

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098882.D
 Acq On : 28 Sep 2017 00:20
 Operator : SJ/JU
 Sample : I54445-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:56:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

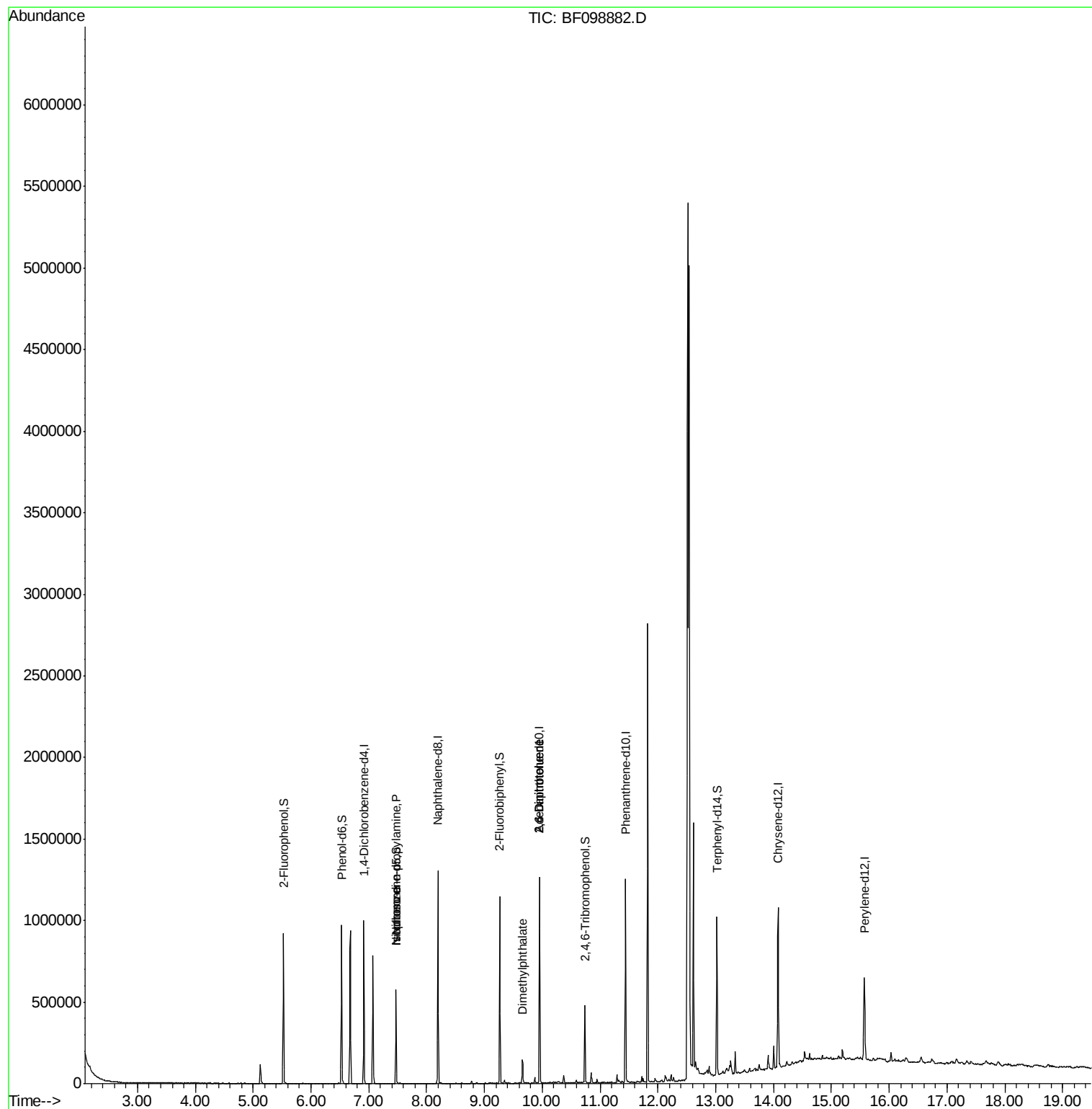
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134761	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550084	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	231092	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	376439	20.00	ng	0.00
75) Chrysene-d12	14.08	240	301751	20.00	ng	0.00
86) Perylene-d12	15.57	264	224241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	224029	26.46	ng	-0.02
7) Phenol-d6	6.53	99	278728	26.69	ng	-0.02
23) Nitrobenzene-d5	7.47	82	161913	18.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	43815	23.17	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	304107	21.97	ng	-0.01
78) Terphenyl-d14	13.02	244	242621	18.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	20502	3.07	ng	# 79
25) Isophorone	7.47	82	161640	9.11	ng	# 64
49) Dimethylphthalate	9.66	163	50269	2.88	ng	97
50) 2,6-Dinitrotoluene	9.95	165	29046	7.65	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	29046	5.89	ng	# 23

