

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033020.D
 Acq On : 6 Mar 2018 13:43
 Operator : SJ/JU
 Sample : J1794-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 17:40:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57595	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	257405	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	154038	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	358601	20.00	ng	0.00
75) Chrysene-d12	22.61	240	333952	20.00	ng	0.00
86) Perylene-d12	26.41	264	332761	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	145335	40.37	ng	0.00
7) Phenol-d6	8.00	99	122108	24.33	ng	0.00
23) Nitrobenzene-d5	10.11	82	413362	108.36	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	151889	93.78	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	911857	85.38	ng	0.00
78) Terphenyl-d14	20.77	244	1265482	85.14	ng	0.00

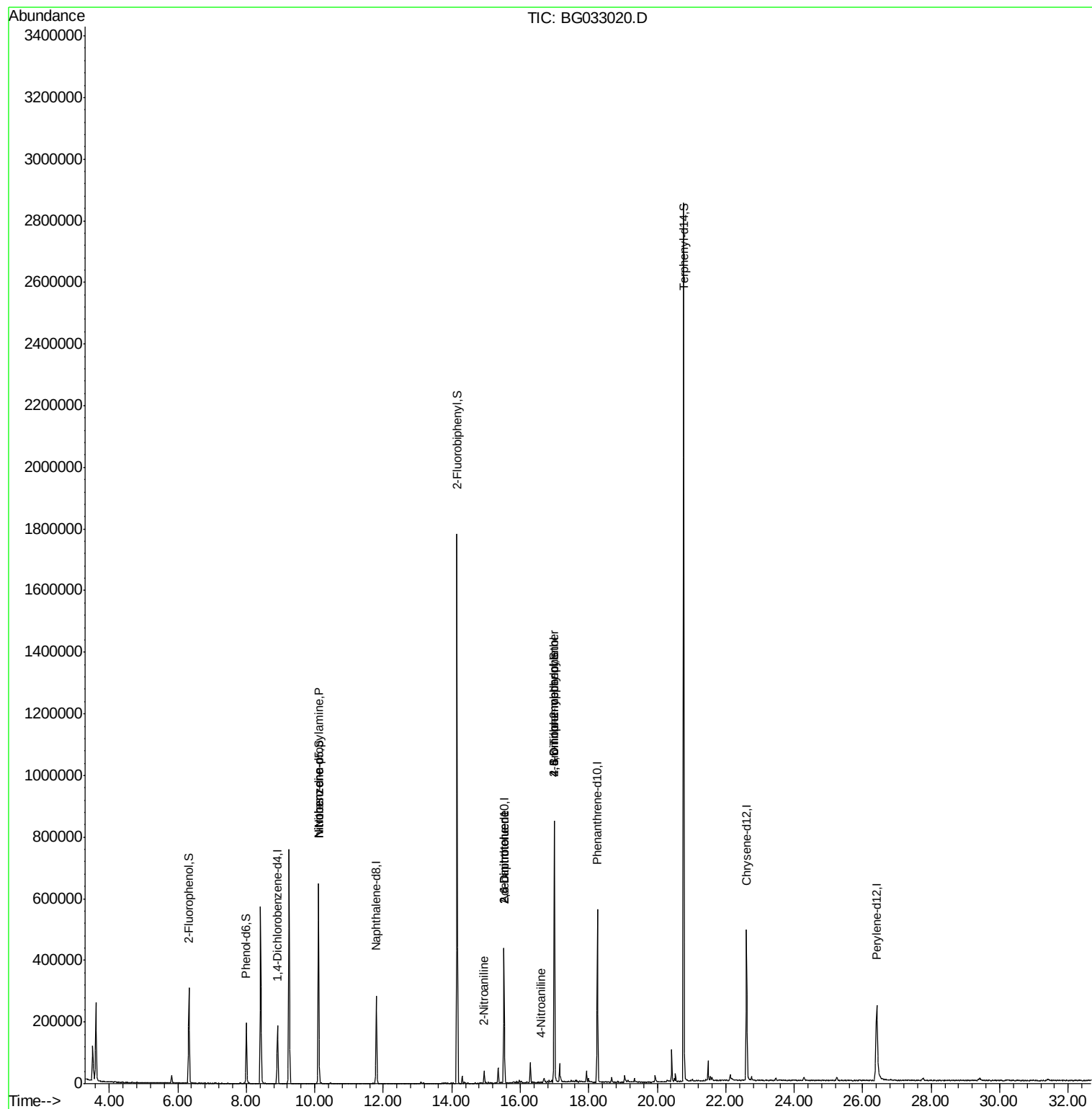
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	53255	15.033	ng	# 78
24) Nitrobenzene	10.11	77	1254	6.645	ng	# 46
47) 2-Nitroaniline	14.95	65	183	9.893	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	19953	16.406	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	19953	14.604	ng	# 18
61) 4-Nitroaniline	16.59	138	53	5.316	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.99	198	273	5.272	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	10661	2.812	ng	# 1

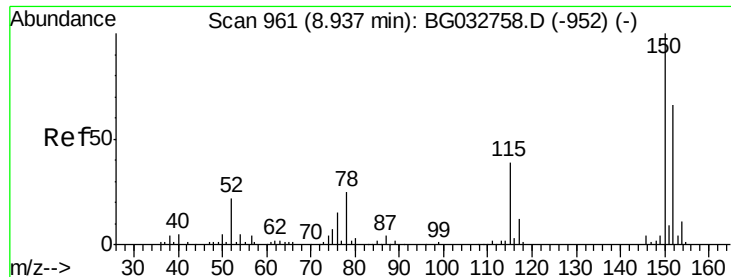
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Mar 06 17:40:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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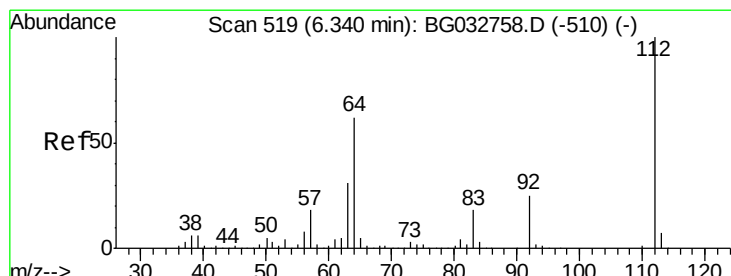
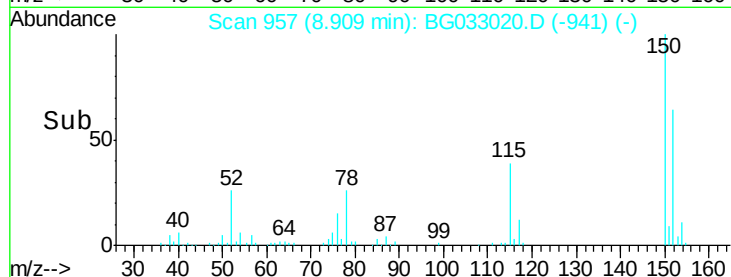
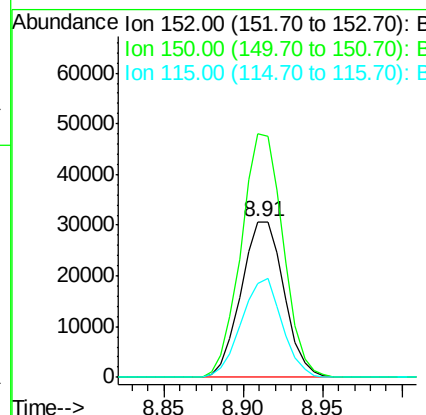
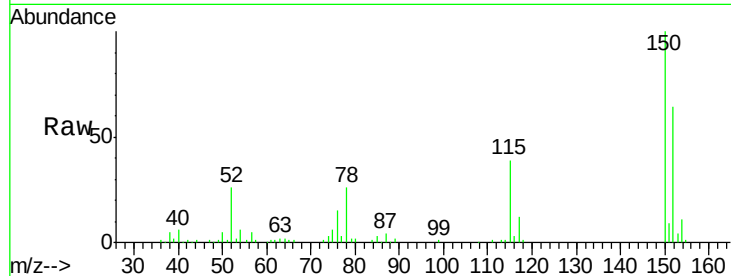


