

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032909.D
 Acq On : 1 Mar 2018 5:56
 Operator : SJ/JU
 Sample : J1710-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 07:42:45 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

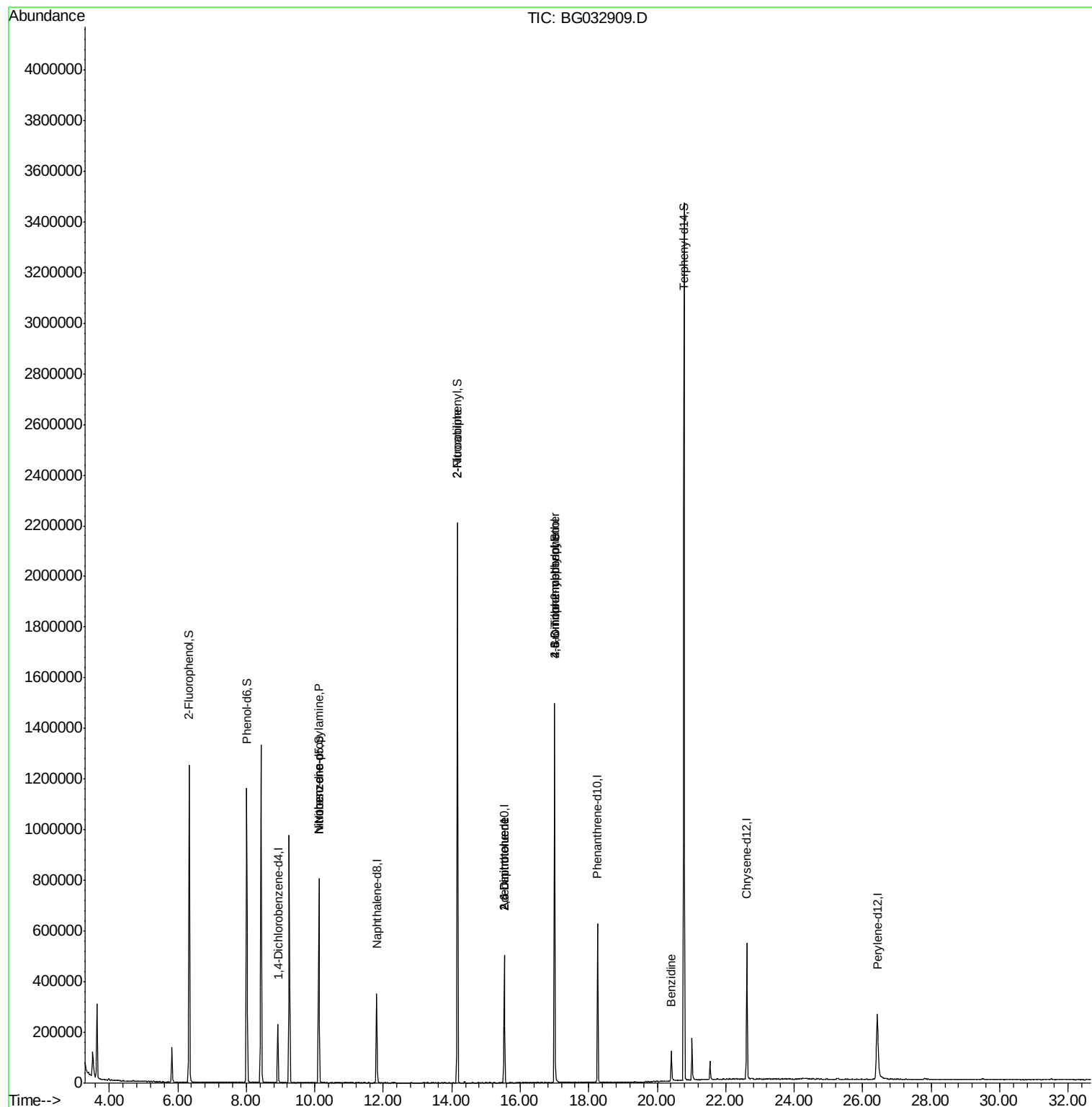
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	70359	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	305833	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	171929	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	384073	20.00	ng	0.00
75) Chrysene-d12	22.61	240	344513	20.00	ng	-0.02
86) Perylene-d12	26.43	264	346444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	614681	139.77	ng	0.00
7) Phenol-d6	8.02	99	750971	122.51	ng	0.00
23) Nitrobenzene-d5	10.12	82	514500	113.04	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	263327	145.66	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1135748	95.27	ng	0.00
78) Terphenyl-d14	20.78	244	1568354	102.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	66567	15.382	ng	# 84
24) Nitrobenzene	10.12	77	1599	6.665	ng	# 30
47) 2-Nitroaniline	14.16	65	1945	10.382	ng	# 8
50) 2,6-Dinitrotoluene	15.53	165	21742	16.228	ng	# 20
56) 2,4-Dinitrotoluene	15.53	165	21742	14.425	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	740	5.767	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	19173	4.721	ng	# 1
76) Benzidine	20.41	184	82075	6.989	ng	96

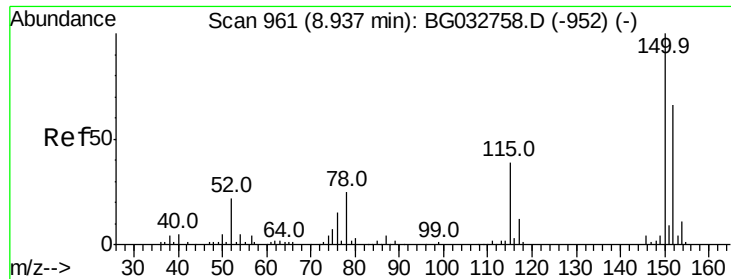
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032909.D
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Sample : J1710-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 07:42:45 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
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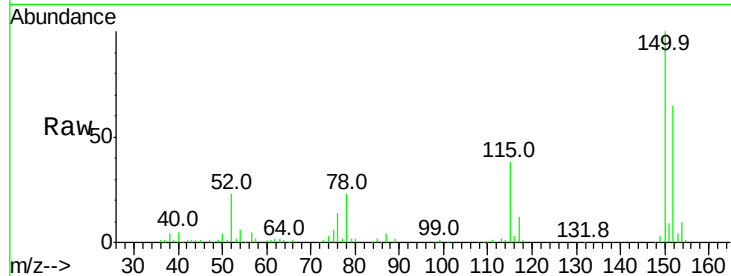


