

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033700.D
 Acq On : 10 Apr 2018 4:33
 Operator : SJ/JU
 Sample : J2155-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:05:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35790	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	151822	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	112217	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	296476	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	303007	20.00	ng	-0.01
86) Perylene-d12	26.31	264	314521	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	307568	161.14	ng	0.00
7) Phenol-d6	7.97	99	422173	128.73	ng	0.00
23) Nitrobenzene-d5	10.06	82	324329	98.15	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221016	131.69	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	747380	96.15	ng	0.00
78) Terphenyl-d14	20.73	244	1432555	101.11	ng	0.00

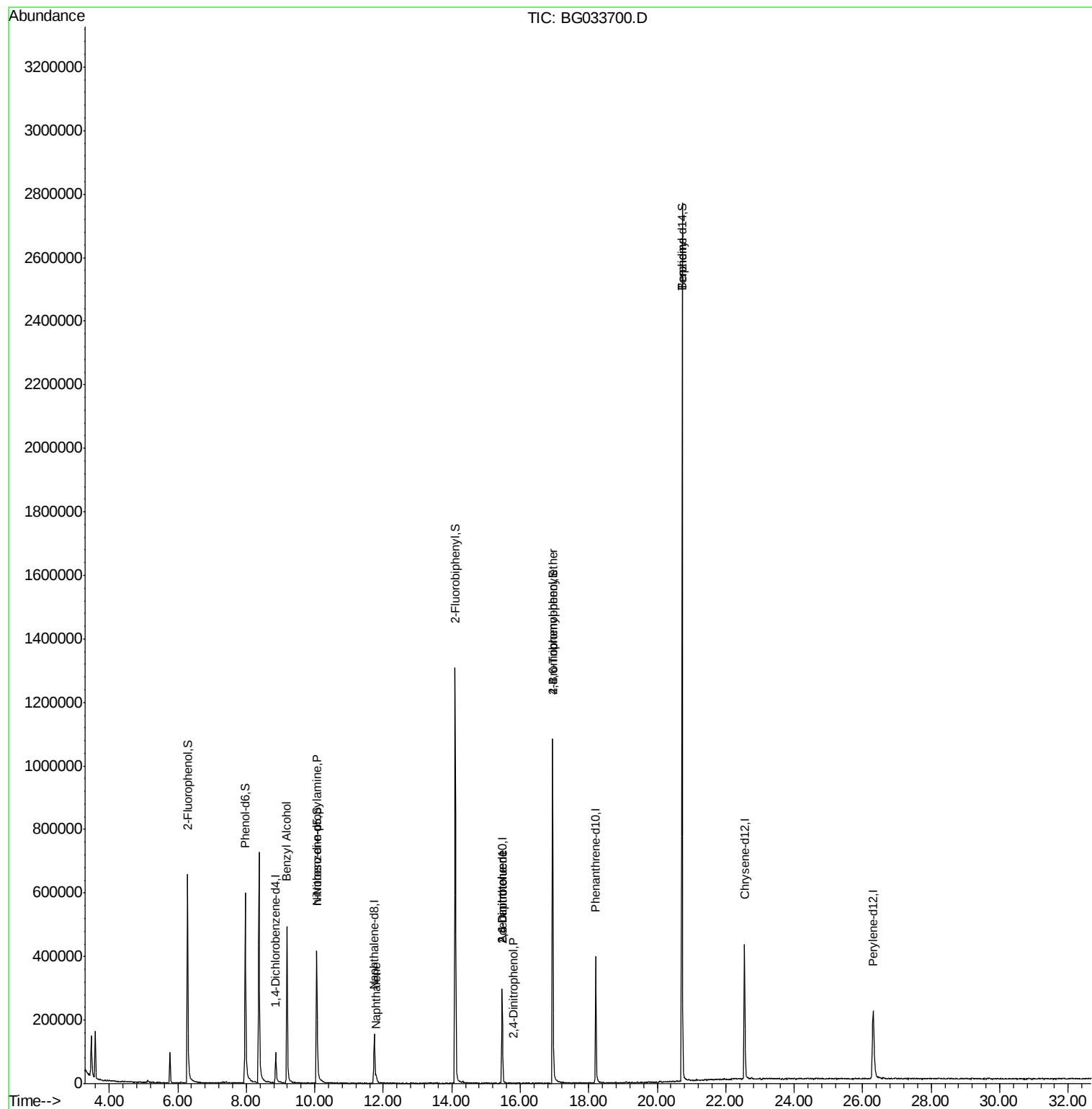
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.19	79	5756	2.229	ng	# 40
19) n-Nitroso-di-n-propylamine	10.06	70	43754	18.207	ng	# 80
31) Naphthalene	11.80	128	21447	2.726	ng	# 99
50) 2,6-Dinitrotoluene	15.47	165	14921	7.472	ng	# 20
53) 2,4-Dinitrophenol	15.79	184	60	7.695	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	14920	5.075	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	17166	4.930	ng	# 1
76) Benzidine	20.72	184	23483	2.858	ng	# 90

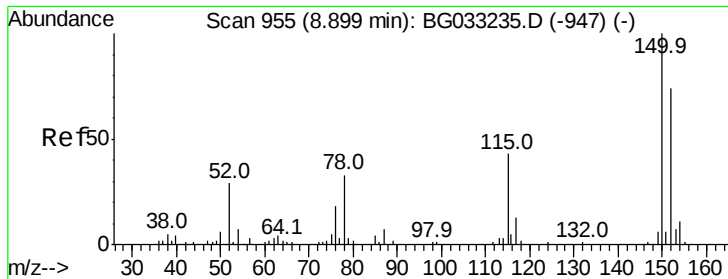
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033700.D
Acq On : 10 Apr 2018 4:33
Operator : SJ/JU
Sample : J2155-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 06:05:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration



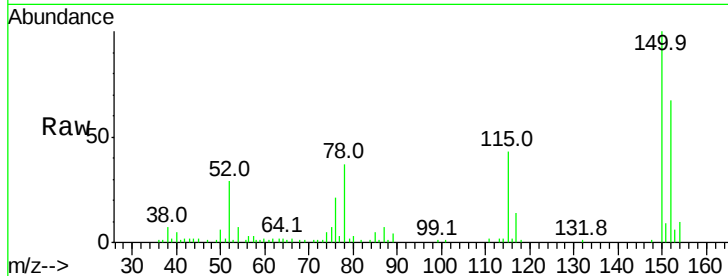


#1

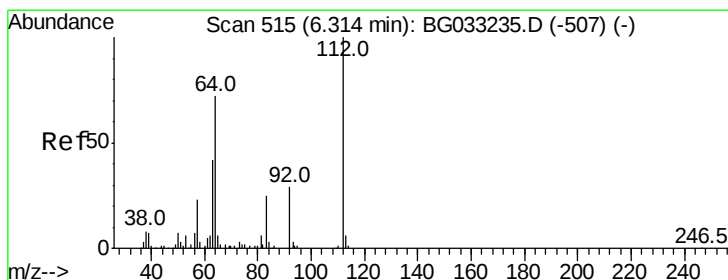
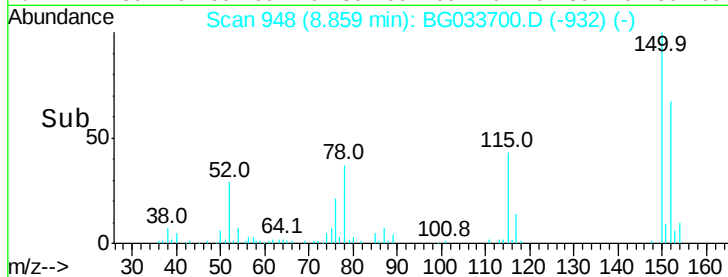
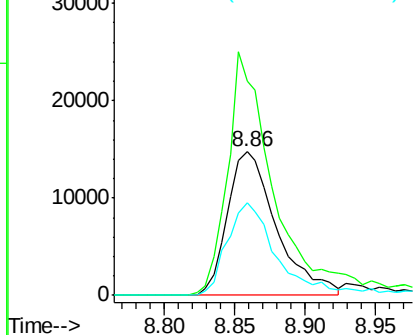
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35790
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 64.6 53.0 79.4



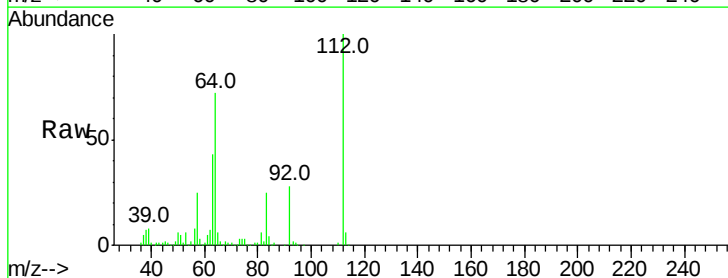
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



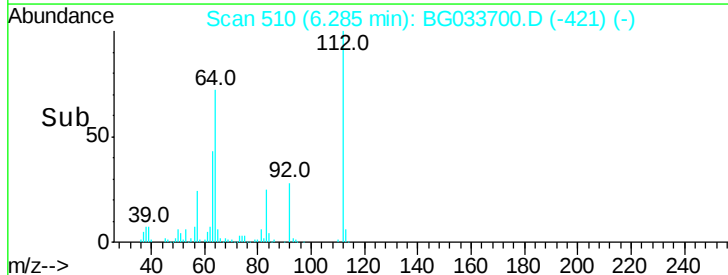
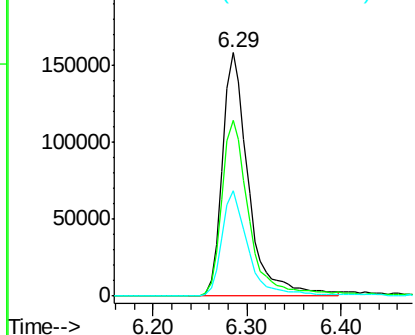
#5

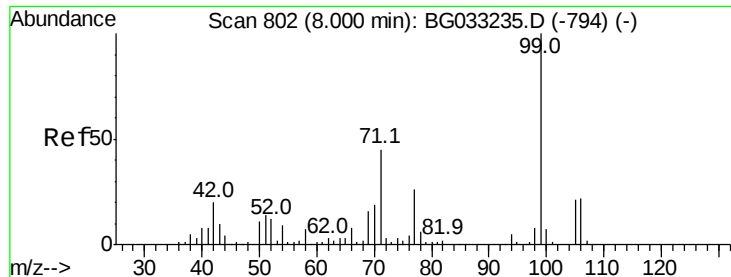
2-Fluorophenol
Concen: 161.142 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

Tgt Ion:112 Resp: 307568
Ion Ratio Lower Upper
112 100
64 72.4 56.3 84.5
63 43.5 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: 128.731 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Instrument :

BNA_G

ClientSampled :

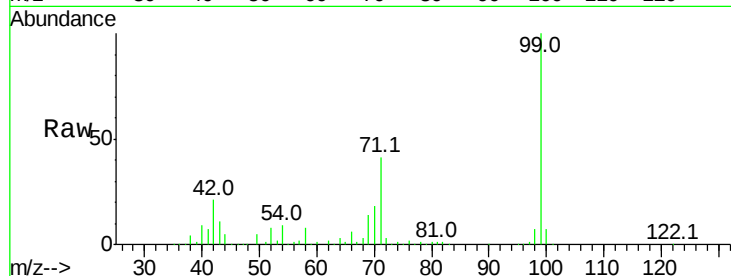
Tot Ion: 99 Resp: 422173

Ion Ratio Lower Upper

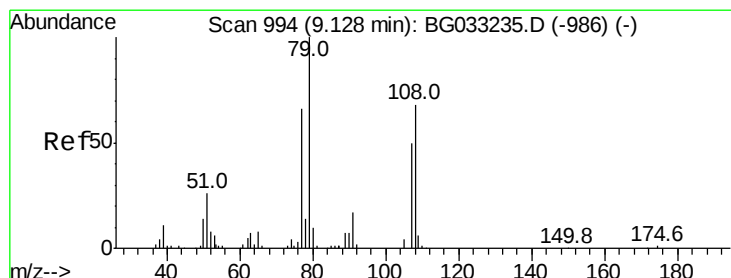
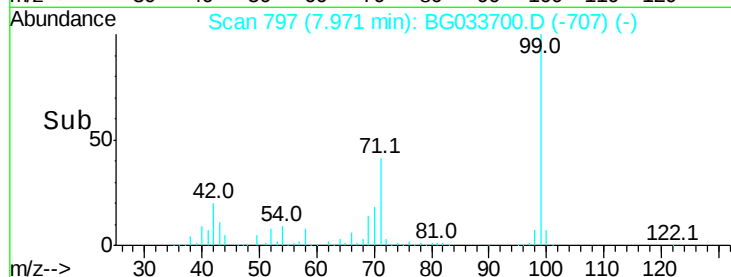
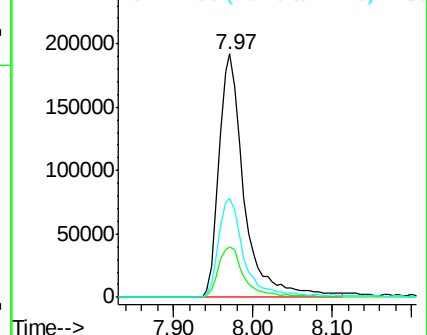
99 100

42 20.5 14.1 21.1

71 40.8 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: 2.229 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

