

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033999.D
 Acq On : 25 Apr 2018 22:56
 Operator : SJ/JU
 Sample : PB108595BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:29:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

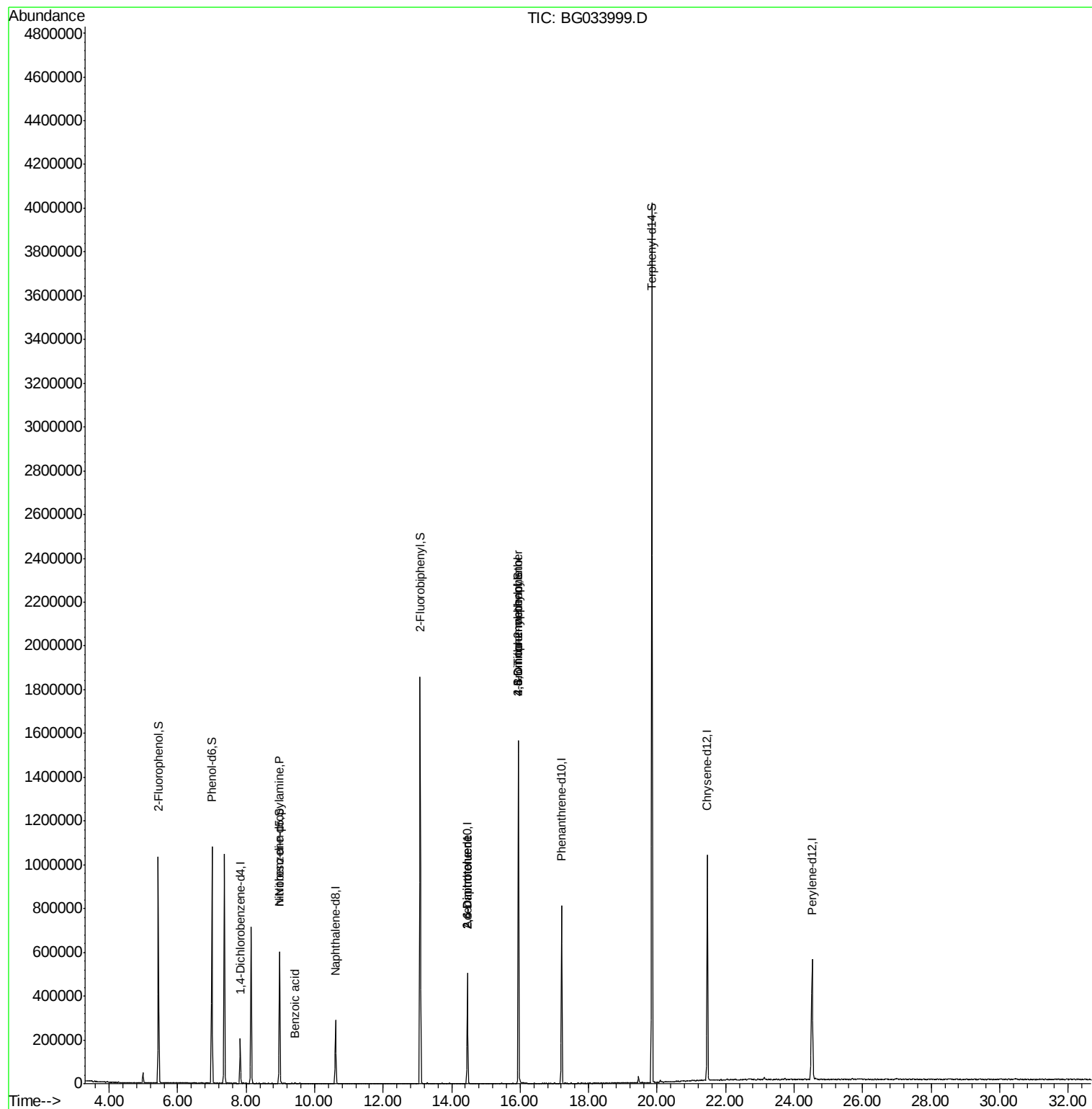
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	55503	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	256147	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	180282	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	497168	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	581302	20.00	ng	-0.03
86) Perylene-d12	24.52	264	572305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	442218	127.20	ng	0.00
7) Phenol-d6	7.00	99	597189	117.77	ng	0.00
23) Nitrobenzene-d5	8.97	82	356658	79.24	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	301655	143.42	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	977050	79.61	ng	-0.02
78) Terphenyl-d14	19.84	244	1940500	75.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1405	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	50518	11.688 ng	#	74
32) Benzoic acid	9.43	122	57	5.098 ng	#	1
50) 2,6-Dinitrotoluene	14.45	165	23402	7.787 ng	#	19
56) 2,4-Dinitrotoluene	14.45	165	23402	5.856 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.94	198	1250	6.941 ng	#	72
66) 4-Bromophenyl-phenylether	15.95	248	20033	3.669 ng	#	1

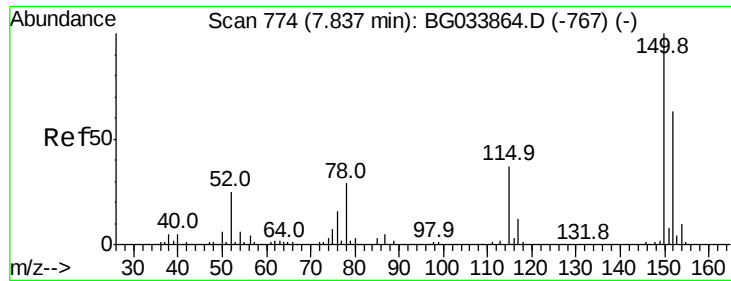
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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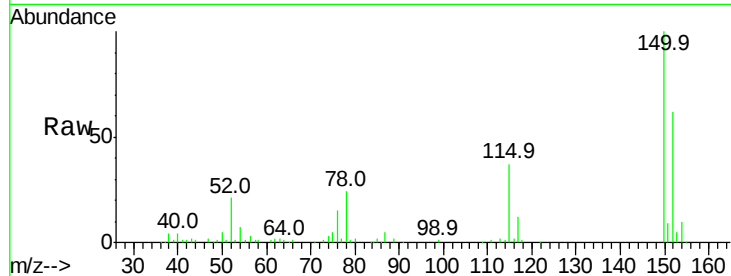


