

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033810.D
 Acq On : 16 Apr 2018 11:11
 Operator : SJ/JU
 Sample : J2348-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 11:58:42 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

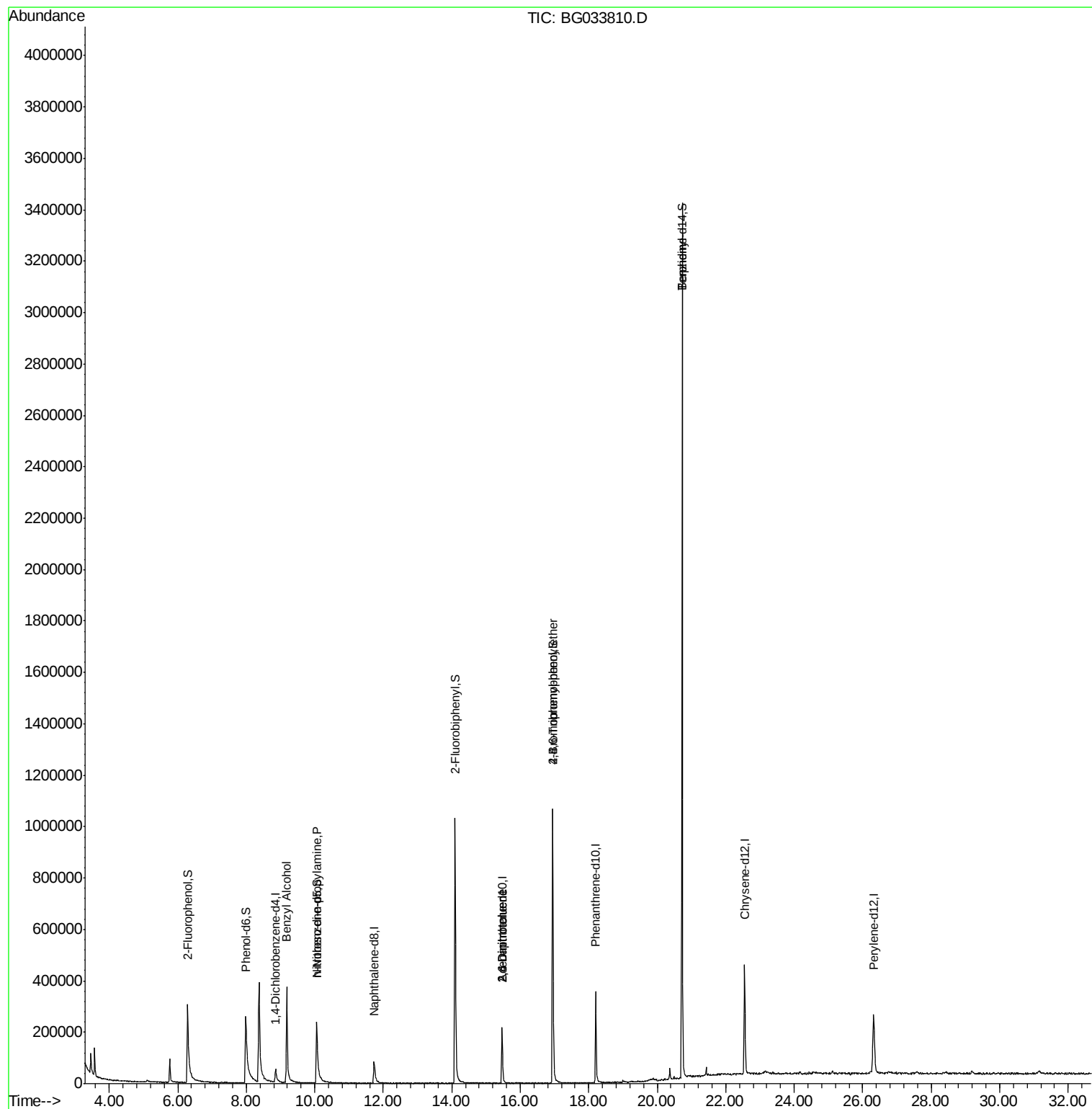
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25366	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	110903	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92867	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	276961	20.00	ng	0.00
75) Chrysene-d12	22.55	240	309446	20.00	ng	0.00
86) Perylene-d12	26.31	264	323062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	227937	168.50	ng	-0.01
7) Phenol-d6	7.98	99	349470	150.35	ng	0.00
23) Nitrobenzene-d5	10.06	82	281030	116.42	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241552	173.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	701436	109.04	ng	0.00
78) Terphenyl-d14	20.73	244	1665102	115.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	5054	2.762	ng	# 61
19) n-Nitroso-di-n-propylamine	10.06	70	35207	20.671	ng	# 67
50) 2,6-Dinitrotoluene	15.47	165	11452	6.930	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	11452	4.707	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19658	6.044	ng	# 1
76) Benzidine	20.73	184	29917	3.565	ng	# 93

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

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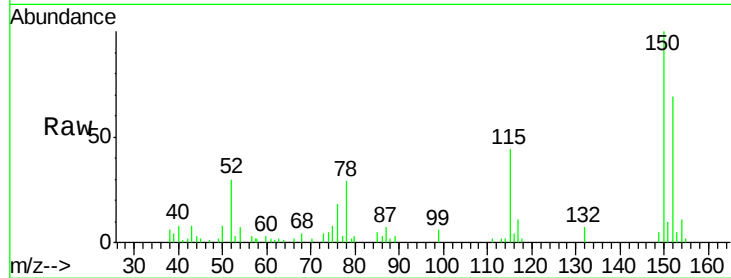


