

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033850.D
 Acq On : 17 Apr 2018 18:28
 Operator : SJ/JU
 Sample : J2370-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:02:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

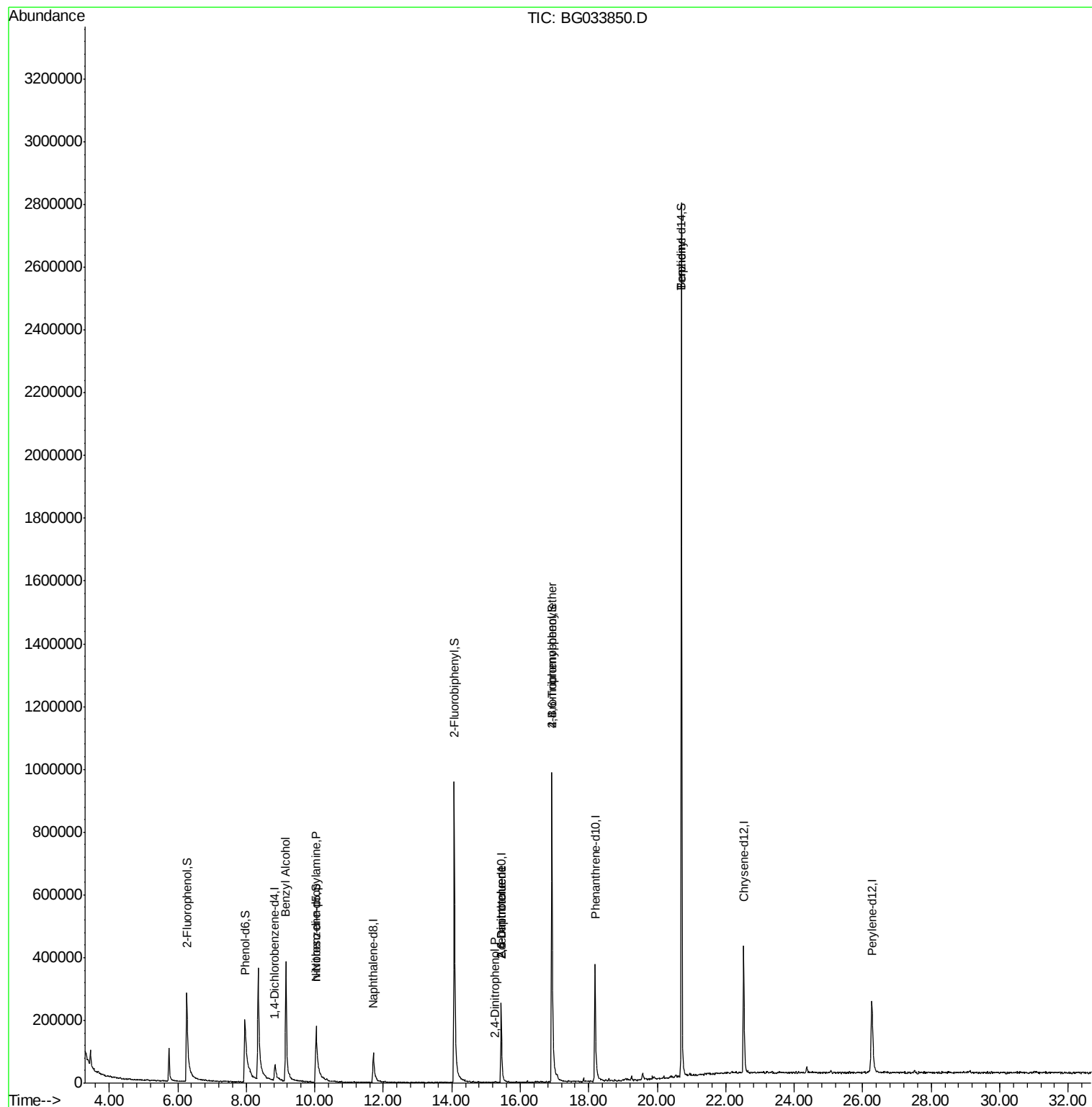
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	28966	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	149306	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	120735	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	354785	20.00	ng	0.00
75) Chrysene-d12	22.52	240	344741	20.00	ng	-0.02
86) Perylene-d12	26.27	264	369221	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	216184	139.95	ng	0.00
7) Phenol-d6	7.96	99	278849	105.06	ng	0.00
23) Nitrobenzene-d5	10.03	82	265129	81.58	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	275356	152.49	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	750524	89.74	ng	0.00
78) Terphenyl-d14	20.70	244	1540744	95.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.16	79	5469	2.617	ng	# 58
19) n-Nitroso-di-n-propylamine	10.04	70	30248	15.552	ng	# 82
50) 2,6-Dinitrotoluene	15.44	165	14766	6.873	ng	# 23
53) 2,4-Dinitrophenol	15.25	184	62	7.693	ng	# 1
56) 2,4-Dinitrotoluene	15.44	165	15036	4.753	ng	# 21
66) 4-Bromophenyl-phenylether	16.92	248	20421	4.901	ng	# 1
76) Benizidine	20.70	184	26287	2.812	ng	# 88

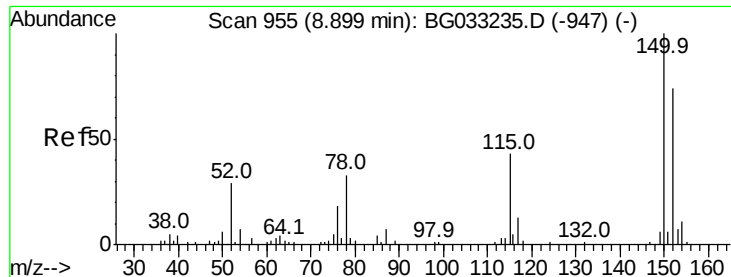
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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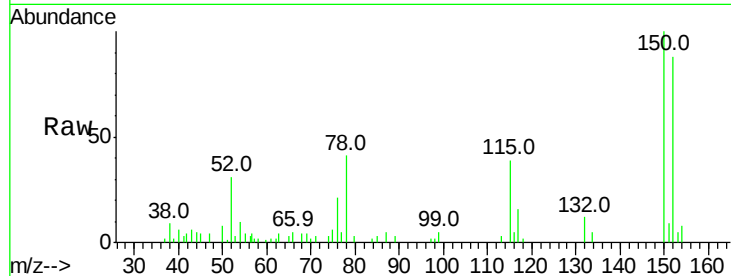


