

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033854.D
 Acq On : 17 Apr 2018 20:59
 Operator : SJ/JU
 Sample : J2410-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:04:17 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

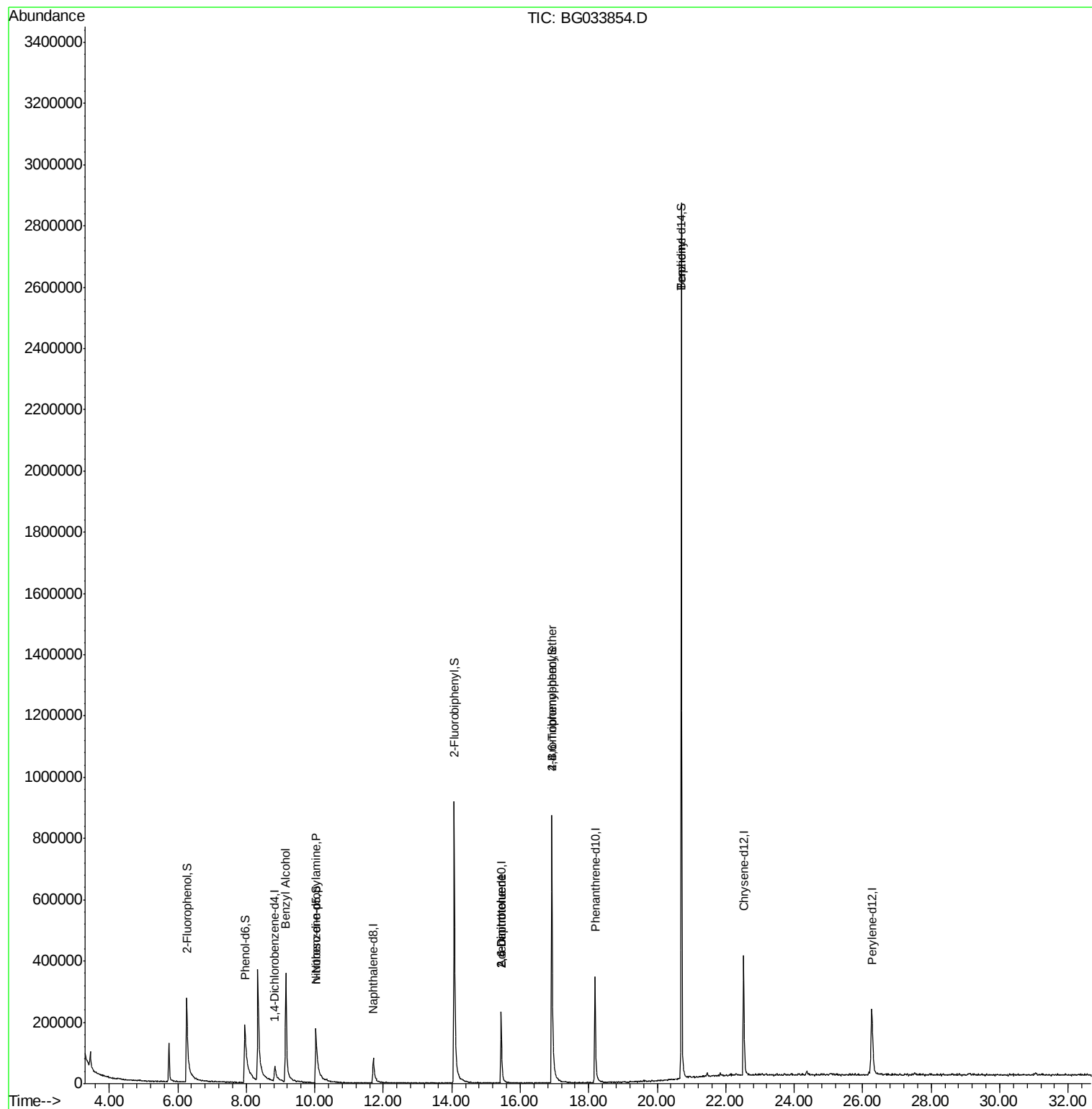
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	25549	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	134800	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	107197	20.00	ng	-0.01
63) Phenanthrene-d10	18.18	188	334073	20.00	ng	0.00
75) Chrysene-d12	22.52	240	330869	20.00	ng	-0.01
86) Perylene-d12	26.27	264	352208	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	195633	143.58	ng	0.00
7) Phenol-d6	7.96	99	284366	121.47	ng	0.00
23) Nitrobenzene-d5	10.04	82	271748	92.62	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	255910	159.62	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	737384	99.30	ng	0.00
78) Terphenyl-d14	20.70	244	1518848	98.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.16	79	4822	2.616	ng	# 54
19) n-Nitroso-di-n-propylamine	10.04	70	30244	17.630	ng	# 71
50) 2,6-Dinitrotoluene	15.44	165	13863	7.268	ng	# 18
56) 2,4-Dinitrotoluene	15.44	165	13863	4.936	ng	# 16
66) 4-Bromophenyl-phenylether	16.93	248	18593	4.739	ng	# 1
76) Benzidine	20.70	184	25127	2.800	ng	# 93

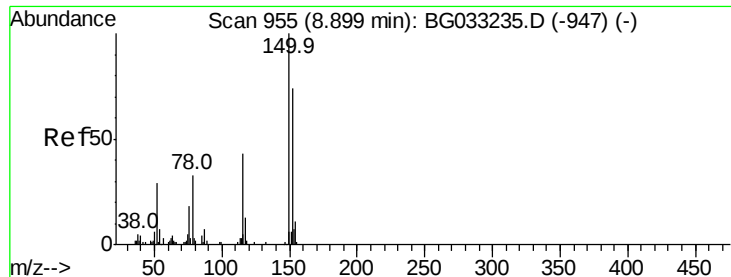
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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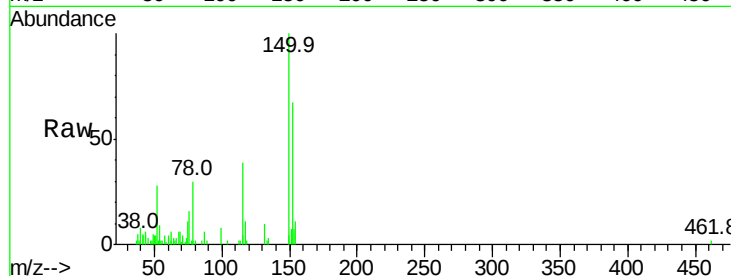


