

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032830.D
 Acq On : 26 Feb 2018 20:17
 Operator : SJ/JU
 Sample : PB106826TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 01:22:06 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

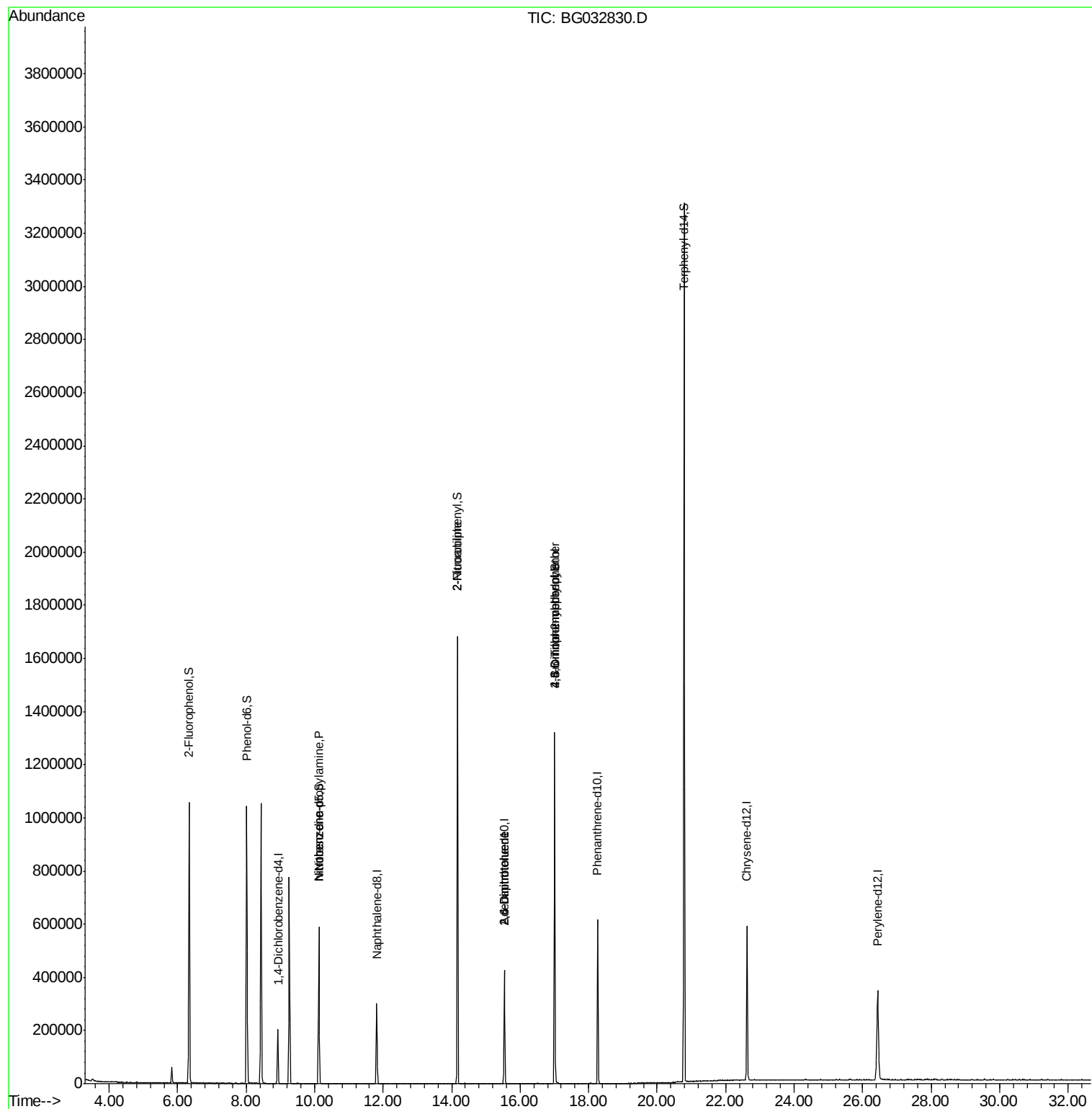
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	61974	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	276437	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	152146	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	377924	20.00	ng	0.00
75) Chrysene-d12	22.62	240	378442	20.00	ng	0.00
86) Perylene-d12	26.44	264	402809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	523866	135.24	ng	0.00
7) Phenol-d6	8.02	99	687435	127.32	ng	0.00
23) Nitrobenzene-d5	10.12	82	373081	92.65	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	230863	144.31	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	869074	82.38	ng	0.00
78) Terphenyl-d14	20.78	244	1432893	85.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	48092	12.62	ng	# 84
24) Nitrobenzene	10.12	77	1094	6.60	ng	# 46
47) 2-Nitroaniline	14.17	65	1583	10.34	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	19514	16.33	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	19514	14.53	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	591	5.61	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	16595	4.15	ng	# 1

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

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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



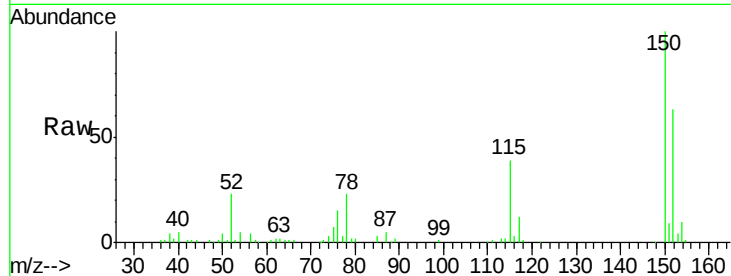


#1

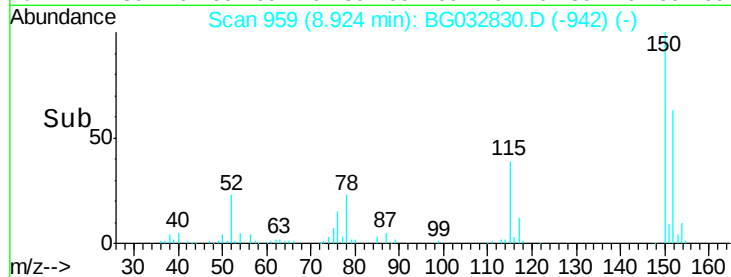
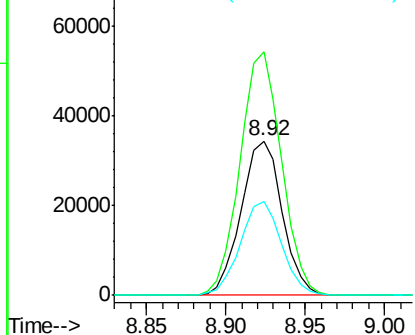
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61974
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 61.3 53.0 79.4



