

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038052.D
 Acq On : 17 Nov 2018 3:11
 Operator : JU/SJ
 Sample : J5967-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

Quant Time: Nov 17 04:11:49 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

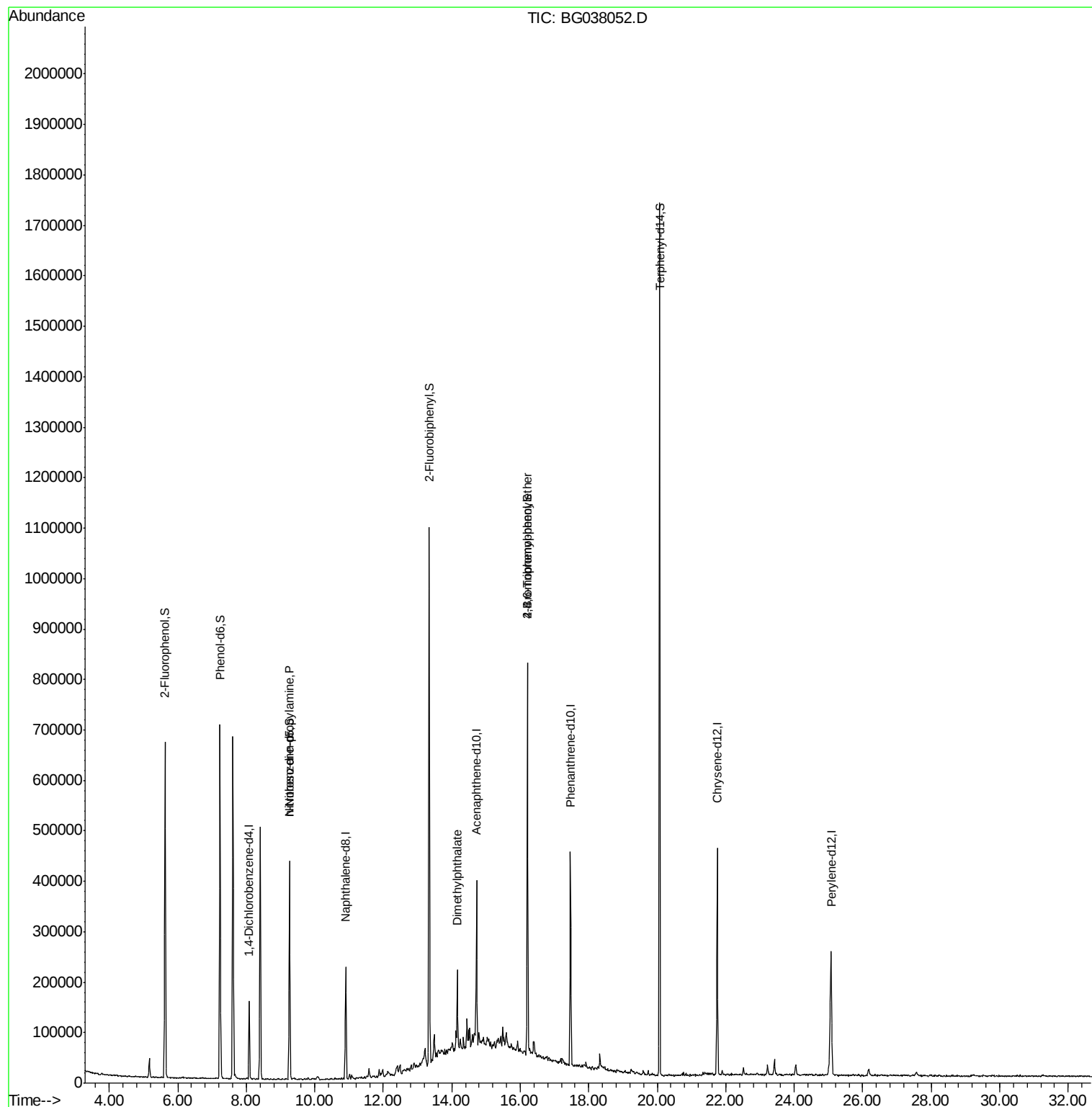
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46096	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	198663	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116756	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	262065	20.00	ng	0.00
76) Chrysene-d12	21.75	240	265179	20.00	ng	0.00
87) Perylene-d12	25.07	264	272708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312365	117.00	ng	0.00
7) Phenol-d6	7.23	99	435879	114.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	269104	72.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135718	101.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	564493	70.44	ng	0.00
79) Terphenyl-d14	20.07	244	786933	69.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	34811	12.624	ng	Qvalue # 74
50) Dimethylphthalate	14.16	163	85541	9.242	ng	98
67) 4-Bromophenyl-phenylether	16.21	248	9811	3.411	ng	# 1

