

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038040.D
 Acq On : 16 Nov 2018 19:18
 Operator : JU/SJ
 Sample : J5951-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-04(26.5-28.5)

Quant Time: Nov 17 02:52:34 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

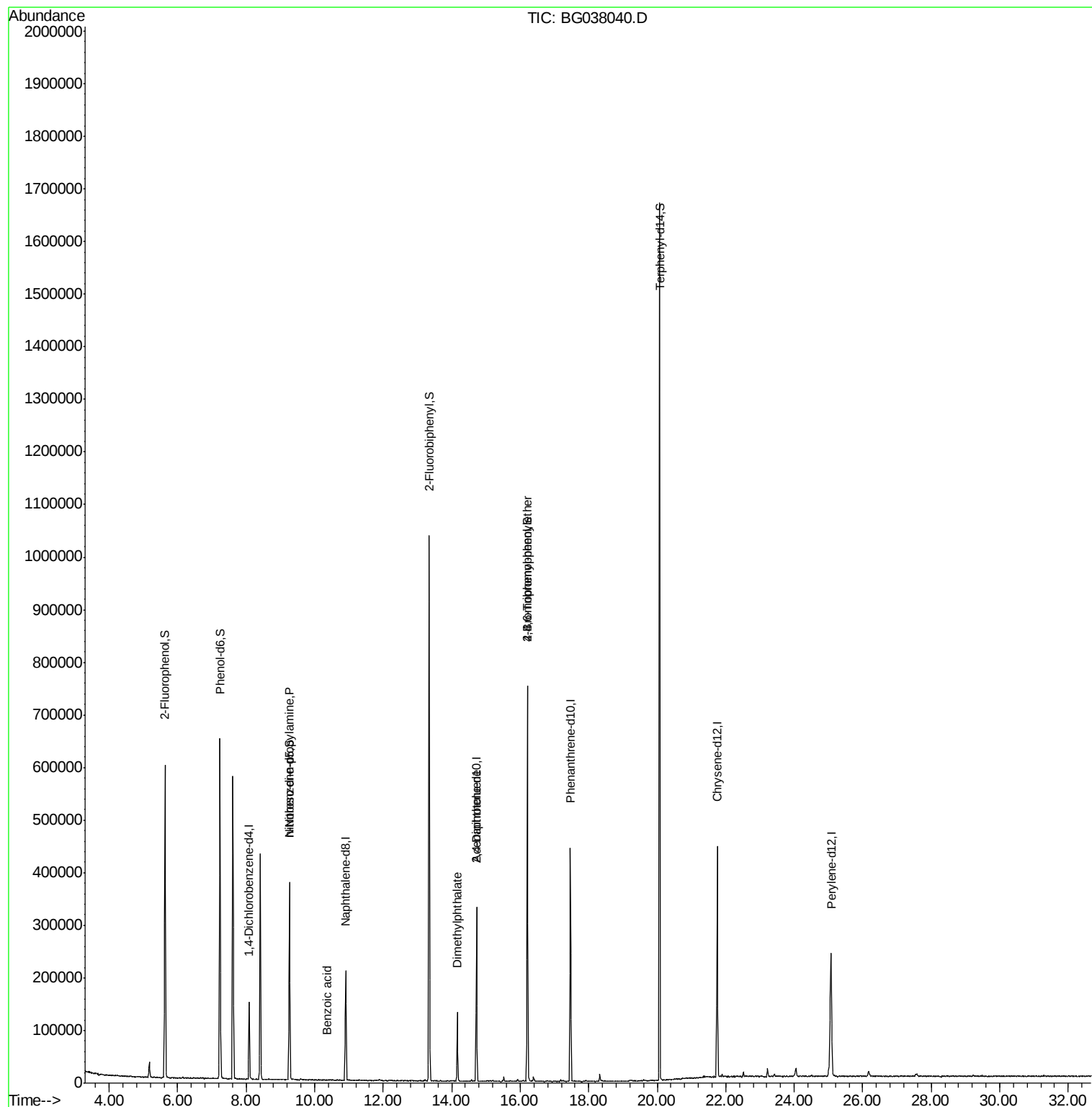
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42794	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	189832	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120025	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	275956	20.00	ng	0.00
76) Chrysene-d12	21.75	240	268149	20.00	ng	0.00
87) Perylene-d12	25.07	264	270844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	269739	108.83	ng	0.00
7) Phenol-d6	7.23	99	389581	110.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	239209	67.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	132419	96.74	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	547503	66.46	ng	0.00
79) Terphenyl-d14	20.07	244	826281	72.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	29342	11.462	ng	# 73
32) Benzoic acid	10.38	122	67	12.361	ng	# 1
50) Dimethylphthalate	14.17	163	89097	9.364	ng	98
57) 2,4-Dinitrotoluene	14.72	165	15702	5.359	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10247	3.383	ng	# 1

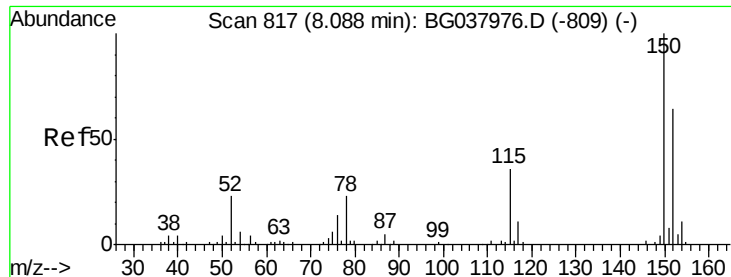
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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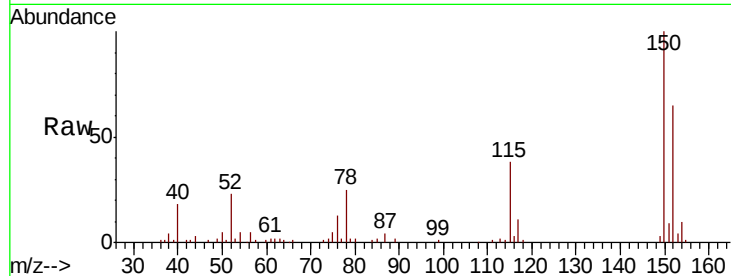


