

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032926.D
 Acq On : 1 Mar 2018 20:45
 Operator : SJ/JU
 Sample : J1699-48
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:04:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

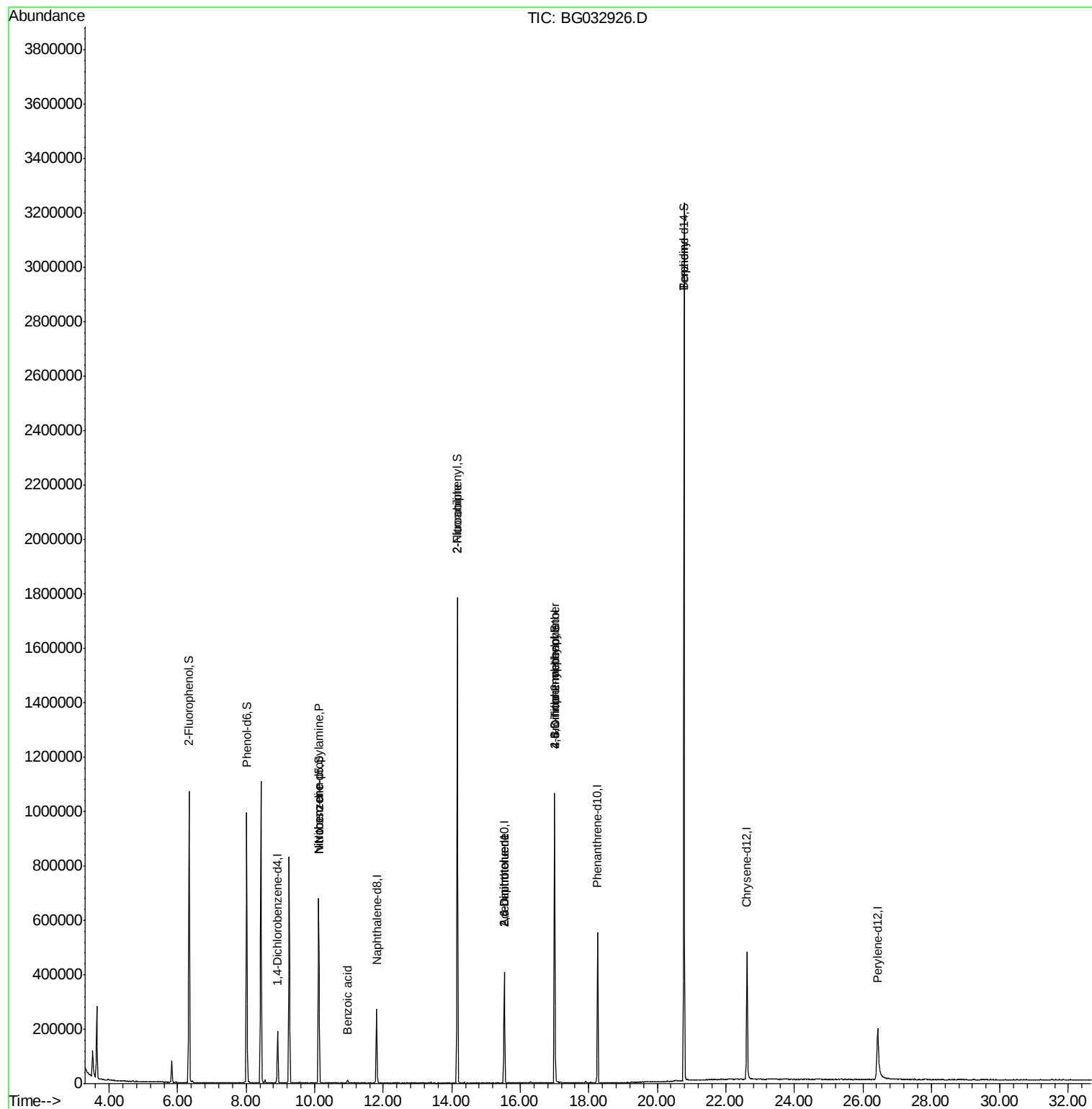
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58244	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	250421	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	143368	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	340982	20.00	ng	0.00
75) Chrysene-d12	22.62	240	323483	20.00	ng	0.00
86) Perylene-d12	26.44	264	300861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	508240	139.60	ng	0.00
7) Phenol-d6	8.01	99	625029	123.17	ng	0.00
23) Nitrobenzene-d5	10.12	82	425917	114.18	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	186185	123.51	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	939204	94.48	ng	0.00
78) Terphenyl-d14	20.78	244	1445737	100.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	55426	15.472	ng	# 80
24) Nitrobenzene	10.12	77	1334	6.670	ng	# 36
32) Benzoic acid	10.96	122	5659	8.657	ng	# 82
47) 2-Nitroaniline	14.16	65	1678	10.401	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	18757	16.482	ng	# 20
56) 2,4-Dinitrotoluene	15.53	165	18757	14.680	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	554	5.639	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	14043	3.895	ng	# 1
76) Benzidine	20.78	184	25121	2.278	ng	# 94

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

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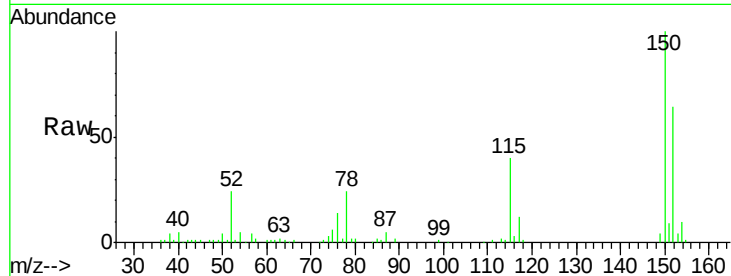


#1

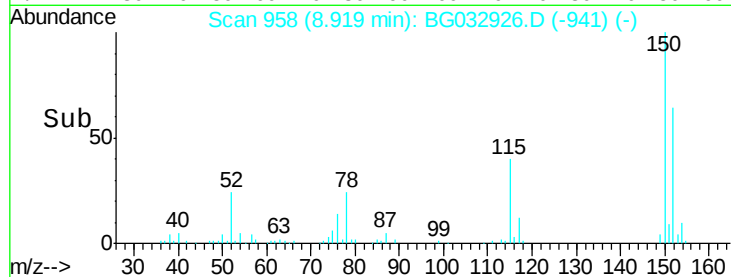
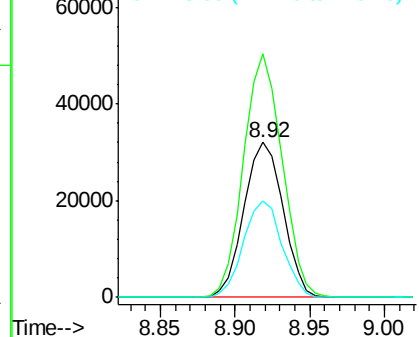
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 58244
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.6 189.8
 115 62.1 53.0 79.4



