

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098890.D
 Acq On : 28 Sep 2017 4:05
 Operator : SJ/JU
 Sample : I5396-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 06:11:17 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

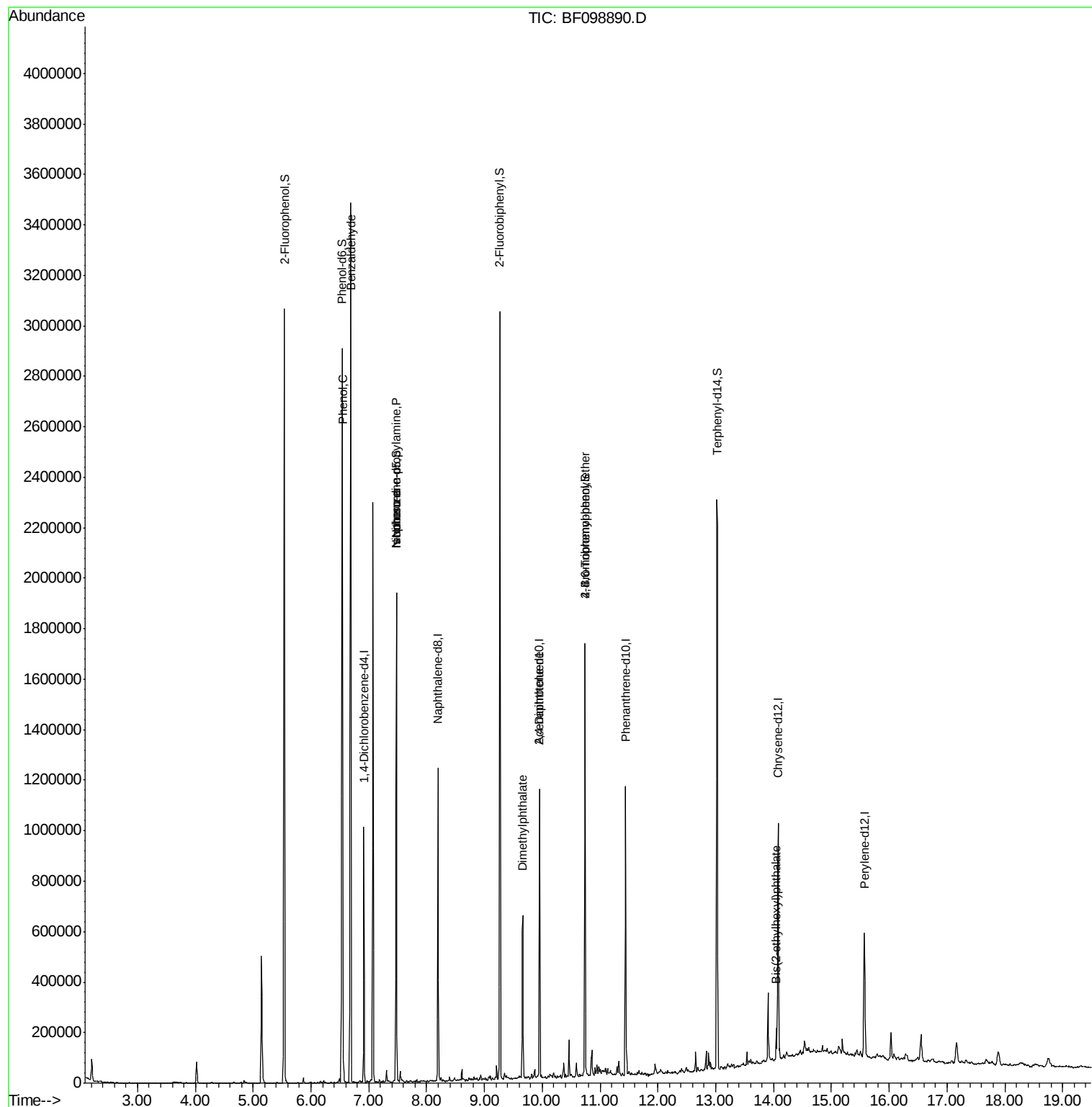
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	127796	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	517637	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	217450	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	352920	20.00	ng	0.00
75) Chrysene-d12	14.08	240	277693	20.00	ng	0.00
86) Perylene-d12	15.57	264	202991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	956302	119.12	ng	0.00
7) Phenol-d6	6.54	99	1169063	118.05	ng	0.00
23) Nitrobenzene-d5	7.47	82	659734	81.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	184757	103.84	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	923524	70.90	ng	-0.01
78) Terphenyl-d14	13.02	244	736738	60.34	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	20408	3.55	ng	85
10) Phenol	6.55	94	37340	3.37	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	89346	14.13	ng	# 78
25) Isophorone	7.47	82	657152	39.38	ng	# 64
49) Dimethylphthalate	9.66	163	229684	13.99	ng	100
56) 2,4-Dinitrotoluene	9.95	165	28211	6.08	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	12764	3.69	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.05	149	36111	2.64	ng	# 96

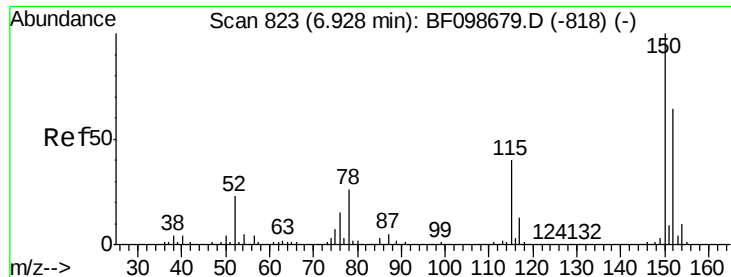
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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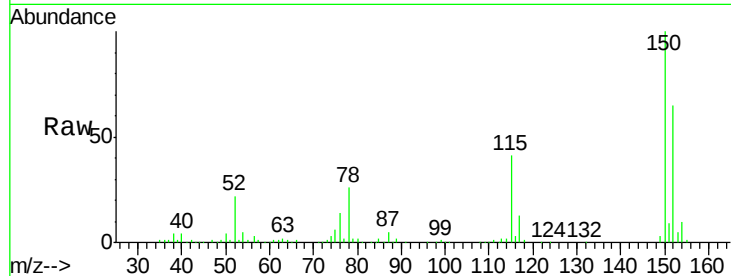


