

Data Path : U:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033474.D
 Acq On : 31 Mar 2018 8:44
 Operator : SJ/JU
 Sample : J2142-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 01:42:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

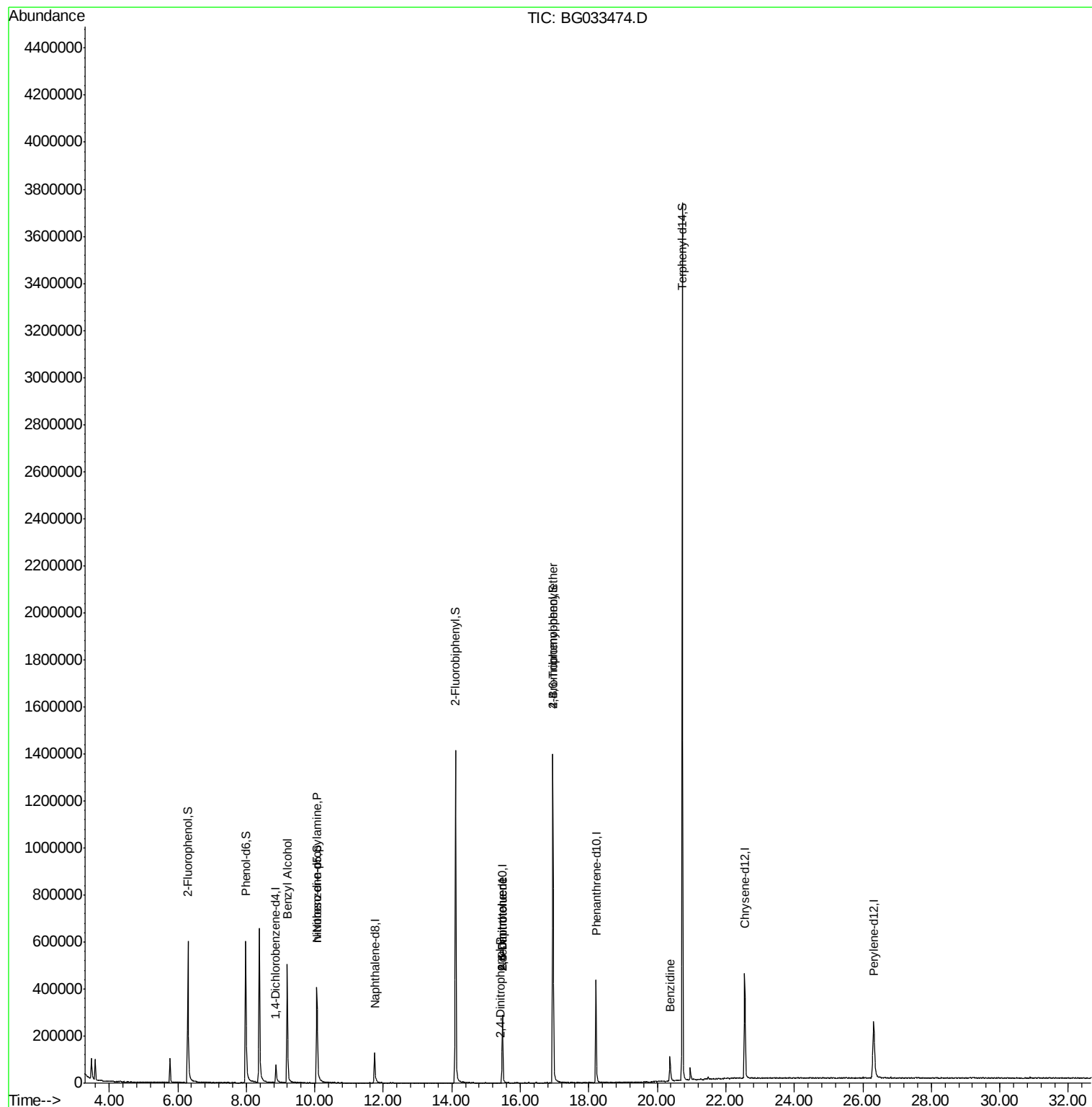
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29408	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	130128	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	313833	20.00	ng	0.00
75) Chrysene-d12	22.55	240	336585	20.00	ng	0.00
86) Perylene-d12	26.32	264	355548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	296360	188.97	ng	0.00
7) Phenol-d6	7.98	99	426548	158.29	ng	0.00
23) Nitrobenzene-d5	10.06	82	330420	116.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	286838	177.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	821869	109.93	ng	0.00
78) Terphenyl-d14	20.73	244	1762370	111.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5551	2.616	ng	# 41
19) n-Nitroso-di-n-propylamine	10.06	70	43885	22.225	ng	# 85
50) 2,6-Dinitrotoluene	15.48	165	13867	7.220	ng	# 20
53) 2,4-Dinitrophenol	15.43	184	98	7.732	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13867	4.904	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20796	5.642	ng	# 1
76) Benizidine	20.37	184	83232	9.119	ng	96

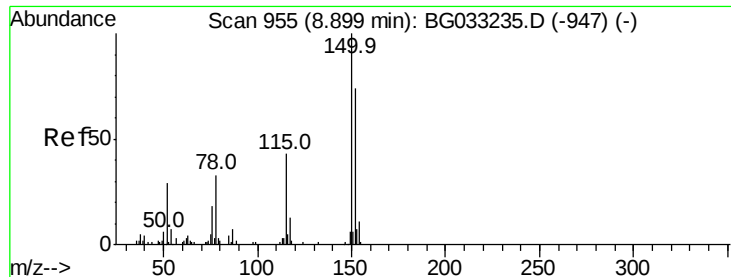
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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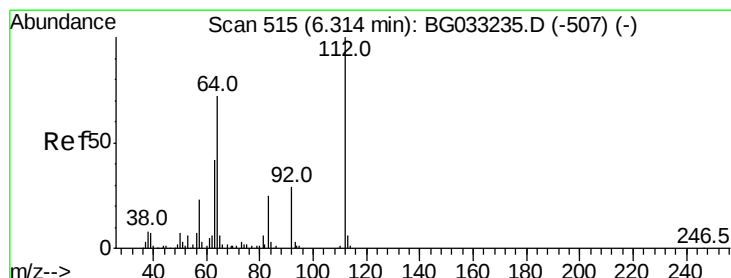
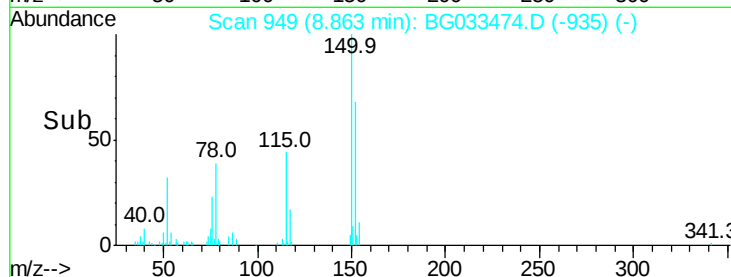
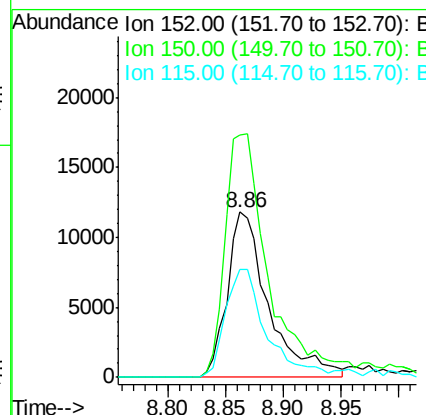
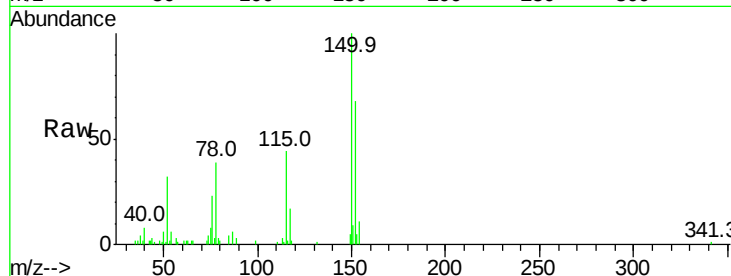