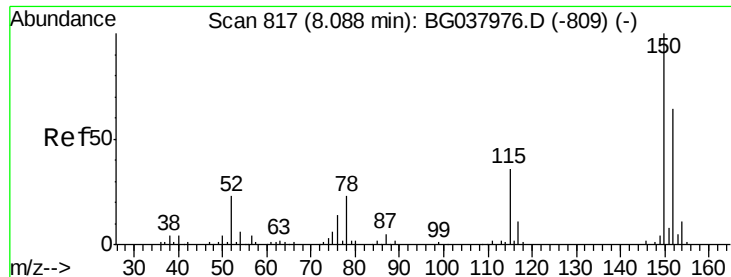
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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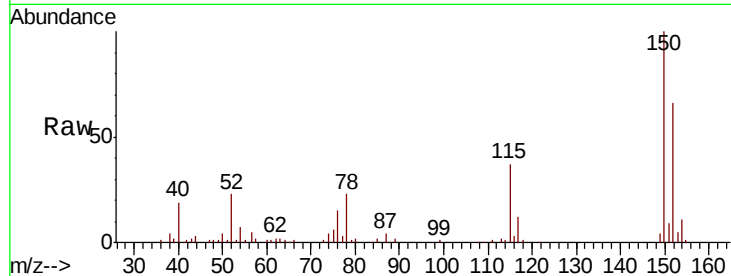


#1

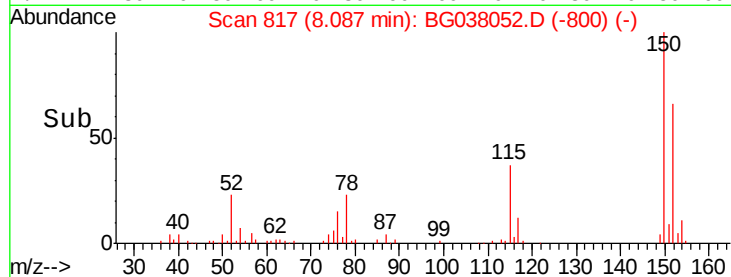
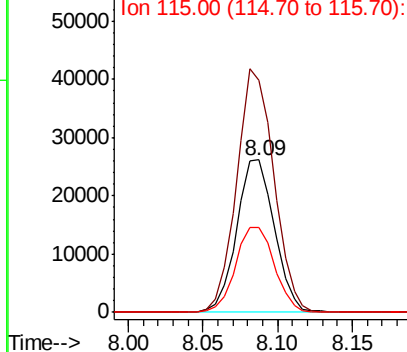
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Instrument :
BNA_G
ClientSampled :
FDSB-13(6-8)

Tgt Ion:152 Resp: 46096
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 55.9 45.5 68.3



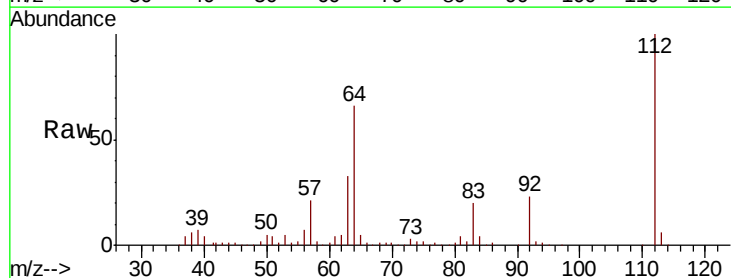
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



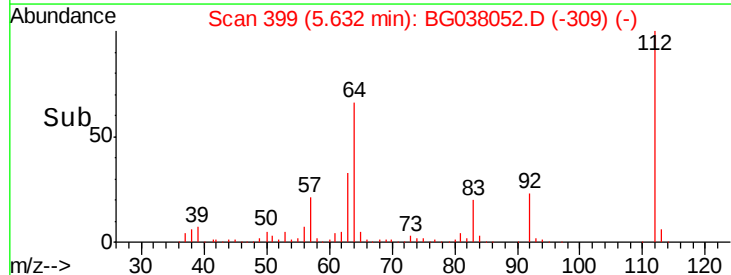
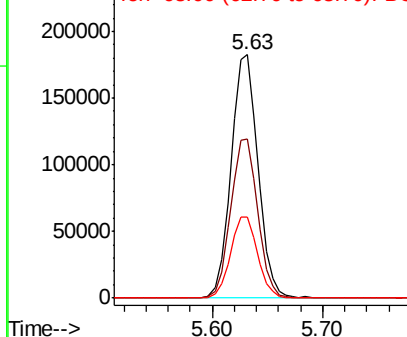
#5

2-Fluorophenol
Concen: 116.999 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Tgt Ion:112 Resp: 312365
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.3 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: 114.374 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Instrument :

BNA_G

ClientSampleId :

FDSB-13(6-8)

