

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033719.D
 Acq On : 10 Apr 2018 18:39
 Operator : SJ/JU
 Sample : J2280-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 03:17:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

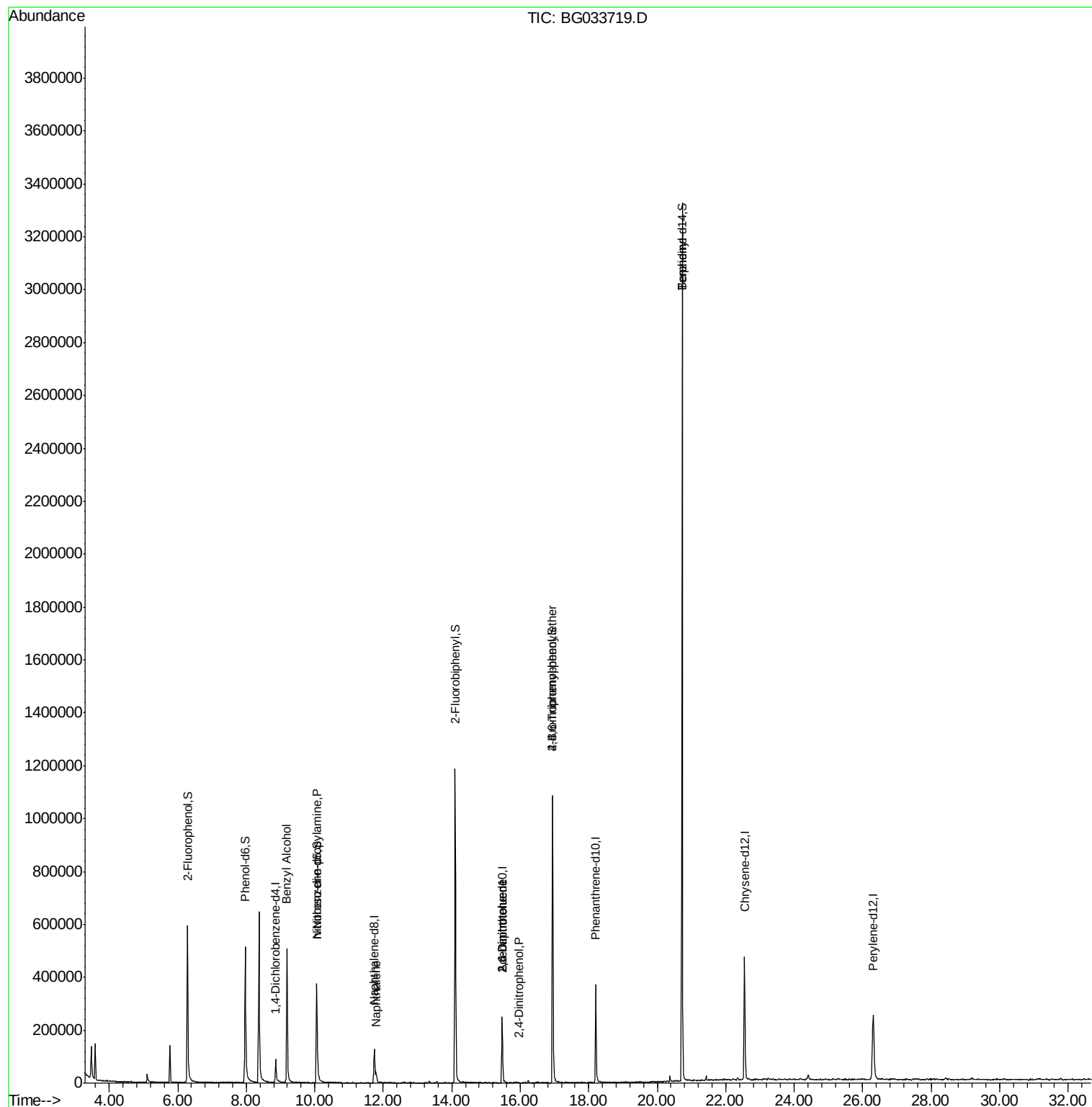
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32517	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128664	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93672	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	275482	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333870	20.00	ng	0.00
86) Perylene-d12	26.30	264	346608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	284111	163.84	ng	0.00
7) Phenol-d6	7.96	99	369315	123.95	ng	0.00
23) Nitrobenzene-d5	10.06	82	286696	102.38	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	227504	162.39	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	660813	101.84	ng	0.00
78) Terphenyl-d14	20.73	244	1626331	104.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5355	2.283	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	40321	18.468	ng	# 81
31) Naphthalene	11.79	128	35863	5.379	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	11956	7.173	ng	# 20
53) 2,4-Dinitrophenol	15.95	184	54	7.699	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	11956	4.871	ng	# 18
66) 4-Bromophenyl-phenylether	16.94	248	18475	5.710	ng	# 1
76) Benzidine	20.73	184	28768	3.177	ng	# 93

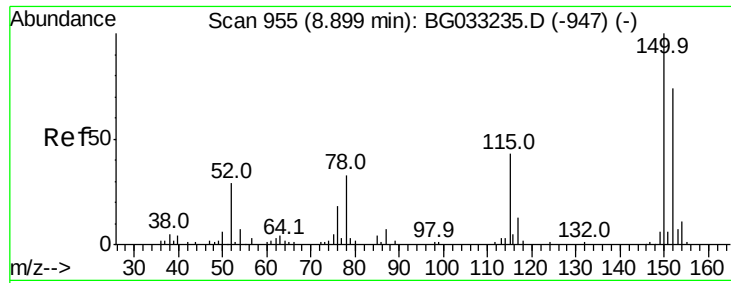
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033719.D
Acq On : 10 Apr 2018 18:39
Operator : SJ/JU
Sample : J2280-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 11 03:17:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration



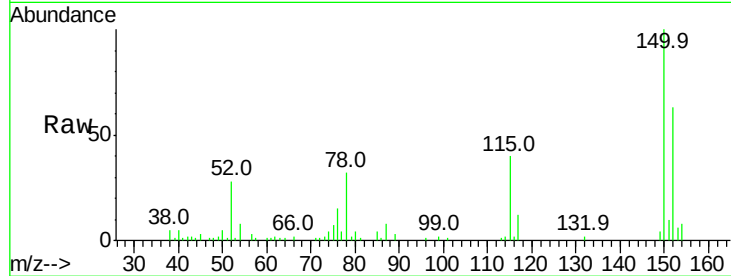


#1

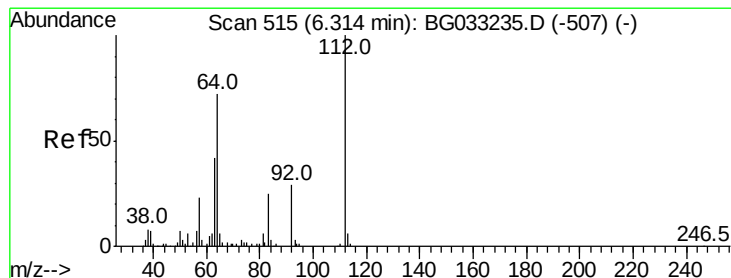
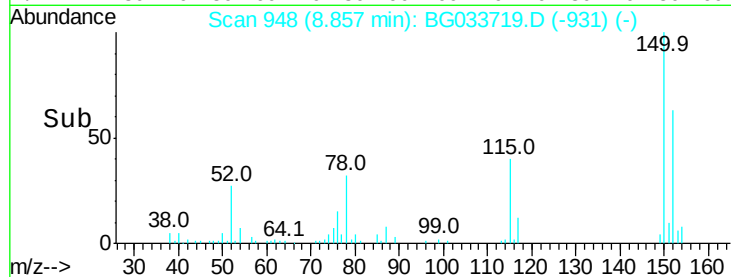
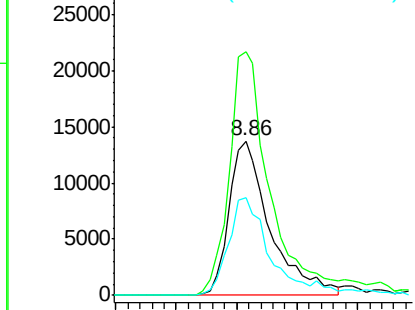
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	63.6	53.0	79.4



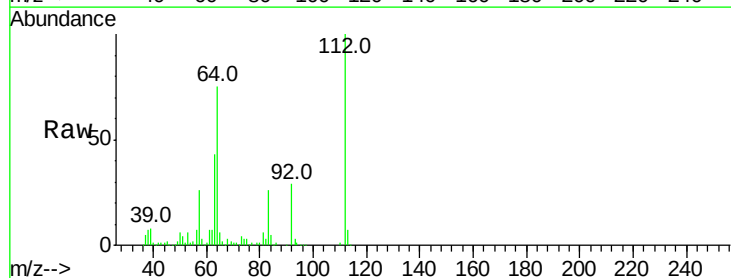
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



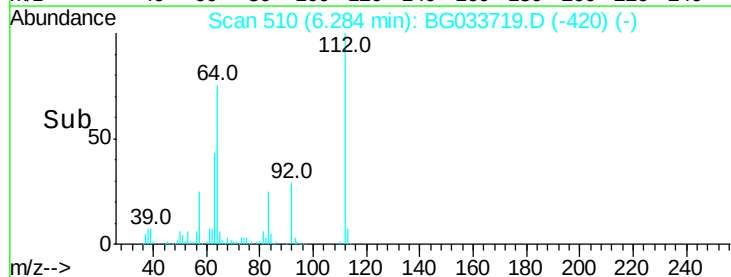
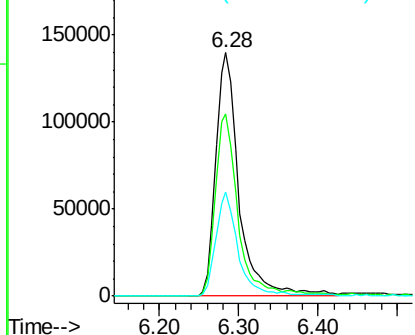
#5

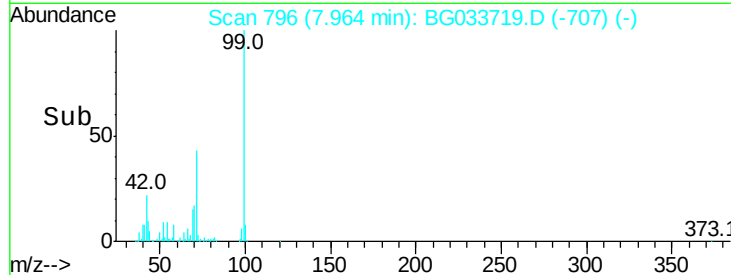
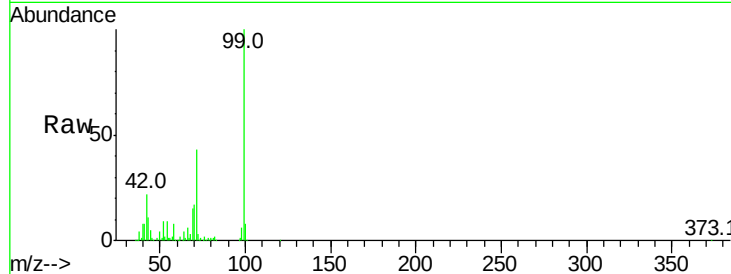
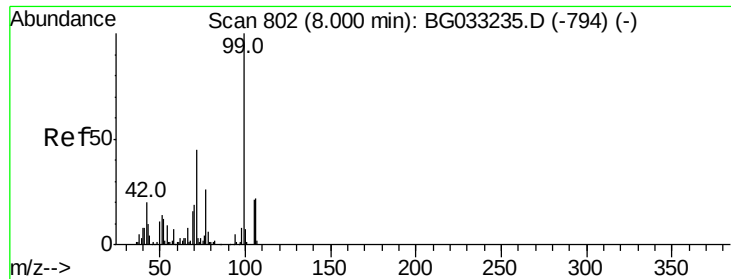
2-Fluorophenol
Concen: 163.835 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	42.9	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: 123.948 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

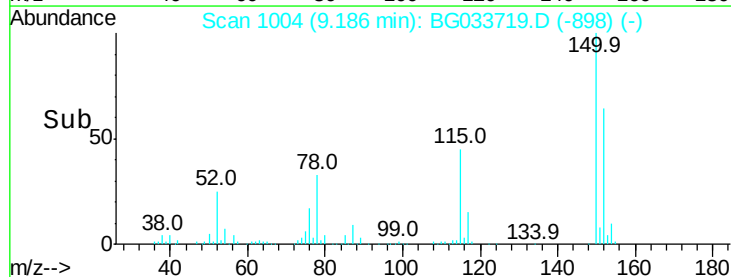
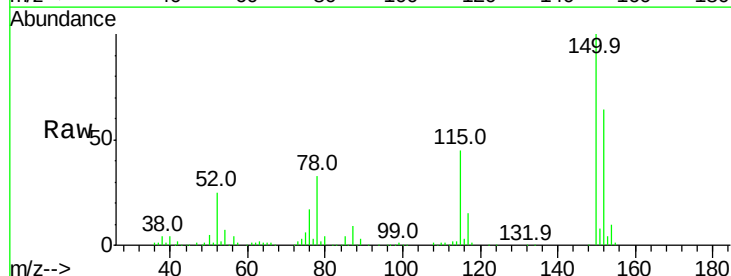
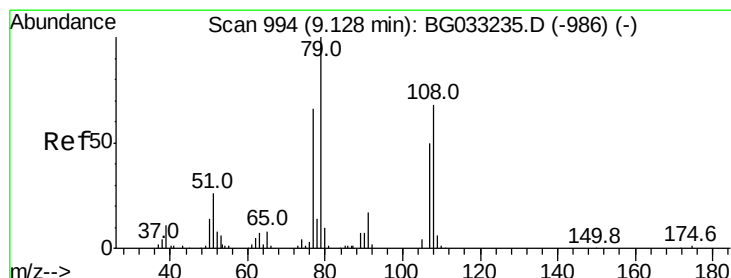
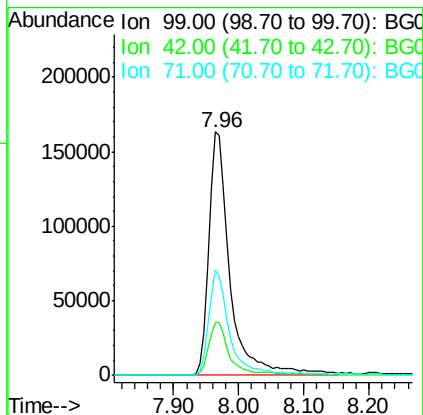
Tot Ion: 99 Resp: 369315