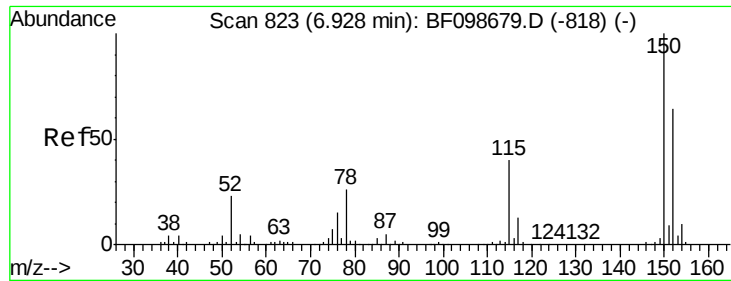
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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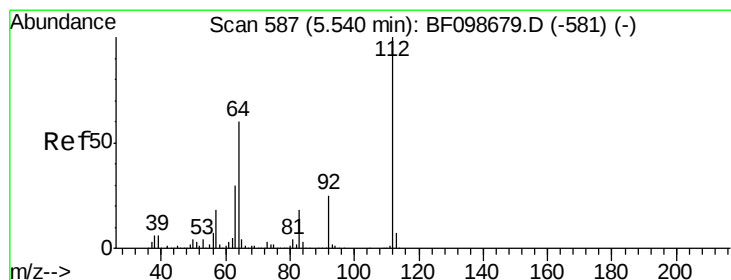
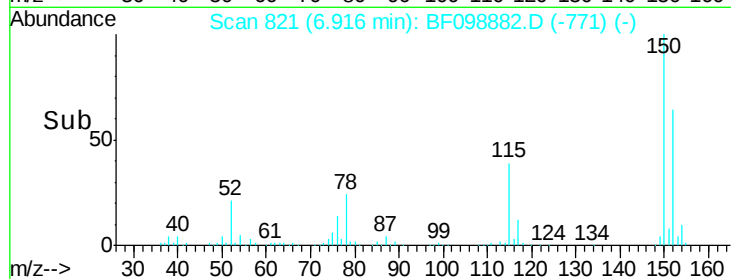
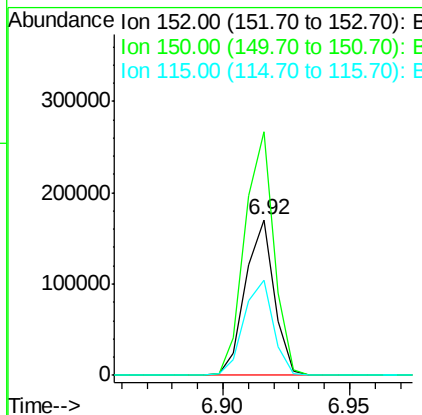
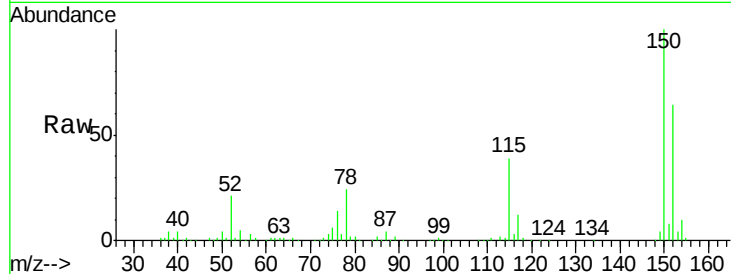


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Instrument :
 BNA_F
 ClientSampleId :

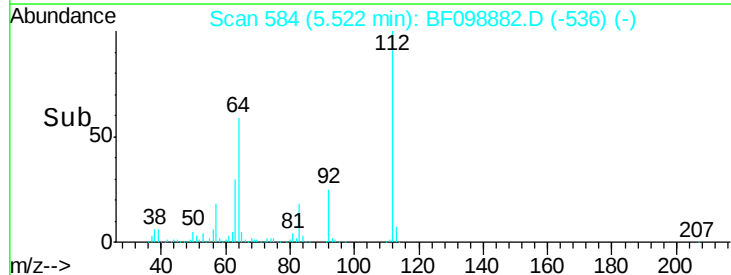
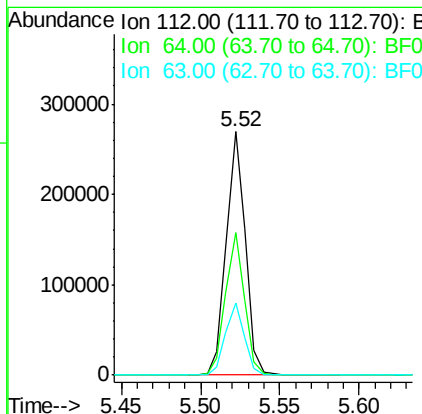
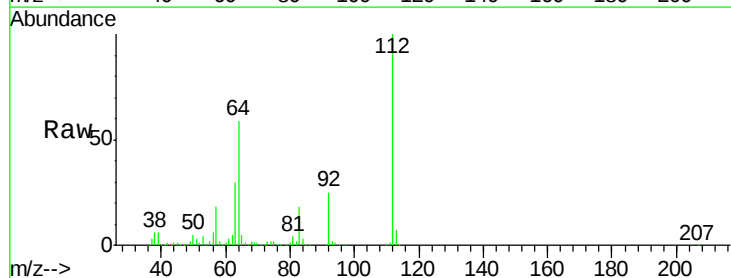
Tot Ion:152 Resp: 134761
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.8 50.1 75.1

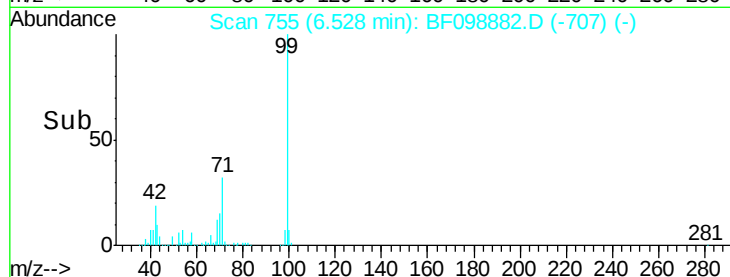
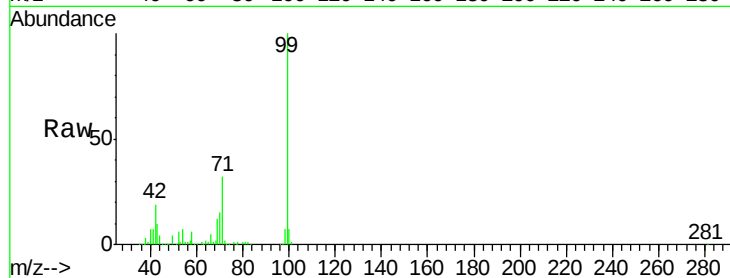
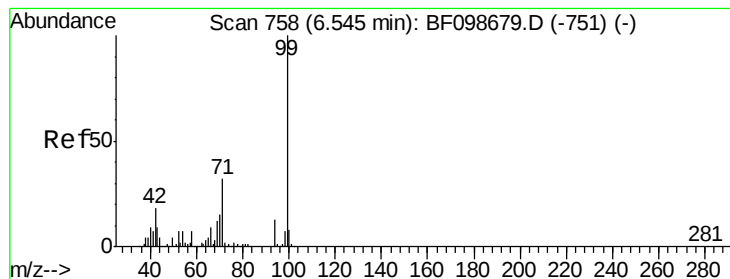


