

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033996.D
 Acq On : 25 Apr 2018 21:02
 Operator : SJ/JU
 Sample : PB108550TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:28:37 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

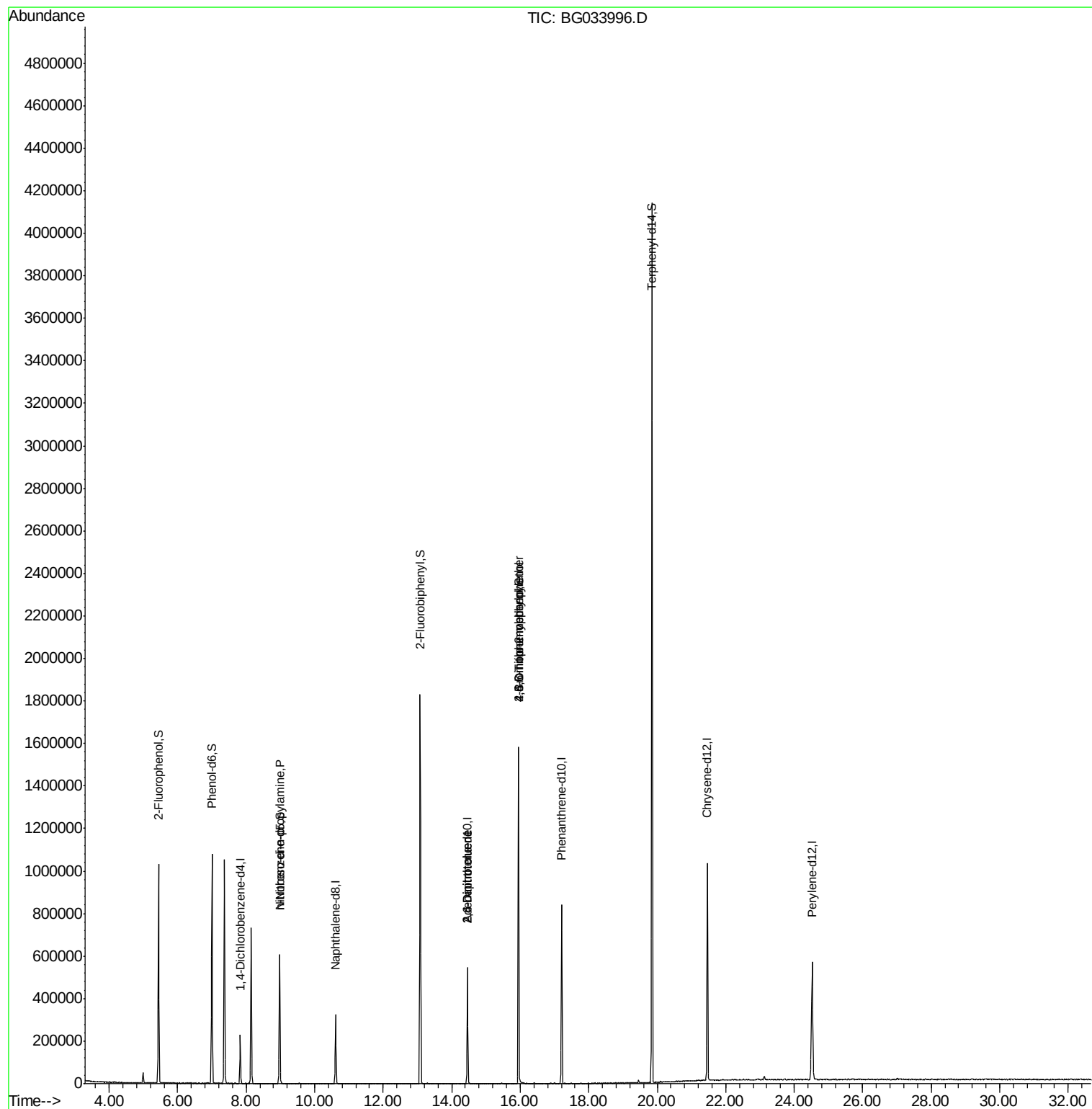
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	61658	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	272155	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	190353	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	518468	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	605593	20.00	ng	-0.03
86) Perylene-d12	24.52	264	588944	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	452341	117.13	ng	0.00
7) Phenol-d6	7.00	99	601698	106.82	ng	0.00
23) Nitrobenzene-d5	8.98	82	360640	75.41	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	297392	133.91	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	981124	75.72	ng	-0.02
78) Terphenyl-d14	19.85	244	1905446	70.69	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	975	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.98	70	50133	10.441 ng	#	5
50) 2,6-Dinitrotoluene	14.46	165	24891	7.844 ng	#	76
56) 2,4-Dinitrotoluene	14.46	165	24891	5.899 ng	#	20
64) 4,6-Dinitro-2-methylphenol	15.95	198	4039	7.888 ng	#	18
66) 4-Bromophenyl-phenylether	15.95	248	20244	3.555 ng	#	62
					#	1

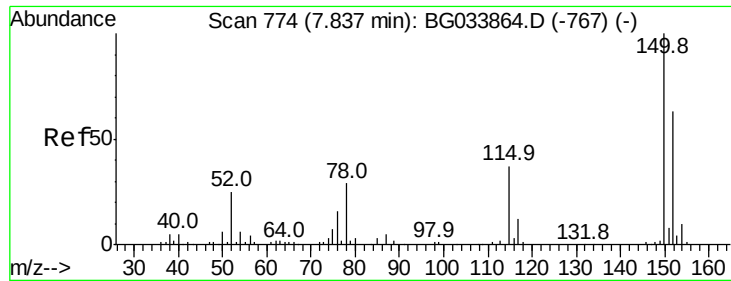
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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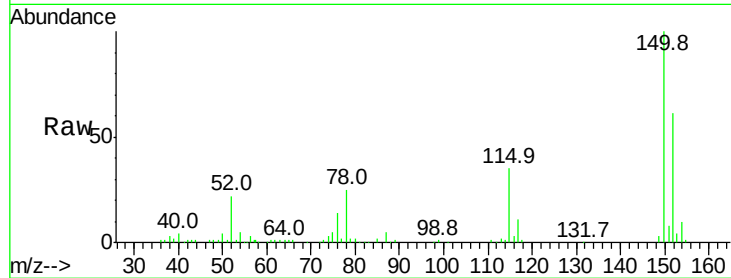