#1

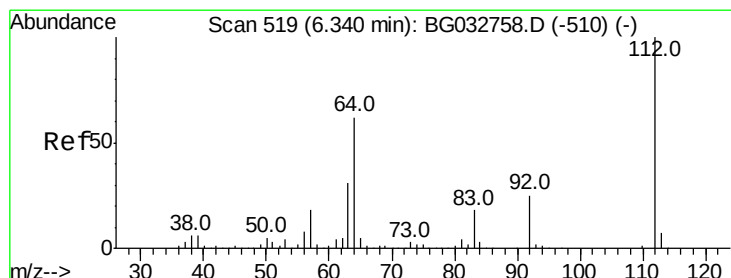
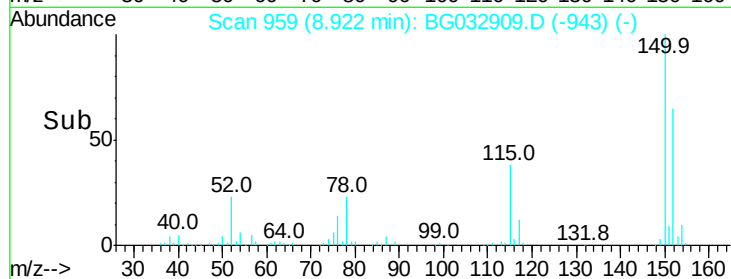
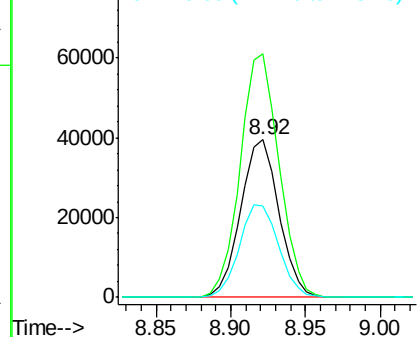
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70359
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 58.1 53.0 79.4



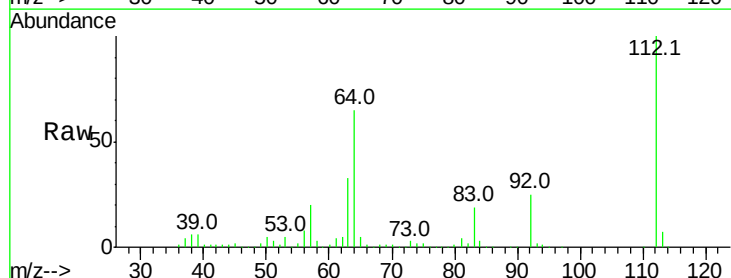
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



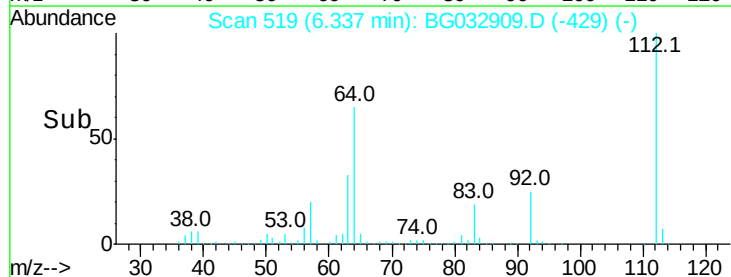
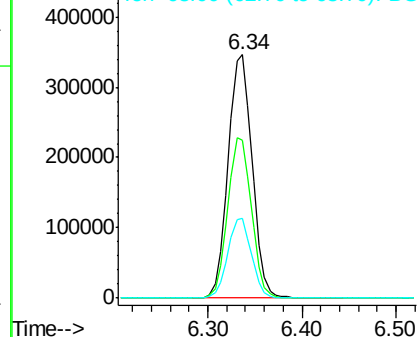
#5

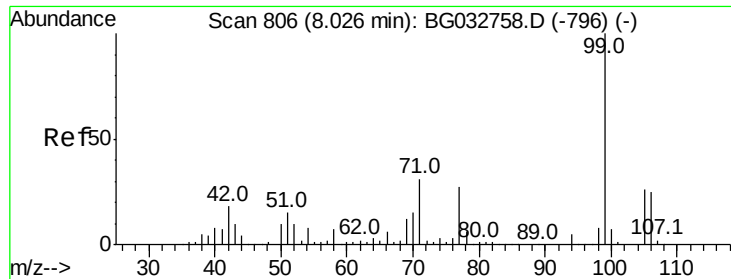
2-Fluorophenol
Concen: 139.769 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:112 Resp: 614681
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 32.7 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: 122.508 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_F

ClientSampleId :

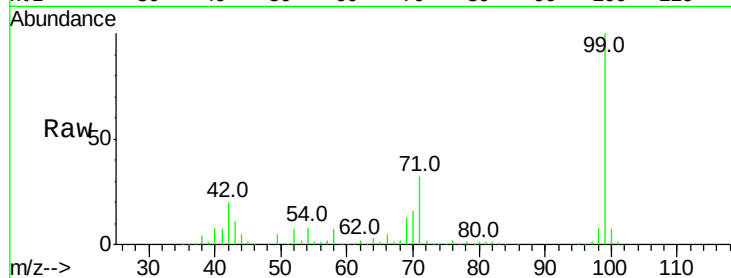
Tot Ion: 99 Resp: 750971

Ion Ratio Lower Upper

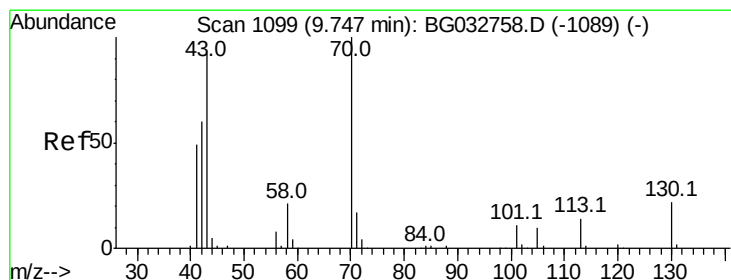
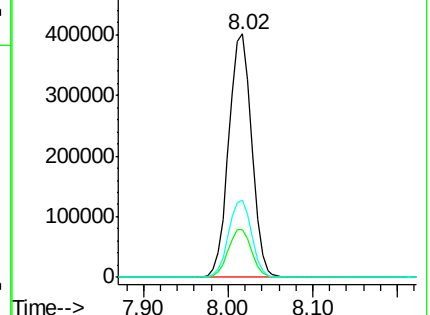
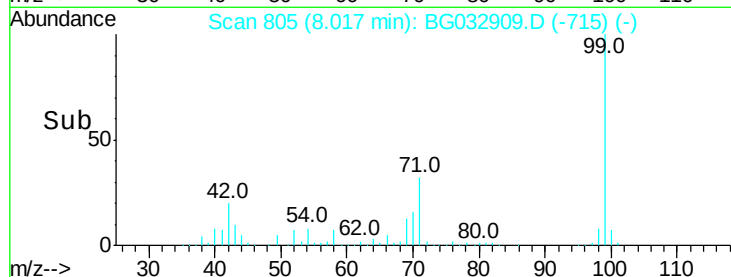
99 100

42 19.6 14.1 21.1

71 31.7 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: 15.382 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Tgt Ion: 70 Resp: 66567

