

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033925.D
 Acq On : 23 Apr 2018 17:49
 Operator : SJ/JU
 Sample : J2492-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 03:20:13 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

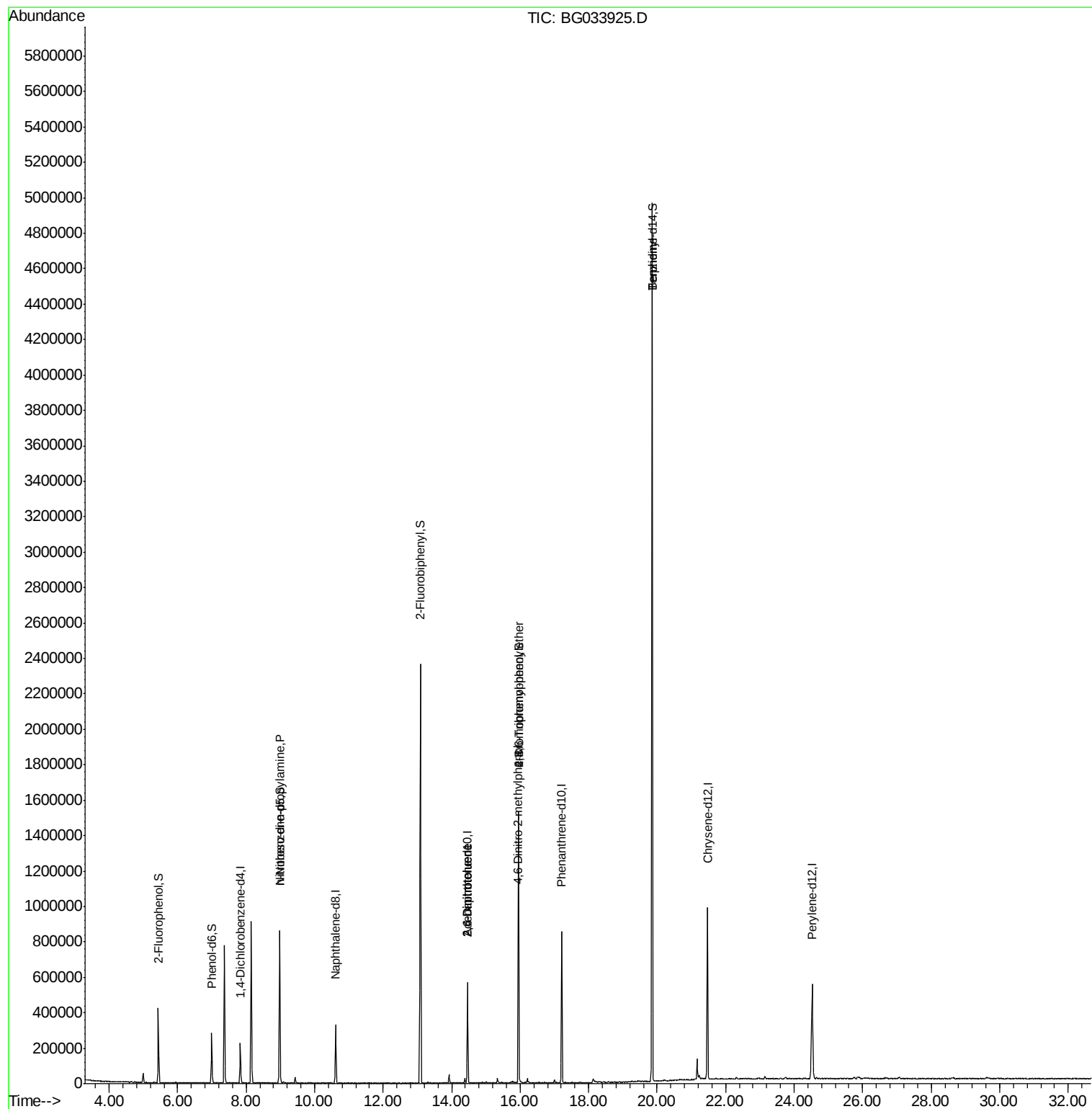
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63437	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	276520	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	192591	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	526017	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	555511	20.00	ng	-0.02
86) Perylene-d12	24.52	264	557718	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	182706	45.98	ng	0.00
7) Phenol-d6	6.99	99	157031	27.10	ng	-0.01
23) Nitrobenzene-d5	8.98	82	505087	103.95	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	267289	118.96	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1213944	92.60	ng	-0.02
78) Terphenyl-d14	19.85	244	2323126	93.95	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.99	77	226	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	70965	14.365 ng	#	77
50) 2,6-Dinitrotoluene	14.46	165	25121	7.825 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	25121	5.884 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.93	198	372	6.616 ng		83
66) 4-Bromophenyl-phenylether	15.95	248	16728	2.896 ng	#	1
76) Benizidine	19.85	184	39580	2.639 ng	#	93

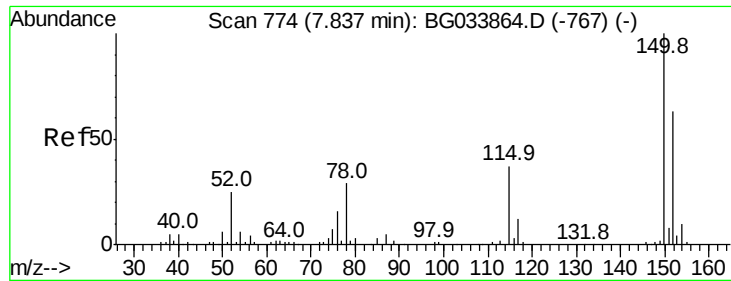
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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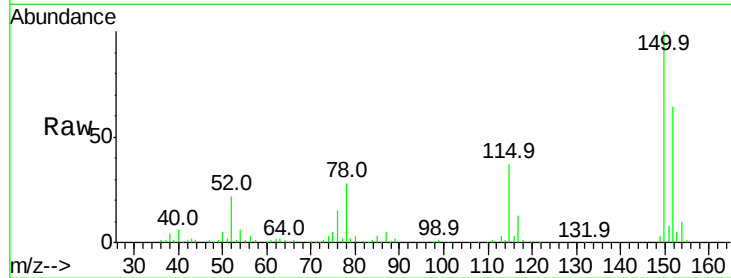


