

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

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

Quant Time: Nov 20 02:55:03 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

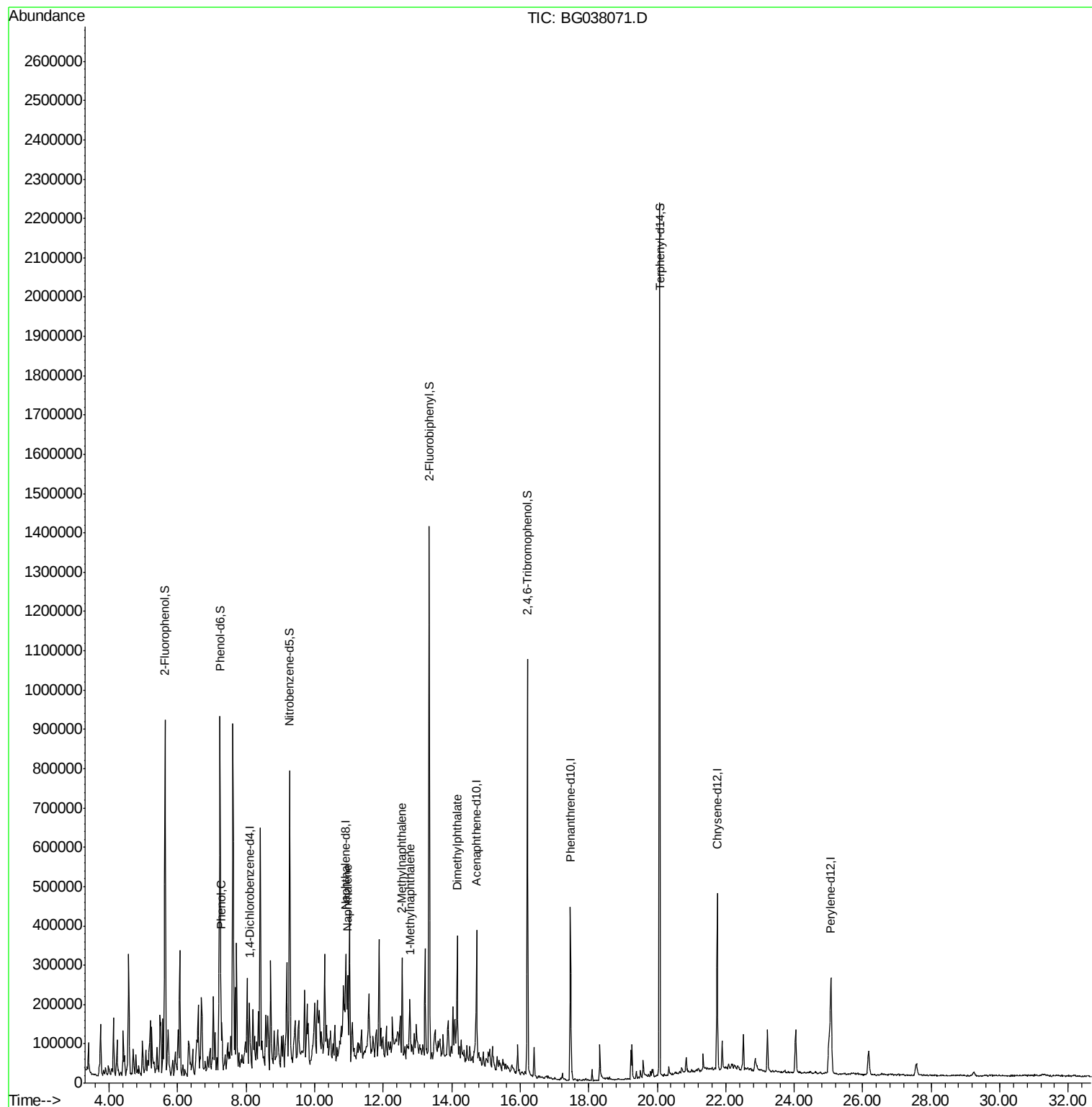
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46874	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193531	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119407	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278921	20.00	ng	0.00
76) Chrysene-d12	21.75	240	260637	20.00	ng	0.00
87) Perylene-d12	25.07	264	271449	20.00	ng	-0.01
System Monitoring Compounds						
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						
10) Phenol	7.26	94	29375	7.156	ng	95
31) Naphthalene	10.96	128	119533	12.558	ng	97
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

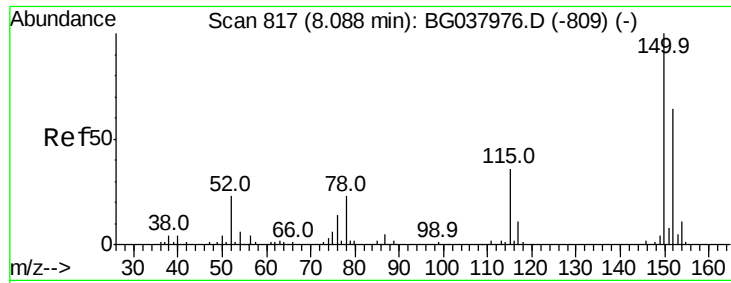
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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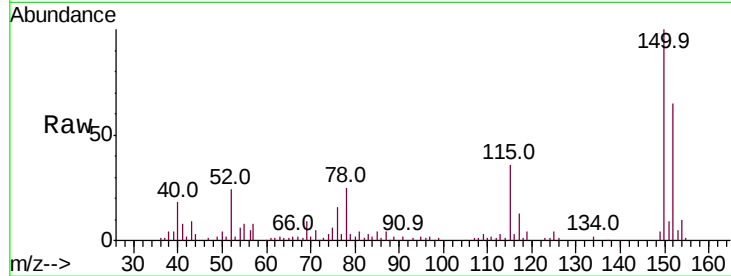