#1

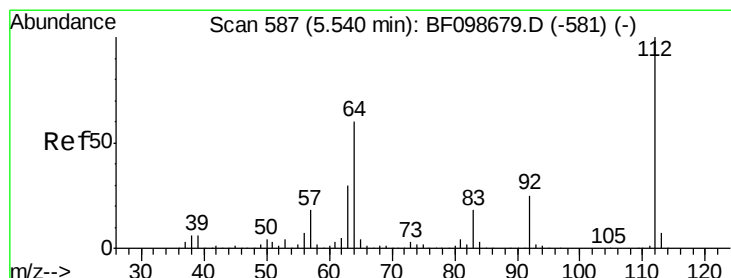
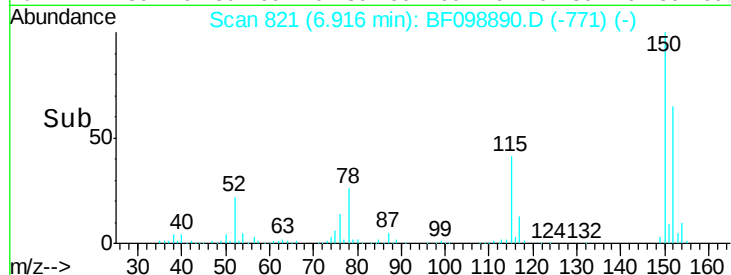
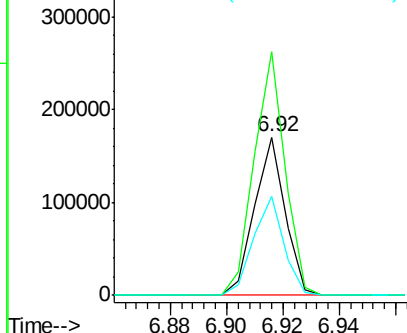
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127796
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 62.4 50.1 75.1



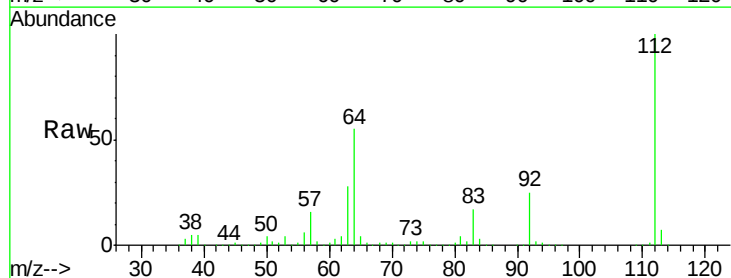
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



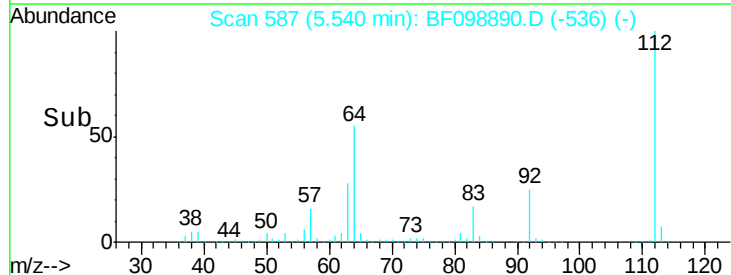
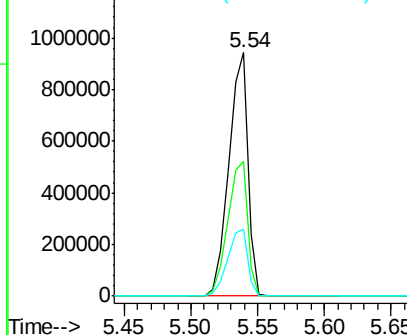
#5

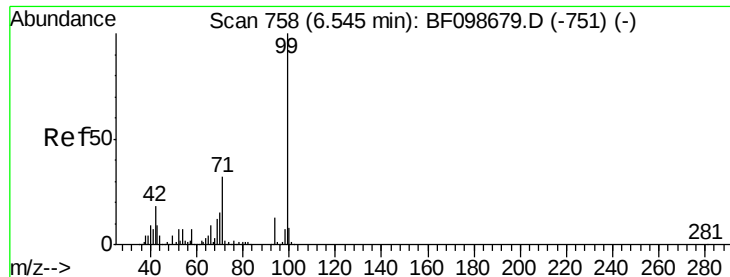
2-Fluorophenol
Concen: 119.12 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Tgt Ion:112 Resp: 956302
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.05 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

Instrument :

BNA_F

ClientSampled :

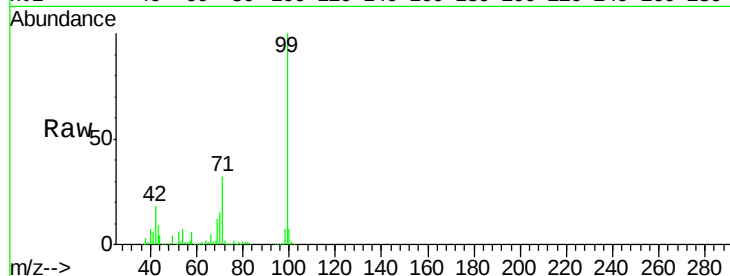
Tot Ion: 99 Resp: 1169063

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

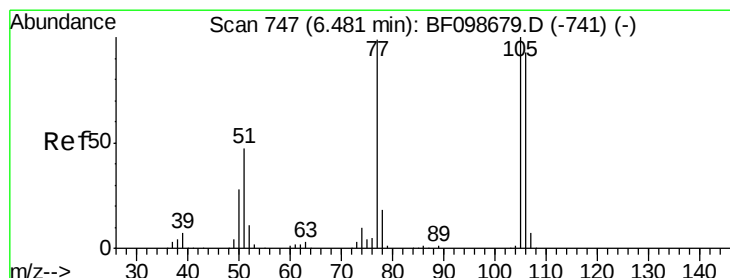
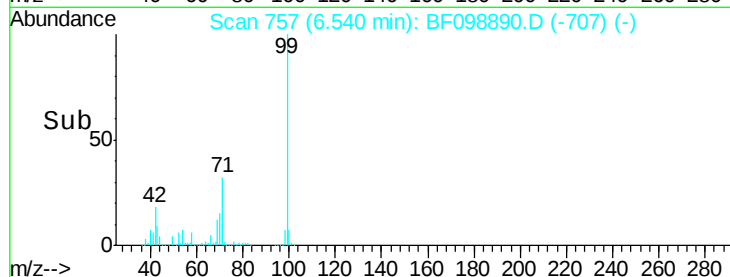
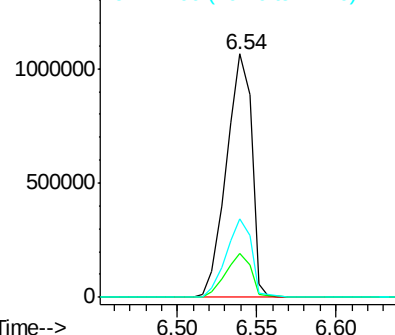
71 32.0 25.4 38.0



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: 3.55 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

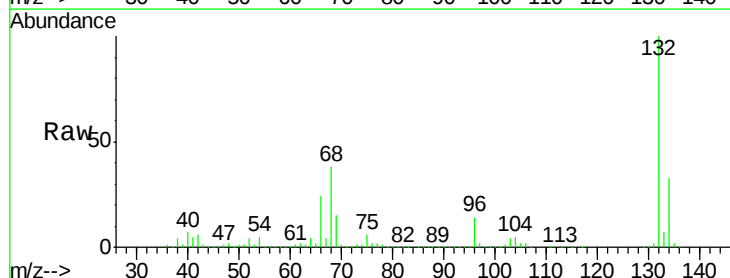
Tgt Ion: 77 Resp: 20408

Ion Ratio Lower Upper

77 100

105 87.4 81.1 121.1

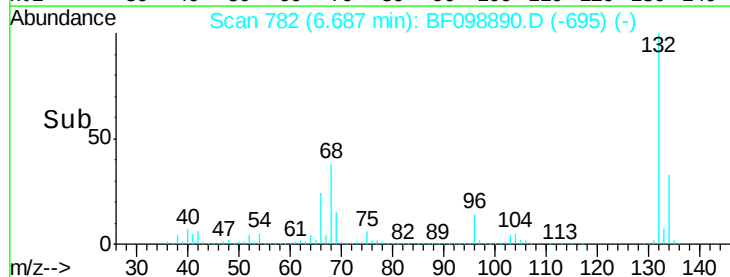
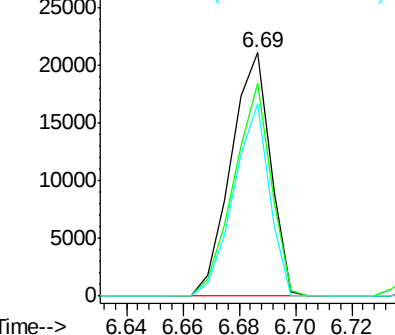
106 78.9 74.5 114.5