#1

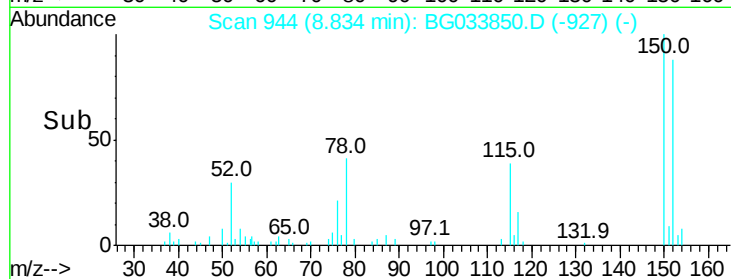
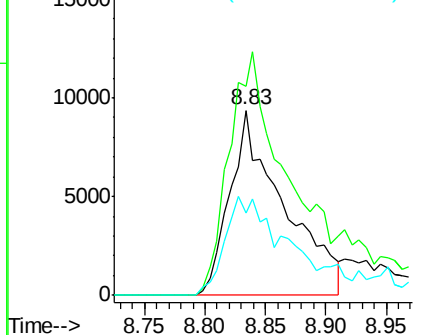
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28966
Ion Ratio Lower Upper
152 100
150 113.3 126.6 189.8#
115 44.4 53.0 79.4#



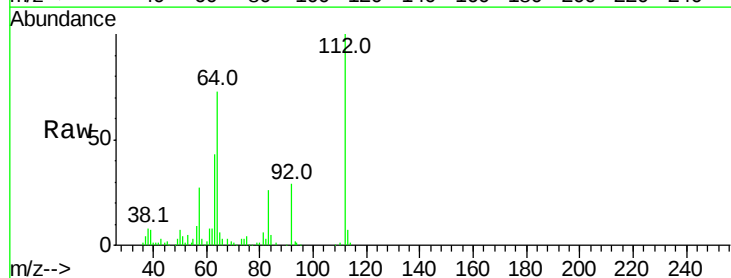
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



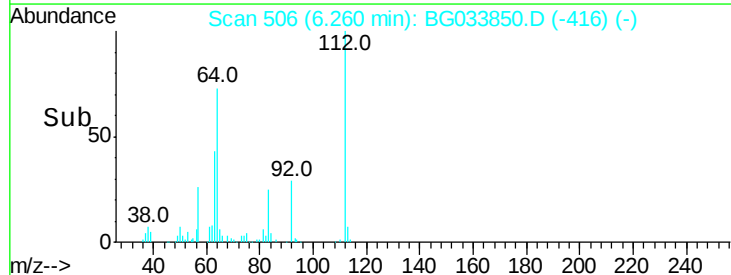
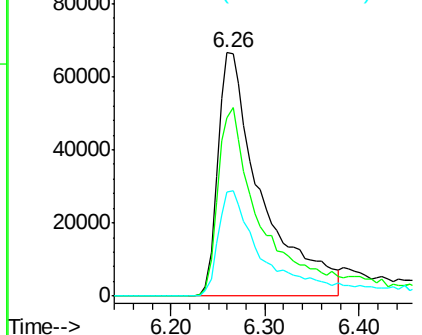
#5

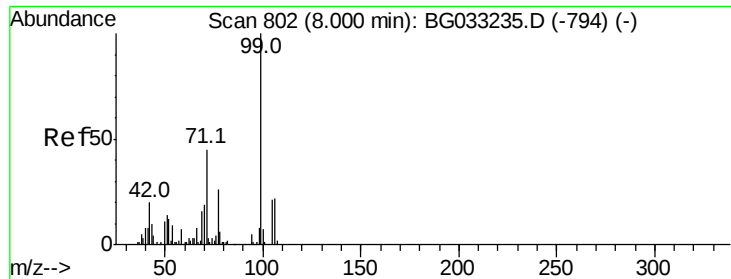
2-Fluorophenol
Concen: 139.947 ng
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

Tgt Ion:112 Resp: 216184
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 43.0 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: 105.059 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

ClientSampleId :

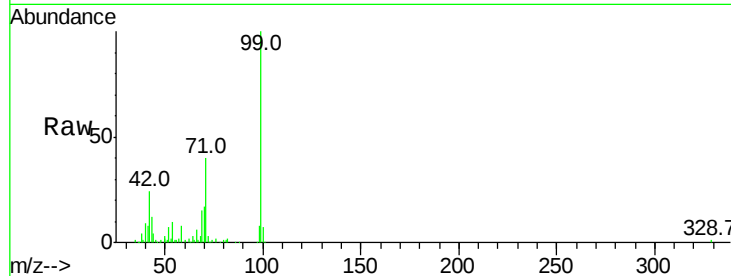
Tot Ion: 99 Resp: 278849

Ion Ratio Lower Upper

99 100

42 23.5 14.1 21.1#

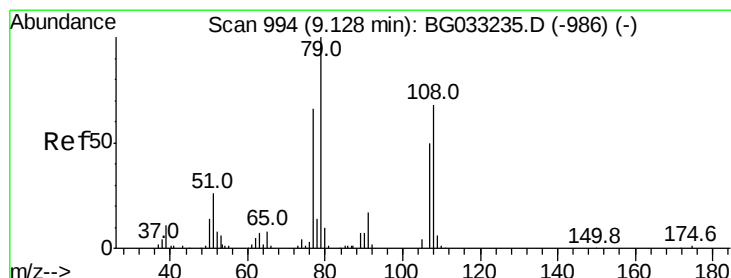
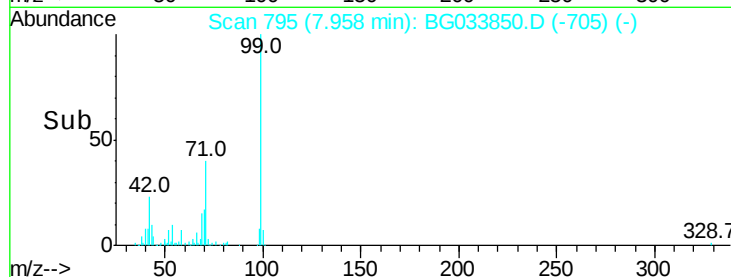
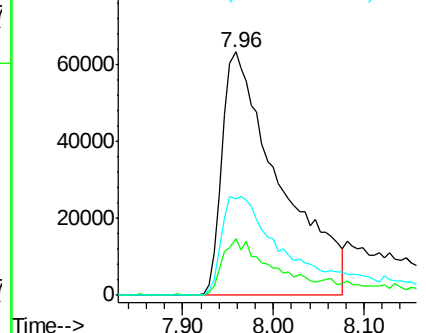
71 39.8 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.617 ng

