

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038053.D
 Acq On : 17 Nov 2018 3:51
 Operator : JU/SJ
 Sample : J5967-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(16-18)

Quant Time: Nov 17 06:11:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

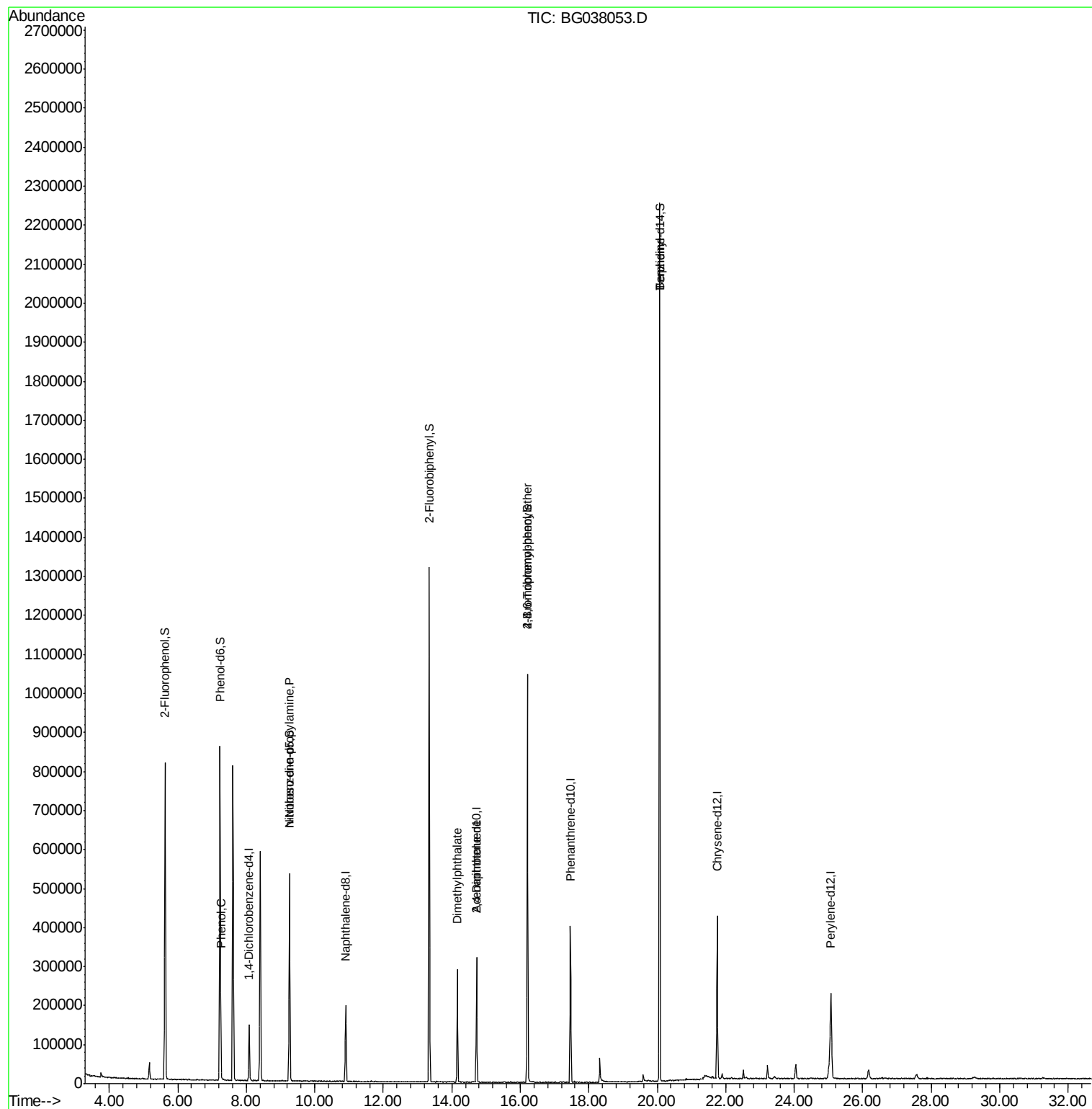
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42620	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	177836	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112678	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	261295	20.00	ng	0.00
76) Chrysene-d12	21.75	240	250076	20.00	ng	0.00
87) Perylene-d12	25.07	264	258202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376496	152.52	ng	0.00
7) Phenol-d6	7.24	99	532011	150.98	ng	0.00
23) Nitrobenzene-d5	9.26	82	327015	98.43	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	180733	140.64	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	715177	92.47	ng	0.00
79) Terphenyl-d14	20.07	244	1038026	97.67	ng	0.00
Target Compounds						
10) Phenol	7.26	94	31975	8.567	ng	97
19) n-Nitroso-di-n-propylamine	9.26	70	43015	16.871	ng	# 71
50) Dimethylphthalate	14.16	163	201322	22.537	ng	99
57) 2,4-Dinitrotoluene	14.72	165	14114	5.131	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	13218	4.609	ng	# 1
77) Benzidine	20.07	184	17670	2.014	ng	# 93

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

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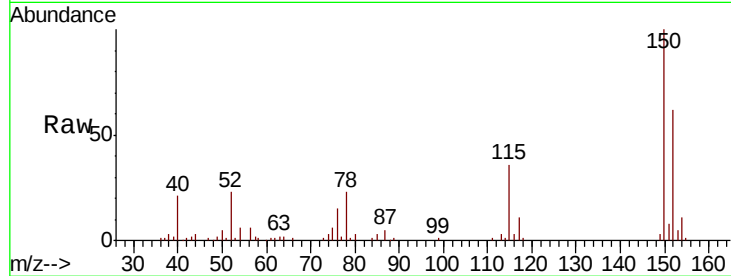