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Instrument :
BNA_G
ClientSampleId :

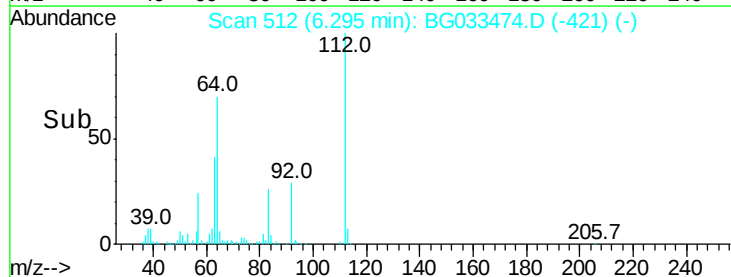
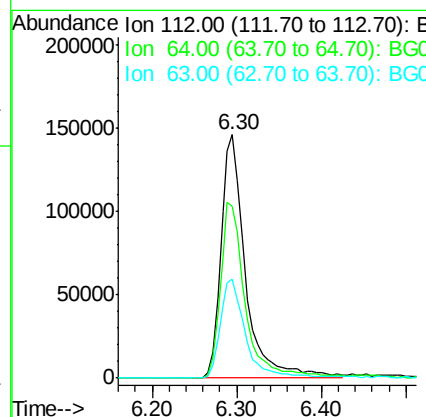
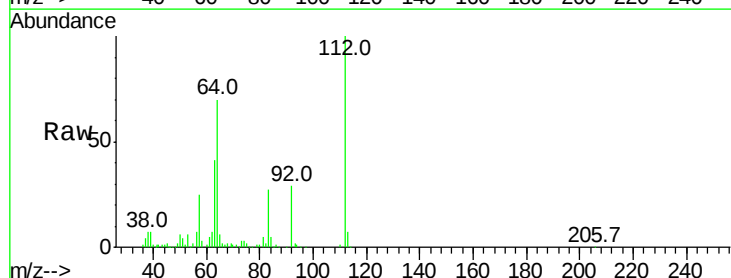
Tot Ion:152 Resp: 29408
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 65.1 53.0 79.4

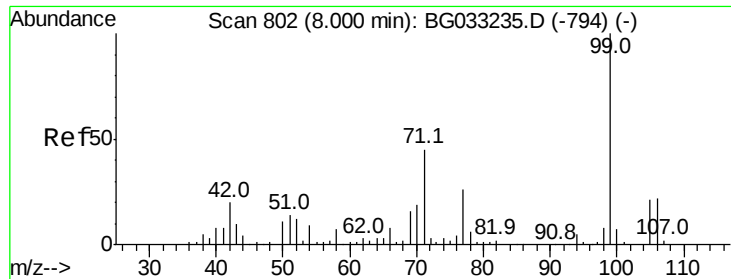


#5

2-Fluorophenol
Concen: 188.966 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion:112 Resp: 296360
Ion Ratio Lower Upper
112 100
64 70.5 56.3 84.5
63 40.5 30.1 45.1





#7

Phenol-d6

Concen: 158.291 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampled :

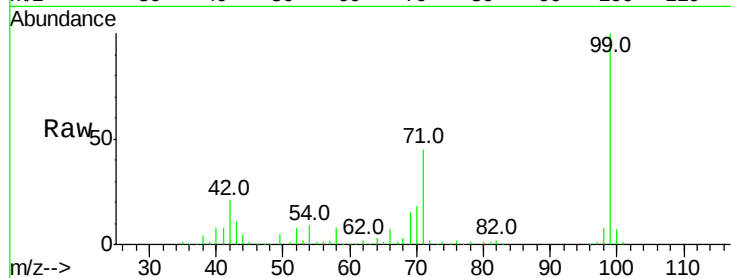
Tot Ion: 99 Resp: 426548

Ion Ratio Lower Upper

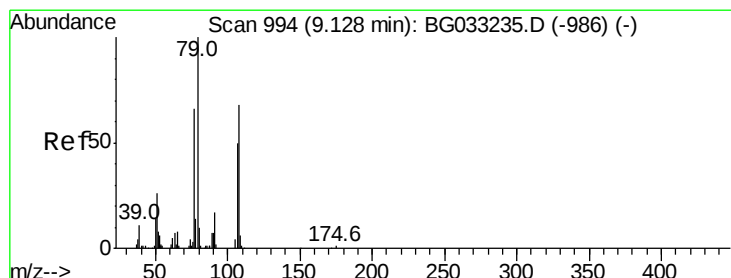
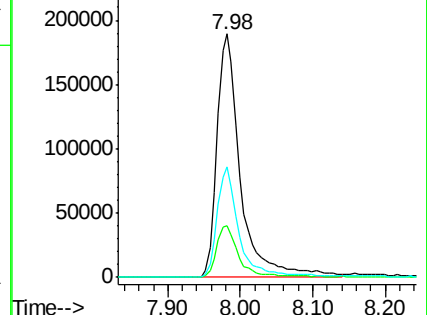
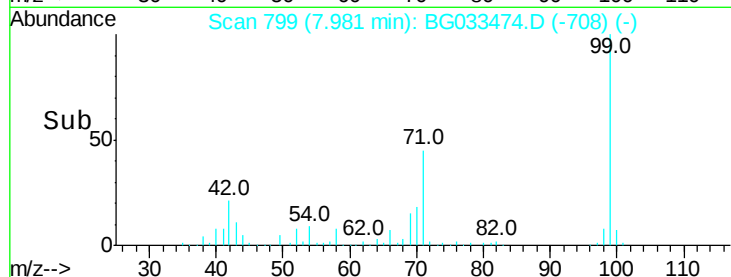
99 100

