

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033979.D
 Acq On : 25 Apr 2018 8:07
 Operator : SJ/JU
 Sample : J2506-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 11:53:47 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

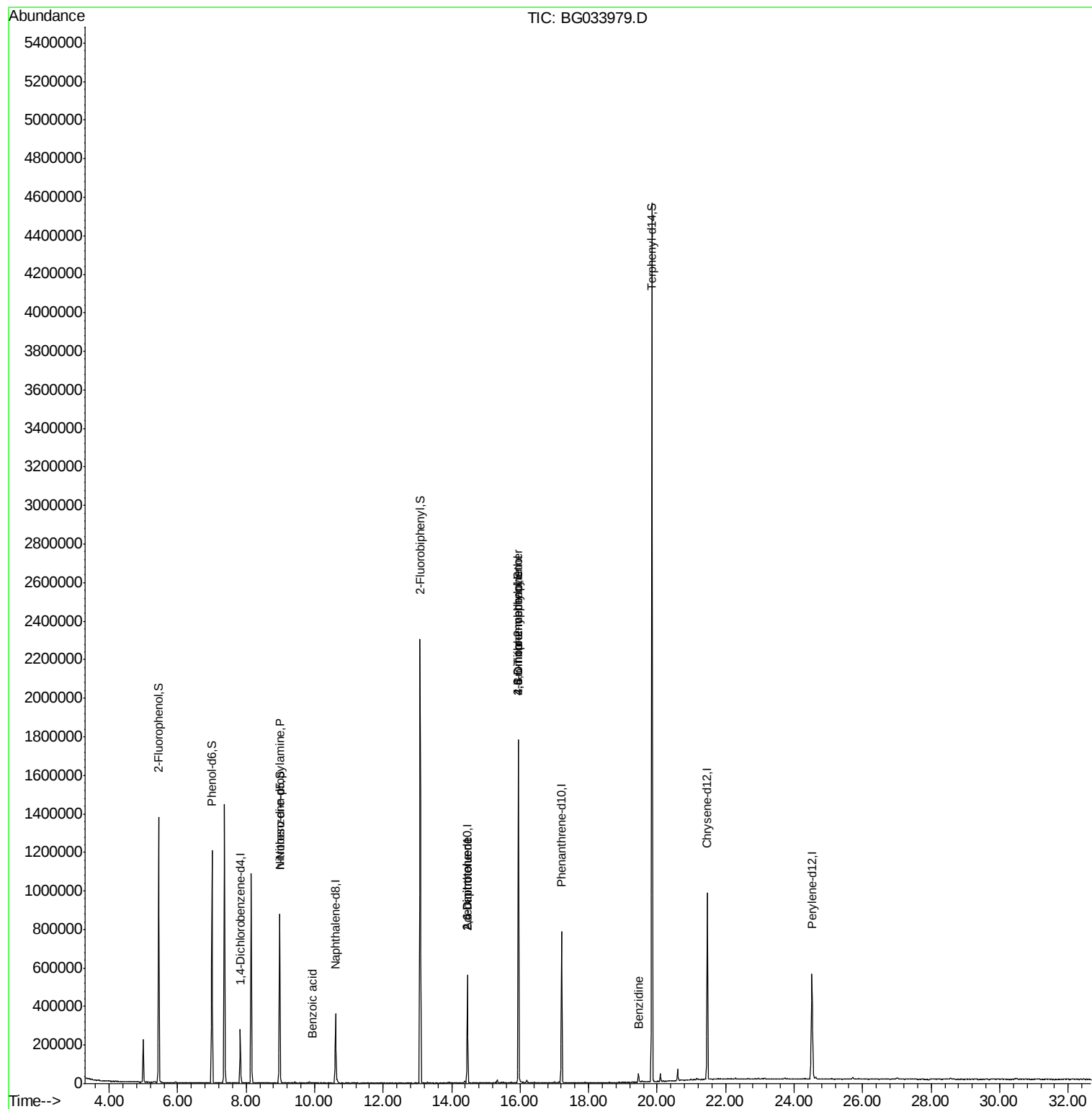
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	76112	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	311253	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	195941	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	486287	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	563141	20.00	ng	-0.03
86) Perylene-d12	24.52	264	575837	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	592544	124.29	ng	0.00
7) Phenol-d6	7.00	99	679654	97.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	527730	96.49	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	332415	145.42	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1222929	91.69	ng	-0.02
78) Terphenyl-d14	19.85	244	2072964	82.70	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	1340	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	72722	12.269 ng	#	77
32) Benzoic acid	9.93	122	372	5.160 ng	#	75
50) 2,6-Dinitrotoluene	14.45	165	26106	7.992 ng	#	20
56) 2,4-Dinitrotoluene	14.45	165	26106	6.010 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.94	198	1319	6.976 ng	#	60
66) 4-Bromophenyl-phenylether	15.95	248	20831	3.901 ng	#	1
76) Benzydine	19.45	184	31605	2.078 ng	#	94

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

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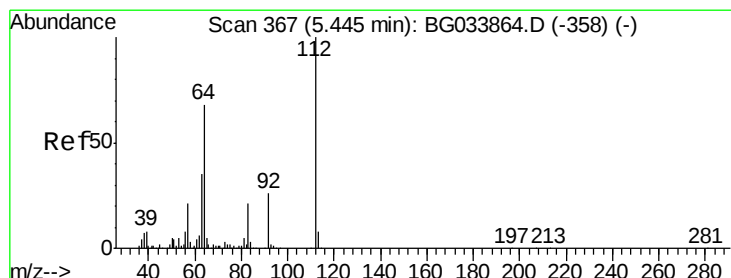
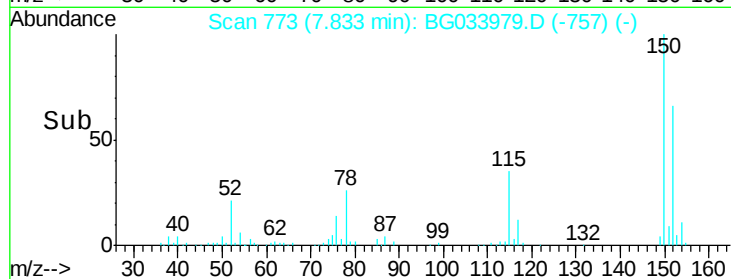
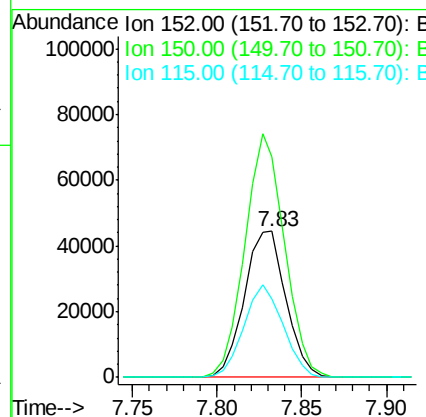
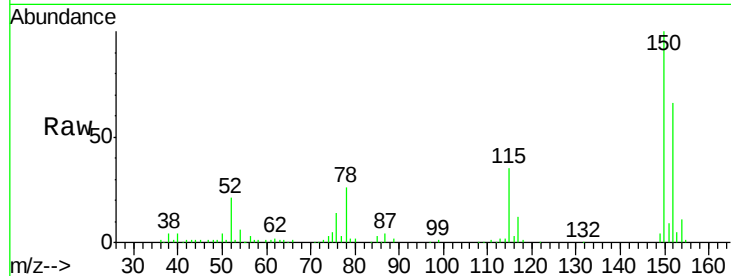