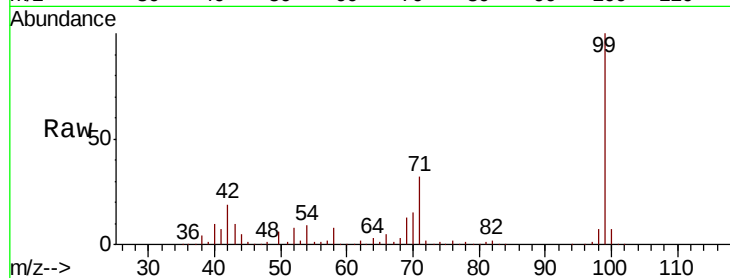
Tgt Ion: 99 Resp: 435879

Ion Ratio Lower Upper

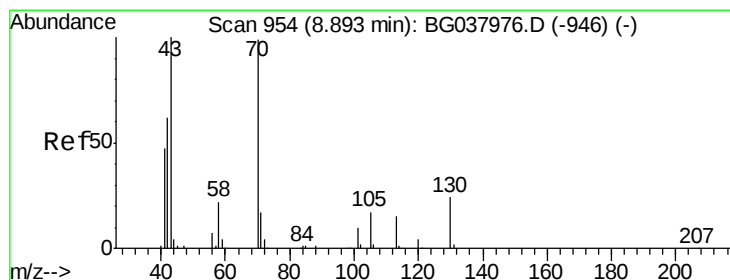
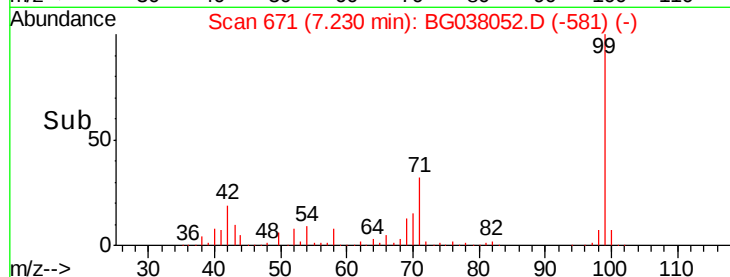
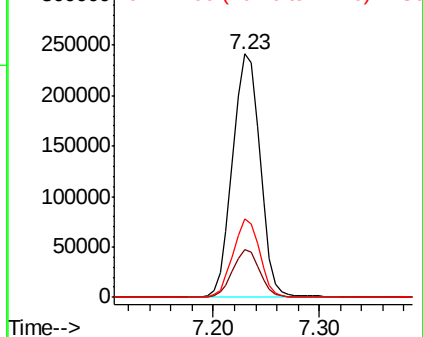
99 100

42 19.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.624 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Tgt Ion: 70 Resp: 34811

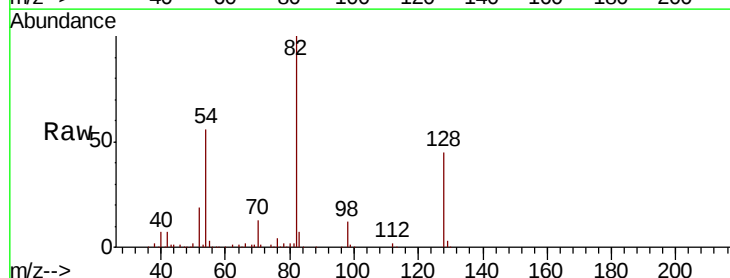
Ion Ratio Lower Upper

70 100

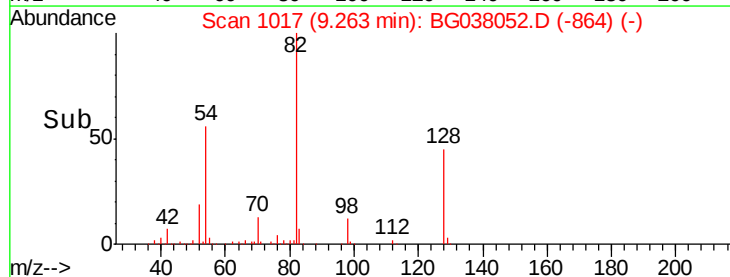
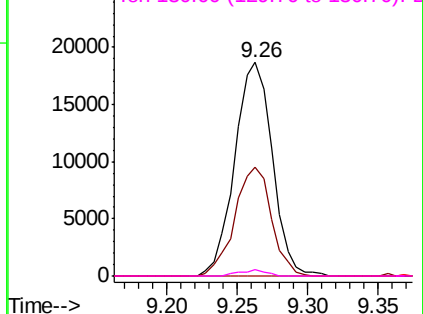
42 50.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.9 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