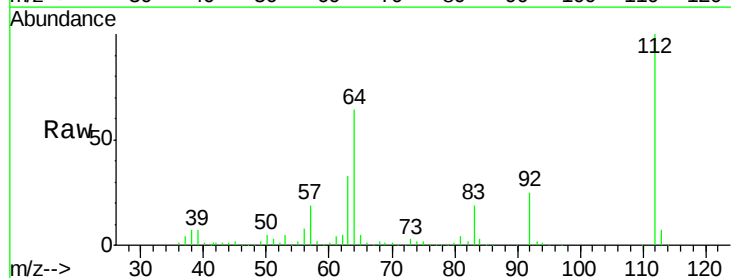
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



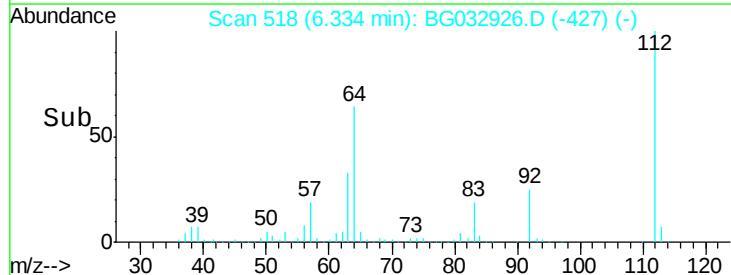
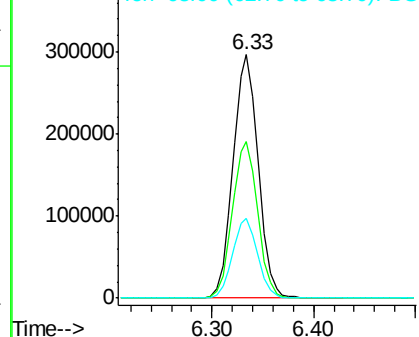
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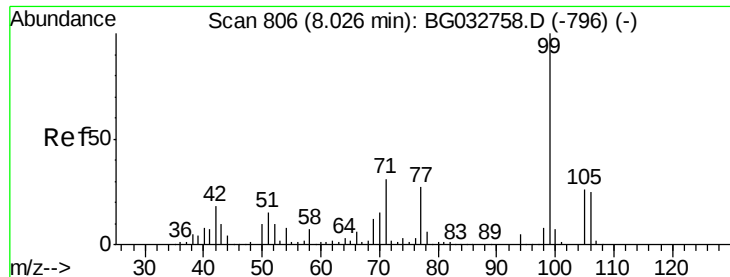
2-Fluorophenol
 Concen: 139.604 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Tgt Ion:112 Resp: 508240
 Ion Ratio Lower Upper
 112 100
 64 64.4 56.3 84.5
 63 32.8 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: 123.171 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032926.D

Acq: 1 Mar 2018 20:45

Instrument :

BNA_G

ClientSampleId :

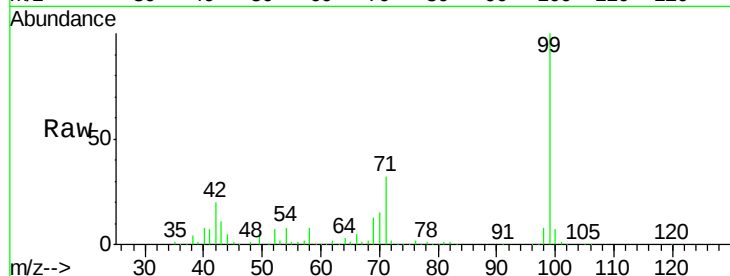
Tot Ion: 99 Resp: 625029

Ion Ratio Lower Upper

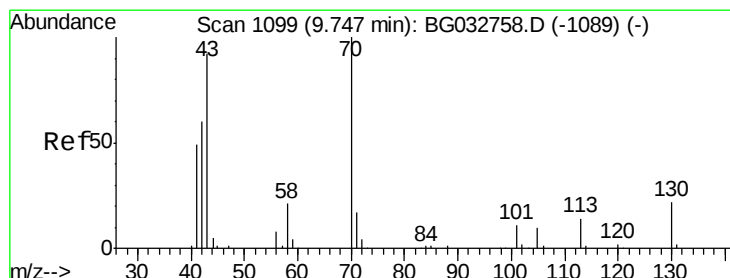
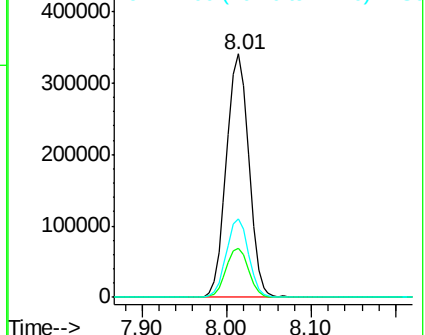
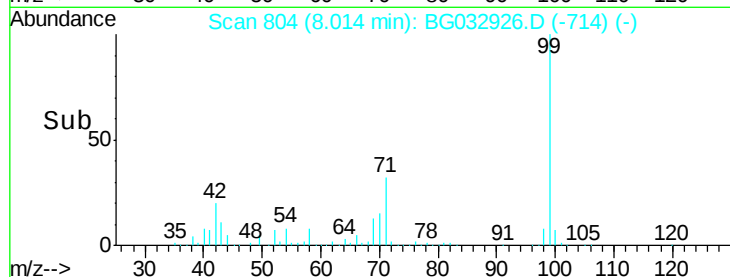
99 100

42 20.4 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: 15.472 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.39 min

Lab File: BG032926.D

Acq: 1 Mar 2018 20:45

Tgt Ion: 70 Resp: 55426

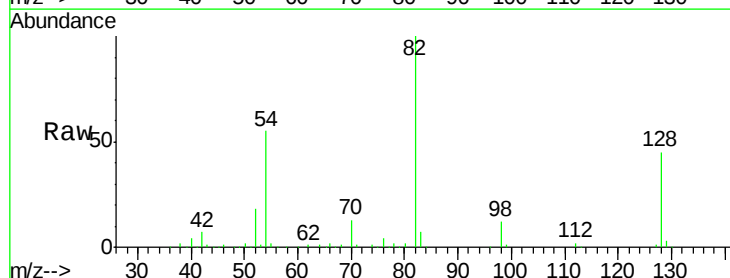
Ion Ratio Lower Upper

70 100

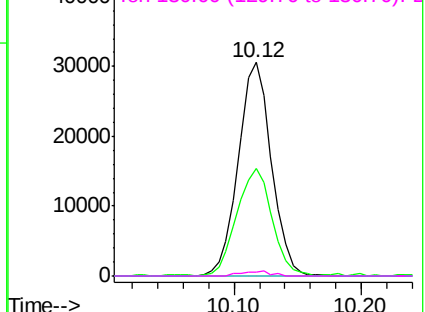
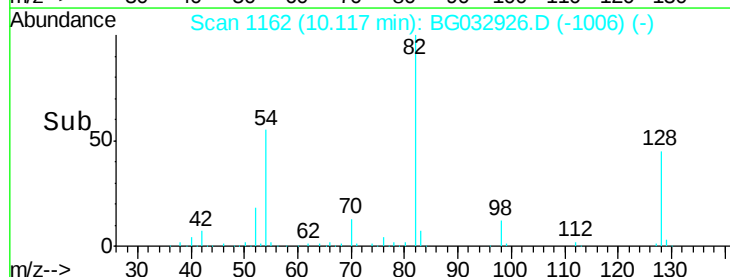
42 50.5 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 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