#5

2-Fluorophenol
 Concen: 26.46 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Tgt Ion:112 Resp: 224029
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 26.69 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampleId :

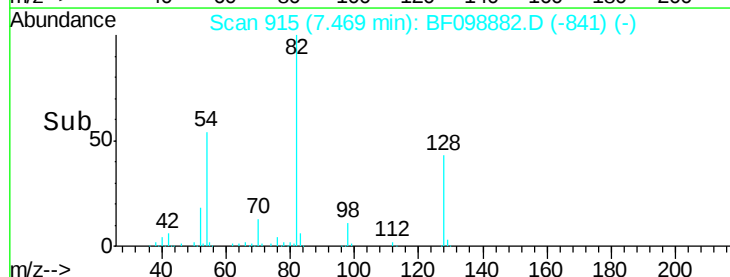
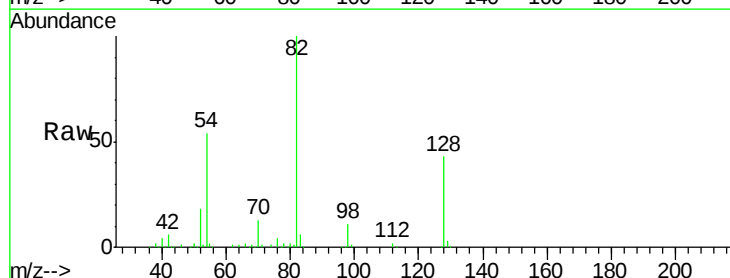
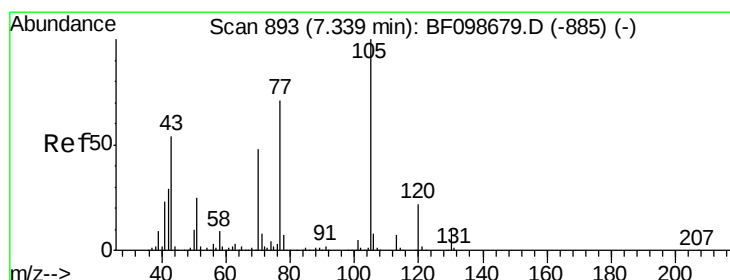
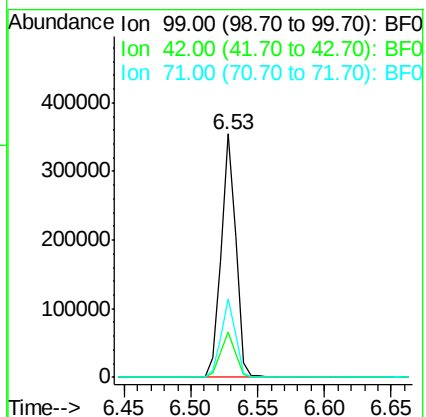
Tot Ion: 99 Resp: 278728

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.07 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Tgt Ion: 70 Resp: 20502

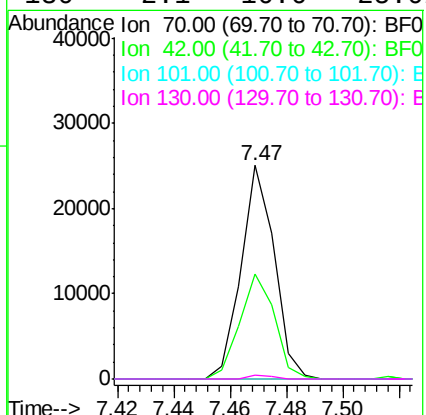
Ion Ratio Lower Upper

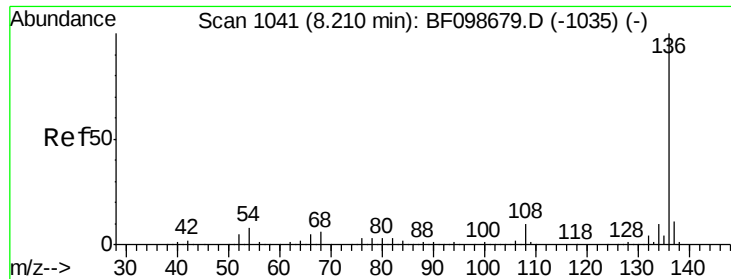
70 100

42 49.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 550084

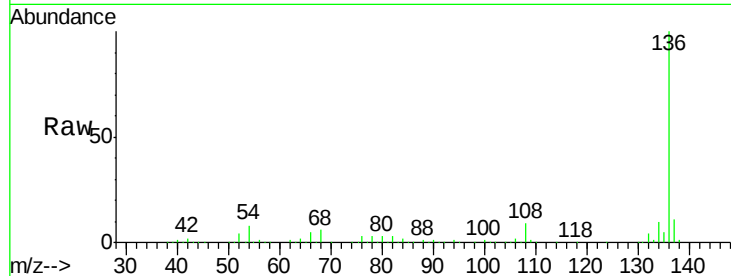
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

