

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032997.D
 Acq On : 5 Mar 2018 19:44
 Operator : SJ/JU
 Sample : PB107049BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 01:26:48 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	8.91	152	57051	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	254458	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	144138	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	329779	20.00	ng	0.00
75) Chrysene-d12	22.61	240	312842	20.00	ng	0.00
86) Perylene-d12	26.41	264	305913	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	442631	124.12	ng	0.00
7) Phenol-d6	8.01	99	592552	119.21	ng	0.00
23) Nitrobenzene-d5	10.11	82	351688	94.64	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	183026	120.76	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	774665	77.51	ng	0.00
78) Terphenyl-d14	20.77	244	1124070	80.73	ng	0.00

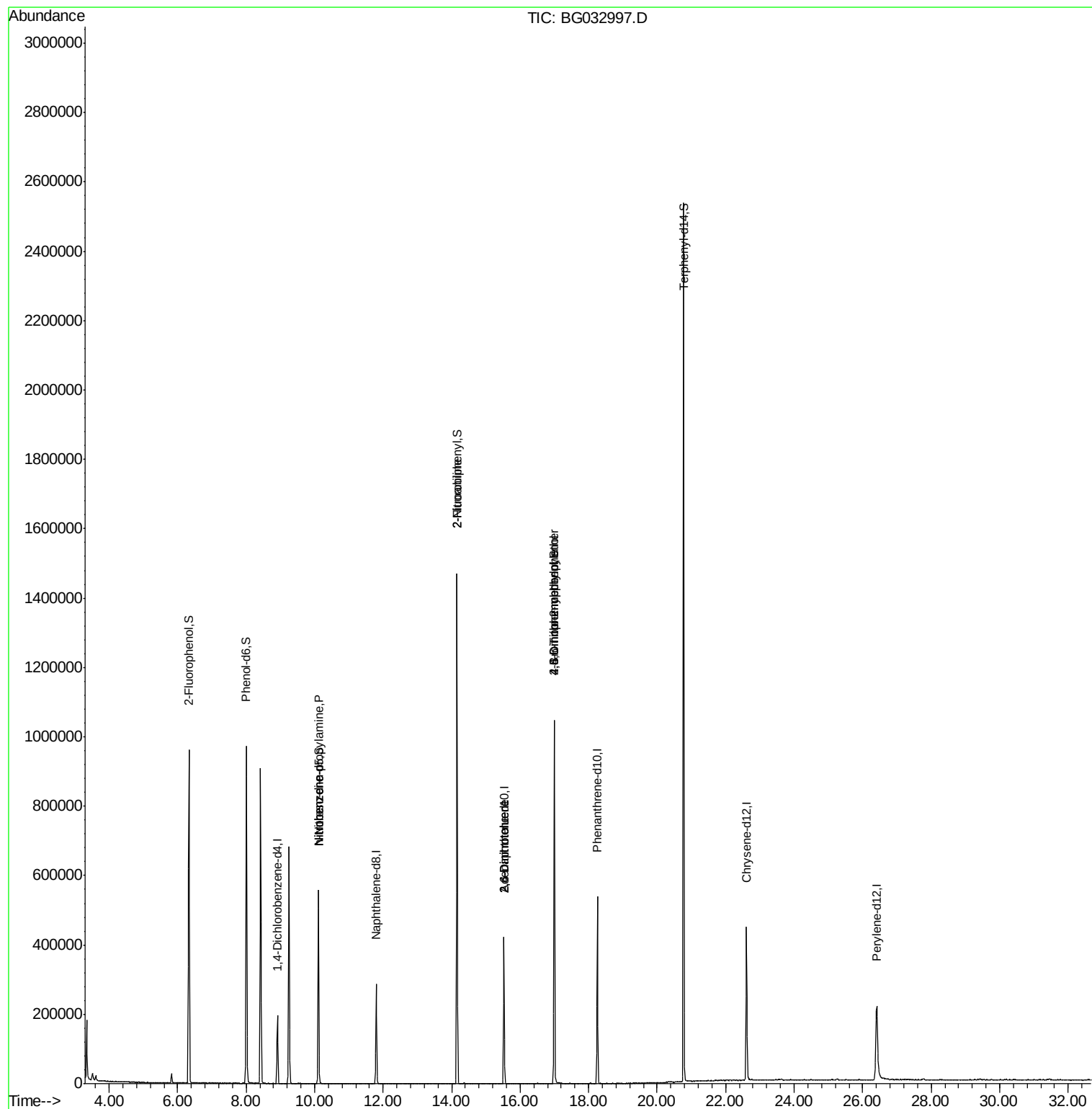
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	45804	13.053	ng	# 83
24) Nitrobenzene	10.11	77	995	6.593	ng	# 32
47) 2-Nitroaniline	14.16	65	1535	10.350	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	19355	16.682	ng	# 20
56) 2,4-Dinitrotoluene	15.53	165	19355	14.881	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.99	198	559	5.669	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	13403	3.844	ng	# 1

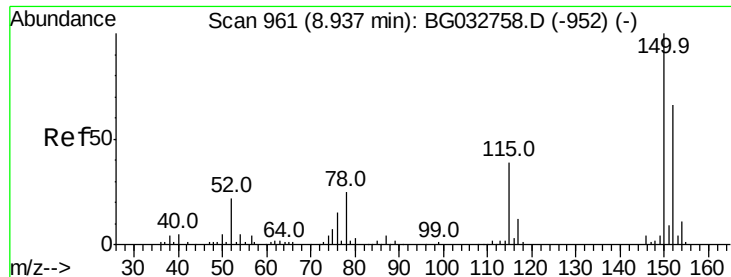
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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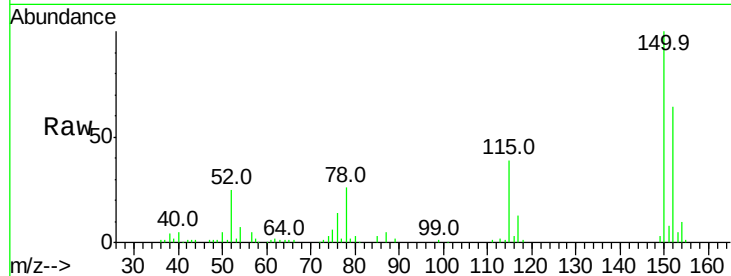


