

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038051.D
 Acq On : 17 Nov 2018 2:32
 Operator : JU/SJ
 Sample : J5967-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-14(16-18)

Quant Time: Nov 17 04:11:38 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

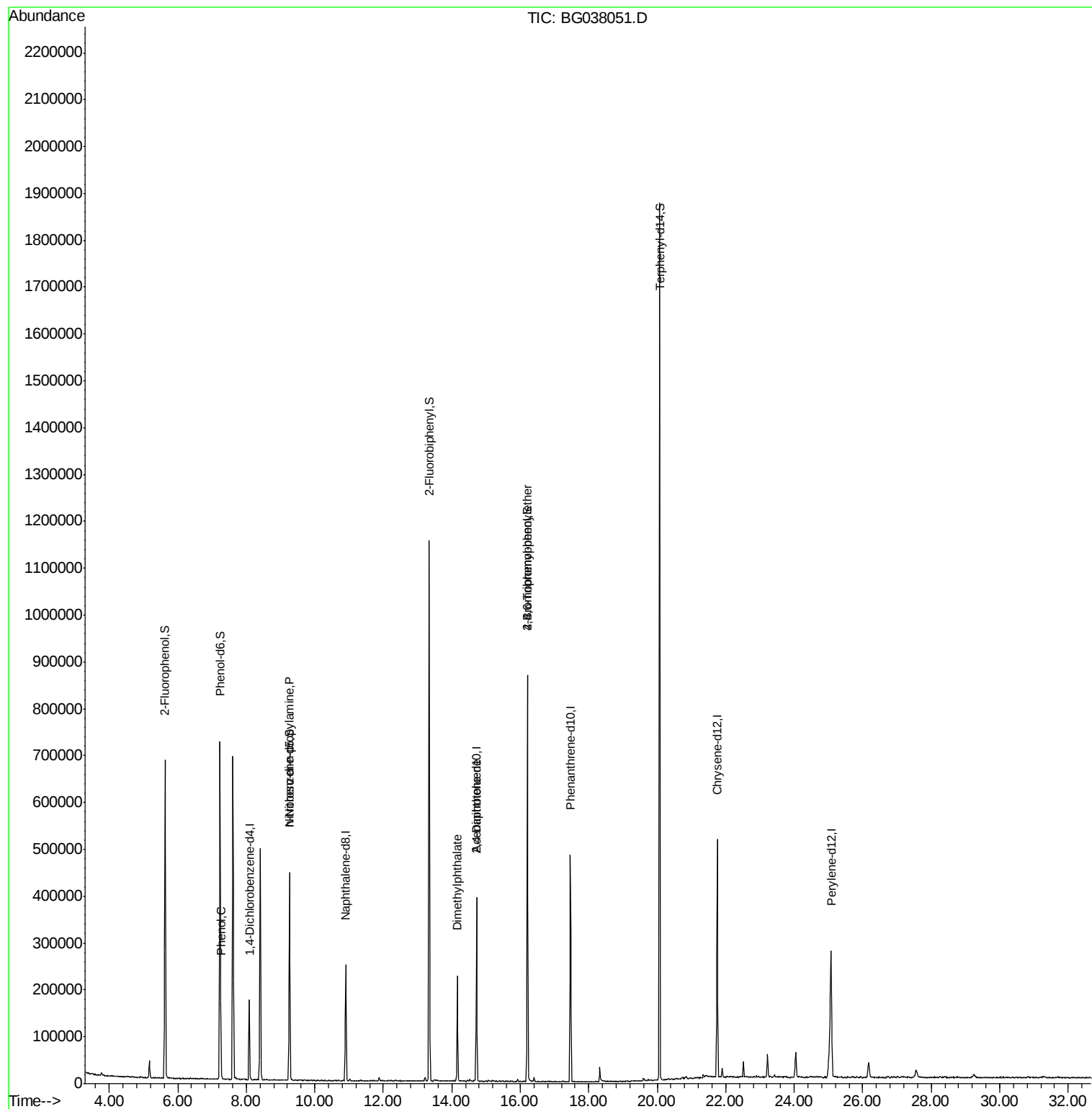
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50235	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	216851	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	136686	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	312637	20.00	ng	0.00
76) Chrysene-d12	21.75	240	298261	20.00	ng	0.00
87) Perylene-d12	25.07	264	309573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	315446	108.42	ng	0.00
7) Phenol-d6	7.23	99	448584	108.01	ng	0.00
23) Nitrobenzene-d5	9.26	82	278358	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148983	95.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611489	65.17	ng	0.00
79) Terphenyl-d14	20.07	244	885302	69.84	ng	0.00
Target Compounds						
10) Phenol	7.26	94	28301	6.433	ng	95
19) n-Nitroso-di-n-propylamine	9.26	70	34193	11.378	ng	# 74
50) Dimethylphthalate	14.16	163	145782	13.453	ng	99
57) 2,4-Dinitrotoluene	14.72	165	17588	5.271	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	11061	3.223	ng	# 1

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

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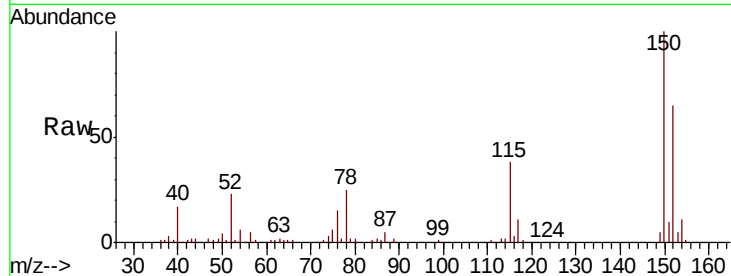