#1

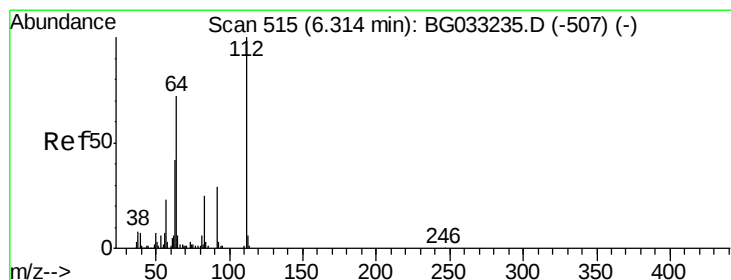
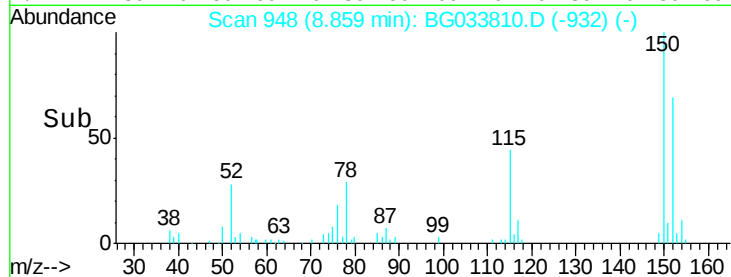
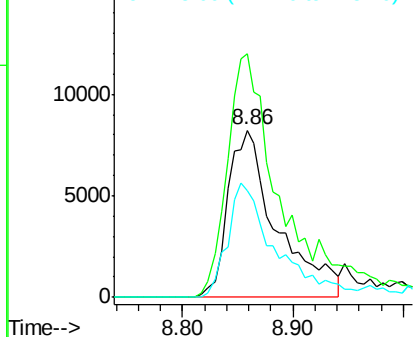
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25366
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 64.0 53.0 79.4



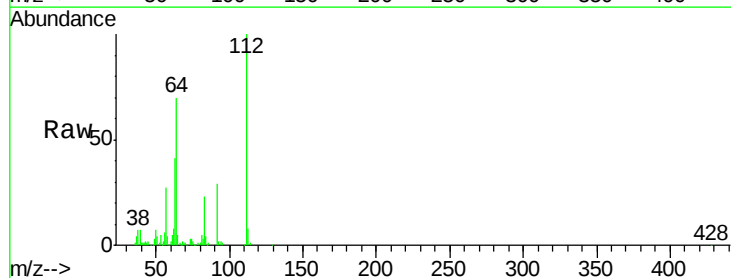
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



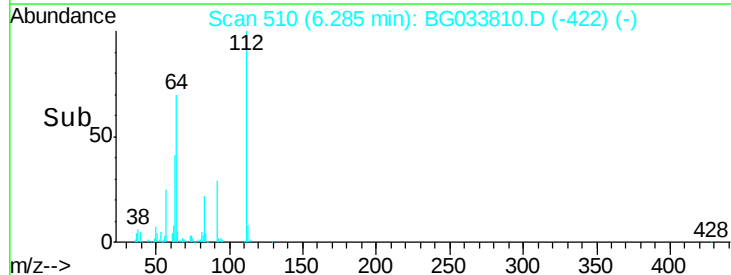
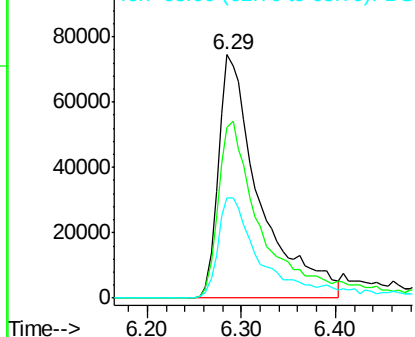
#5

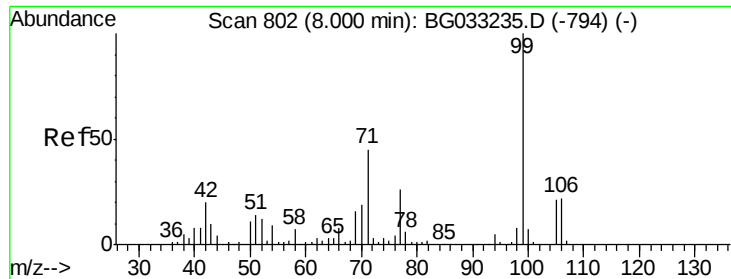
2-Fluorophenol
Concen: 168.497 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion:112 Resp: 227937
Ion Ratio Lower Upper
112 100
64 69.9 56.3 84.5
63 41.3 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: 150.353 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

ClientSampleId :

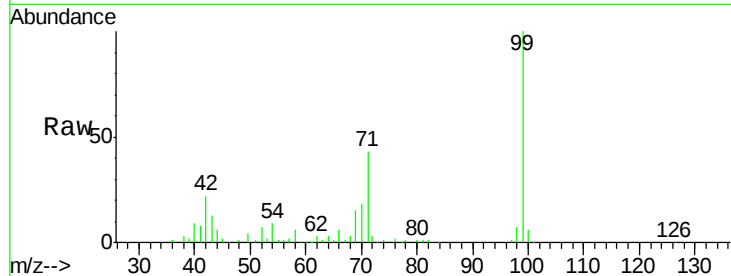
Tot Ion: 99 Resp: 349470

Ion Ratio Lower Upper

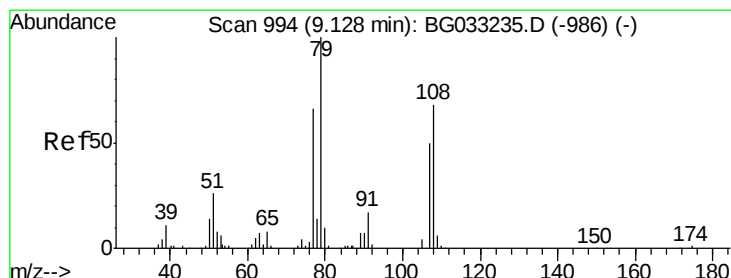
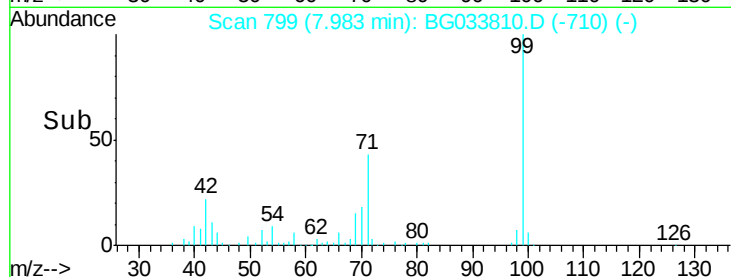
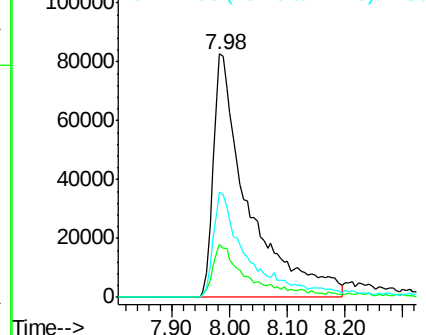
99 100