#1

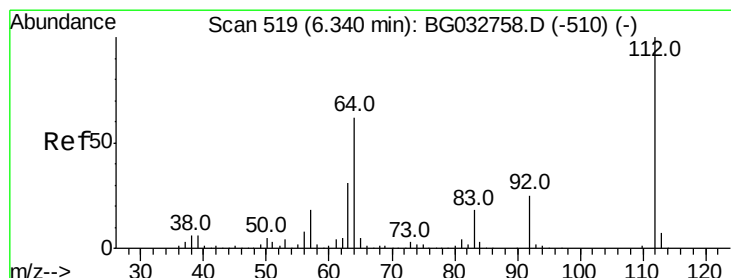
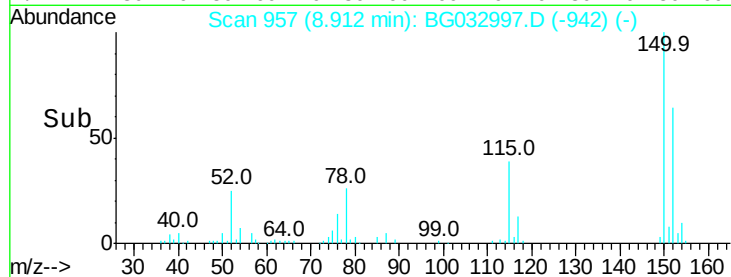
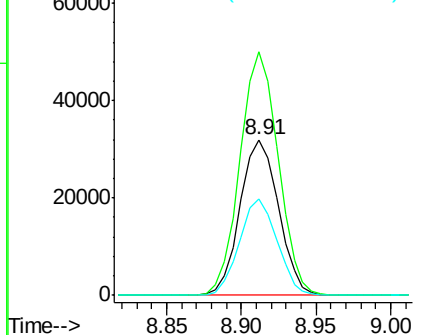
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57051
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 61.7 53.0 79.4



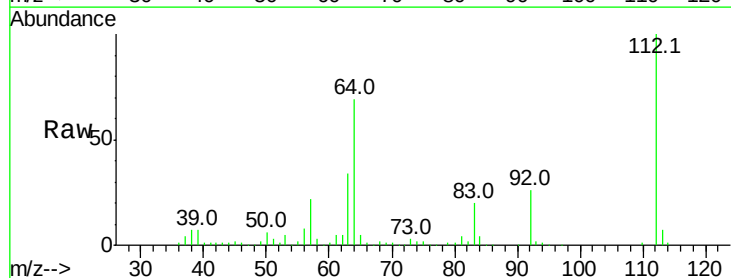
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



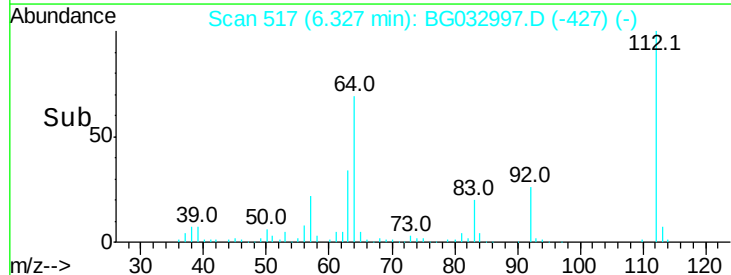
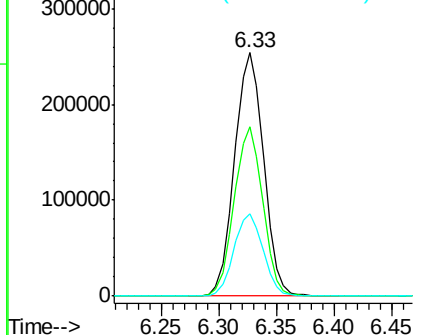
#5

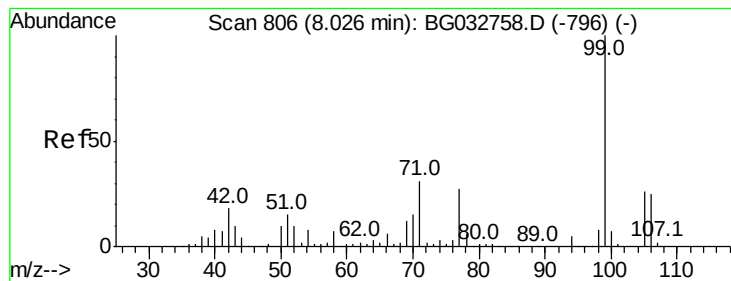
2-Fluorophenol
Concen: 124.125 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Tgt Ion:112 Resp: 442631
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 33.8 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: 119.213 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032997.D

Acq: 5 Mar 2018 19:44

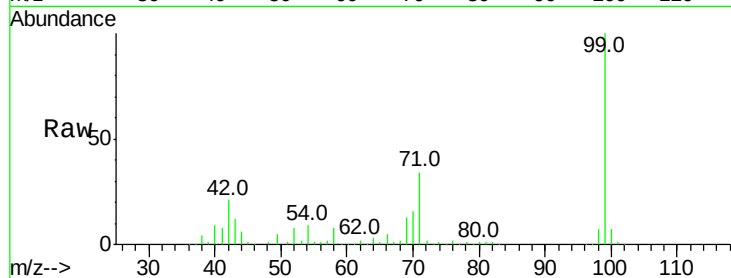
Instrument :

BNA_G

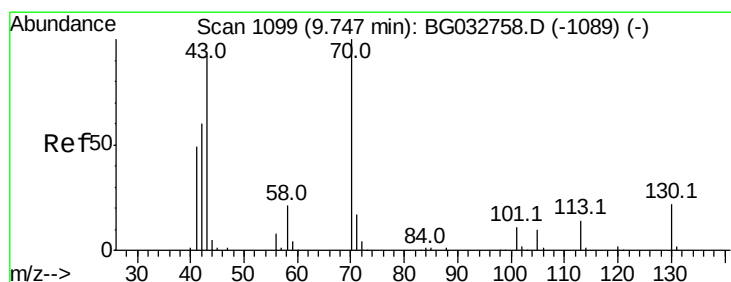
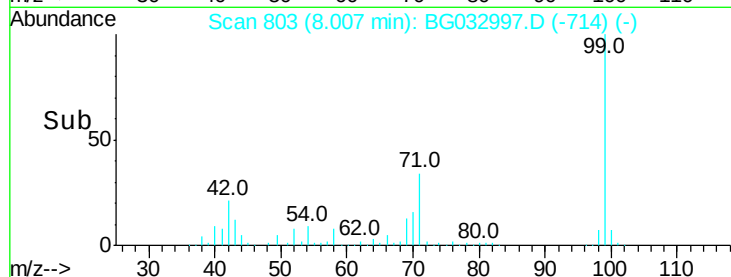
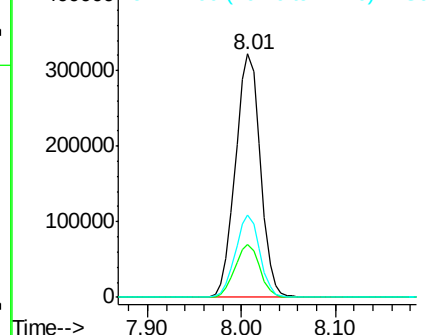
ClientSampleId :

Tot Ion: 99 Resp: 592552

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	33.7	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: 13.053 ng

