

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032824.D
 Acq On : 26 Feb 2018 16:31
 Operator : SJ/JU
 Sample : J1686-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 17:37:33 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 17:33:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	69366	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	309532	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	172349	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	399756	20.00	ng	0.00
75) Chrysene-d12	22.62	240	395520	20.00	ng	0.00
86) Perylene-d12	26.43	264	421351	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	427818	98.67	ng	0.00
7) Phenol-d6	8.02	99	672291	111.24	ng	0.00
23) Nitrobenzene-d5	10.12	82	394747	88.09	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	206635	114.02	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	908300	76.01	ng	0.00
78) Terphenyl-d14	20.78	244	1377433	78.24	ng	0.00

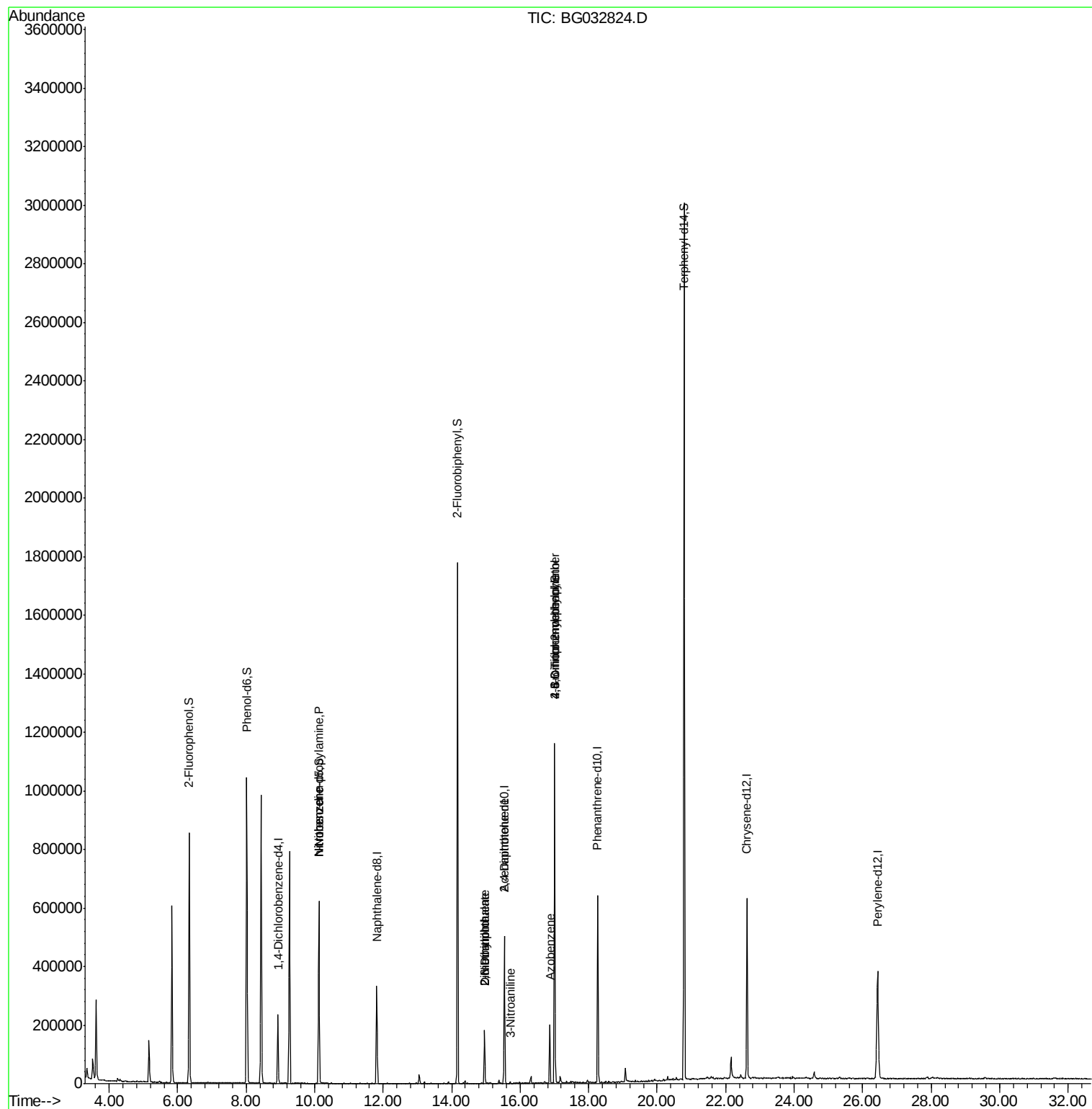
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	50366	11.805	ng	# 81
24) Nitrobenzene	10.12	77	1331	6.614	ng	# 43
47) 2-Nitroaniline	14.96	65	1312	10.203	ng	# 1
49) Dimethylphthalate	14.96	163	129611	8.857	ng	# 99
50) 2,6-Dinitrotoluene	14.96	165	1409	9.372	ng	# 34
52) 3-Nitroaniline	15.71	138	579	7.706	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	22801	14.765	ng	# 18
62) Azobenzene	16.86	77	57668	4.176	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.01	198	560	5.544	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	15088	3.569	ng	# 1

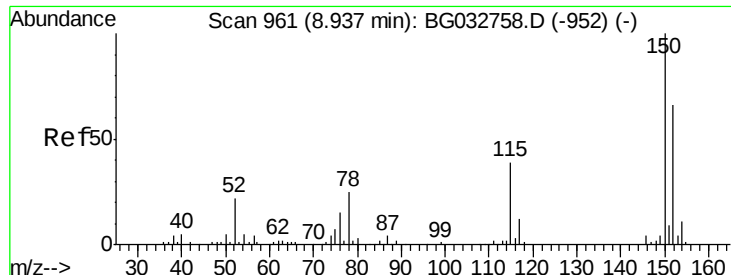
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022618\
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Misc :
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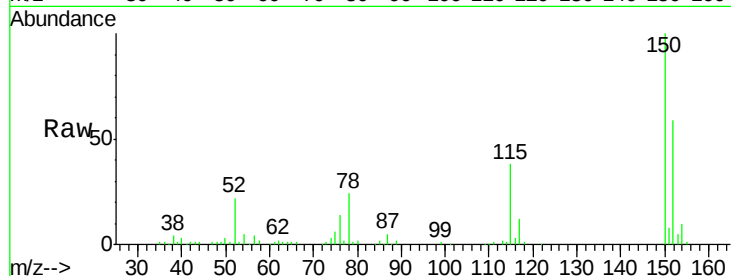


#1

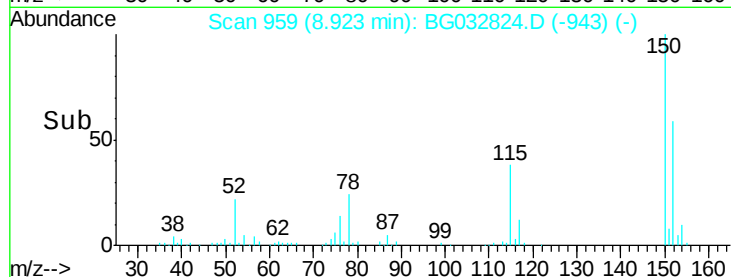
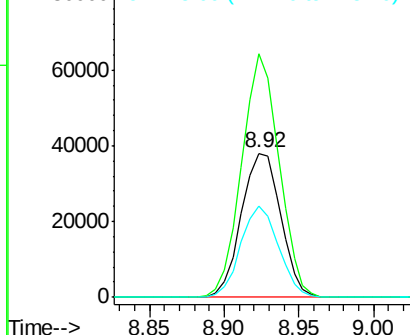
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032824.D
Acq: 26 Feb 2018 16:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69366
Ion Ratio Lower Upper
152 100
150 169.3 126.6 189.8
115 63.7 53.0 79.4