#1

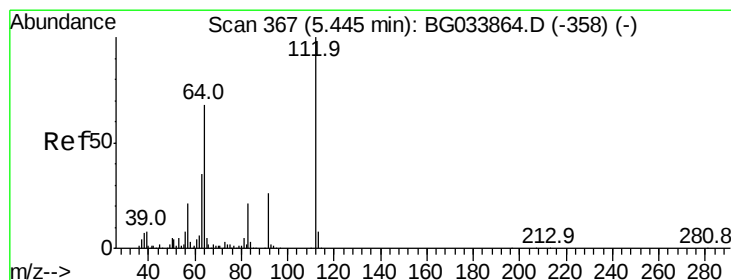
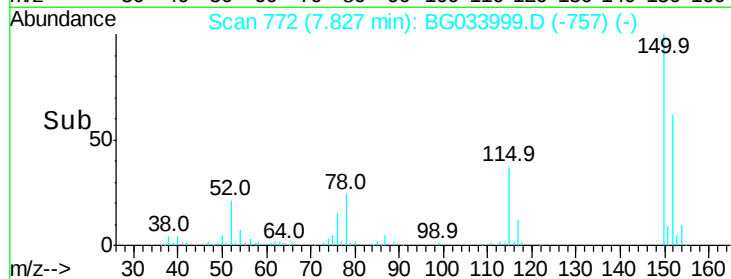
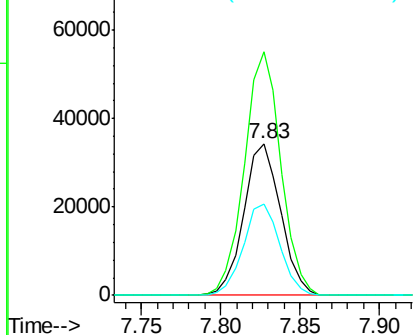
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 55503
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.6 189.8
 115 60.0 53.0 79.4



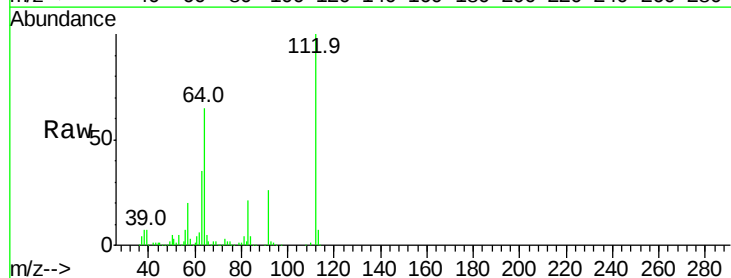
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



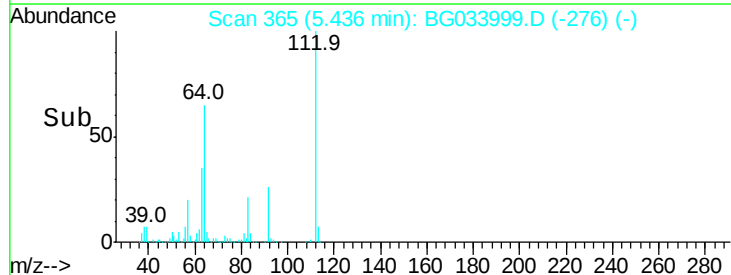
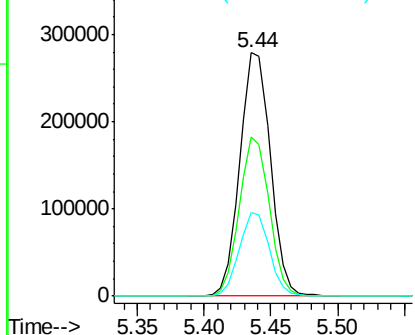
#5

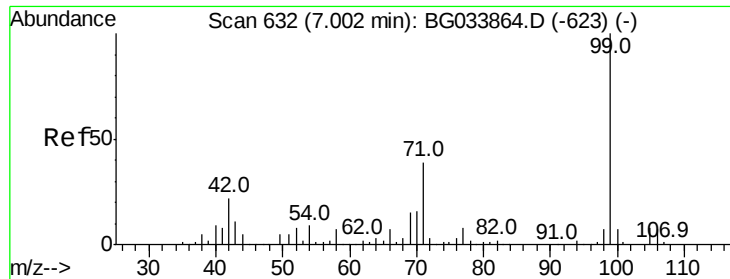
2-Fluorophenol
 Concen: 127.203 ng
 RT: 5.44 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion:112 Resp: 442218
 Ion Ratio Lower Upper
 112 100
 64 65.2 56.3 84.5
 63 34.5 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: 117.774 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

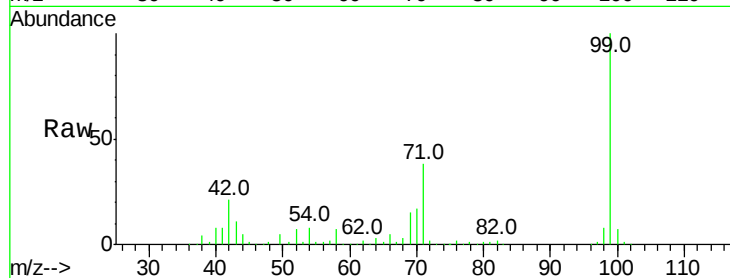
Tot Ion: 99 Resp: 597189

Ion Ratio Lower Upper

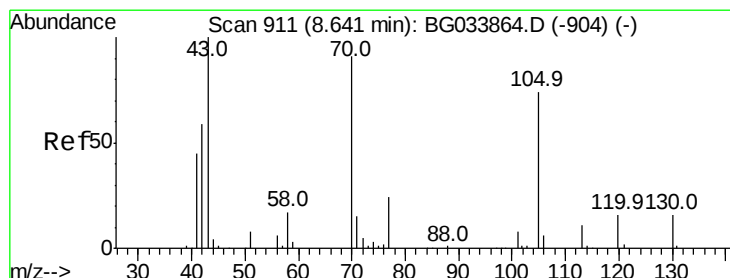
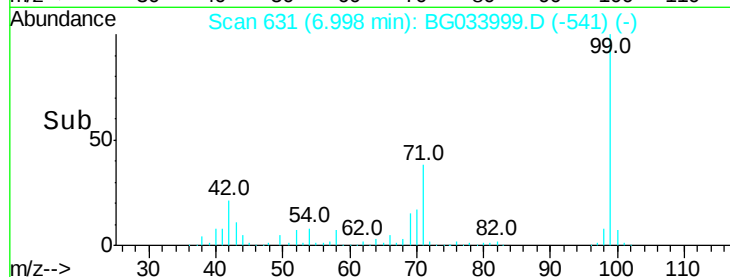
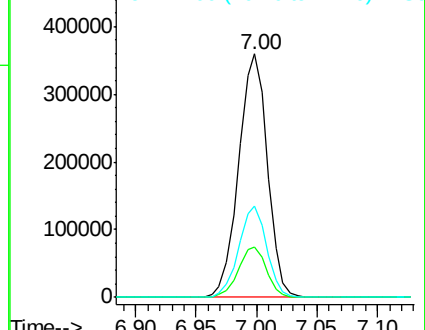
99 100