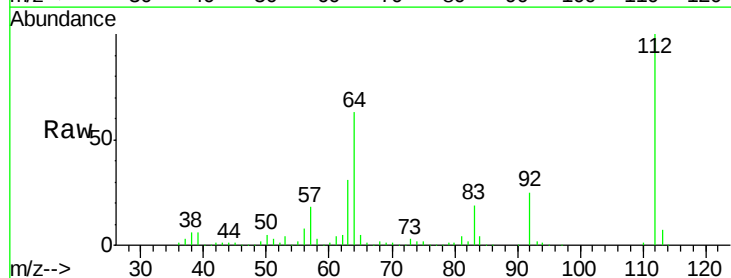
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



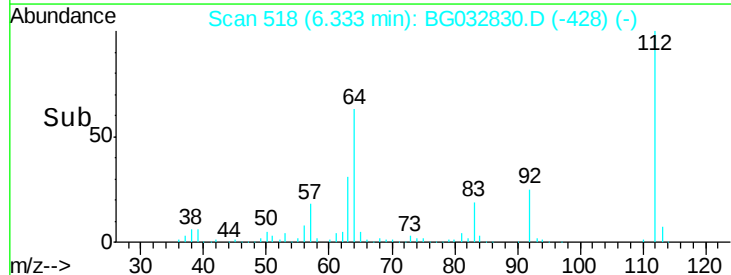
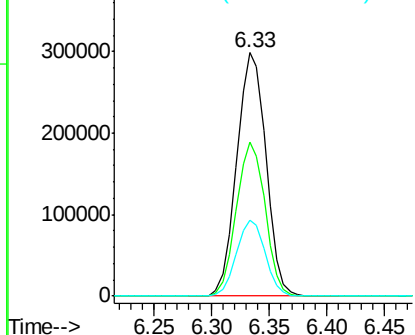
#5

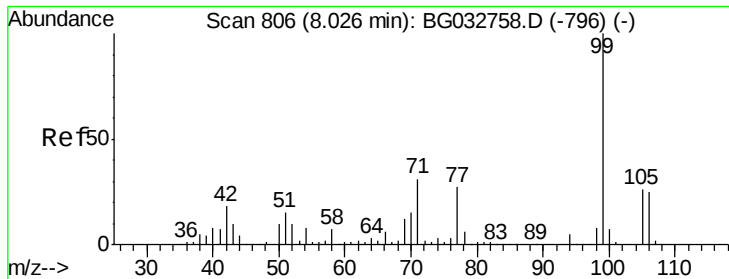
2-Fluorophenol
Concen: 135.24 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Tgt Ion:112 Resp: 523866
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 31.4 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: 127.32 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032830.D

Acq: 26 Feb 2018 20:17

Instrument :

BNA_G

ClientSampled :

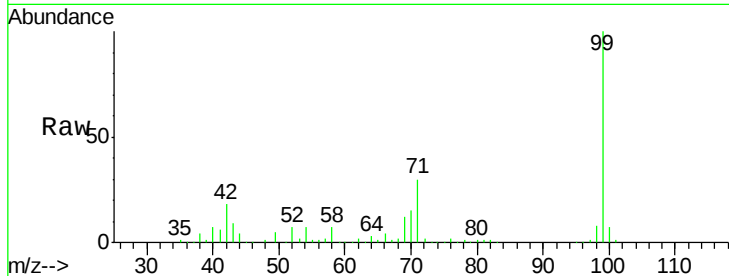
Tot Ion: 99 Resp: 687435

Ion Ratio Lower Upper

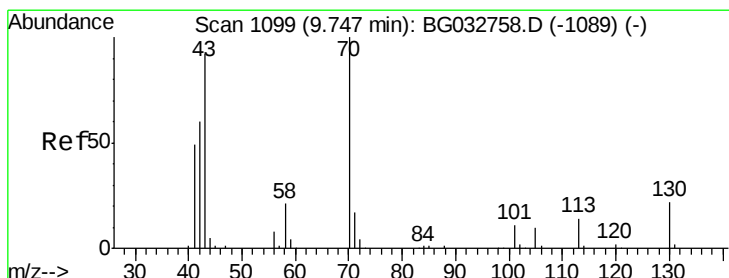
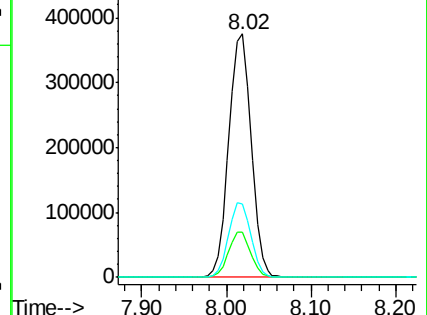
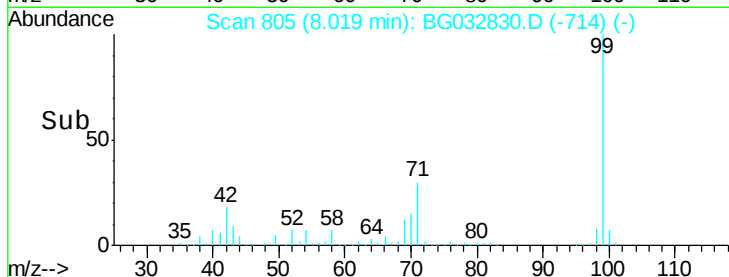
99 100

42 18.4 14.1 21.1

71 30.0 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: 12.62 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032830.D

