

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033797.D
 Acq On : 13 Apr 2018 15:33
 Operator : SJ/JU
 Sample : J2152-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:49:06 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

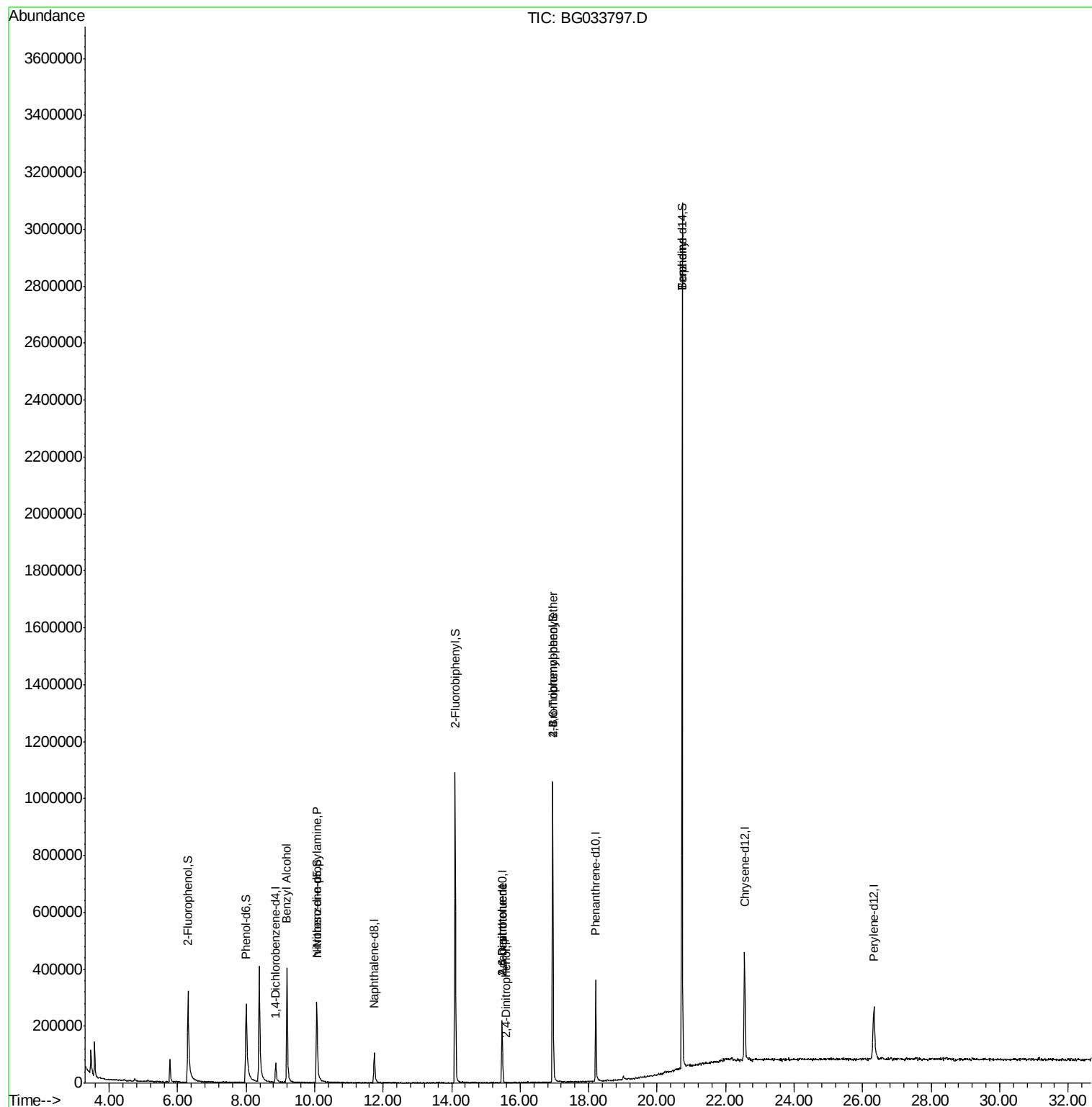
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25708	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110408	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	84757	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	256465	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282772	20.00	ng	0.00
86) Perylene-d12	26.32	264	219763	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	227648	166.04	ng	0.02
7) Phenol-d6	8.00	99	292271	124.07	ng	0.03
23) Nitrobenzene-d5	10.06	82	247337	102.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215969	170.37	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	628746	107.09	ng	0.00
78) Terphenyl-d14	20.73	244	1533631	115.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4388	2.366	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	33756	19.556	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	10784	7.150	ng	# 18
53) 2,4-Dinitrophenol	15.58	184	80	7.736	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	10784	4.856	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16409	5.448	ng	# 1
76) Benizidine	20.73	184	26660	3.477	ng	# 96

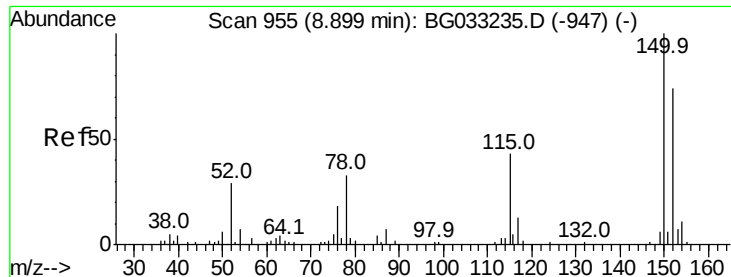
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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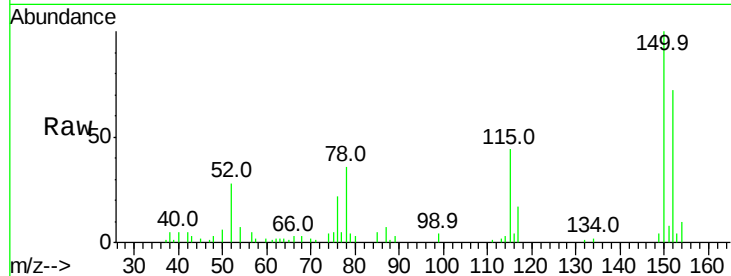


