

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 04:11:28 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

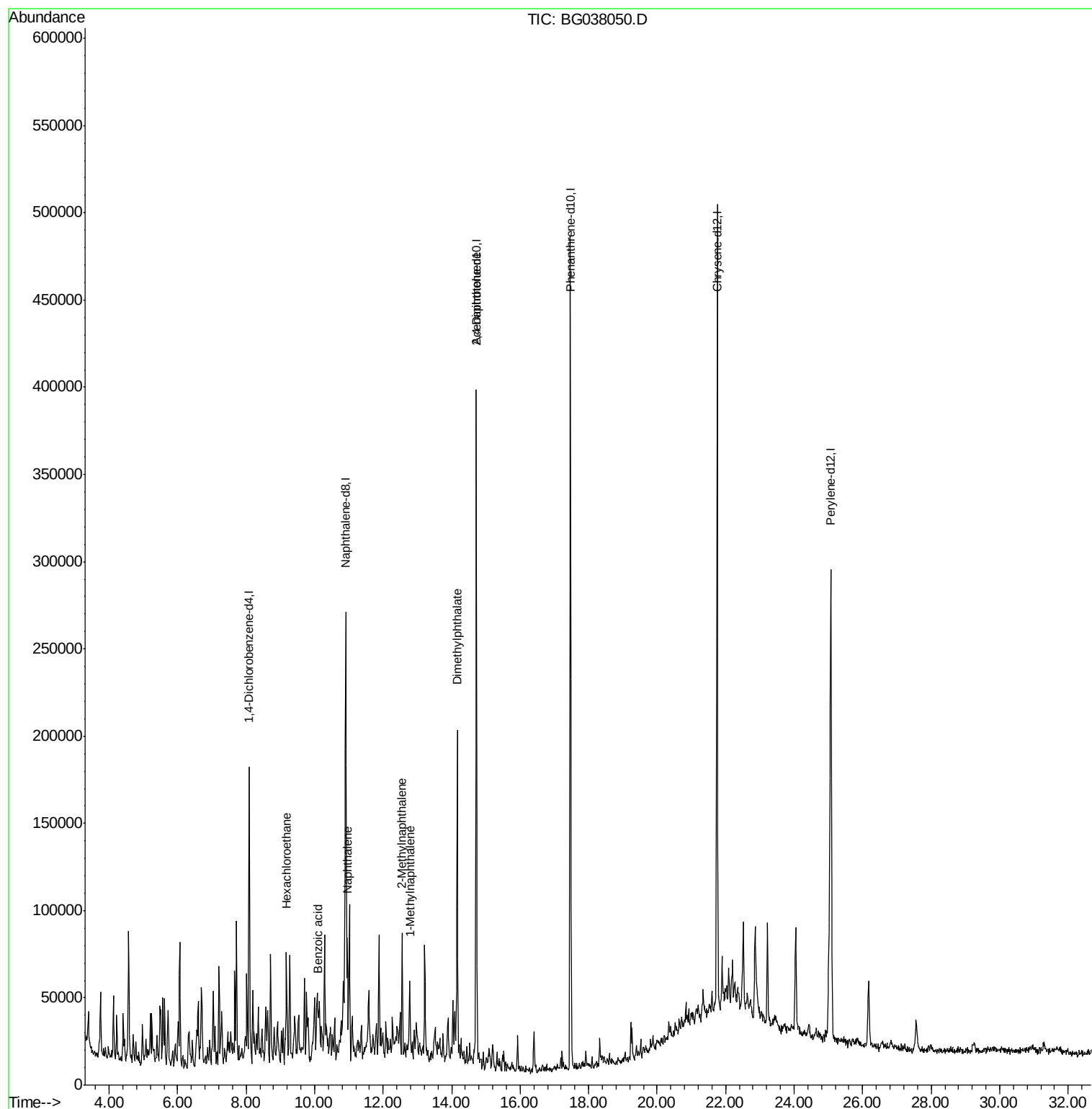
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.19	117	5973	4.191	ng	# 1
31) Naphthalene	10.96	128	41733	3.931	ng	98
32) Benzoic acid	10.10	122	387	12.477	ng	# 56
37) 2-Methylnaphthalene	12.55	142	36657	4.808	ng	97
38) 1-Methylnaphthalene	12.77	142	19769	2.694	ng	96
50) Dimethylphthalate	14.17	163	97259	9.358	ng	97
57) 2,4-Dinitrotoluene	14.72	165	18704	5.844	ng	# 26

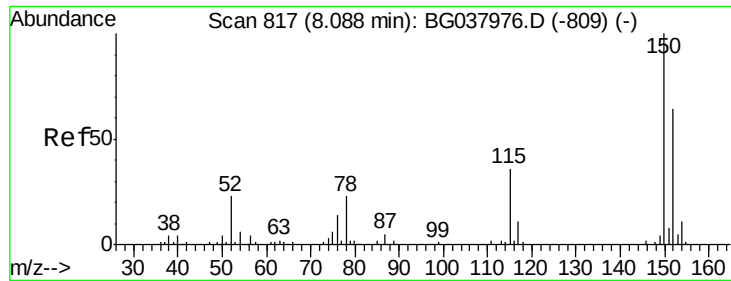
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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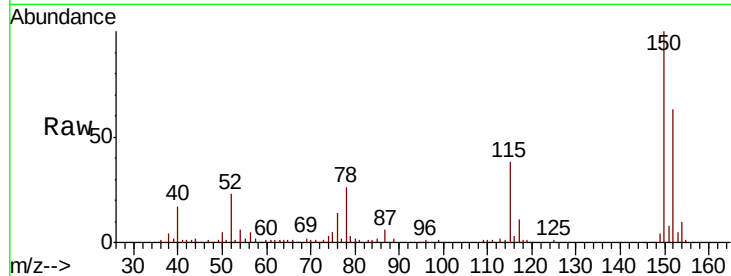