RT: 9.16 min Scan# 1000

Delta R.T. 0.08 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

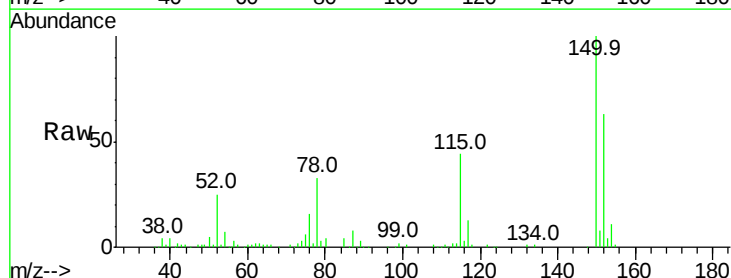
Tgt Ion: 79 Resp: 5469

Ion Ratio Lower Upper

79 100

108 26.0 57.2 85.8#

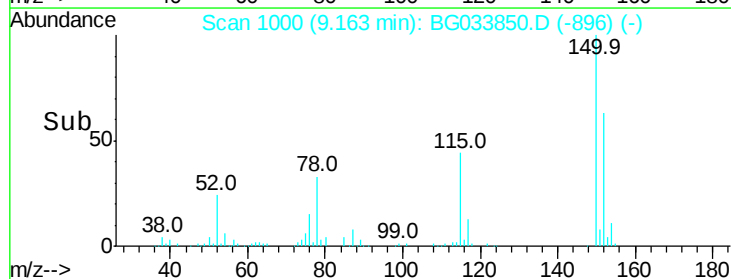
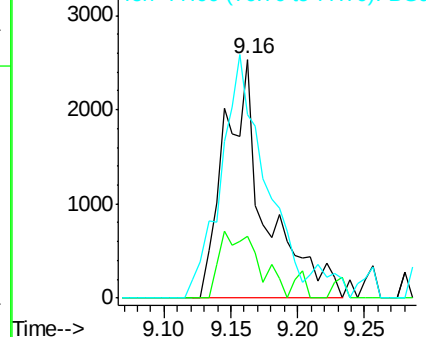
77 76.8 46.1 69.1#

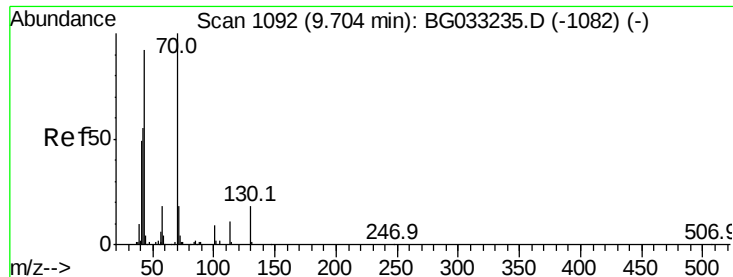


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

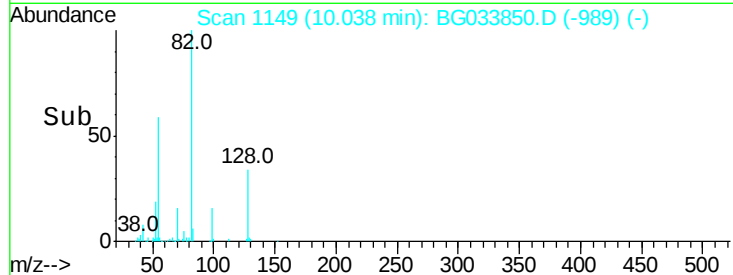
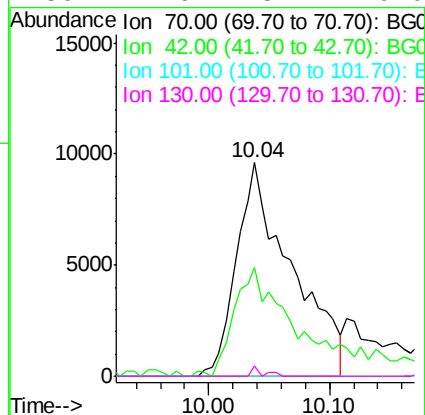
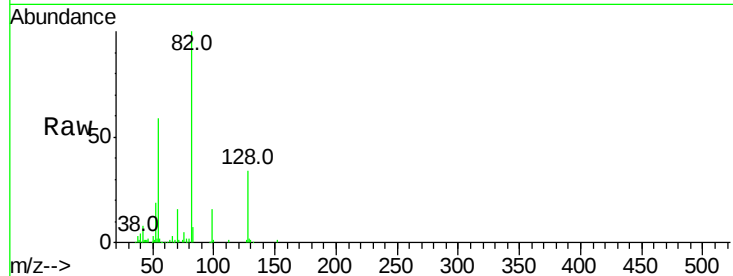




#19
n-Nitroso-di-n-propylamine
Concen: 15.552 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.41 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

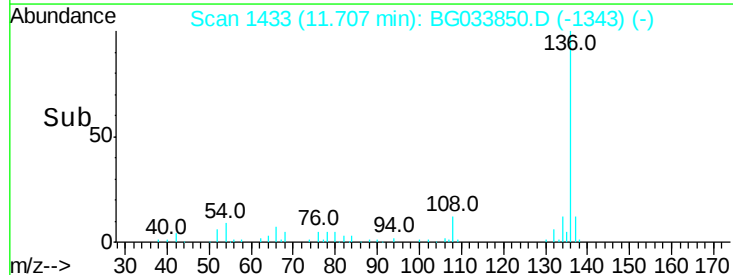
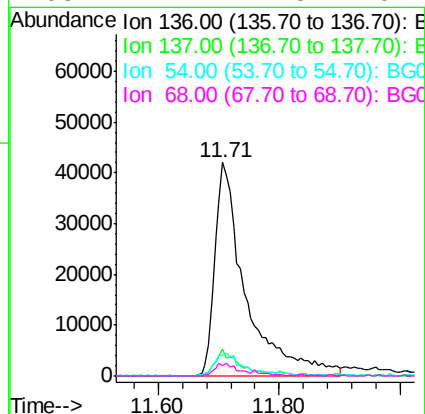
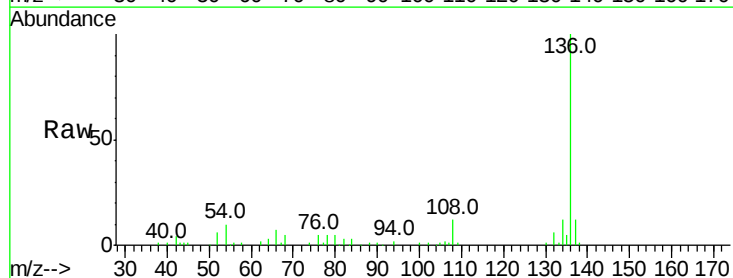
Instrument :
BNA_G
ClientSampleId :