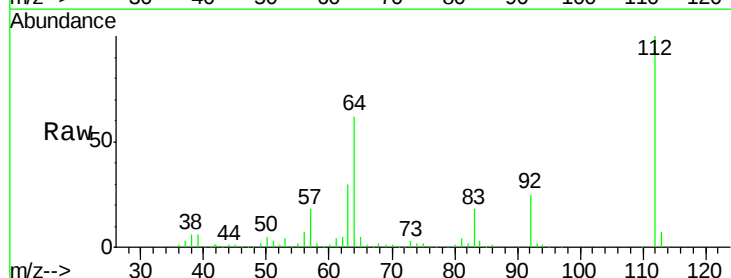
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



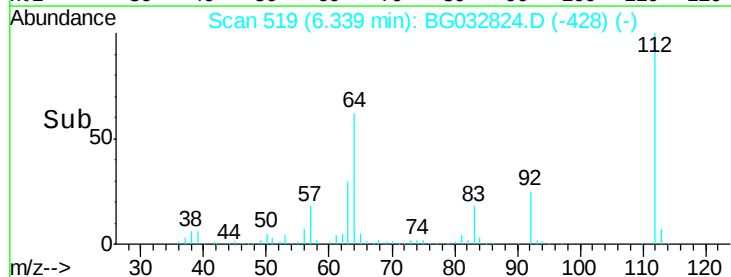
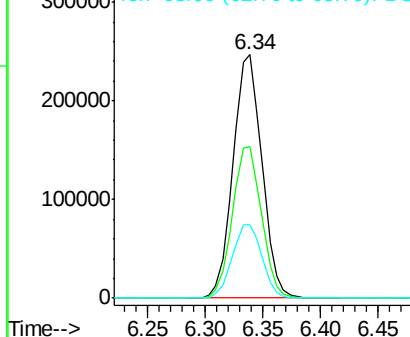
#5

2-Fluorophenol
Concen: 98.672 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032824.D
Acq: 26 Feb 2018 16:31

Tgt Ion:112 Resp: 427818
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 30.1 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: 111.243 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_G

ClientSampleId :

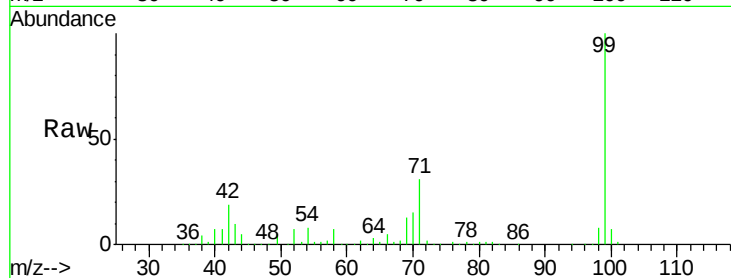
Tot Ion: 99 Resp: 672291

Ion Ratio Lower Upper

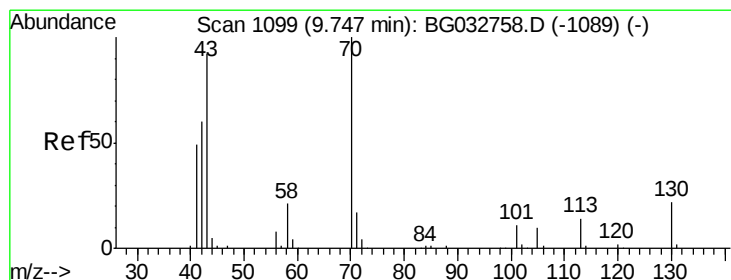
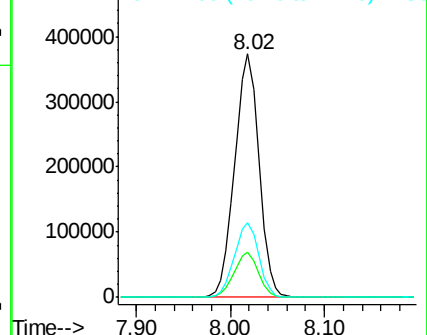
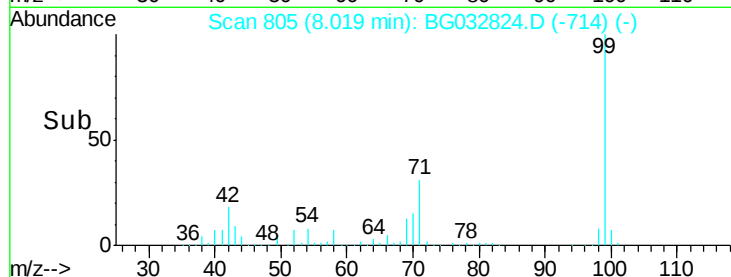
99 100

42 18.5 14.1 21.1

71 30.7 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: 11.805 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

Tgt Ion: 70 Resp: 50366

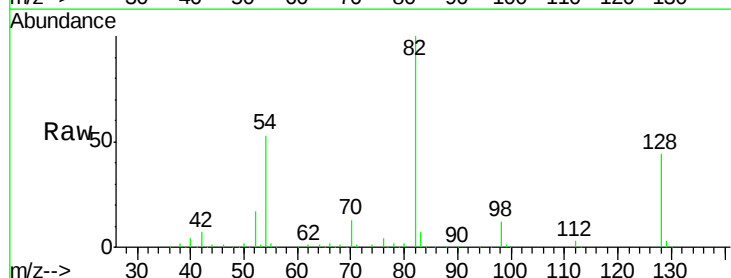
Ion Ratio Lower Upper

70 100

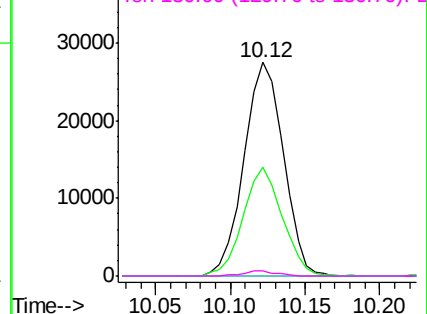
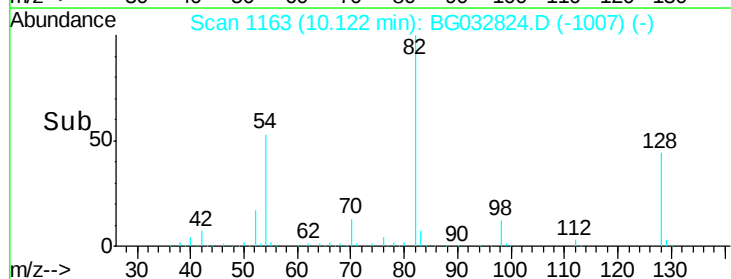
42 50.7 49.1 73.7