Ion Ratio Lower Upper

99 100

42 21.8 14.1 21.1#

71 43.4 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.283 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

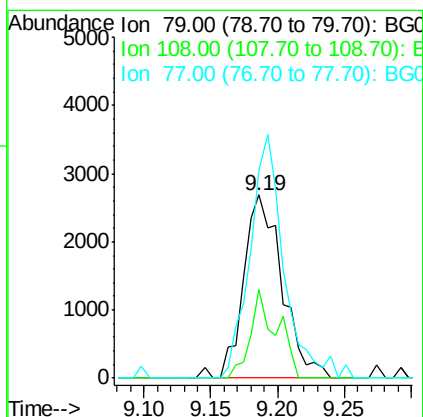
Tgt Ion: 79 Resp: 5355

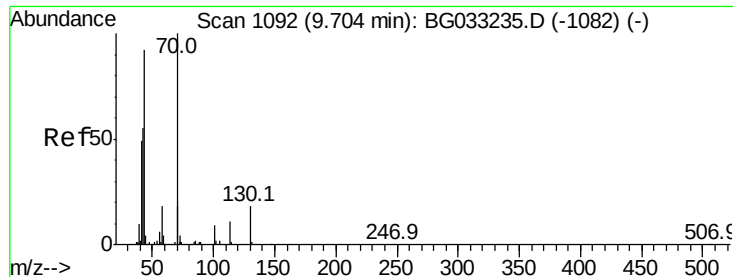
Ion Ratio Lower Upper

79 100

108 48.6 57.2 85.8#

77 113.7 46.1 69.1#

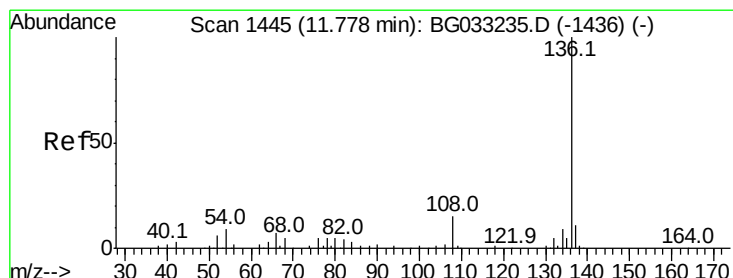
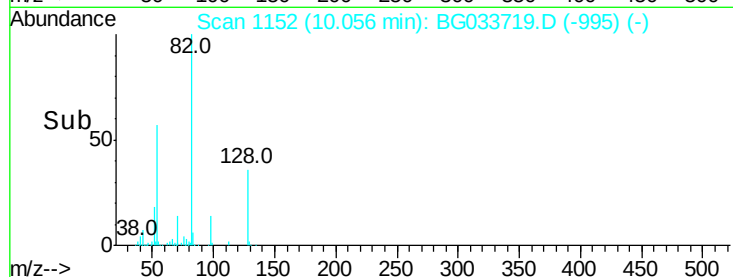
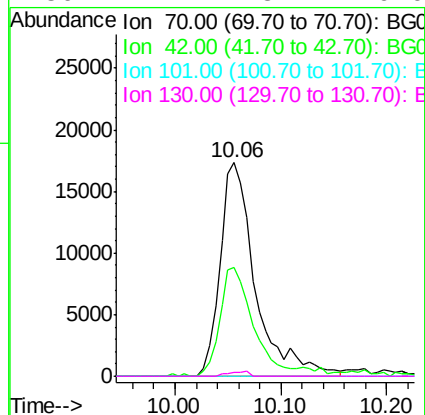
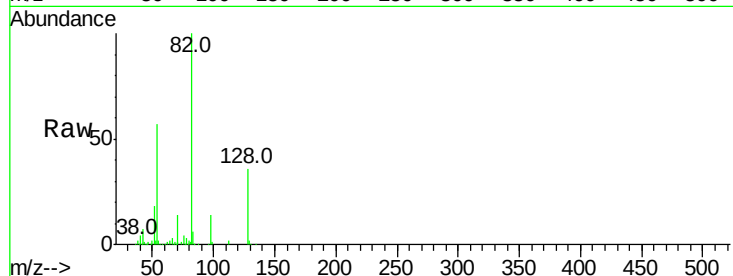




#19
n-Nitroso-di-n-propylamine
Concen: 18.468 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

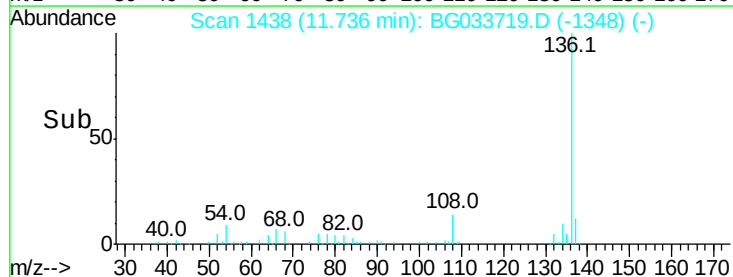
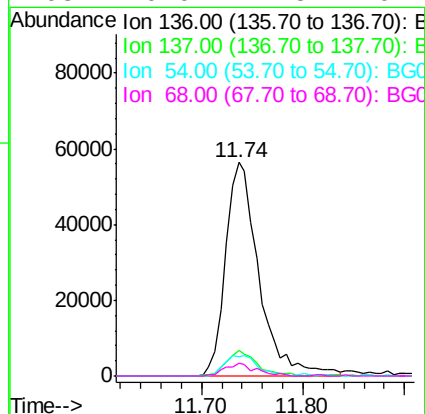
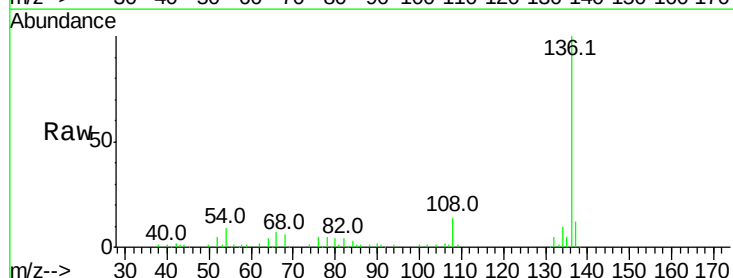
Instrument :
BNA_G
ClientSampleId :