#1

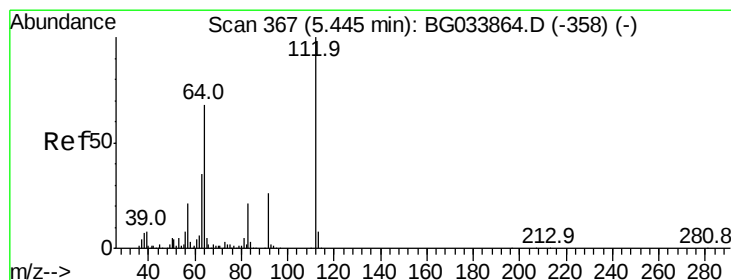
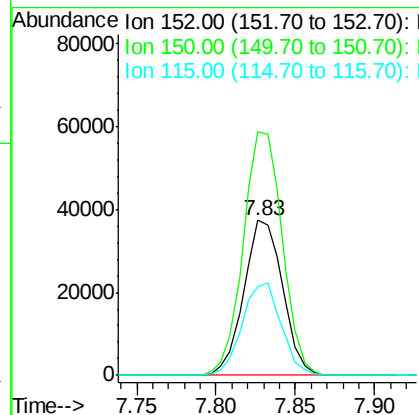
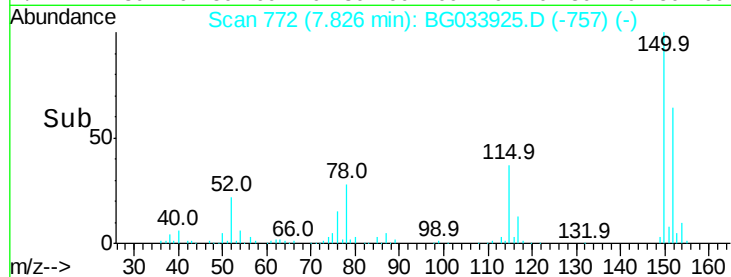
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	57.5	53.0	79.4



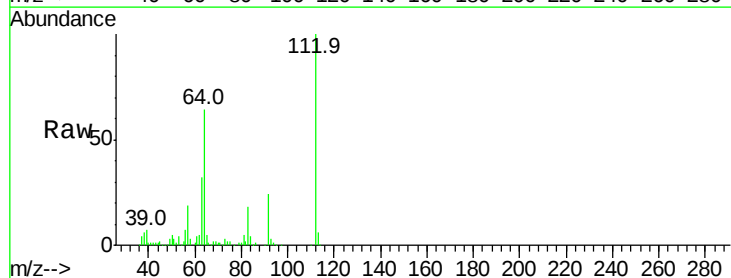
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



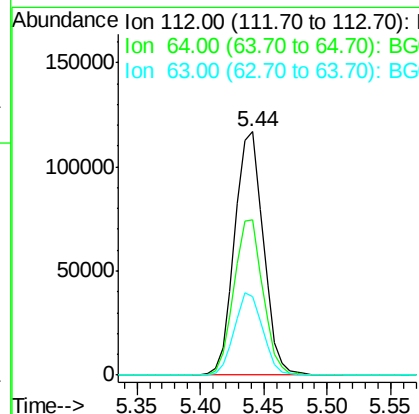
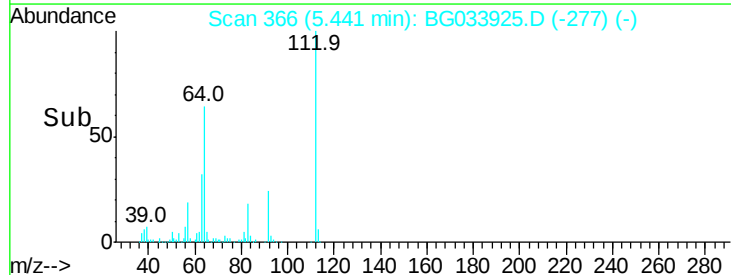
#5

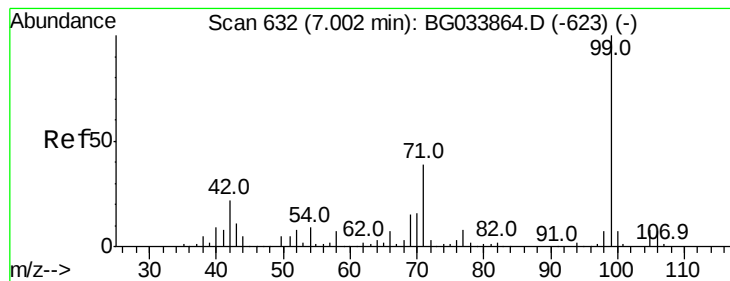
2-Fluorophenol
Concen: 45.982 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	32.2	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: 27.095 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033925.D

Acq: 23 Apr 2018 17:49

Instrument :

BNA_G

ClientSampleId :

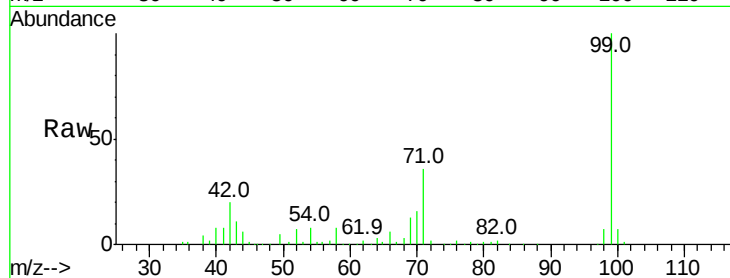
Tot Ion: 99 Resp: 157031

Ion Ratio Lower Upper

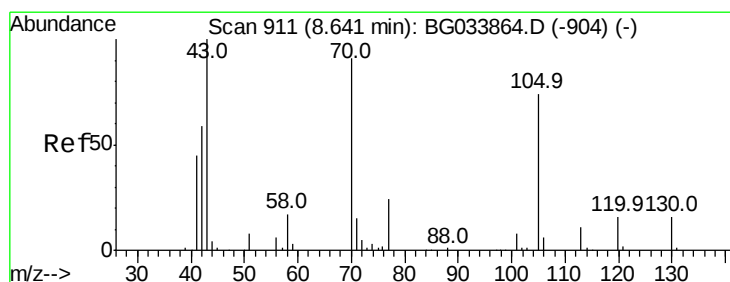
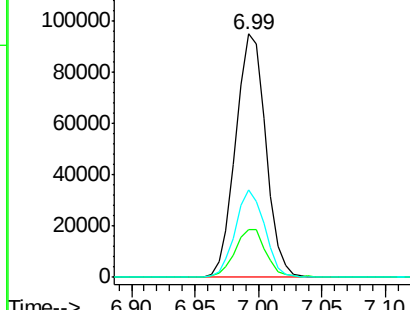
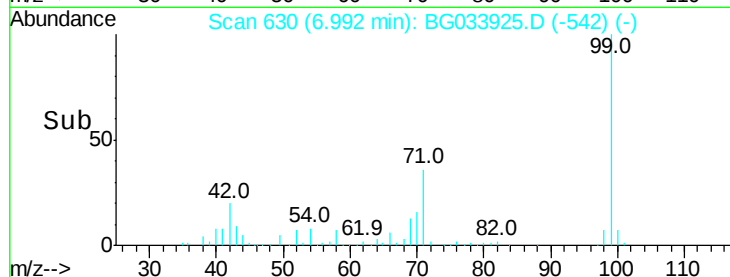
99 100