#1

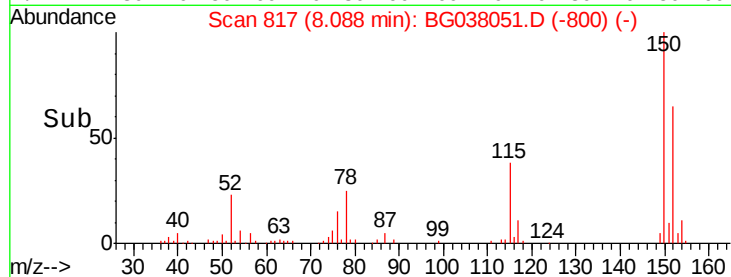
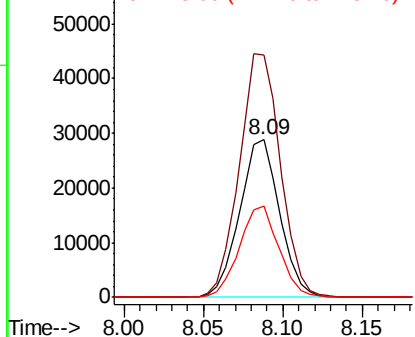
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
FDSB-14(16-18)

Tgt Ion:152 Resp: 50235
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 58.2 45.5 68.3



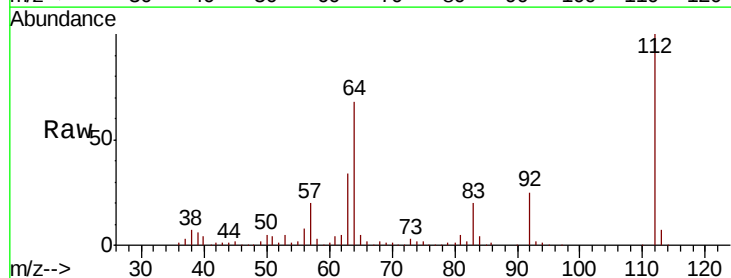
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



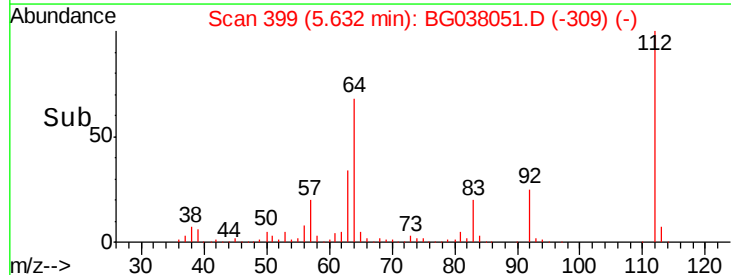
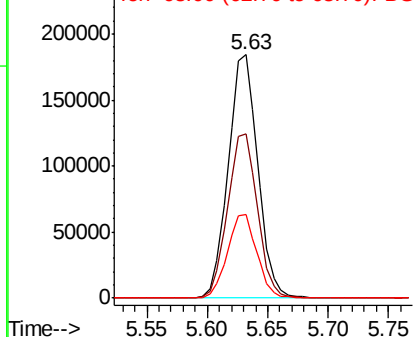
#5

2-Fluorophenol
Concen: 108.418 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Tgt Ion:112 Resp: 315446
Ion Ratio Lower Upper
112 100
64 67.6 53.1 79.7
63 34.1 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: 108.010 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

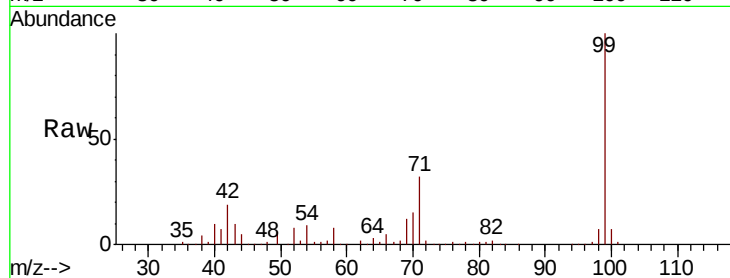
Tgt Ion: 99 Resp: 448584

Ion Ratio Lower Upper

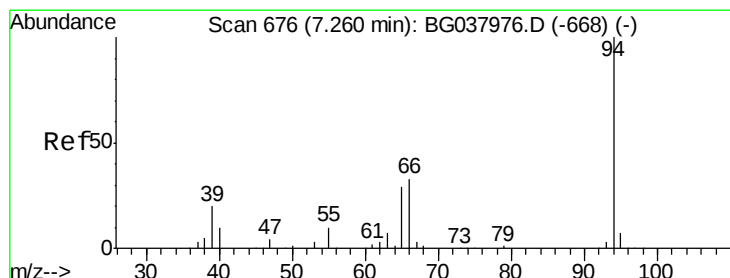
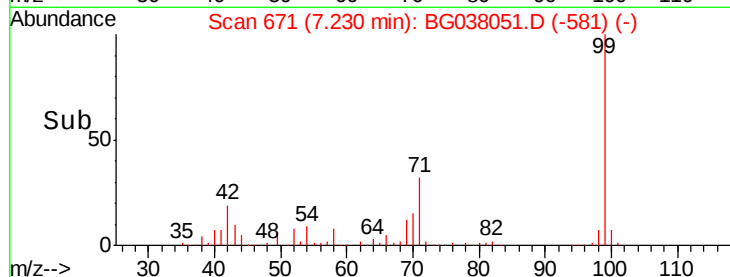
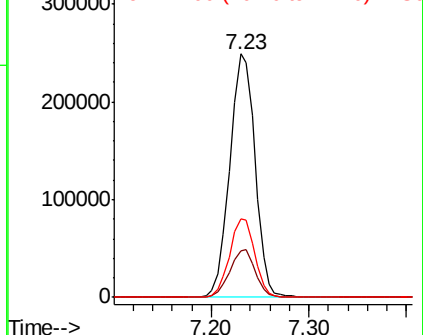
99 100