#1

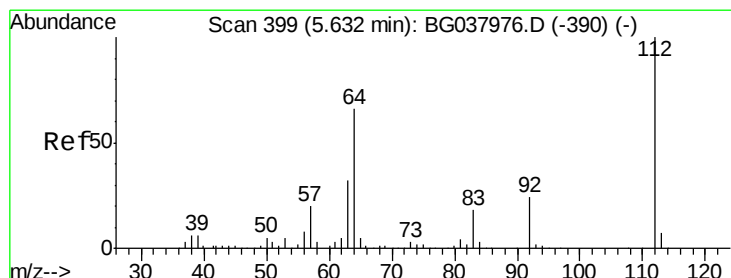
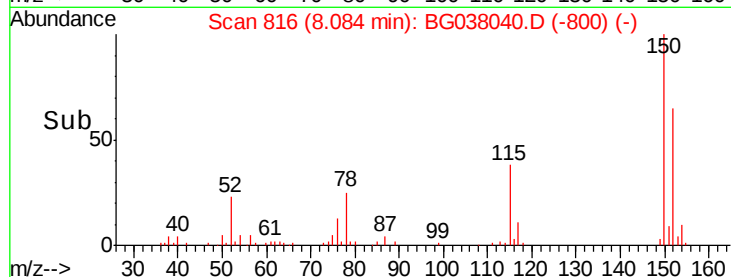
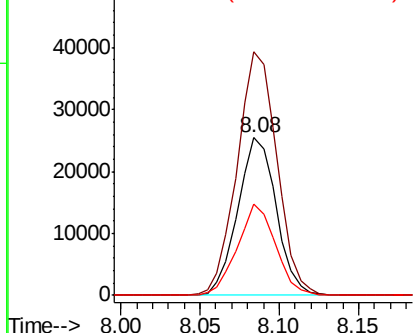
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tgt Ion:152 Resp: 42794
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 58.1 45.5 68.3



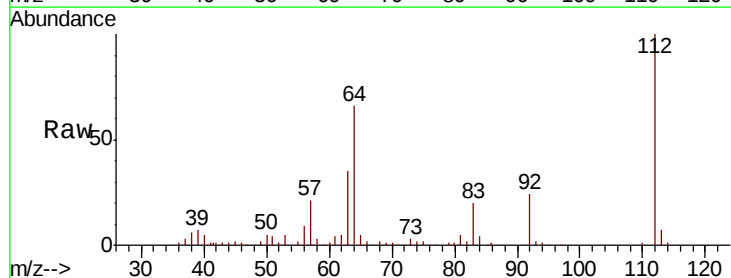
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



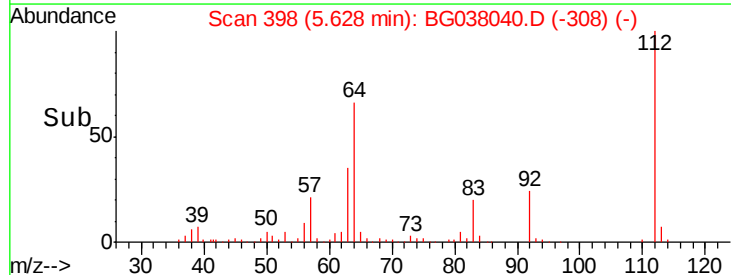
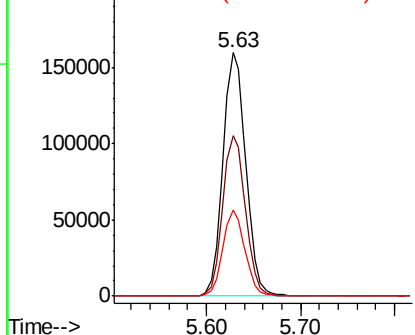
#5

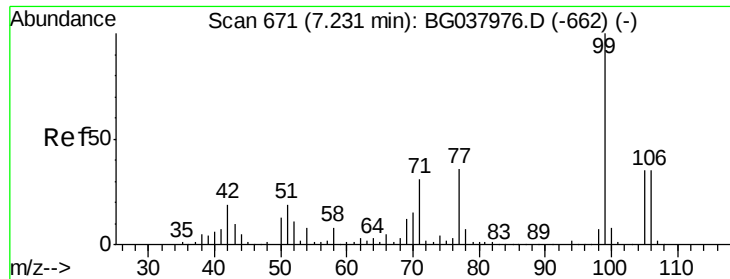
2-Fluorophenol
Concen: 108.829 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Tgt Ion:112 Resp: 269739
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 35.4 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: 110.113 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

FDSB-04(26.5-28.5)