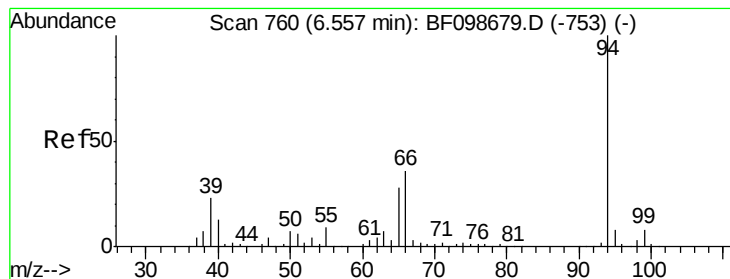


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.37 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

Instrument :

BNA_F

ClientSampled :

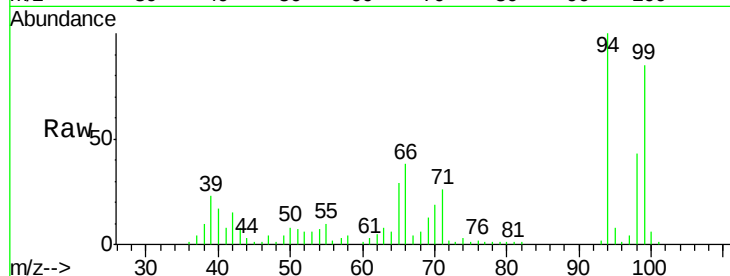
Tot Ion: 94 Resp: 37340

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

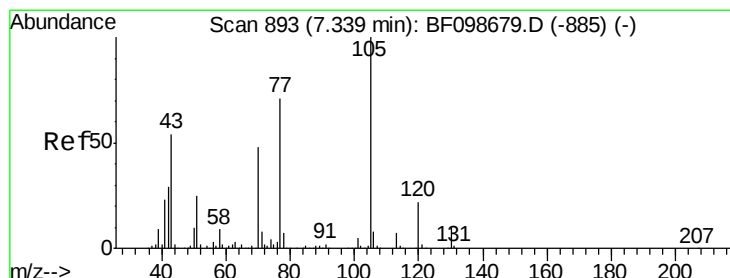
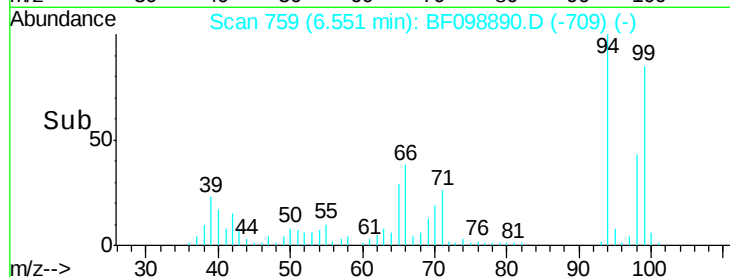
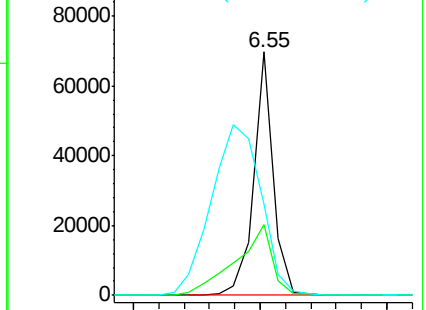
66 37.6 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.13 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

Tgt Ion: 70 Resp: 89346

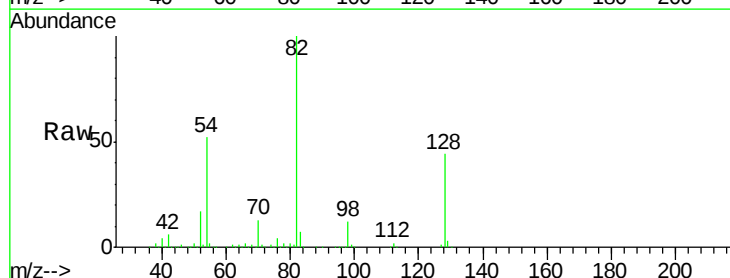
Ion Ratio Lower Upper

70 100

42 48.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

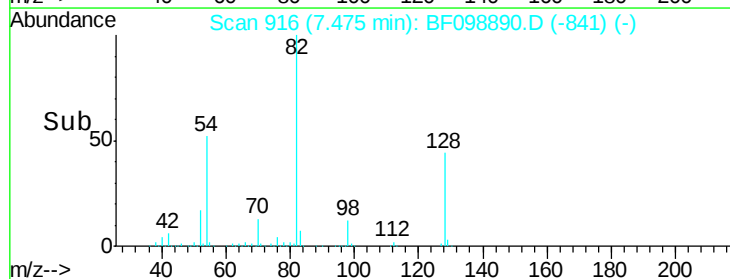
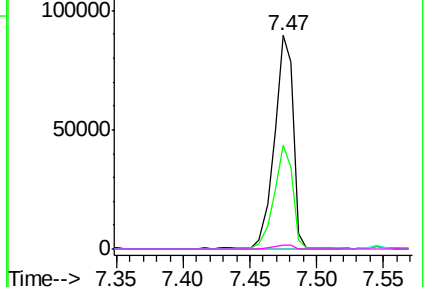


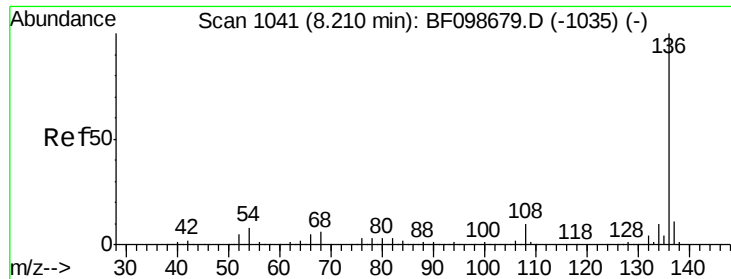
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