42 19.2 15.0 22.4

71 32.5 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



#10

Phenol

Concen: 6.433 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

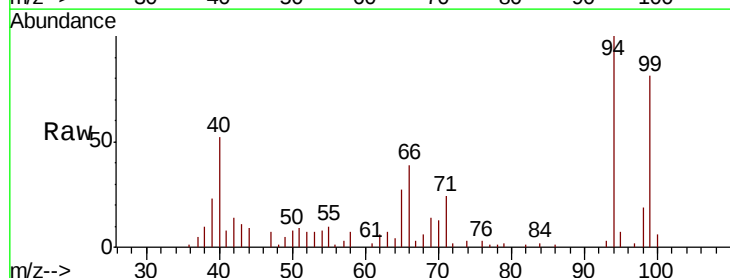
Tgt Ion: 94 Resp: 28301

Ion Ratio Lower Upper

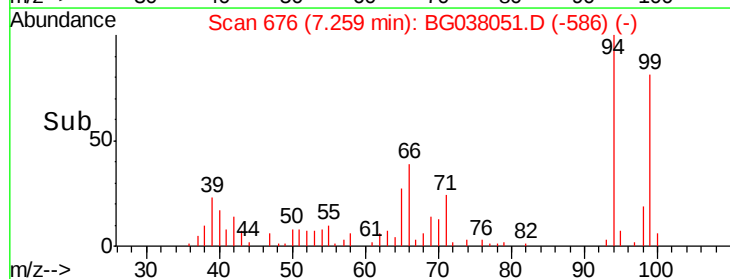
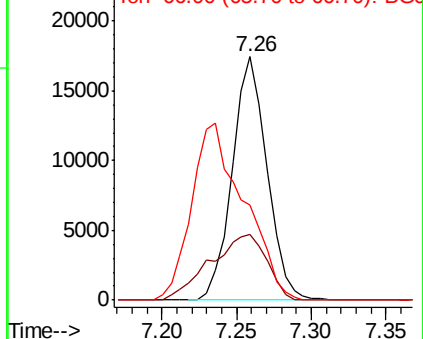
94 100

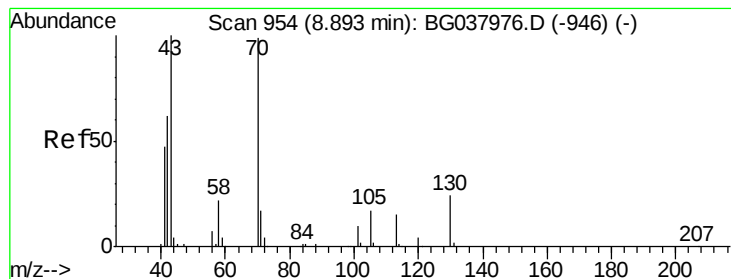
65 27.2 9.7 49.7

66 39.0 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





#19

n-Nitroso-di-n-propylamine

Concen: 11.378 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

Tgt Ion: 70 Resp: 34193

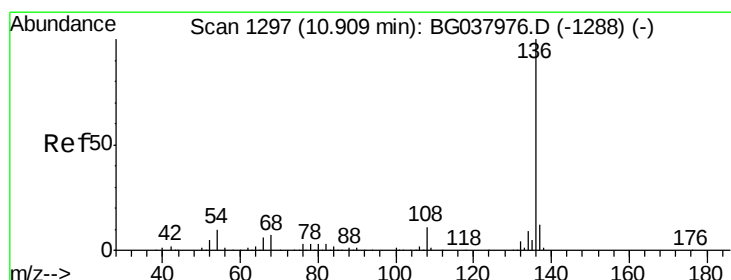
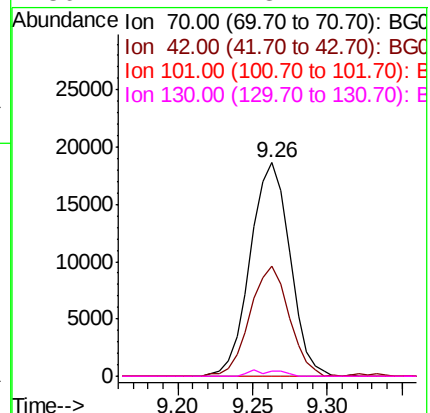
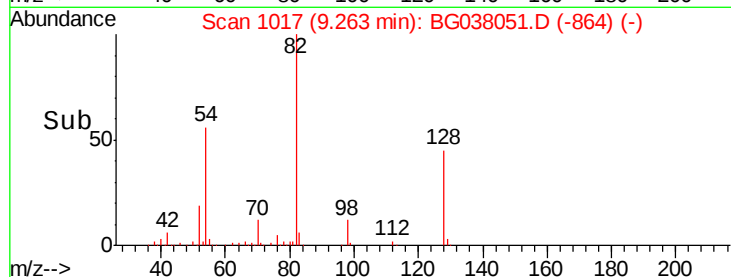
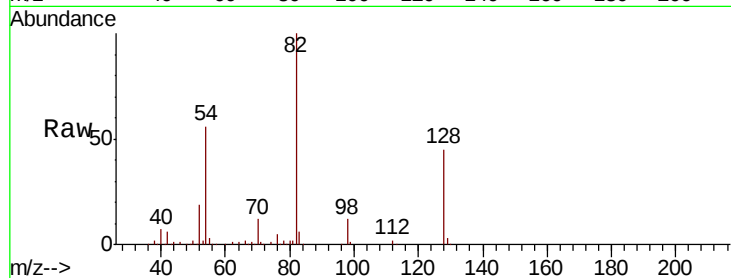
Ion Ratio Lower Upper

70 100

42 51.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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: BG038051.D