#1

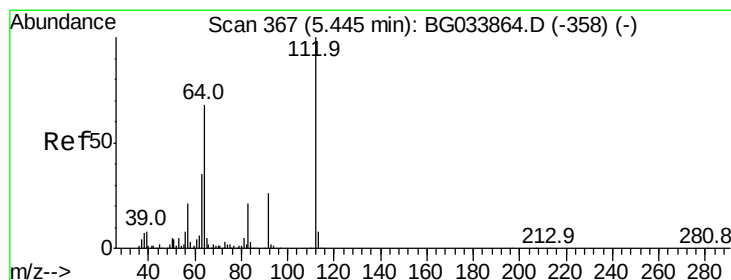
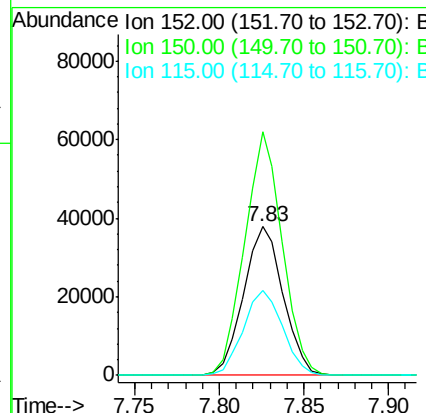
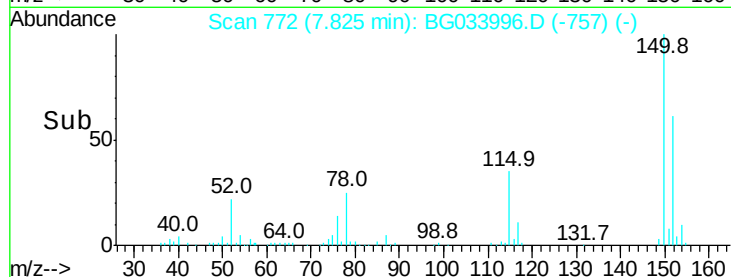
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 61658
Ion Ratio Lower Upper
152 100
150 164.0 126.6 189.8
115 57.5 53.0 79.4



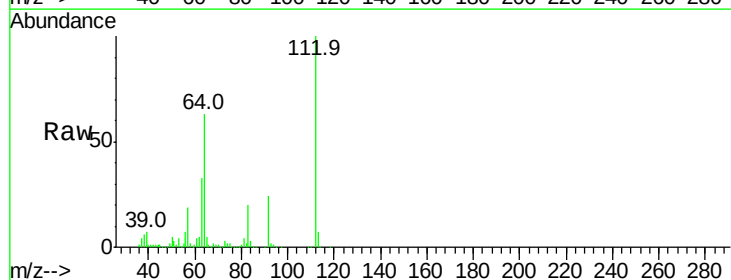
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



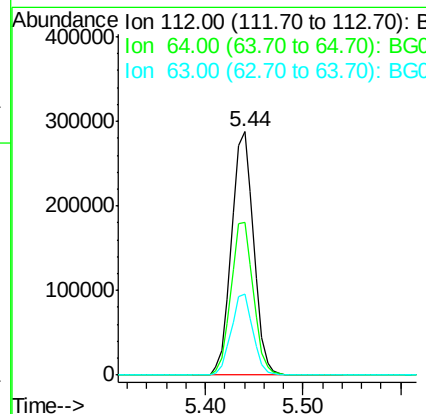
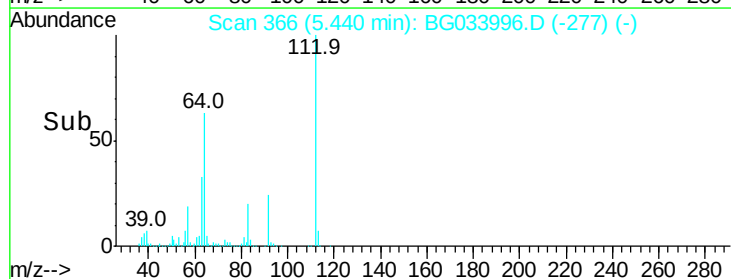
#5

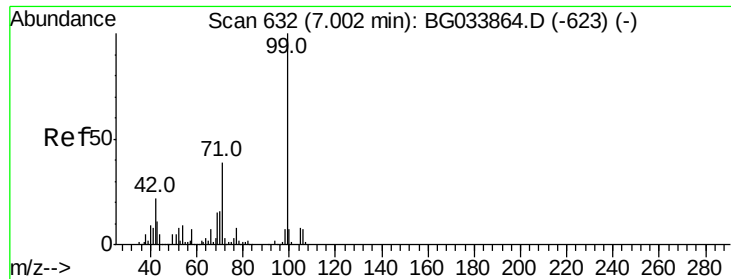
2-Fluorophenol
Concen: 117.126 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Tgt Ion:112 Resp: 452341
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 33.4 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: 106.818 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Instrument :

BNA_G

ClientSampled :

