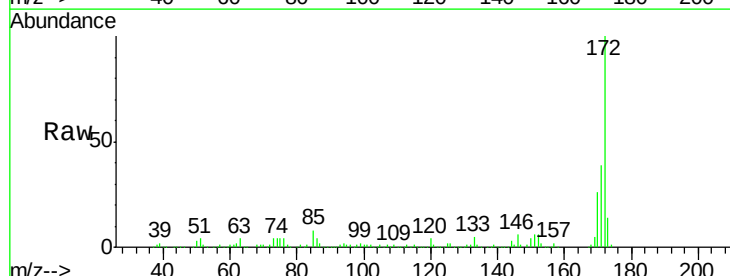
Instrument :
 BNA_G
 ClientSampled :

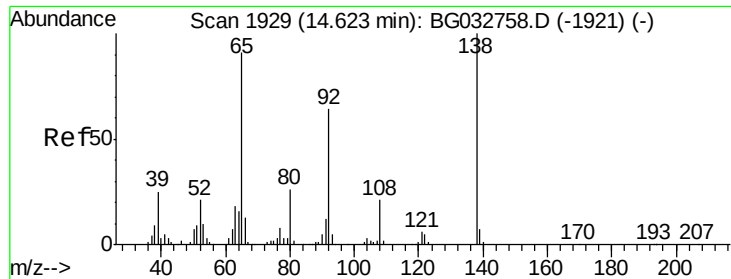
Tot Ion:330 Resp: 276285
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 44.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

Tgt Ion:172 Resp: 1123786
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 26.3 19.5 29.3

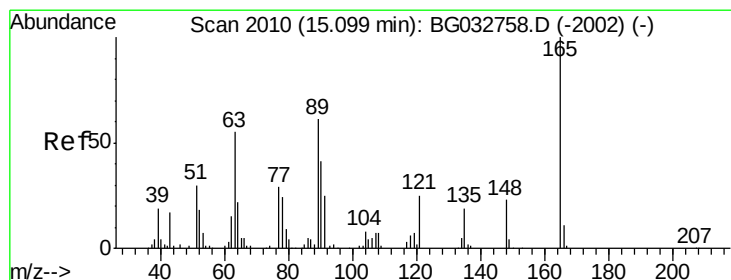
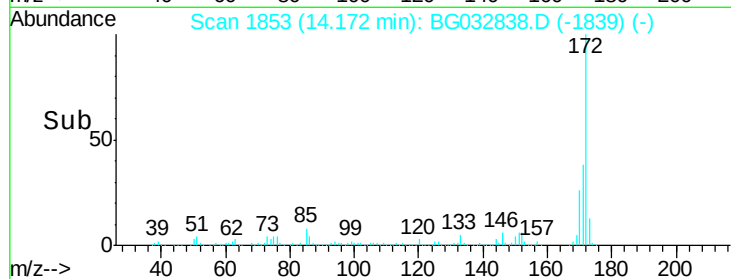
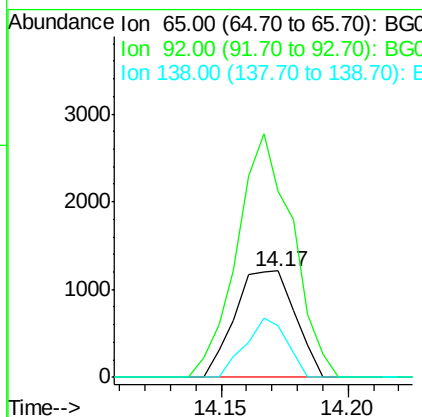
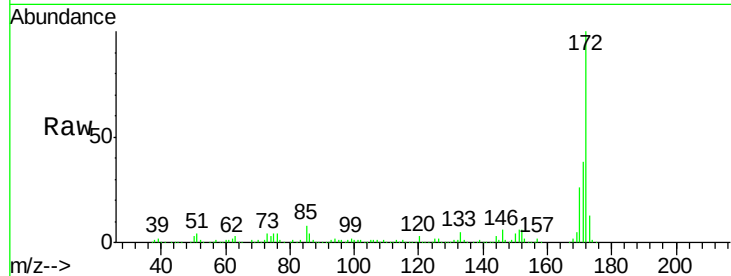




