

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099378.D
 Acq On : 12 Oct 2017 7:43
 Operator : SJ/JU
 Sample : I5530-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(8.5-9)

Quant Time: Oct 12 08:11:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

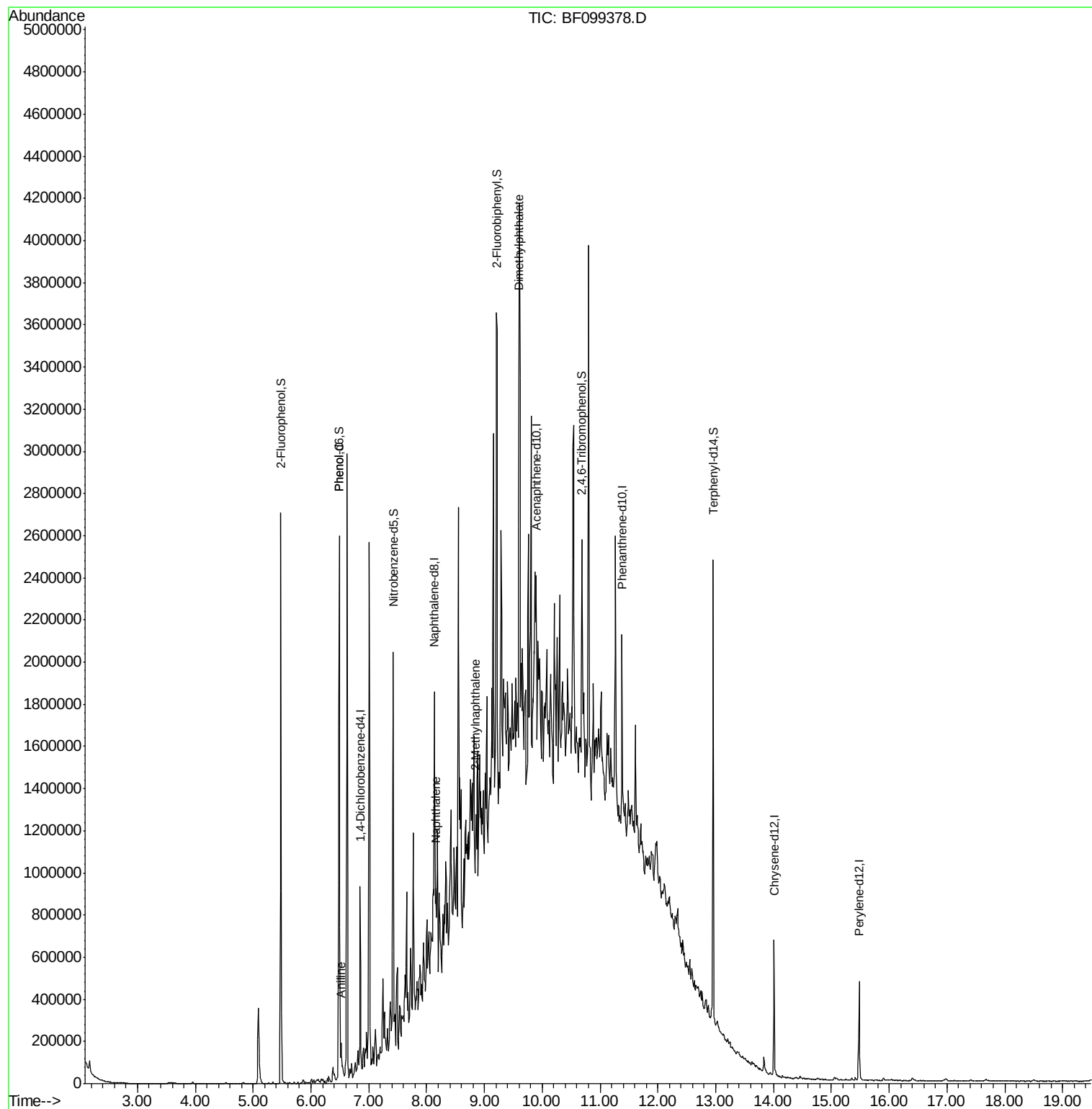
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121970	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	460664	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	187108	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	317887	20.00	ng	0.00
75) Chrysene-d12	14.01	240	199397	20.00	ng	0.00
86) Perylene-d12	15.48	264	197635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	950772	124.09	ng	0.01
7) Phenol-d6	6.49	99	1134661	120.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	655437	91.24	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	196015	128.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	960156	85.67	ng	0.00
78) Terphenyl-d14	12.96	244	759836	86.66	ng	0.00
Target Compounds						
6) Aniline	6.52	93	45051	3.532	ng	99
10) Phenol	6.50	94	41302	3.907	ng	89
31) Naphthalene	8.16	128	54597	2.523	ng	# 94
37) 2-Methylnaphthalene	8.85	142	58049	4.127	ng	97
49) Dimethylphthalate	9.60	163	127726	9.045	ng	# 80

