

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033551.D
 Acq On : 4 Apr 2018 8:51
 Operator : SJ/JU
 Sample : J2177-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 10:34:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

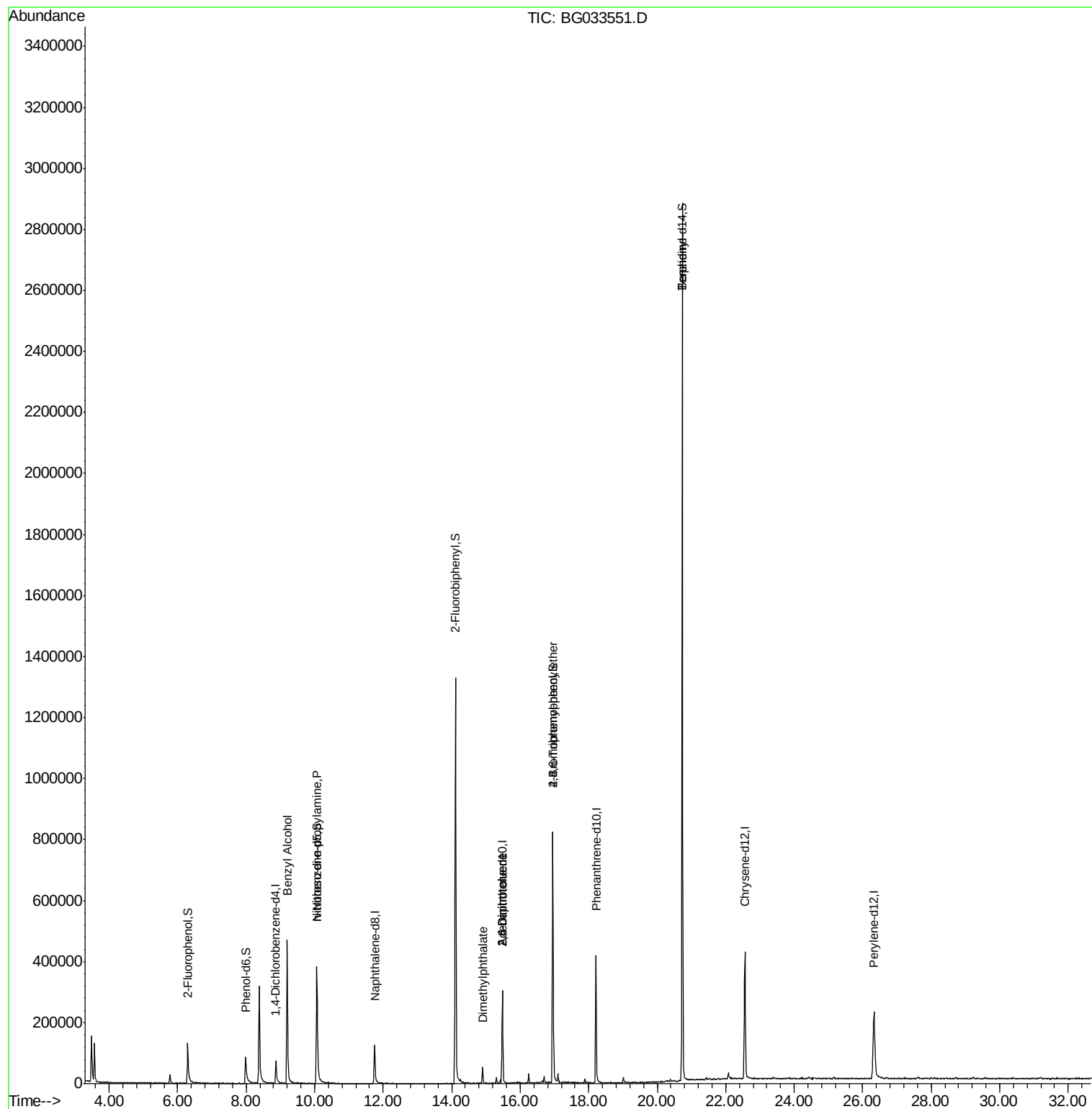
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28938	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	133573	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	110868	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310227	20.00	ng	0.00
75) Chrysene-d12	22.56	240	317626	20.00	ng	0.00
86) Perylene-d12	26.33	264	327913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	76425	49.52	ng	0.00
7) Phenol-d6	7.98	99	73896	27.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	302596	104.08	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	167755	101.17	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	778743	101.40	ng	0.00
78) Terphenyl-d14	20.73	244	1419485	95.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4346	2.082	ng	# 30
19) n-Nitroso-di-n-propylamine	10.07	70	41038	21.121	ng	# 71
49) Dimethylphthalate	14.90	163	33515	3.474	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	14399	7.299	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	14399	4.957	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	13204	3.624	ng	# 1
76) Benizidine	20.73	184	24210	2.811	ng	# 90

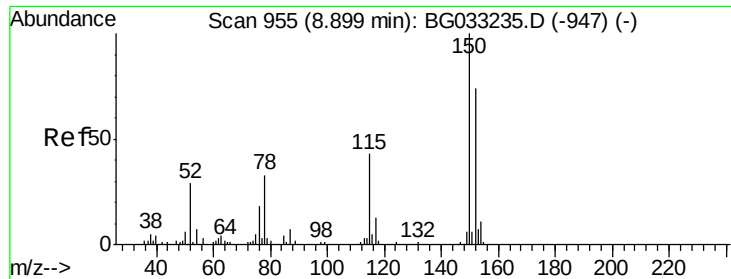
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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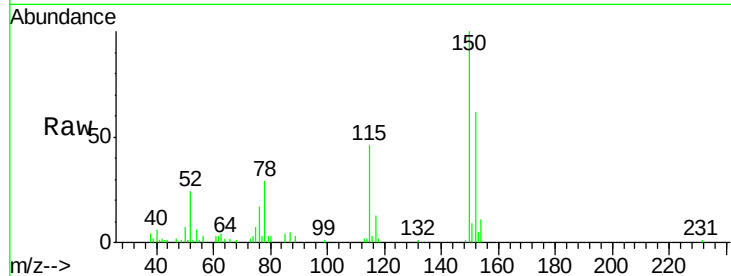