#1

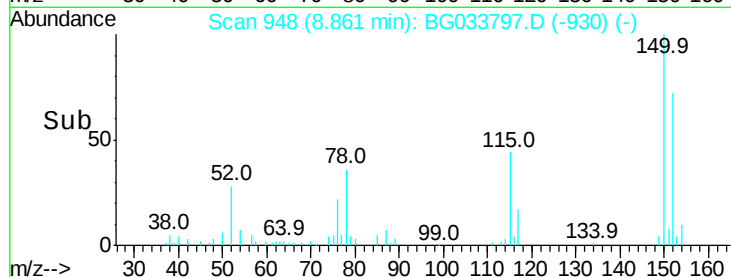
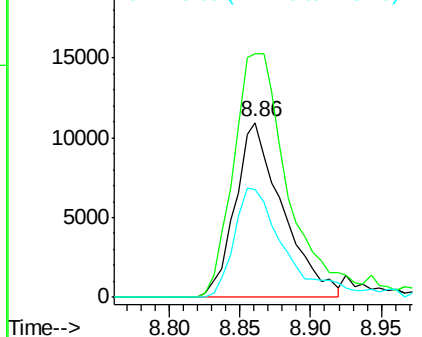
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25708
Ion Ratio Lower Upper
152 100
150 139.1 126.6 189.8
115 61.5 53.0 79.4



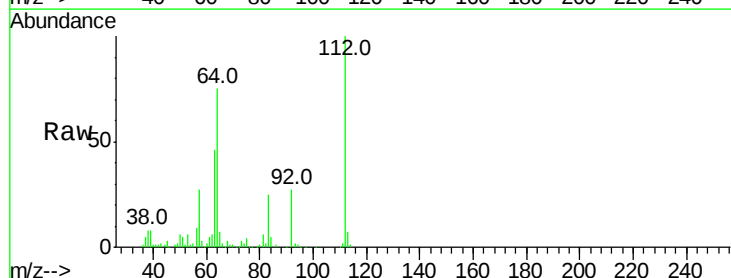
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



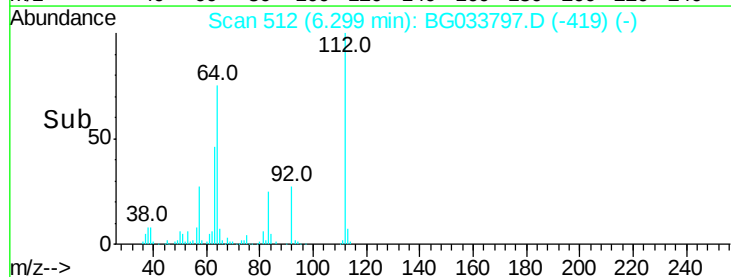
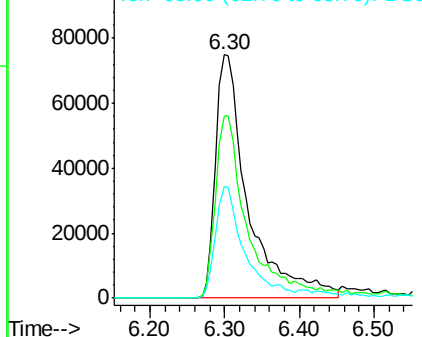
#5

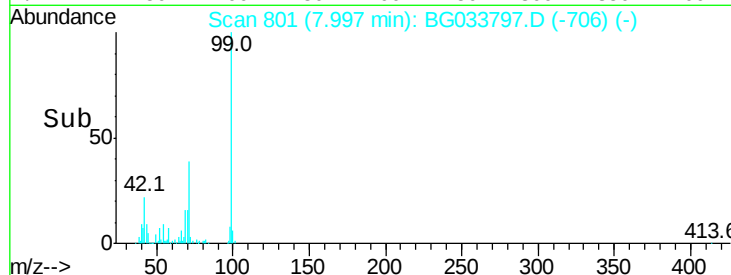
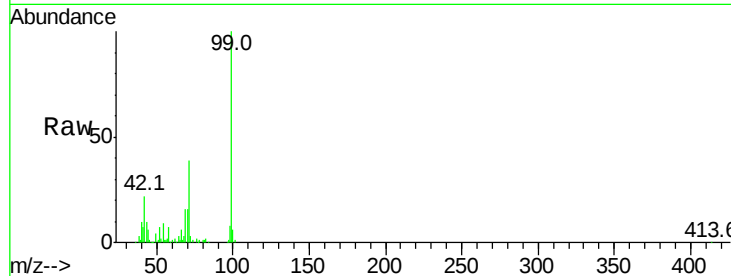
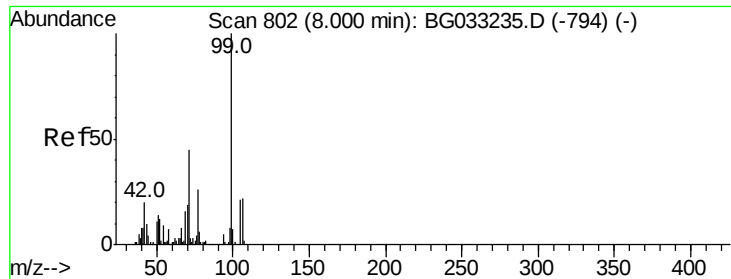
2-Fluorophenol
Concen: 166.045 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.02 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

Tgt Ion:112 Resp: 227648
Ion Ratio Lower Upper
112 100
64 74.8 56.3 84.5
63 46.1 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: 124.071 ng

RT: 8.00 min Scan# 801

Delta R.T. 0.03 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

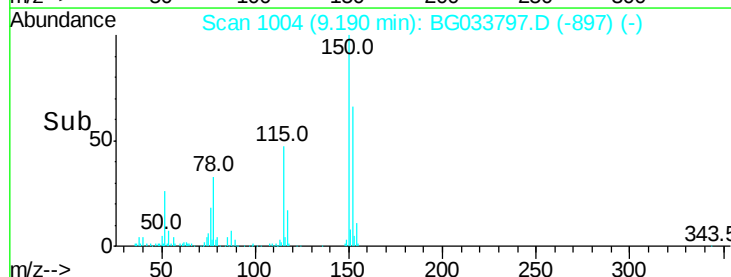
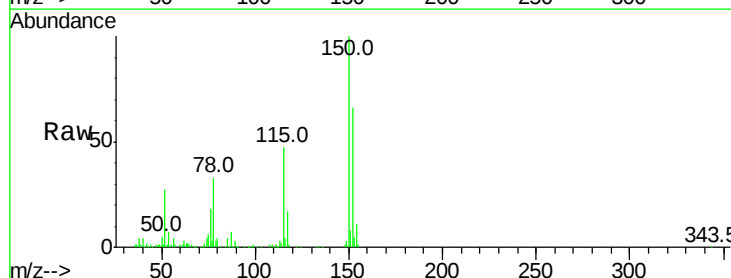
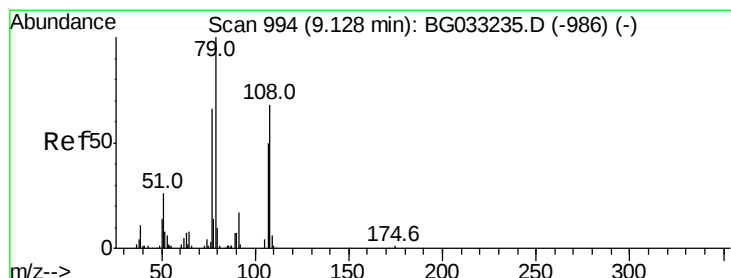
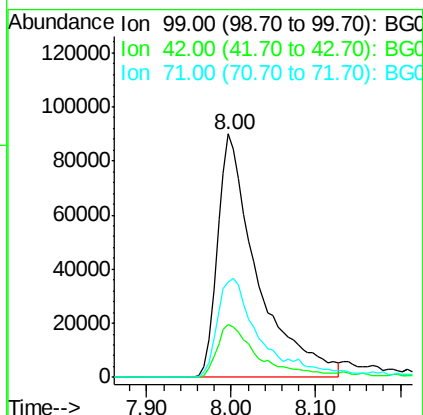
Tot Ion: 99 Resp: 292271