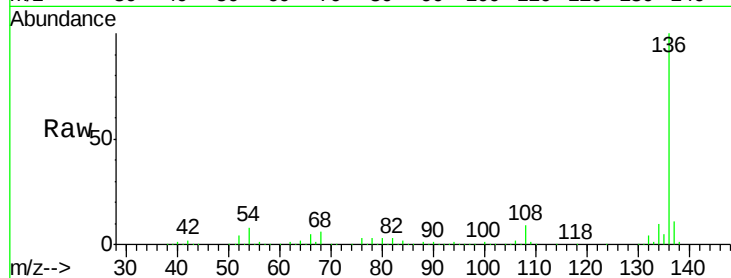




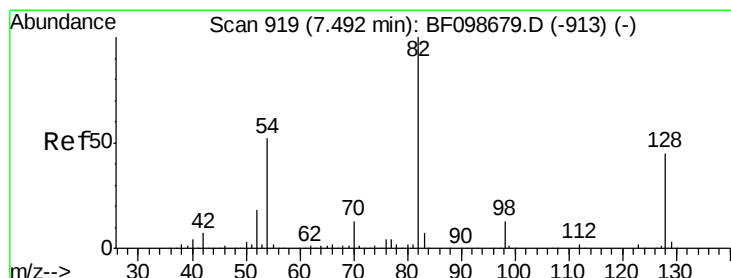
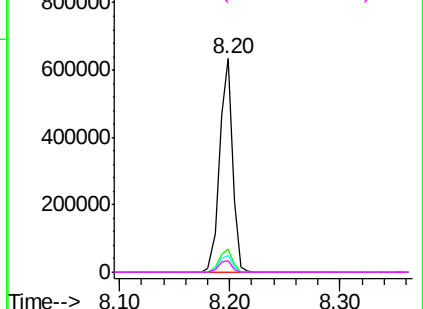
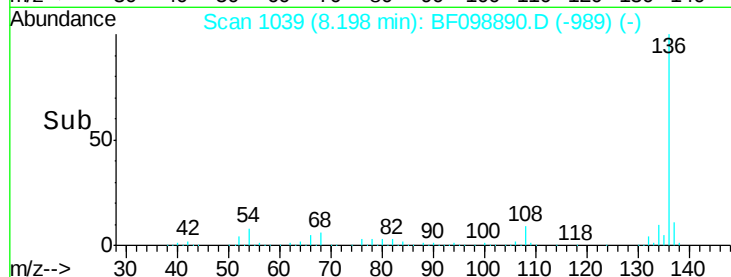
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	517637
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.6	6.6 9.8
68	5.5	5.0 7.4

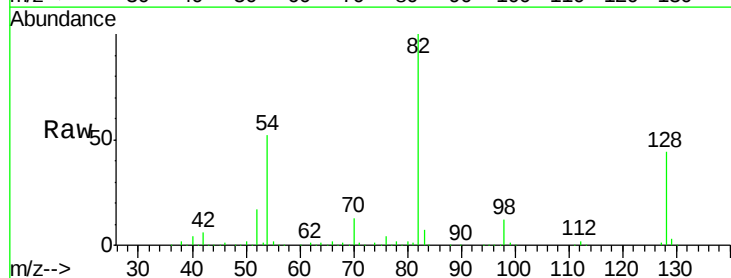


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

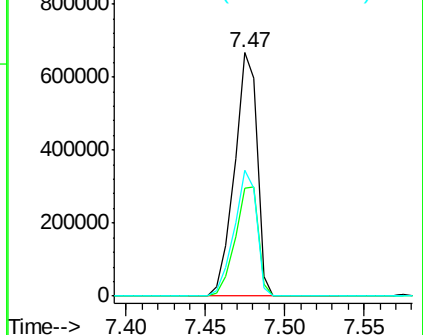
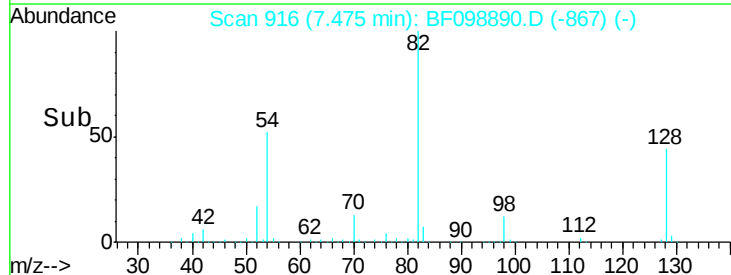


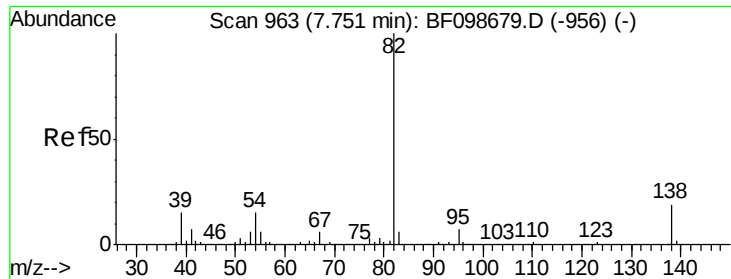
#23
Nitrobenzene-d5
Concen: 81.73 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Tgt Ion: 82	Resp:	659734
Ion Ratio	Lower	Upper
82	100	
128	44.3	36.1 54.1
54	51.6	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: 39.38 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

Instrument :

BNA_F

ClientSampled :

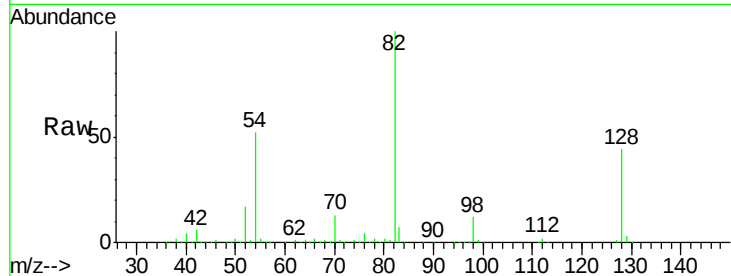
Tot Ion: 82 Resp: 657152

Ion Ratio Lower Upper

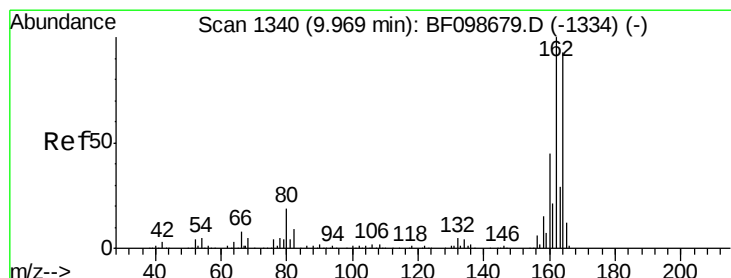
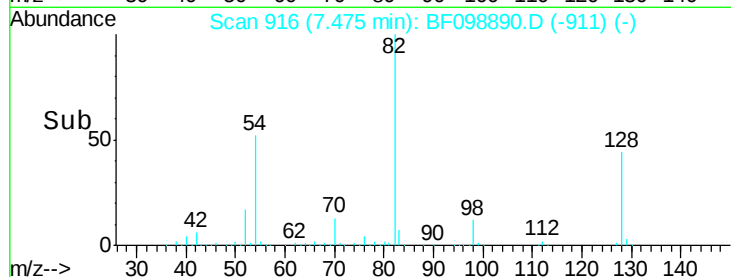
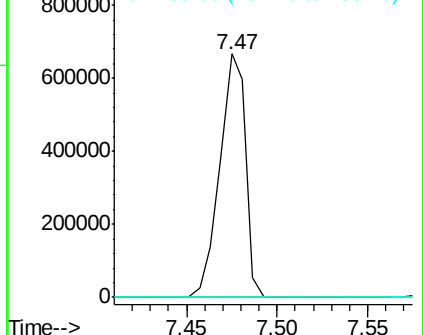
82 100