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

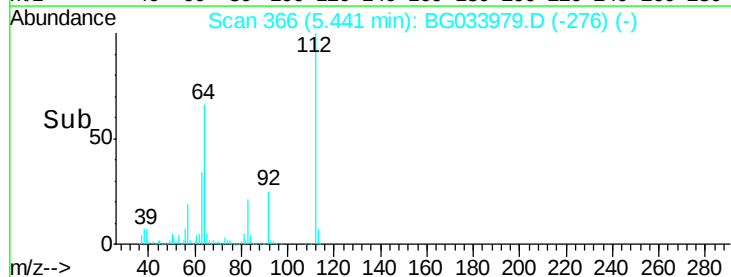
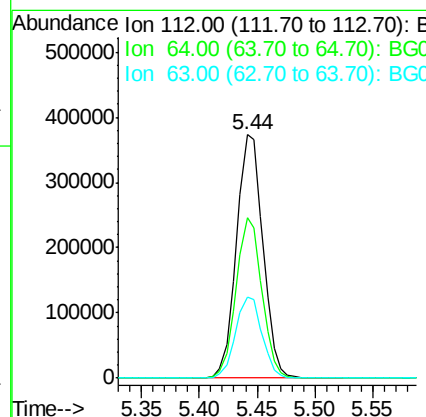
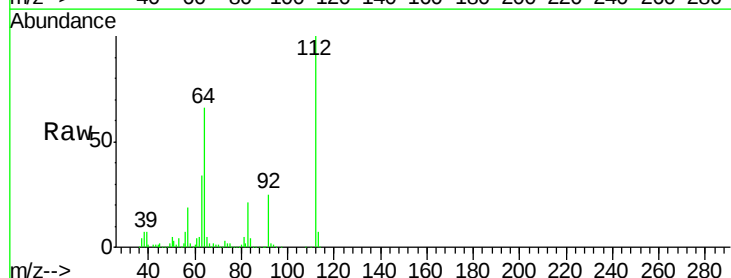
Instrument :
 BNA_G
 ClientSampled :

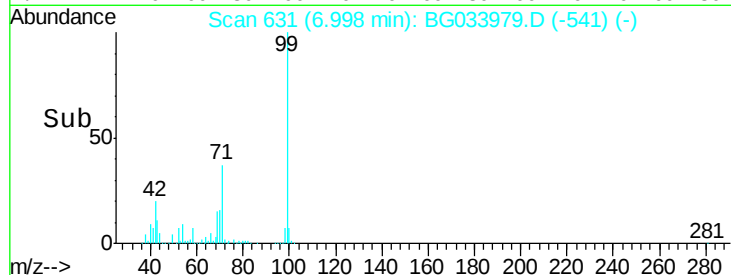
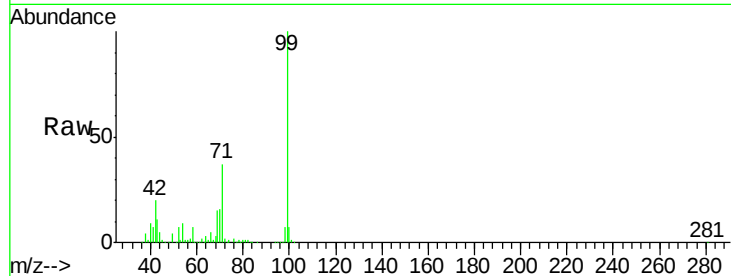
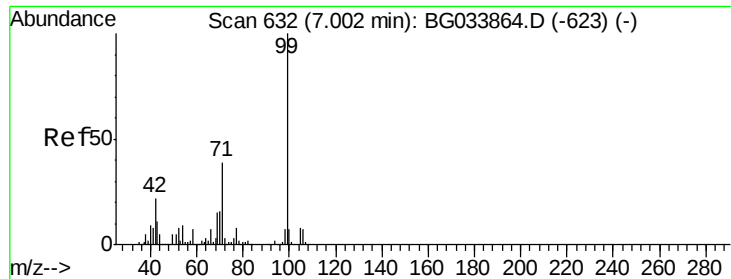
Tot Ion:152 Resp: 76112
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.6 189.8
 115 53.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 124.293 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion:112 Resp: 592544
 Ion Ratio Lower Upper
 112 100
 64 65.9 56.3 84.5
 63 33.5 30.1 45.1





#7

Phenol-d6

Concen: 97.744 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Instrument :

BNA_G

ClientSampleId :

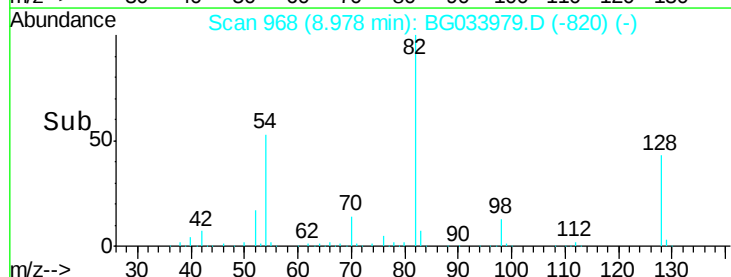
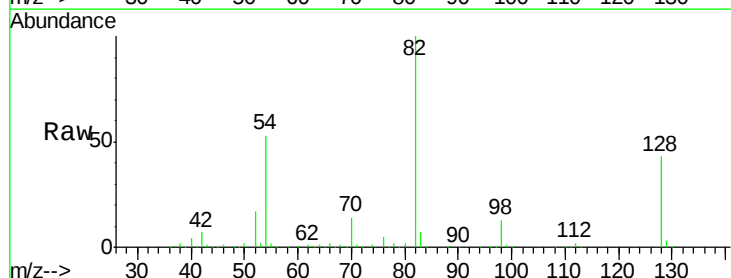
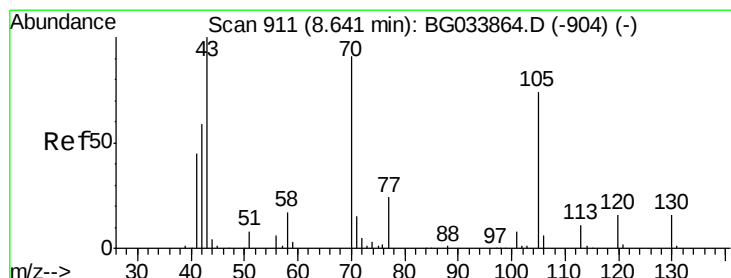
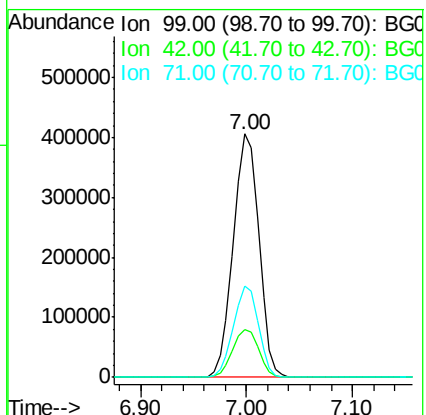
Tot Ion: 99 Resp: 679654