42 19.7 14.1 21.1

71 36.1 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: 14.365 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033925.D

Acq: 23 Apr 2018 17:49

Tgt Ion: 70 Resp: 70965

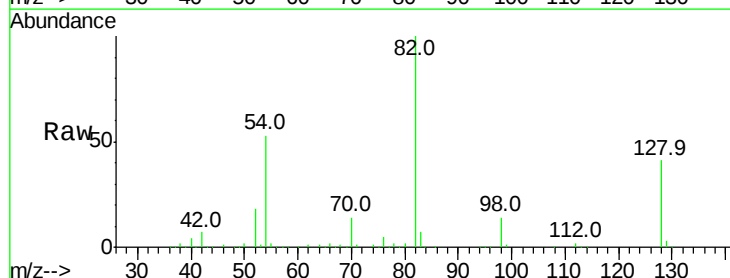
Ion Ratio Lower Upper

70 100

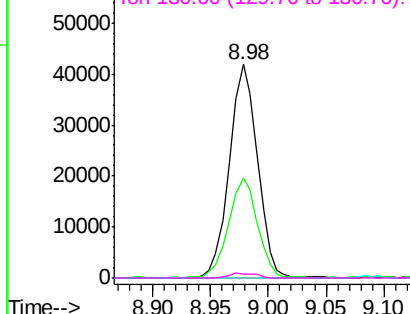
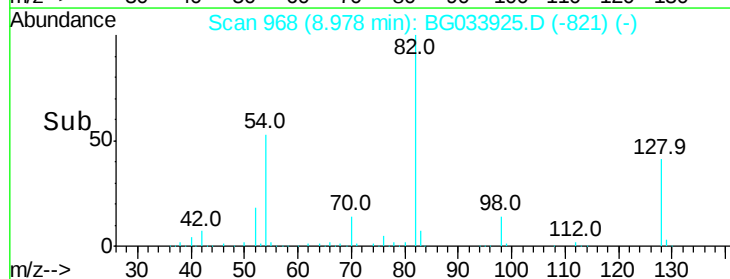
42 46.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 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

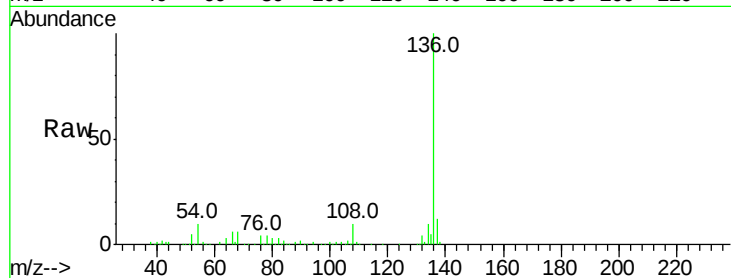




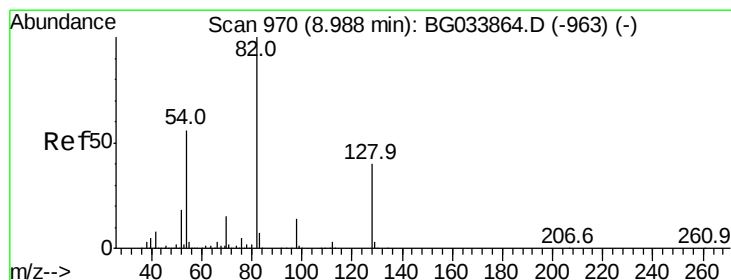
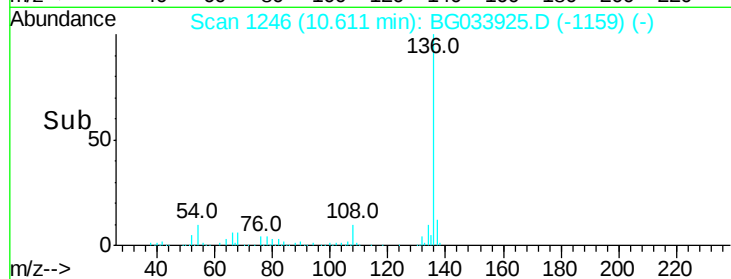
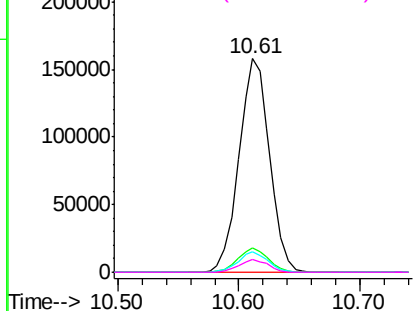
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	276520
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	9.6	10.3 15.5#
68	6.2	4.5 6.7

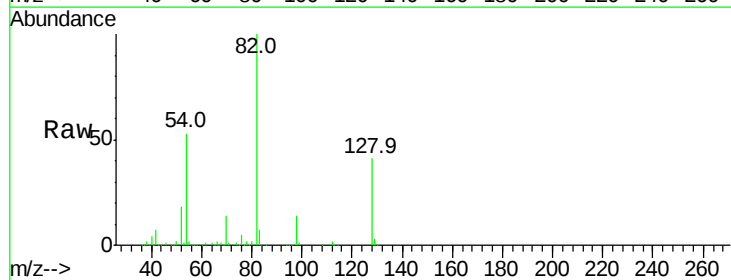


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

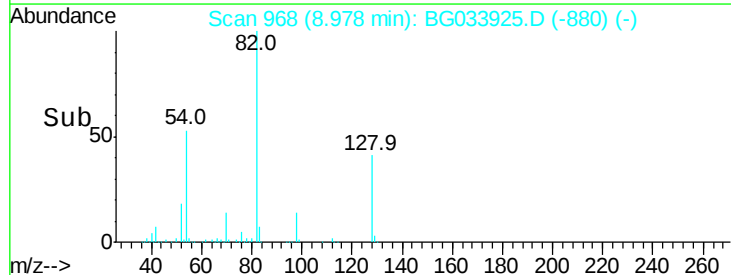
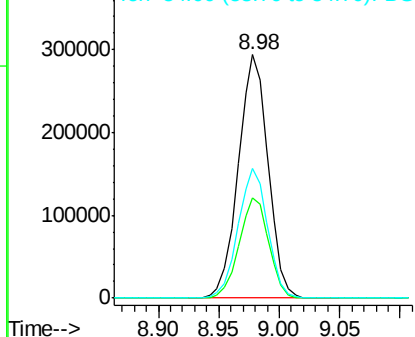