#1

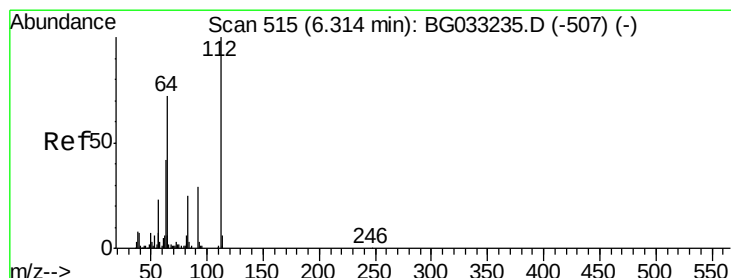
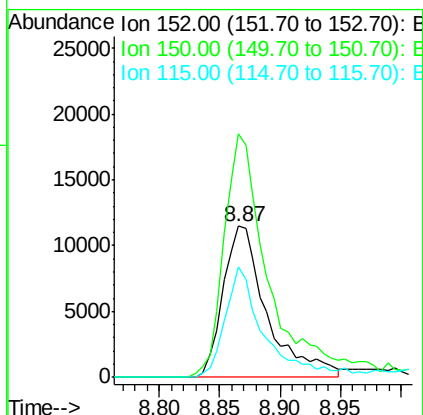
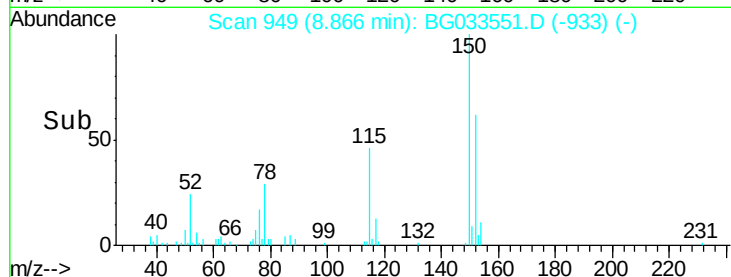
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.6	189.8
115	73.5	53.0	79.4



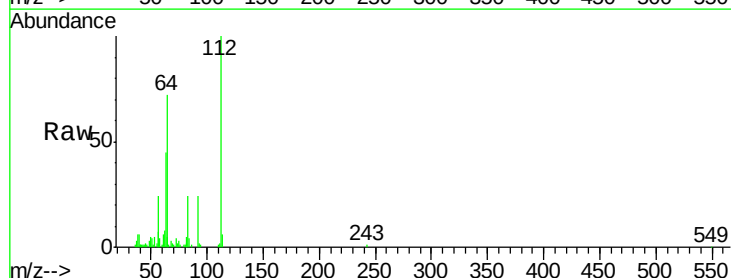
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



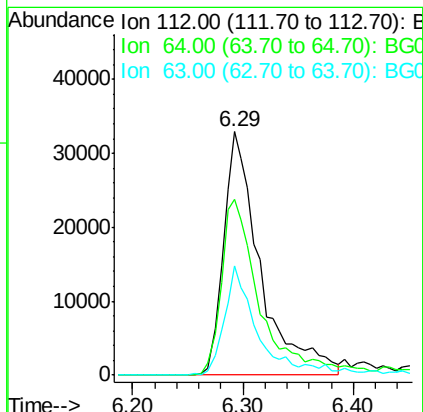
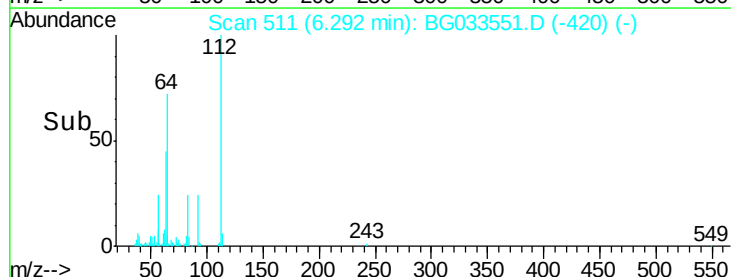
#5

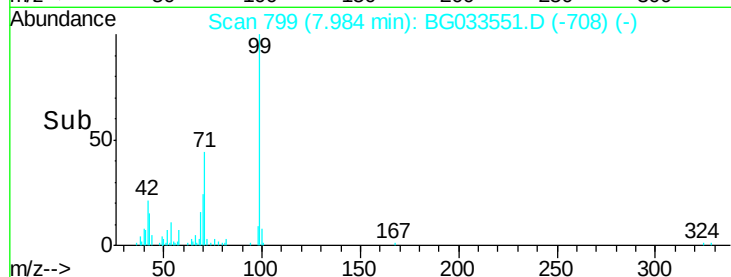
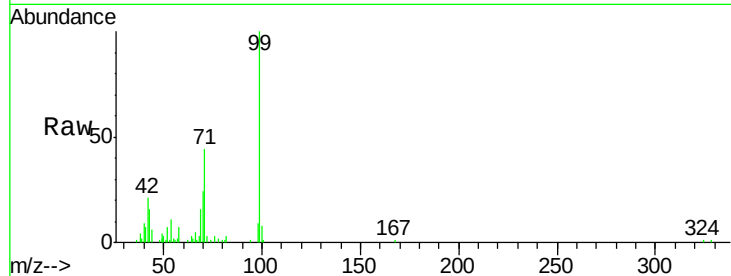
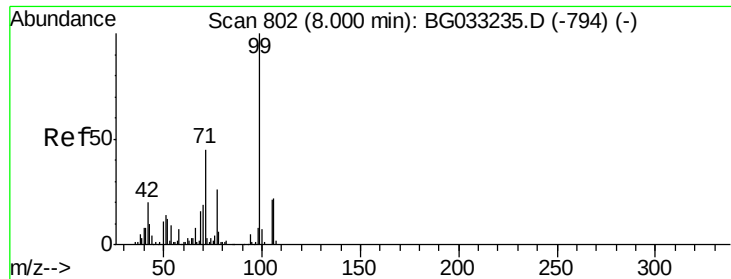
2-Fluorophenol
Concen: 49.522 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	44.9	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: 27.868 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033551.D

Acq: 4 Apr 2018 8:51

Instrument :

BNA_G

ClientSampleId :

