

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033813.D
 Acq On : 16 Apr 2018 13:04
 Operator : SJ/JU
 Sample : J2357-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 14:06:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

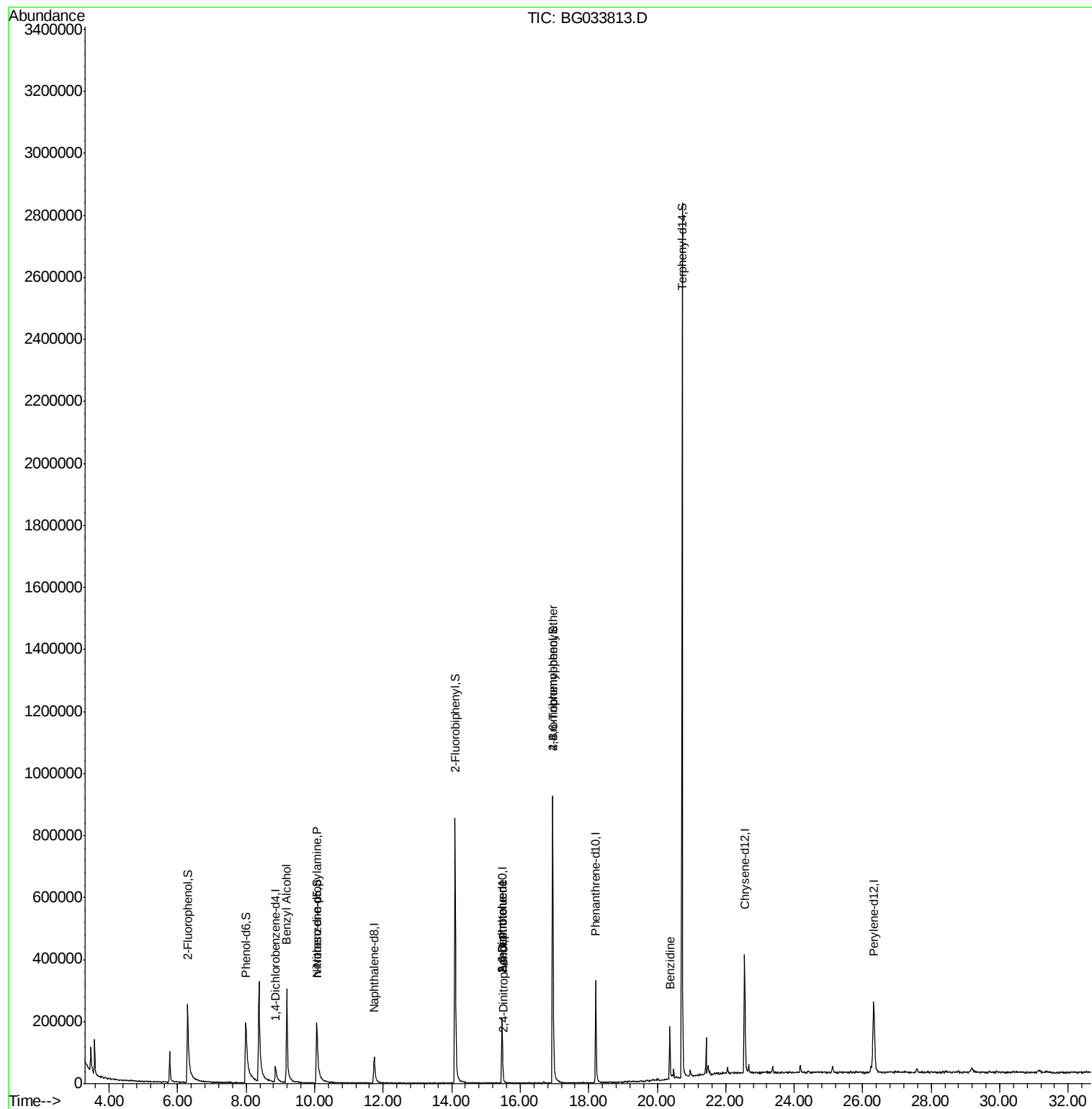
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24676	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	108838	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89125	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	275560	20.00	ng	0.00
75) Chrysene-d12	22.56	240	304896	20.00	ng	0.00
86) Perylene-d12	26.32	264	317983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	193469	147.02	ng	-0.01
7) Phenol-d6	7.99	99	260226	115.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	232471	98.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	214860	161.19	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	593312	96.10	ng	0.00
78) Terphenyl-d14	20.73	244	1480457	103.84	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3958	2.223	ng	# 59
19) n-Nitroso-di-n-propylamine	10.06	70	29342	17.709	ng	# 82
50) 2,6-Dinitrotoluene	15.47	165	10825	6.826	ng	# 18
53) 2,4-Dinitrophenol	15.52	184	54	7.702	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	10825	4.636	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17487	5.404	ng	# 1
76) Benizidine	20.38	184	29431	3.559	ng	# 95

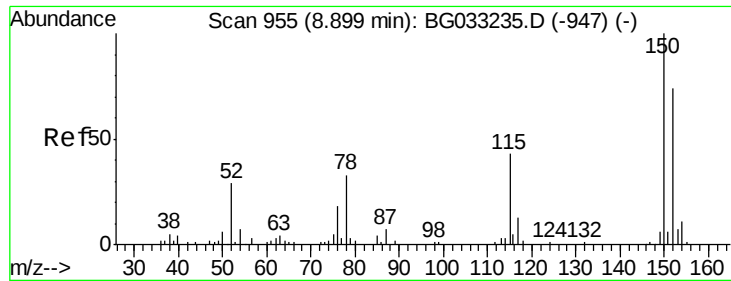
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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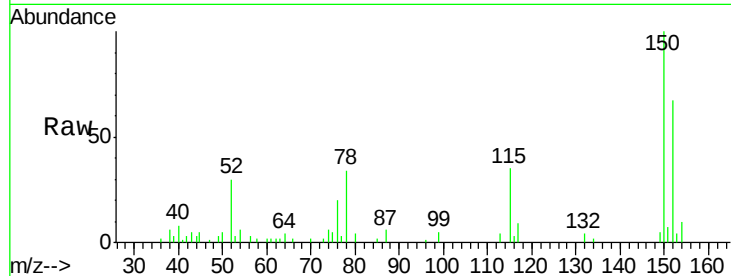