RT: 10.11 min Scan# 1161

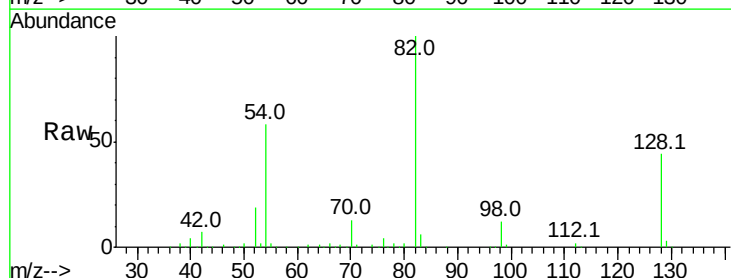
Delta R.T. 0.38 min

Lab File: BG032997.D

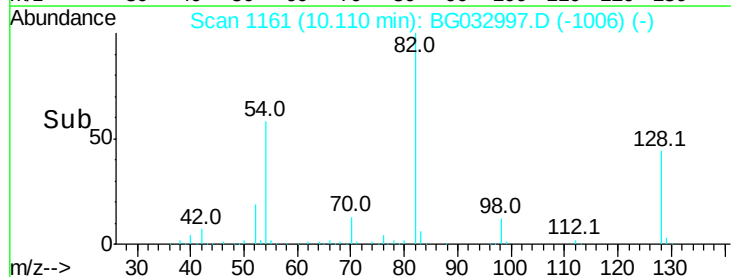
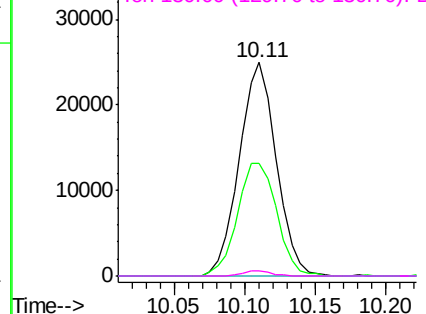
Acq: 5 Mar 2018 19:44

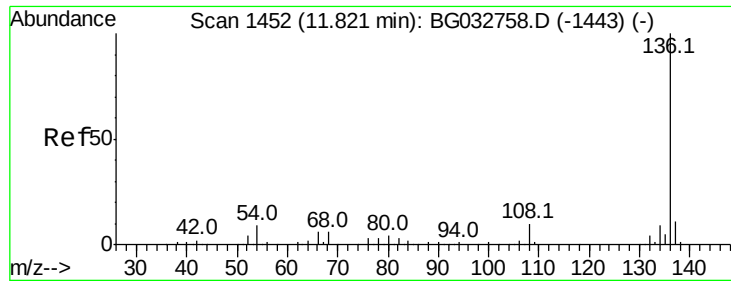
Tgt Ion: 70 Resp: 45804

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.5	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

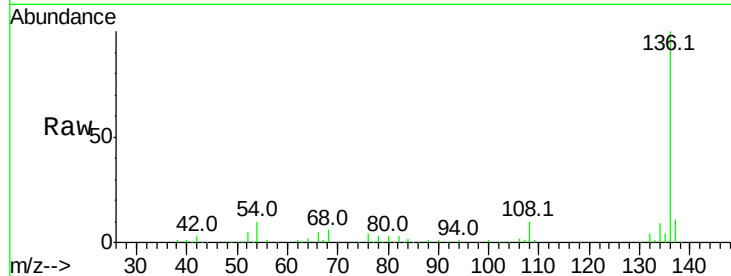




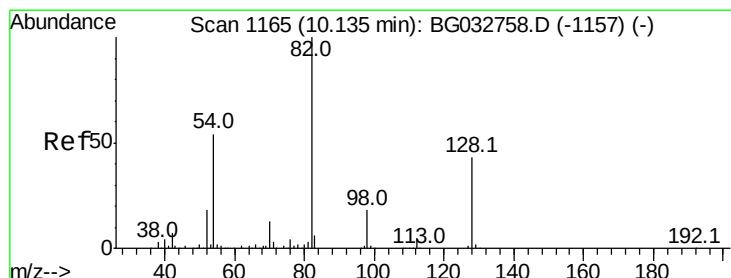
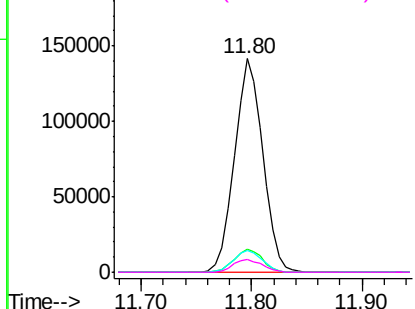
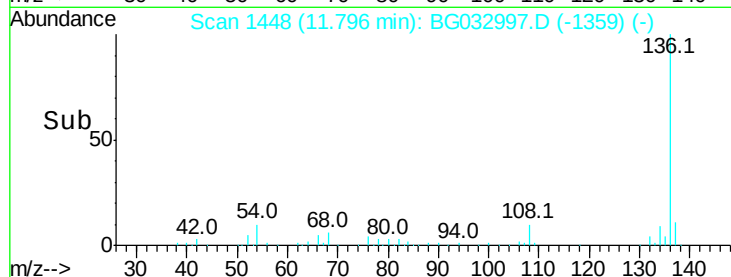
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	254458
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.0	10.3	15.5
68	6.0	4.5	6.7

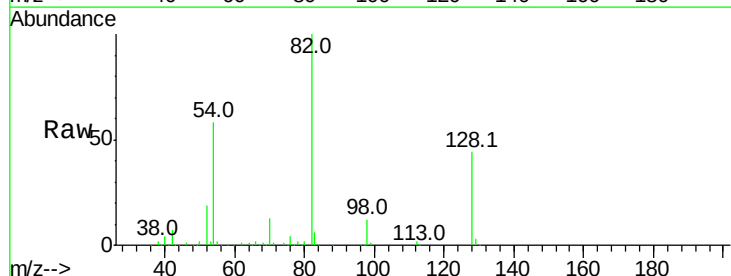


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

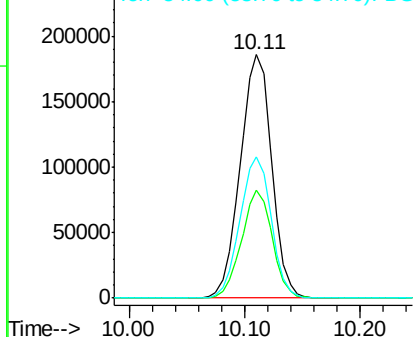
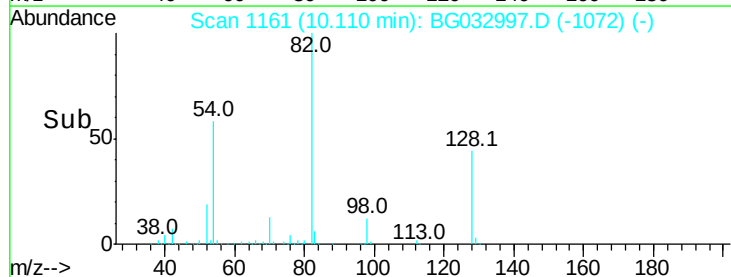