42 20.7 14.1 21.1

71 37.7 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: 11.688 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

Tgt Ion: 70 Resp: 50518

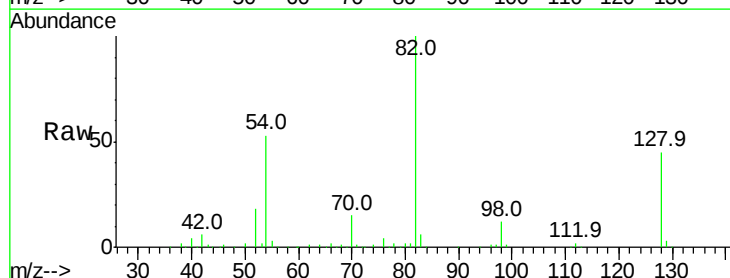
Ion Ratio Lower Upper

70 100

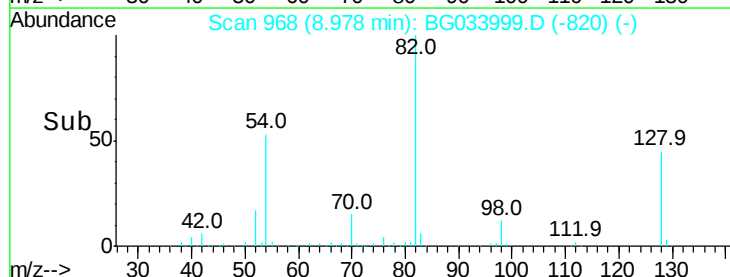
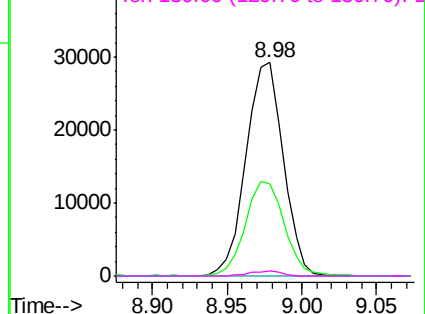
42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 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

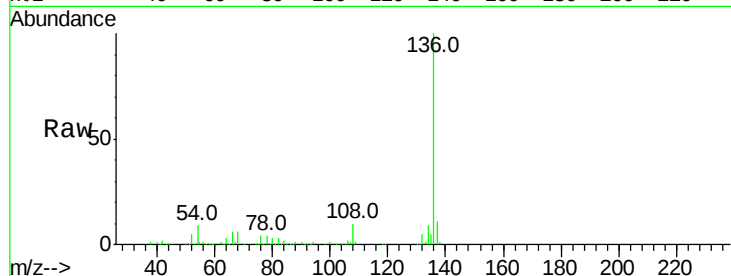




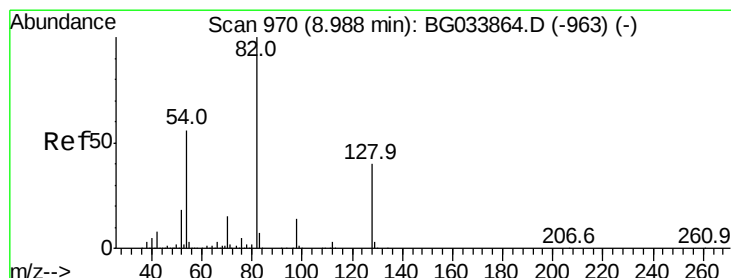
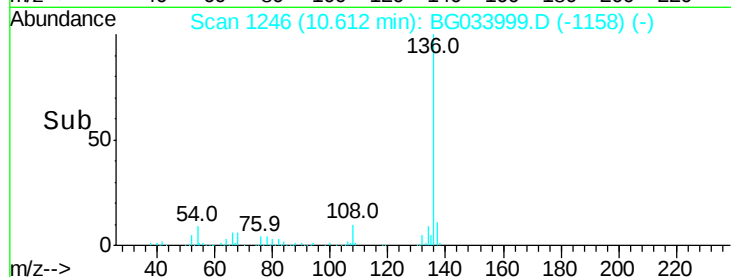
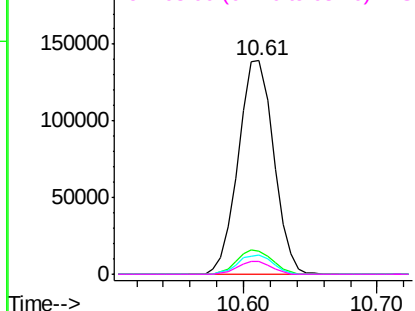
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	256147
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.0	10.3	15.5#
68	5.7	4.5	6.7