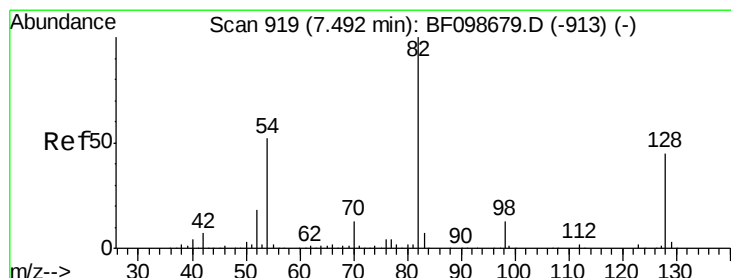
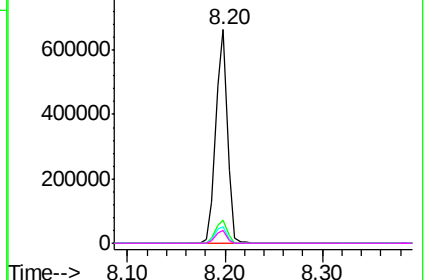
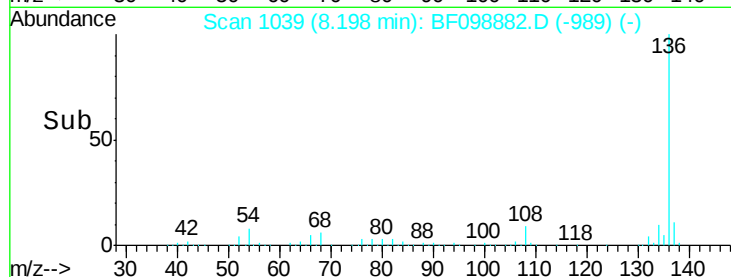


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.88 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

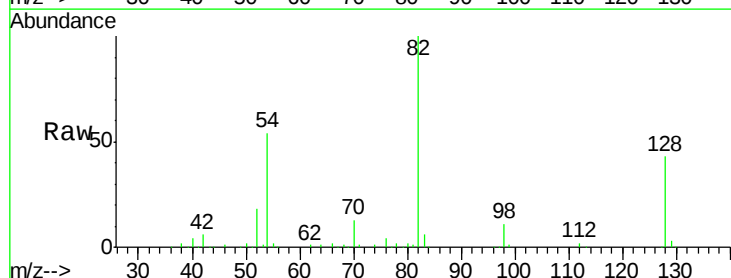
Tgt Ion: 82 Resp: 161913

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

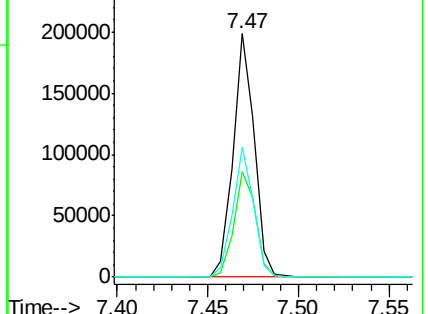
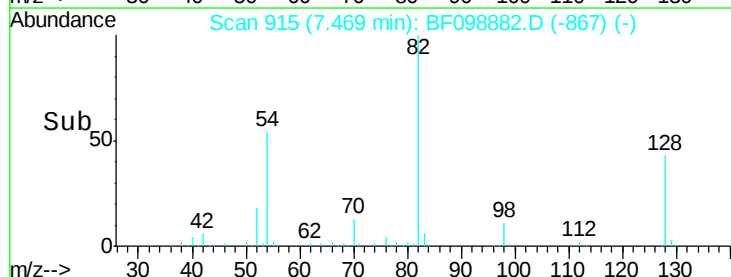
54 53.5 41.4 62.2

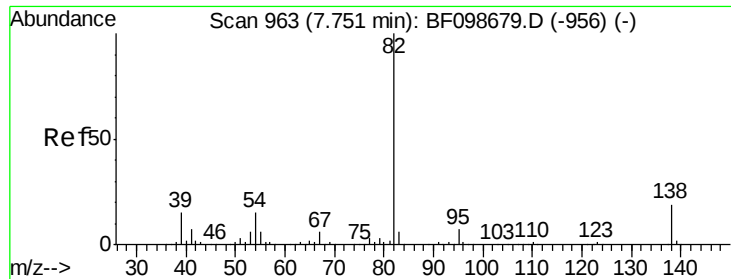


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

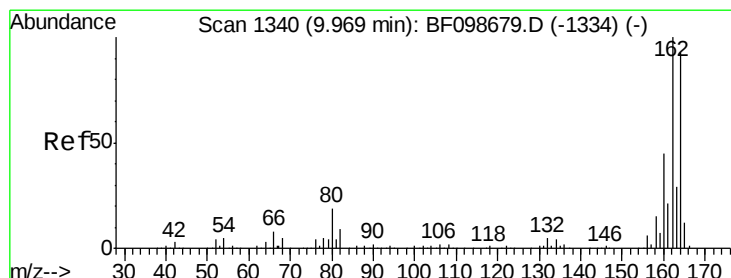
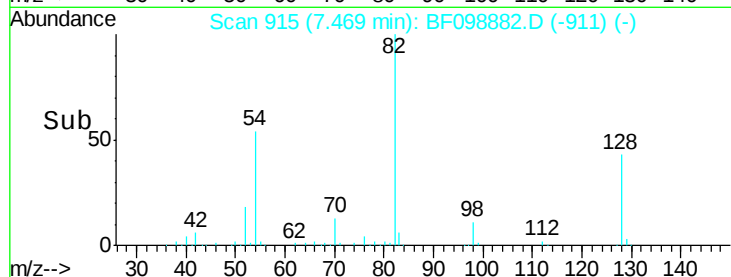
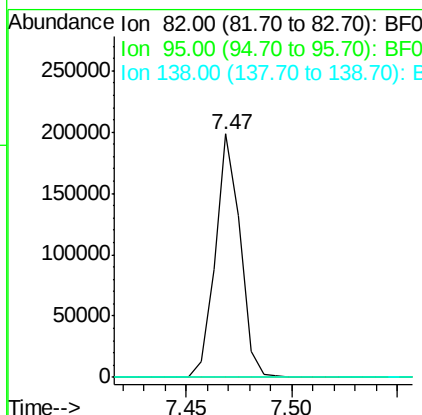
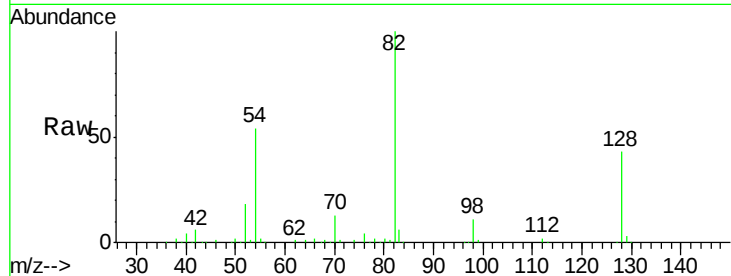