42 21.4 14.1 21.1#

71 45.2 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: 2.616 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.10 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

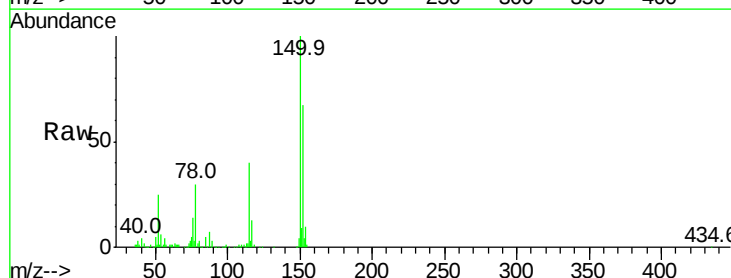
Tgt Ion: 79 Resp: 5551

Ion Ratio Lower Upper

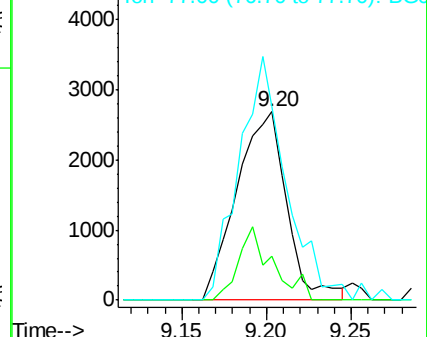
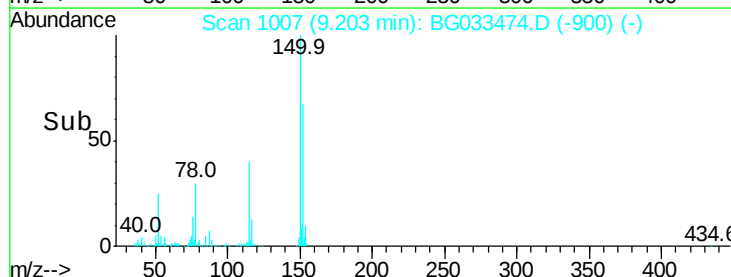
79 100

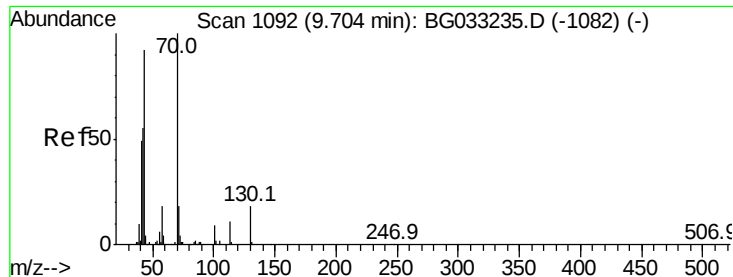
108 23.6 57.2 85.8#

77 102.9 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

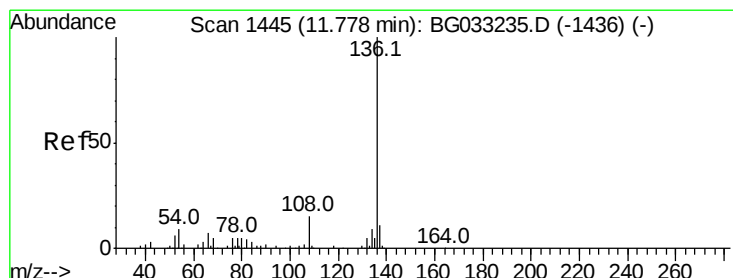
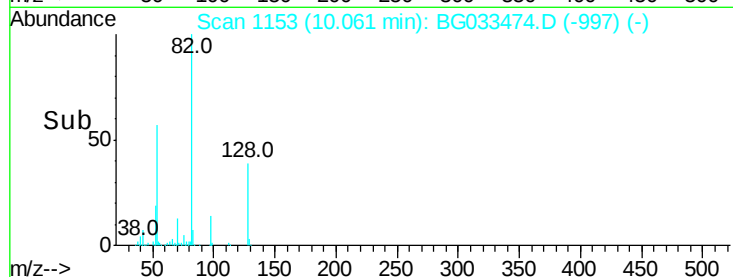
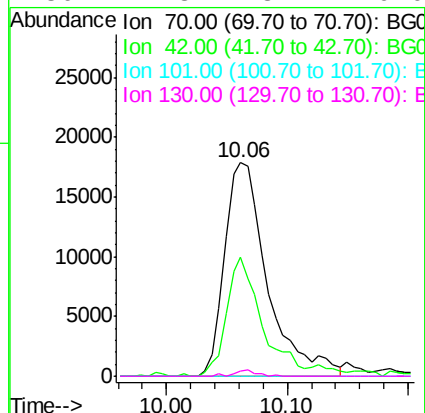
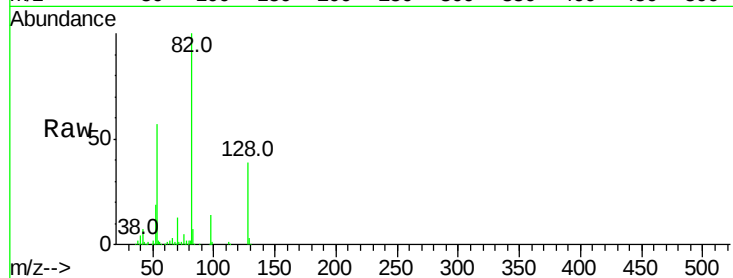




#19
n-Nitroso-di-n-propylamine
Concen: 22.225 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