#1

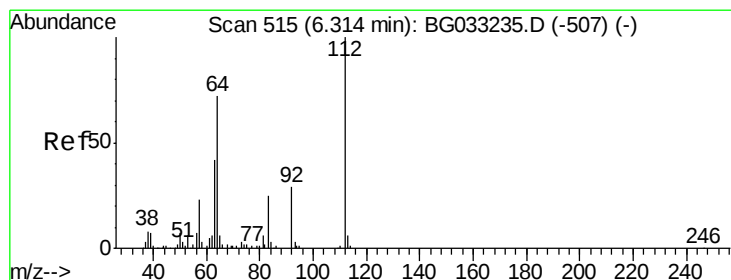
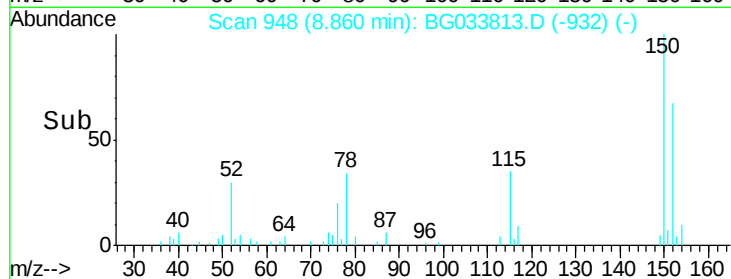
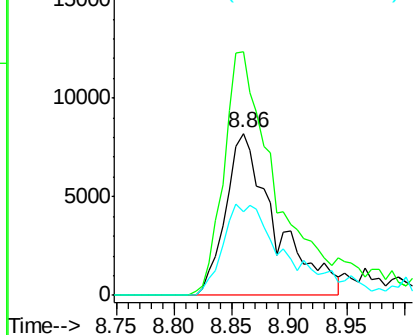
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24676
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 51.9 53.0 79.4#



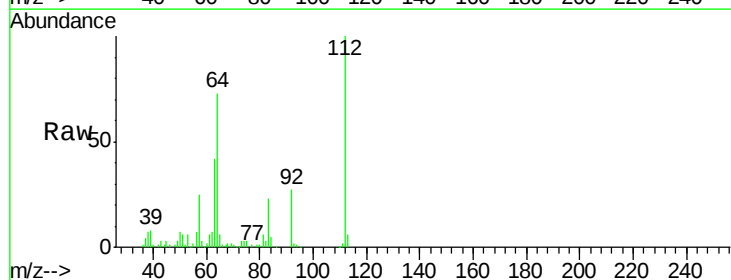
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



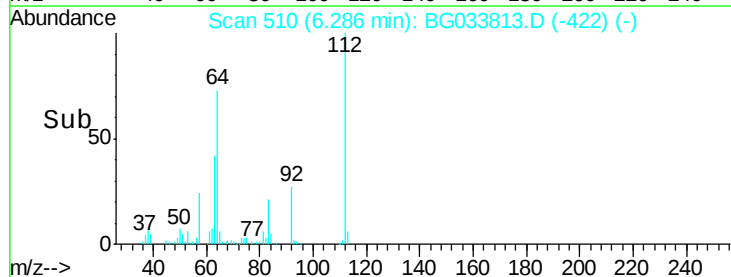
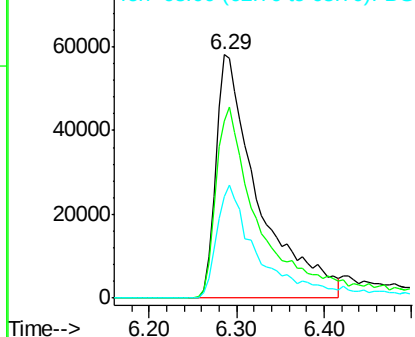
#5

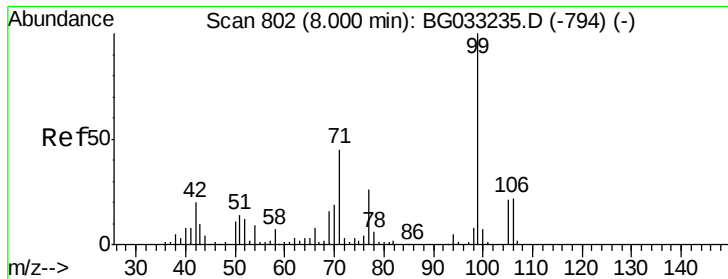
2-Fluorophenol
Concen: 147.016 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion:112 Resp: 193469
Ion Ratio Lower Upper
112 100
64 72.7 56.3 84.5
63 41.8 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: 115.088 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Instrument :

BNA_G

ClientSampleId :

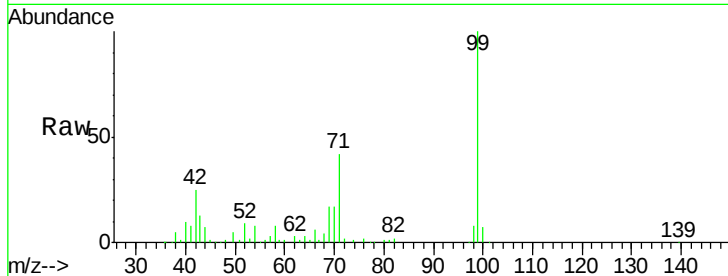
Tot Ion: 99 Resp: 260226

Ion Ratio Lower Upper

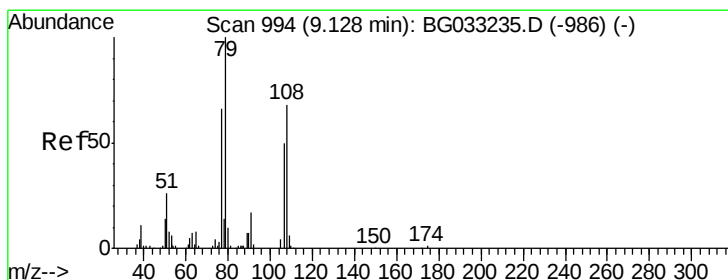
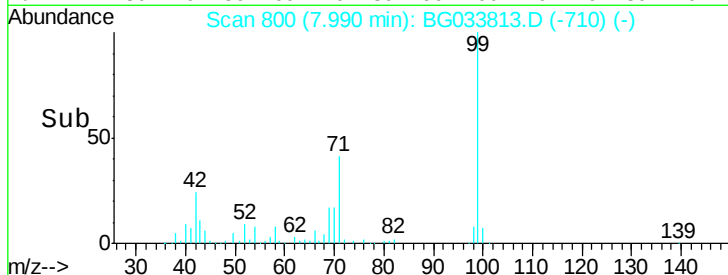
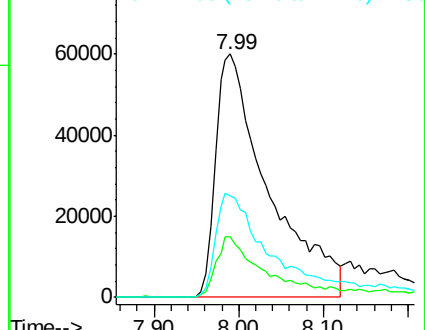
99 100