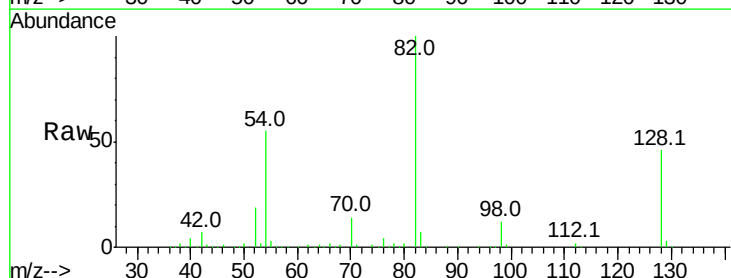
Ion Ratio Lower Upper

70 100

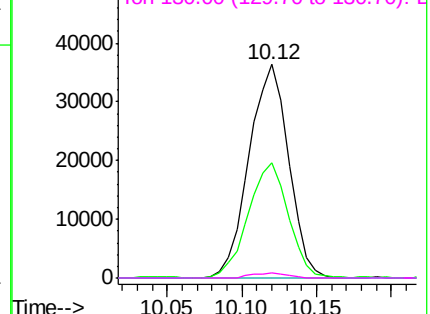
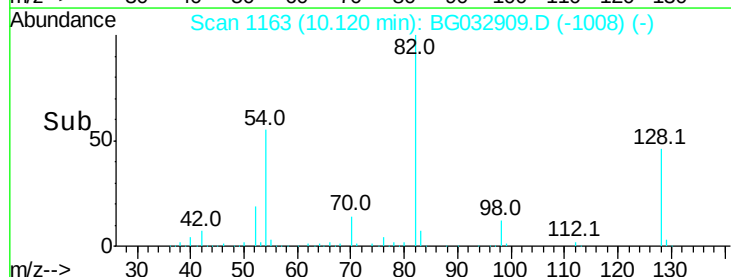
42 53.9 49.1 73.7

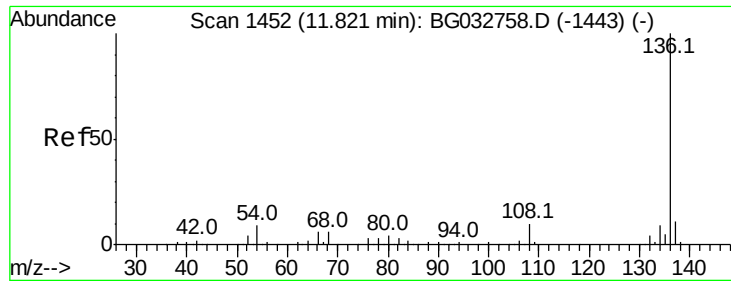
101 0.0 8.5 12.7#

130 2.3 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

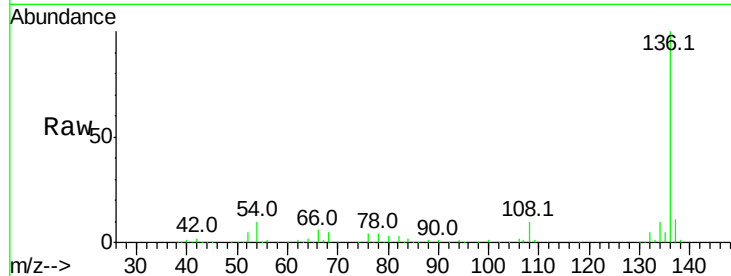




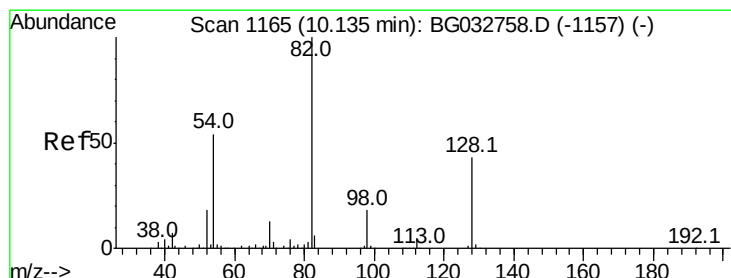
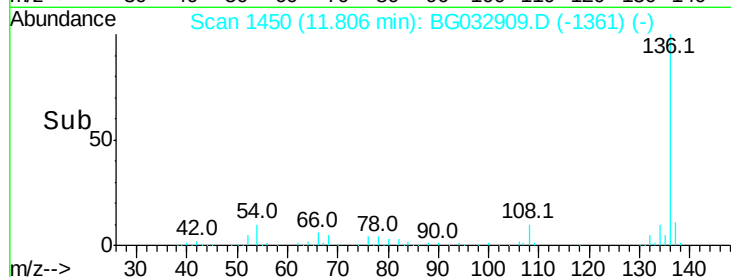
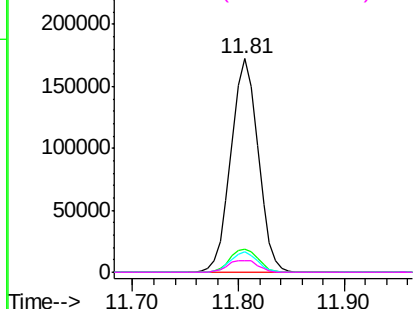
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	305833
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	9.6	10.3	15.5#
68	5.4	4.5	6.7

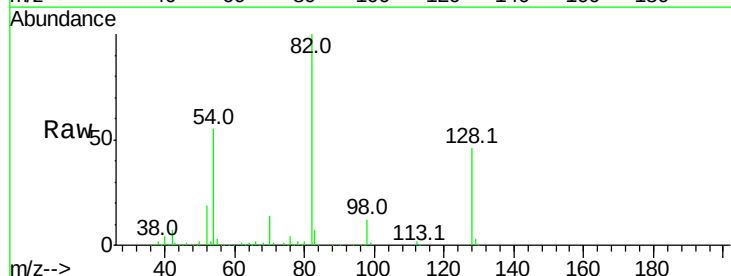


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

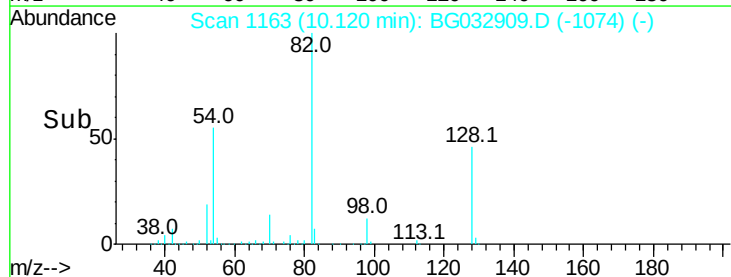
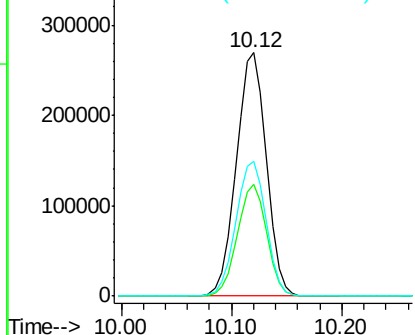


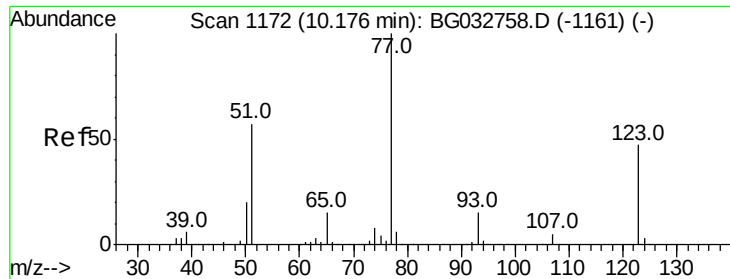
#23
Nitrobenzene-d5
Concen: 113.041 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:	82	Resp:	514500
Ion Ratio	Lower	Upper	
82	100		
128	45.8	29.7	44.5#
54	55.3	43.1	64.7