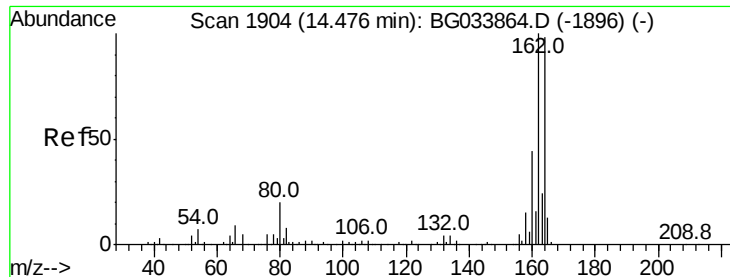
#23
Nitrobenzene-d5
Concen: 103.950 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Tgt Ion: 82	Resp:	505087
Ion Ratio	Lower	Upper
82	100	
128	41.2	29.7 44.5
54	53.1	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

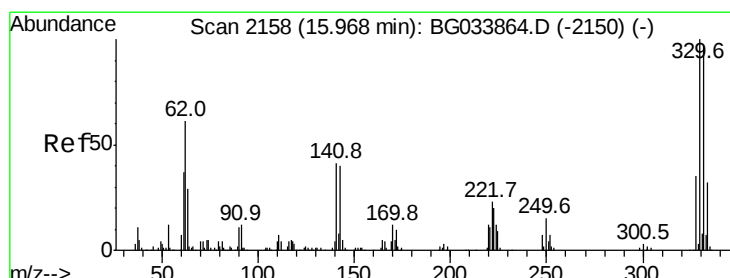
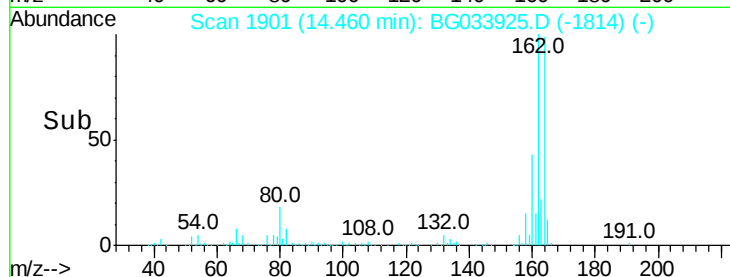
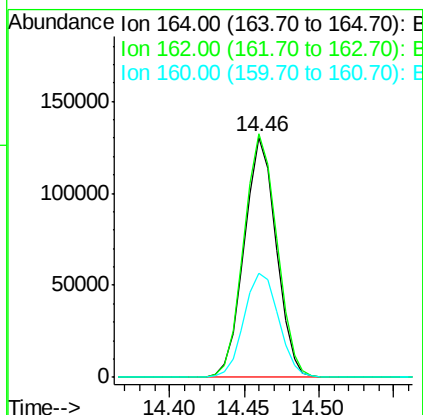
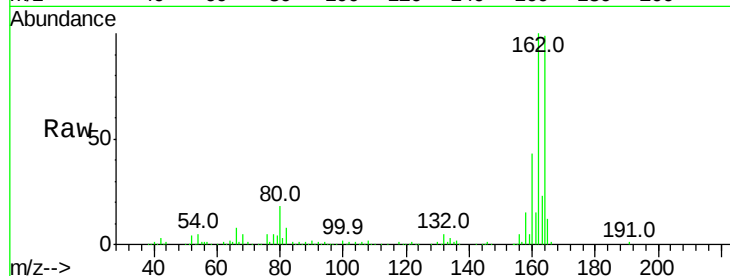




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033925.D
 Acq: 23 Apr 2018 17:49

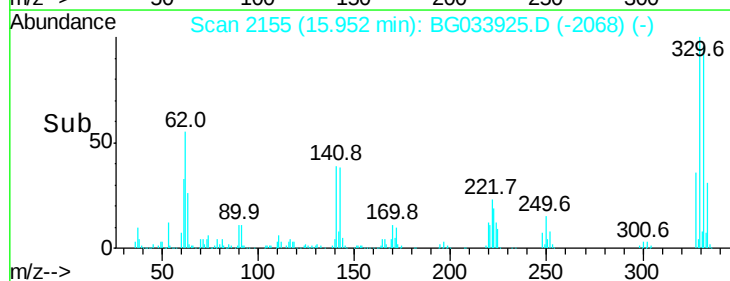
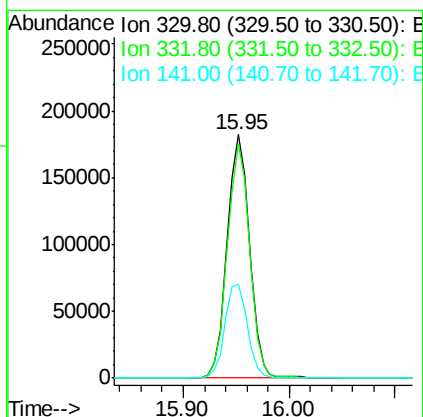
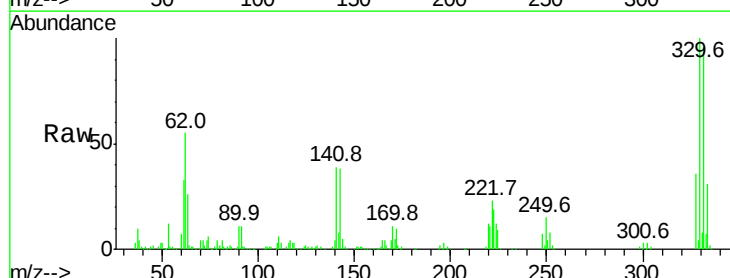
Instrument :
 BNA_G
 ClientSampleId :