42 24.6 14.1 21.1#

71 41.6 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: 2.223 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

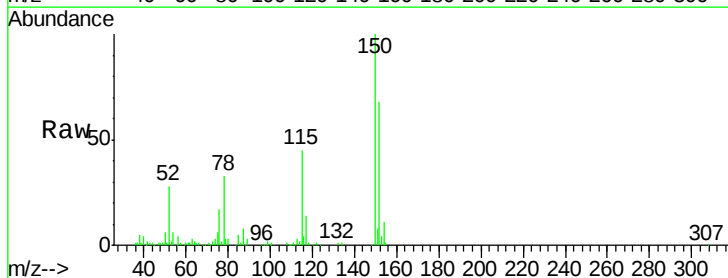
Tgt Ion: 79 Resp: 3958

Ion Ratio Lower Upper

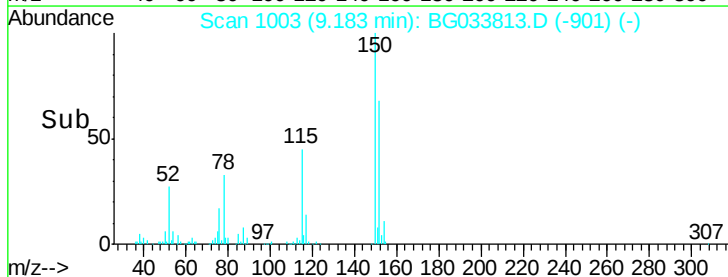
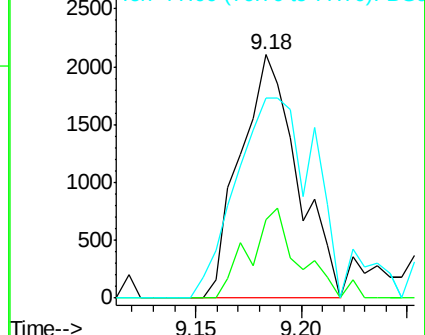
79 100

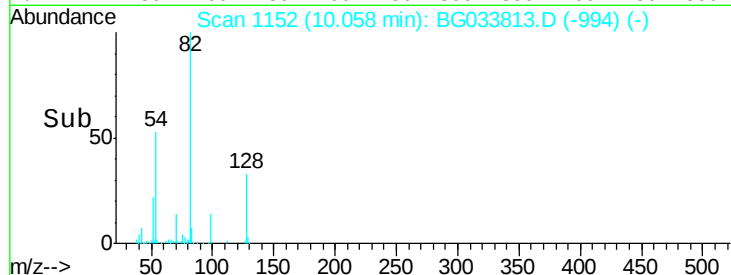
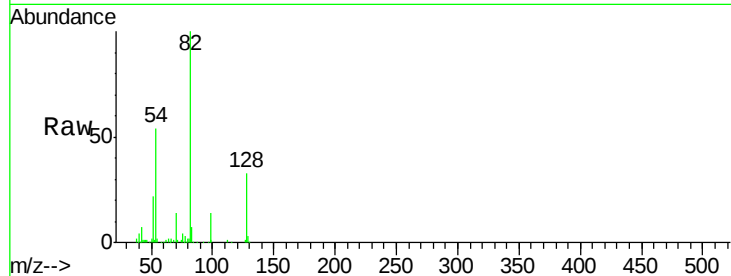
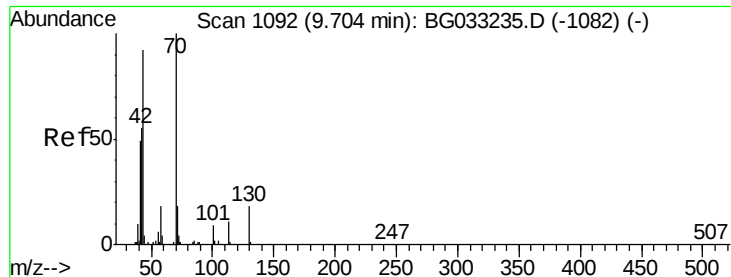
108 32.3 57.2 85.8#

77 82.0 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

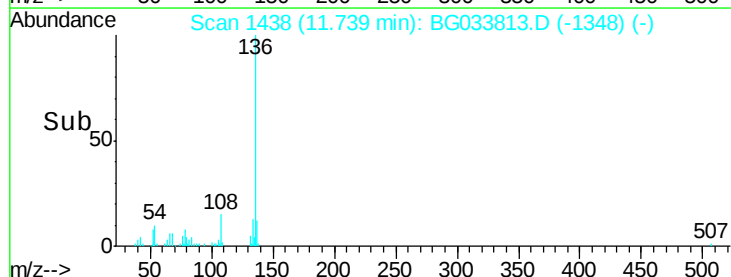
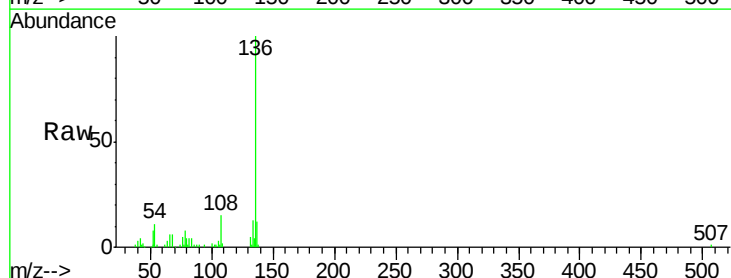
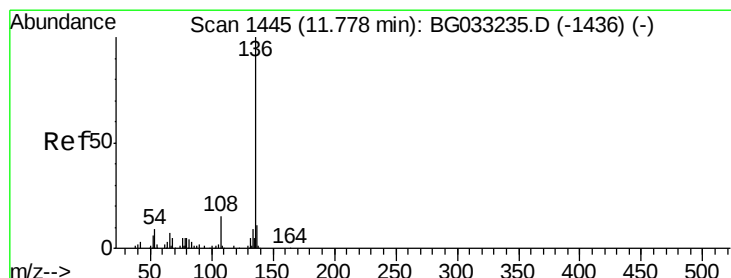
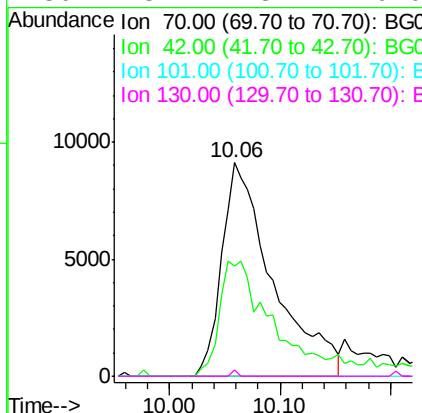