#1

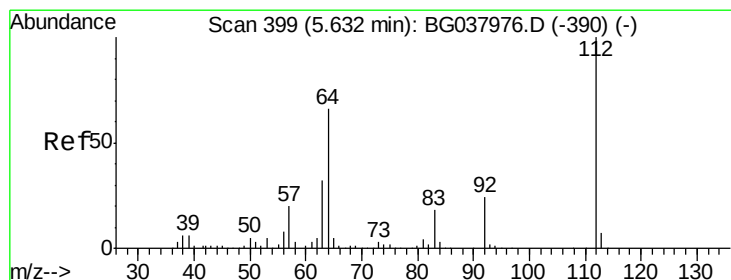
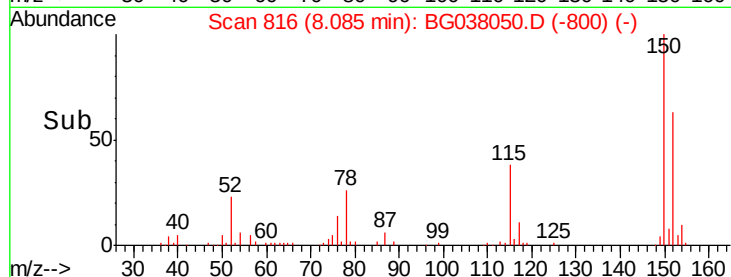
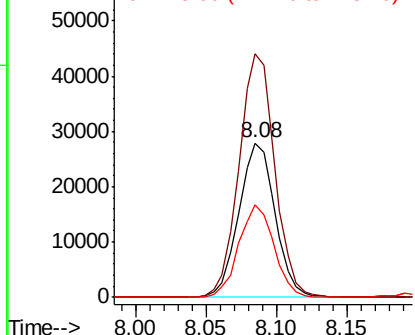
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

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

Tgt Ion:152 Resp: 50069
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 59.7 45.5 68.3



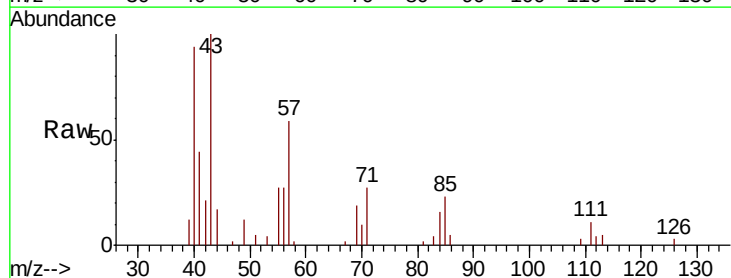
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



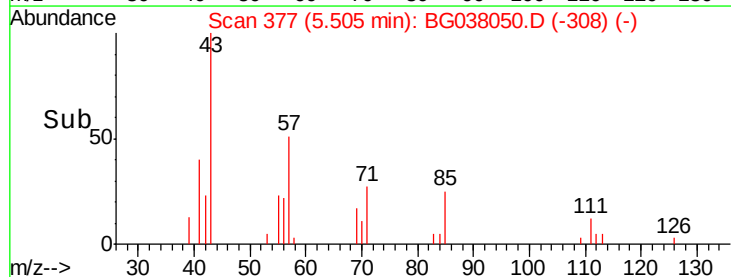
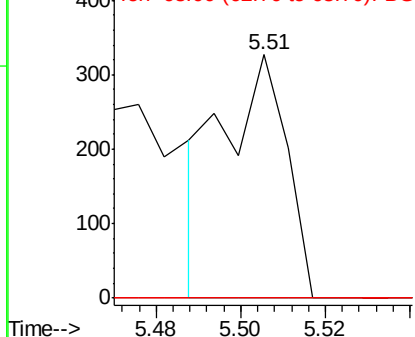
#5

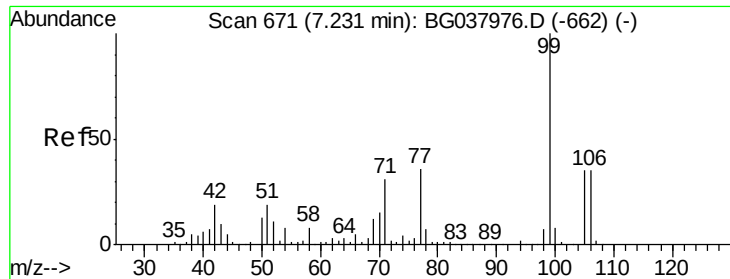
2-Fluorophenol
Concen: 0.118 ng
RT: 5.51 min Scan# 377
Delta R.T. -0.13 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

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)

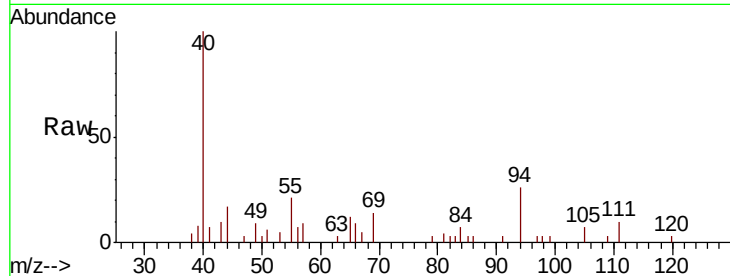
Tgt Ion: 99 Resp: 57

Ion Ratio Lower Upper

99 100

42 0.0 15.0 22.4#

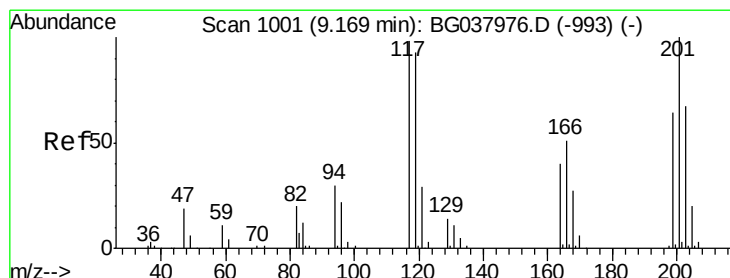
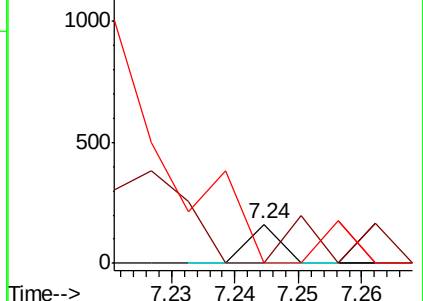
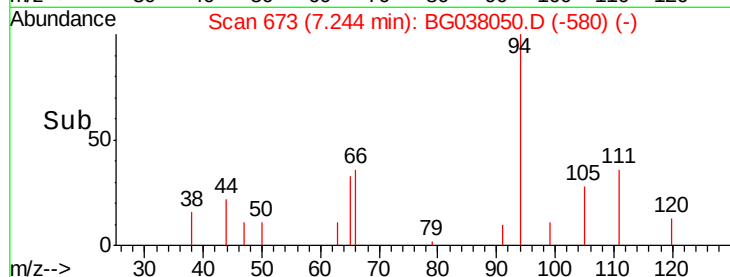
71 0.0 25.5 38.3#



