

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038050.D
 Acq On : 17 Nov 2018 1:53
 Operator : JU/SJ
 Sample : J5967-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-03(26.5-28.5)

Quant Time: Nov 17 04:17:38 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

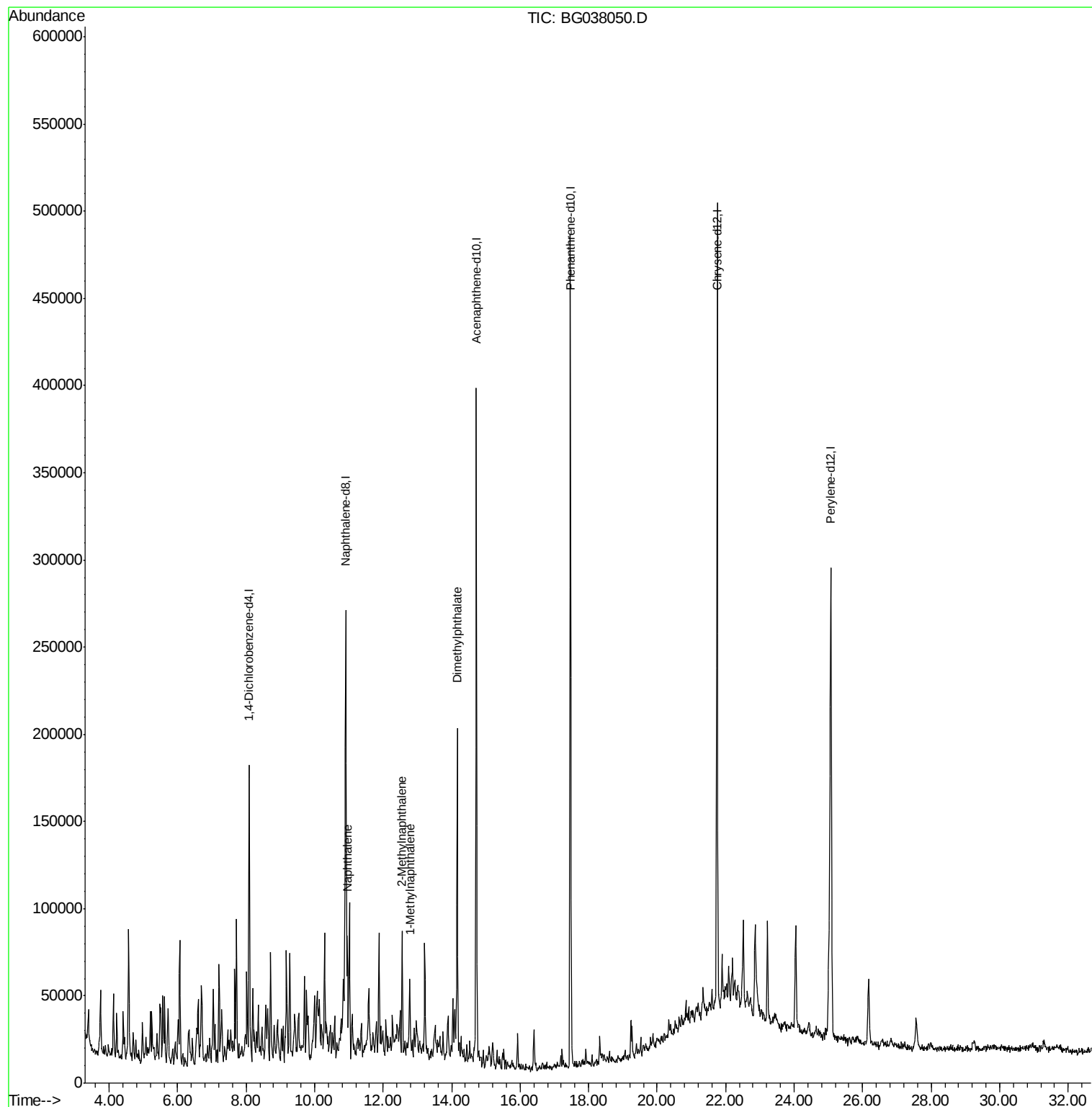
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50069	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	215820	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	131098	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	295597	20.00	ng	0.00
76) Chrysene-d12	21.75	240	276826	20.00	ng	0.00
87) Perylene-d12	25.07	264	289621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	341	0.12	ng	-0.13
7) Phenol-d6	7.24	99	57	0.01	ng	0.01
23) Nitrobenzene-d5	9.22	82	882	0.22	ng	-0.04
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.62	172	115	0.01	ng	0.27
79) Terphenyl-d14	20.07	244	705	0.06	ng	0.00
Target Compounds						
31) Naphthalene	10.96	128	41733	3.931	ng	98
37) 2-Methylnaphthalene	12.55	142	36657	4.808	ng	97
38) 1-Methylnaphthalene	12.77	142	19769	2.694	ng	96
50) Dimethylphthalate	14.17	163	97259	9.358	ng	97

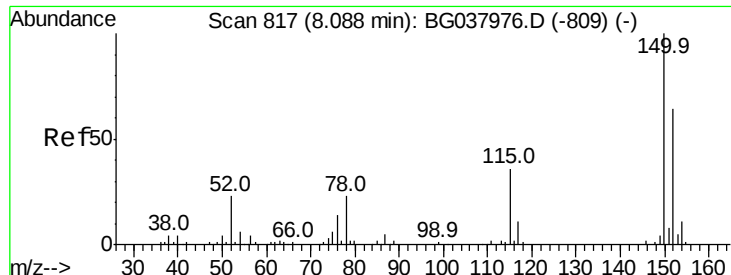
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