#19
n-Nitroso-di-n-propylamine
Concen: 17.709 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

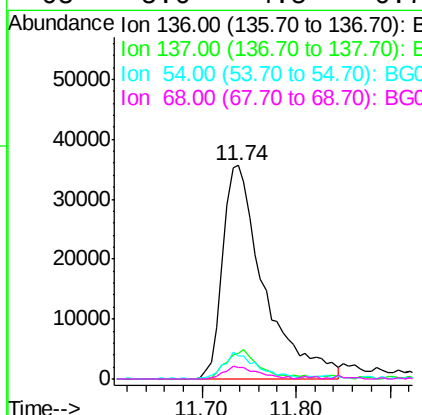
Instrument :
BNA_G
ClientSampleId :

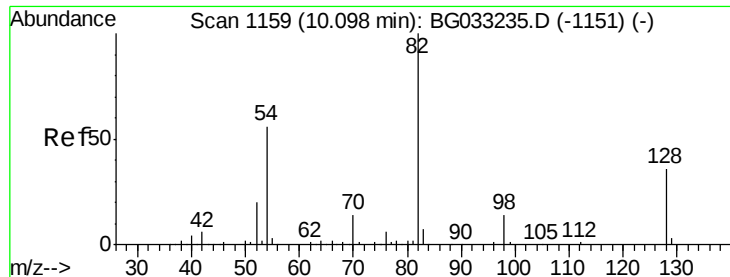
Tot Ion:	70	Resp:	29342
Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.1	73.7
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion:	136	Resp:	108838
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	10.9	10.3	15.5
68	5.6	4.5	6.7

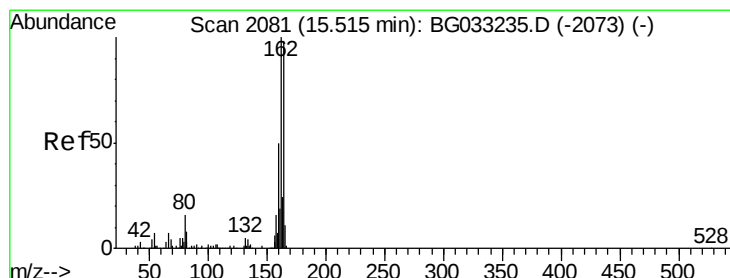
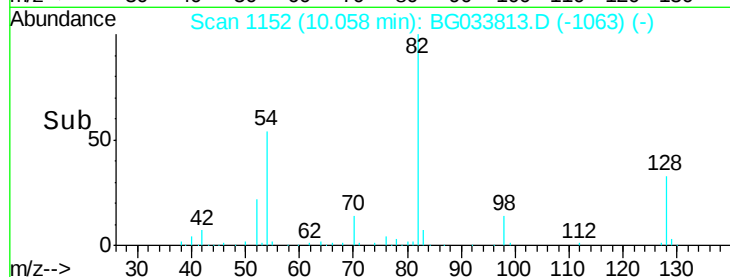
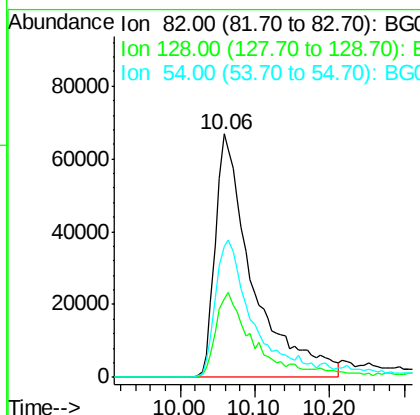
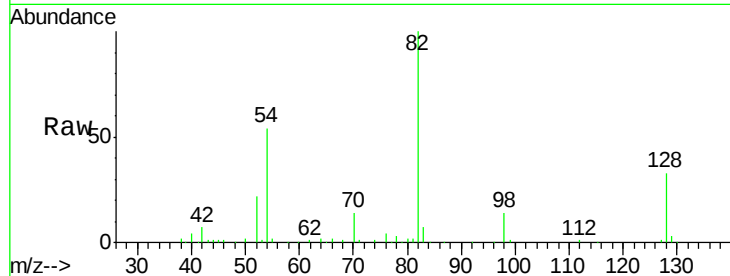




#23
 Nitrobenzene-d5
 Concen: 98.134 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

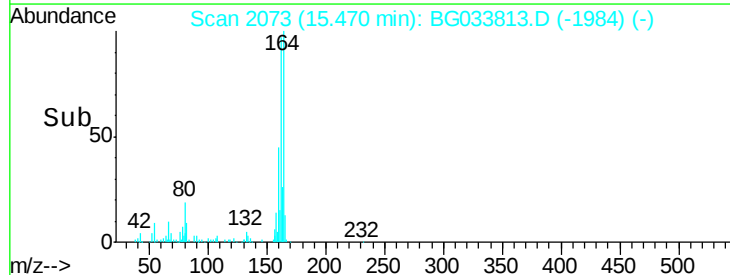
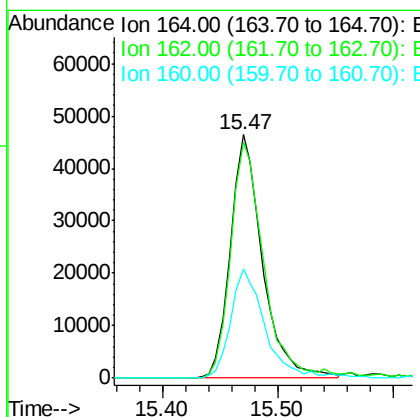
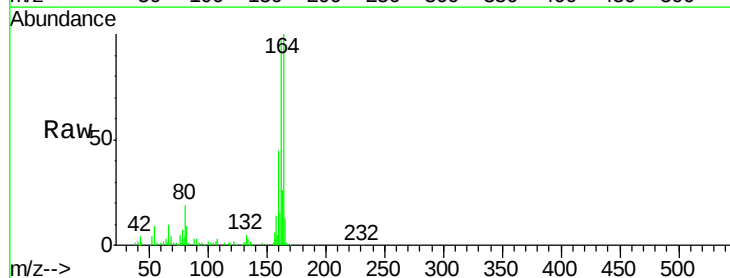
Instrument :
 BNA_G
 ClientSampleId :