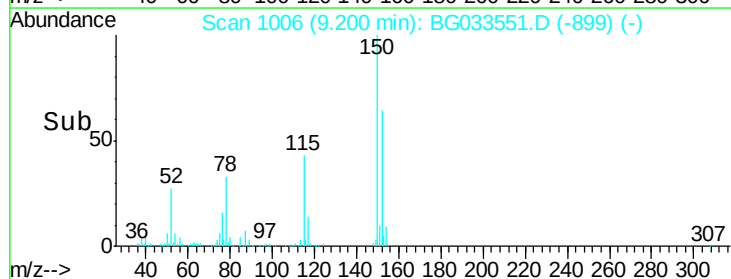
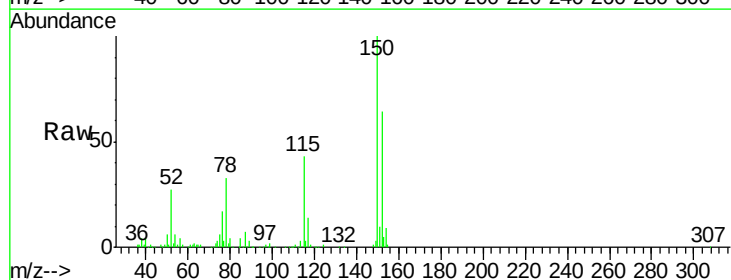
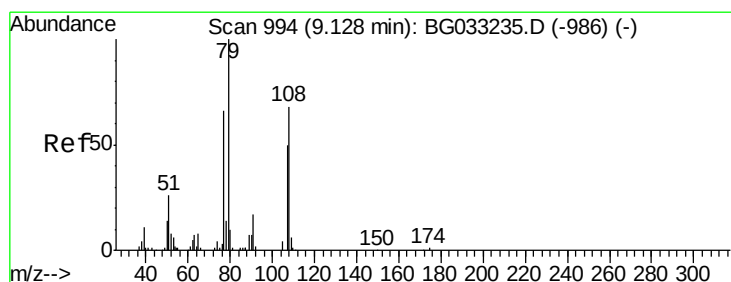
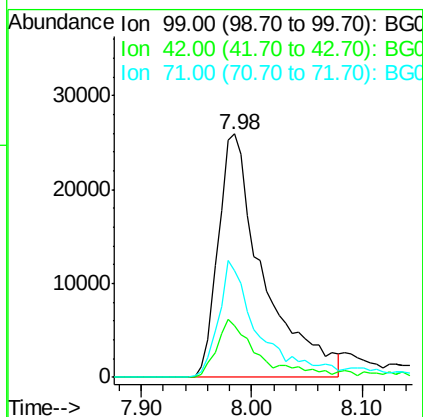
Tot Ion: 99 Resp: 73896

Ion Ratio Lower Upper

99 100

42 21.1 14.1 21.1

71 43.7 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.082 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033551.D

Acq: 4 Apr 2018 8:51

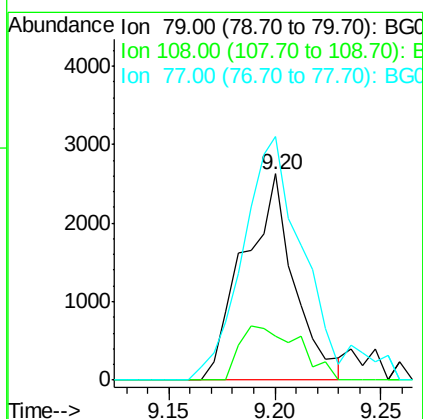
Tgt Ion: 79 Resp: 4346

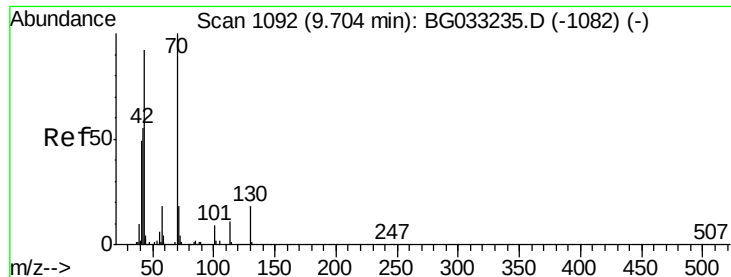
Ion Ratio Lower Upper

79 100

108 21.2 57.2 85.8#

77 118.3 46.1 69.1#

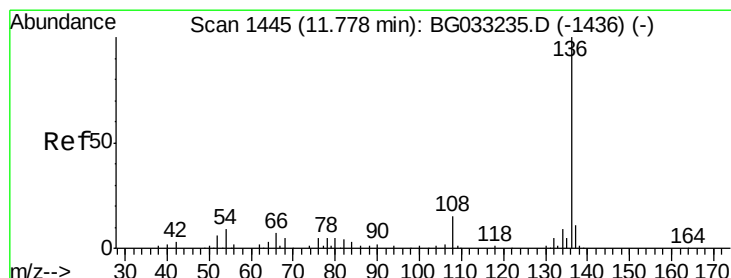
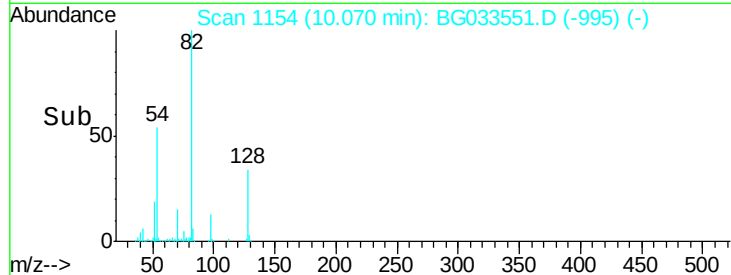
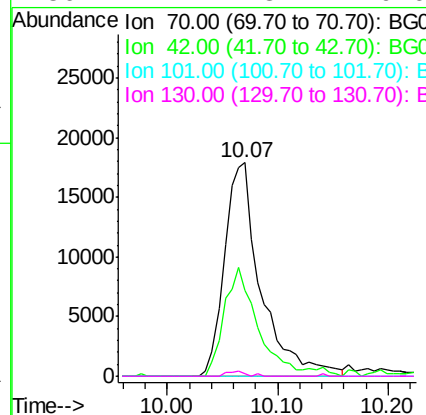
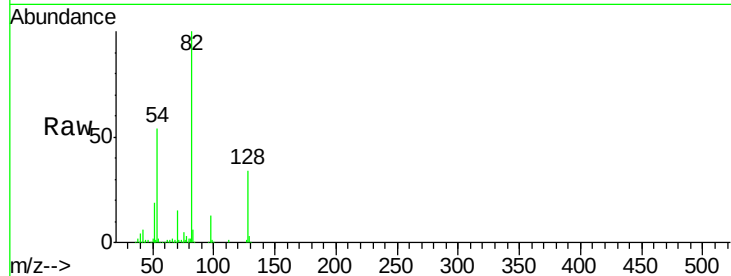




#19
n-Nitroso-di-n-propylamine
Concen: 21.121 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.40 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

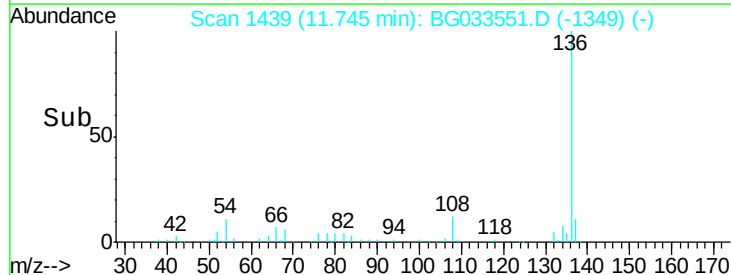
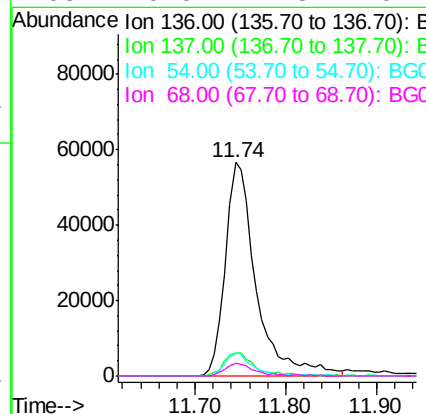
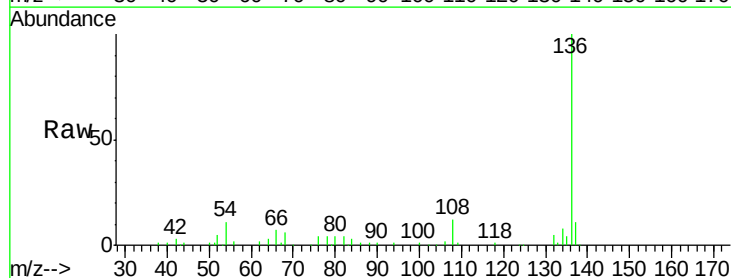
Instrument :
BNA_G
ClientSampled :