#1

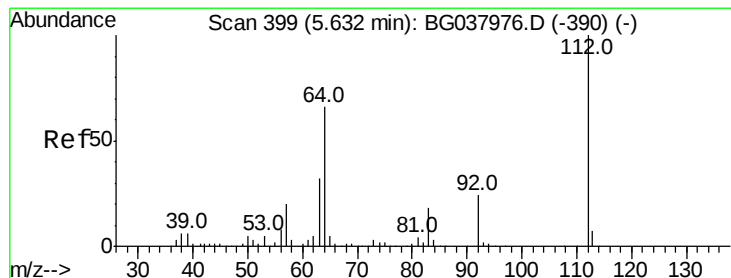
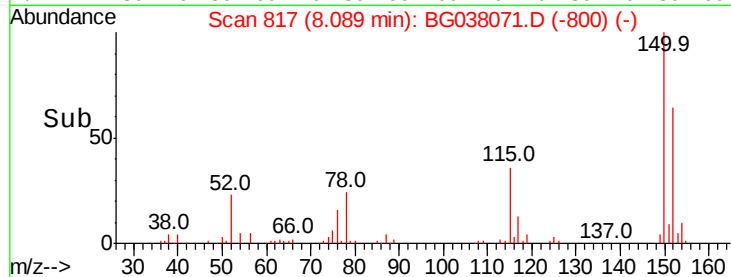
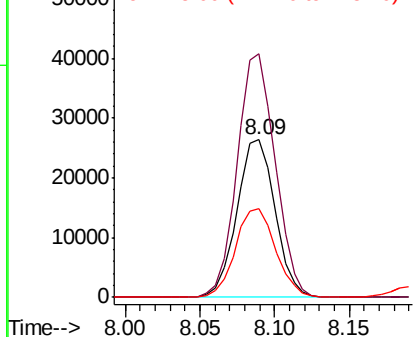
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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

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



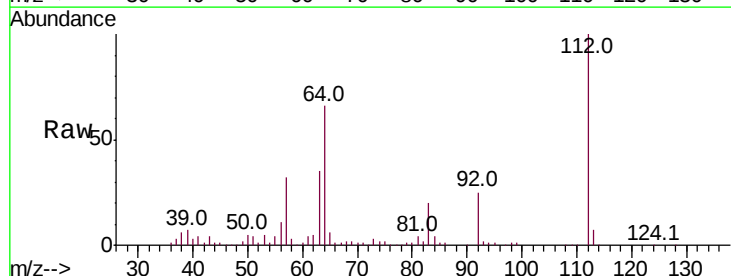
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



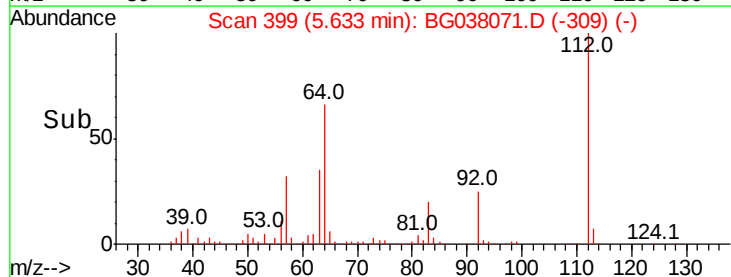
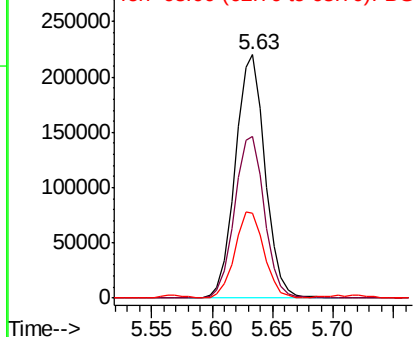
#5

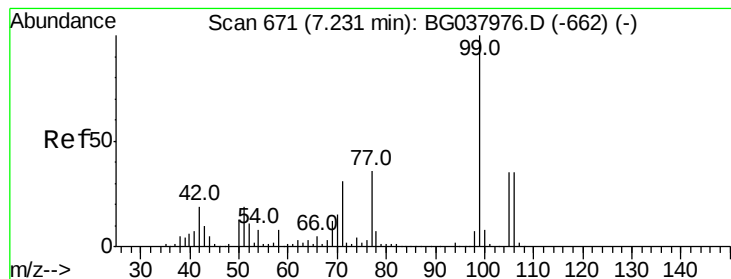
2-Fluorophenol
Concen: 138.894 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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)

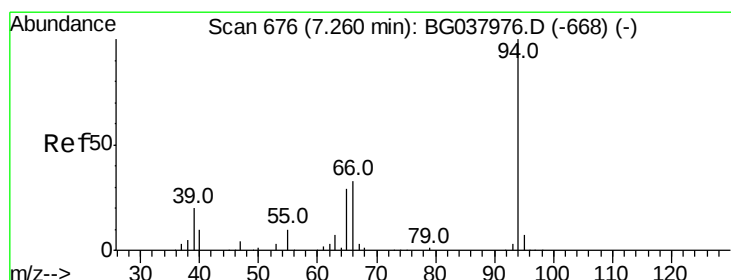
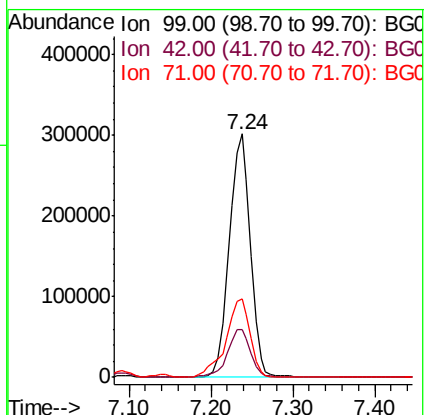
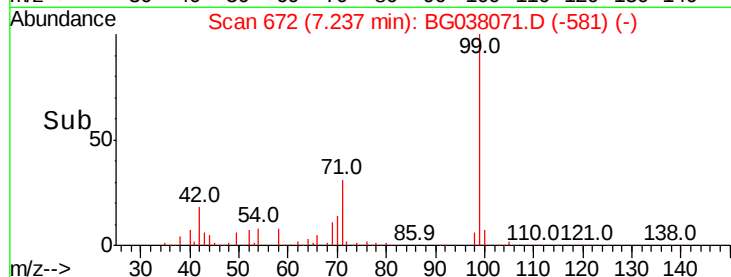
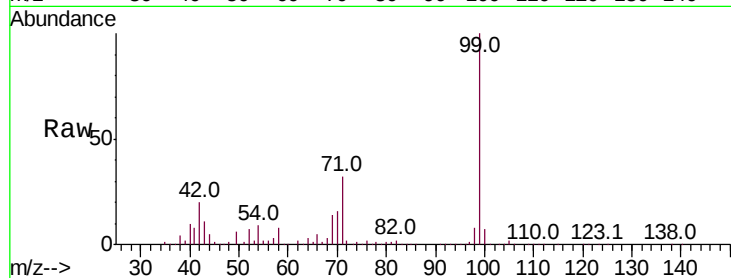
Tot Ion: 99 Resp: 541064