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Instrument :
BNA_G
ClientSampleId :

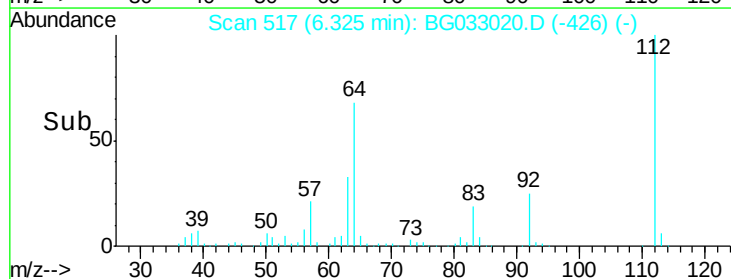
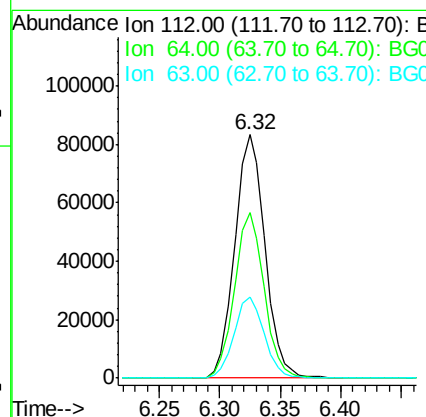
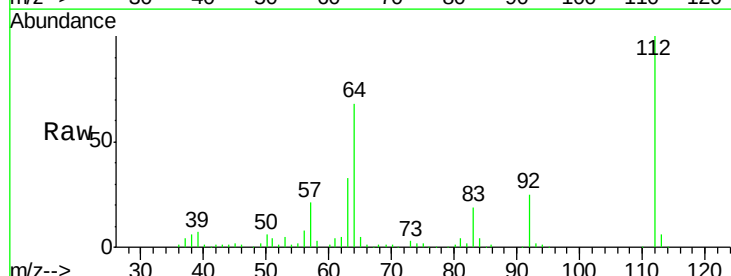
Tot Ion:152 Resp: 57595
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 60.5 53.0 79.4

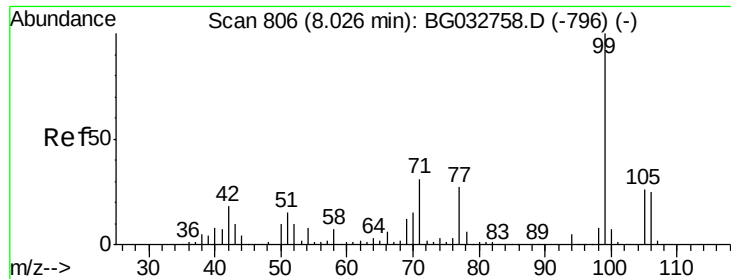


#5

2-Fluorophenol
Concen: 40.371 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Tgt Ion:112 Resp: 145335
Ion Ratio Lower Upper
112 100
64 68.2 56.3 84.5
63 33.1 30.1 45.1





#7

Phenol-d6

Concen: 24.334 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Instrument :

BNA_G

ClientSampled :

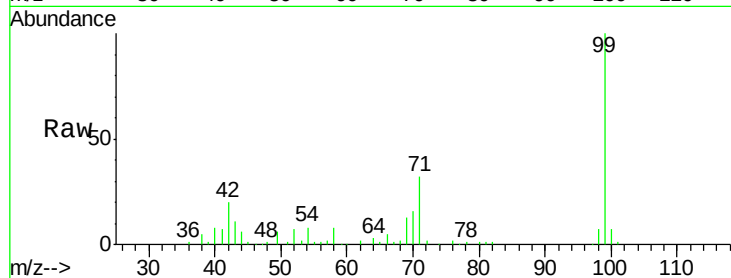
Tot Ion: 99 Resp: 122108

Ion Ratio Lower Upper

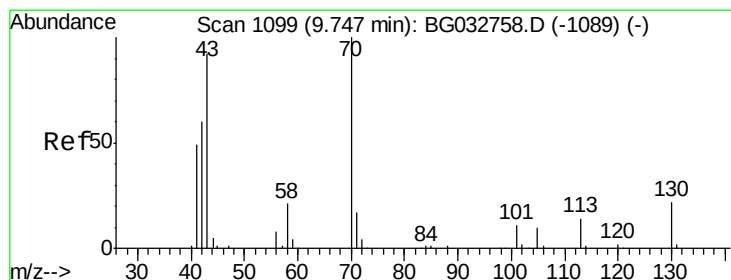
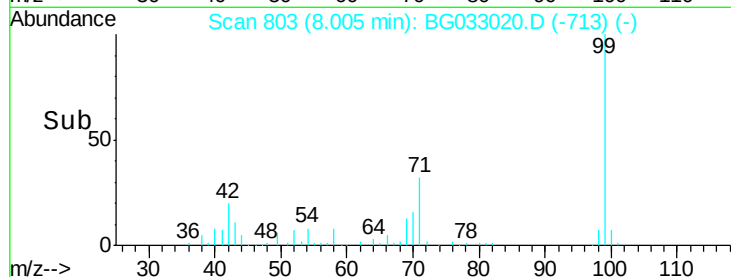
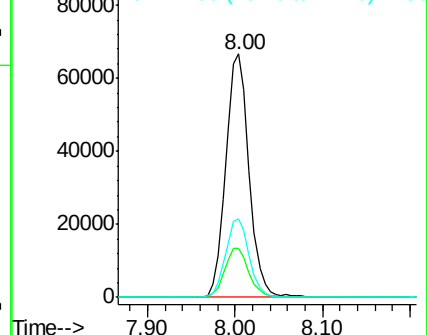
99 100

42 20.4 14.1 21.1

71 32.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.033 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.39 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Tgt Ion: 70 Resp: 53255