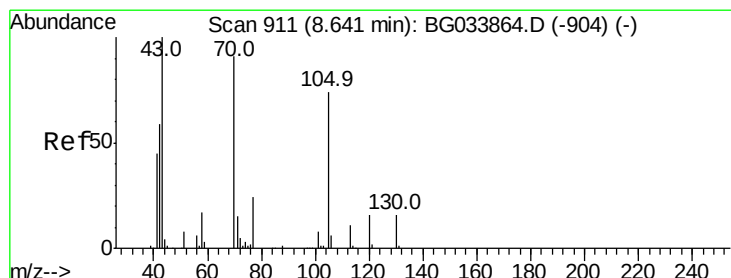
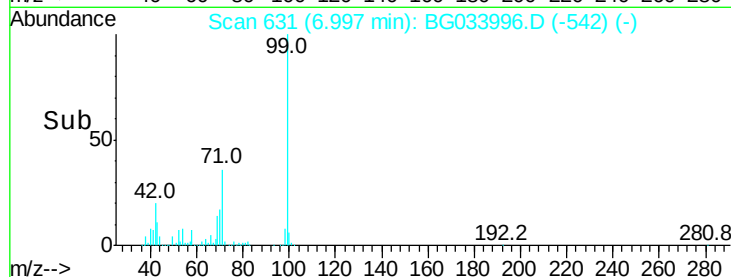
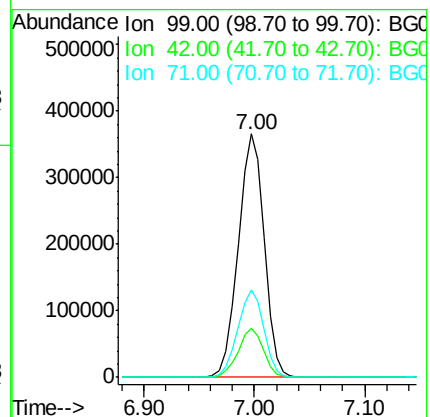
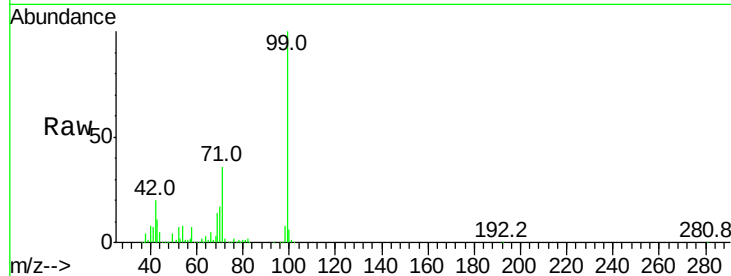
Tot Ion: 99 Resp: 601698

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 35.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.441 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Tgt Ion: 70 Resp: 50133

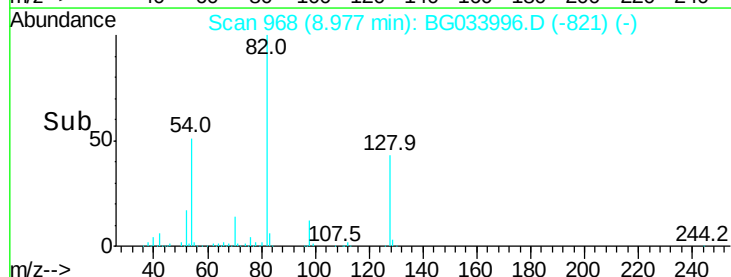
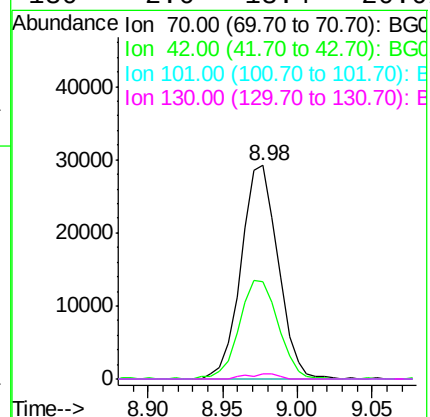
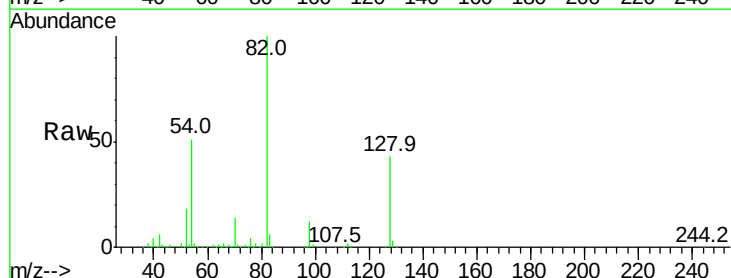
Ion Ratio Lower Upper

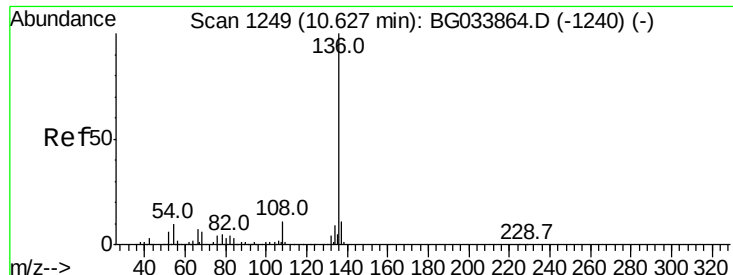
70 100

42 45.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

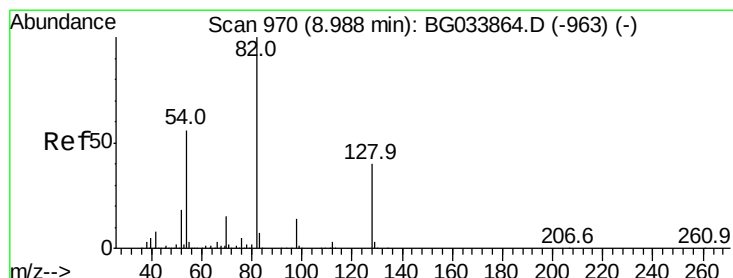
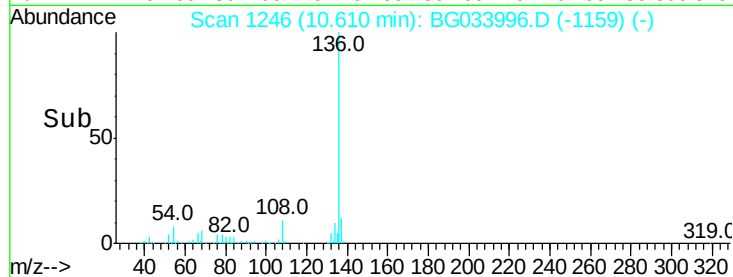
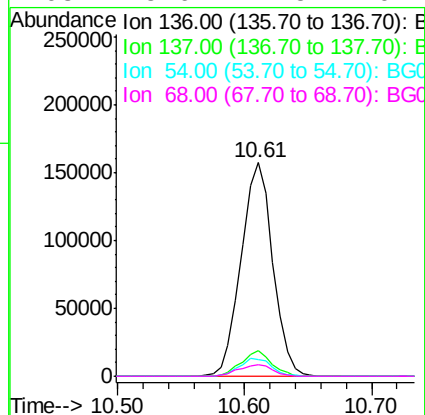
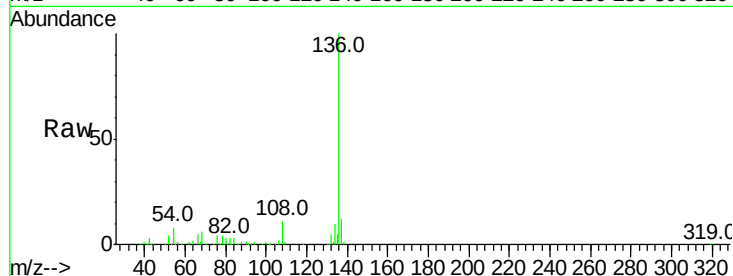