Acq: 17 Nov 2018 2:32

Tgt Ion: 136 Resp: 216851

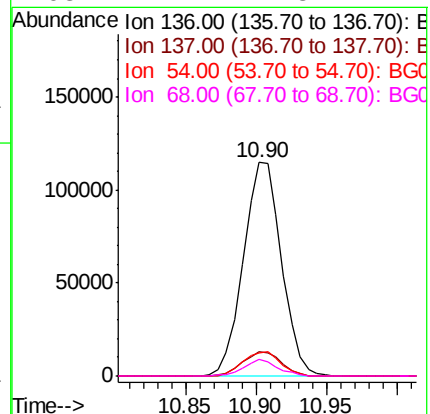
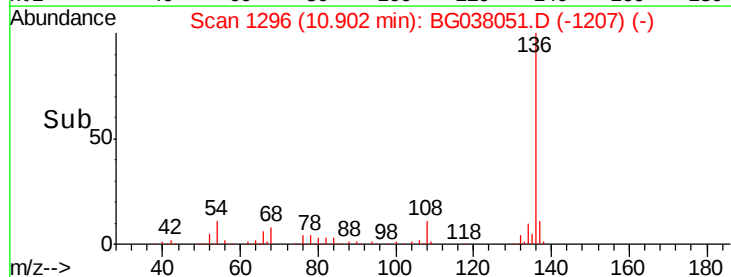
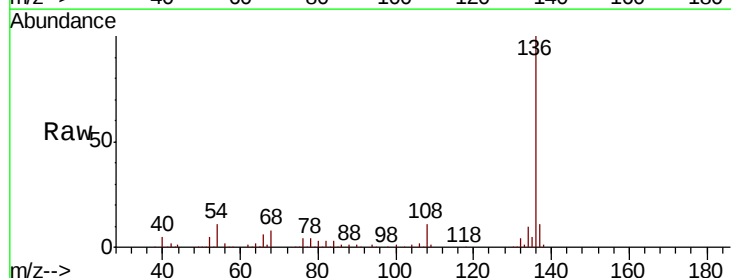
Ion Ratio Lower Upper

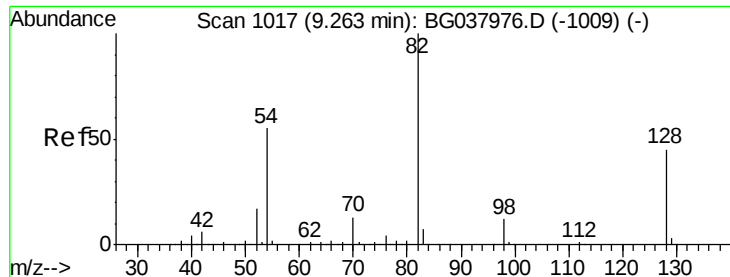
136 100

137 11.2 9.6 14.4

54 10.7 7.9 11.9

68 7.7 4.8 7.2#

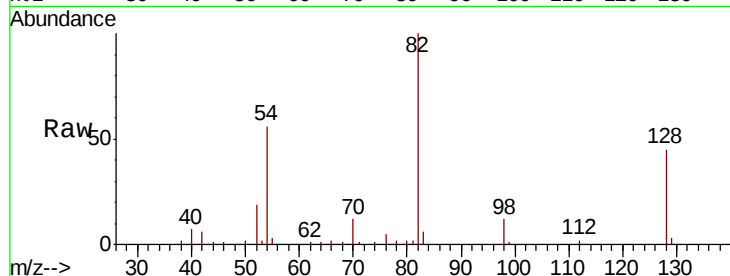




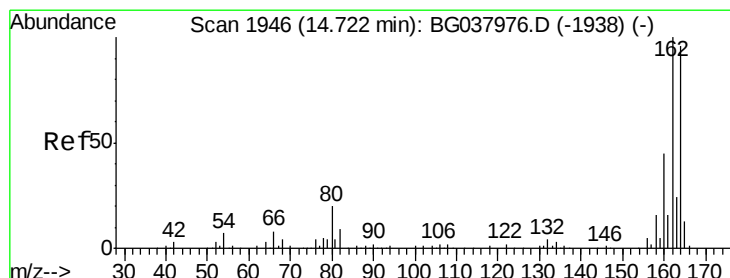
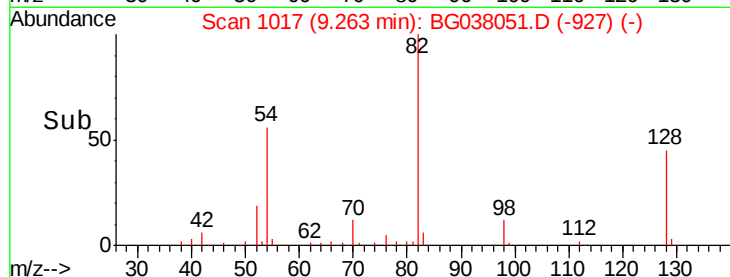
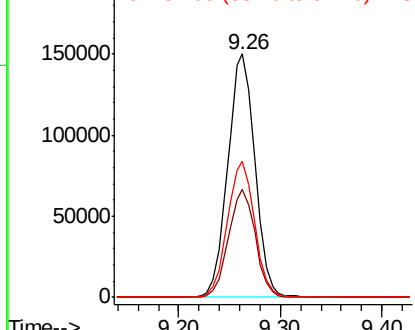
#23
Nitrobenzene-d5
Concen: 68.714 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
FDSB-14(16-18)

Tgt Ion: 82 Resp: 278358
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 56.0 45.3 67.9