42 21.9 14.1 21.1#

71 43.2 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: 2.762 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

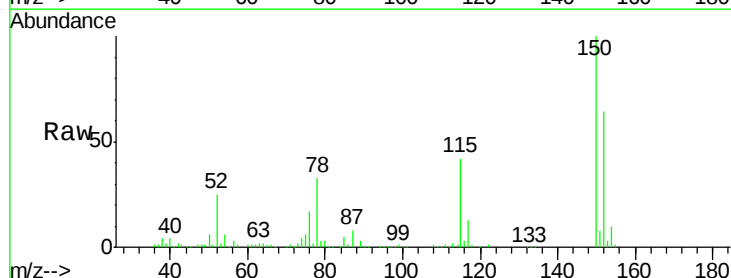
Tgt Ion: 79 Resp: 5054

Ion Ratio Lower Upper

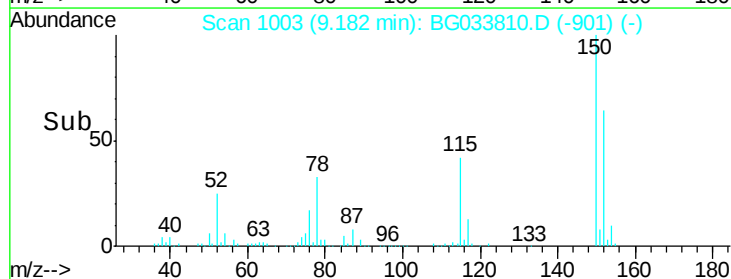
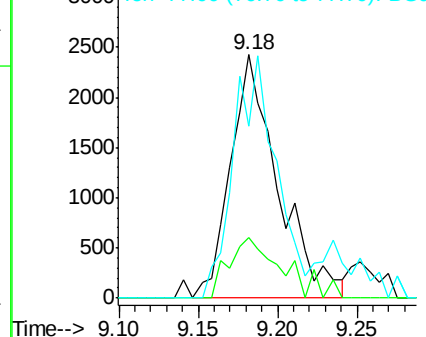
79 100

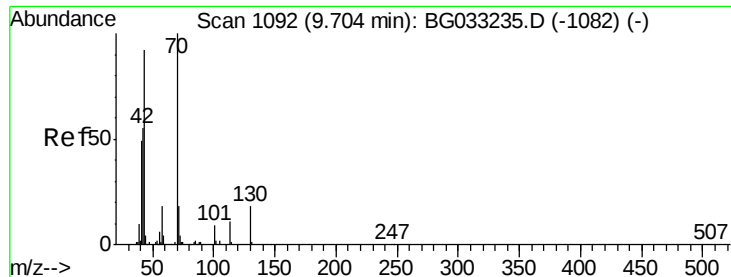
108 25.1 57.2 85.8#

77 70.7 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

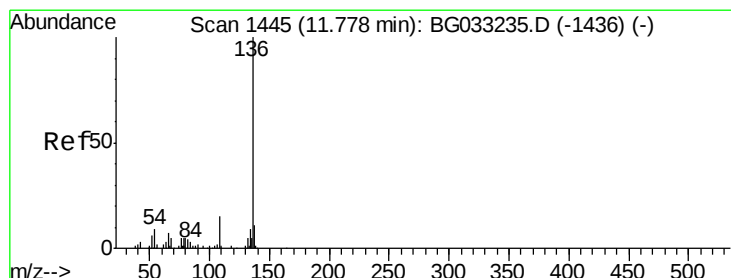
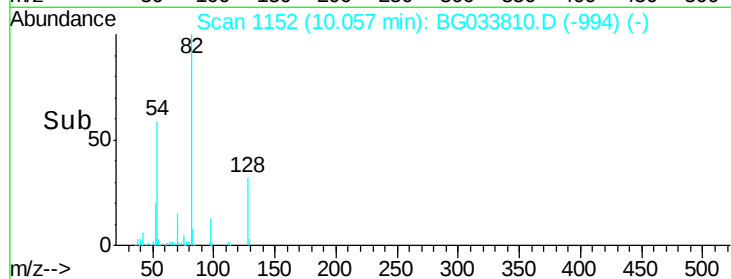
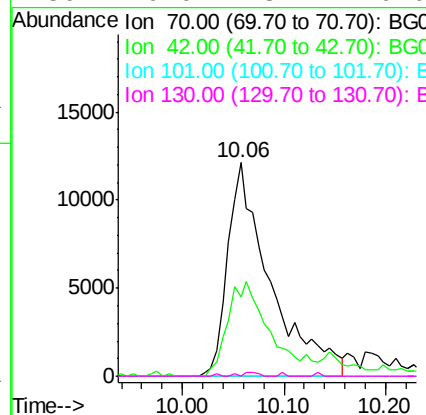
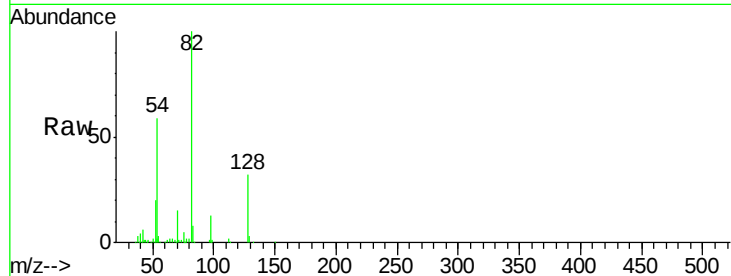




#19
n-Nitroso-di-n-propylamine
Concen: 20.671 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