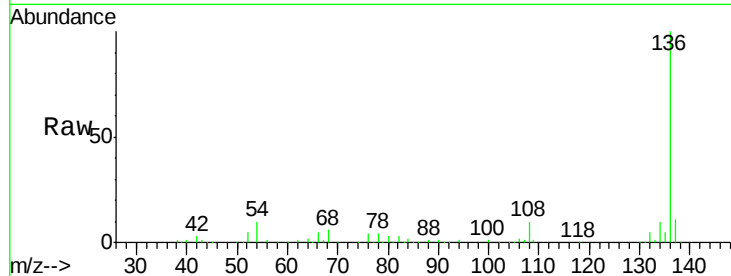




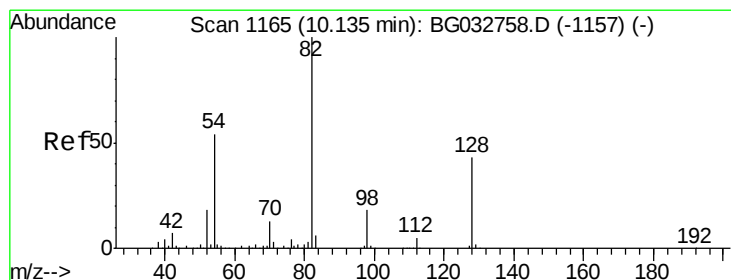
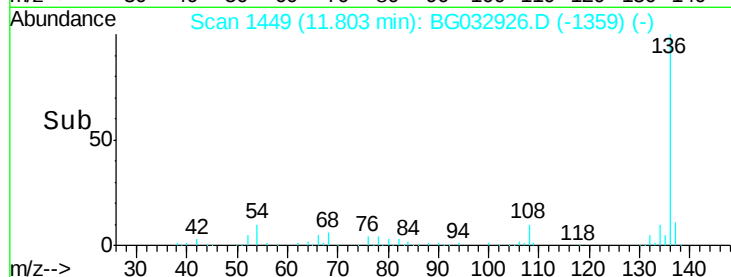
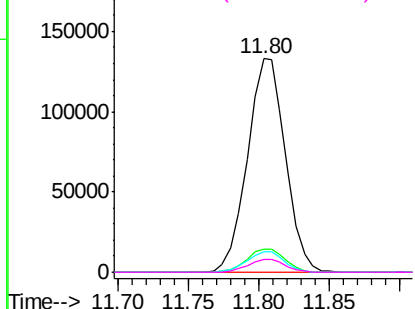
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	250421
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	9.9	10.3 15.5#
68	6.1	4.5 6.7

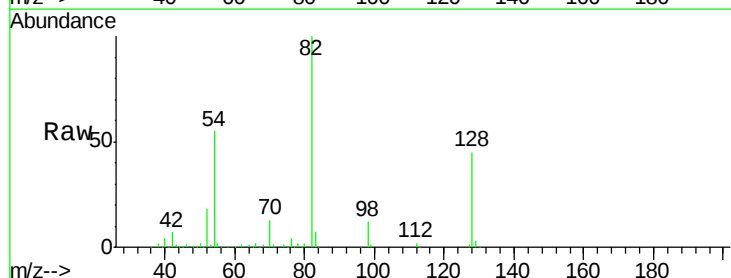


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

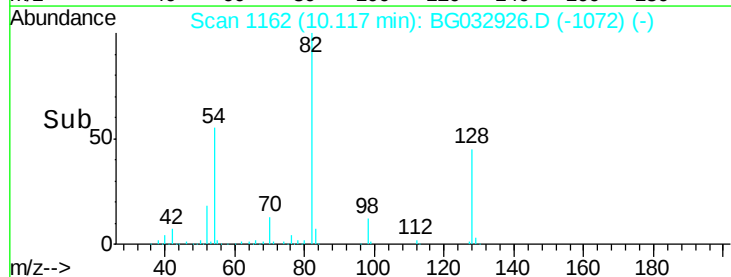
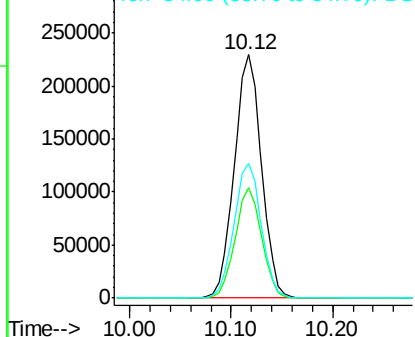


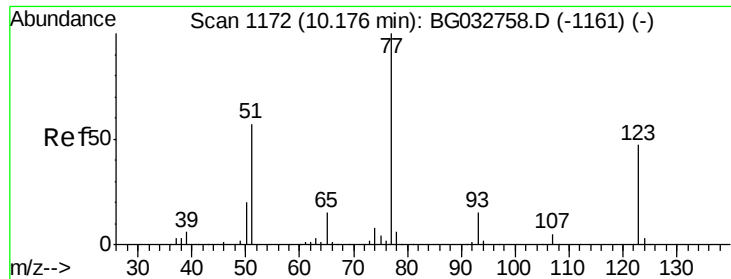
#23
Nitrobenzene-d5
Concen: 114.176 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Tgt Ion: 82	Resp:	425917
Ion Ratio	Lower	Upper
82	100	
128	45.2	29.7 44.5#
54	55.2	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

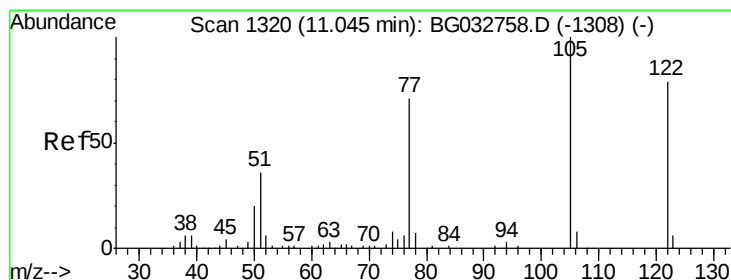
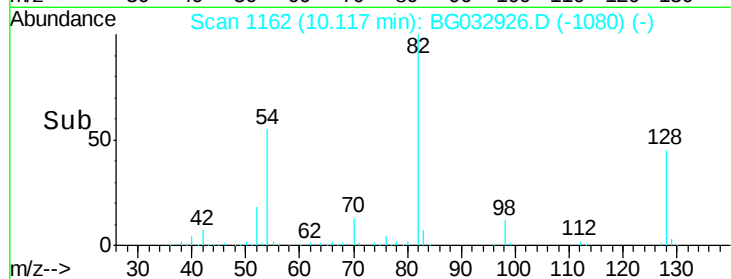
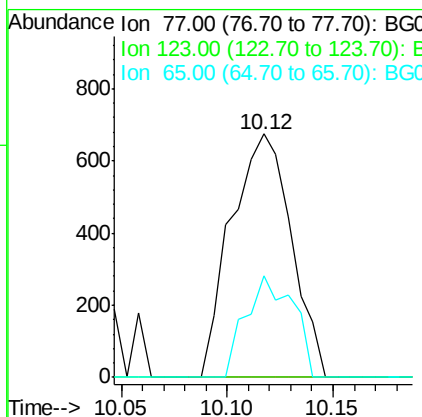
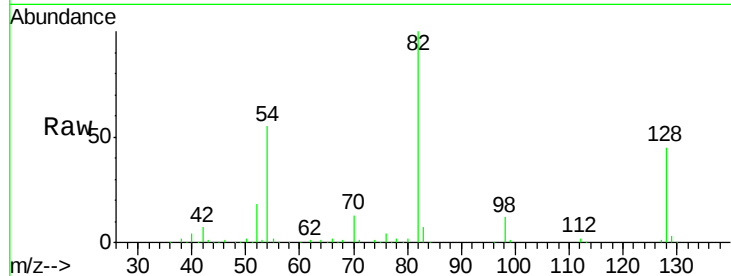