#25
Isophorone
Concen: 9.11 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

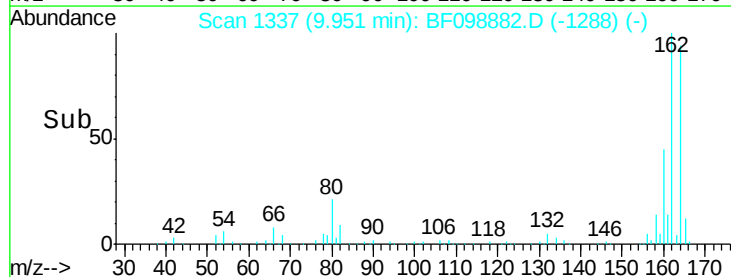
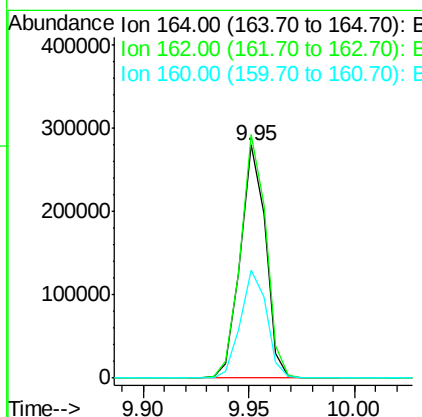
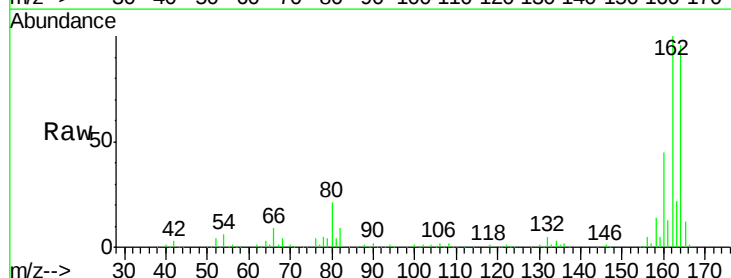
Instrument :
BNA_F
ClientSampleId :

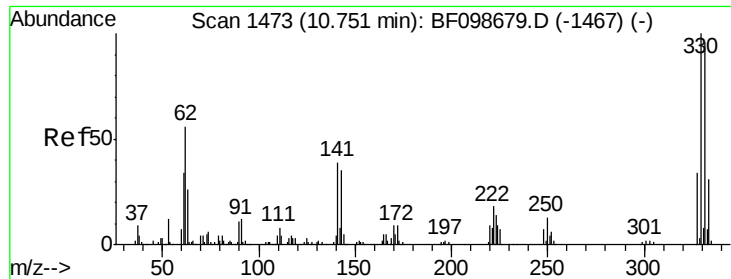
Tot Ion: 82 Resp: 161640
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

Tgt Ion:164 Resp: 231092
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.5 38.3 57.5

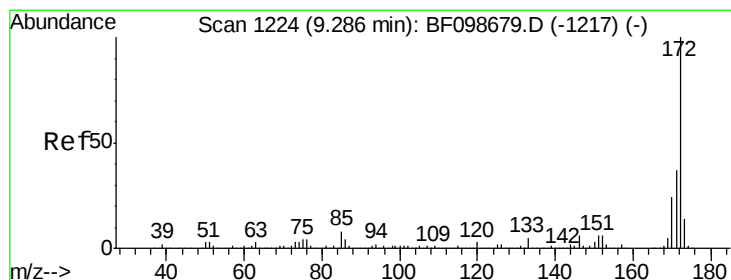
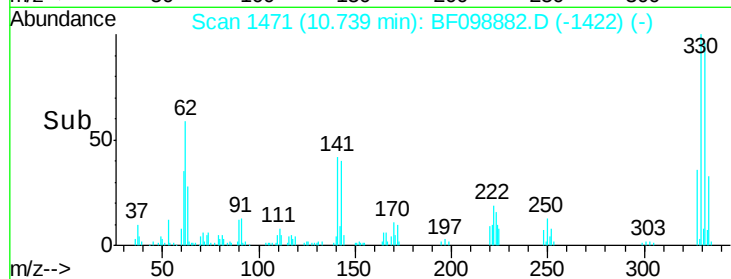
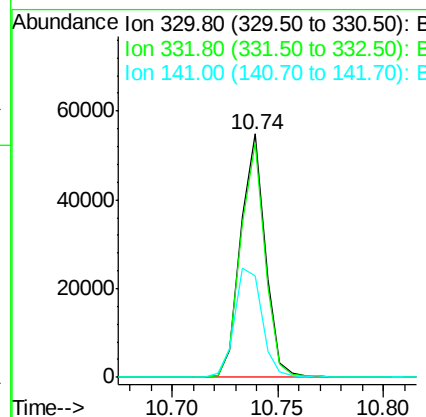
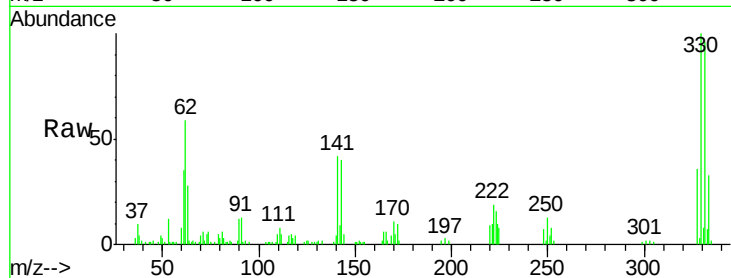




#41
 2,4,6-Tribromophenol
 Concen: 23.17 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