Ion Ratio Lower Upper

99 100

42 19.6 15.0 22.4

71 32.4 25.5 38.3



#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

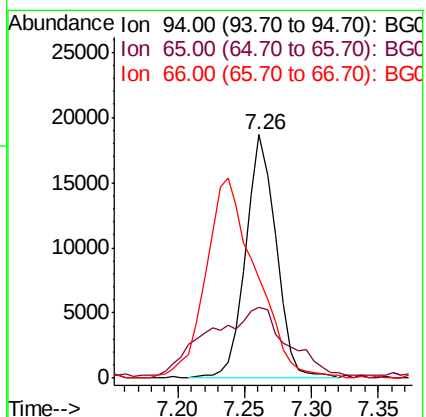
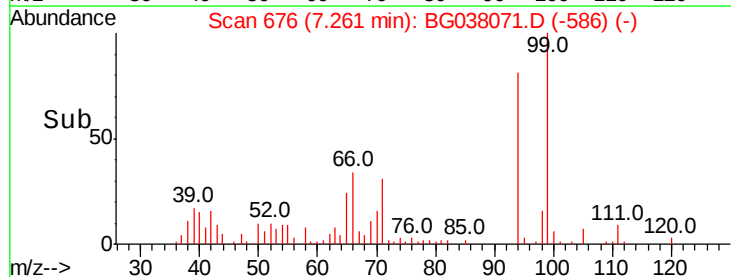
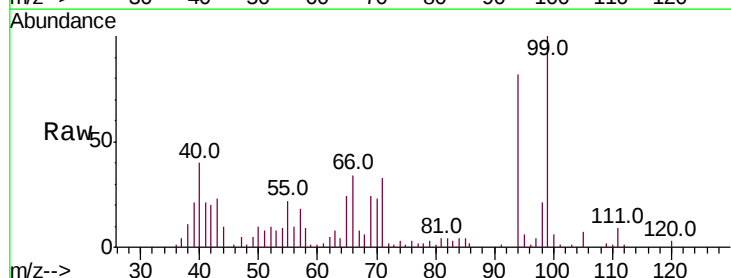
Tgt Ion: 94 Resp: 29375

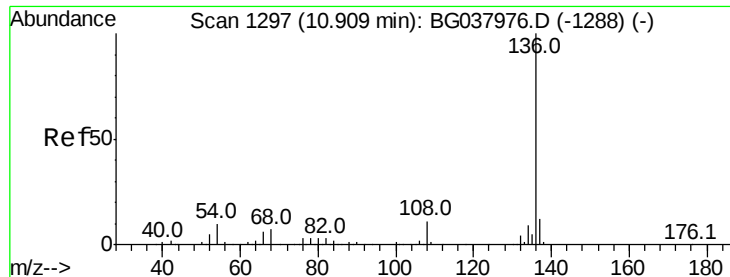
Ion Ratio Lower Upper

94 100

65 28.9 9.7 49.7

66 41.0 15.9 55.9





#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)

Tot Ion:136 Resp: 193531

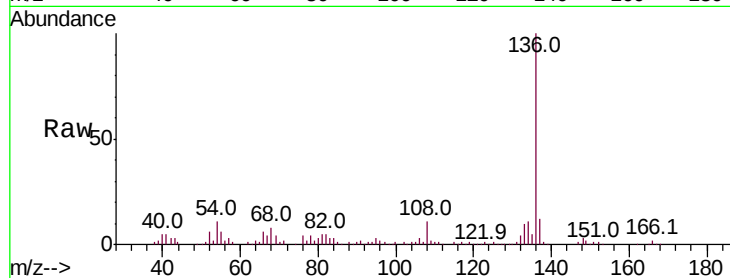
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 11.5 7.9 11.9

68 7.6 4.8 7.2#

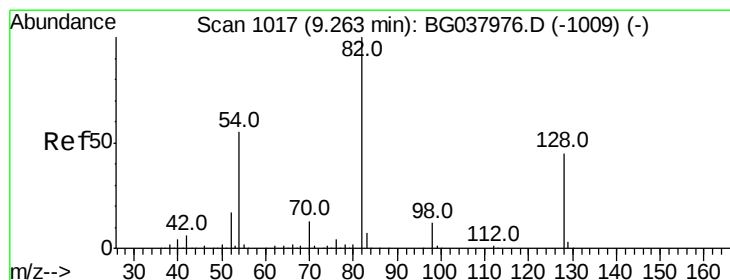
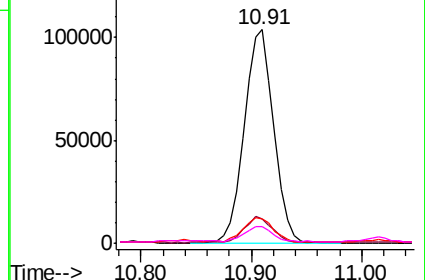
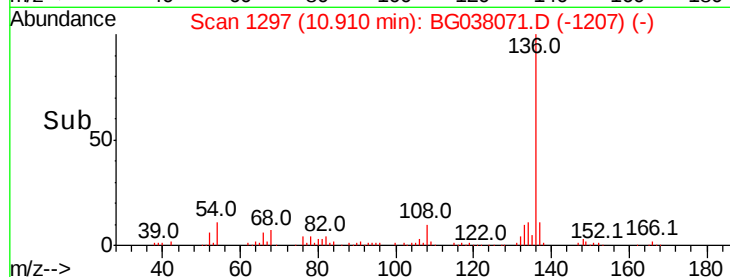


