

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033735.D
 Acq On : 11 Apr 2018 6:17
 Operator : SJ/JU
 Sample : J2303-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 06:58:13 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

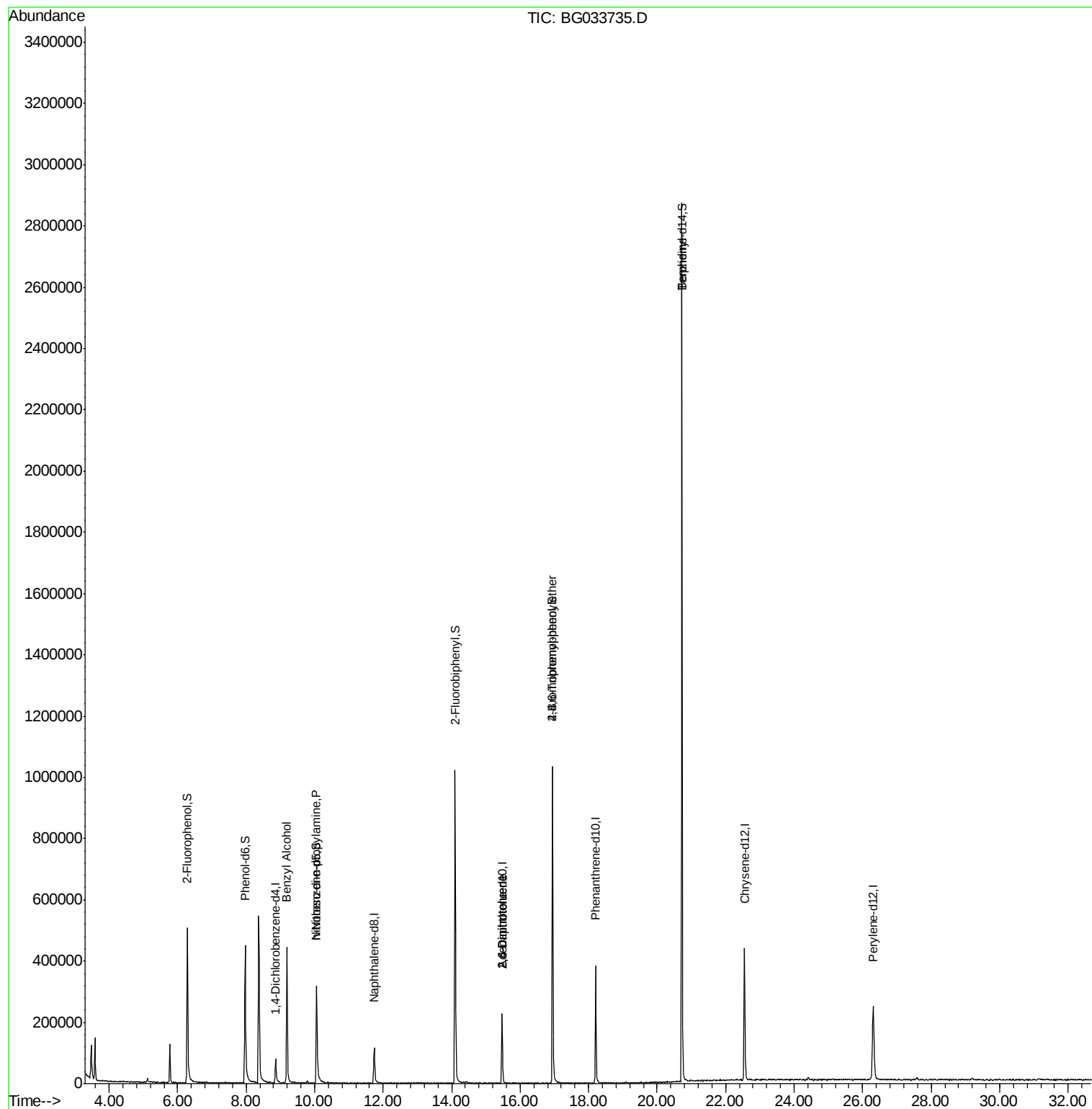
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28939	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	119936	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87639	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	269220	20.00	ng	0.00
75) Chrysene-d12	22.55	240	310204	20.00	ng	0.00
86) Perylene-d12	26.31	264	320599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	243992	158.10	ng	0.00
7) Phenol-d6	7.97	99	314624	118.65	ng	0.00
23) Nitrobenzene-d5	10.05	82	256394	98.22	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	202447	154.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	599902	98.82	ng	0.00
78) Terphenyl-d14	20.72	244	1430966	98.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4946	2.369	ng	# 49
19) n-Nitroso-di-n-propylamine	10.05	70	33913	17.453	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	10286	6.596	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	10286	4.480	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	16358	5.174	ng	# 1
76) Benzidine	20.72	184	24632	2.928	ng	# 90

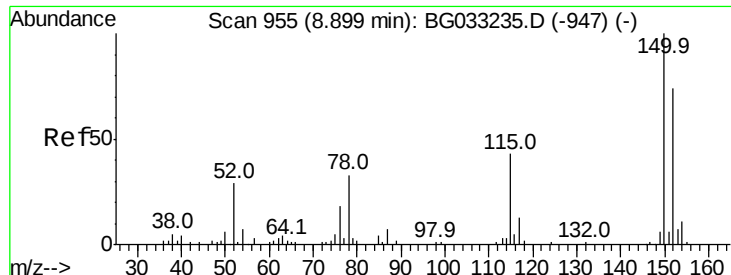
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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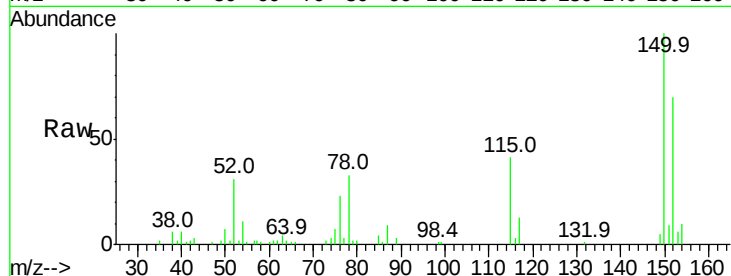