#47
2-Nitroaniline
Concen: 10.37 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

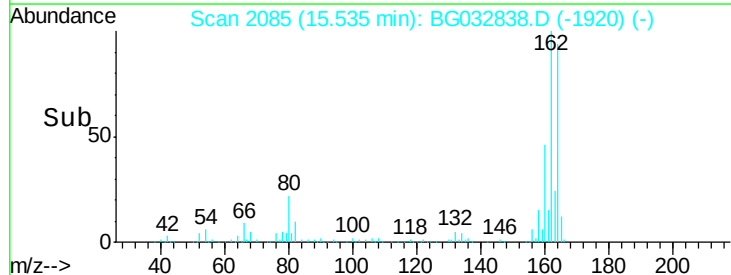
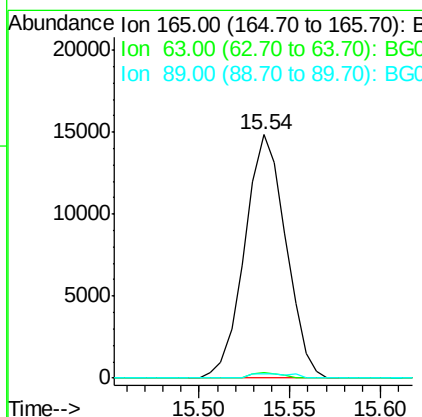
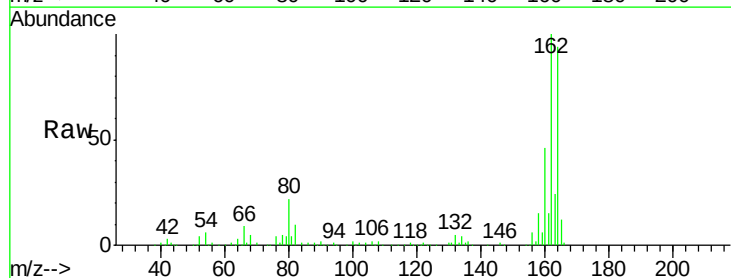
Instrument :
BNA_G
ClientSampleId :

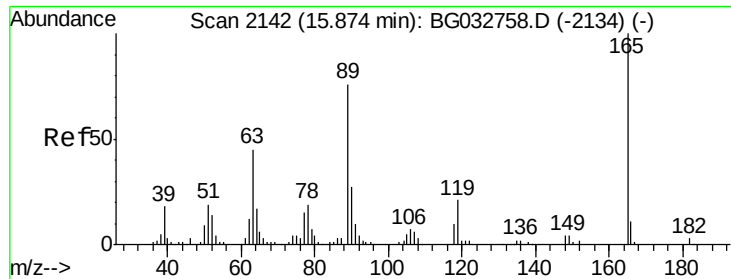
Tot Ion: 65 Resp: 1996
Ion Ratio Lower Upper
65 100
92 174.8 54.6 82.0#
138 48.2 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.47 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion:165 Resp: 23485
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 1.5 49.2 73.8#

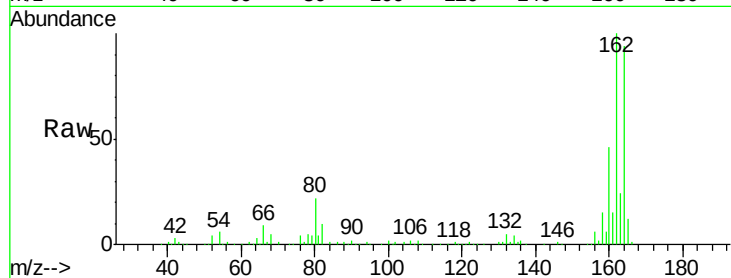




#56
 2,4-Dinitrotoluene
 Concen: 14.66 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	23485
Ion Ratio	Lower	Upper
165	100	
63	2.1	42.0 63.0#
89	1.5	66.9 100.3#
182	0.0	2.6 3.8#

