

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038071.D
 Acq On : 19 Nov 2018 20:41
 Operator : JU/SJ
 Sample : J5967-02RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 20 00:43:58 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	8.09	152	46874	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193531	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119407	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278921	20.00	ng	0.00
76) Chrysene-d12	21.75	240	260637	20.00	ng	0.00
87) Perylene-d12	25.07	264	271449	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	377079	138.89	ng	0.00
7) Phenol-d6	7.24	99	541064	139.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	333339	92.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	184634	135.58	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	707277	86.29	ng	0.00
79) Terphenyl-d14	20.07	244	1067194	96.35	ng	0.00

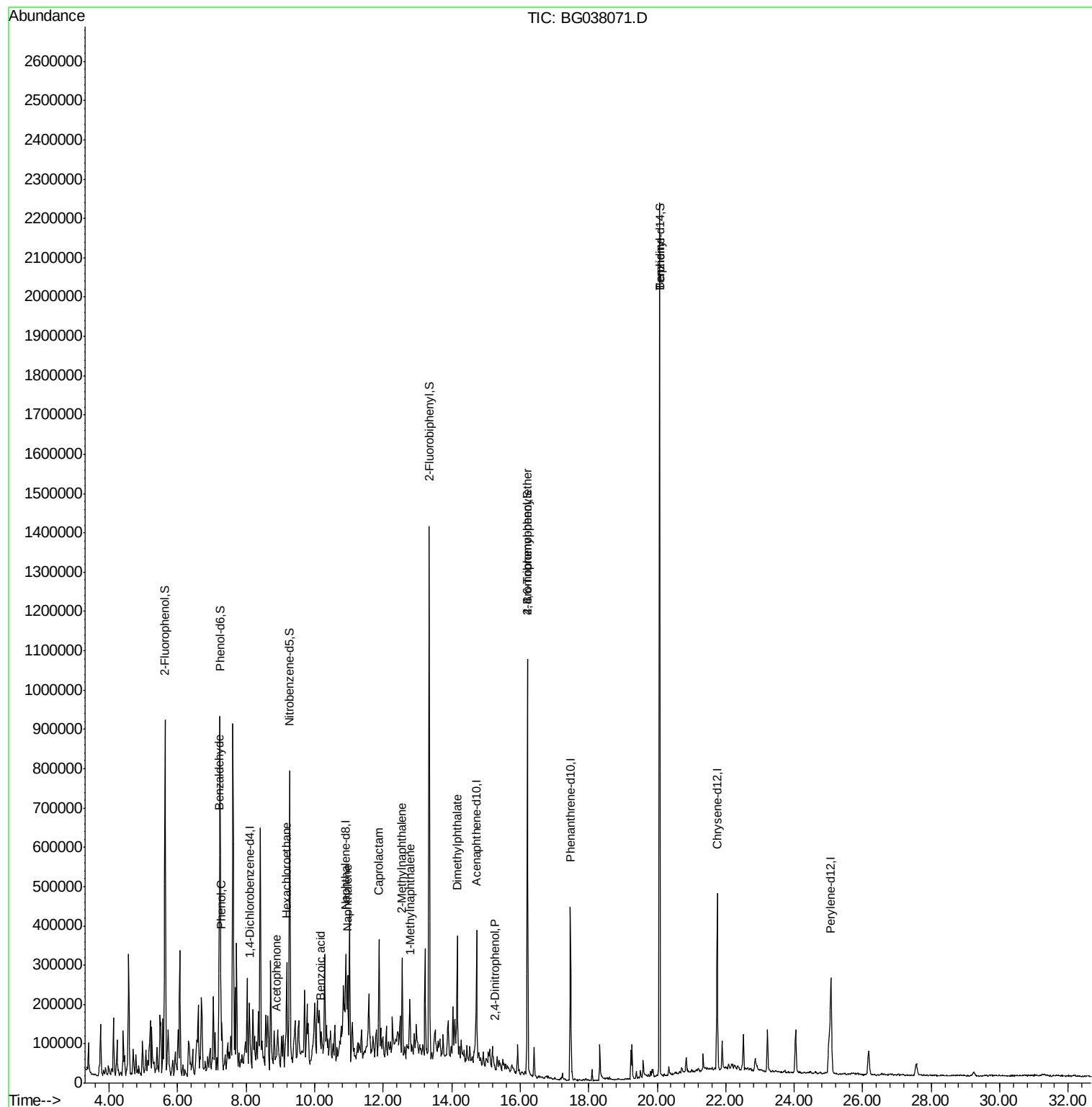
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.21	77	8507	3.035	ng	# 1
10) Phenol	7.26	94	29375	7.156	ng	95
18) Hexachloroethane	9.19	117	24485	18.352	ng	# 1
22) Acetophenone	8.88	105	23744	4.931	ng	# 53
31) Naphthalene	10.96	128	119533	12.558	ng	97
32) Benzoic acid	10.18	122	74	12.364	ng	# 1
35) Caprolactam	11.88	113	11651	9.303	ng	# 41
37) 2-Methylnaphthalene	12.55	142	124989	18.280	ng	97
38) 1-Methylnaphthalene	12.77	142	68616	10.426	ng	98
50) Dimethylphthalate	14.16	163	51162	5.405	ng	99
54) 2,4-Dinitrophenol	15.25	184	124	9.379	ng	# 30
67) 4-Bromophenyl-phenylether	16.21	248	13667	4.464	ng	# 1
77) Benzidine	20.07	184	18754	2.051	ng	# 89

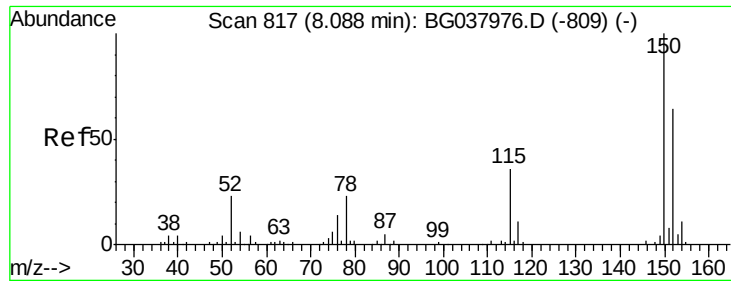
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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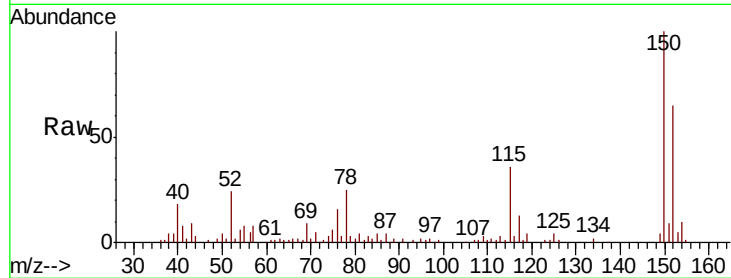


#1

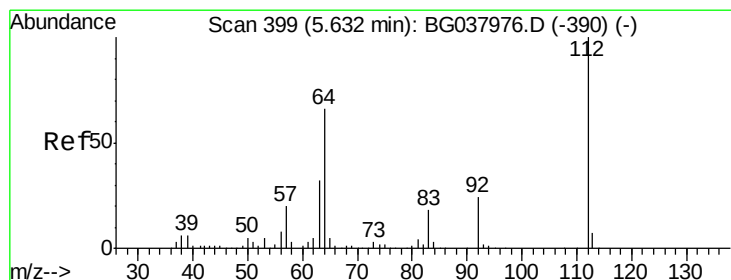
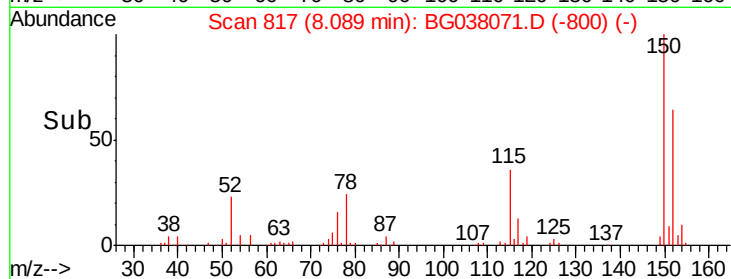
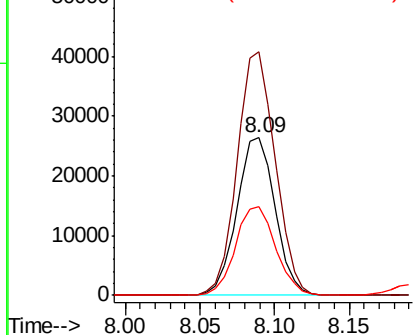
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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

Tgt Ion:152 Resp: 46874
Ion Ratio Lower Upper
152 100
150 154.4 126.0 189.0
115 56.3 45.5 68.3