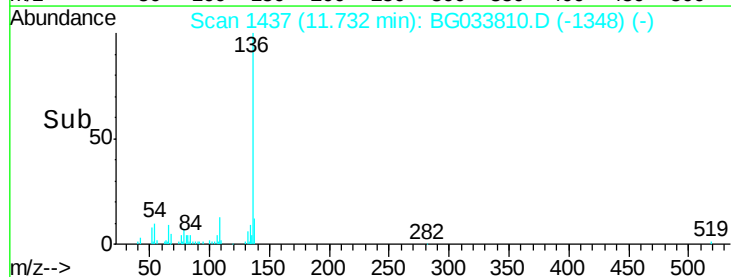
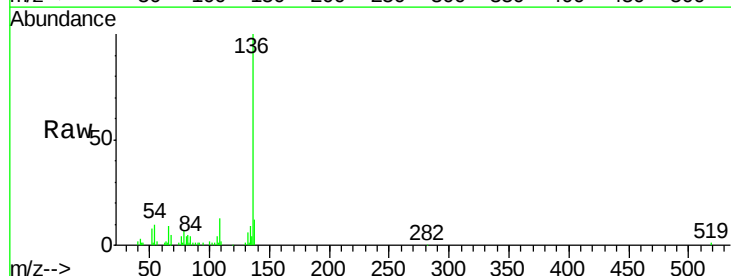
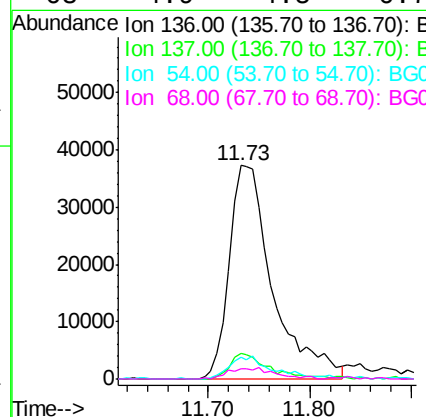
Instrument :
BNA_G
ClientSampleId :

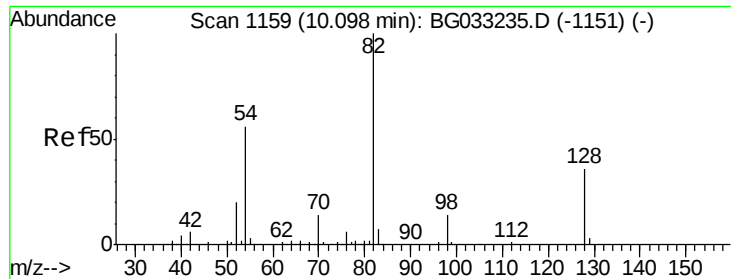
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.2	49.1	73.7#	
101	0.0	8.5	12.7#	
130	0.0	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	12.2	9.2	13.8	
54	10.2	10.3	15.5#	
68	4.9	4.5	6.7	

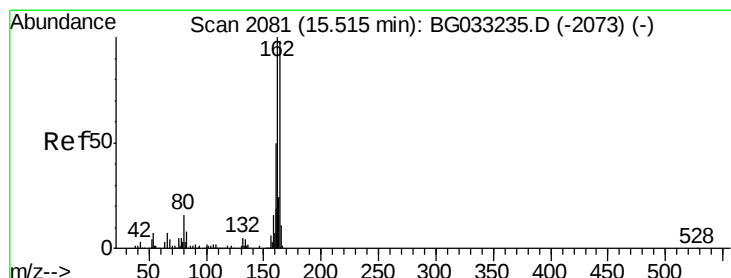
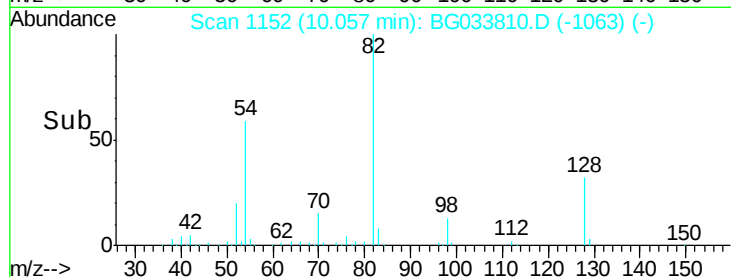
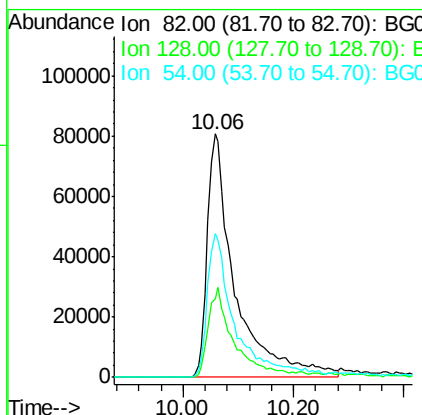
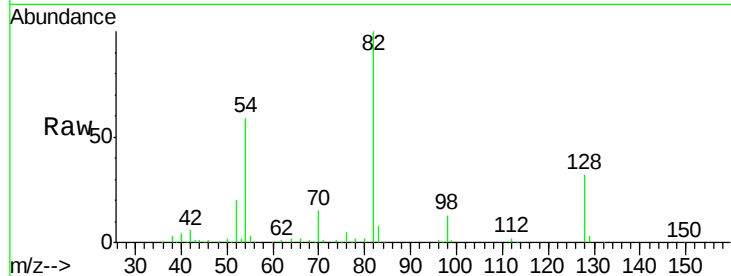




#23
Nitrobenzene-d5
Concen: 116.423 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

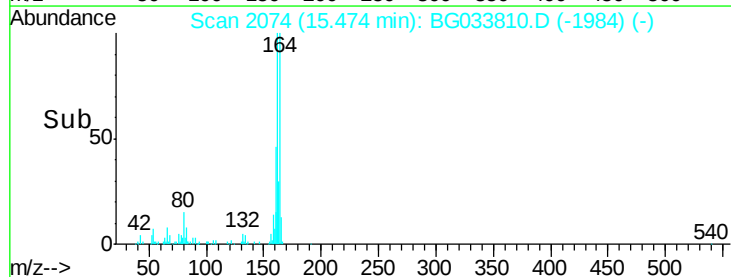
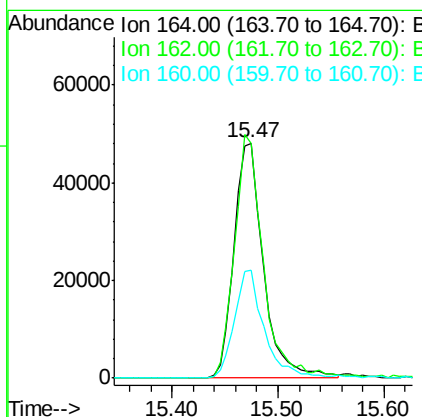
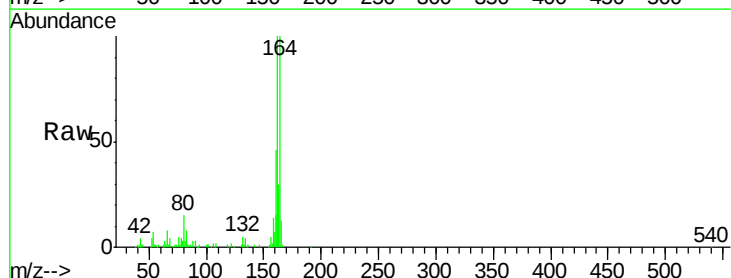
Instrument :
BNA_G
ClientSampleId :