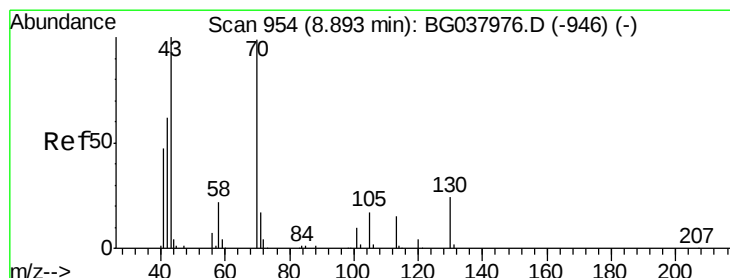
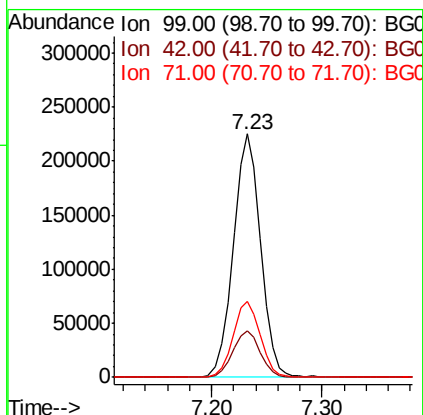
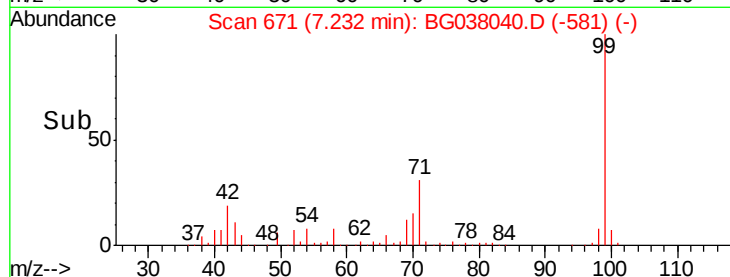
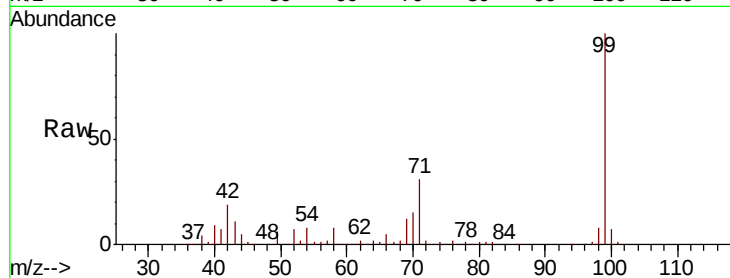
Tgt Ion: 99 Resp: 389581

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

71 31.2 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.462 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Tgt Ion: 70 Resp: 29342

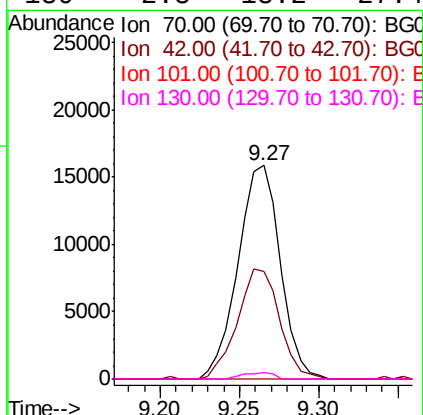
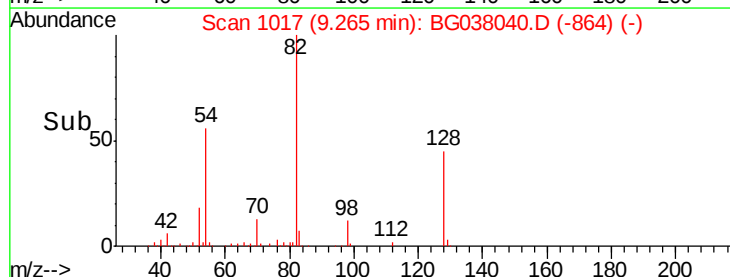
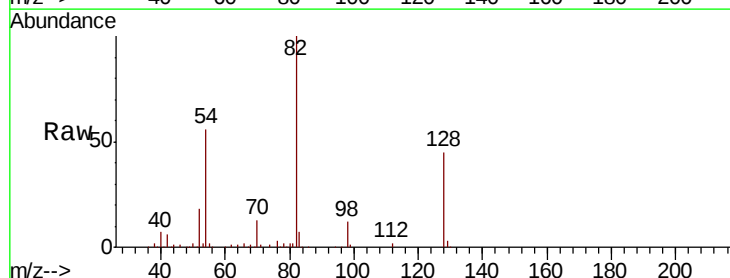
Ion Ratio Lower Upper

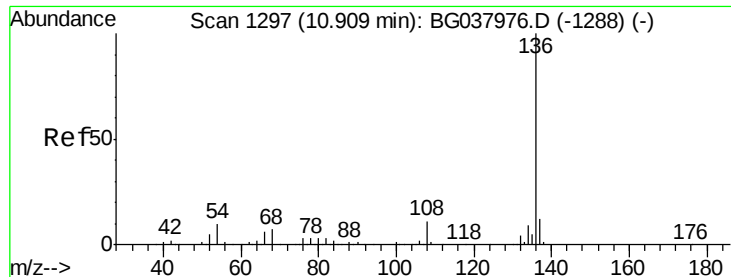
70 100

42 50.1 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 18.2 27.4#

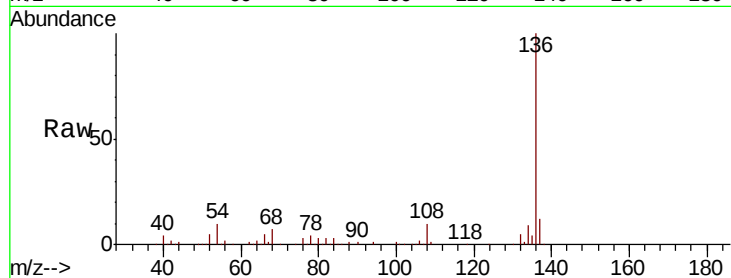




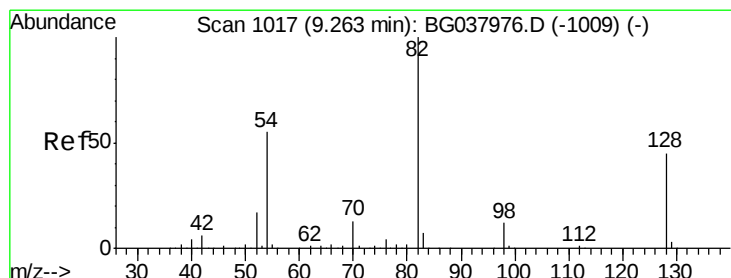
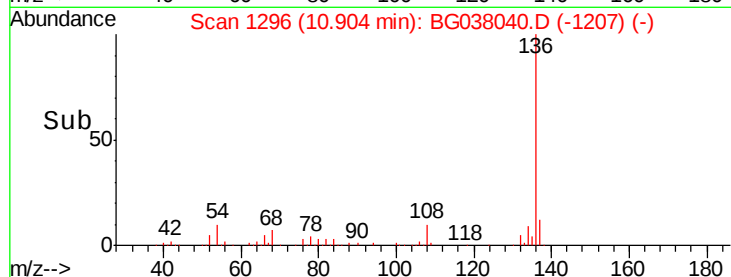
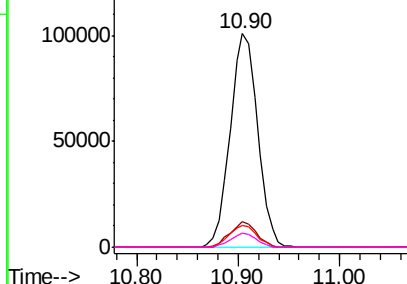
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tgt Ion:	136	Resp:	189832
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.3	7.9	11.9
68	6.9	4.8	7.2