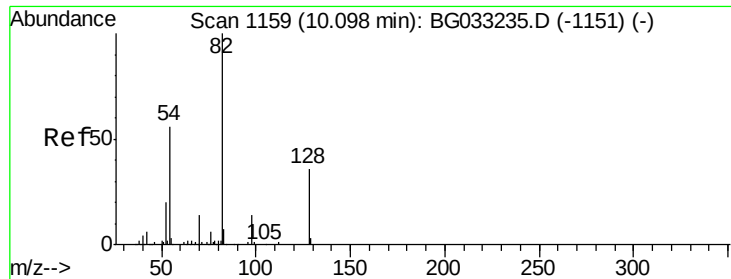
Tot Ion	70	Resp	41038
Ion Ratio	100	Lower	Upper
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Tgt Ion	136	Resp	133573
Ion Ratio	100	Lower	Upper
137	10.8	9.2	13.8
54	10.6	10.3	15.5
68	6.0	4.5	6.7

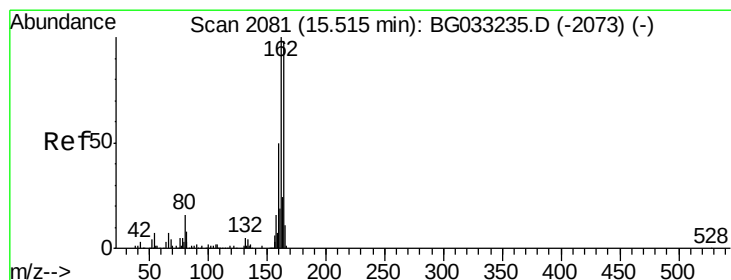
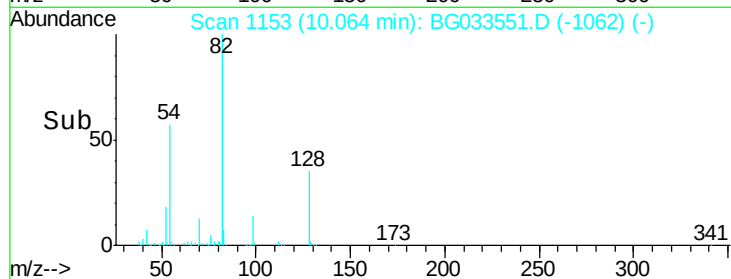
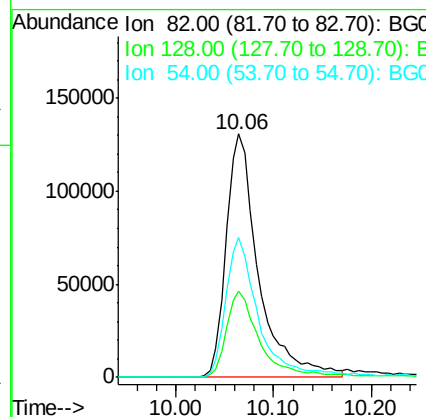
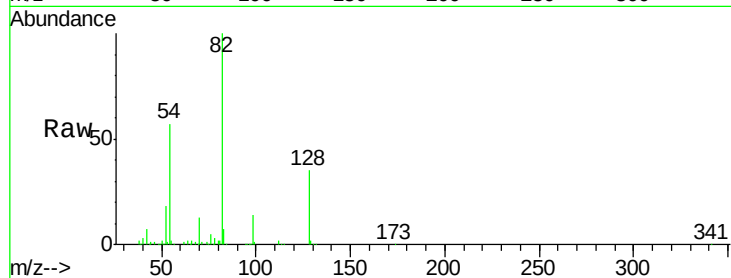




#23
 Nitrobenzene-d5
 Concen: 104.082 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

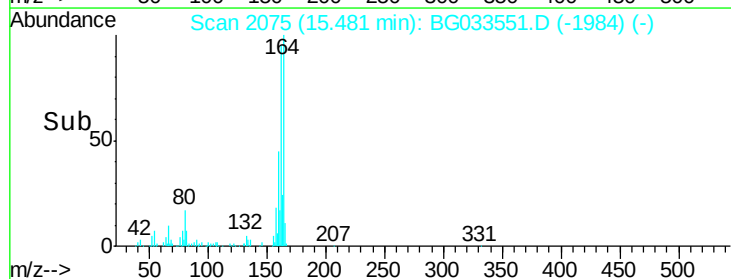
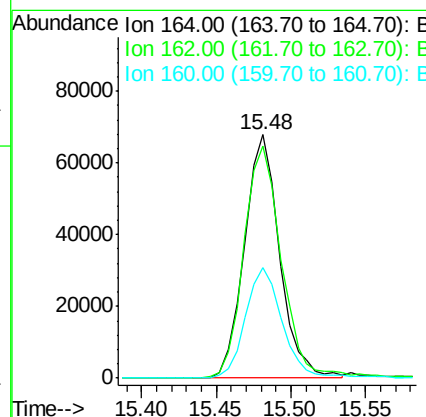
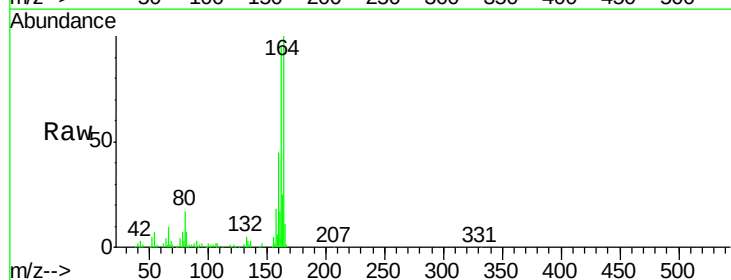
Instrument :
 BNA_G
 ClientSampleId :