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





#24

Nitrobenzene

Concen: 6.665 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_F

ClientSampleId :

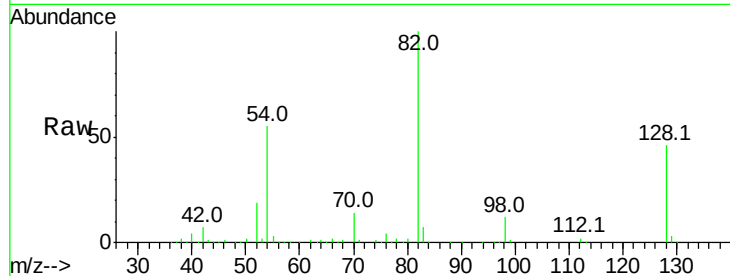
Tot Ion: 77 Resp: 1599

Ion Ratio Lower Upper

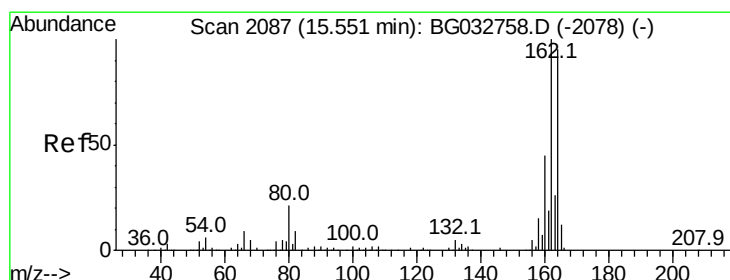
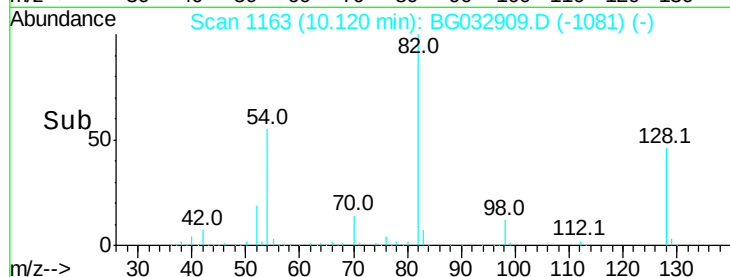
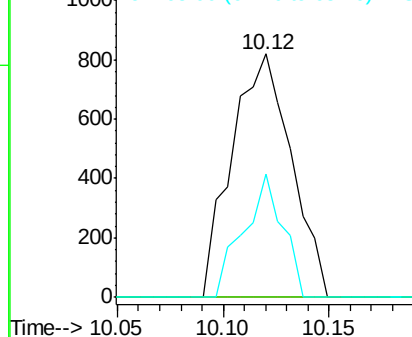
77 100

123 0.0 33.0 49.6#

65 50.6 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: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

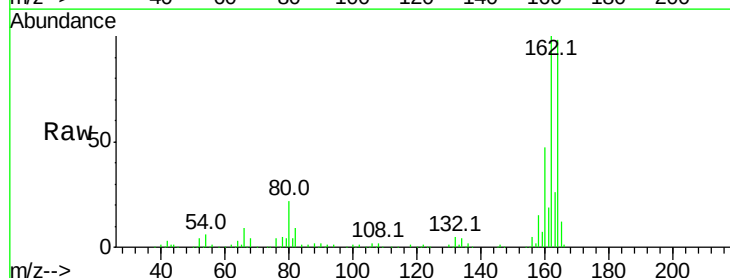
Tgt Ion:164 Resp: 171929

Ion Ratio Lower Upper

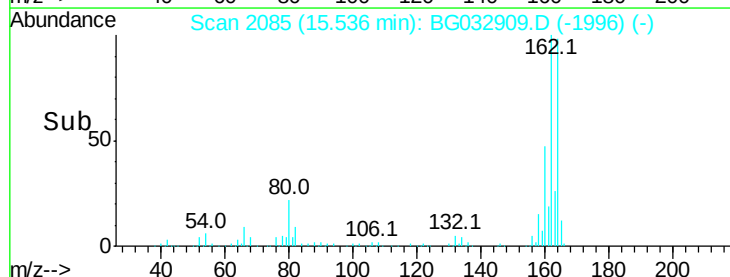
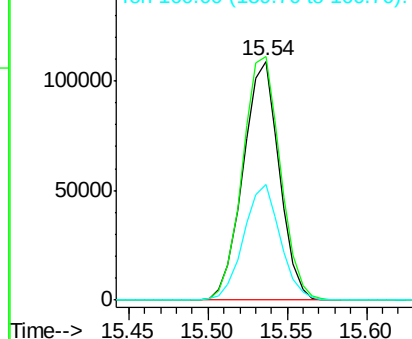
164 100

