

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098893.D
 Acq On : 28 Sep 2017 6:43
 Operator : SJ/JU
 Sample : I5443-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 07:44:26 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

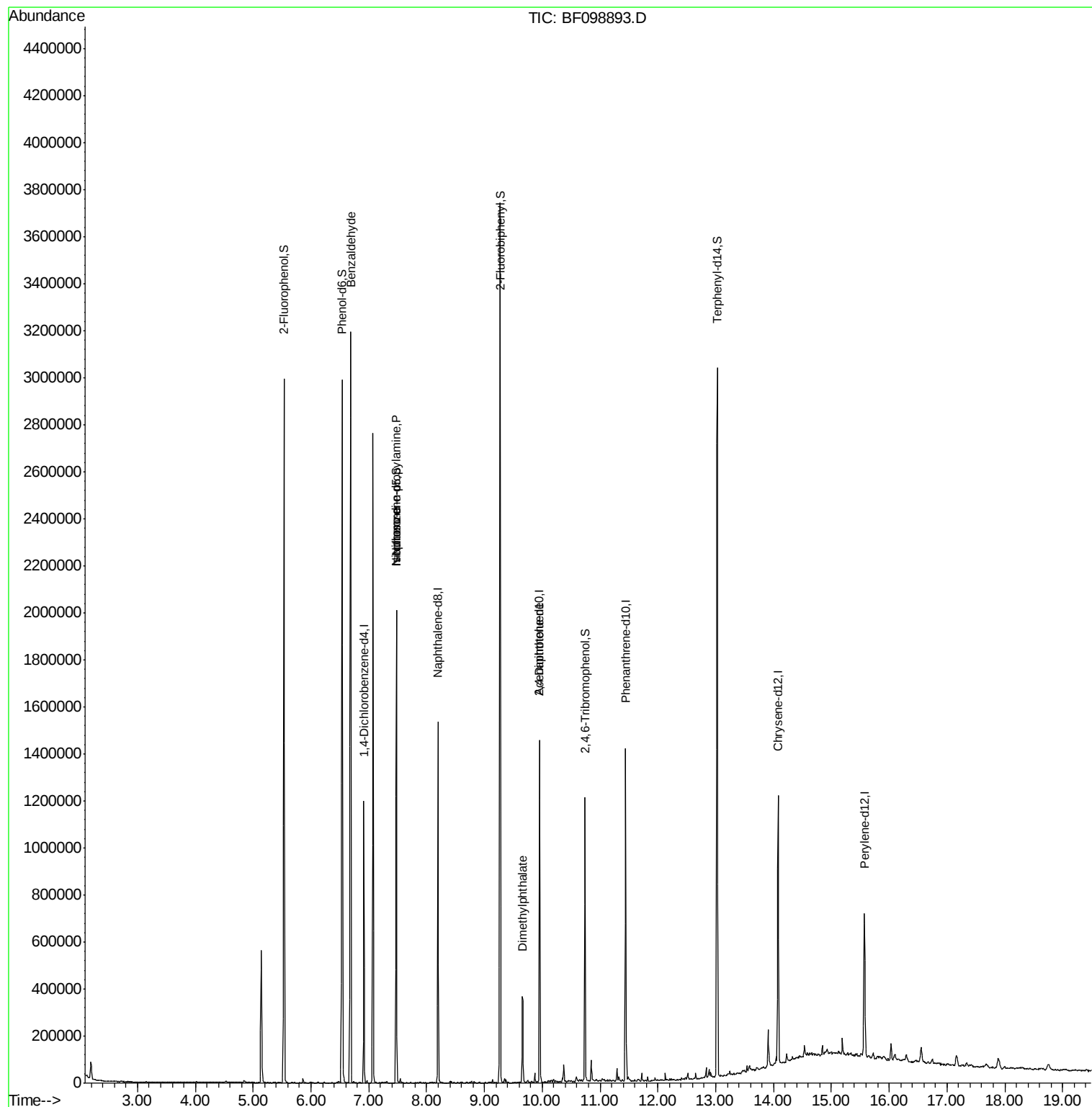
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159561	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	649347	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	278655	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	455180	20.00	ng	0.00
75) Chrysene-d12	14.08	240	350852	20.00	ng	0.00
86) Perylene-d12	15.57	264	254222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	857381	85.54	ng	0.00
7) Phenol-d6	6.54	99	1142655	92.41	ng	0.00
23) Nitrobenzene-d5	7.47	82	707667	69.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	110830	48.61	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1222116	73.22	ng	0.00
78) Terphenyl-d14	13.03	244	974656	63.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	19644	2.74	ng	88
19) n-Nitroso-di-n-propylamine	7.47	70	93059	11.79	ng	# 79
25) Isophorone	7.47	82	705038	33.68	ng	# 64
49) Dimethylphthalate	9.66	163	147575	7.02	ng	99
56) 2,4-Dinitrotoluene	9.95	165	36151	6.08	ng	# 23