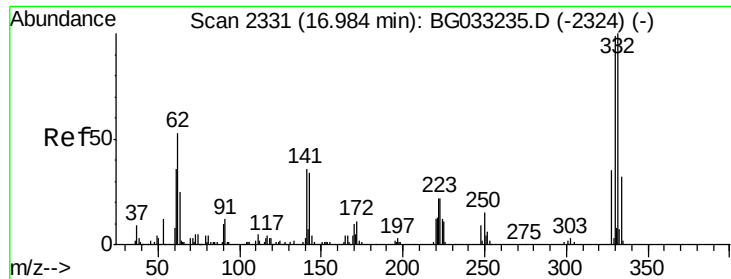
Tot Ion	82	Resp	302596
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	57.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

Tgt Ion	164	Resp	110868
Ion	Ratio	Lower	Upper
164	100		
162	95.1	78.8	118.2
160	45.3	35.4	53.0

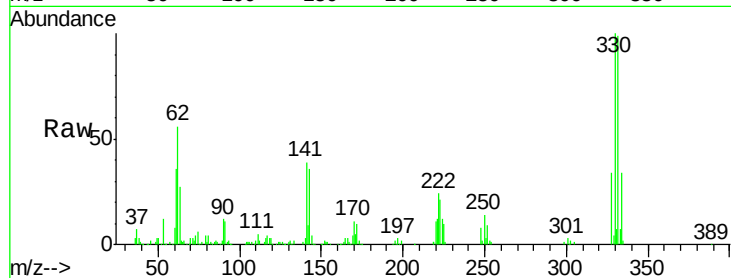




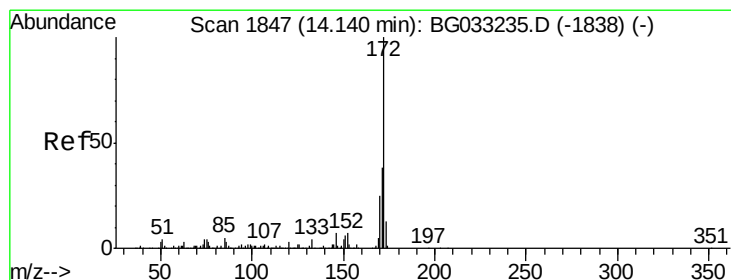
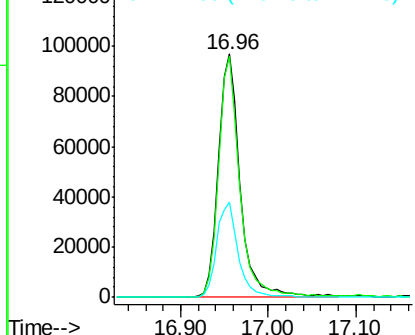
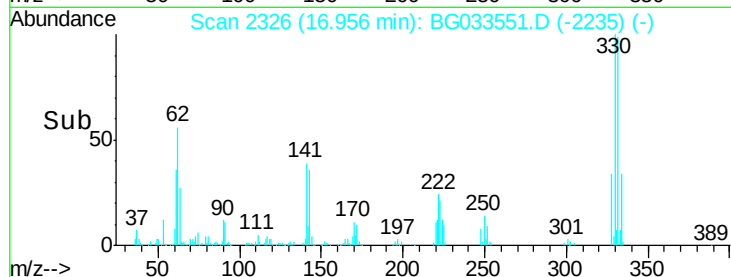
#41
 2,4,6-Tribromophenol
 Concen: 101.169 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.5	25.2	37.8#

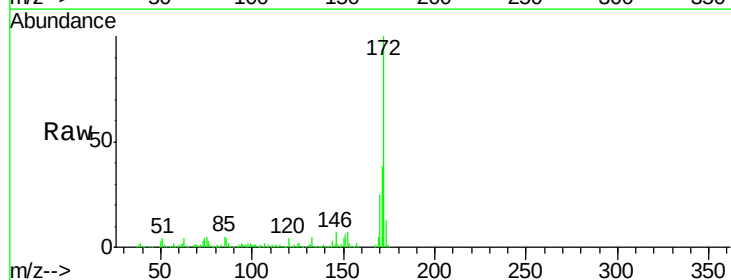


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

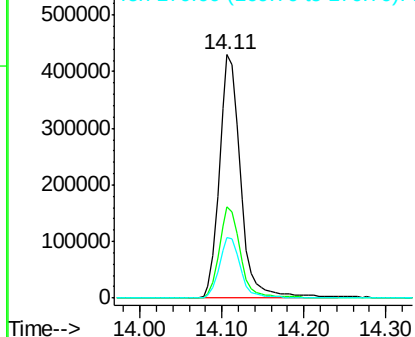
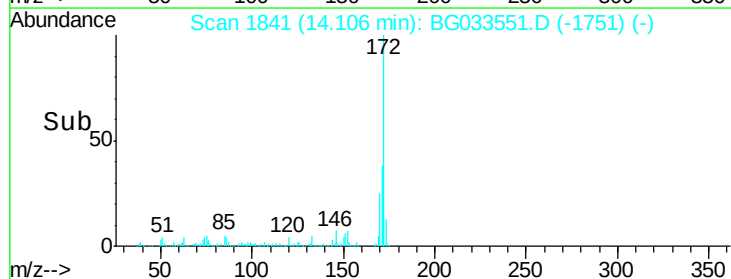


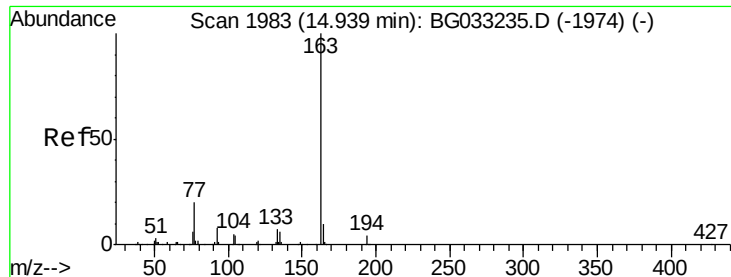
#44
 2-Fluorobiphenyl
 Concen: 101.402 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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