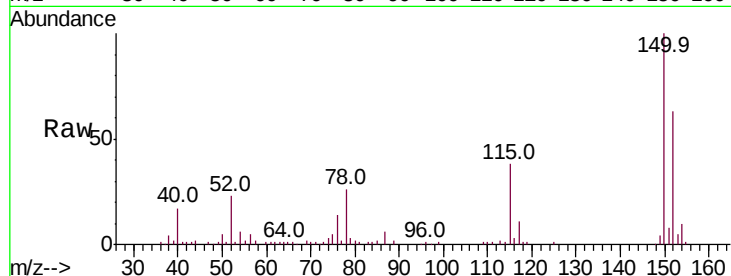
Tot Ion:152 Resp: 50069

Ion Ratio Lower Upper

152 100

150 157.6 126.0 189.0

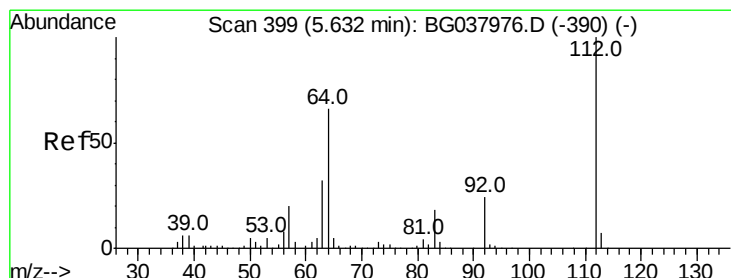
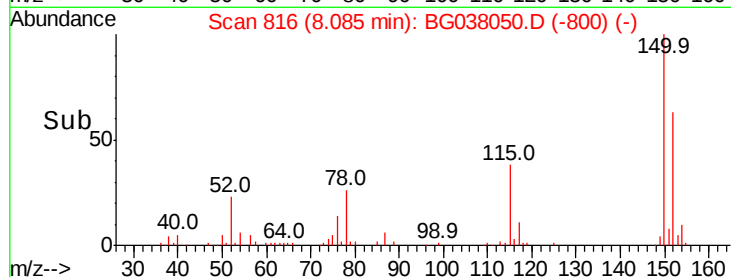
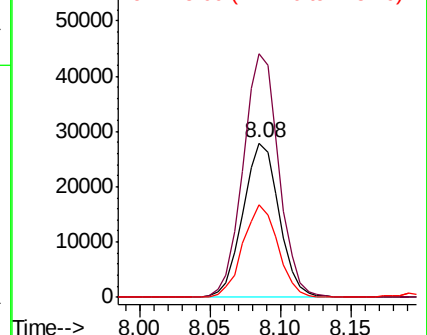
115 59.7 45.5 68.3



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: 0.118 ng

RT: 5.51 min Scan# 377

Delta R.T. -0.13 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

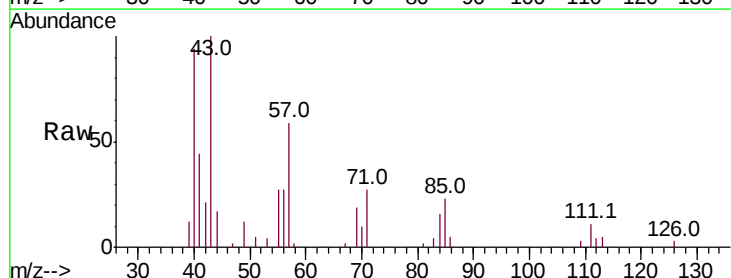
Tgt Ion:112 Resp: 341

Ion Ratio Lower Upper

112 100

64 0.0 53.1 79.7#

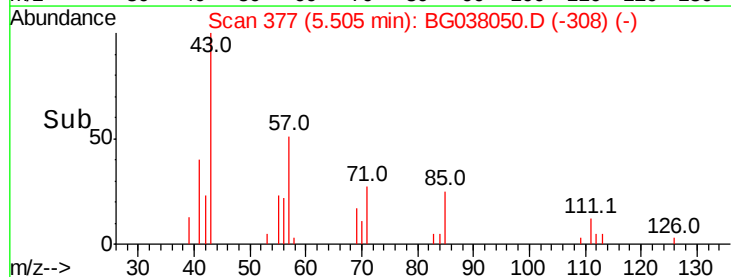
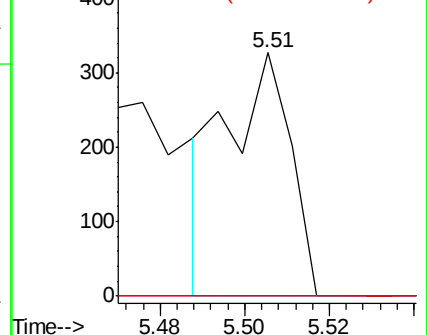
63 0.0 27.3 40.9#

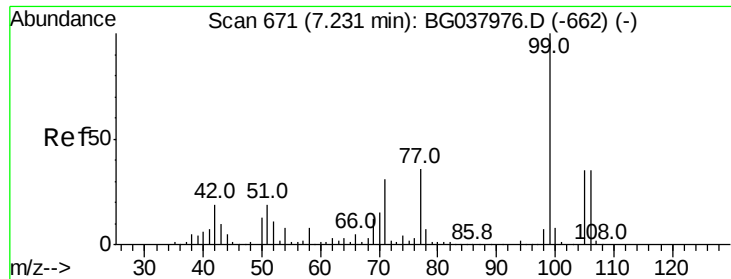


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 0.014 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