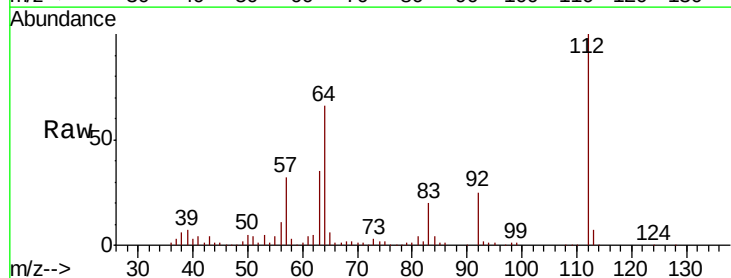
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



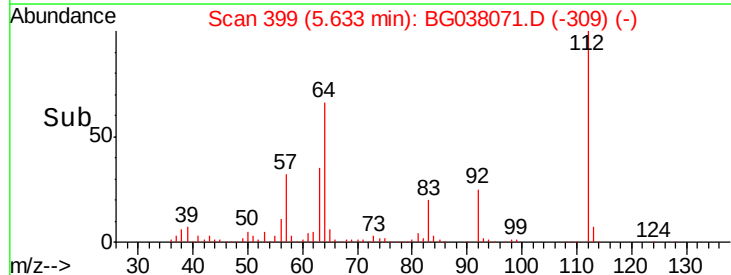
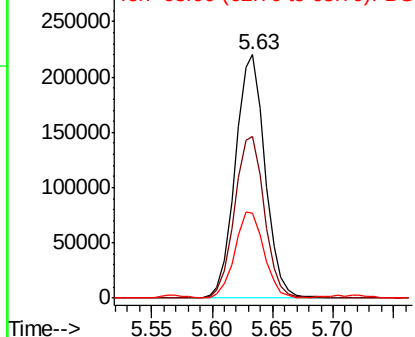
#5

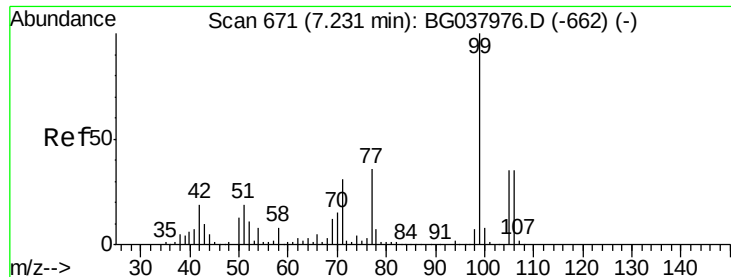
2-Fluorophenol
Concen: 138.894 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion:112 Resp: 377079
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 35.0 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: 139.618 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

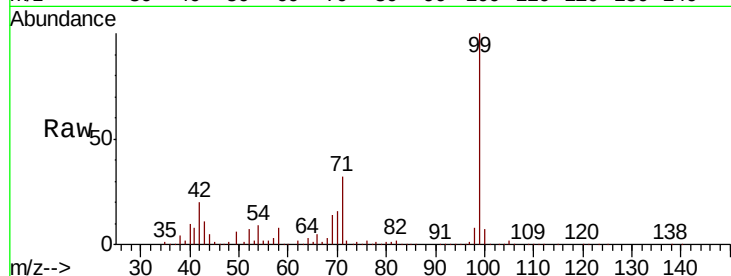
Tgt Ion: 99 Resp: 541064

Ion Ratio Lower Upper

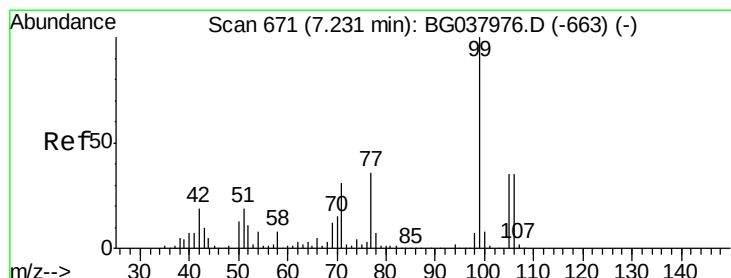
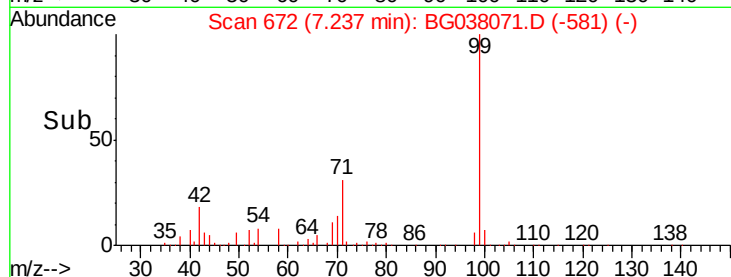
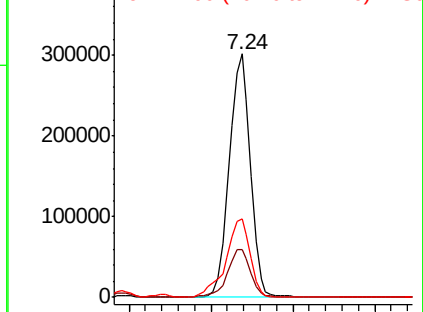
99 100

42 19.6 15.0 22.4

71 32.4 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



#9

Benzaldehyde

Concen: 3.035 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

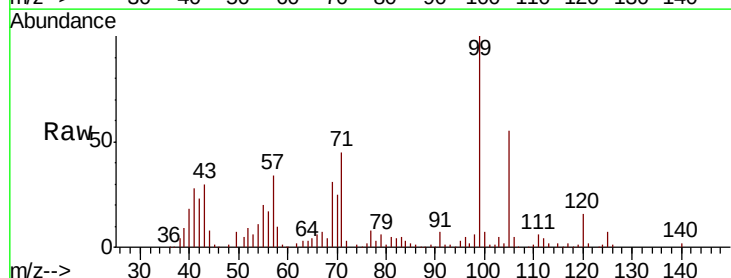
Tgt Ion: 77 Resp: 8507

Ion Ratio Lower Upper

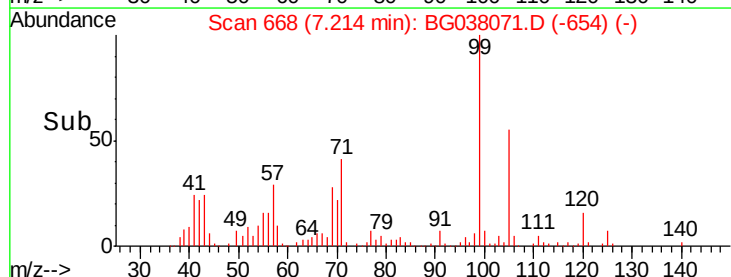
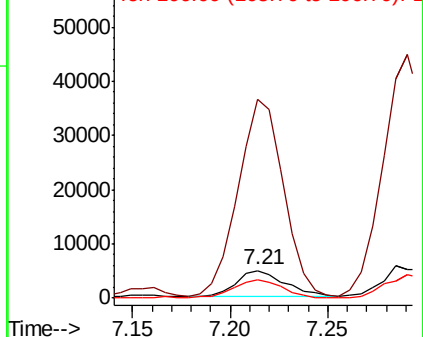
77 100

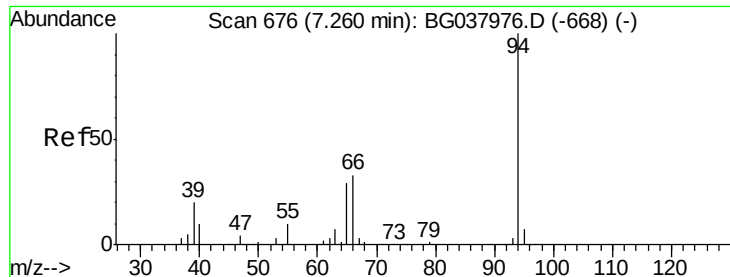
105 726.1 72.6 112.6#

106 66.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 7.156 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