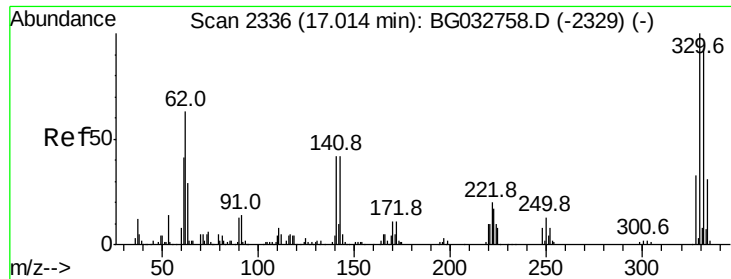
162 101.9 78.8 118.2

160 48.1 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

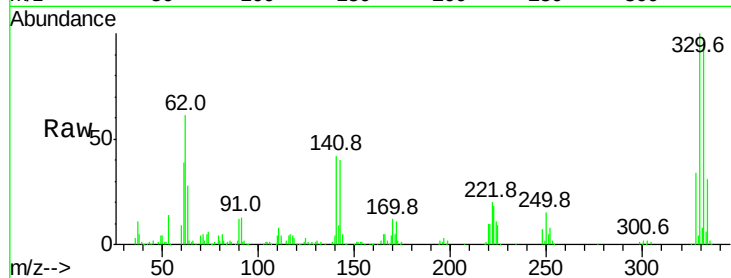




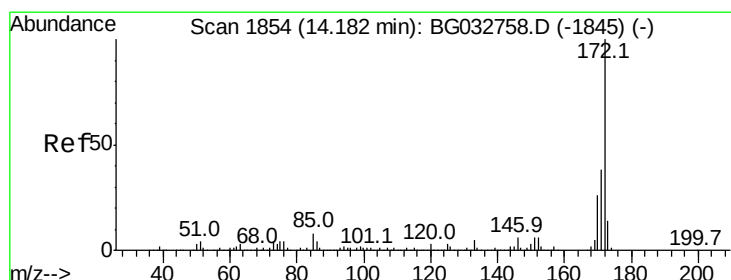
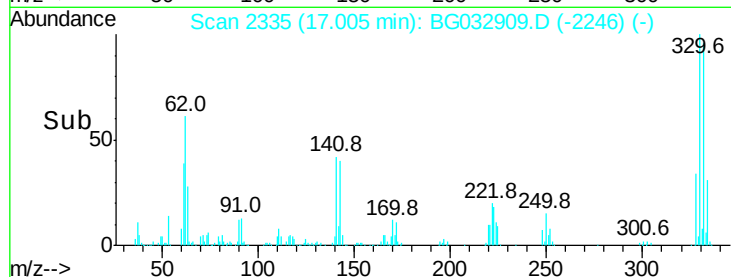
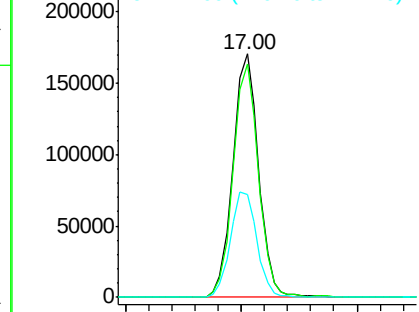
#41
 2,4,6-Tribromophenol
 Concen: 145.664 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 263327
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 44.7 25.2 37.8#

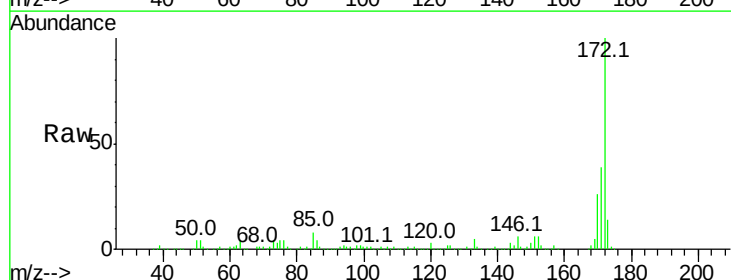


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

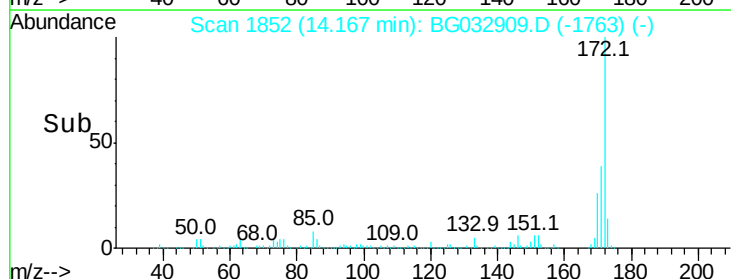
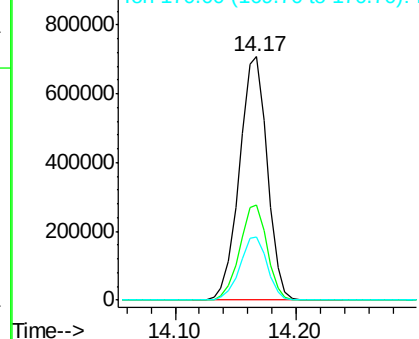


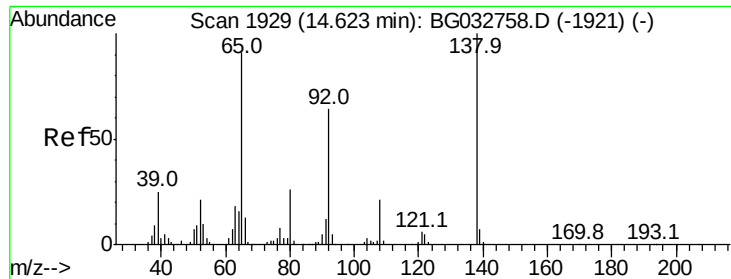
#44
 2-Fluorobiphenyl
 Concen: 95.274 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Tgt Ion:172 Resp: 1135748
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 25.8 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

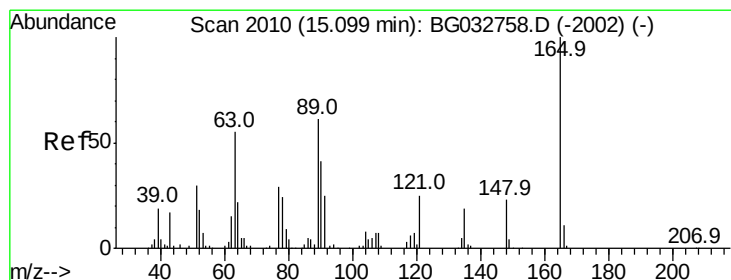
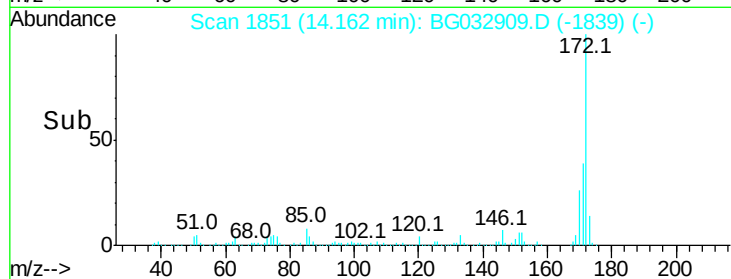
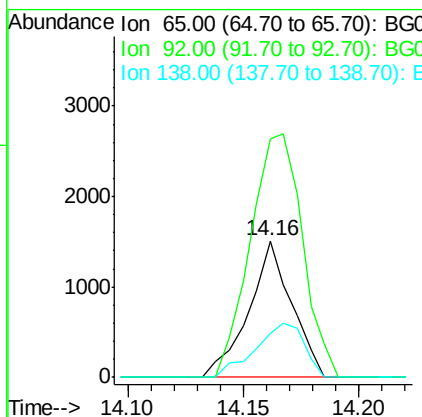
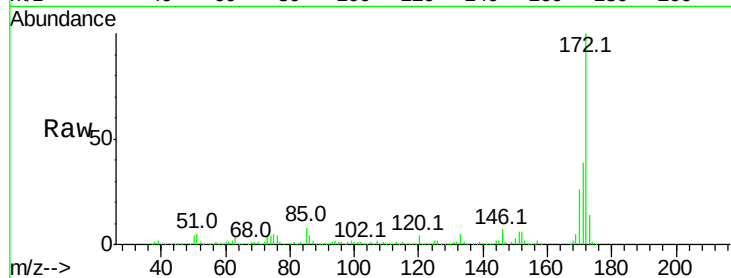




#47
 2-Nitroaniline
 Concen: 10.382 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.46 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