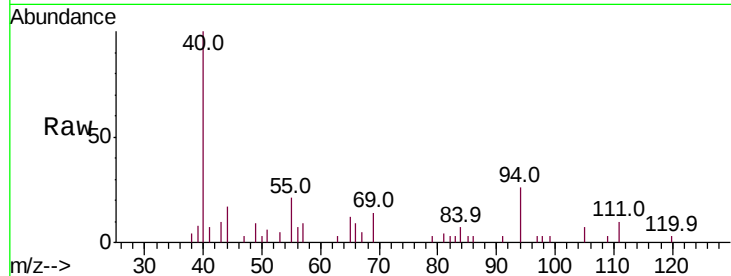
Tot Ion: 99 Resp: 57

Ion Ratio Lower Upper

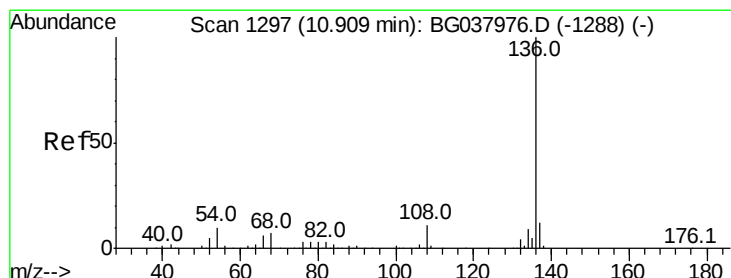
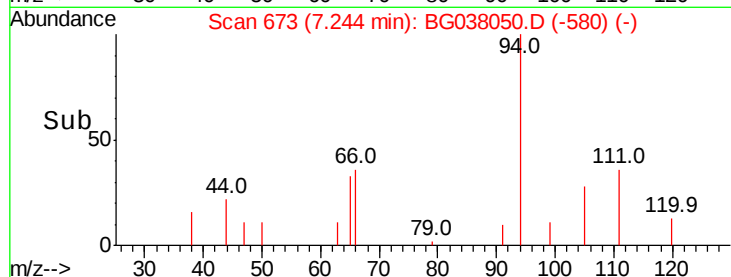
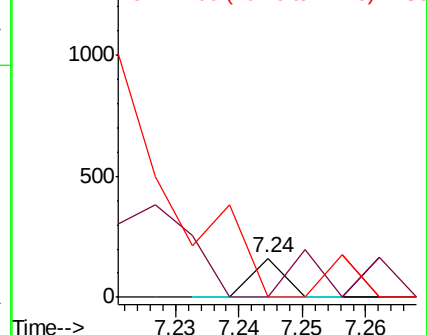
99 100

42 0.0 15.0 22.4#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Tgt Ion: 136 Resp: 215820

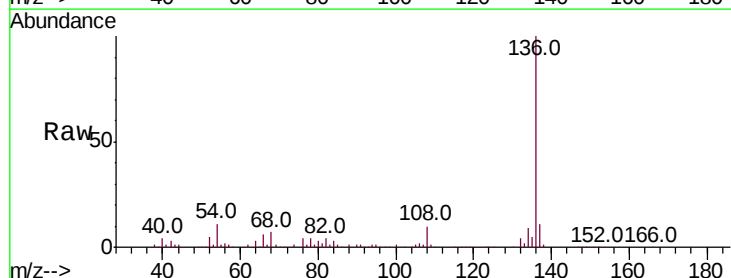
Ion Ratio Lower Upper

136 100

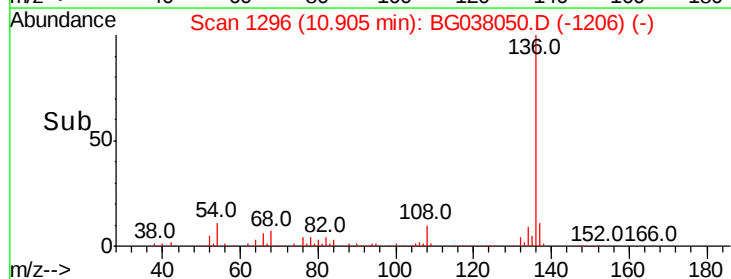
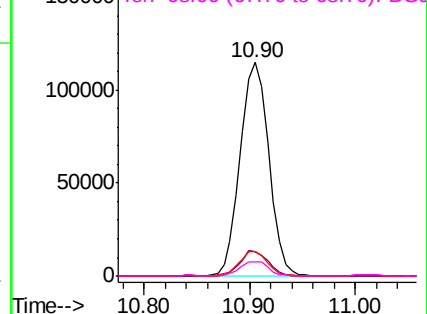
137 11.3 9.6 14.4

