

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032633.D
 Acq On : 9 Feb 2018 16:26
 Operator : SJ/JU
 Sample : J1499-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 23:19:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

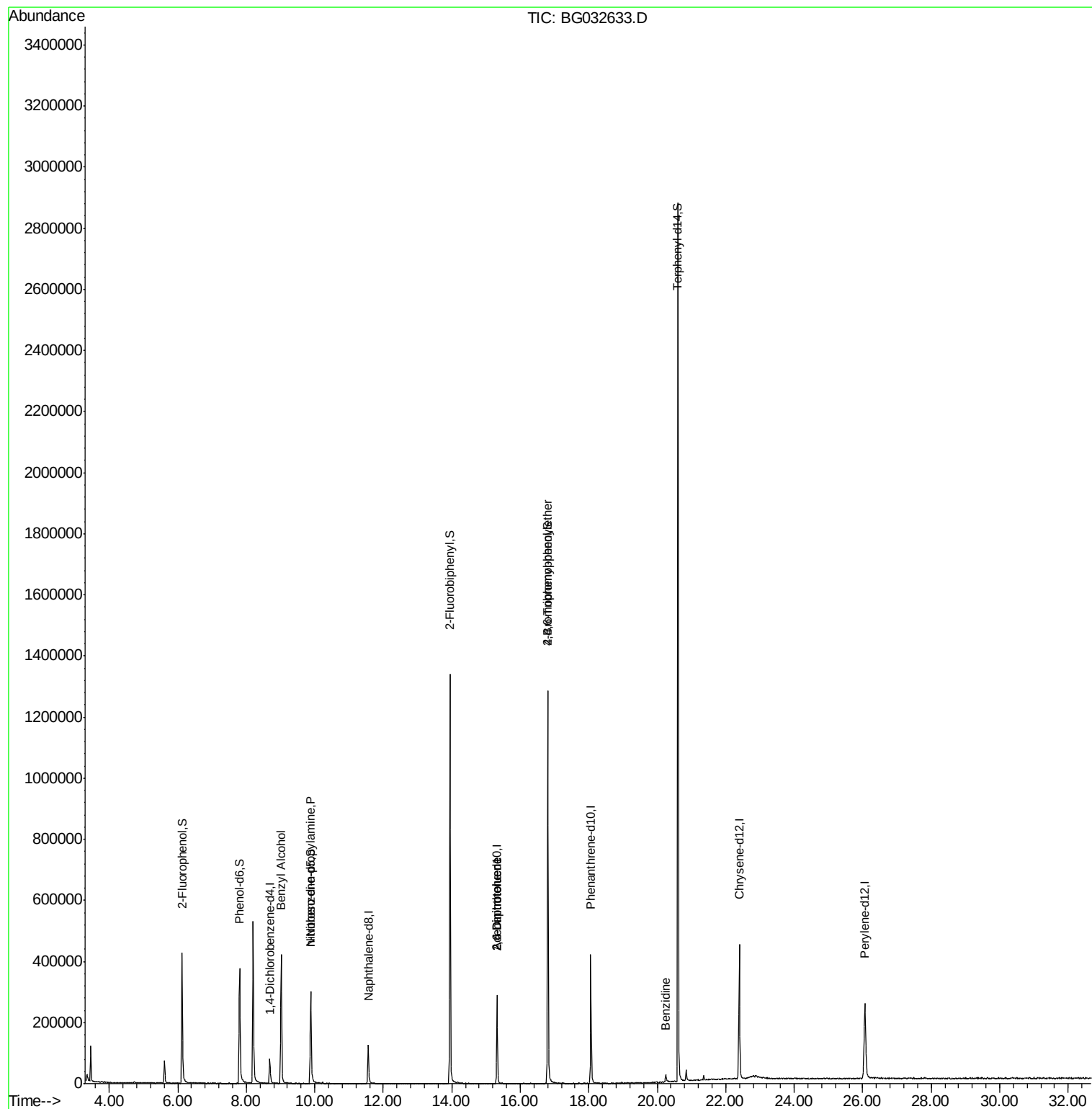
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32098	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	136692	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	113243	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	324829	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	360681	20.00	ng	-0.02
86) Perylene-d12	26.06	264	366926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	224709	140.61	ng	-0.02
7) Phenol-d6	7.81	99	259607	121.74	ng	-0.02
23) Nitrobenzene-d5	9.88	82	221671	101.29	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	293225	136.03	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	834131	87.55	ng	-0.02
78) Terphenyl-d14	20.60	244	1565041	92.95	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.02	79	3874	2.20	ng	# 29
19) n-Nitroso-di-n-propylamine	9.89	70	32876	23.25	ng	# 76
50) 2,6-Dinitrotoluene	15.32	165	14473	6.60	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	14473	4.64	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	27741	5.76	ng	# 1
76) Benzidine	20.24	184	28855	4.07	ng	# 94

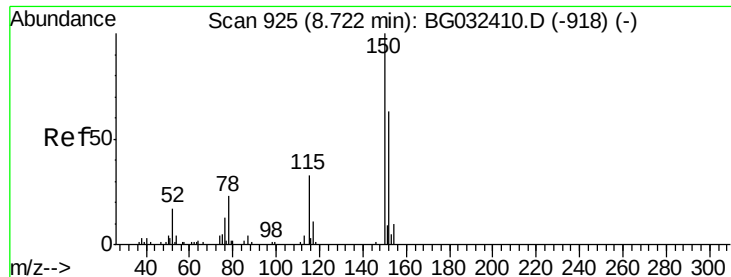
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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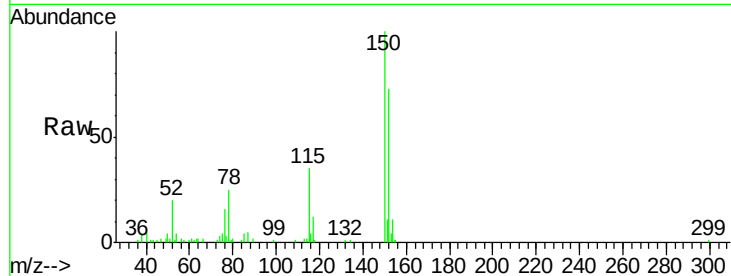