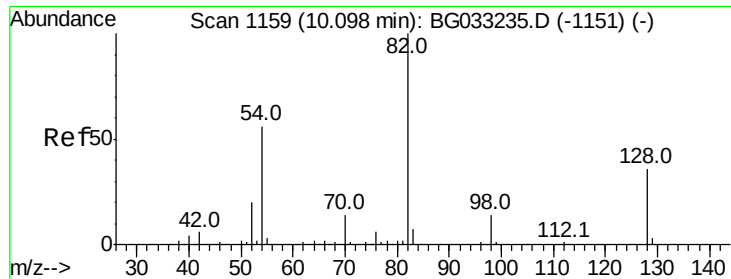
Tot Ion: 70 Resp: 40321
Ion Ratio Lower Upper
70 100
42 50.7 49.1 73.7
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Tgt Ion: 136 Resp: 128664
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.1 10.3 15.5#
68 6.0 4.5 6.7

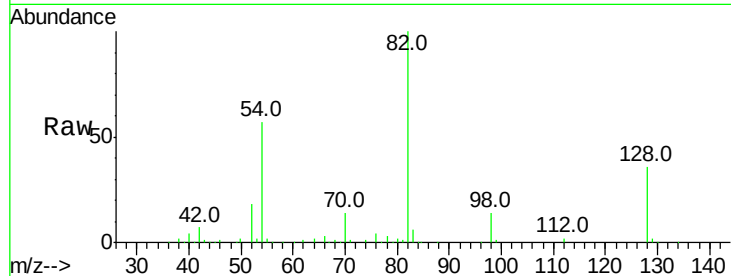




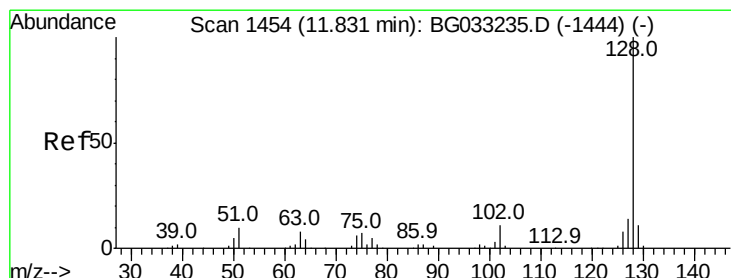
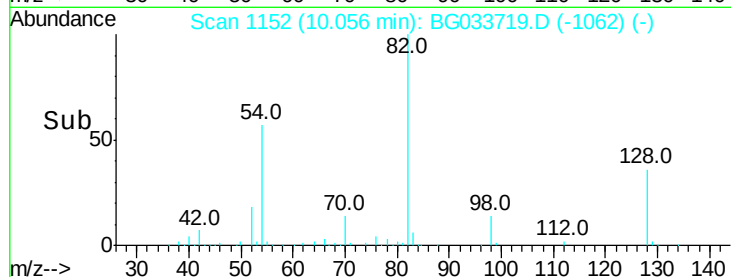
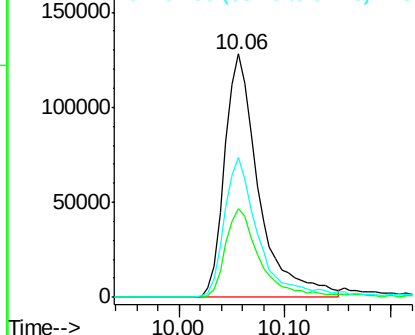
#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 286696
Ion Ratio Lower Upper
82 100
128 36.2 29.7 44.5
54 57.3 43.1 64.7

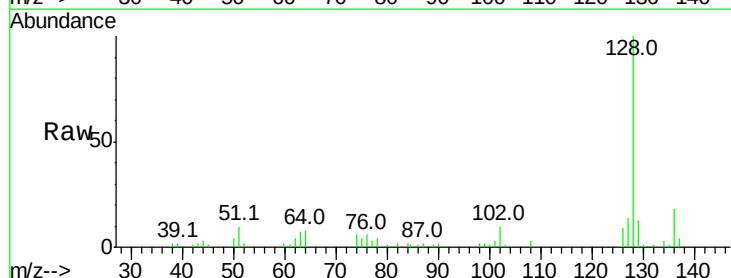


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

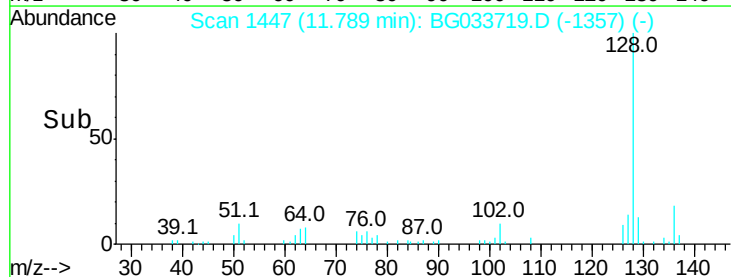
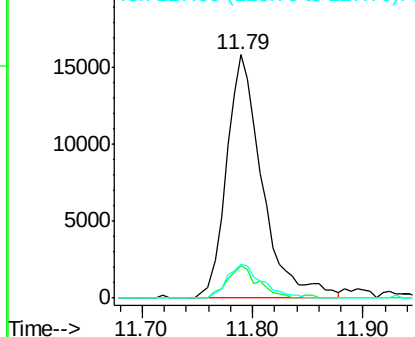


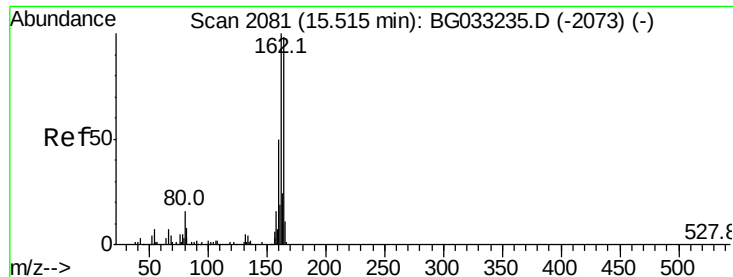
#31
Naphthalene
Concen: 5.379 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033719.D
Acq: 10 Apr 2018 18:39

Tgt Ion: 128 Resp: 35863
Ion Ratio Lower Upper
128 100
129 13.5 8.6 12.8#
127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