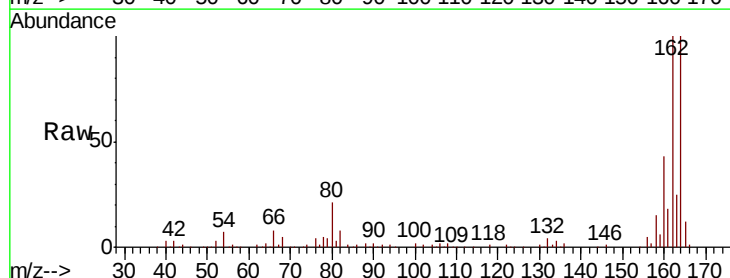


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

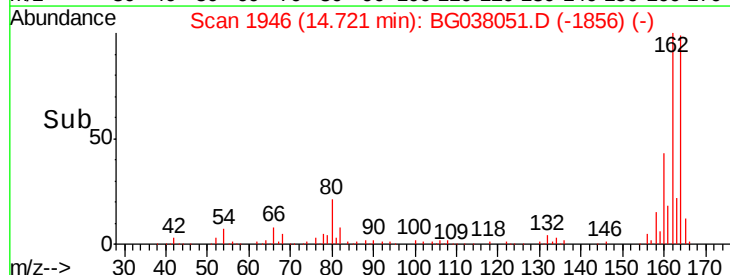
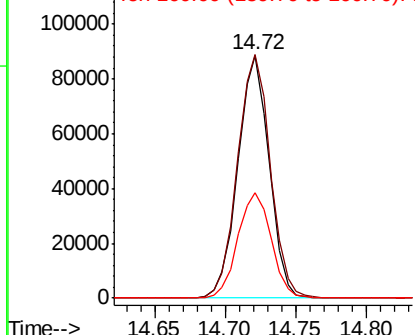


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Tgt Ion: 164 Resp: 136686
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 43.4 36.3 54.5



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

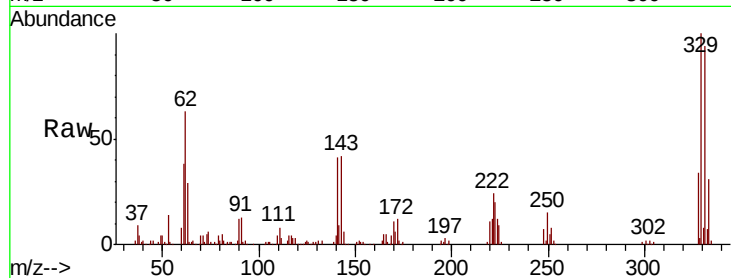




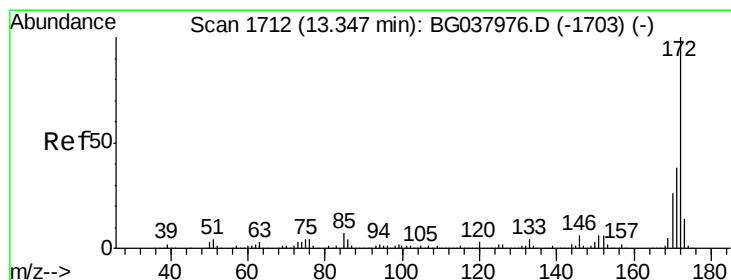
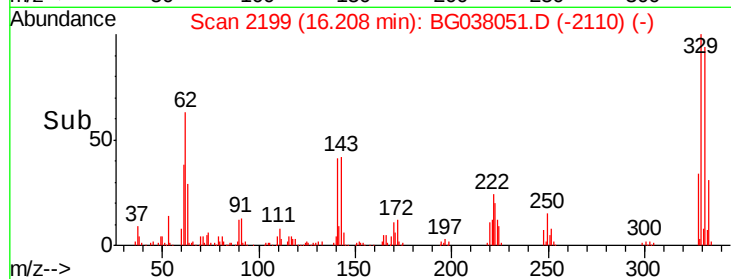
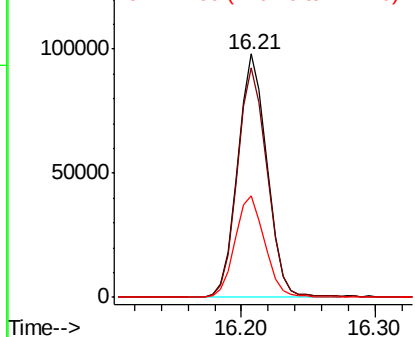
#42
 2,4,6-Tribromophenol
 Concen: 95.571 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038051.D
 Acq: 17 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-14(16-18)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148983		
332	96.6	78.4	117.6	
141	42.3	32.2	48.2	

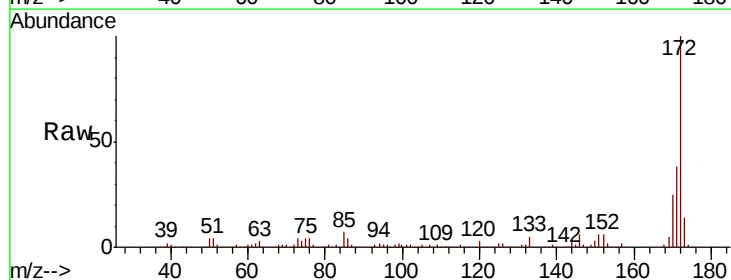


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

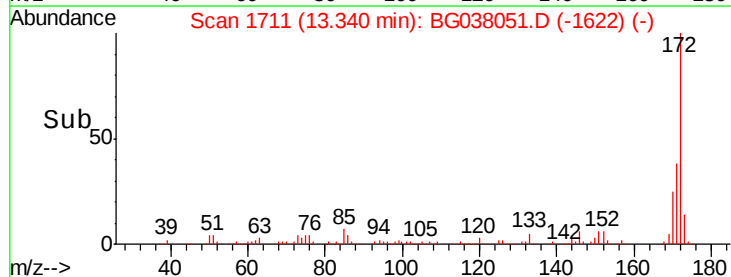
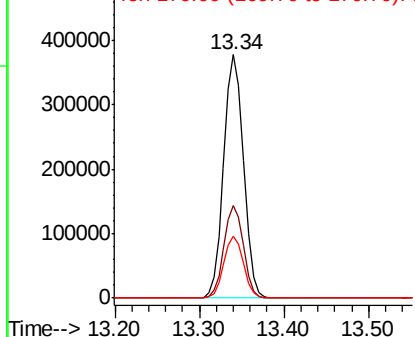