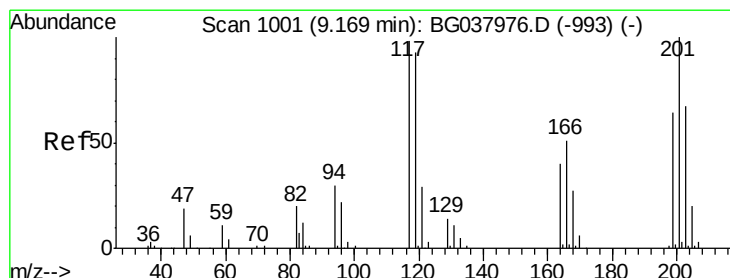
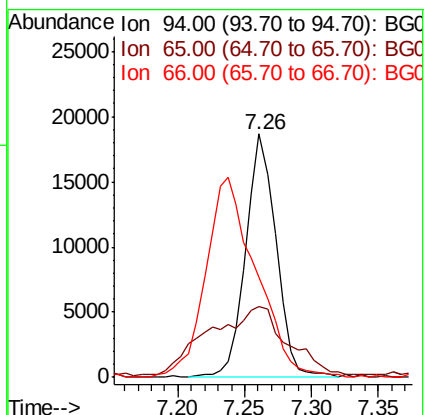
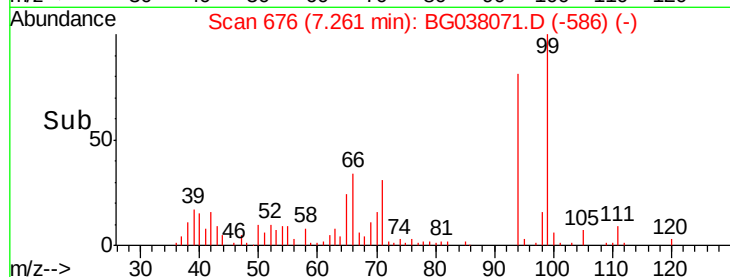
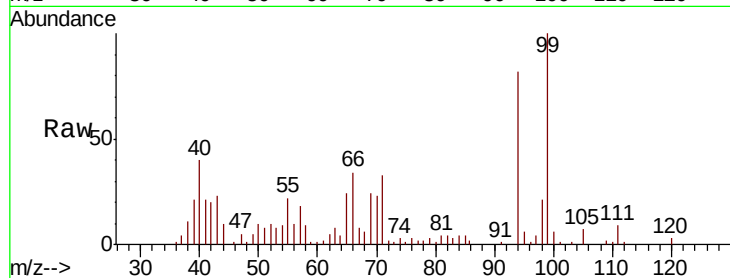
Tgt Ion: 94 Resp: 29375

Ion Ratio Lower Upper

94 100

65 28.9 9.7 49.7

66 41.0 15.9 55.9



#18

Hexachloroethane

Concen: 18.352 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

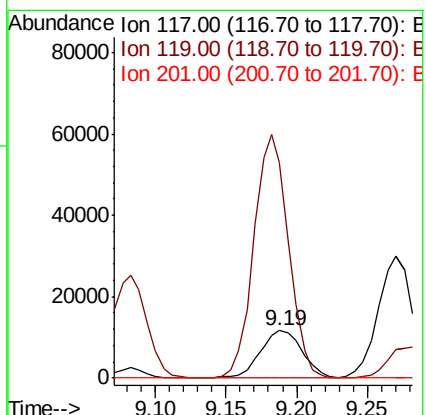
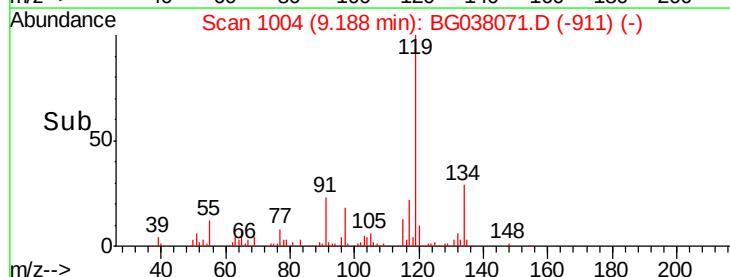
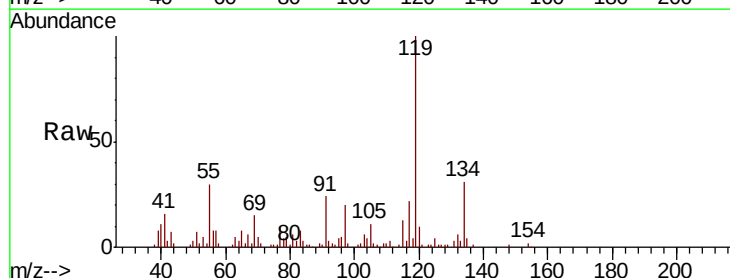
Tgt Ion: 117 Resp: 24485

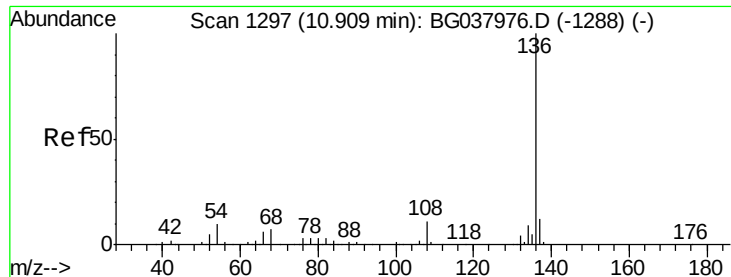
Ion Ratio Lower Upper

117 100

119 450.6 74.6 111.8#

201 0.0 80.8 121.2#

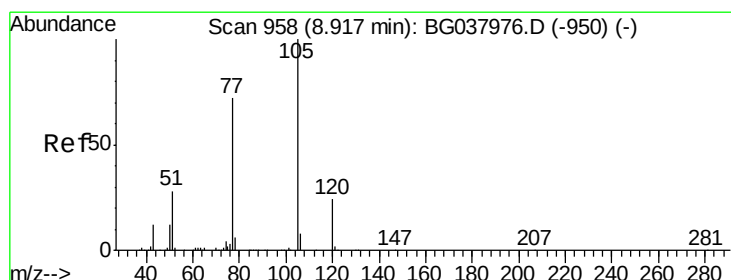
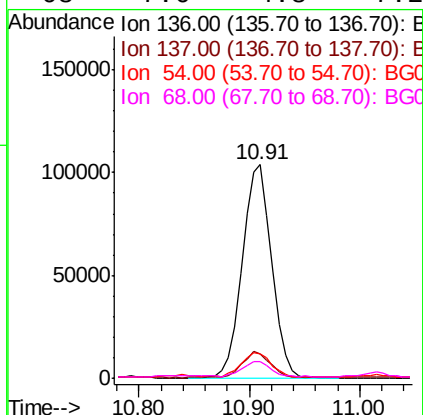
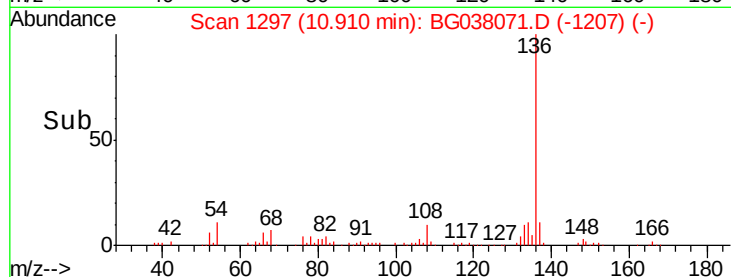
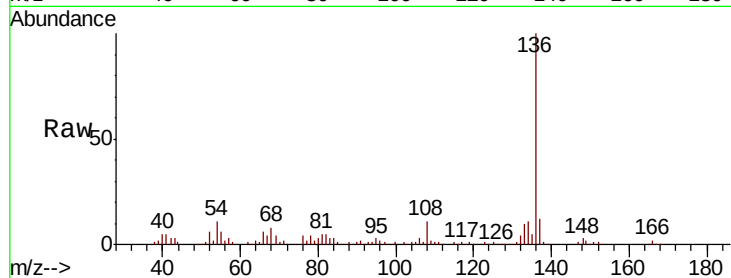




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

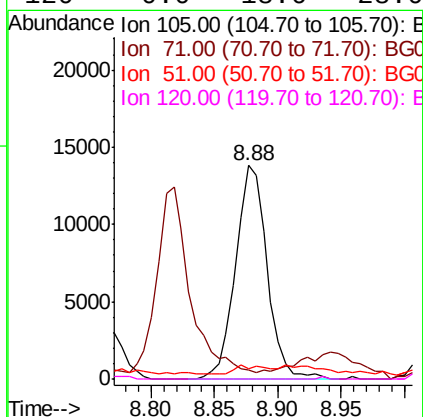
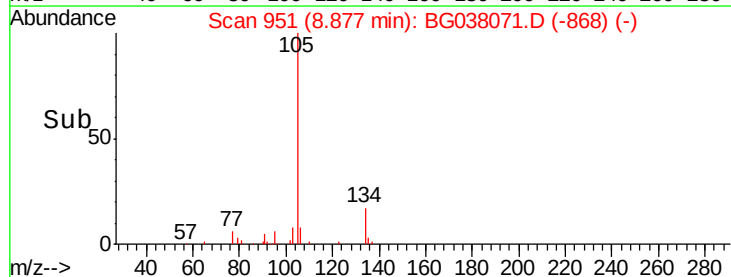
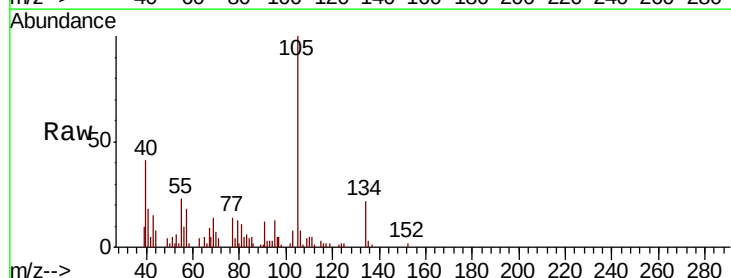
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