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



#18

Hexachloroethane

Concen: 4.191 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BG038050.D

Acq: 17 Nov 2018 1:53

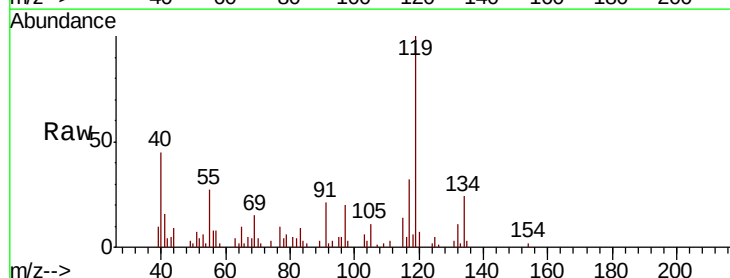
Tgt Ion: 117 Resp: 5973

Ion Ratio Lower Upper

117 100

119 308.1 74.6 111.8#

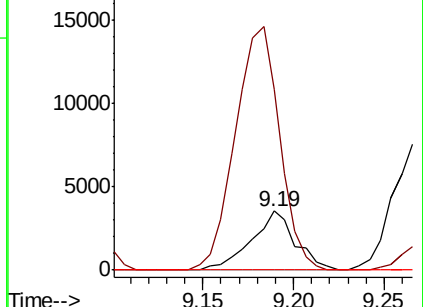
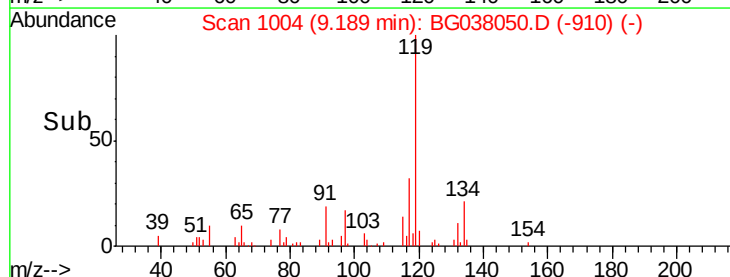
201 0.0 80.8 121.2#

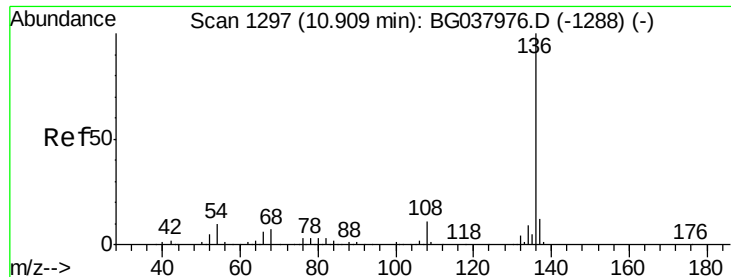


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

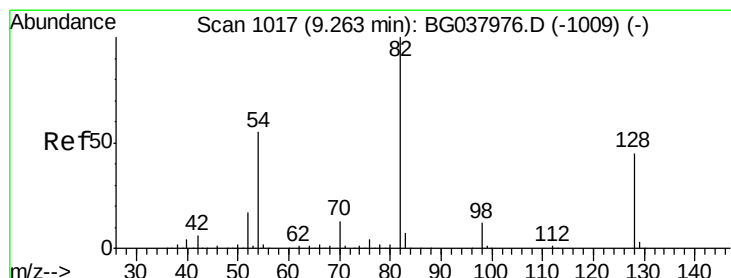
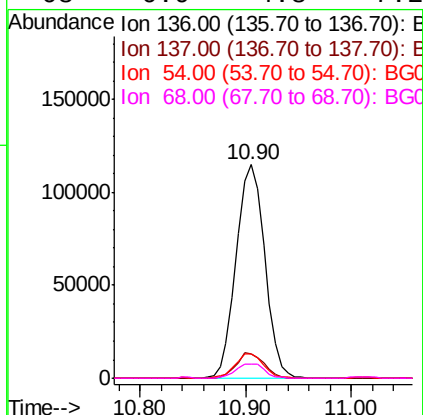
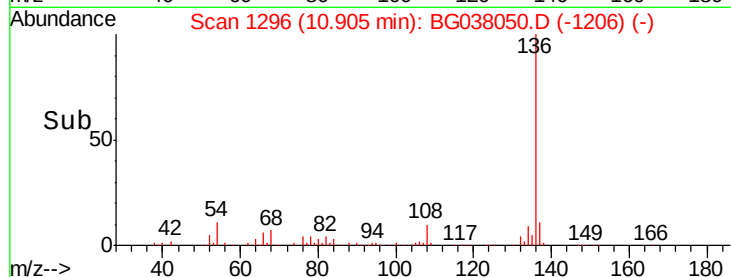
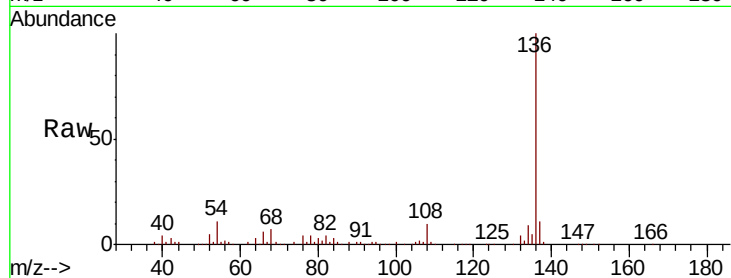




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

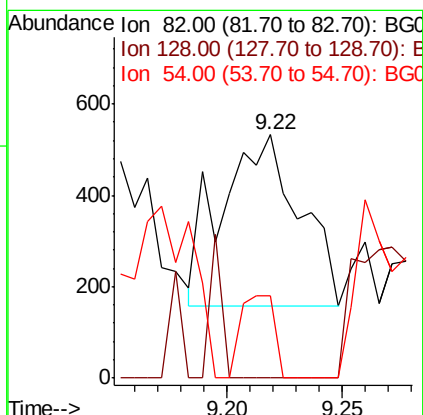
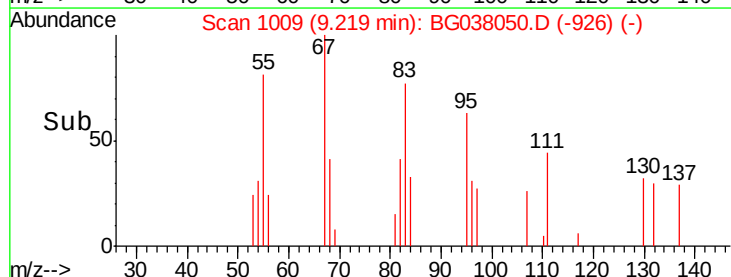
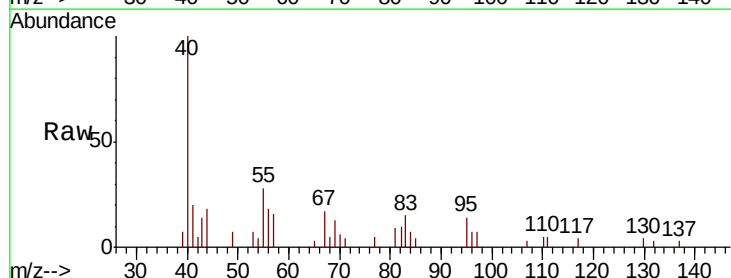
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