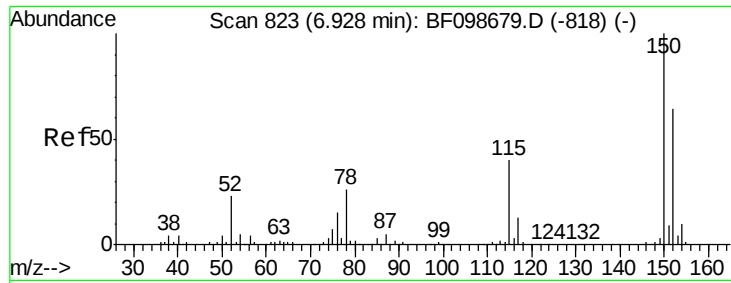
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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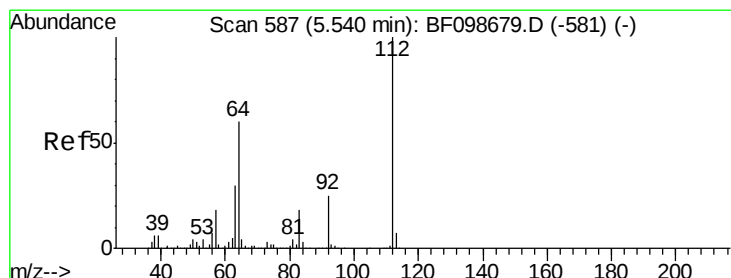
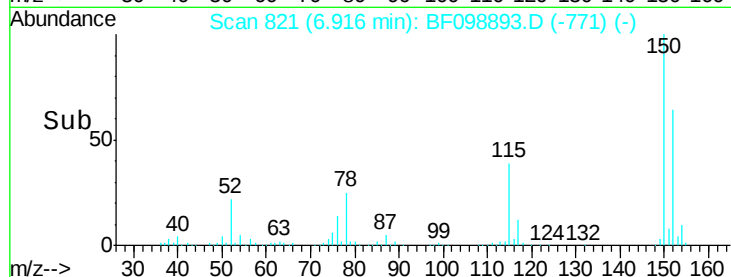
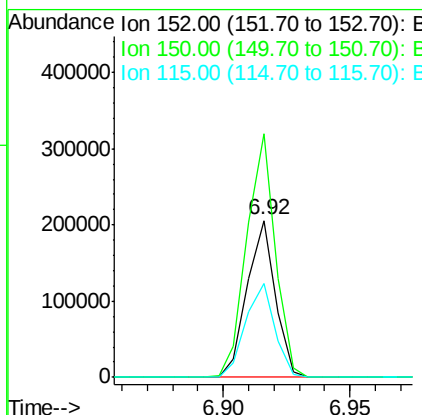
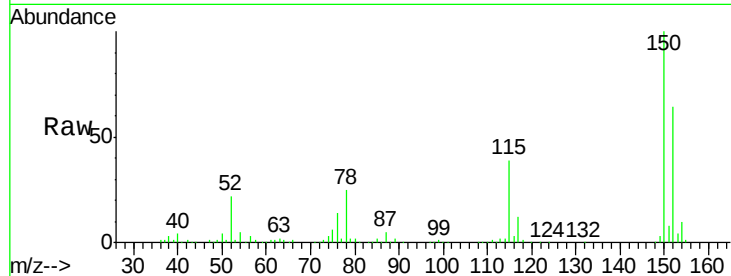




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

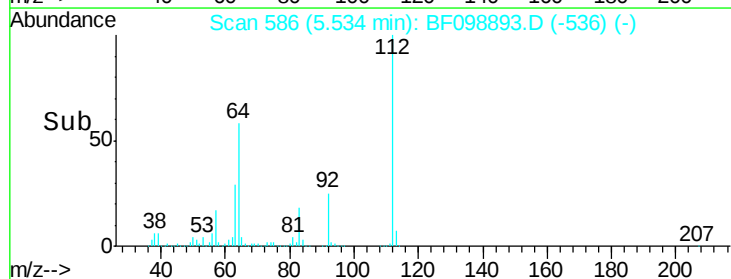
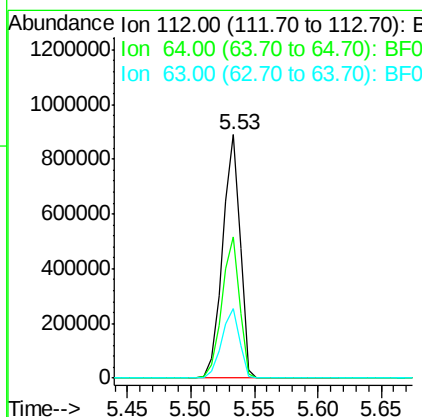
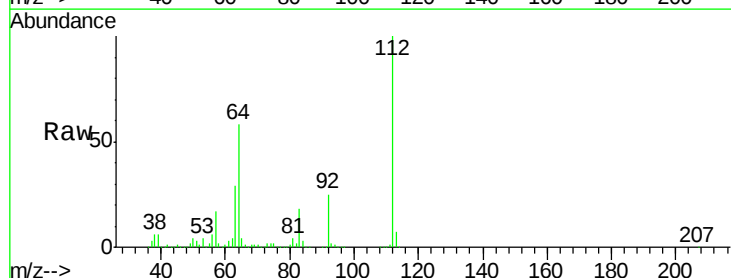
Instrument :
 BNA_F
 ClientSampleId :

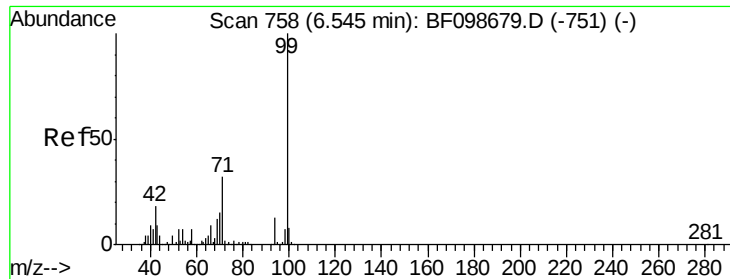
Tot Ion:152 Resp: 159561
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 60.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 85.54 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

Tgt Ion:112 Resp: 857381
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 92.41 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampled :

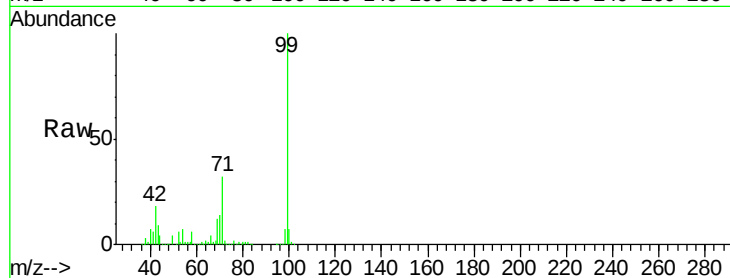
Tot Ion: 99 Resp: 1142655

Ion Ratio Lower Upper

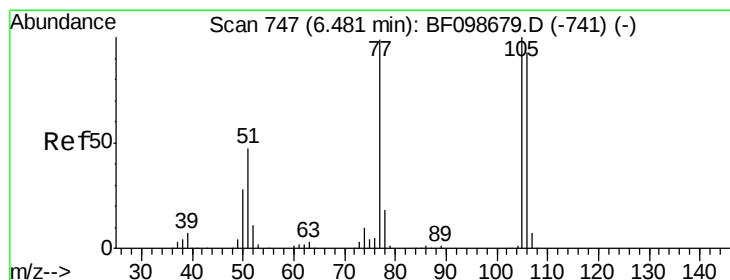
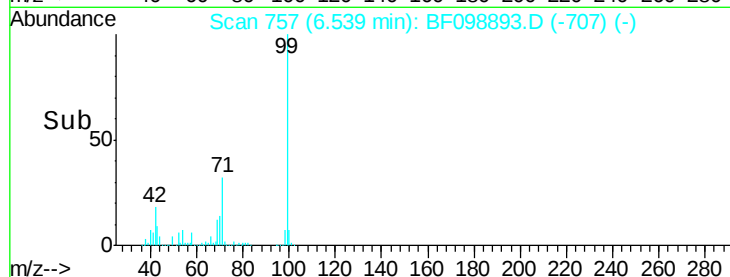
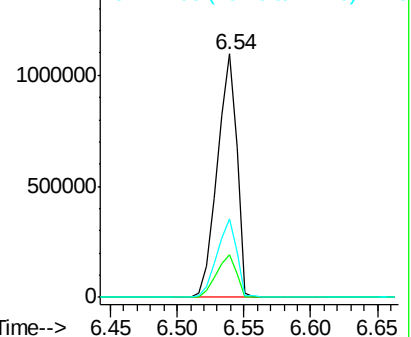
99 100

42 17.7 14.5 21.7

71 32.3 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



#9

Benzaldehyde

Concen: 2.74 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

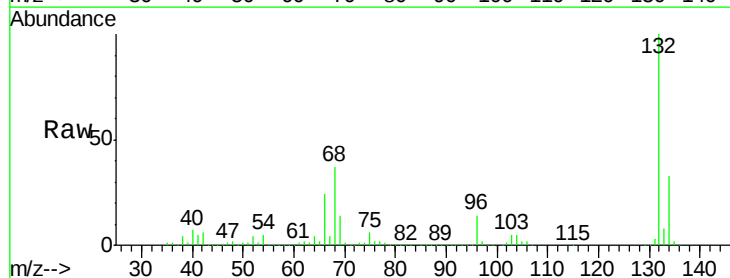
Tgt Ion: 77 Resp: 19644

Ion Ratio Lower Upper

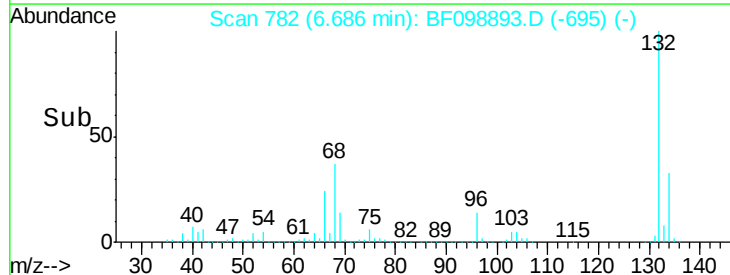
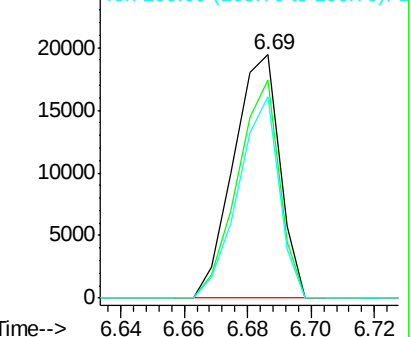
77 100

105 89.7 81.1 121.1

106 82.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

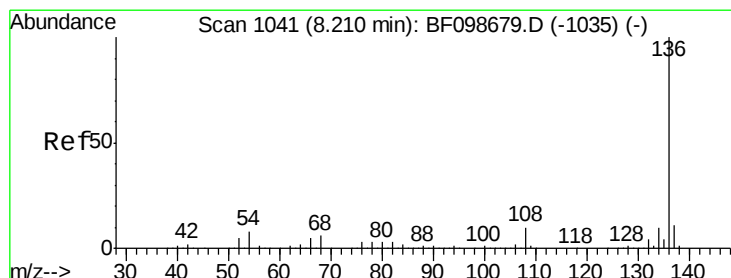
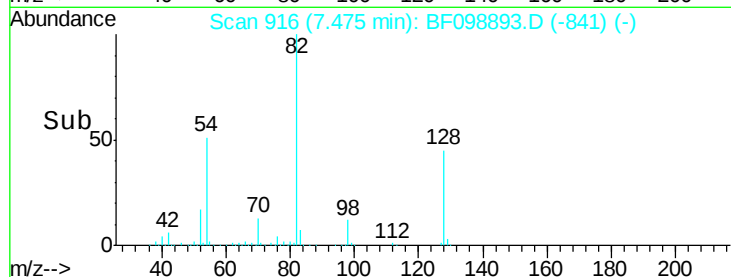
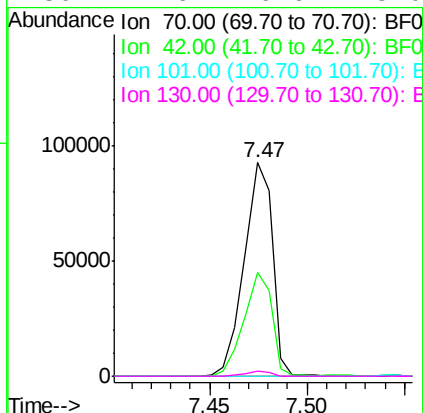
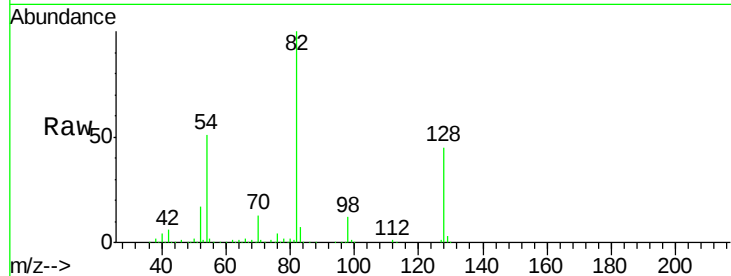