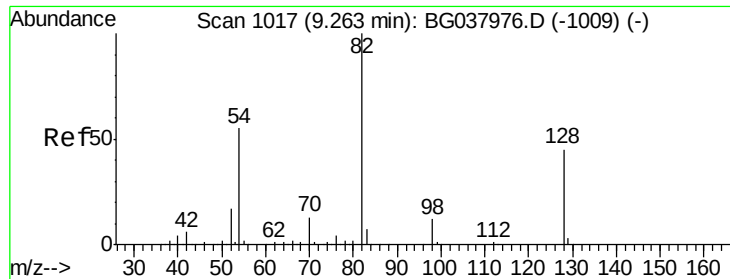
Tgt Ion:	136	Resp:	193531
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.5	7.9	11.9
68	7.6	4.8	7.2#



#22
Acetophenone
Concen: 4.931 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.04 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion:	105	Resp:	23744
Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.2	1.8#
51	4.5	25.0	37.6#
120	0.0	18.6	28.0#

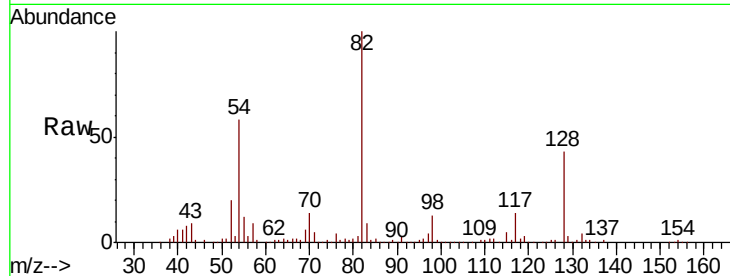




#23
Nitrobenzene-d5
Concen: 92.201 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	58.0	45.3	67.9

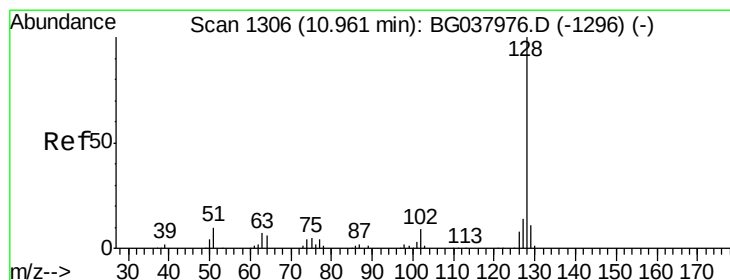
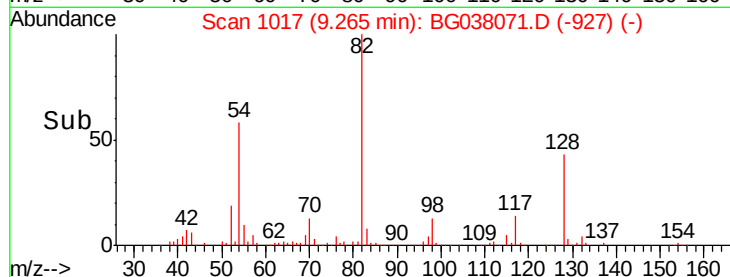
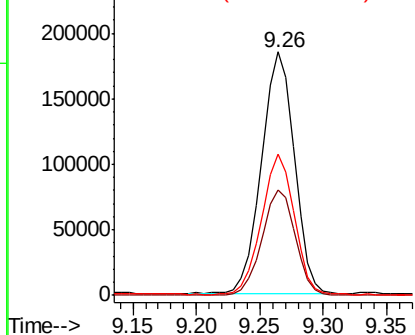


Abundance

Ion 82.00 (81.70 to 82.70): BGC

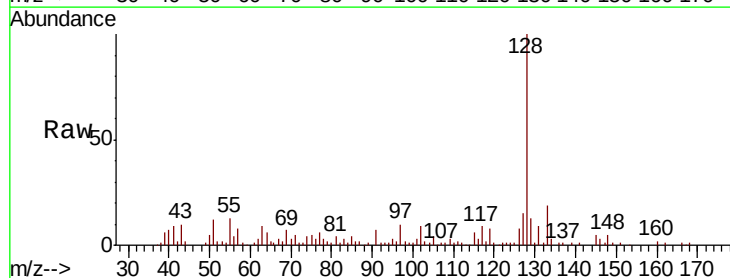
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
Naphthalene
Concen: 12.558 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	14.5	11.1	16.7

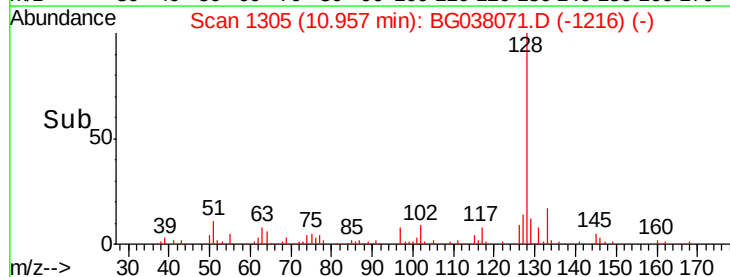
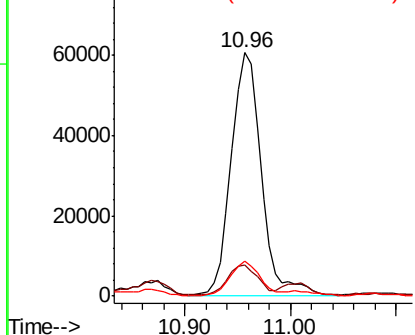


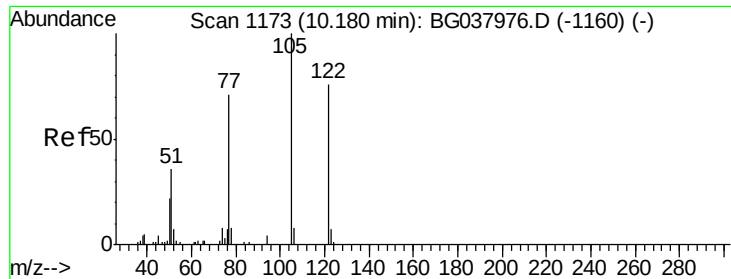
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 12.364 ng

RT: 10.18 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

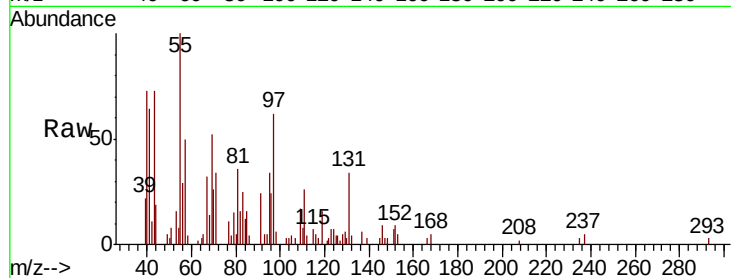
Tgt Ion:122 Resp: 74

Ion Ratio Lower Upper

122 100

105 145.0 106.7 146.7

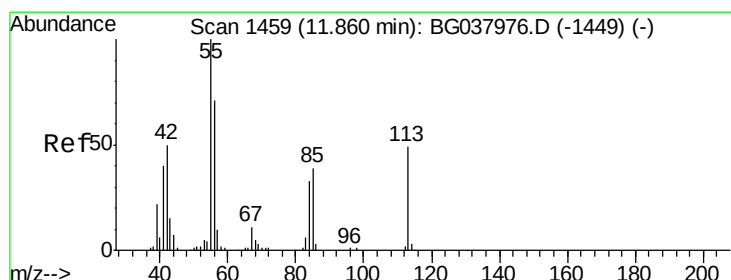
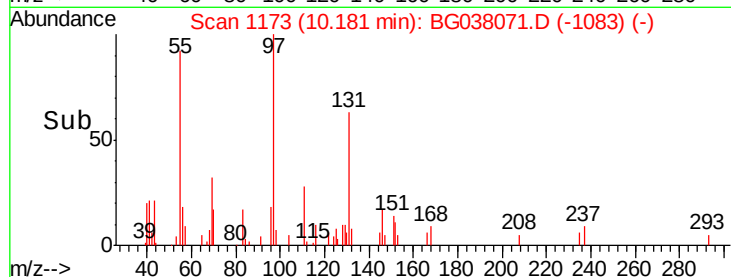
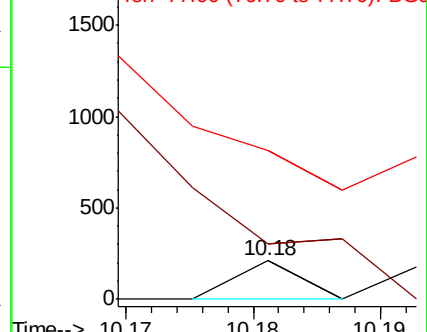
77 386.3 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 9.303 ng