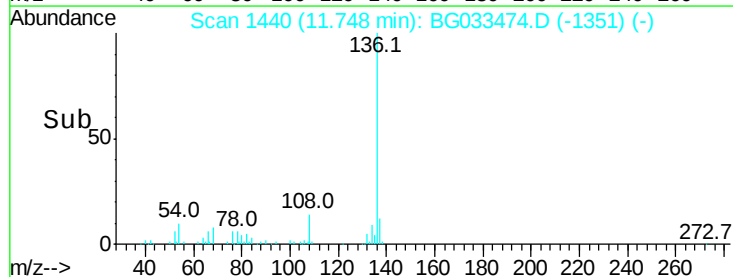
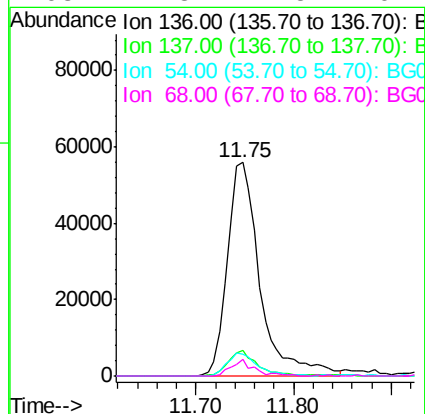
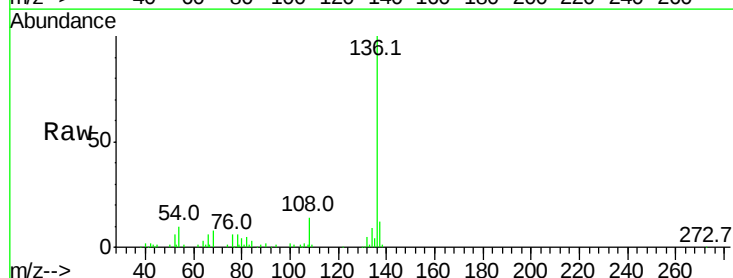
Instrument :
BNA_G
ClientSampled :

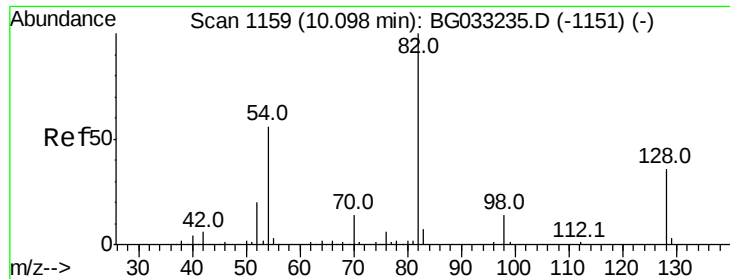
Tot Ion: 70 Resp: 43885
Ion Ratio Lower Upper
70 100
42 55.8 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion: 136 Resp: 130128
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 10.0 10.3 15.5#
68 7.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 116.661 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampleId :

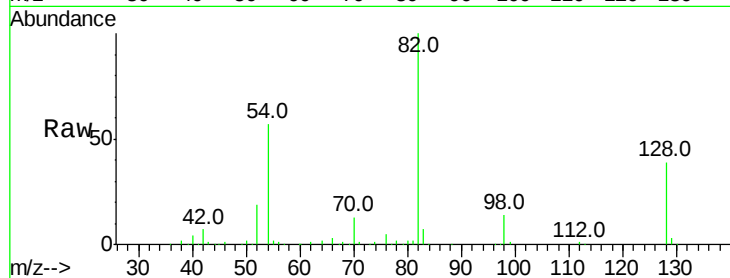
Tot Ion: 82 Resp: 330420

Ion Ratio Lower Upper

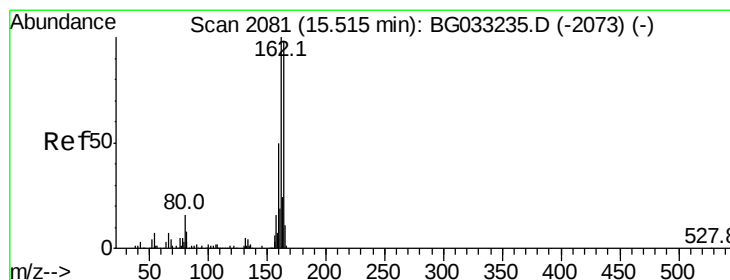
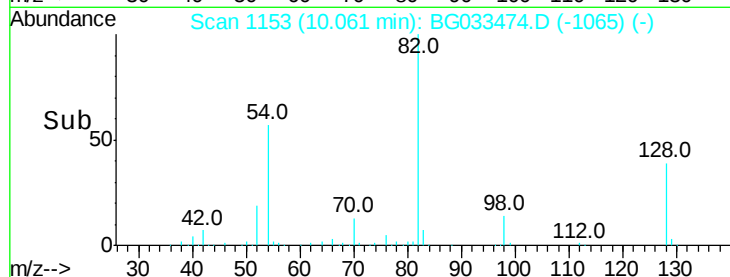
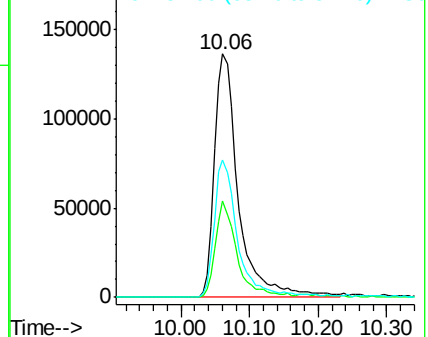
82 100

128 39.4 29.7 44.5

54 56.7 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

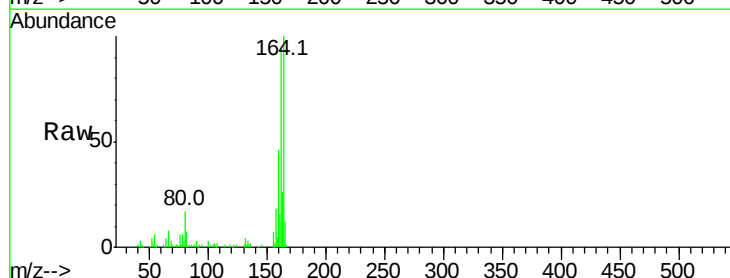
Tgt Ion: 164 Resp: 107931

Ion Ratio Lower Upper

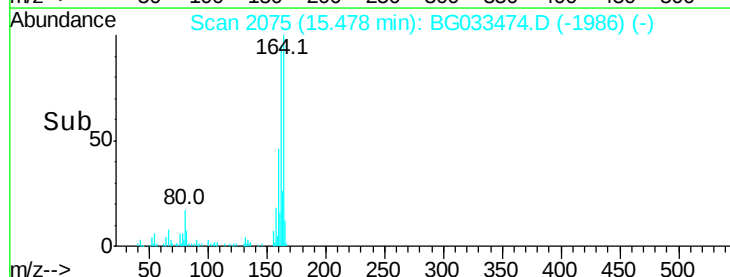
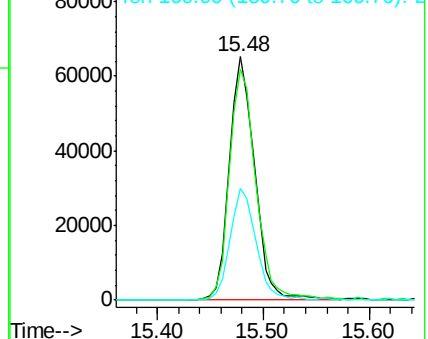
164 100