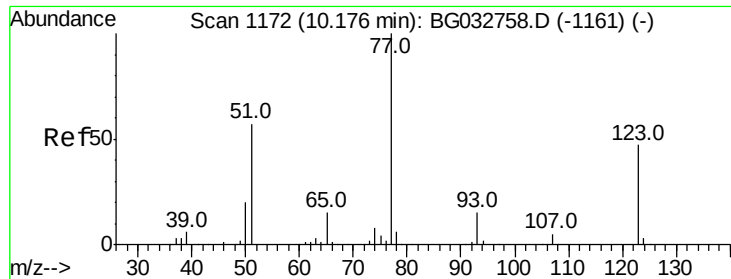
#23
Nitrobenzene-d5
Concen: 94.639 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Tgt Ion:	82	Resp:	351688
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	58.3	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

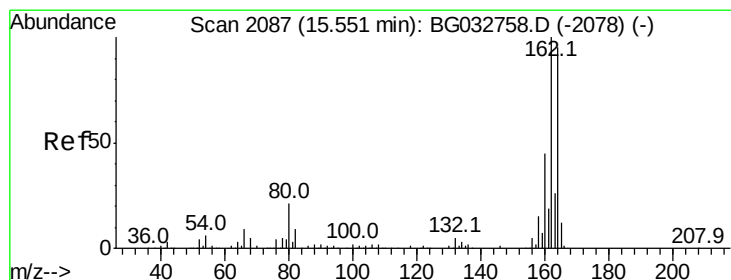
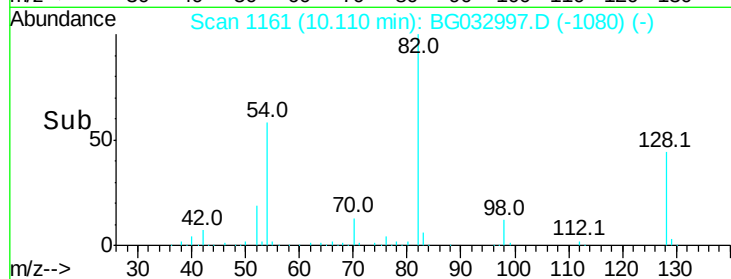
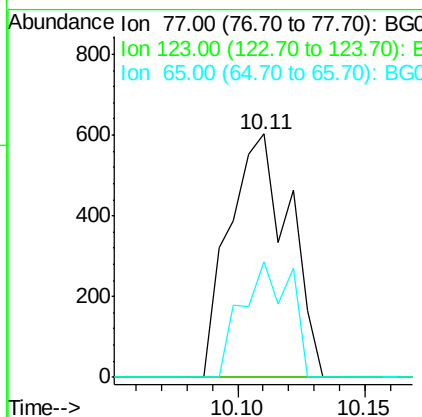
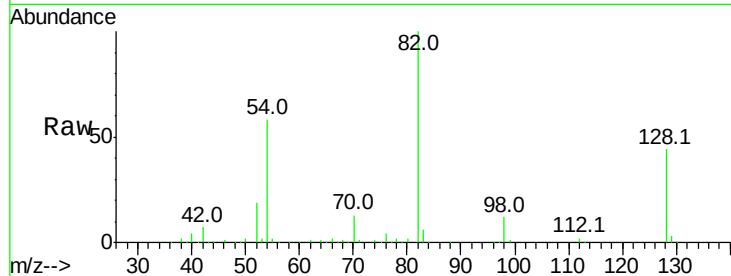




#24
 Nitrobenzene
 Concen: 6.593 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

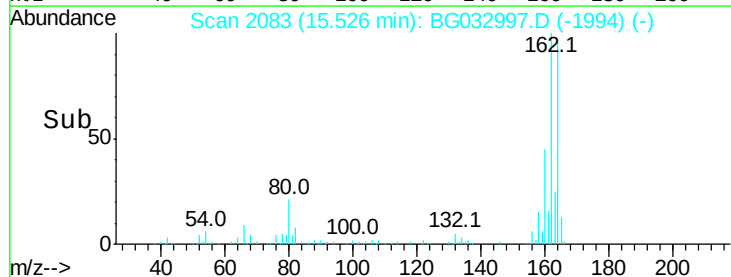
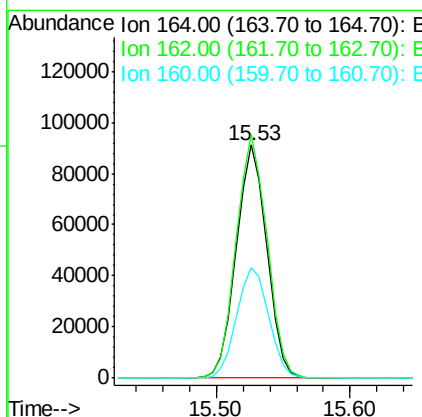
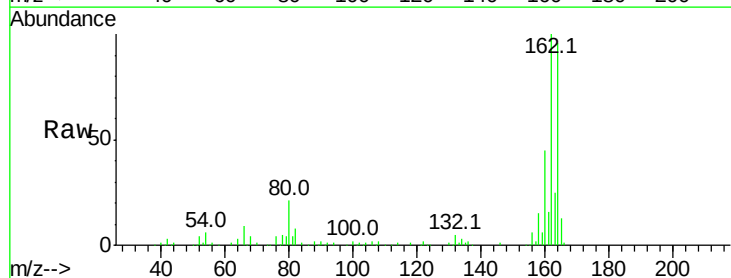
Instrument :
 BNA_G
 ClientSampled :

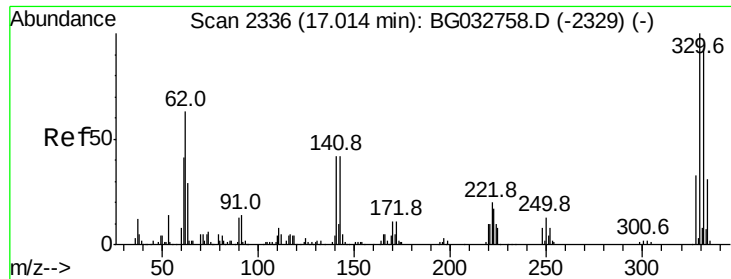
Tot Ion: 77 Resp: 995
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 47.3 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Tgt Ion:164 Resp: 144138
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 47.2 35.4 53.0