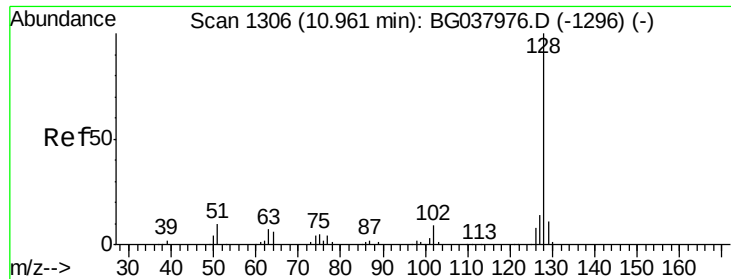
Tgt Ion:	136	Resp:	215820
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.3	7.9	11.9
68	6.9	4.8	7.2



#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

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

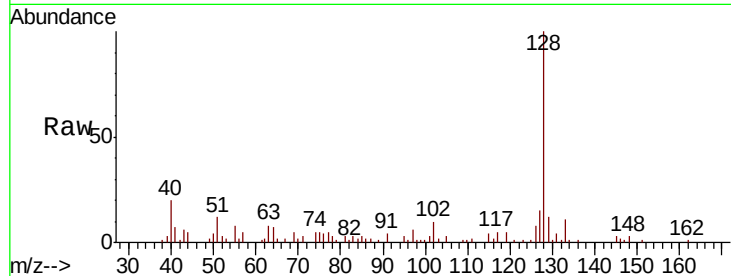




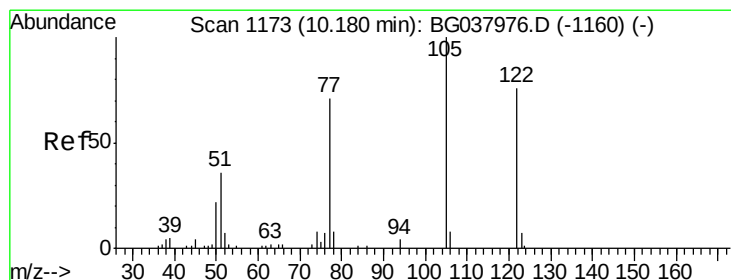
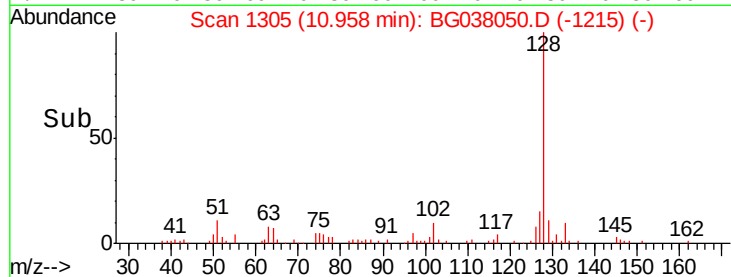
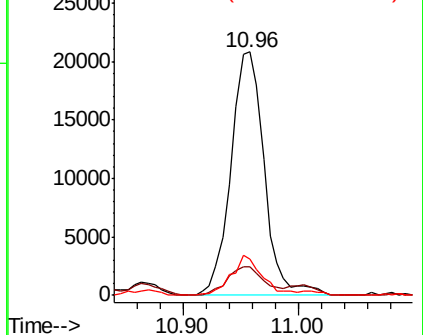
#31
Naphthalene
Concen: 3.931 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

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

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

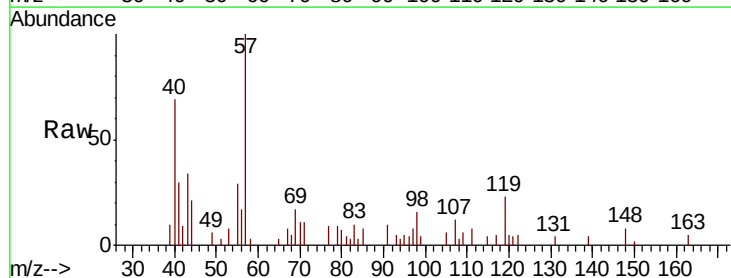


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

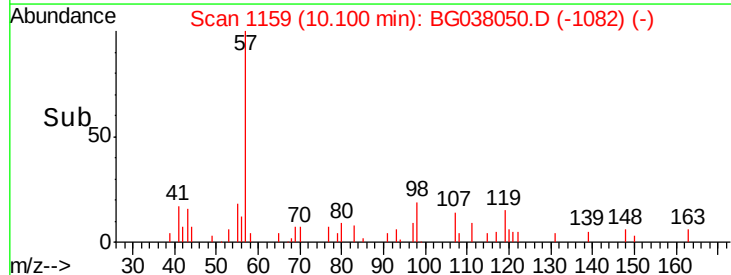
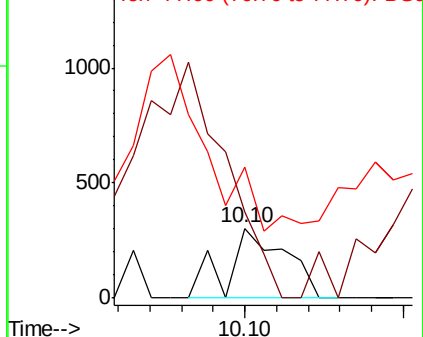


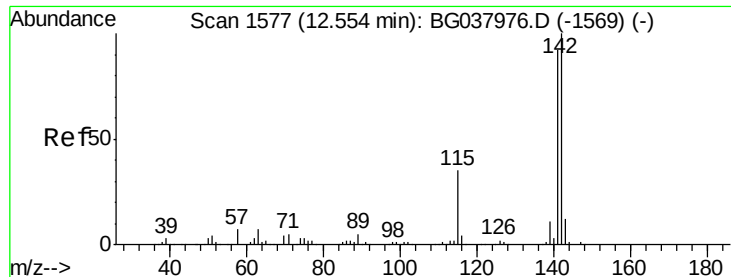
#32
Benzoic acid
Concen: 12.477 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.08 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

Tgt Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 123.5 106.7 146.7
77 188.7 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): BGO