101 0.0 8.5 12.7#

130 2.7 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

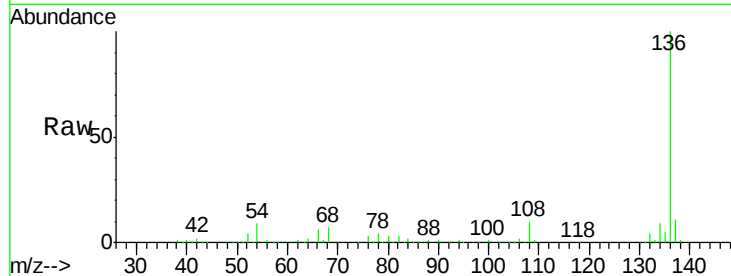




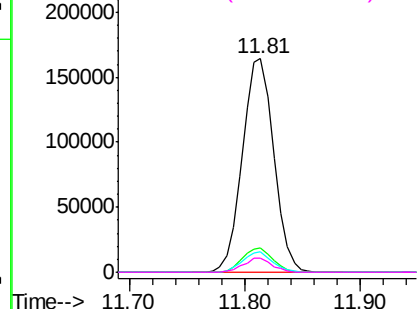
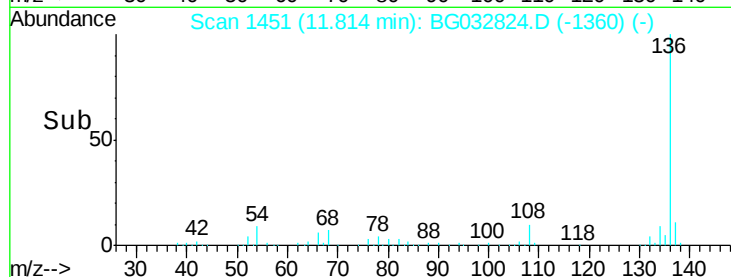
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032824.D
Acq: 26 Feb 2018 16:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.4	10.3	15.5
68	6.6	4.5	6.7

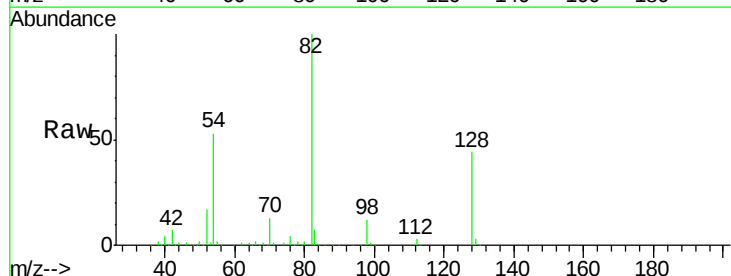


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

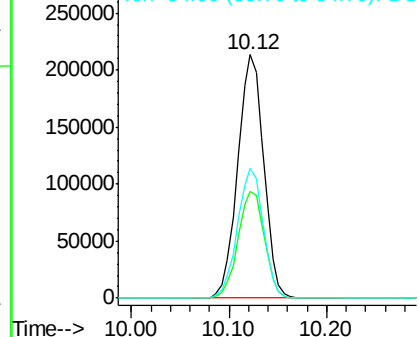
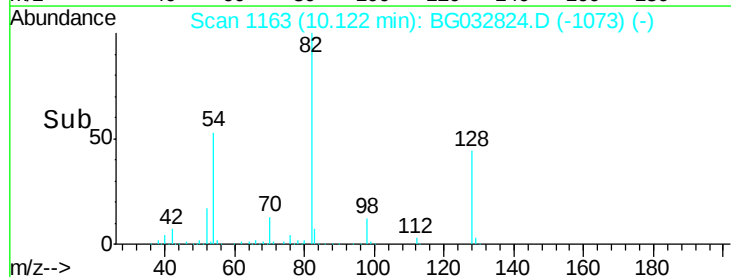


#23
Nitrobenzene-d5
Concen: 88.092 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032824.D
Acq: 26 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	53.2	43.1	64.7



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

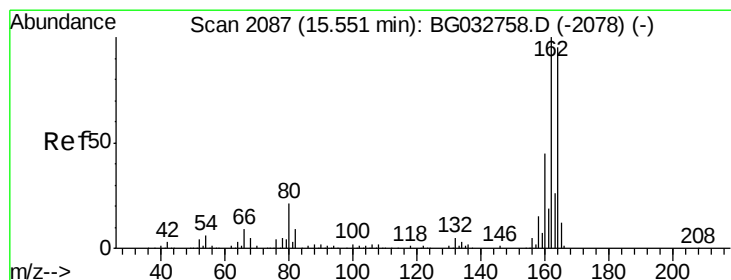
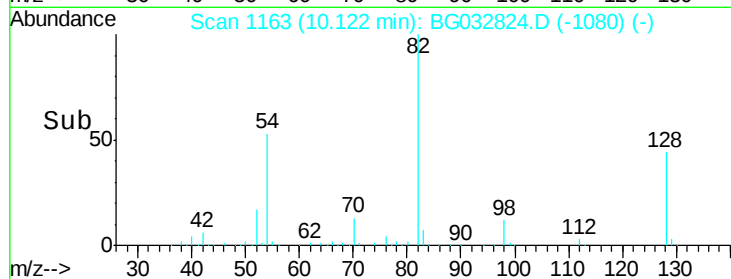
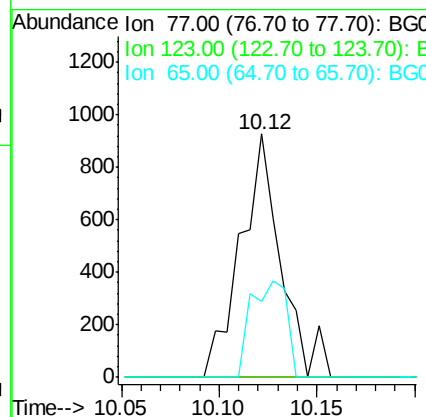
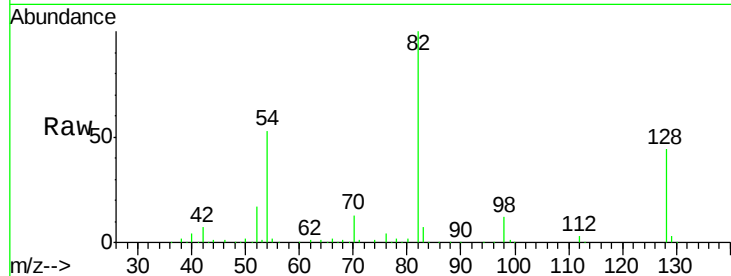




#24
 Nitrobenzene
 Concen: 6.614 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.04 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