#1

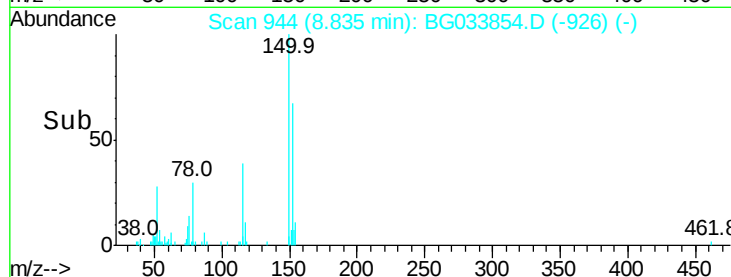
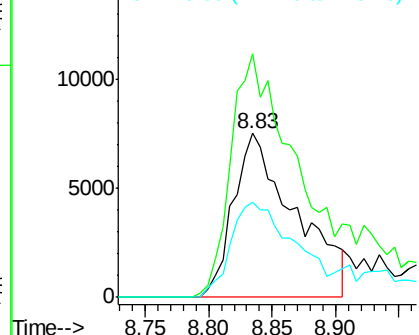
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	57.9	53.0	79.4



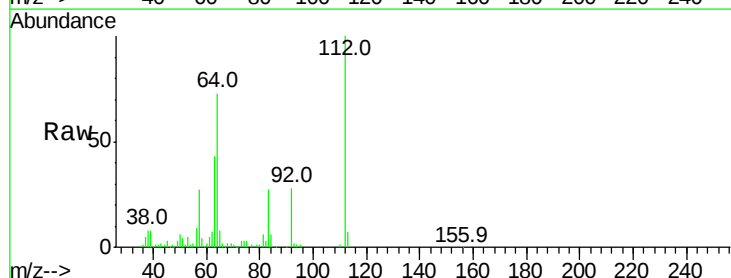
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



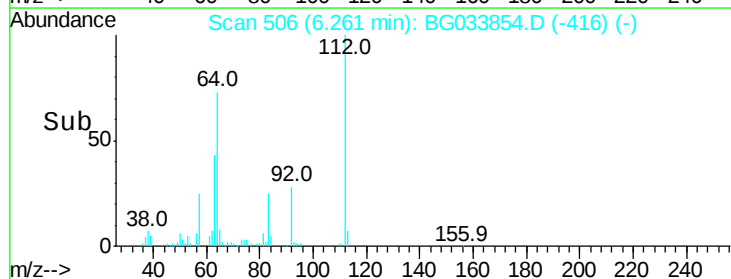
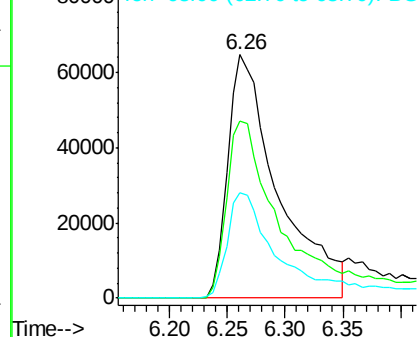
#5

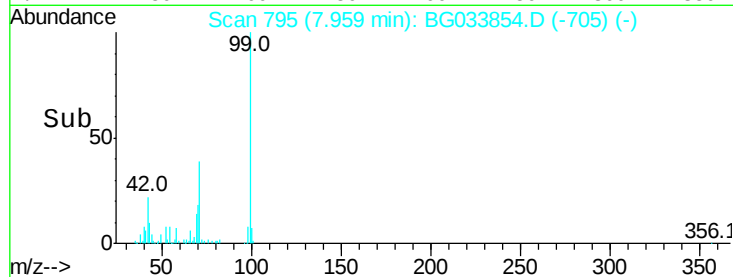
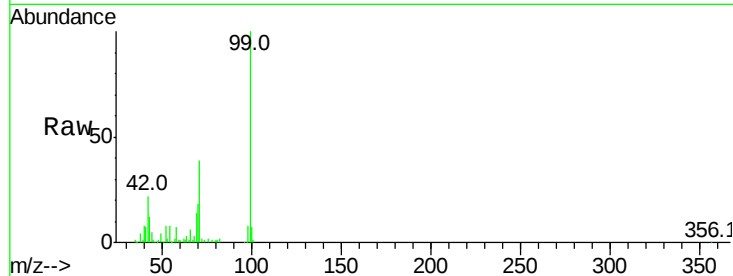
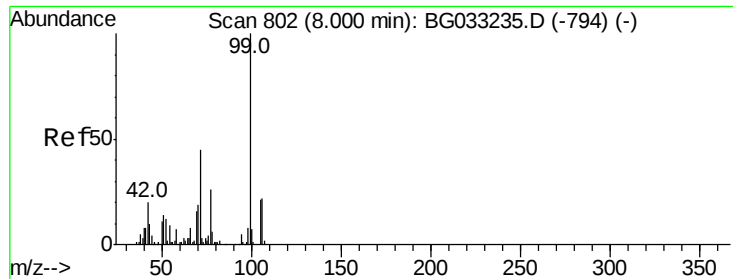
2-Fluorophenol
 Concen: 143.581 ng
 RT: 6.26 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	43.3	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: 121.467 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

Instrument :

BNA_G

ClientSampleId :