#19
n-Nitroso-di-n-propylamine
Concen: 11.79 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098893.D
Acq: 28 Sep 2017 6:43

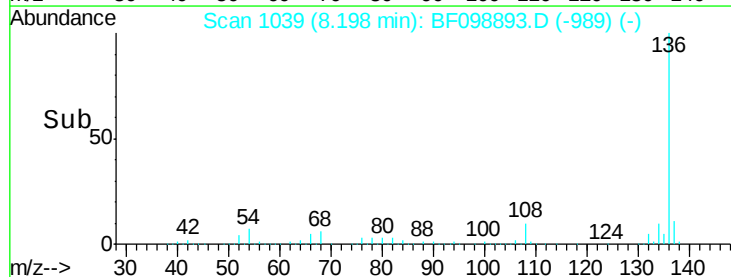
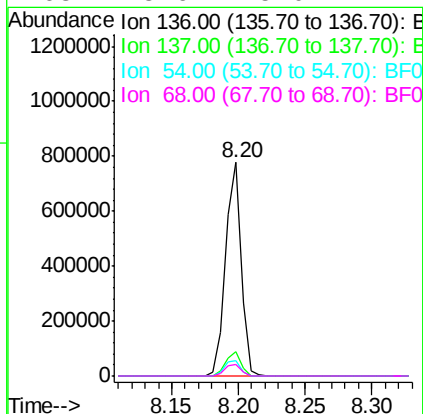
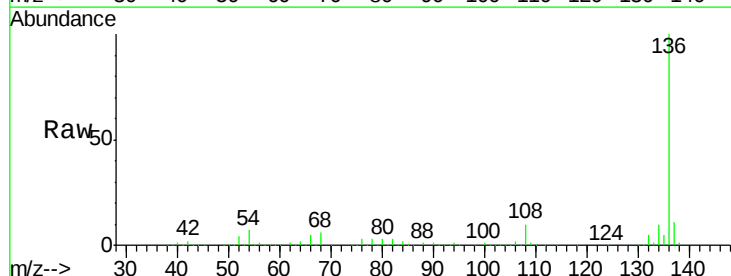
Instrument :
BNA_F
ClientSampled :

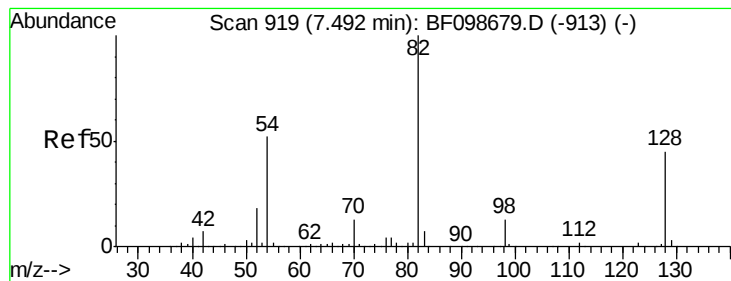
Tot Ion: 70 Resp: 93059
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098893.D
Acq: 28 Sep 2017 6:43

Tgt Ion:136 Resp: 649347
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.89 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampled :

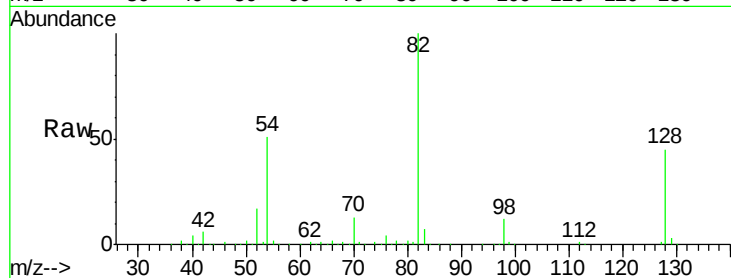
Tot Ion: 82 Resp: 707667

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

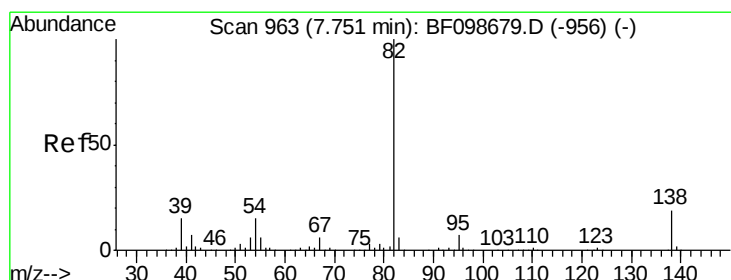
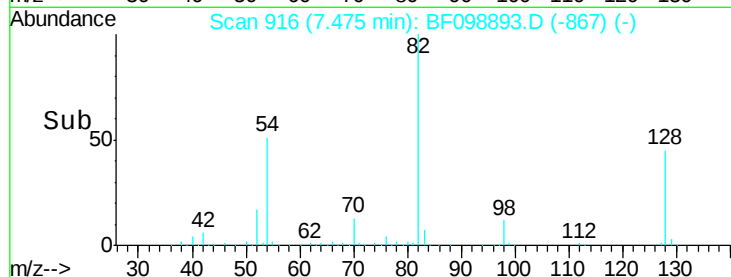
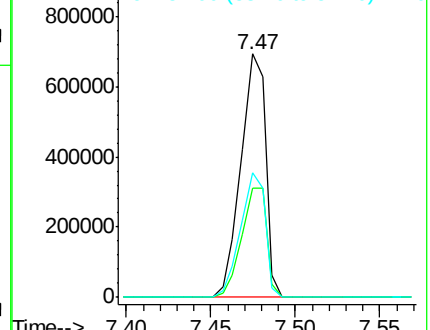
54 51.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.68 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