#1

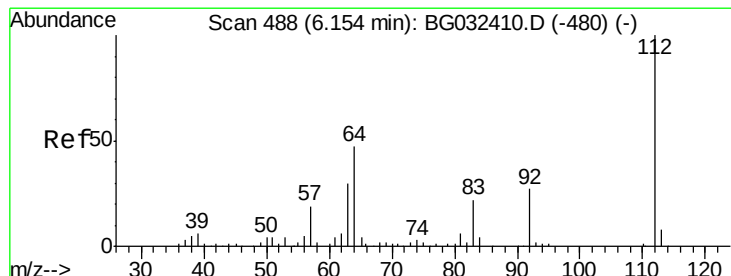
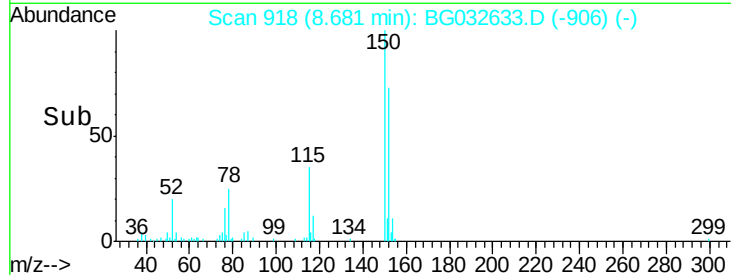
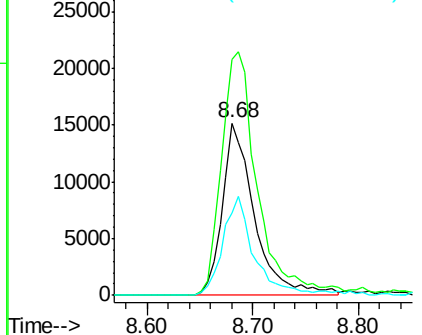
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.0	126.6	189.8
115	47.7	53.0	79.4



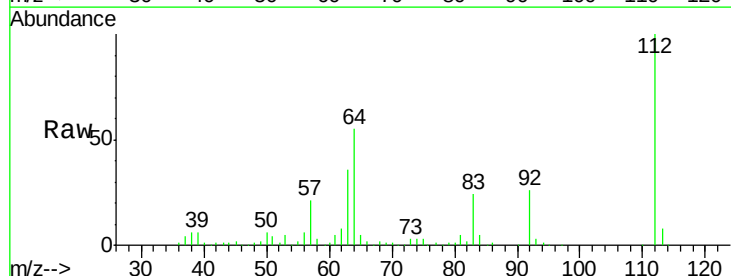
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



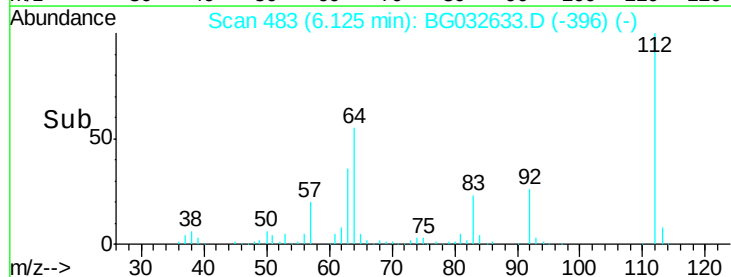
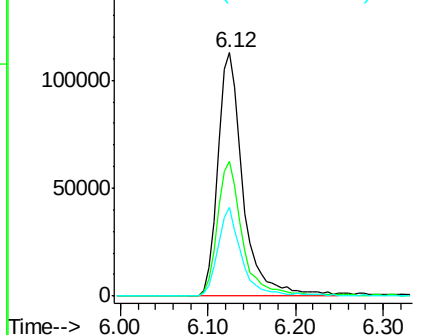
#5

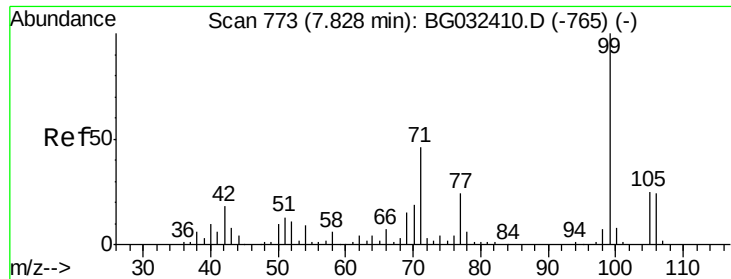
2-Fluorophenol
Concen: 140.61 ng
RT: 6.12 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	56.3	84.5
63	36.4	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: 121.74 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

ClientSampleId :

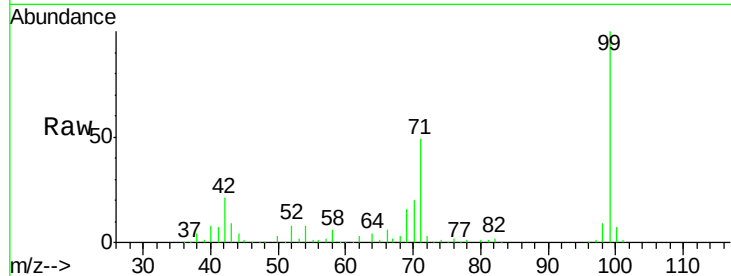
Tot Ion: 99 Resp: 259607

Ion Ratio Lower Upper

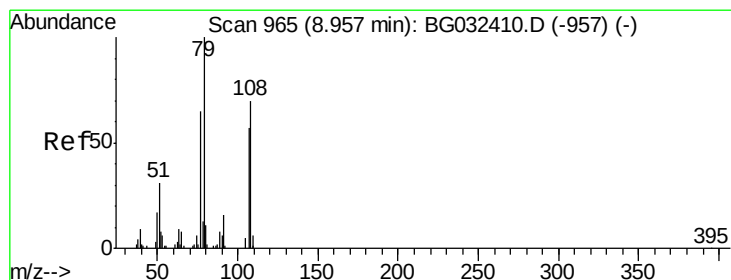
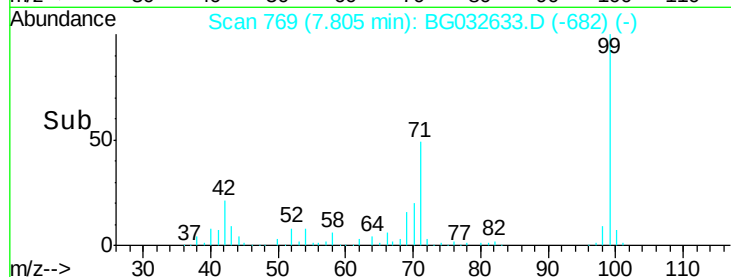
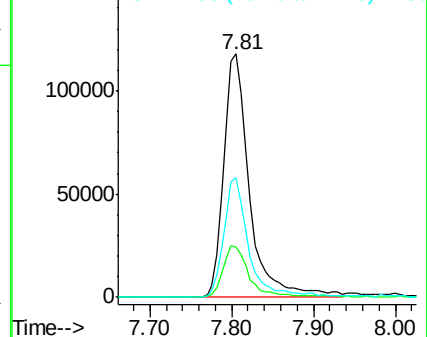
99 100