#1

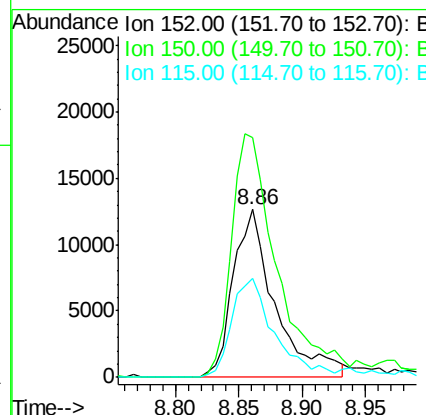
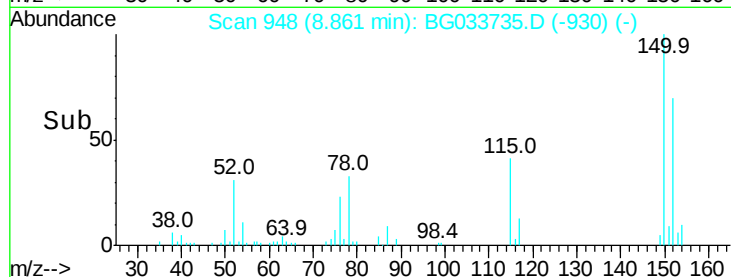
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28939
Ion Ratio Lower Upper
152 100
150 142.5 126.6 189.8
115 58.9 53.0 79.4



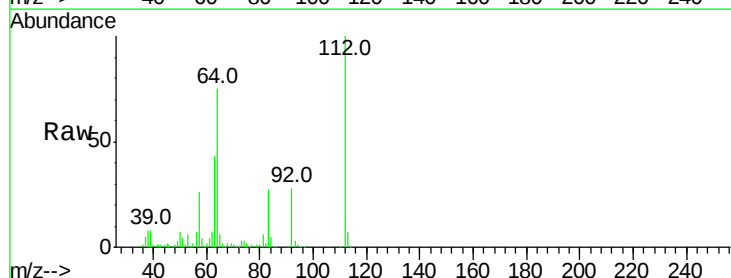
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



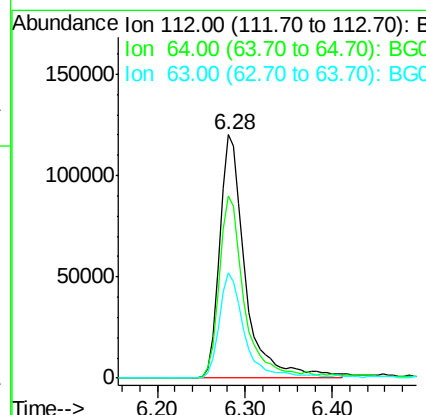
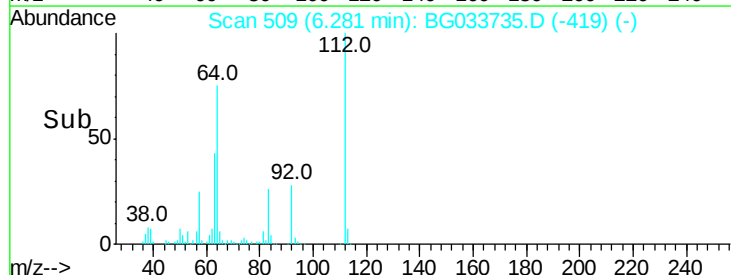
#5

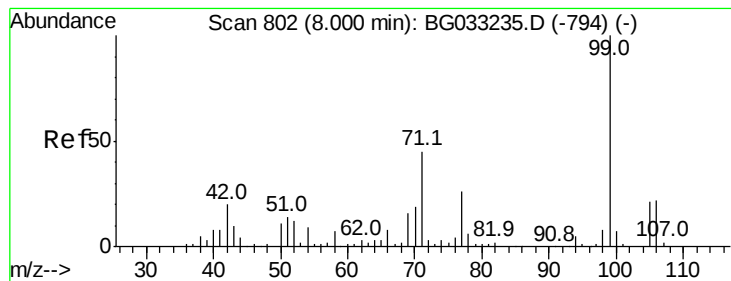
2-Fluorophenol
Concen: 158.096 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Tgt Ion:112 Resp: 243992
Ion Ratio Lower Upper
112 100
64 74.7 56.3 84.5
63 43.1 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: 118.649 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

Instrument :

BNA_G

ClientSampleId :

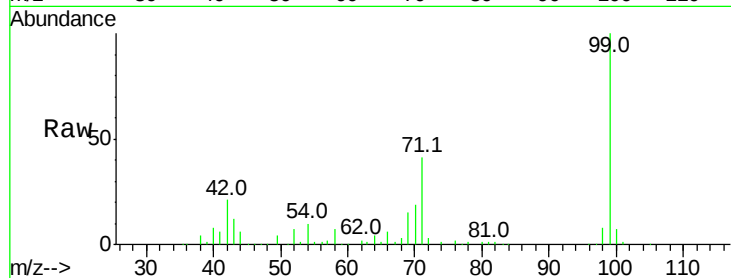
Tot Ion: 99 Resp: 314624

Ion Ratio Lower Upper

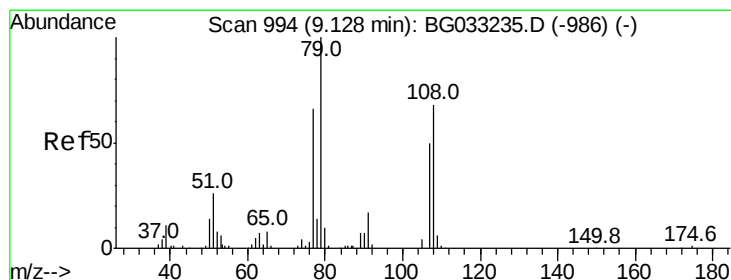
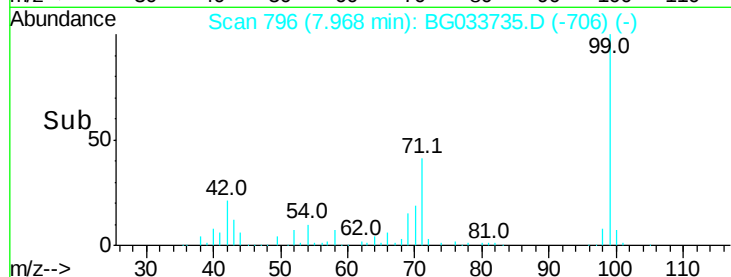
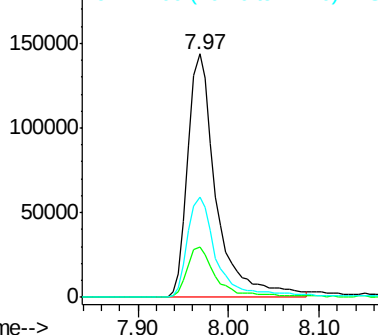
99 100