RT: 11.88 min Scan# 1462

Delta R.T. 0.02 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

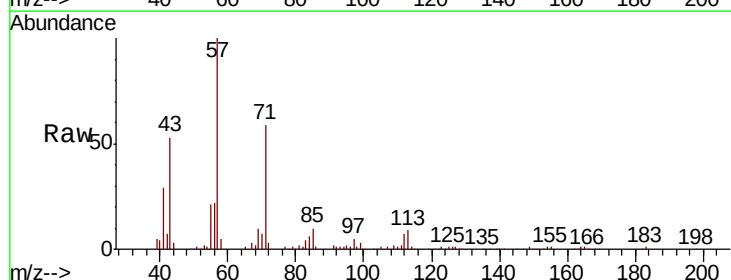
Tgt Ion:113 Resp: 11651

Ion Ratio Lower Upper

113 100

55 248.5 176.6 216.6#

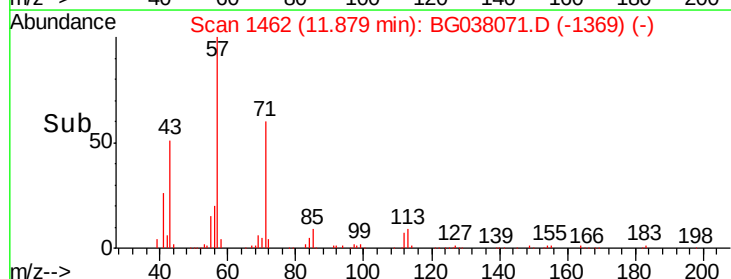
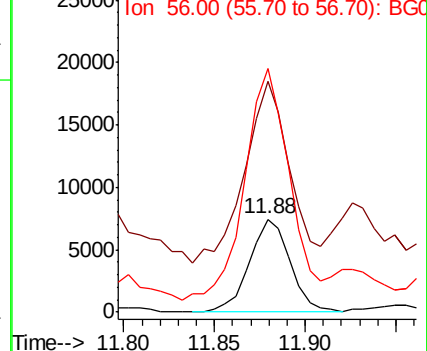
56 262.3 128.3 168.3#

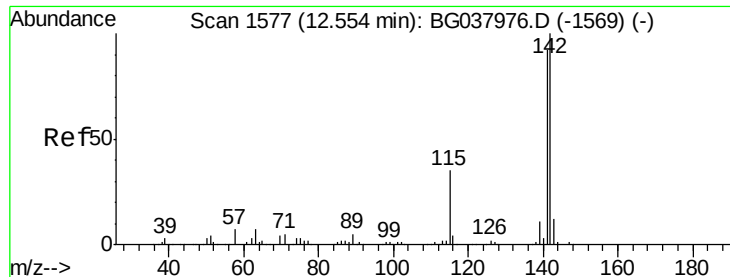


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

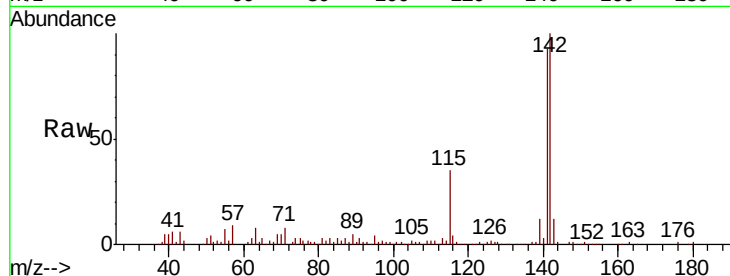




#37
2-Methylnaphthalene
Concen: 18.280 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	34.5	27.8	41.8

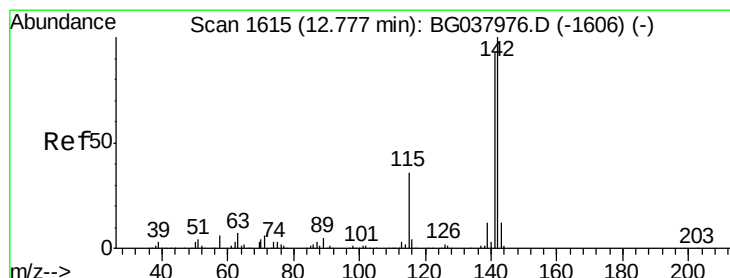
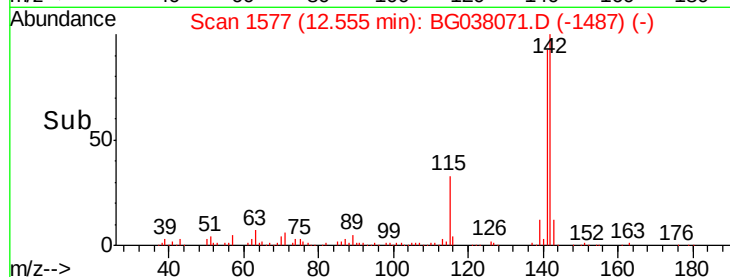
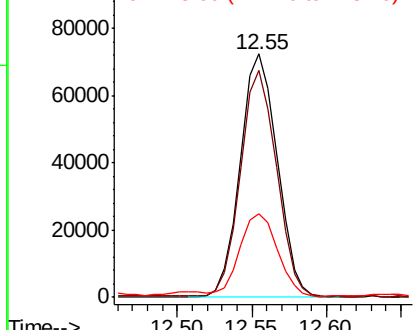


Abundance

Ion 142.00 (141.70 to 142.70): E

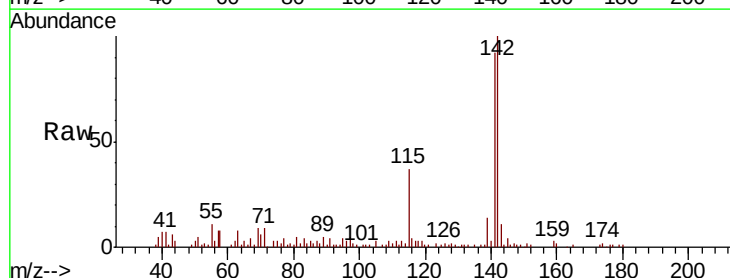
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 10.426 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.2	112.8
116	4.3	3.3	4.9

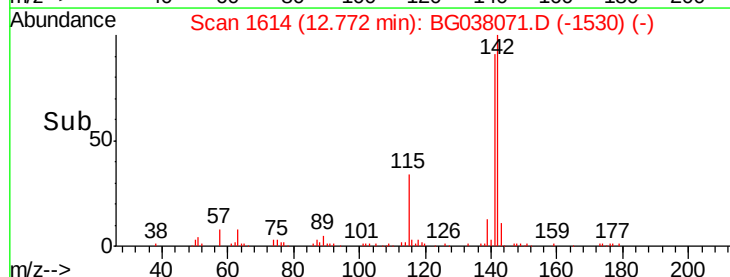
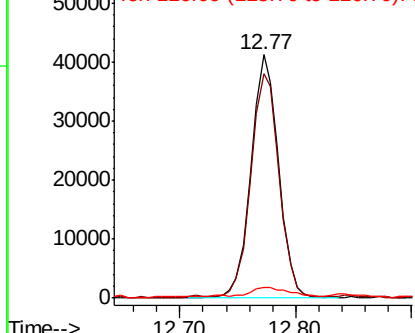


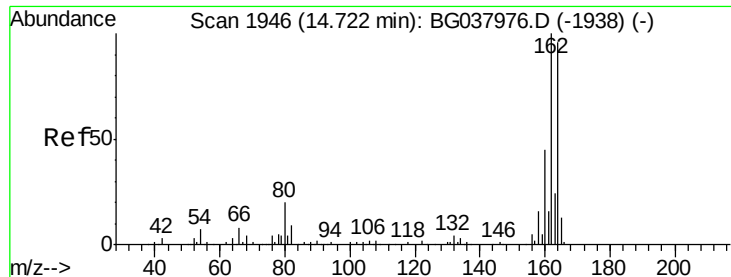
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