42 20.7 14.1 21.1

71 48.9 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: 2.20 ng

RT: 9.02 min Scan# 976

Delta R.T. 0.08 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

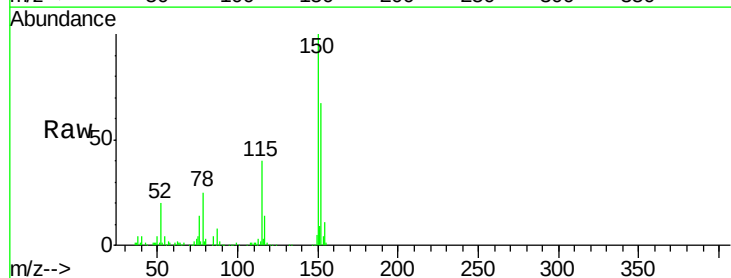
Tgt Ion: 79 Resp: 3874

Ion Ratio Lower Upper

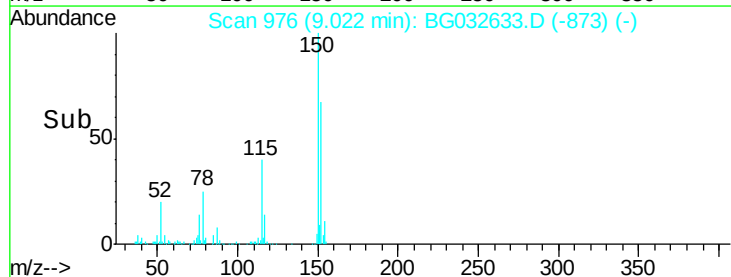
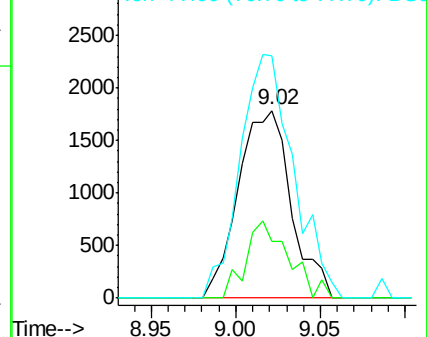
79 100

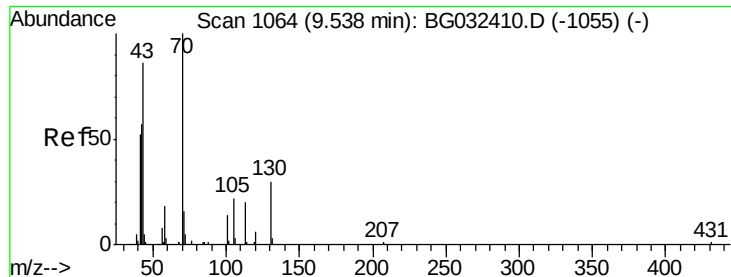
108 30.4 57.2 85.8#

77 129.2 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

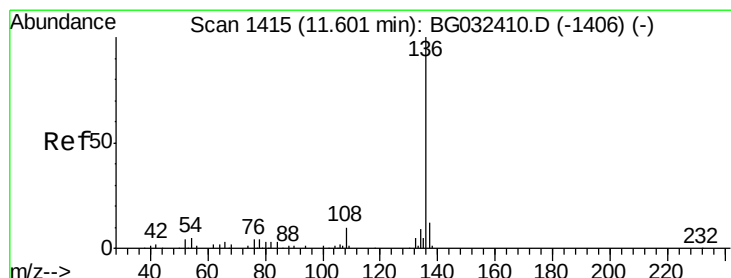
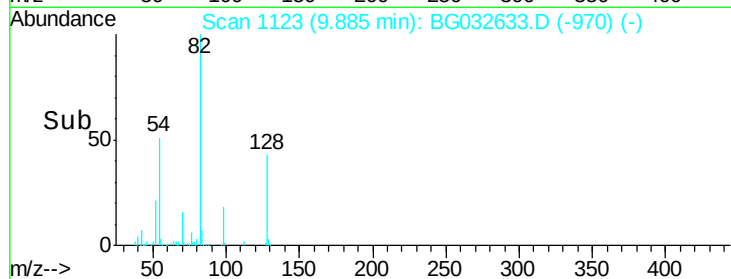
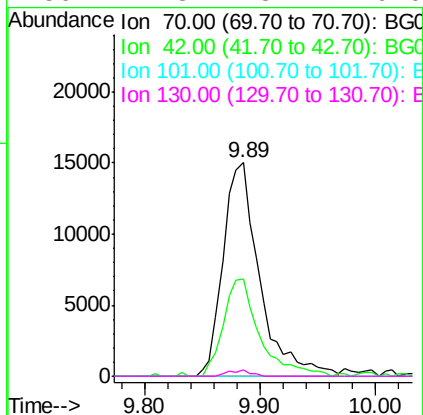
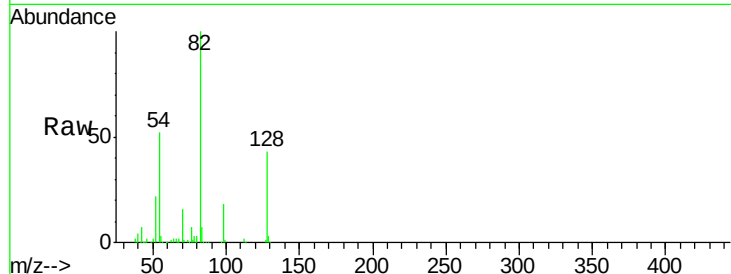




#19
 n-Nitroso-di-n-propylamine
 Concen: 23.25 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. 0.37 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