#1

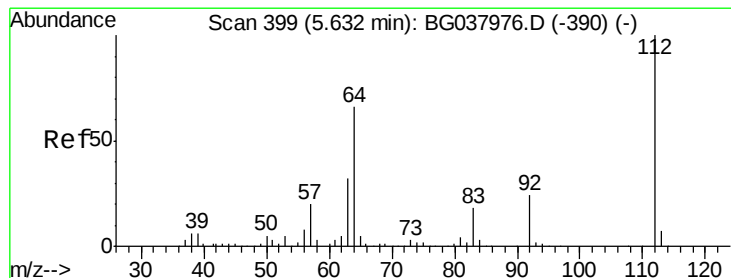
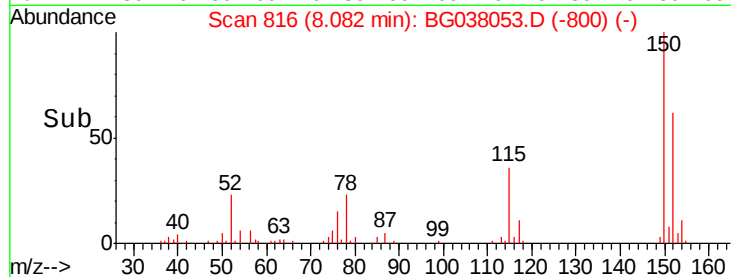
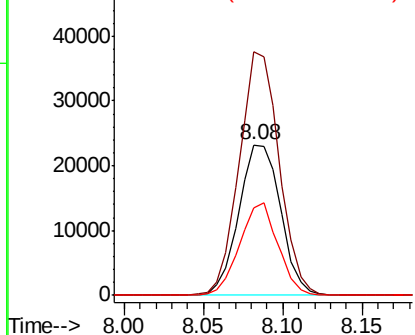
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(16-18)

Tgt Ion:152 Resp: 42620
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.0 189.0
 115 57.8 45.5 68.3



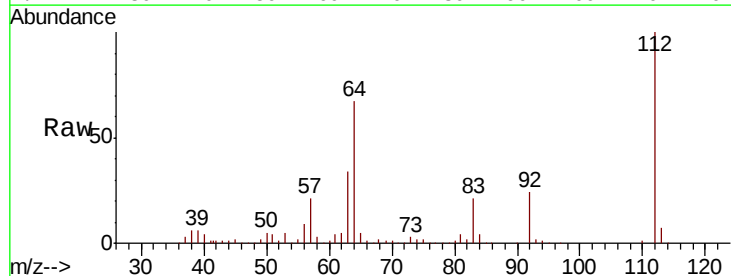
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



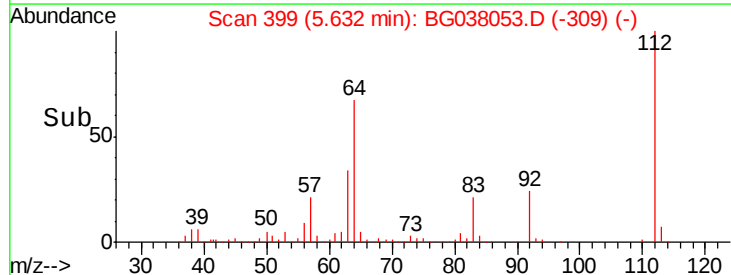
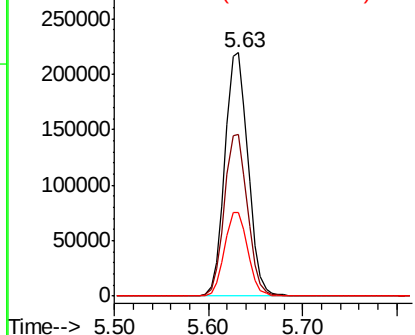
#5

2-Fluorophenol
 Concen: 152.521 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

Tgt Ion:112 Resp: 376496
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.1 79.7
 63 34.3 27.3 40.9



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: 150.984 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Instrument :

BNA_G

ClientSampleId :

FDSB-13(16-18)

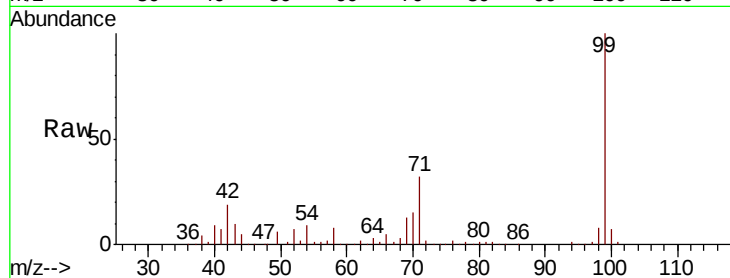
Tgt Ion: 99 Resp: 532011

Ion Ratio Lower Upper

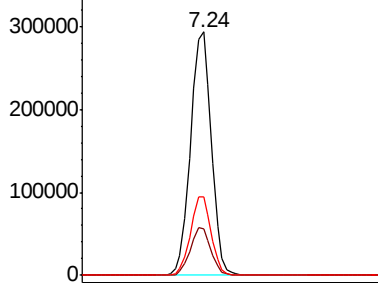
99 100

42 19.1 15.0 22.4

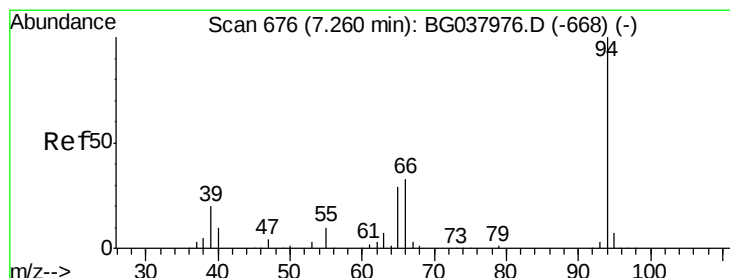
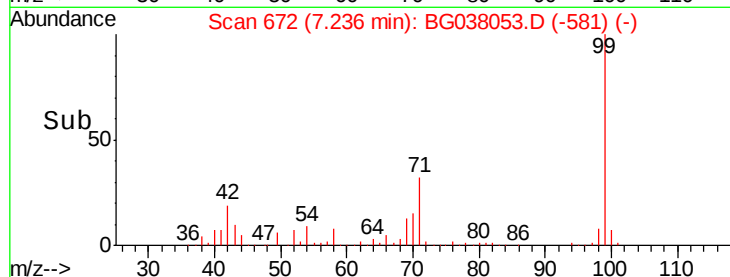
71 32.2 25.5 38.3