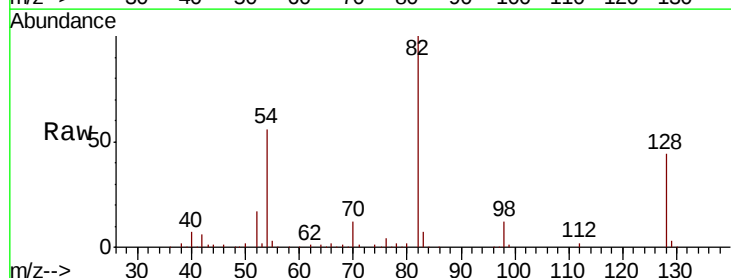


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

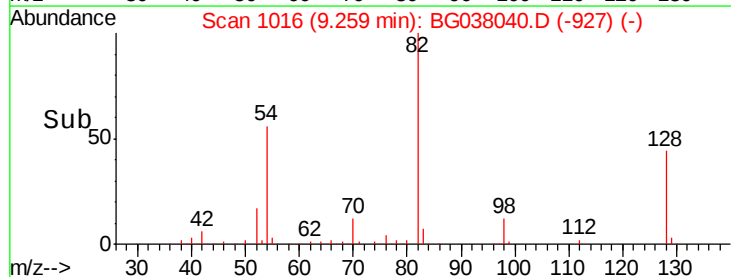
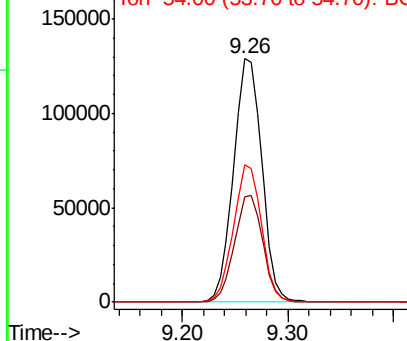


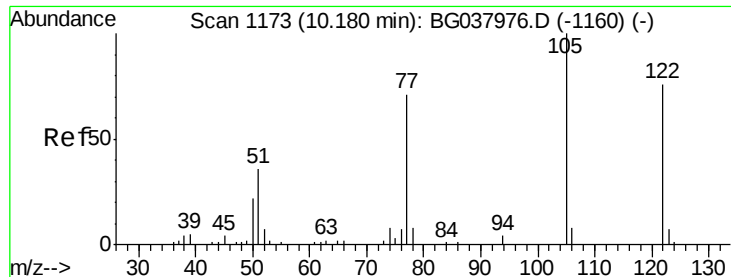
#23
Nitrobenzene-d5
Concen: 67.454 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Tgt Ion:	82	Resp:	239209
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	56.3	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

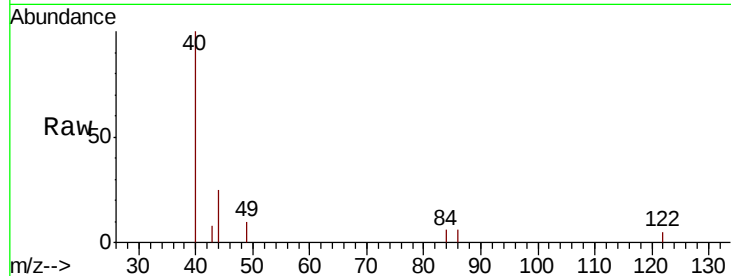




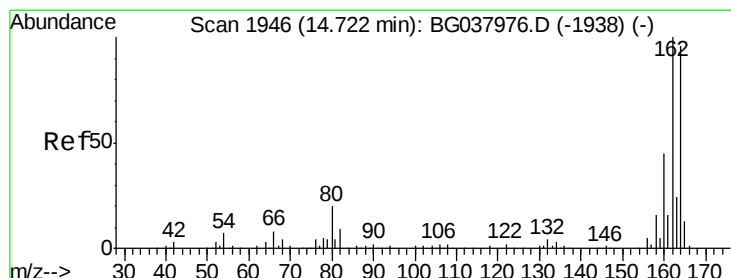
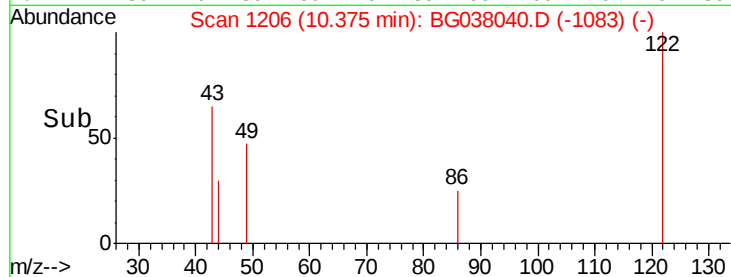
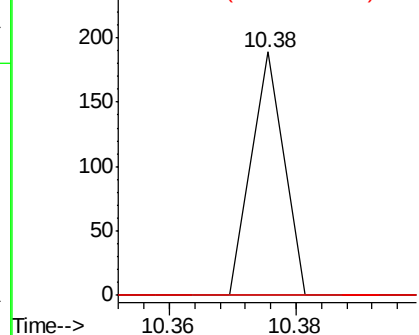
#32
Benzoic acid
Concen: 12.361 ng
RT: 10.38 min Scan# 1206
Delta R.T. 0.20 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#