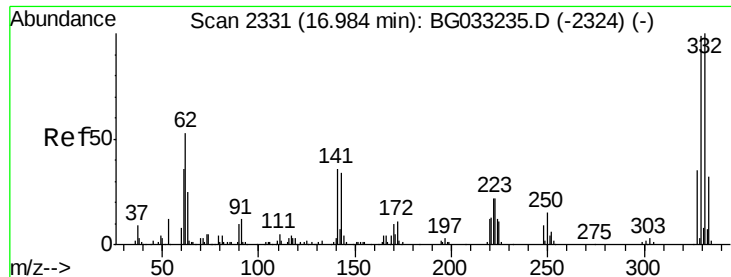
Tot Ion: 82 Resp: 281030
Ion Ratio Lower Upper
82 100
128 32.1 29.7 44.5
54 59.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion:164 Resp: 92867
Ion Ratio Lower Upper
164 100
162 100.1 78.8 118.2
160 45.8 35.4 53.0

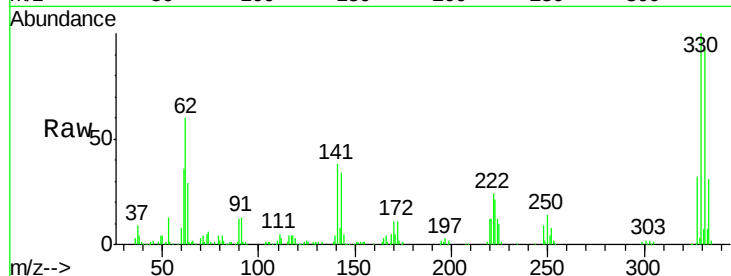




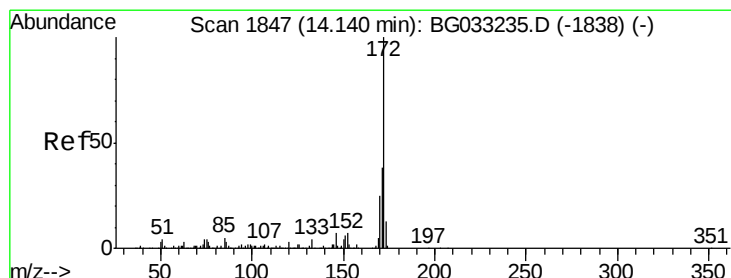
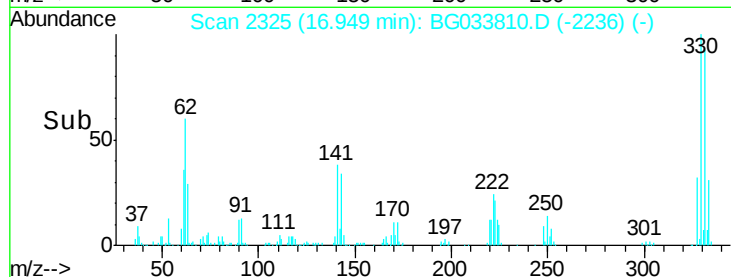
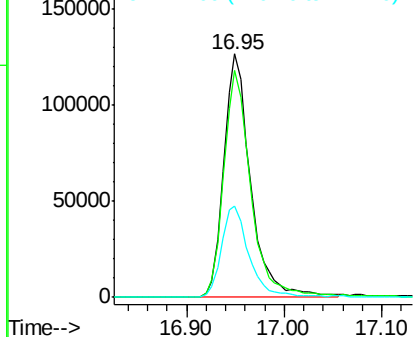
#41
 2,4,6-Tribromophenol
 Concen: 173.912 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033810.D
 Acq: 16 Apr 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	38.6	25.2	37.8#

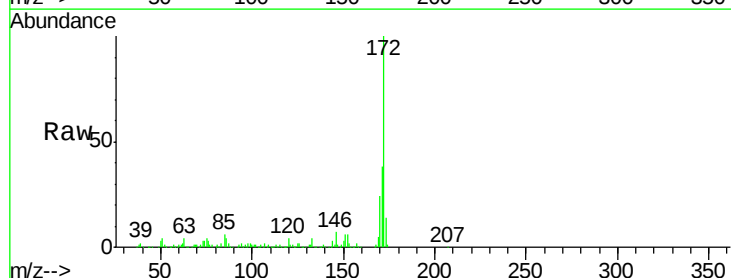


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

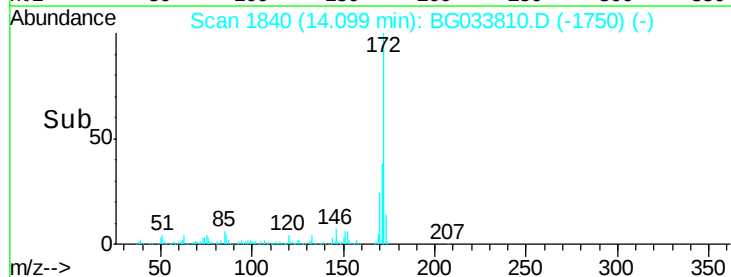
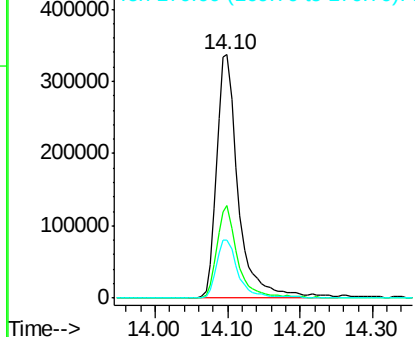