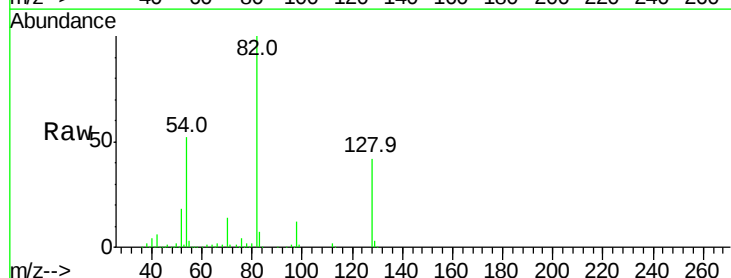


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

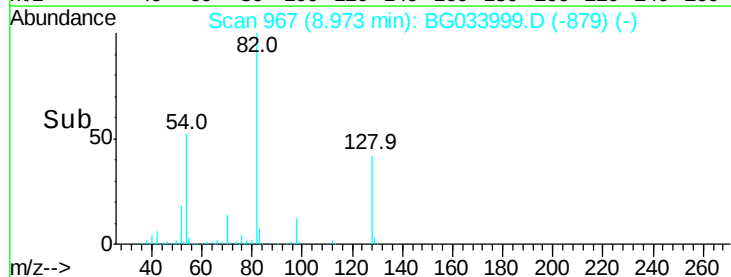
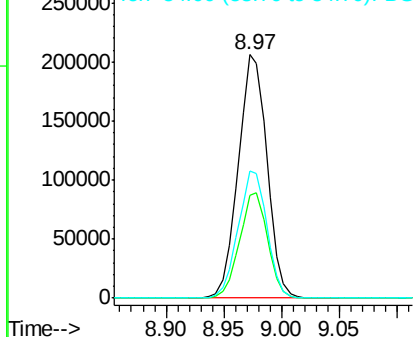


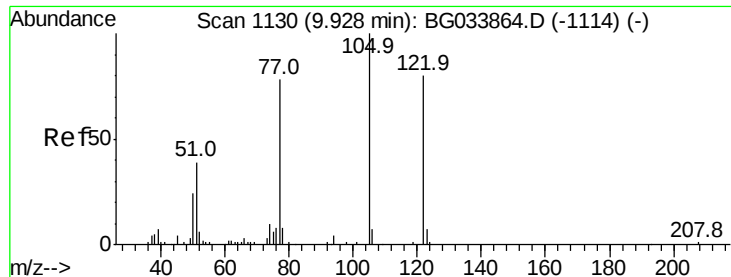
#23
Nitrobenzene-d5
Concen: 79.241 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Tgt Ion:	82	Resp:	356658
Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	52.4	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

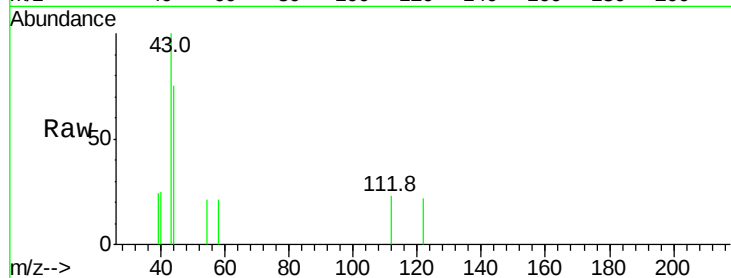




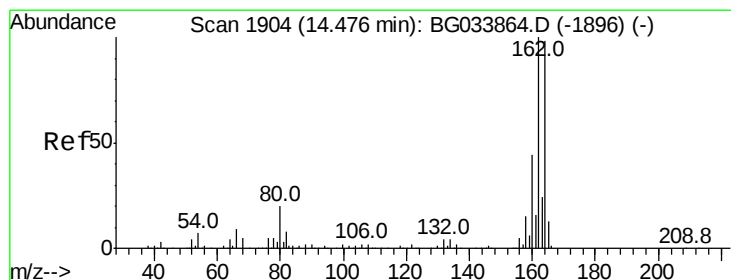
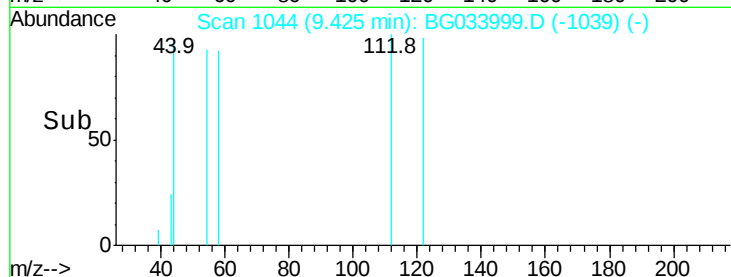
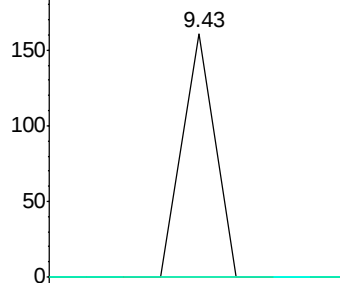
#32
Benzoic acid
Concen: 5.098 ng
RT: 9.43 min Scan# 1044
Delta R.T. -0.50 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

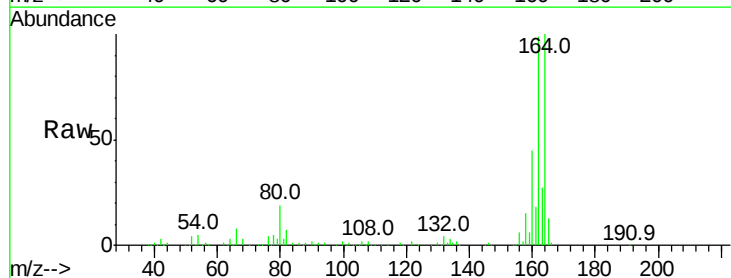


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

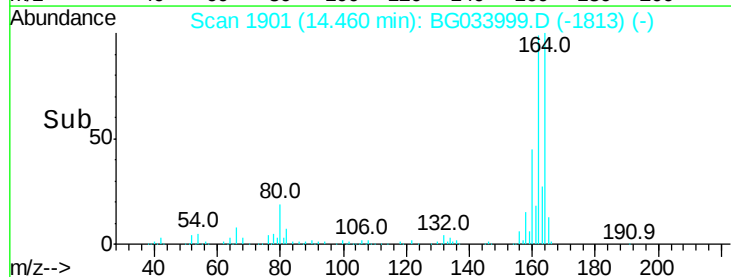
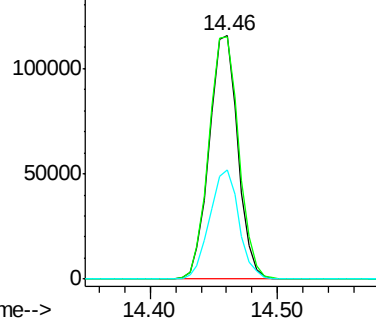