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

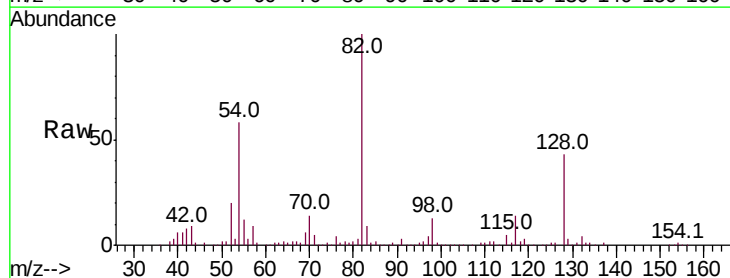
Tgt Ion: 82 Resp: 333339

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

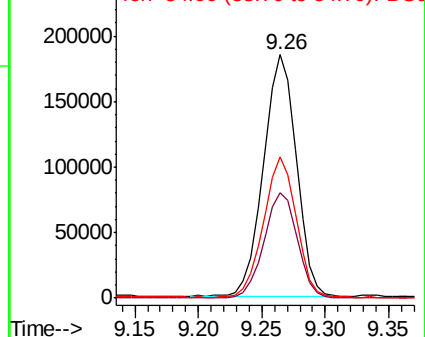
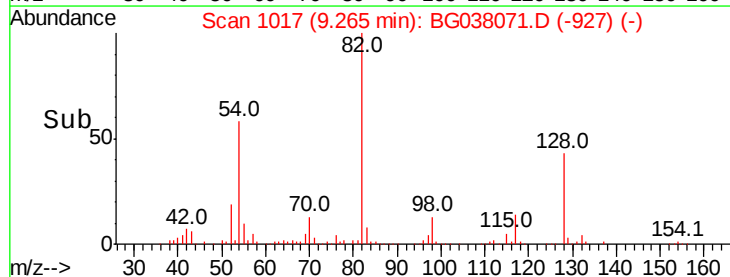
54 58.0 45.3 67.9

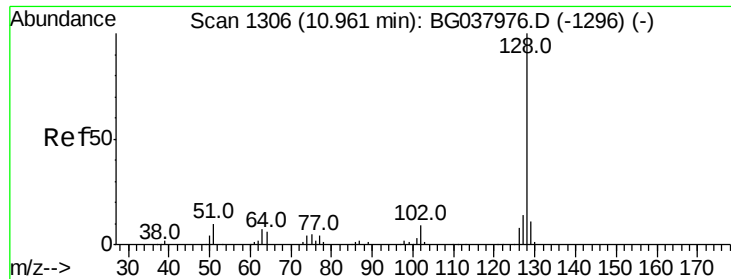


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

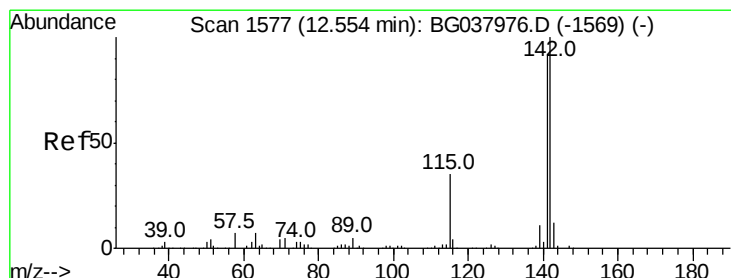
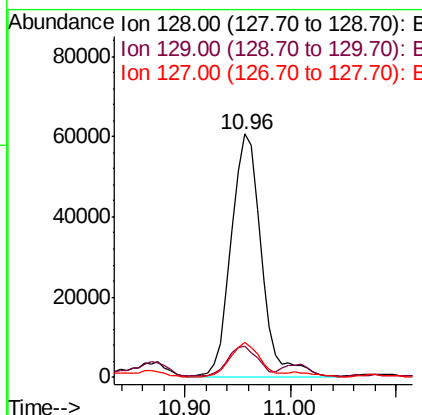
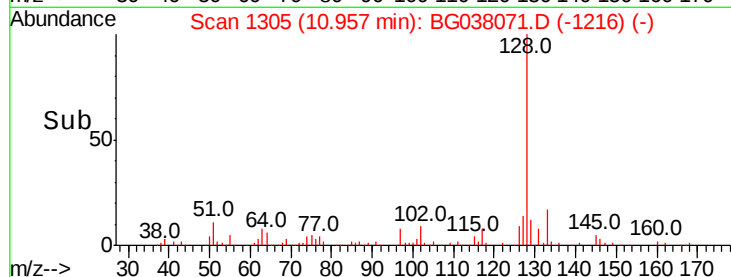
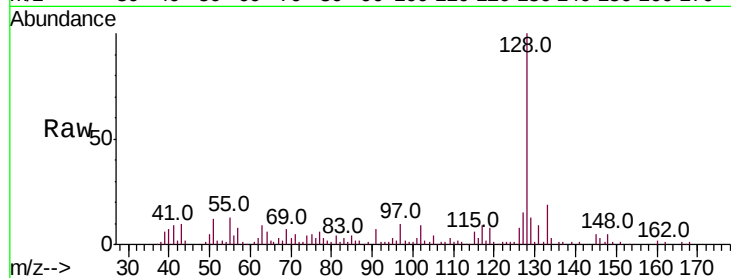




#31
Naphthalene
Concen: 12.558 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

