

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040302.D
 Acq On : 2 Apr 2019 18:38
 Operator : JU/SJ
 Sample : K2179-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:51:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

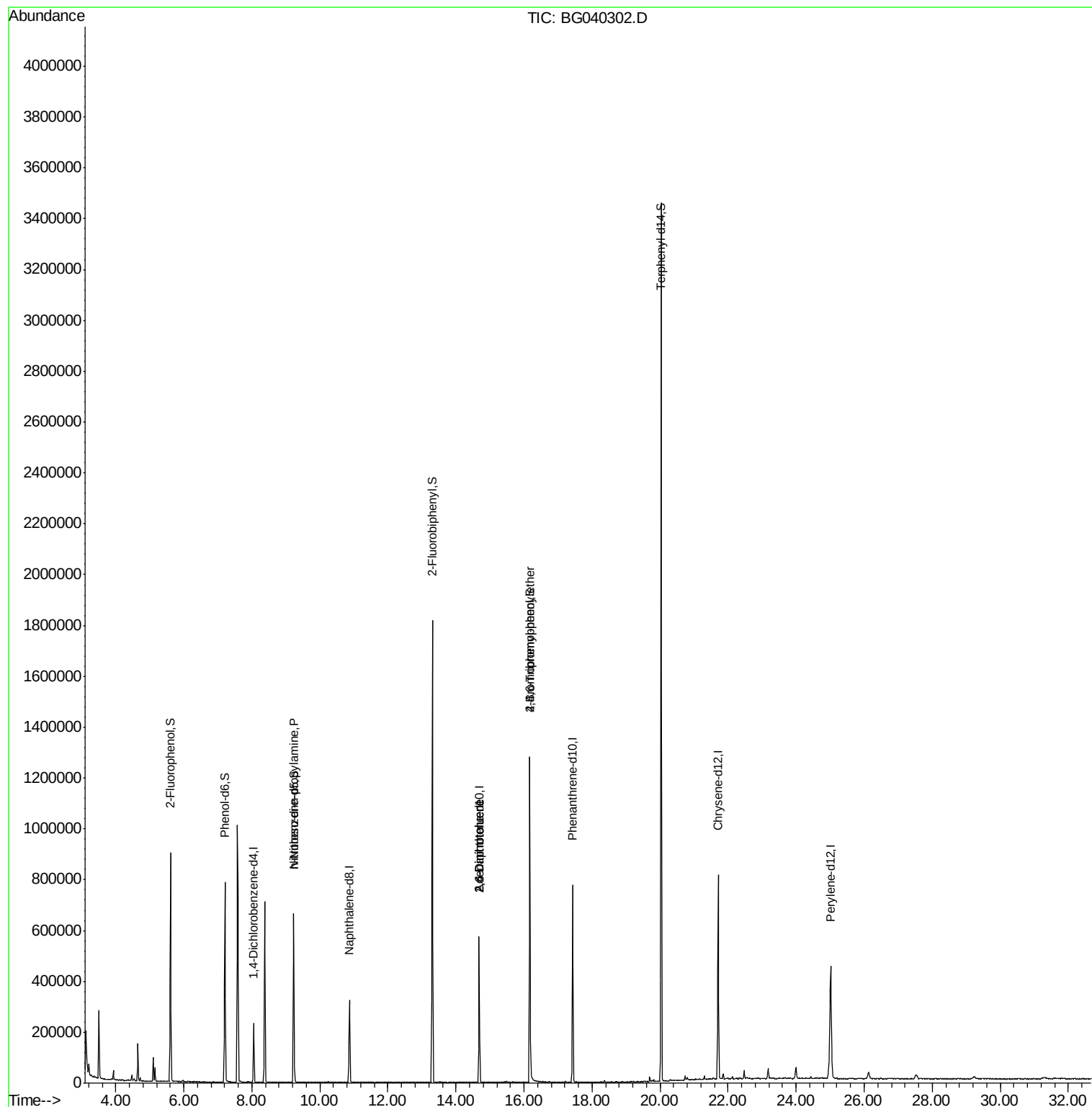
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65534	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	288563	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	205972	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	508882	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	508244	20.00	ng	-0.03
87) Perylene-d12	25.01	264	503264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	391892	99.41	ng	-0.01
7) Phenol-d6	7.20	99	487308	89.45	ng	-0.02
23) Nitrobenzene-d5	9.23	82	403567	74.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	242739	109.05	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	964285	69.37	ng	-0.02
79) Terphenyl-d14	20.03	244	1578978	69.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	50684	12.976	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	25617	7.077	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	25617	5.093	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	18490	3.229	ng	# 1

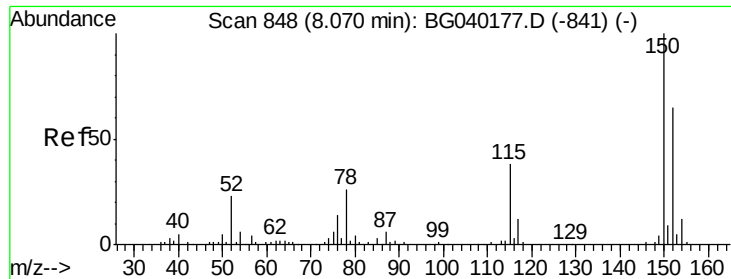
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
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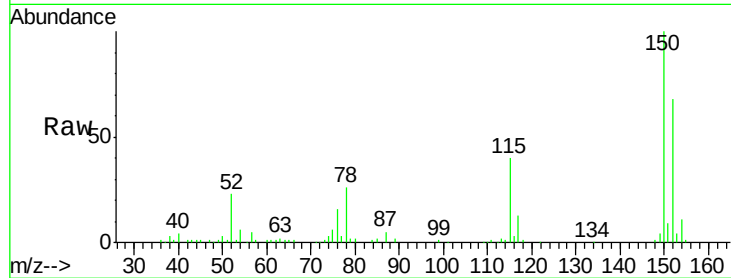