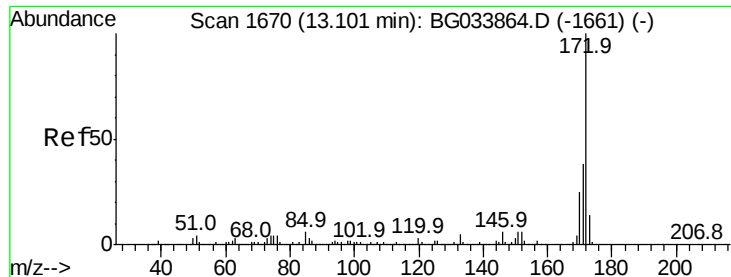
Tot Ion:164 Resp: 192591
 Ion Ratio Lower Upper
 164 100
 162 101.4 78.8 118.2
 160 43.3 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 118.960 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033925.D
 Acq: 23 Apr 2018 17:49

Tgt Ion:330 Resp: 267289
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 39.1 25.2 37.8#



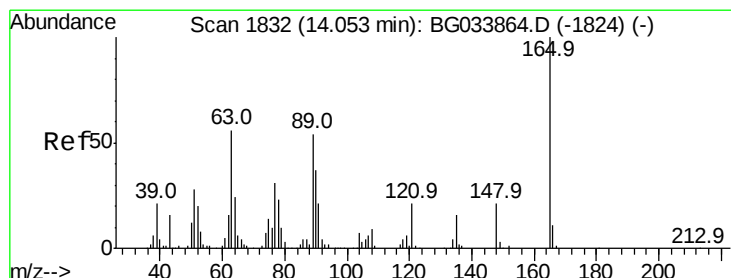
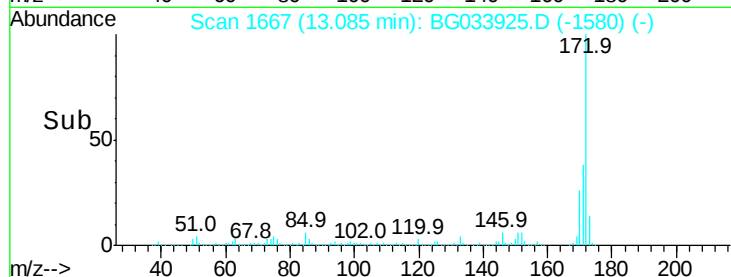
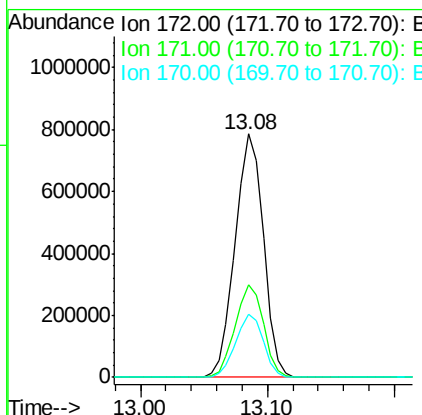
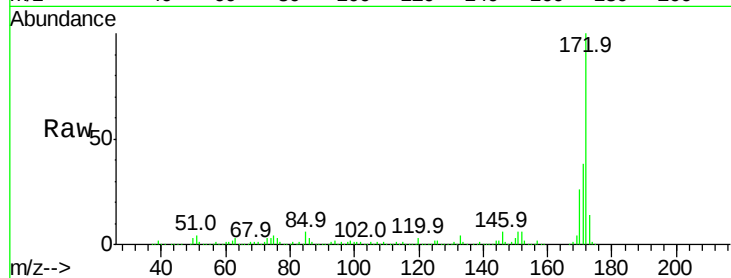


#44
 2-Fluorobiphenyl
 Concen: 92.596 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033925.D
 Acq: 23 Apr 2018 17:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1213944

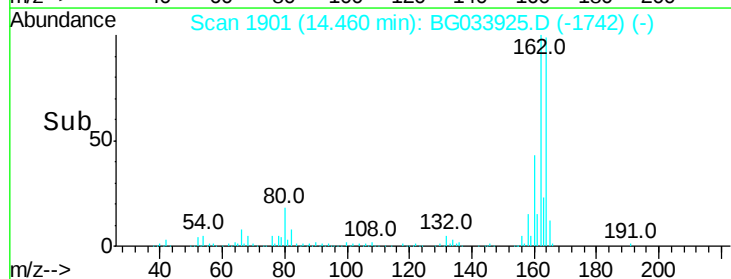
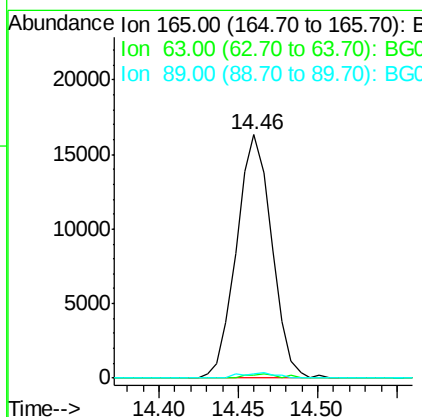
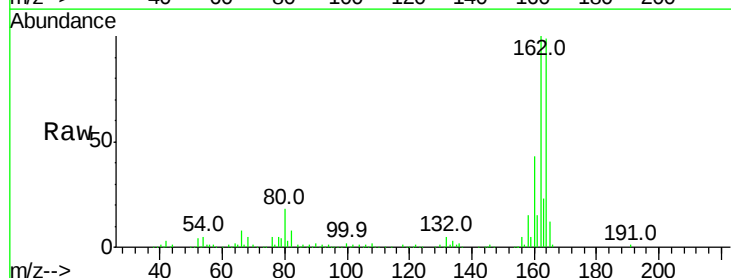
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.9	19.5	29.3

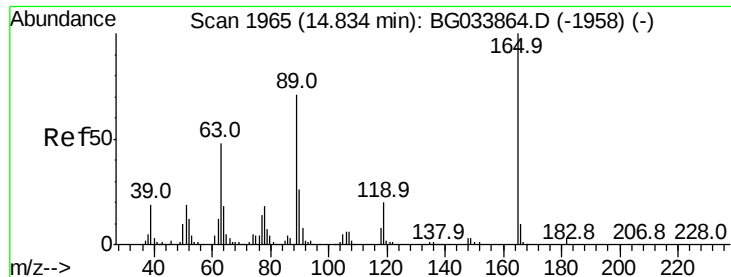


#50
 2,6-Dinitrotoluene
 Concen: 7.825 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.41 min
 Lab File: BG033925.D
 Acq: 23 Apr 2018 17:49