42 20.8 14.1 21.1

71 41.1 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: 2.369 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

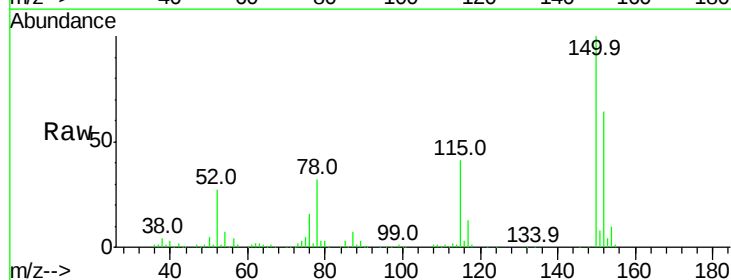
Tgt Ion: 79 Resp: 4946

Ion Ratio Lower Upper

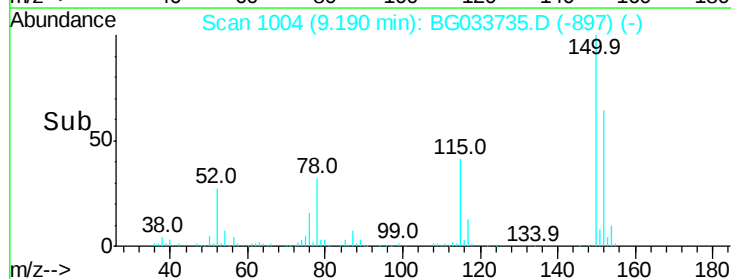
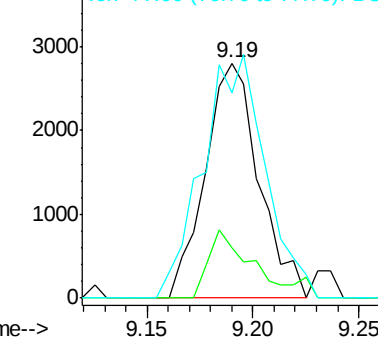
79 100

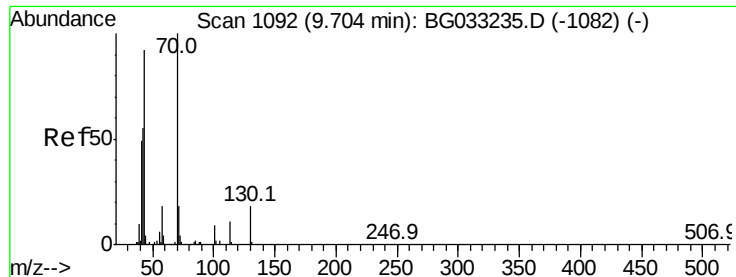
108 21.7 57.2 85.8#

77 87.4 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

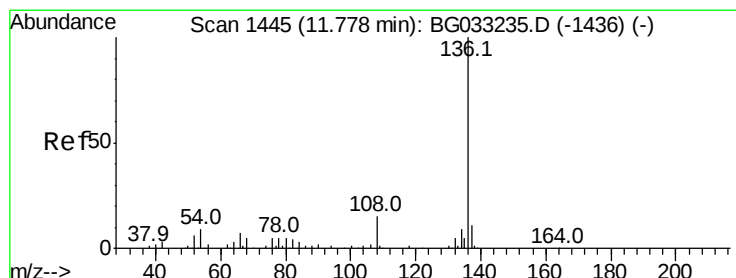
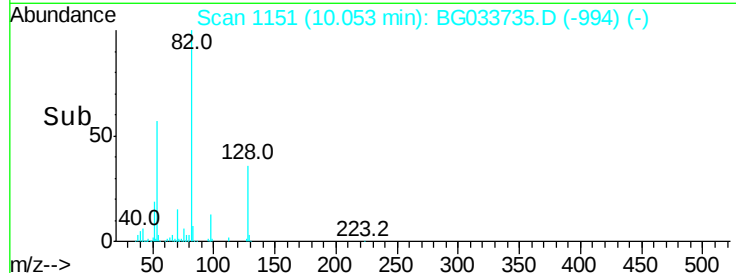
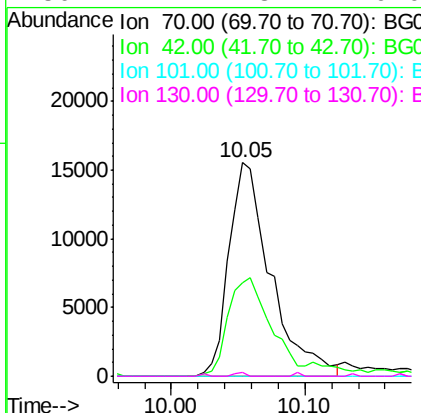
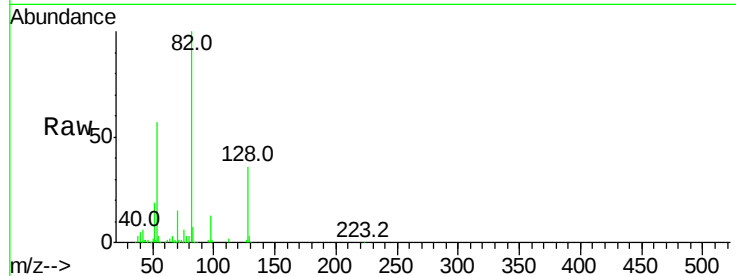




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.453 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.39 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