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



Time-->



#10

Phenol

Concen: 8.567 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

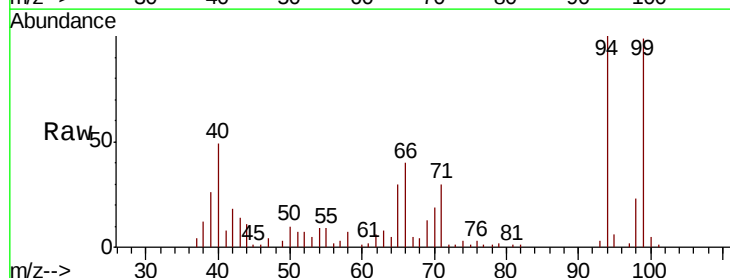
Tgt Ion: 94 Resp: 31975

Ion Ratio Lower Upper

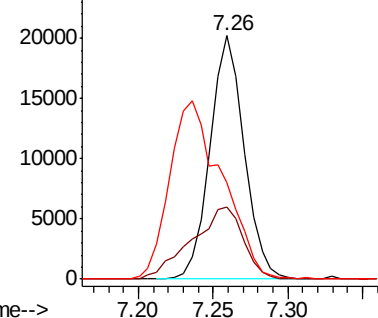
94 100

65 29.6 9.7 49.7

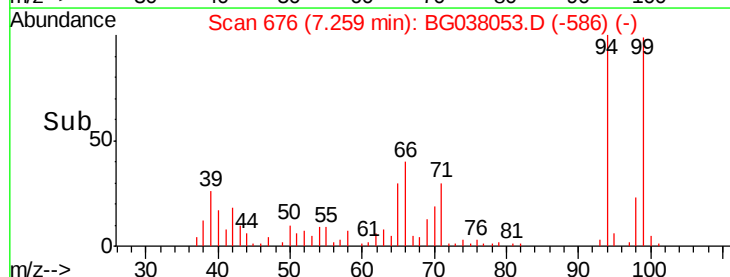
66 39.5 15.9 55.9

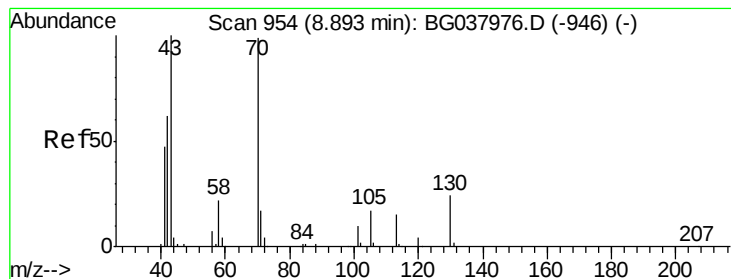


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 16.871 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Instrument :

BNA_G

ClientSampleId :

FDSB-13(16-18)

Tgt Ion: 70 Resp: 43015

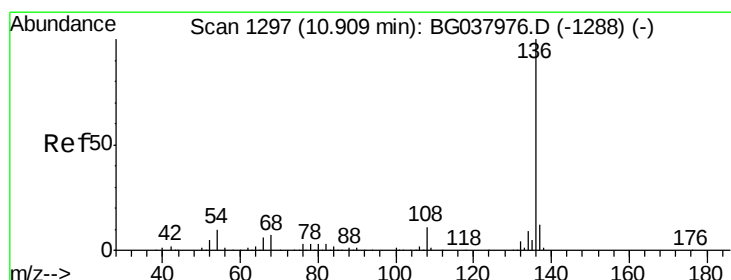
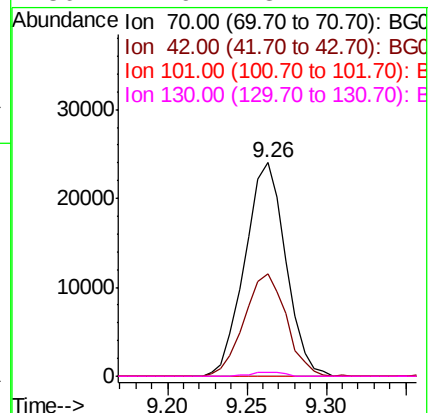
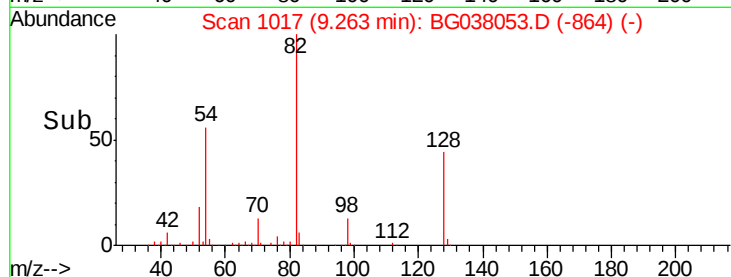
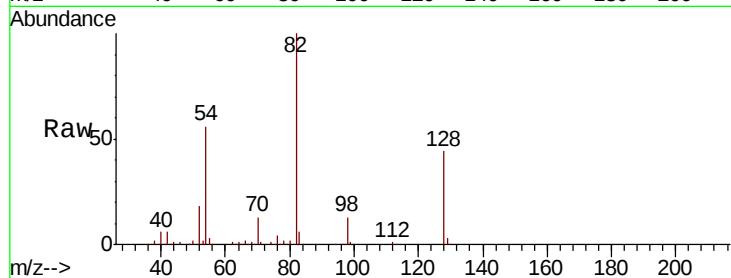
Ion Ratio Lower Upper

70 100

42 47.8 53.9 80.9#

101 0.0 8.2 12.2#

130 1.9 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Tgt Ion: 136 Resp: 177836