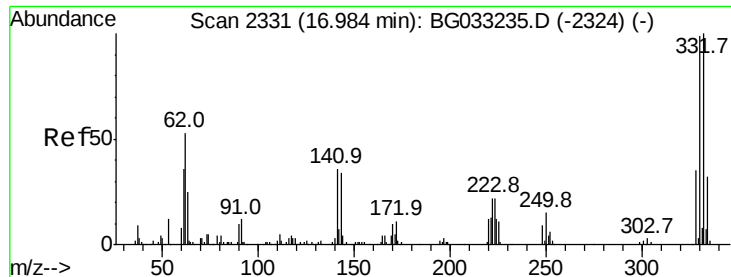
162 94.9 78.8 118.2

160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

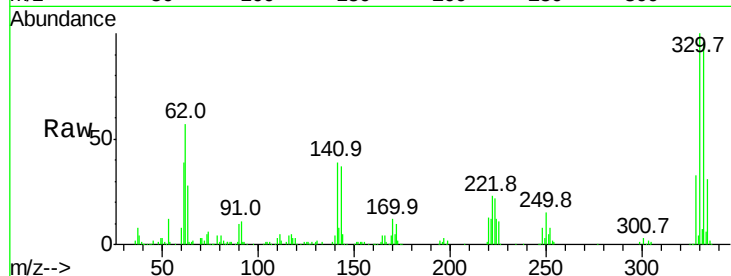




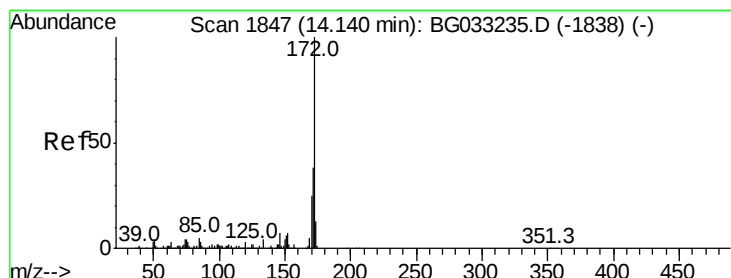
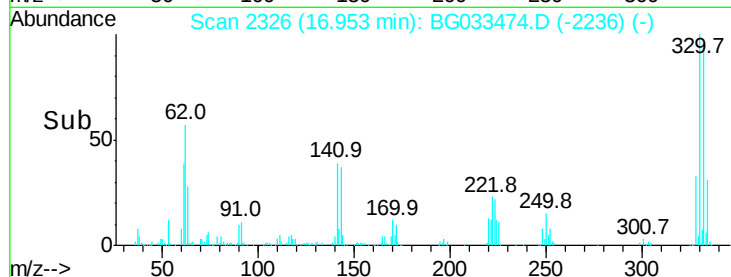
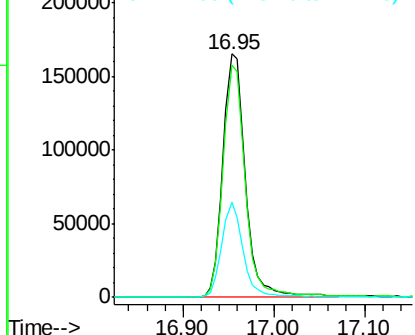
#41
 2,4,6-Tribromophenol
 Concen: 177.693 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033474.D
 Acq: 31 Mar 2018 8:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	37.1	25.2	37.8

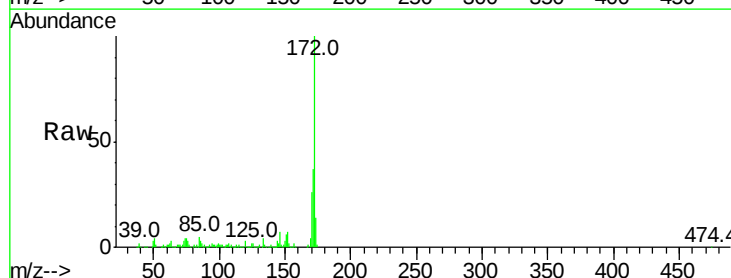


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

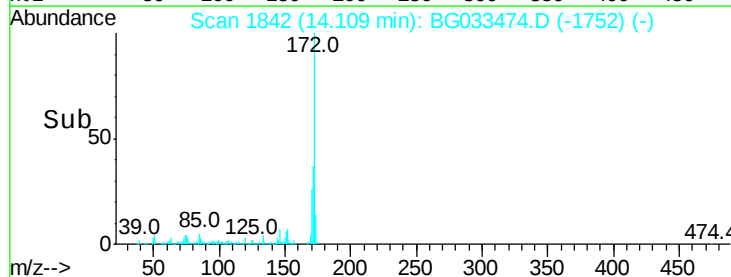
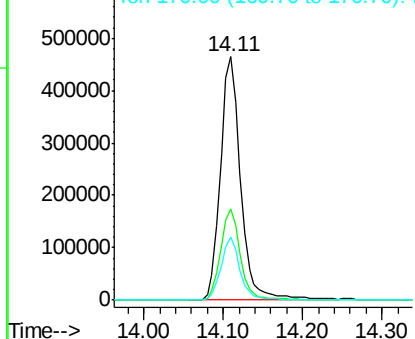


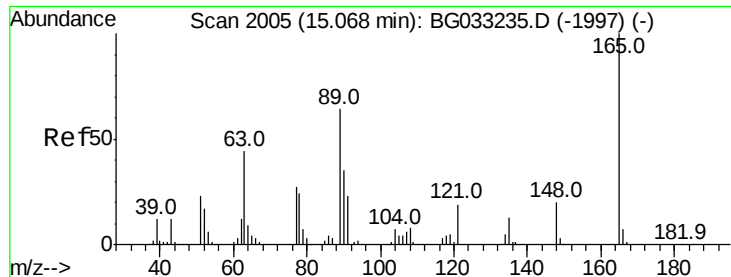
#44
 2-Fluorobiphenyl
 Concen: 109.929 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033474.D
 Acq: 31 Mar 2018 8:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	26.0	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: 7.220 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampled :