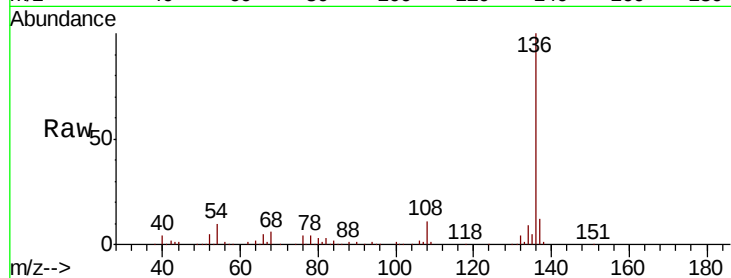




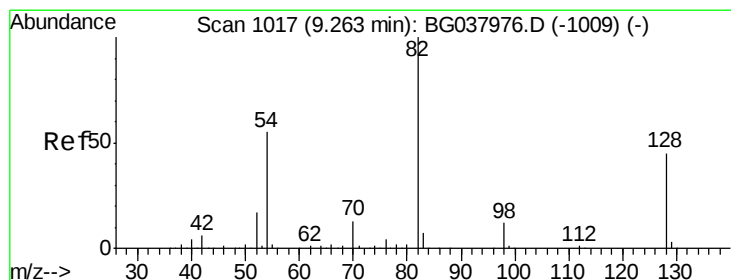
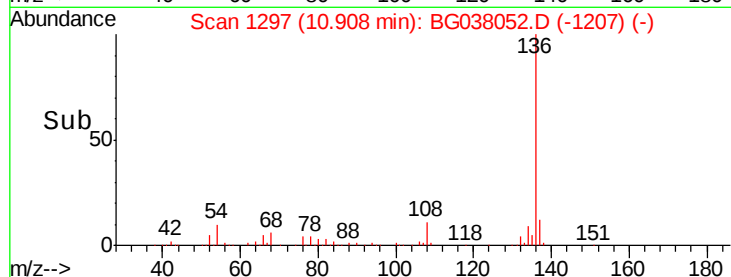
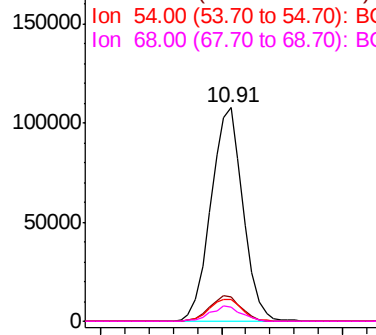
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Instrument :
BNA_G
ClientSampleId :
FDSB-13(6-8)

Tgt Ion:	136	Resp:	198663
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.3	7.9	11.9
68	6.4	4.8	7.2

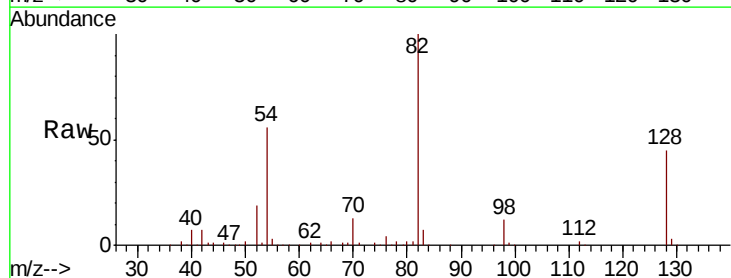


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

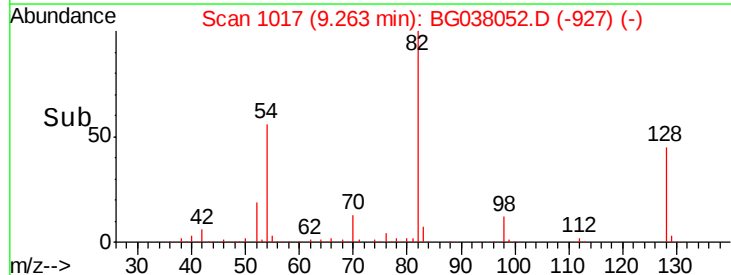
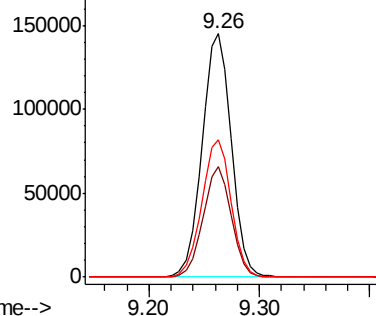


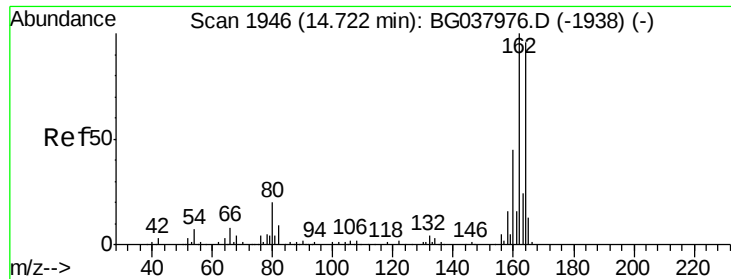
#23
Nitrobenzene-d5
Concen: 72.511 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Tgt Ion:	82	Resp:	269104
Ion	Ratio	Lower	Upper
82	100		
128	45.2	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): E
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: BG038052.D

Acq: 17 Nov 2018 3:11

Instrument :

BNA_G

ClientSampleId :

FDSB-13(6-8)