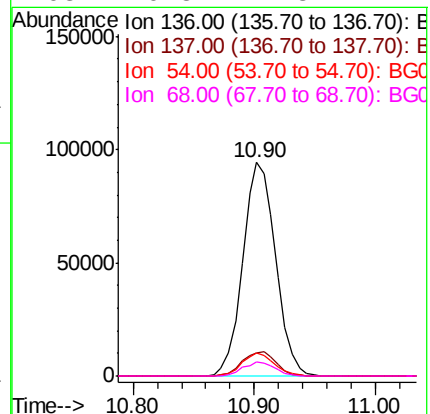
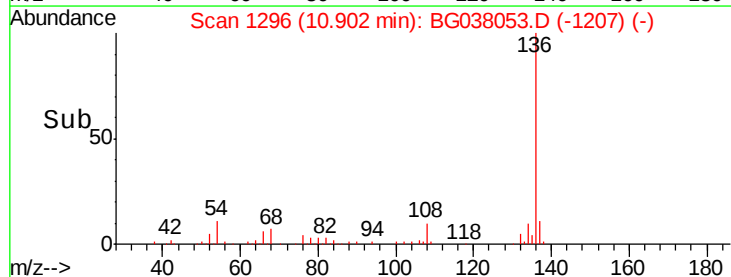
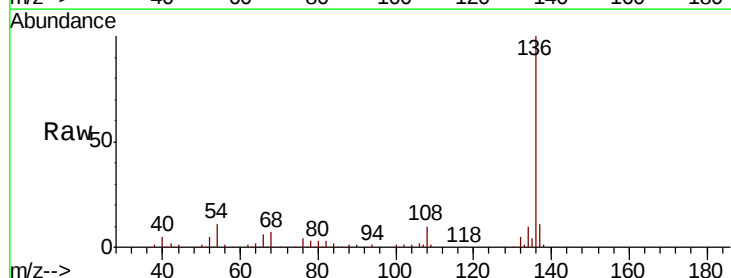
Ion Ratio Lower Upper

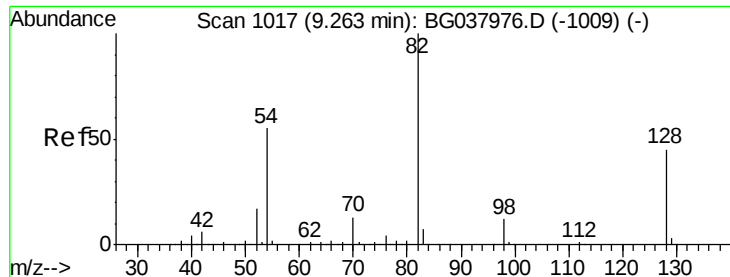
136 100

137 10.8 9.6 14.4

54 11.1 7.9 11.9

68 6.8 4.8 7.2

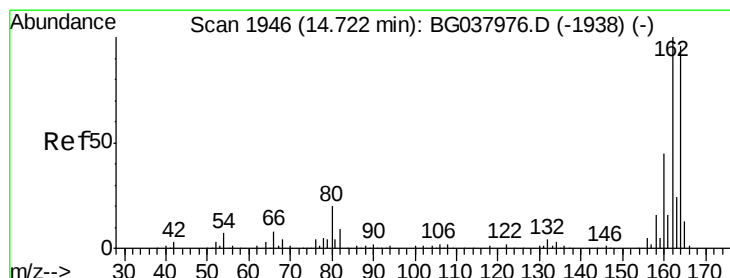
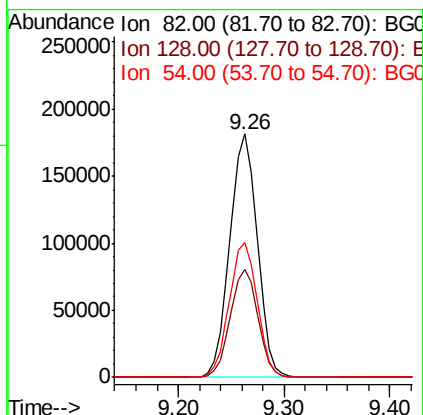
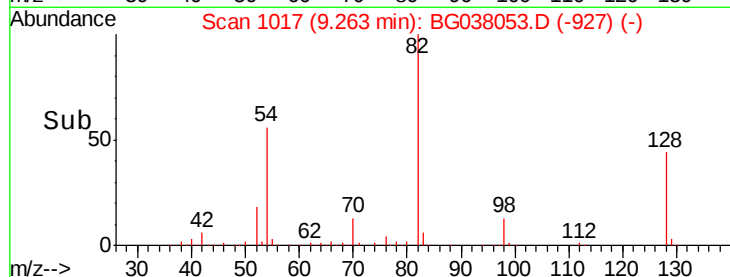
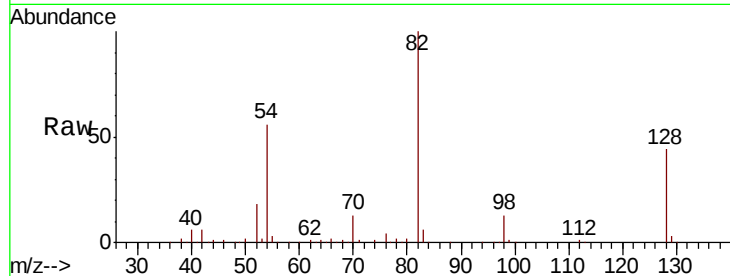




#23
 Nitrobenzene-d5
 Concen: 98.435 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

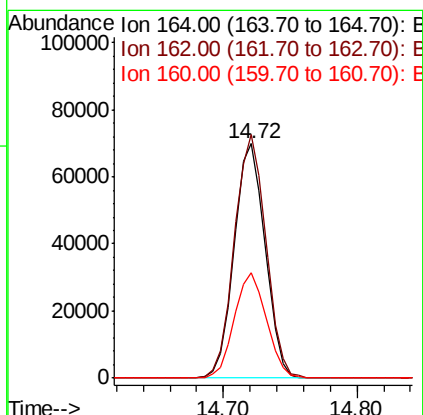
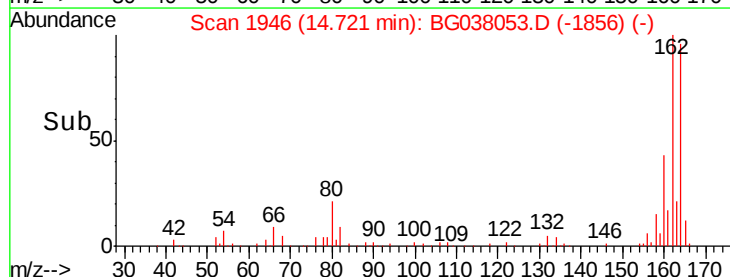
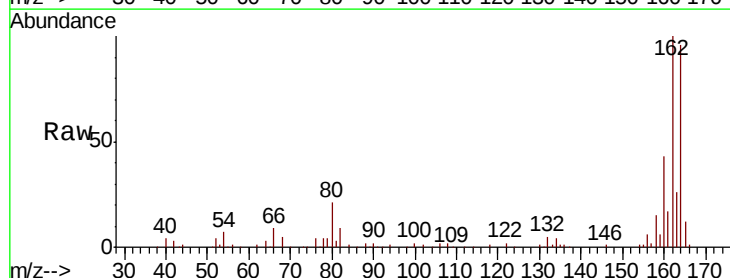
Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(16-18)