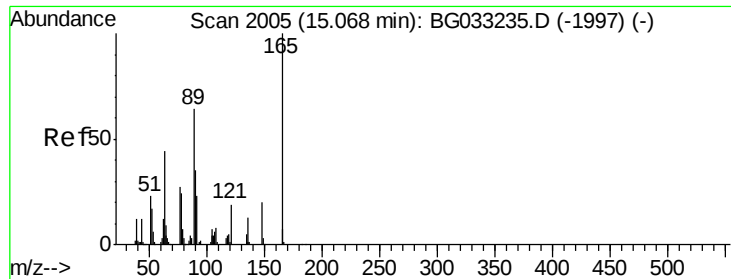
#44
 2-Fluorobiphenyl
 Concen: 109.040 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033810.D
 Acq: 16 Apr 2018 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.9	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

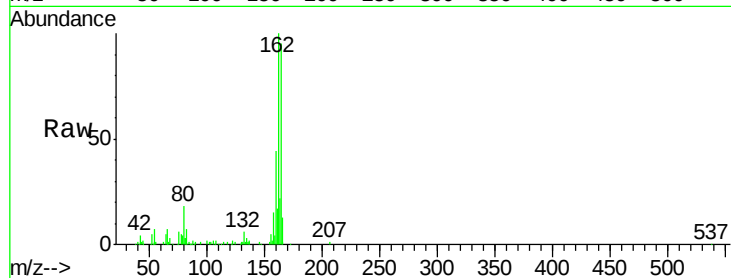




#50
2,6-Dinitrotoluene
Concen: 6.930 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Instrument :
BNA_G
ClientSampleId :

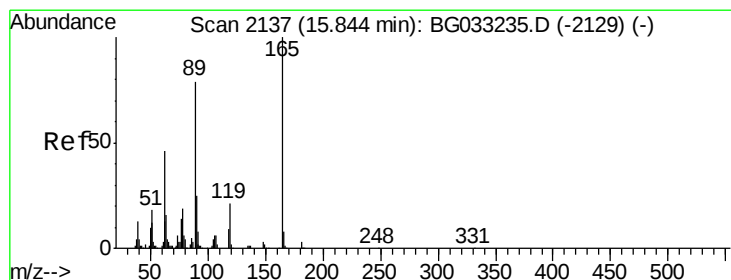
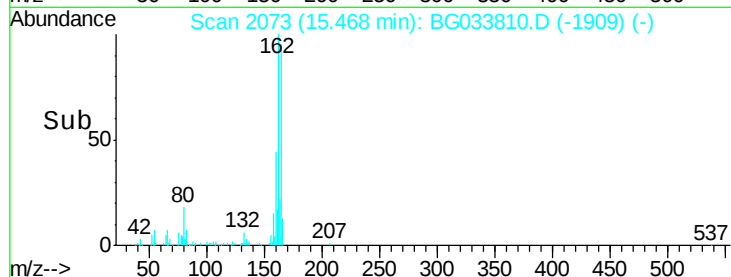
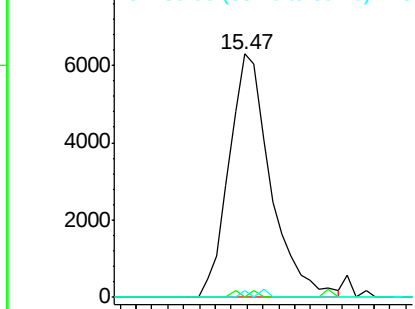
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.7	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

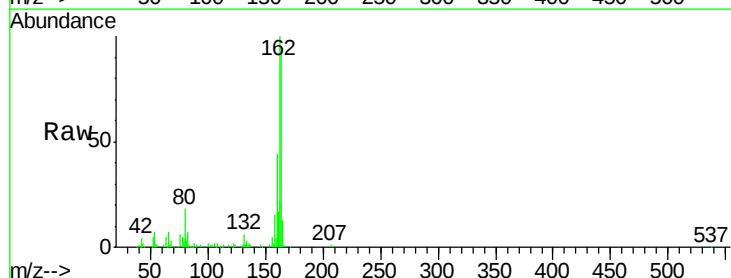
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 4.707 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#

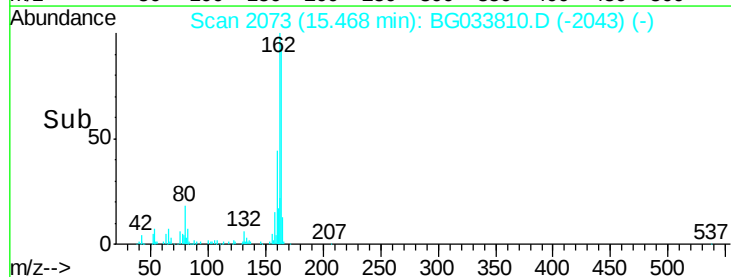
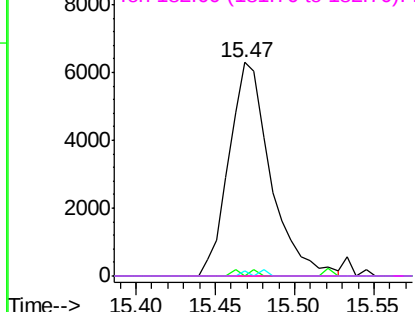


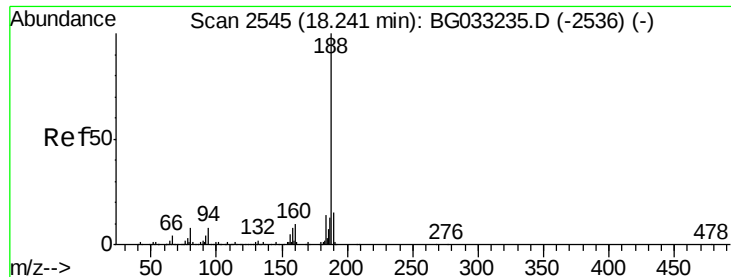
Abundance Ion 165.00 (164.70 to 165.70): E