#24
 Nitrobenzene
 Concen: 6.670 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

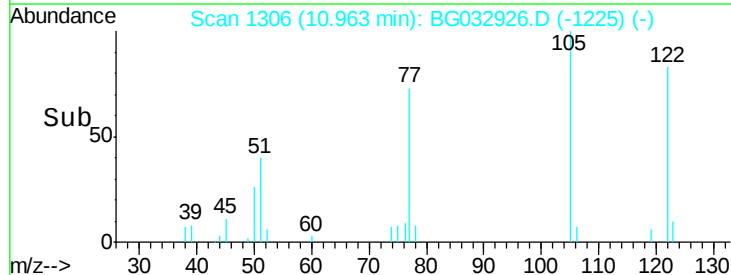
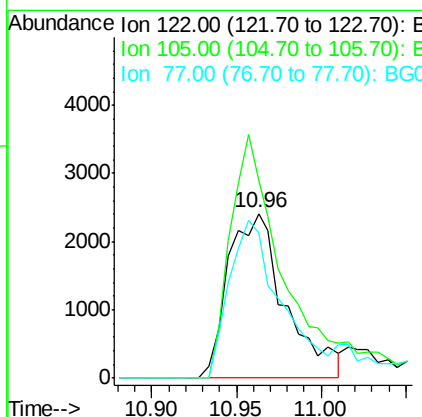
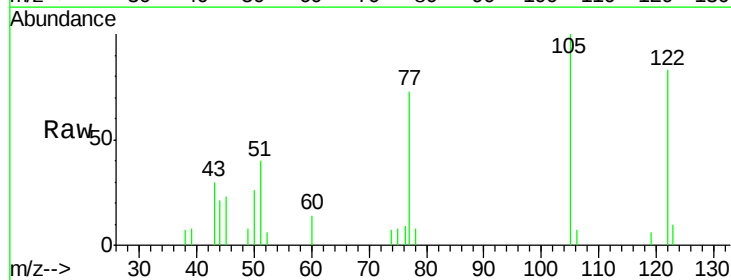
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 77 Resp: 1334
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 41.6 13.0 19.6#



#32
 Benzoic acid
 Concen: 8.657 ng
 RT: 10.96 min Scan# 1306
 Delta R.T. -0.05 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Tgt Ion: 122 Resp: 5659
 Ion Ratio Lower Upper
 122 100
 105 120.3 123.5 163.5#
 77 88.3 85.7 125.7

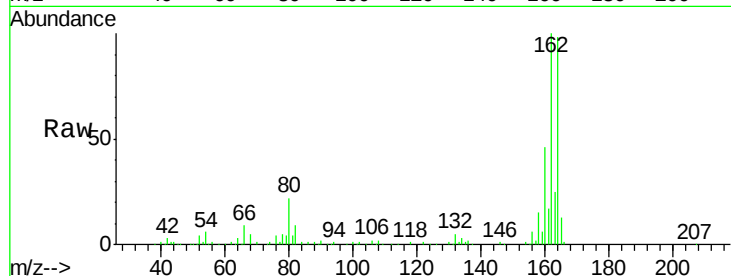




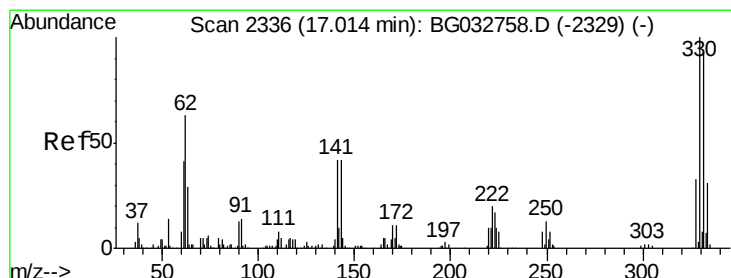
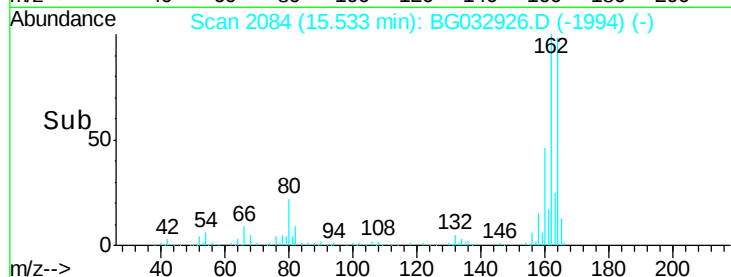
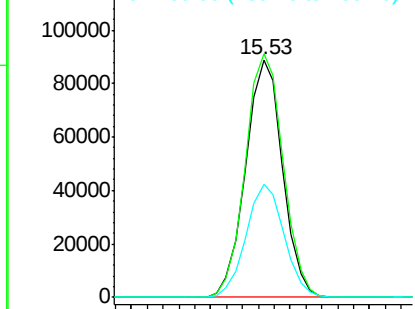
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 143368
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 47.5 35.4 53.0

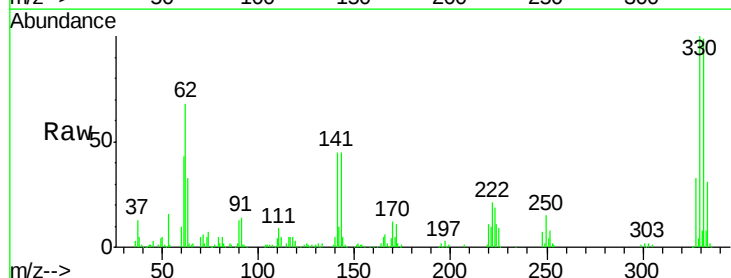


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

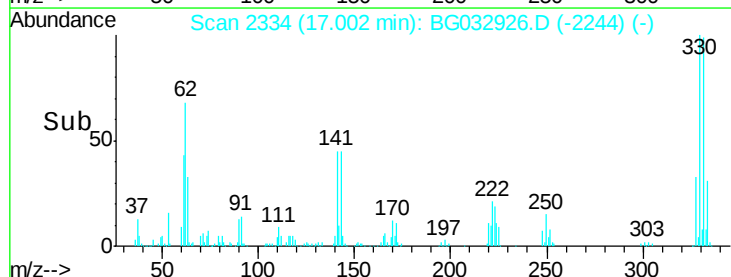
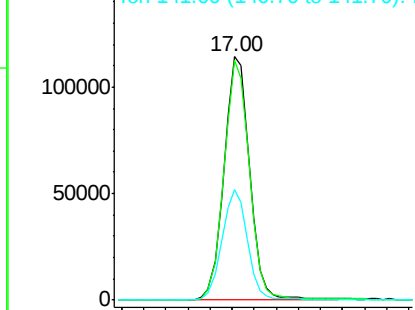