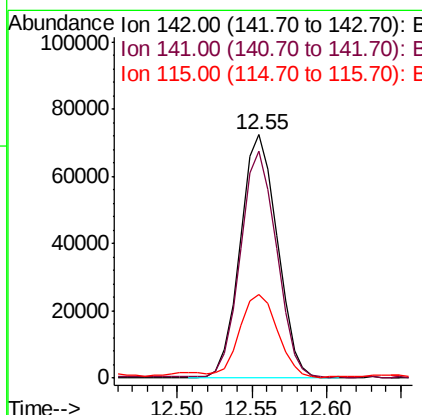
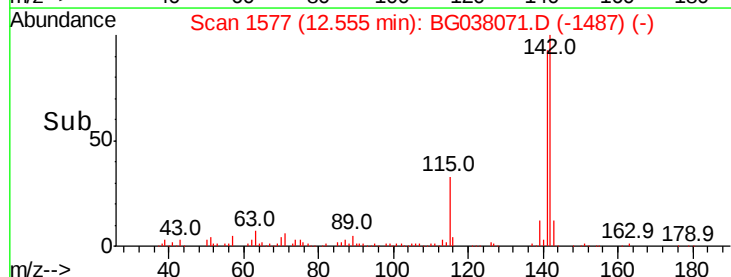
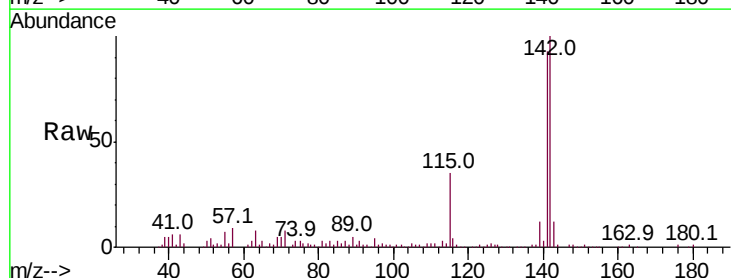
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

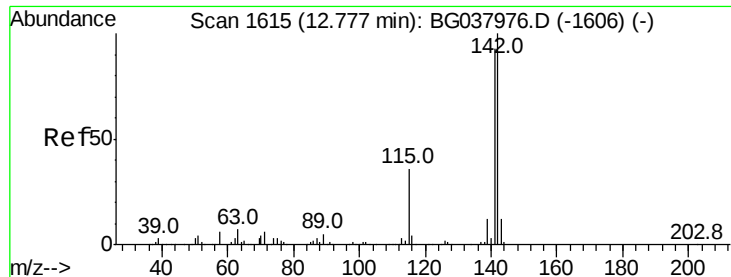
Tot Ion:128 Resp: 119533
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 14.5 11.1 16.7



#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

Tgt Ion:142 Resp: 124989
Ion Ratio Lower Upper
142 100
141 93.2 71.9 107.9
115 34.5 27.8 41.8

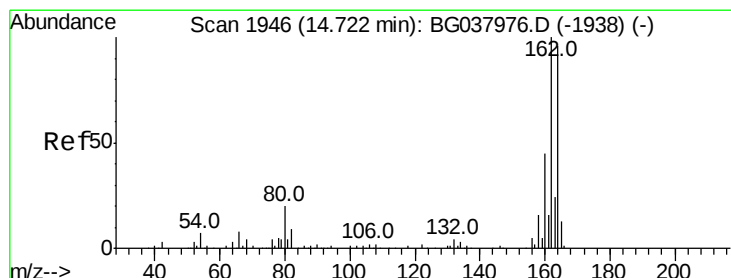
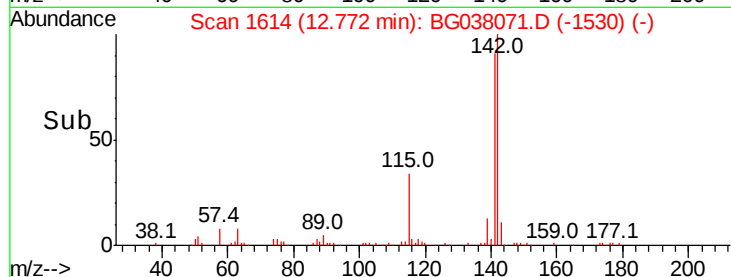
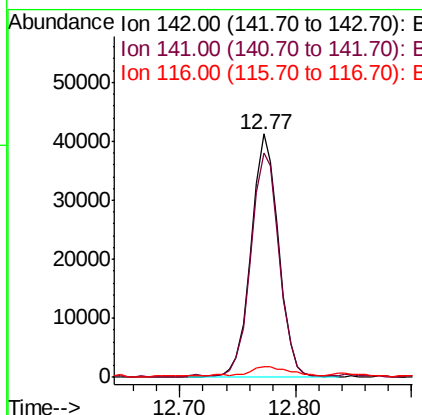
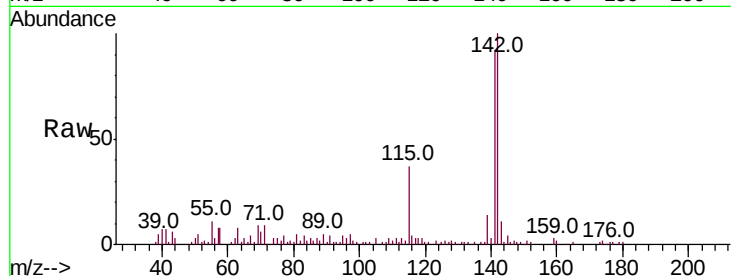




#38
1-Methylnaphthalene
Concen: 10.426 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038071.D
Acq: 19 Nov 2018 20:41