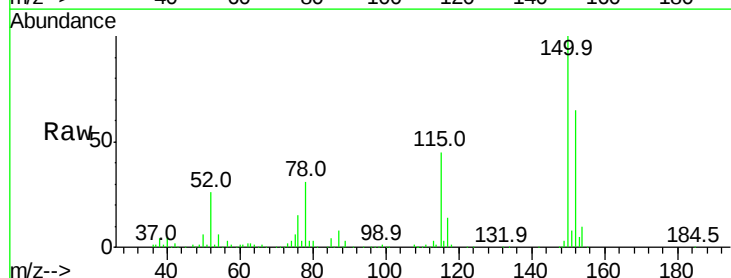
Tgt Ion: 79 Resp: 5756

Ion Ratio Lower Upper

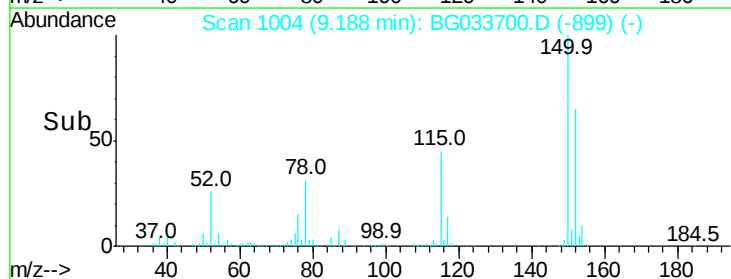
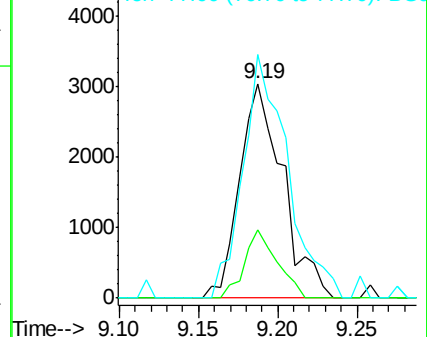
79 100

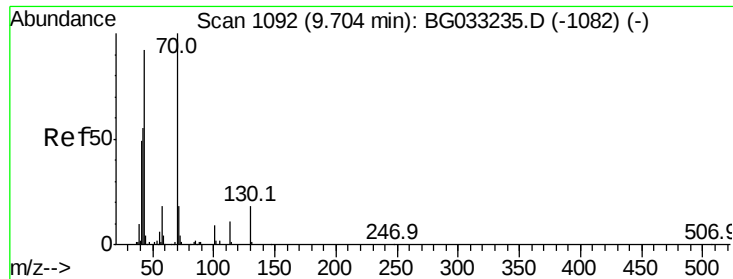
108 31.7 57.2 85.8#

77 113.7 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

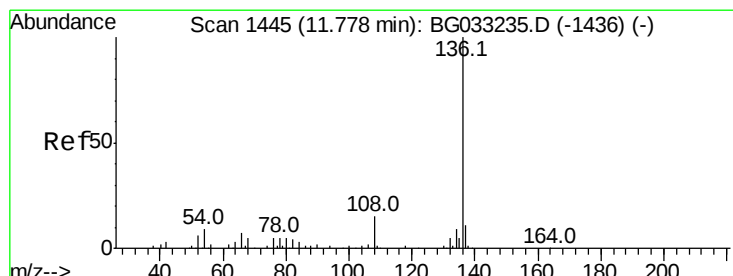
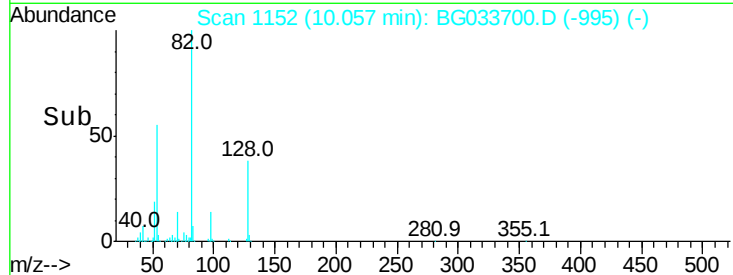
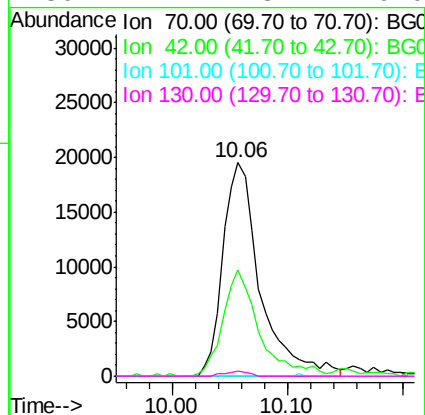
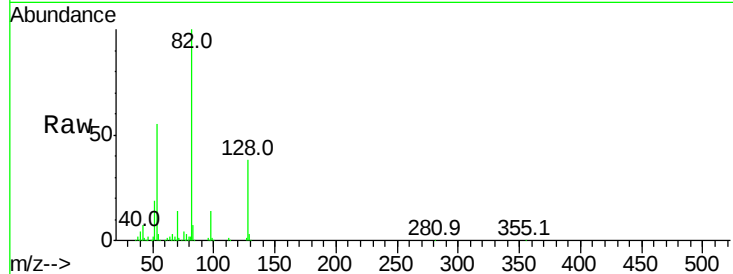




#19
n-Nitroso-di-n-propylamine
Concen: 18.207 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

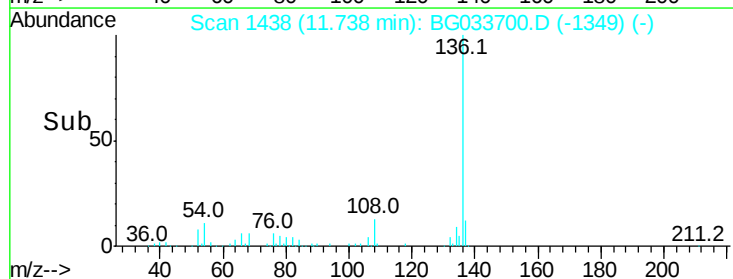
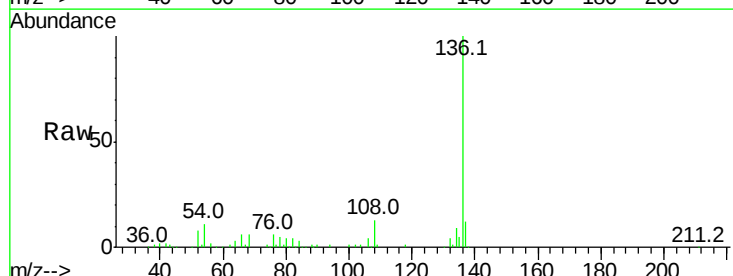
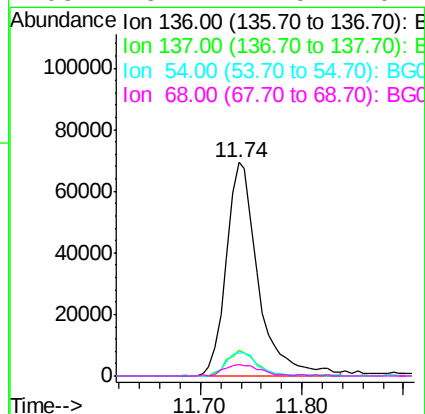
Instrument :
BNA_G
ClientSampleId :