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 39.0 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.366 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

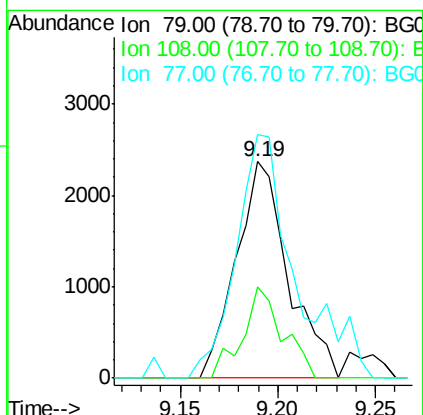
Tgt Ion: 79 Resp: 4388

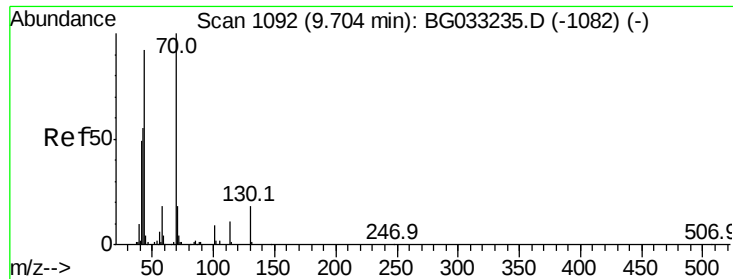
Ion Ratio Lower Upper

79 100

108 42.2 57.2 85.8#

77 112.6 46.1 69.1#

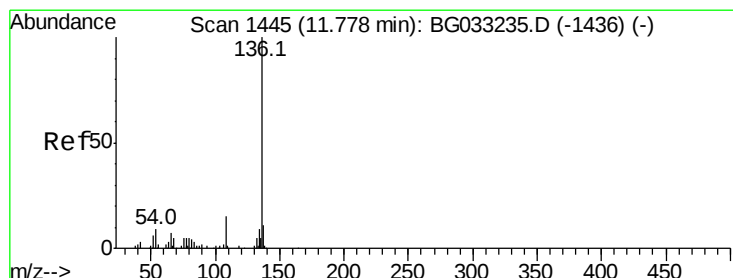
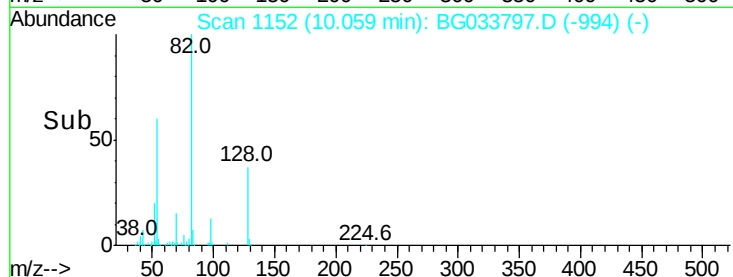
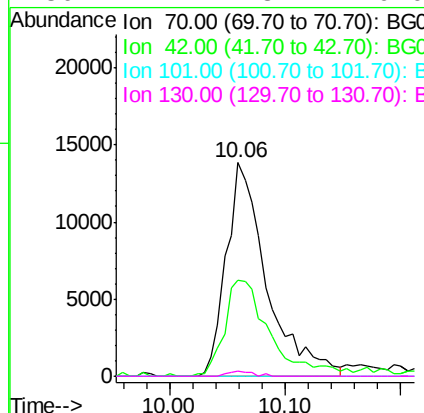
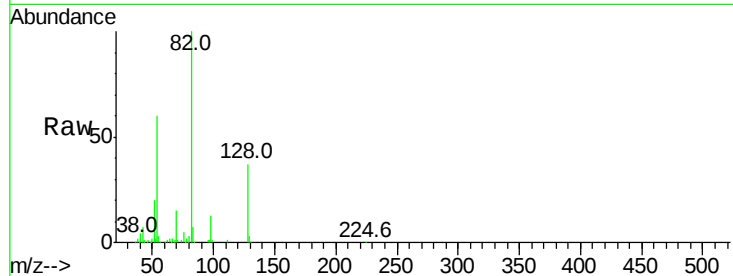




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.556 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

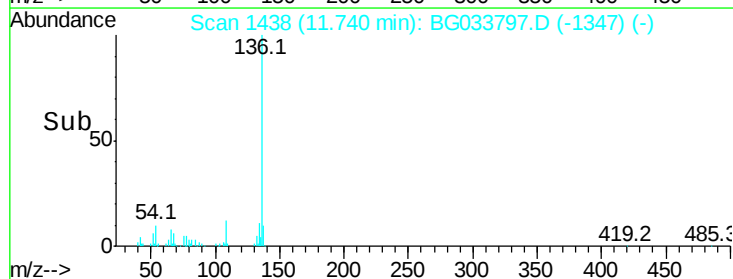
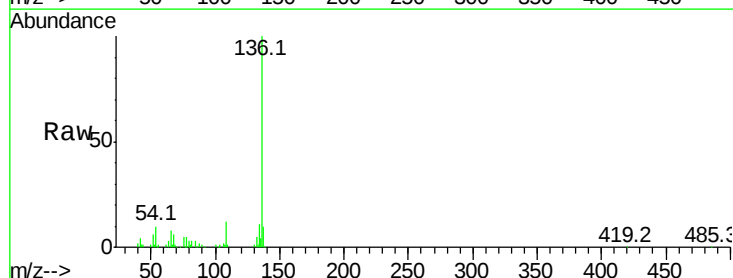
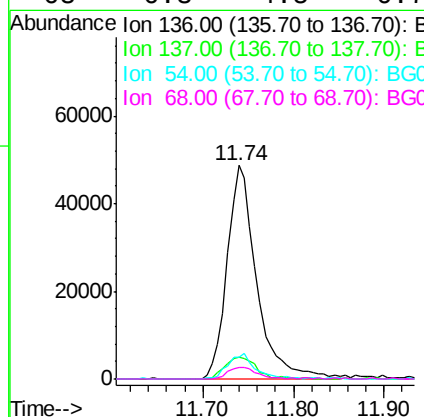
Instrument :
 BNA_G
 ClientSampleId :