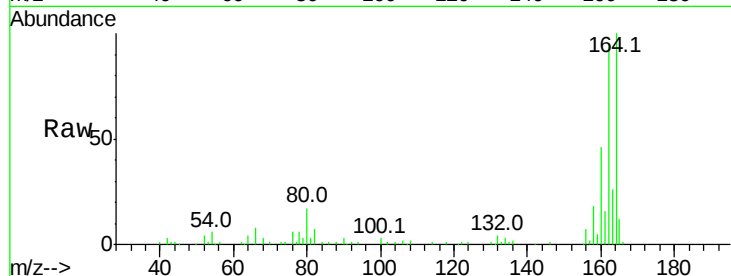
Tot Ion:165 Resp: 13867

Ion Ratio Lower Upper

165 100

63 2.4 52.7 79.1#

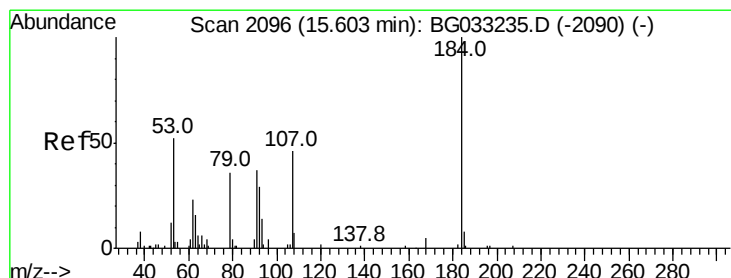
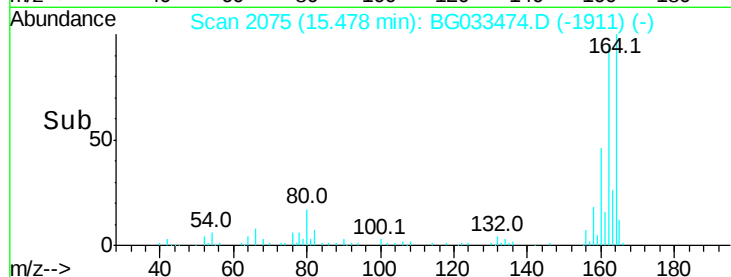
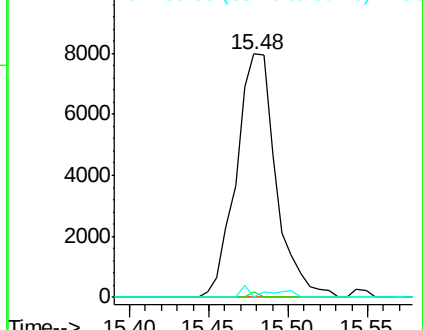
89 0.0 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.732 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.16 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

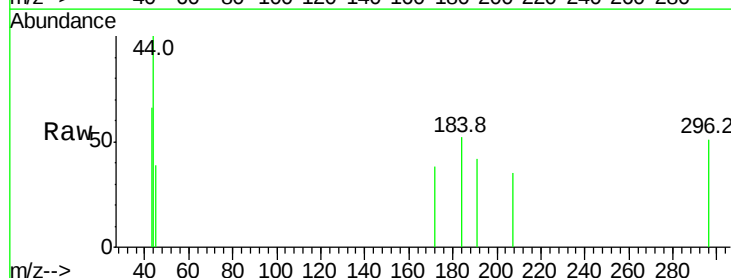
Tgt Ion:184 Resp: 98

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

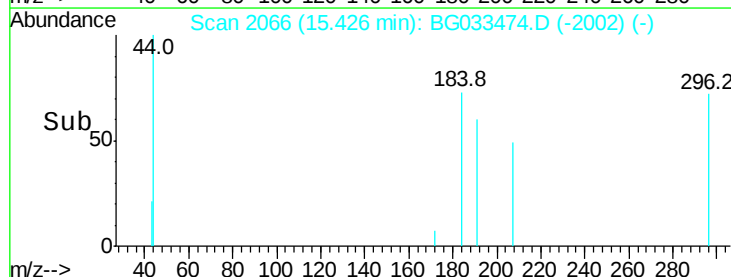
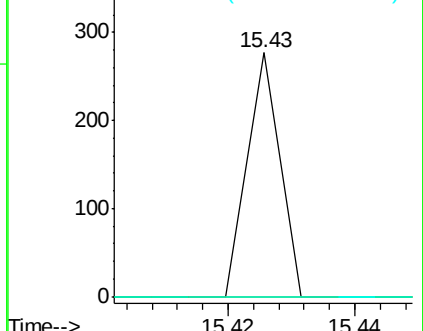
154 0.0 101.8 152.8#



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

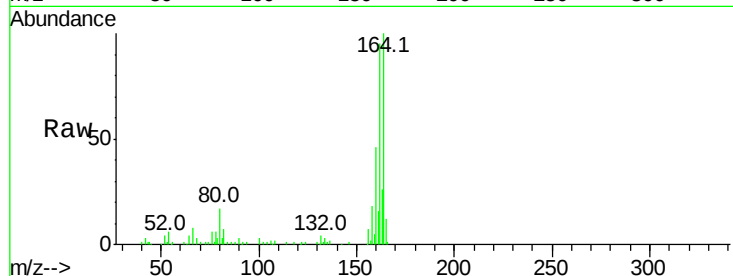




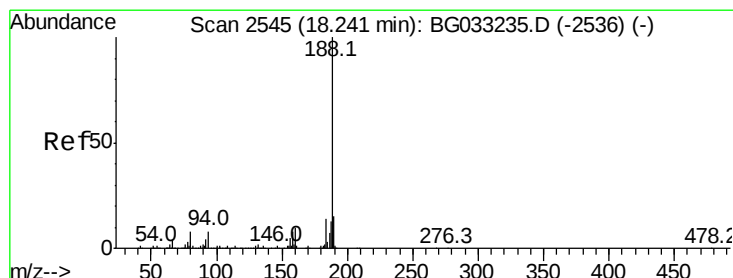
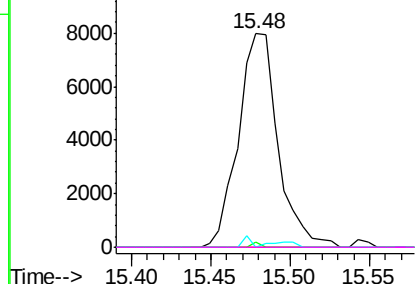
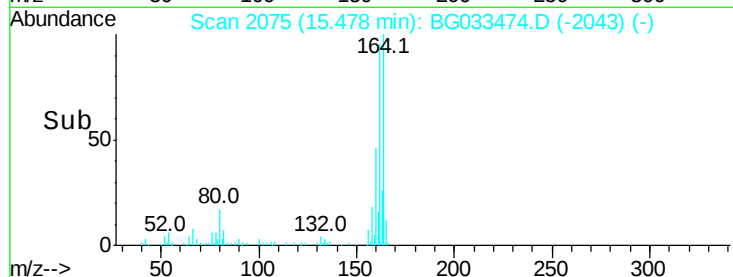
#56
2,4-Dinitrotoluene
Concen: 4.904 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13867
Ion Ratio Lower Upper
165 100
63 2.4 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