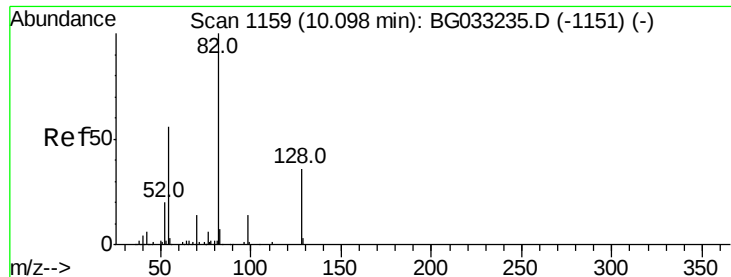
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	10.7	10.3	15.5
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 98.148 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Instrument :

BNA_G

ClientSampleId :

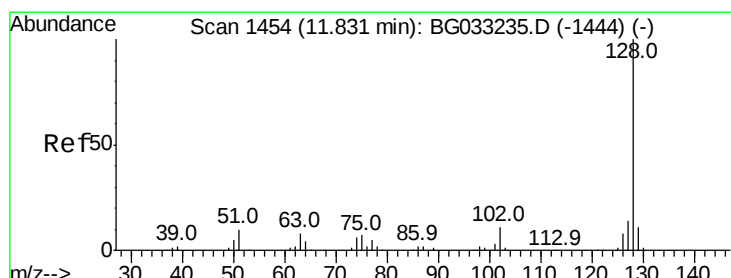
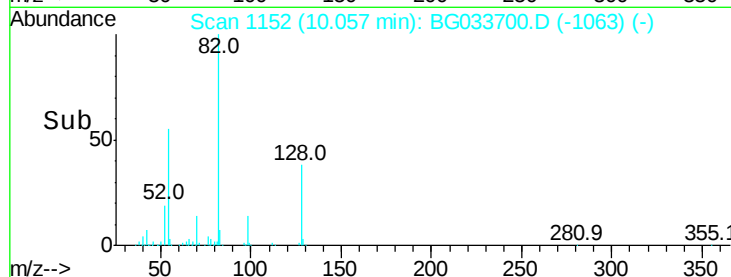
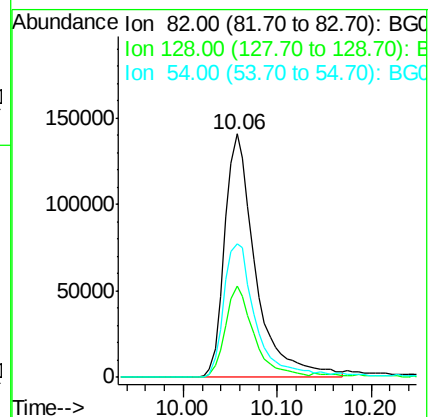
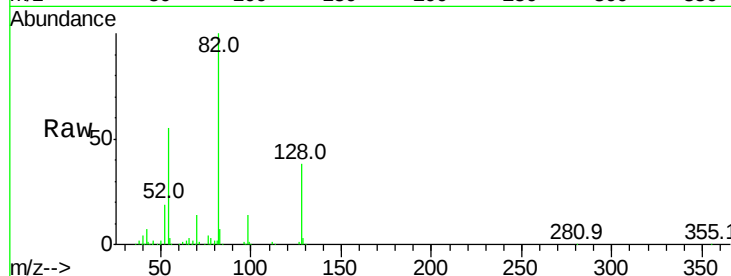
Tot Ion: 82 Resp: 324329

Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

54 54.8 43.1 64.7



#31

Naphthalene

Concen: 2.726 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

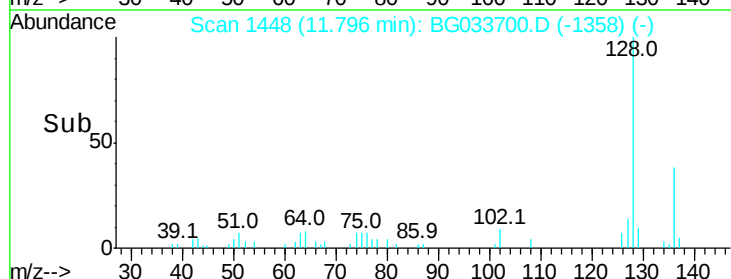
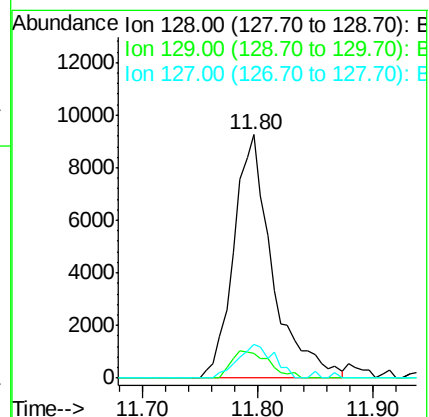
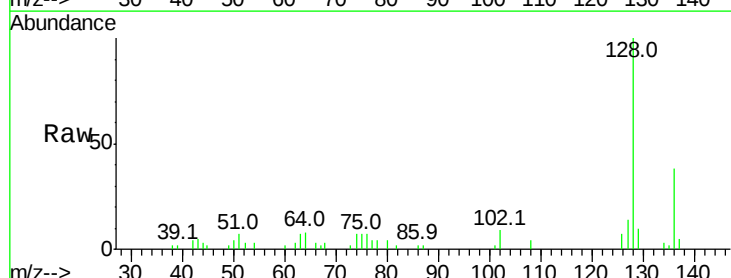
Tgt Ion: 128 Resp: 21447

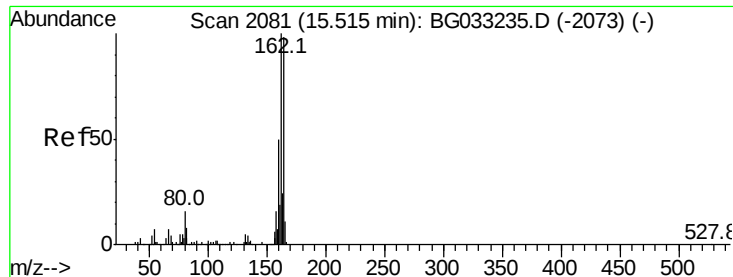
Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 13.9 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Instrument :

BNA_G

ClientSampleId :