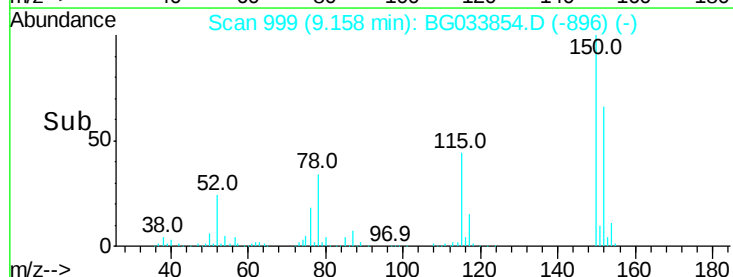
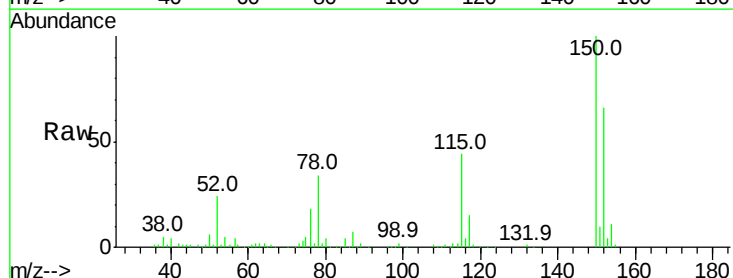
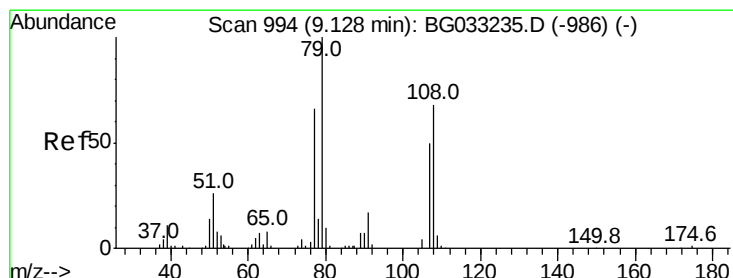
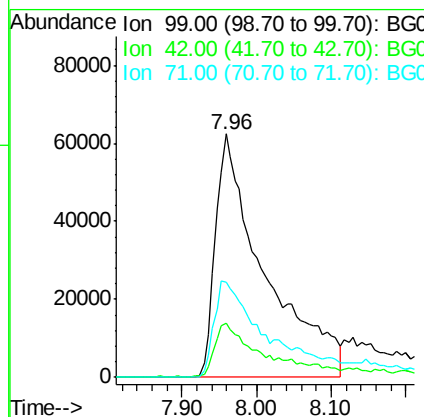
Tot Ion: 99 Resp: 284366

Ion Ratio Lower Upper

99 100

42 22.2 14.1 21.1#

71 39.3 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.616 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.07 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

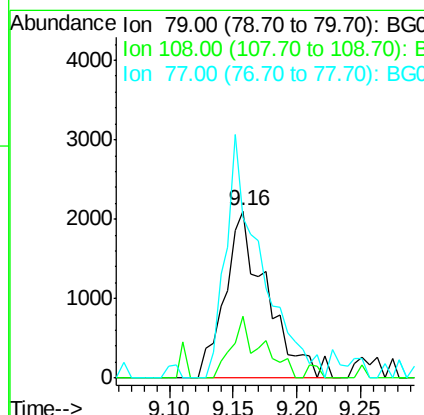
Tgt Ion: 79 Resp: 4822

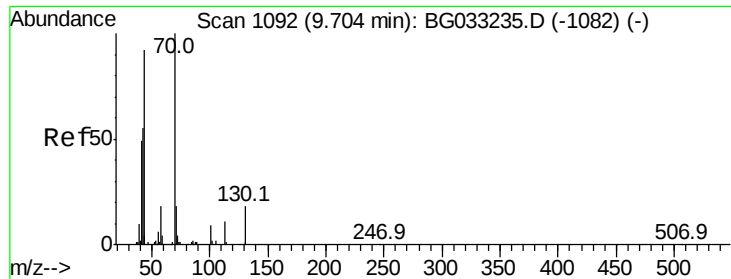
Ion Ratio Lower Upper

79 100

108 36.6 57.2 85.8#

77 95.7 46.1 69.1#

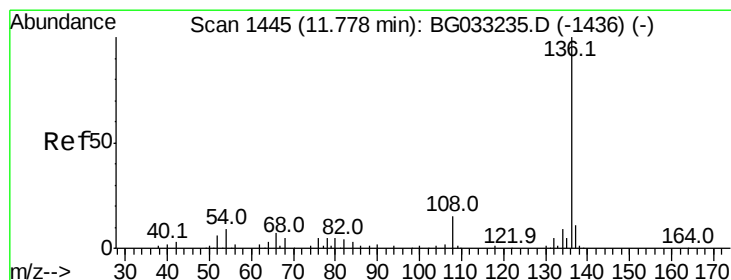
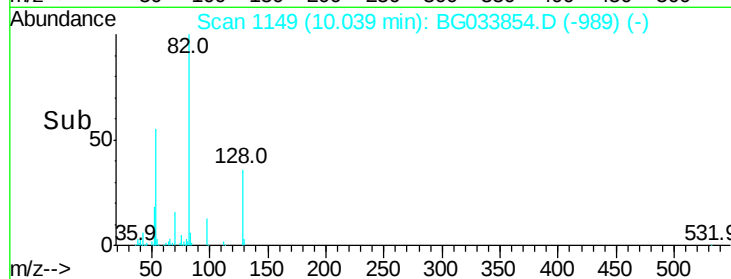
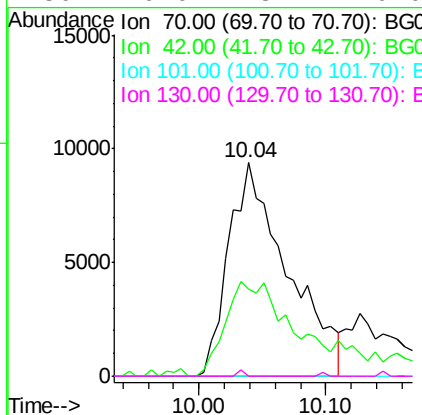
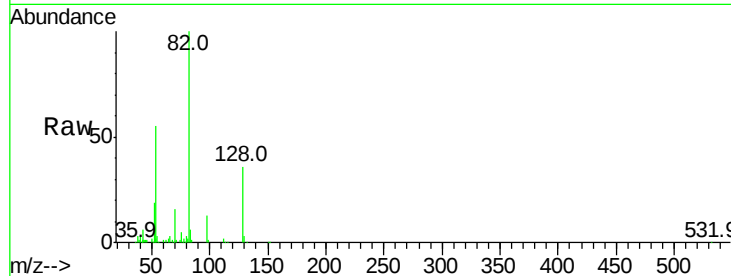




#19
n-Nitroso-di-n-propylamine
Concen: 17.630 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.41 min
Lab File: BG033854.D
Acq: 17 Apr 2018 20:59