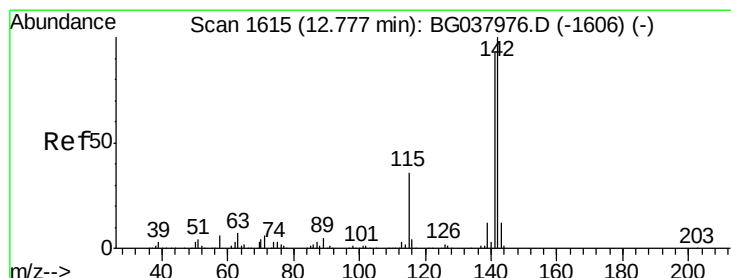
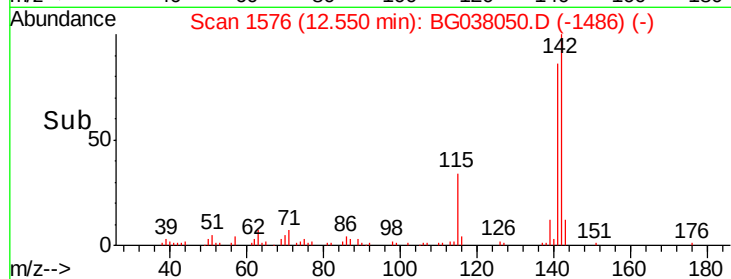
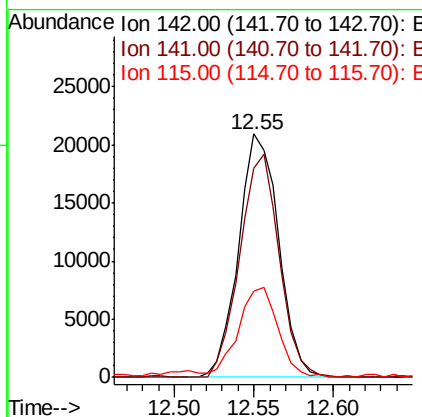
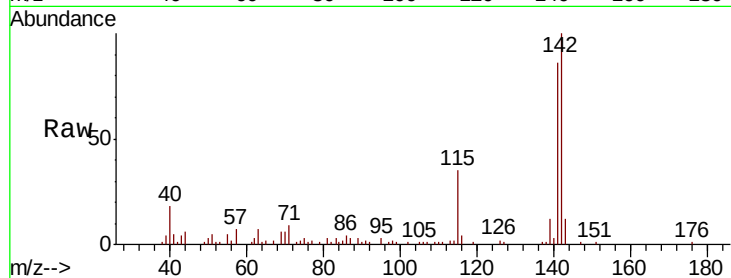




#37
2-Methylnaphthalene
Concen: 4.808 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

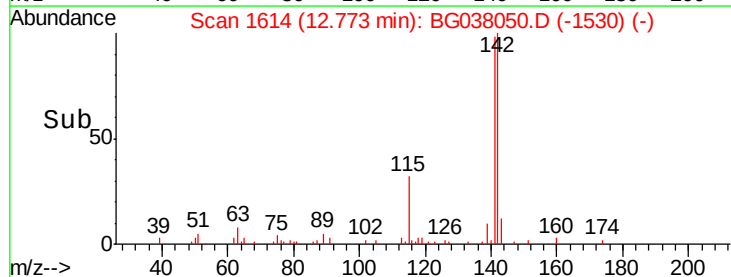
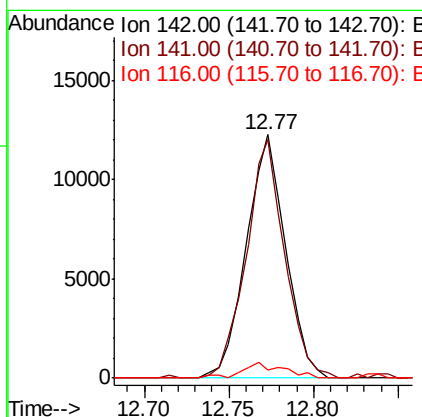
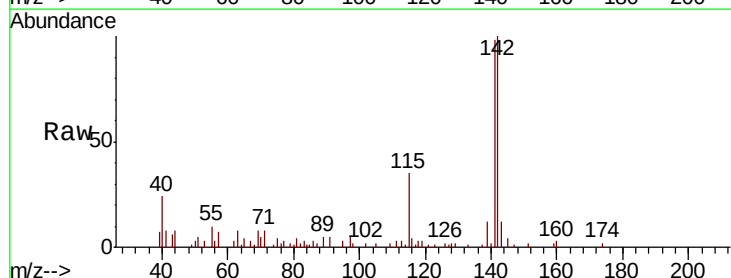
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

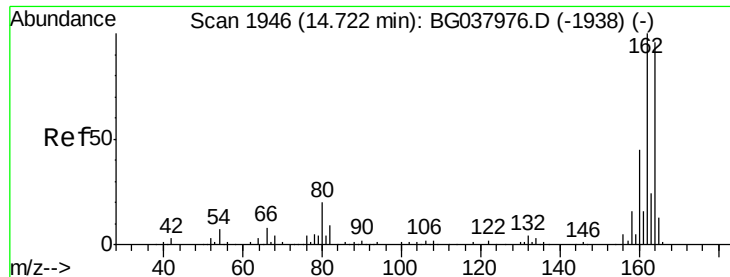
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.9	107.9
115	35.5	27.8	41.8



#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	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)