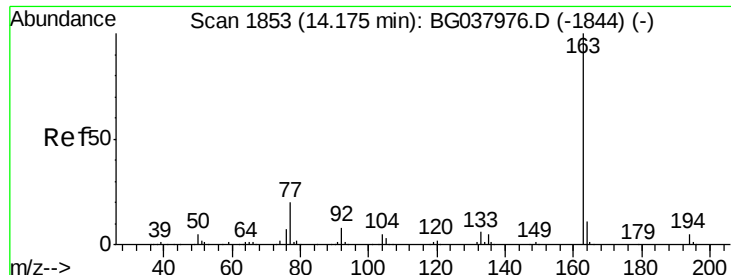
#45
 2-Fluorobiphenyl
 Concen: 65.175 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038051.D
 Acq: 17 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	611489		
171	38.2	31.0	46.4	
170	25.3	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: 13.453 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

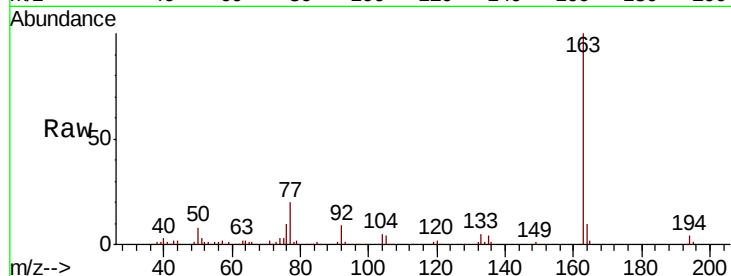
Tgt Ion:163 Resp: 145782

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

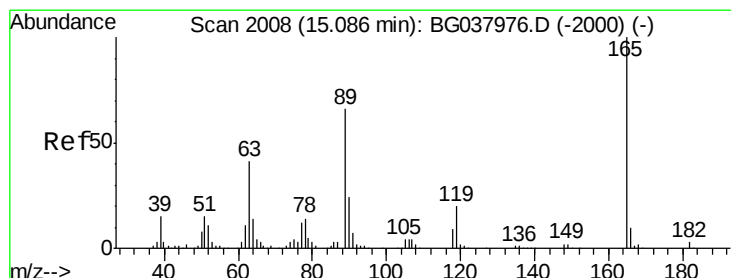
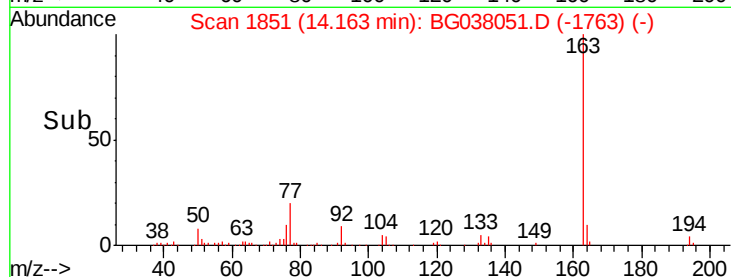
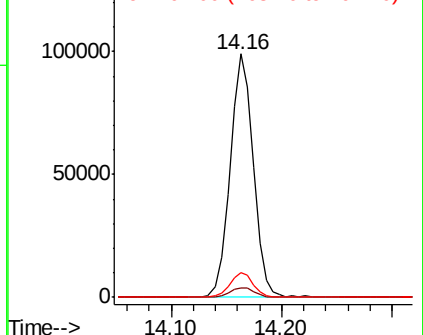
164 10.4 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.271 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Tgt Ion:165 Resp: 17588

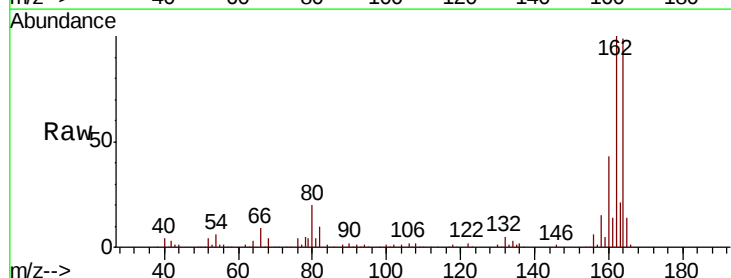
Ion Ratio Lower Upper

165 100

63 1.8 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

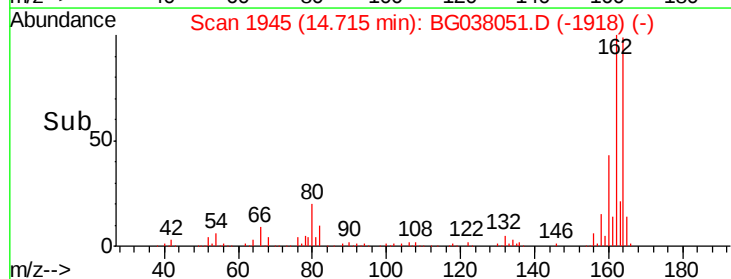
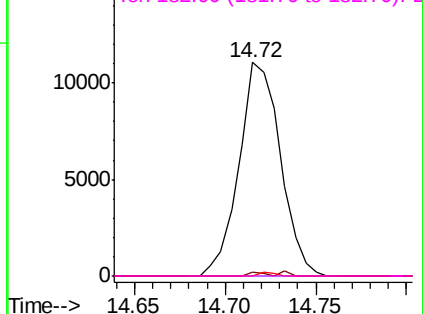