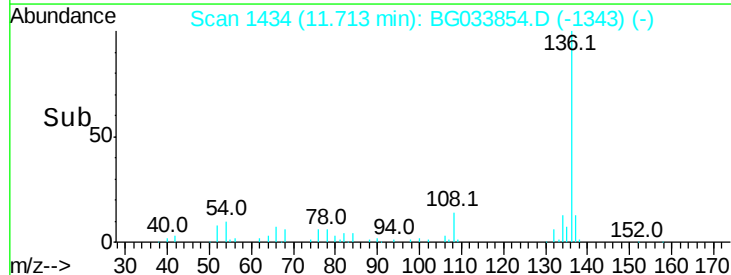
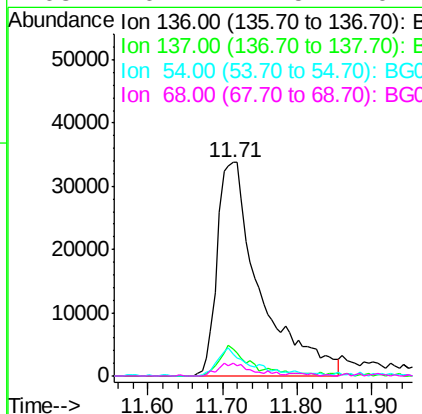
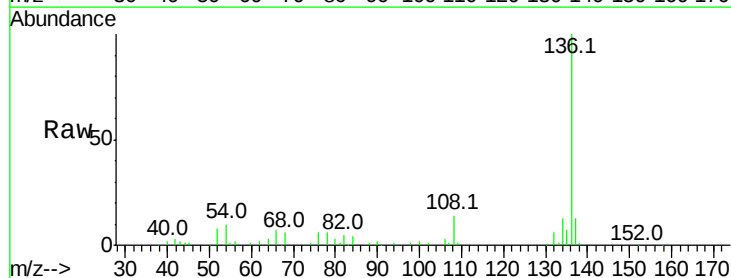
Instrument :
BNA_G
ClientSampled :

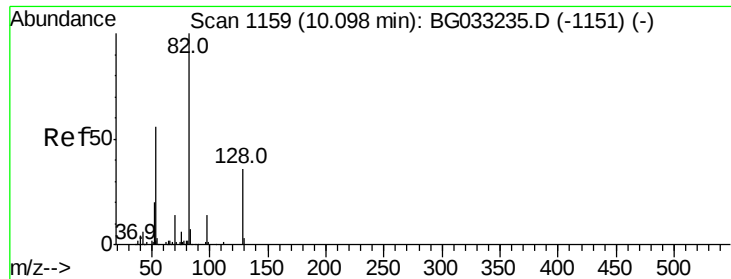
Tot Ion:	70	Resp:	30244
Ion	Ratio	Lower	Upper
70	100		
42	40.8	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG033854.D
Acq: 17 Apr 2018 20:59

Tgt Ion:	136	Resp:	134800
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	10.0	10.3	15.5#
68	6.1	4.5	6.7

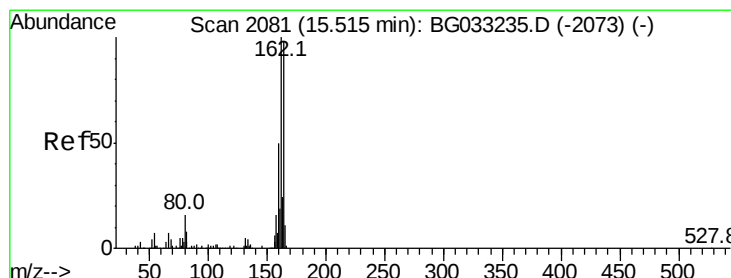
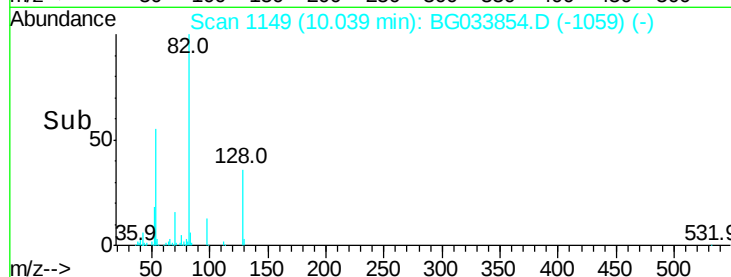
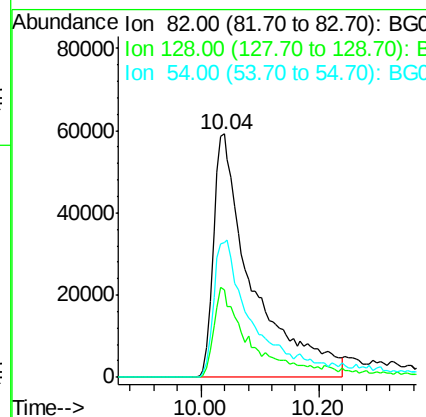
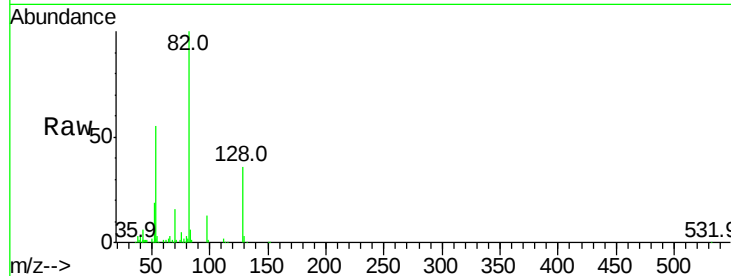




#23
 Nitrobenzene-d5
 Concen: 92.620 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

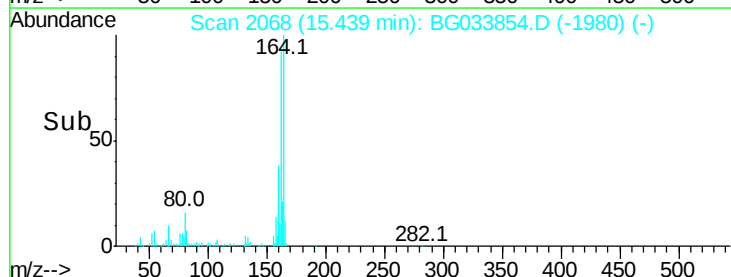
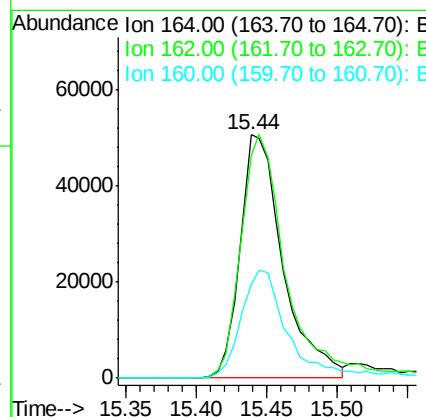
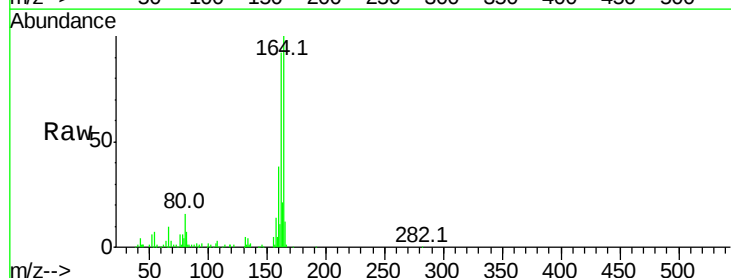
Instrument :
 BNA_G
 ClientSampleId :