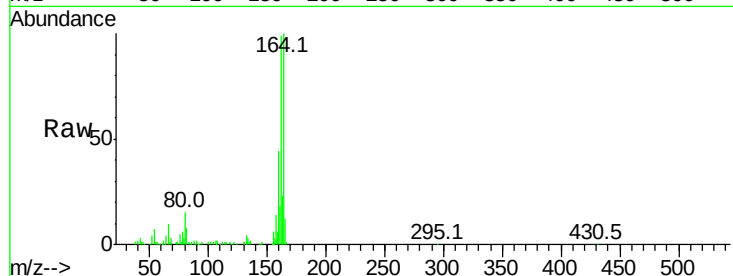
Tot Ion:164 Resp: 93672

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

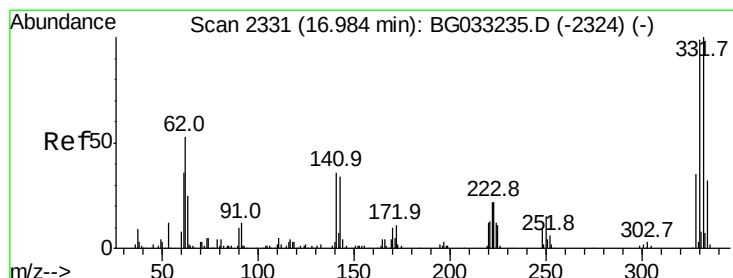
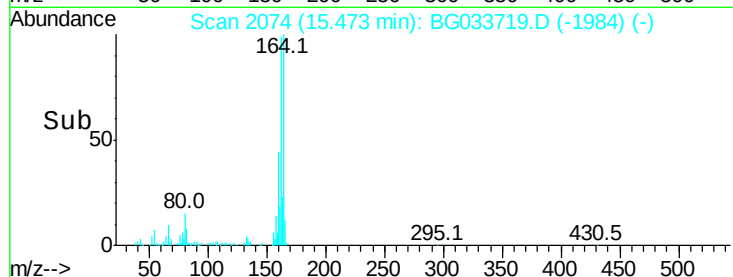
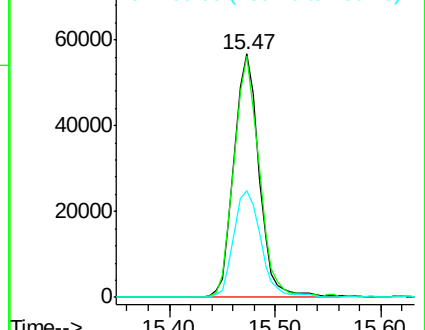
160 43.6 35.4 53.0



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: 162.390 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

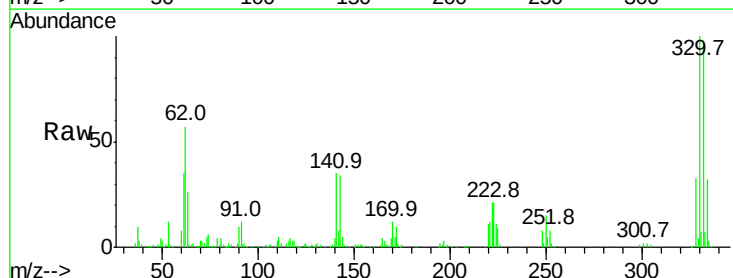
Tgt Ion:330 Resp: 227504

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

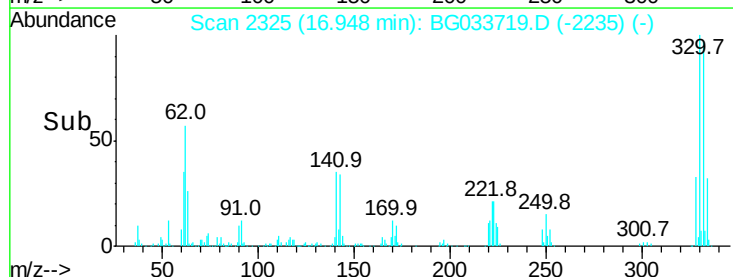
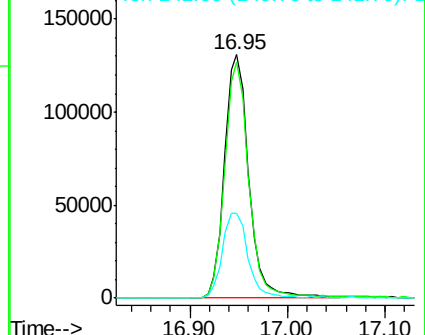
141 36.6 25.2 37.8

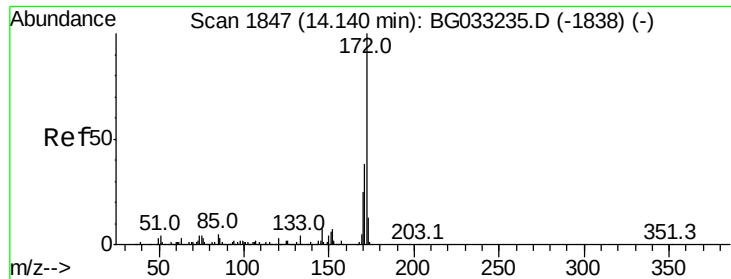


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.842 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

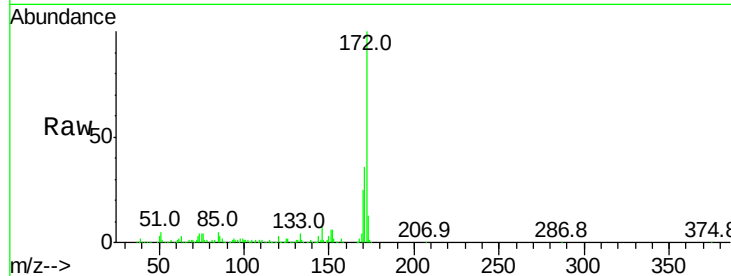
Tot Ion:172 Resp: 660813

Ion Ratio Lower Upper

172 100

171 36.4 30.0 45.0

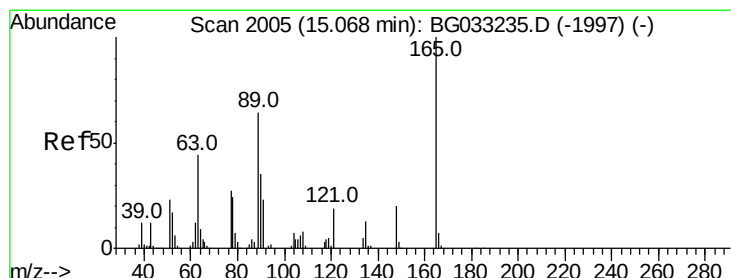
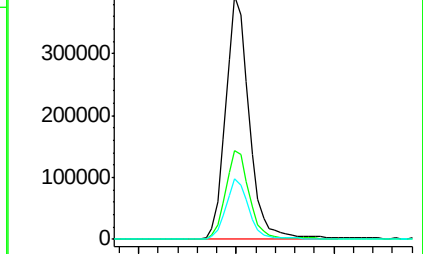
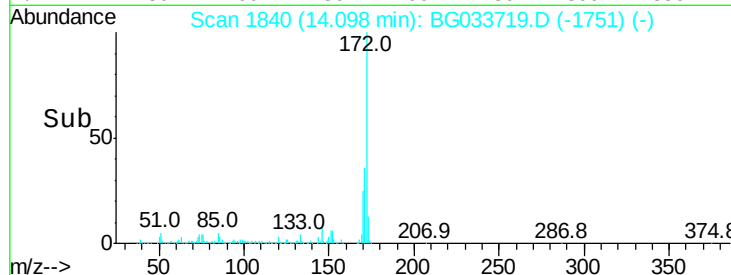
170 24.8 19.5 29.3



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: 7.173 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