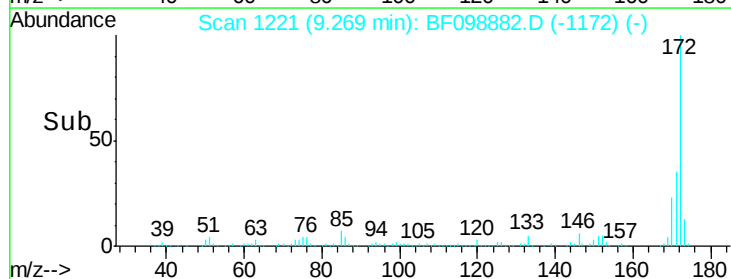
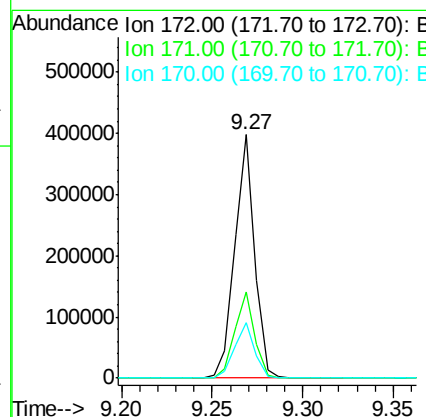
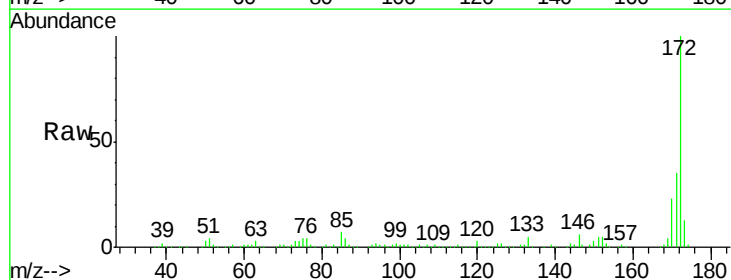
Instrument :
 BNA_F
 ClientSampleId :

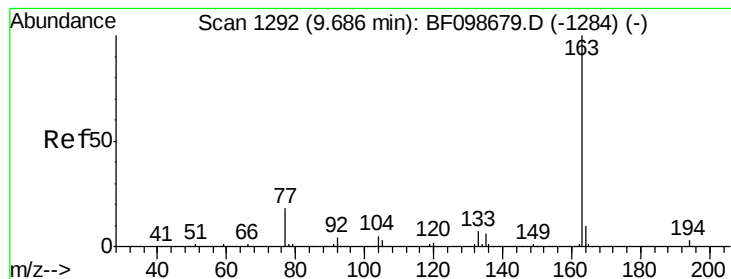
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	50.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 21.97 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.0	19.6	29.4





#49

Dimethylphthalate

Concen: 2.88 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampleId :

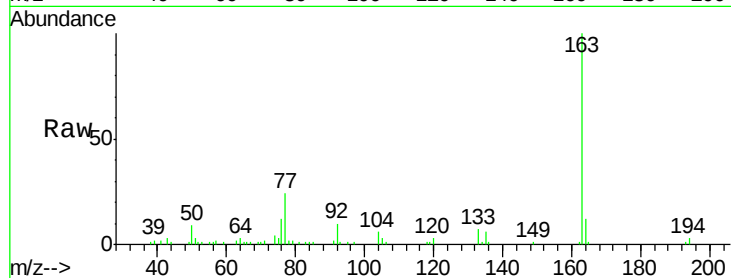
Tot Ion:163 Resp: 50269

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

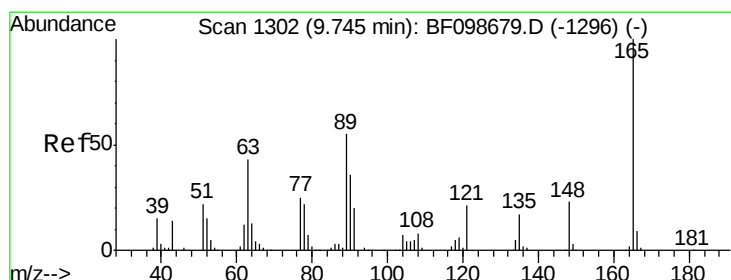
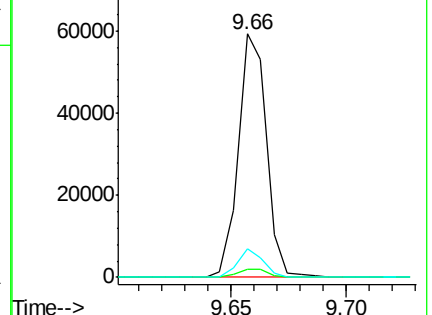
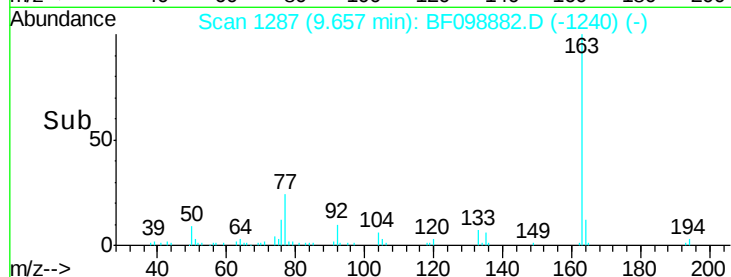
164 11.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.65 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