#1

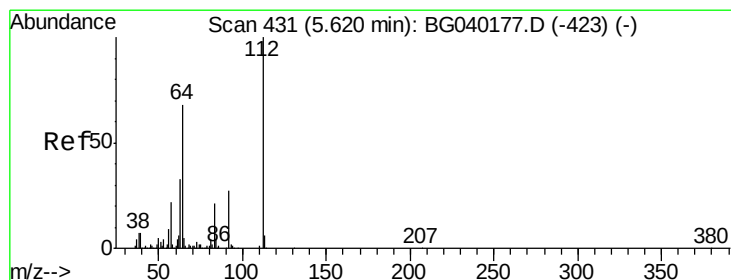
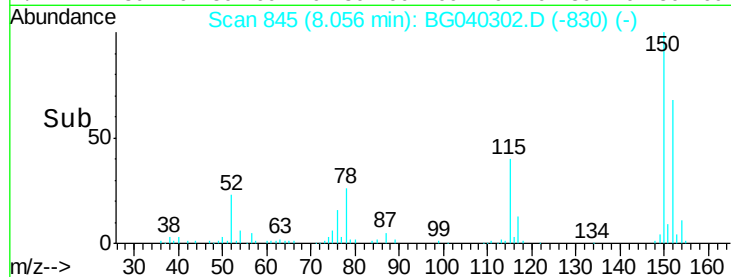
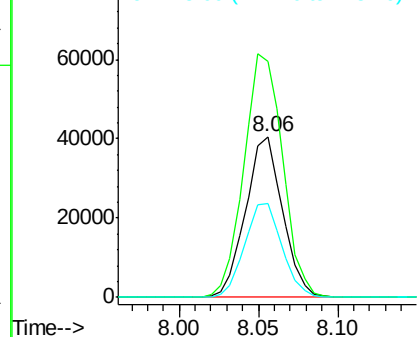
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65534
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 58.7 46.9 70.3



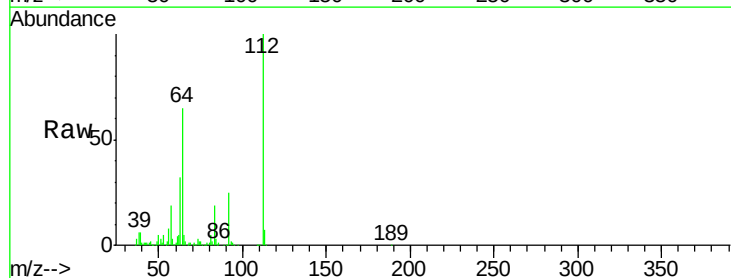
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



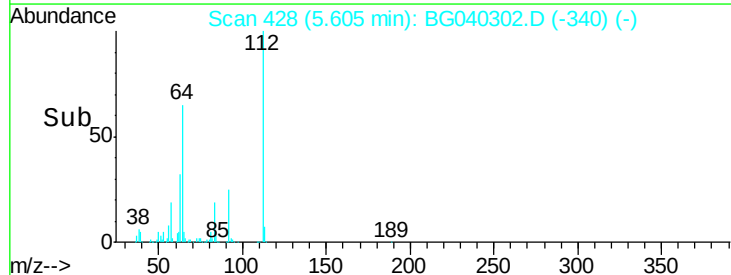
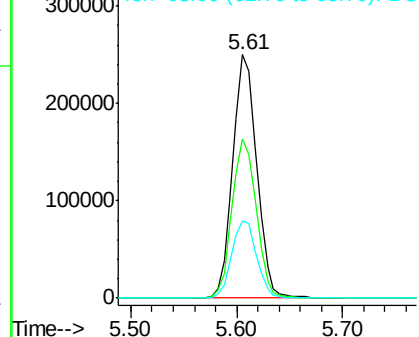
#5

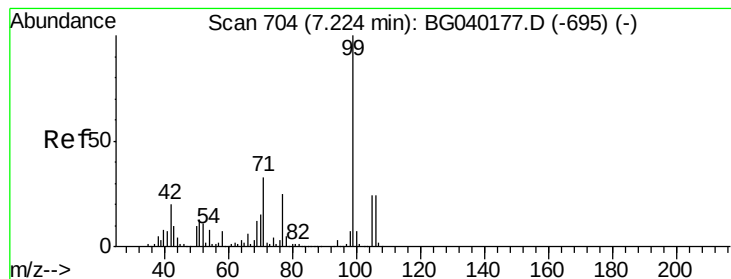
2-Fluorophenol
Concen: 99.412 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Tgt Ion:112 Resp: 391892
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.2
63 31.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.446 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