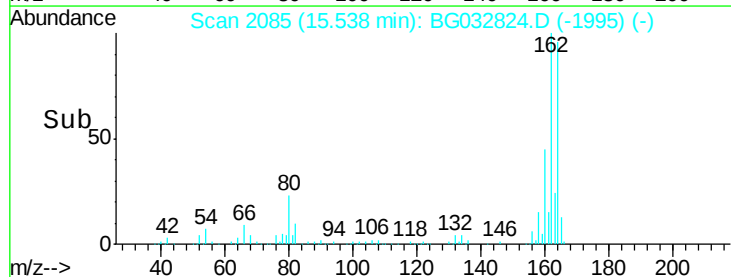
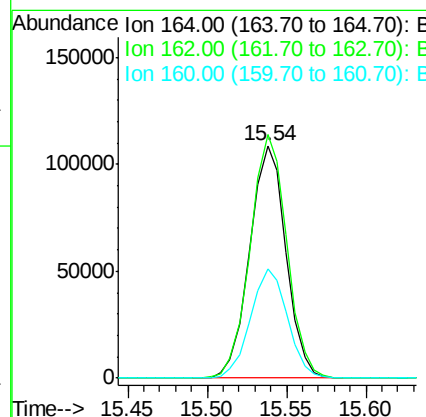
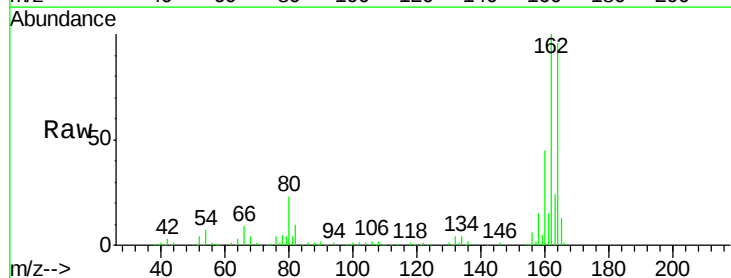
Instrument :
 BNA_G
 ClientSampleId :

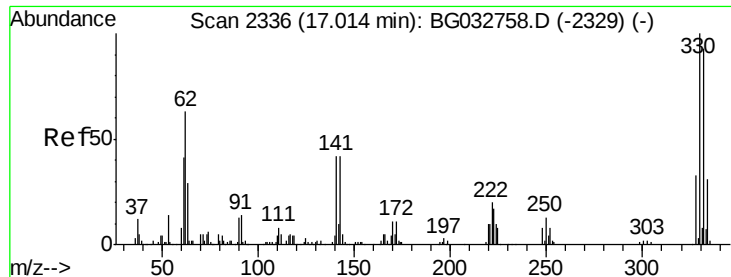
Tot Ion: 77 Resp: 1331
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 31.0 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion:164 Resp: 172349
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 46.8 35.4 53.0

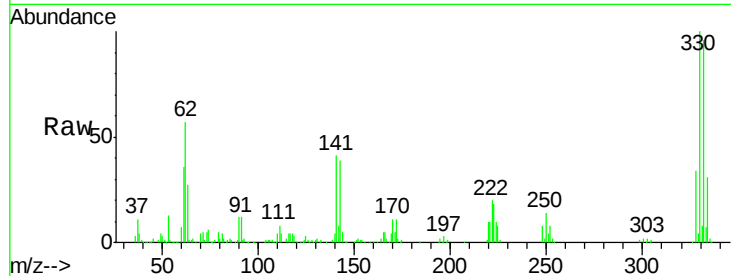




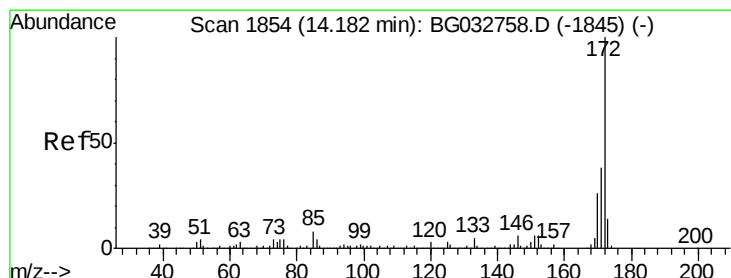
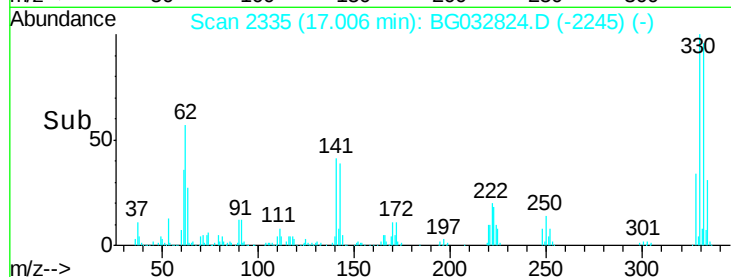
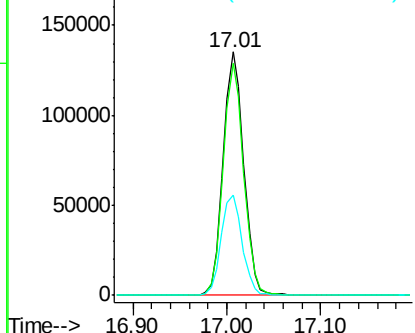
#41
 2,4,6-Tribromophenol
 Concen: 114.025 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 206635
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 42.0 25.2 37.8#

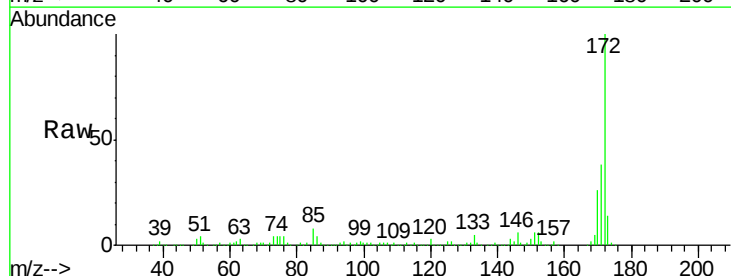


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

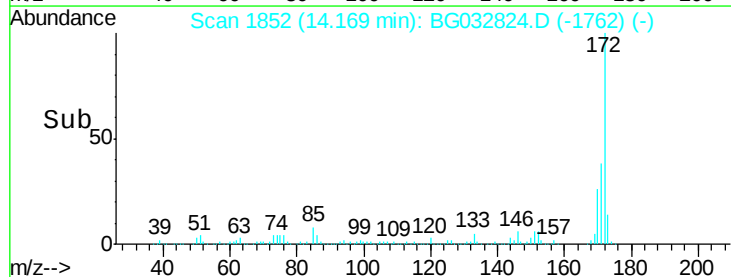
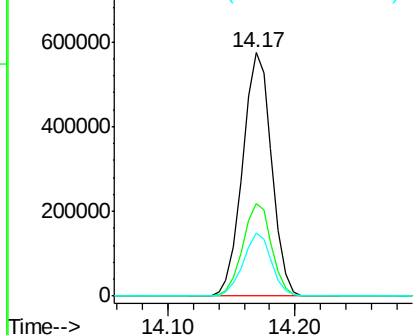


#44
 2-Fluorobiphenyl
 Concen: 76.008 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion:172 Resp: 908300
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.9 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





#47

2-Nitroaniline

Concen: 10.203 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.34 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_G

ClientSampleId :