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

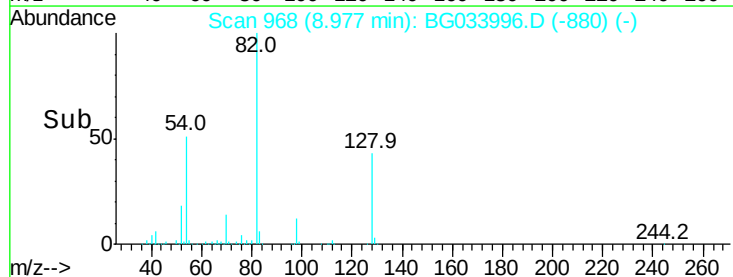
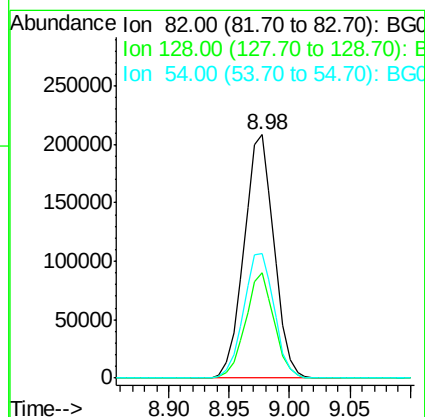
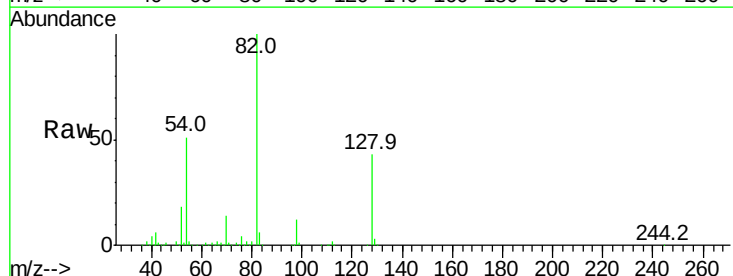
Instrument :
BNA_G
ClientSampleId :

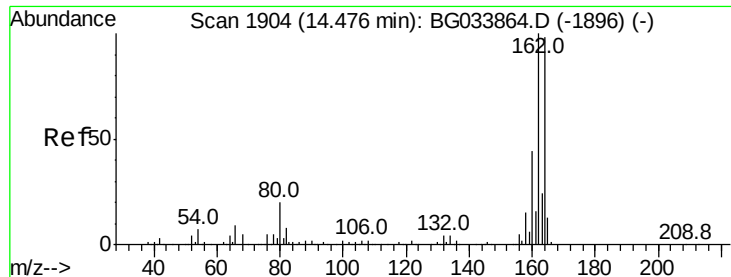
Tot Ion:	136	Resp:	272155
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.0	10.3	15.5#
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 75.412 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Tgt Ion:	82	Resp:	360640
Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	51.0	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Instrument :

BNA_G

ClientSampleId :

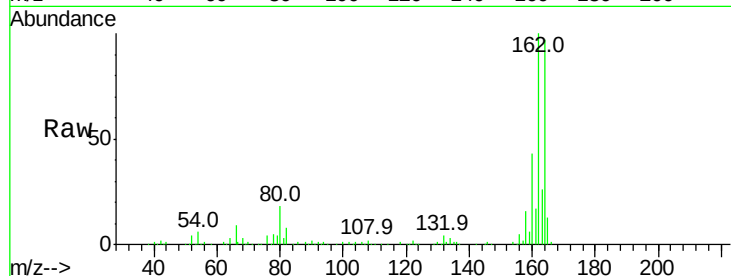
Tot Ion:164 Resp: 190353

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

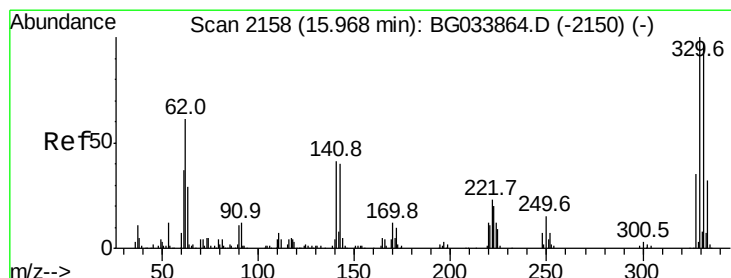
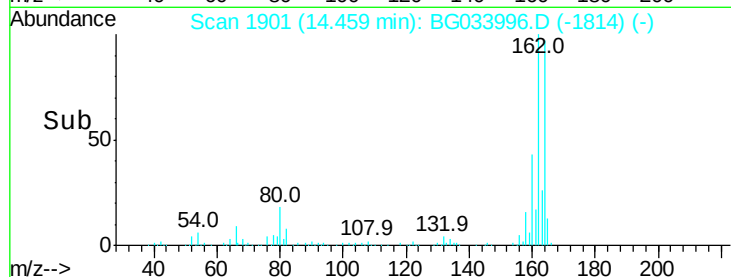
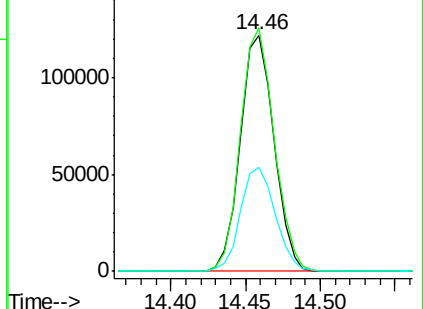
160 44.1 35.4 53.0