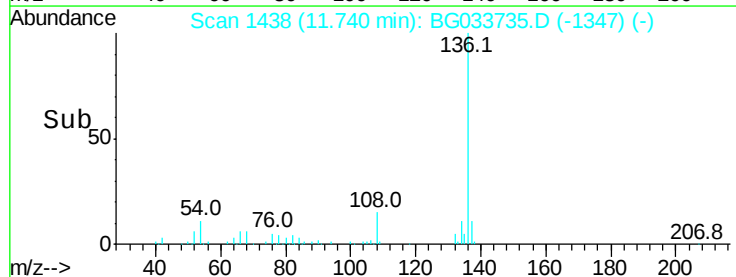
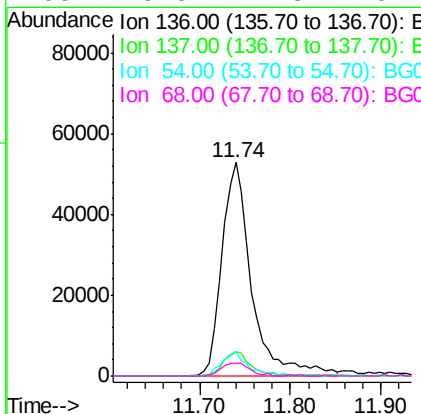
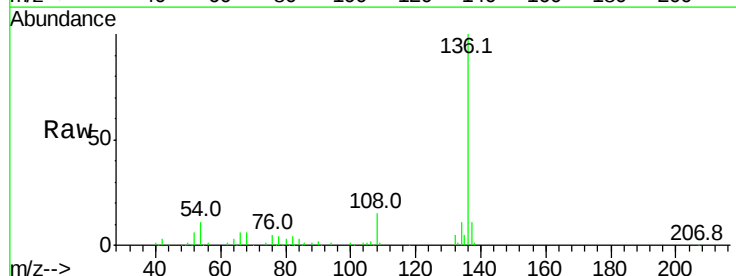
Instrument :
 BNA_G
 ClientSampleId :

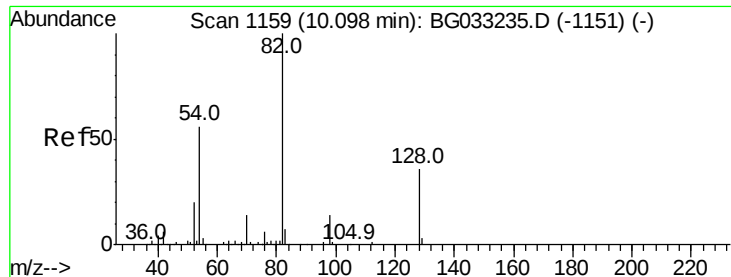
Tot Ion: 70 Resp: 33913
 Ion Ratio Lower Upper
 70 100
 42 43.6 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.7 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion: 136 Resp: 119936
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.2 13.8
 54 11.4 10.3 15.5
 68 5.8 4.5 6.7

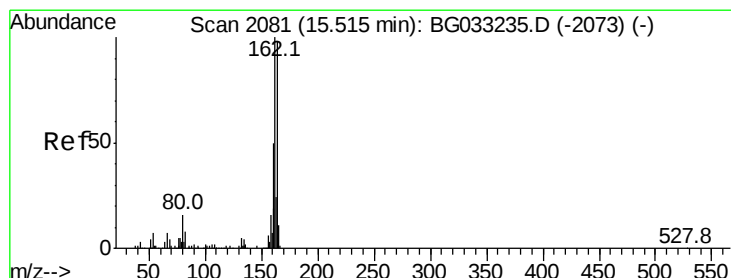
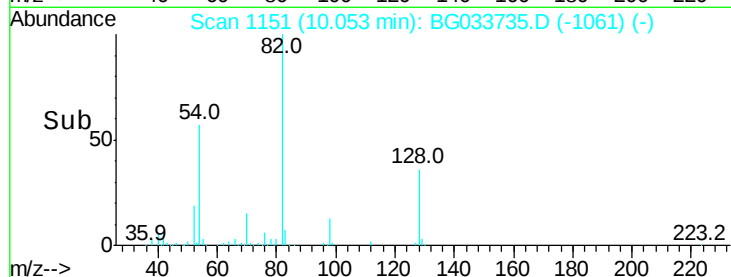
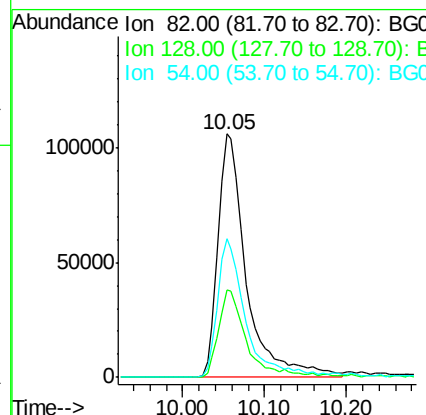
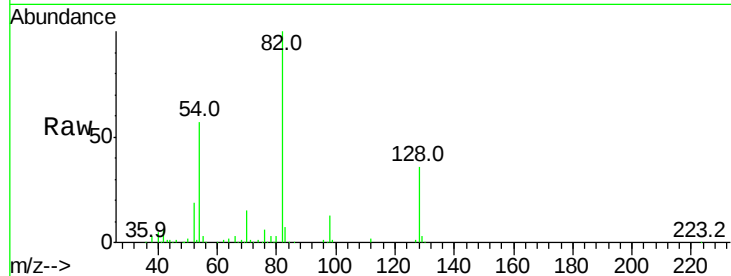




#23
 Nitrobenzene-d5
 Concen: 98.217 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

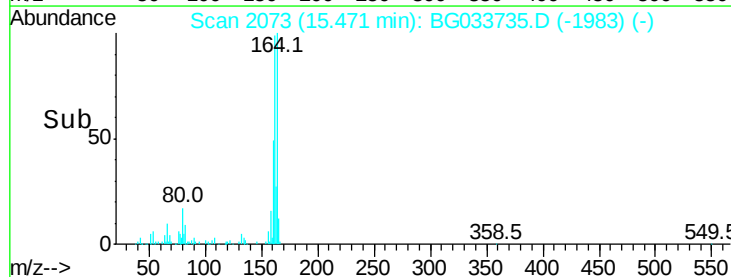
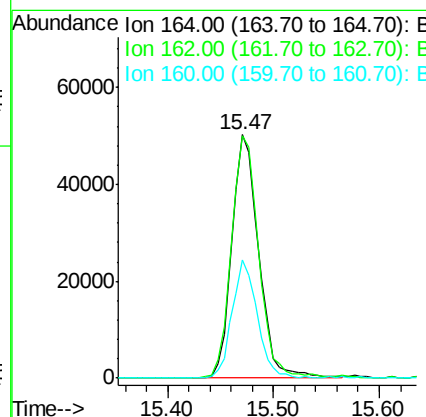
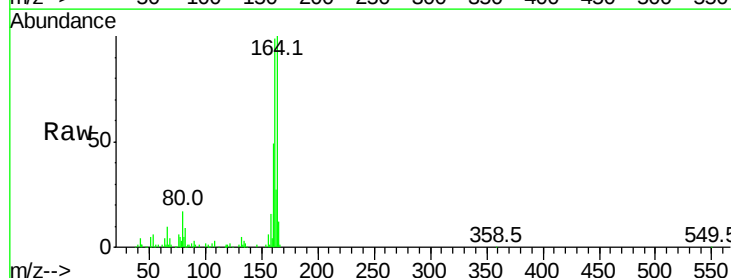
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 256394
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 57.0 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: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion: 164 Resp: 87639
 Ion Ratio Lower Upper
 164 100
 162 99.4 78.8 118.2
 160 48.6 35.4 53.0