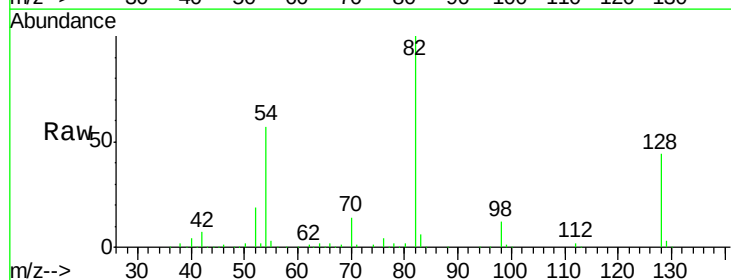
Ion Ratio Lower Upper

70 100

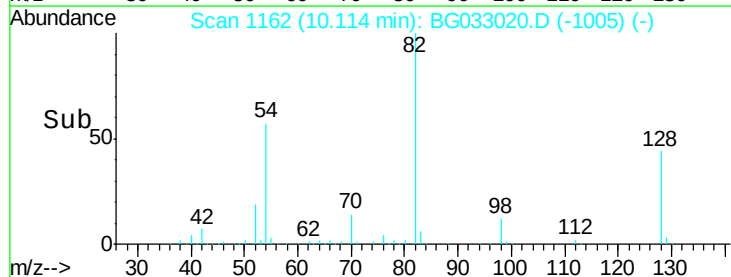
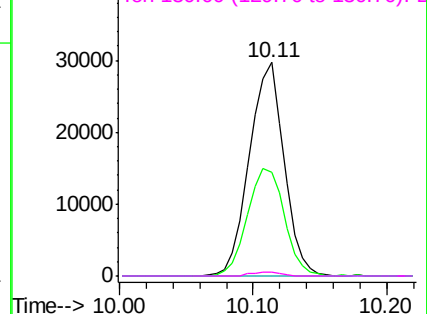
42 48.3 49.1 73.7#

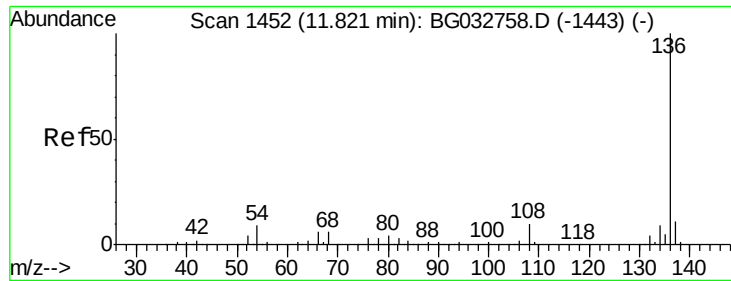
101 0.0 8.5 12.7#

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

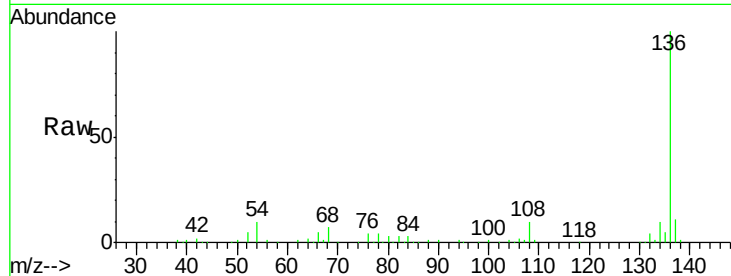




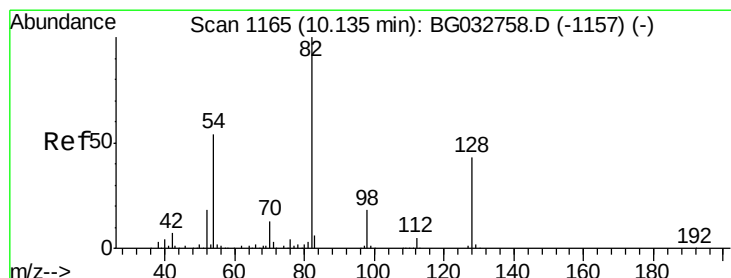
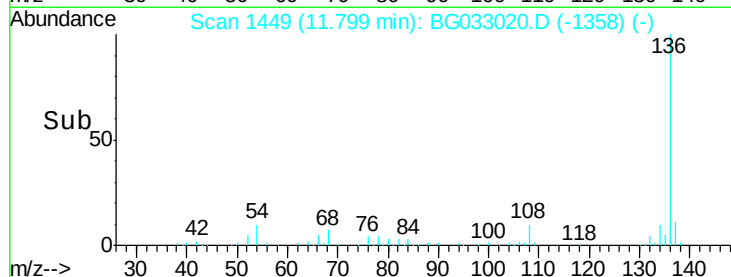
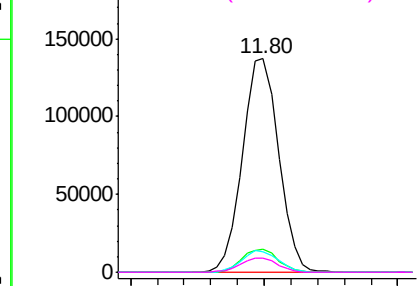
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257405
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	9.7	10.3 15.5#
68	6.7	4.5 6.7#

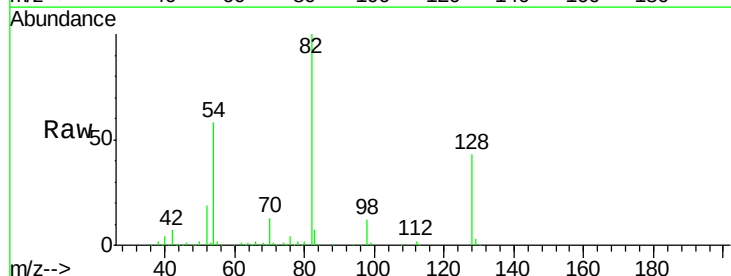


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

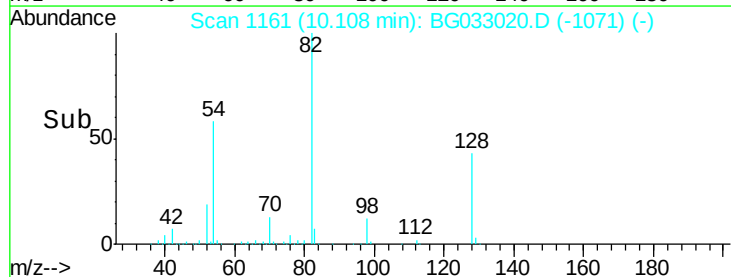
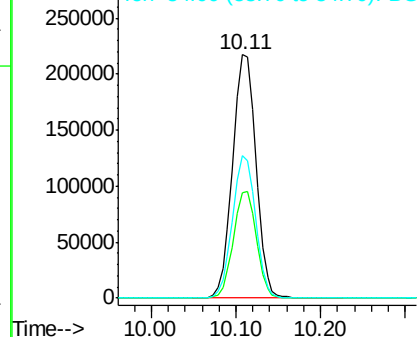


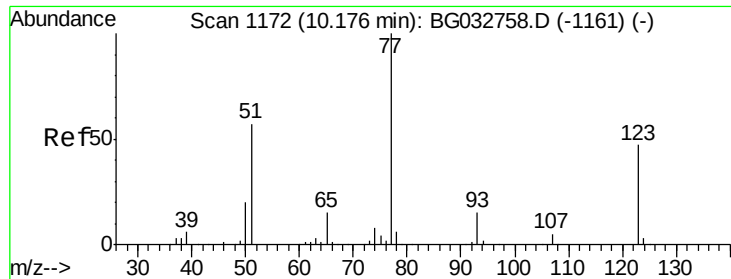
#23
Nitrobenzene-d5
Concen: 108.357 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Tgt Ion: 82	Resp:	413362
Ion Ratio	Lower	Upper
82	100	
128	43.4	29.7 44.5
54	58.4	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