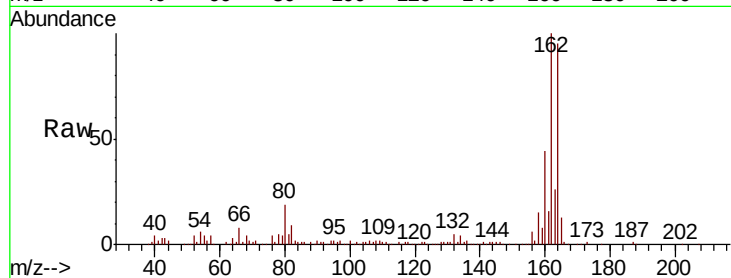




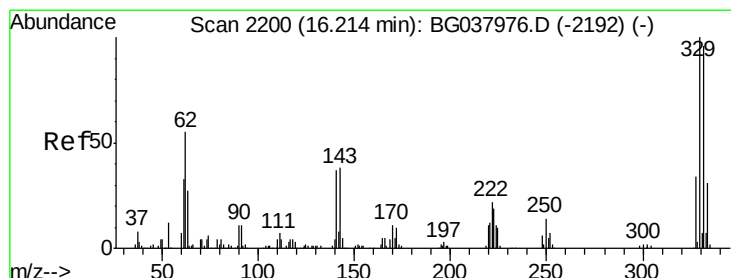
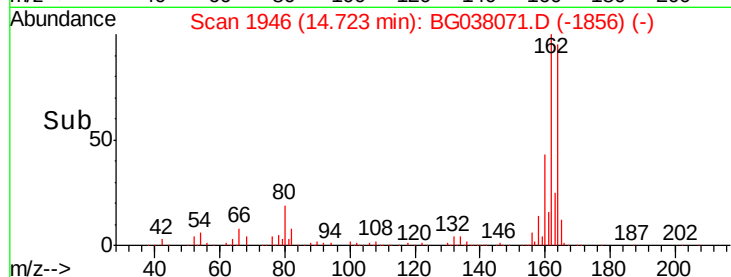
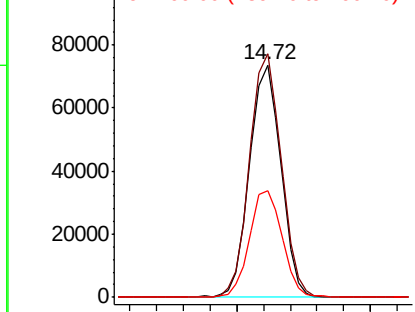
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038071.D
 Acq: 19 Nov 2018 20:41

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

Tgt Ion:164 Resp: 119407
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.3 121.9
 160 45.7 36.3 54.5

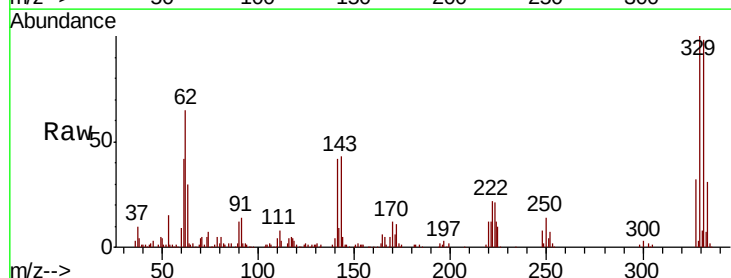


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

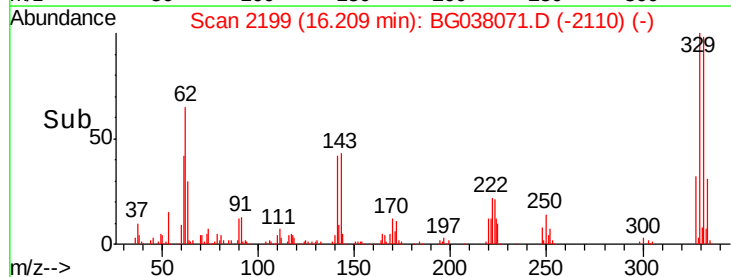
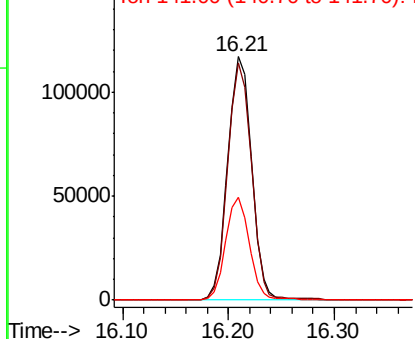


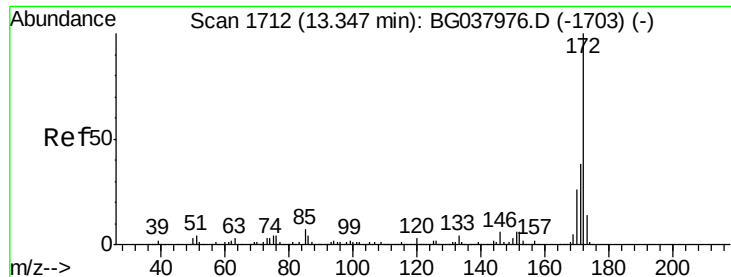
#42
 2,4,6-Tribromophenol
 Concen: 135.580 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038071.D
 Acq: 19 Nov 2018 20:41

Tgt Ion:330 Resp: 184634
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.4 117.6
 141 41.4 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

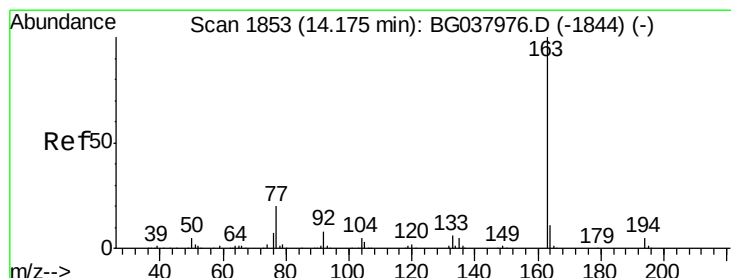
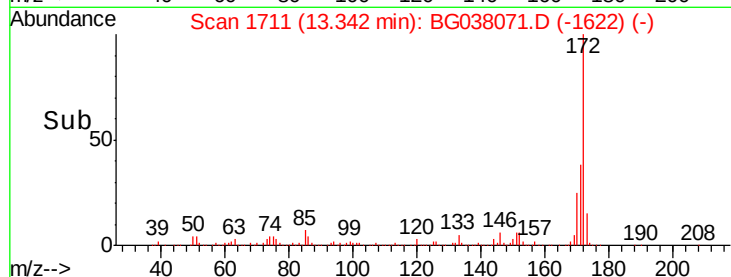
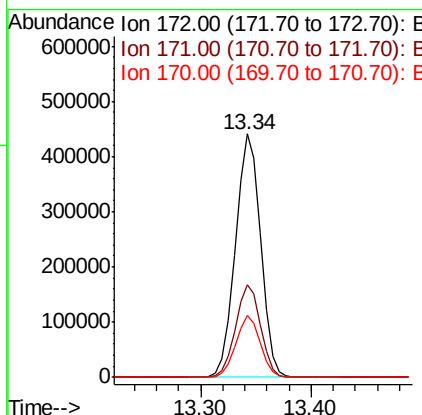
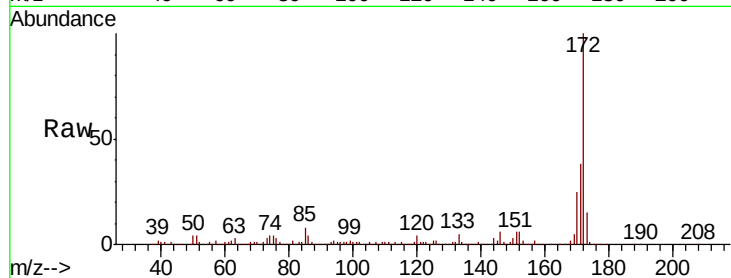




#45
 2-Fluorobiphenyl
 Concen: 86.293 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038071.D
 Acq: 19 Nov 2018 20:41

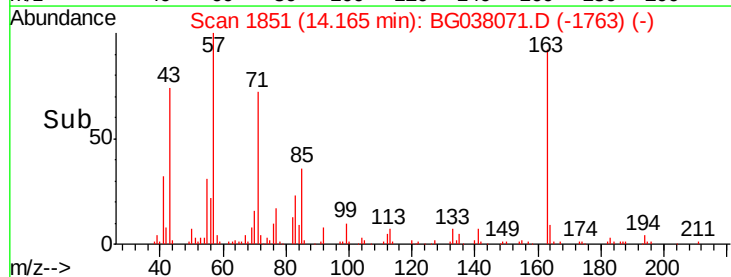
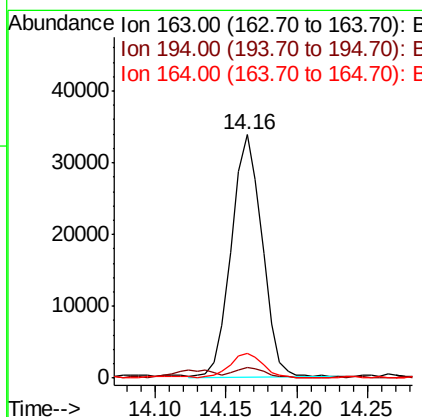
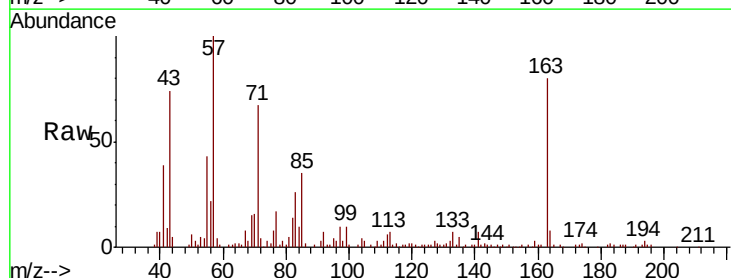
Instrument :
 BNA_G
 ClientSampleId :
 FDSB-03(26.5-28.5)