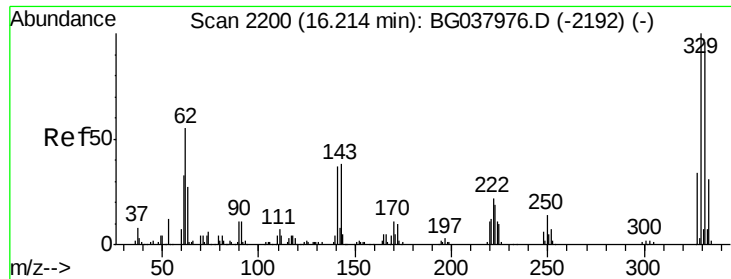
Tgt Ion: 82 Resp: 327015
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 55.6 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

Tgt Ion: 164 Resp: 112678
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.3 121.9
 160 45.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 140.641 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Instrument :

BNA_G

ClientSampleId :

FDSB-13(16-18)

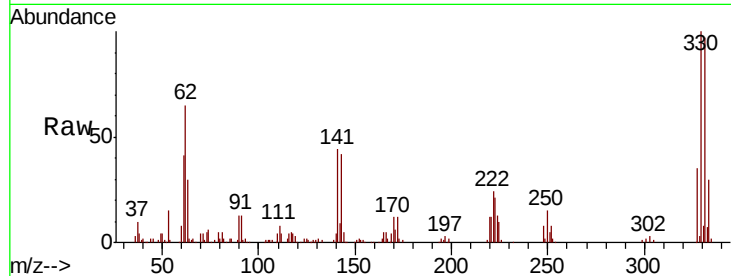
Tgt Ion:330 Resp: 180733

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

141 41.5 32.2 48.2

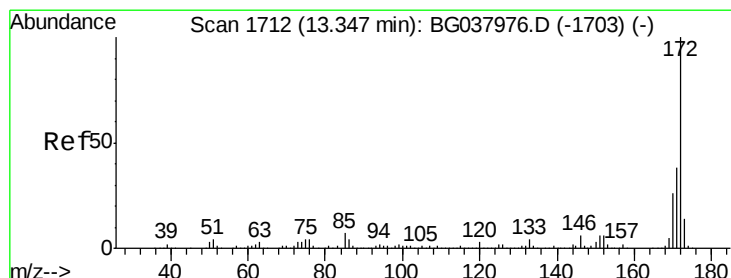
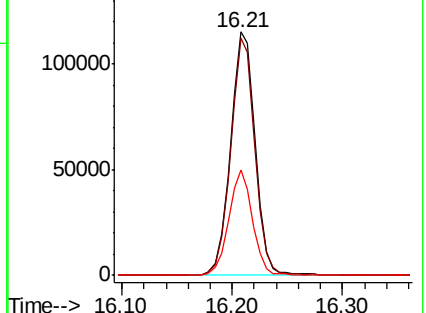
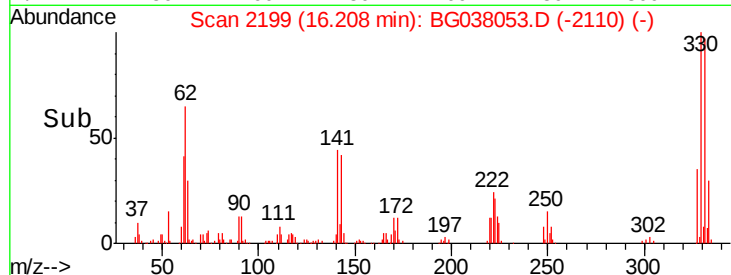


Abundance

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: 92.468 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

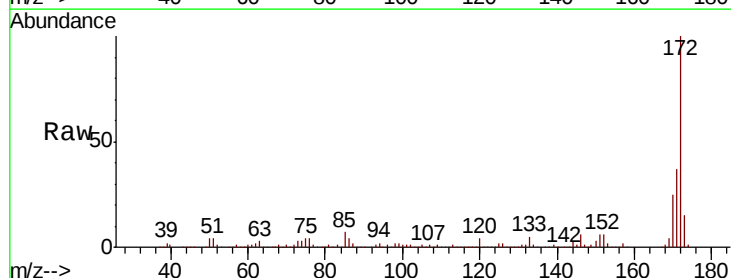
Tgt Ion:172 Resp: 715177

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

170 24.9 20.2 30.2

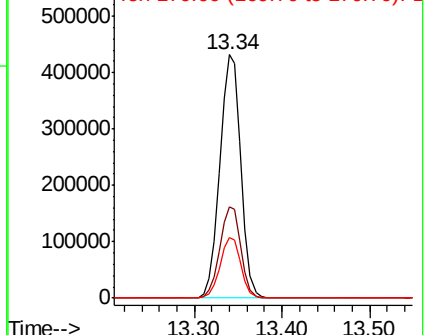
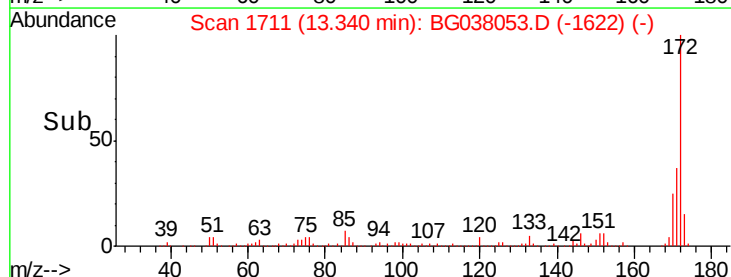


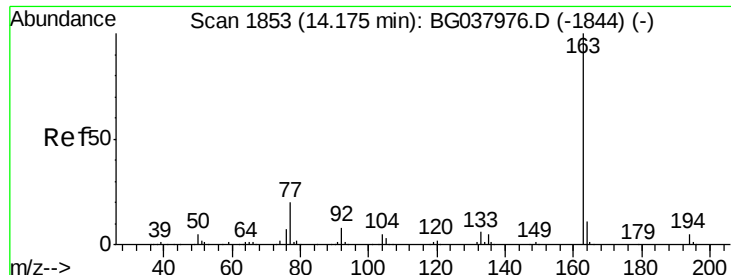
Abundance

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

Dimethylphthalate

Concen: 22.537 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Instrument :