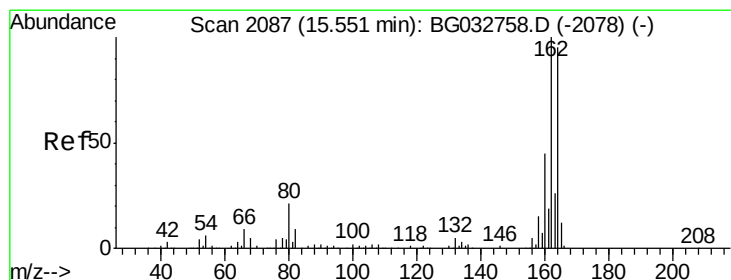
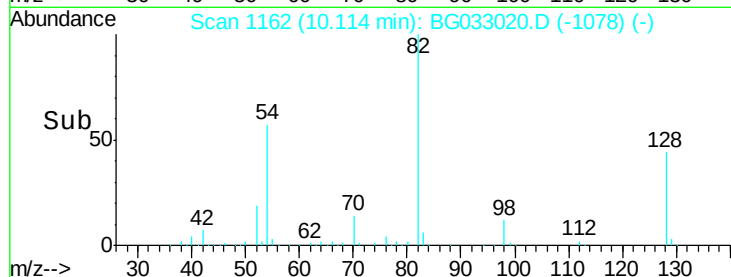
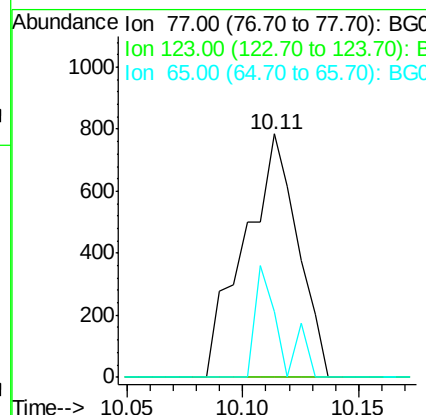
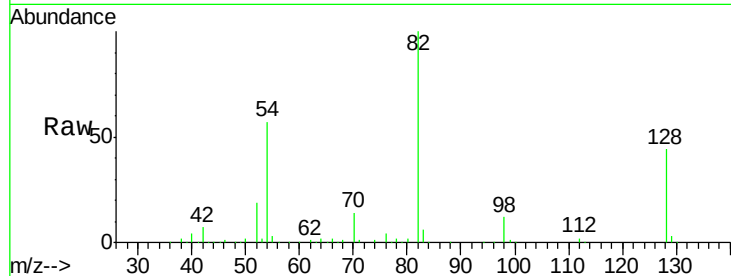




#24
 Nitrobenzene
 Concen: 6.645 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.04 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

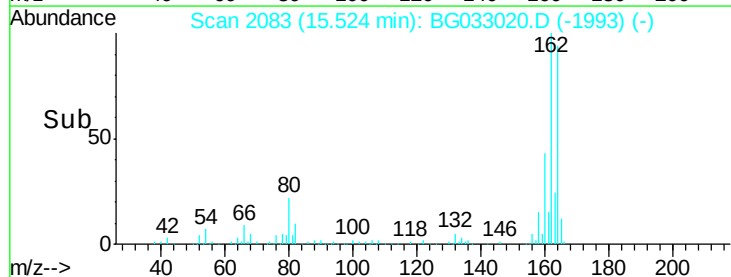
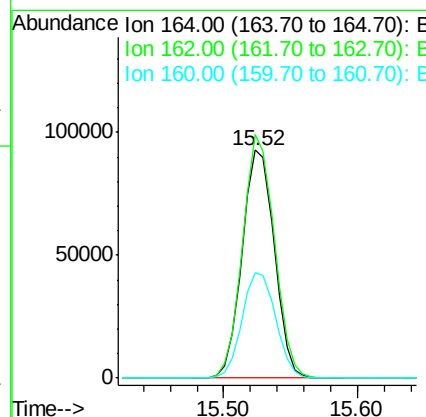
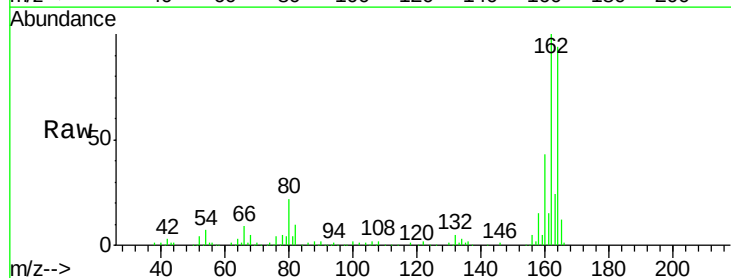
Instrument :
 BNA_G
 ClientSampled :

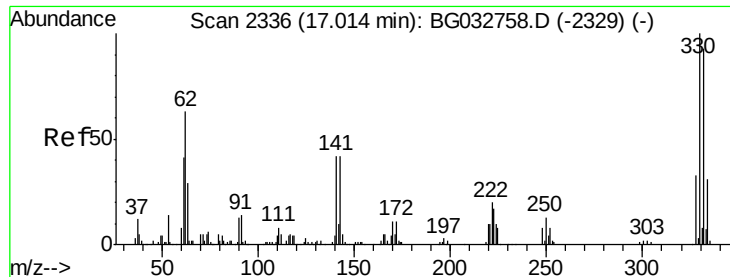
Tot Ion: 77 Resp: 1254
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 27.1 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

Tgt Ion:164 Resp: 154038
 Ion Ratio Lower Upper
 164 100
 162 106.7 78.8 118.2
 160 46.4 35.4 53.0