Acq: 26 Feb 2018 20:17

Tgt Ion: 70 Resp: 48092

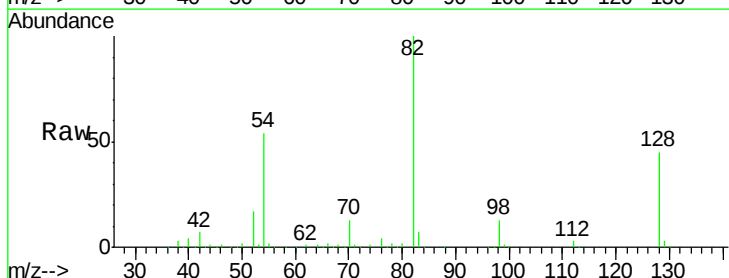
Ion Ratio Lower Upper

70 100

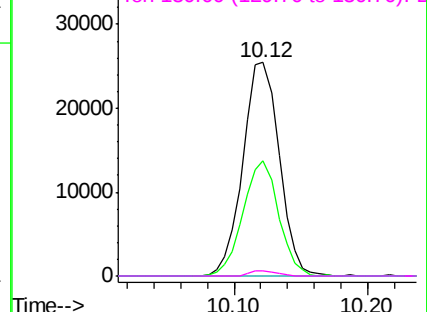
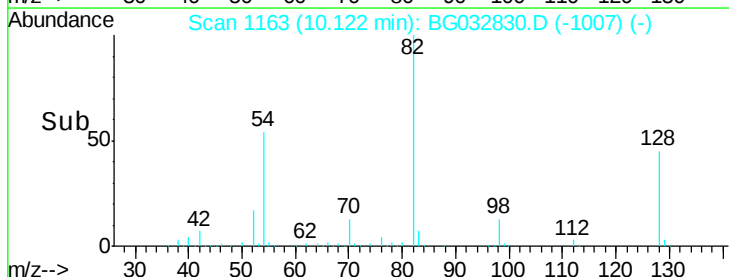
42 53.9 49.1 73.7

101 0.0 8.5 12.7#

130 2.1 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

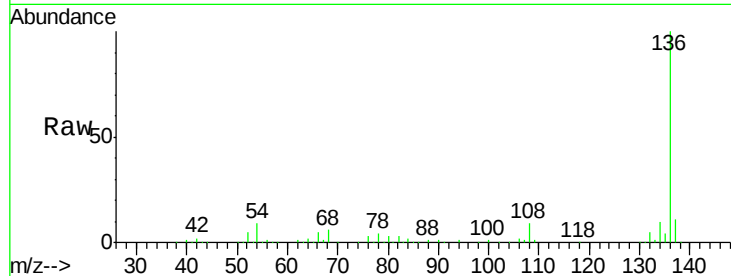




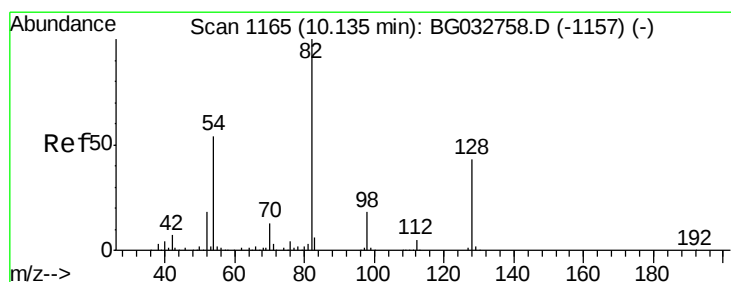
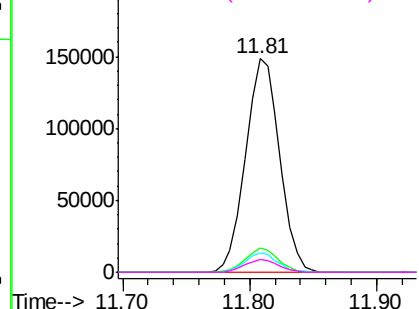
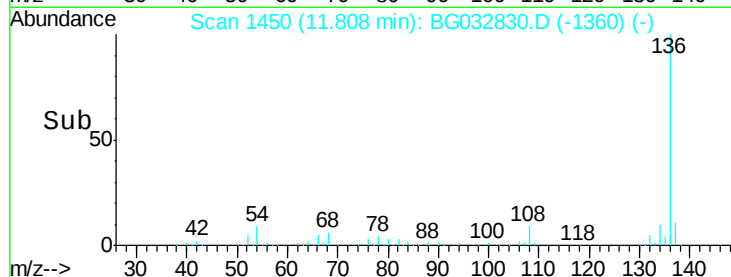
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 276437
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.1 10.3 15.5#
68 6.3 4.5 6.7

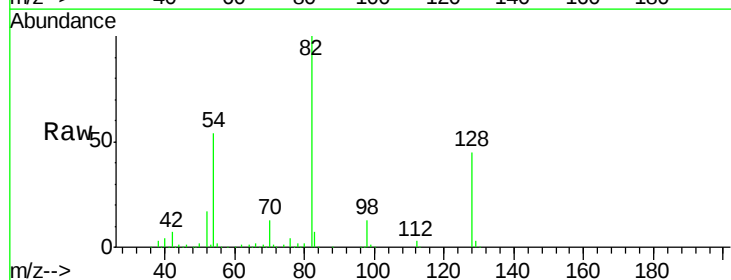


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

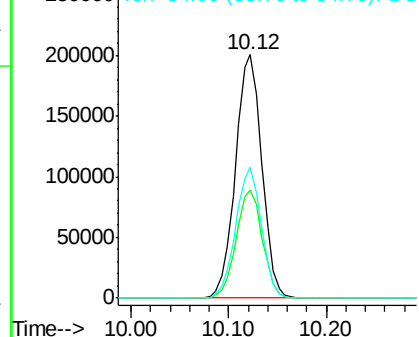
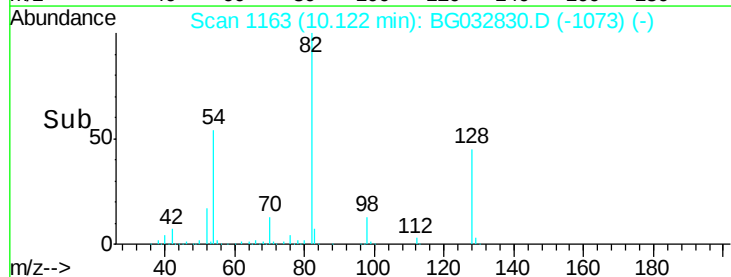


#23
Nitrobenzene-d5
Concen: 92.65 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Tgt Ion: 82 Resp: 373081
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 53.6 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: 6.60 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BG032830.D

Acq: 26 Feb 2018 20:17

Instrument :

BNA_G

ClientSampled :