Tgt Ion:165 Resp: 25121

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	2.0	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 5.884 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.37 min

Lab File: BG033925.D

Acq: 23 Apr 2018 17:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 25121

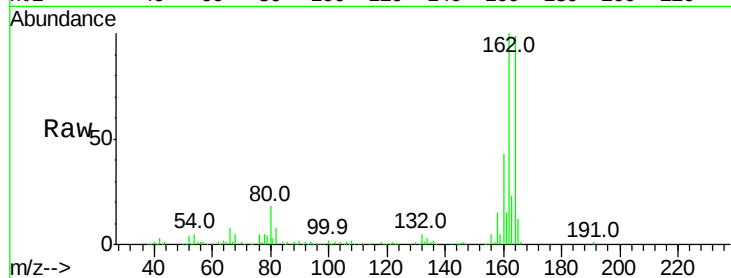
Ion Ratio Lower Upper

165 100

63 1.4 42.0 63.0#

89 2.0 66.9 100.3#

182 0.0 2.6 3.8#

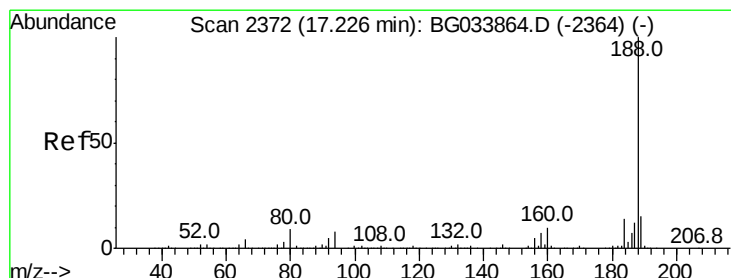
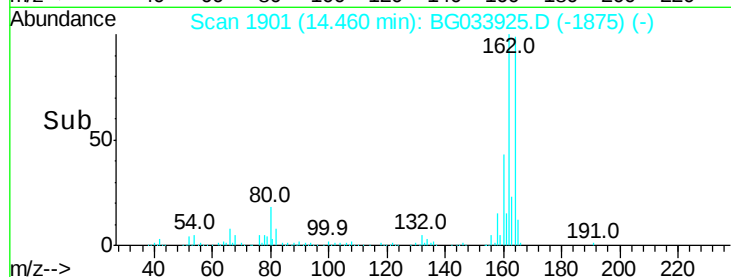
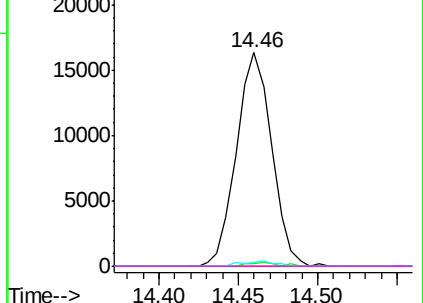


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG033925.D

Acq: 23 Apr 2018 17:49

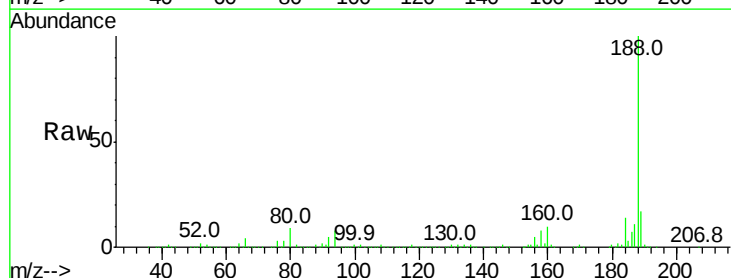
Tgt Ion:188 Resp: 526017

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

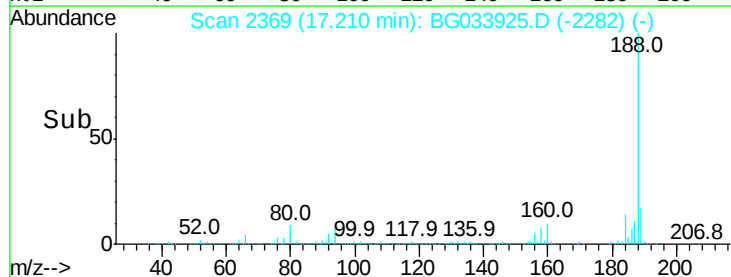
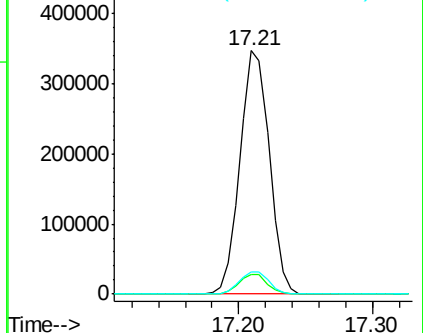
80 8.9 7.7 11.5