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 37.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.269 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Tgt Ion: 70 Resp: 72722

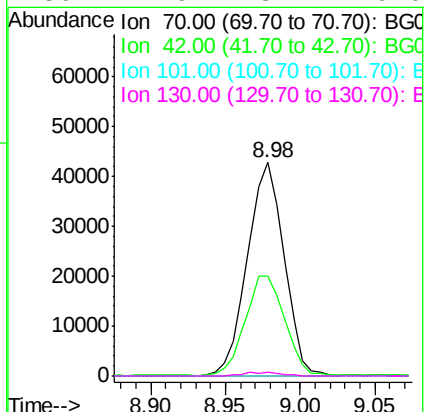
Ion Ratio Lower Upper

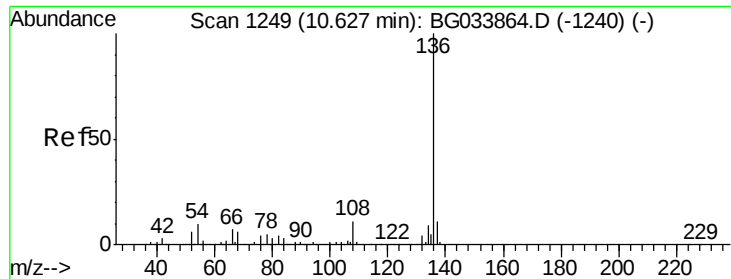
70 100

42 46.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

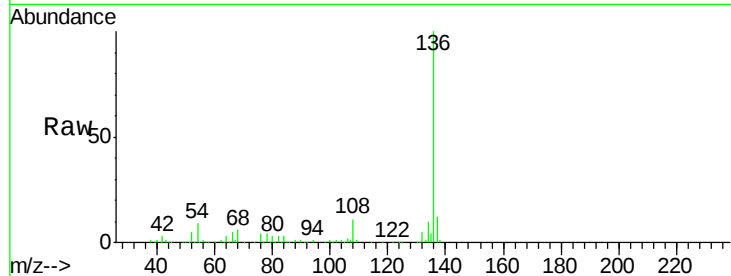




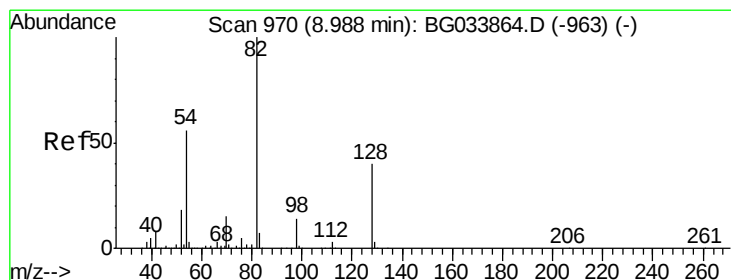
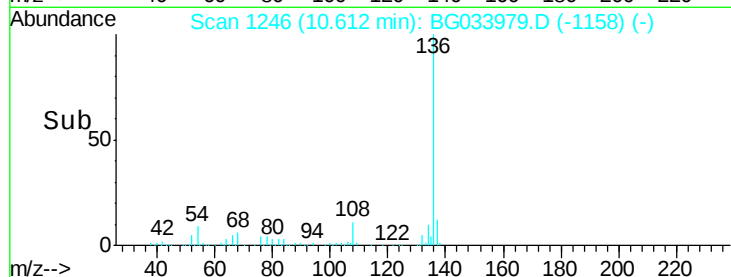
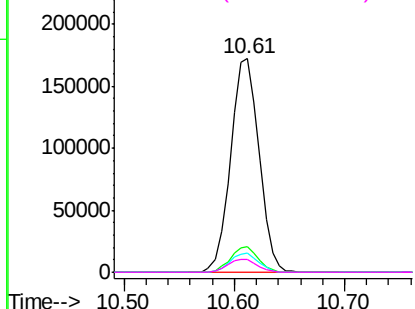
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	311253
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.2 13.8
54	9.2	10.3 15.5#
68	5.8	4.5 6.7

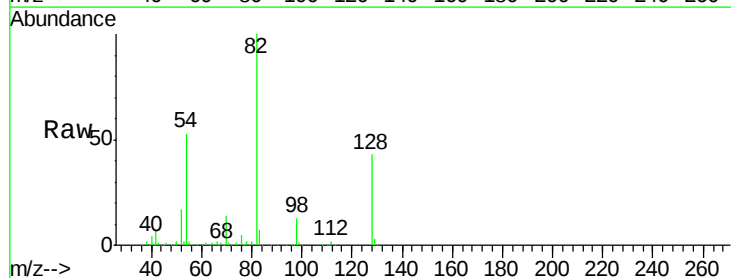


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

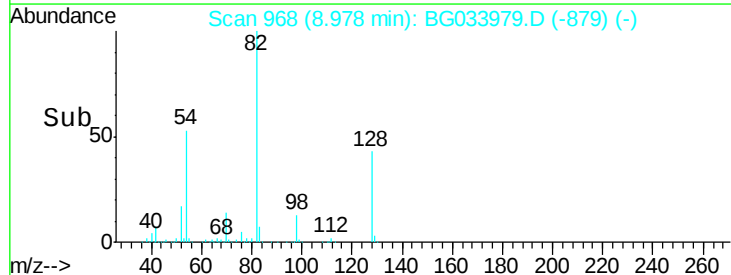
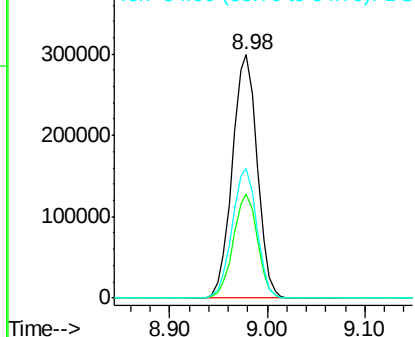