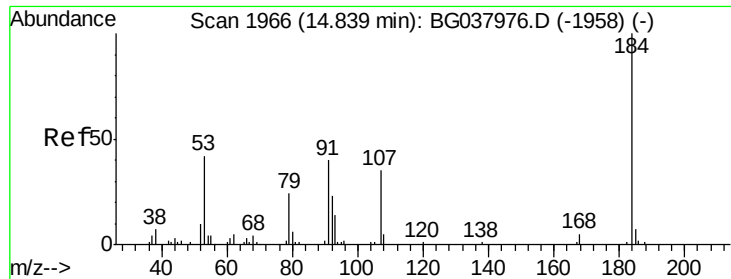
Tgt Ion:	172	Resp:	707277
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.2	20.2	30.2



#50
 Dimethylphthalate
 Concen: 5.405 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038071.D
 Acq: 19 Nov 2018 20:41

Tgt Ion:	163	Resp:	51162
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.5	12.7

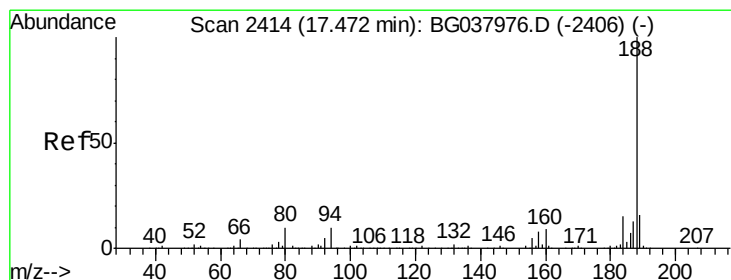
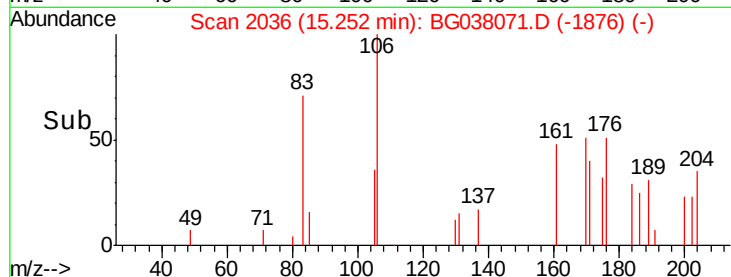
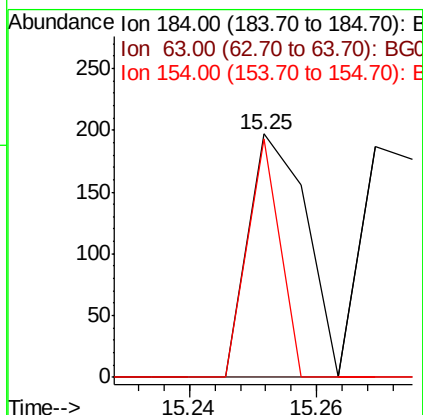
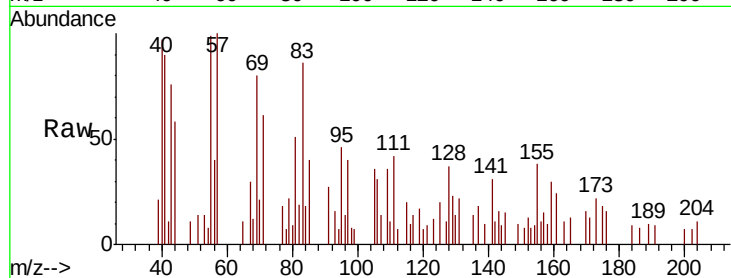




#54
2,4-Dinitrophenol
Concen: 9.379 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.41 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

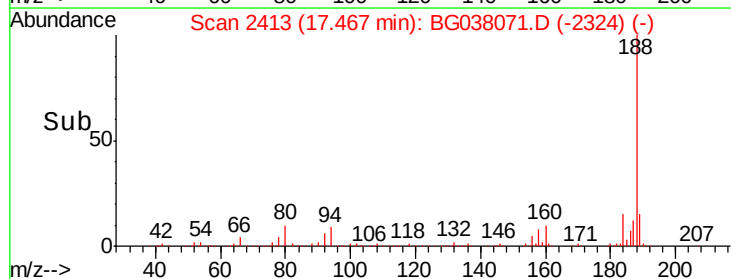
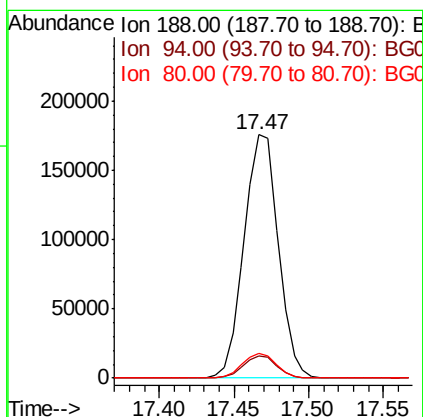
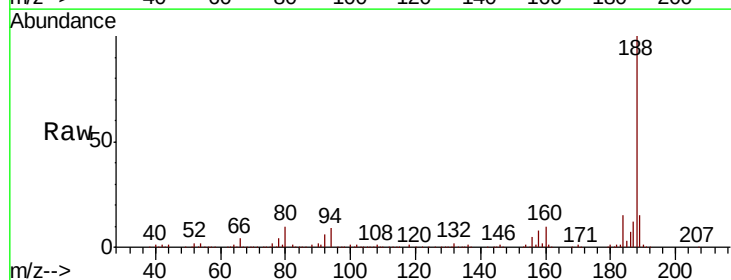
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

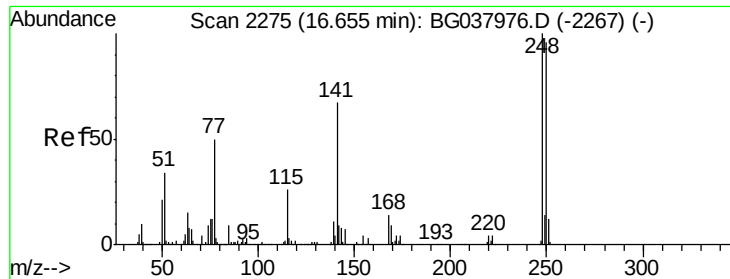
Tgt Ion:184 Resp: 124
Ion Ratio Lower Upper
184 100
63 0.0 42.6 63.8#
154 98.0 41.8 62.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion:188 Resp: 278921
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.9 7.7 11.5





#67

4-Bromophenyl-phenylether

Concen: 4.464 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

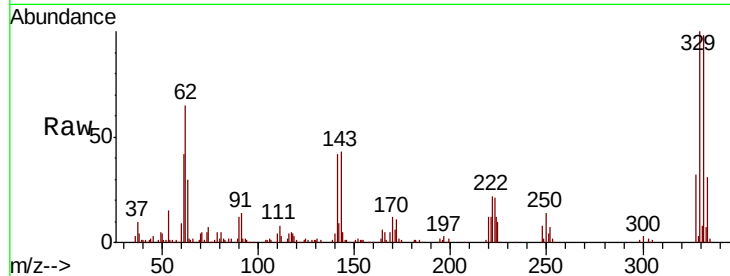
Tgt Ion:248 Resp: 13667

Ion Ratio Lower Upper

248 100

250 180.2 77.0 115.6#

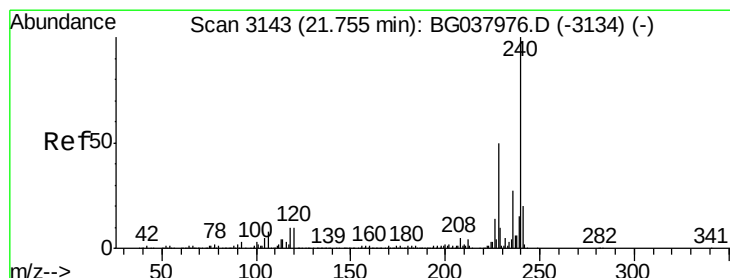
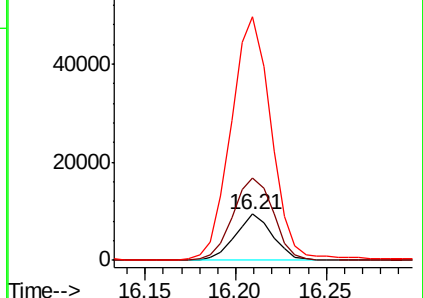
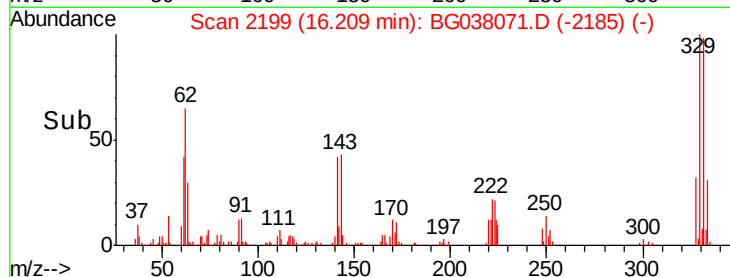
141 417.9 55.5 83.3#