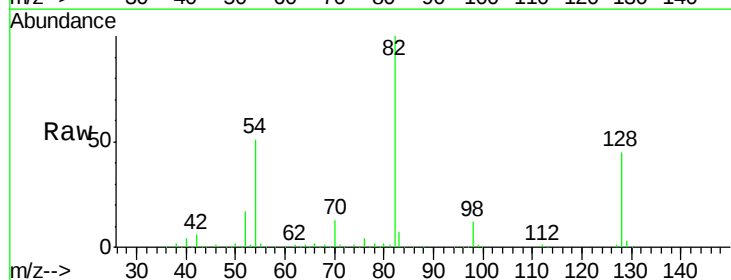
Tgt Ion: 82 Resp: 705038

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

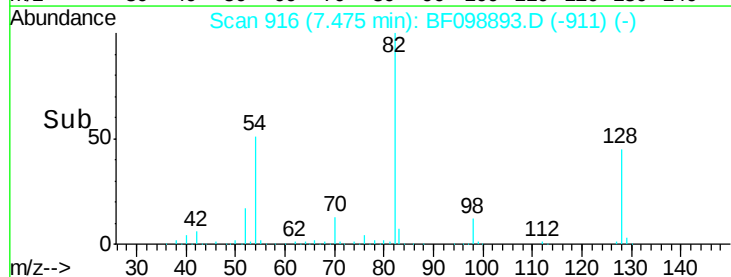
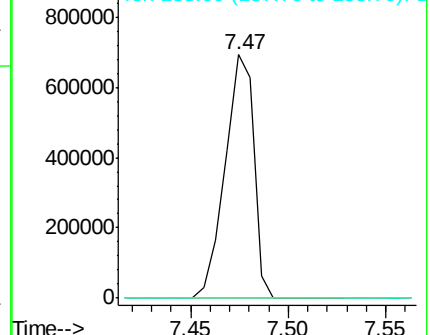
138 0.0 14.9 22.3#

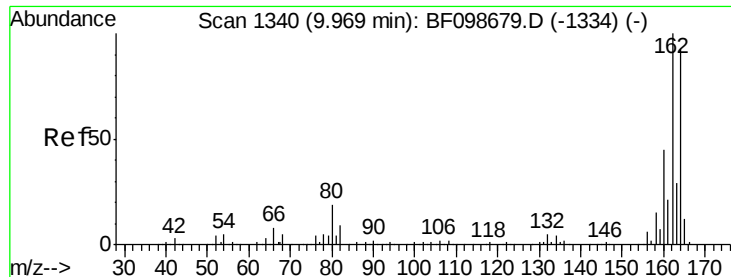


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampleId :

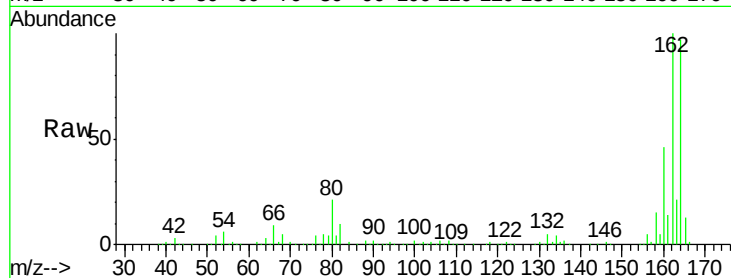
Tot Ion:164 Resp: 278655

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

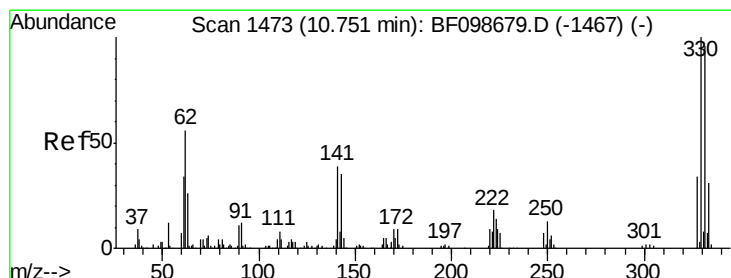
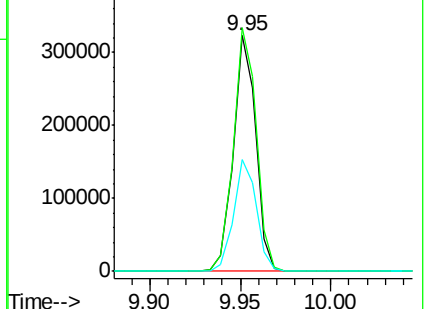
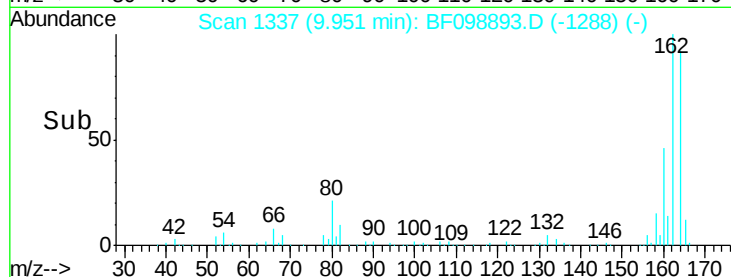
160 47.1 38.3 57.5



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: 48.61 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