#49

Dimethylphthalate

Concen: 3.474 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033551.D

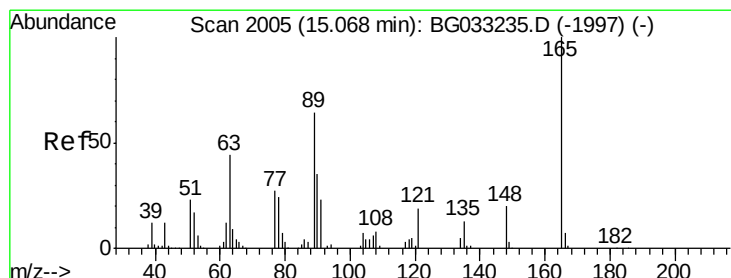
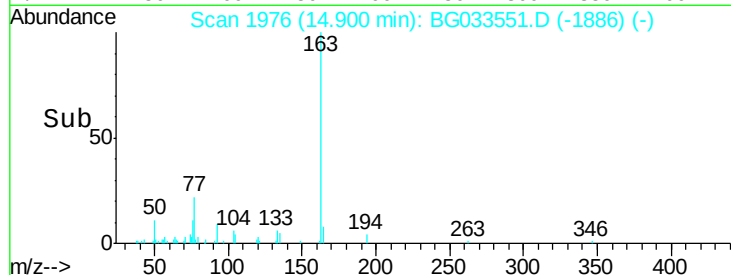
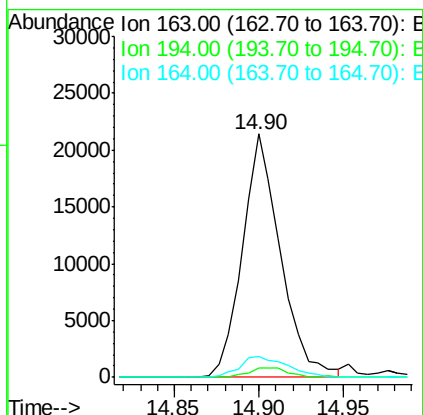
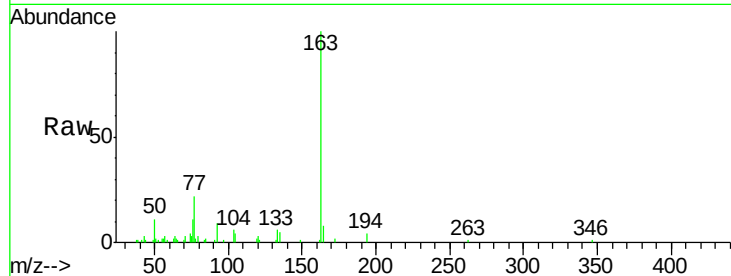
Acq: 4 Apr 2018 8:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:163	Resp:	33515
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.4 5.2
164	8.3	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 7.299 ng

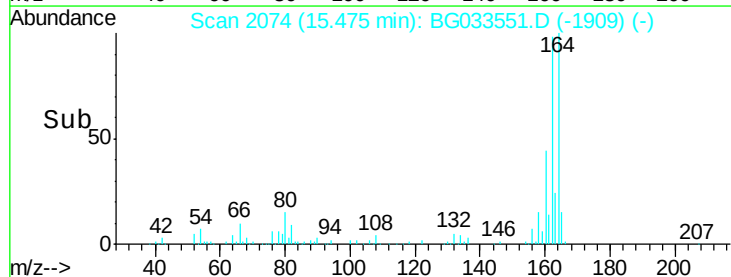
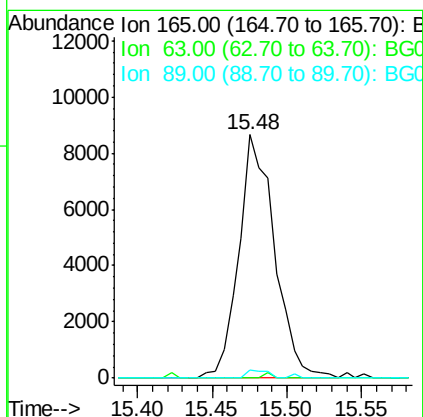
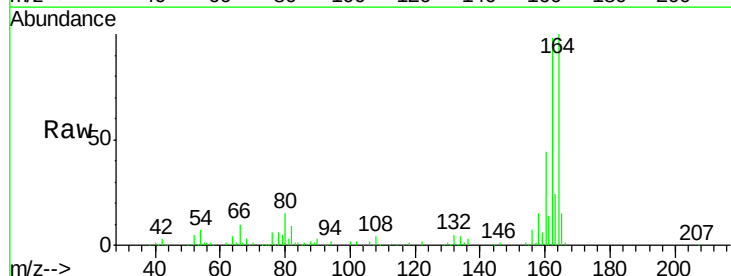
RT: 15.48 min Scan# 2074

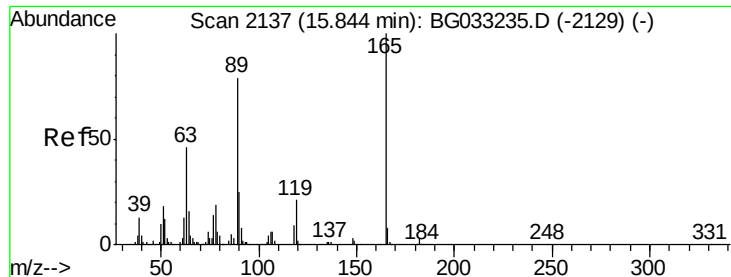
Delta R.T. 0.44 min

Lab File: BG033551.D

Acq: 4 Apr 2018 8:51

Tgt Ion:165	Resp:	14399
Ion Ratio	Lower	Upper
165	100	
63	0.0	52.7 79.1#
89	3.5	49.2 73.8#

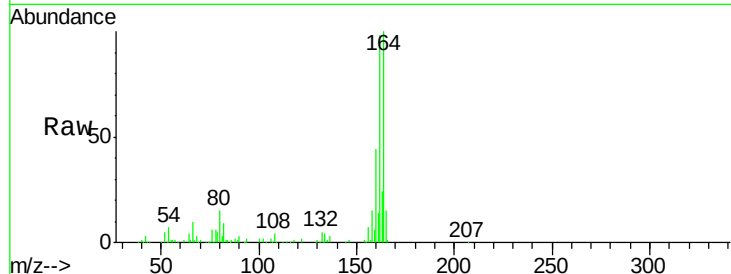




#56
 2,4-Dinitrotoluene
 Concen: 4.957 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

Instrument :
 BNA_G
 ClientSampleId :

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

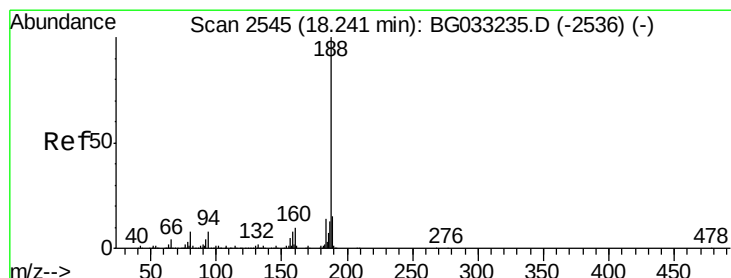
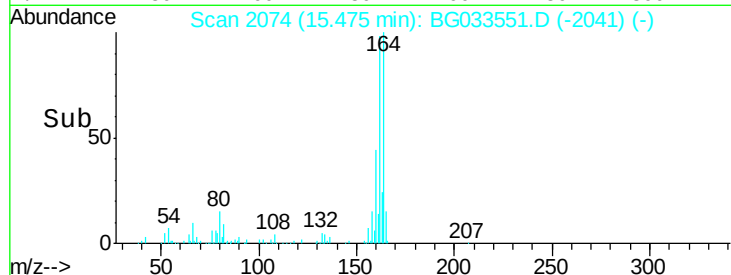
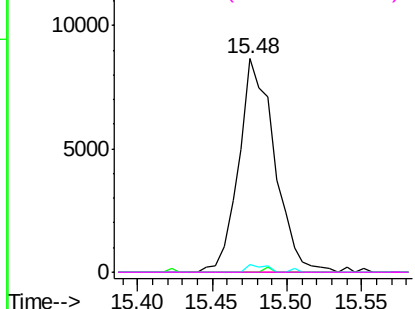