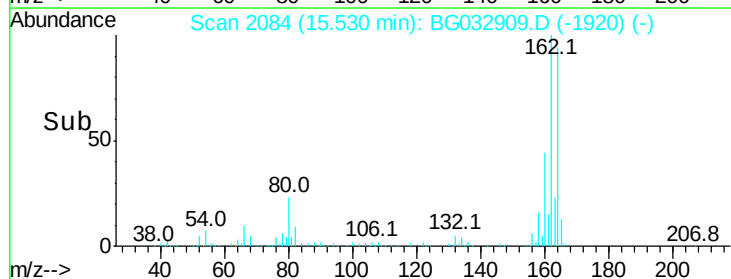
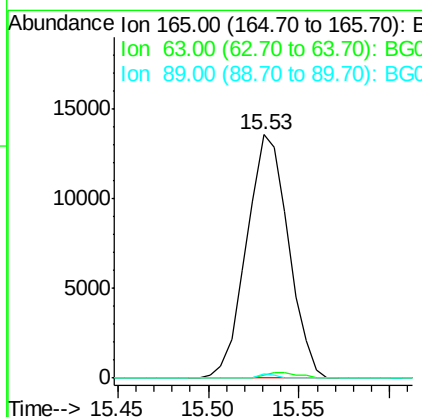
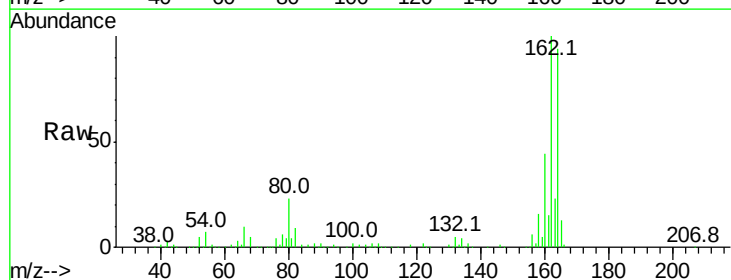
Instrument :
 BNA_F
 ClientSampled :

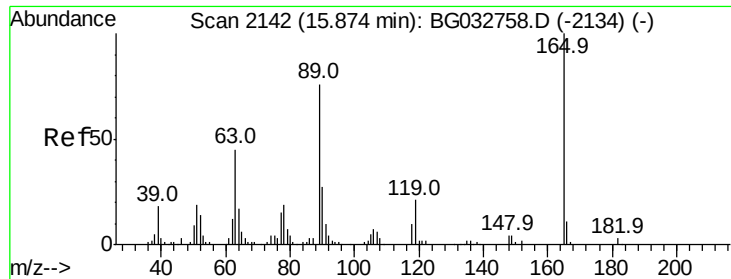
Tot Ion: 65 Resp: 1945
 Ion Ratio Lower Upper
 65 100
 92 175.0 54.6 82.0#
 138 32.3 72.9 109.3#



#50
 2,6-Dinitrotoluene
 Concen: 16.228 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. 0.44 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Tgt Ion:165 Resp: 21742
 Ion Ratio Lower Upper
 165 100
 63 1.3 52.7 79.1#
 89 1.8 49.2 73.8#

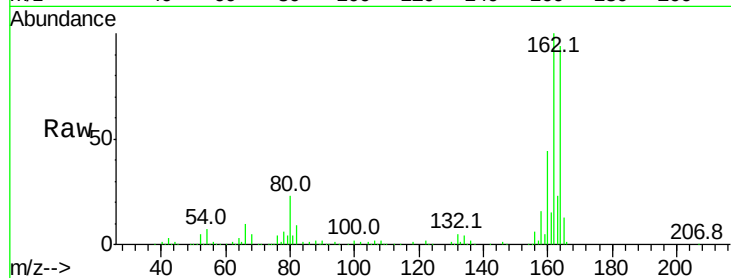




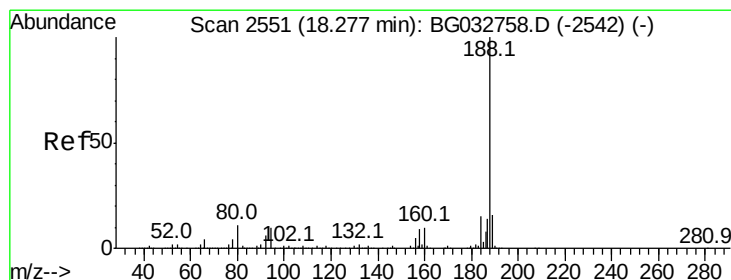
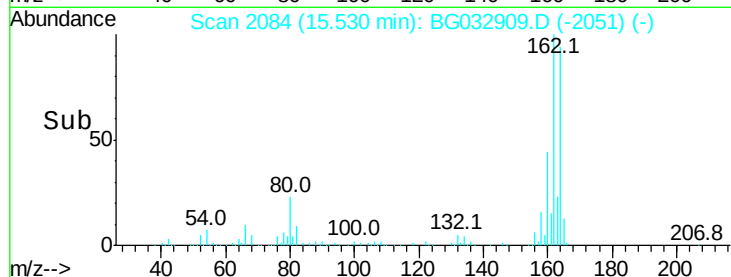
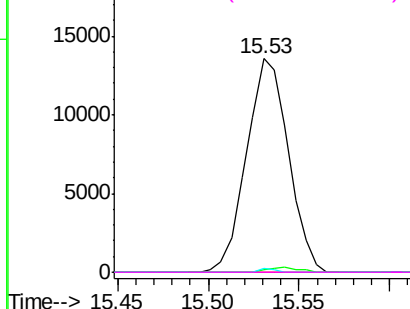
#56
2,4-Dinitrotoluene
Concen: 14.425 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21742
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

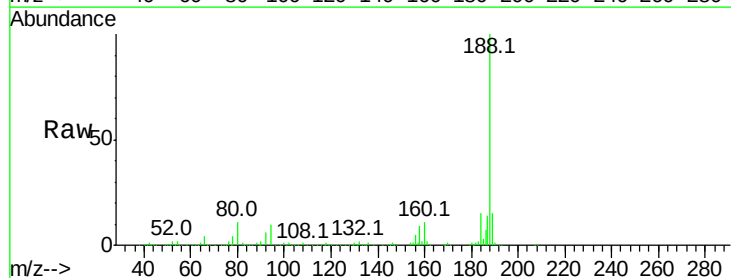


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

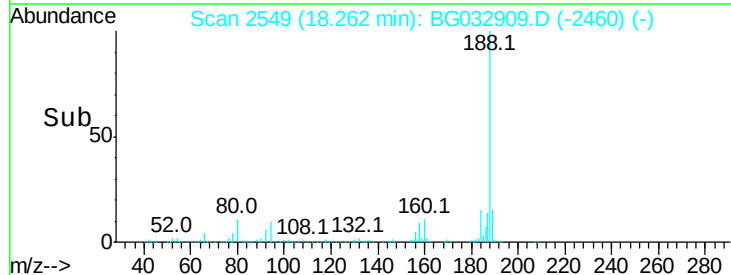
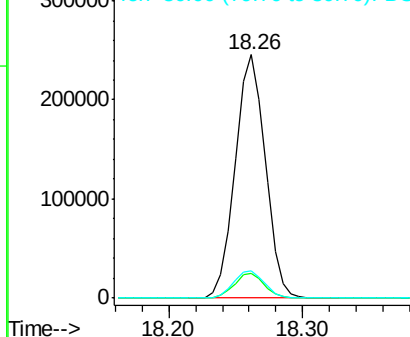