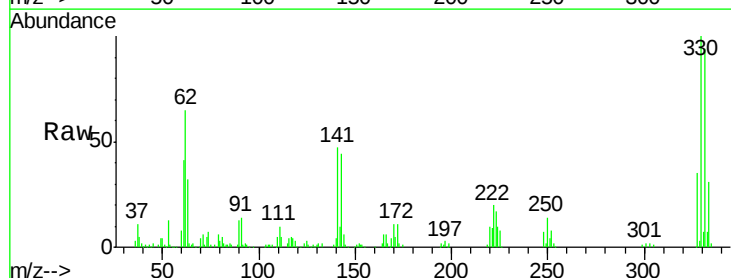
Tgt Ion:330 Resp: 110830

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

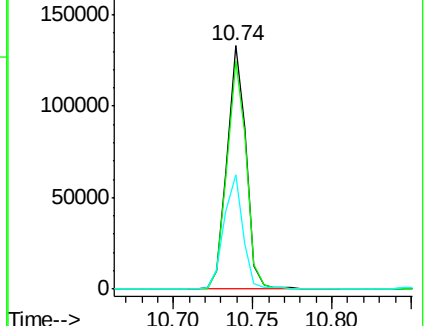
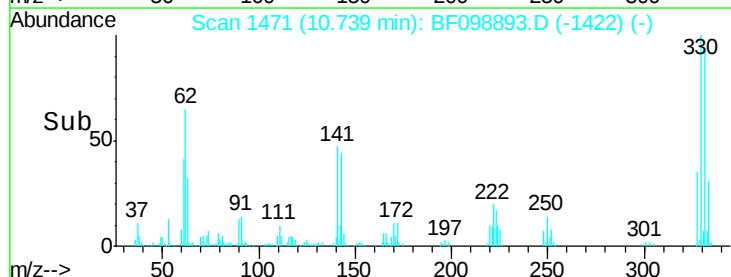
141 46.6 29.9 44.9#

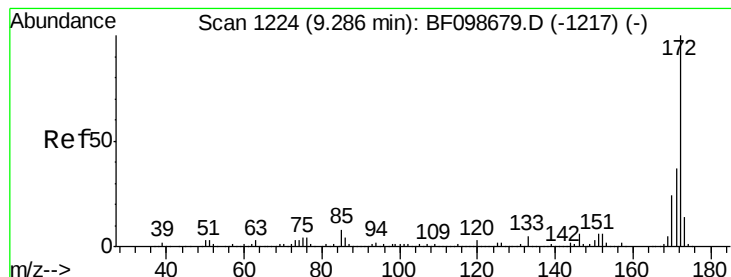


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.22 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

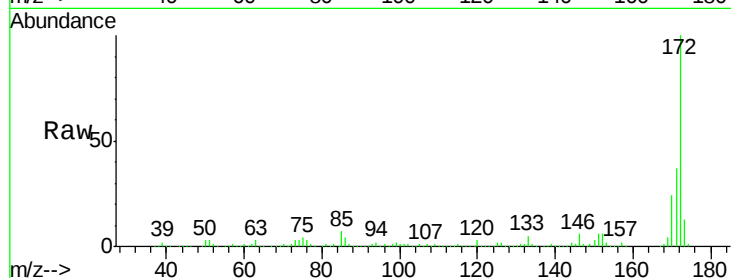
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1222116

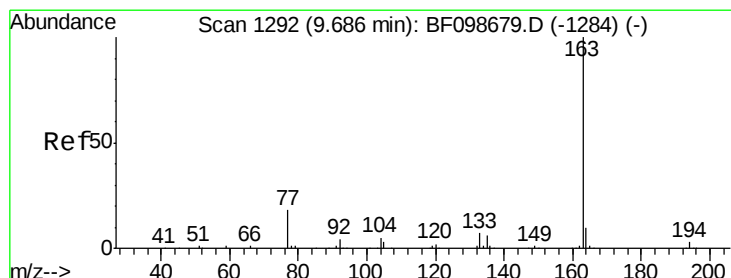
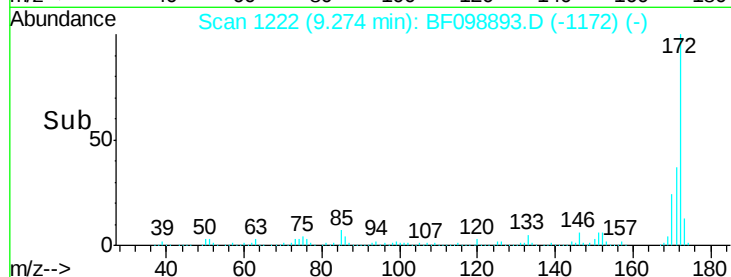
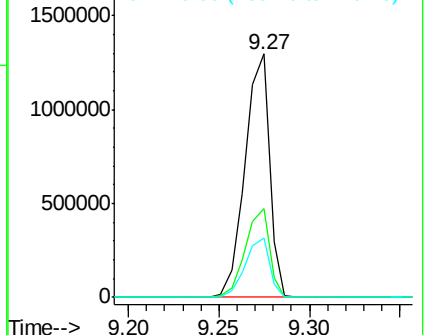
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



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: 7.02 ng

RT: 9.66 min Scan# 1288

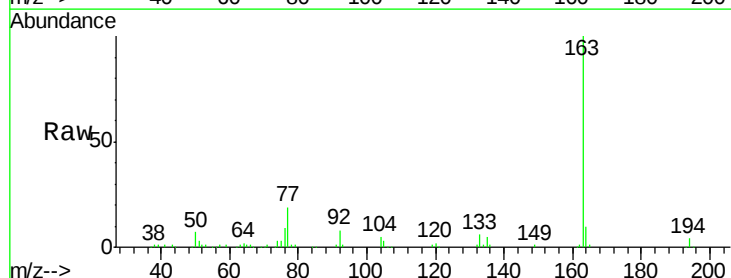
Delta R.T. -0.02 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Tgt Ion:163 Resp: 147575

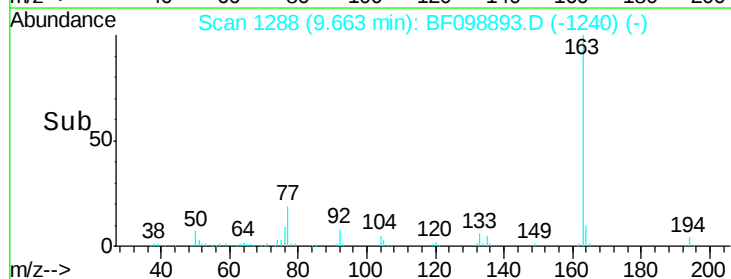
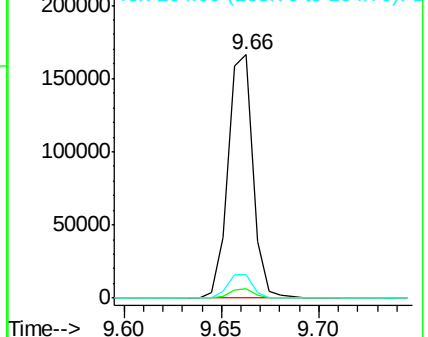
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