BNA_G

ClientSampleId :

FDSB-13(16-18)

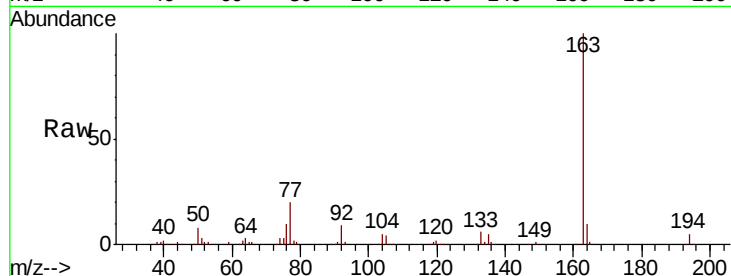
Tgt Ion:163 Resp: 201322

Ion Ratio Lower Upper

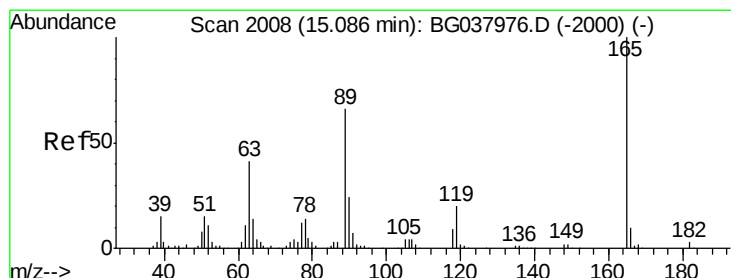
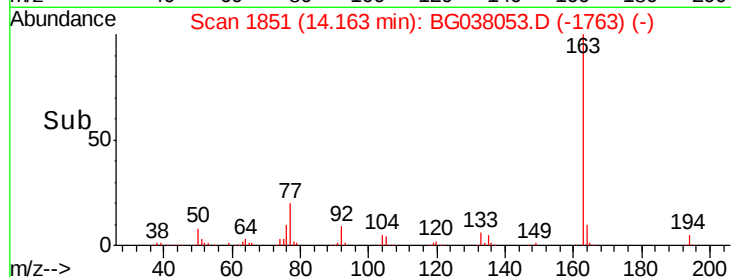
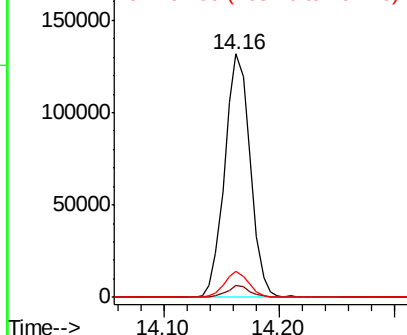
163 100

194 5.0 3.5 5.3

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.131 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.36 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Tgt Ion:165 Resp: 14114

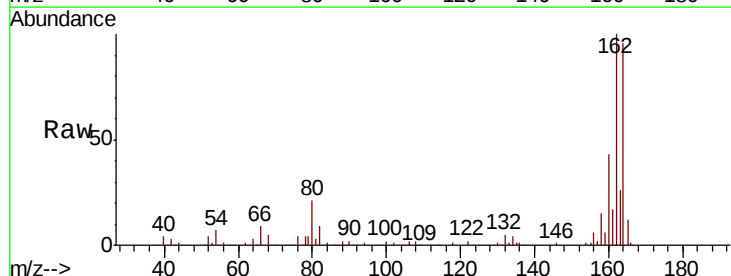
Ion Ratio Lower Upper

165 100

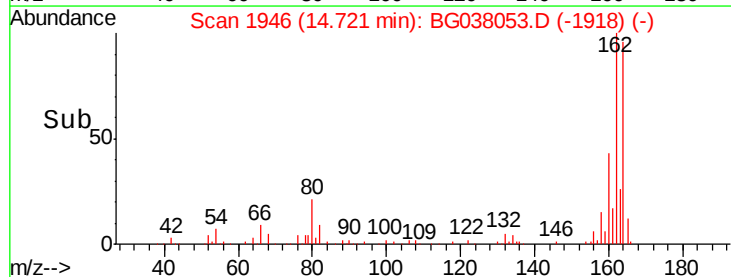
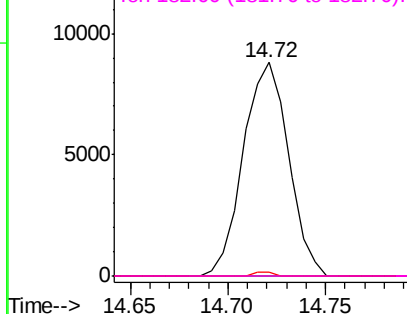
63 0.0 33.4 50.0#