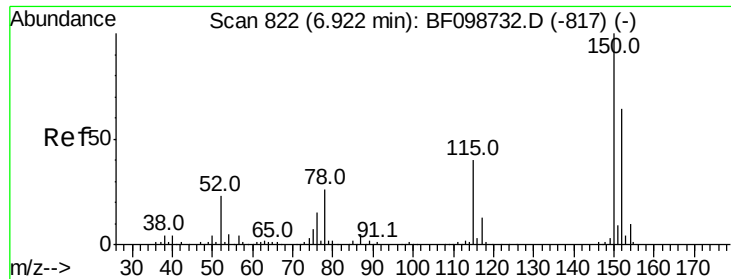
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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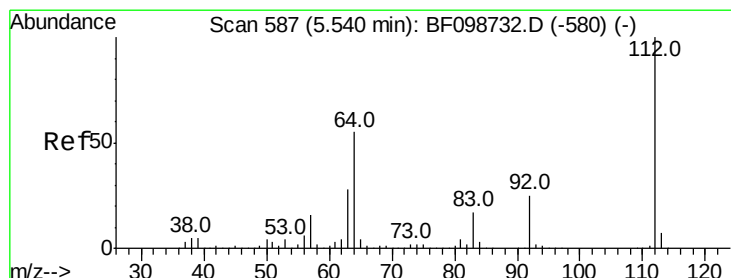
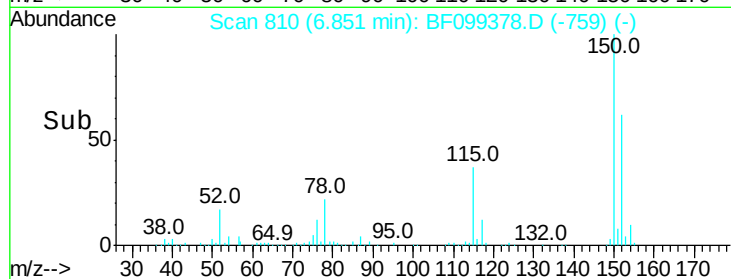
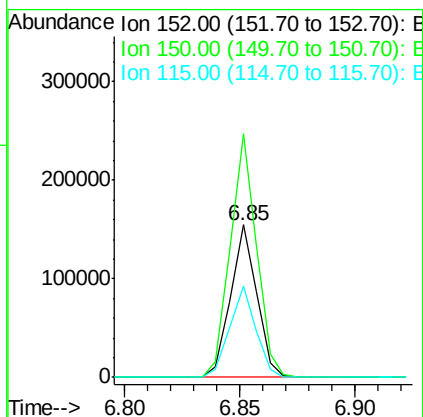
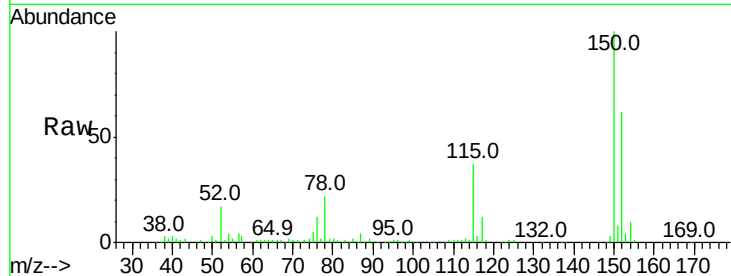


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099378.D
Acq: 12 Oct 2017 7:43

Instrument :
BNA_F
ClientSampleId :
LB-32(8.5-9)

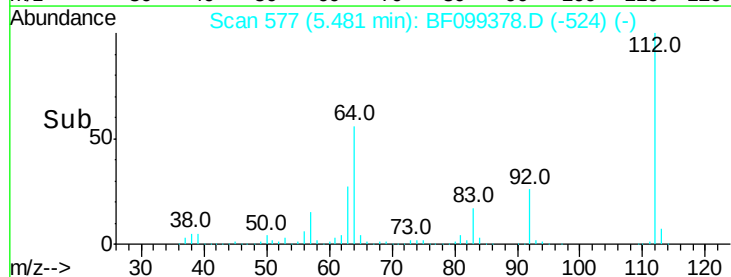
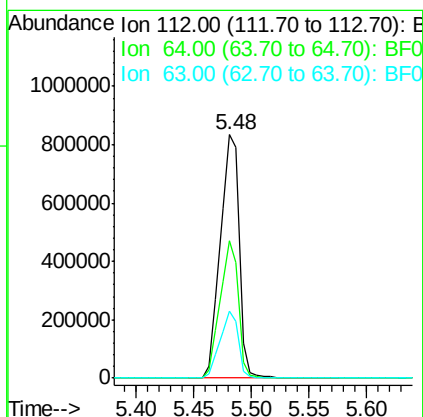
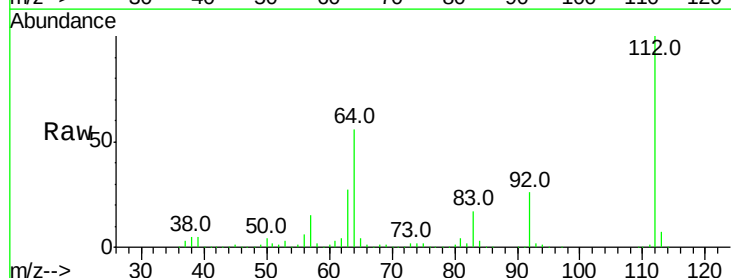
Tot Ion:152 Resp: 121970
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 59.8 50.1 75.1

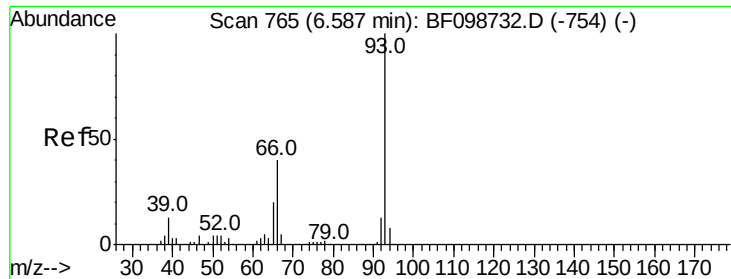


#5

2-Fluorophenol
Concen: 124.091 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099378.D
Acq: 12 Oct 2017 7:43

Tgt Ion:112 Resp: 950772
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.3 23.7 35.5





#6

Aniline

Concen: 3.532 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Instrument :

BNA_F

ClientSampled :

LB-32(8.5-9)