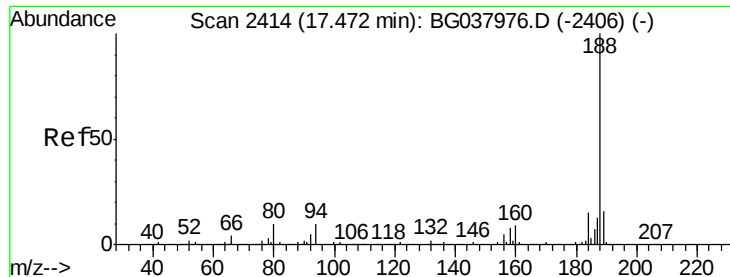
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

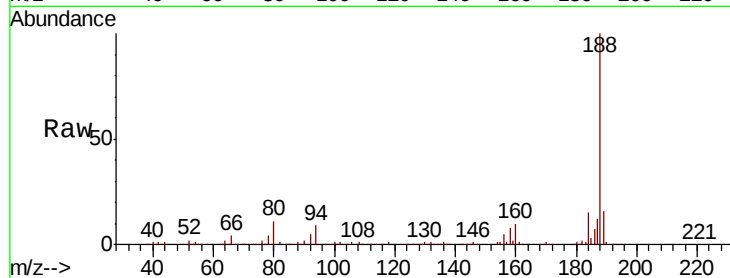
Tgt Ion:188 Resp: 312637

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

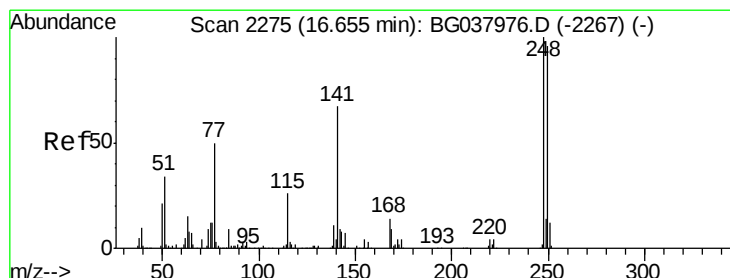
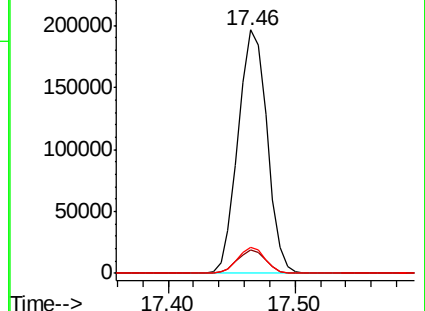
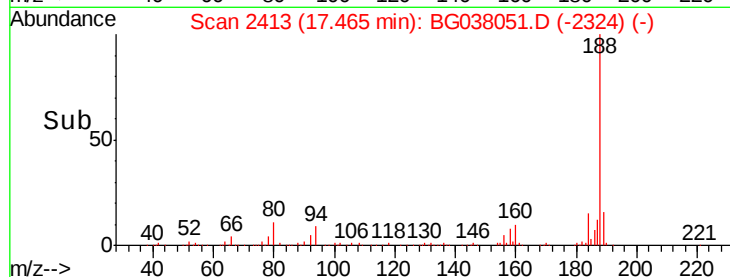
80 10.8 7.7 11.5



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: 3.223 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

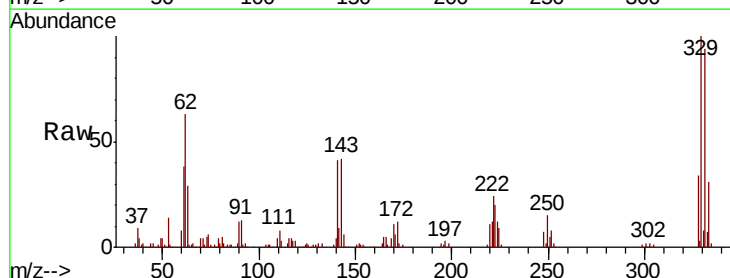
Tgt Ion:248 Resp: 11061

Ion Ratio Lower Upper

248 100

250 207.0 77.0 115.6#

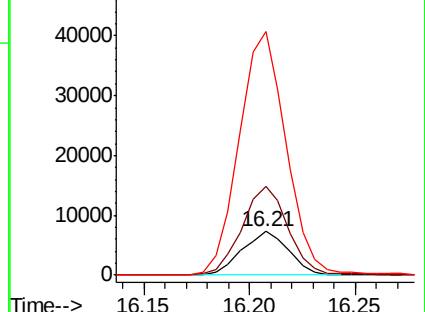
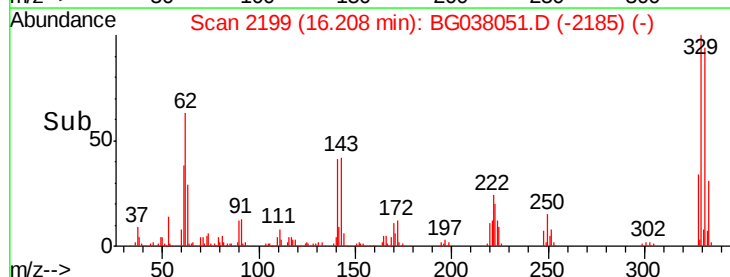
141 417.9 55.5 83.3#