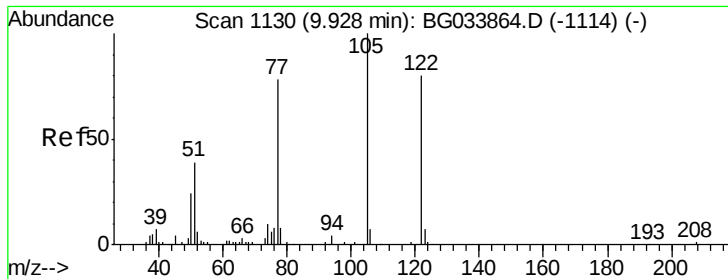
#23
Nitrobenzene-d5
Concen: 96.490 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Tgt Ion: 82	Resp:	527730
Ion Ratio	Lower	Upper
82	100	
128	42.6	29.7 44.5
54	53.2	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

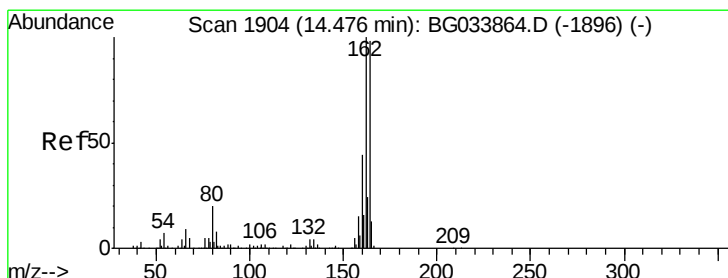
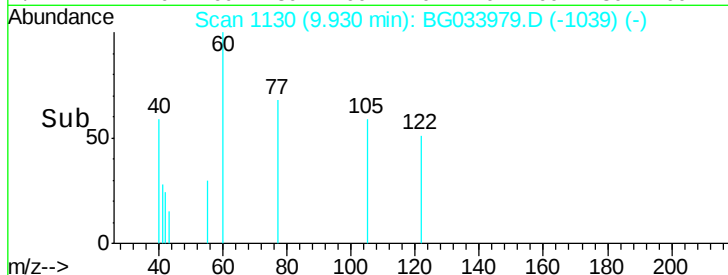
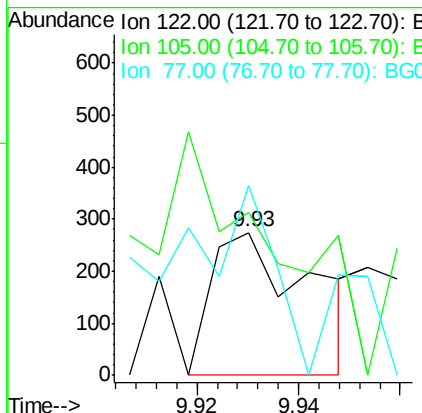
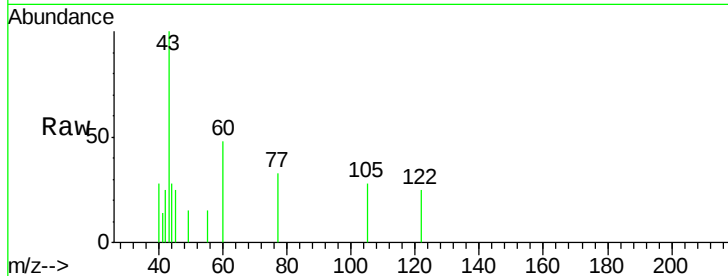




#32
Benzoic acid
Concen: 5.160 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

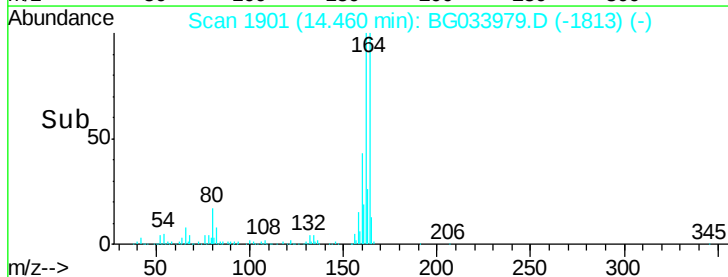
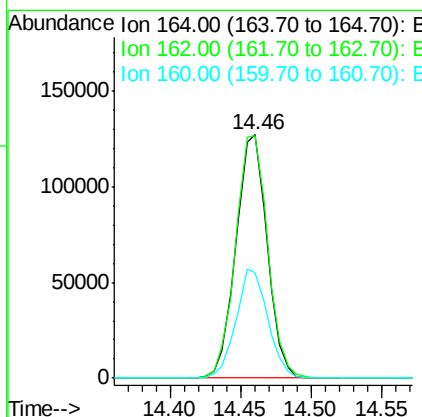
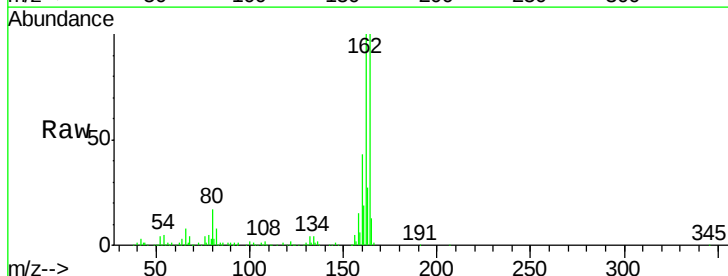
Instrument :
BNA_G
ClientSampleId :

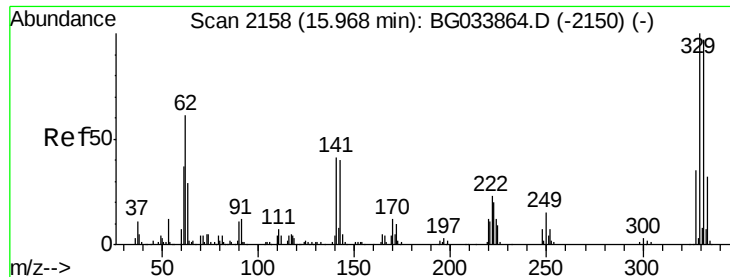
Tot Ion:122 Resp: 372
Ion Ratio Lower Upper
122 100
105 113.9 123.5 163.5#
77 133.2 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Tgt Ion:164 Resp: 195941
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 43.5 35.4 53.0