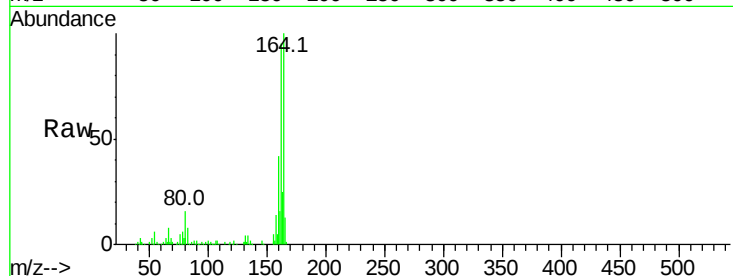
Tot Ion:164 Resp: 112217

Ion Ratio Lower Upper

164 100

162 95.5 78.8 118.2

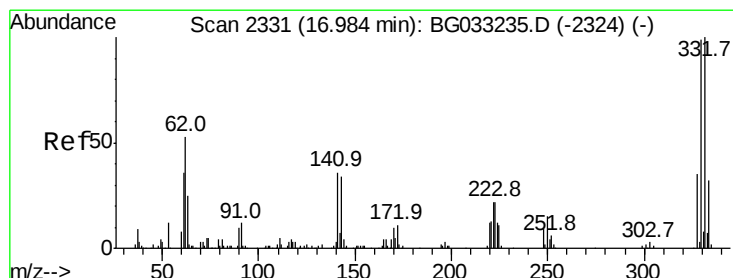
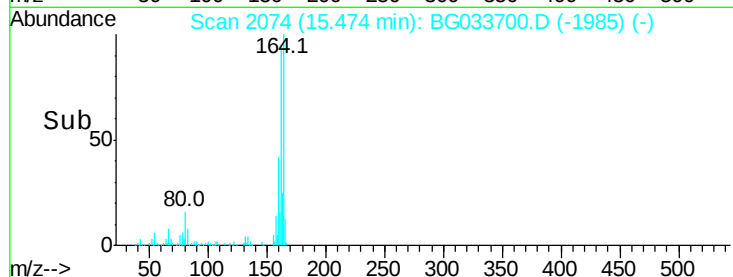
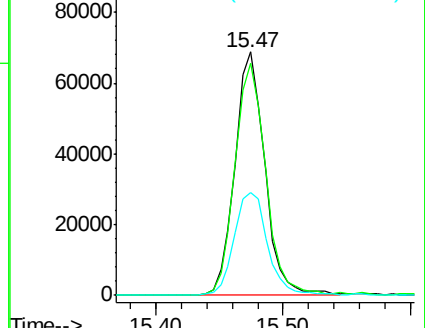
160 42.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 131.688 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

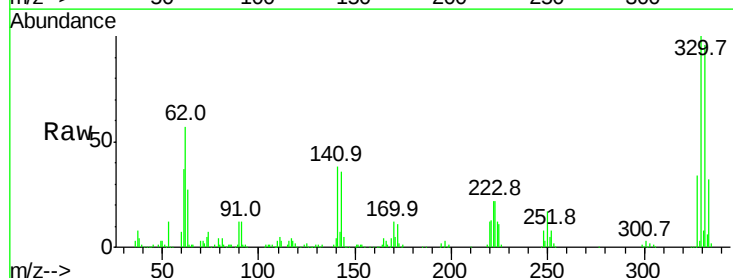
Tgt Ion:330 Resp: 221016

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

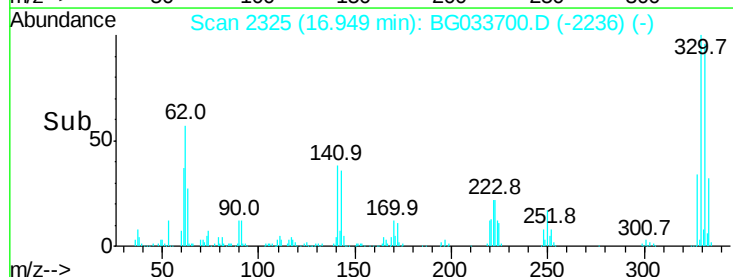
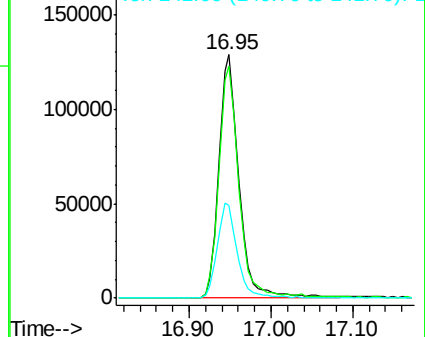
141 38.8 25.2 37.8#

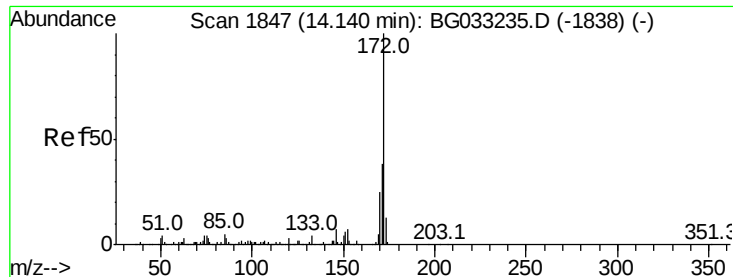


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.148 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Instrument :

BNA_G

ClientSampleId :

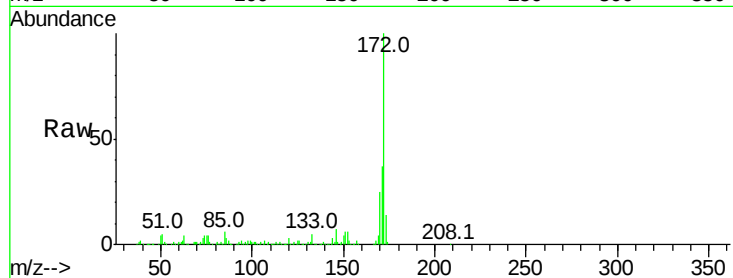
Tot Ion:172 Resp: 747380

Ion Ratio Lower Upper

172 100

171 36.7 30.0 45.0

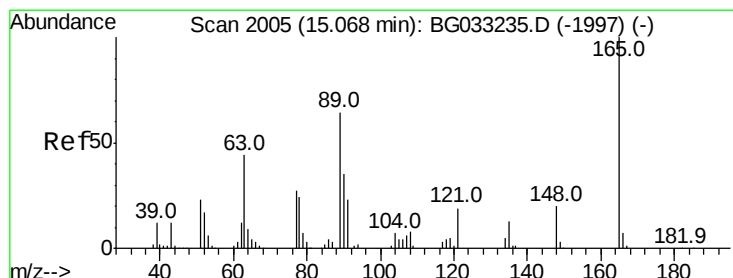
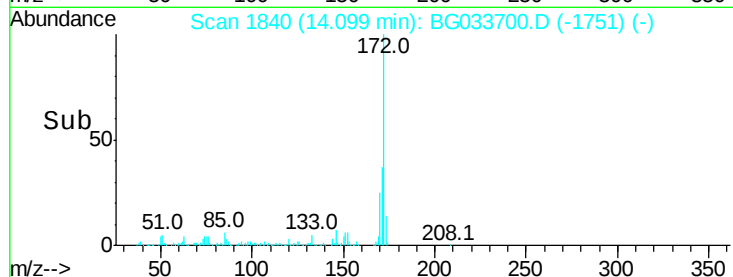
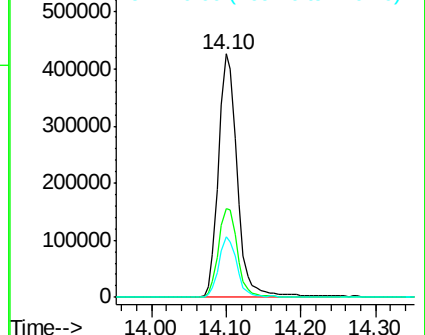
170 24.7 19.5 29.3



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: 7.472 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