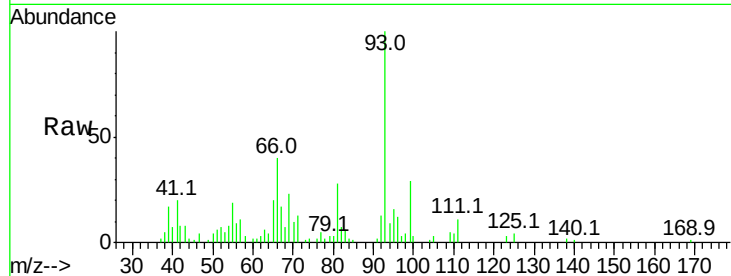
Tot Ion: 93 Resp: 45051

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

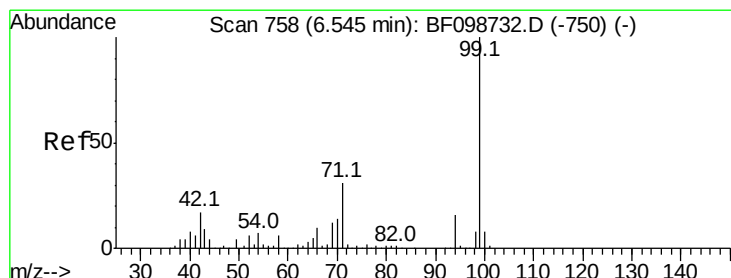
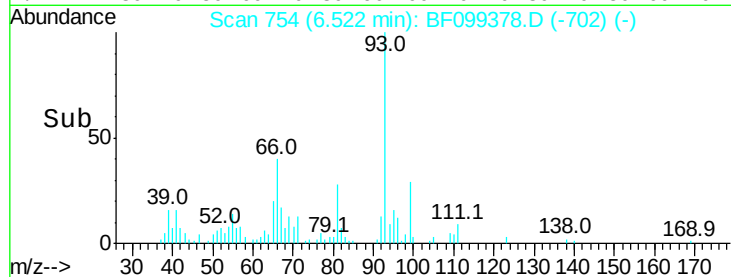
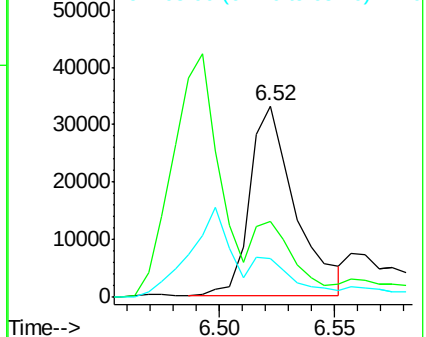
65 20.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 120.047 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

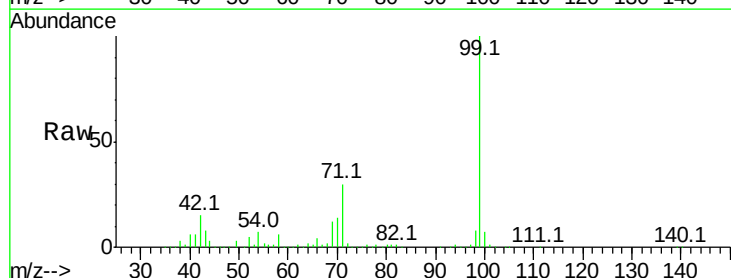
Tgt Ion: 99 Resp: 1134661

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

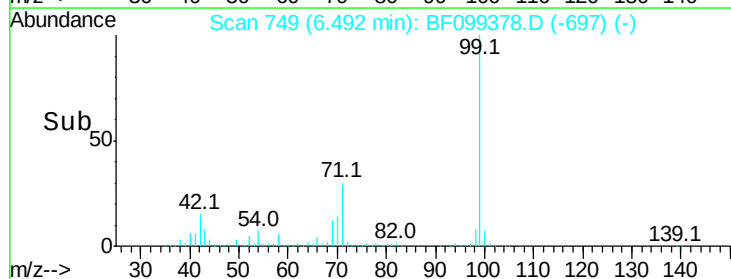
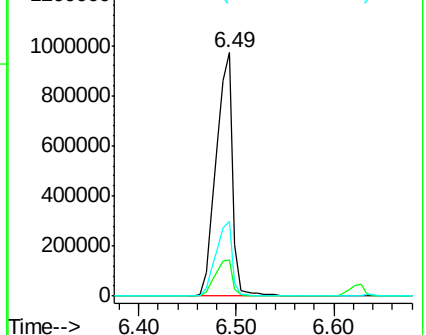
71 30.5 25.4 38.0

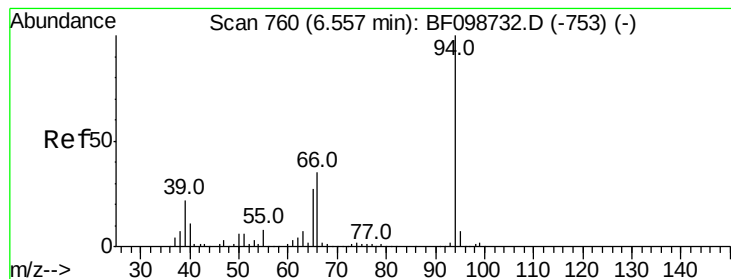


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.907 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

LB-32(8.5-9)

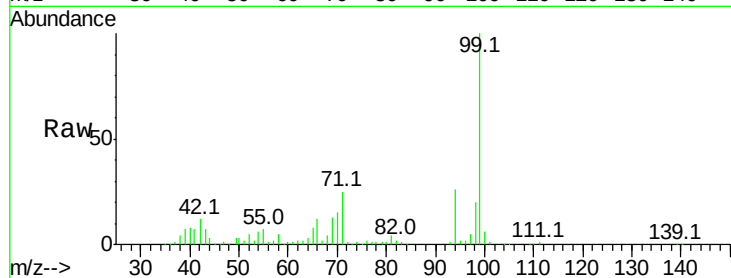
Tot Ion: 94 Resp: 41302

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

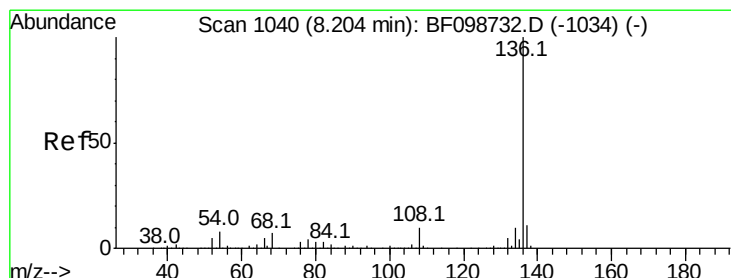
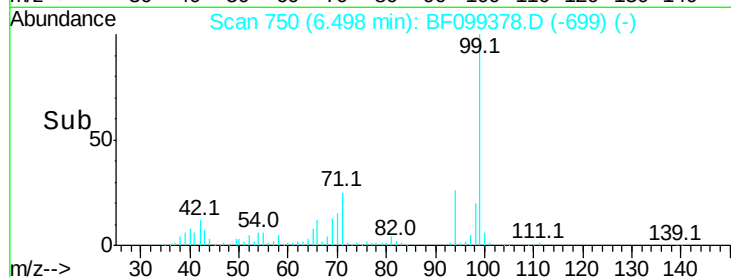
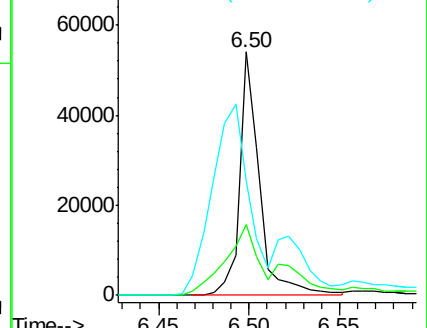
66 46.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Tgt Ion:136 Resp: 460664