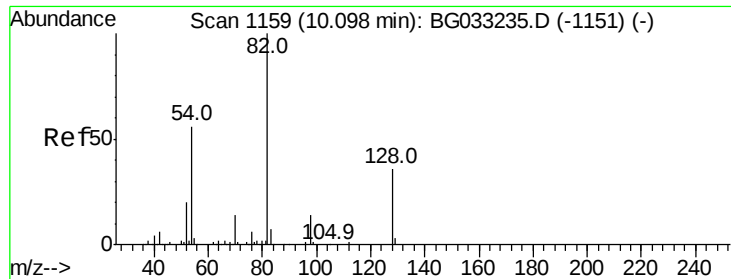
Tot Ion:	70	Resp:	30248
Ion	Ratio	Lower	Upper
70	100		
42	51.3	49.1	73.7
101	0.0	8.5	12.7#
130	4.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

Tgt Ion:	136	Resp:	149306
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	9.9	10.3	15.5#
68	4.7	4.5	6.7

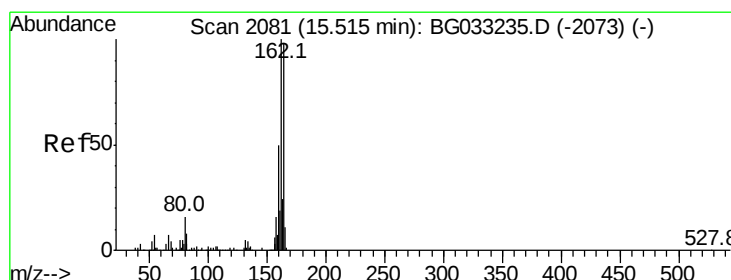
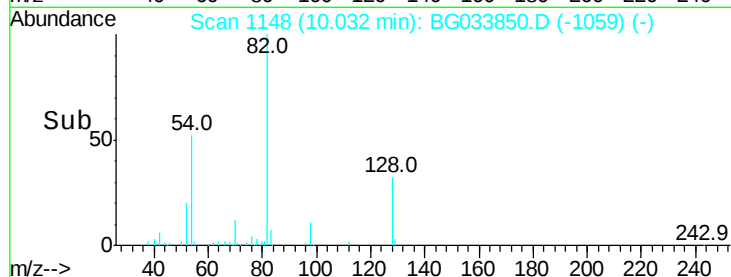
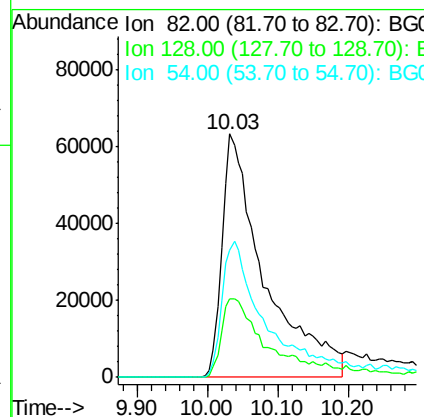
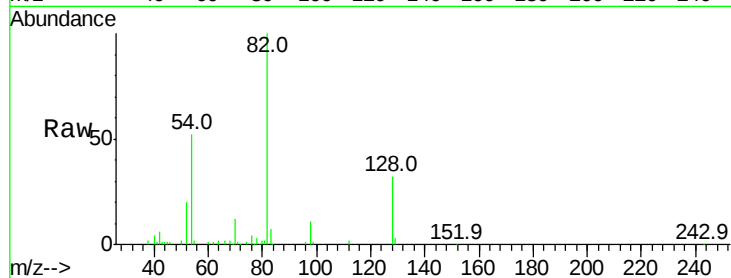




#23
 Nitrobenzene-d5
 Concen: 81.585 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

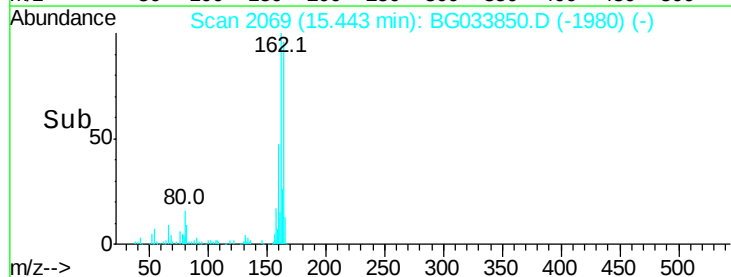
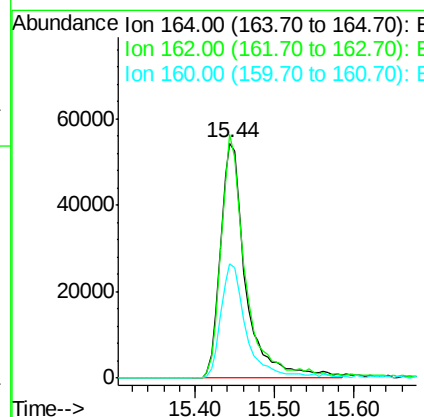
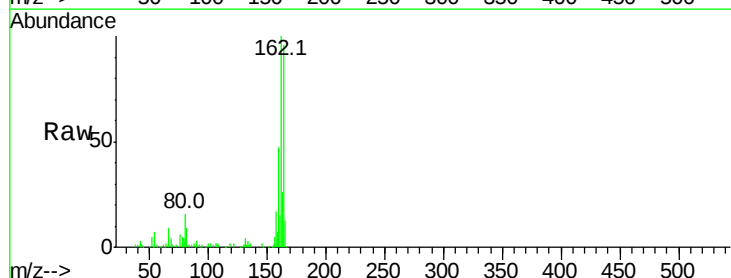
Instrument :
 BNA_G
 ClientSampleId :