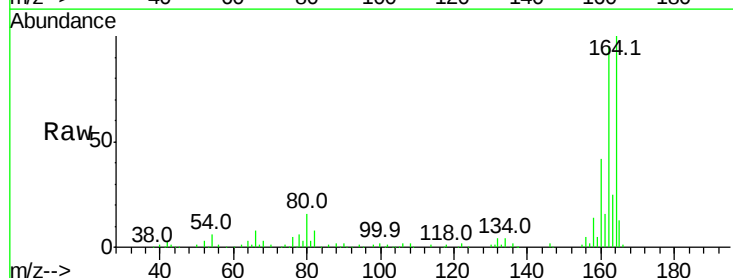
Tgt Ion:165 Resp: 14921

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

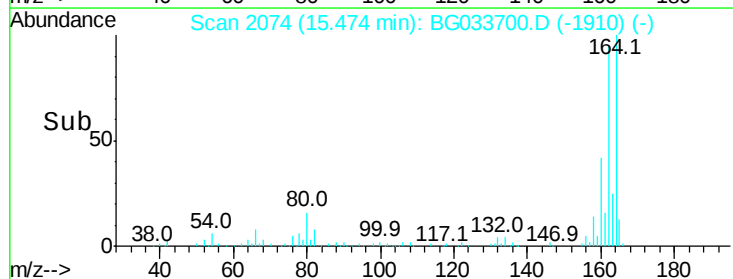
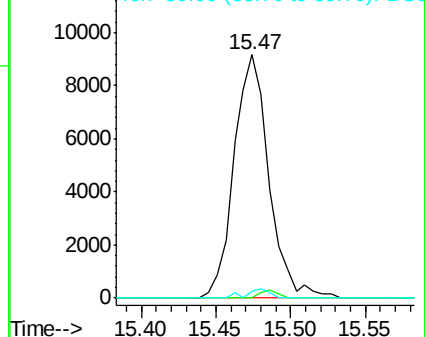
89 2.9 49.2 73.8#

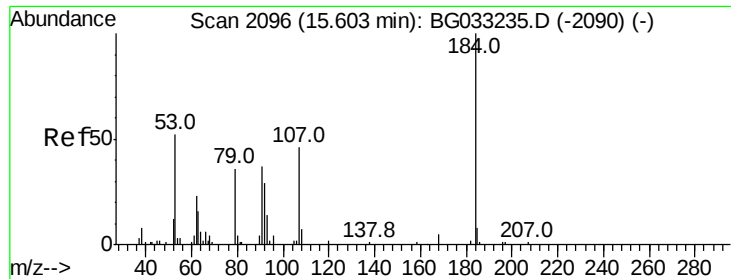


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

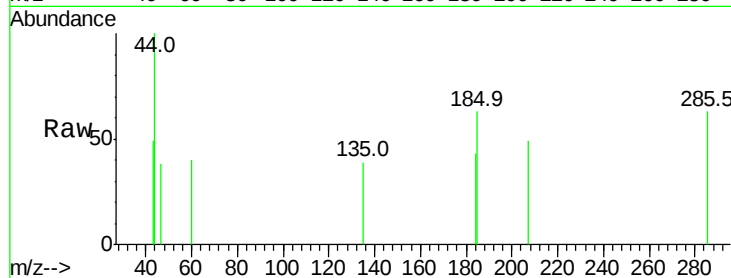




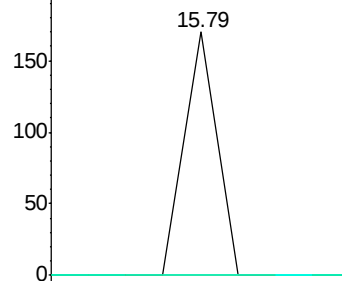
#53
2,4-Dinitrophenol
Concen: 7.695 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.21 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

Instrument :
BNA_G
ClientSampleId :

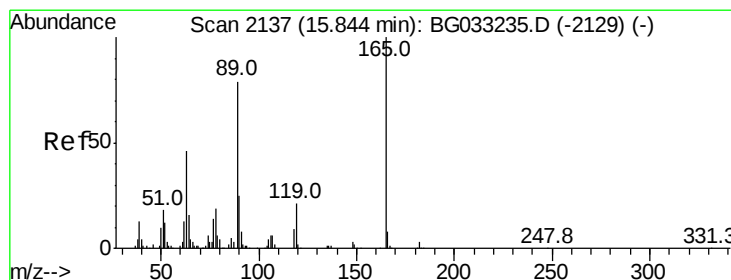
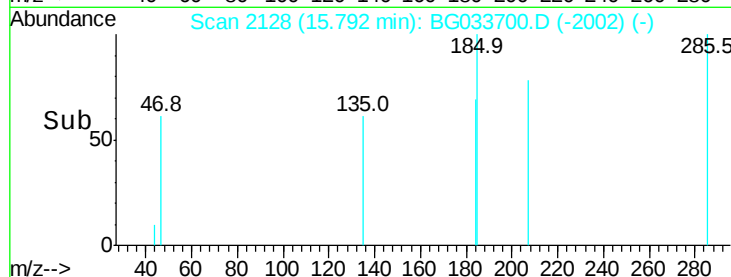
Tot Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



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

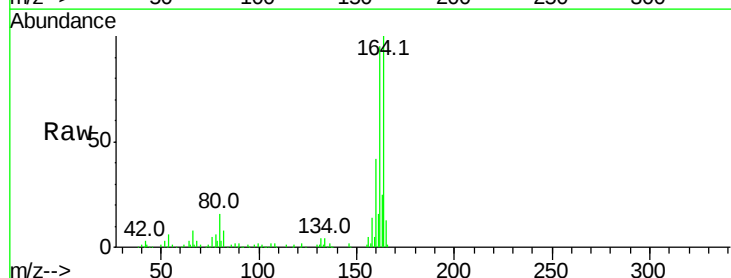


Time-->

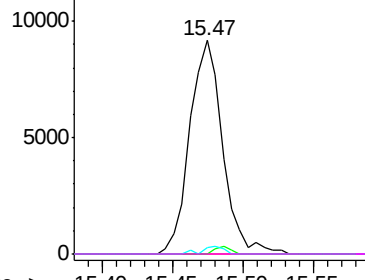


#56
2,4-Dinitrotoluene
Concen: 5.075 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033700.D
Acq: 10 Apr 2018 4:33

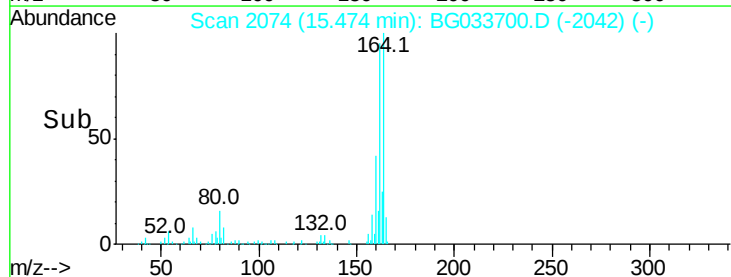
Tgt Ion:165 Resp: 14920
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#