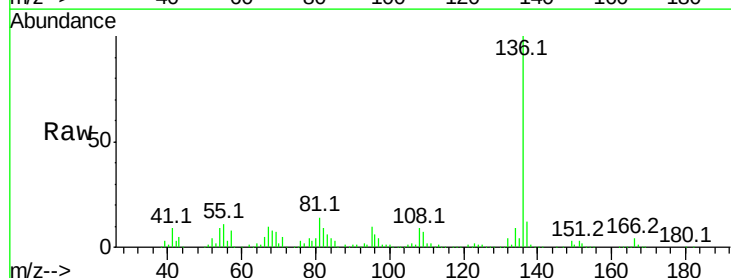
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 8.8 6.6 9.8

68 8.4 5.0 7.4#

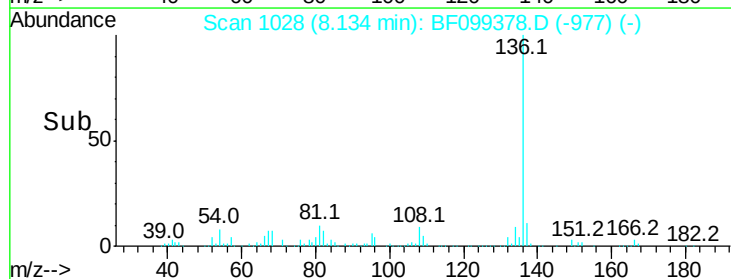
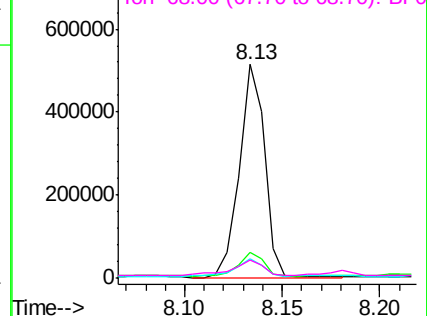


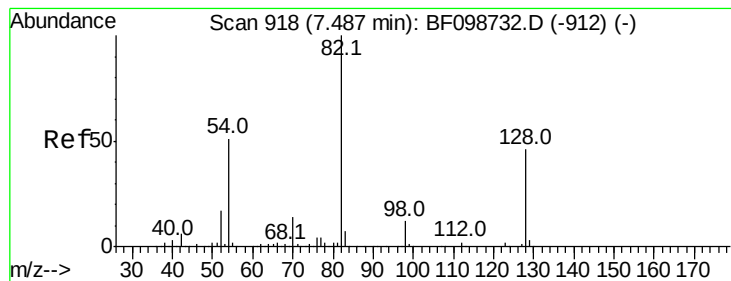
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 91.245 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

LB-32(8.5-9)

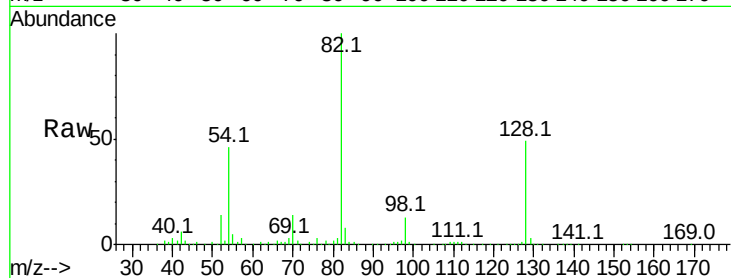
Tot Ion: 82 Resp: 655437

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

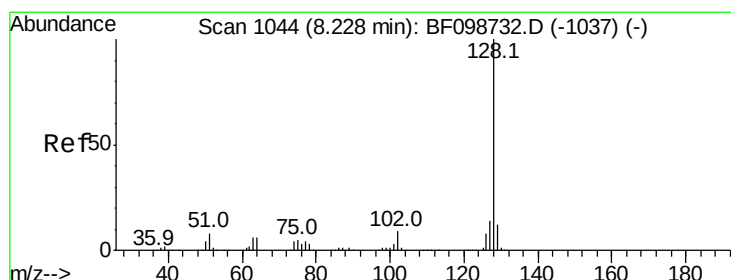
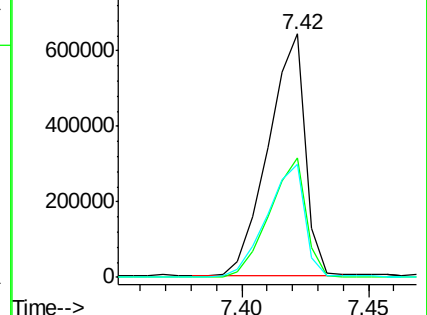
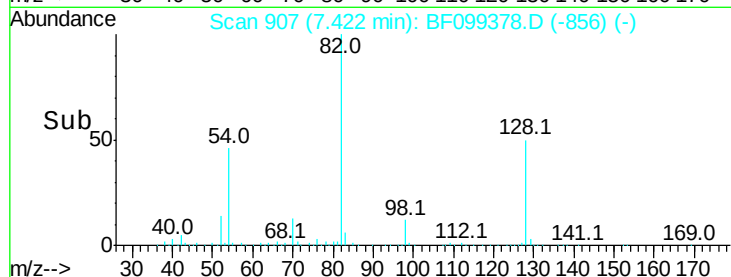
54 46.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 2.523 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