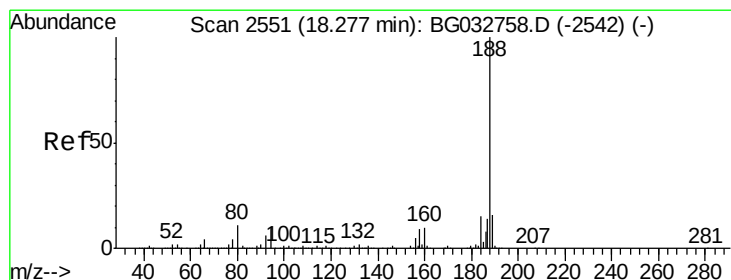
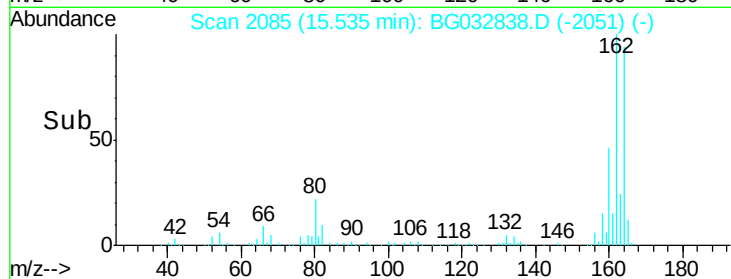
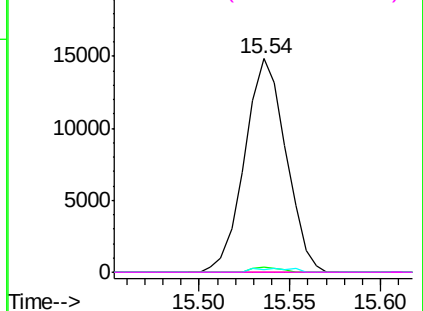


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

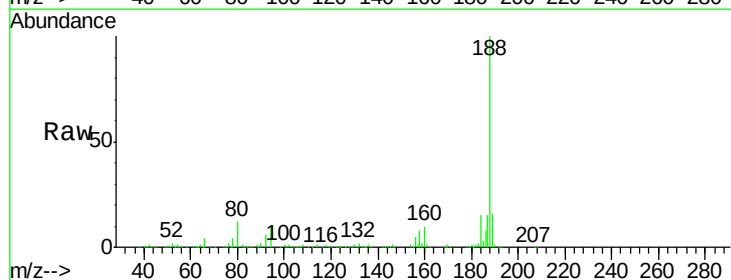
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

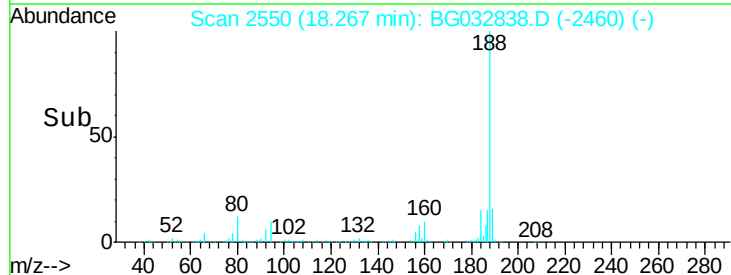
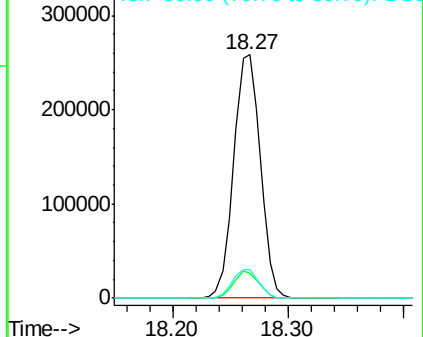
Tgt Ion:188	Resp:	413636
Ion Ratio	Lower	Upper
188	100	
94	10.4	6.9 10.3#
80	11.5	7.7 11.5#