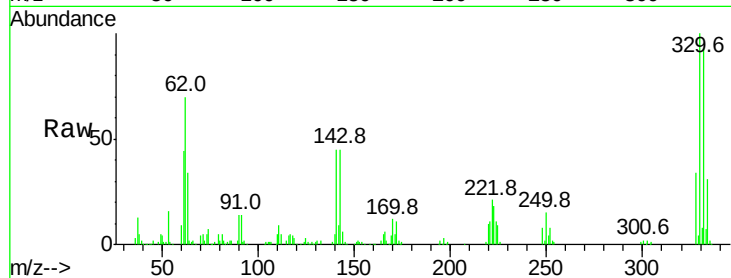




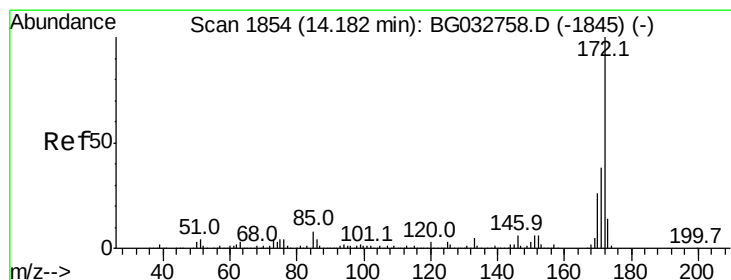
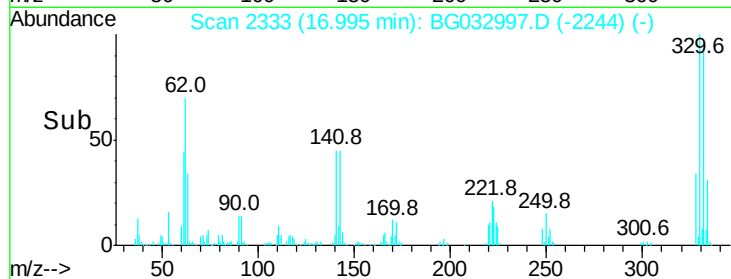
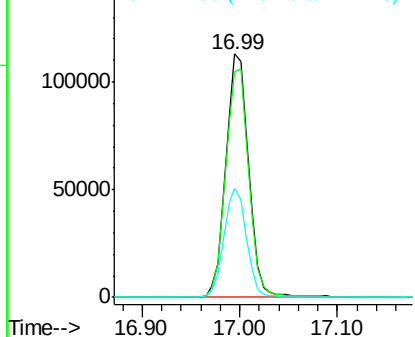
#41
 2,4,6-Tribromophenol
 Concen: 120.764 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 183026
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 44.7 25.2 37.8#

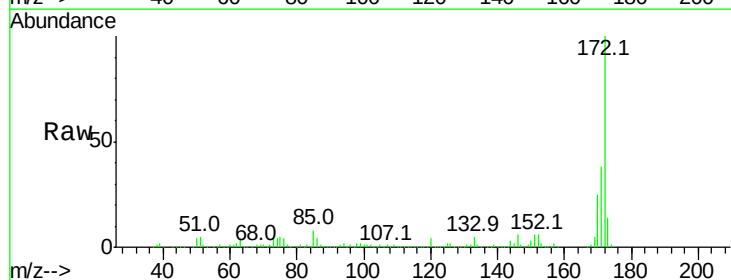


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

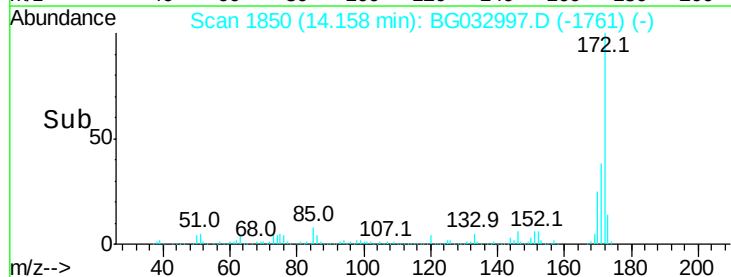
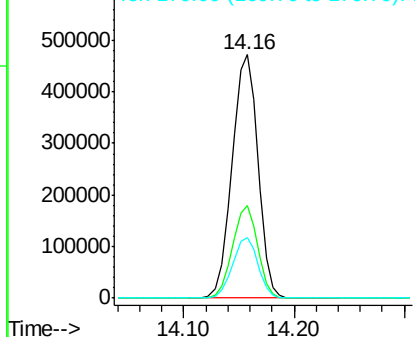


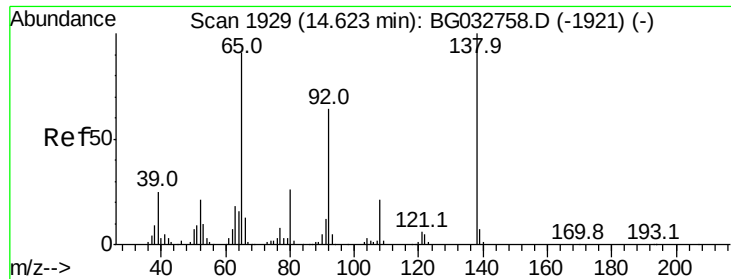
#44
 2-Fluorobiphenyl
 Concen: 77.513 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Tgt Ion:172 Resp: 774665
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.8 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

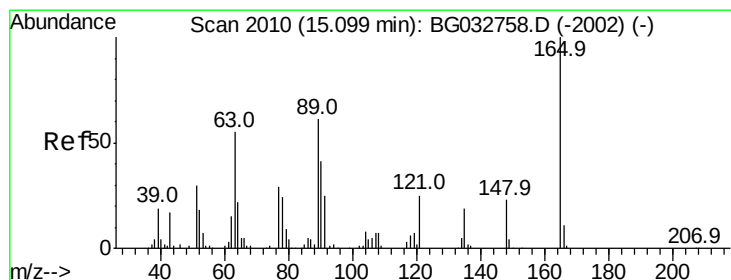
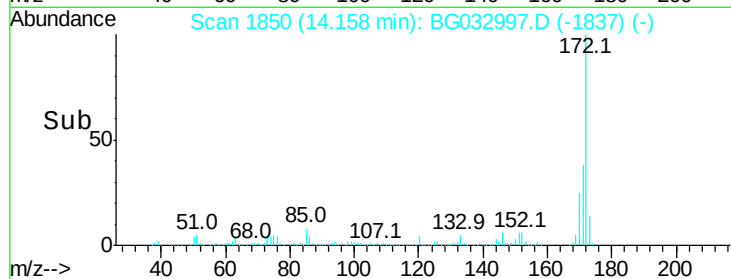
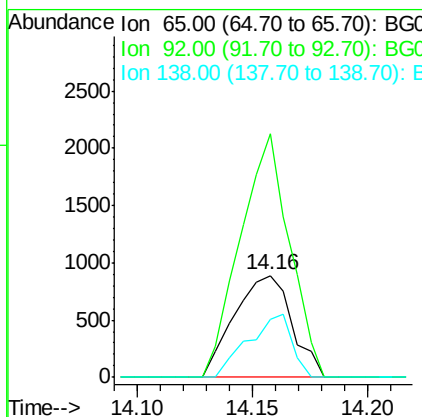
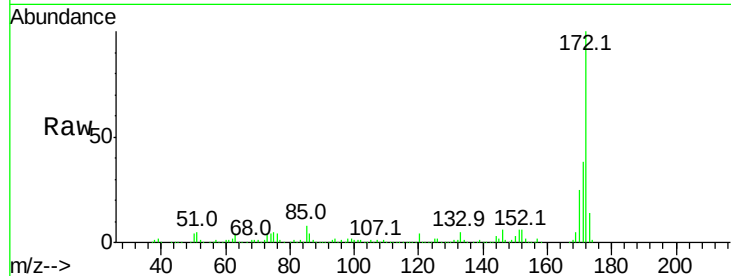