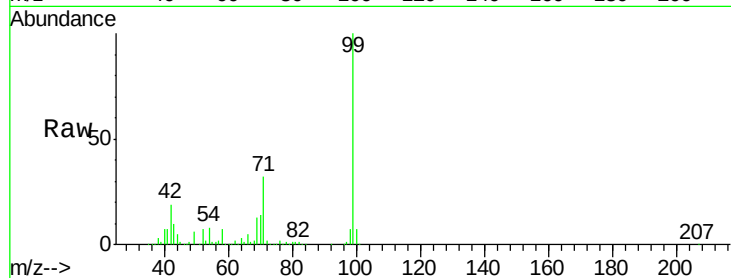
Tot Ion: 99 Resp: 487308

Ion Ratio Lower Upper

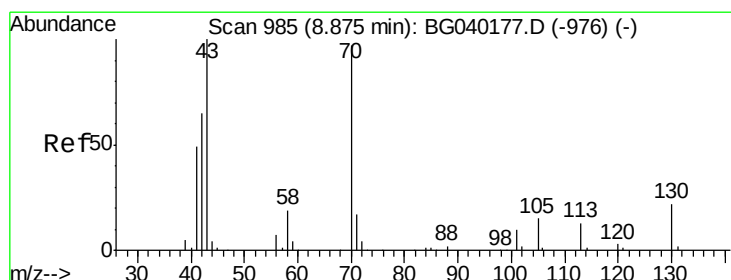
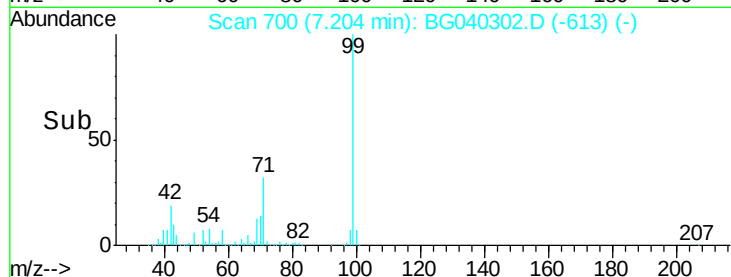
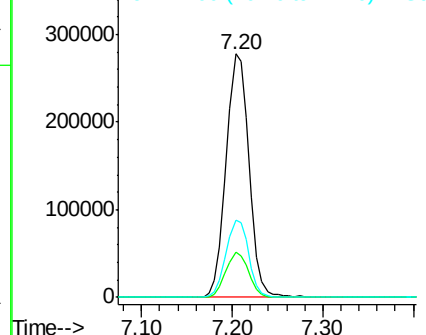
99 100

42 18.5 16.2 24.2

71 31.6 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.976 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

Tgt Ion: 70 Resp: 50684

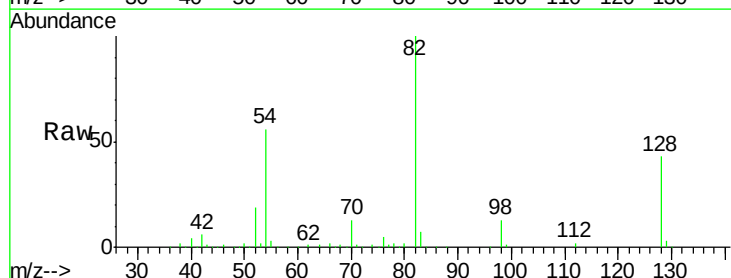
Ion Ratio Lower Upper

70 100

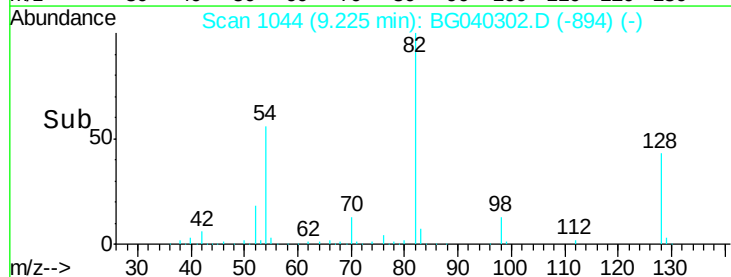
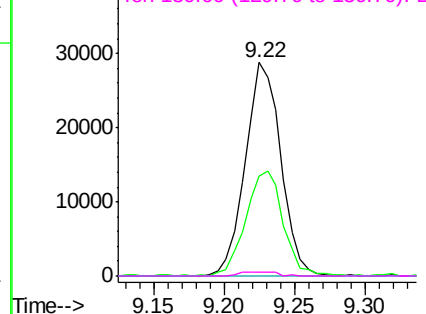
42 46.8 54.0 81.0#