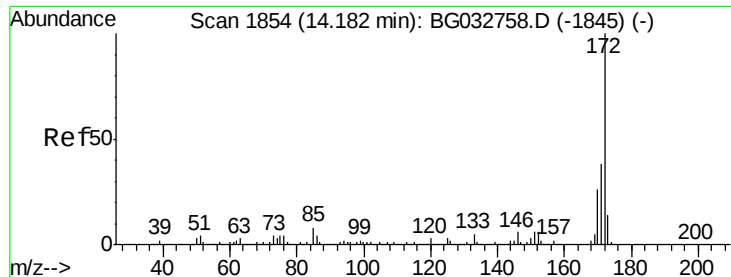
#41
 2,4,6-Tribromophenol
 Concen: 123.509 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Tgt Ion:330 Resp: 186185
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 44.9 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

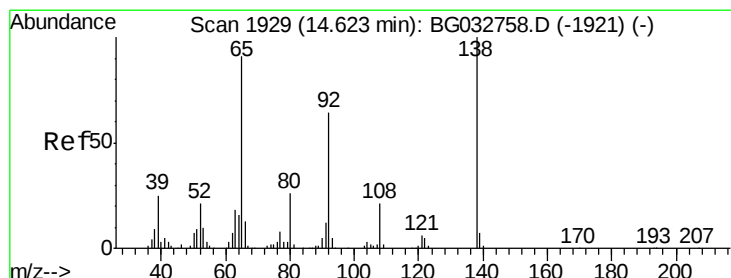
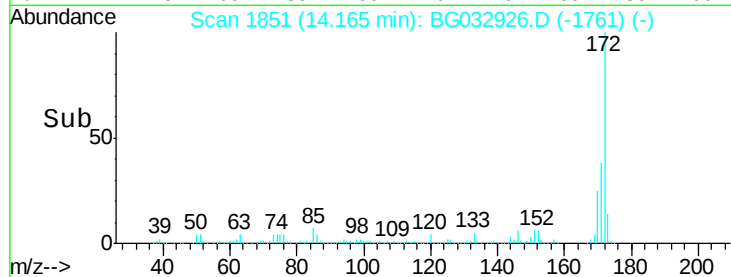
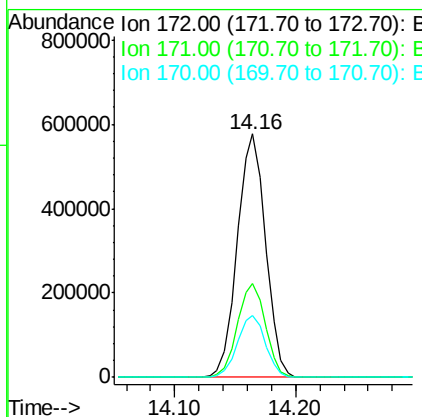
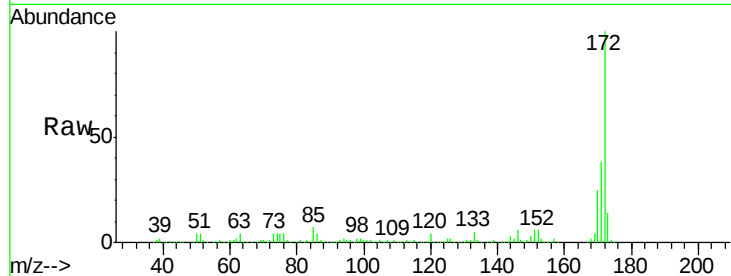




#44
 2-Fluorobiphenyl
 Concen: 94.482 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

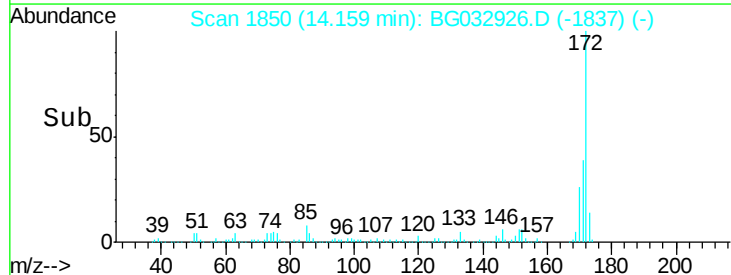
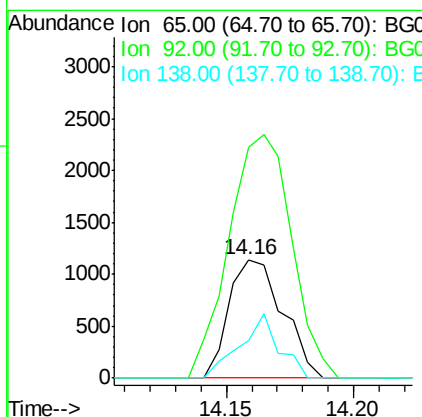
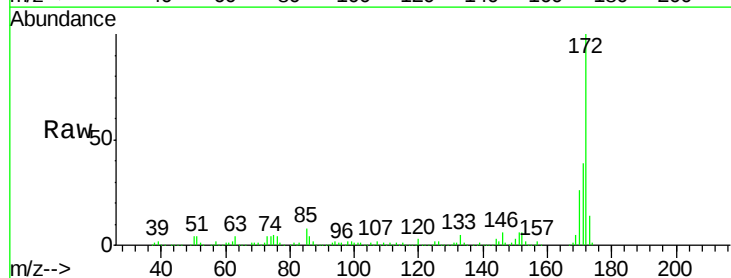
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 939204
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 25.4 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.401 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.45 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Tgt Ion: 65 Resp: 1678
 Ion Ratio Lower Upper
 65 100
 92 195.3 54.6 82.0#
 138 31.4 72.9 109.3#