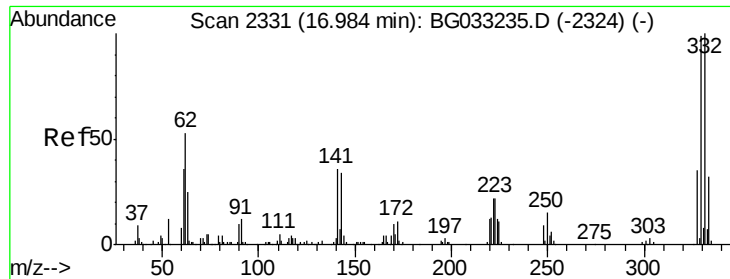
Tot Ion: 82 Resp: 232471
 Ion Ratio Lower Upper
 82 100
 128 32.5 29.7 44.5
 54 53.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Tgt Ion:164 Resp: 89125
 Ion Ratio Lower Upper
 164 100
 162 97.0 78.8 118.2
 160 45.0 35.4 53.0

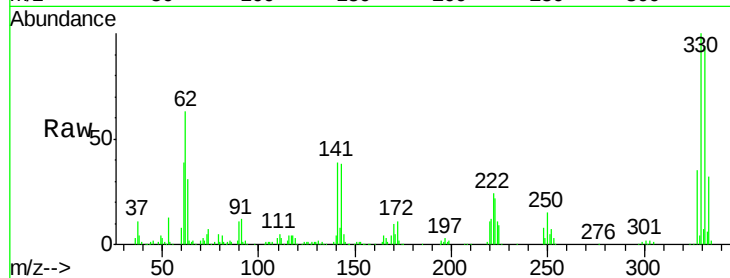




#41
 2,4,6-Tribromophenol
 Concen: 161.189 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

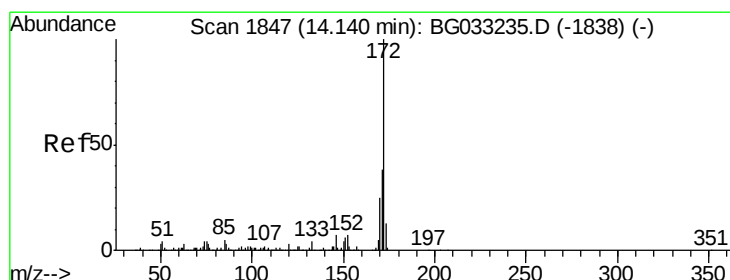
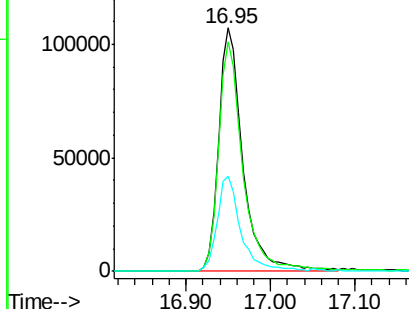
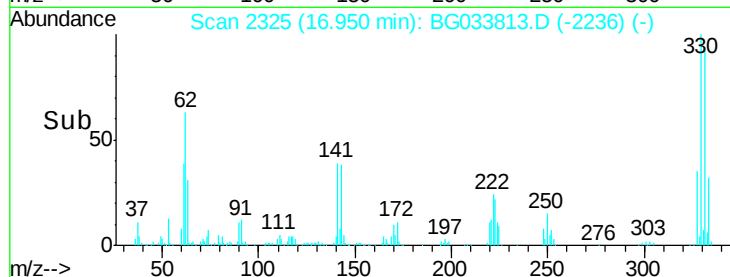
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	38.3	25.2	37.8#



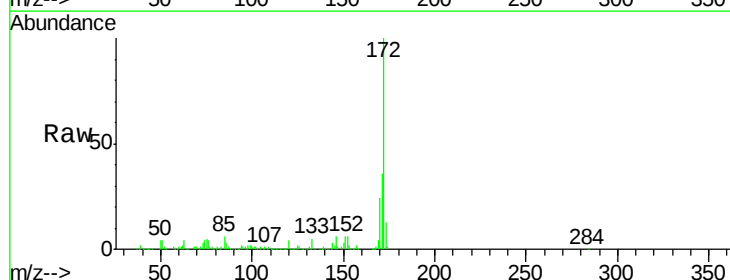
Abundance

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



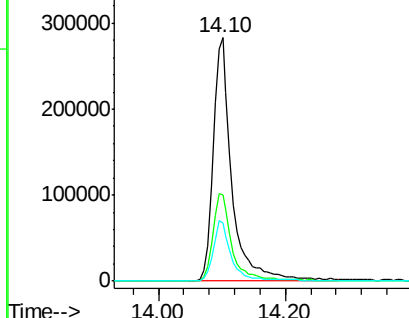
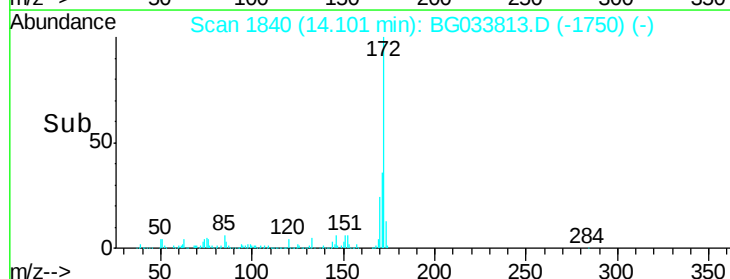
#44
 2-Fluorobiphenyl
 Concen: 96.104 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

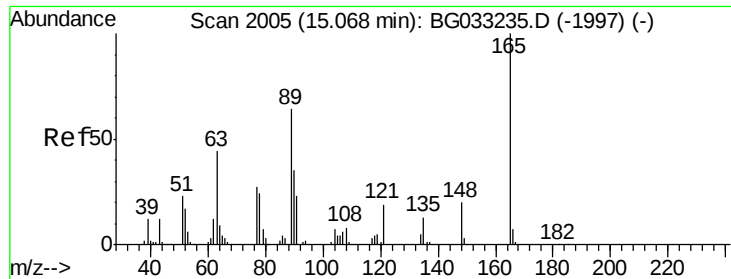
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.8	19.5	29.3