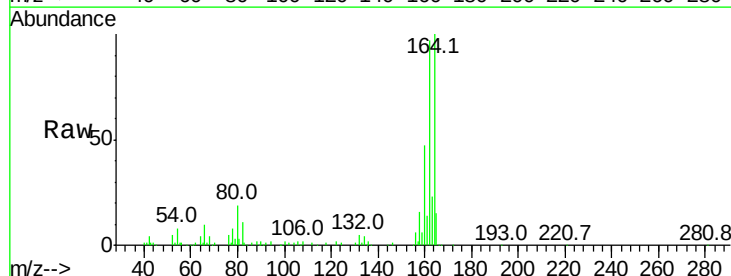
Tgt Ion:165 Resp: 11956

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

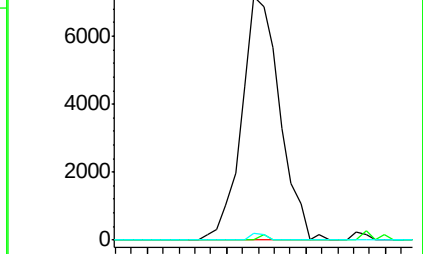
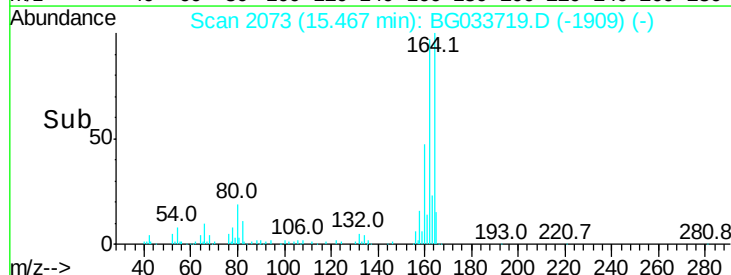
89 3.0 49.2 73.8#

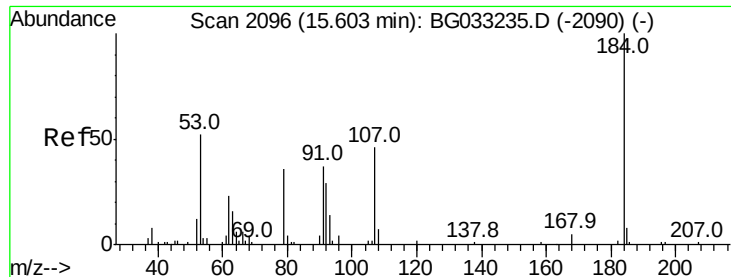


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

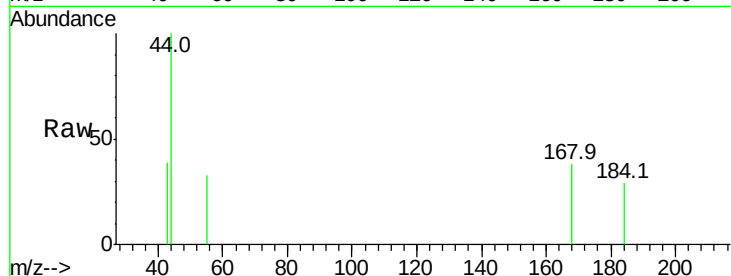




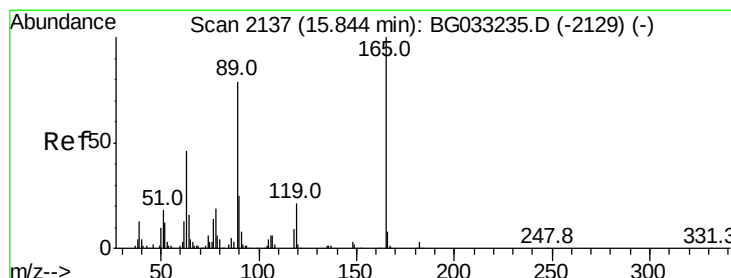
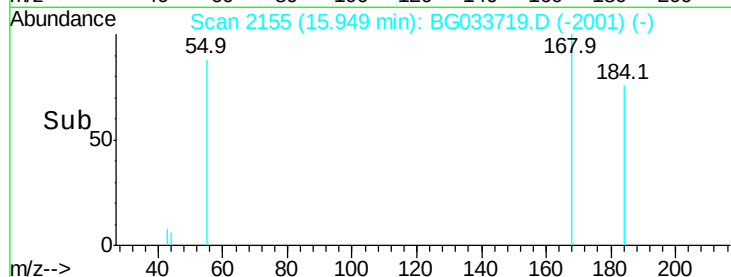
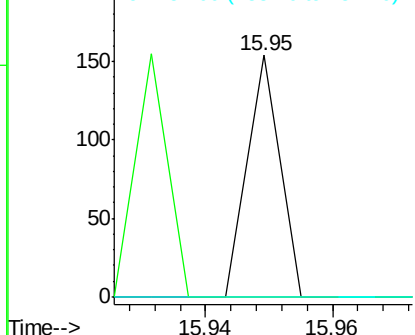
#53
 2,4-Dinitrophenol
 Concen: 7.699 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. 0.38 min
 Lab File: BG033719.D
 Acq: 10 Apr 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

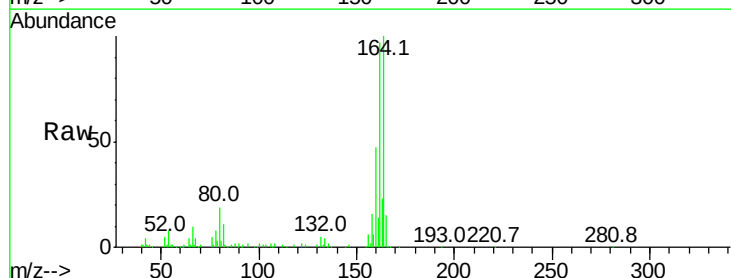


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

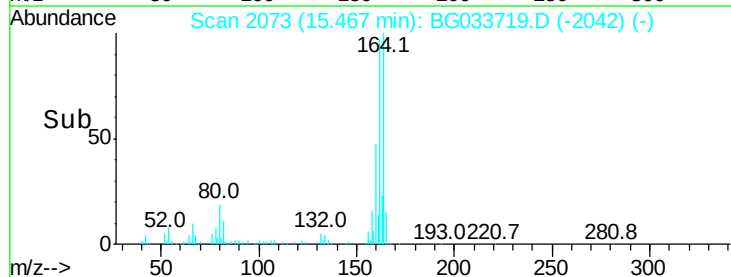
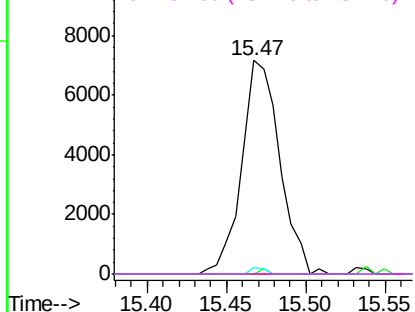


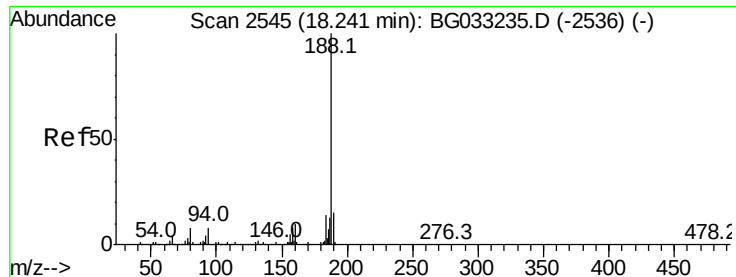
#56
 2,4-Dinitrotoluene
 Concen: 4.871 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033719.D
 Acq: 10 Apr 2018 18:39