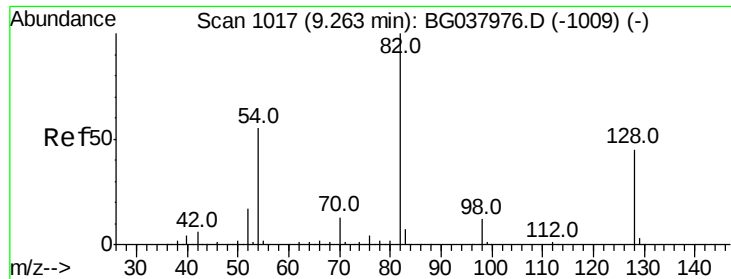
54 11.3 7.9 11.9

68 6.9 4.8 7.2



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

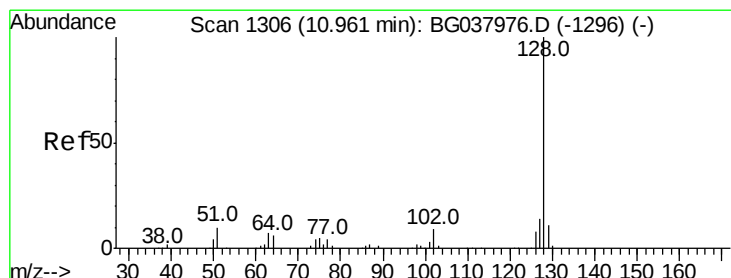
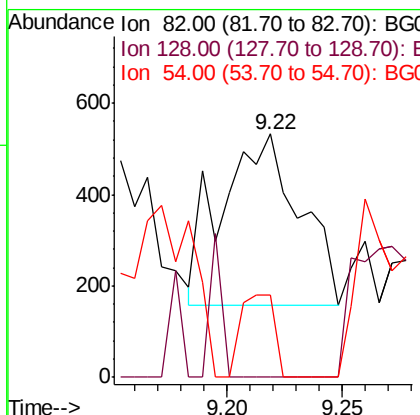
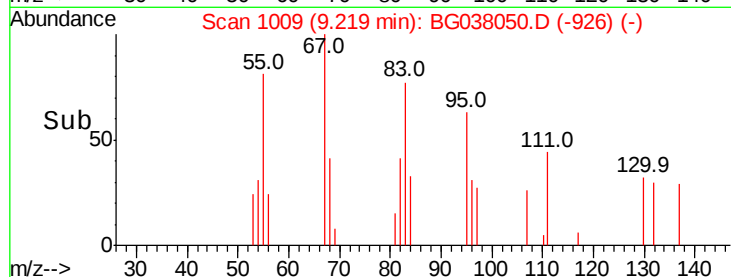
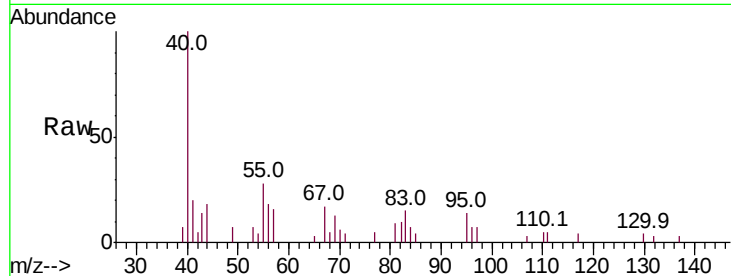




#23
Nitrobenzene-d5
Concen: 0.219 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

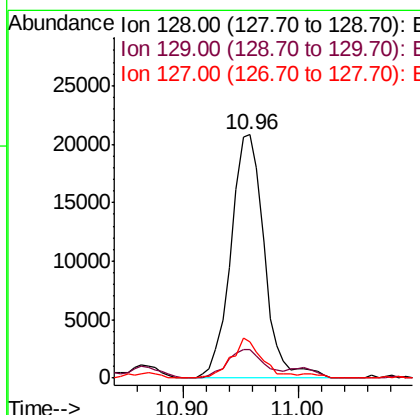
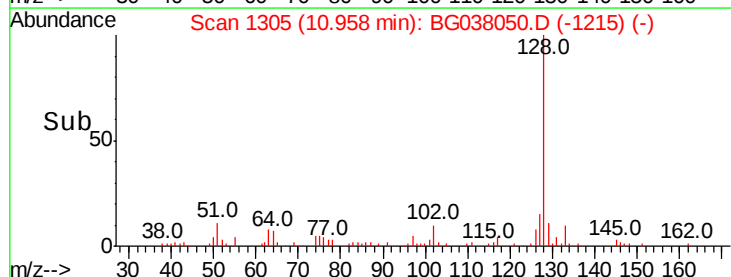
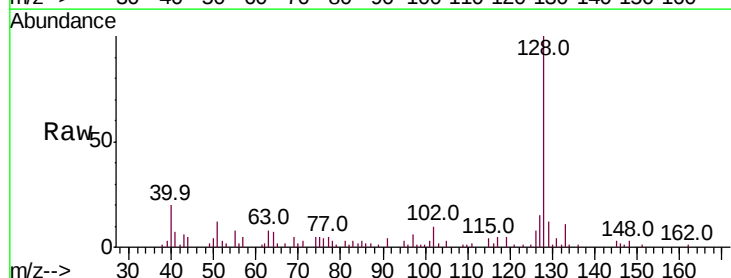
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

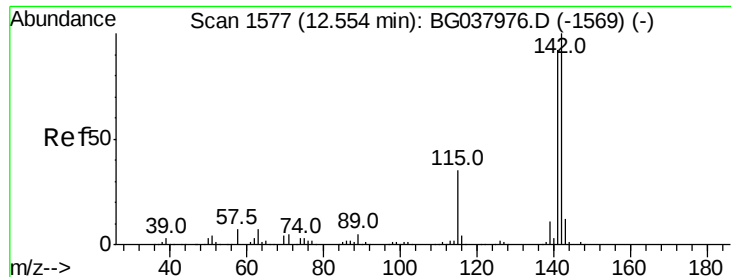
Tot Ion: 82 Resp: 882
Ion Ratio Lower Upper
82 100
128 0.0 34.6 51.8#
54 34.0 45.3 67.9#



#31
Naphthalene
Concen: 3.931 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

Tgt Ion: 128 Resp: 41733
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.8 11.1 16.7

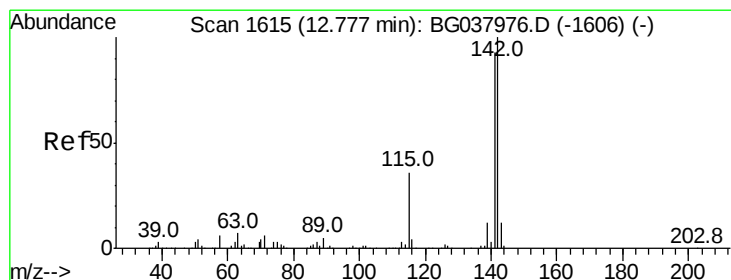
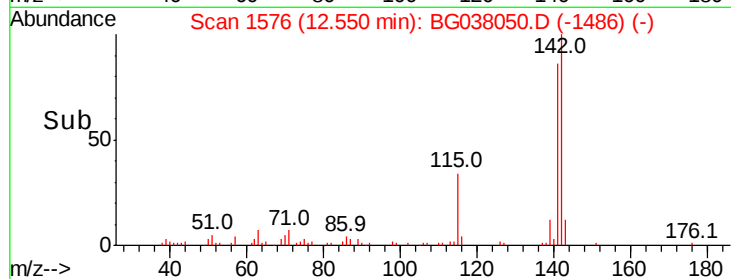
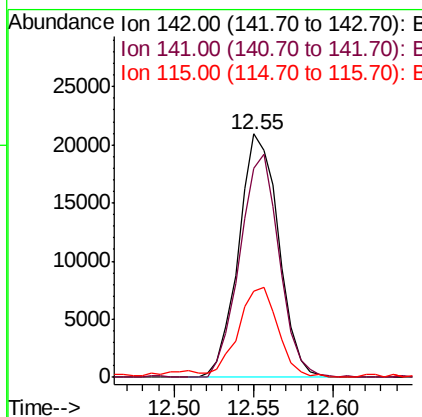
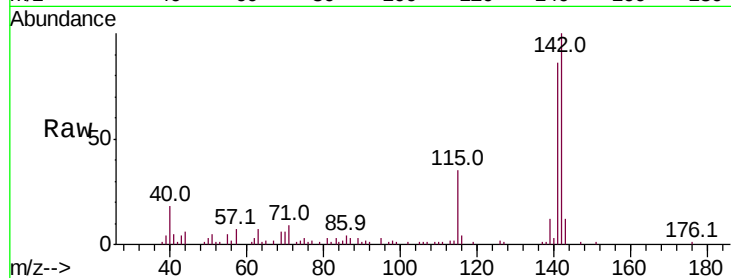