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

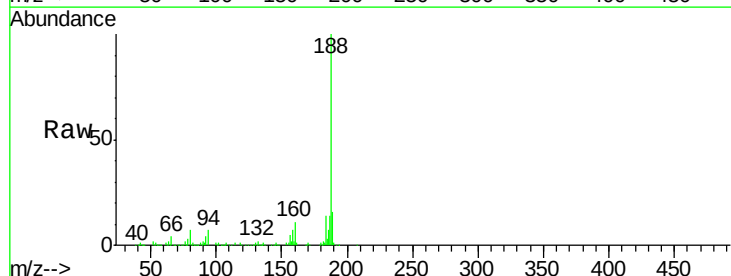
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033551.D
 Acq: 4 Apr 2018 8:51

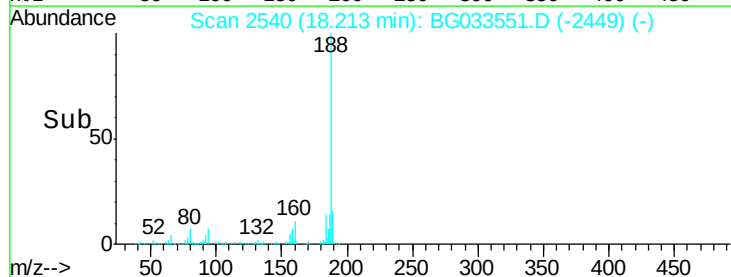
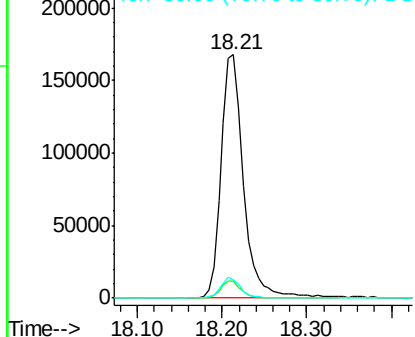
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.5	7.7	11.5#

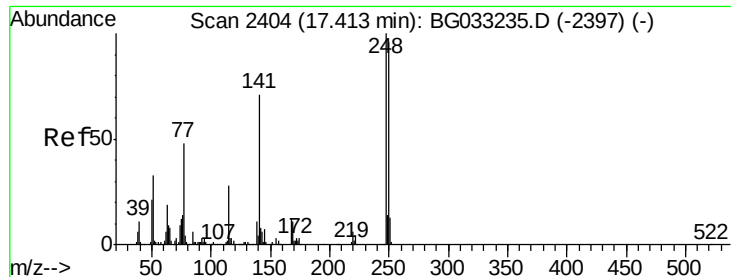


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

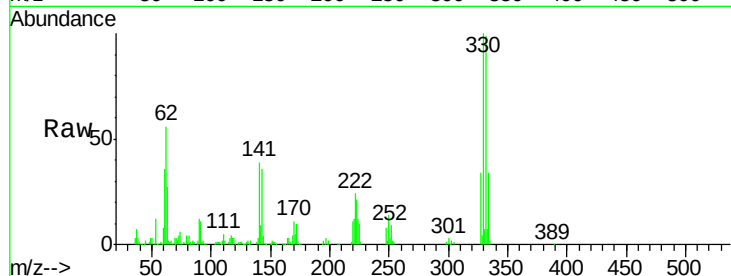




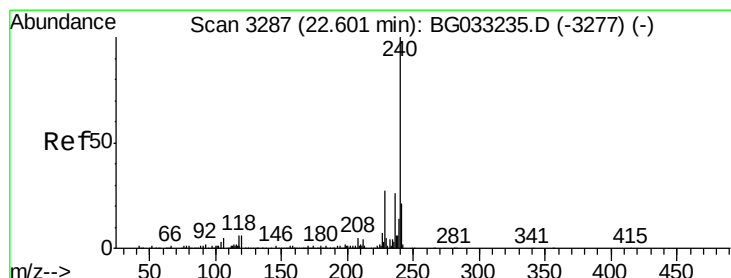
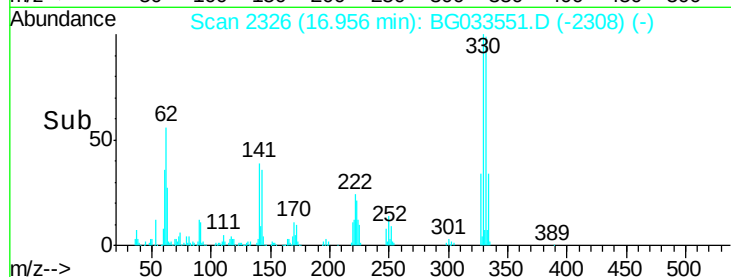
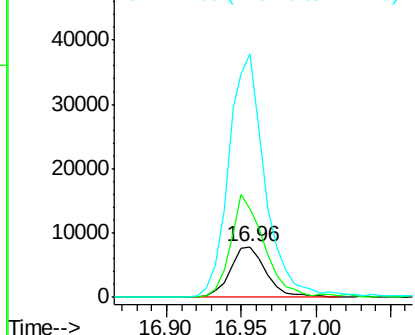
#66
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13204
Ion Ratio Lower Upper
248 100
250 134.3 77.1 115.7#
141 369.8 50.8 76.2#

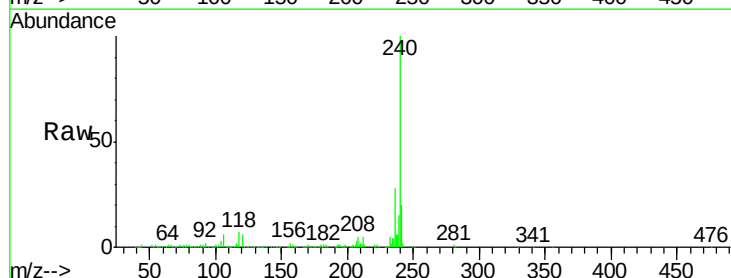


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

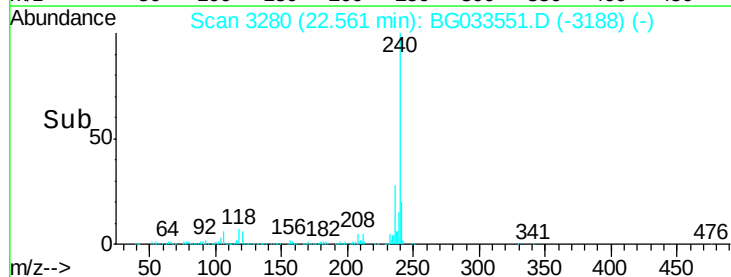
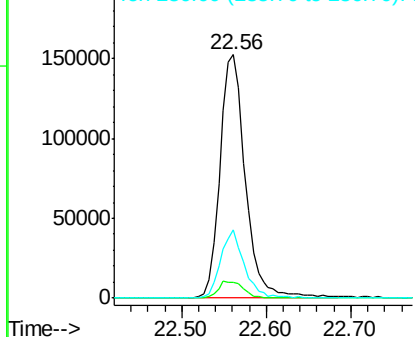