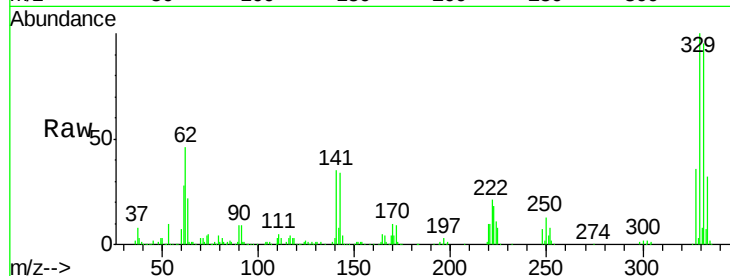




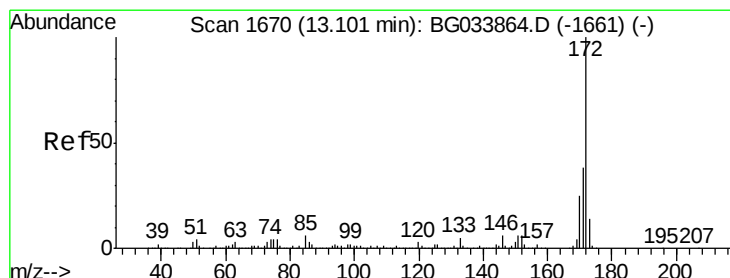
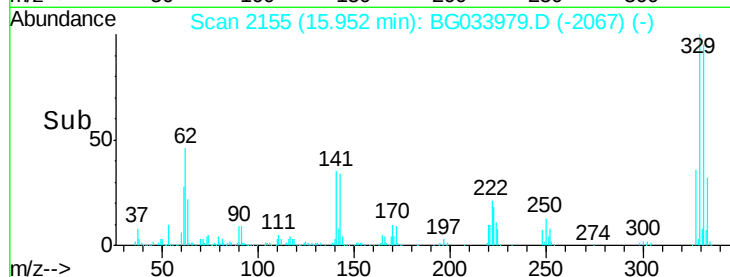
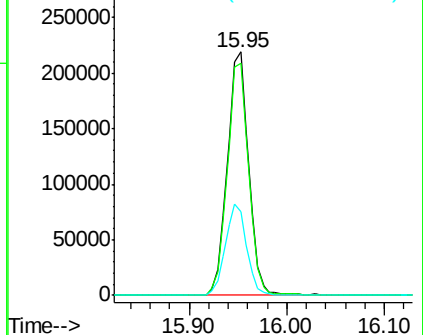
#41
 2,4,6-Tribromophenol
 Concen: 145.416 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.3	25.2	37.8

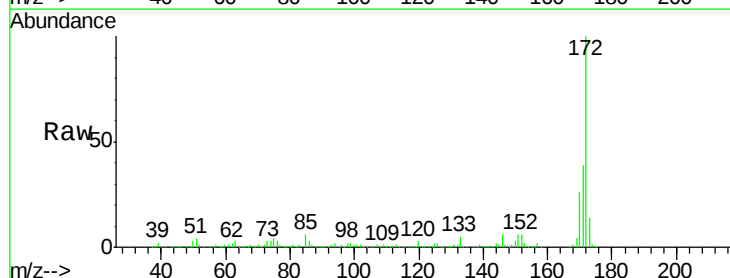


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

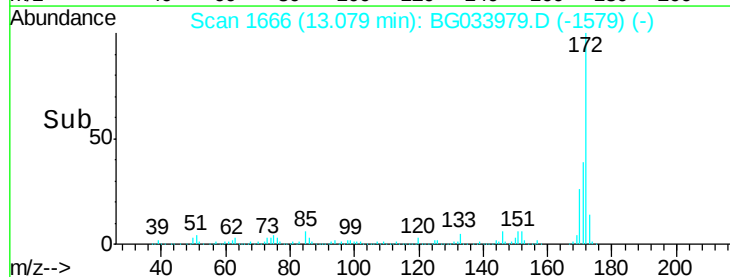
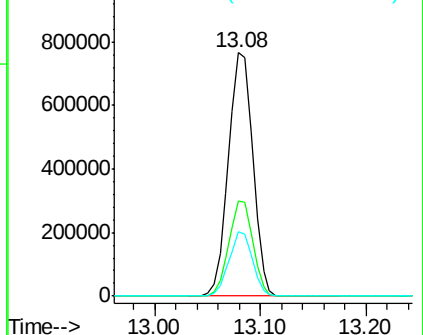


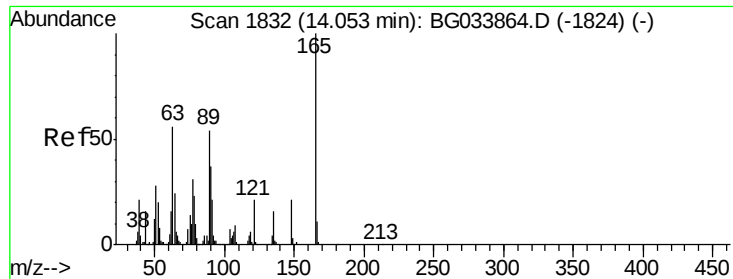
#44
 2-Fluorobiphenyl
 Concen: 91.686 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	26.2	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

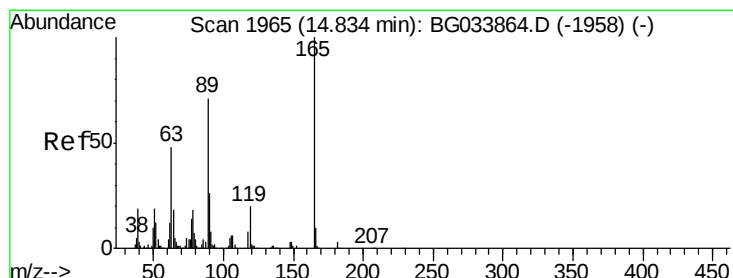
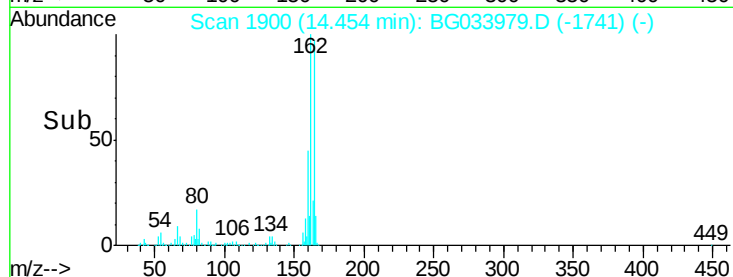
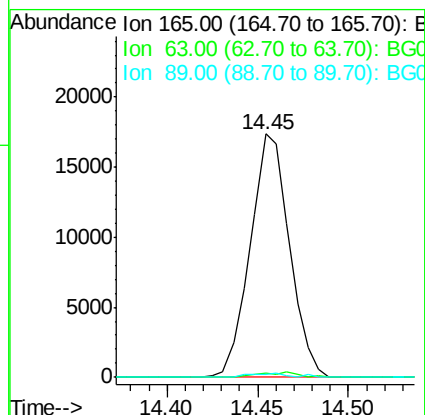
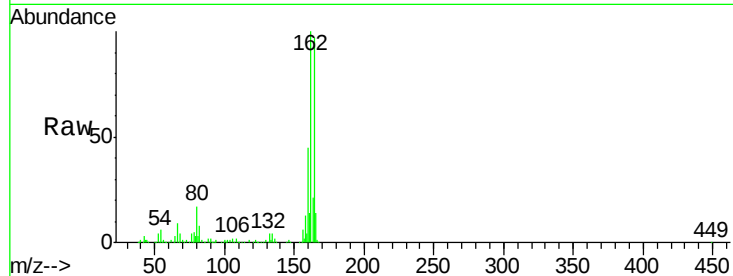