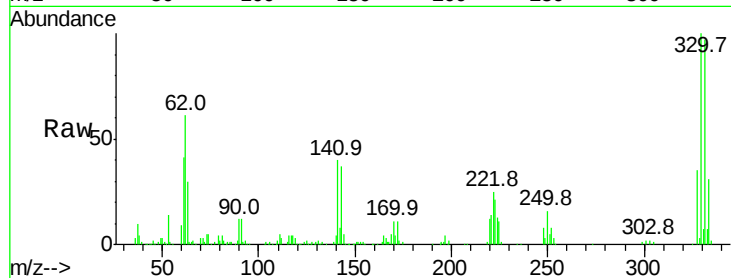




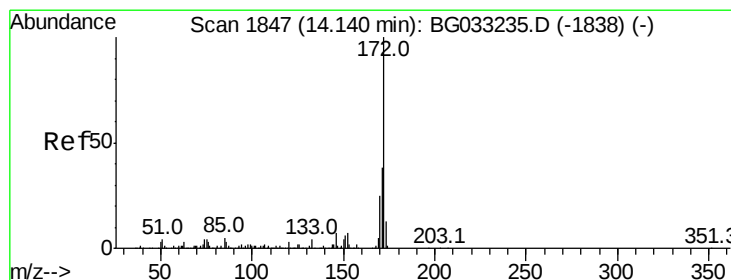
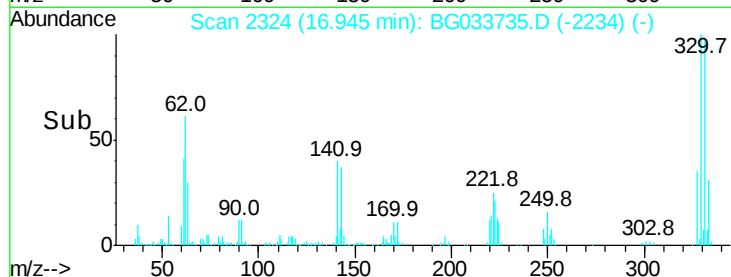
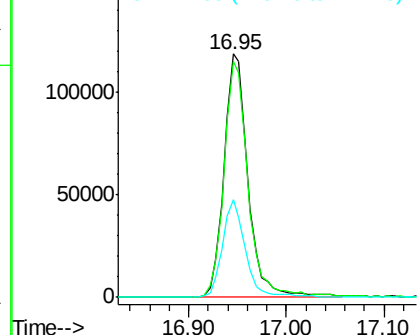
#41
 2,4,6-Tribromophenol
 Concen: 154.452 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 202447
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.4 25.2 37.8#

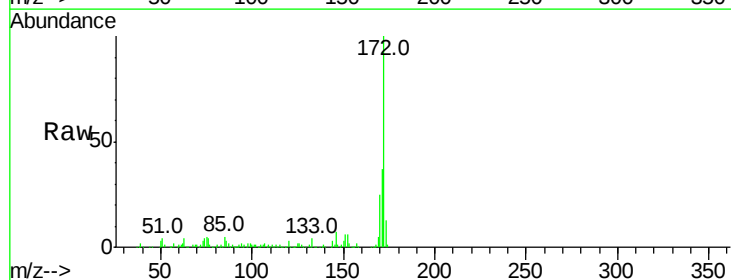


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

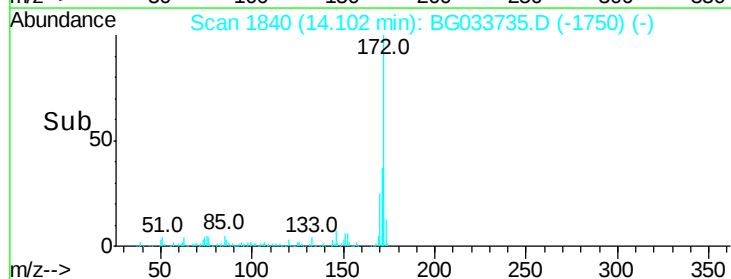
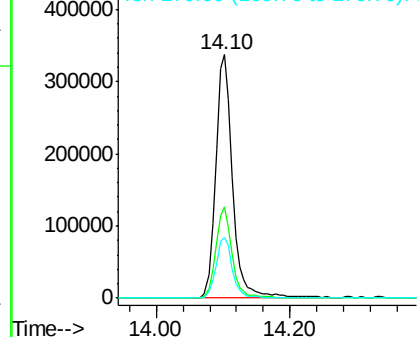


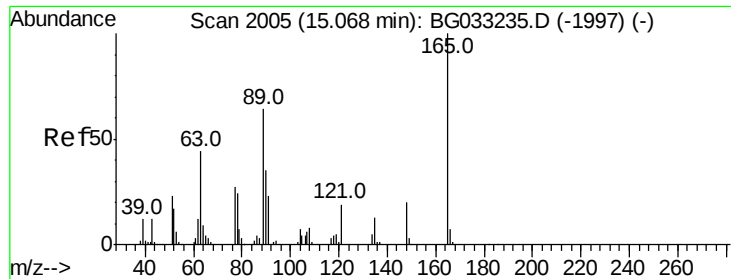
#44
 2-Fluorobiphenyl
 Concen: 98.819 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion:172 Resp: 599902
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