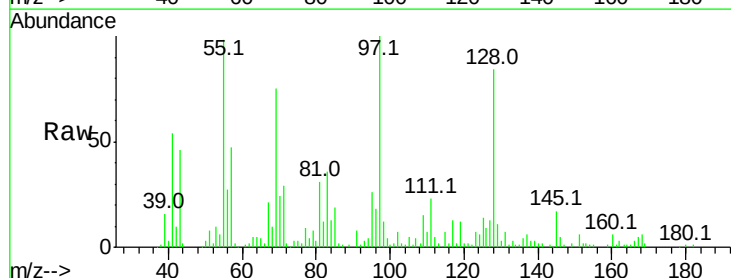
Tgt Ion:128 Resp: 54597

Ion Ratio Lower Upper

128 100

129 13.5 8.8 13.2#

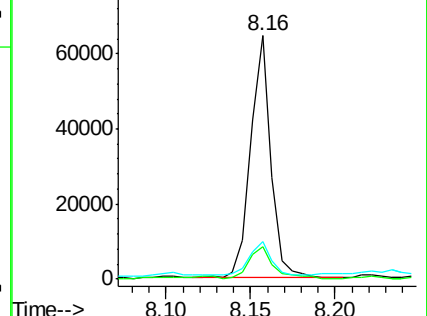
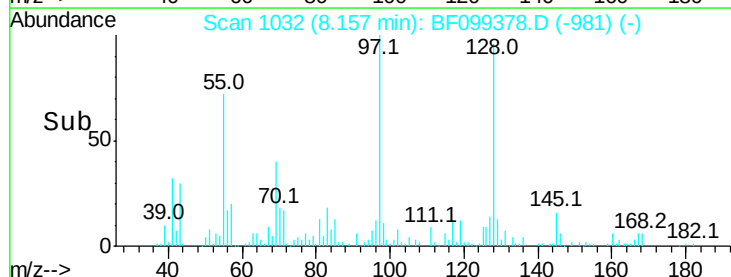
127 15.5 10.9 16.3

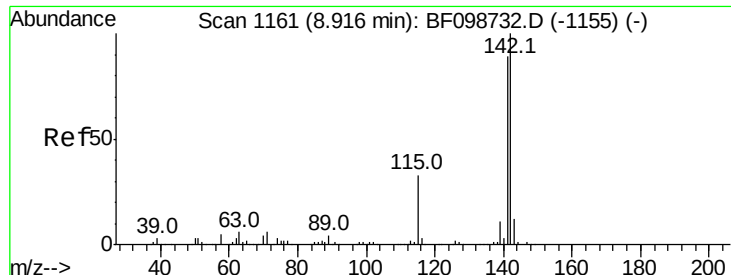


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

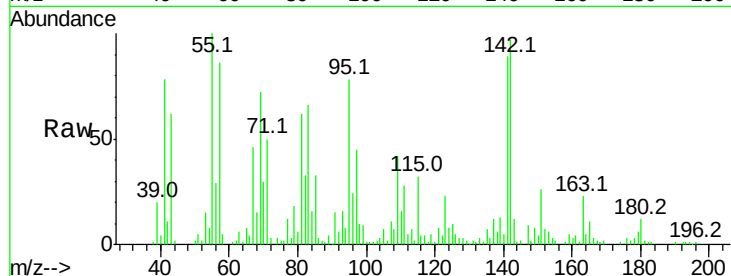




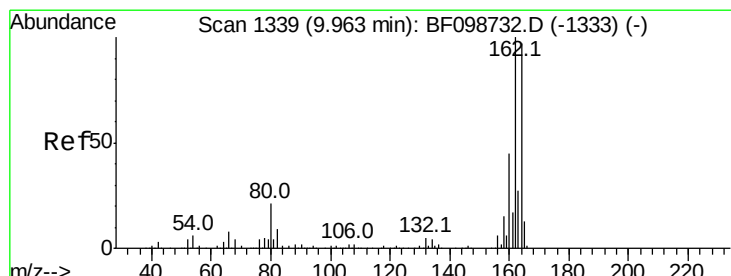
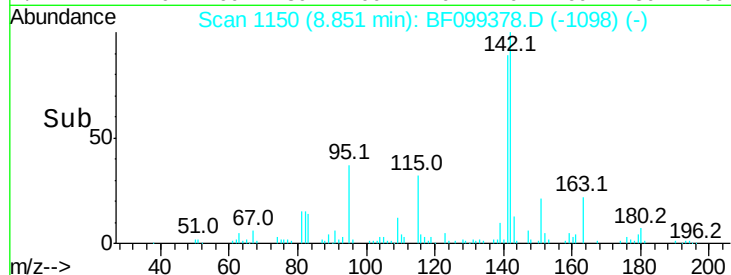
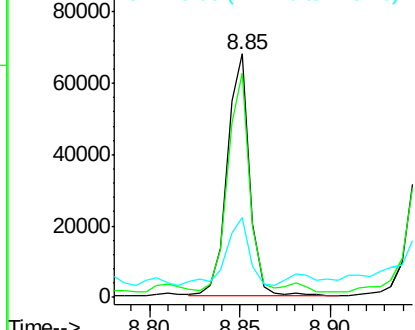
#37
2-Methylnaphthalene
Concen: 4.127 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099378.D
Acq: 12 Oct 2017 7:43

Instrument :
BNA_F
ClientSampleId :
LB-32(8.5-9)

Tot Ion:142 Resp: 58049
Ion Ratio Lower Upper
142 100
141 91.9 70.8 106.2
115 32.9 26.1 39.1