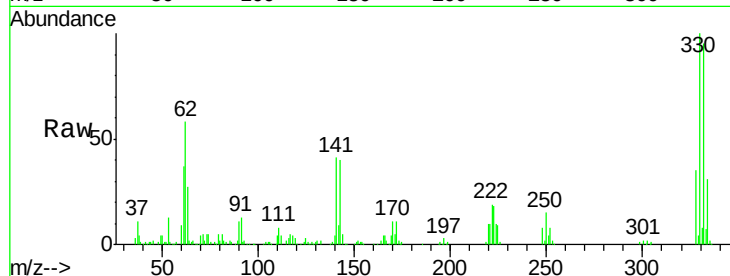




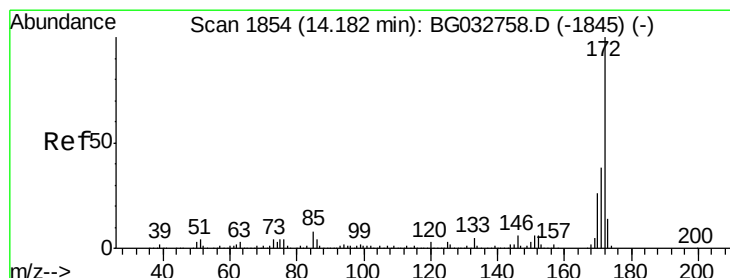
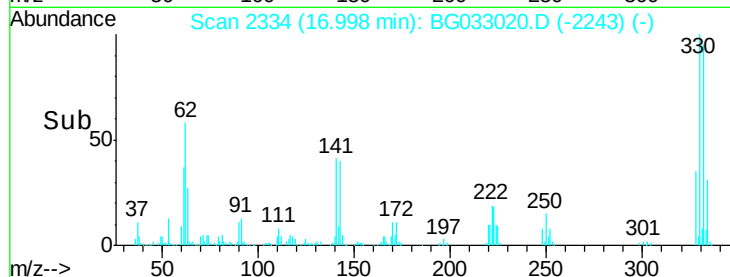
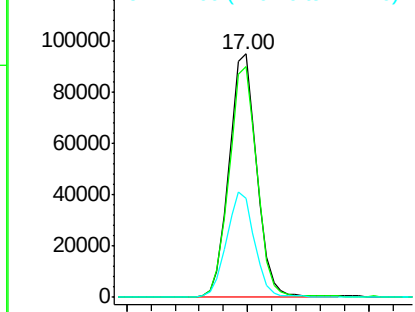
#41
 2,4,6-Tribromophenol
 Concen: 93.779 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 151889
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 43.6 25.2 37.8#

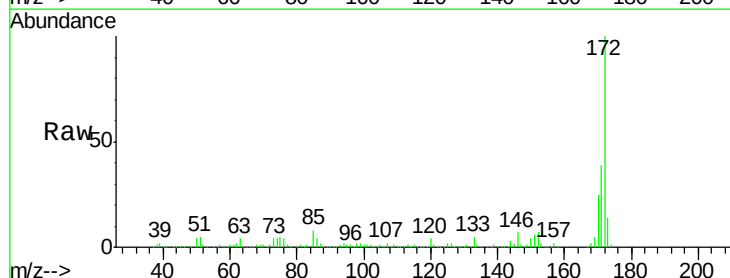


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

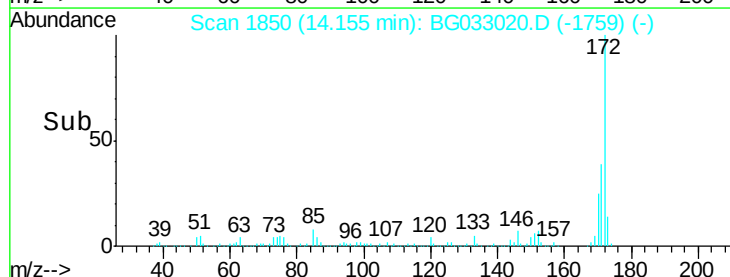
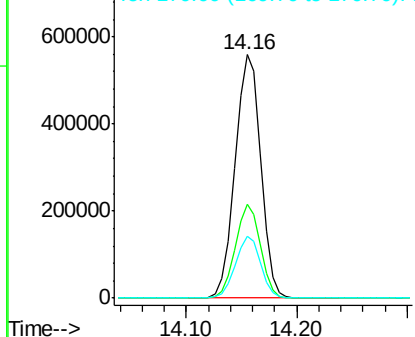


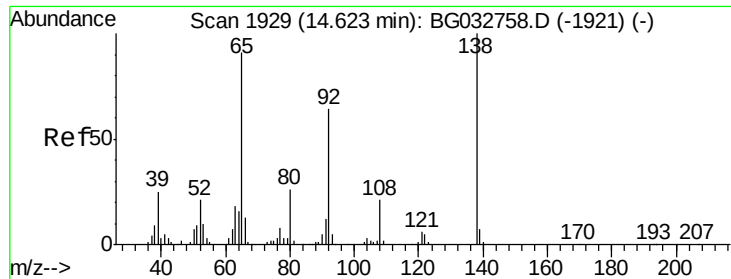
#44
 2-Fluorobiphenyl
 Concen: 85.377 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

Tgt Ion:172 Resp: 911857
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 25.4 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

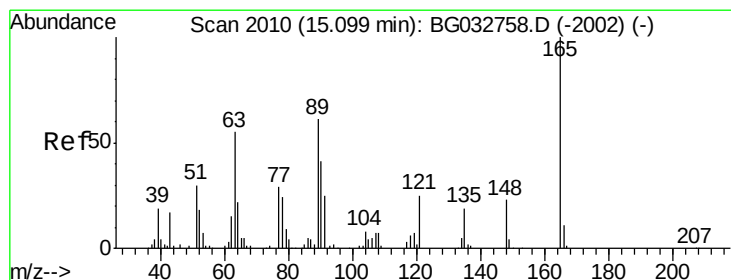
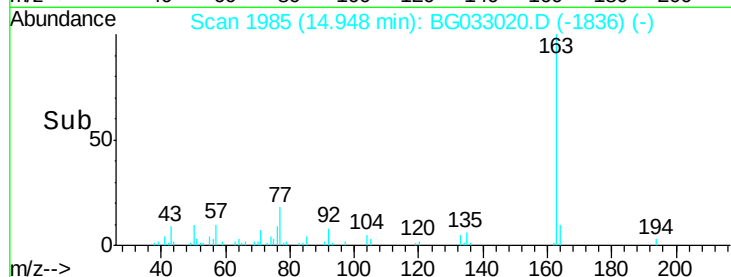
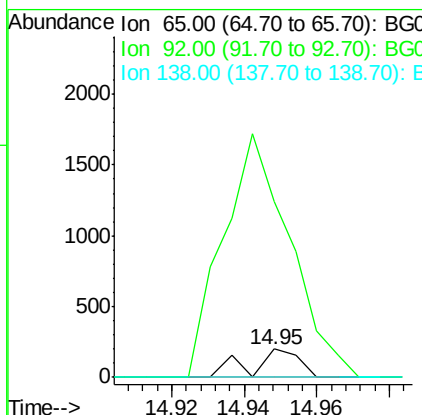
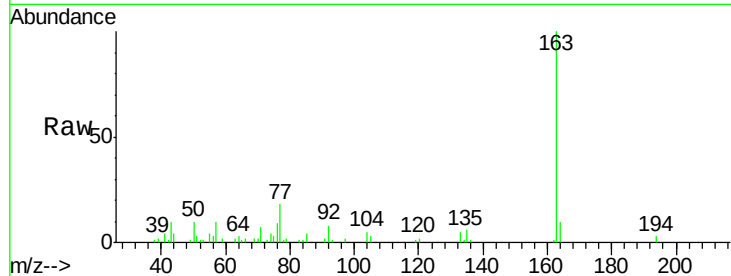




#47
2-Nitroaniline
Concen: 9.893 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.34 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