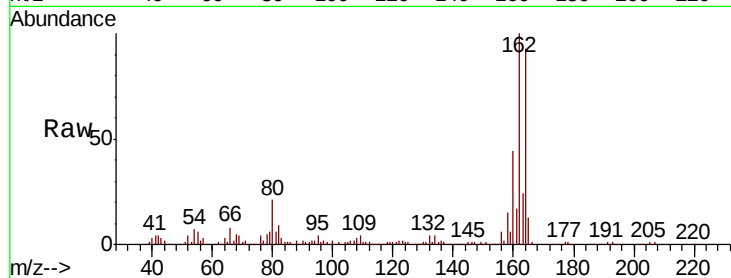
Tgt Ion:164 Resp: 116756

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

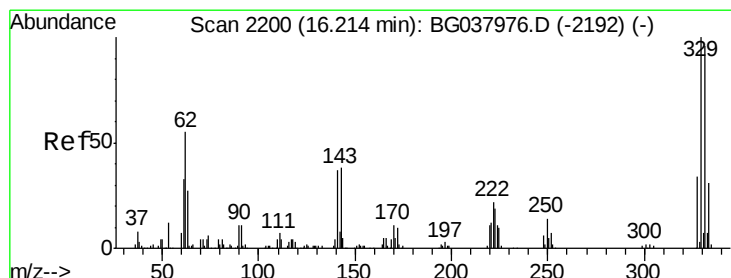
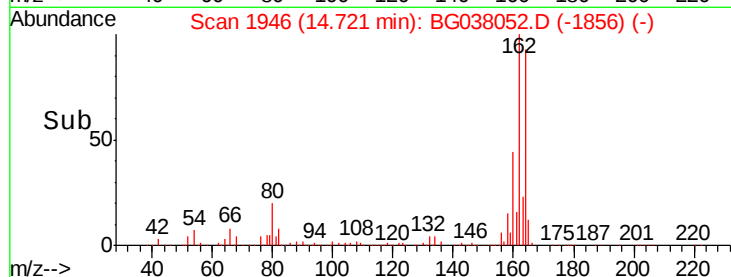
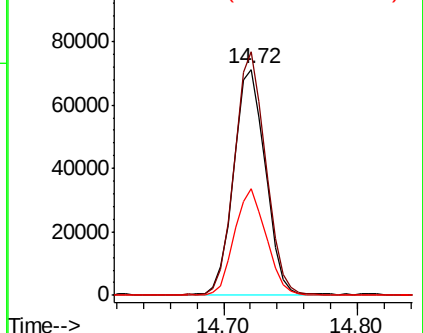
160 47.4 36.3 54.5



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: 101.923 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

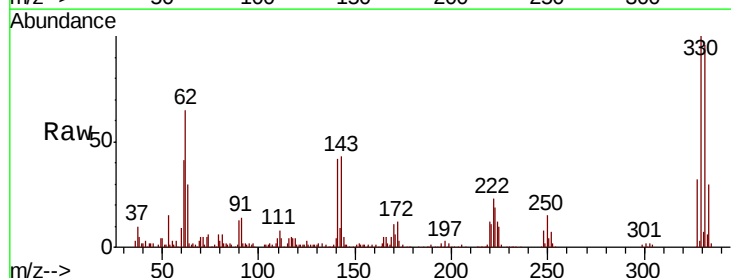
Tgt Ion:330 Resp: 135718

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

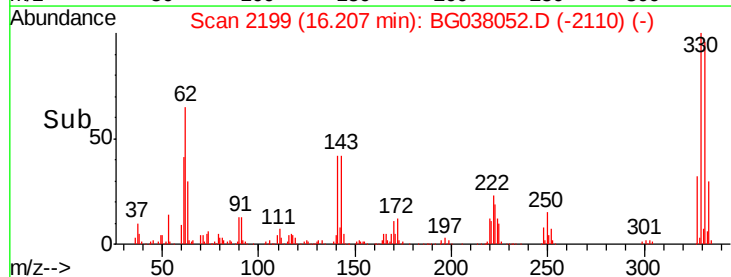
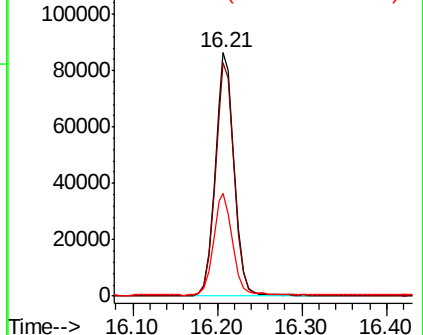
141 41.8 32.2 48.2