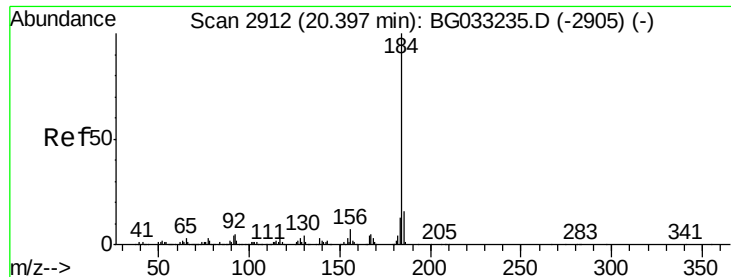
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Tgt Ion:240 Resp: 317626
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 28.2 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: 2.811 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033551.D

Acq: 4 Apr 2018 8:51

Instrument :

BNA_G

ClientSampled :

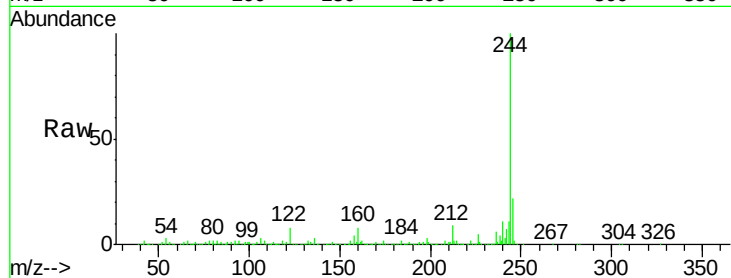
Tot Ion:184 Resp: 24210

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

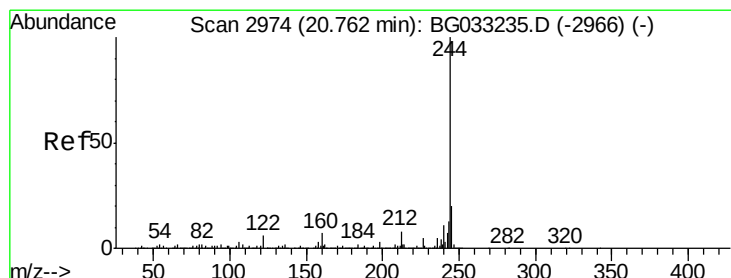
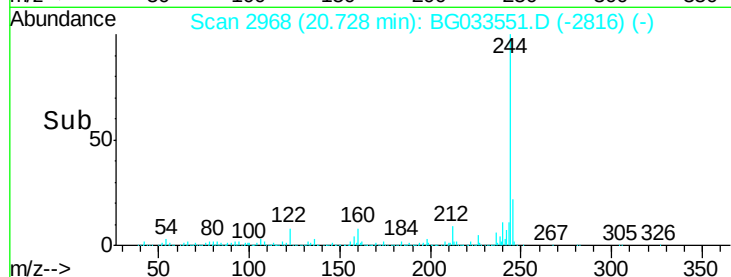
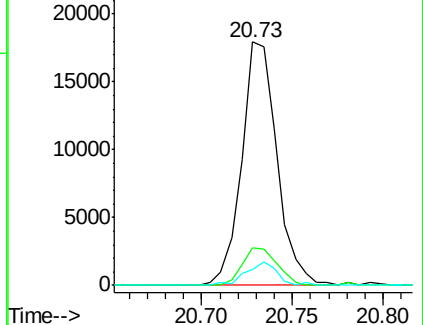
183 6.3 10.6 16.0#



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: 95.575 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033551.D

Acq: 4 Apr 2018 8:51

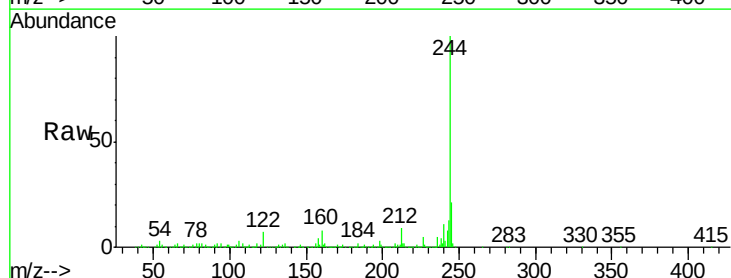
Tgt Ion:244 Resp: 1419485

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

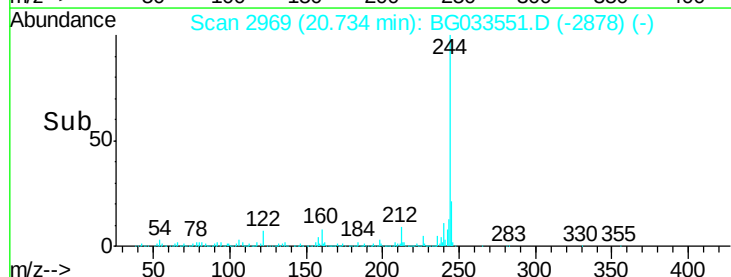
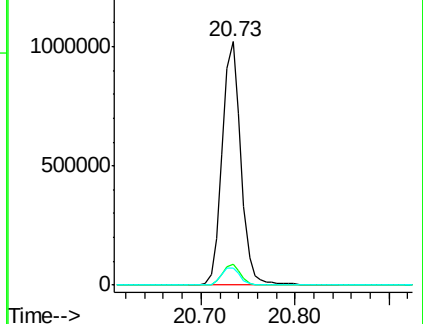
122 7.1 7.0 10.4

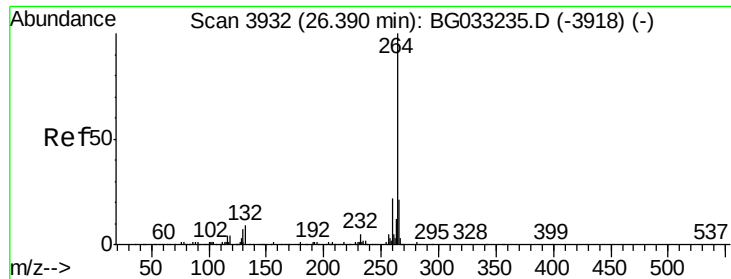


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033551.D
Acq: 4 Apr 2018 8:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	23.1	17.7	26.5