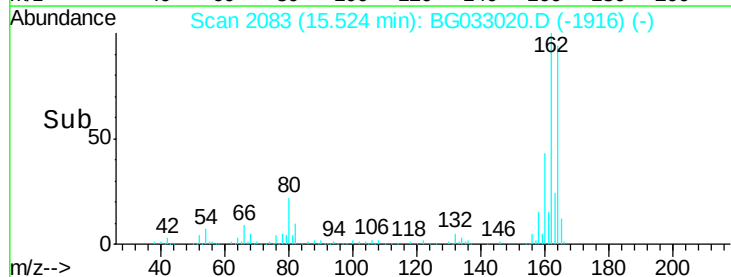
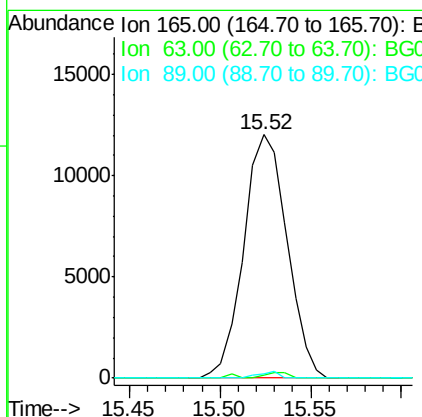
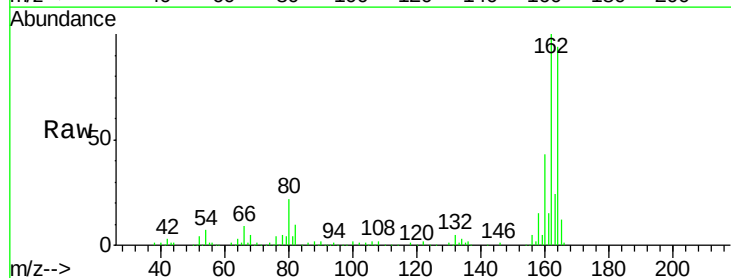
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ClientSampleId :

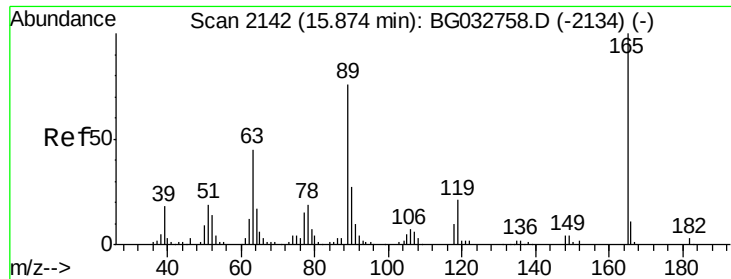
Tot Ion: 65 Resp: 183
Ion Ratio Lower Upper
65 100
92 623.1 54.6 82.0#
138 0.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.406 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.45 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Tgt Ion:165 Resp: 19953
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.6 49.2 73.8#

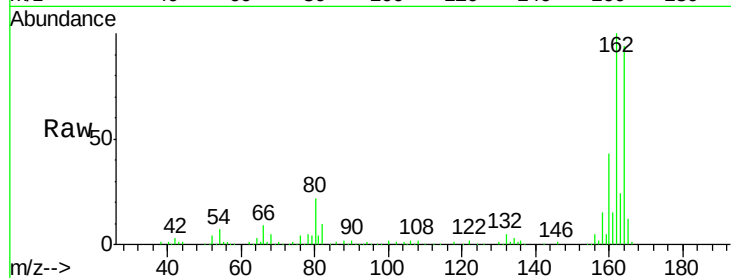




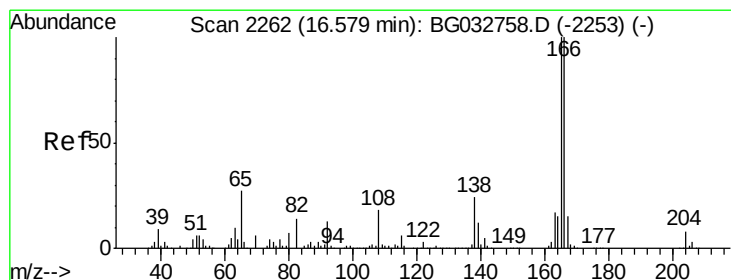
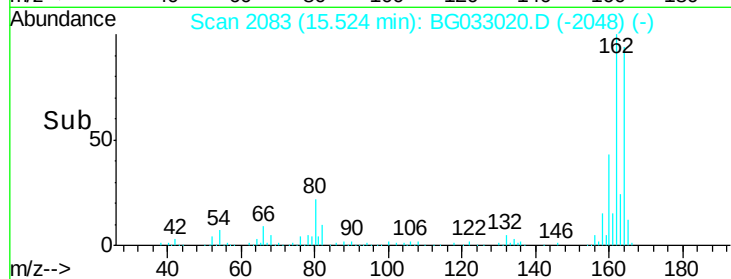
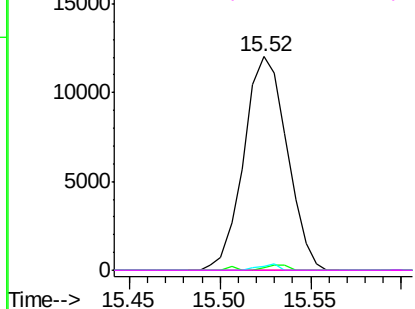
#56
2,4-Dinitrotoluene
Concen: 14.604 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19953
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#

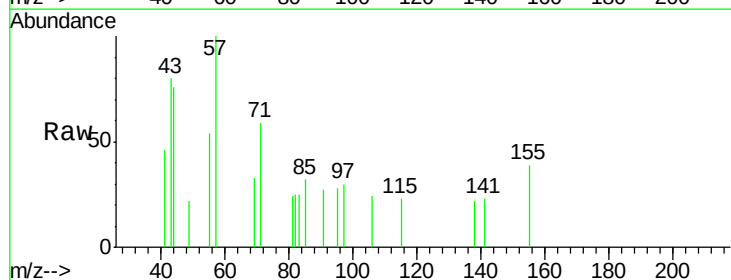


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

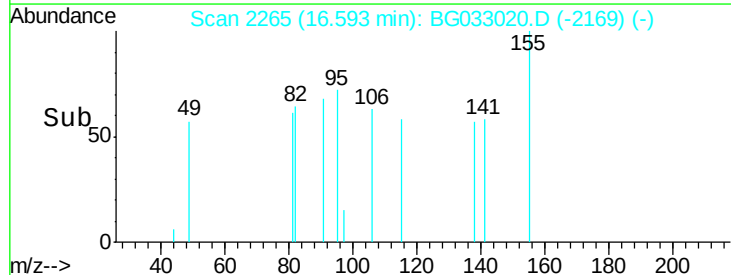
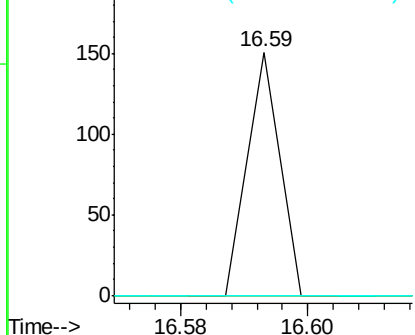