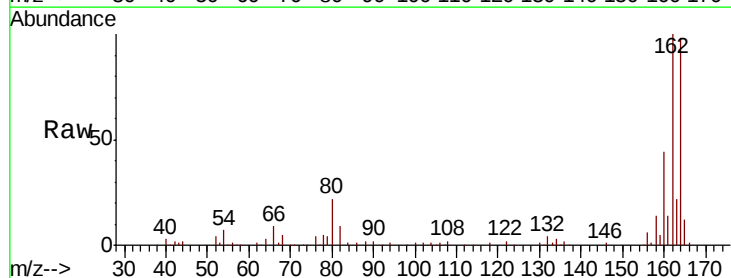


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

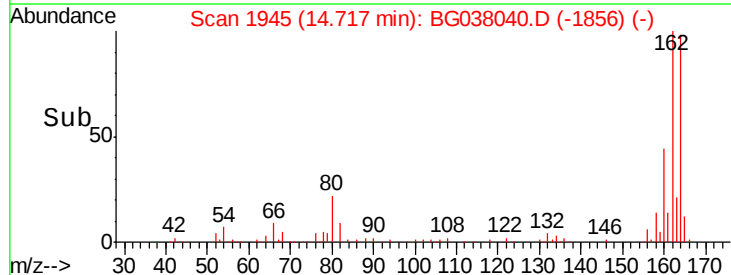
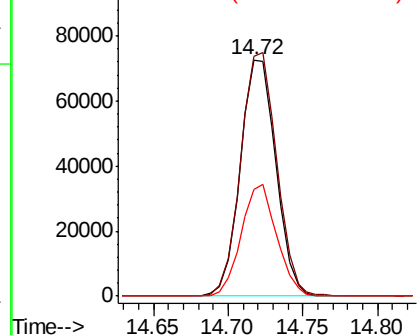


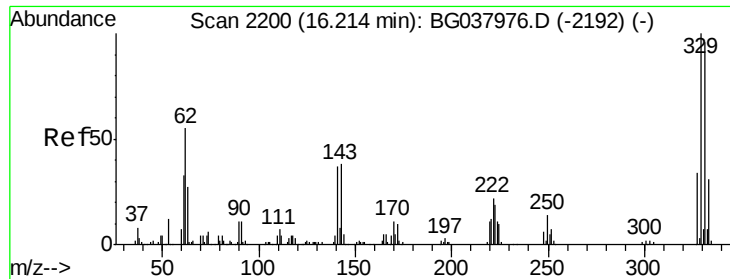
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Tgt Ion:164 Resp: 120025
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.2 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

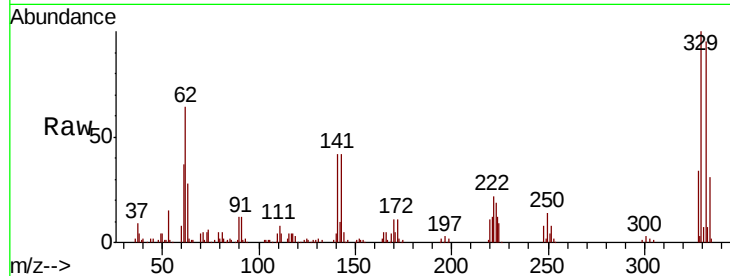




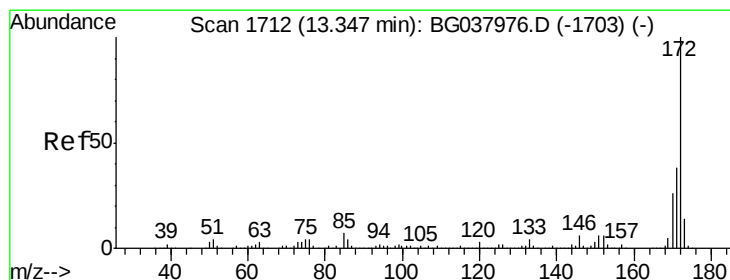
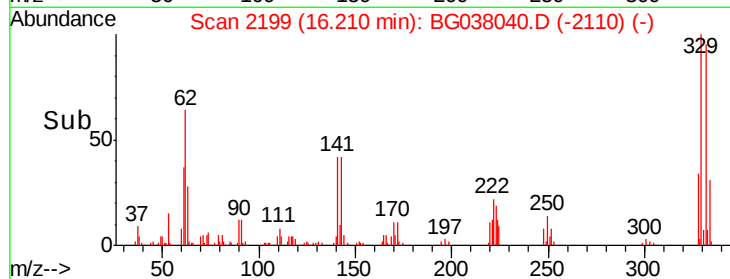
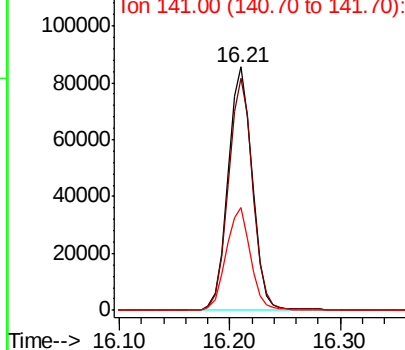
#42
 2,4,6-Tribromophenol
 Concen: 96.737 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-04(26.5-28.5)

Tgt Ion:330 Resp: 132419
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.4 117.6
 141 42.3 32.2 48.2