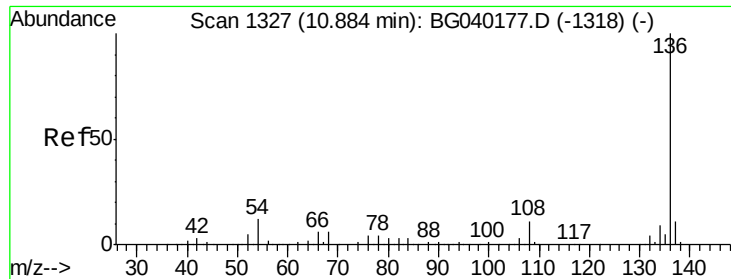
101 0.0 8.6 13.0#

130 2.1 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

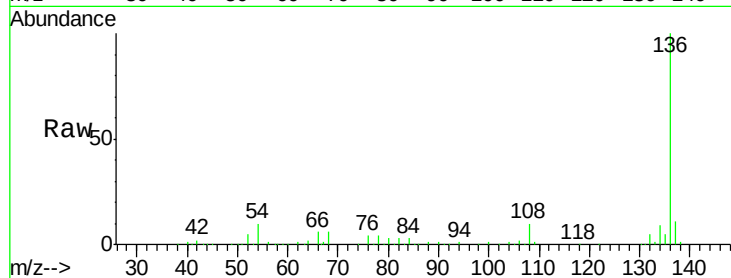




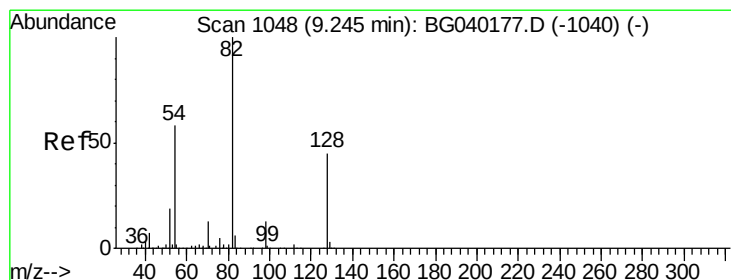
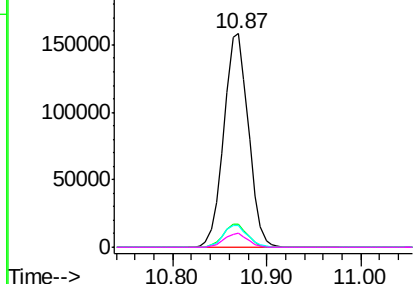
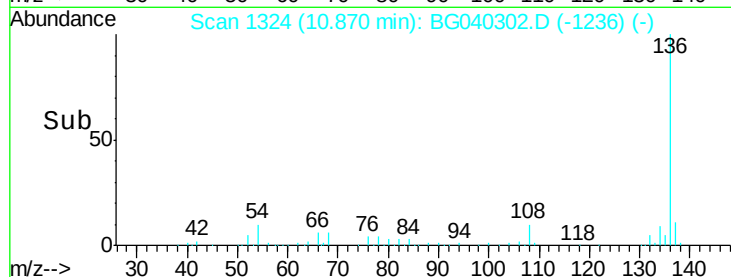
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	288563
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	9.9	9.6 14.4
68	6.4	5.1 7.7

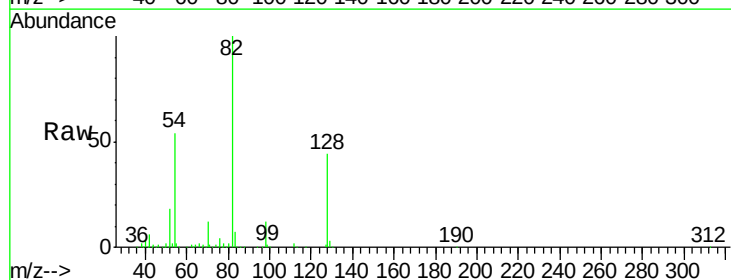


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

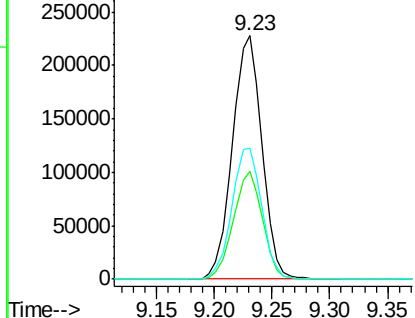
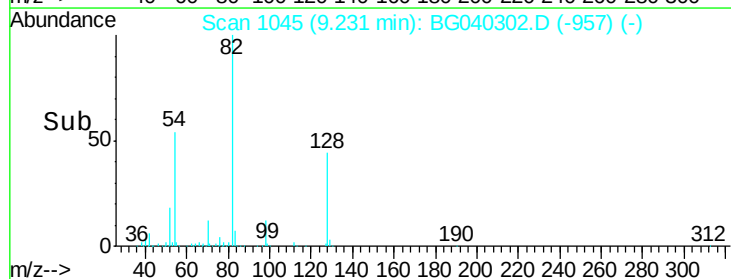


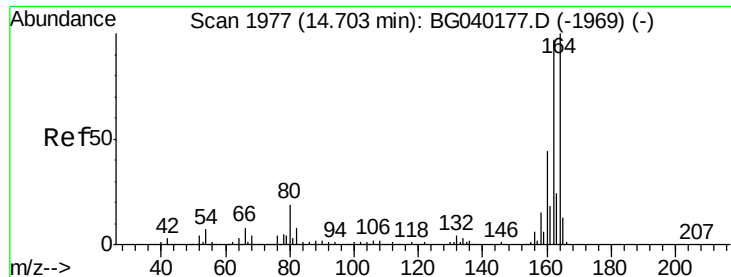
#23
Nitrobenzene-d5
Concen: 74.337 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Tgt Ion: 82	Resp:	403567
Ion Ratio	Lower	Upper
82	100	
128	44.3	35.8 53.8
54	54.0	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

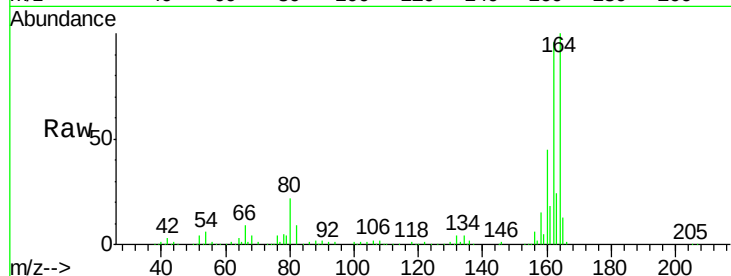
Tot Ion:164 Resp: 205972

Ion Ratio Lower Upper

164 100

162 96.2 77.4 116.2

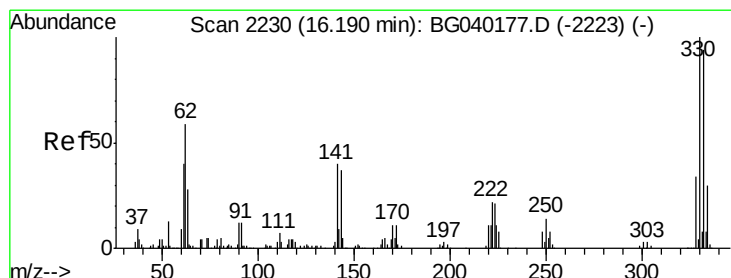
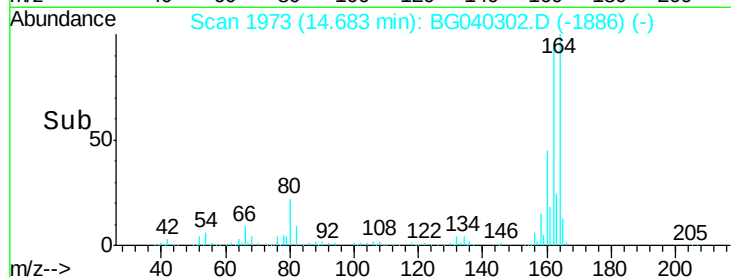
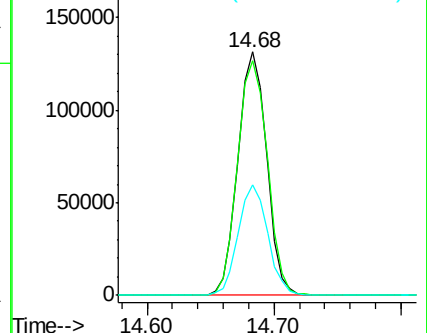
160 45.4 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 109.046 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