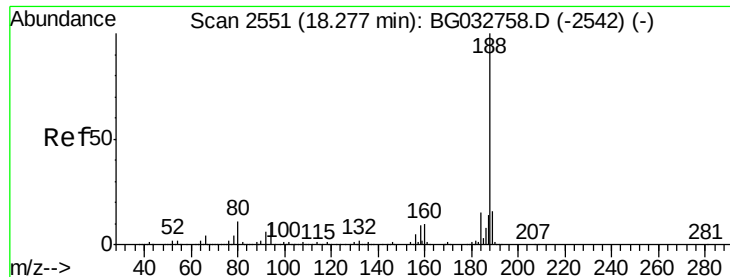
#61
4-Nitroaniline
Concen: 5.316 ng
RT: 16.59 min Scan# 2265
Delta R.T. 0.03 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



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

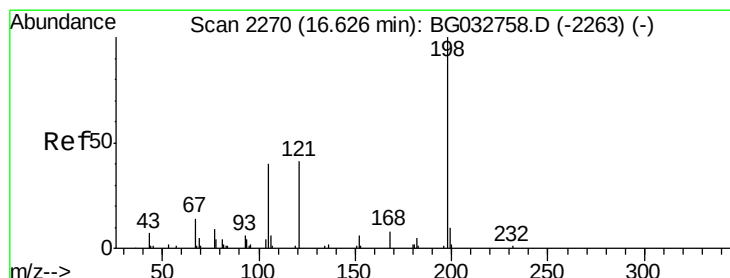
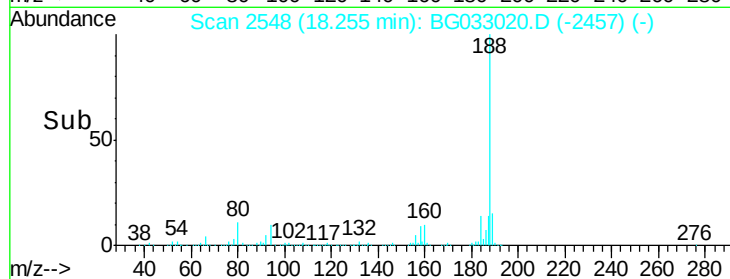
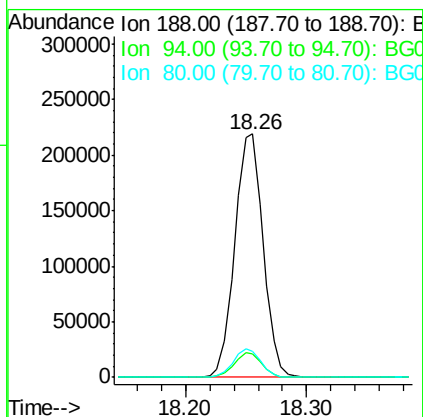
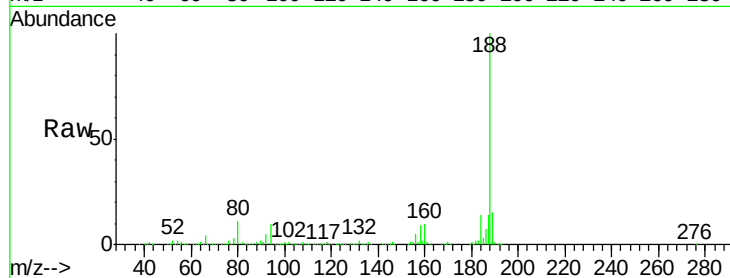




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

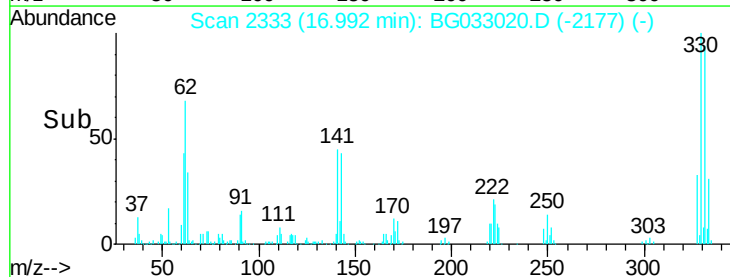
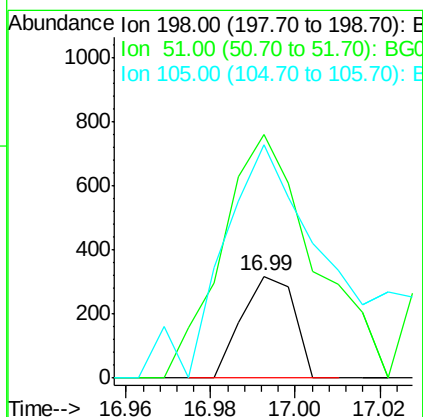
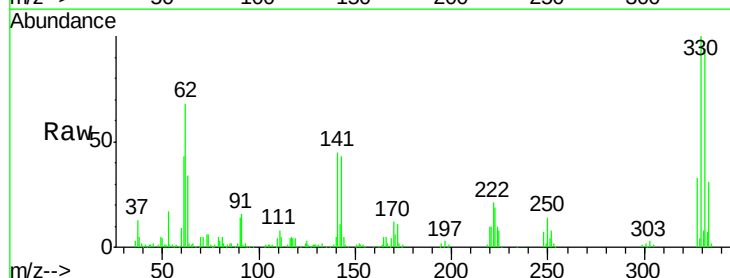
Instrument :
BNA_G
ClientSampled :

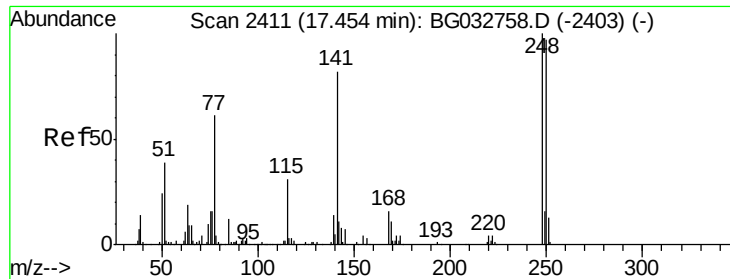
Tot Ion:188 Resp: 358601
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 10.6 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033020.D
Acq: 6 Mar 2018 13:43

Tgt Ion:198 Resp: 273
Ion Ratio Lower Upper
198 100
51 239.0 30.6 70.6#
105 229.2 23.8 63.8#