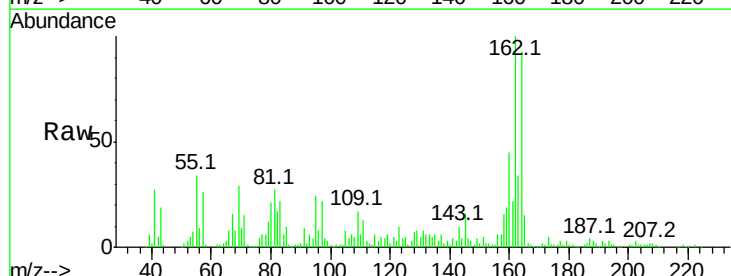


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

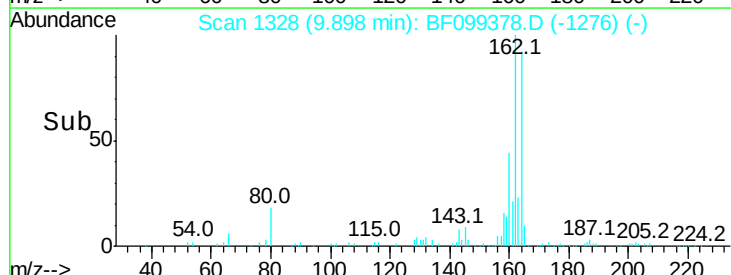
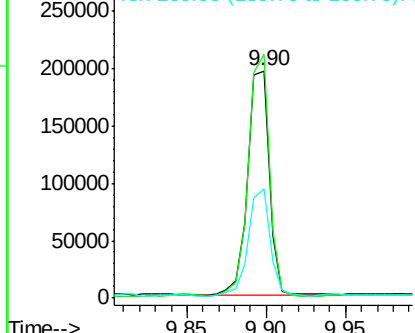


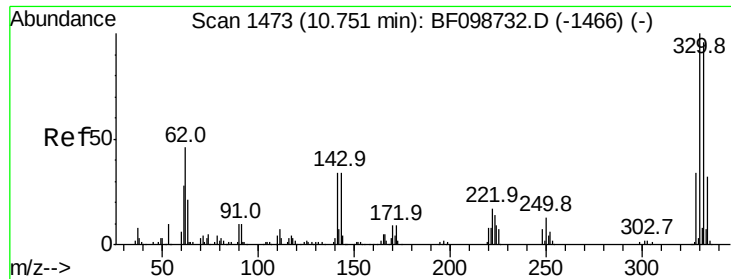
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF099378.D
Acq: 12 Oct 2017 7:43

Tgt Ion:164 Resp: 187108
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 47.9 38.3 57.5



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

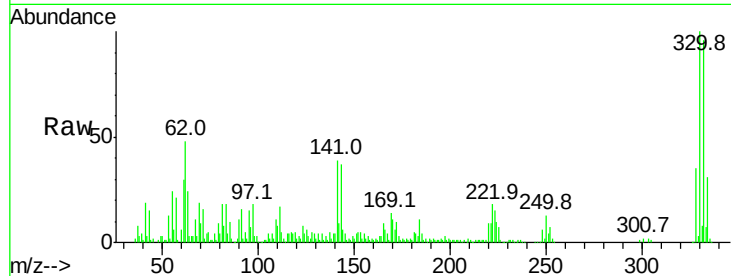




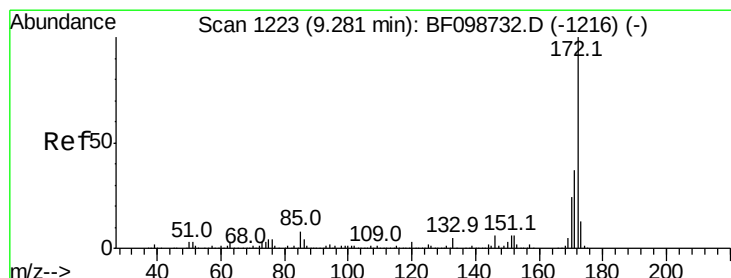
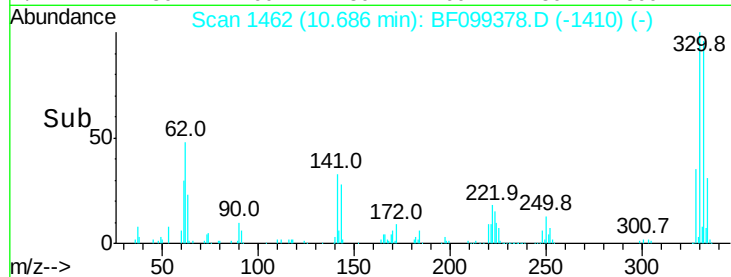
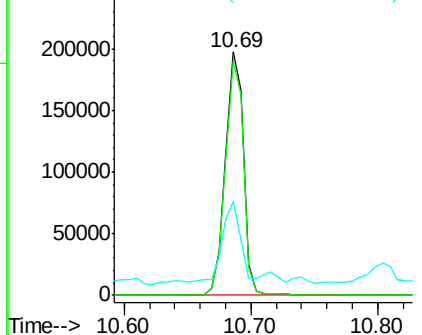
#41
 2,4,6-Tribromophenol
 Concen: 128.026 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099378.D
 Acq: 12 Oct 2017 7:43

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	29.9	44.9

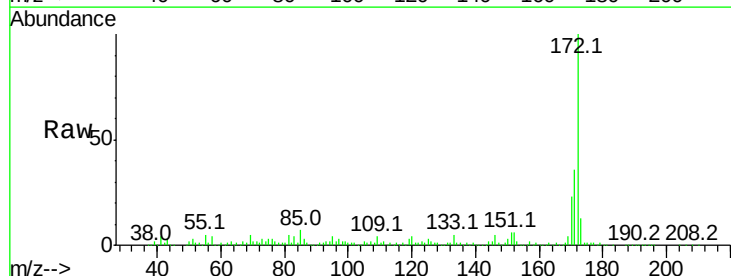


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

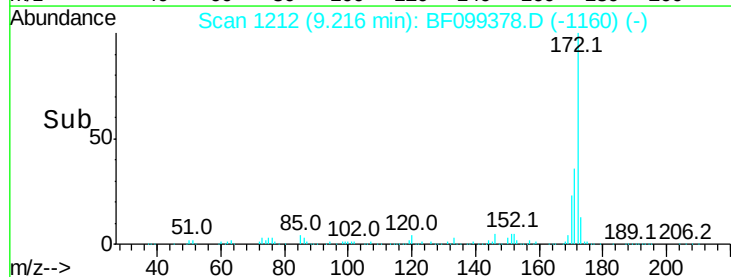
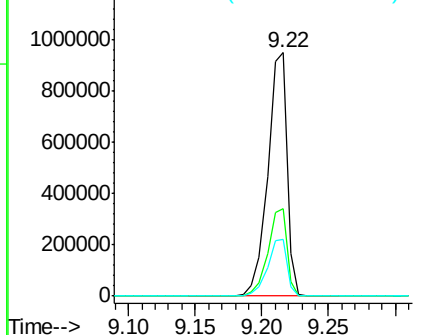