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: BF098890.D

Acq: 28 Sep 2017 4:05

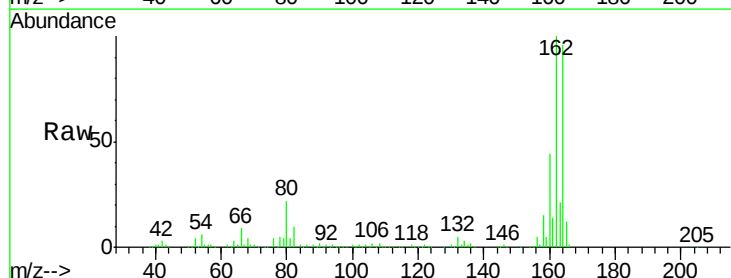
Tgt Ion: 164 Resp: 217450

Ion Ratio Lower Upper

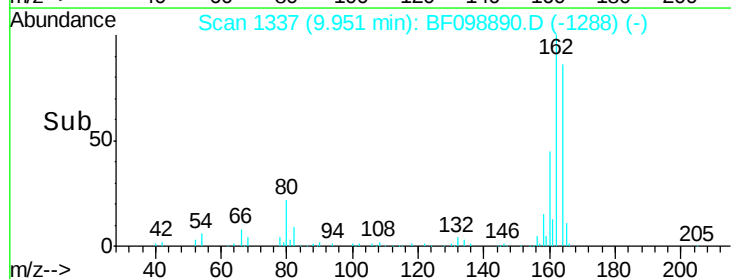
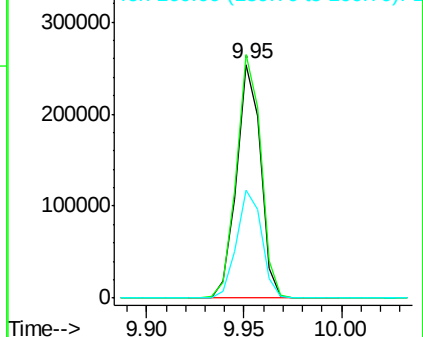
164 100

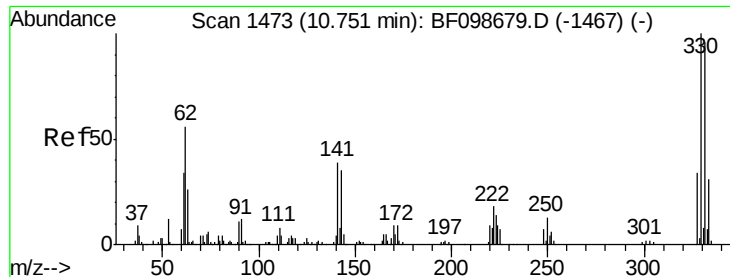
162 104.2 86.1 129.1

160 46.0 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

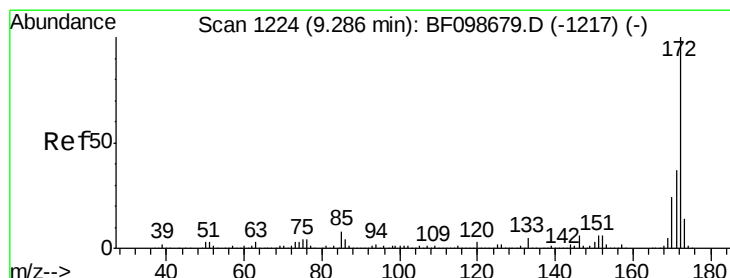
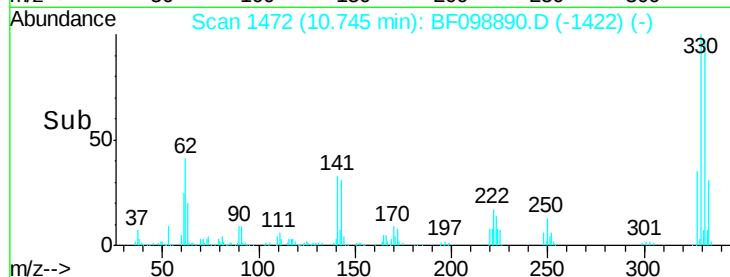
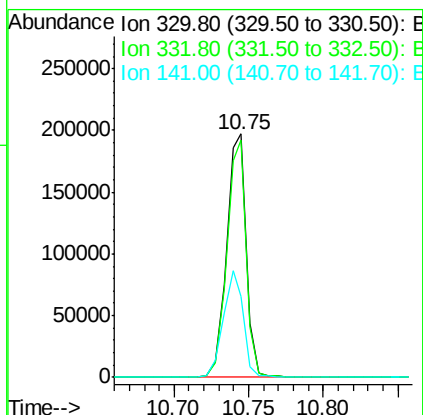
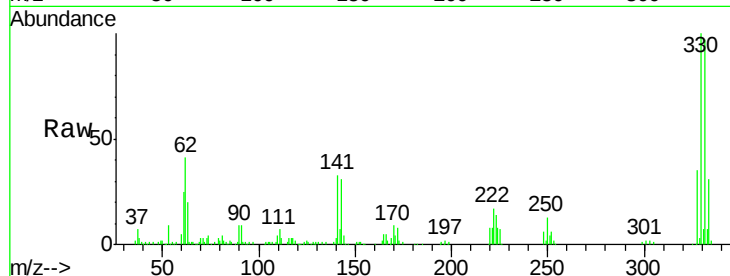




#41
 2,4,6-Tribromophenol
 Concen: 103.84 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098890.D
 Acq: 28 Sep 2017 4:05

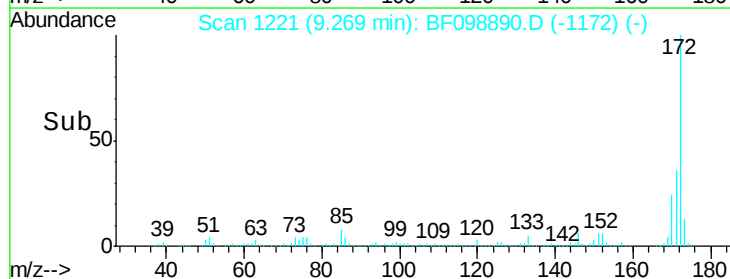
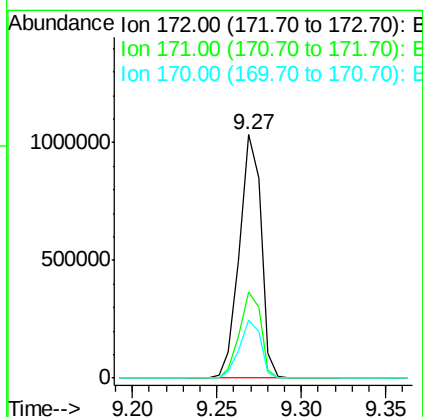
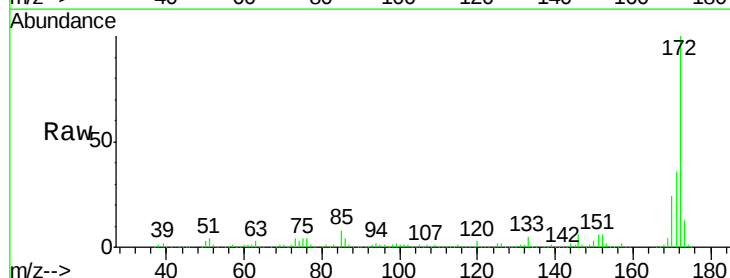
Instrument :
 BNA_F
 ClientSampled :