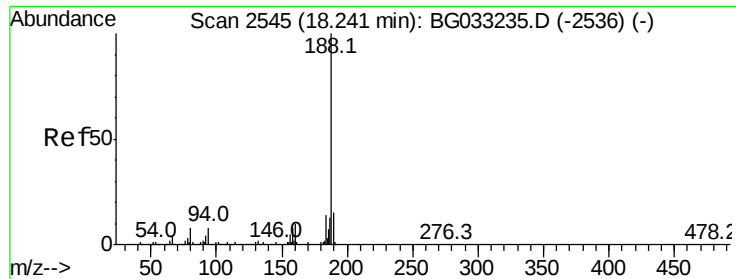


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time-->

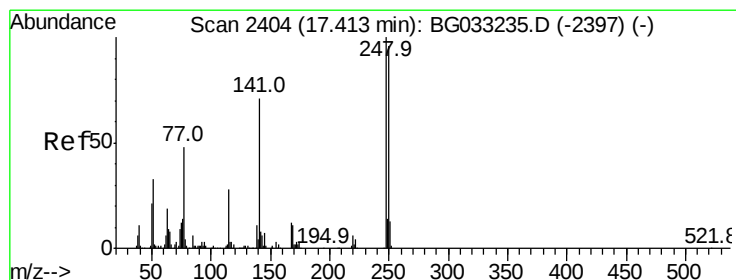
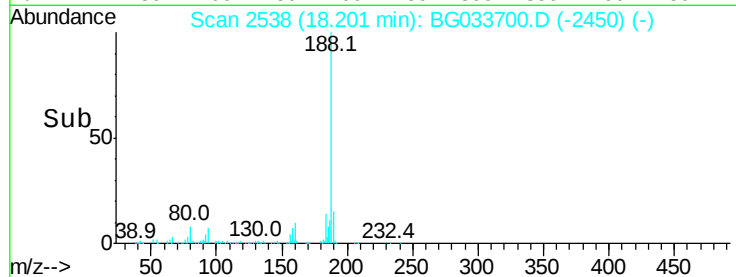
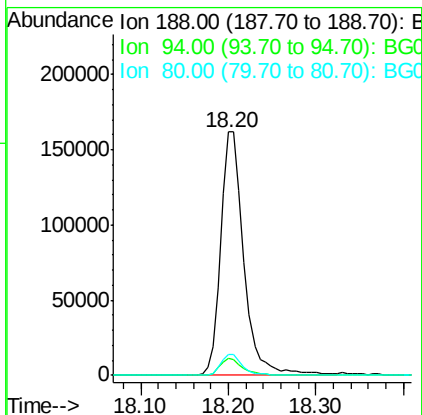
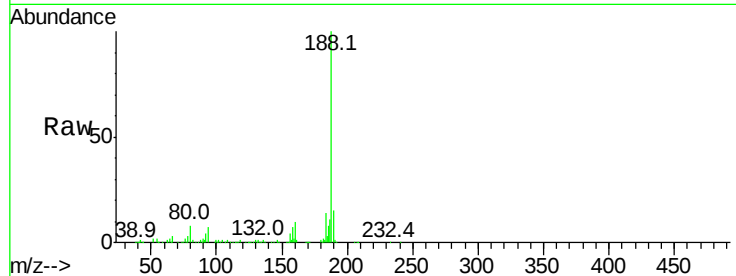




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG033700.D
 Acq: 10 Apr 2018 4:33

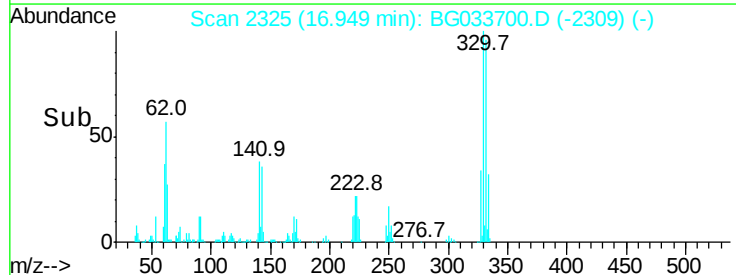
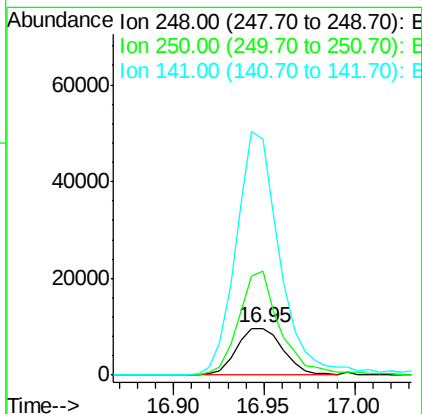
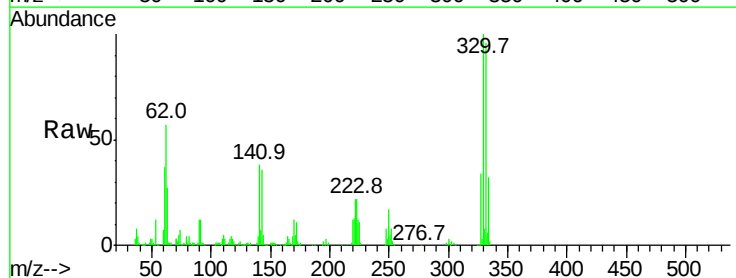
Instrument :
 BNA_G
 ClientSampleId :

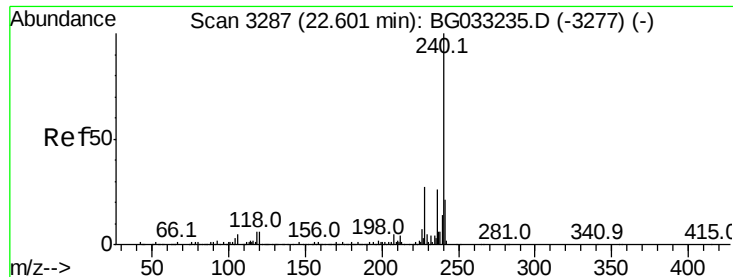
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.4	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.930 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033700.D
 Acq: 10 Apr 2018 4:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	221.3	77.1	115.7#
141	503.5	50.8	76.2#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Instrument :

BNA_G

ClientSampleId :