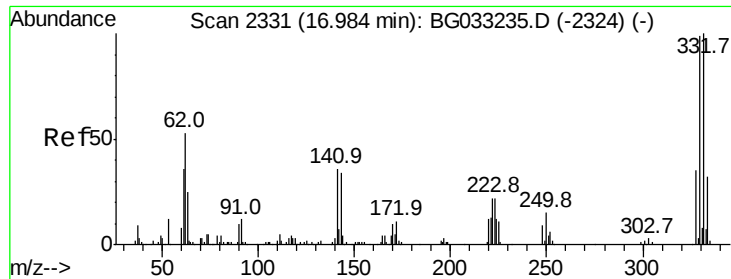
Tot Ion: 82 Resp: 265129
 Ion Ratio Lower Upper
 82 100
 128 32.2 29.7 44.5
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Tgt Ion:164 Resp: 120735
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 48.6 35.4 53.0

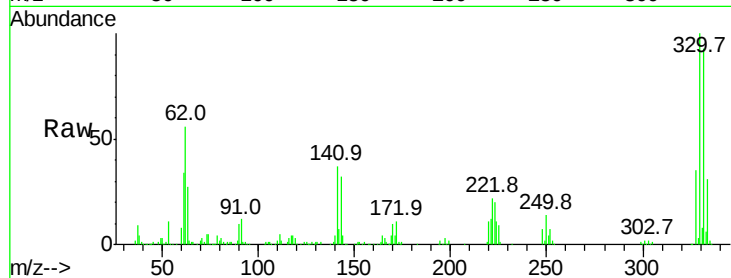




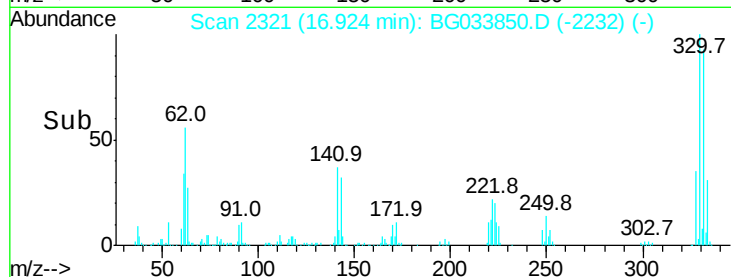
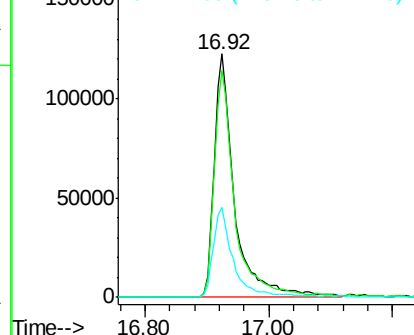
#41
 2,4,6-Tribromophenol
 Concen: 152.490 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 275356
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 36.3 25.2 37.8

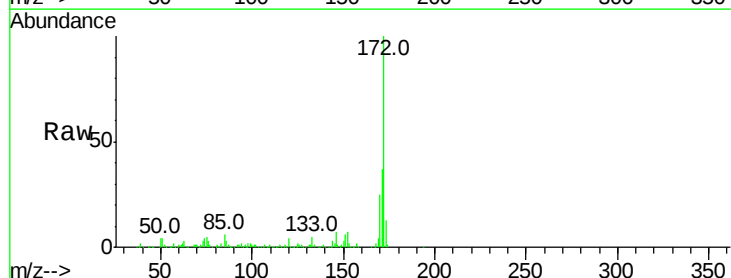


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

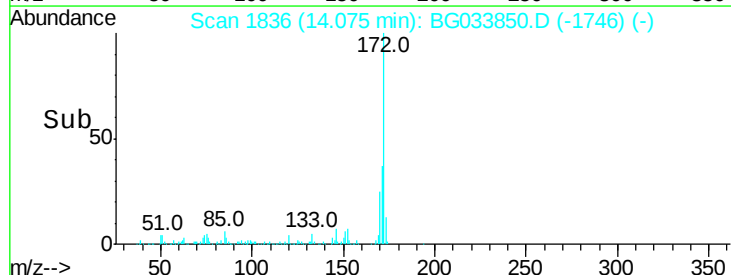
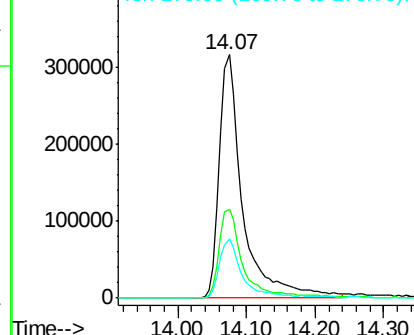


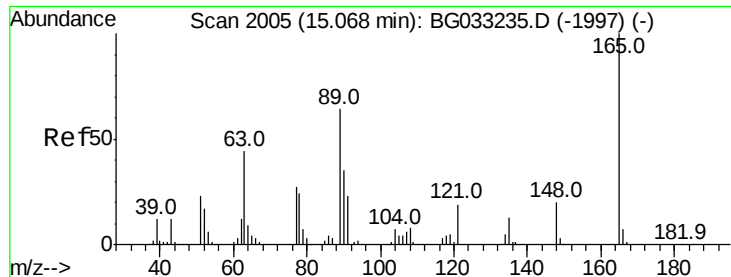
#44
 2-Fluorobiphenyl
 Concen: 89.741 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Tgt Ion:172 Resp: 750524
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 24.6 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