#50
 2,6-Dinitrotoluene
 Concen: 7.992 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. 0.40 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

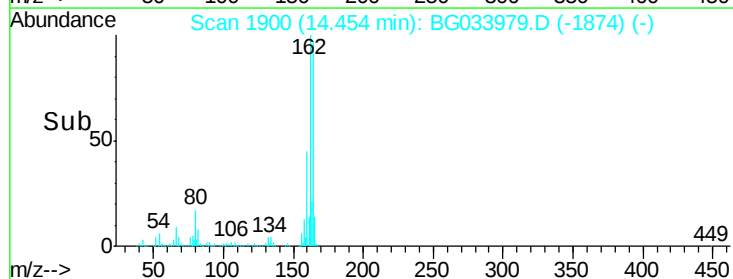
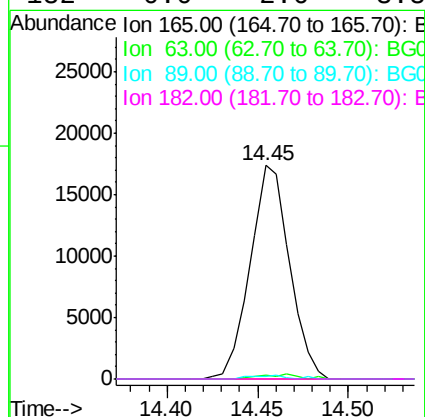
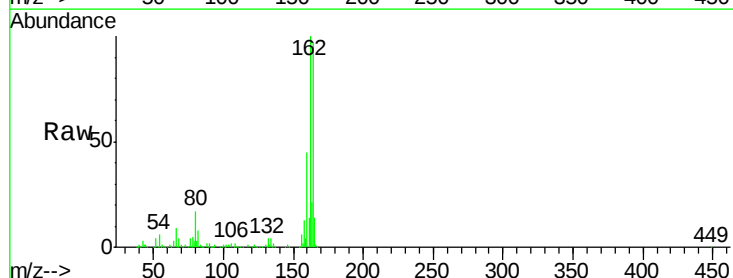
Instrument :
 BNA_G
 ClientSampleId :

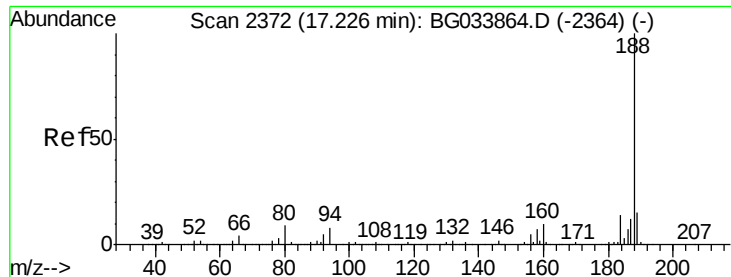
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	1.2	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.010 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. -0.38 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#

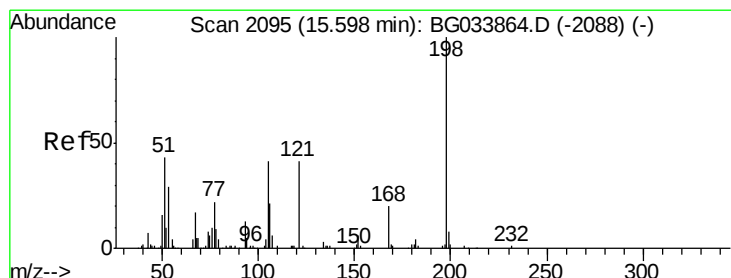
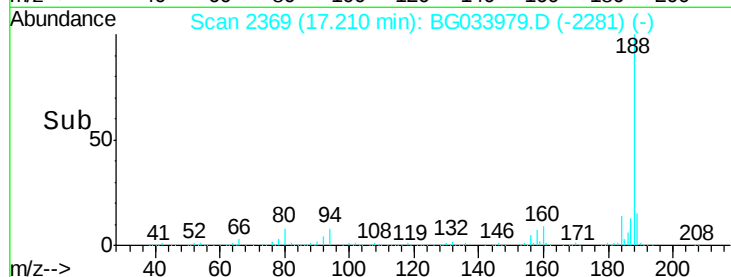
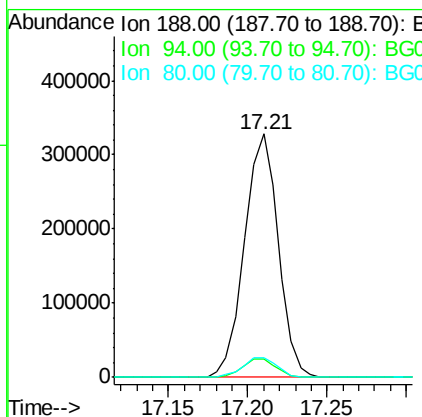
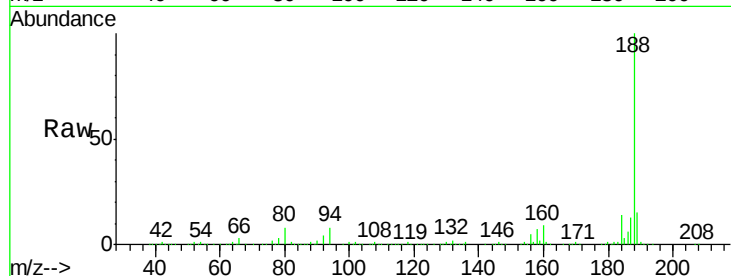