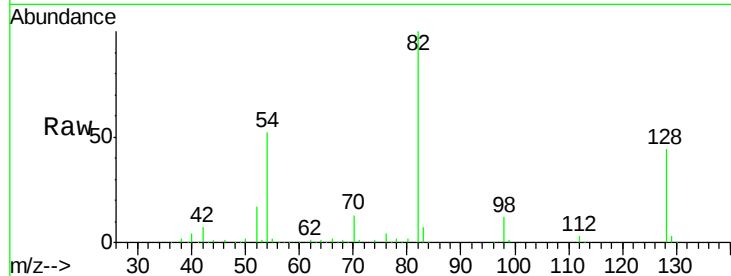
Tot Ion: 77 Resp: 1094

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

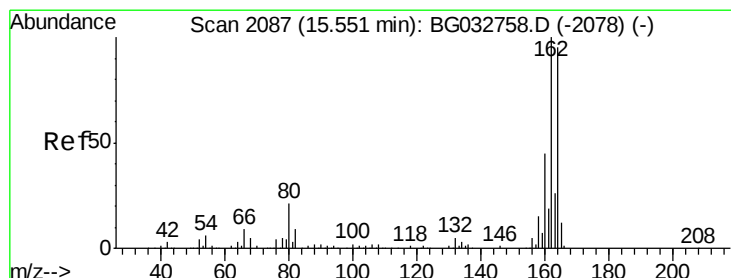
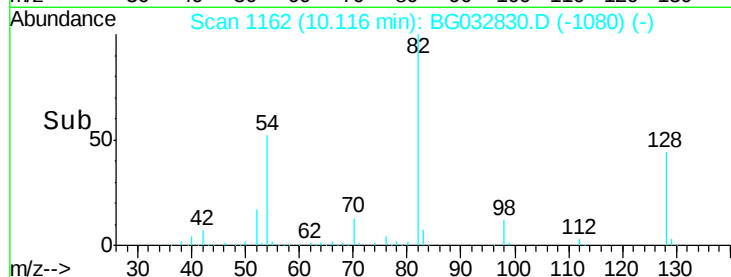
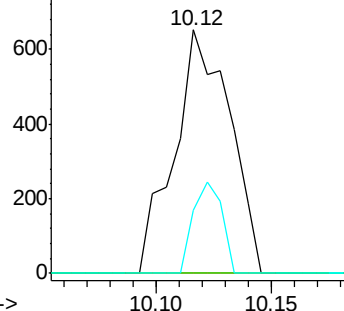
65 25.9 13.0 19.6#



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: 20.00 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032830.D

Acq: 26 Feb 2018 20:17

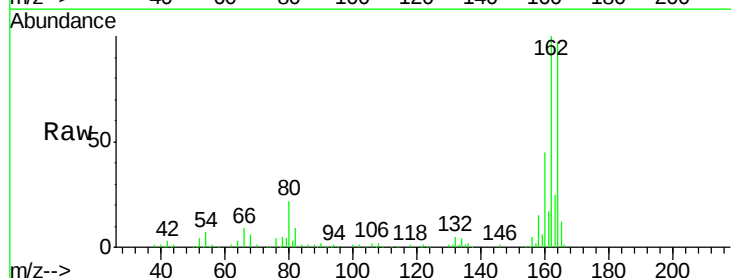
Tgt Ion:164 Resp: 152146

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

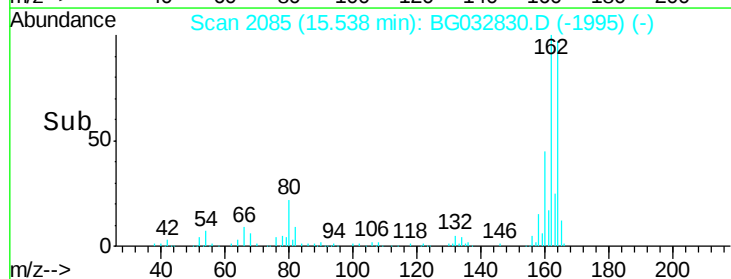
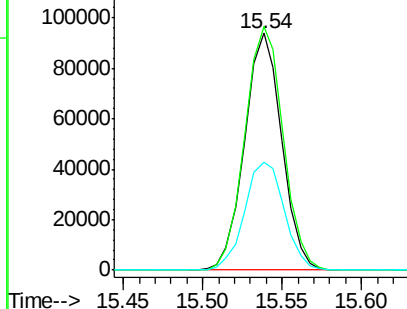
160 45.8 35.4 53.0

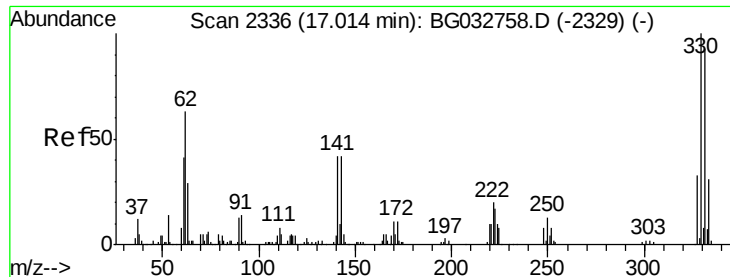


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

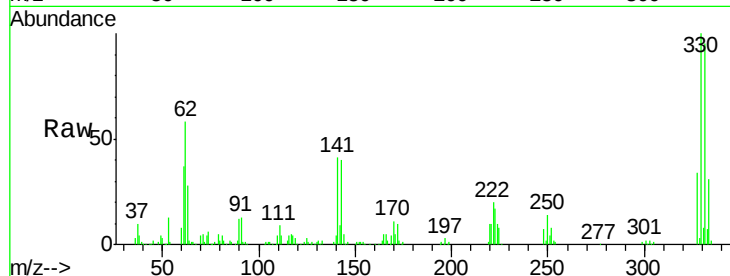




#41
 2,4,6-Tribromophenol
 Concen: 144.31 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	42.7	25.2	37.8#

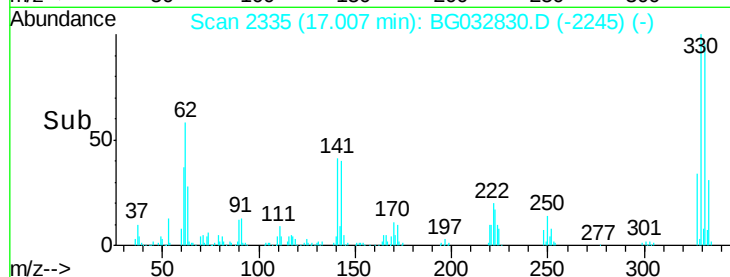
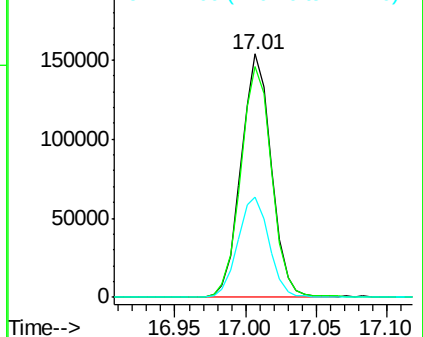