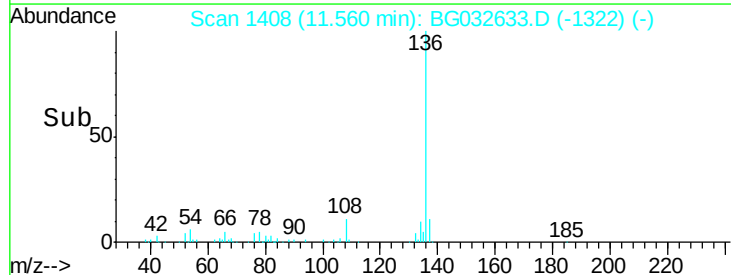
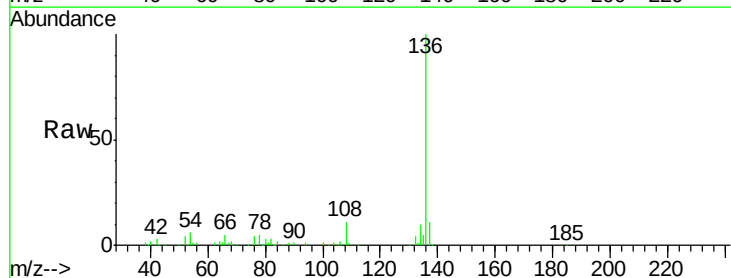
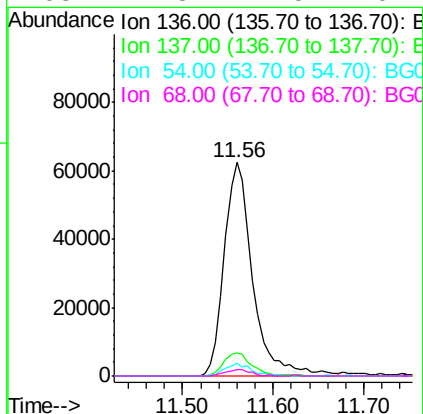
Instrument :
 BNA_G
 ClientSampleId :

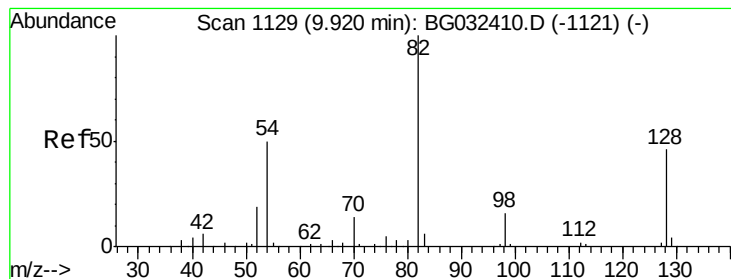
Tot Ion: 70 Resp: 32876
 Ion Ratio Lower Upper
 70 100
 42 45.4 49.1 73.7#
 101 0.0 8.5 12.7#
 130 2.8 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.56 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Tgt Ion: 136 Resp: 136692
 Ion Ratio Lower Upper
 136 100
 137 10.7 9.2 13.8
 54 6.4 10.3 15.5#
 68 2.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 101.29 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

ClientSampleId :

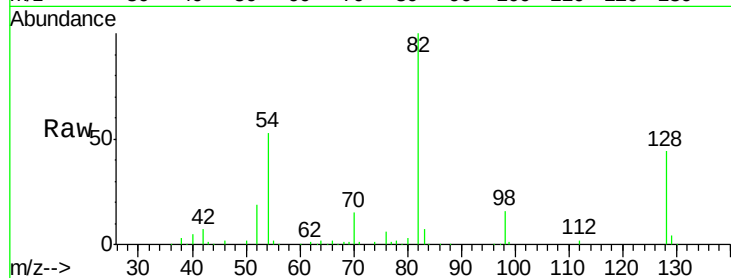
Tot Ion: 82 Resp: 221671

Ion Ratio Lower Upper

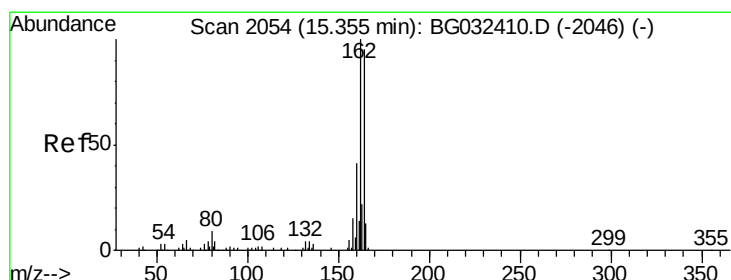
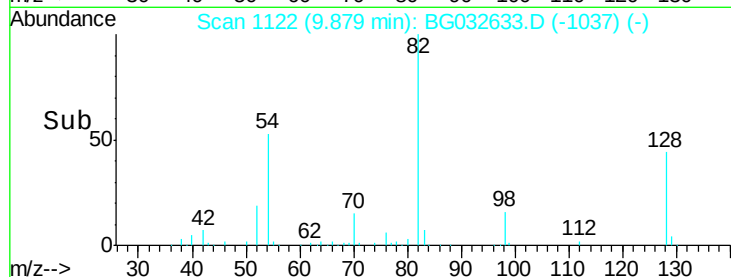
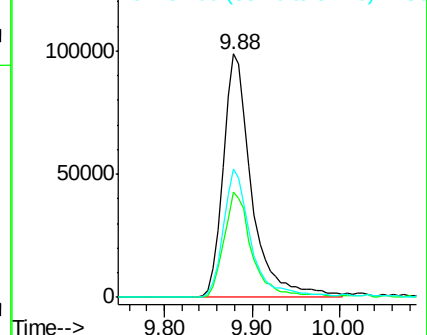
82 100

128 43.5 29.7 44.5

54 53.0 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

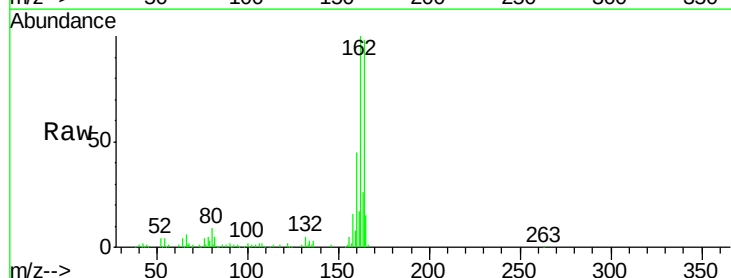
Tgt Ion:164 Resp: 113243

Ion Ratio Lower Upper

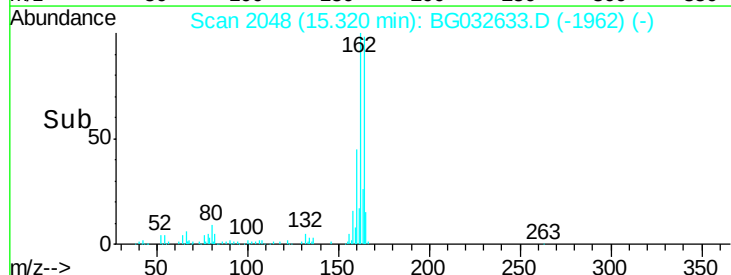
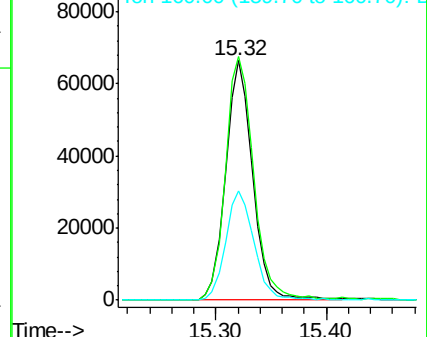
164 100