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

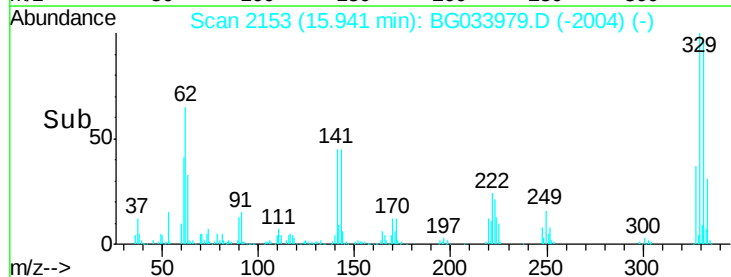
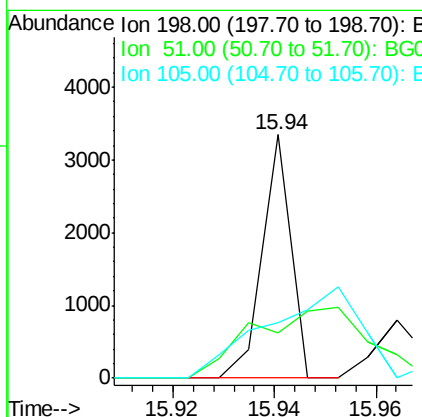
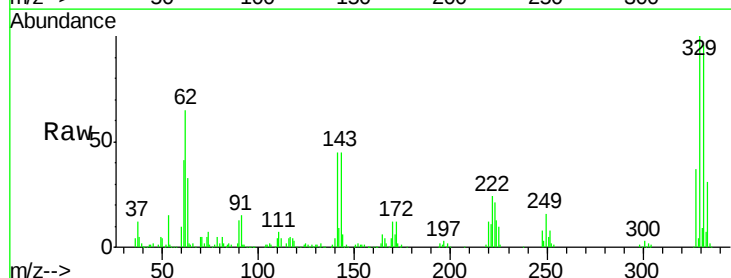
Instrument :
BNA_G
ClientSampleId :

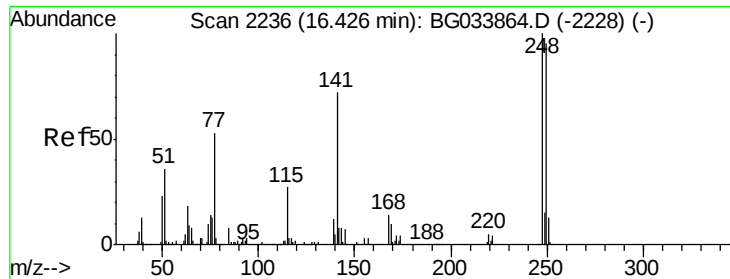
Tot Ion:188 Resp: 486287
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.2 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 6.976 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.34 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Tgt Ion:198 Resp: 1319
Ion Ratio Lower Upper
198 100
51 18.5 30.6 70.6#
105 22.9 23.8 63.8#

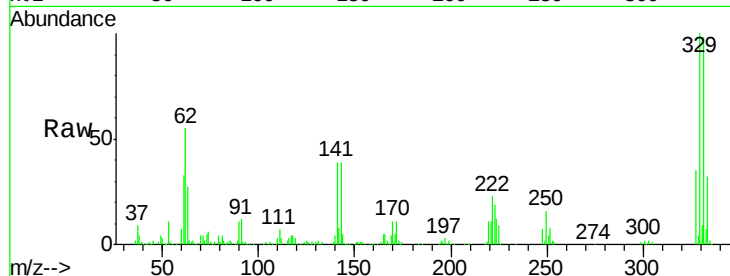




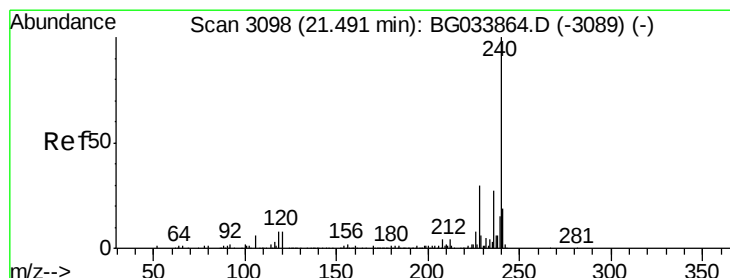
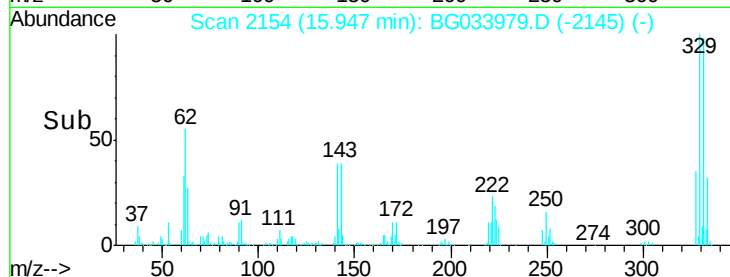
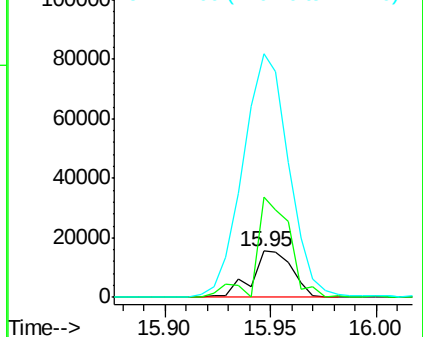
#66
 4-Bromophenyl-phenylether
 Concen: 3.901 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.48 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 20831
 Ion Ratio Lower Upper
 248 100
 250 212.3 77.1 115.7#
 141 406.4 50.8 76.2#

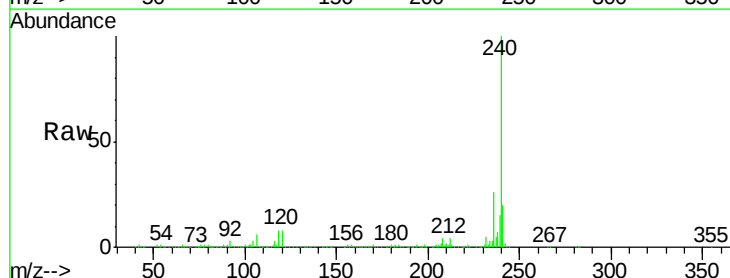


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

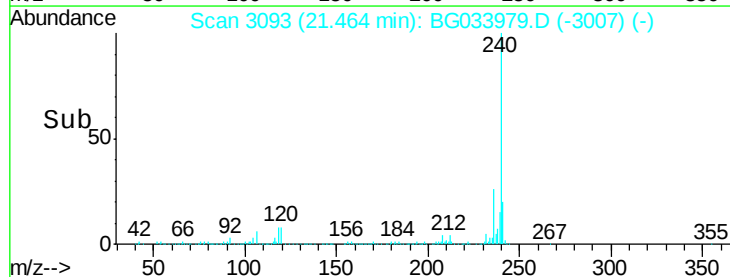
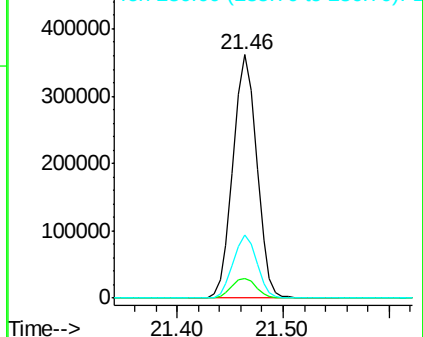