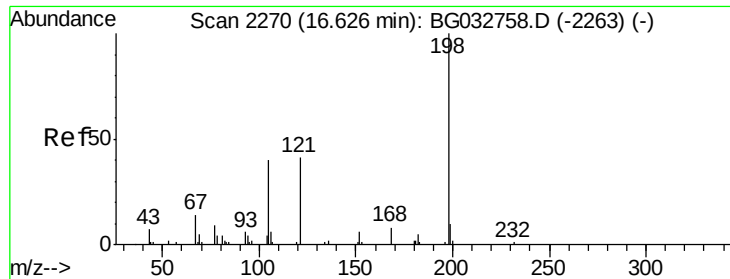


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

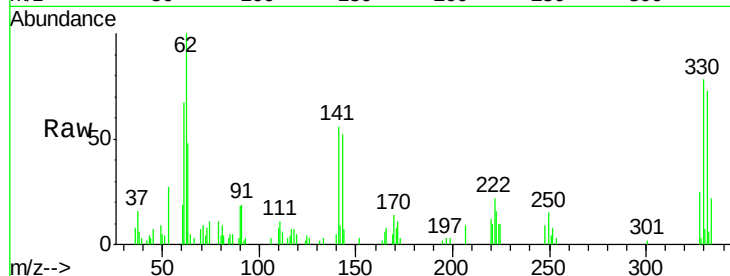




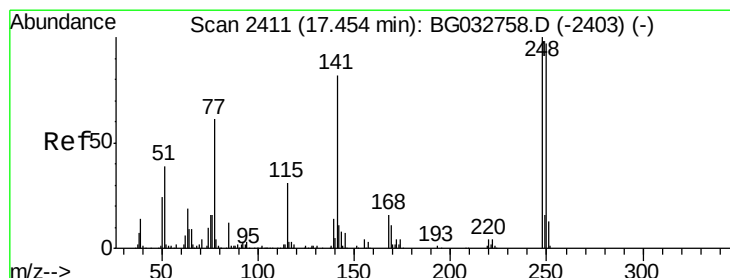
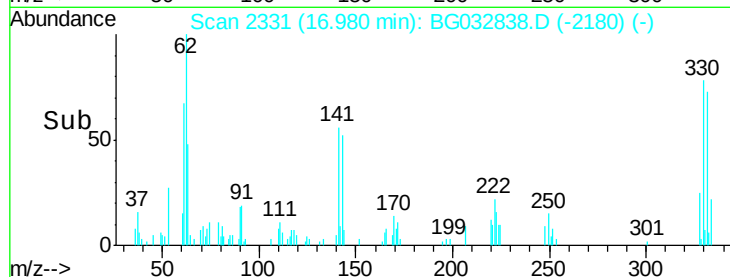
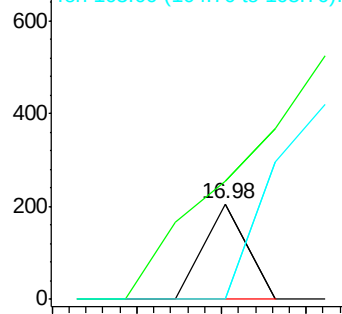
#64
4,6-Dinitro-2-methylphenol
Concen: 5.02 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.36 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 123.9 30.6 70.6#
105 0.0 23.8 63.8#