Tgt Ion:165 Resp: 11956
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.0 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): BG
 Ion 89.00 (88.70 to 89.70): BG
 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: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

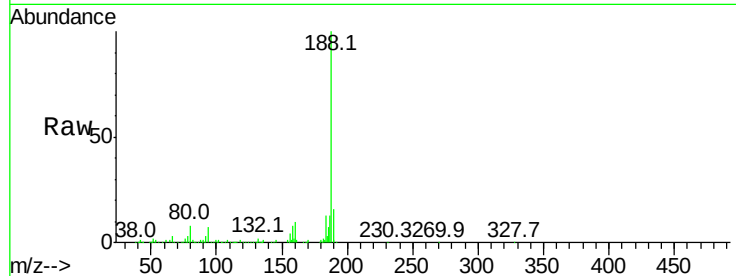
Tot Ion:188 Resp: 275482

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

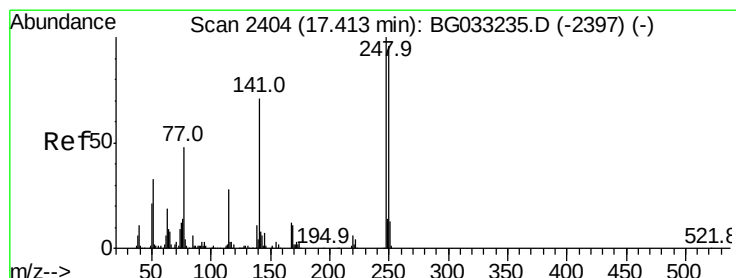
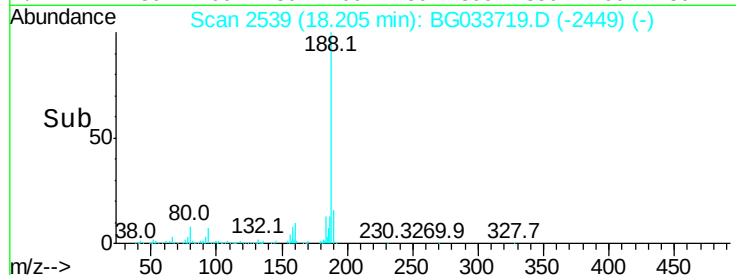
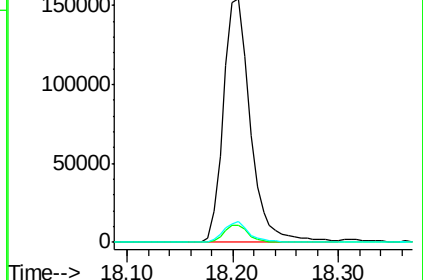
80 8.3 7.7 11.5



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: 5.710 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

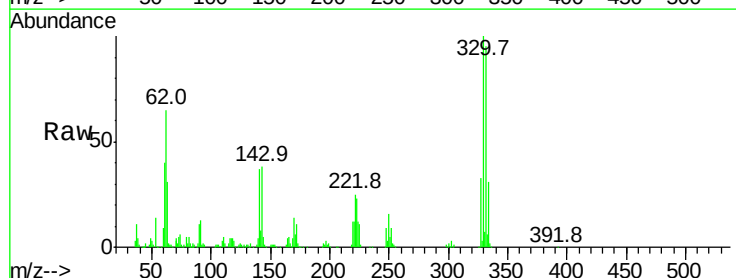
Tgt Ion:248 Resp: 18475

Ion Ratio Lower Upper

248 100

250 173.5 77.1 115.7#

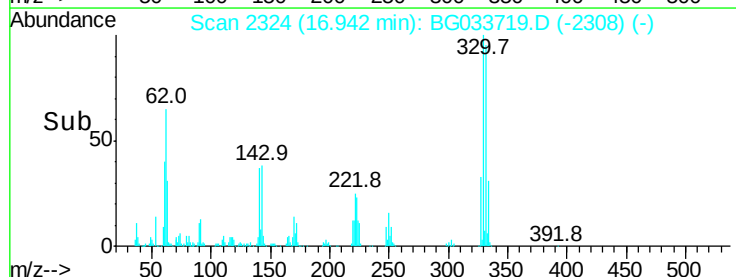
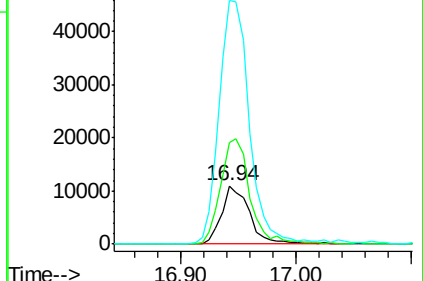
141 416.7 50.8 76.2#

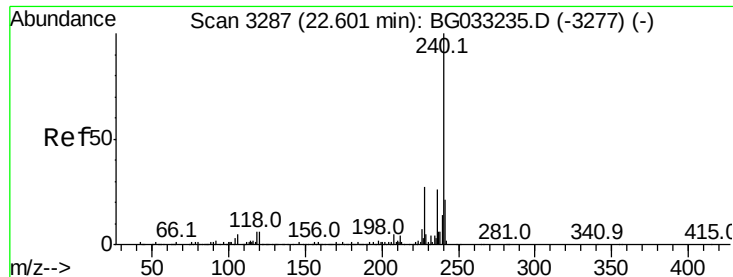


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

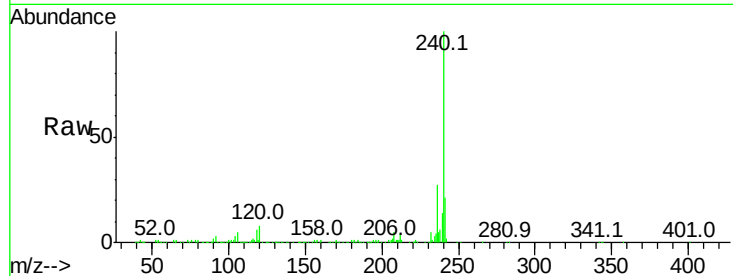
Tot Ion:240 Resp: 333870

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

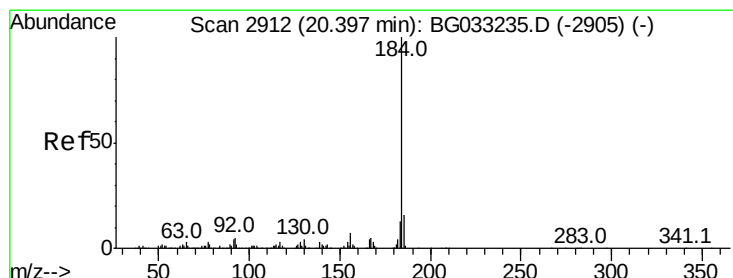
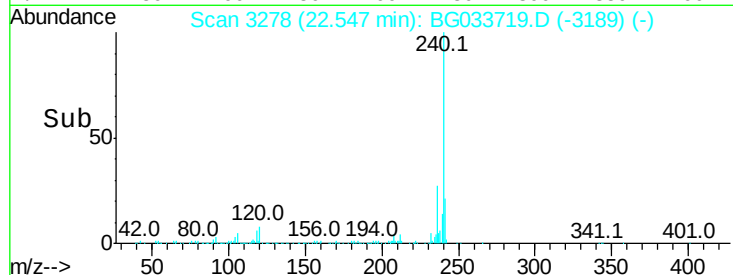
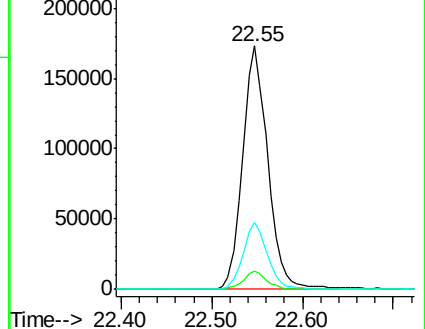
236 27.3 20.9 31.3