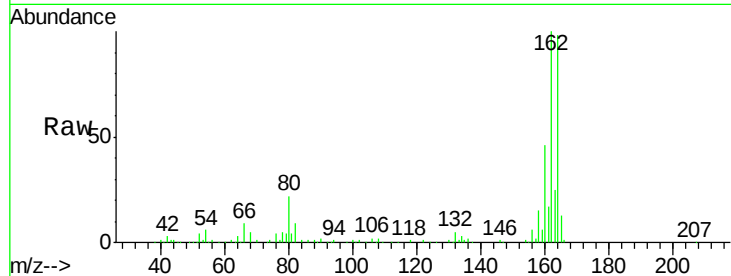




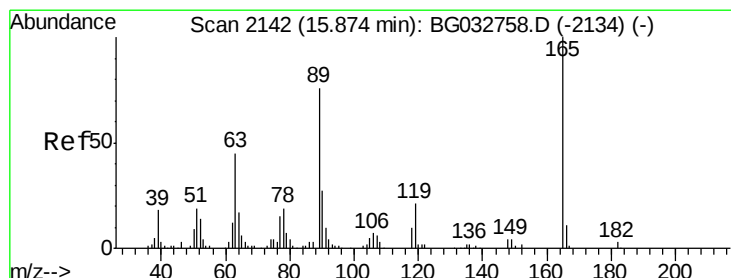
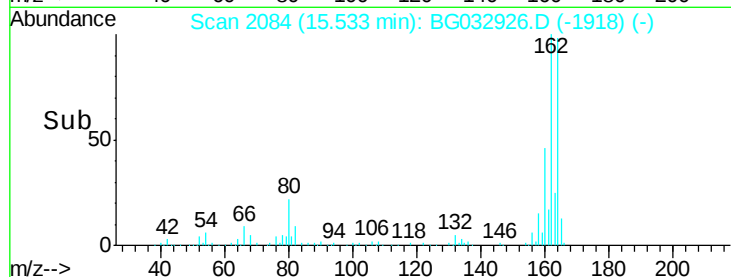
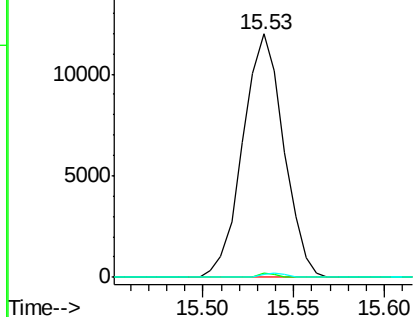
#50
2,6-Dinitrotoluene
Concen: 16.482 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18757
Ion Ratio Lower Upper
165 100
63 1.5 52.7 79.1#
89 1.4 49.2 73.8#

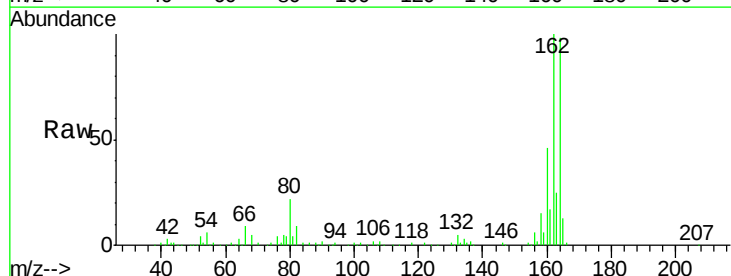


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

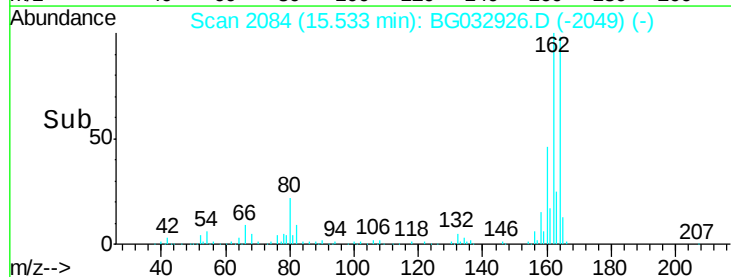
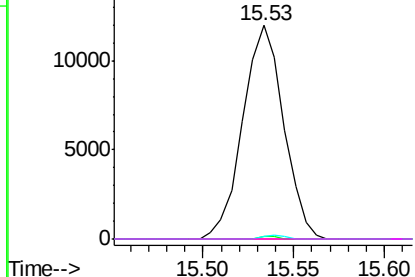


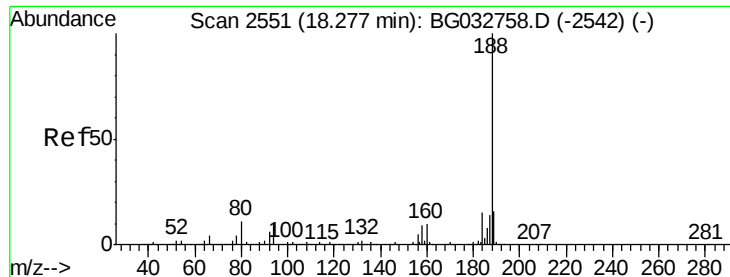
#56
2,4-Dinitrotoluene
Concen: 14.680 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Tgt Ion:165 Resp: 18757
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 1.4 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

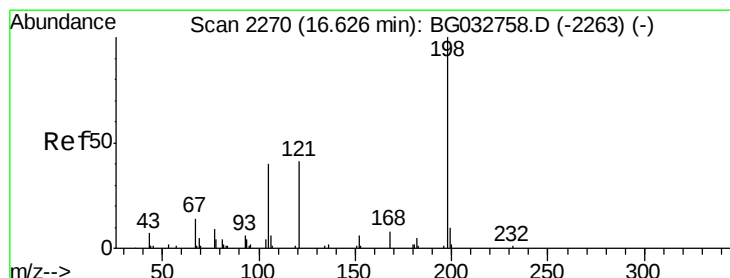
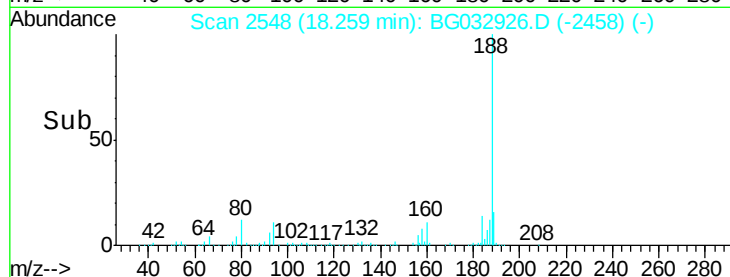
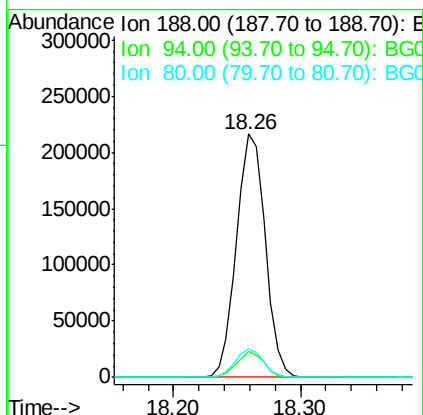
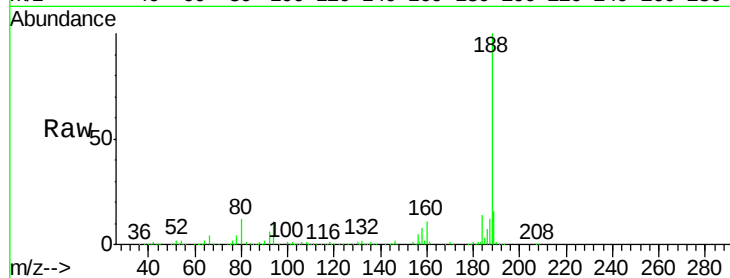