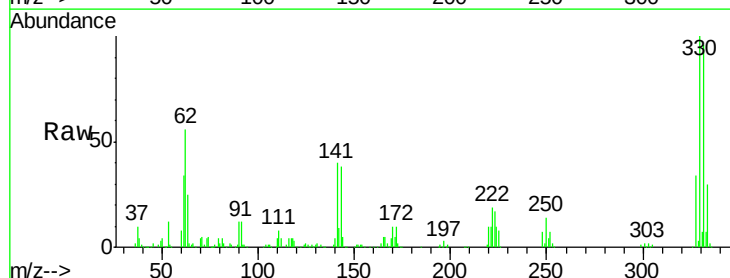


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

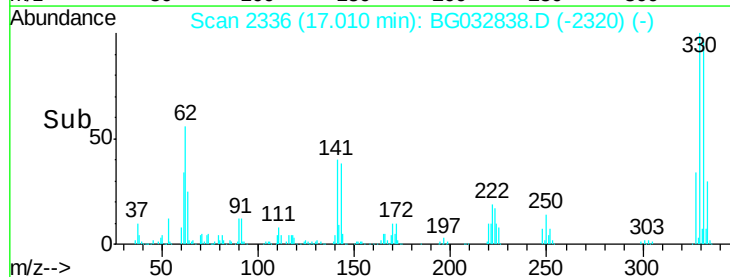
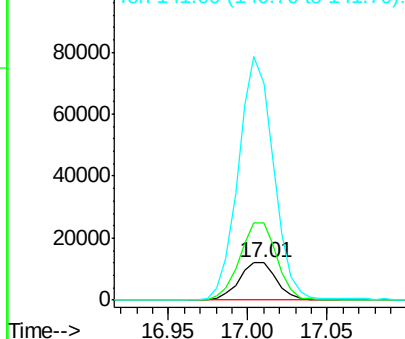


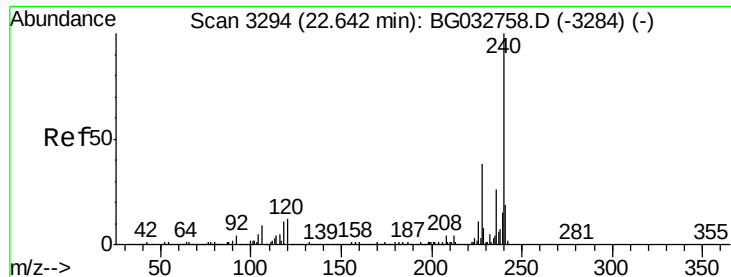
#66
4-Bromophenyl-phenylether
Concen: 4.57 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.43 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion:248 Resp: 19978
Ion Ratio Lower Upper
248 100
250 207.0 77.1 115.7#
141 577.3 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

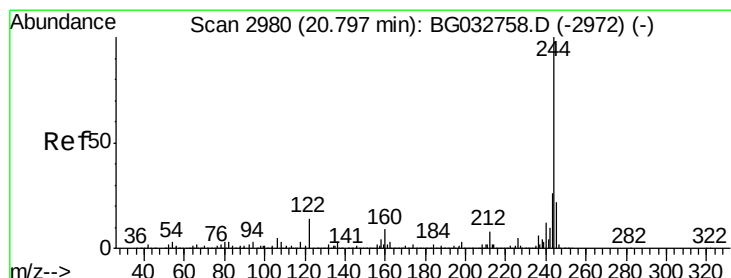
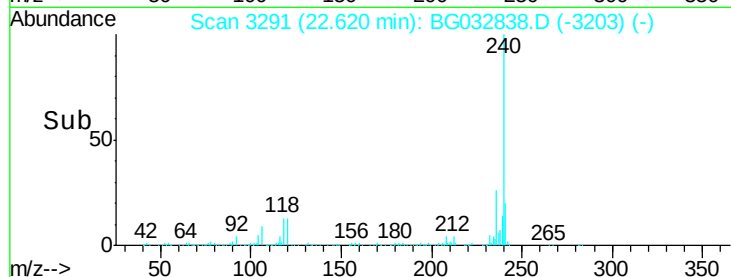
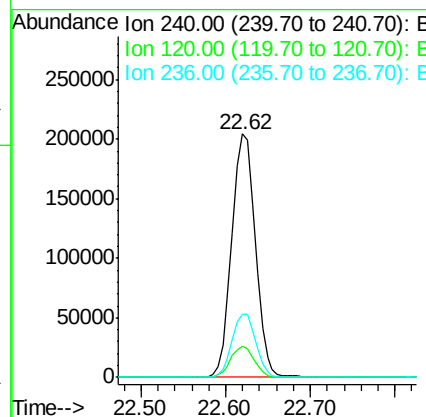
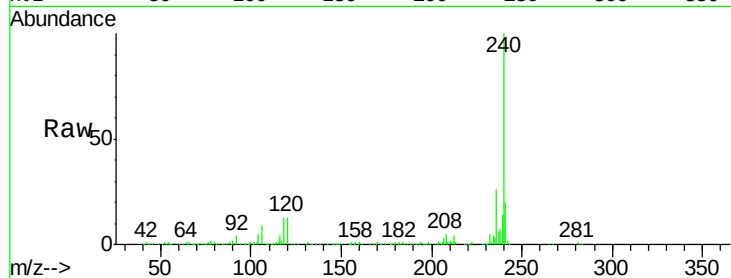