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

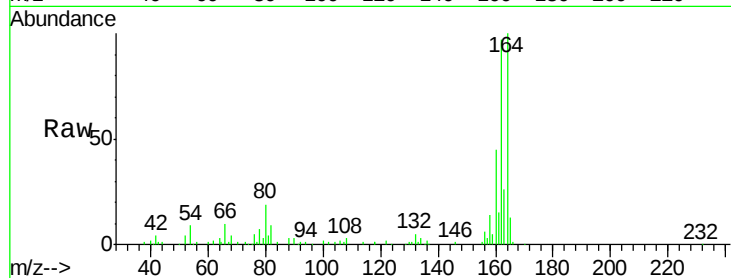




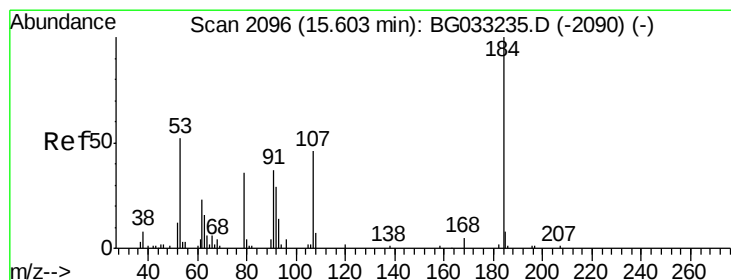
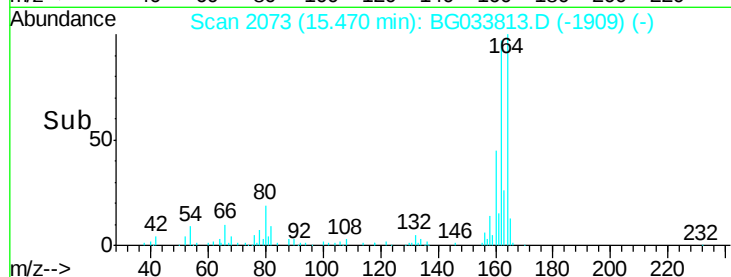
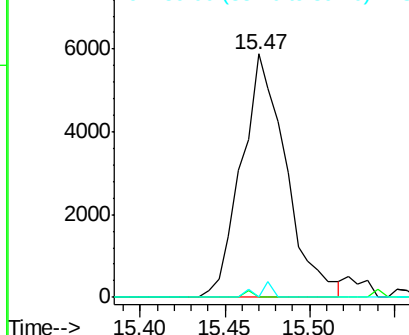
#50
 2,6-Dinitrotoluene
 Concen: 6.826 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10825
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

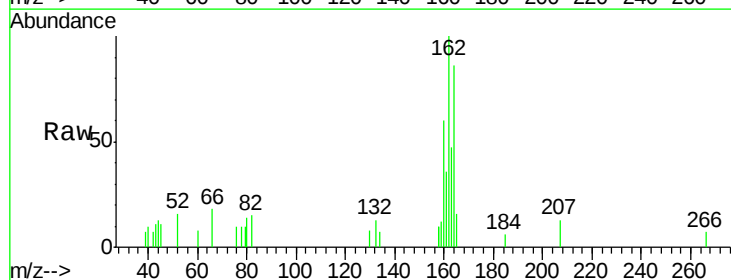


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

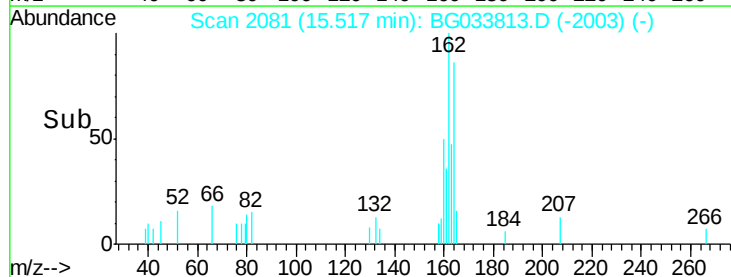
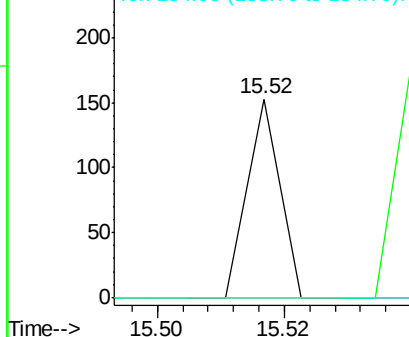


#53
 2,4-Dinitrophenol
 Concen: 7.702 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.07 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Tgt Ion:184 Resp: 54
 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: 4.636 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

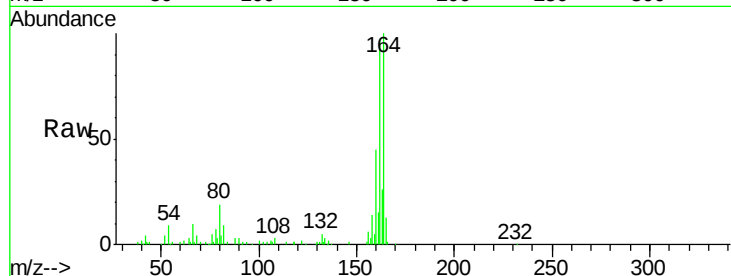
Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 10825

Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

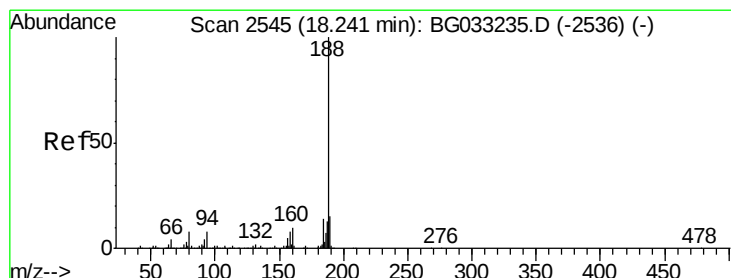
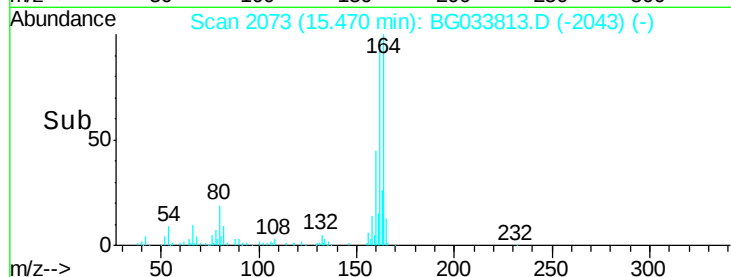
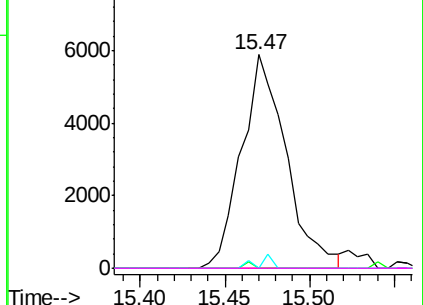
182 0.0 2.6 3.8#