#47
2-Nitroaniline
Concen: 10.350 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.46 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

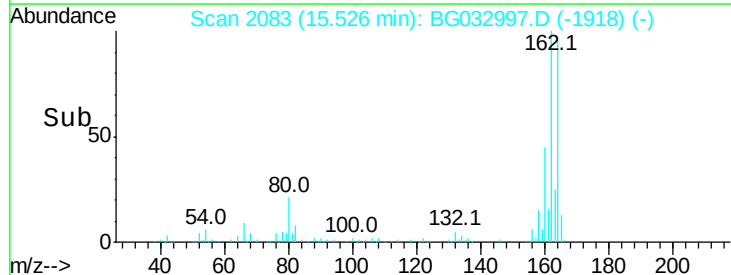
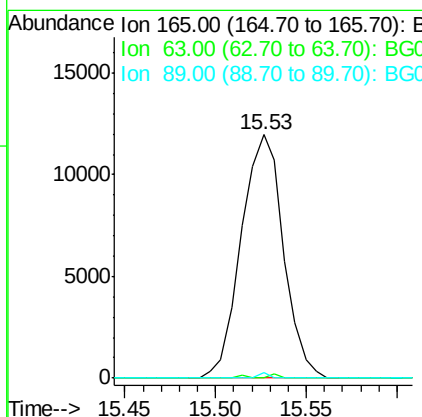
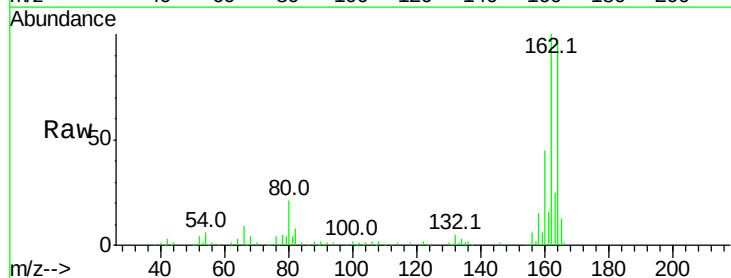
Instrument :
BNA_G
ClientSampled :

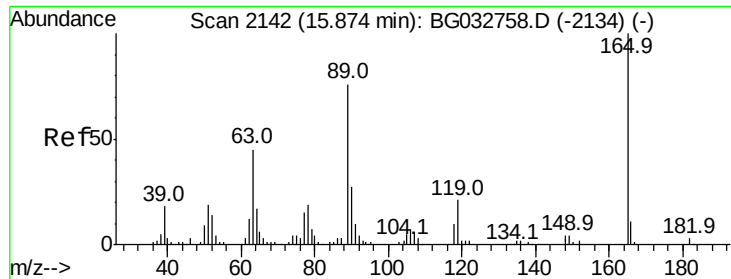
Tot Ion: 65 Resp: 1535
Ion Ratio Lower Upper
65 100
92 238.6 54.6 82.0#
138 57.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.682 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Tgt Ion:165 Resp: 19355
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.3 49.2 73.8#

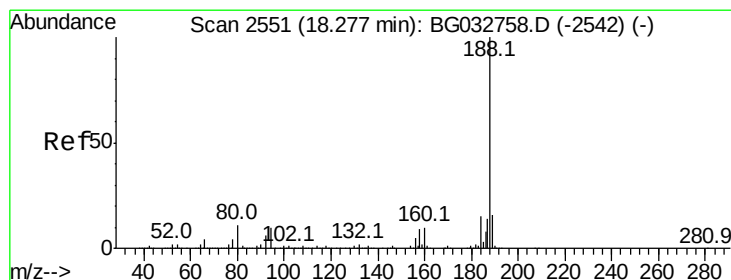
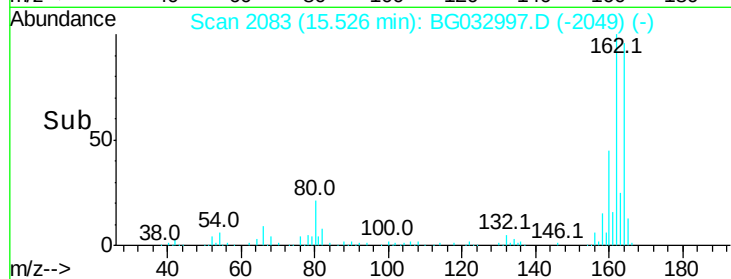
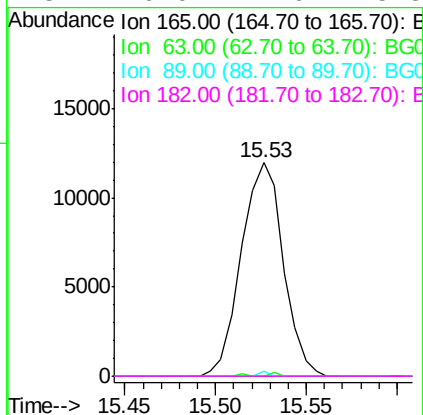
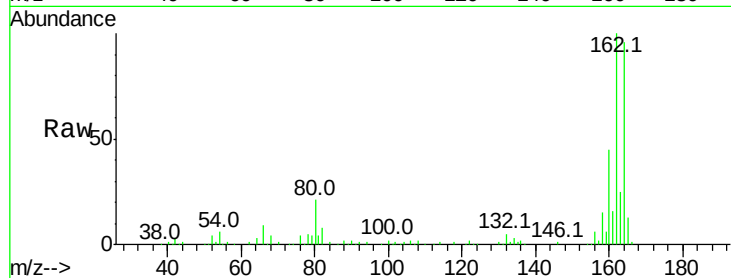




#56
 2,4-Dinitrotoluene
 Concen: 14.881 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