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: 133.914 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

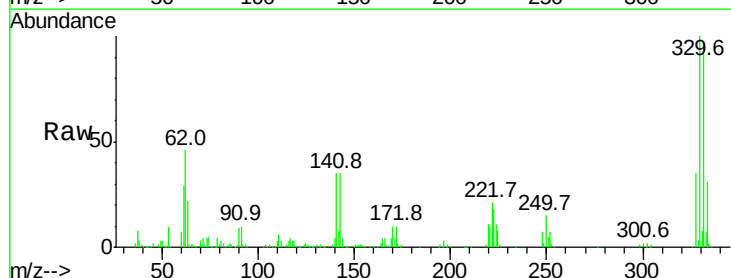
Tgt Ion:330 Resp: 297392

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

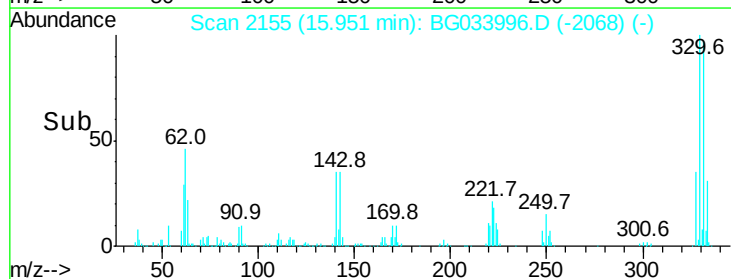
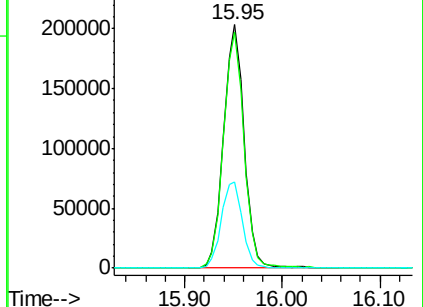
141 36.3 25.2 37.8

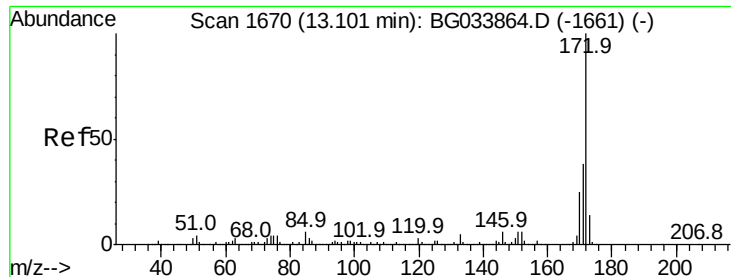


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

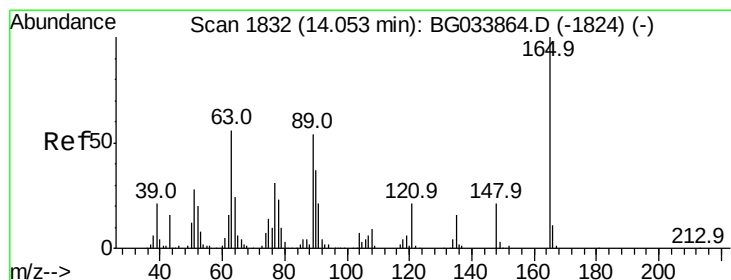
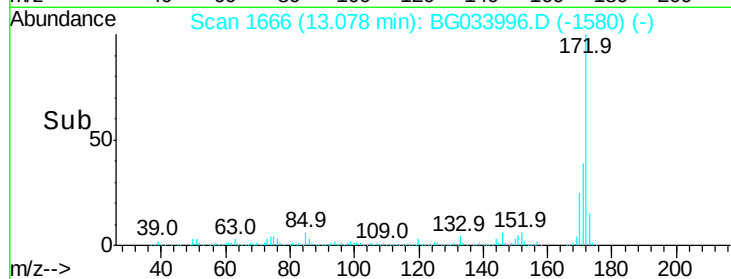
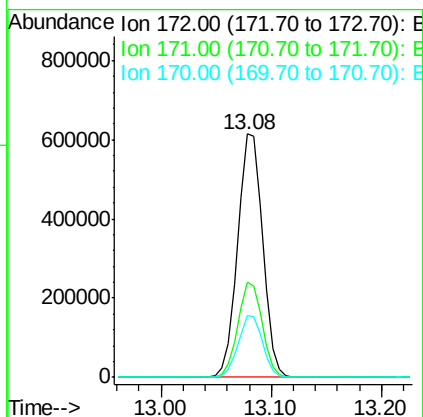
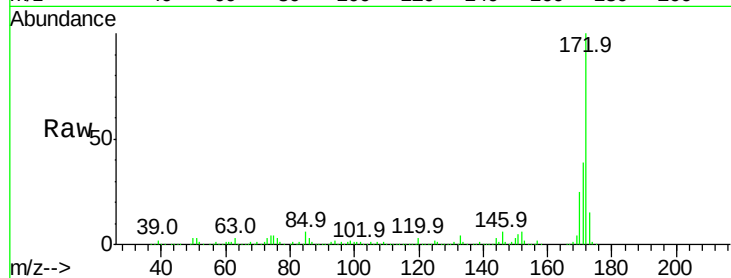




#44
 2-Fluorobiphenyl
 Concen: 75.717 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