89 1.9 57.2 85.8#

182 0.0 2.6 4.0#



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

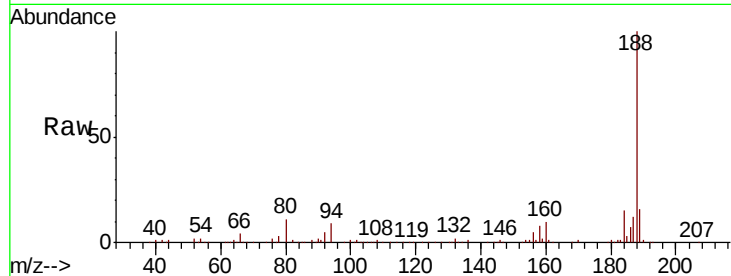




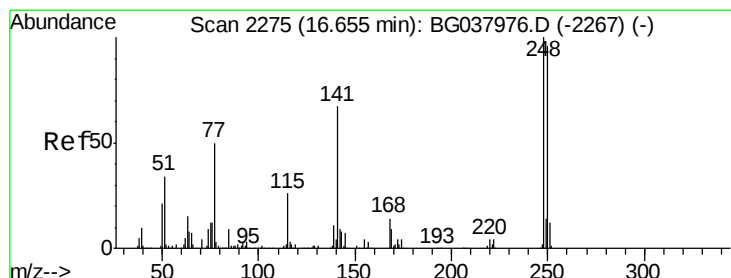
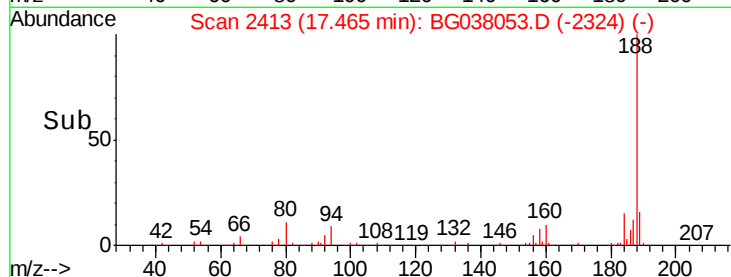
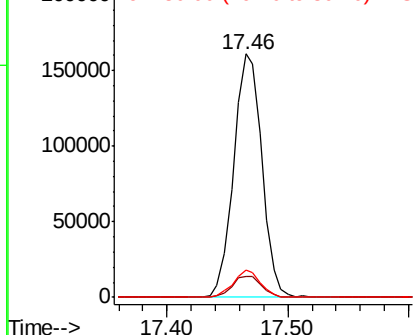
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(16-18)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	11.1	7.7	11.5

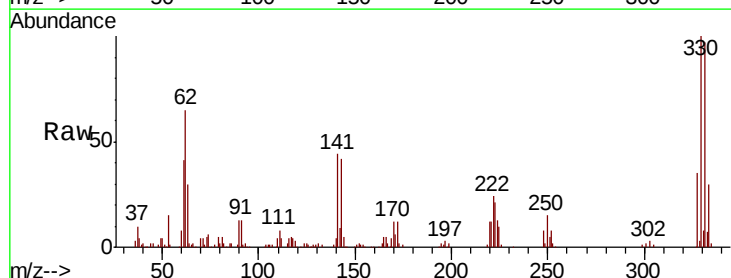


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

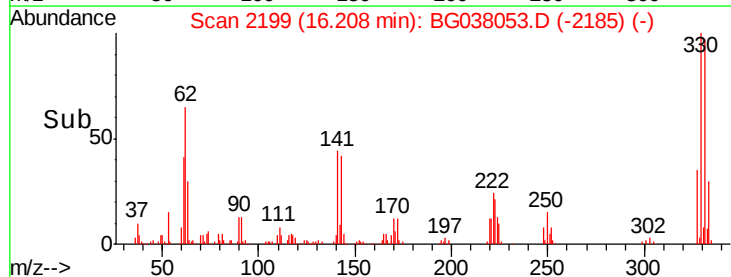
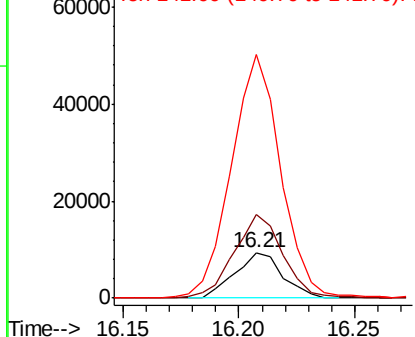


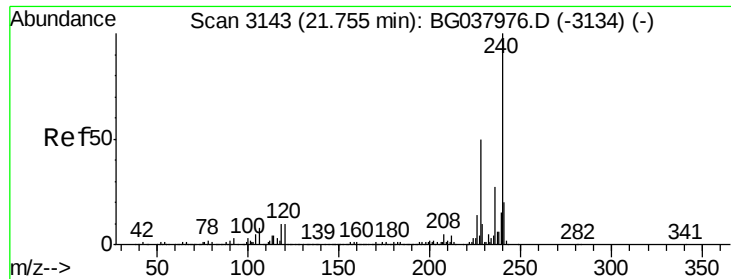
#67
 4-Bromophenyl-phenylether
 Concen: 4.609 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038053.D
 Acq: 17 Nov 2018 3:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	146.3	77.0	115.6#
141	423.0	55.5	83.3#



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

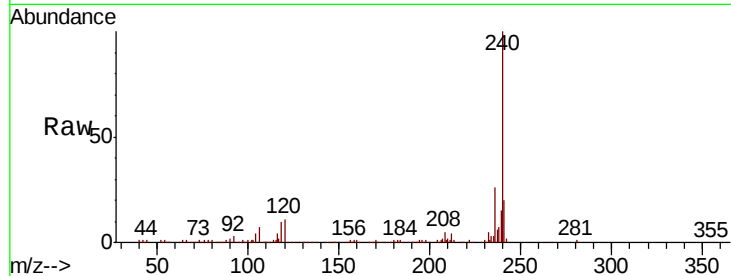




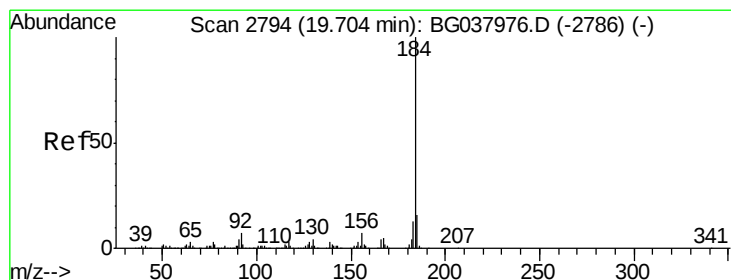
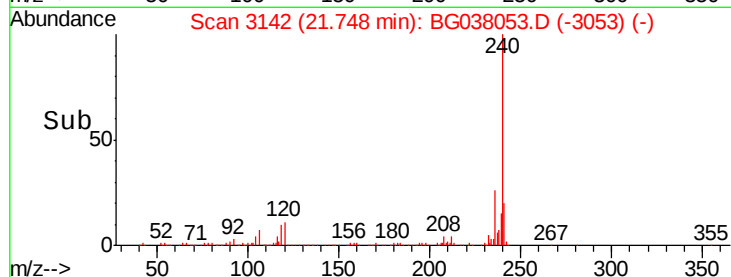
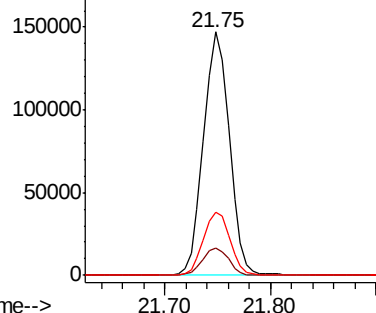
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038053.D
Acq: 17 Nov 2018 3:51