Abundance

Ion 329.80 (329.50 to 330.50): E

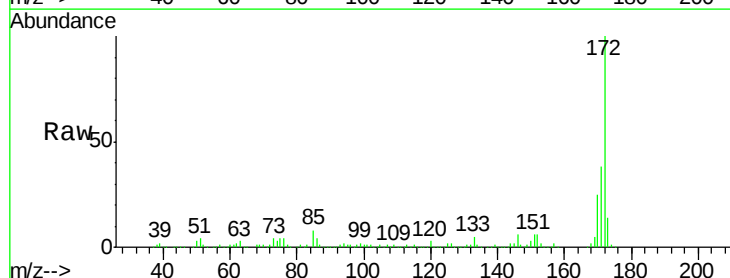
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.2	19.5	29.3

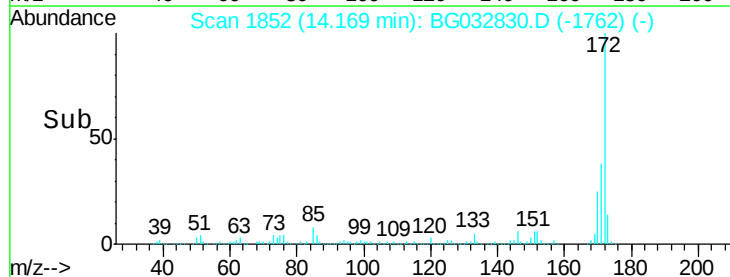
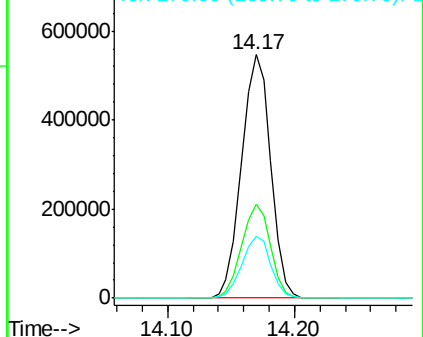


Abundance

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

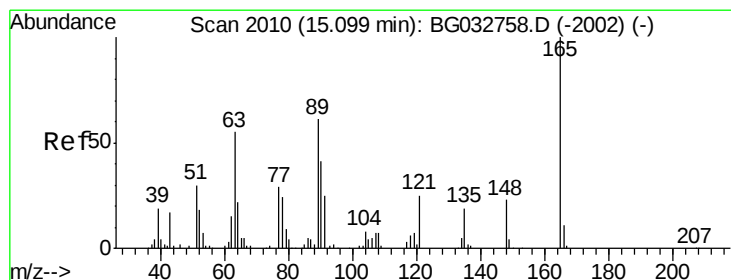
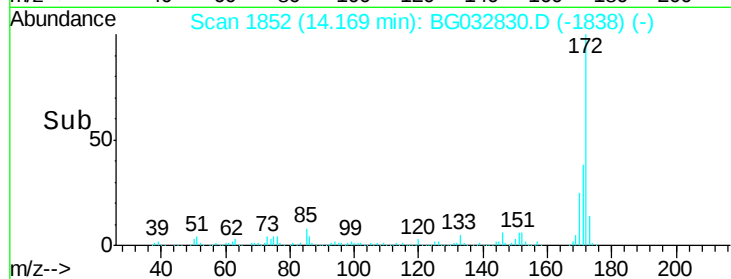
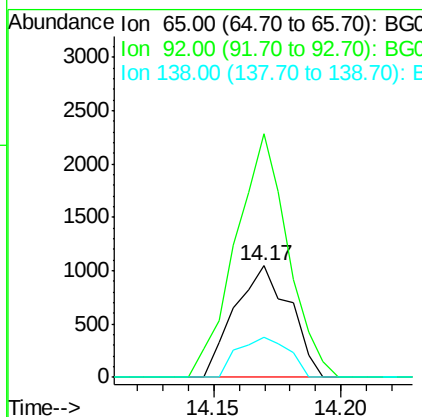
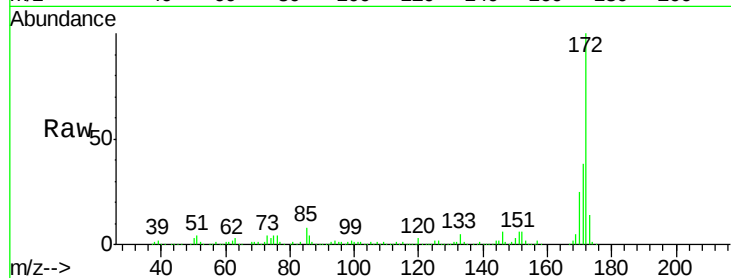




#47
2-Nitroaniline
Concen: 10.34 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

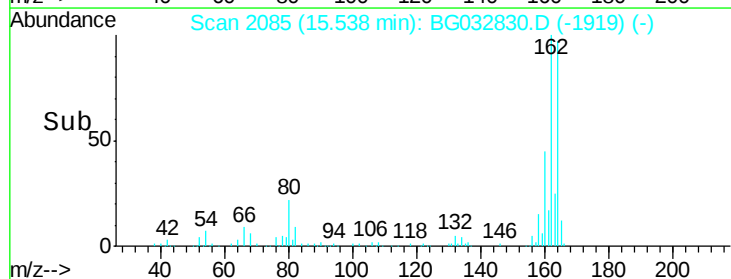
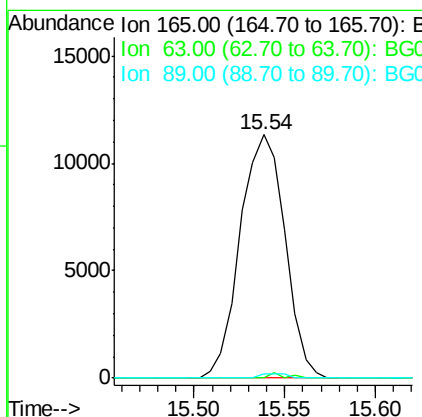
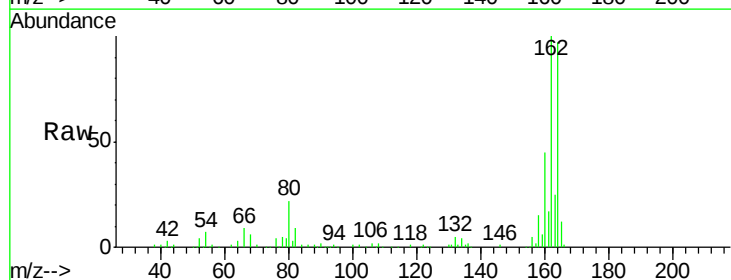
Instrument :
BNA_G
ClientSampled :