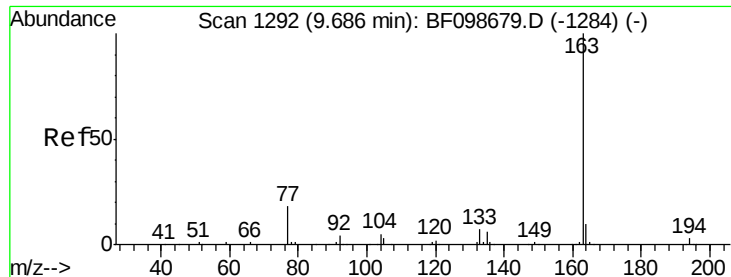
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	44.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.90 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098890.D
 Acq: 28 Sep 2017 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

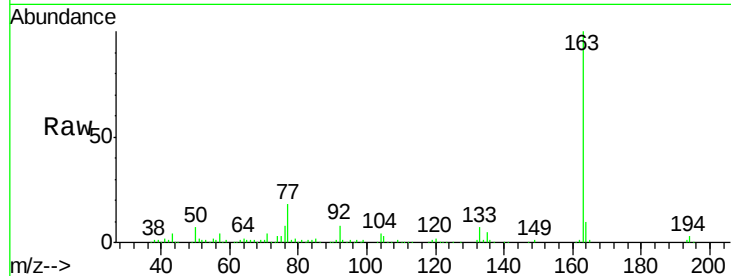




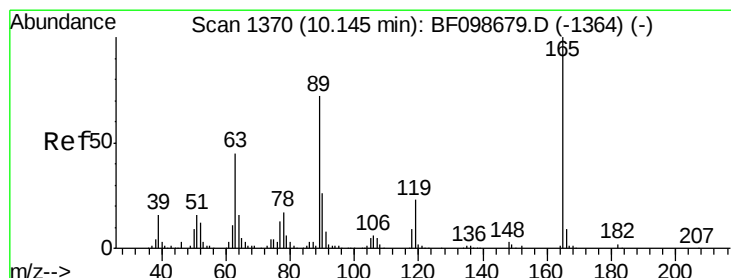
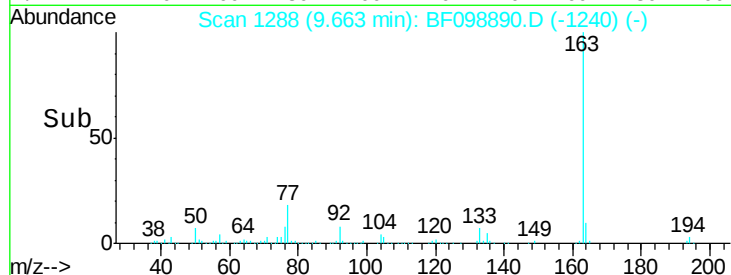
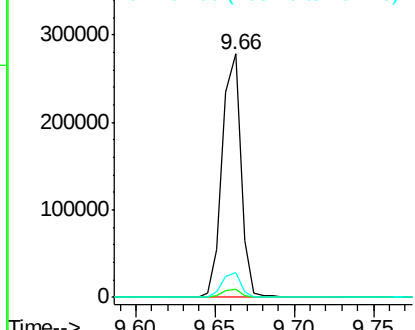
#49
Dimethylphthalate
Concen: 13.99 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



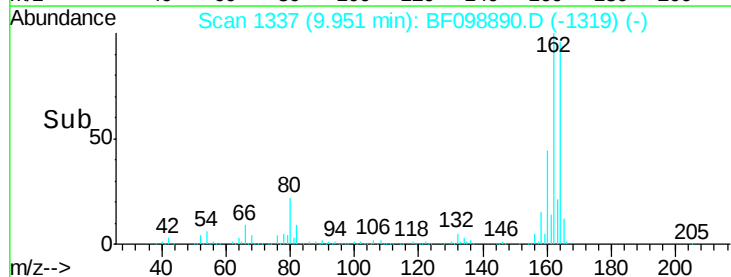
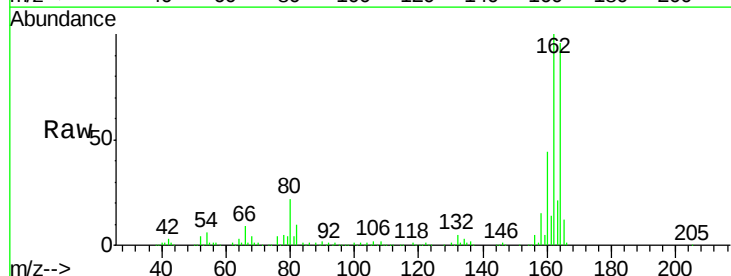
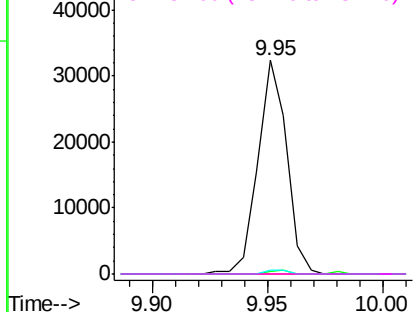
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

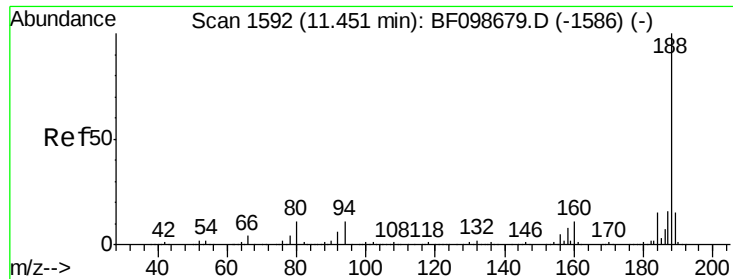


#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	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