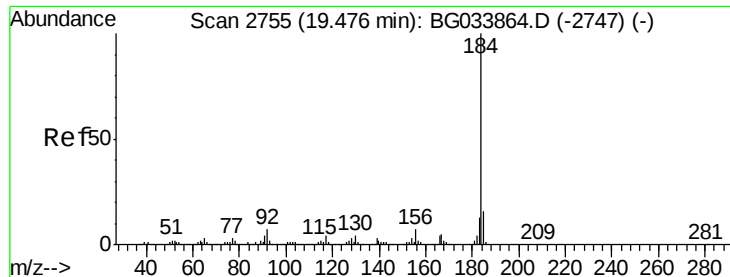
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion:240 Resp: 563141
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.8 10.2
 236 26.0 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





#76

Benzidine

Concen: 2.078 ng

RT: 19.45 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Instrument :

BNA_G

ClientSampled :

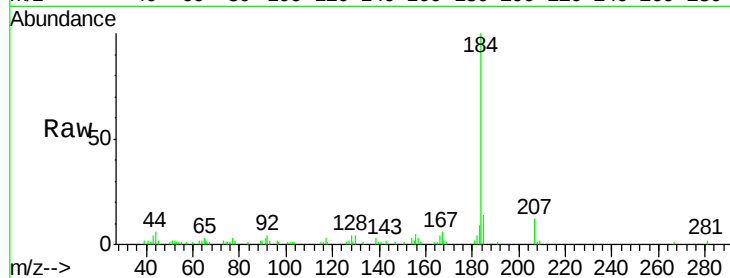
Tot Ion:184 Resp: 31605

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

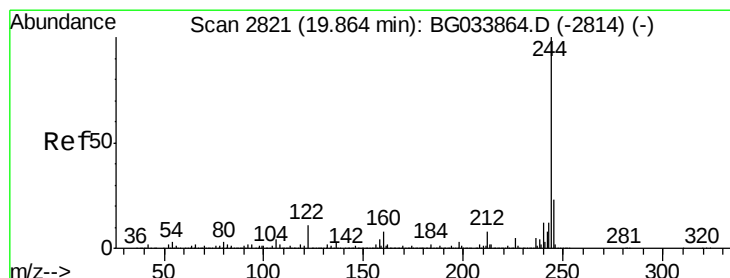
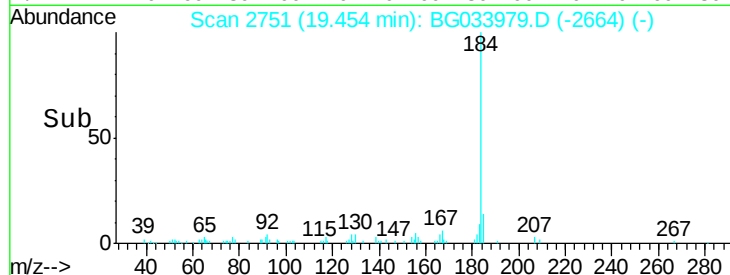
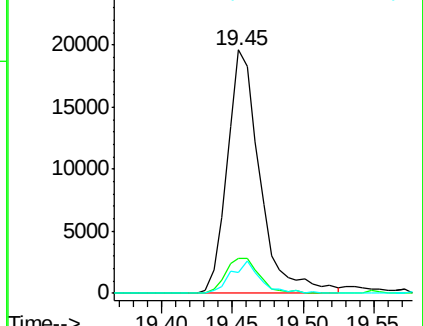
183 8.8 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 82.700 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

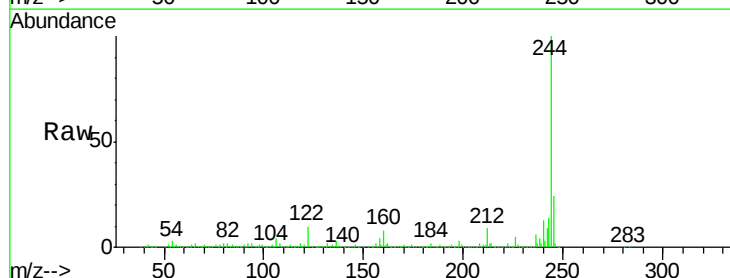
Tgt Ion:244 Resp: 2072964

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

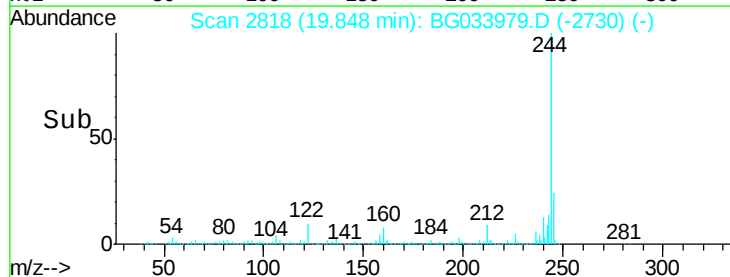
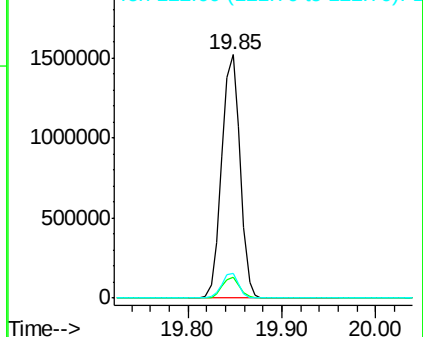
122 9.9 7.0 10.4

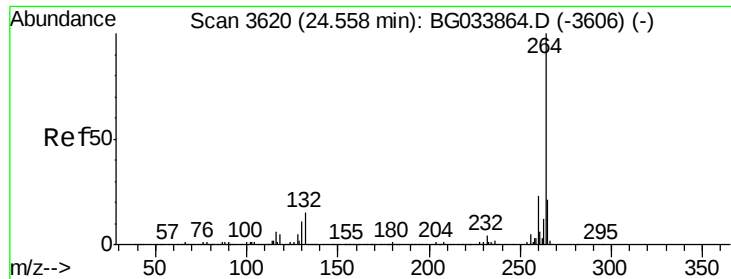


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3613
Delta R.T. -0.04 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.7	17.7	26.5