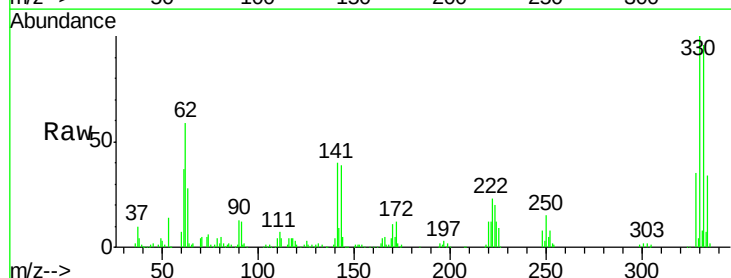
Tgt Ion:330 Resp: 242739

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

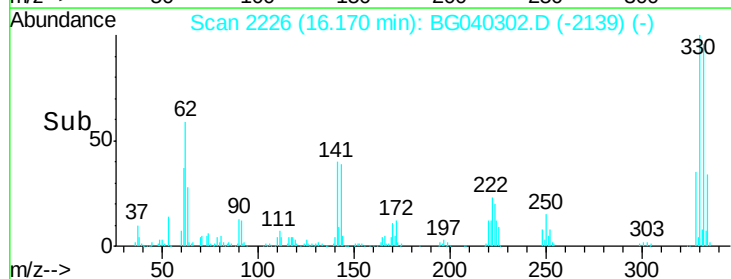
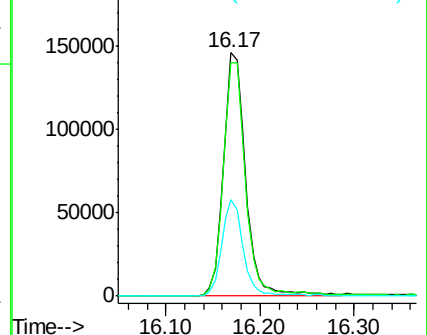
141 38.4 32.6 48.8

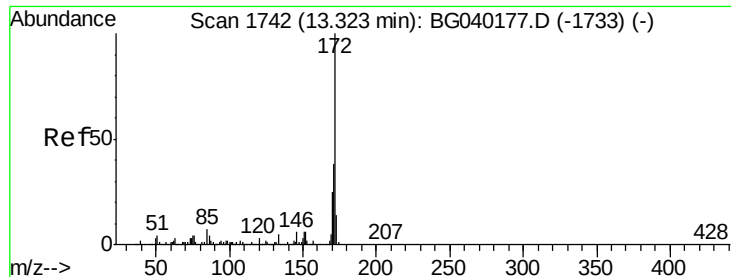


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 69.371 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

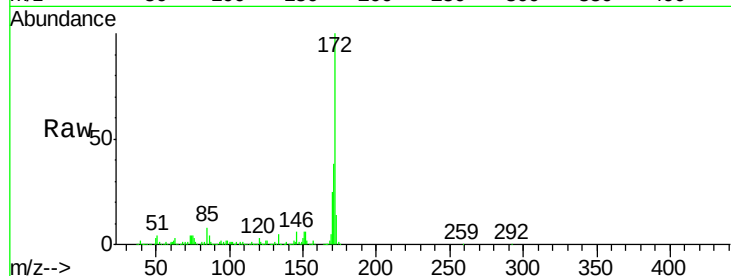
Tot Ion:172 Resp: 964285

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

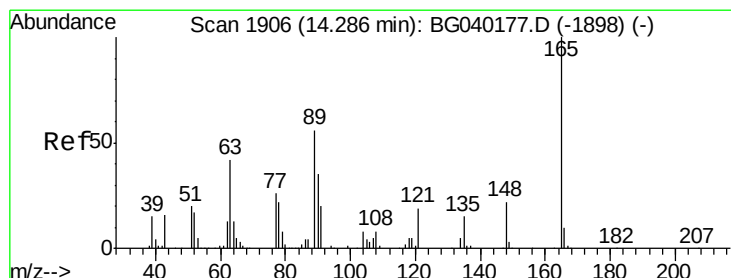
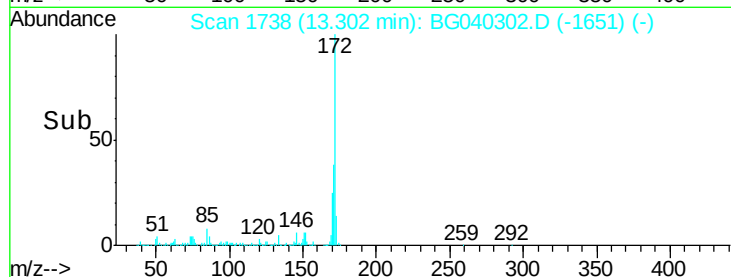
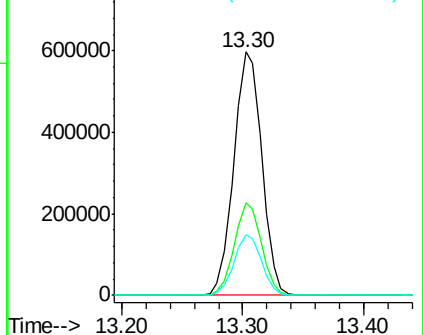
170 24.9 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.077 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.40 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