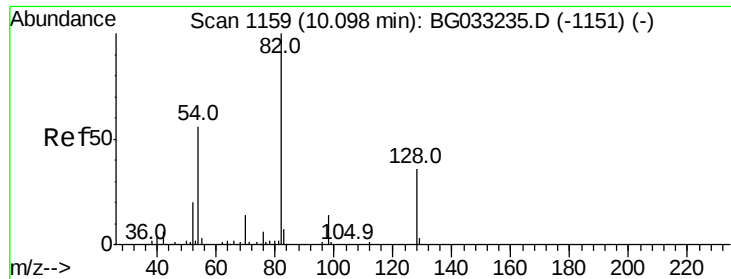
Tot Ion: 70 Resp: 33756
 Ion Ratio Lower Upper
 70 100
 42 44.8 49.1 73.7#
 101 0.0 8.5 12.7#
 130 2.2 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 136 Resp: 110408
 Ion Ratio Lower Upper
 136 100
 137 10.3 9.2 13.8
 54 10.2 10.3 15.5#
 68 6.3 4.5 6.7

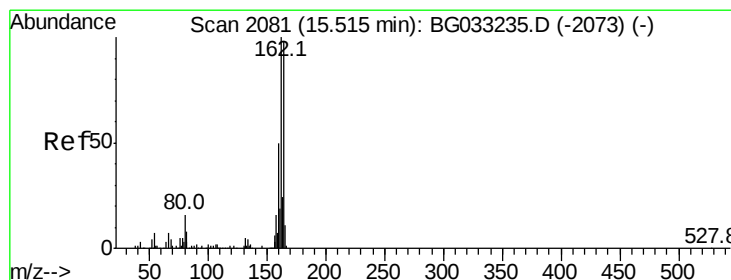
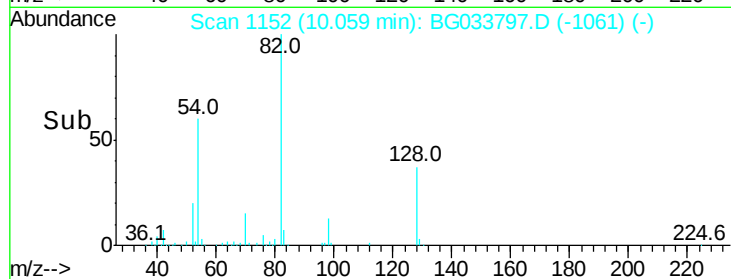
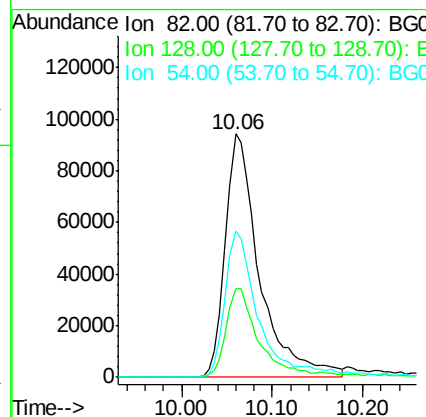
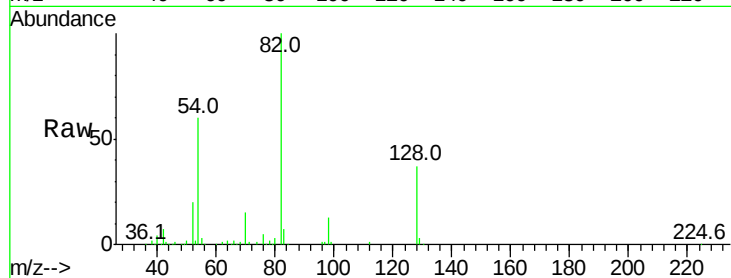




#23
 Nitrobenzene-d5
 Concen: 102.924 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

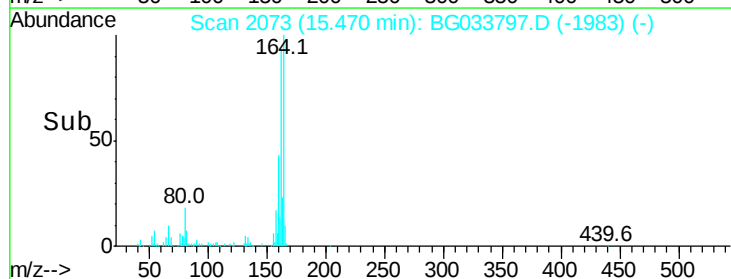
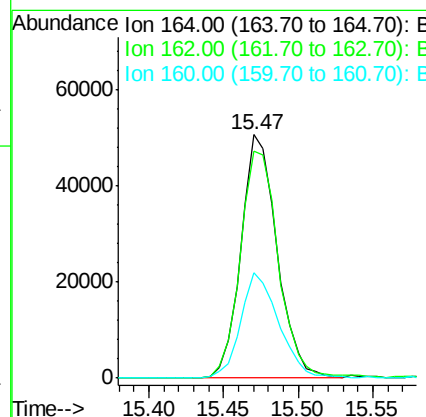
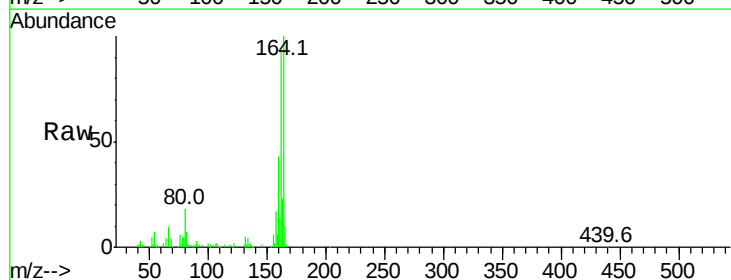
Instrument :
 BNA_G
 ClientSampleId :