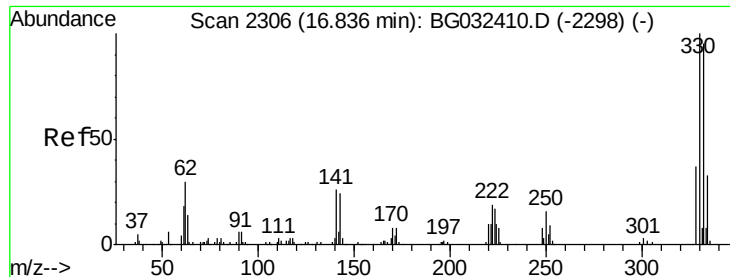
162 101.8 78.8 118.2

160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

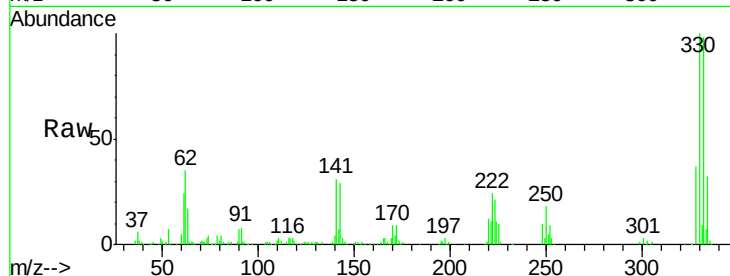




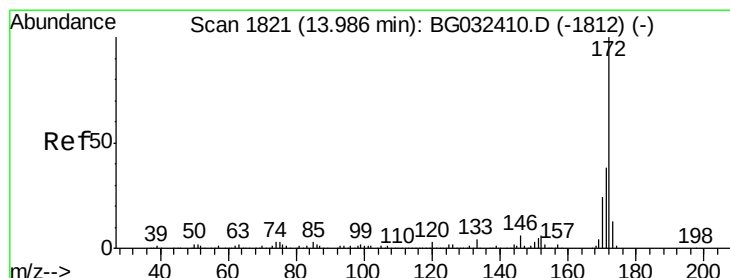
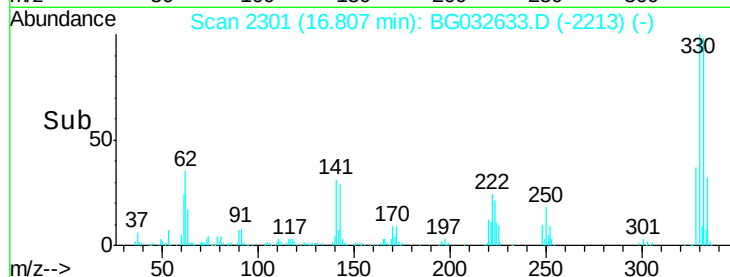
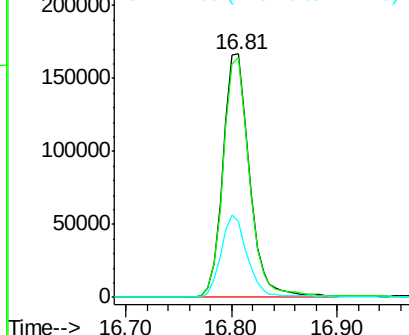
#41
 2,4,6-Tribromophenol
 Concen: 136.03 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 293225
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.2 25.2 37.8

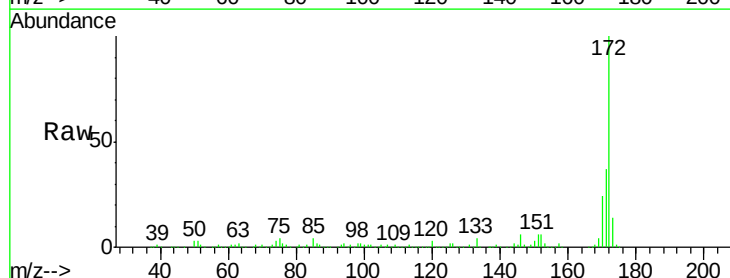


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

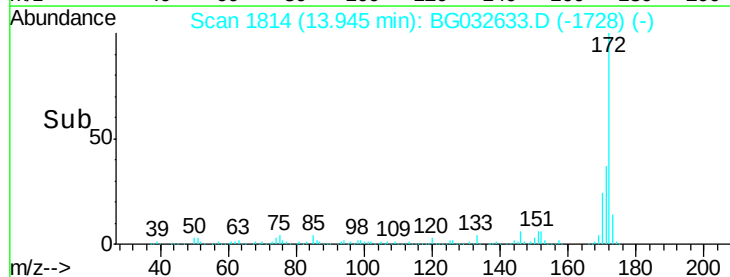
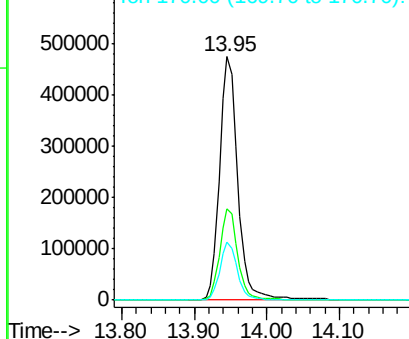


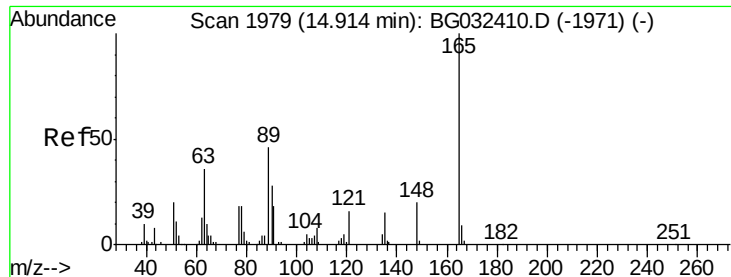
#44
 2-Fluorobiphenyl
 Concen: 87.55 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Tgt Ion:172 Resp: 834131
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.6 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