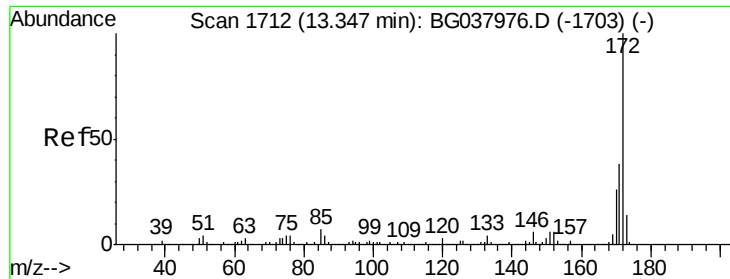


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

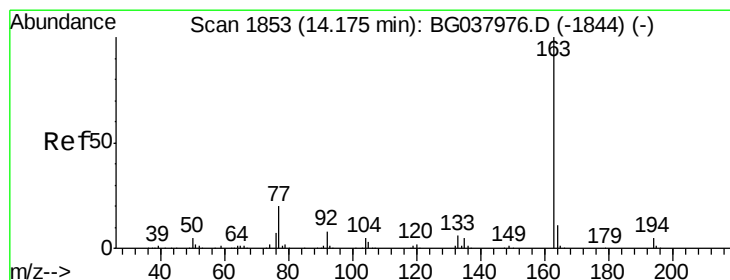
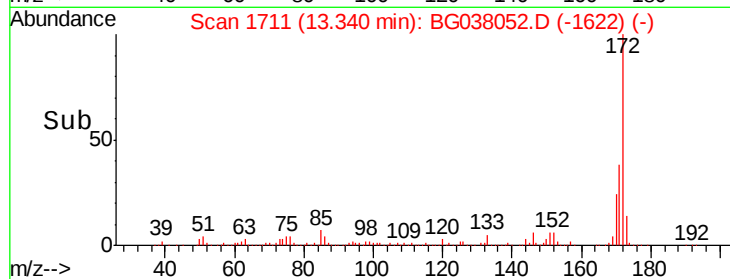
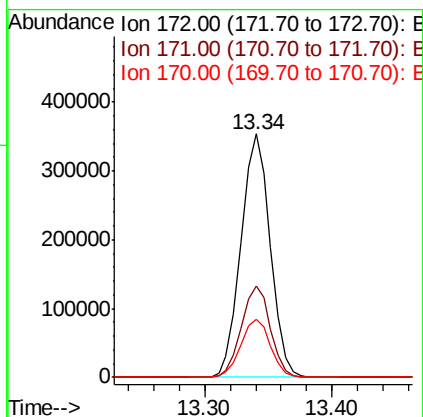
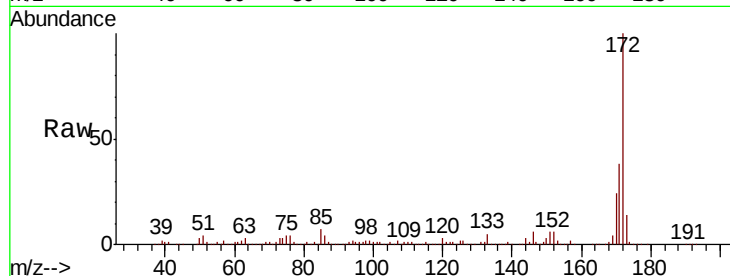




#45
 2-Fluorobiphenyl
 Concen: 70.436 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

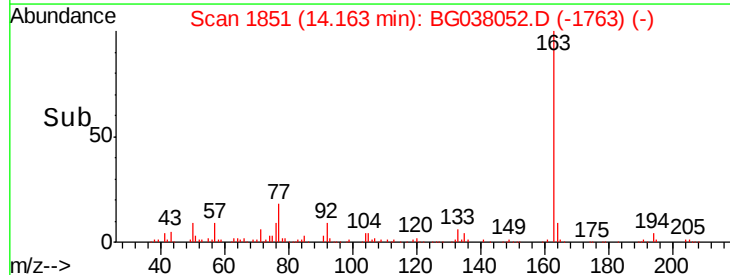
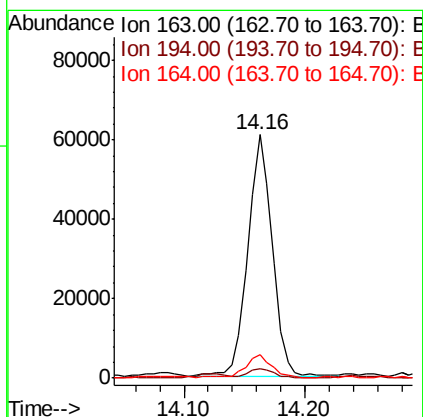
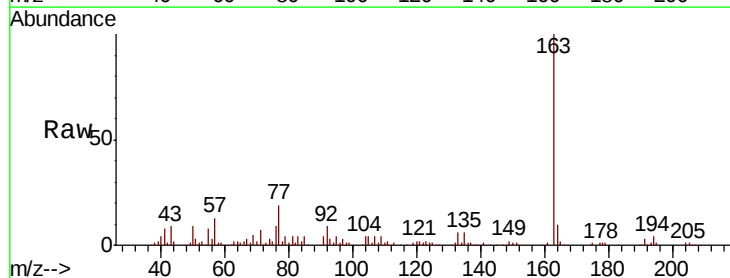
Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

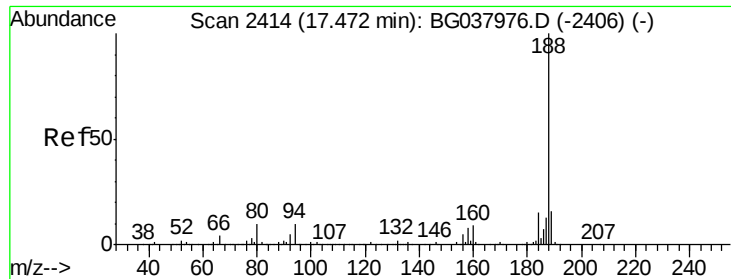
Tgt Ion:172 Resp: 564493
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.1 20.2 30.2



#50
 Dimethylphthalate
 Concen: 9.242 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Tgt Ion:163 Resp: 85541
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 9.8 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Instrument :

BNA_G

ClientSampleId :

FDSB-13(6-8)