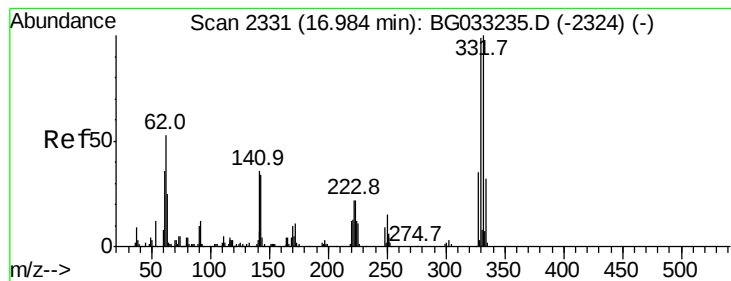
Tot Ion: 82 Resp: 247337
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 60.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:164 Resp: 84757
 Ion Ratio Lower Upper
 164 100
 162 93.1 78.8 118.2
 160 43.3 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 170.371 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

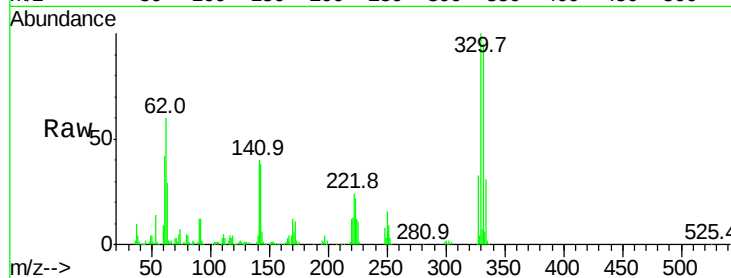
Tot Ion:330 Resp: 215969

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

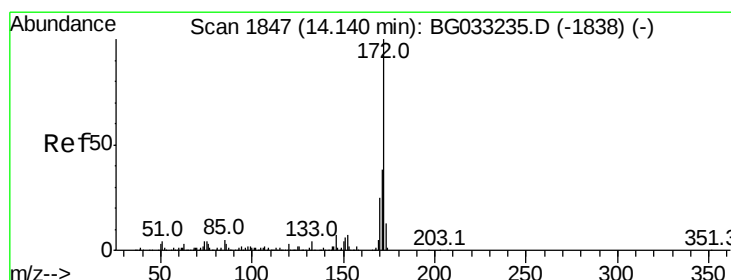
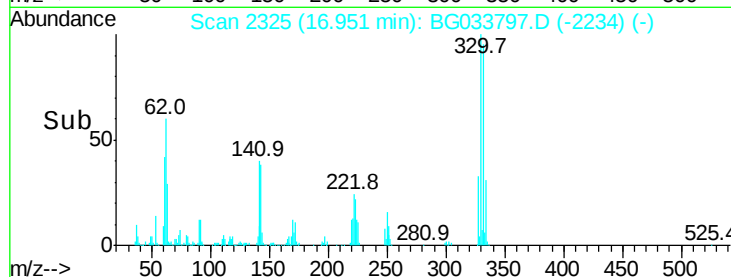
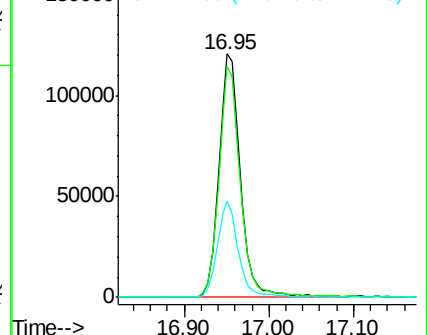
141 38.5 25.2 37.8#



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: 107.092 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

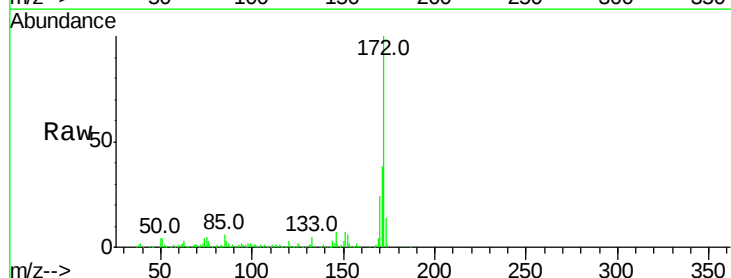
Tgt Ion:172 Resp: 628746

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

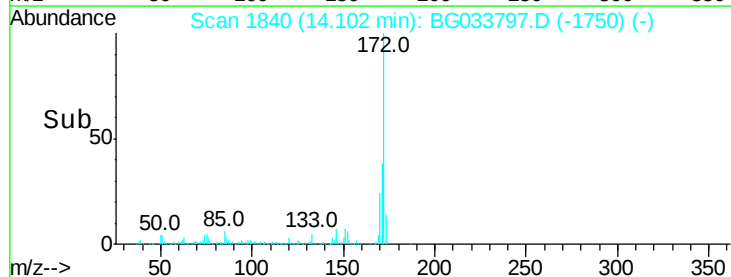
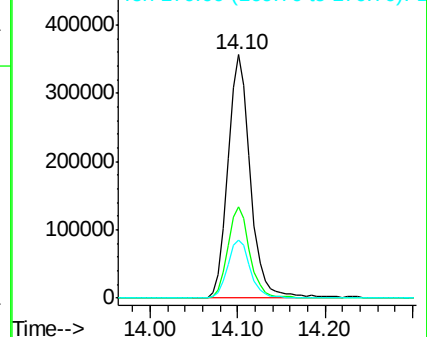
170 23.9 19.5 29.3