#37
2-Methylnaphthalene
Concen: 4.808 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

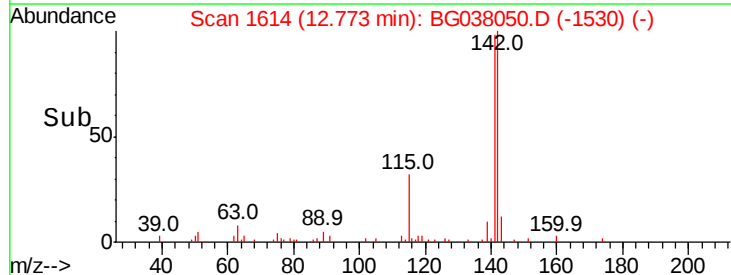
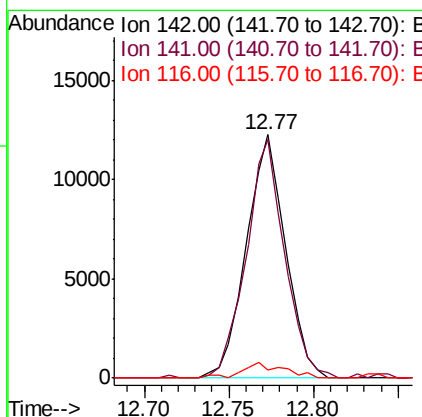
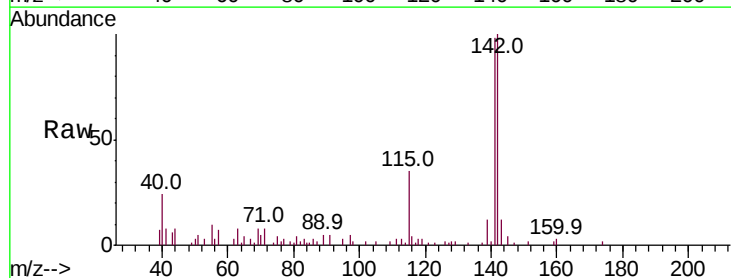
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

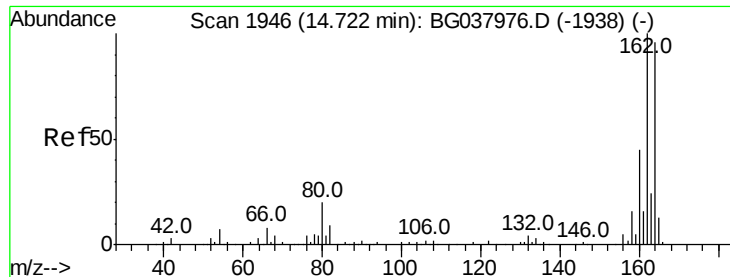
Tot Ion:142 Resp: 36657
Ion Ratio Lower Upper
142 100
141 86.0 71.9 107.9
115 35.5 27.8 41.8



#38
1-Methylnaphthalene
Concen: 2.694 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

Tgt Ion:142 Resp: 19769
Ion Ratio Lower Upper
142 100
141 97.7 75.2 112.8
116 3.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

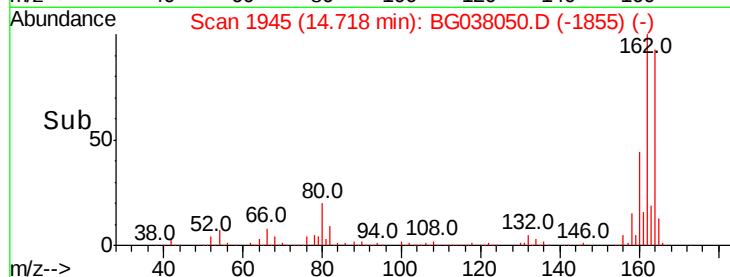
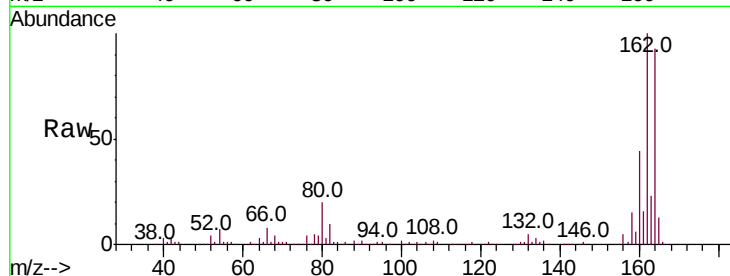
Tot Ion:164 Resp: 131098