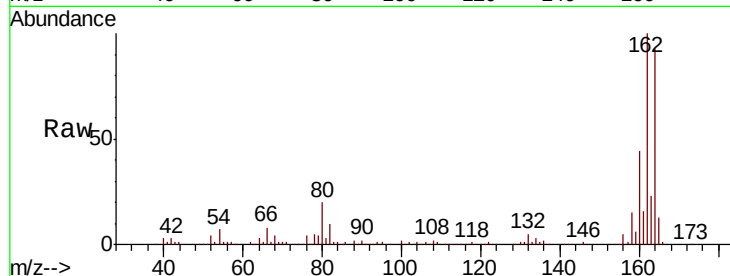
Tgt Ion: 164 Resp: 131098

Ion Ratio Lower Upper

164 100

162 107.4 81.3 121.9

160 47.0 36.3 54.5

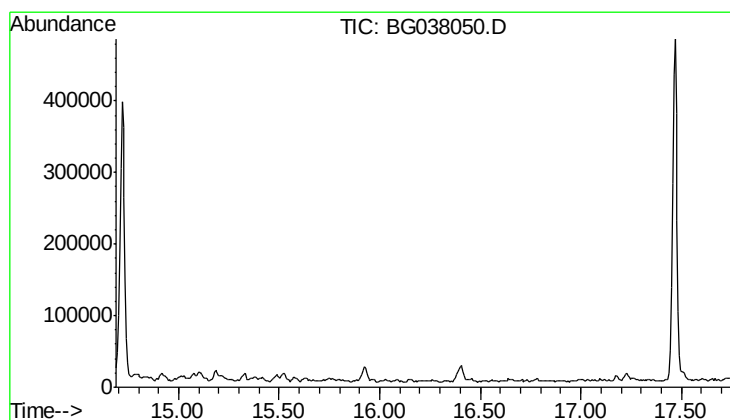
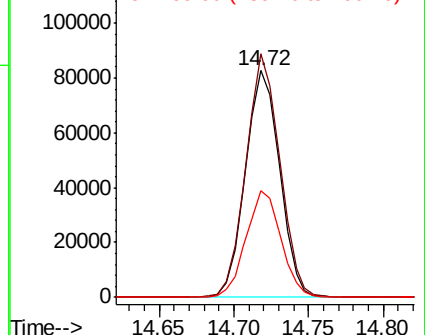
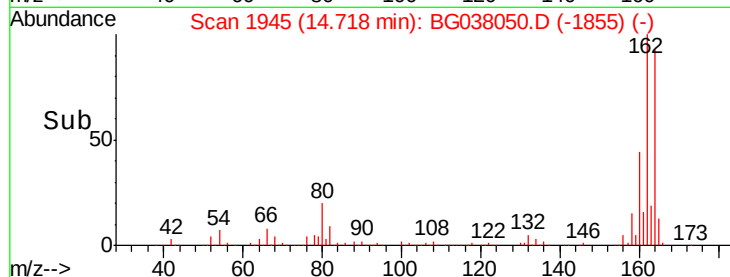


Abundance

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

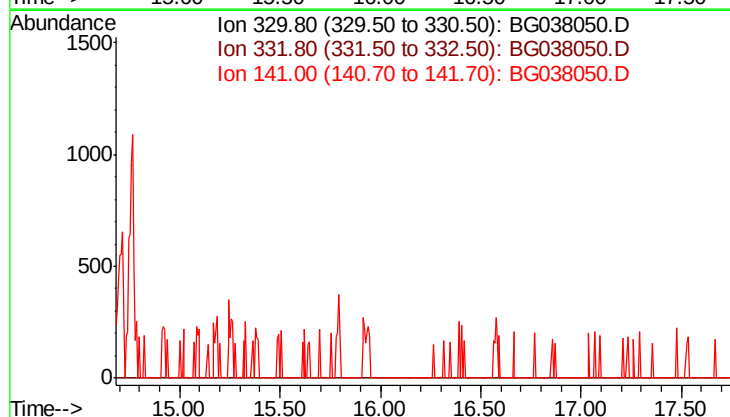
Tgt Ion: 330

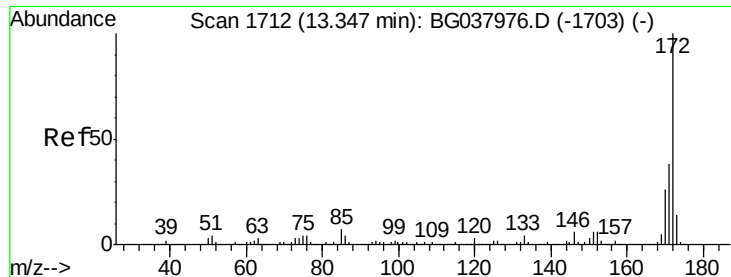
Sig Exp Ratio

330 100

332 98.0

141 40.2

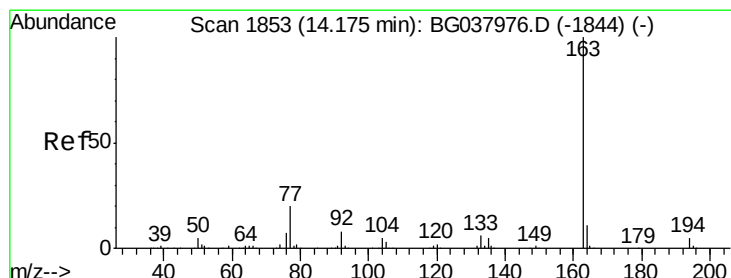
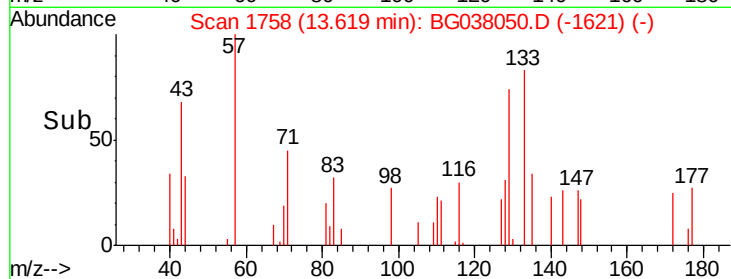
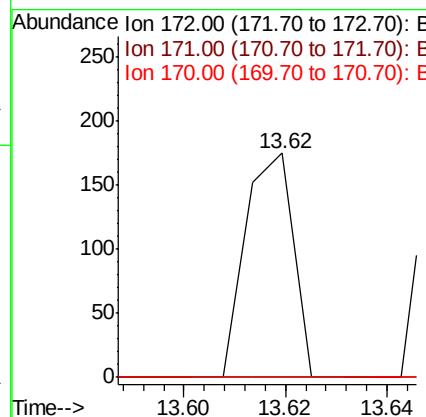
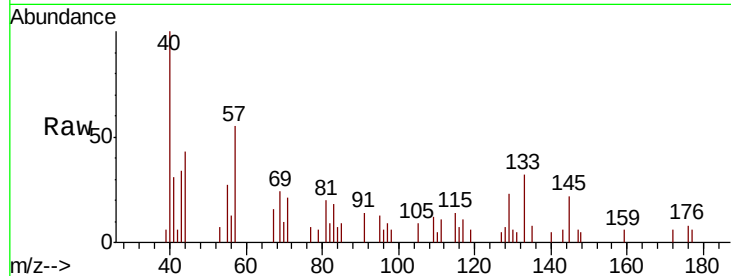




#45
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.62 min Scan# 1758
Delta R.T. 0.27 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