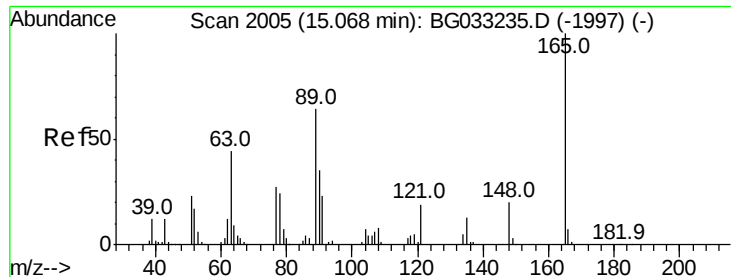


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

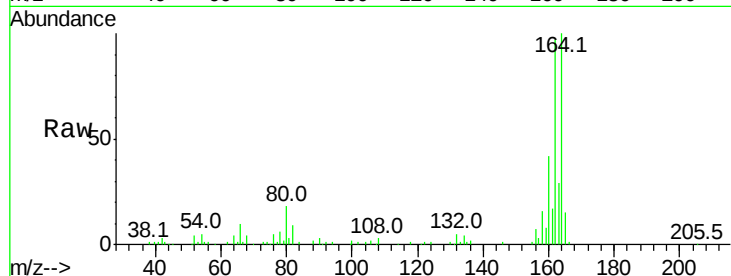




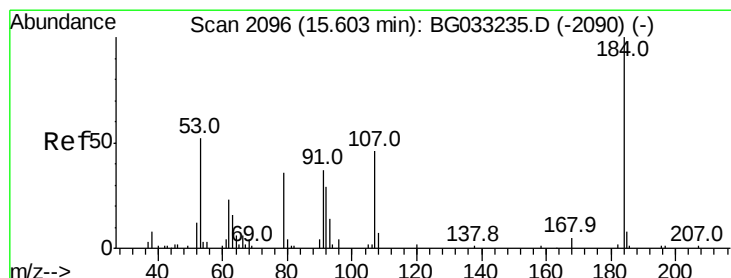
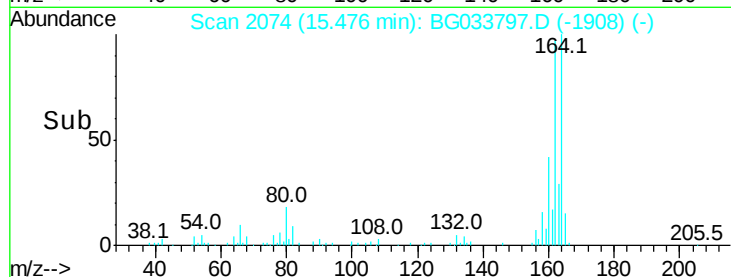
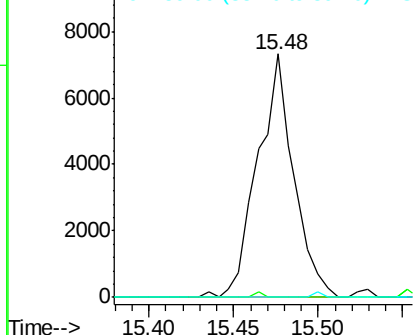
#50
 2,6-Dinitrotoluene
 Concen: 7.150 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10784
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

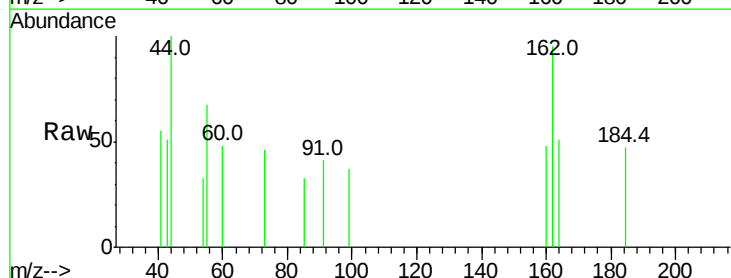


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

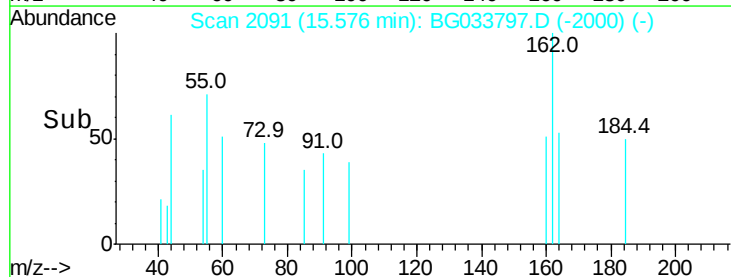
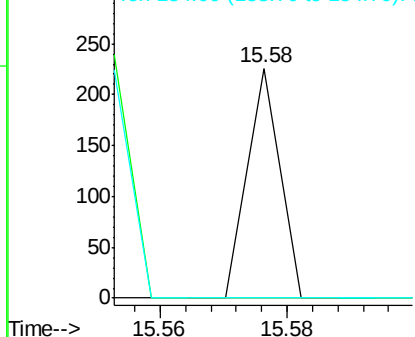


#53
 2,4-Dinitrophenol
 Concen: 7.736 ng
 RT: 15.58 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG033797.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:184 Resp: 80
 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

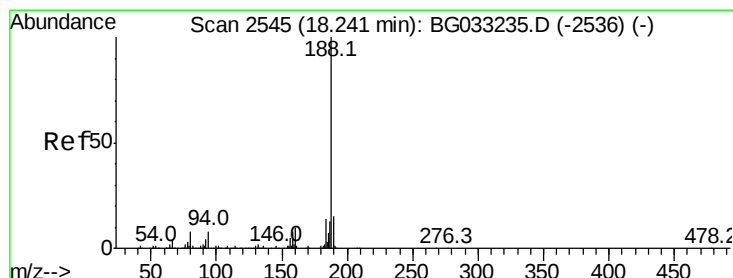
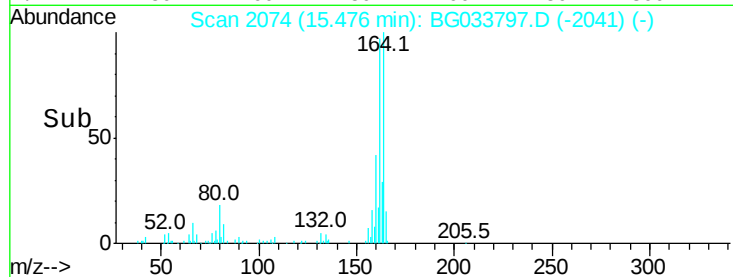
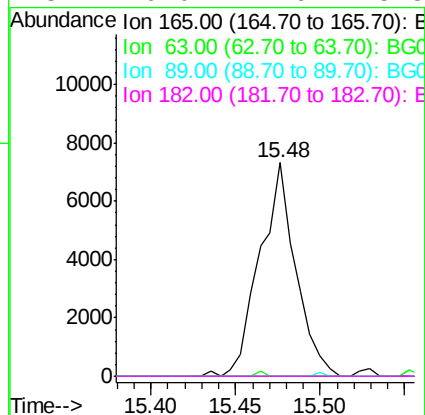
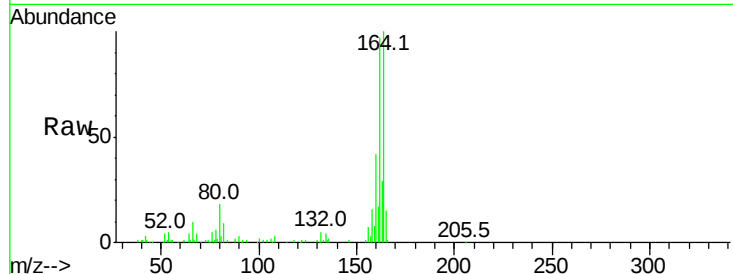