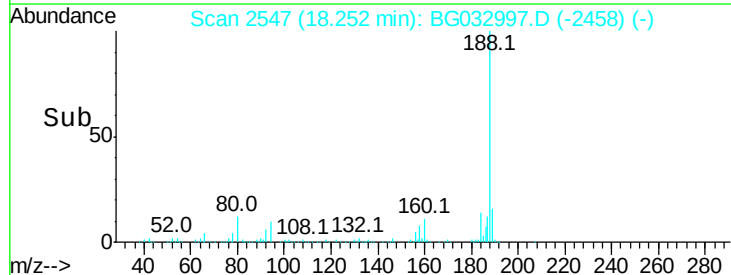
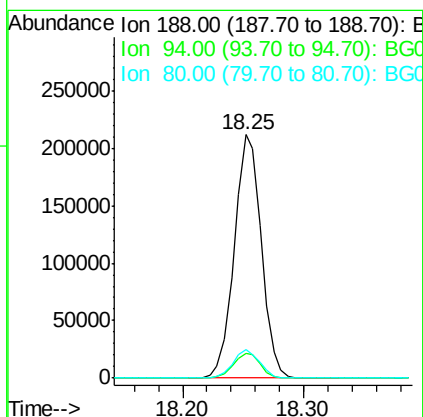
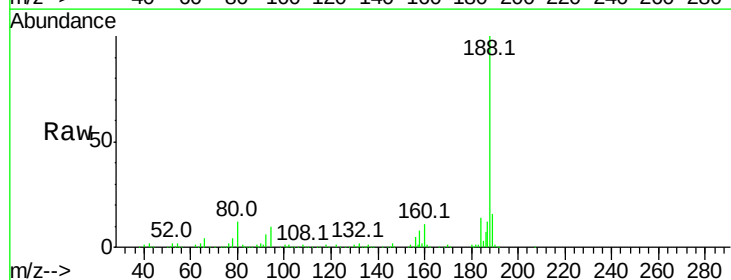
Instrument :
 BNA_G
 ClientSampleId :

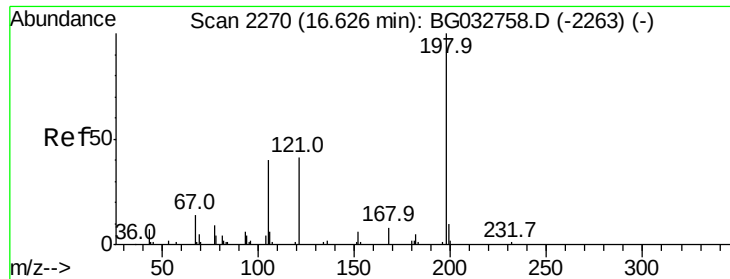
Tot Ion:	165	Resp:	19355
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Tgt Ion:	188	Resp:	329779
Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.9	10.3#
80	11.8	7.7	11.5#

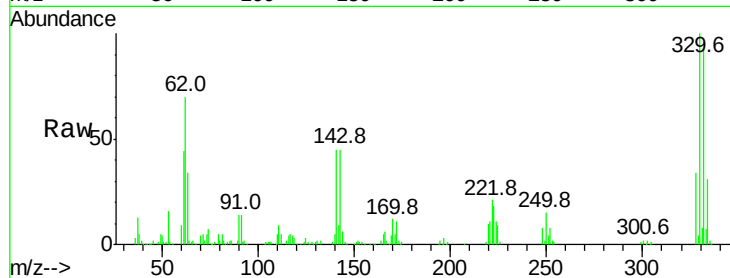




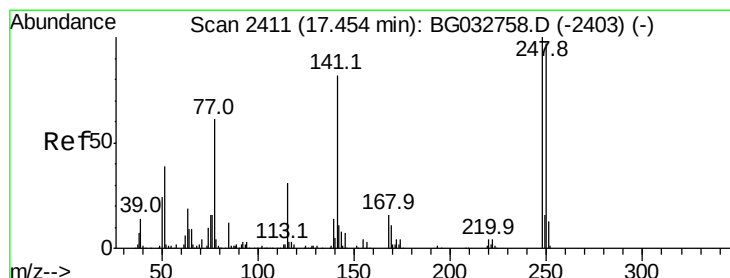
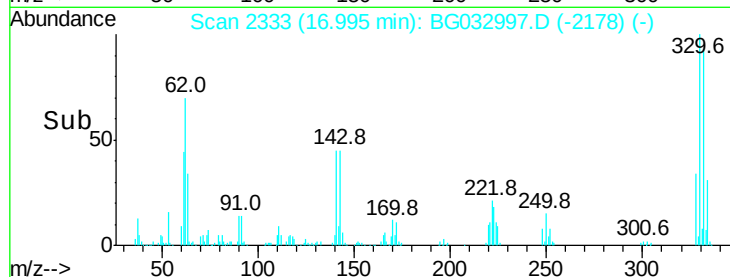
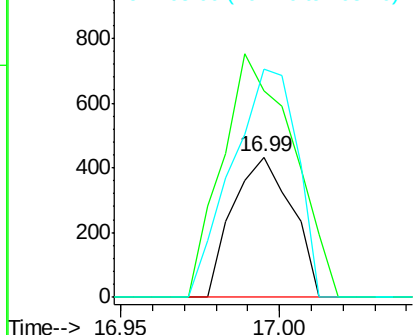
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.669 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.38 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 559
 Ion Ratio Lower Upper
 198 100
 51 147.0 30.6 70.6#
 105 162.7 23.8 63.8#

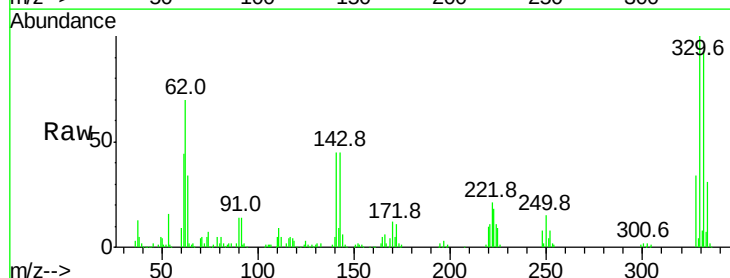


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

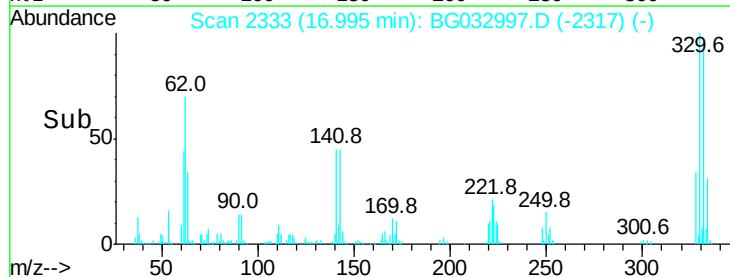
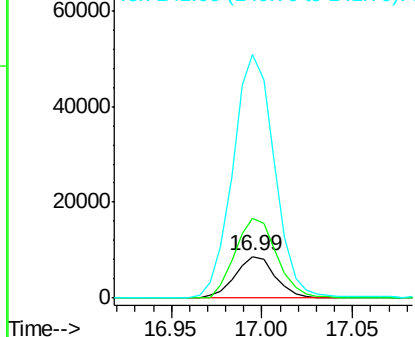