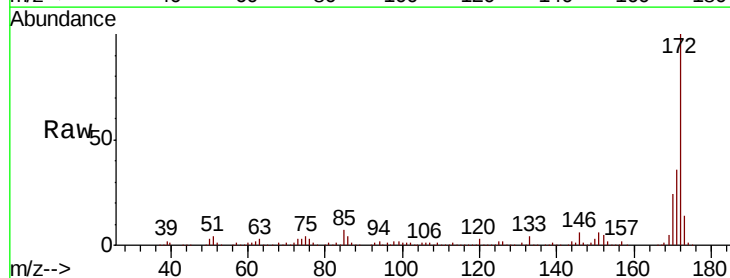


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

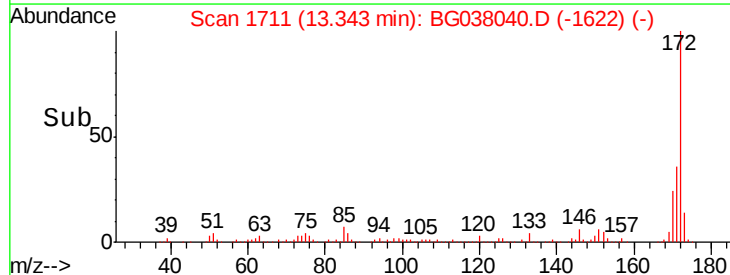
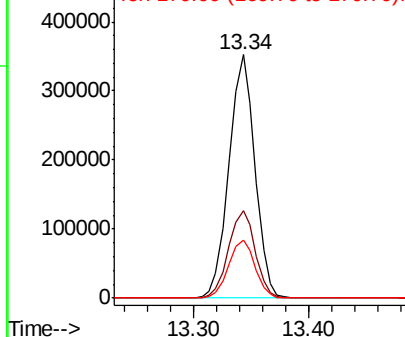


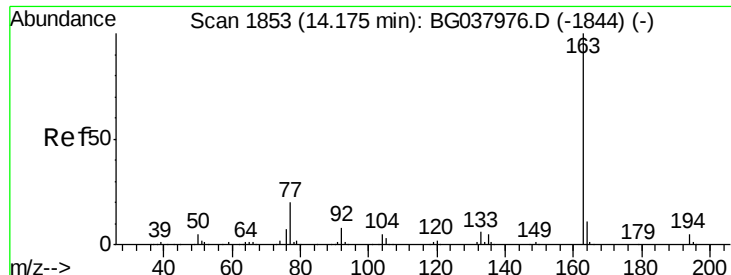
#45
 2-Fluorobiphenyl
 Concen: 66.455 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

Tgt Ion:172 Resp: 547503
 Ion Ratio Lower Upper
 172 100
 171 36.0 31.0 46.4
 170 23.6 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: 9.364 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

FDSB-04(26.5-28.5)

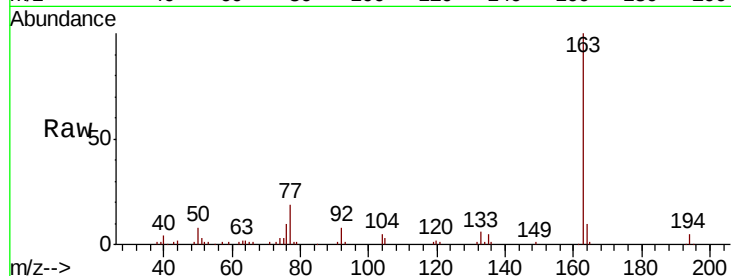
Tgt Ion:163 Resp: 89097

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

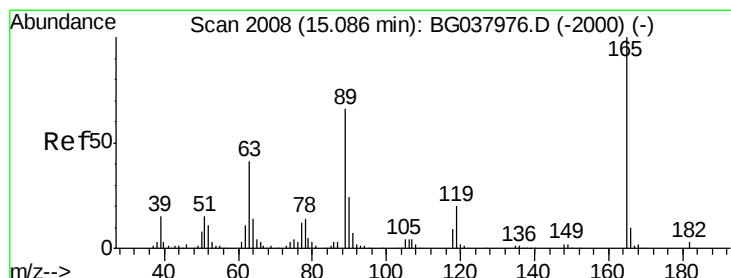
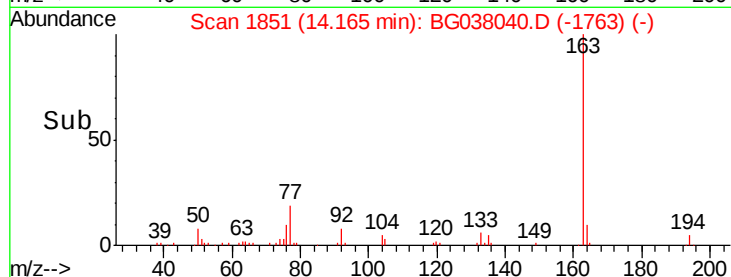
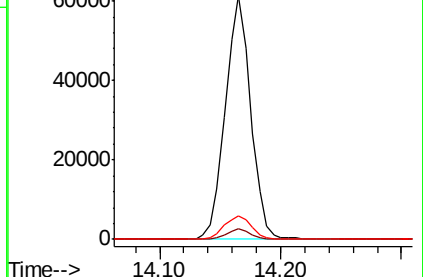
164 9.8 8.5 12.7



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: 5.359 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.36 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Tgt Ion:165 Resp: 15702

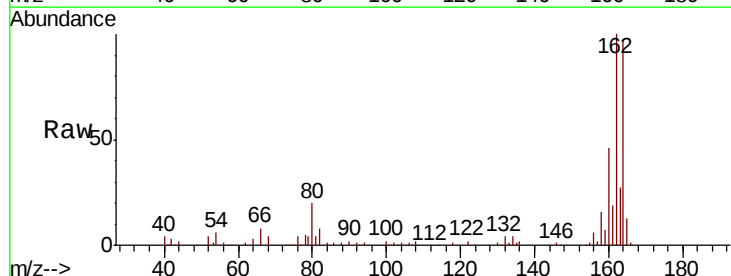
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