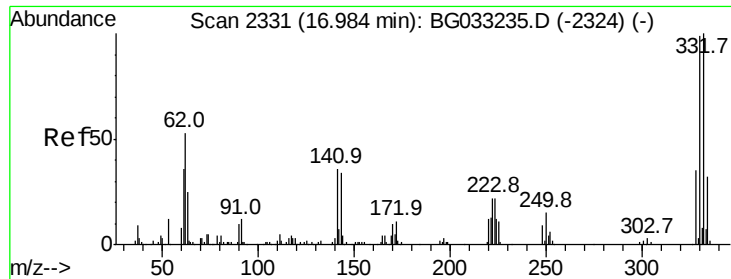
Tot Ion: 82 Resp: 271748
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 55.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

Tgt Ion: 164 Resp: 107197
 Ion Ratio Lower Upper
 164 100
 162 92.0 78.8 118.2
 160 38.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 159.619 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

Instrument :

BNA_G

ClientSampled :

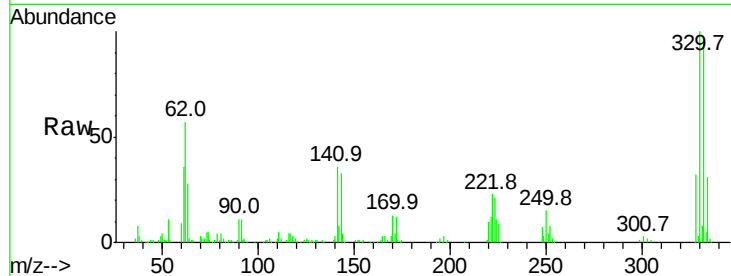
Tot Ion:330 Resp: 255910

Ion Ratio Lower Upper

330 100

332 91.8 77.0 115.6

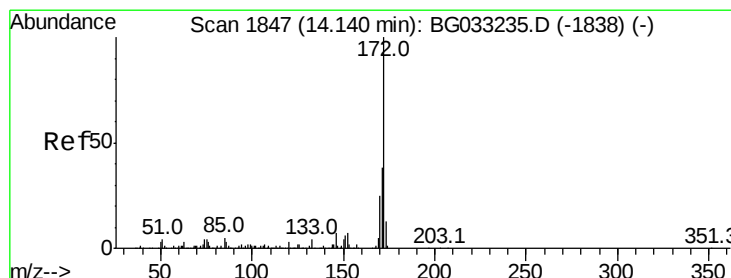
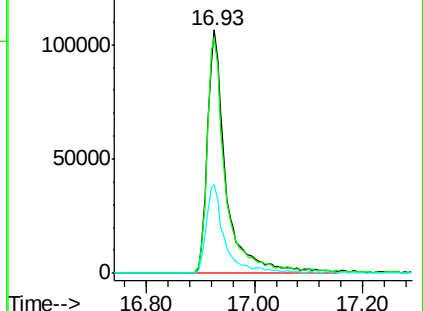
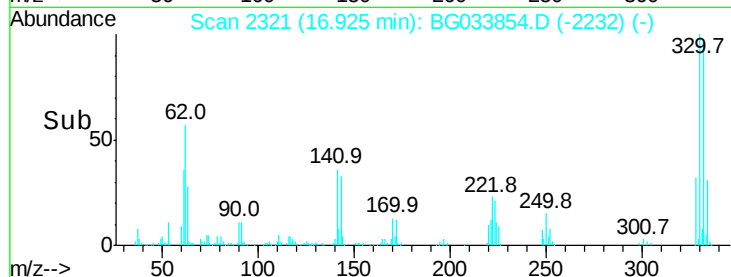
141 35.0 25.2 37.8



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: 99.304 ng

RT: 14.07 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

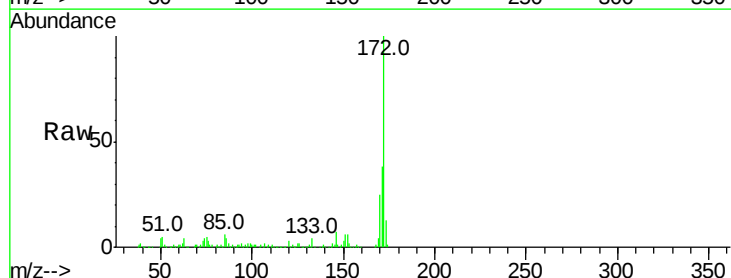
Tgt Ion:172 Resp: 737384

Ion Ratio Lower Upper

172 100

171 38.1 30.0 45.0

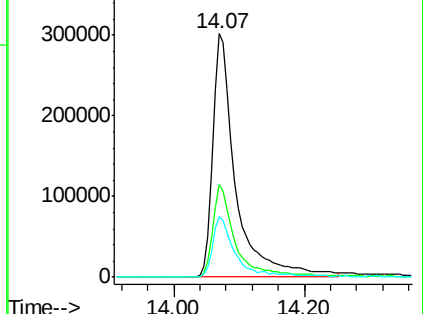
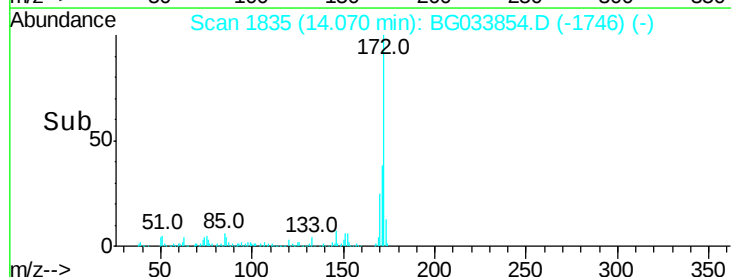
170 24.9 19.5 29.3

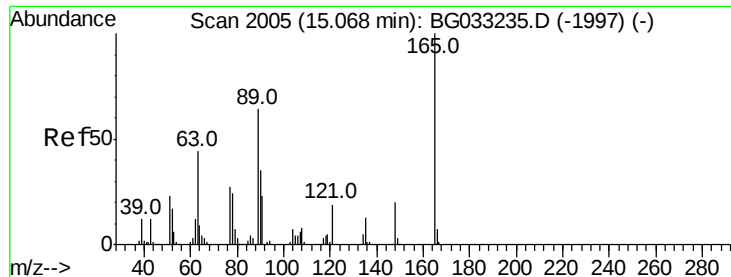


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.268 ng

RT: 15.44 min Scan# 2068

Delta R.T. 0.43 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

Instrument :