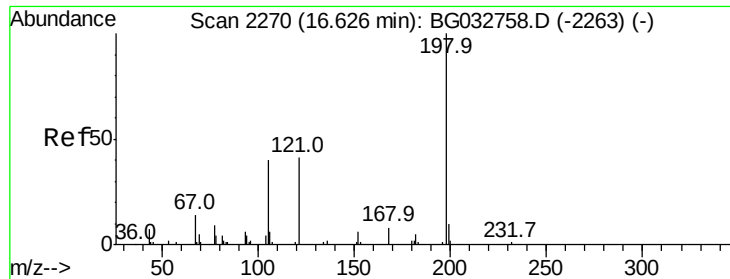
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:188 Resp: 384073
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.1 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

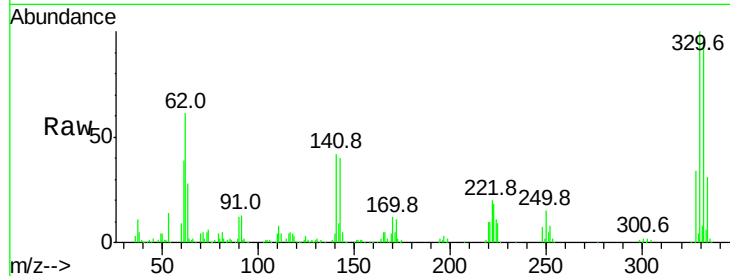




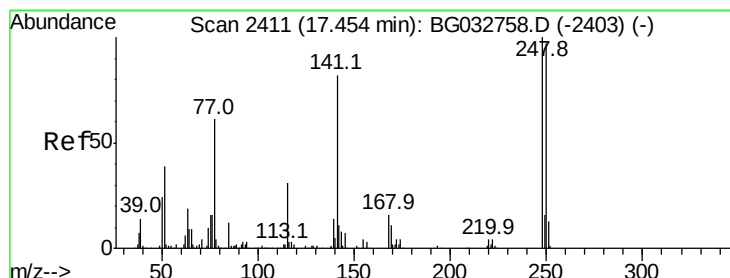
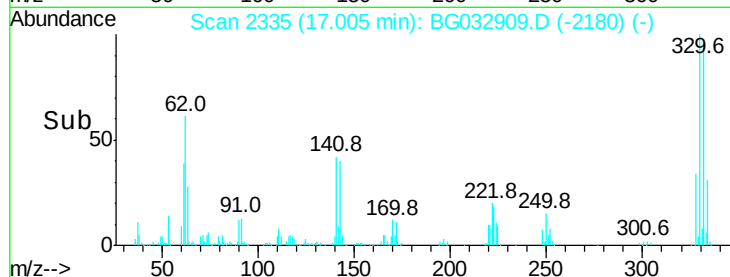
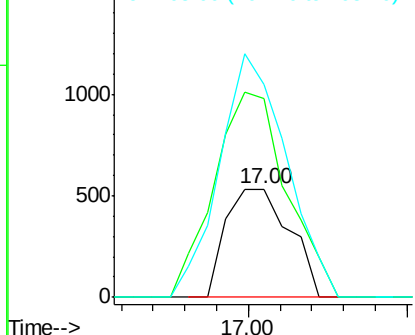
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.767 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 740
 Ion Ratio Lower Upper
 198 100
 51 184.1 30.6 70.6#
 105 197.0 23.8 63.8#

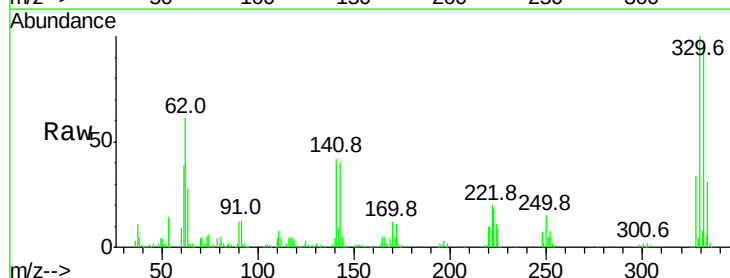


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

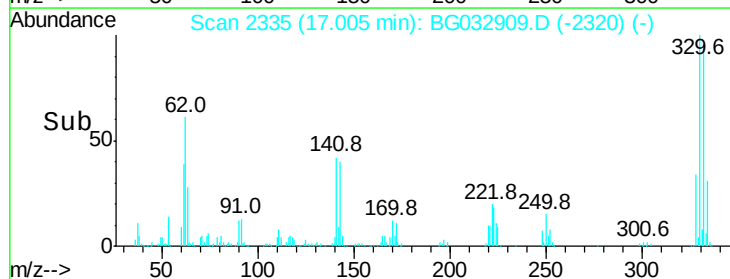
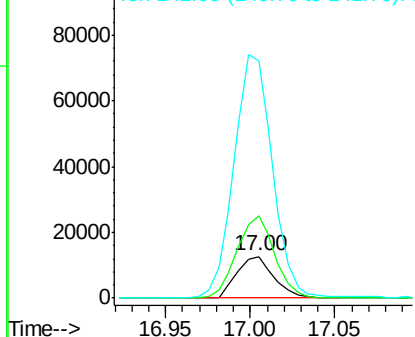


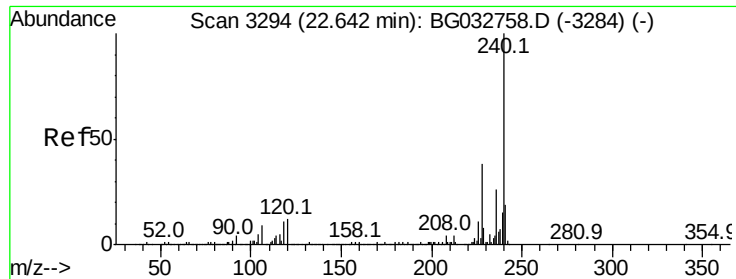
#66
 4-Bromophenyl-phenylether
 Concen: 4.721 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Tgt Ion:248 Resp: 19173
 Ion Ratio Lower Upper
 248 100
 250 197.9 77.1 115.7#
 141 570.1 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: 22.61 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_F

ClientSampleId :