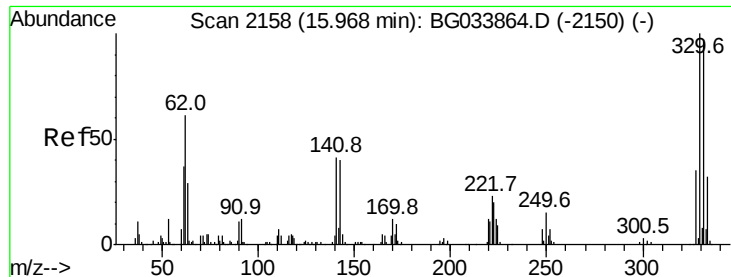
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Tgt Ion:164 Resp: 180282
Ion Ratio Lower Upper
164 100
162 99.4 78.8 118.2
160 45.0 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

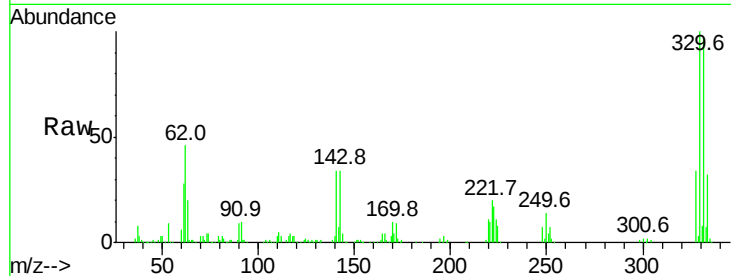




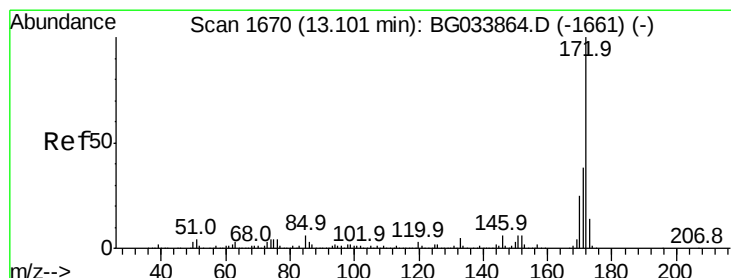
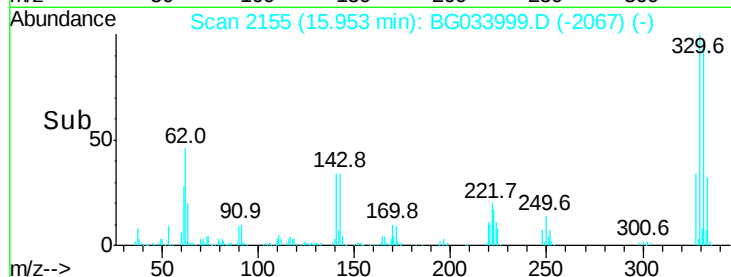
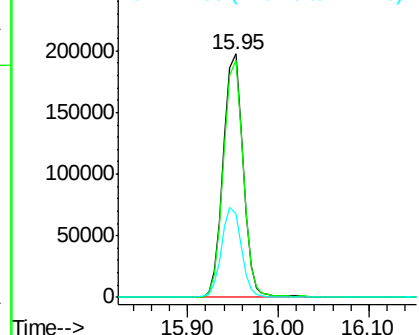
#41
 2,4,6-Tribromophenol
 Concen: 143.421 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	25.2	37.8

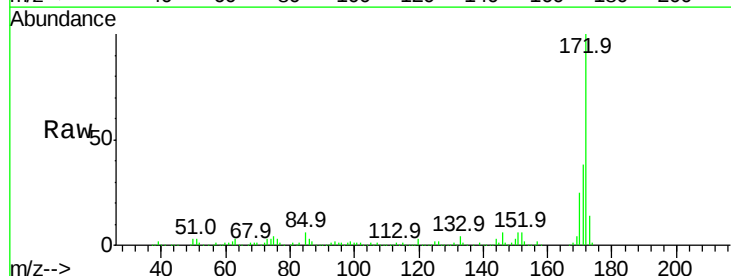


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

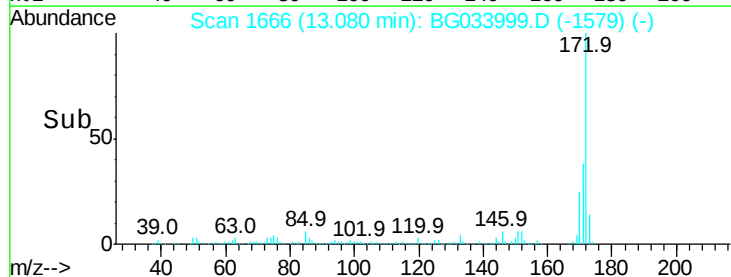
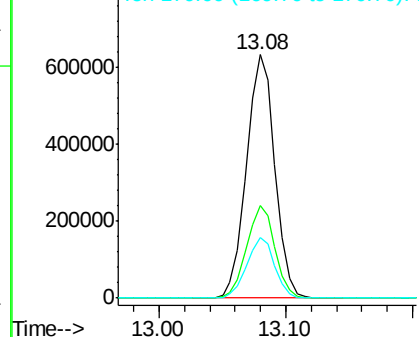


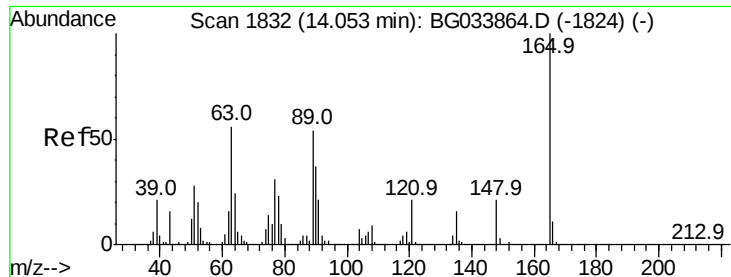
#44
 2-Fluorobiphenyl
 Concen: 79.615 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.7	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