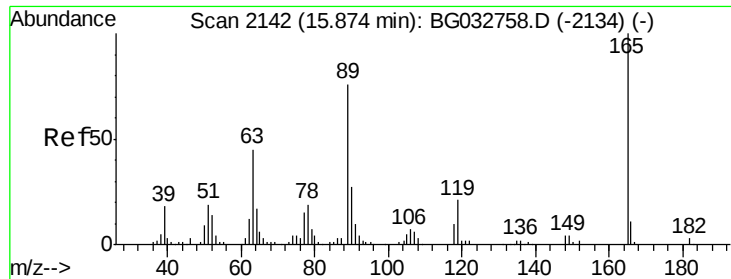
Tot Ion: 65 Resp: 1583
Ion Ratio Lower Upper
65 100
92 218.0 54.6 82.0#
138 36.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.33 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Tgt Ion: 165 Resp: 19514
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

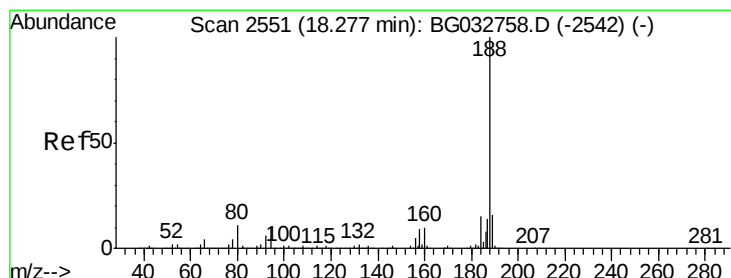
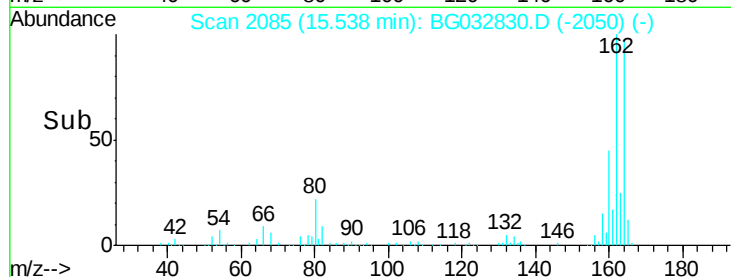
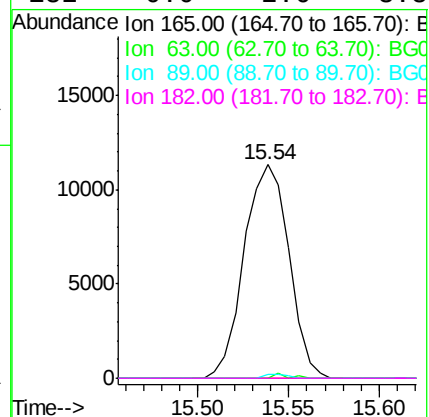
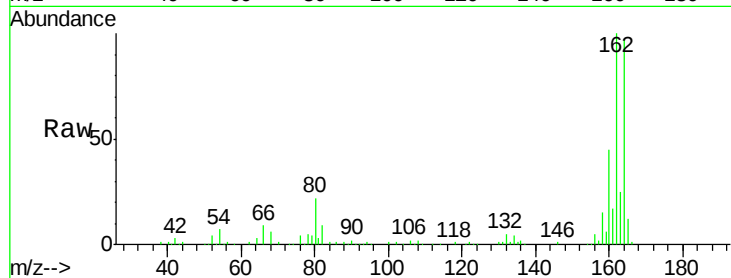




#56
2,4-Dinitrotoluene
Concen: 14.53 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.33 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

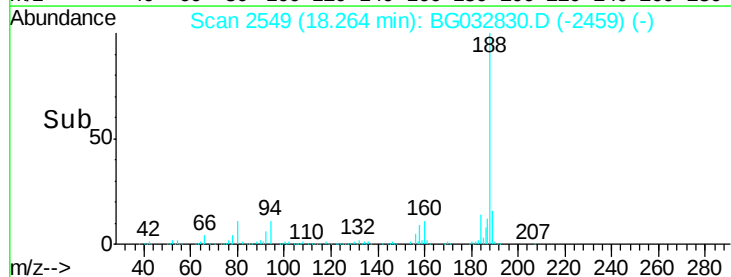
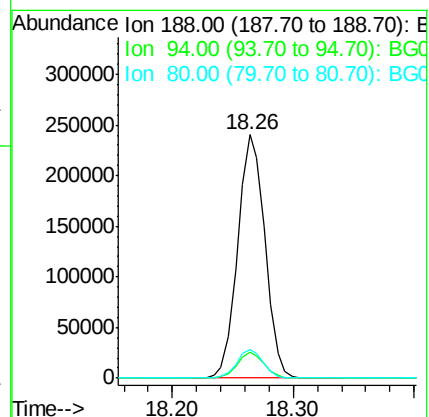
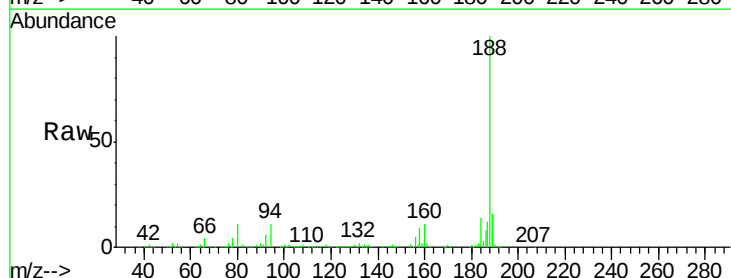
Instrument :
BNA_G
ClientSampleId :