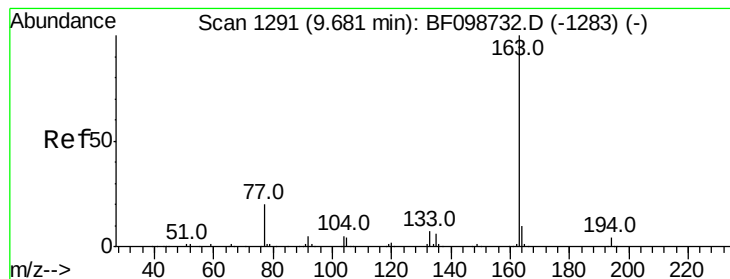
#44
 2-Fluorobiphenyl
 Concen: 85.667 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF099378.D
 Acq: 12 Oct 2017 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4



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





#49

Dimethylphthalate

Concen: 9.045 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Instrument :

BNA_F

ClientSampled :

LB-32(8.5-9)

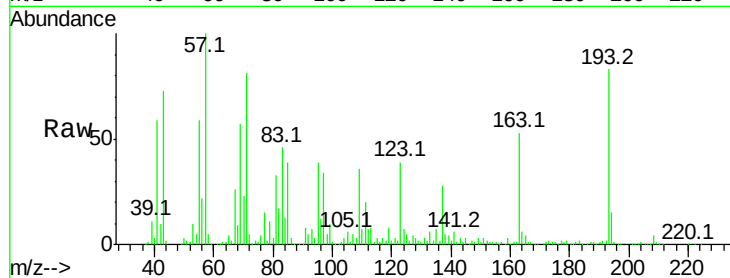
Tot Ion:163 Resp: 127726

Ion Ratio Lower Upper

163 100

194 28.6 2.7 4.1#

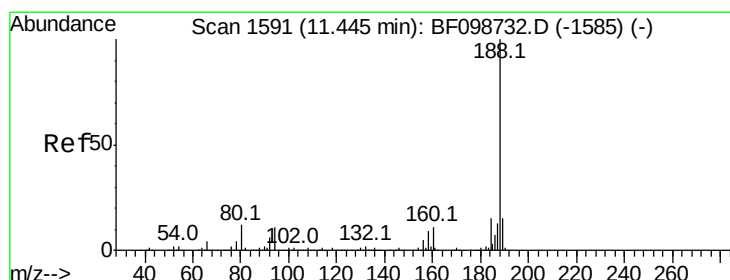
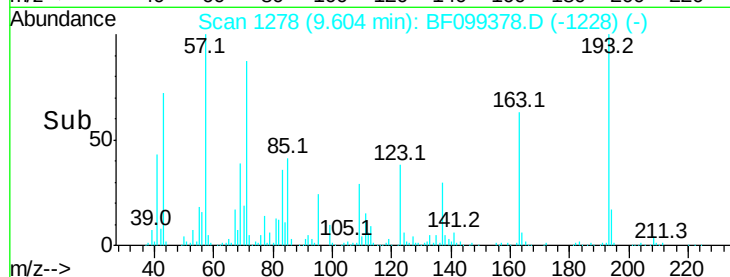
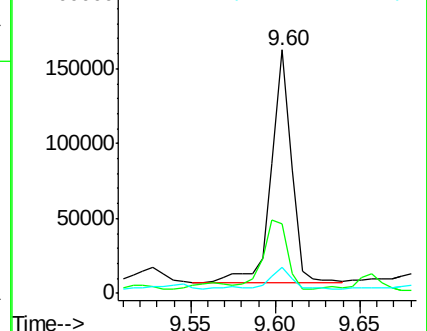
164 10.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

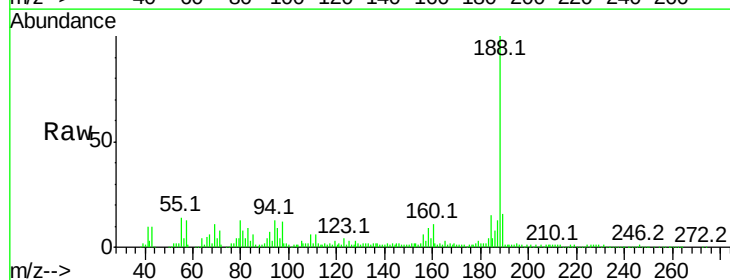
Tgt Ion:188 Resp: 317887

Ion Ratio Lower Upper

188 100

94 12.8 8.5 12.7#

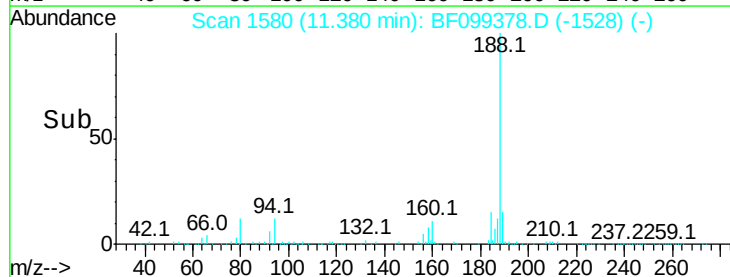
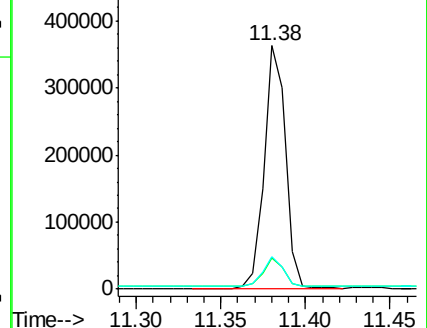
80 13.2 9.2 13.8