Ion Ratio Lower Upper

164 100

162 107.4 81.3 121.9

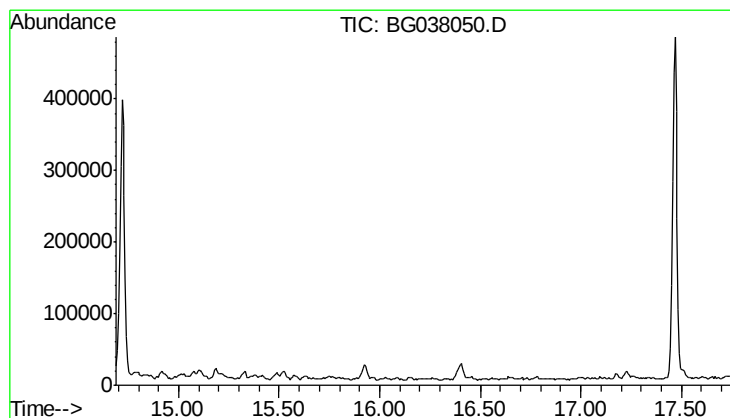
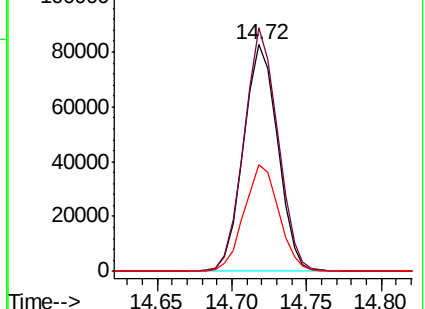
160 47.0 36.3 54.5



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: 0.000 ng

Expected RT: 16.21 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

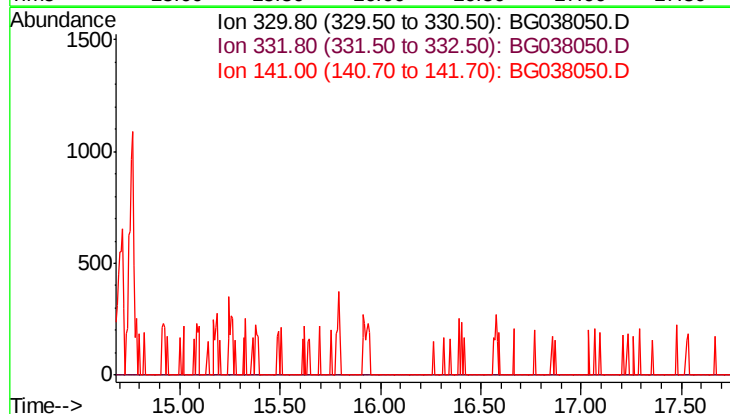
Tgt Ion: 330

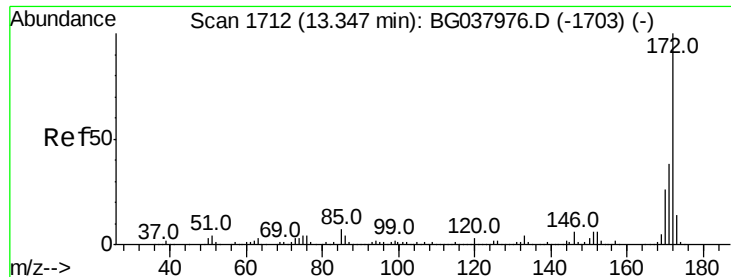
Sig Exp Ratio

330 100

332 98.0

141 40.2





#45

2-Fluorobiphenyl

Concen: 0.013 ng

RT: 13.62 min Scan# 1758

Delta R.T. 0.27 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

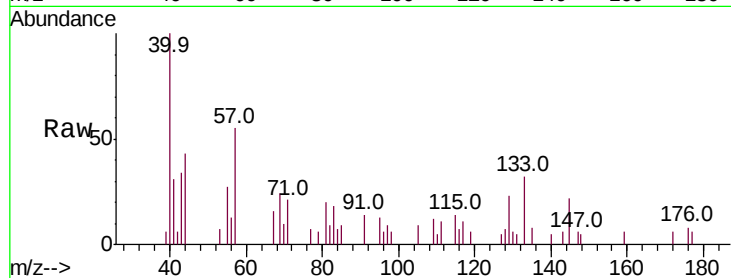
Tot Ion:172 Resp: 115

Ion Ratio Lower Upper

172 100

171 0.0 31.0 46.4#

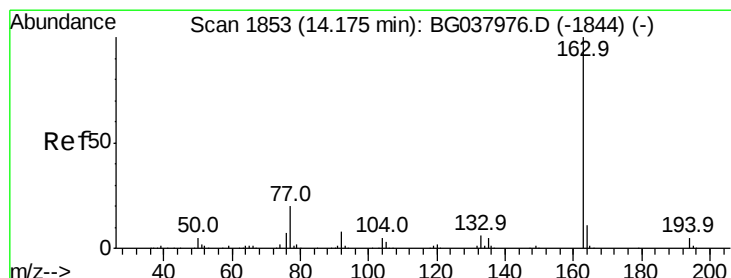
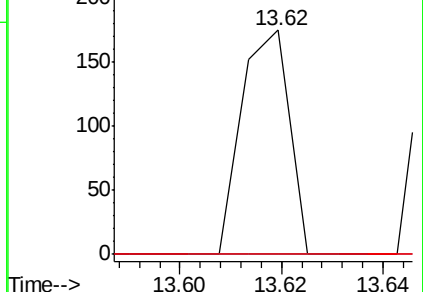
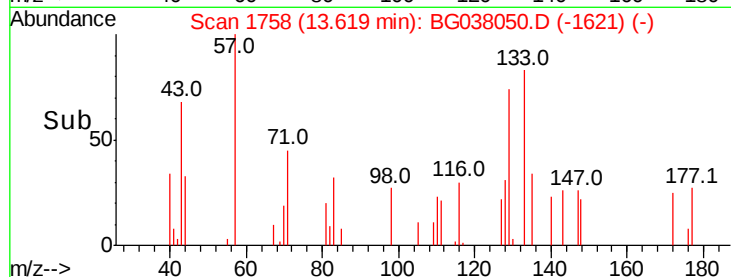
170 0.0 20.2 30.2#