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

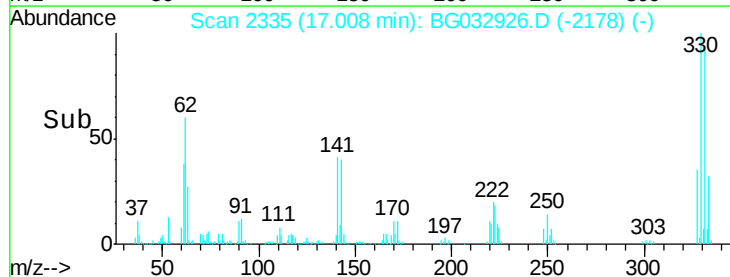
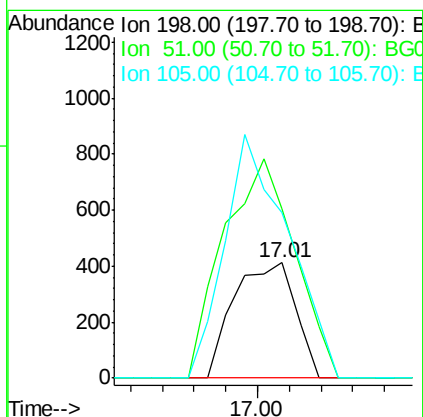
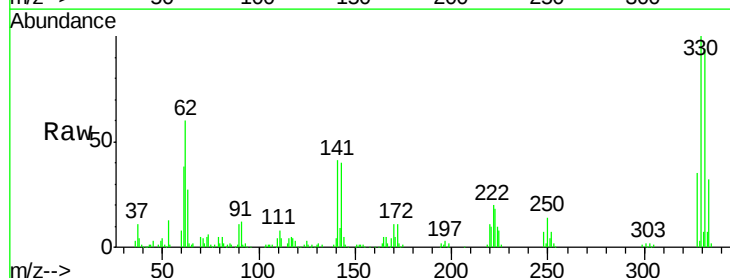
Instrument :
 BNA_G
 ClientSampled :

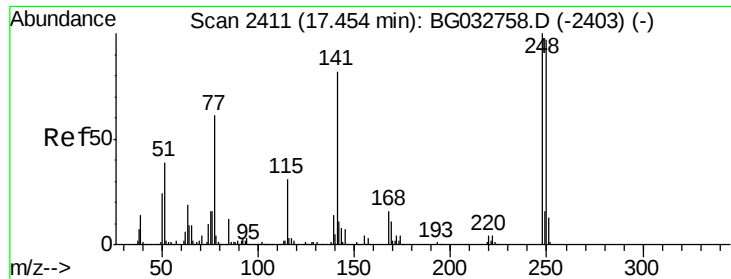
Tot Ion:188 Resp: 340982
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.9 10.3#
 80 11.7 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.639 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.39 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Tgt Ion:198 Resp: 554
 Ion Ratio Lower Upper
 198 100
 51 146.7 30.6 70.6#
 105 143.6 23.8 63.8#

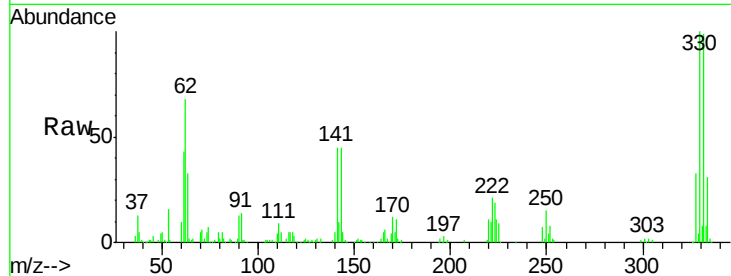




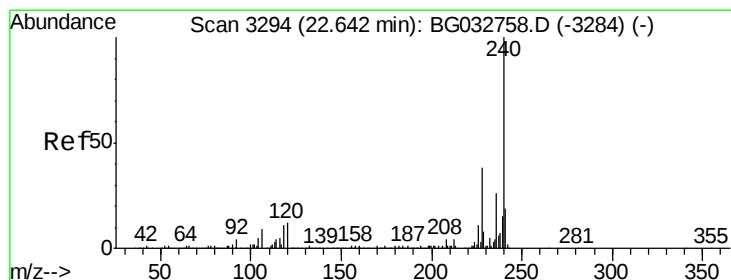
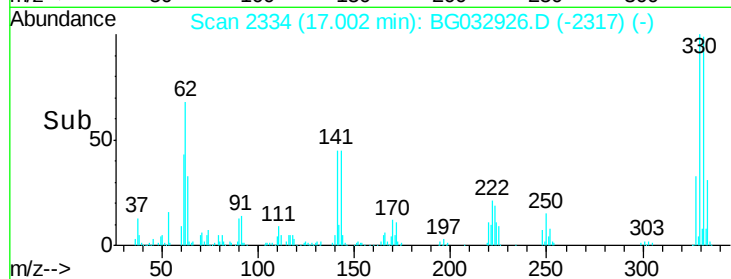
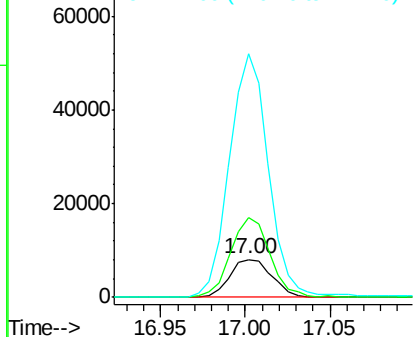
#66
4-Bromophenyl-phenylether
Concen: 3.895 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14043
Ion Ratio Lower Upper
248 100
250 209.6 77.1 115.7#
141 641.1 50.8 76.2#

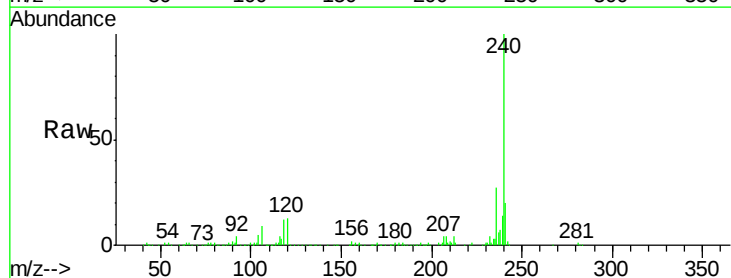


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

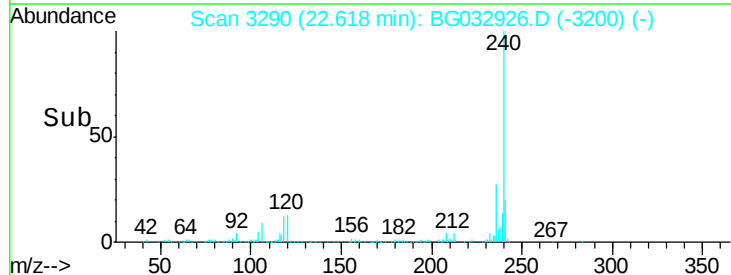
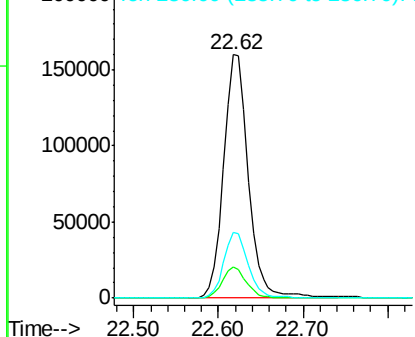


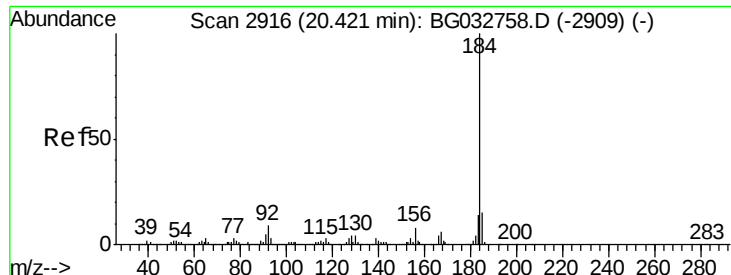
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Tgt Ion:240 Resp: 323483
Ion Ratio Lower Upper
240 100
120 12.7 6.8 10.2#
236 27.1 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