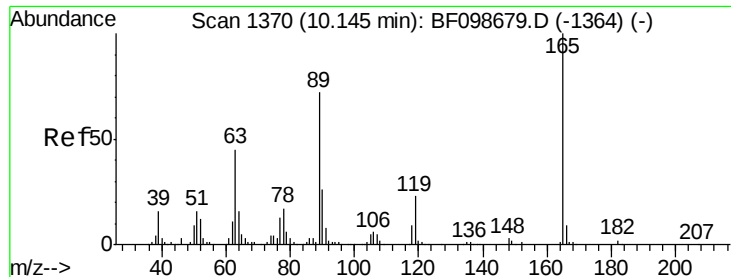


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

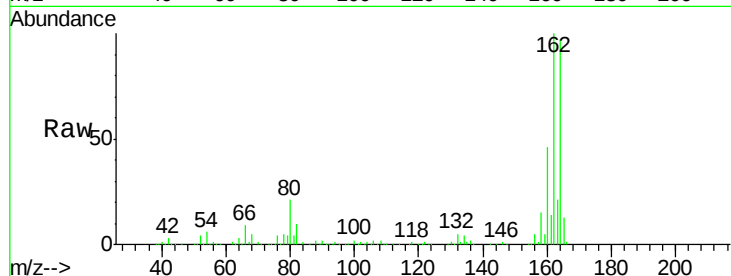




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

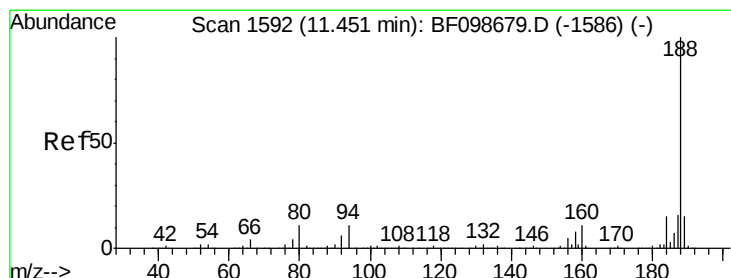
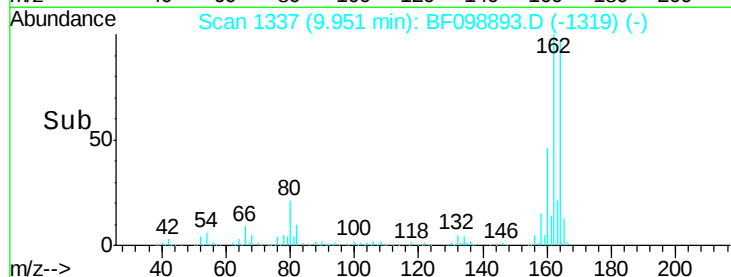
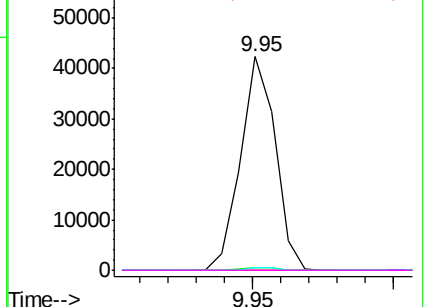


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

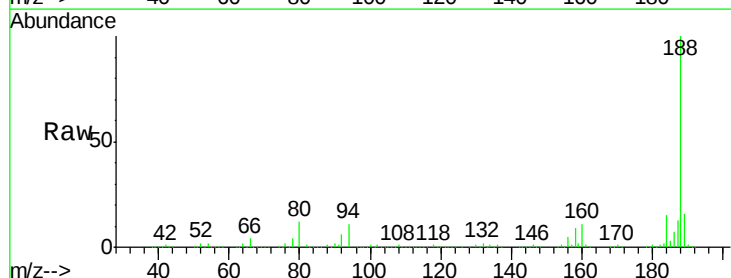
Ion 89.00 (88.70 to 89.70): BF0

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: BF098893.D
 Acq: 28 Sep 2017 6:43

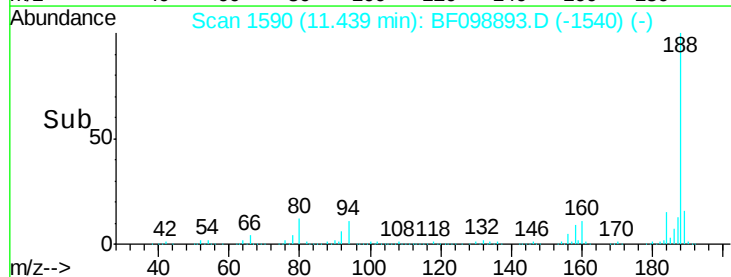
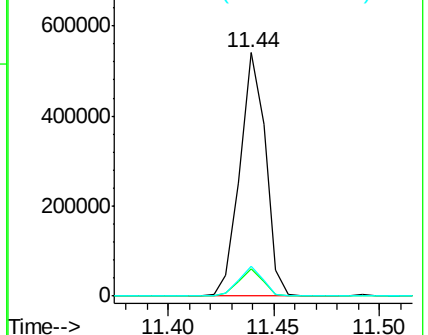
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.3	9.2	13.8

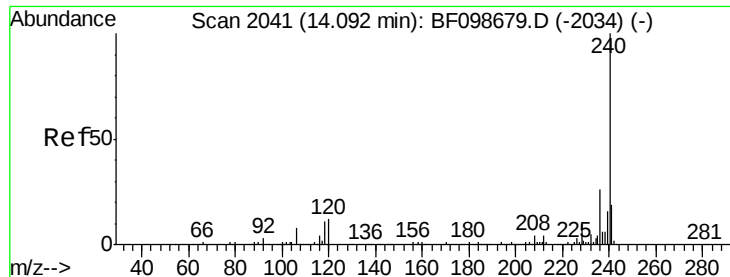


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampleId :