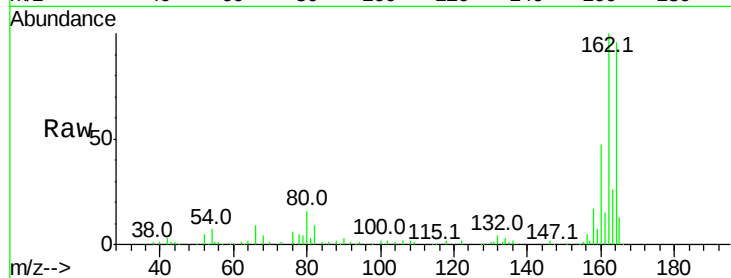




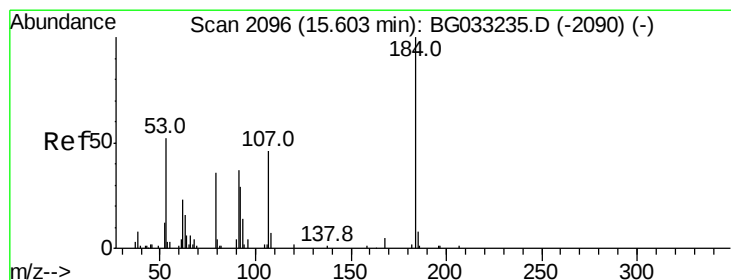
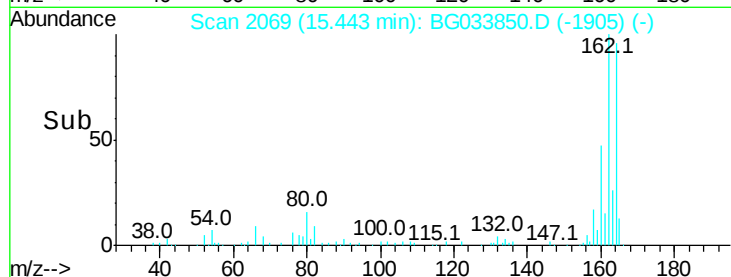
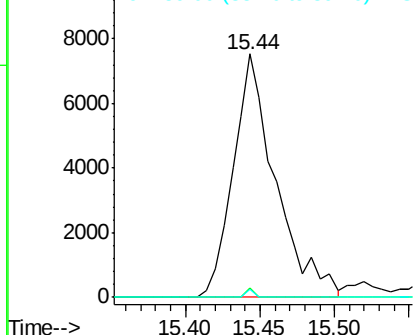
#50
 2,6-Dinitrotoluene
 Concen: 6.873 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. 0.43 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14766
 Ion Ratio Lower Upper
 165 100
 63 3.7 52.7 79.1#
 89 3.5 49.2 73.8#

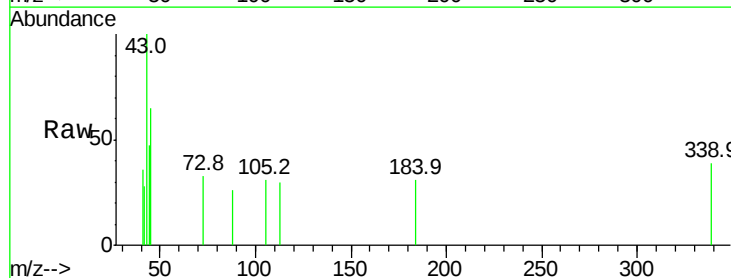


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

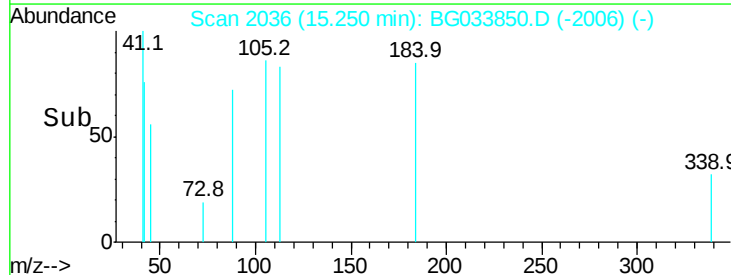
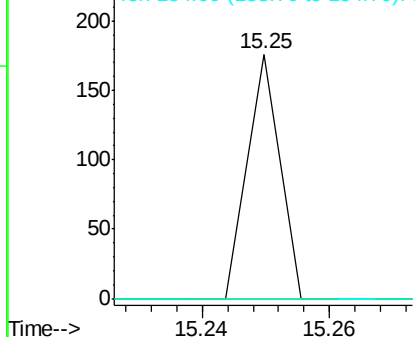


#53
 2,4-Dinitrophenol
 Concen: 7.693 ng
 RT: 15.25 min Scan# 2036
 Delta R.T. -0.36 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Tgt Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

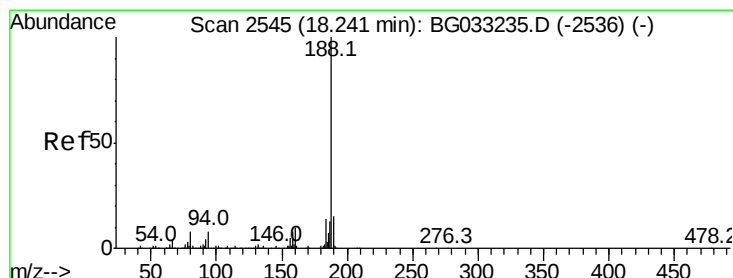
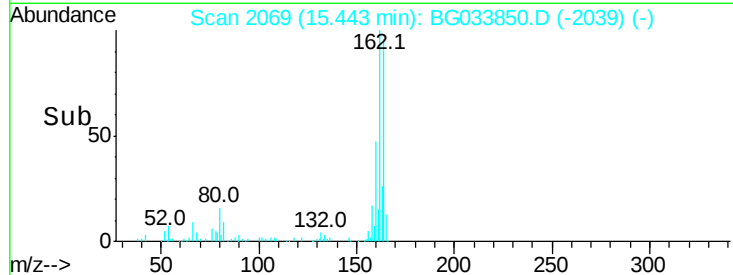
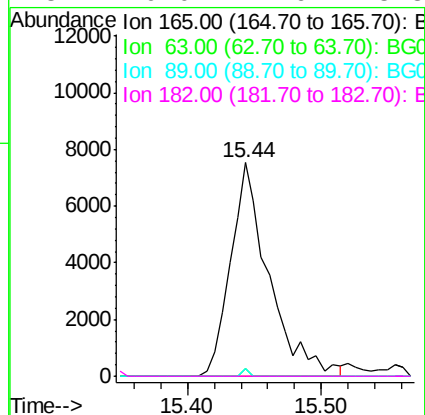
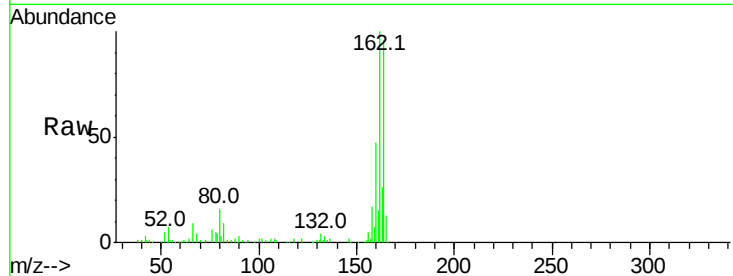




#56
2,4-Dinitrotoluene
Concen: 4.753 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.36 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