#56
2,4-Dinitrotoluene
Concen: 4.856 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

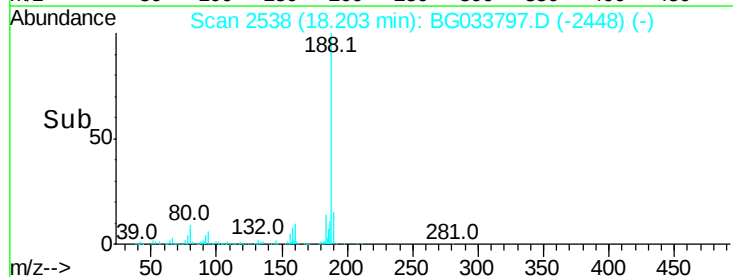
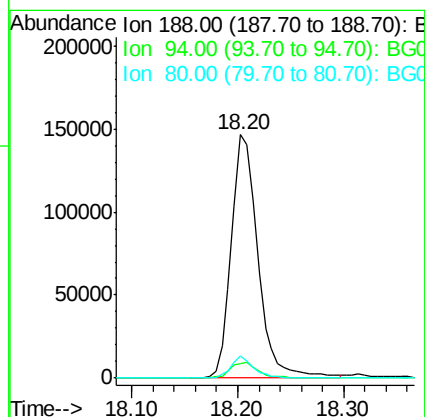
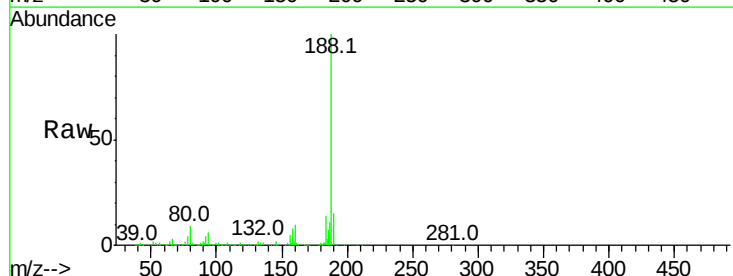
Instrument :
BNA_G
ClientSampleId :

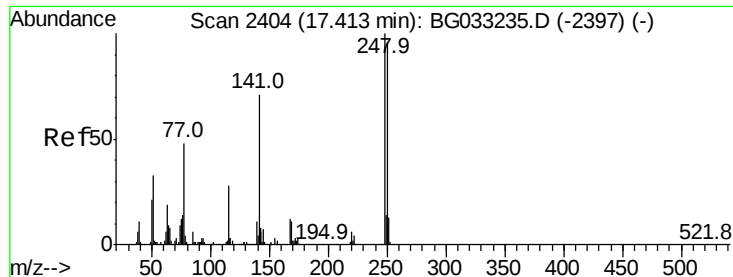
Tot Ion:165 Resp: 10784
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

Tgt Ion:188 Resp: 256465
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 9.2 7.7 11.5





#66

4-Bromophenyl-phenylether

Concen: 5.448 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.43 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

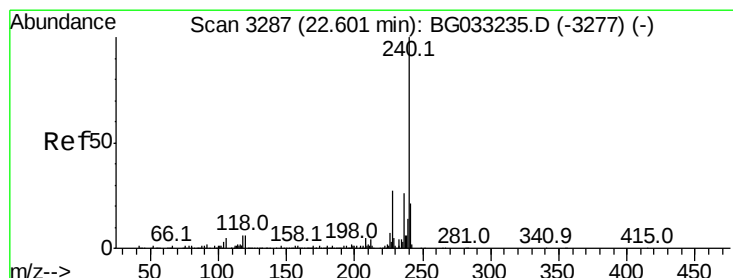
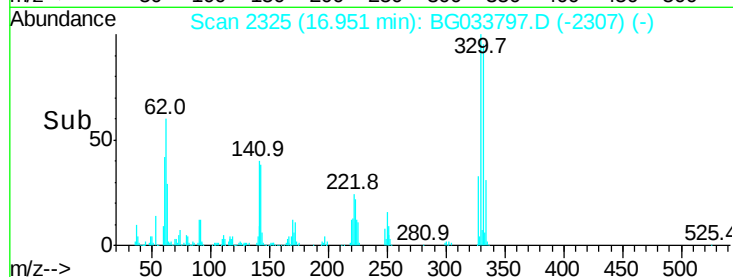
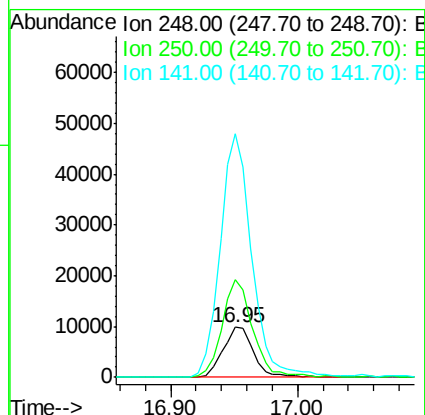
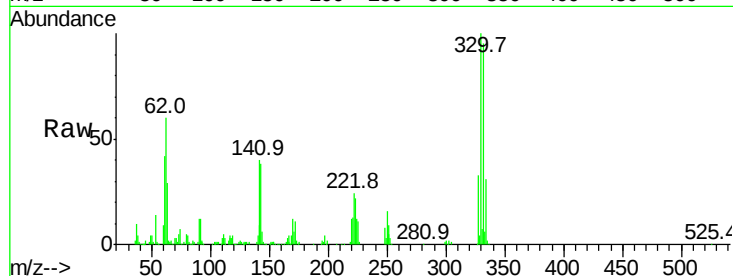
Tot Ion:248 Resp: 16409