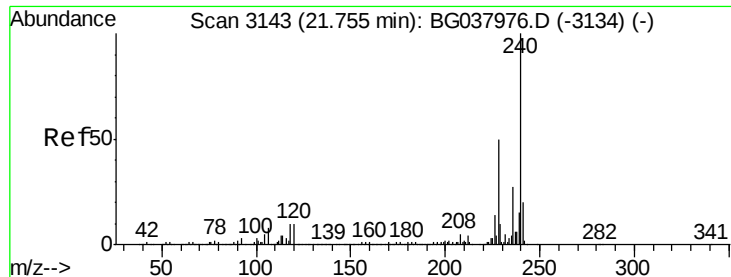


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

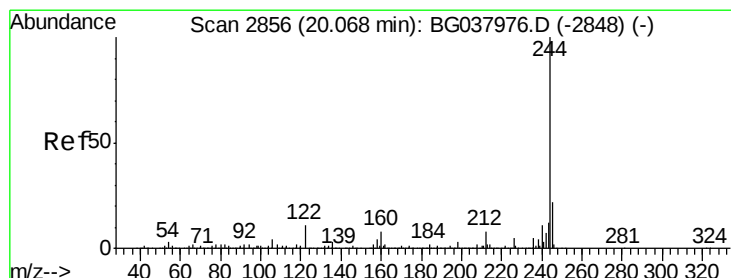
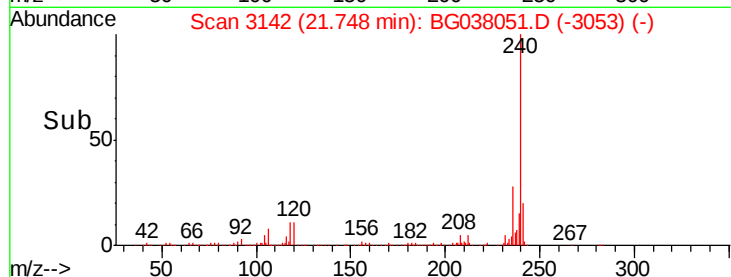
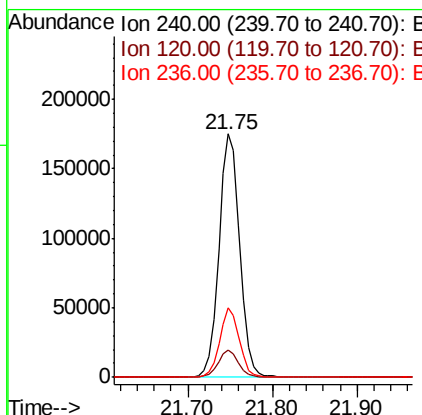
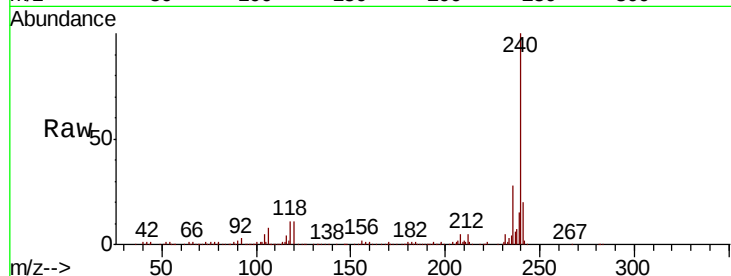




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

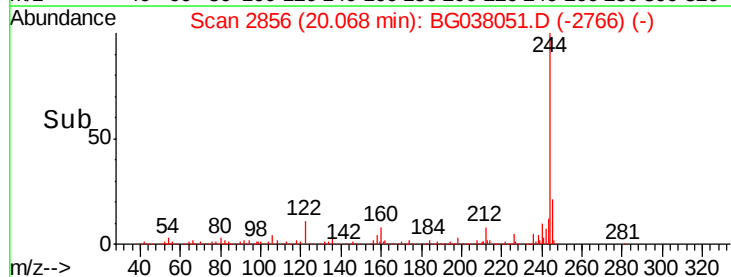
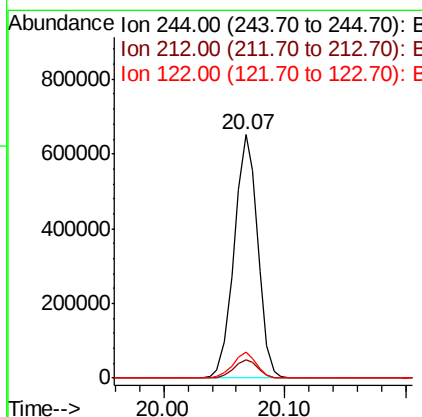
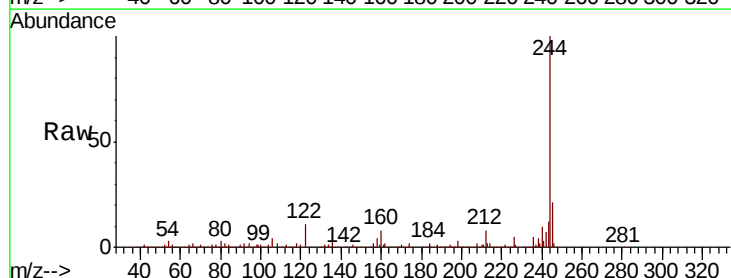
Instrument :
BNA_G
ClientSampleId :
FDSB-14(16-18)

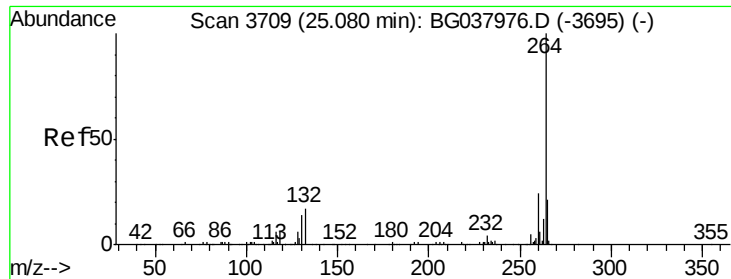
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	28.4	21.4	32.0



#79
Terphenyl-d14
Concen: 69.842 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038051.D
Acq: 17 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
FDSB-14(16-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.7	17.9	26.9