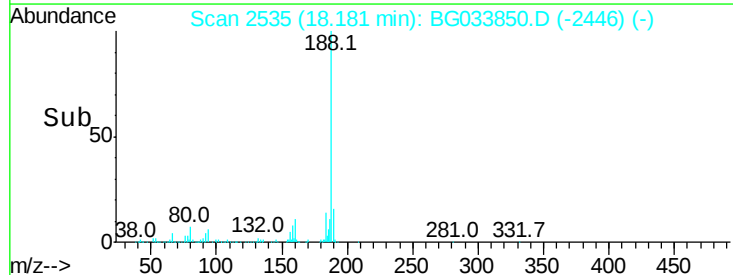
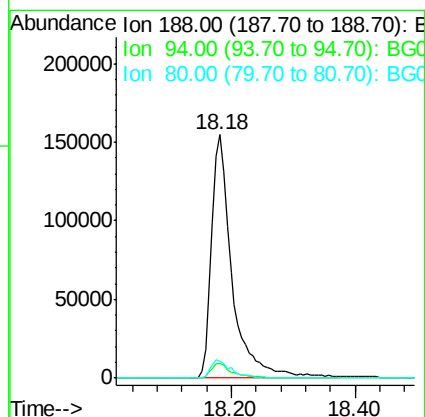
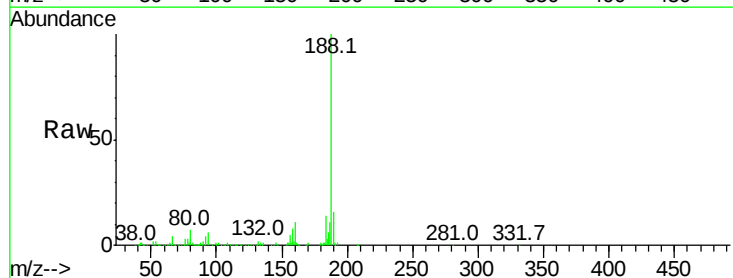
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.7	42.0	63.0#
89	3.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.8	7.7	11.5#

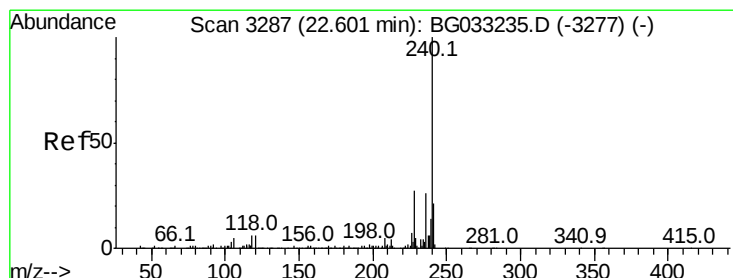
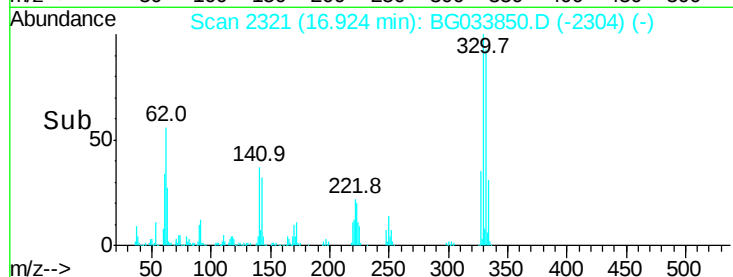
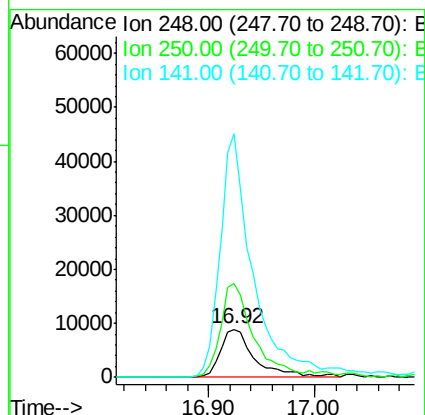
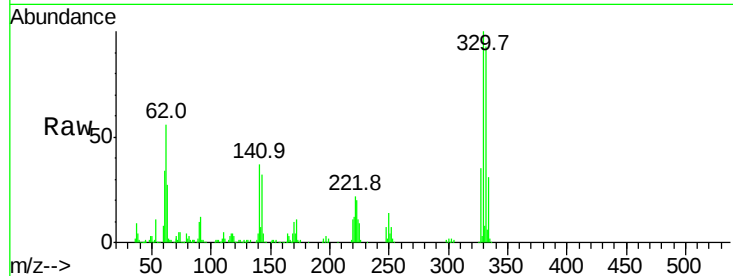




#66
4-Bromophenyl-phenylether
Concen: 4.901 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.43 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

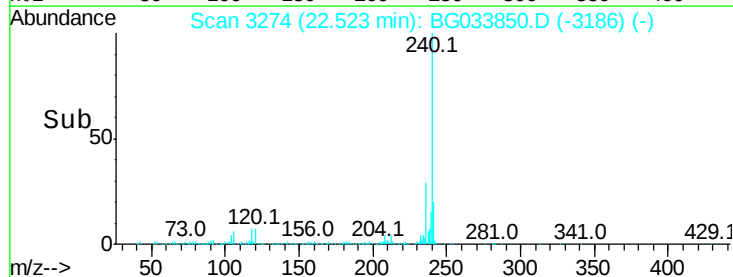
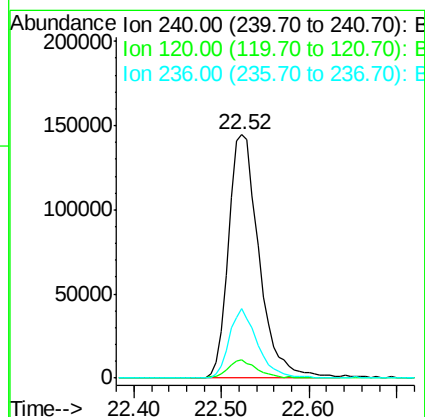
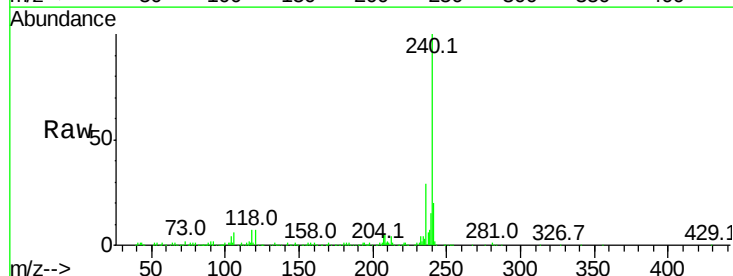
Instrument :
BNA_G
ClientSampleId :