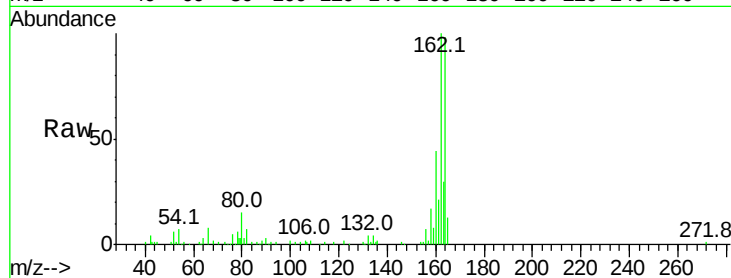




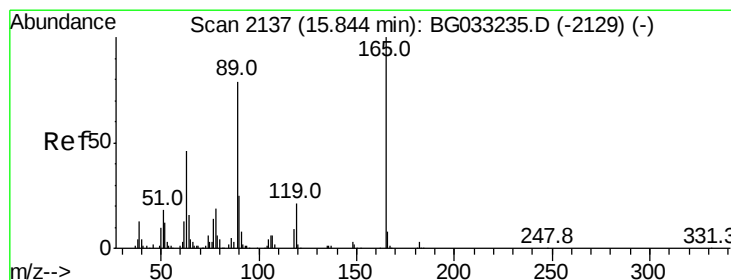
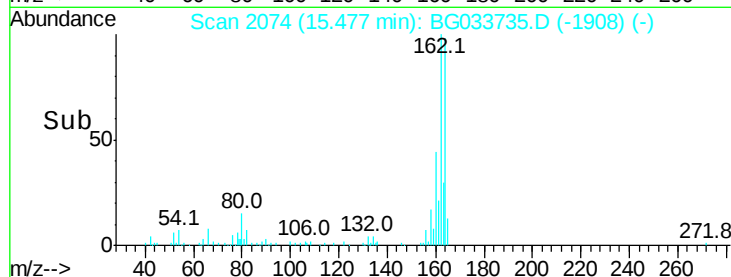
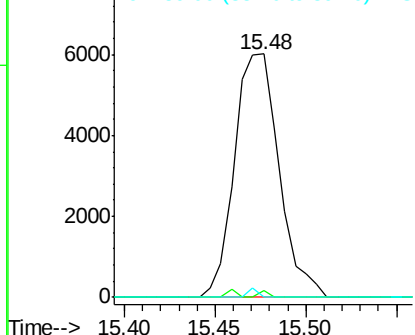
#50
2,6-Dinitrotoluene
Concen: 6.596 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 10286
Ion Ratio Lower Upper
165 100
63 2.9 52.7 79.1#
89 0.0 49.2 73.8#

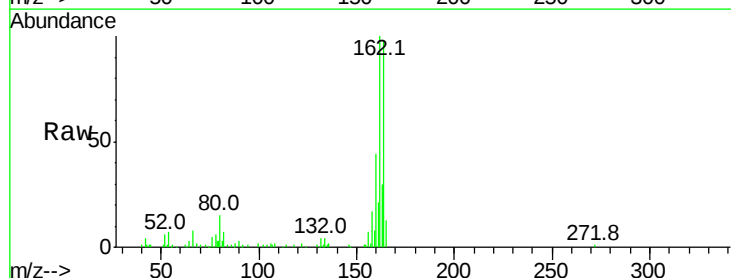


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

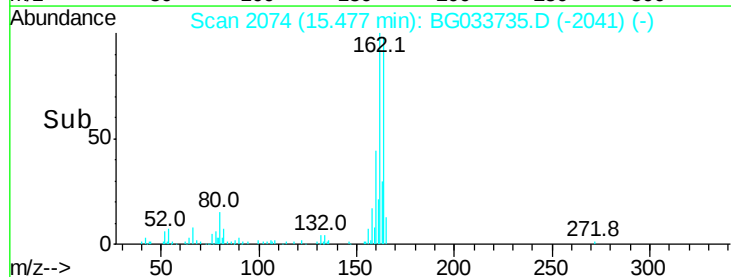
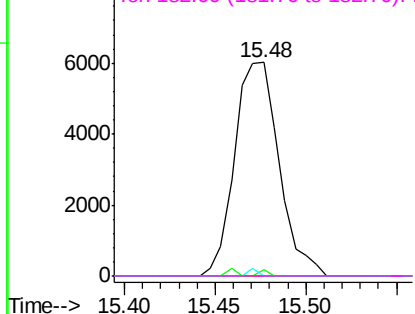


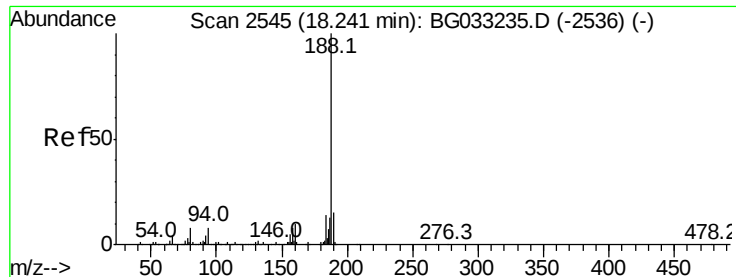
#56
2,4-Dinitrotoluene
Concen: 4.480 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033735.D
Acq: 11 Apr 2018 6:17

Tgt Ion:165 Resp: 10286
Ion Ratio Lower Upper
165 100
63 2.9 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: BG033735.D

Acq: 11 Apr 2018 6:17

Instrument :

BNA_G

ClientSampleId :