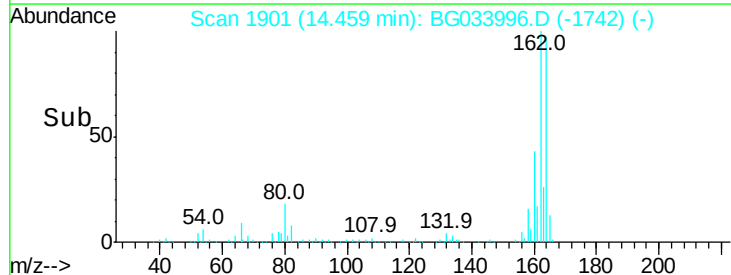
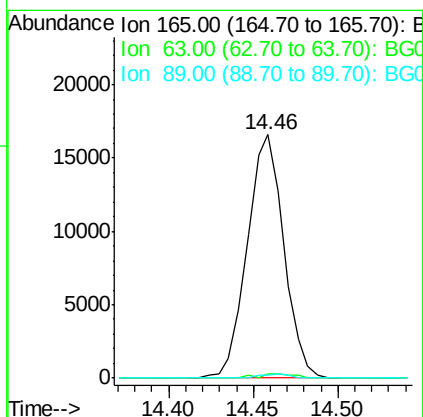
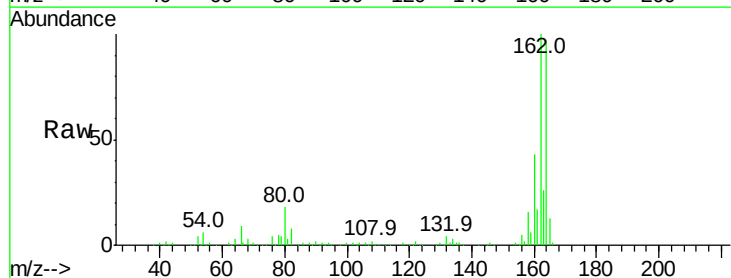
Instrument :
 BNA_G
 ClientSampleId :

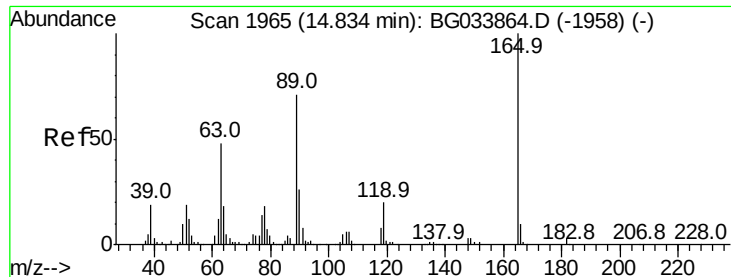
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.844 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.41 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	1.0	49.2	73.8#

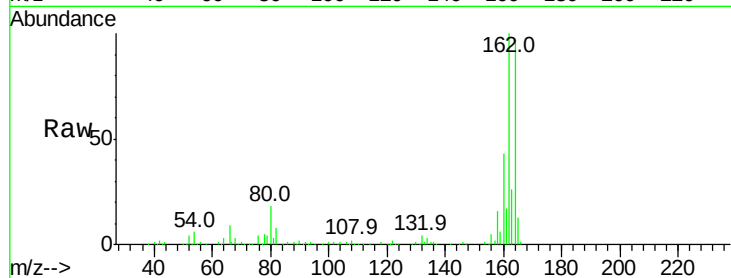




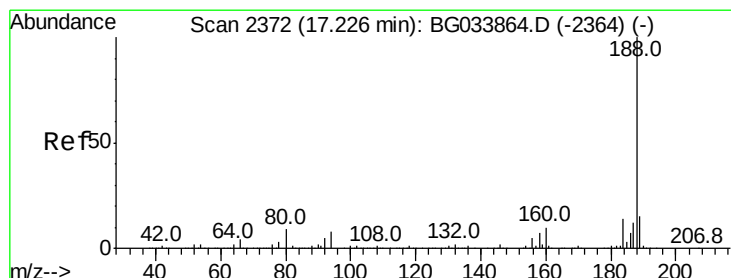
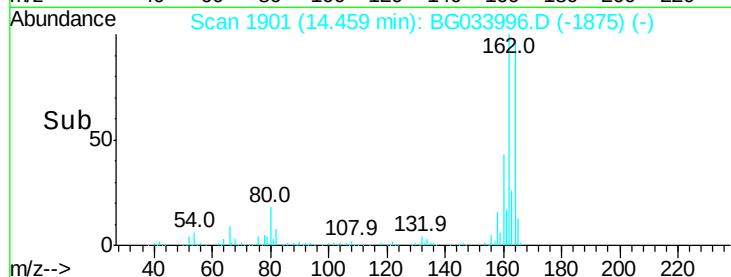
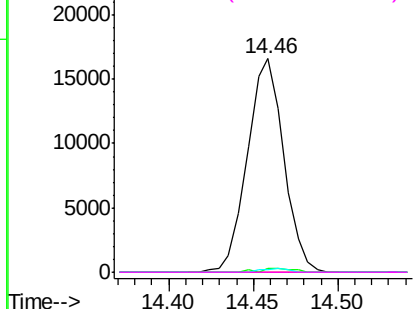
#56
 2,4-Dinitrotoluene
 Concen: 5.899 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 24891
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.0 63.0#
 89 1.0 66.9 100.3#
 182 0.0 2.6 3.8#

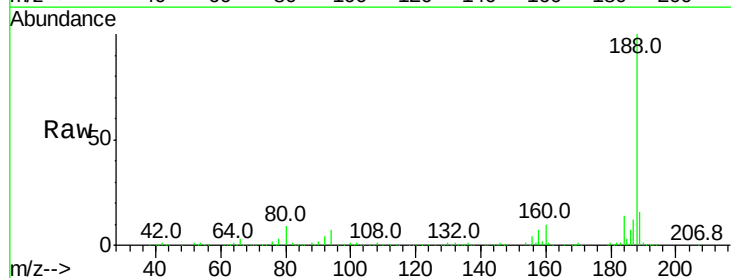


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

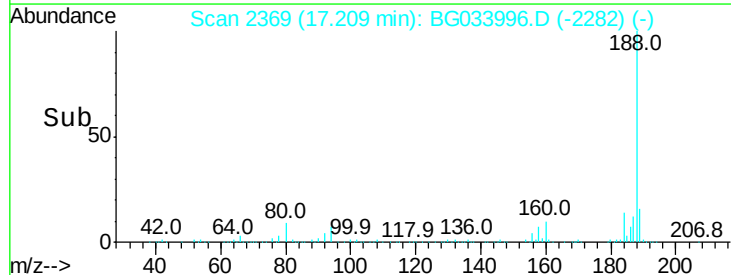
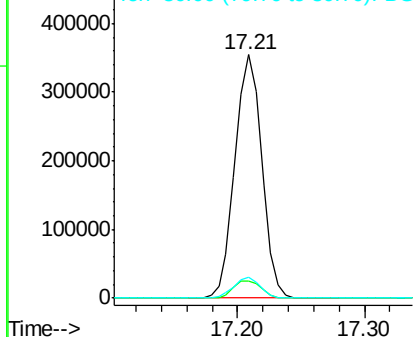