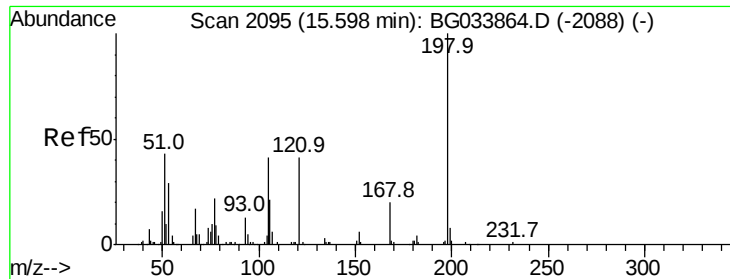


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

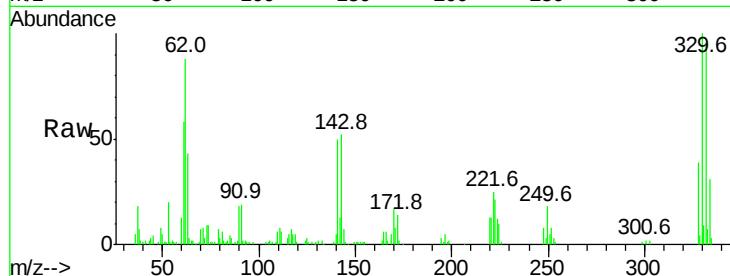




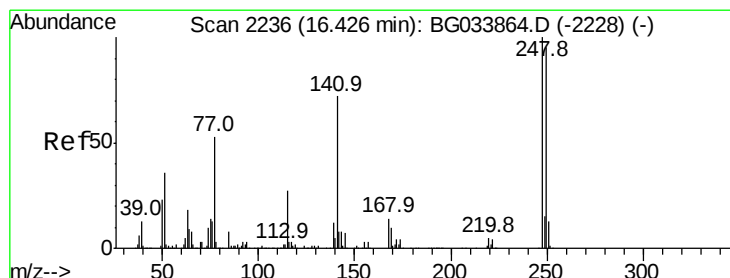
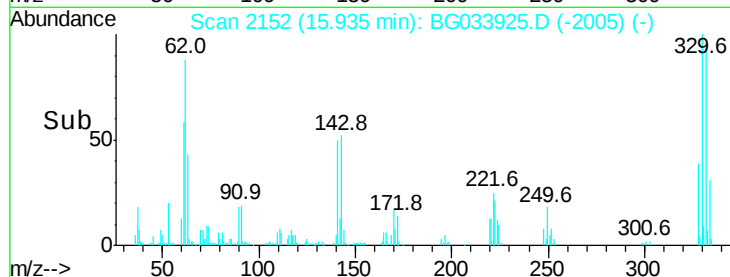
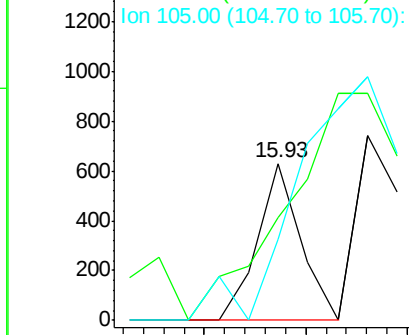
#64
4,6-Dinitro-2-methylphenol
Concen: 6.616 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.34 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 372
Ion Ratio Lower Upper
198 100
51 65.8 30.6 70.6
105 51.4 23.8 63.8

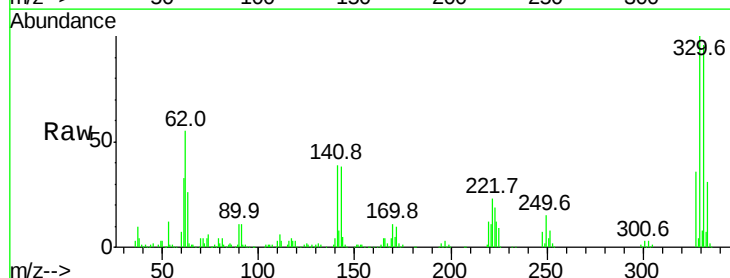


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

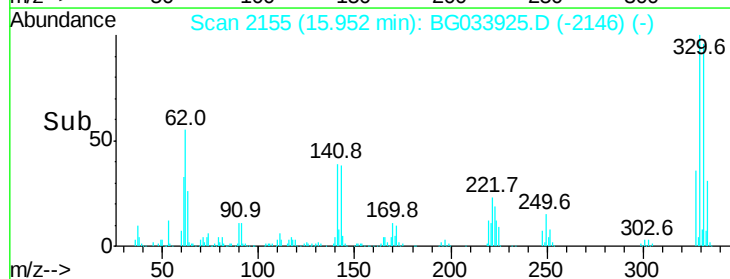
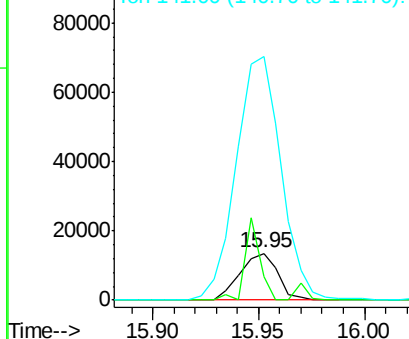


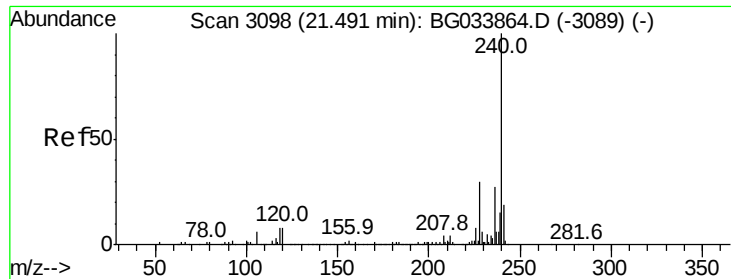
#66
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.47 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Tgt Ion:248 Resp: 16728
Ion Ratio Lower Upper
248 100
250 39.8 77.1 115.7#
141 404.0 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

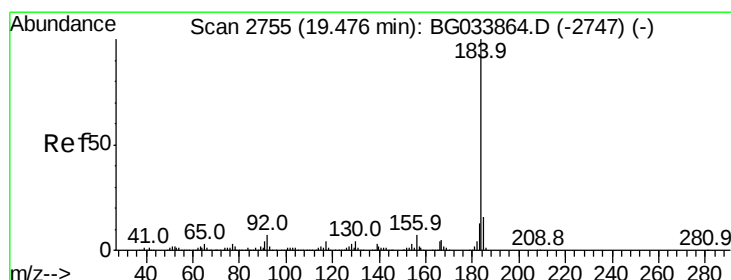
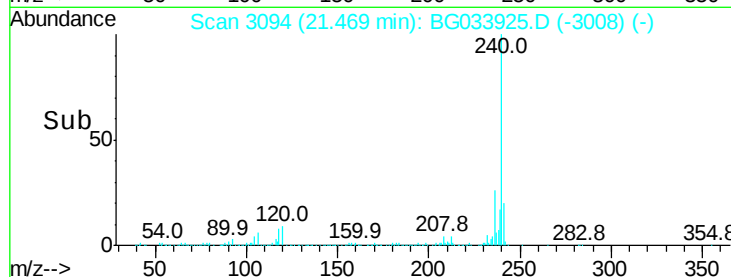
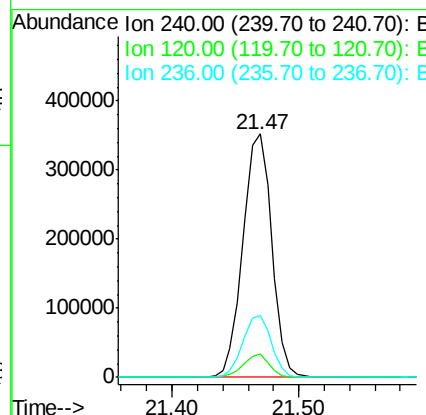
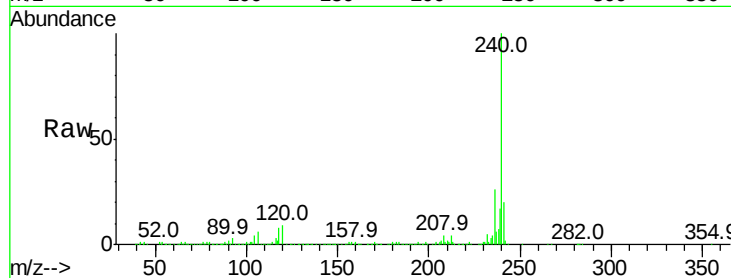