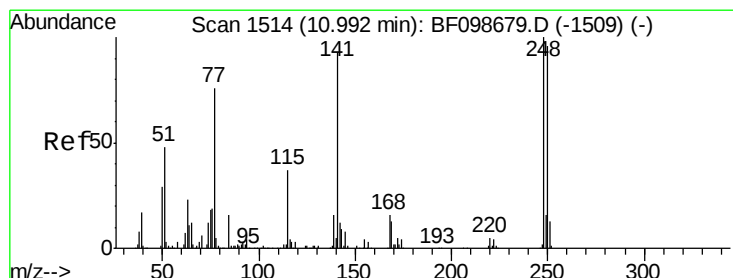
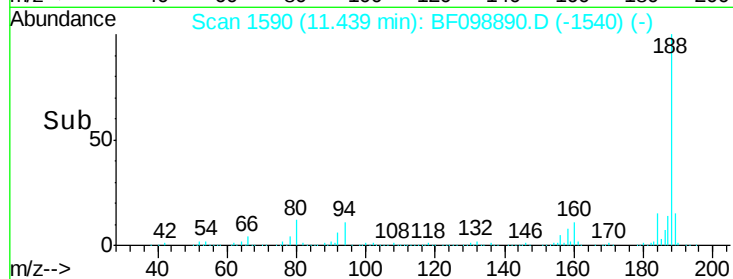
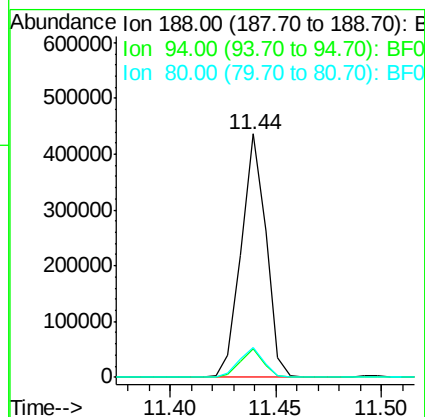
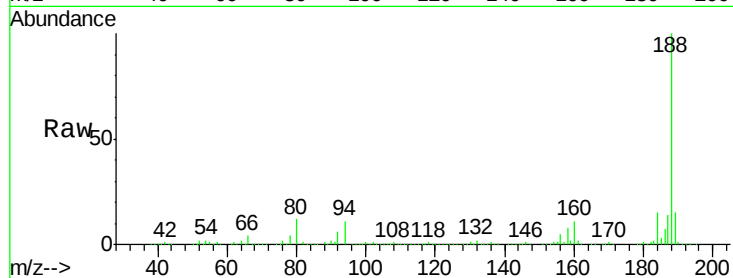




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

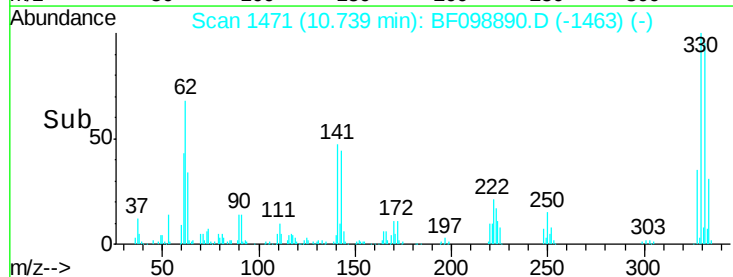
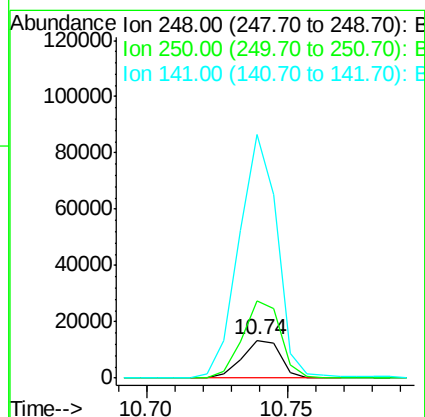
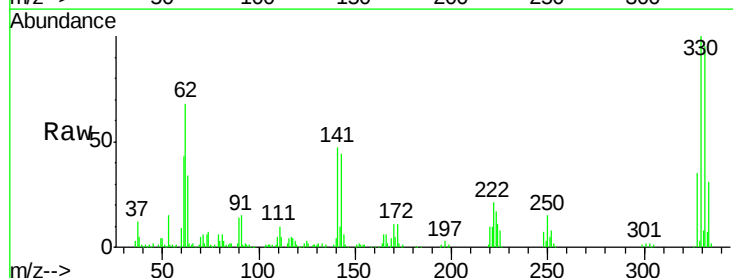
Instrument :
BNA_F
ClientSampleId :

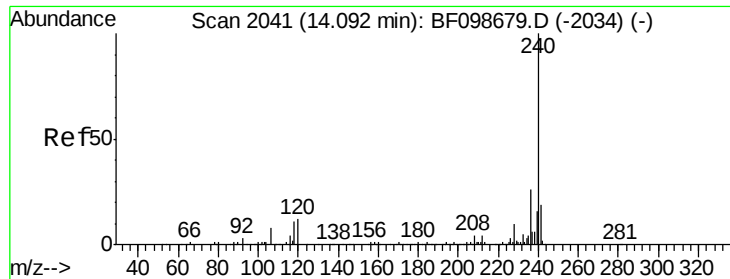
Tot Ion:188 Resp: 352920
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098890.D
Acq: 28 Sep 2017 4:05

Tgt Ion:248 Resp: 12764
Ion Ratio Lower Upper
248 100
250 206.6 76.9 115.3#
141 646.5 74.4 111.6#

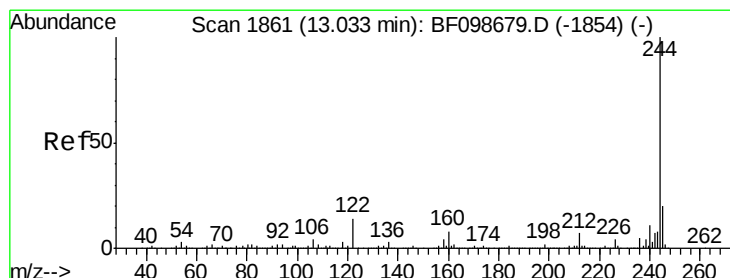
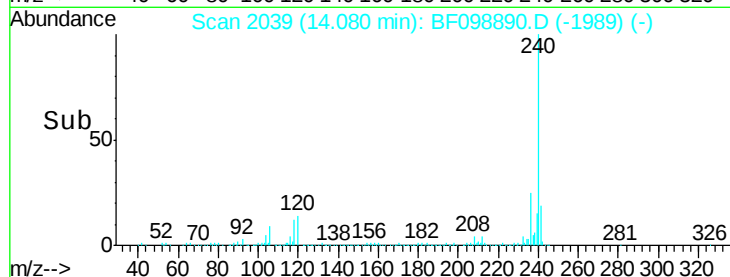
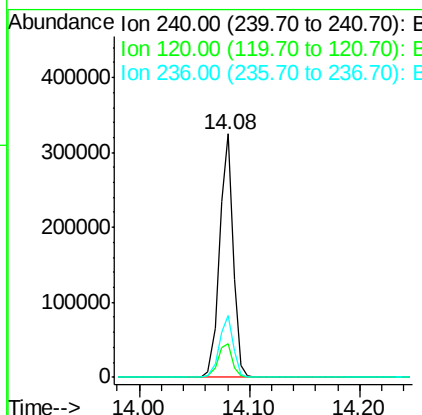
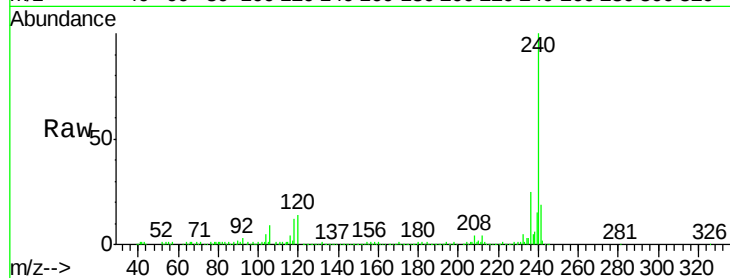