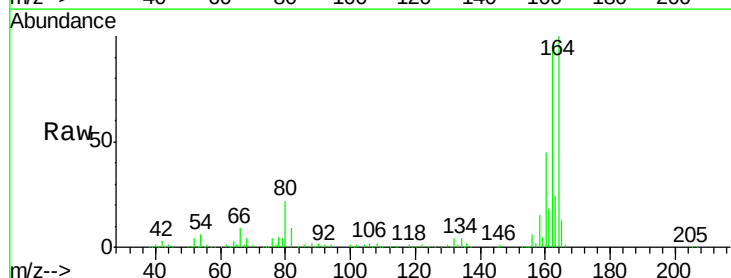
Tgt Ion:165 Resp: 25617

Ion Ratio Lower Upper

165 100

63 1.7 44.1 66.1#

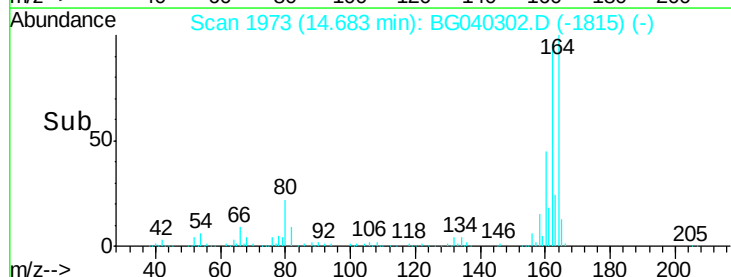
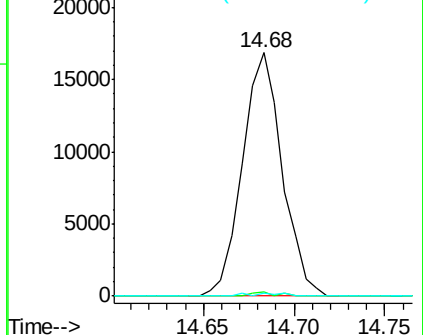
89 1.3 44.9 67.3#

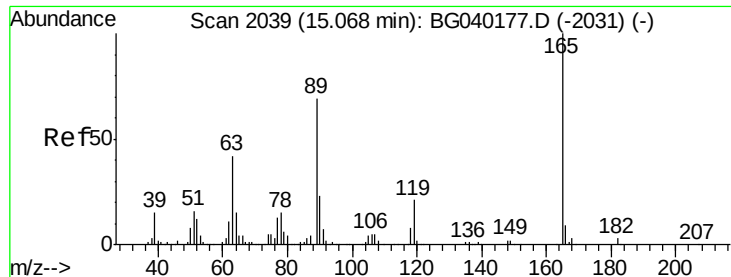


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

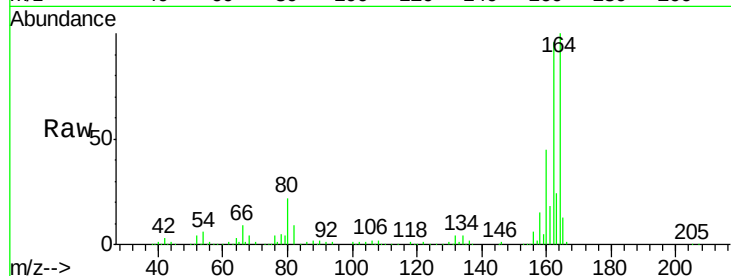




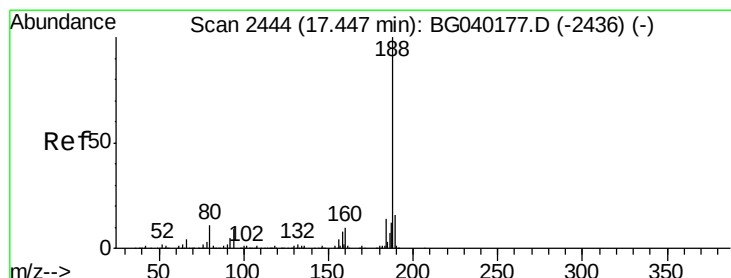
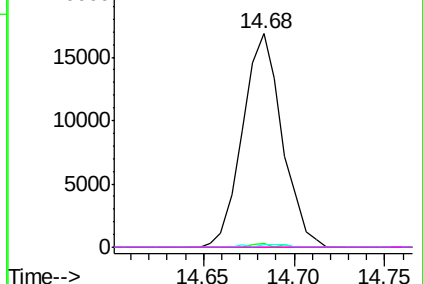
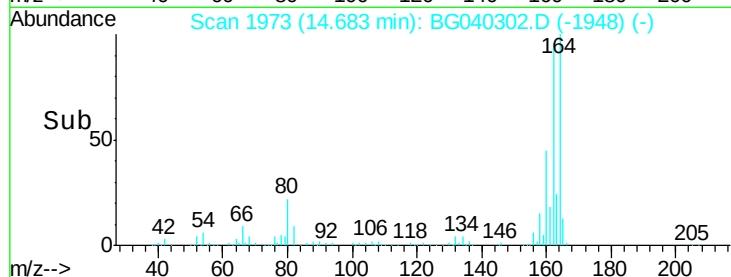
#57
 2,4-Dinitrotoluene
 Concen: 5.093 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG040302.D
 Acq: 2 Apr 2019 18:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 25617
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.8 50.6#
 89 1.3 55.4 83.2#
 182 0.0 2.2 3.4#