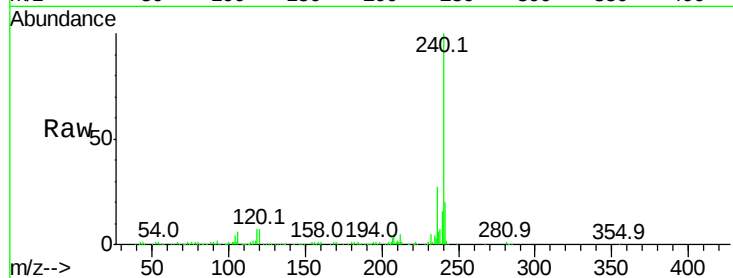
Tot Ion:240 Resp: 303007

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

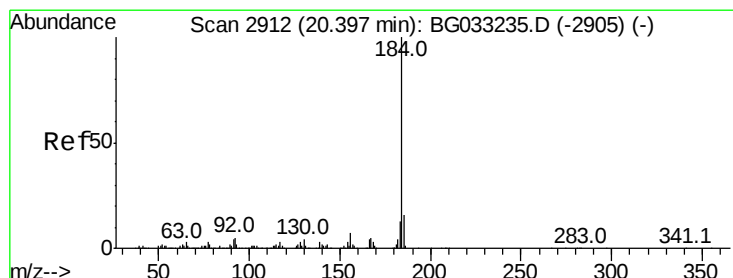
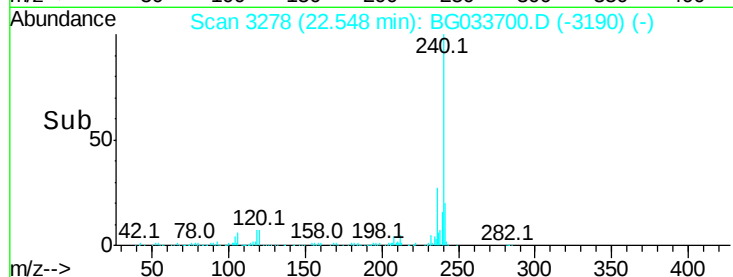
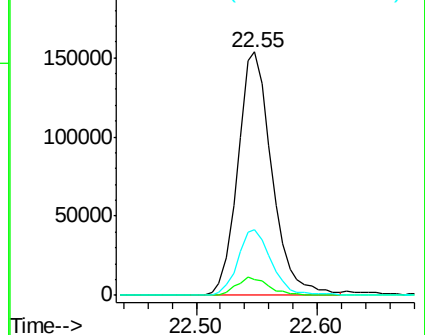
236 27.1 20.9 31.3



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: 2.858 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

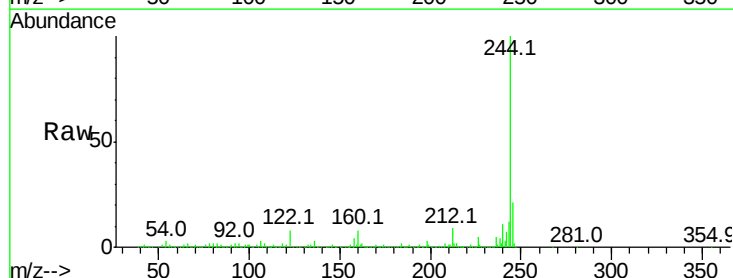
Tgt Ion:184 Resp: 23483

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

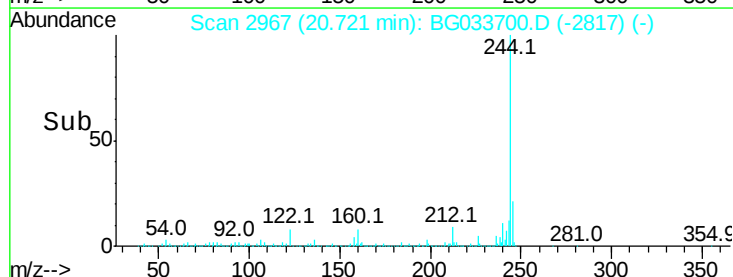
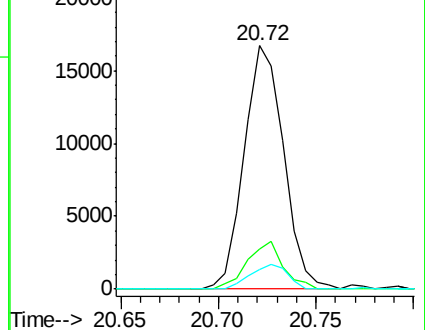
183 7.8 10.6 16.0#

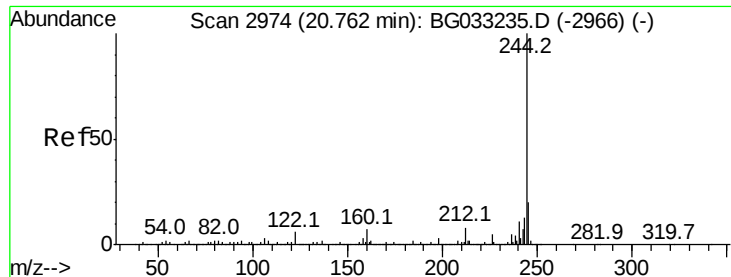


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.109 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

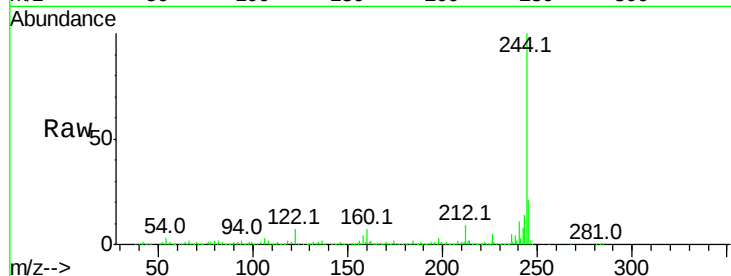
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1432555

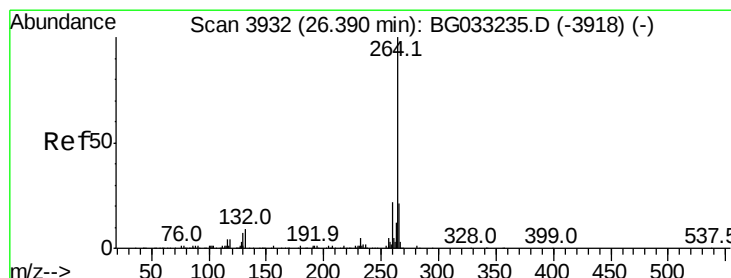
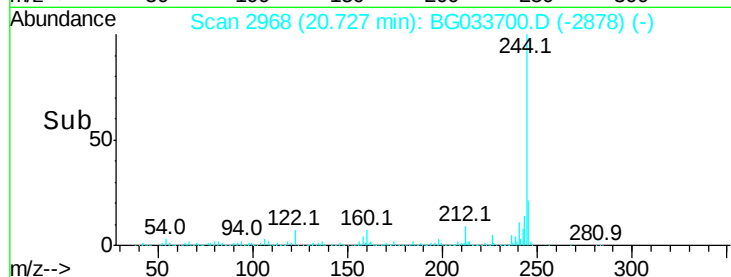
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.0	7.0	10.4



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# 3918

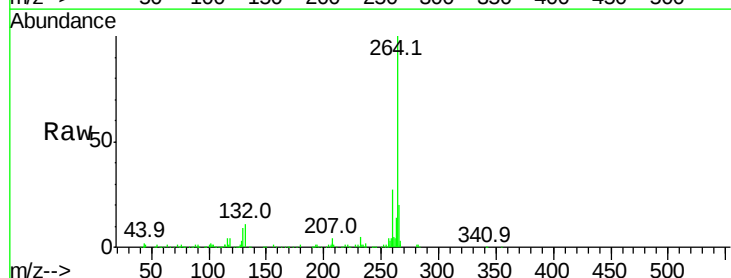
Delta R.T. -0.01 min

Lab File: BG033700.D

Acq: 10 Apr 2018 4:33

Tgt Ion:264 Resp: 314521

Ion	Ratio	Lower	Upper
264	100		
260	26.8	17.4	26.0#
265	20.3	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