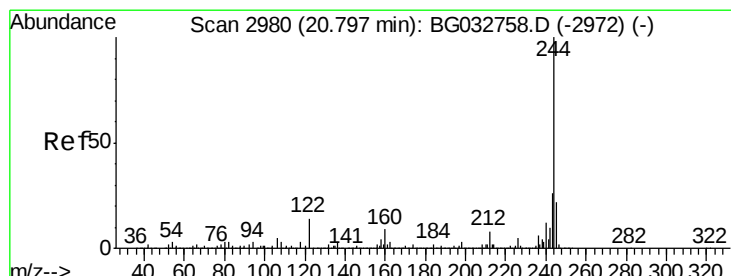
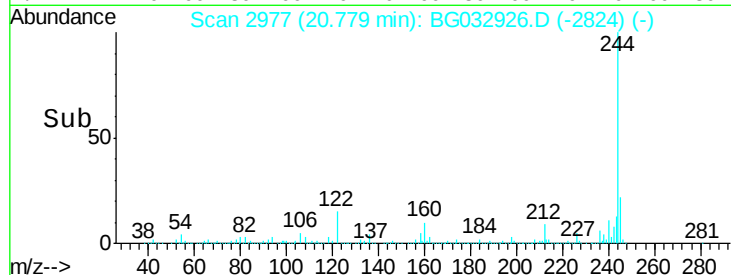
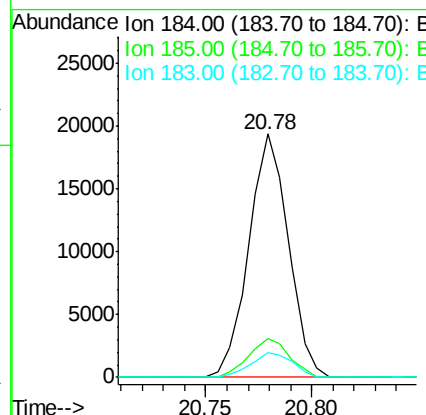
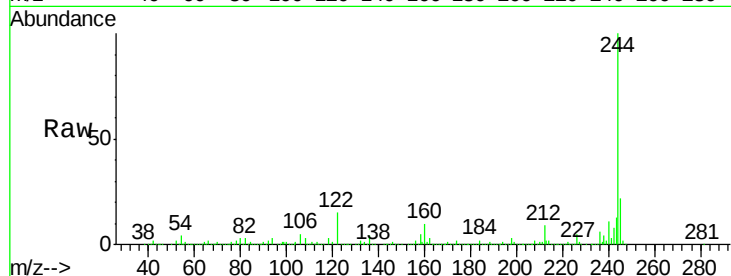




#76
Benzidine
Concen: 2.278 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.37 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

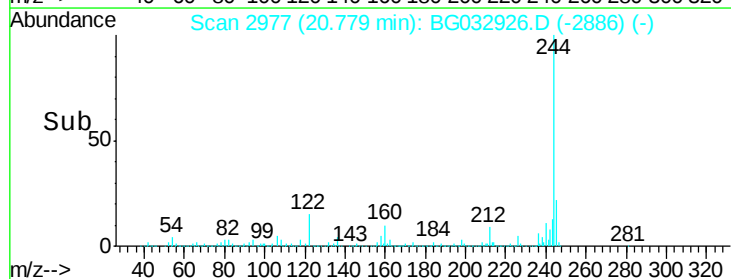
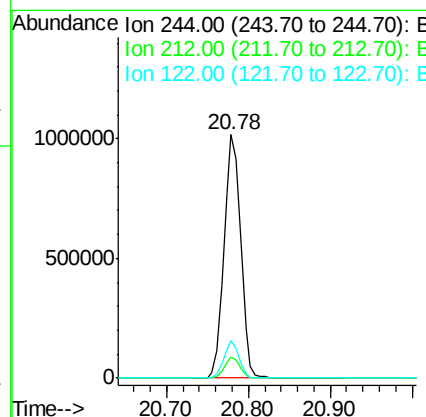
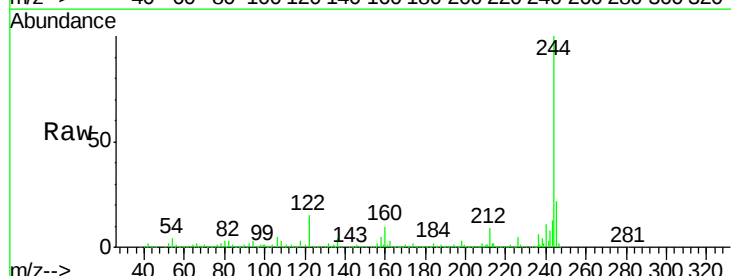
Instrument :
BNA_G
ClientSampled :

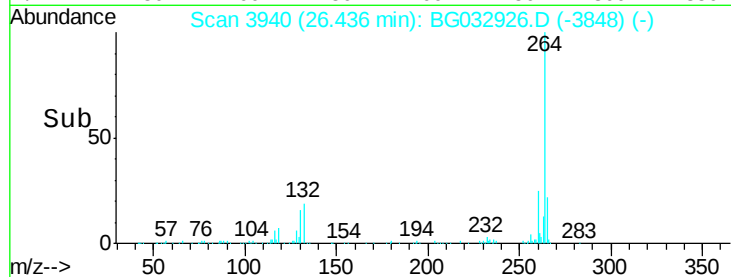
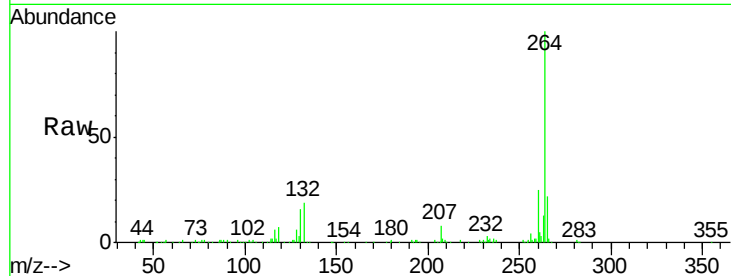
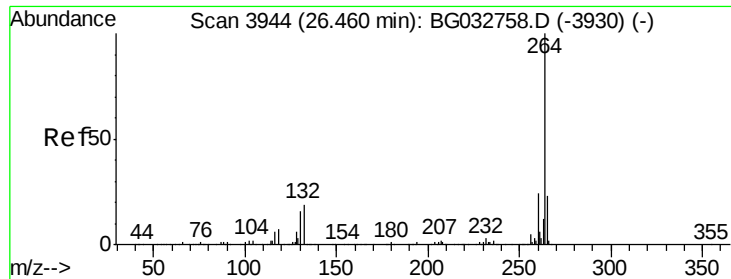
Tot Ion:184 Resp: 25121
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 10.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 100.413 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032926.D
Acq: 1 Mar 2018 20:45

Tgt Ion:244 Resp: 1445737
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 15.3 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.44 min Scan# 3940
 Delta R.T. 0.01 min
 Lab File: BG032926.D
 Acq: 1 Mar 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.5	17.7	26.5