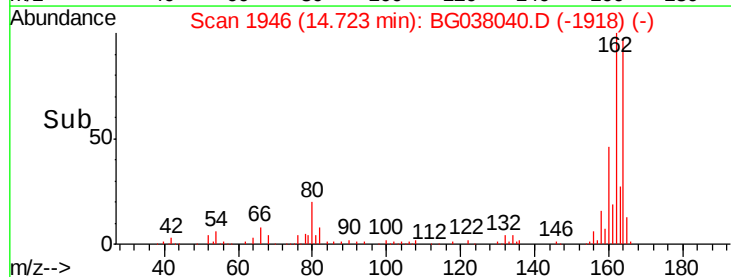
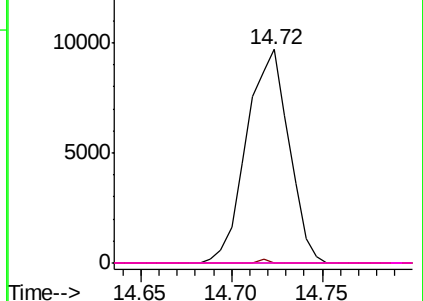


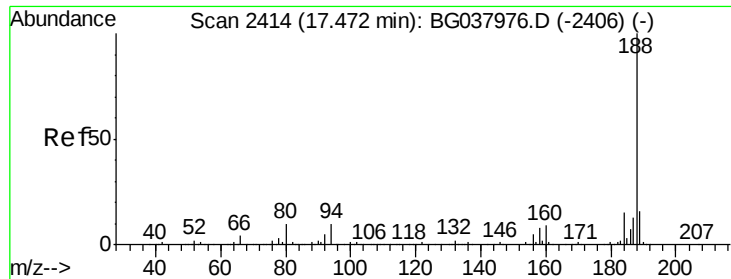
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

FDSB-04(26.5-28.5)

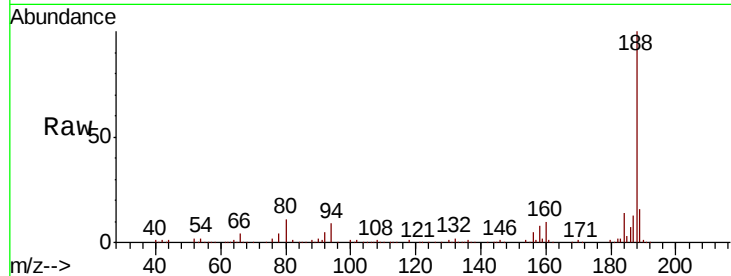
Tgt Ion:188 Resp: 275956

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

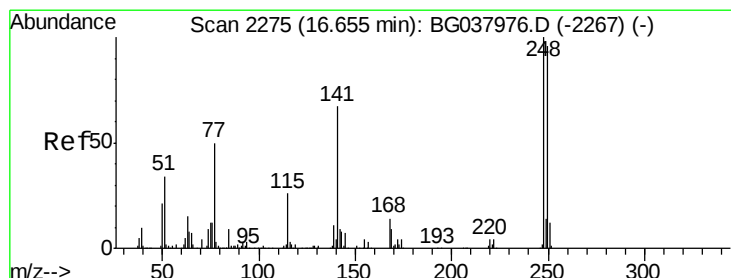
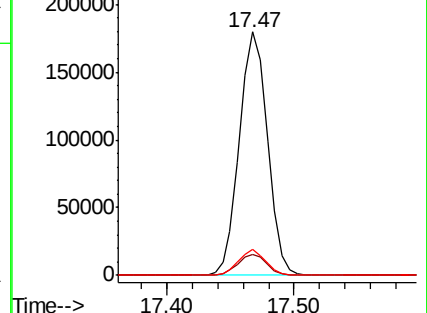
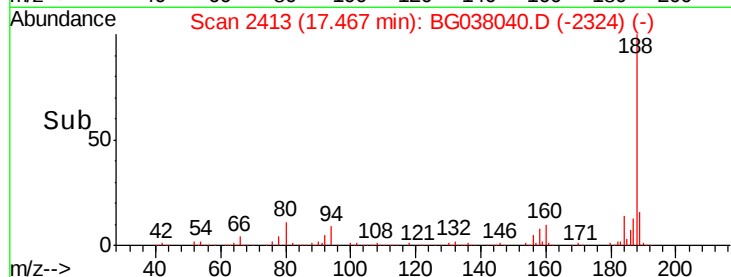
80 10.8 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 3.383 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

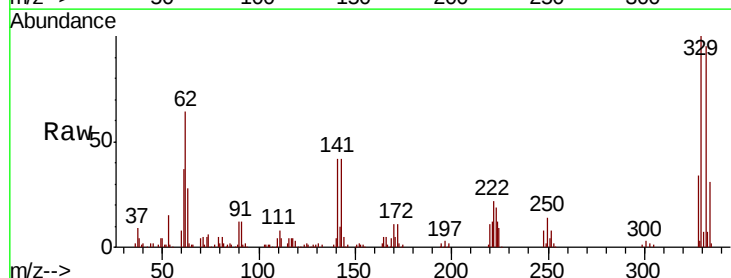
Tgt Ion:248 Resp: 10247

Ion Ratio Lower Upper

248 100

250 233.2 77.0 115.6#

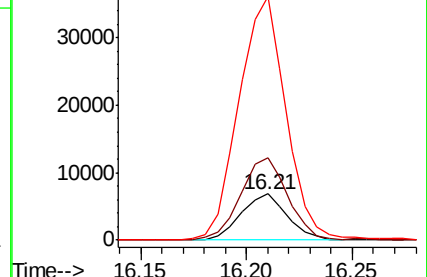
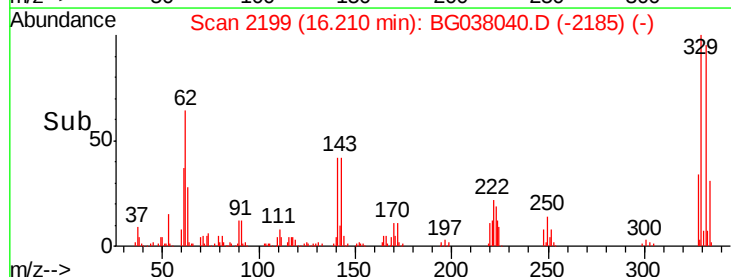
141 525.8 55.5 83.3#