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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Tgt Ion:188 Resp: 275560

Ion Ratio Lower Upper

188 100

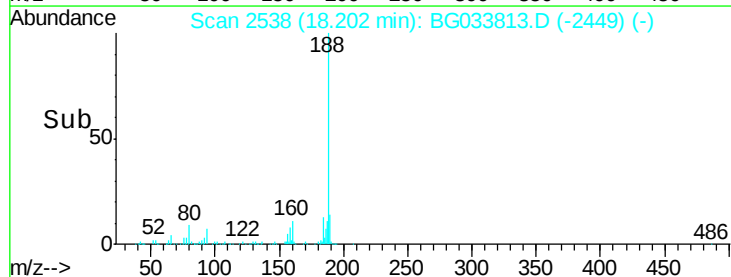
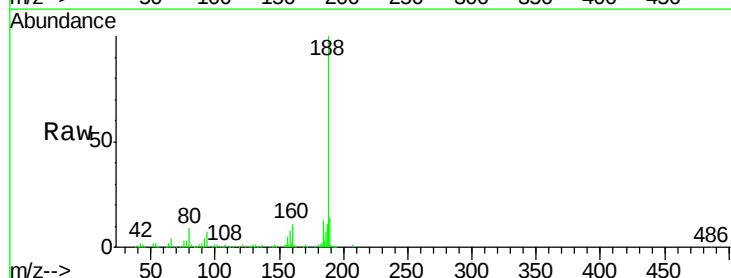
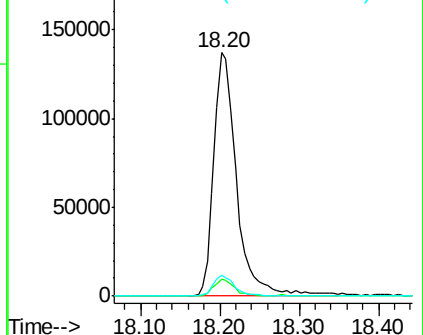
94 7.0 6.9 10.3

80 8.6 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

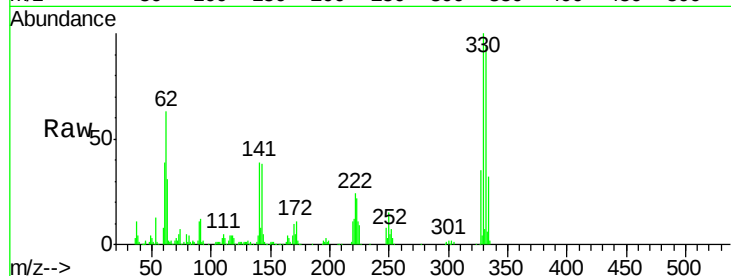




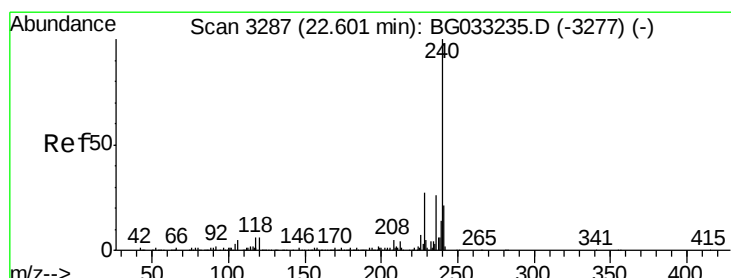
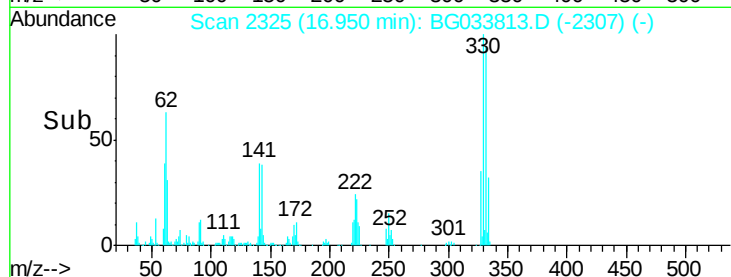
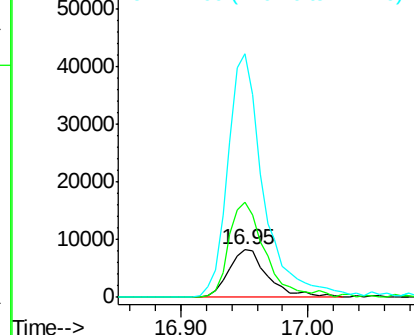
#66
4-Bromophenyl-phenylether
Concen: 5.404 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17487
Ion Ratio Lower Upper
248 100
250 200.6 77.1 115.7#
141 511.2 50.8 76.2#

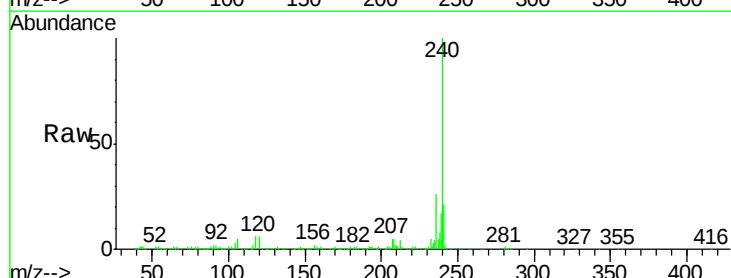


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

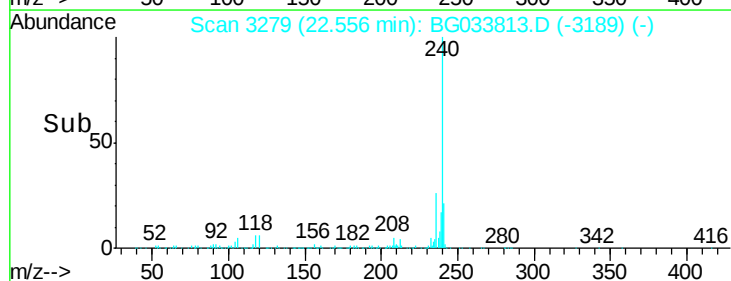
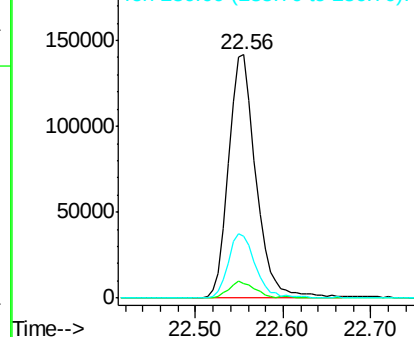