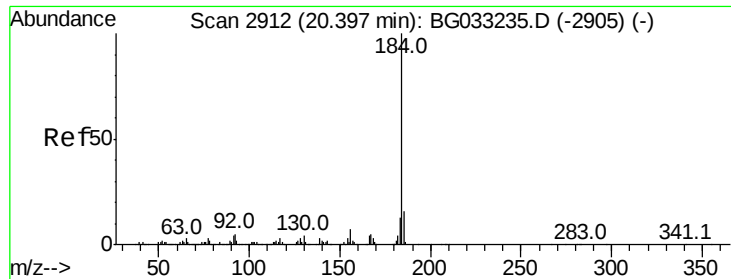
Tot Ion:248 Resp: 20421
Ion Ratio Lower Upper
248 100
250 196.8 77.1 115.7#
141 508.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BG033850.D
Acq: 17 Apr 2018 18:28

Tgt Ion:240 Resp: 344741
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 28.7 20.9 31.3





#76

Benzidine

Concen: 2.812 ng

RT: 20.70 min Scan# 2964

Delta R.T. 0.33 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

ClientSampleId :

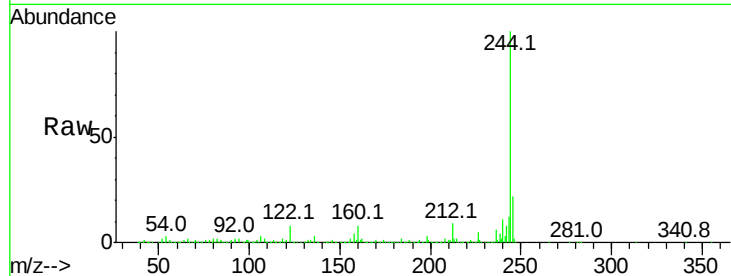
Tot Ion:184 Resp: 26287

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

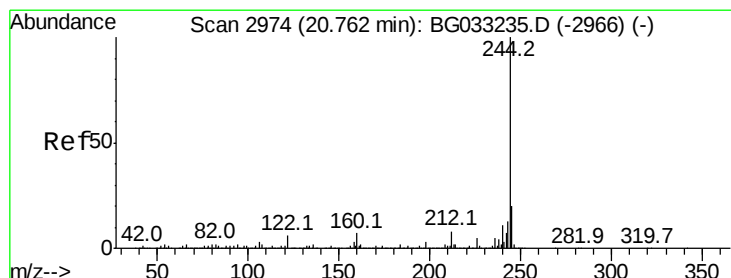
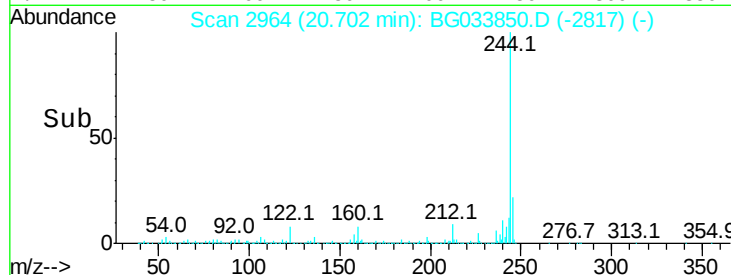
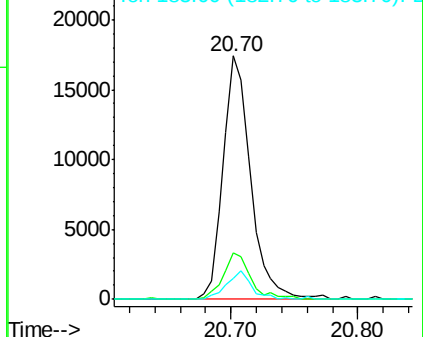
183 8.4 10.6 16.0#



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: 95.580 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

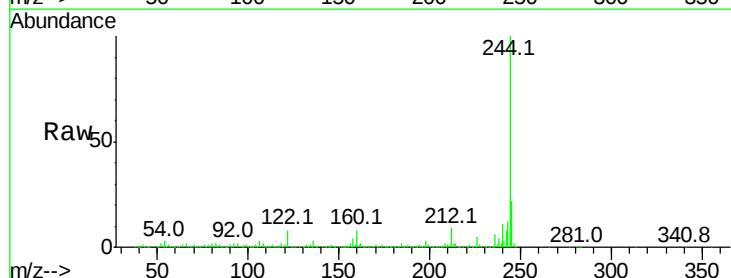
Tgt Ion:244 Resp: 1540744

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

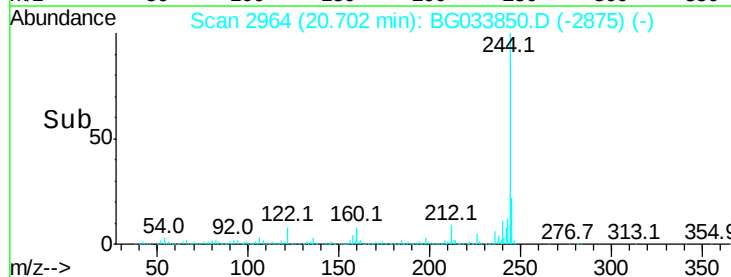
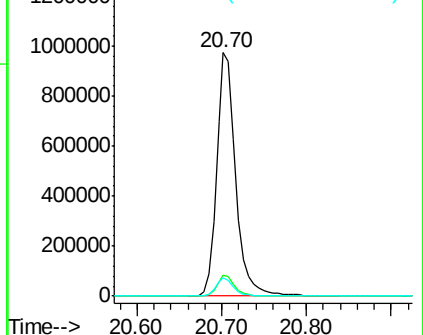
122 7.8 7.0 10.4



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

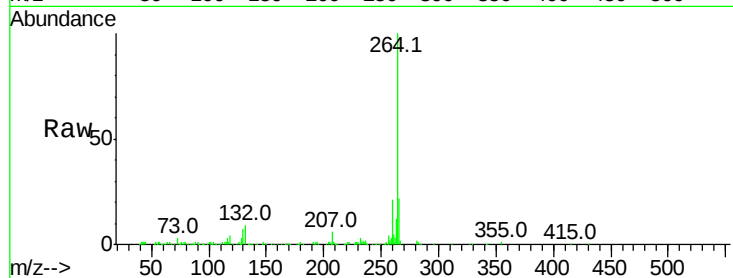




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.04 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	20.6	17.4	26.0	
265	22.0	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