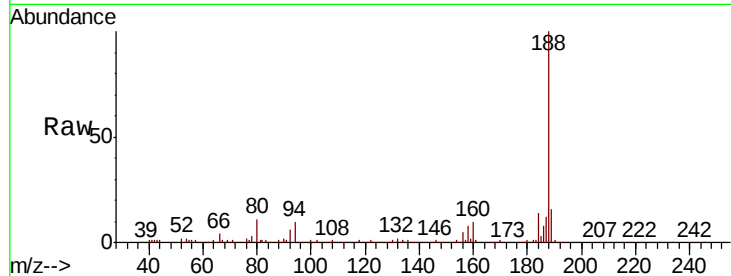
Tgt Ion:188 Resp: 262065

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

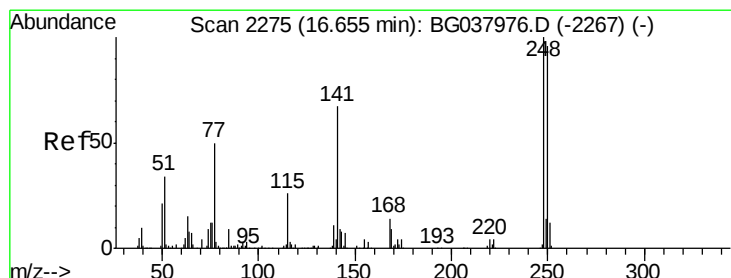
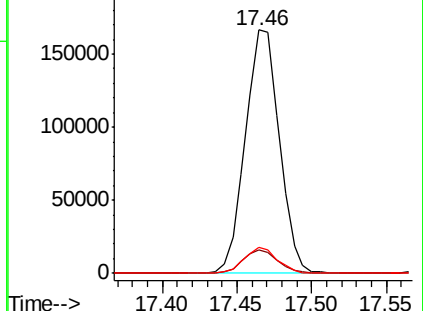
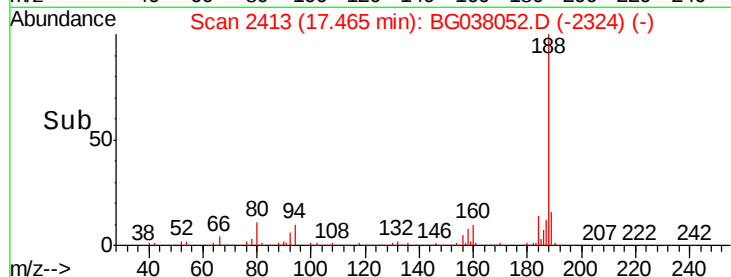
80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.411 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

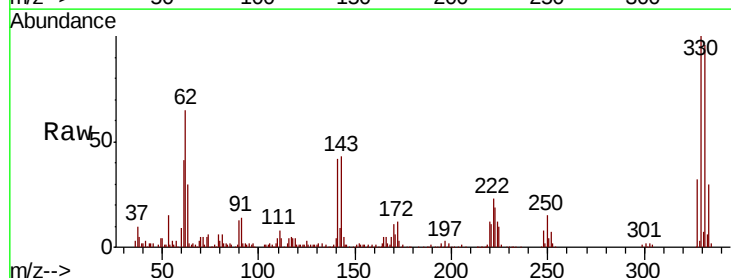
Tgt Ion:248 Resp: 9811

Ion Ratio Lower Upper

248 100

250 192.3 77.0 115.6#

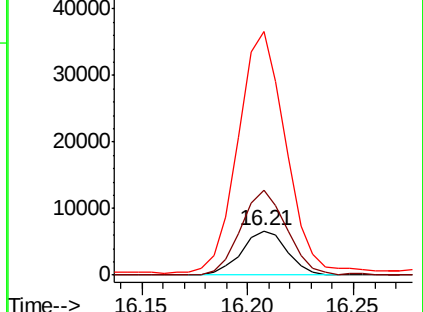
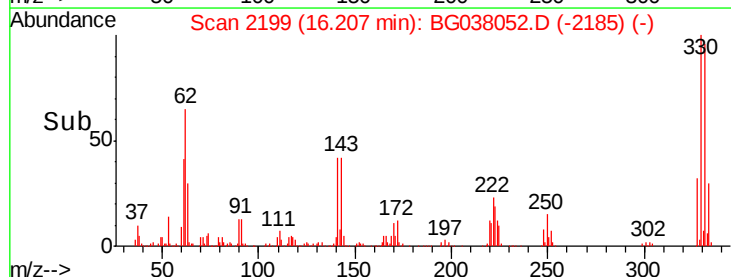
141 430.2 55.5 83.3#