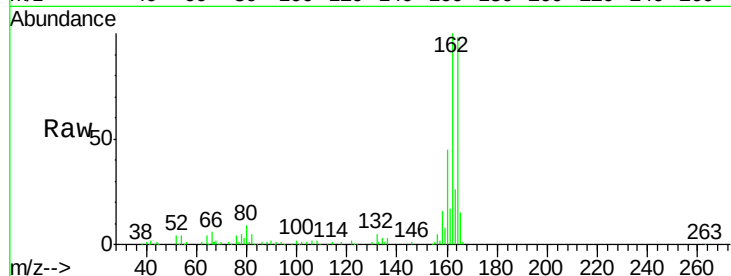




#50
2,6-Dinitrotoluene
Concen: 6.60 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Instrument :
BNA_G
ClientSampleId :

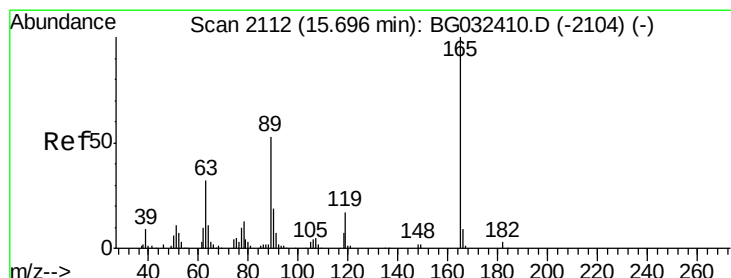
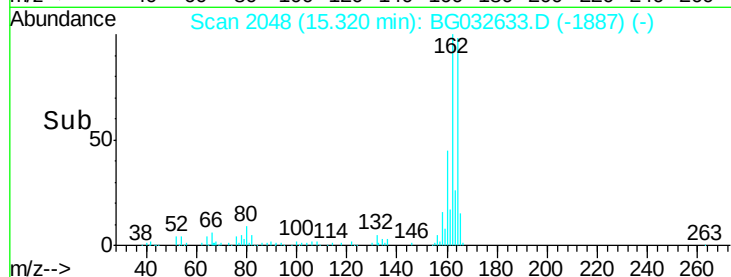
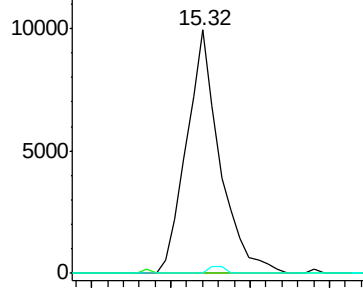
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

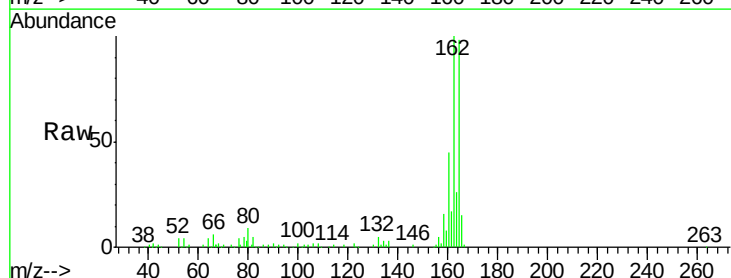
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 4.64 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Tgt 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#

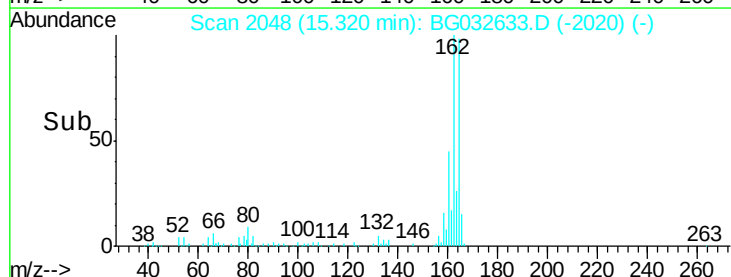
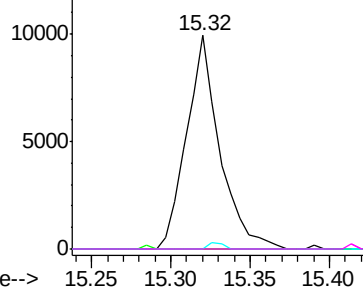


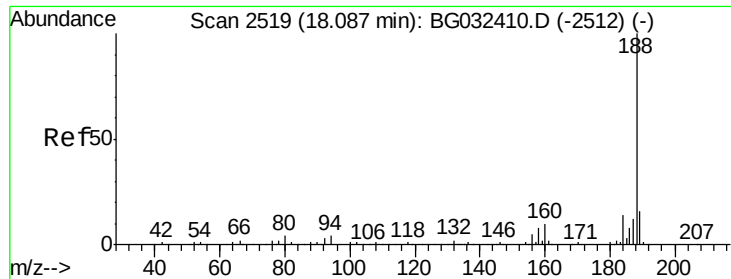
Abundance Ion 165.00 (164.70 to 165.70): E