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

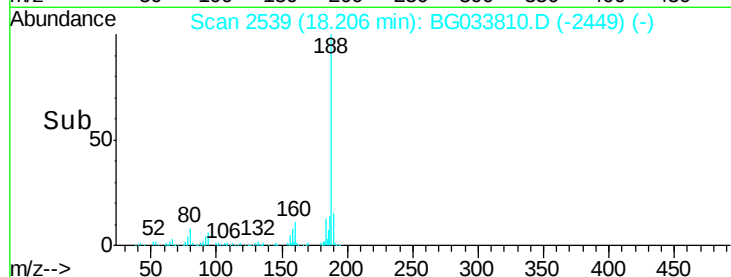
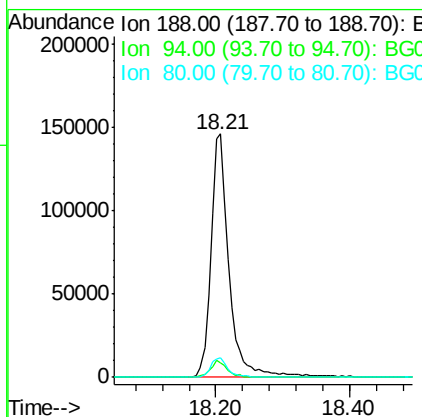
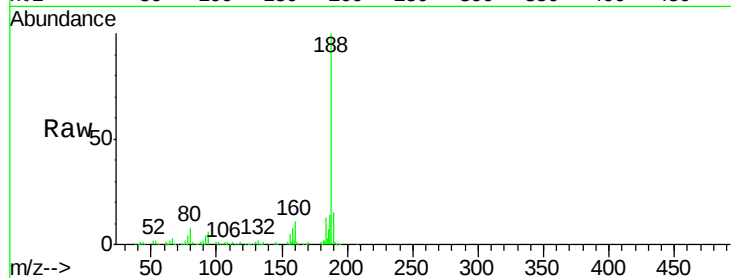




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

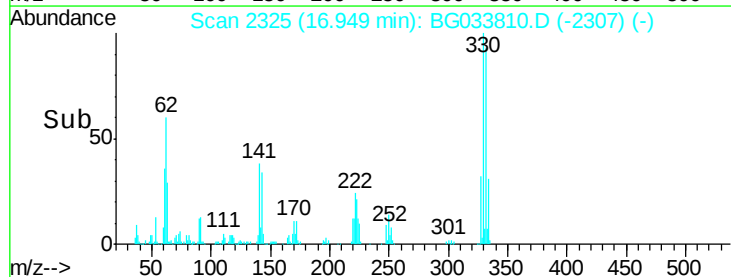
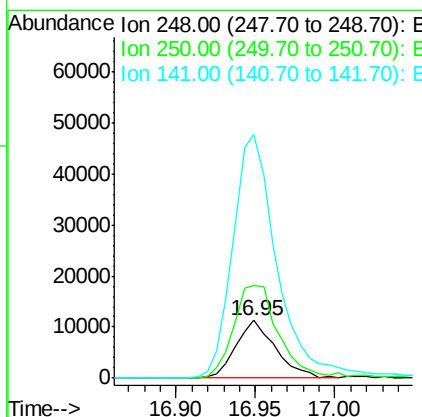
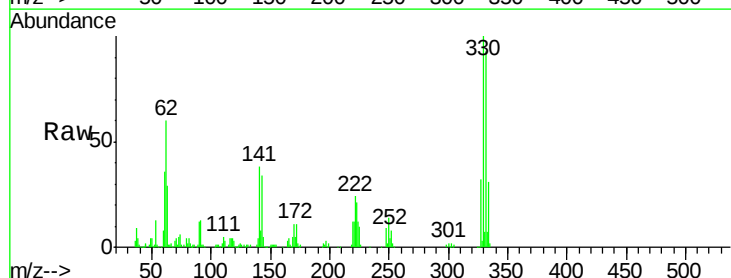
Instrument :
BNA_G
ClientSampleId :

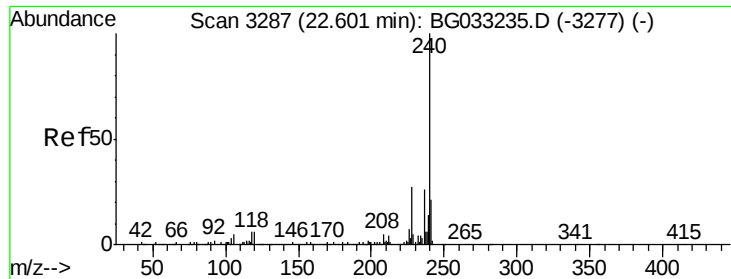
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	8.1	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 6.044 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	159.9	77.1	115.7#
141	420.2	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

ClientSampleId :

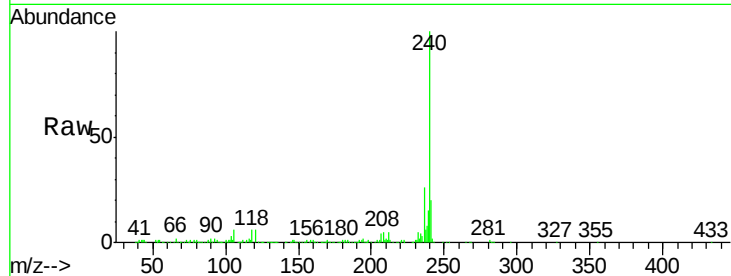
Tot Ion:240 Resp: 309446

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

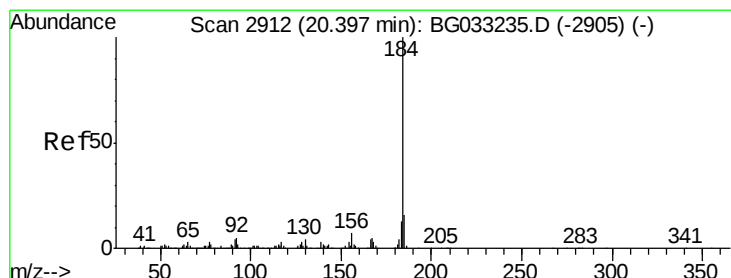
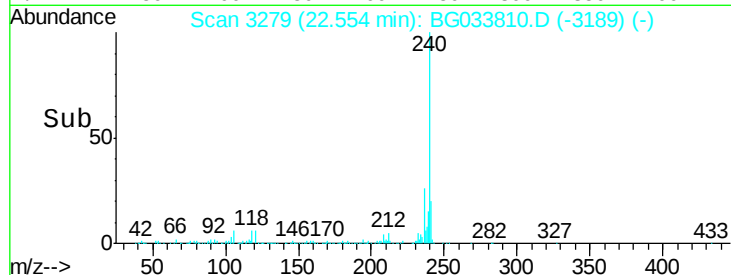
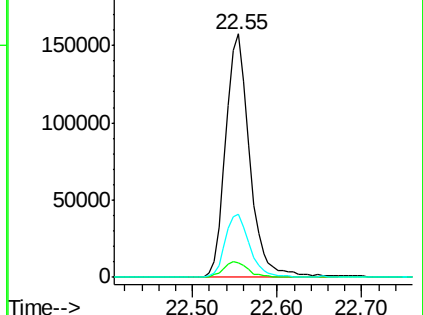
236 26.0 20.9 31.3