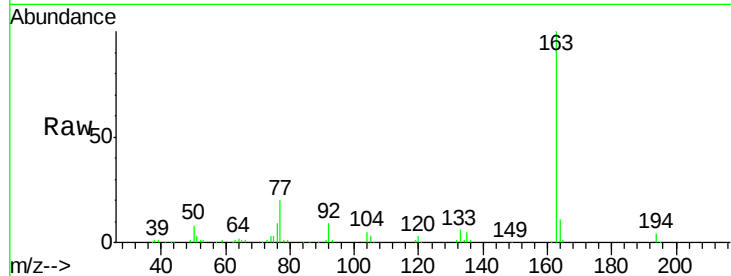
Tot Ion: 65 Resp: 1312

Ion Ratio Lower Upper

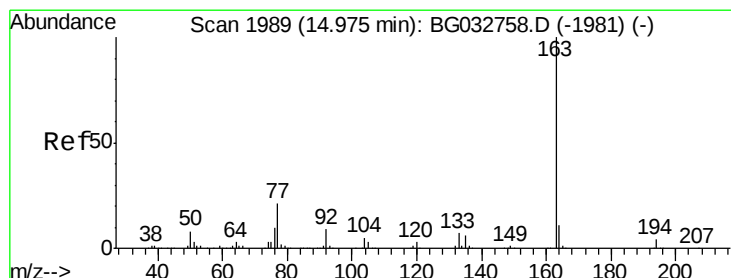
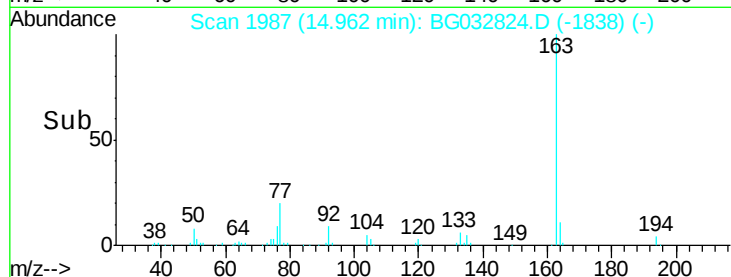
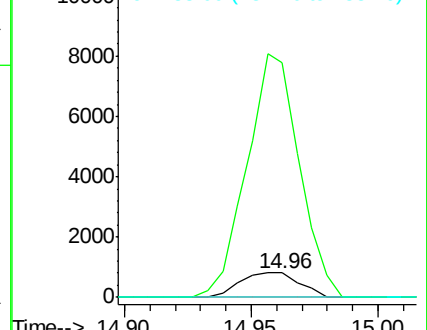
65 100

92 956.1 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Dimethylphthalate

Concen: 8.857 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

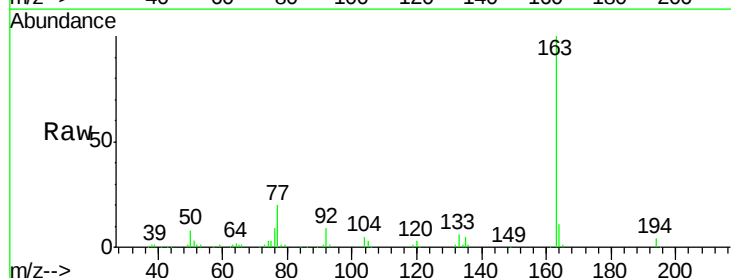
Tgt Ion:163 Resp: 129611

Ion Ratio Lower Upper

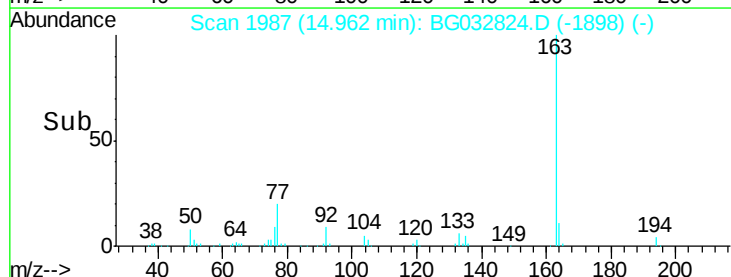
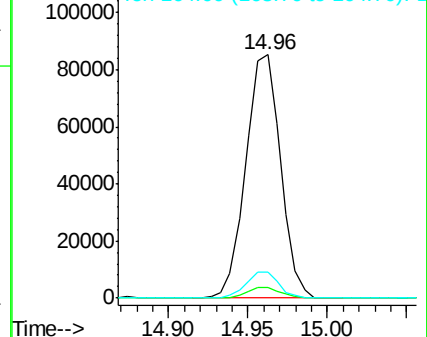
163 100

194 4.3 3.4 5.2

164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

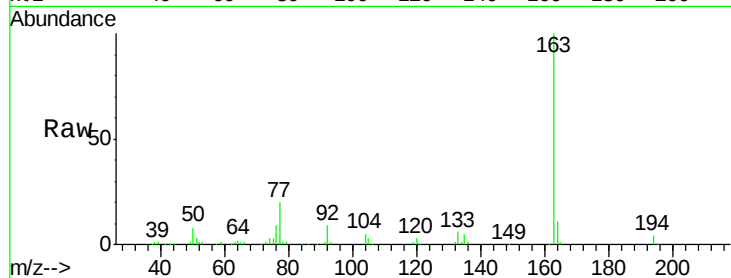




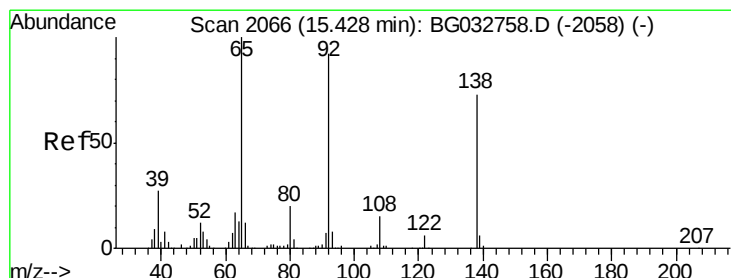
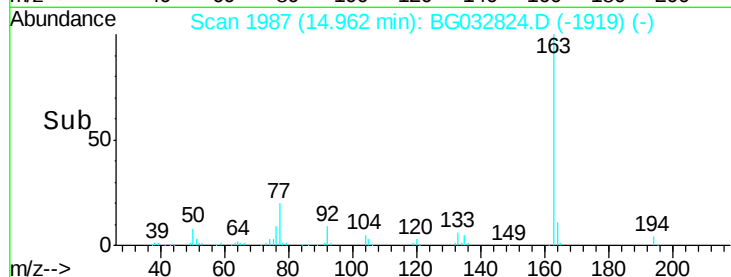
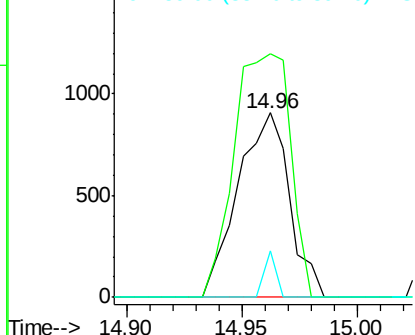
#50
 2,6-Dinitrotoluene
 Concen: 9.372 ng
 RT: 14.96 min Scan# 1987
 Delta R.T. -0.13 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 1409
 Ion Ratio Lower Upper
 165 100
 63 132.0 52.7 79.1#
 89 24.9 49.2 73.8#