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: 9.358 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

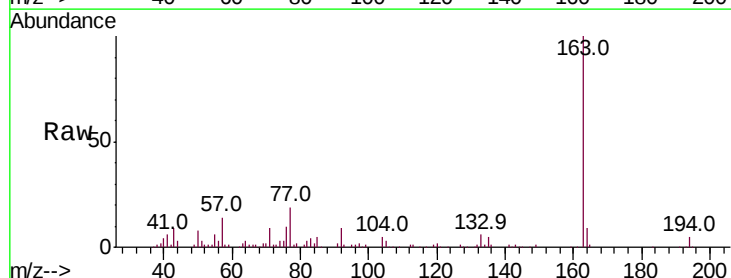
Tgt Ion:163 Resp: 97259

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

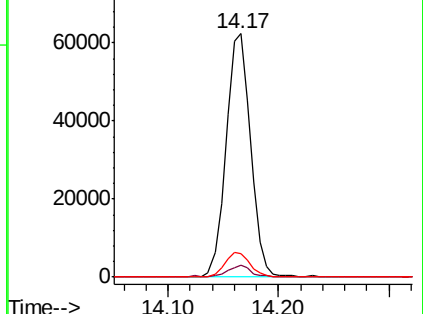
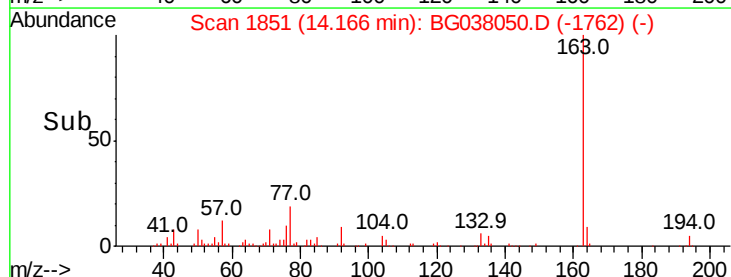
164 9.4 8.5 12.7

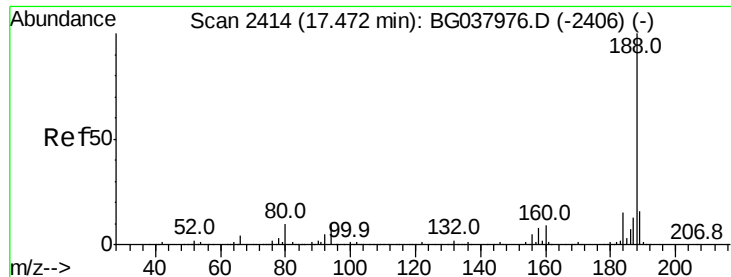


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

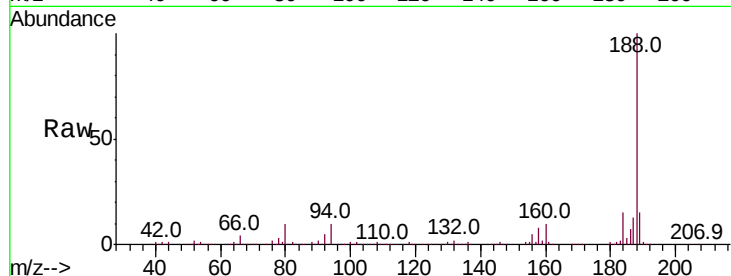
Tot Ion:188 Resp: 295597

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

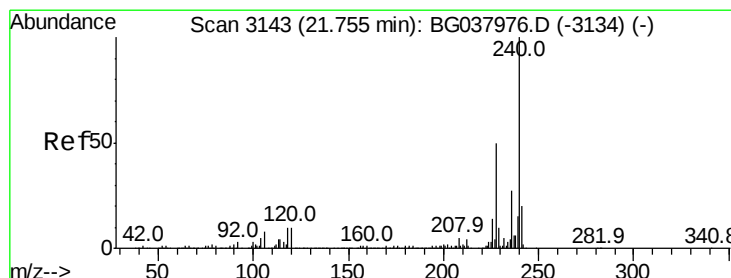
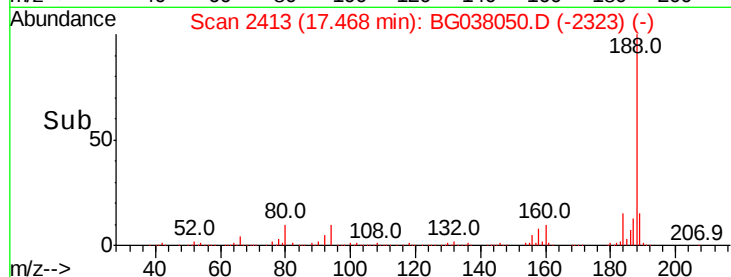
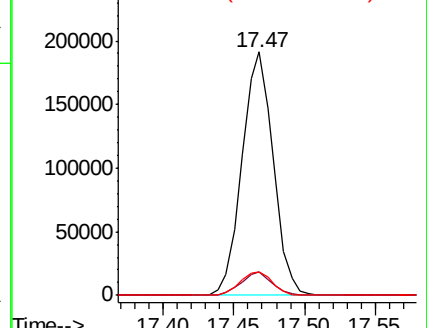
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