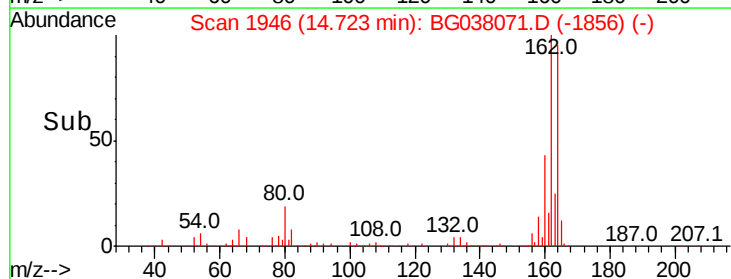
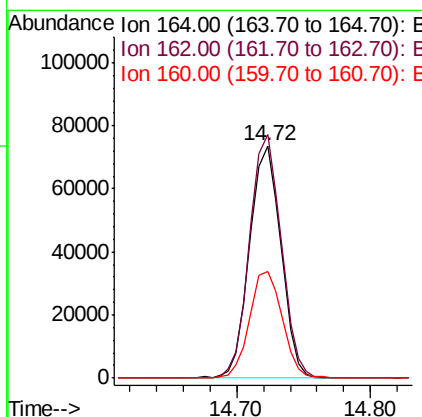
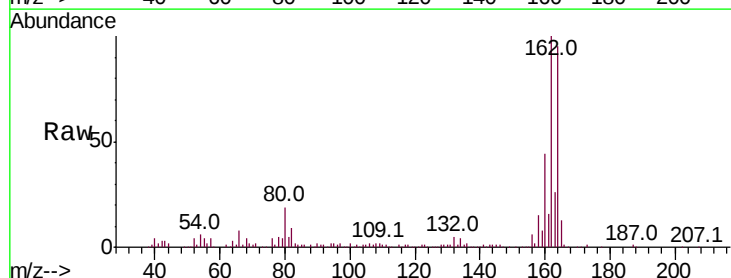
Instrument :
BNA_G
ClientSampleId :
FDSB-03(26.5-28.5)

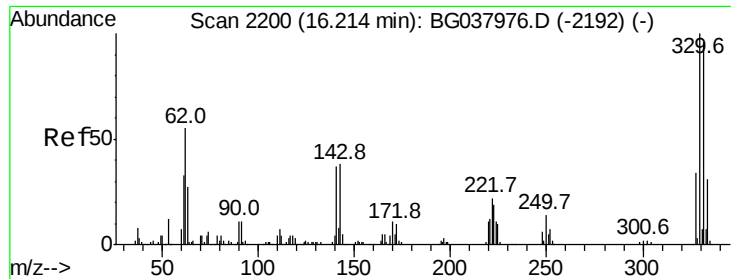
Tot Ion:142 Resp: 68616
Ion Ratio Lower Upper
142 100
141 92.0 75.2 112.8
116 4.3 3.3 4.9



#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

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

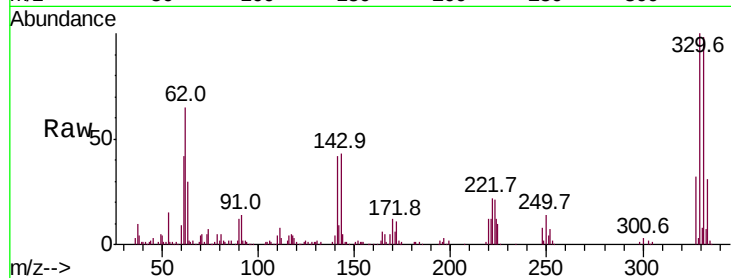




#42
 2,4,6-Tribromophenol
 Concen: 135.580 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038071.D
 Acq: 19 Nov 2018 20:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	41.4	32.2	48.2

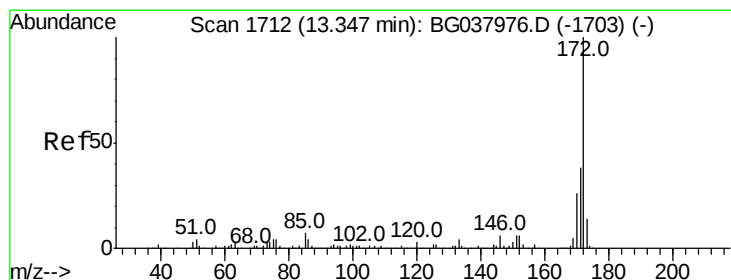
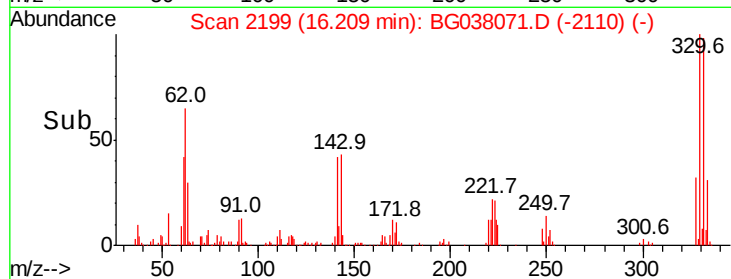
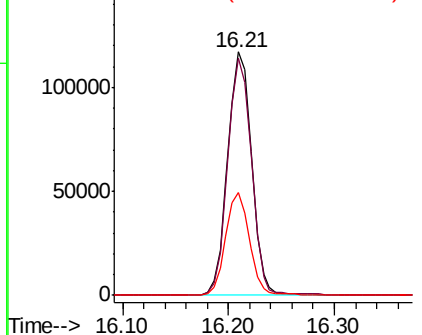


Abundance

Ion 329.80 (329.50 to 330.50): E

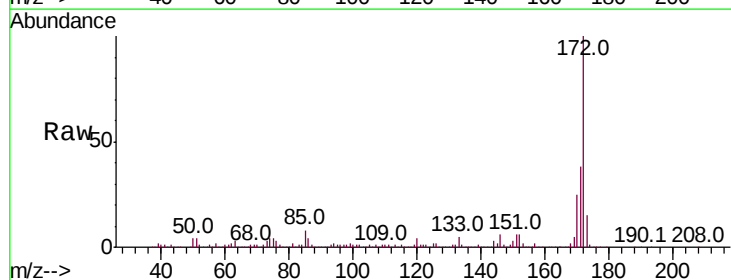
Ion 331.80 (331.50 to 332.50): E

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

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

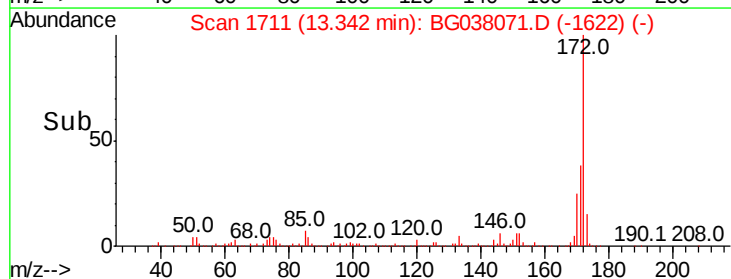
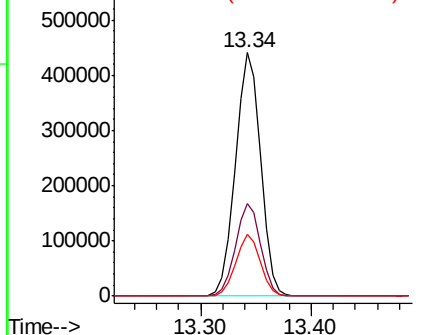