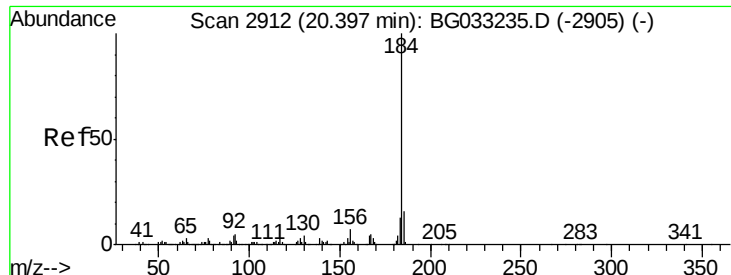
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion:240 Resp: 304896
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.5 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: 3.559 ng

RT: 20.38 min Scan# 2909

Delta R.T. 0.01 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Instrument :

BNA_G

ClientSampleId :

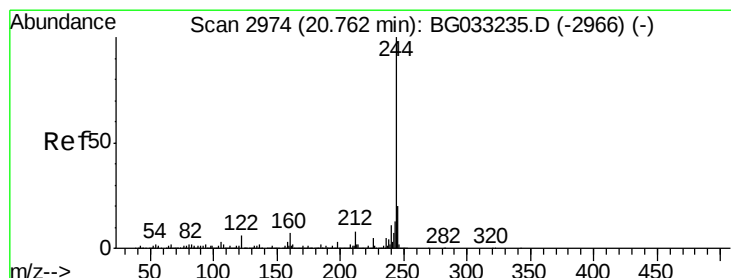
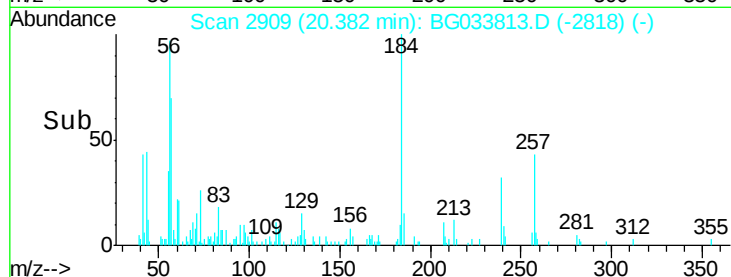
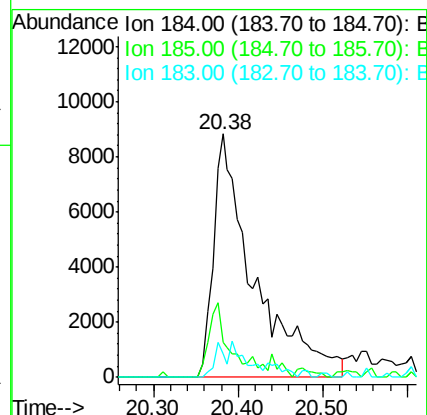
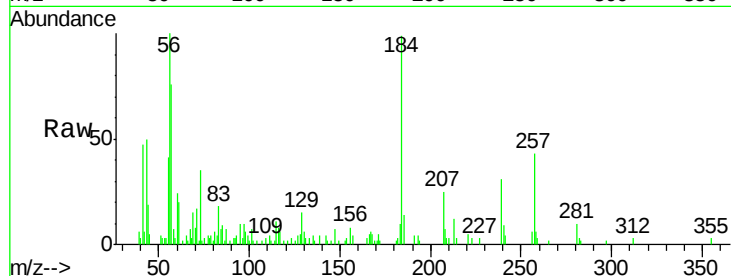
Tot Ion:184 Resp: 29431

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 9.7 10.6 16.0#



#78

Terphenyl-d14

Concen: 103.842 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

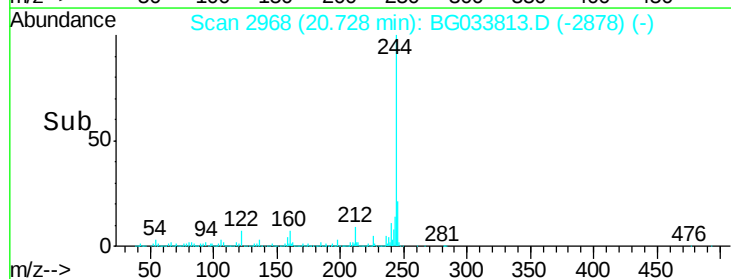
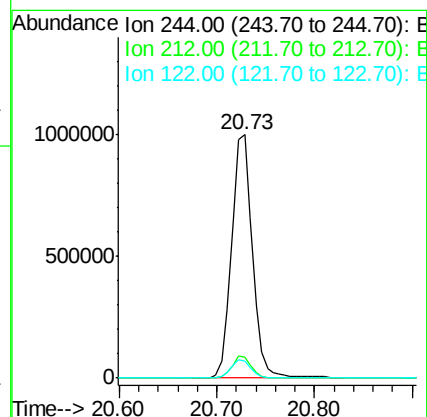
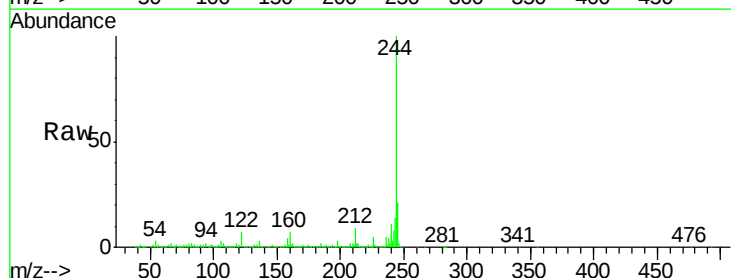
Tgt Ion:244 Resp: 1480457

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 7.1 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	23.2	17.7	26.5