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: 3.565 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

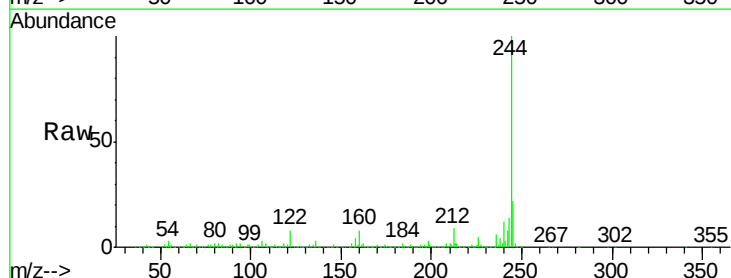
Tgt Ion:184 Resp: 29917

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

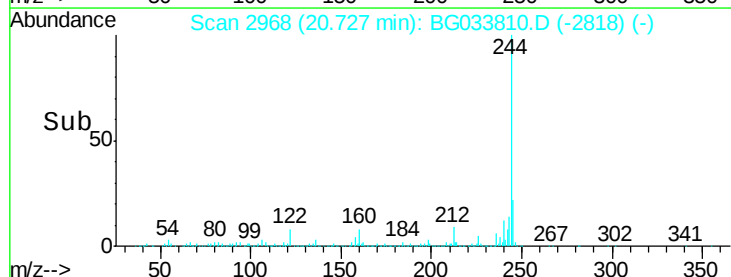
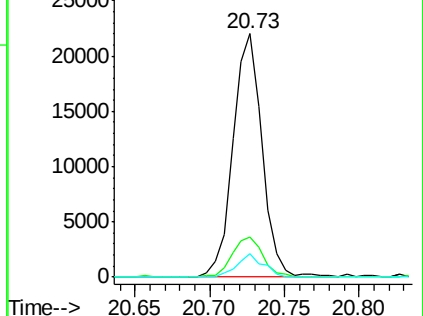
183 9.6 10.6 16.0#

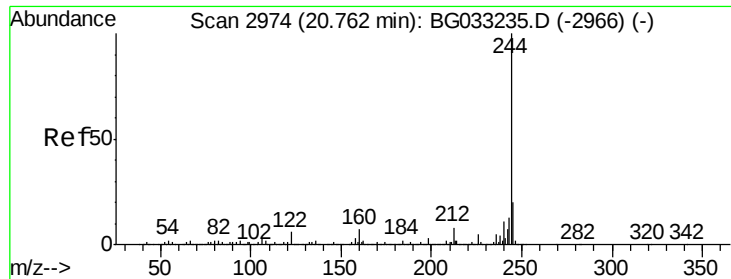


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 115.077 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

ClientSampleId :

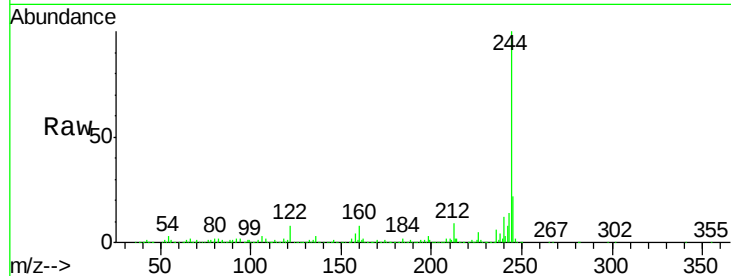
Tot Ion:244 Resp: 1665102

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

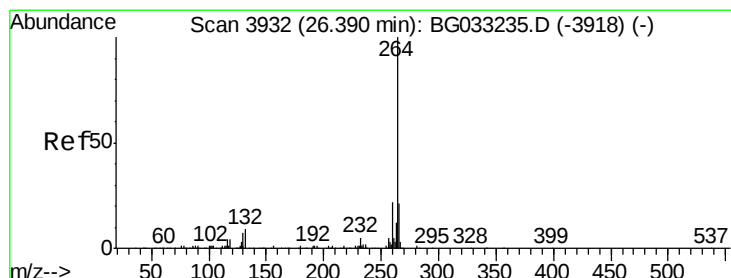
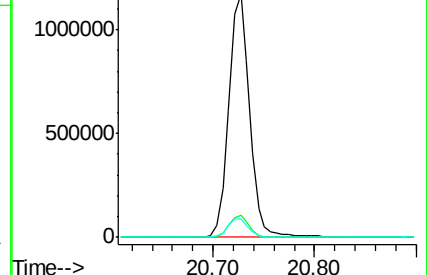
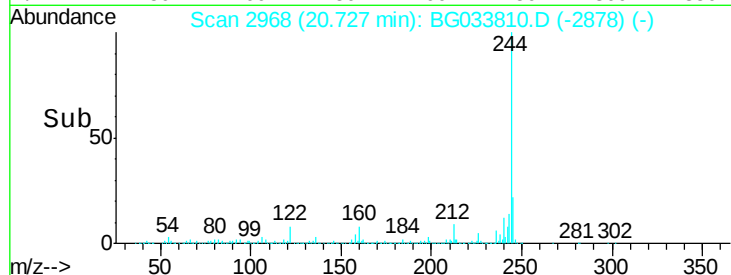
122 7.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

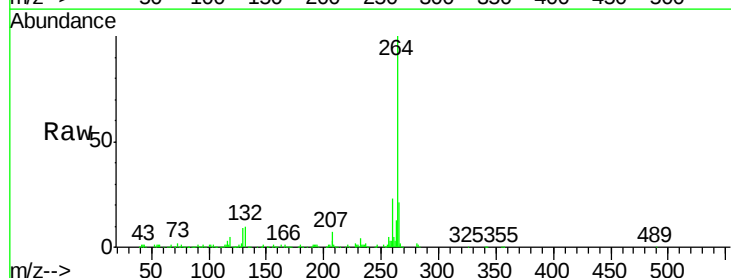
Tgt Ion:264 Resp: 323062

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.9 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