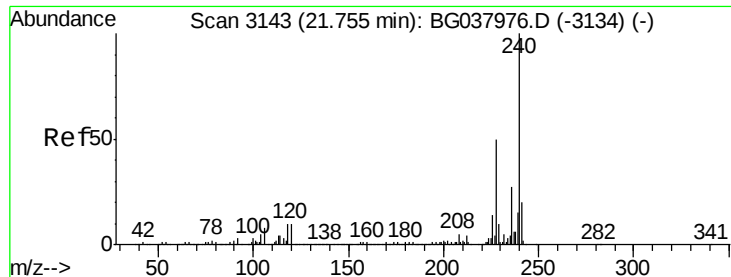


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

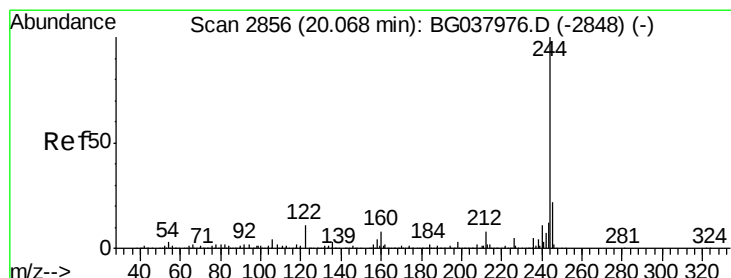
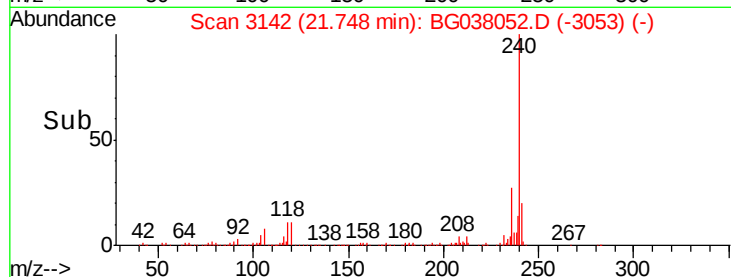
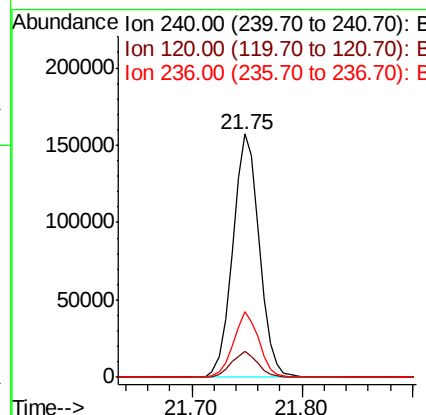
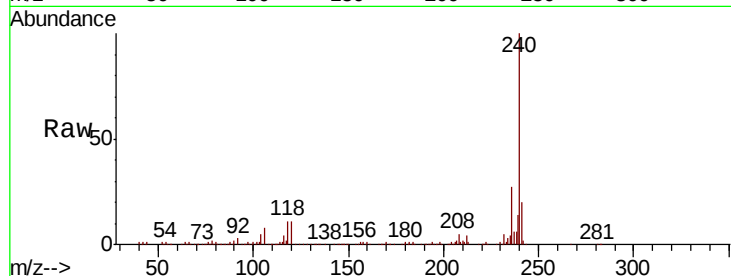




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

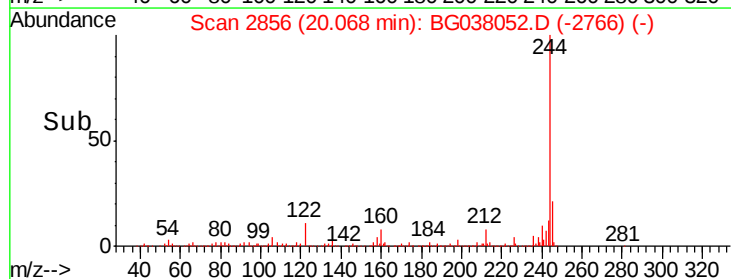
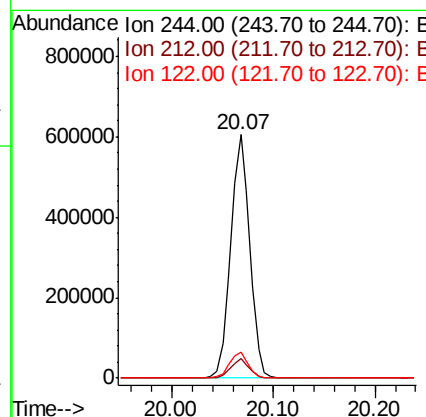
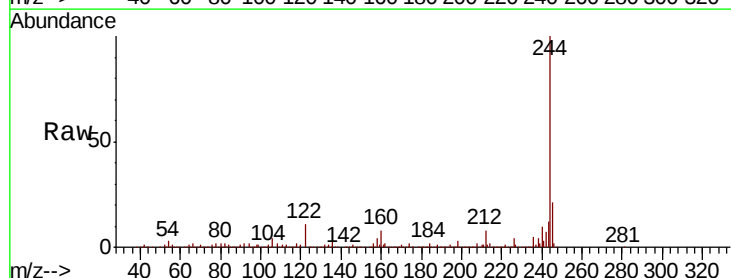
Instrument :
BNA_G
ClientSampleId :
FDSB-13(6-8)

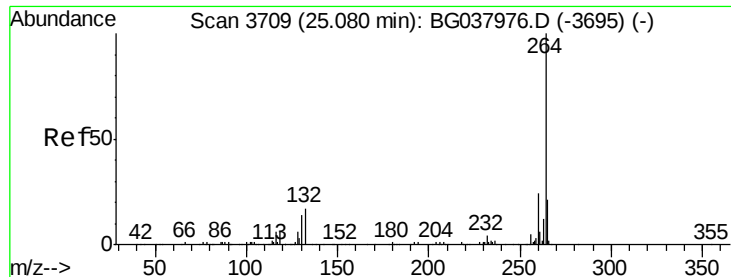
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.9	21.4	32.0



#79
Terphenyl-d14
Concen: 69.827 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	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: BG038052.D
Acq: 17 Nov 2018 3:11

Instrument :
BNA_G
ClientSampleId :
FDSB-13(6-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.4
265	22.5	17.9	26.9