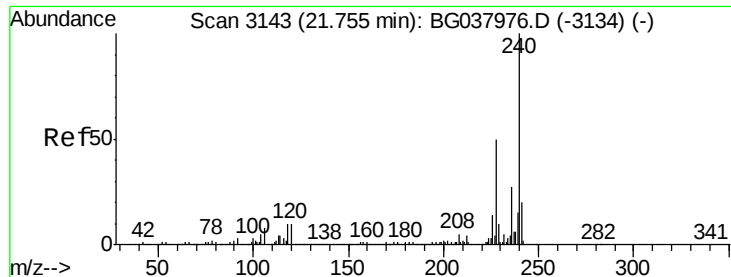


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

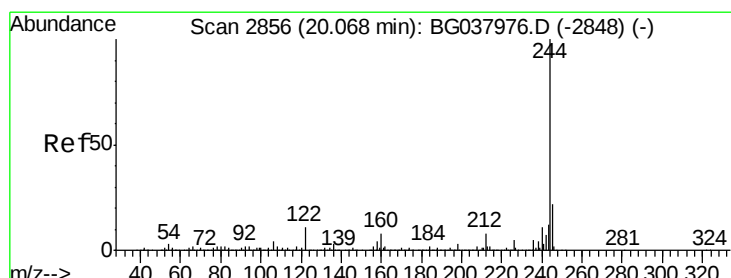
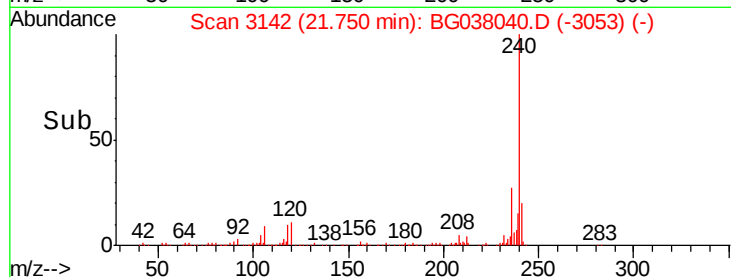
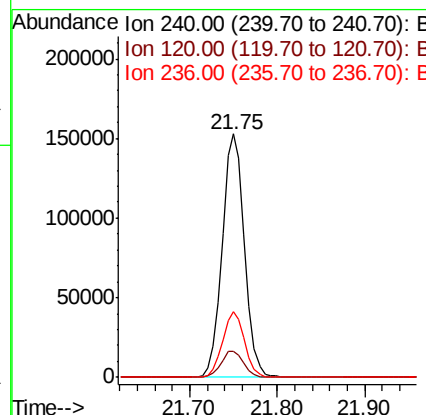
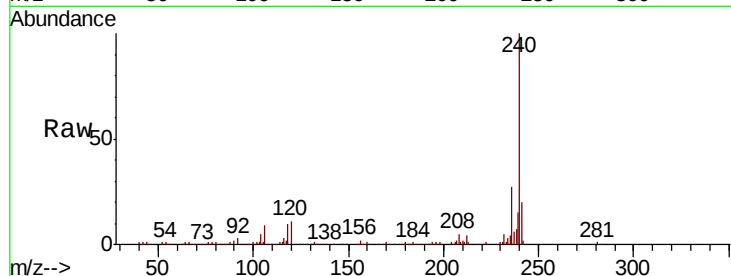




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

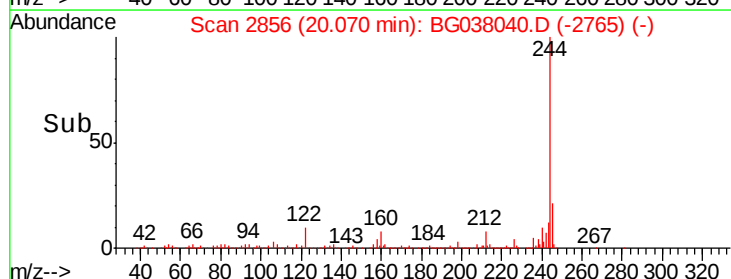
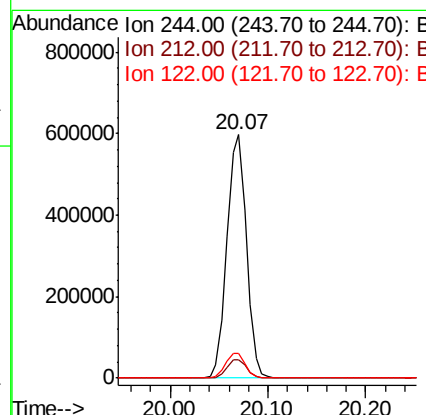
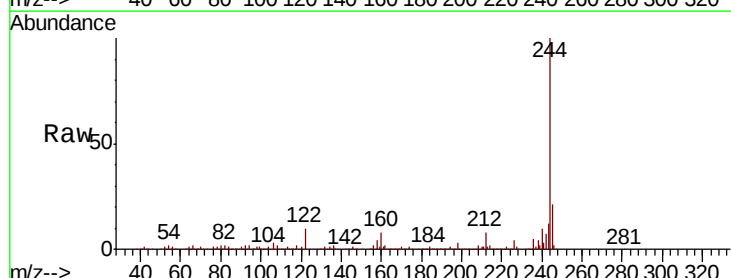
Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

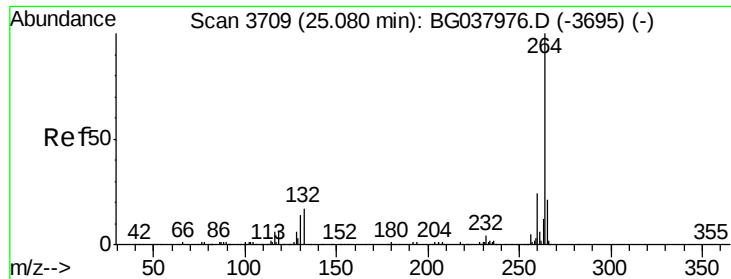
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.0	21.4	32.0



#79
Terphenyl-d14
Concen: 72.506 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.2	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: BG038040.D
Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tgt Ion:	264	Resp:	270844
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.2	17.9	26.9