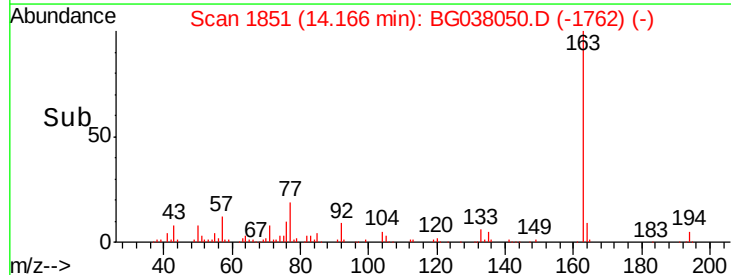
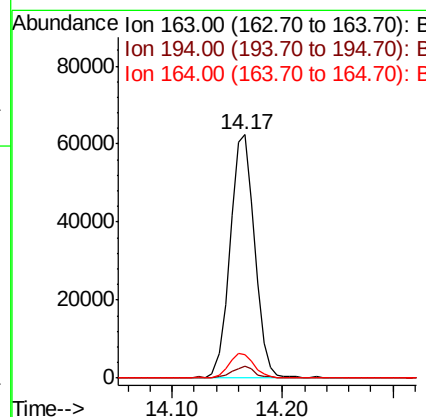
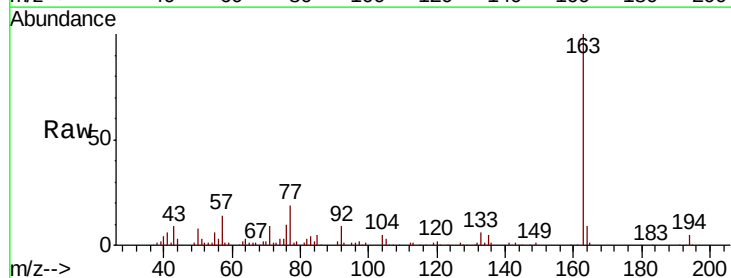
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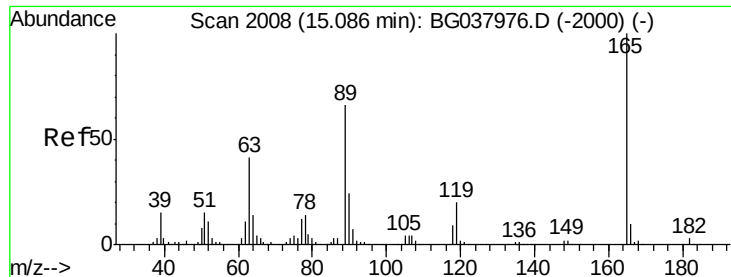
Tgt Ion:172 Resp: 115
Ion Ratio Lower Upper
172 100
171 0.0 31.0 46.4#
170 0.0 20.2 30.2#



#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

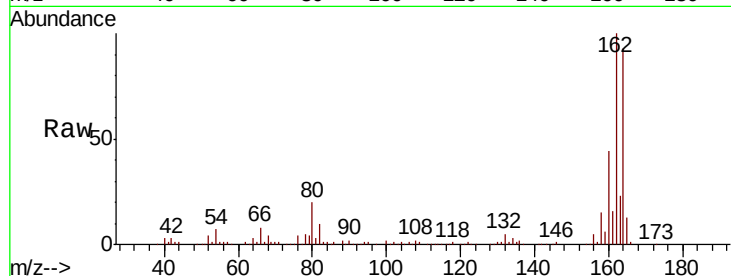




#57
 2,4-Dinitrotoluene
 Concen: 5.844 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038050.D
 Acq: 17 Nov 2018 1:53

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#

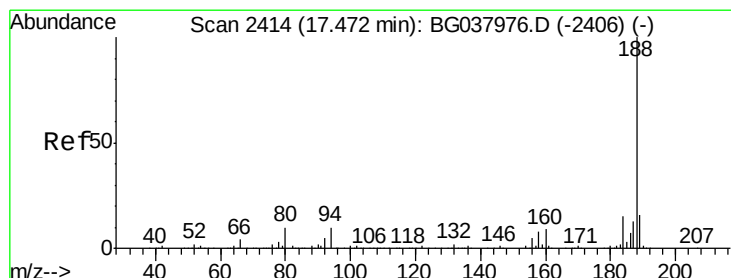
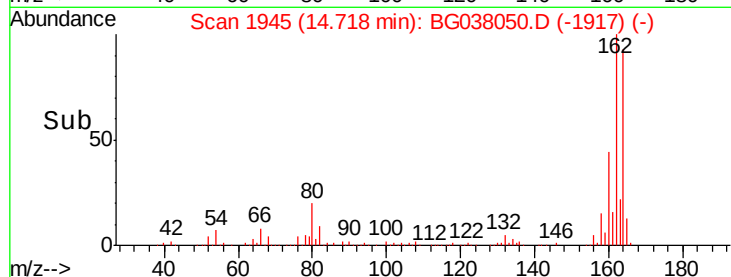
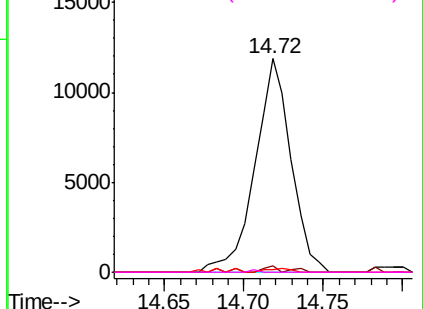


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

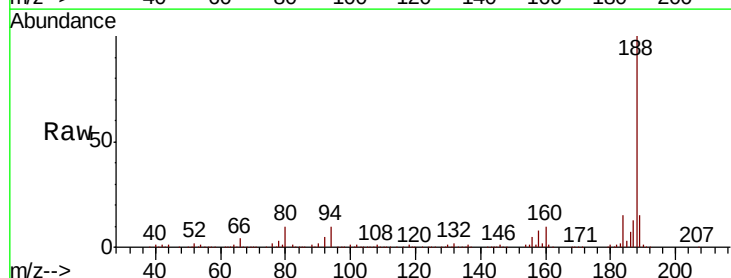
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038050.D
 Acq: 17 Nov 2018 1:53

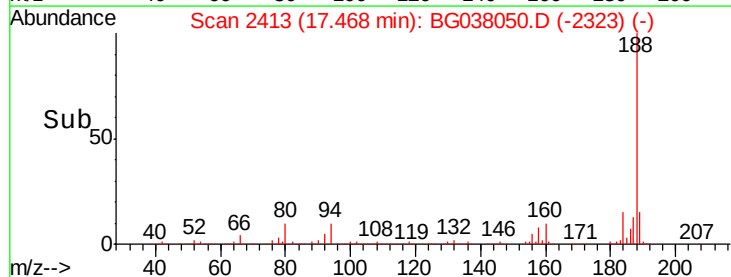
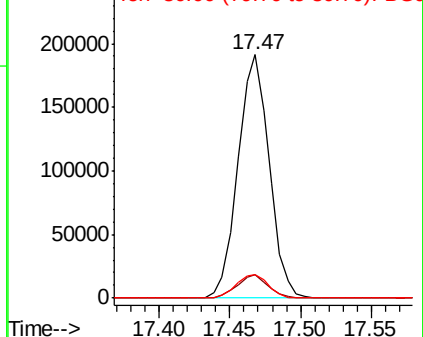
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.7	7.7	11.5