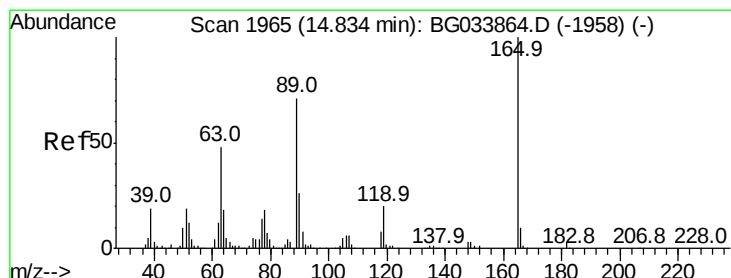
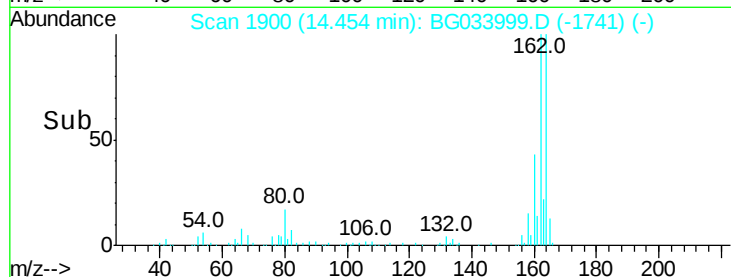
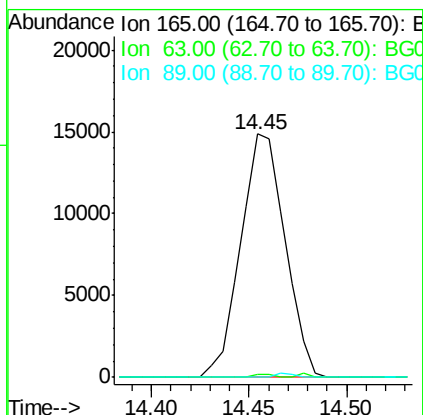
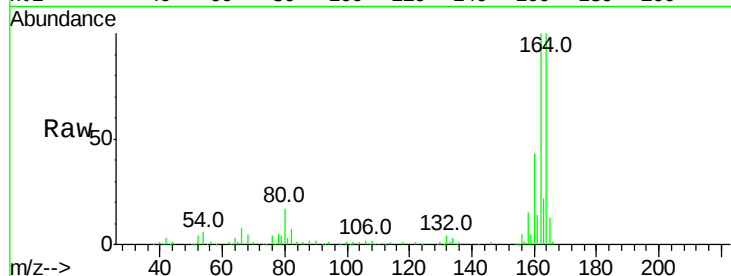




#50
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.40 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

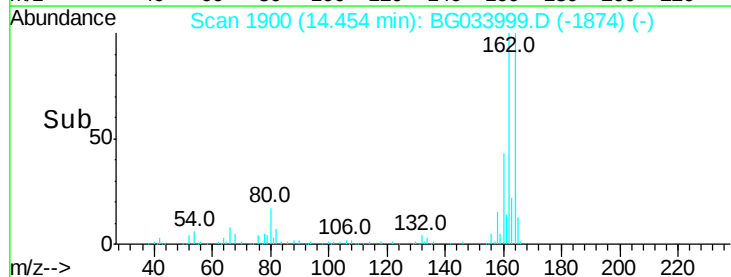
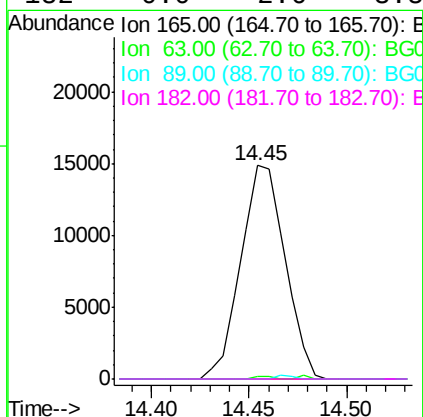
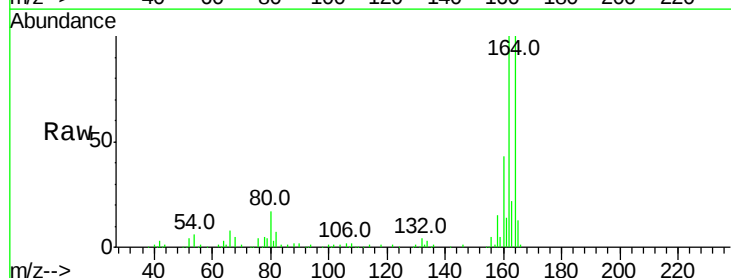
Instrument :
BNA_G
ClientSampleId :

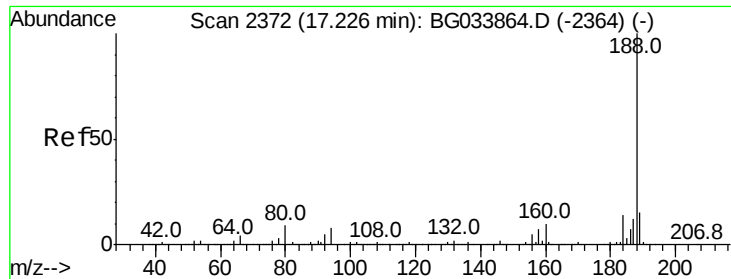
Tot Ion:165 Resp: 23402
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.38 min
Lab File: BG033999.D
Acq: 25 Apr 2018 22:56