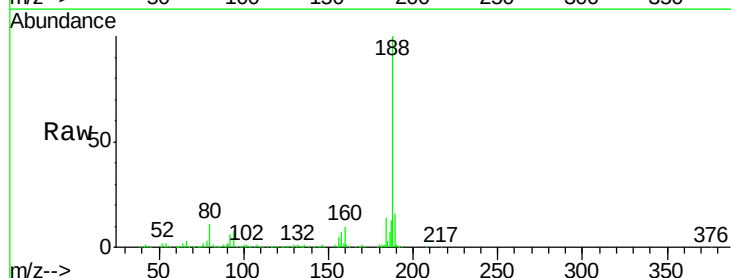


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

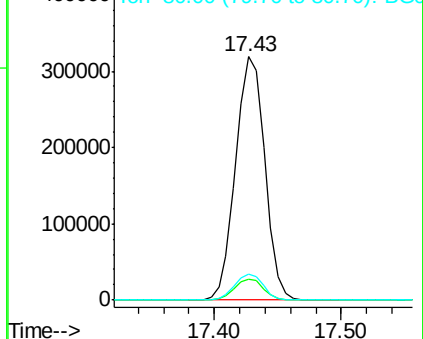
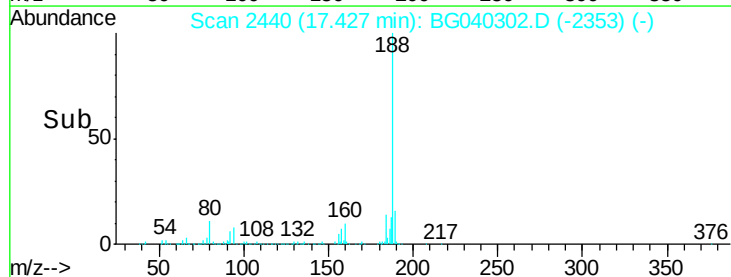


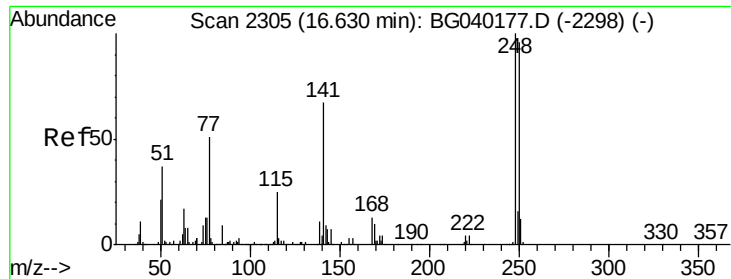
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040302.D
 Acq: 2 Apr 2019 18:38

Tgt Ion:188 Resp: 508882
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.4
 80 10.7 8.6 13.0



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

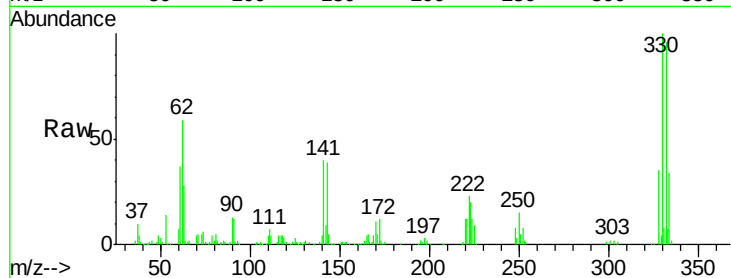




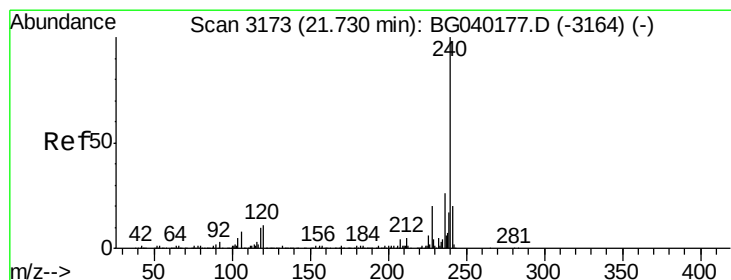
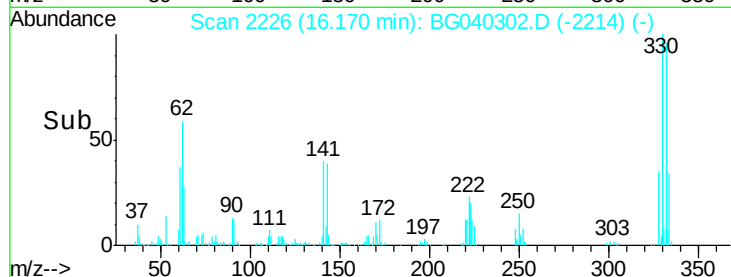
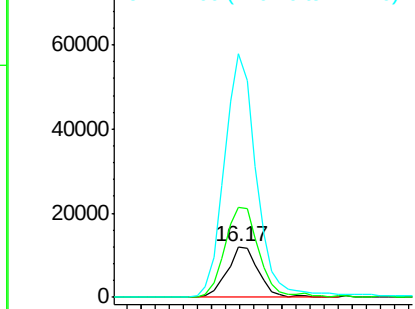
#67
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18490
Ion Ratio Lower Upper
248 100
250 178.6 76.4 114.6#
141 480.4 53.8 80.8#