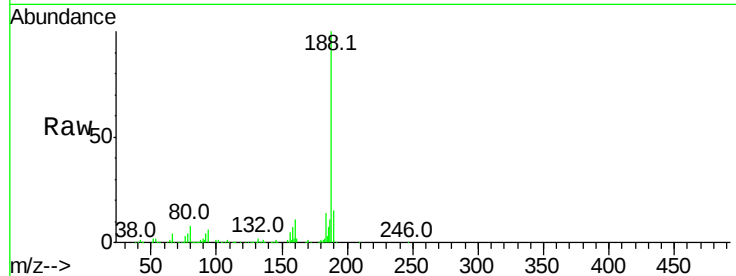
Tot Ion:188 Resp: 269220

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

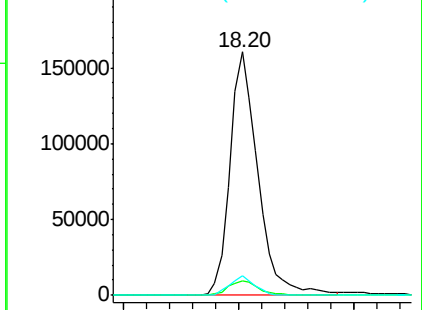
80 8.0 7.7 11.5



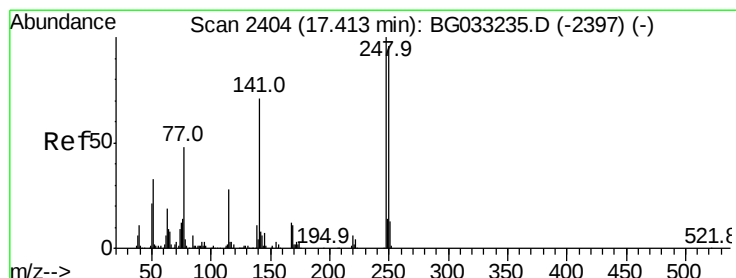
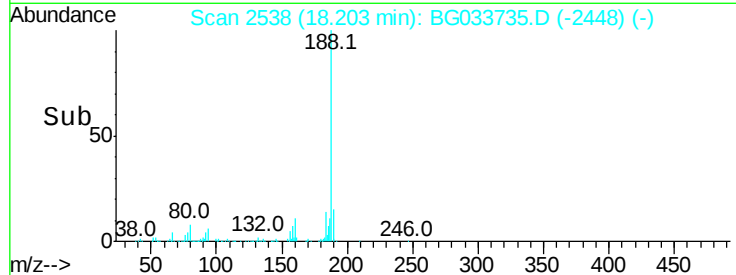
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 18.10 18.20 18.30



#66

4-Bromophenyl-phenylether

Concen: 5.174 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.43 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

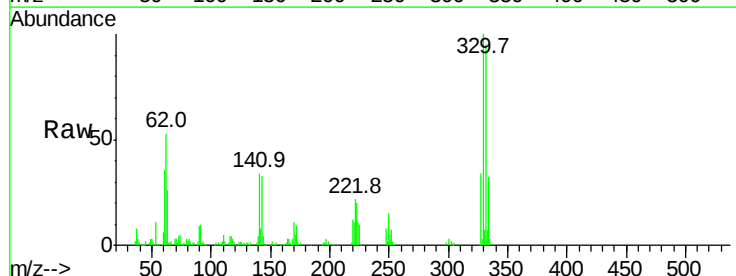
Tgt Ion:248 Resp: 16358

Ion Ratio Lower Upper

248 100

250 132.8 77.1 115.7#

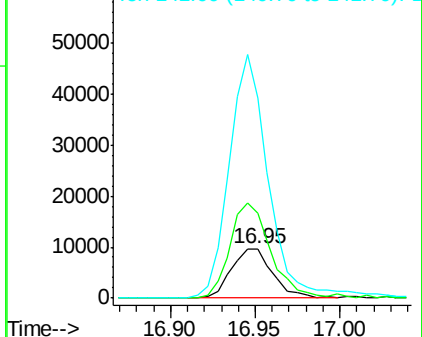
141 312.0 50.8 76.2#



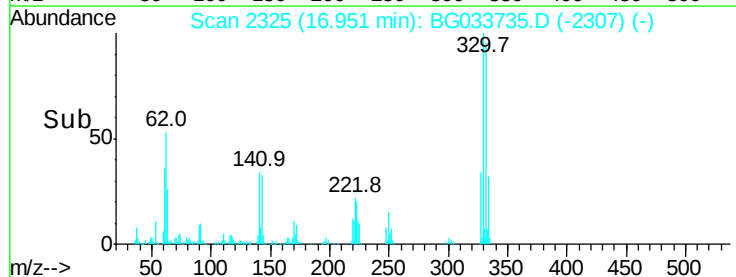
Abundance Ion 248.00 (247.70 to 248.70): E

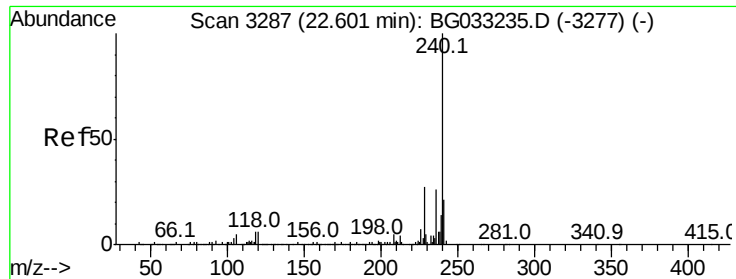
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.90 16.95 17.00





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

Instrument :

BNA_G

ClientSampleId :

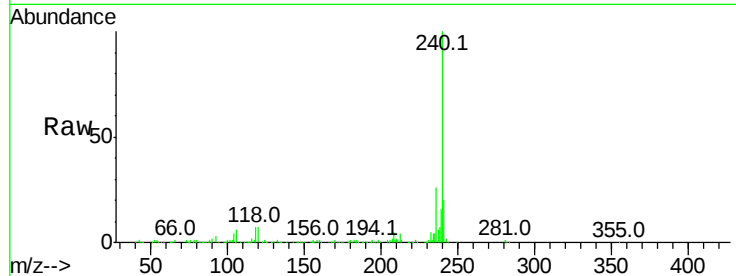
Tot Ion:240 Resp: 310204

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

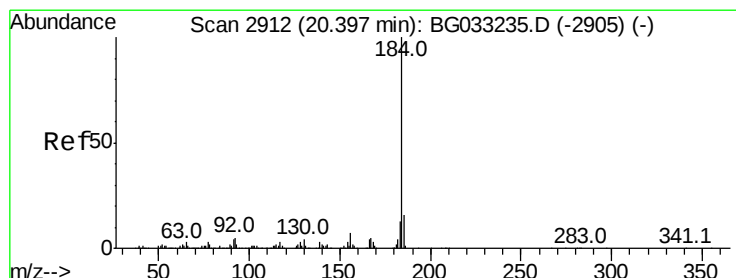
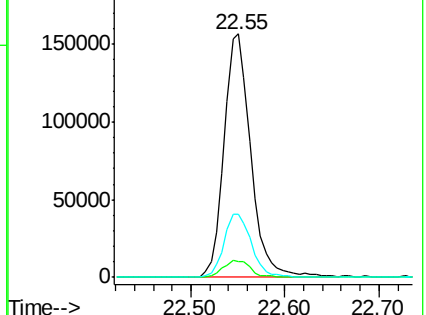
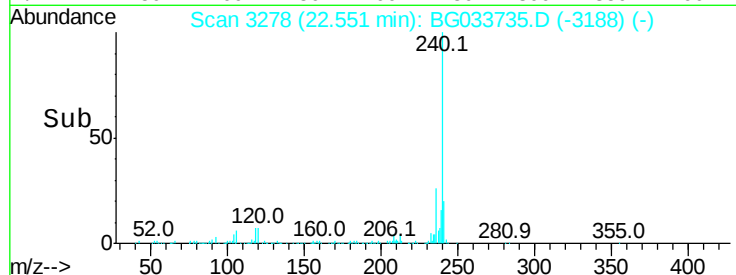
236 26.0 20.9 31.3