Ion Ratio Lower Upper

248 100

250 193.6 77.1 115.7#

141 484.5 50.8 76.2#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

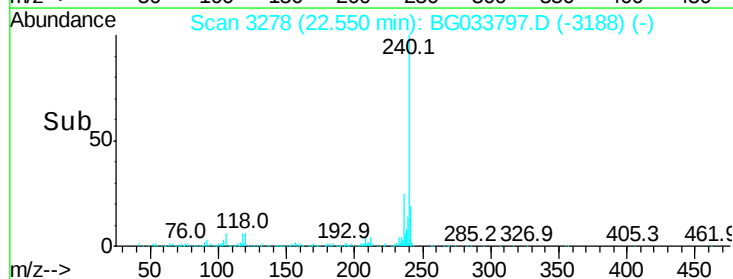
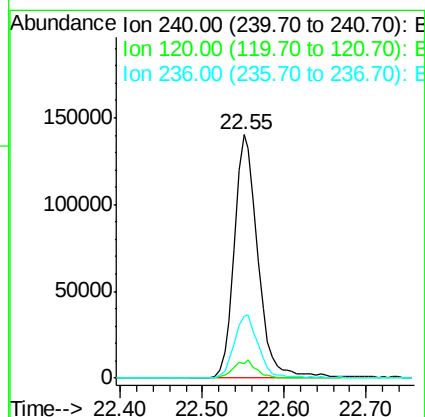
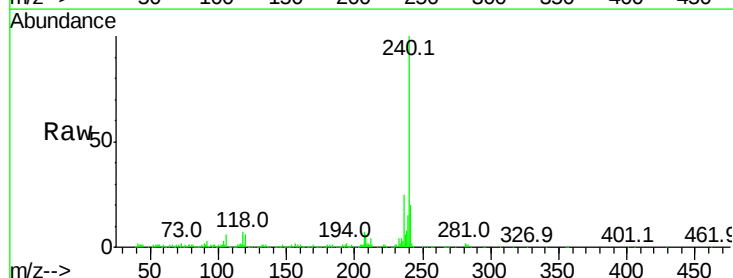
Tgt Ion:240 Resp: 282772

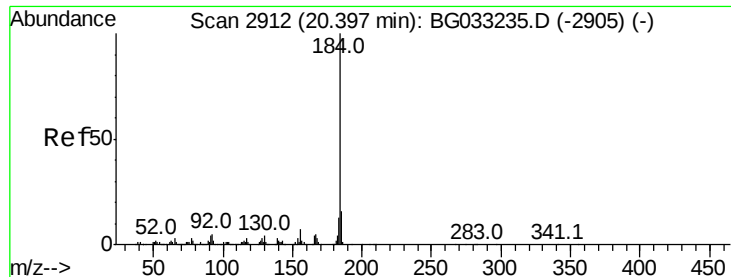
Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

236 25.4 20.9 31.3





#76

Benzidine

Concen: 3.477 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.37 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampled :

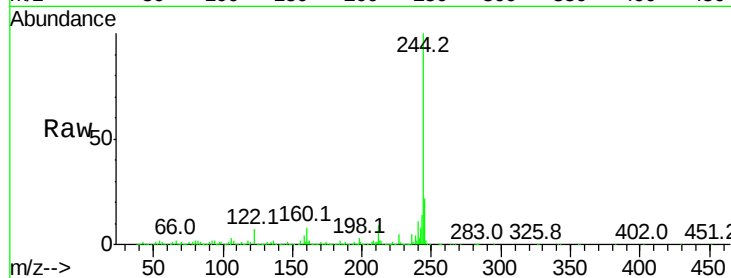
Tot Ion:184 Resp: 26660

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

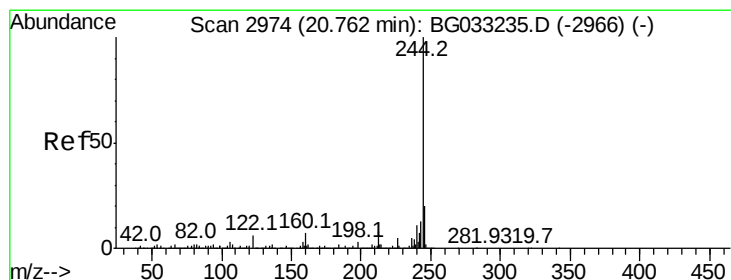
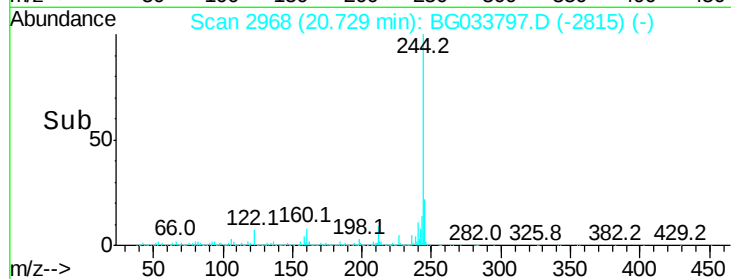
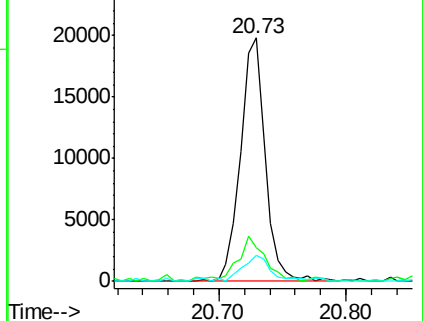
183 10.4 10.6 16.0#



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: 115.989 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

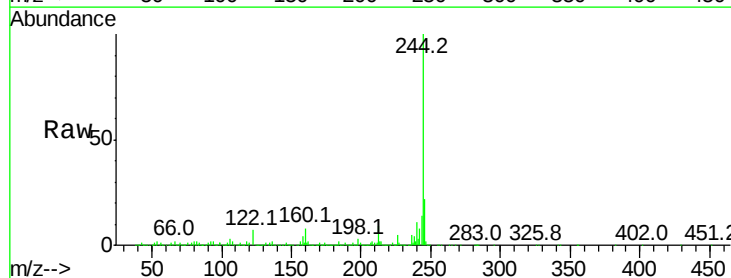
Tgt Ion:244 Resp: 1533631

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

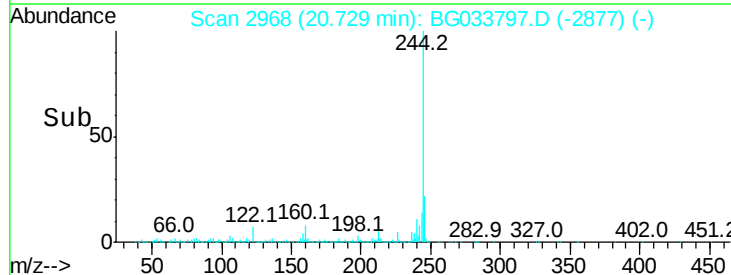
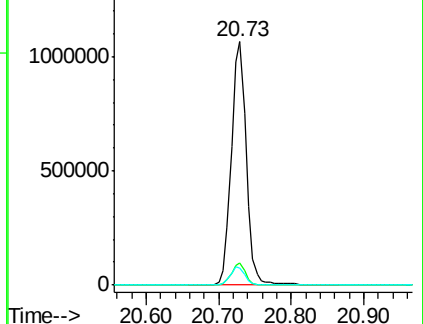
122 7.1 7.0 10.4



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: BG033797.D
 Acq: 13 Apr 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	22.3	17.7	26.5