Tgt Ion:165 Resp: 23402
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

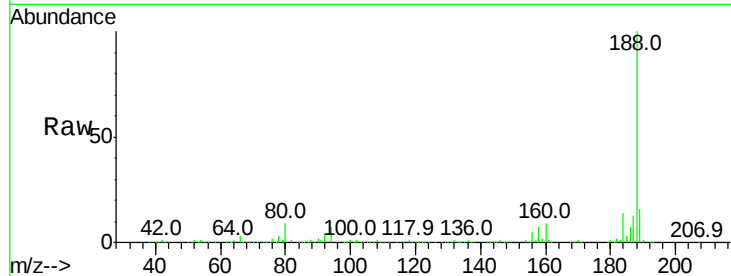
Tot Ion:188 Resp: 497168

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

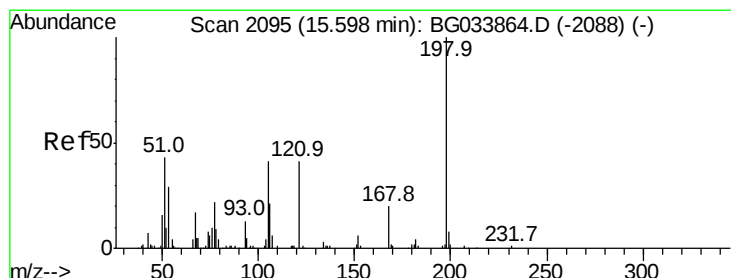
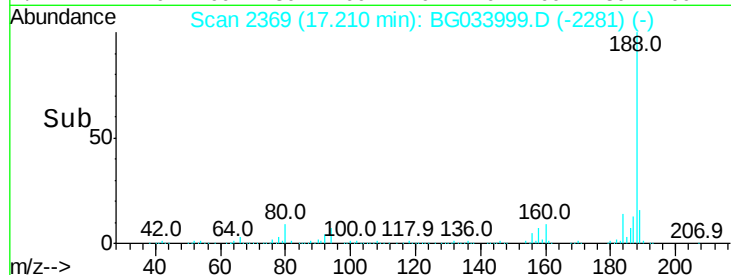
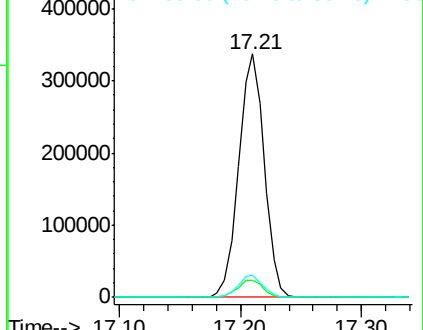
80 9.1 7.7 11.5



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: 6.941 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.34 min

Lab File: BG033999.D

Acq: 25 Apr 2018 22:56

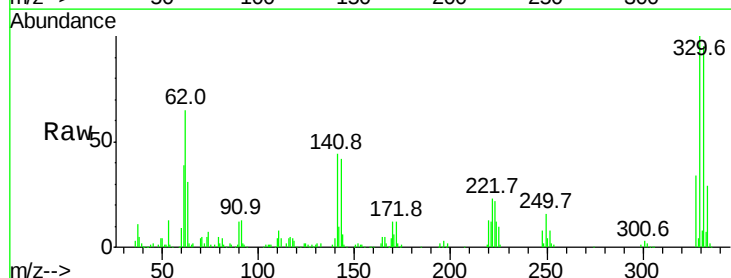
Tgt Ion:198 Resp: 1250

Ion Ratio Lower Upper

198 100

51 38.6 30.6 70.6

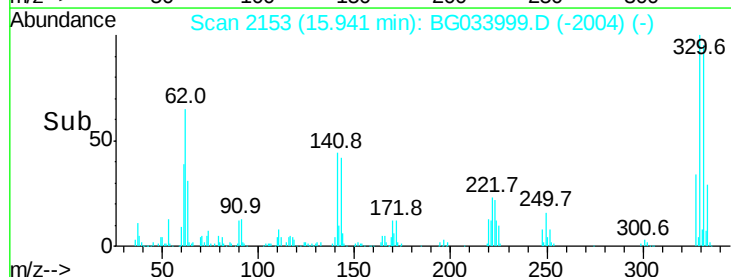
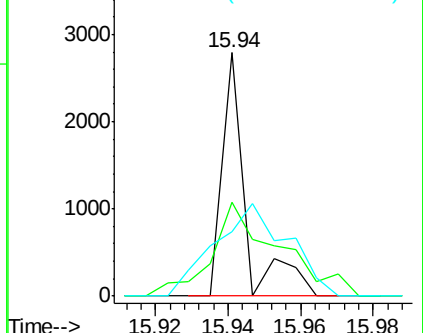
105 70.2 23.8 63.8#

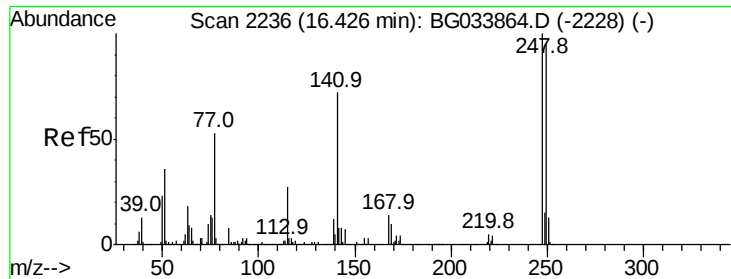


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

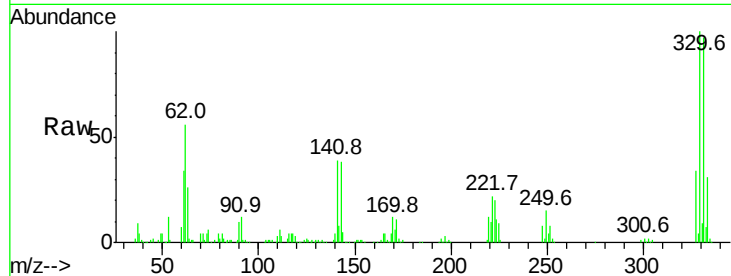




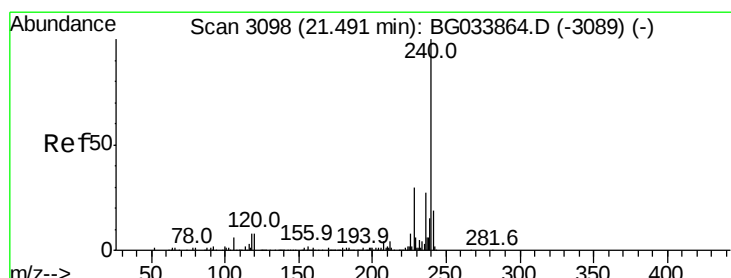
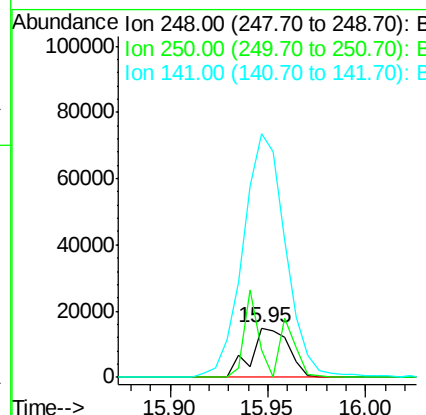
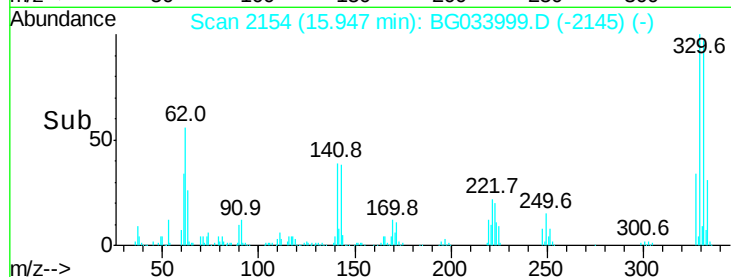
#66
 4-Bromophenyl-phenylether
 Concen: 3.669 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.48 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 20033
 Ion Ratio Lower Upper
 248 100
 250 42.0 77.1 115.7#
 141 380.2 50.8 76.2#