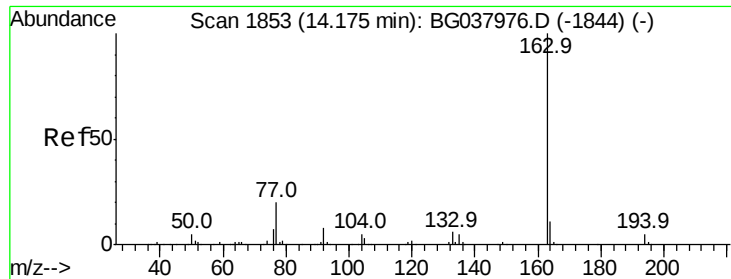
Abundance

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: 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

Instrument :

BNA_G

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FDSB-03(26.5-28.5)

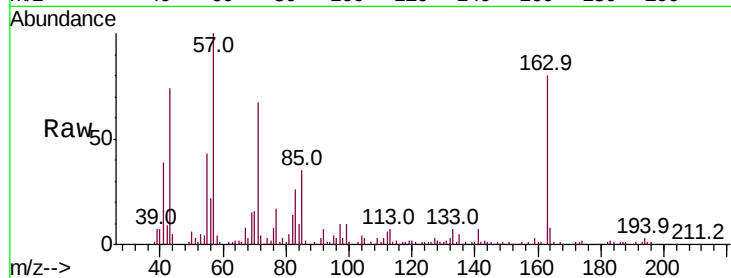
Tot Ion:163 Resp: 51162

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

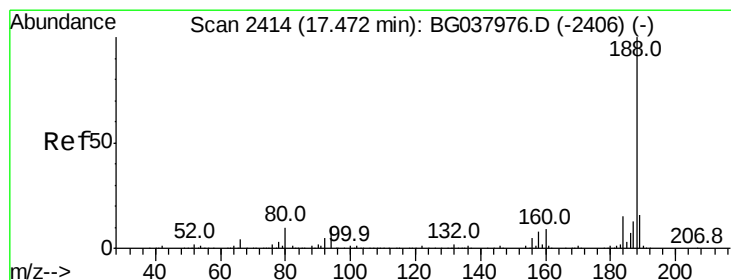
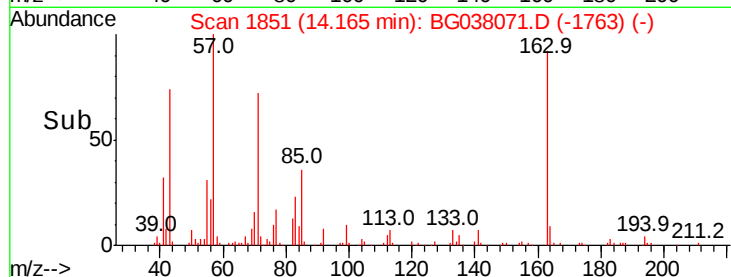
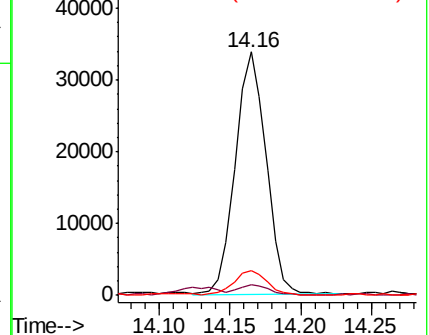
164 10.2 8.5 12.7



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



#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

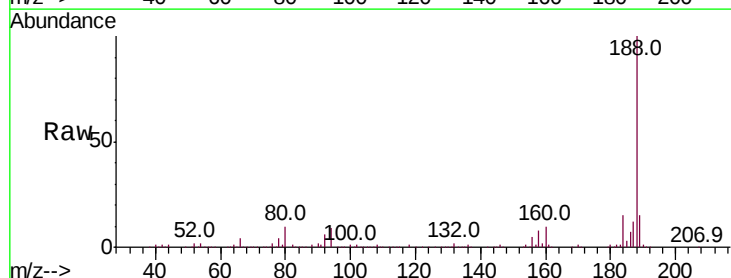
Tgt Ion:188 Resp: 278921

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

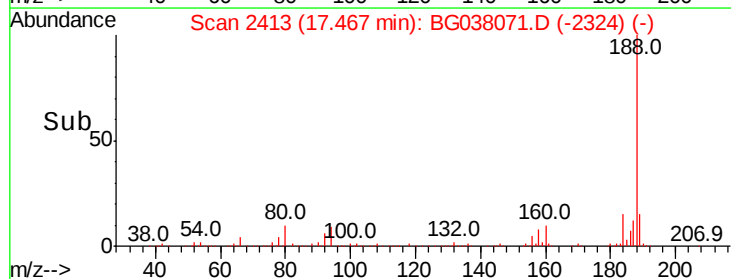
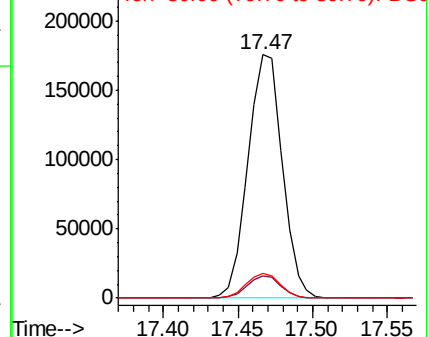
80 9.9 7.7 11.5