BNA_G

ClientSampleId :

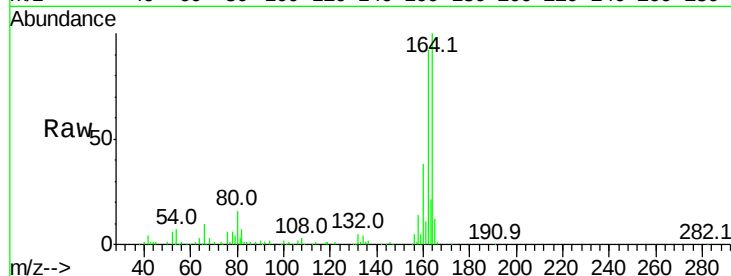
Tot Ion:165 Resp: 13863

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

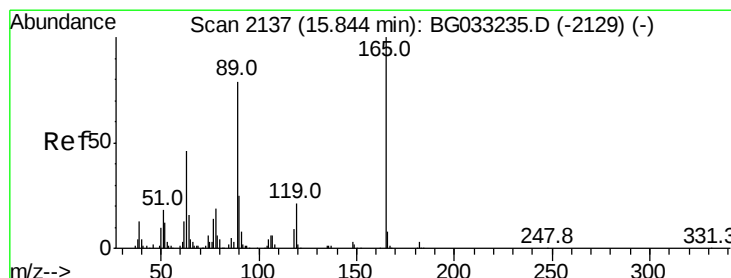
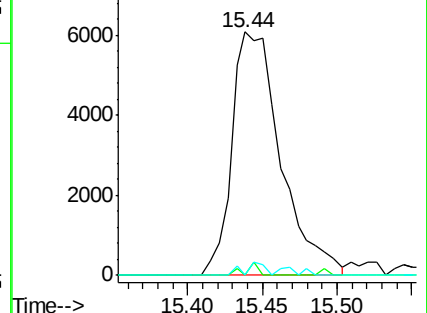
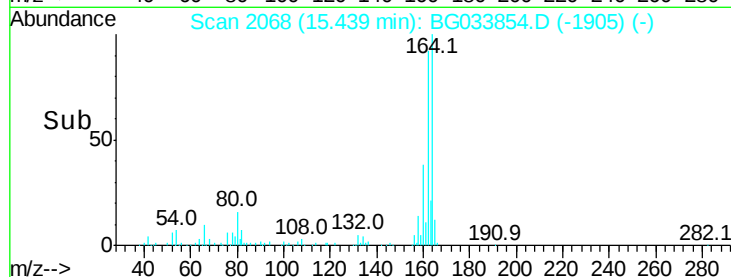
89 0.0 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 4.936 ng

RT: 15.44 min Scan# 2068

Delta R.T. -0.36 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

Tgt Ion:165 Resp: 13863

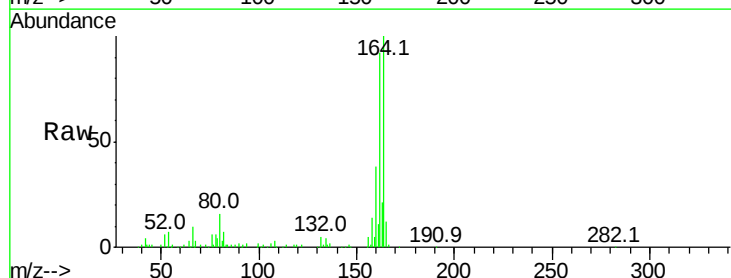
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

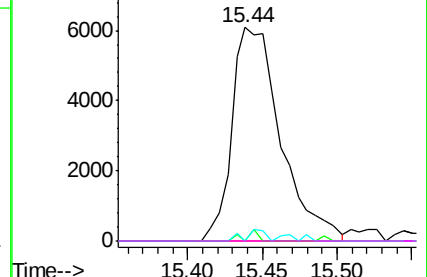
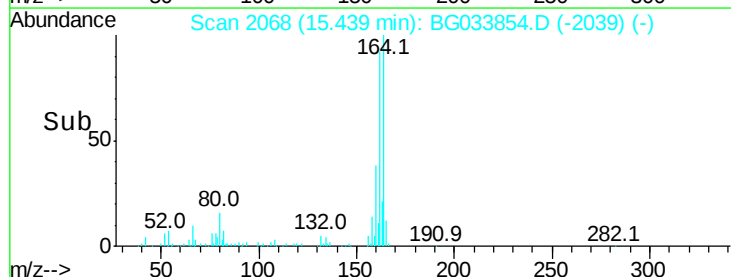


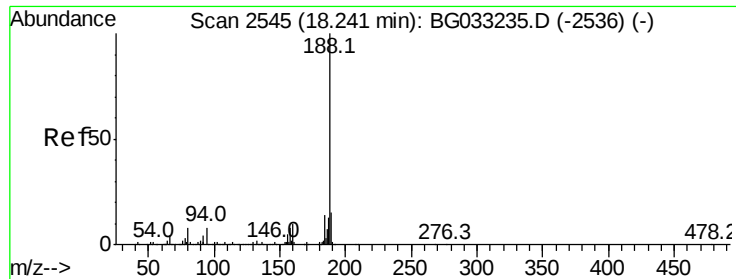
Abundance Ion 165.00 (164.70 to 165.70): E