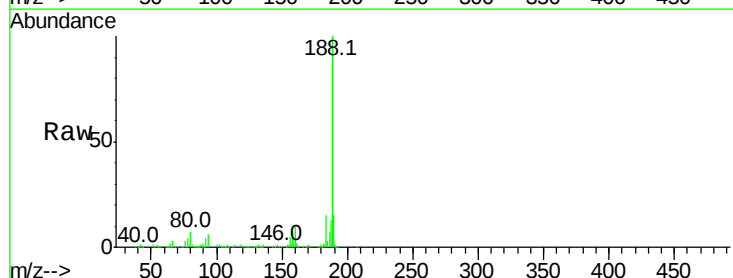


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

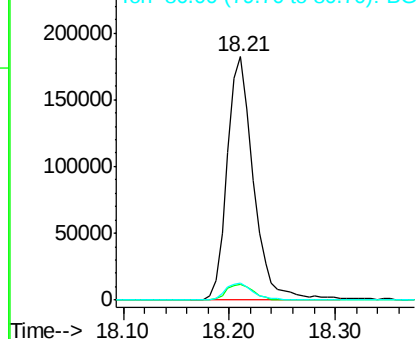
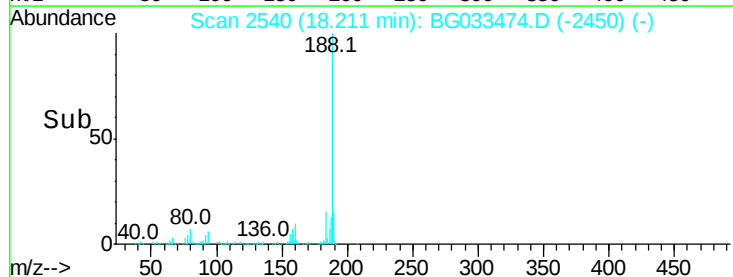


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion:188 Resp: 313833
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.0 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

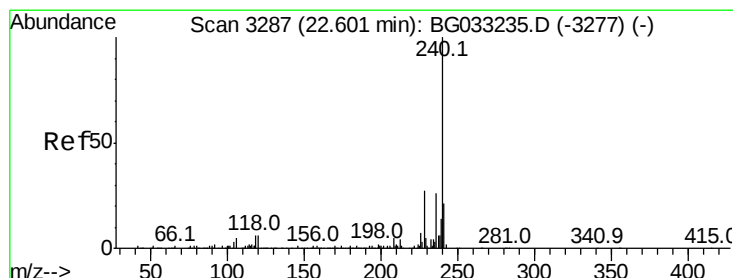
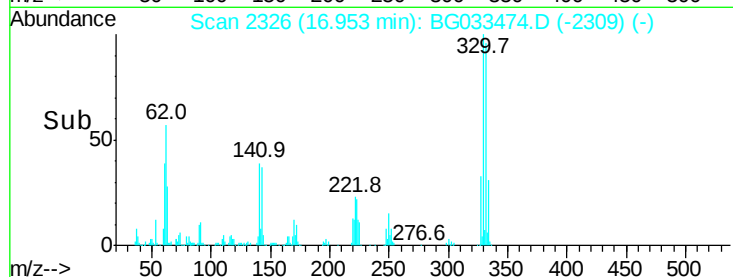
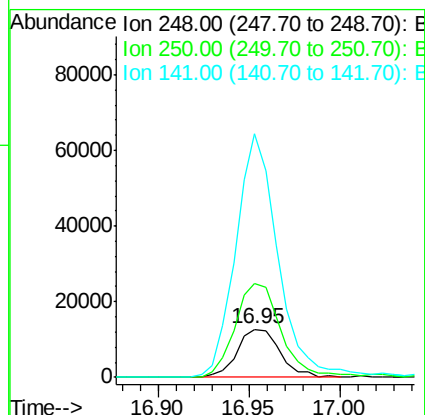
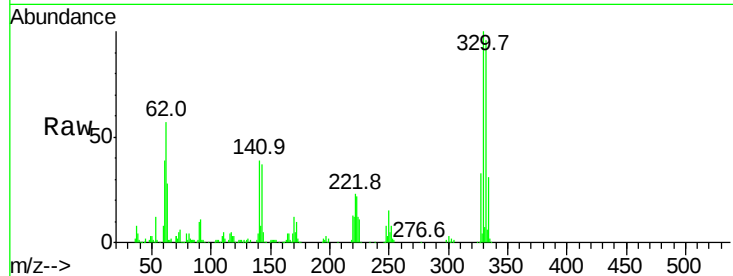




#66
4-Bromophenyl-phenylether
Concen: 5.642 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

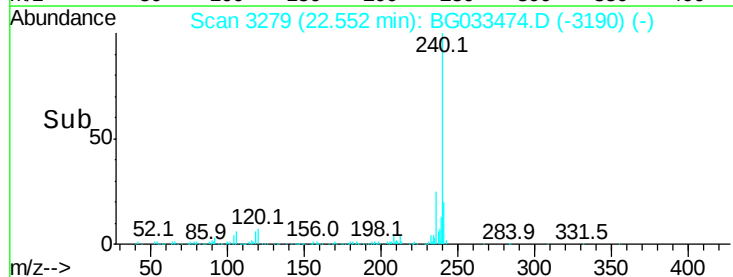
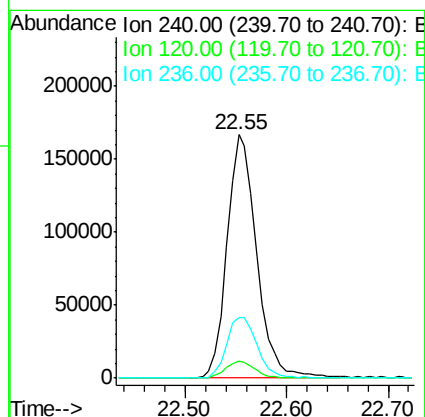
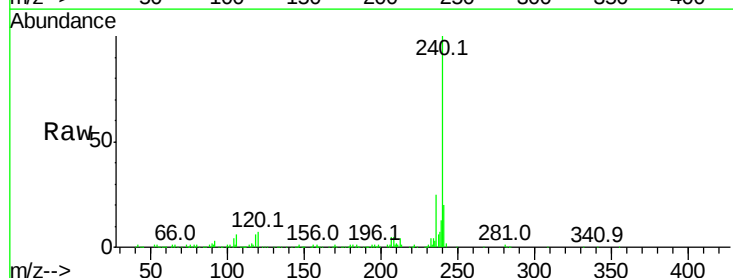
Instrument :
BNA_G
ClientSampleId :