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

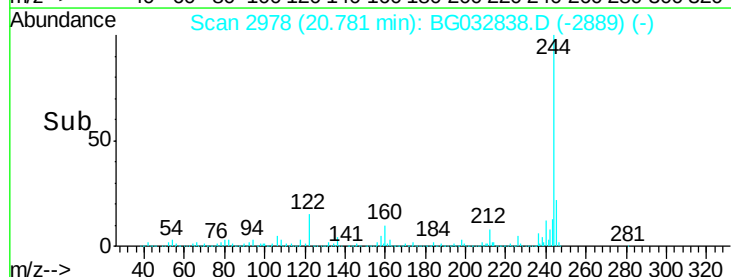
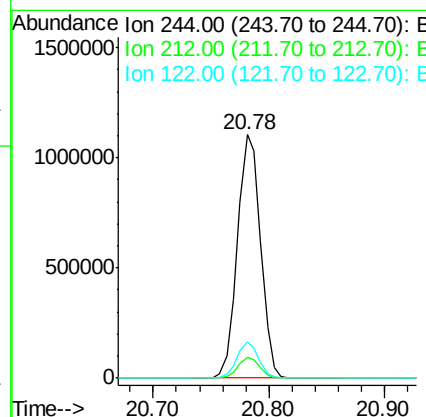
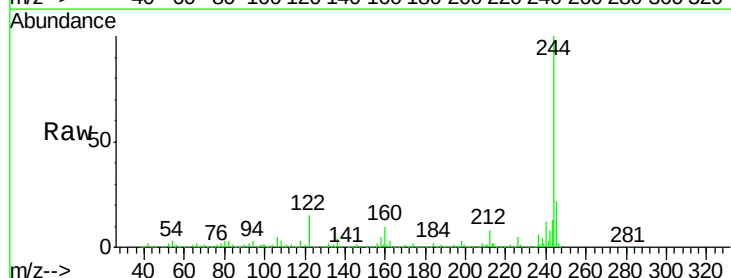
Instrument :
 BNA_G
 ClientSampleId :

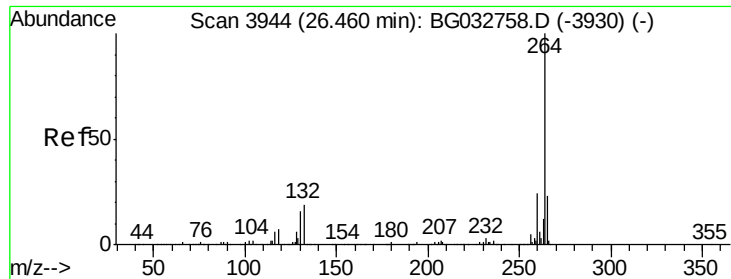
Tot Ion:240 Resp: 395462
 Ion Ratio Lower Upper
 240 100
 120 12.8 6.8 10.2#
 236 26.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 87.04 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

Tgt Ion:244 Resp: 1532019
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 15.1 7.0 10.4#

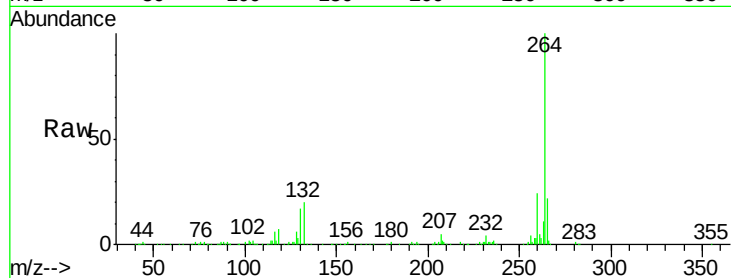




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. -0.01 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.7	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