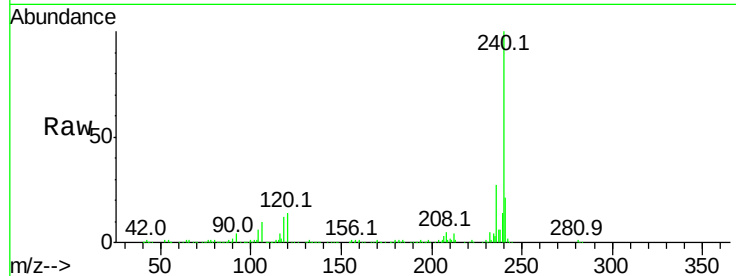
Tot Ion:240 Resp: 344513

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

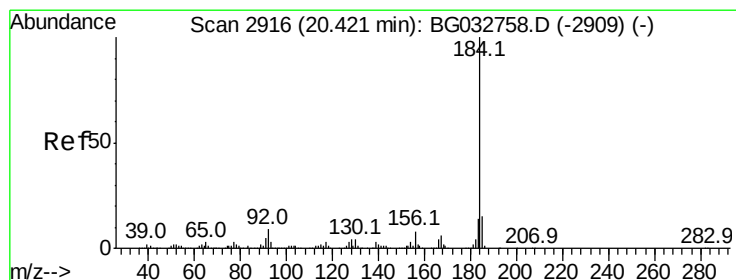
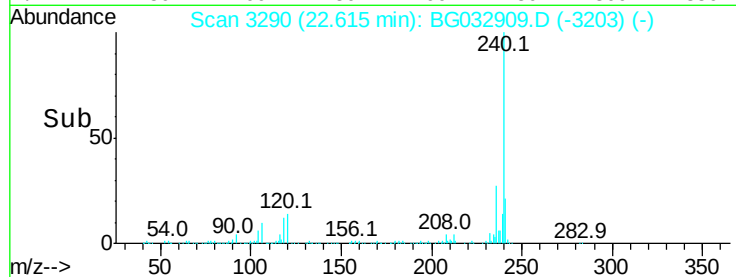
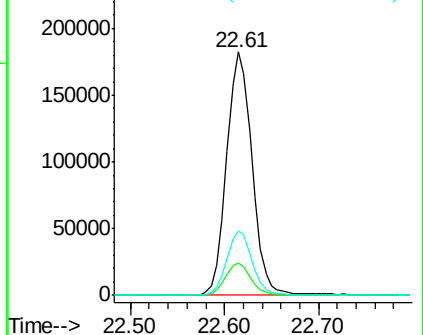
236 26.7 20.9 31.3



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: 6.989 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

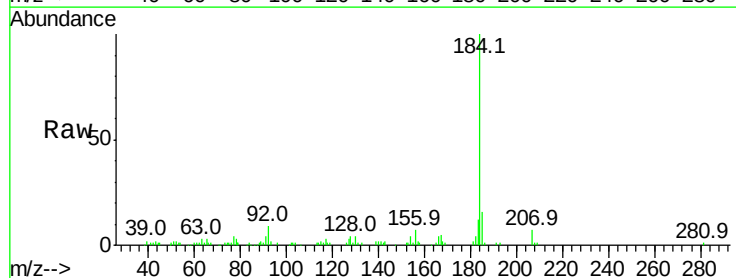
Tgt Ion:184 Resp: 82075

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

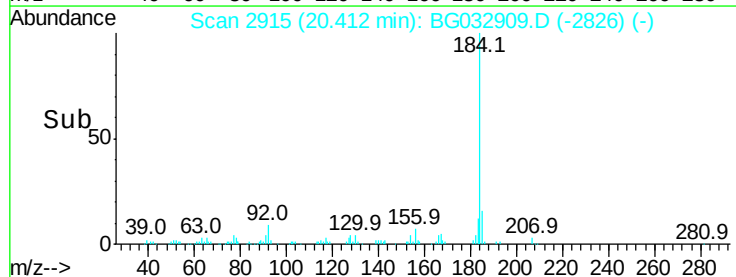
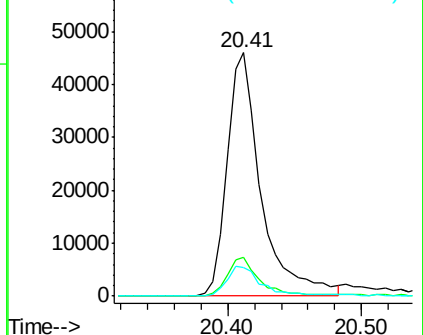
183 12.0 10.6 16.0

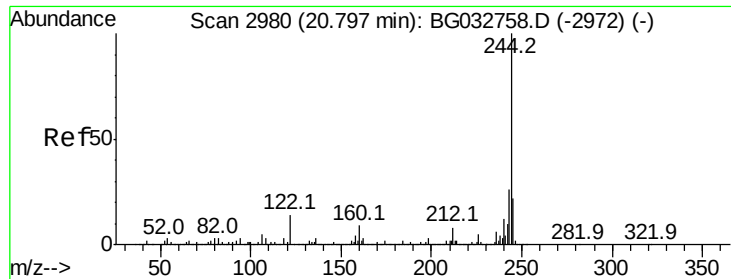


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



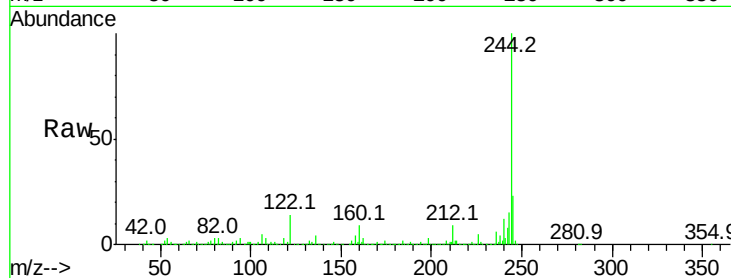


#78
 Terphenyl-d14
 Concen: 102.280 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

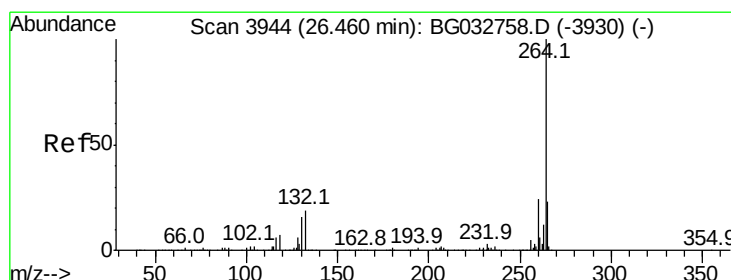
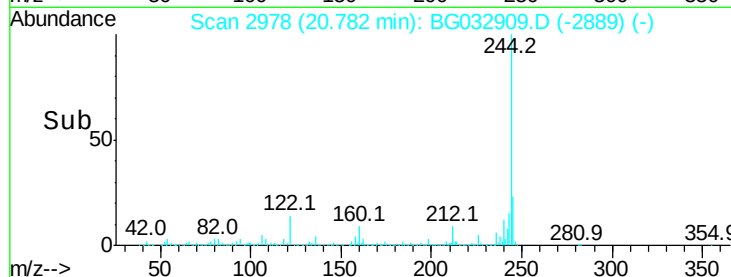
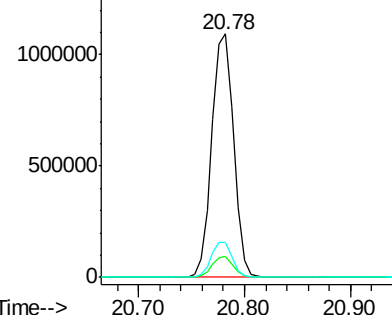
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1568354

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	14.1	7.0	10.4



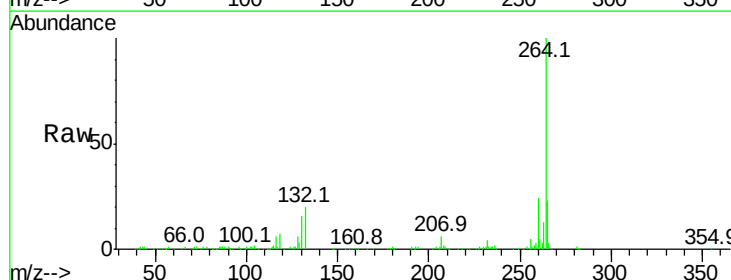
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Tgt Ion:264 Resp: 346444

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.5	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