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. -0.00 min

Lab File: BG038071.D

Acq: 19 Nov 2018 20:41

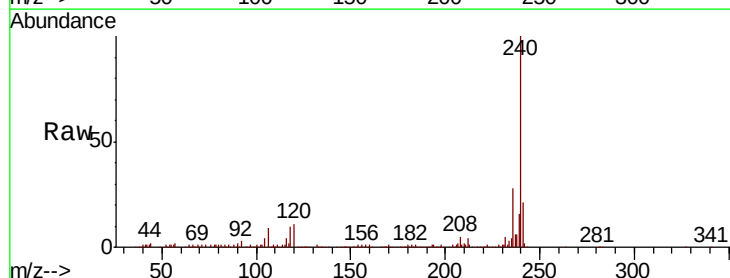
Tgt Ion:240 Resp: 260637

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

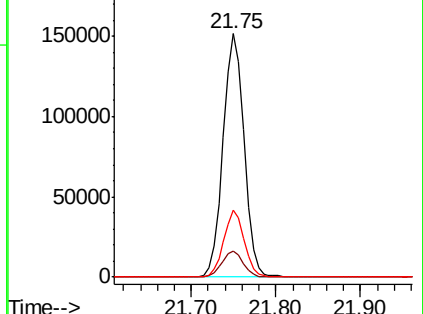
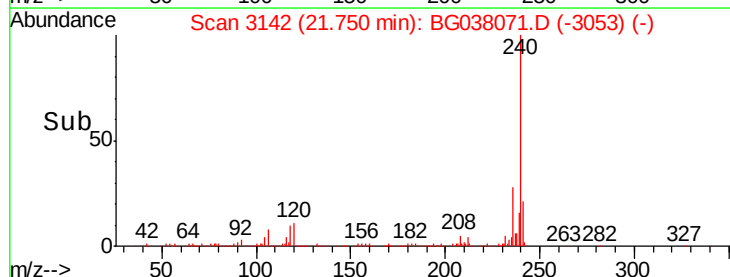
236 27.8 21.4 32.0

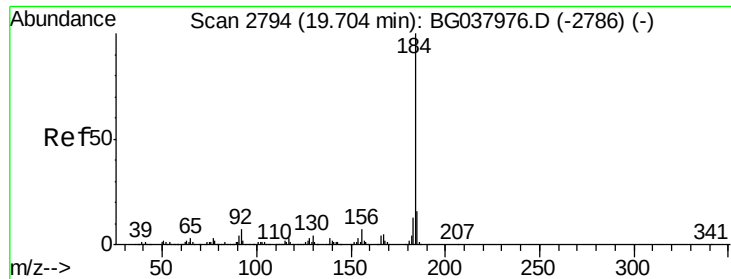


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

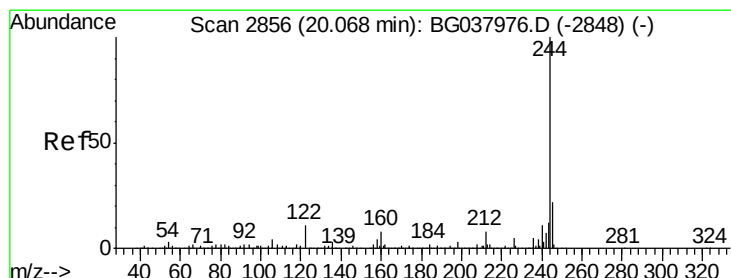
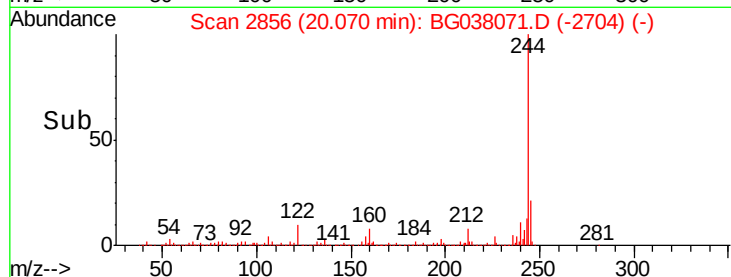
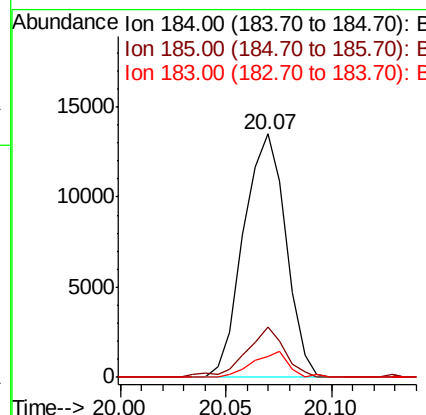
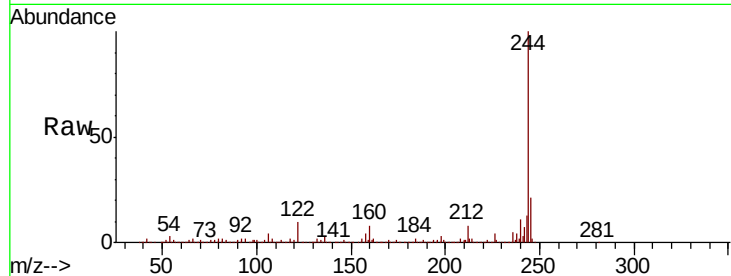




#77
Benzidine
Concen: 2.051 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.37 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

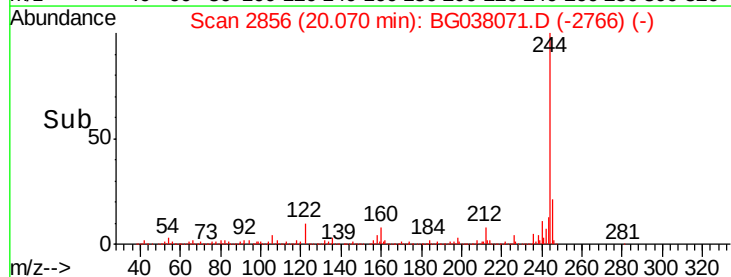
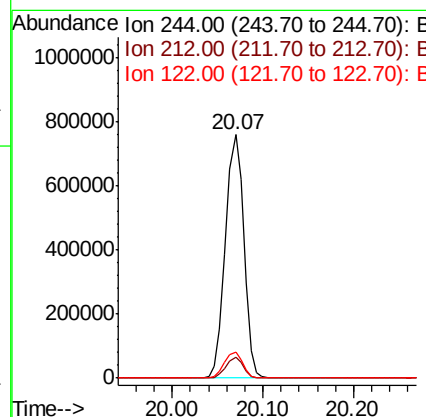
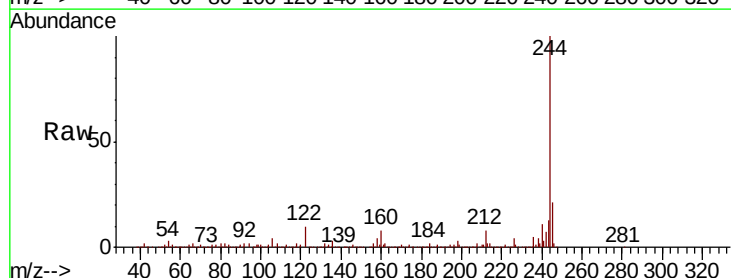
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

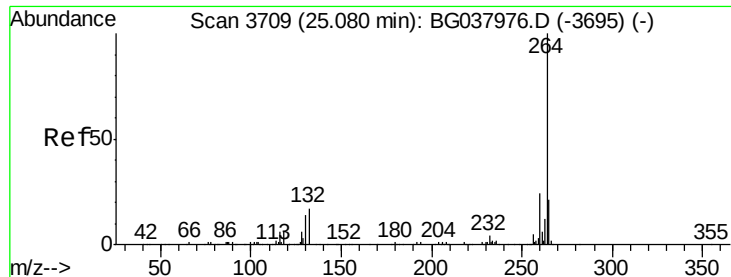
Tgt Ion:184 Resp: 18754
Ion Ratio Lower Upper
184 100
185 20.7 12.6 18.8#
183 8.5 10.2 15.2#



#79
Terphenyl-d14
Concen: 96.345 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

Tgt Ion:244 Resp: 1067194
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 10.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9