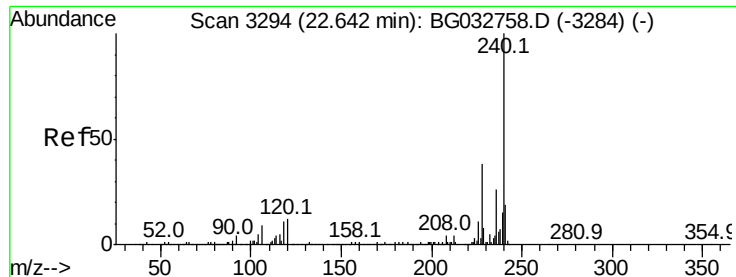
#66
 4-Bromophenyl-phenylether
 Concen: 3.844 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.44 min
 Lab File: BG032997.D
 Acq: 5 Mar 2018 19:44

Tgt Ion:248 Resp: 13403
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.1 115.7#
 141 581.6 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. -0.01 min

Lab File: BG032997.D

Acq: 5 Mar 2018 19:44

Instrument :

BNA_G

ClientSampleId :

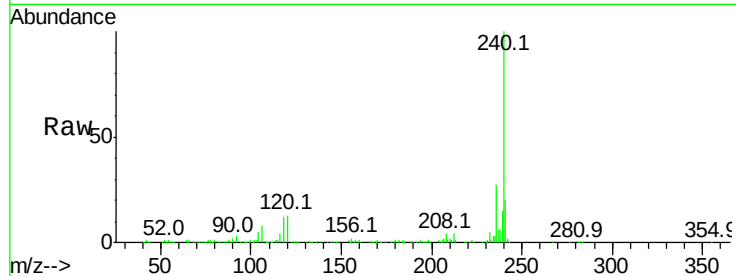
Tot Ion:240 Resp: 312842

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

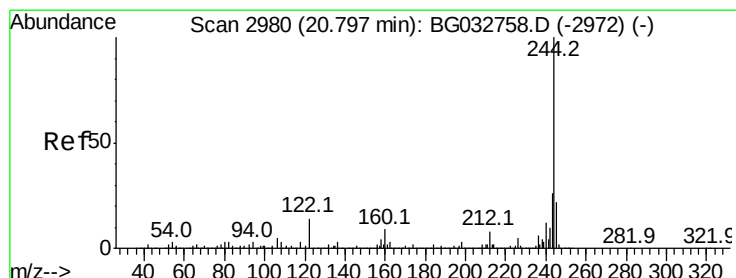
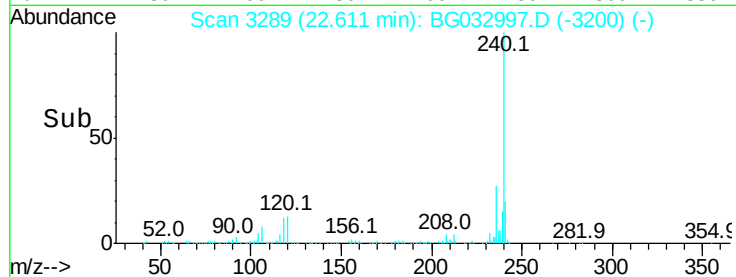
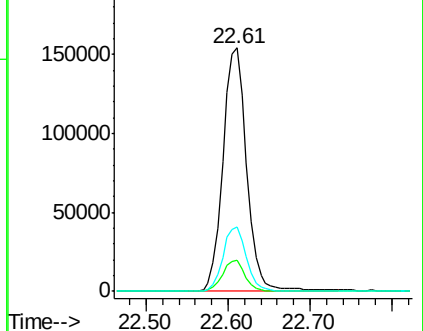
236 26.7 20.9 31.3



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



#78

Terphenyl-d14

Concen: 80.727 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG032997.D

Acq: 5 Mar 2018 19:44

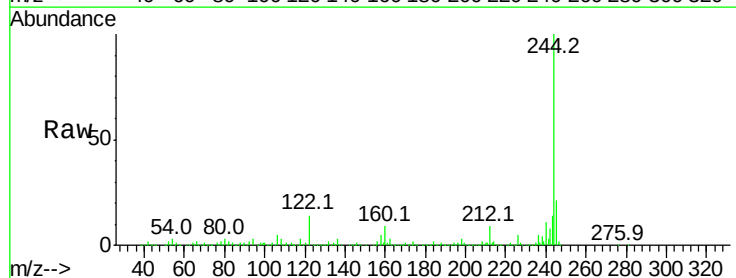
Tgt Ion:244 Resp: 1124070

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

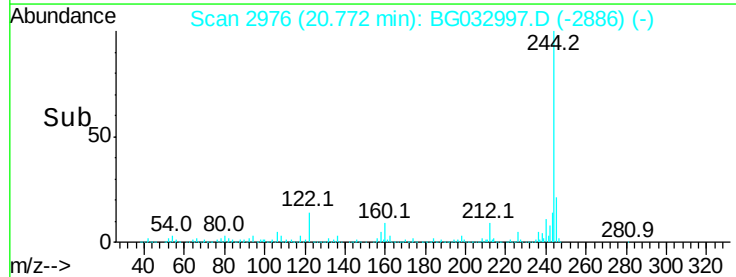
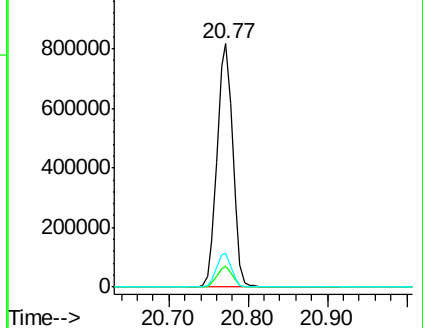
122 14.0 7.0 10.4#

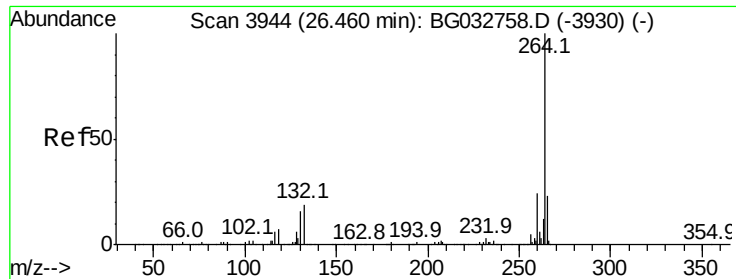


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. -0.01 min
Lab File: BG032997.D
Acq: 5 Mar 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.3	17.7	26.5