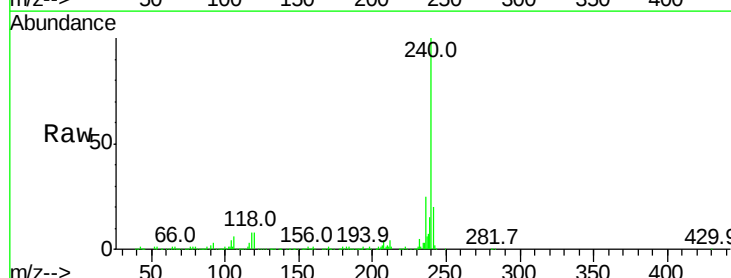


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

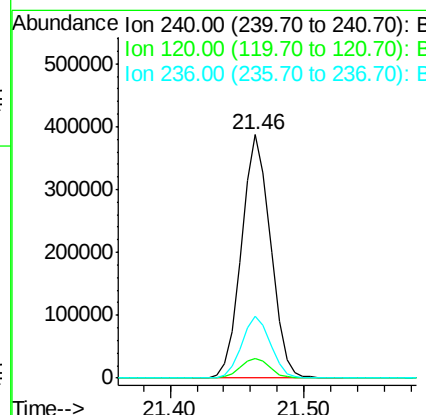
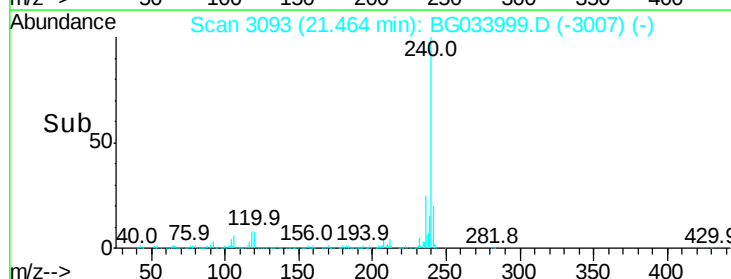


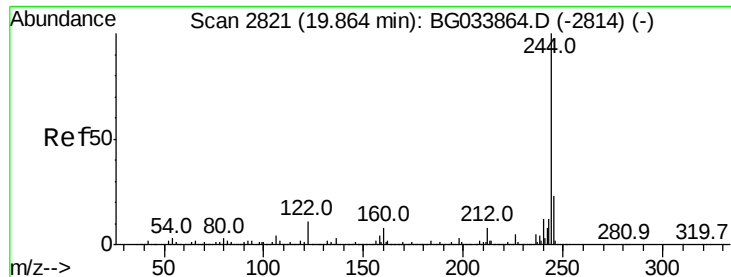
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion:240 Resp: 581302
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.8 10.2
 236 25.3 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



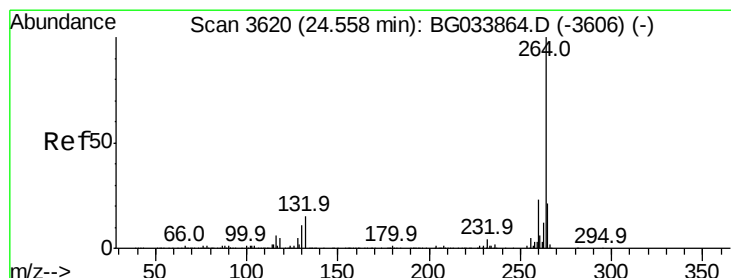
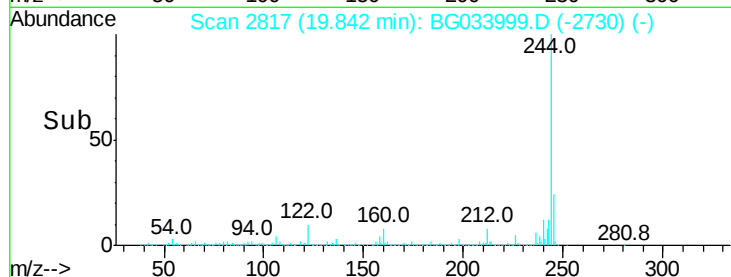
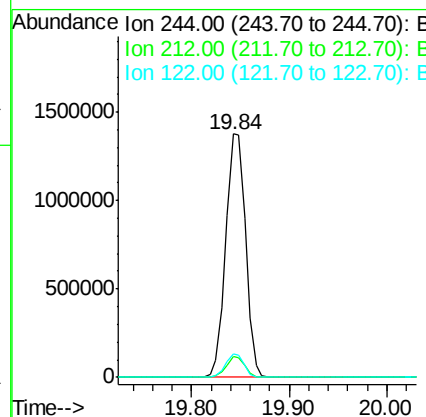
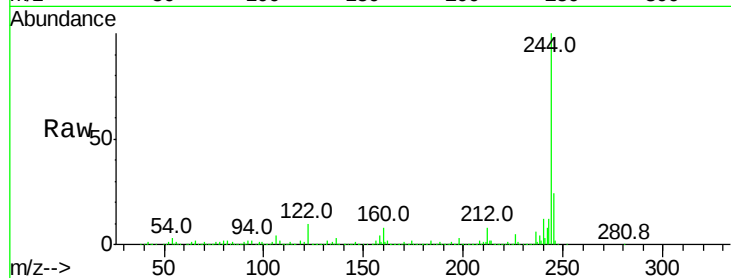


#78
 Terphenyl-d14
 Concen: 74.996 ng
 RT: 19.84 min Scan# 2817
 Delta R.T. -0.02 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1940500

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.03 min
 Lab File: BG033999.D
 Acq: 25 Apr 2018 22:56

Tgt Ion:264 Resp: 572305

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.5	17.7	26.5