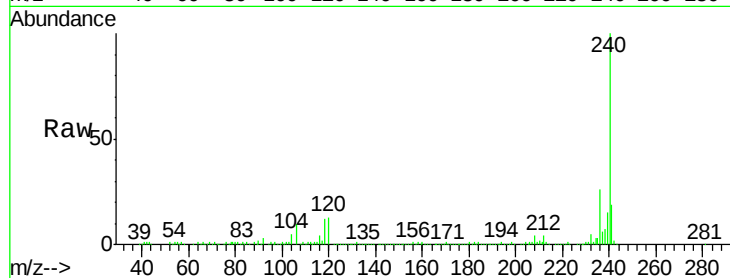
Tot Ion:240 Resp: 350852

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

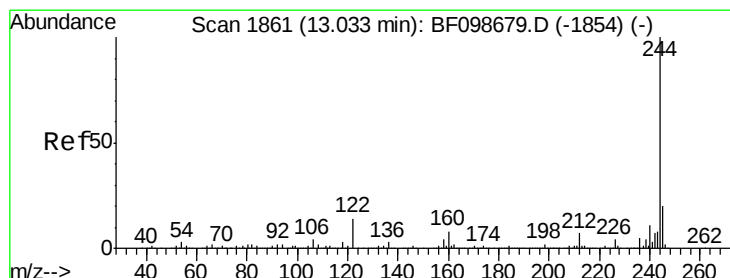
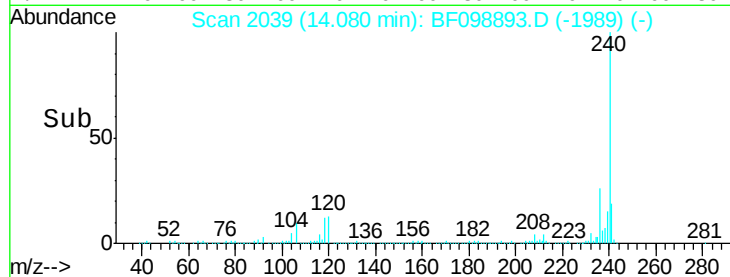
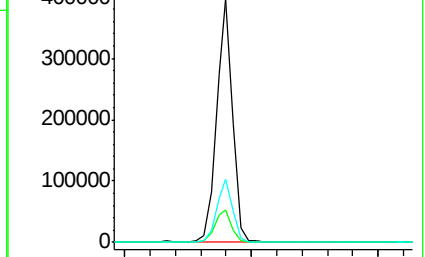
236 26.2 20.7 31.1



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: 63.18 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

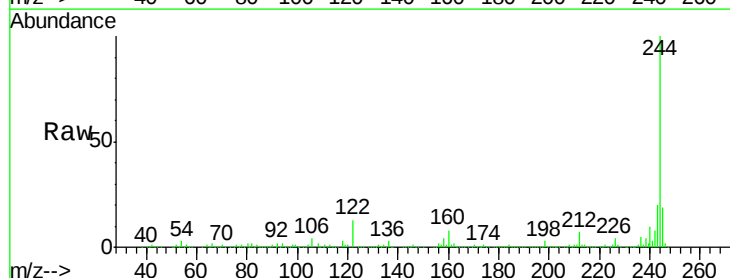
Tgt Ion:244 Resp: 974656

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

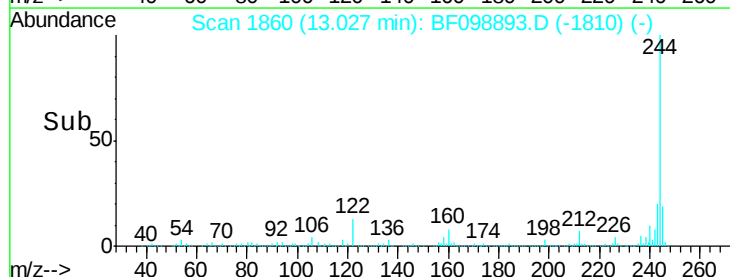
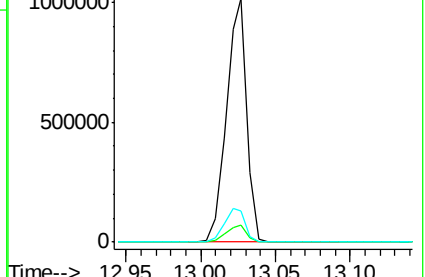
122 12.9 11.0 16.4

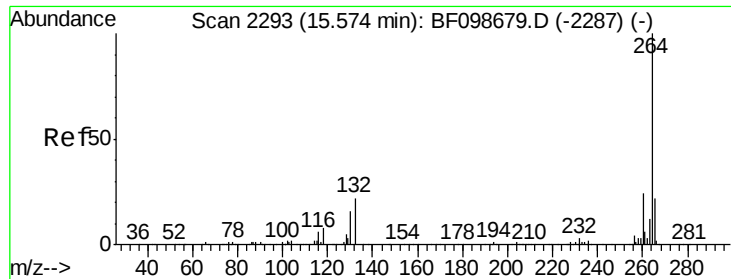


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

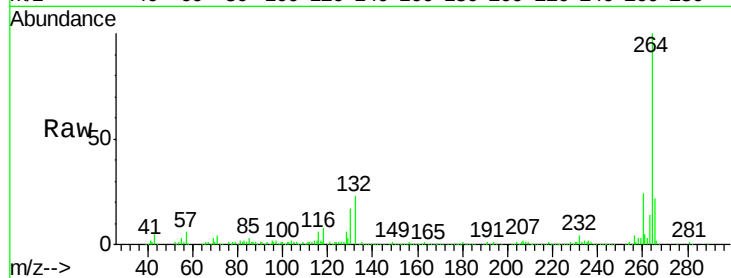




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098893.D
Acq: 28 Sep 2017 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 254222
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