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

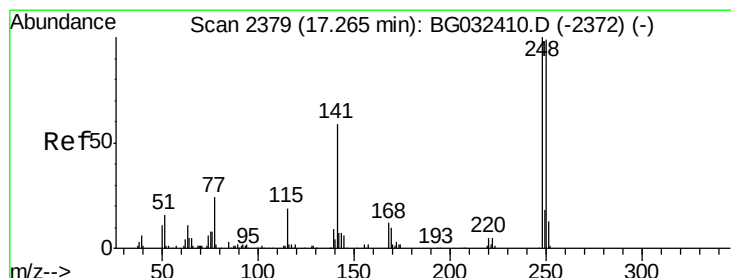
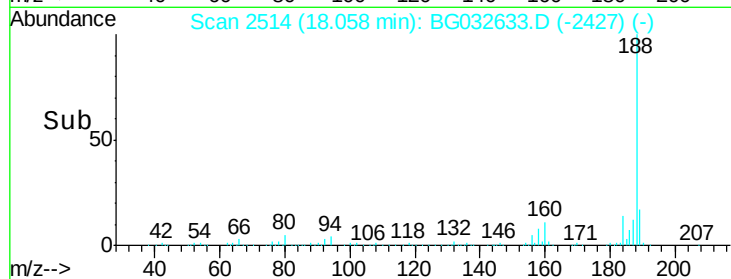
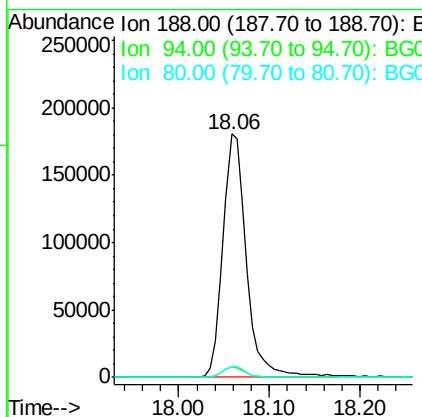
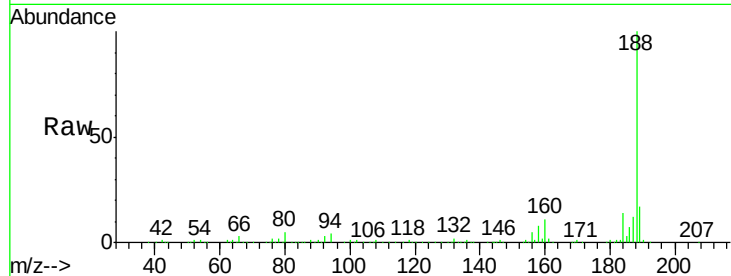




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

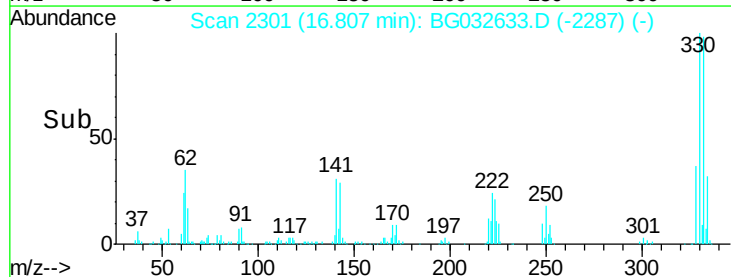
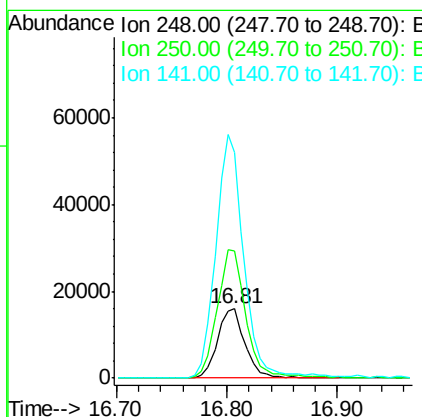
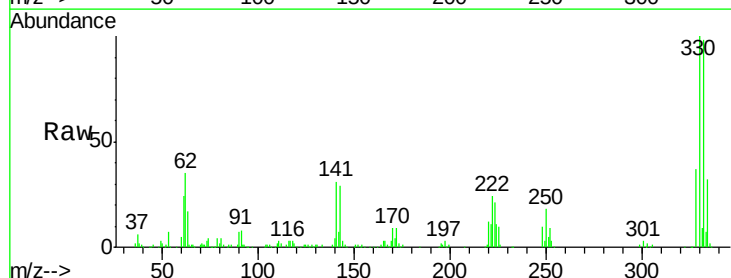
Instrument :
BNA_G
ClientSampled :

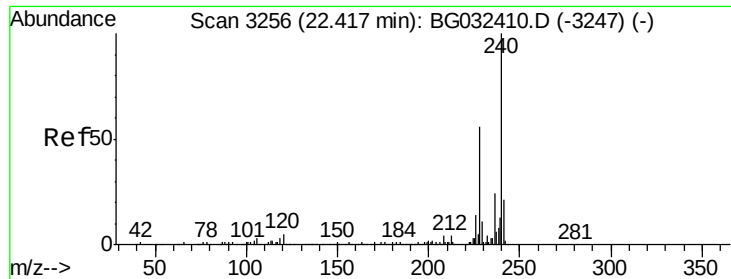
Tot Ion:188 Resp: 324829
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.76 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.45 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Tgt Ion:248 Resp: 27741
Ion Ratio Lower Upper
248 100
250 183.7 77.1 115.7#
141 326.4 50.8 76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

ClientSampled :

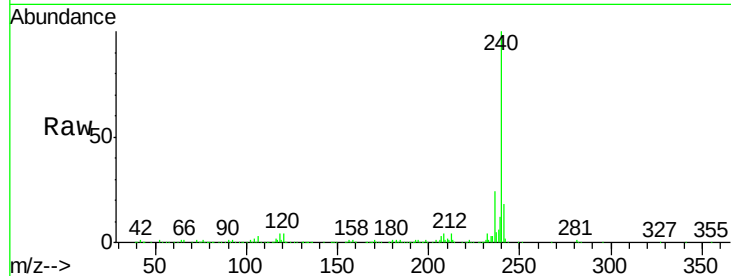
Tot Ion:240 Resp: 360681

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

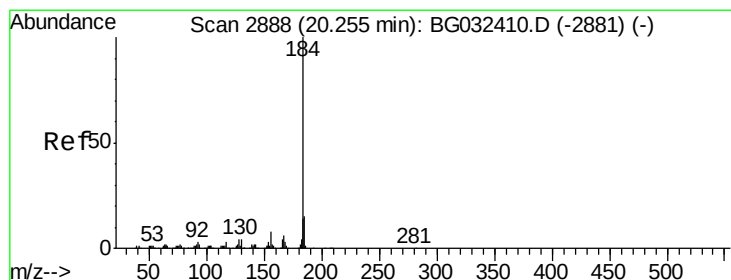
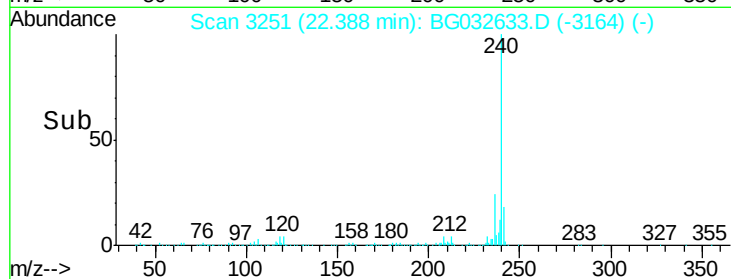
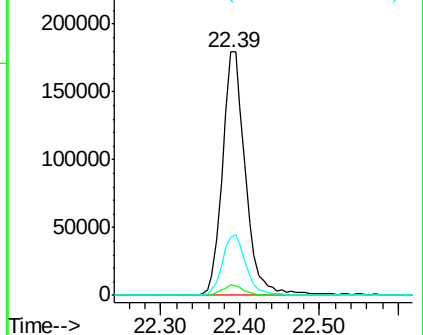
236 23.7 20.9 31.3