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098890.D
 Acq: 28 Sep 2017 4:05

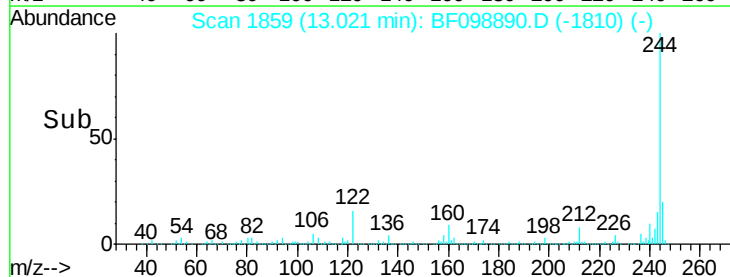
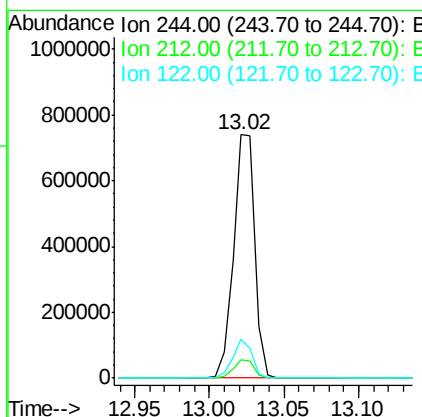
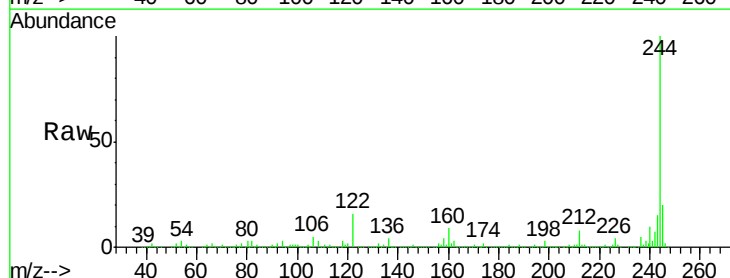
Instrument :
 BNA_F
 ClientSampleId :

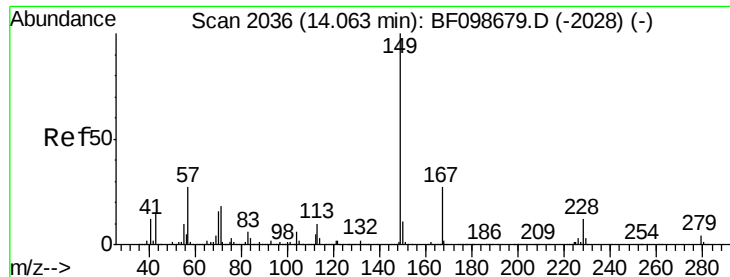
Tot Ion:240 Resp: 277693
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 60.34 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF098890.D
 Acq: 28 Sep 2017 4:05

Tgt Ion:244 Resp: 736738
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 15.7 11.0 16.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.64 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

Instrument :

BNA_F

ClientSampled :

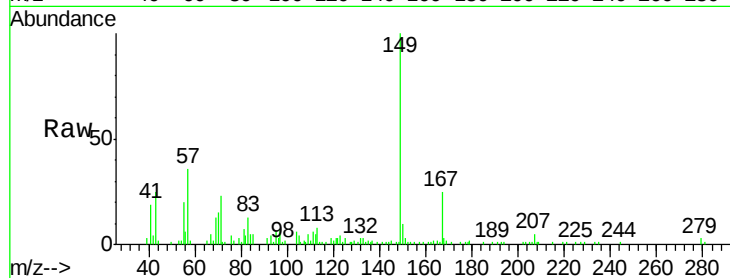
Tot Ion:149 Resp: 36111

Ion Ratio Lower Upper

149 100

167 24.7 21.3 31.9

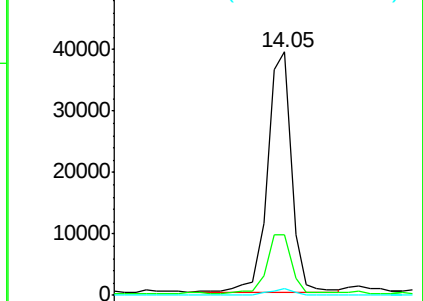
279 2.9 3.0 4.4#



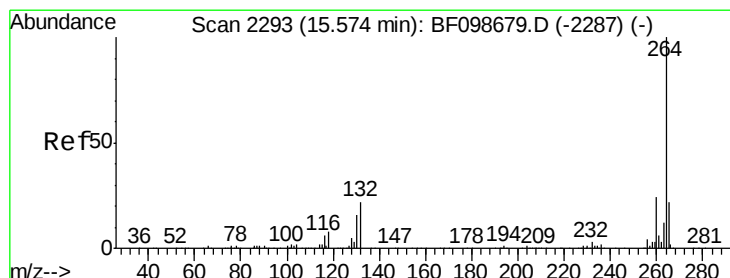
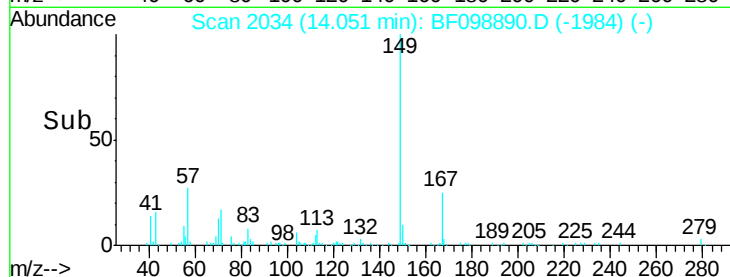
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098890.D

Acq: 28 Sep 2017 4:05

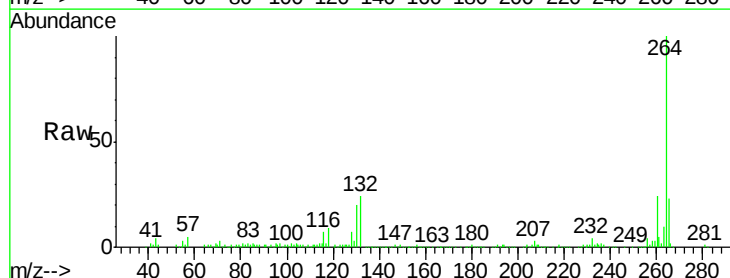
Tgt Ion:264 Resp: 202991

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

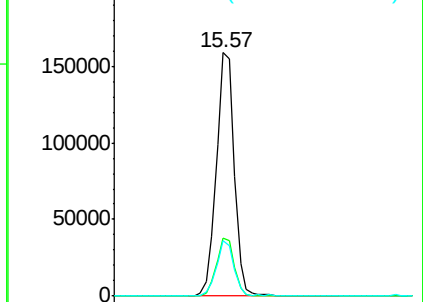
265 22.7 17.5 26.3



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



Time-->