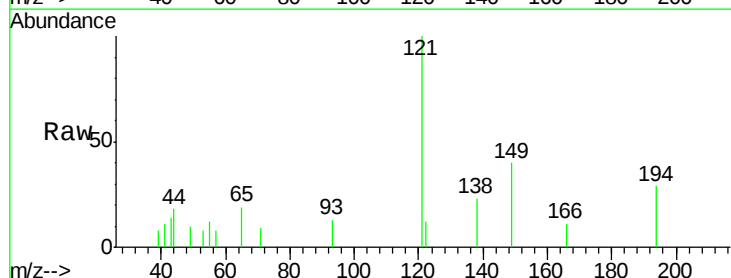


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

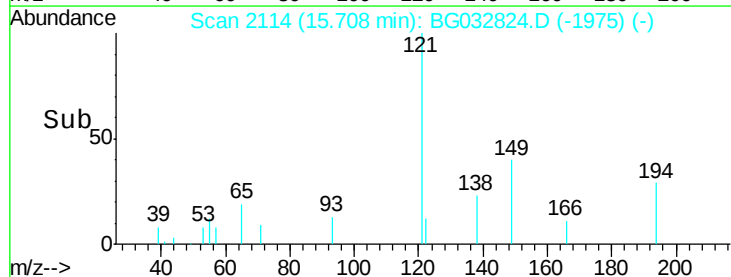
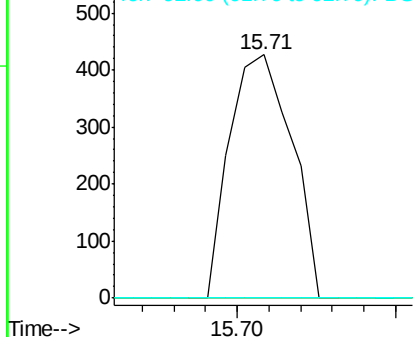


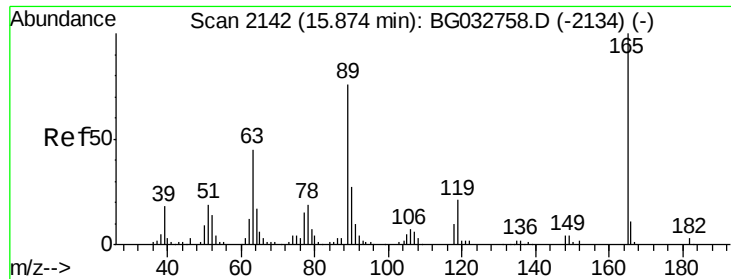
#52
 3-Nitroaniline
 Concen: 7.706 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. 0.28 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion:138 Resp: 579
 Ion Ratio Lower Upper
 138 100
 108 0.0 17.5 26.3#
 92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGO

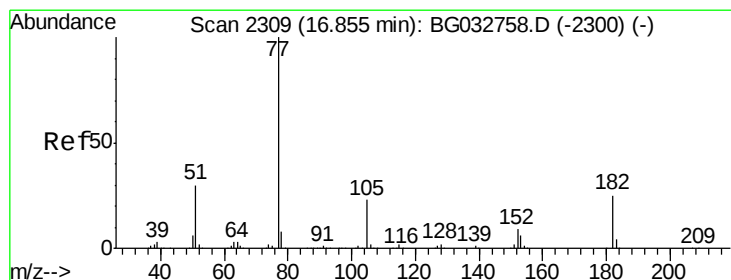
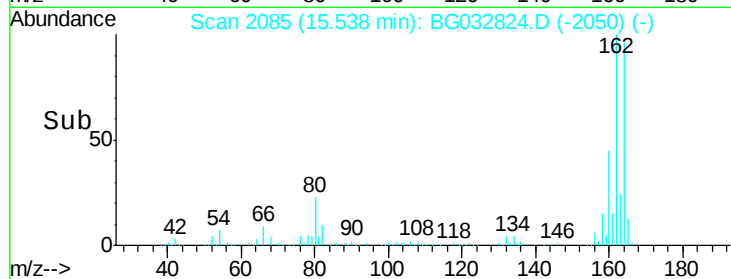
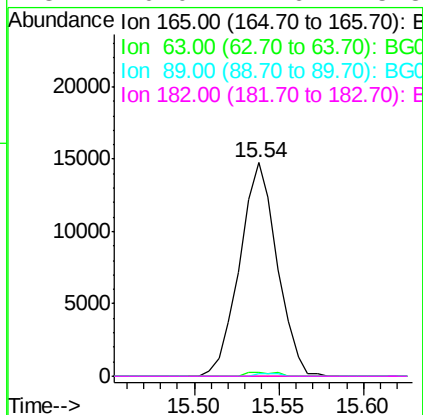
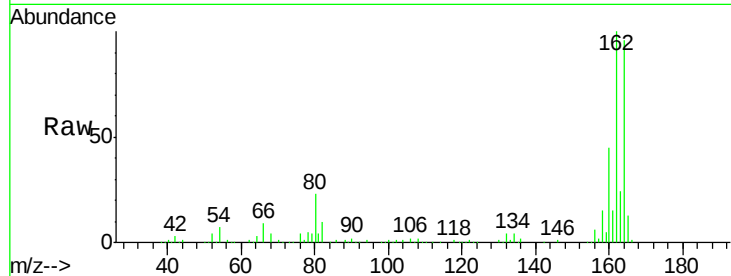




#56
 2,4-Dinitrotoluene
 Concen: 14.765 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

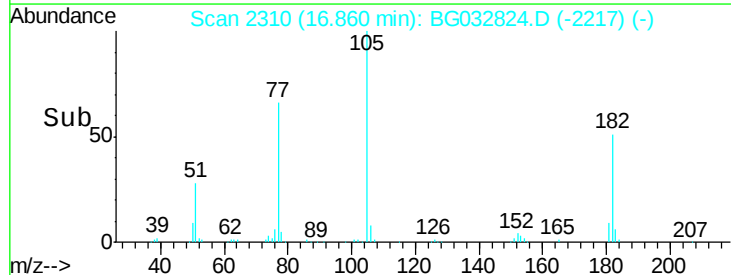
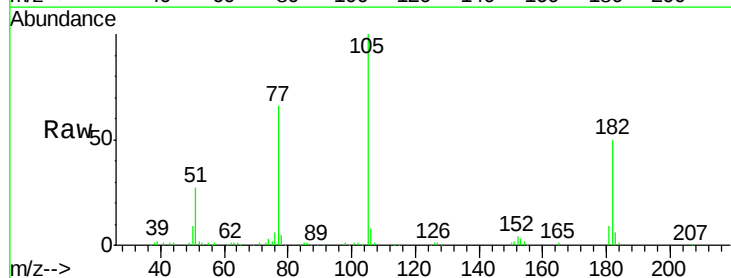
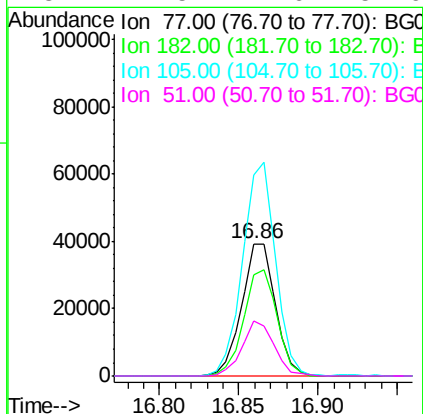
Instrument :
 BNA_G
 ClientSampleId :

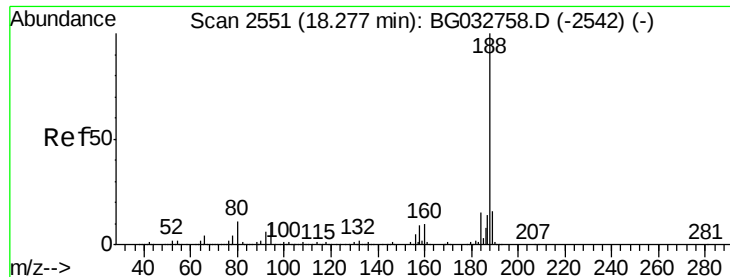
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