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: 2.928 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033735.D

Acq: 11 Apr 2018 6:17

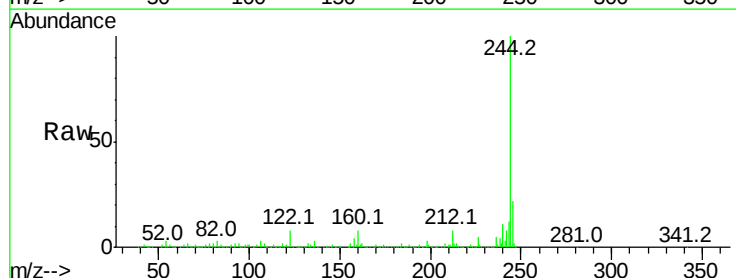
Tgt Ion:184 Resp: 24632

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

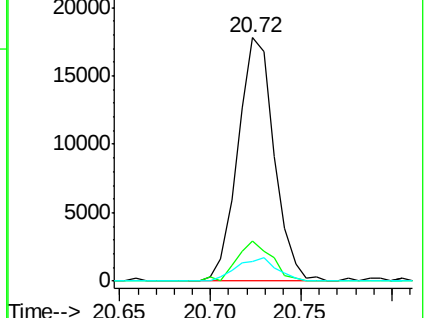
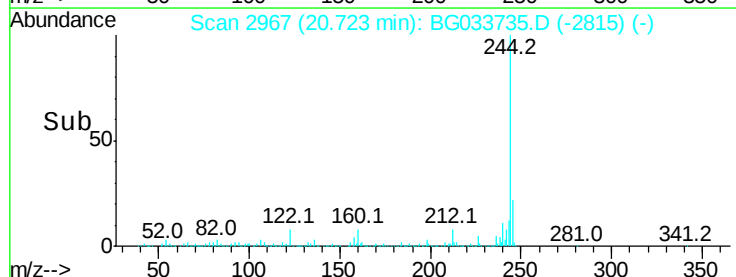
183 8.2 10.6 16.0#

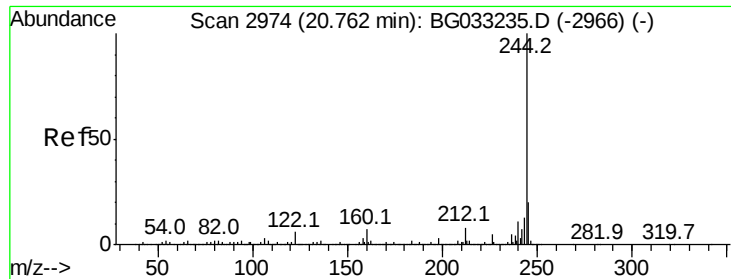


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

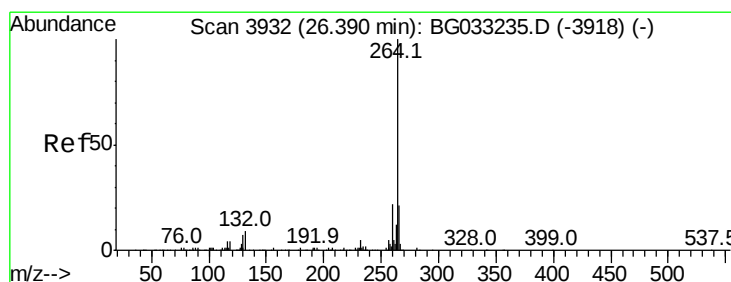
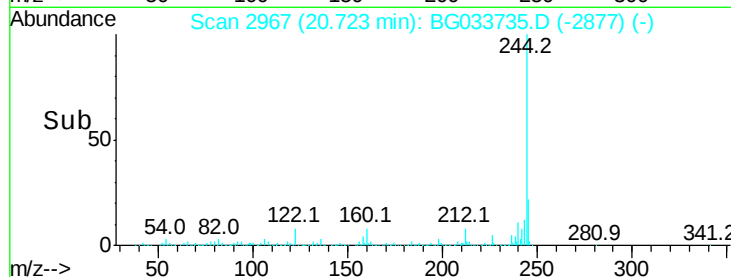
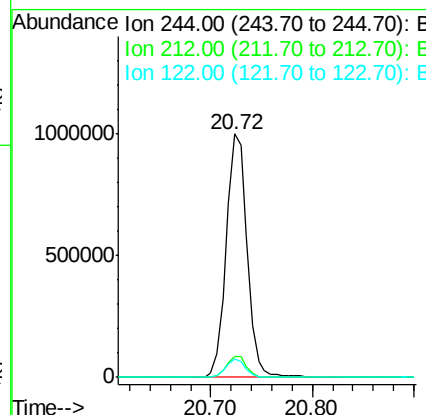
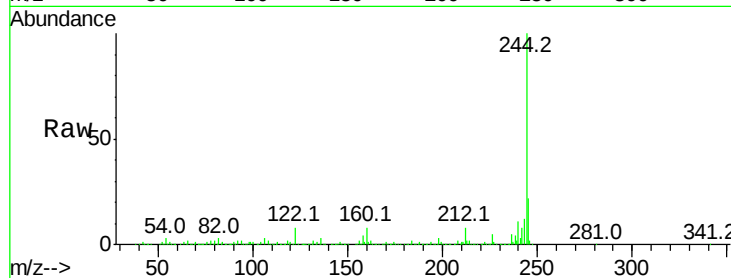




#78
 Terphenyl-d14
 Concen: 98.654 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1430966
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3917
 Delta R.T. -0.00 min
 Lab File: BG033735.D
 Acq: 11 Apr 2018 6:17

Tgt Ion:264 Resp: 320599
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.4 17.7 26.5