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: 4.07 ng

RT: 20.24 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

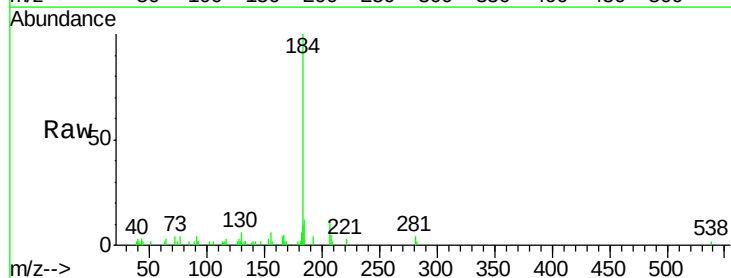
Tgt Ion:184 Resp: 28855

Ion Ratio Lower Upper

184 100

185 12.5 11.1 16.7

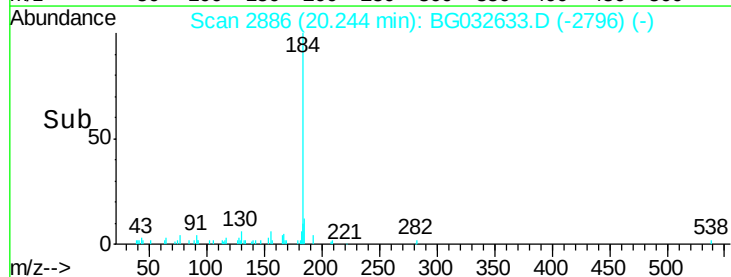
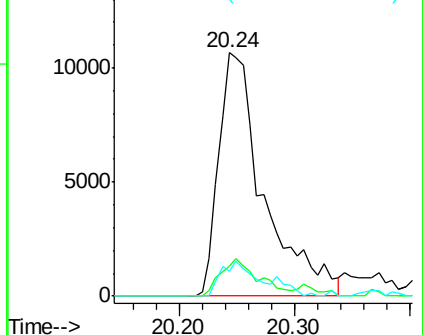
183 10.0 10.6 16.0#

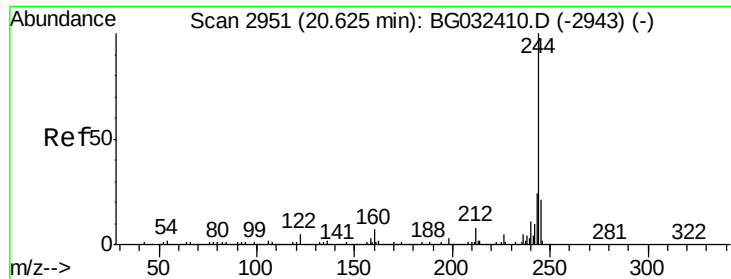


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.95 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

ClientSampleId :

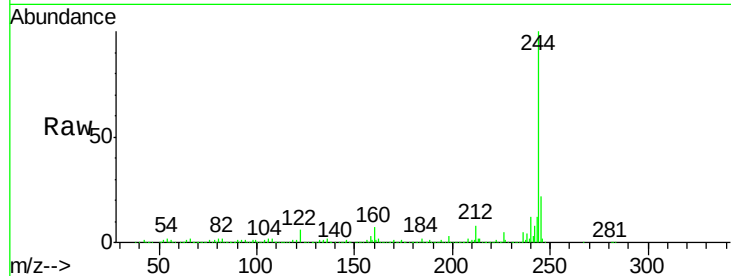
Tot Ion:244 Resp: 1565041

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

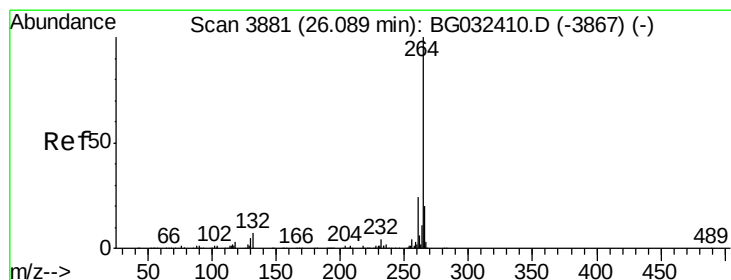
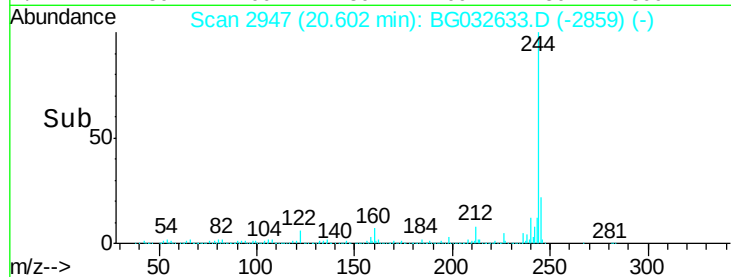
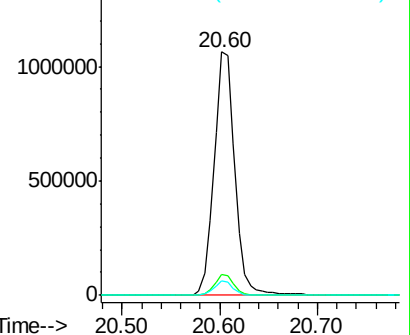
122 6.0 7.0 10.4#



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: 20.00 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.01 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

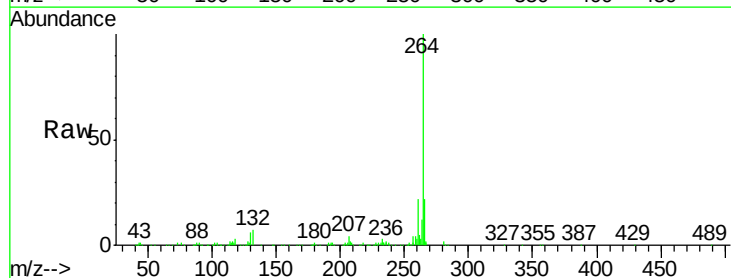
Tgt Ion:264 Resp: 366926

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.5 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