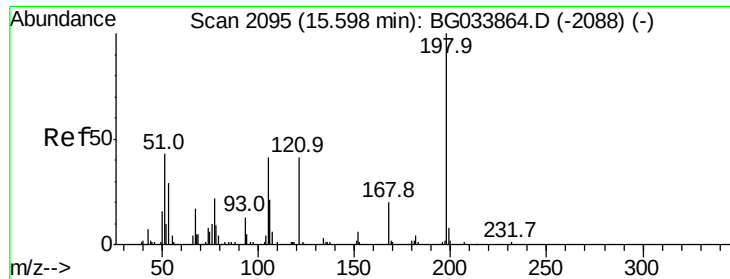
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion:188 Resp: 518468
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.8 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

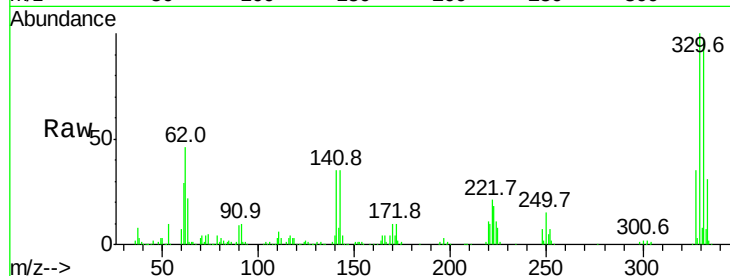




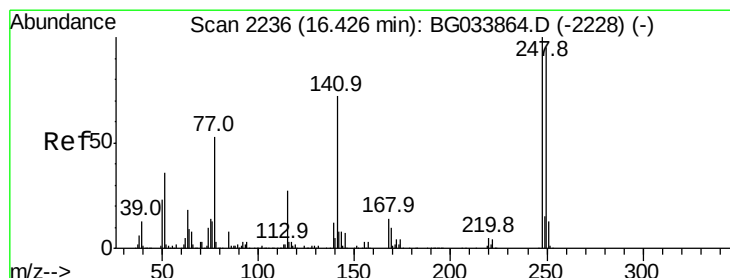
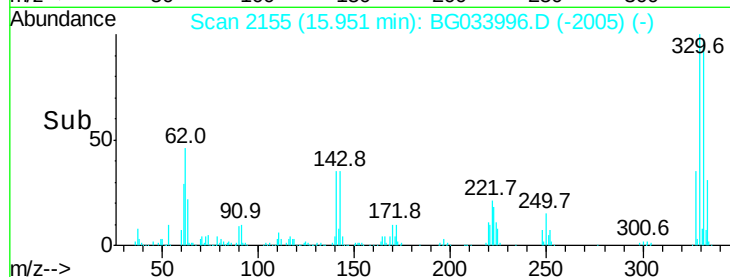
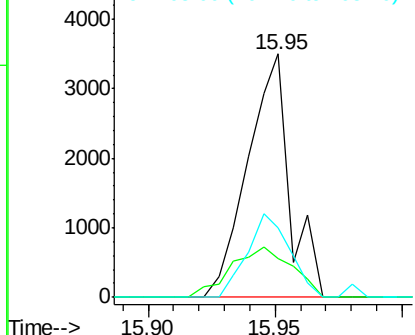
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.888 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. 0.35 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 4039
 Ion Ratio Lower Upper
 198 100
 51 15.8 30.6 70.6#
 105 28.5 23.8 63.8

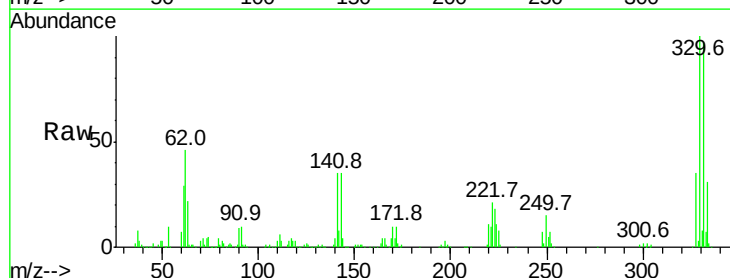


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

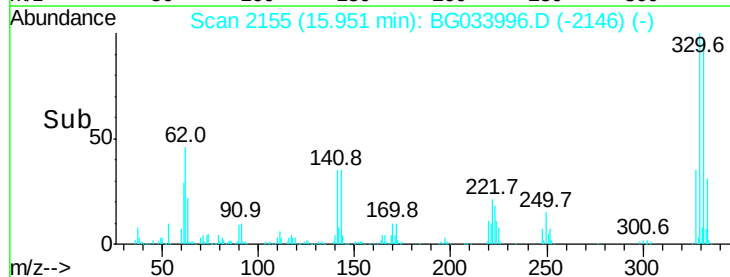
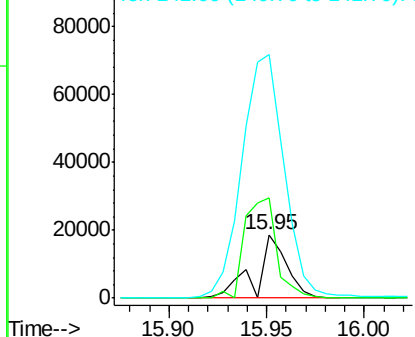