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: 3.177 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

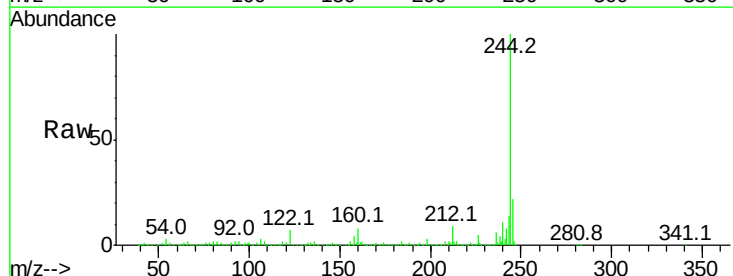
Tgt Ion:184 Resp: 28768

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

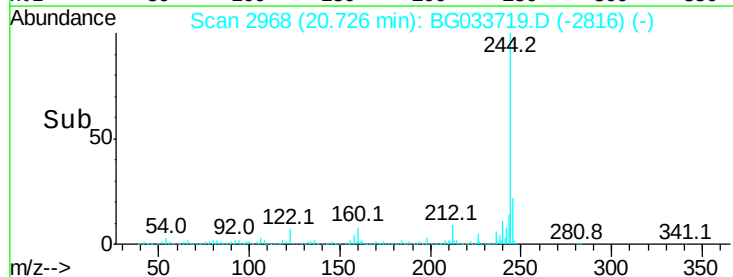
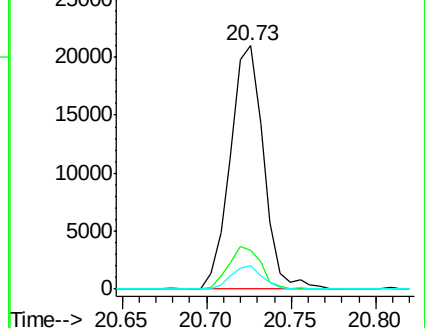
183 9.8 10.6 16.0#

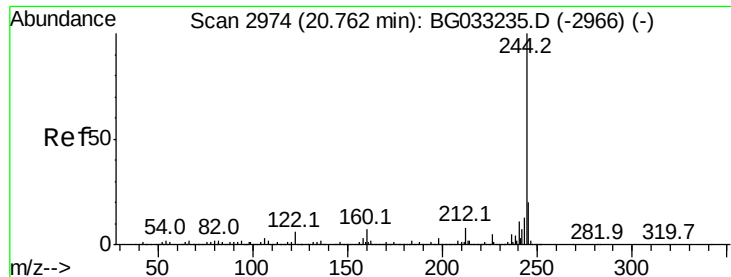


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.175 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

Instrument :

BNA_G

ClientSampleId :

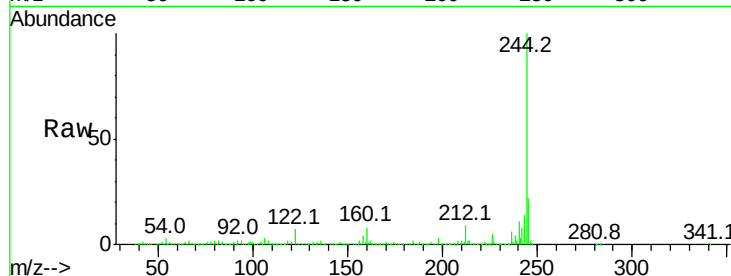
Tot Ion:244 Resp: 1626331

Ion Ratio Lower Upper

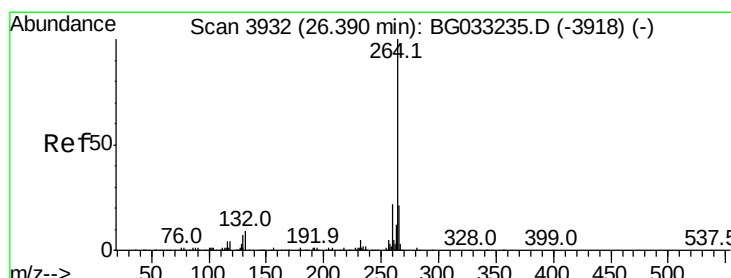
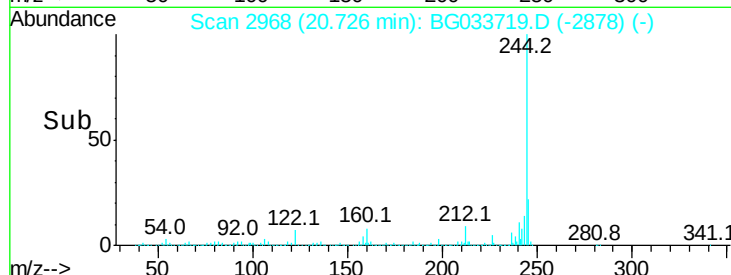
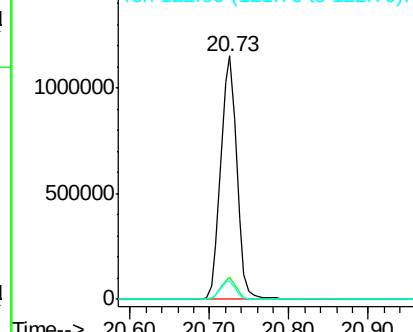
244 100

212 9.0 5.8 8.8#

122 7.4 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: 26.30 min Scan# 3917

Delta R.T. -0.01 min

Lab File: BG033719.D

Acq: 10 Apr 2018 18:39

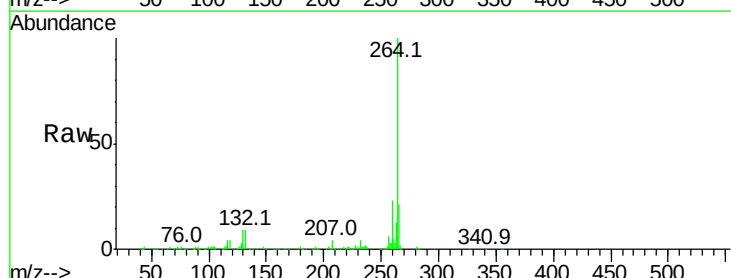
Tgt Ion:264 Resp: 346608

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.7 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