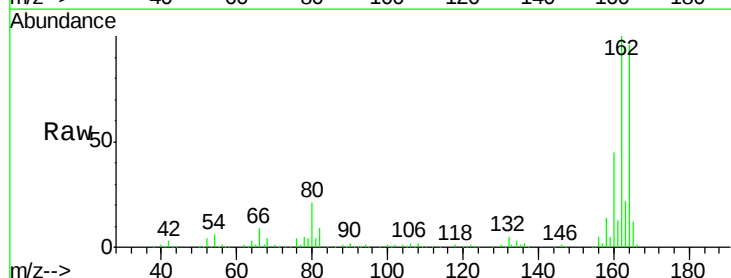
Tgt Ion:165 Resp: 29046

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

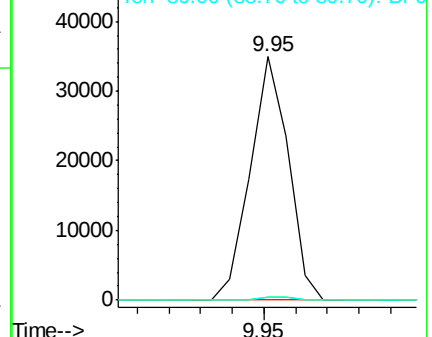
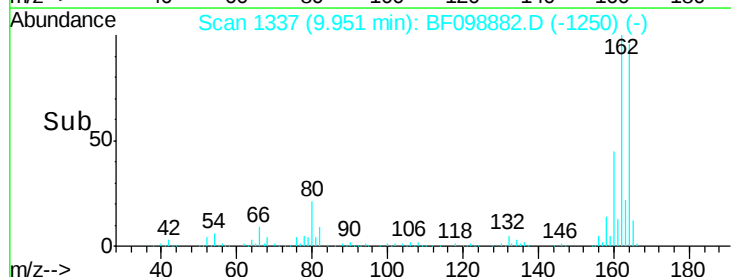
89 1.5 44.0 66.0#

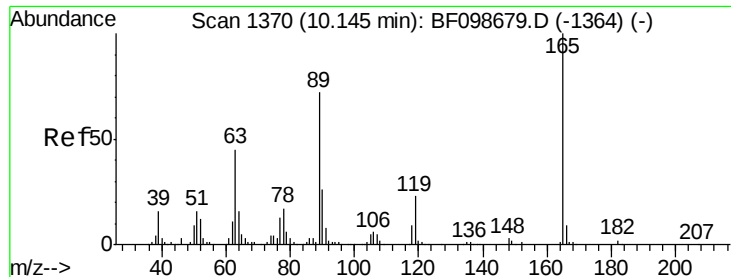


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

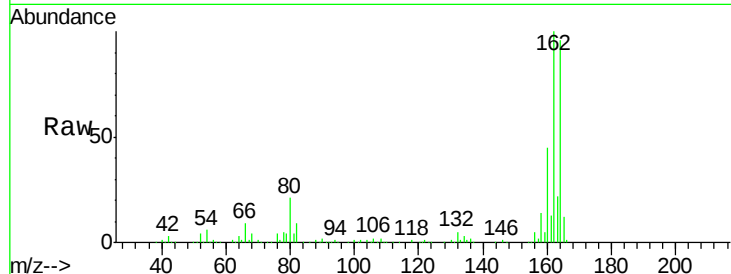




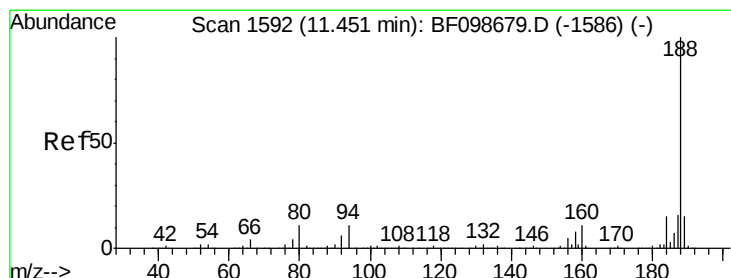
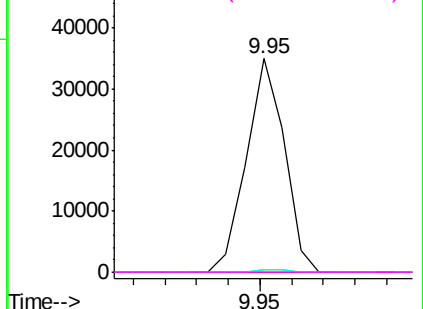
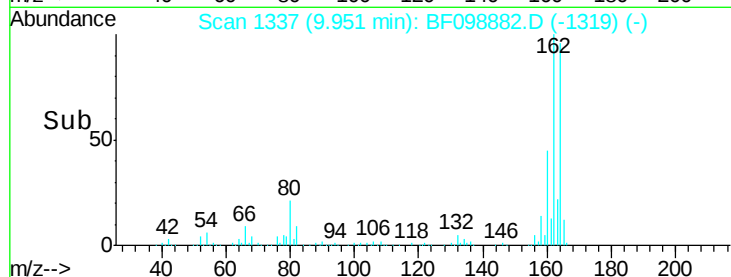
#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 29046
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

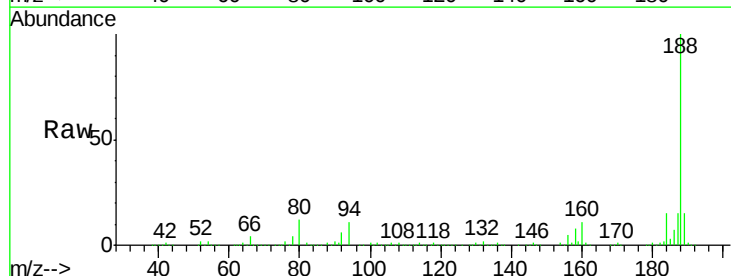


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

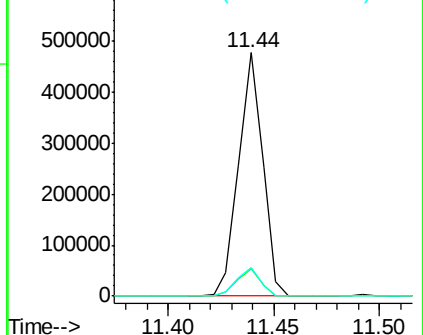
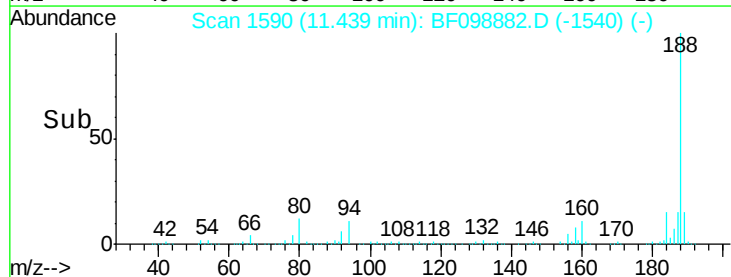