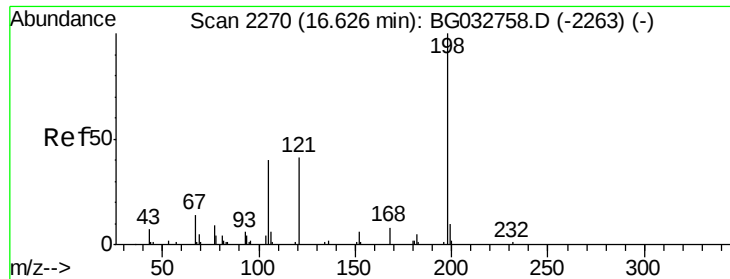
Tot Ion:165	Resp:	19514
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.0 63.0#
89	1.8	66.9 100.3#
182	0.0	2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Tgt Ion:188	Resp:	377924
Ion Ratio	Lower	Upper
188	100	
94	10.9	6.9 10.3#
80	11.5	7.7 11.5

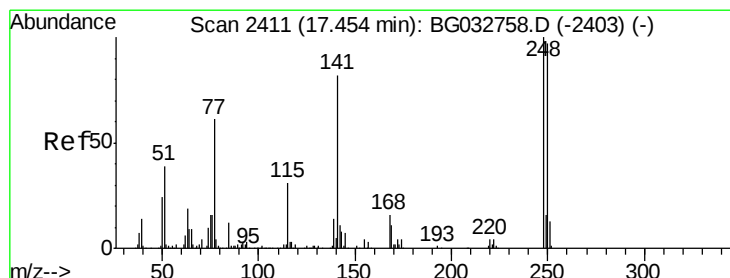
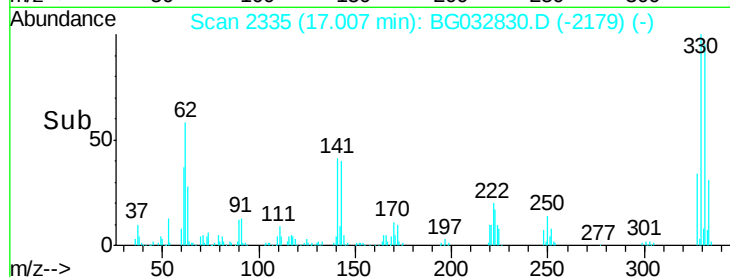
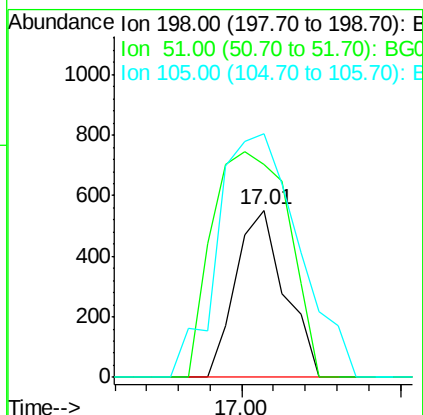
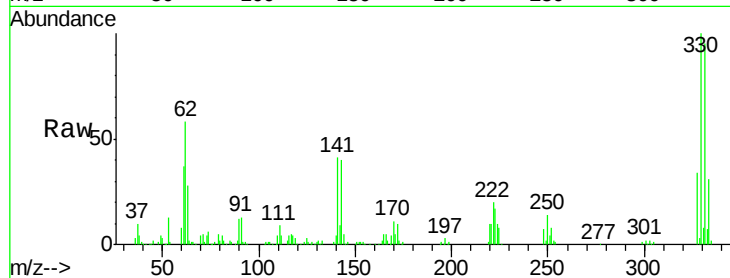




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.61 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

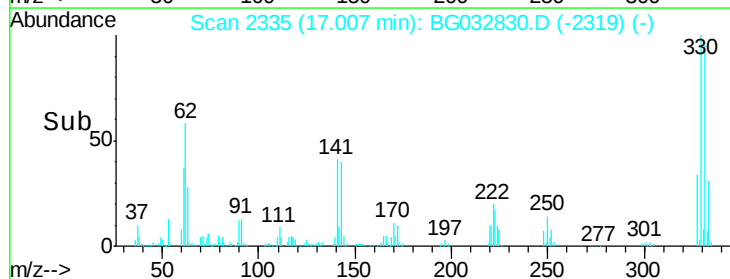
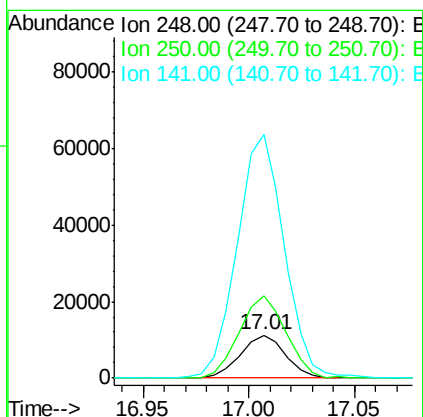
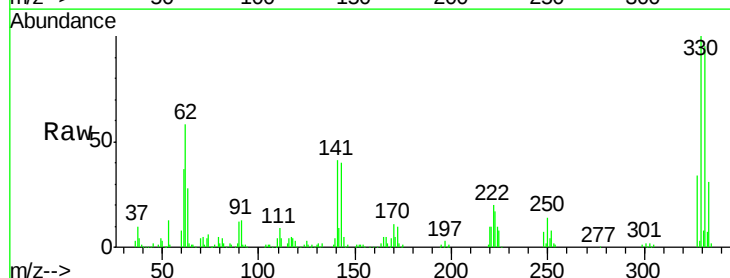
Instrument :
 BNA_G
 ClientSampled :

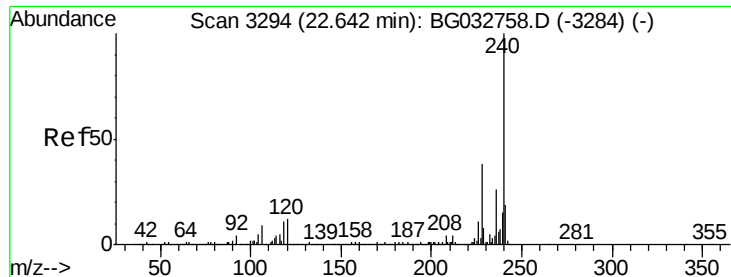
Tot Ion:198 Resp: 591
 Ion Ratio Lower Upper
 198 100
 51 127.5 30.6 70.6#
 105 145.4 23.8 63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

Tgt Ion:248 Resp: 16595
 Ion Ratio Lower Upper
 248 100
 250 190.8 77.1 115.7#
 141 566.9 50.8 76.2#