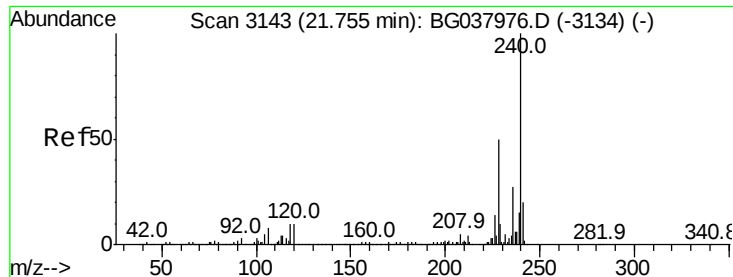


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#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

Instrument :

BNA_G

ClientSampleId :

FDSB-03(26.5-28.5)

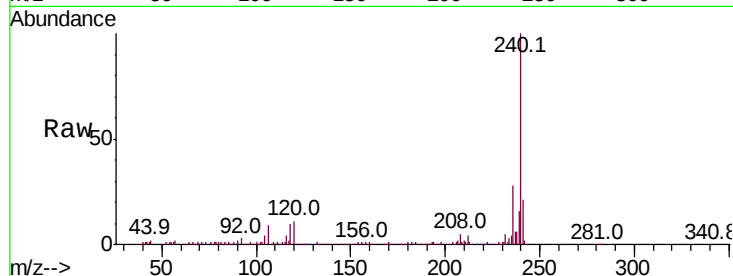
Tot Ion:240 Resp: 260637

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.8	21.4	32.0

240 100

120 10.8 8.1 12.1

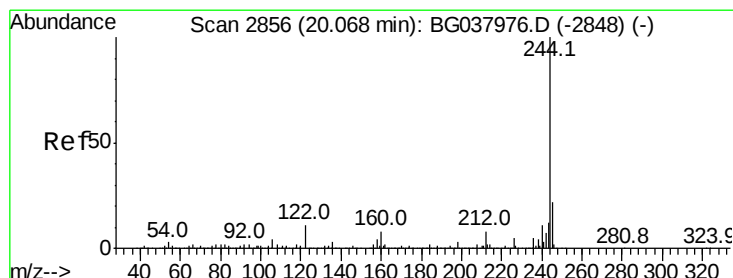
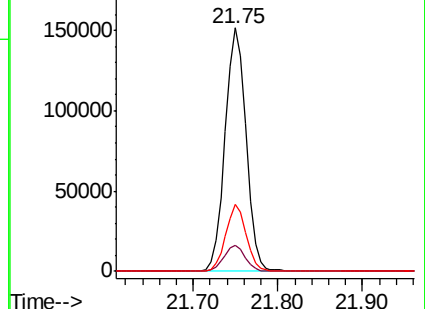
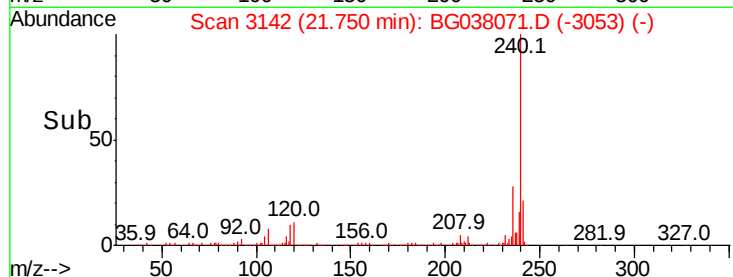
236 27.8 21.4 32.0



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



#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

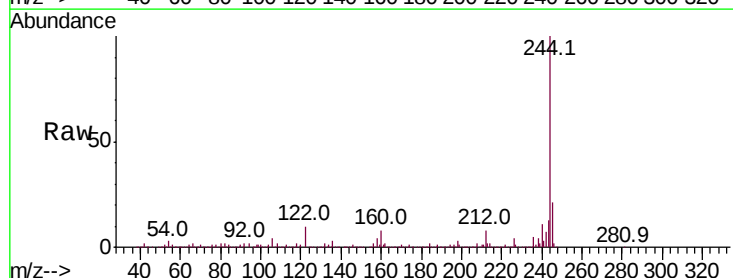
Tgt Ion:244 Resp: 1067194

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.5	9.0	13.4

244 100

212 8.5 6.5 9.7

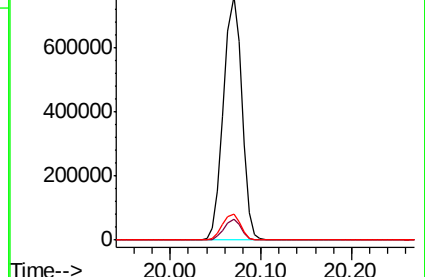
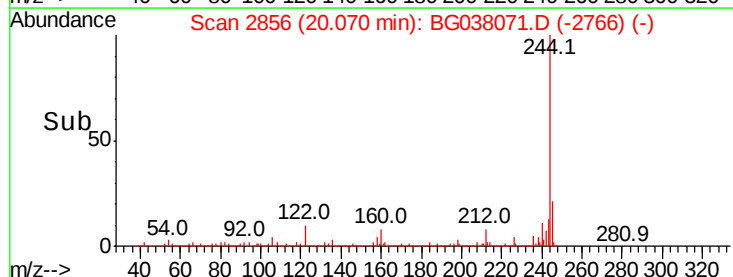
122 10.5 9.0 13.4

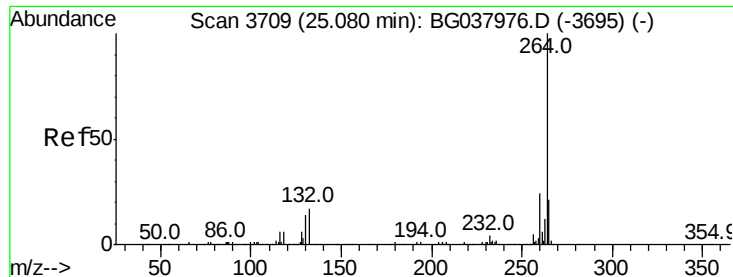


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-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)

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