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

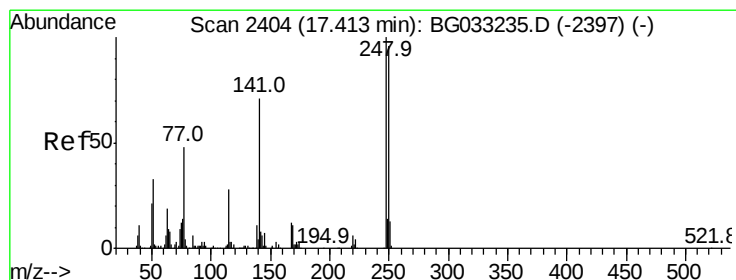
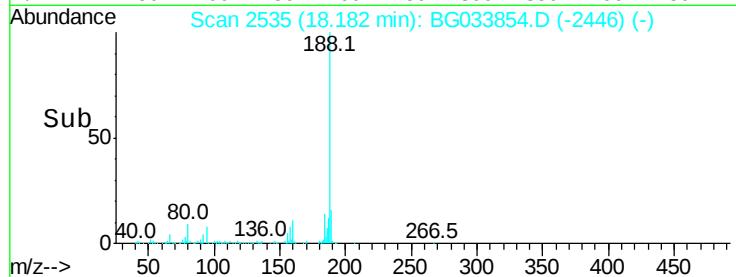
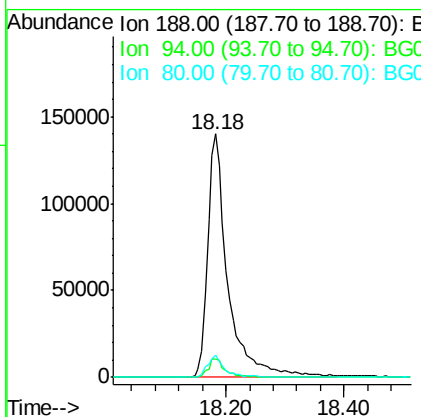
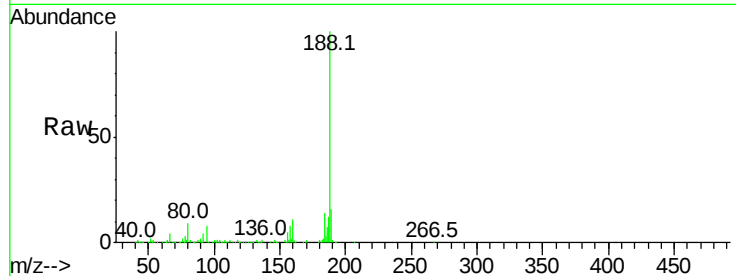




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033854.D
Acq: 17 Apr 2018 20:59

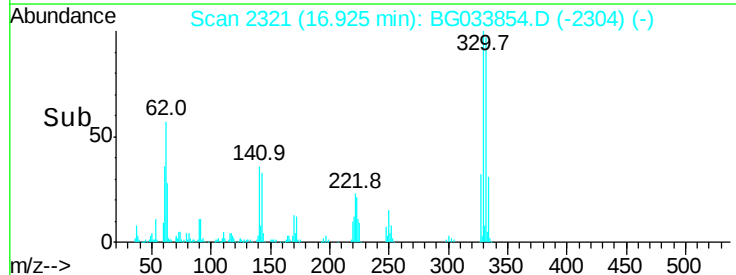
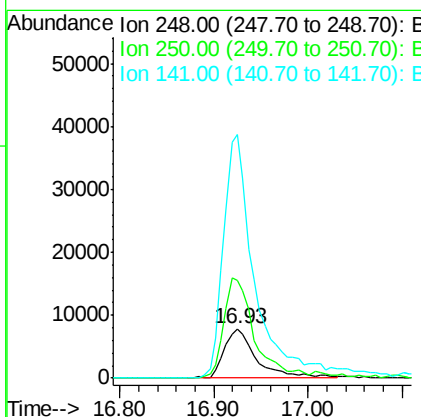
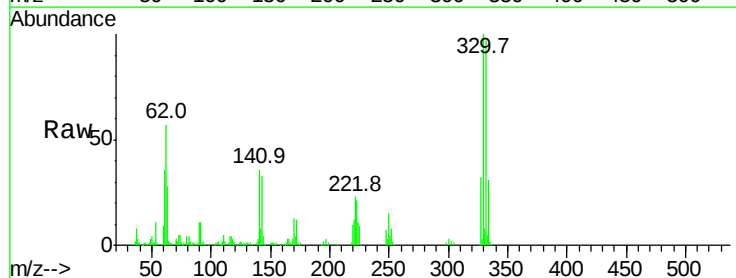
Instrument :
BNA_G
ClientSampleId :

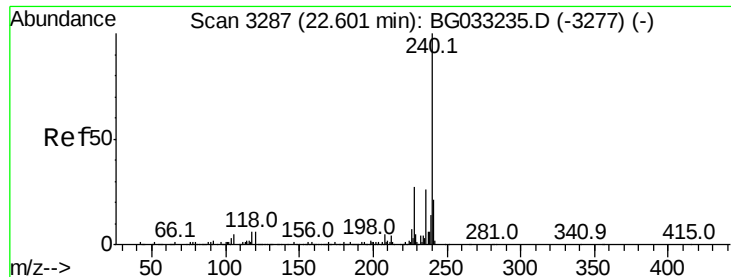
Tot Ion:188 Resp: 334073
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.1 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.739 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.43 min
Lab File: BG033854.D
Acq: 17 Apr 2018 20:59

Tgt Ion:248 Resp: 18593
Ion Ratio Lower Upper
248 100
250 147.6 77.1 115.7#
141 367.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.52 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

Instrument :

BNA_G

ClientSampleId :

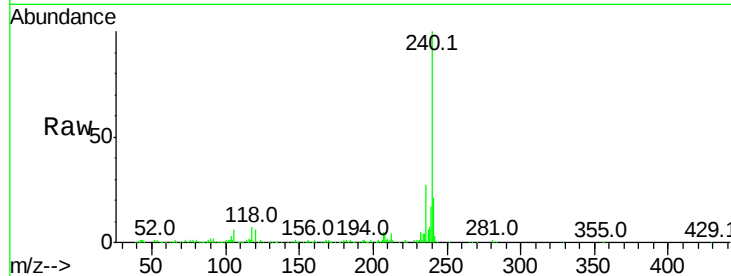
Tot Ion:240 Resp: 330869

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

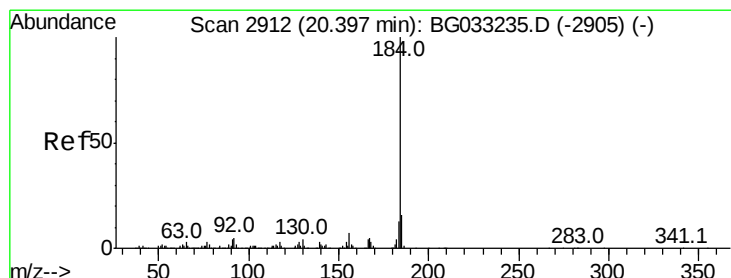
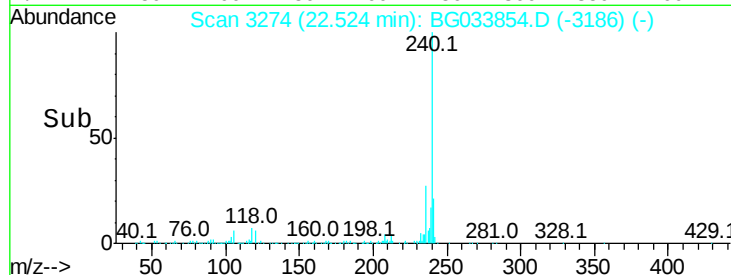
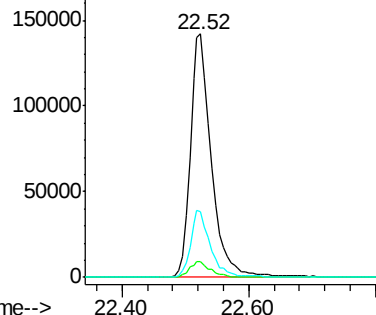
236 27.2 20.9 31.3