Instrument :
BNA_G
ClientSampleId :
FDSB-13(16-18)

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	25.9	21.4	32.0

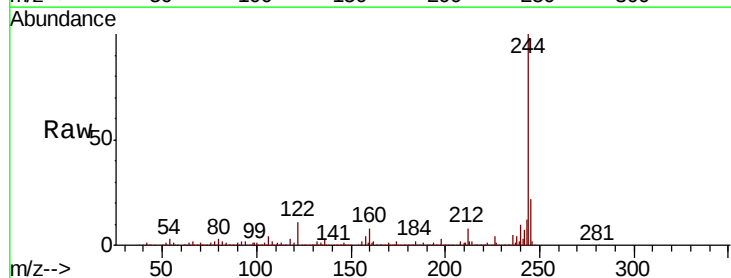


Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

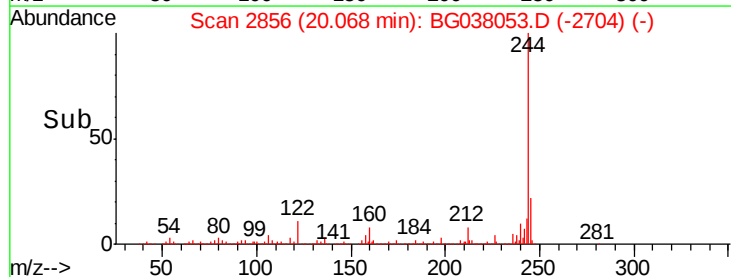
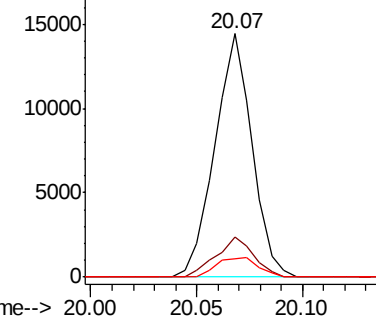


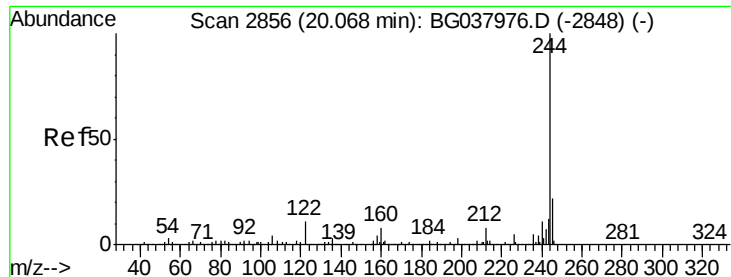
#77
Benzidine
Concen: 2.014 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038053.D
Acq: 17 Nov 2018 3:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.6	18.8
183	7.7	10.2	15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
20000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 97.670 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

Instrument :

BNA_G

ClientSampleId :

FDSB-13(16-18)

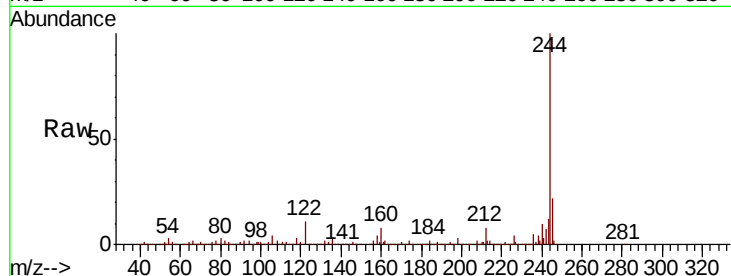
Tgt Ion:244 Resp: 1038026

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.0 9.0 13.4

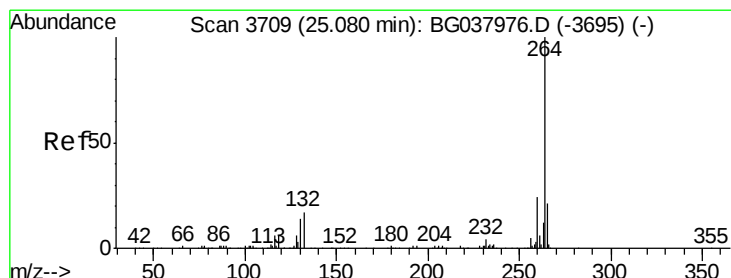
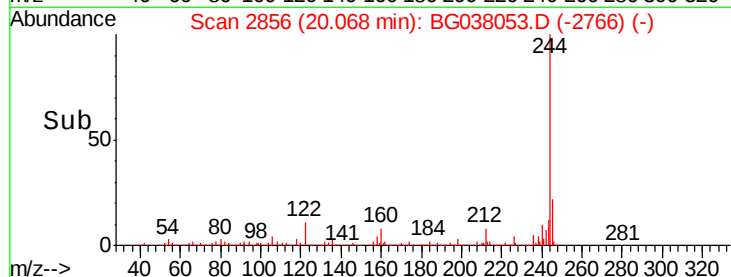
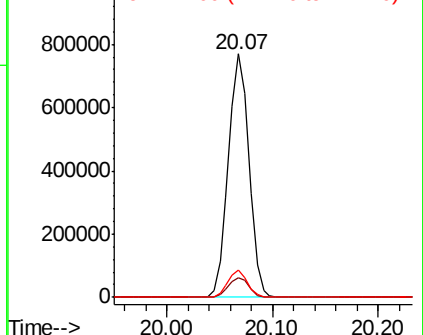


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038053.D

Acq: 17 Nov 2018 3:51

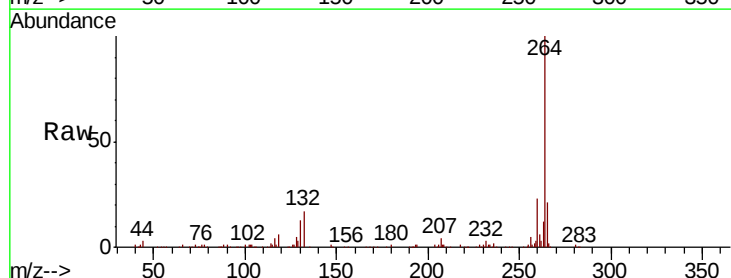
Tgt Ion:264 Resp: 258202

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.4 17.9 26.9



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