#62
 Azobenzene
 Concen: 4.176 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	76.3	7.4	47.4#
105	151.8	0.3	40.3#
51	41.5	11.6	51.6

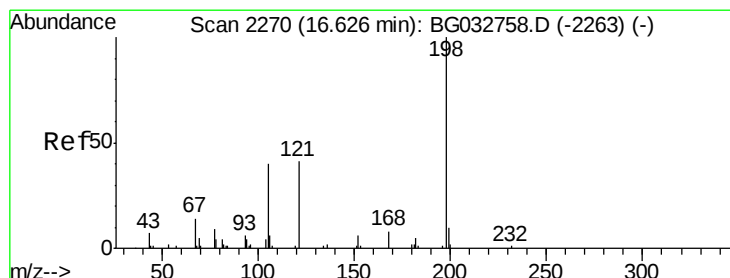
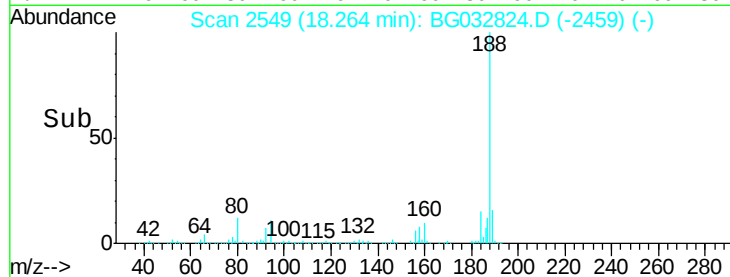
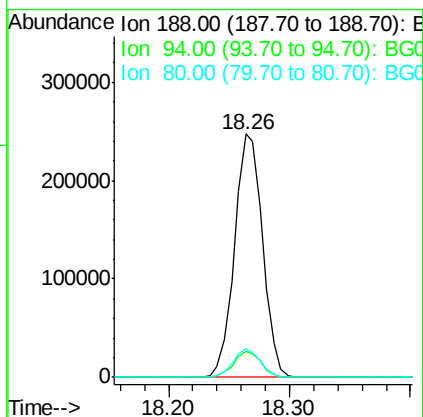
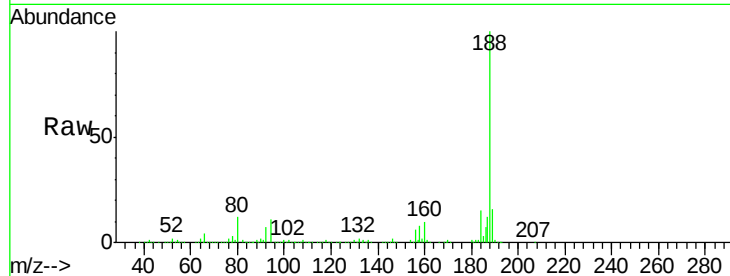




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

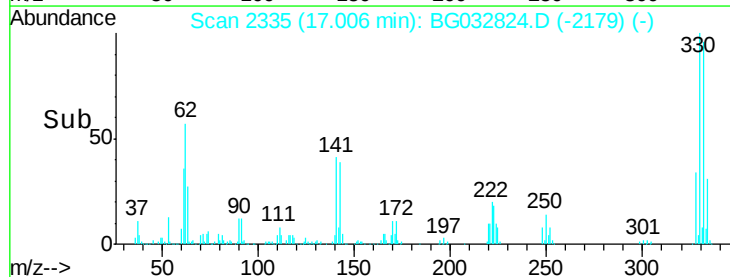
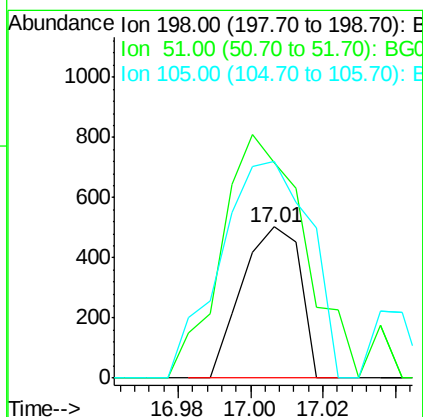
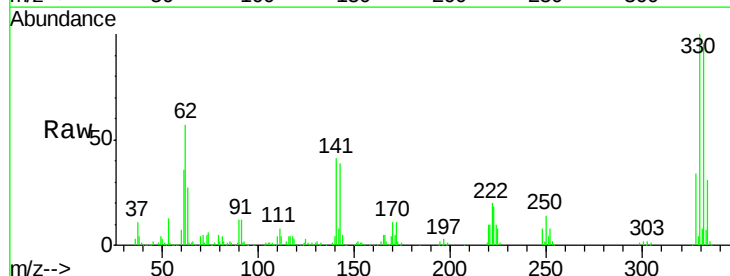
Instrument :
 BNA_G
 ClientSampleId :

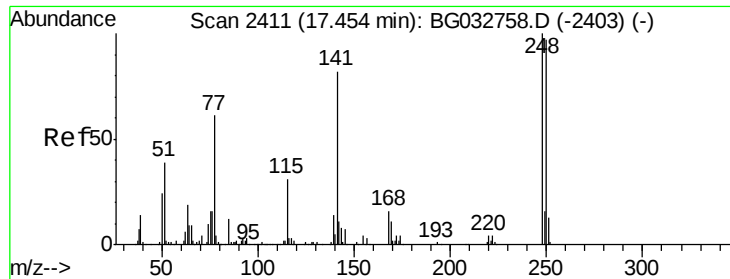
Tot Ion:188 Resp: 399756
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.9 10.3#
 80 11.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.544 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion:198 Resp: 560
 Ion Ratio Lower Upper
 198 100
 51 142.5 30.6 70.6#
 105 143.3 23.8 63.8#