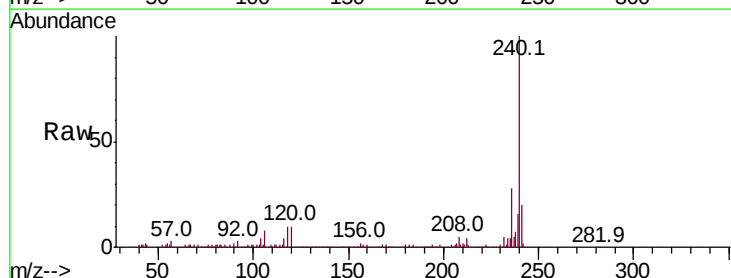
Tgt Ion:240 Resp: 276826

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

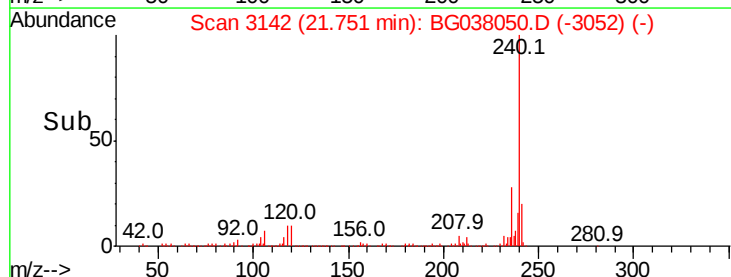
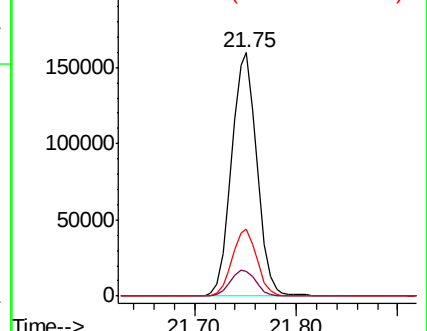
236 27.7 21.4 32.0

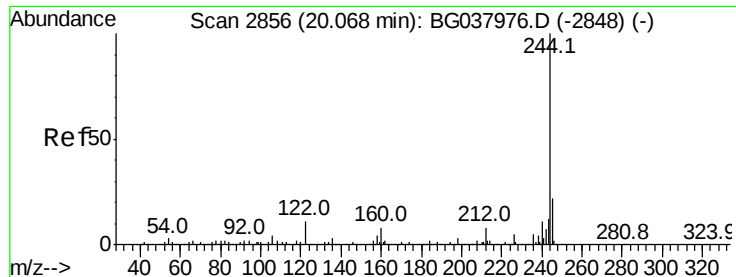


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.060 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

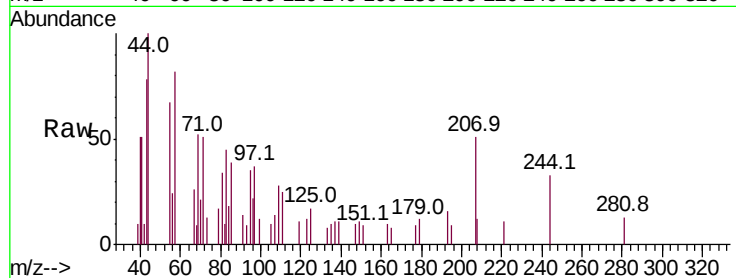
Tot Ion:244 Resp: 705

Ion Ratio Lower Upper

244 100

212 0.0 6.5 9.7#

122 0.0 9.0 13.4#

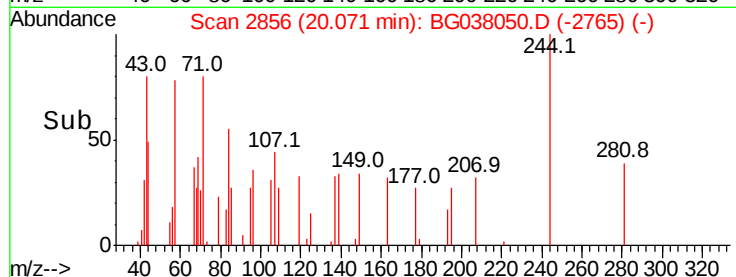


Abundance Ion 244.00 (243.70 to 244.70): E

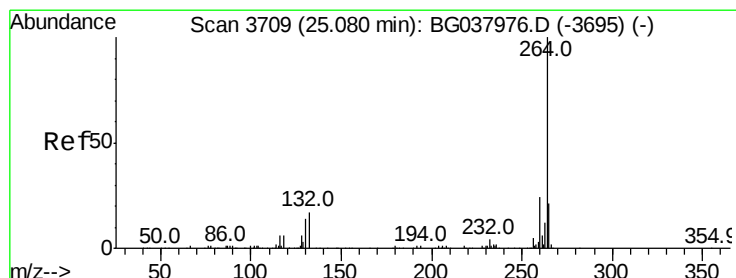
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

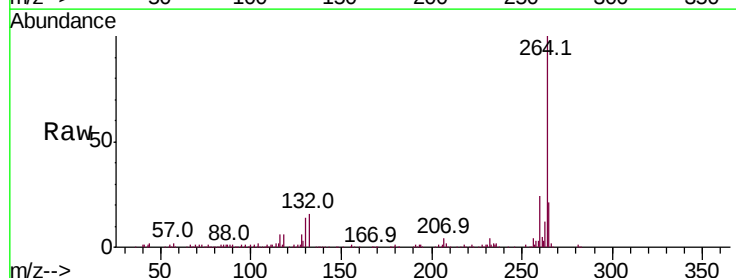
Tgt Ion:264 Resp: 289621

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.6 17.9 26.9

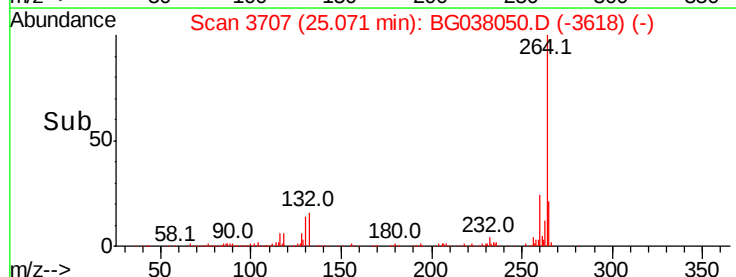


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->