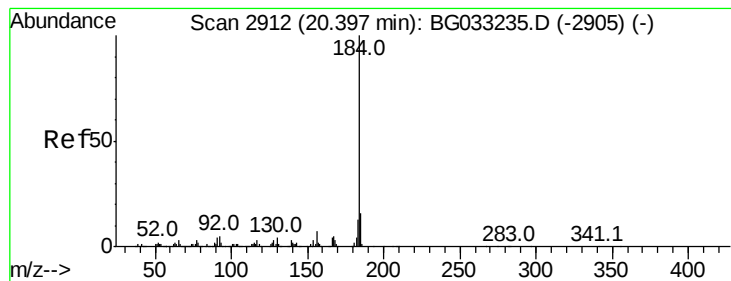
Tot Ion:248 Resp: 20796
Ion Ratio Lower Upper
248 100
250 196.6 77.1 115.7#
141 509.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Tgt Ion:240 Resp: 336585
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 24.6 20.9 31.3





#76

Benzidine

Concen: 9.119 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

Instrument :

BNA_G

ClientSampleId :

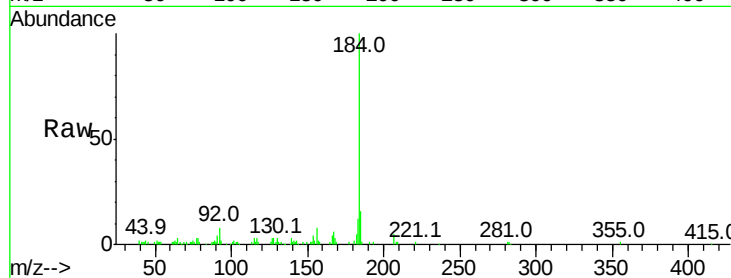
Tot Ion:184 Resp: 83232

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

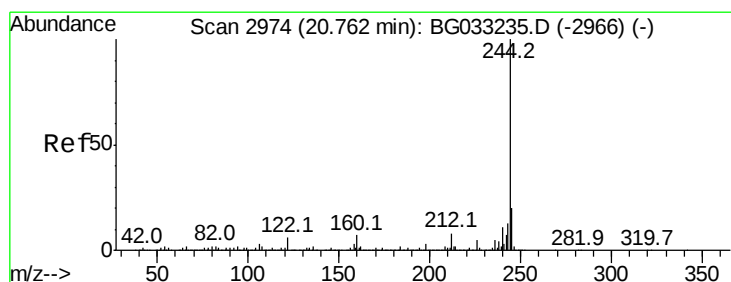
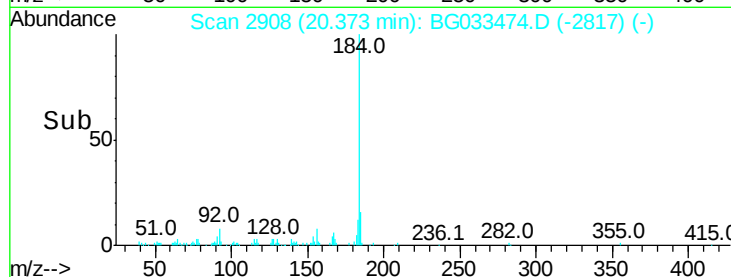
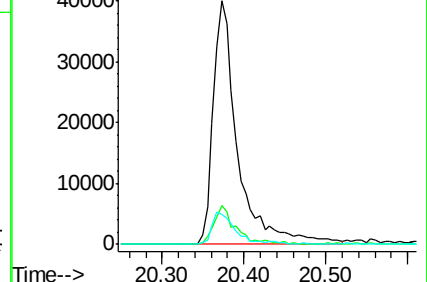
183 12.4 10.6 16.0



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: 111.978 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033474.D

Acq: 31 Mar 2018 8:44

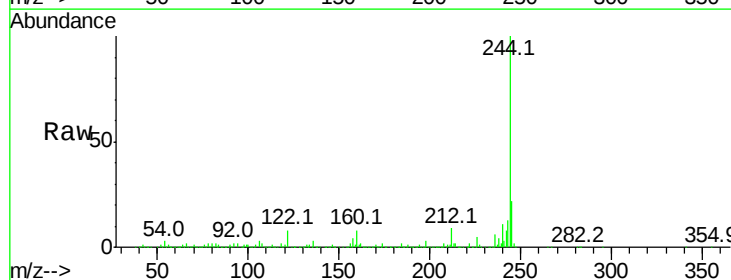
Tgt Ion:244 Resp: 1762370

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

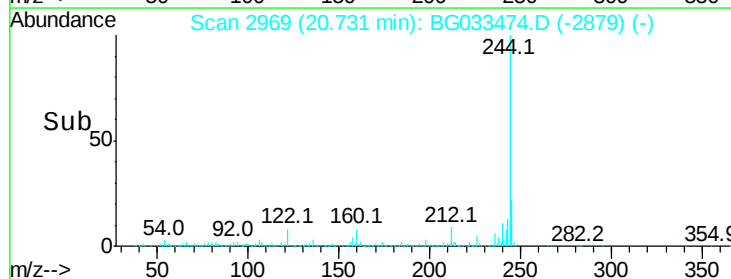
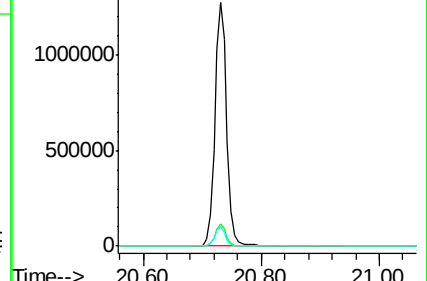
122 7.9 7.0 10.4



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

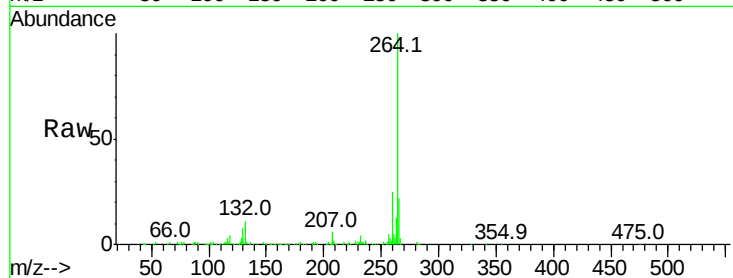




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033474.D
Acq: 31 Mar 2018 8:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.1	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