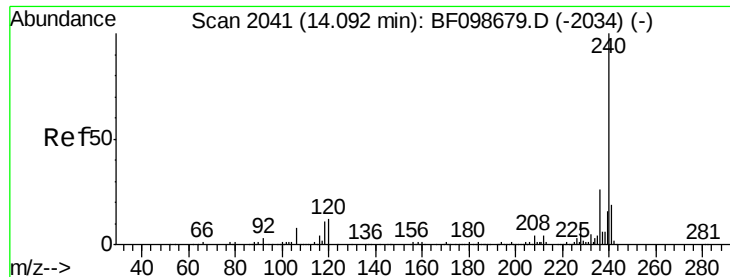
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Tgt Ion:188 Resp: 376439
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 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: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampleId :

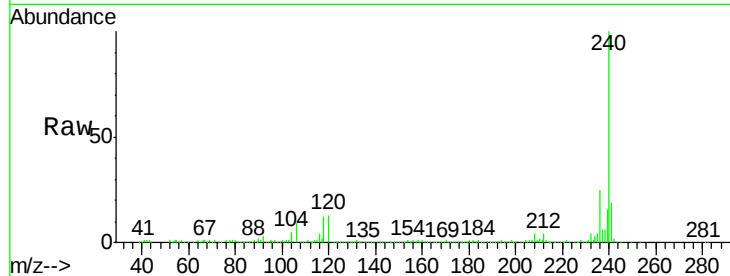
Tot Ion:240 Resp: 301751

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

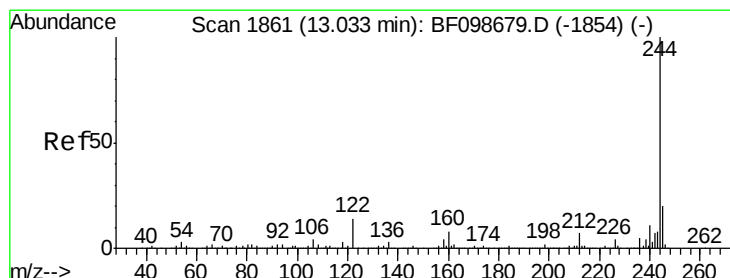
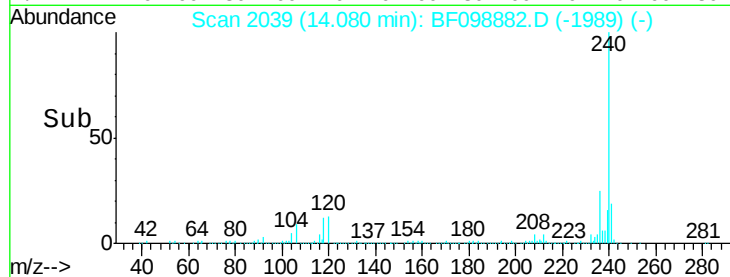
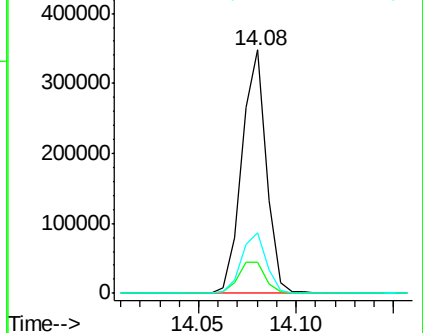
236 25.1 20.7 31.1



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: 18.29 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

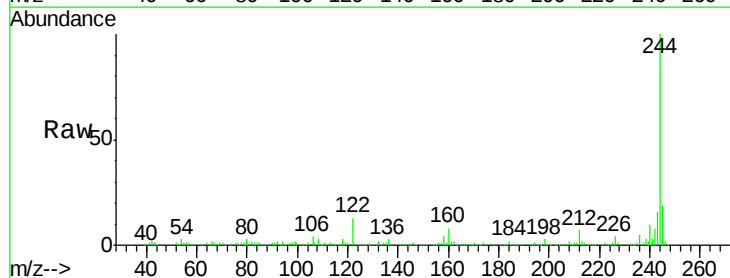
Tgt Ion:244 Resp: 242621

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

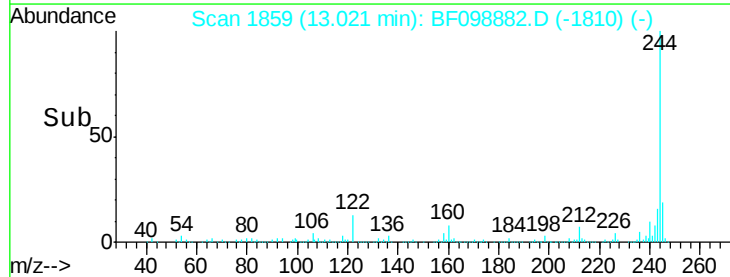
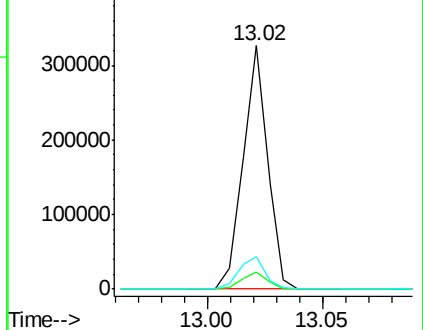
122 13.3 11.0 16.4

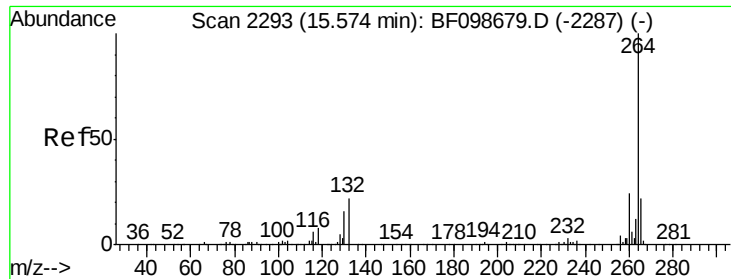


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlène-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