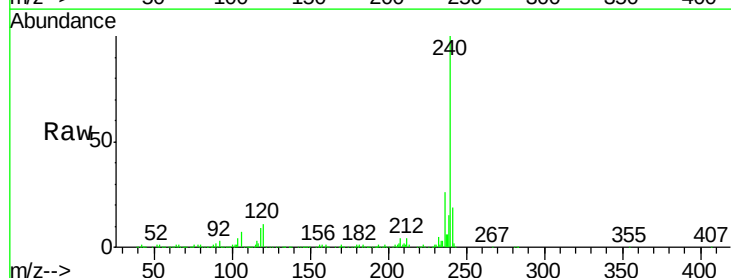


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

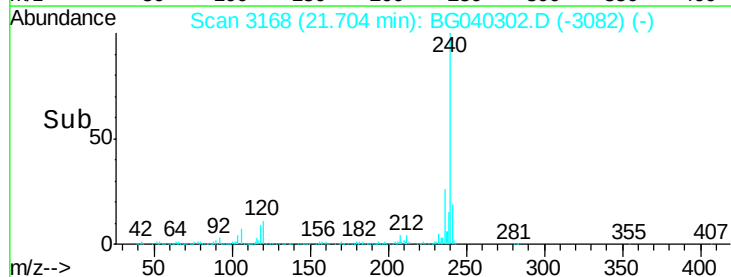
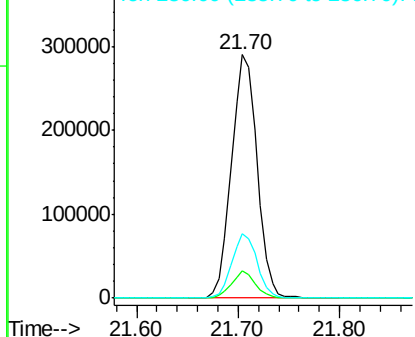


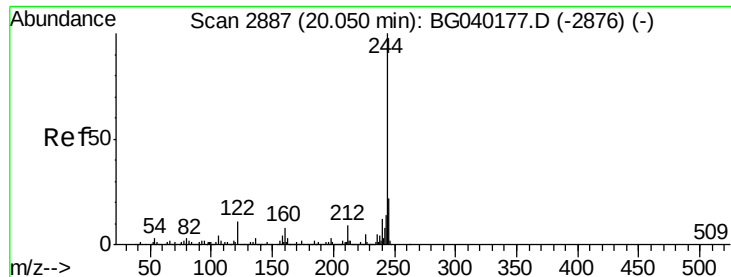
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG040302.D
Acq: 2 Apr 2019 18:38

Tgt Ion:240 Resp: 508244
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.3 20.8 31.2



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





#79

Terphenyl-d14

Concen: 69.891 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

Instrument :

BNA_G

ClientSampled :

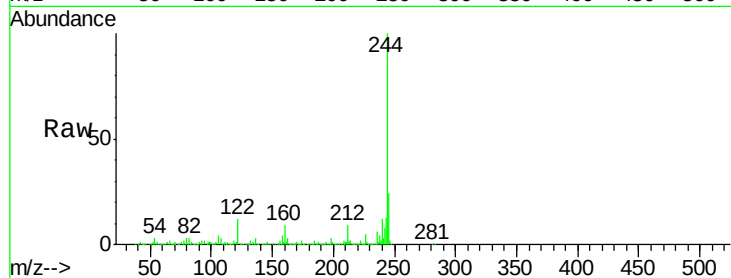
Tot Ion:244 Resp: 1578978

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

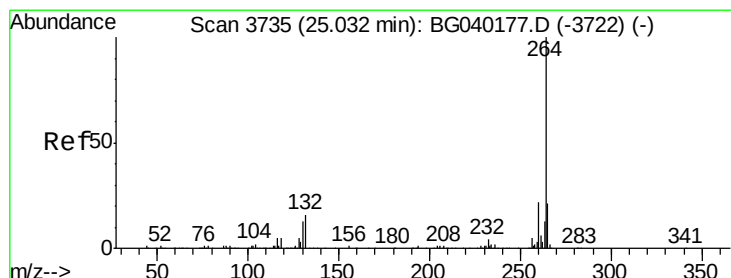
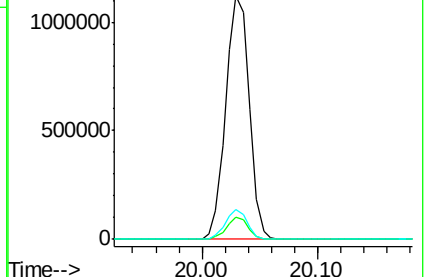
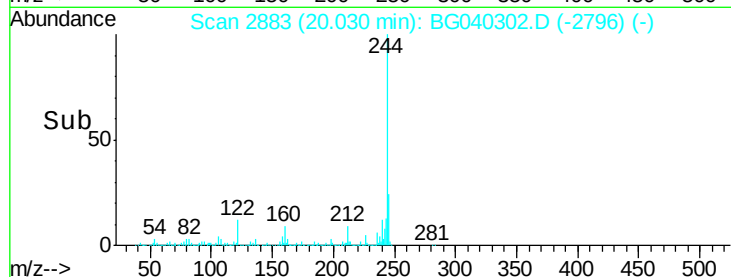
122 12.2 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040302.D

Acq: 2 Apr 2019 18:38

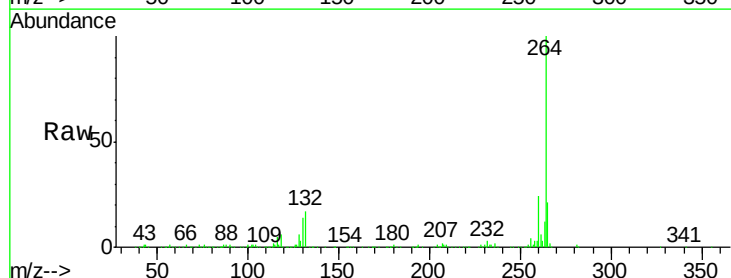
Tgt Ion:264 Resp: 503264

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.5 16.8 25.2



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