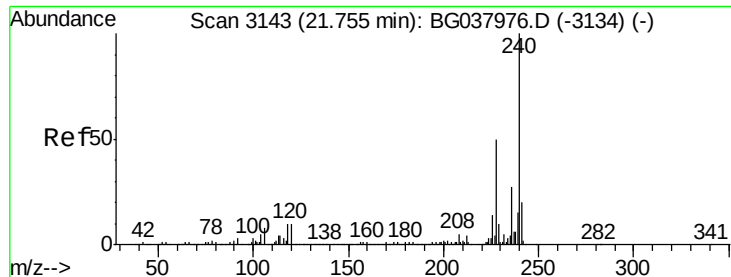


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

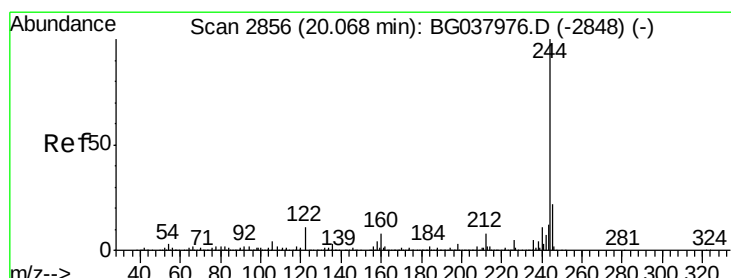
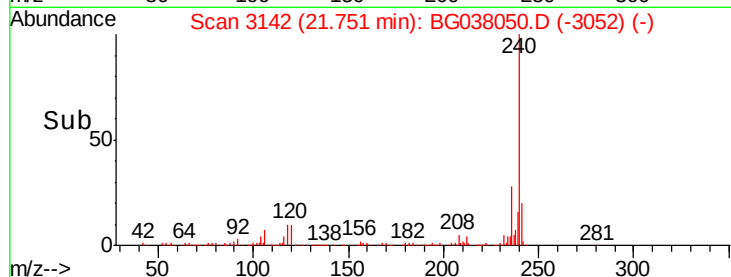
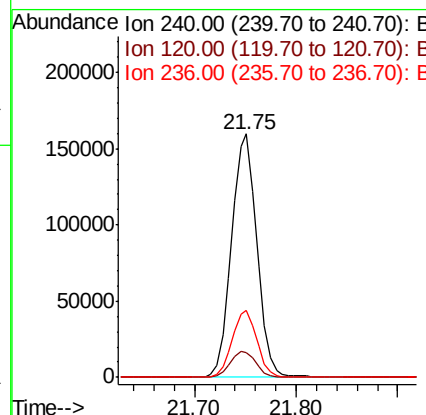
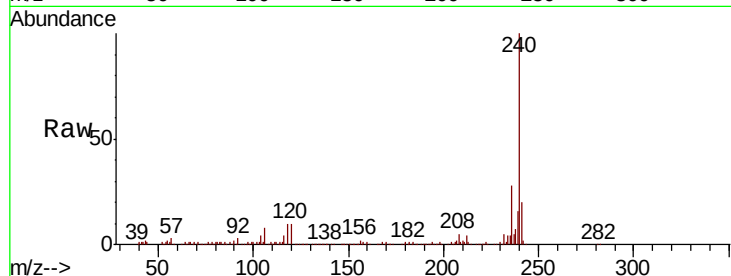




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038050.D
Acq: 17 Nov 2018 1:53

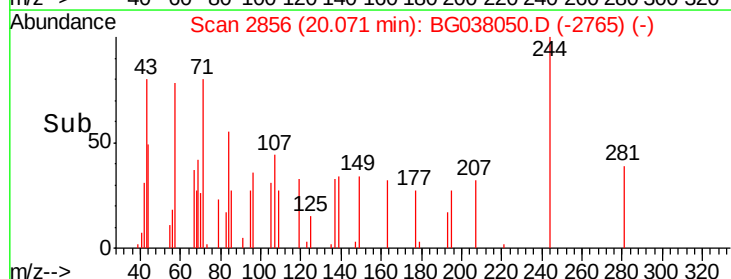
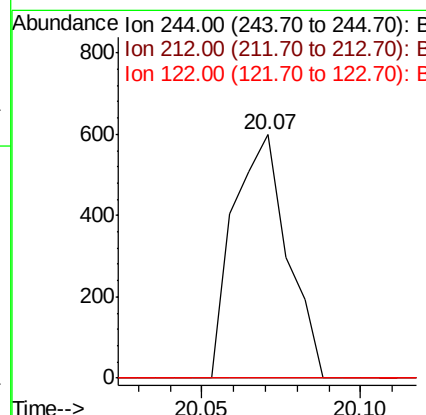
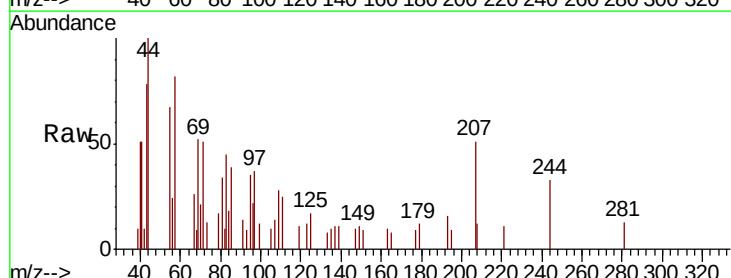
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

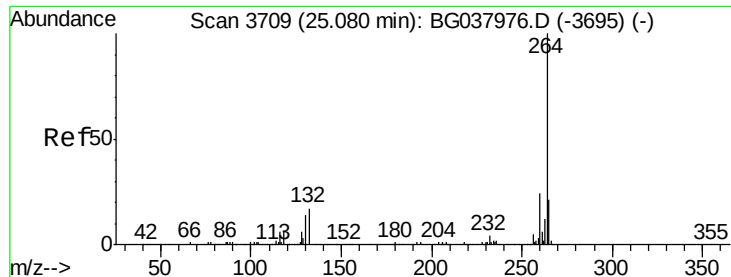
Tgt Ion:240 Resp: 276826
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 27.7 21.4 32.0



#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

Tgt Ion:244 Resp: 705
Ion Ratio Lower Upper
244 100
212 0.0 6.5 9.7#
122 0.0 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: BG038050.D
Acq: 17 Nov 2018 1:53

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.6	17.9	26.9