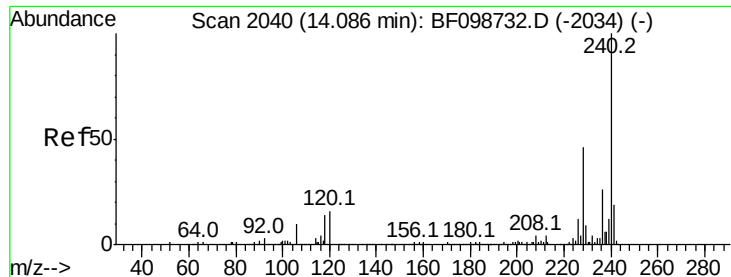


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

Instrument :

BNA_F

ClientSampleId :

LB-32(8.5-9)

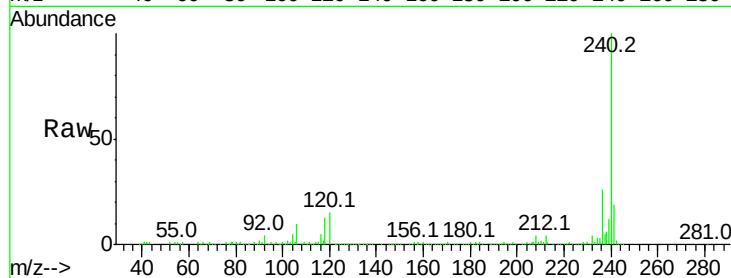
Tot Ion:240 Resp: 199397

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

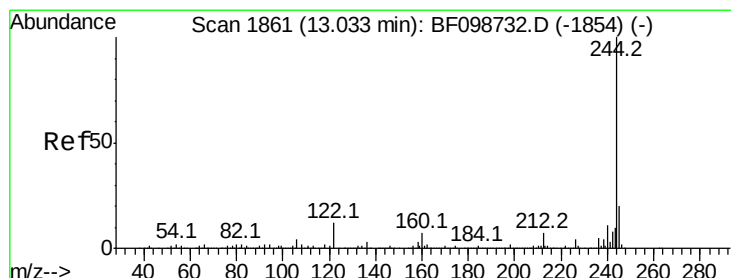
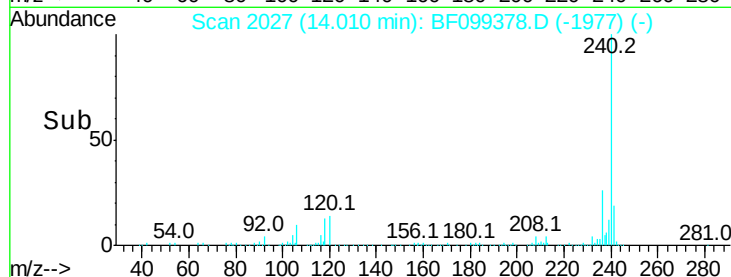
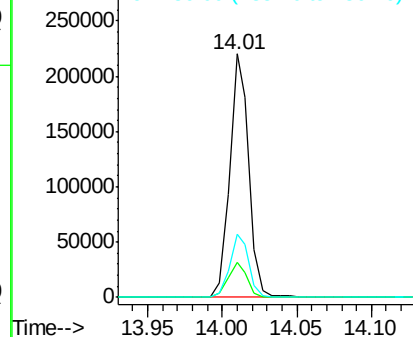
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 86.662 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099378.D

Acq: 12 Oct 2017 7:43

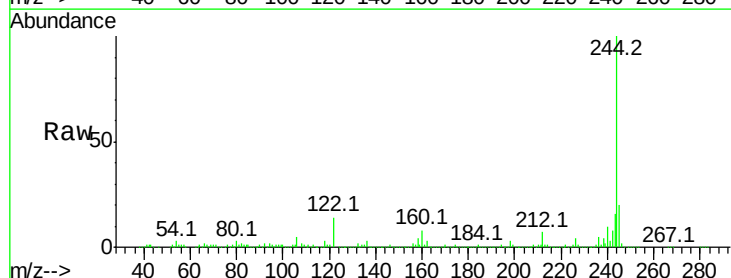
Tgt Ion:244 Resp: 759836

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

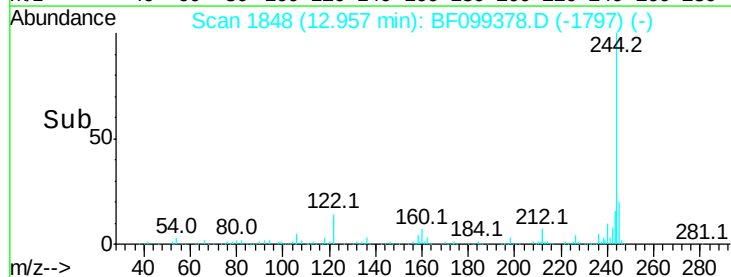
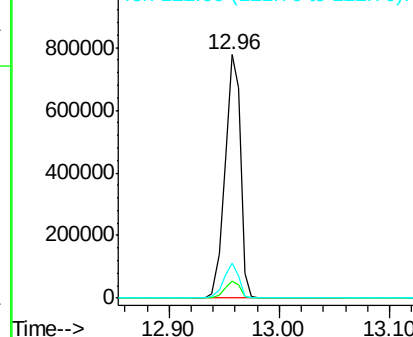
122 14.2 11.0 16.4

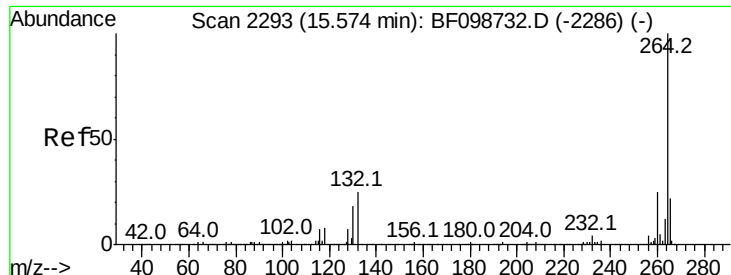


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099378.D
 Acq: 12 Oct 2017 7:43

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3