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

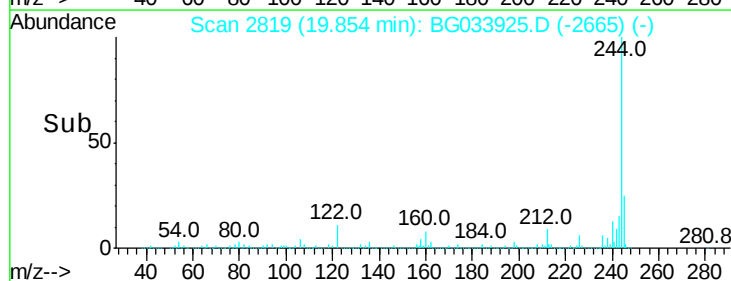
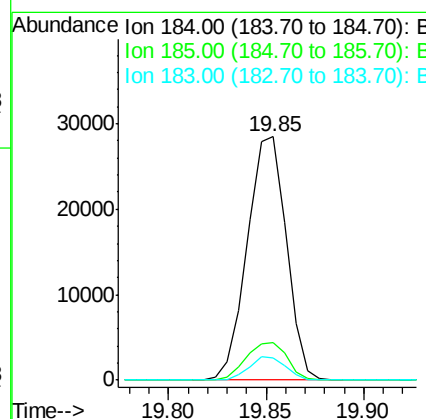
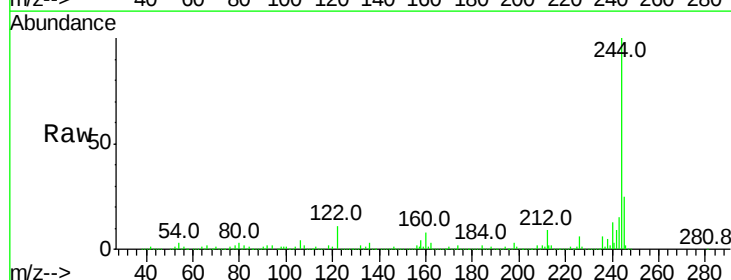
Instrument :
BNA_G
ClientSampleId :

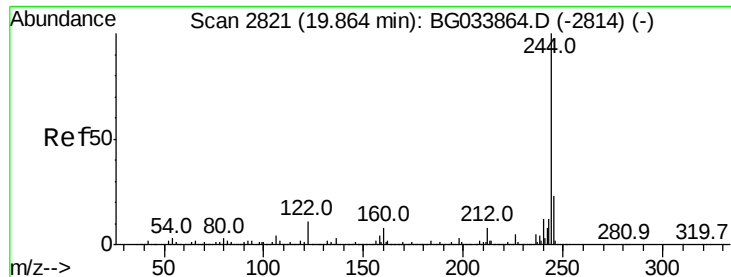
Tot Ion:240 Resp: 55511
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 25.6 20.9 31.3



#76
Benzidine
Concen: 2.639 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.38 min
Lab File: BG033925.D
Acq: 23 Apr 2018 17:49

Tgt Ion:184 Resp: 39580
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 9.2 10.6 16.0#

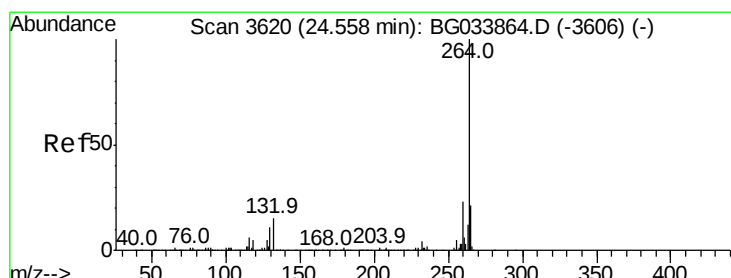
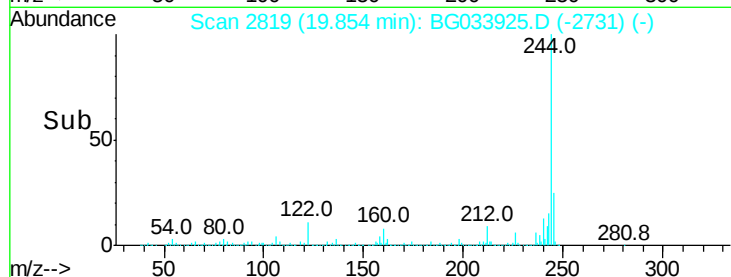
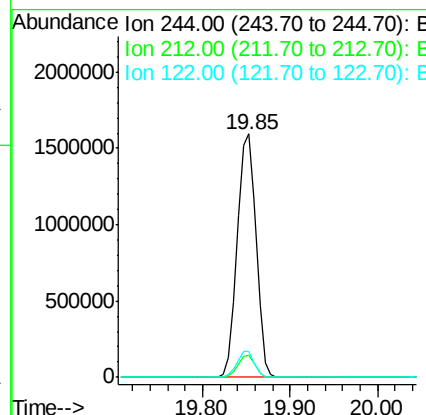
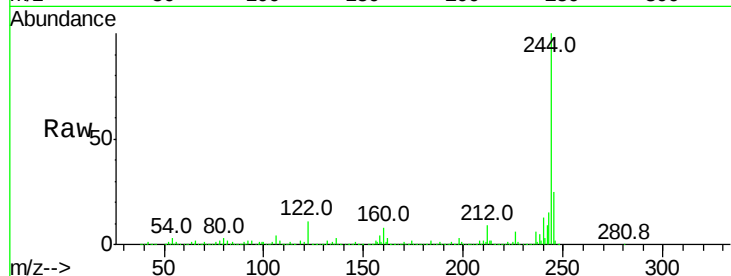




#78
 Terphenyl-d14
 Concen: 93.953 ng
 RT: 19.85 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BG033925.D
 Acq: 23 Apr 2018 17:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2323126
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 10.9 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: BG033925.D
 Acq: 23 Apr 2018 17:49

Tgt Ion:264 Resp: 557718
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.8 17.7 26.5