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: 2.800 ng

RT: 20.70 min Scan# 2964

Delta R.T. 0.33 min

Lab File: BG033854.D

Acq: 17 Apr 2018 20:59

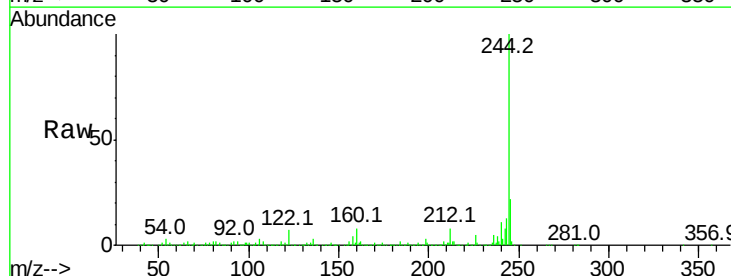
Tgt Ion:184 Resp: 25127

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

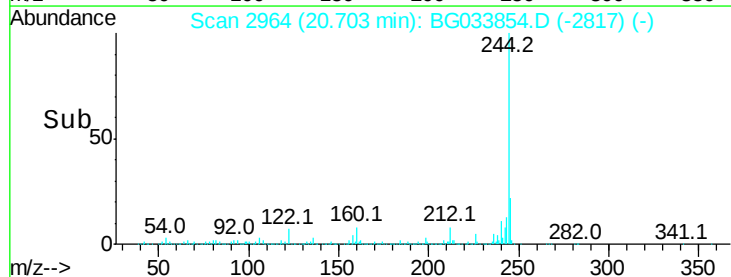
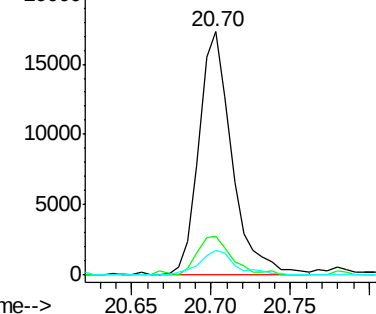
183 9.9 10.6 16.0#

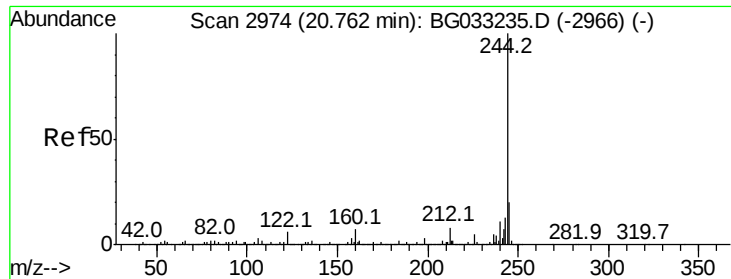


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

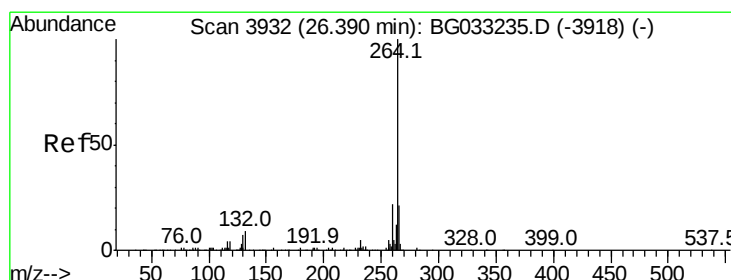
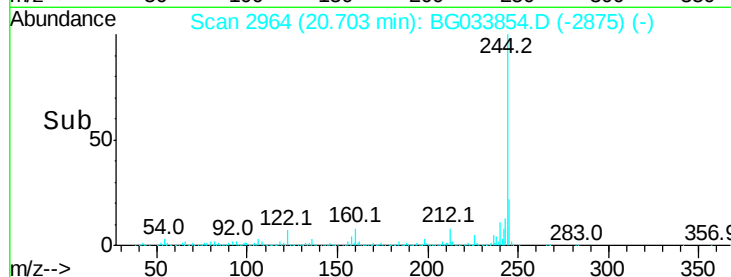
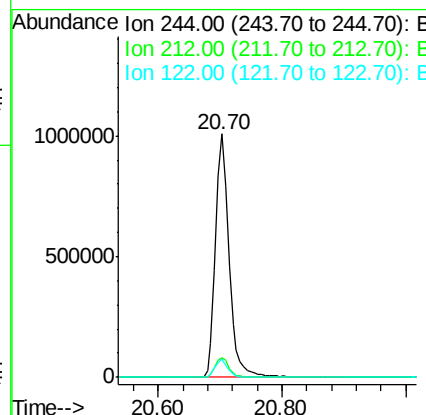
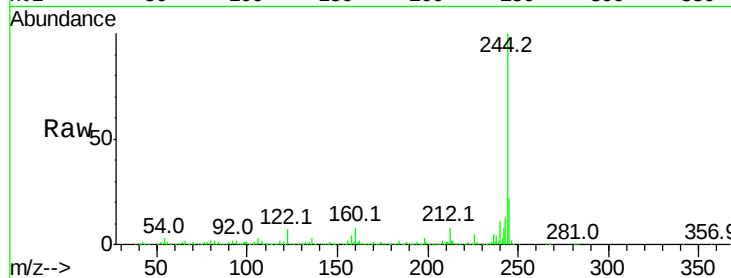




#78
 Terphenyl-d14
 Concen: 98.172 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.01 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1518848
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.04 min
 Lab File: BG033854.D
 Acq: 17 Apr 2018 20:59

Tgt Ion:264 Resp: 352208
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 20.5 17.7 26.5