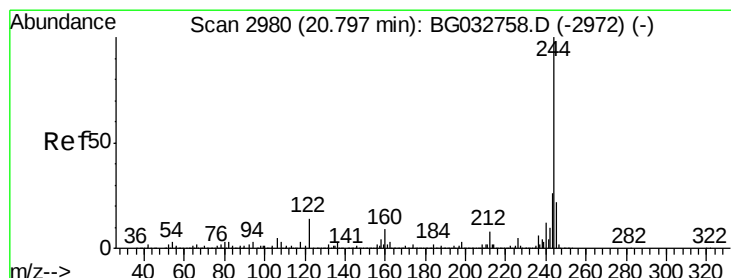
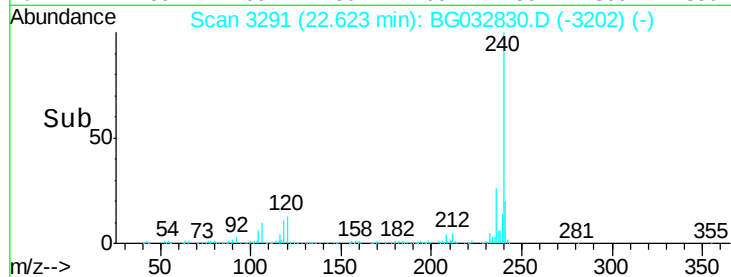
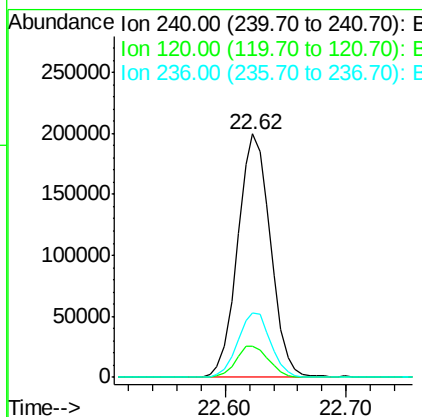
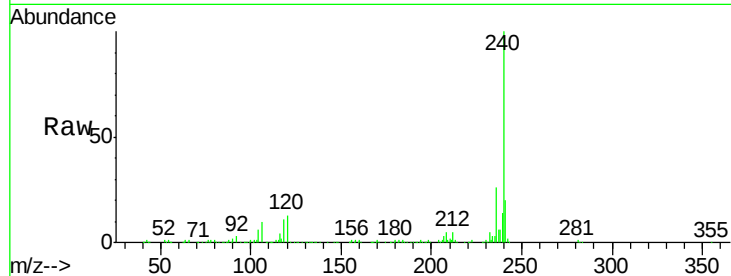




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

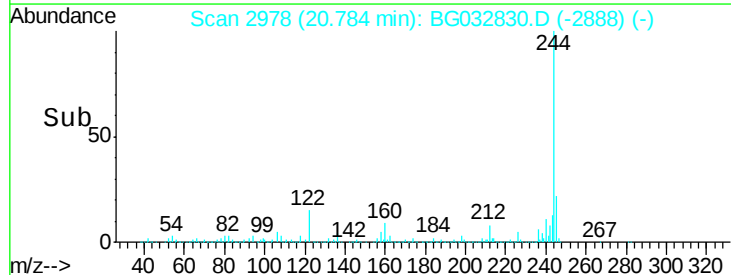
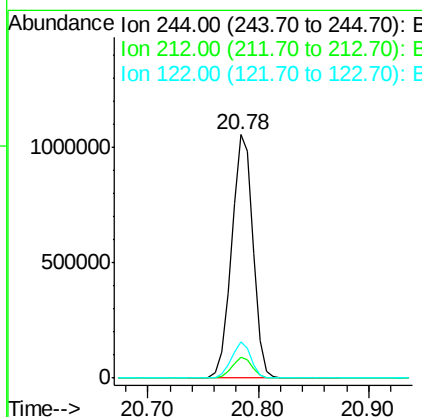
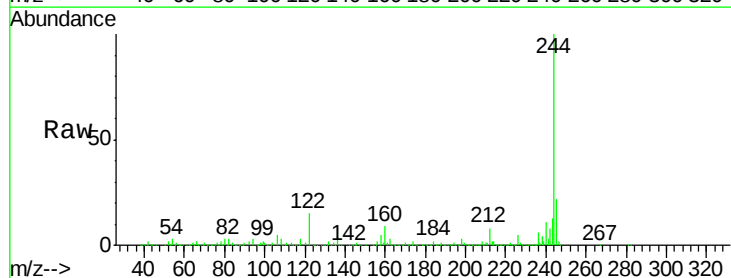
Instrument :
 BNA_G
 ClientSampleId :

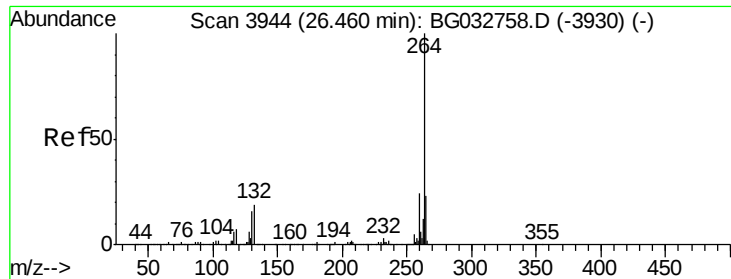
Tot Ion:240 Resp: 378442
 Ion Ratio Lower Upper
 240 100
 120 12.8 6.8 10.2#
 236 26.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 85.07 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.00 min
 Lab File: BG032830.D
 Acq: 26 Feb 2018 20:17

Tgt Ion:244 Resp: 1432893
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 14.7 7.0 10.4#

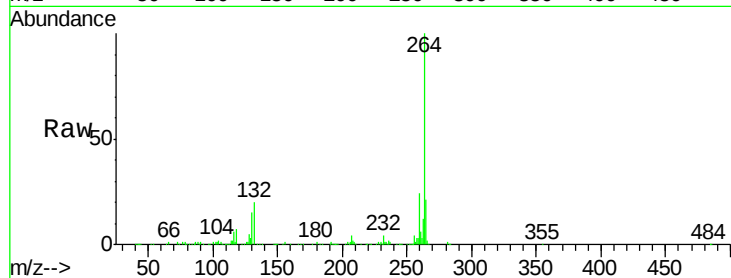




#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3940
Delta R.T. -0.00 min
Lab File: BG032830.D
Acq: 26 Feb 2018 20:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.2	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