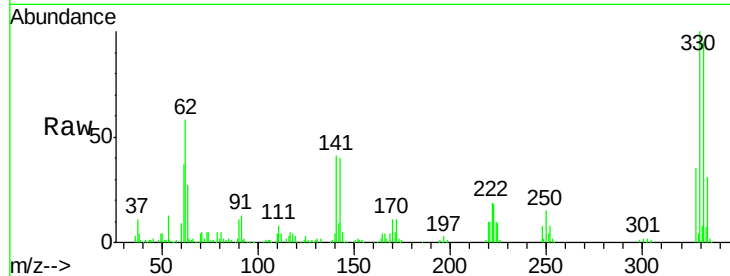




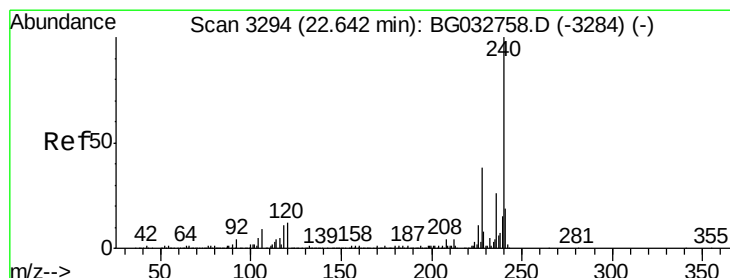
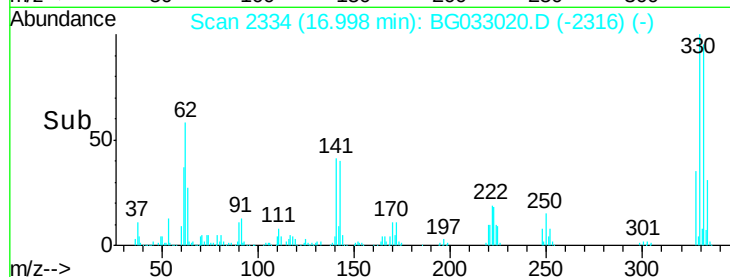
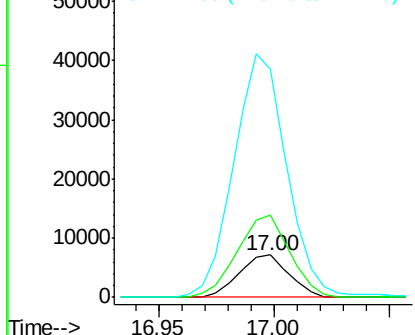
#66
 4-Bromophenyl-phenylether
 Concen: 2.812 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10661
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.1 115.7#
 141 539.9 50.8 76.2#

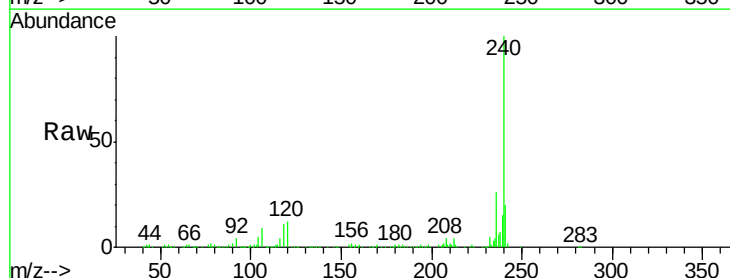


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

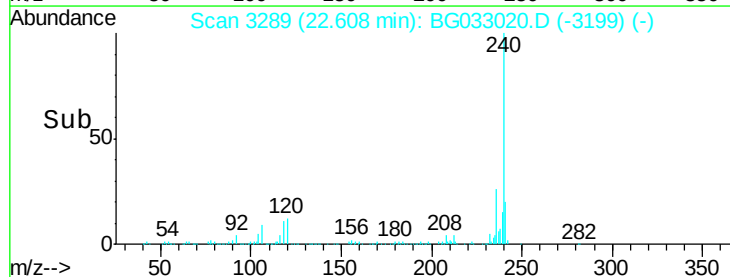
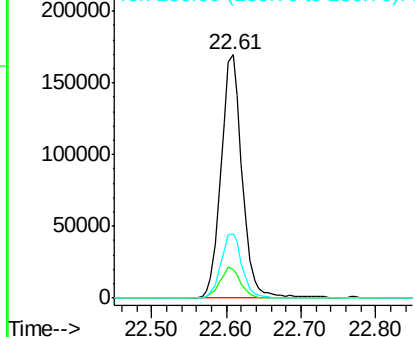


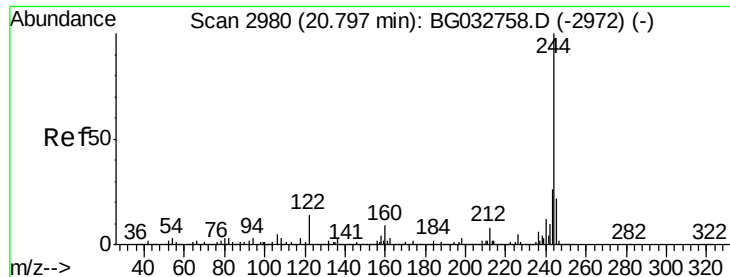
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033020.D
 Acq: 6 Mar 2018 13:43

Tgt Ion:240 Resp: 333952
 Ion Ratio Lower Upper
 240 100
 120 11.8 6.8 10.2#
 236 26.2 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: 85.138 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Instrument :

BNA_G

ClientSampleId :

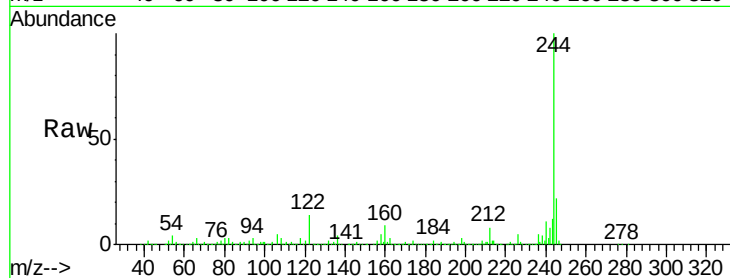
Tot Ion:244 Resp: 1265482

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 14.3 7.0 10.4



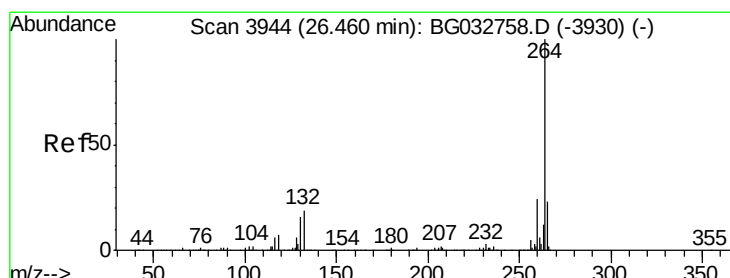
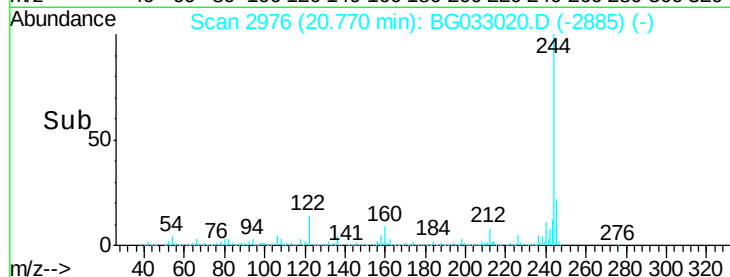
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.77

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

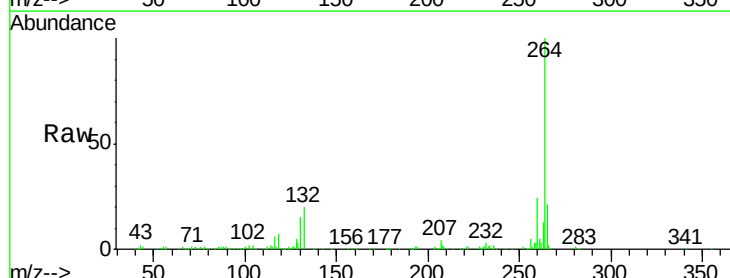
Tgt Ion:264 Resp: 332761

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.9 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

26.41

Time-->