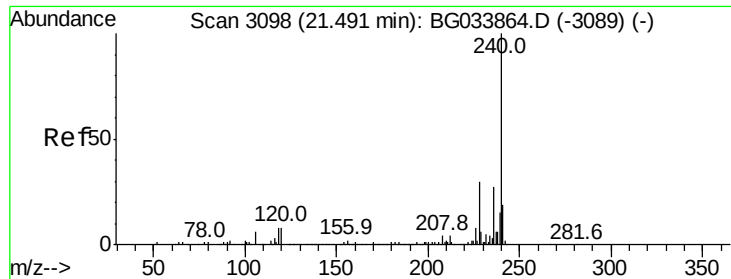
#66
 4-Bromophenyl-phenylether
 Concen: 3.555 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.48 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion:248 Resp: 20244
 Ion Ratio Lower Upper
 248 100
 250 206.8 77.1 115.7#
 141 383.1 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: 21.46 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Instrument :

BNA_G

ClientSampleId :

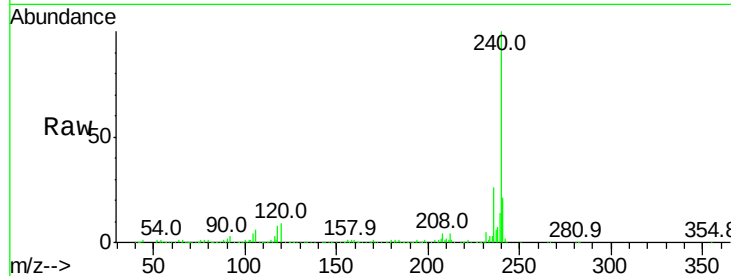
Tot Ion:240 Resp: 605593

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

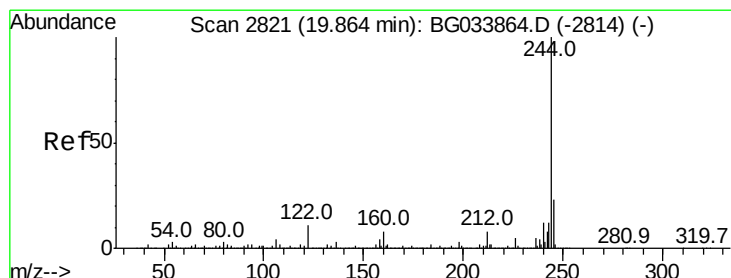
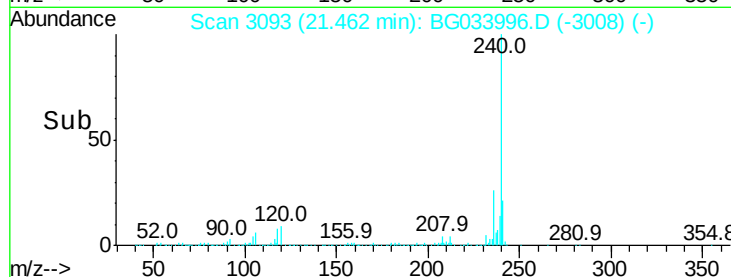
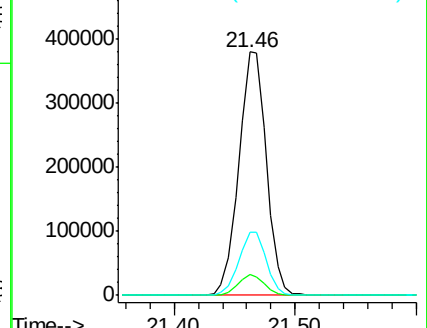
236 26.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 70.688 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

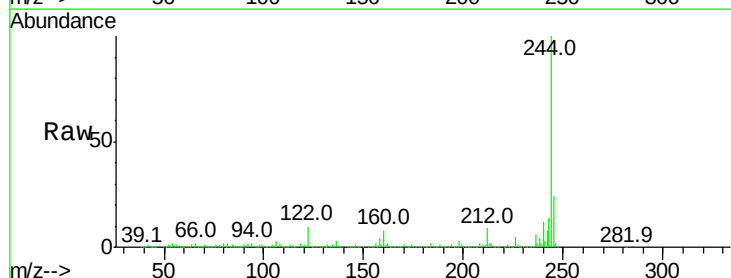
Tgt Ion:244 Resp: 1905446

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

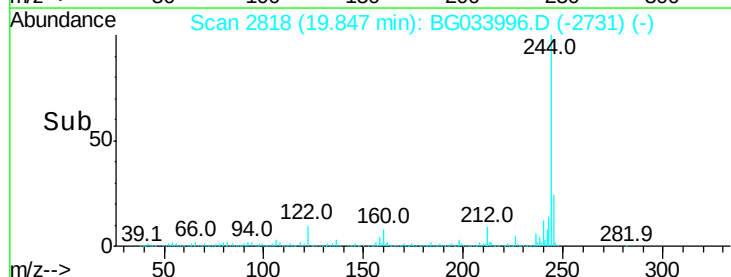
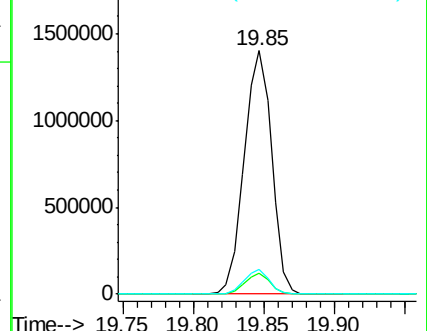
122 9.9 7.0 10.4

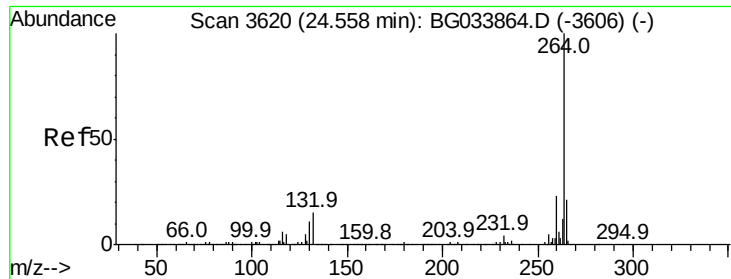


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	17.7	26.5