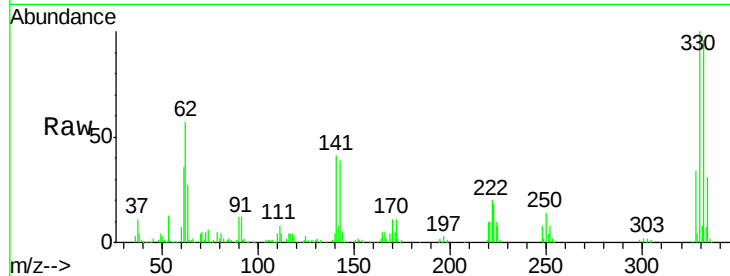




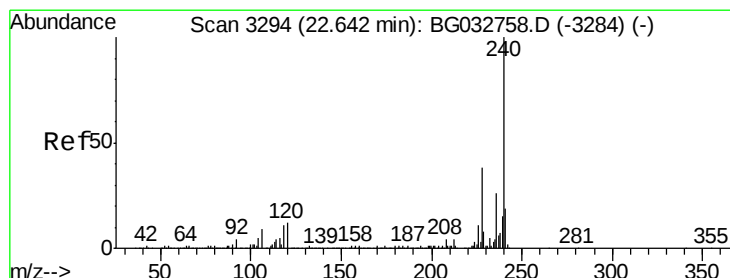
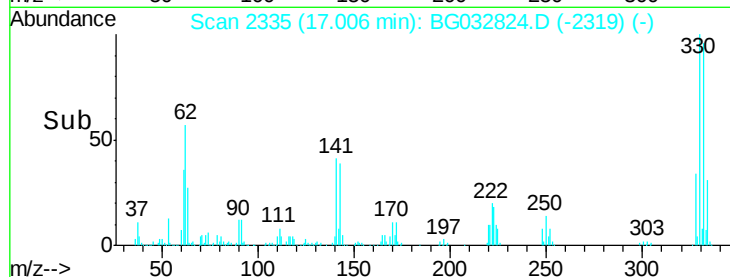
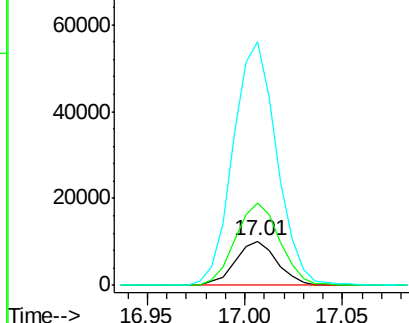
#66
 4-Bromophenyl-phenylether
 Concen: 3.569 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15088
 Ion Ratio Lower Upper
 248 100
 250 185.1 77.1 115.7#
 141 547.9 50.8 76.2#

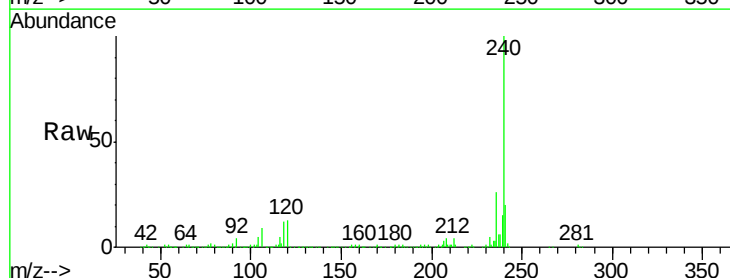


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

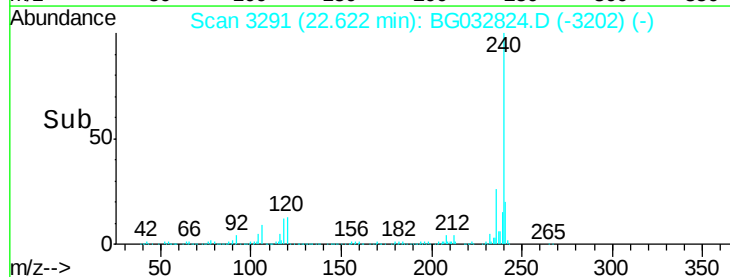
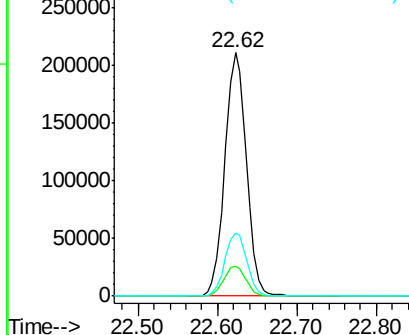


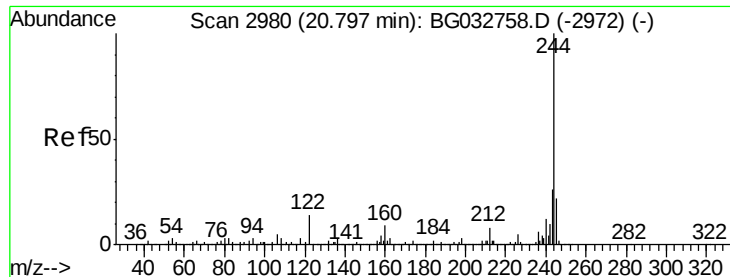
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032824.D
 Acq: 26 Feb 2018 16:31

Tgt Ion:240 Resp: 395520
 Ion Ratio Lower Upper
 240 100
 120 12.5 6.8 10.2#
 236 25.9 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: 78.244 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_G

ClientSampleId :

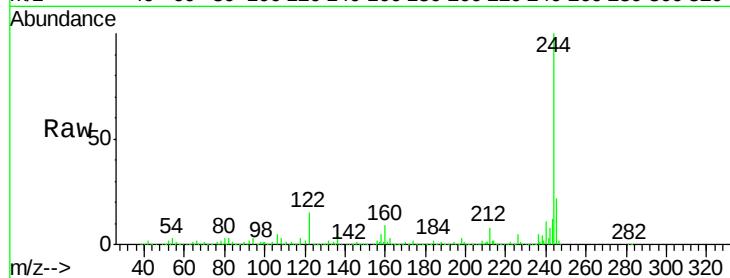
Tot Ion:244 Resp: 1377433

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

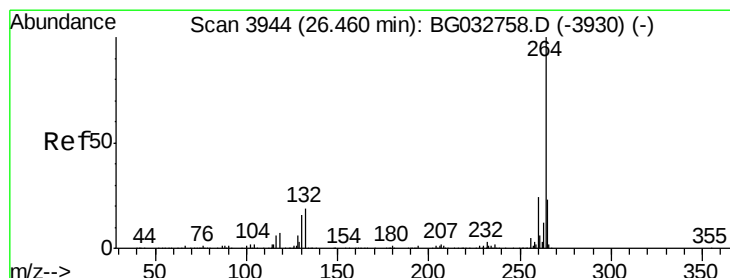
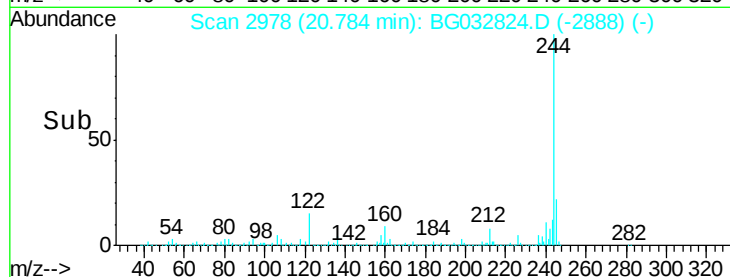
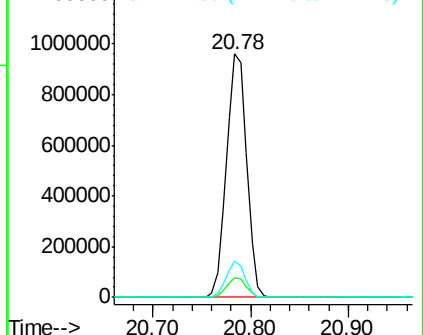
122 14.7 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3940

Delta R.T. -0.00 min

Lab File: BG032824.D

Acq: 26 Feb 2018 16:31

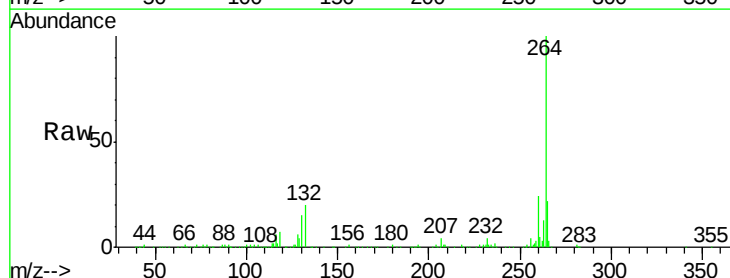
Tgt Ion:264 Resp: 421351

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.8 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

