

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098889.D
 Acq On : 28 Sep 2017 3:37
 Operator : SJ/JU
 Sample : I5396-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 06:10:59 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

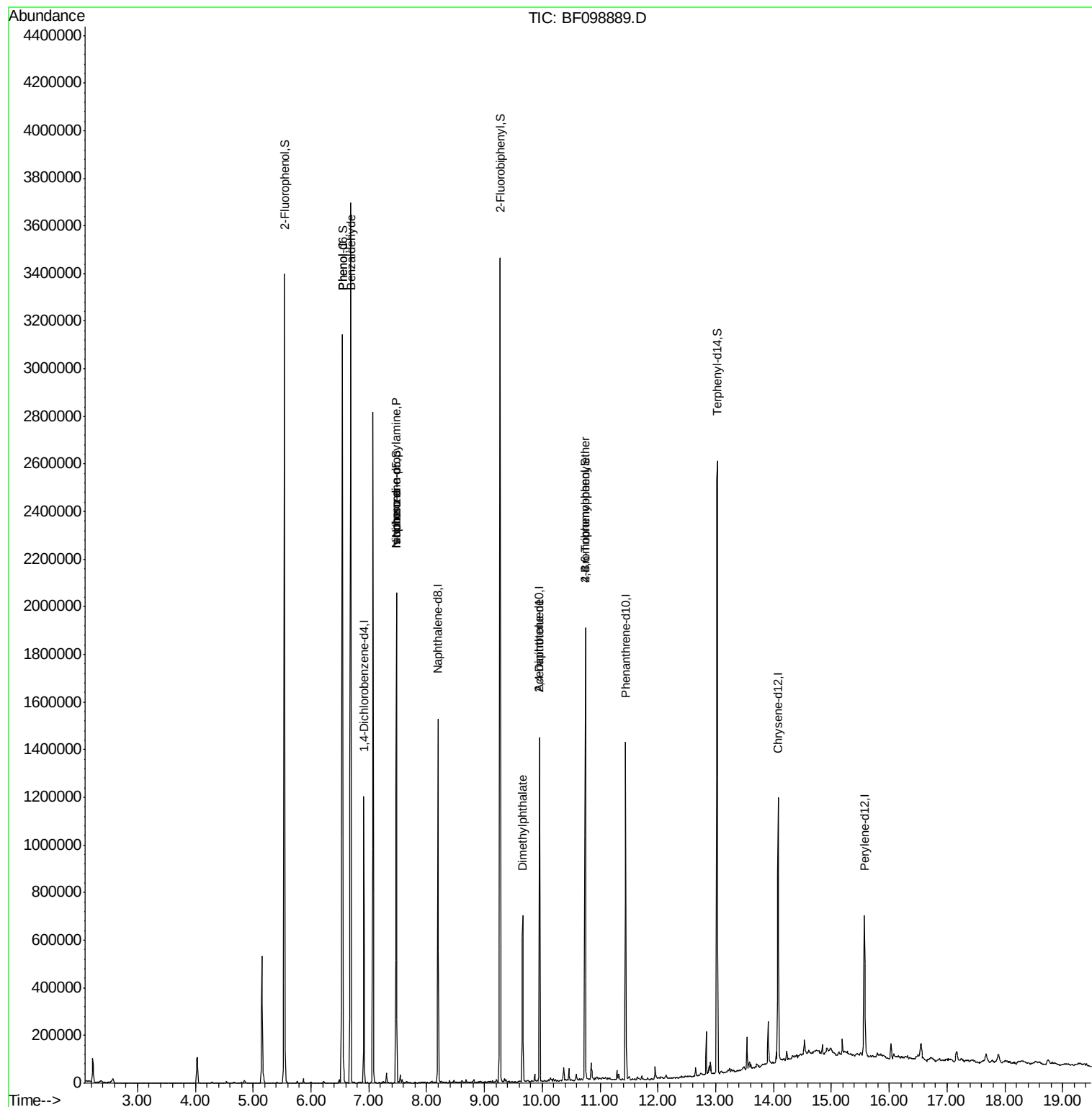
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	157795	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	651120	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	278242	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	450552	20.00	ng	0.00
75) Chrysene-d12	14.08	240	323134	20.00	ng	0.00
86) Perylene-d12	15.57	264	247235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1080869	109.04	ng	0.00
7) Phenol-d6	6.55	99	1286540	105.21	ng	0.00
23) Nitrobenzene-d5	7.47	82	753245	74.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	228786	100.49	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1201982	72.12	ng	0.00
78) Terphenyl-d14	13.03	244	847121	59.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	23312	3.29	ng	82
10) Phenol	6.55	94	39627	2.90	ng	90
19) n-Nitroso-di-n-propylamine	7.47	70	100322	12.85	ng	# 77
25) Isophorone	7.47	82	750767	35.77	ng	# 64
49) Dimethylphthalate	9.66	163	268300	12.78	ng	98
56) 2,4-Dinitrotoluene	9.95	165	35783	6.03	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	15311	3.47	ng	# 1

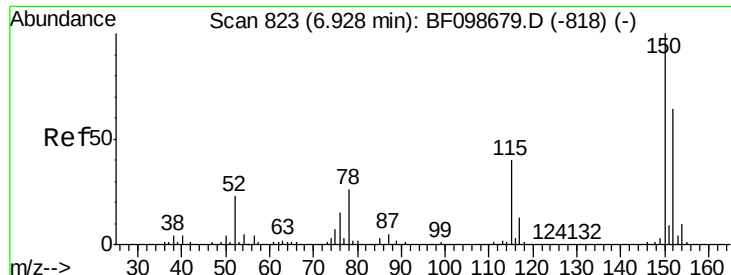
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098889.D
Acq On : 28 Sep 2017 3:37
Operator : SJ/JU
Sample : I5396-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 06:10:59 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

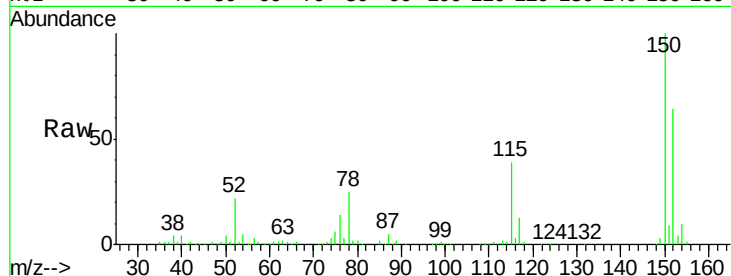




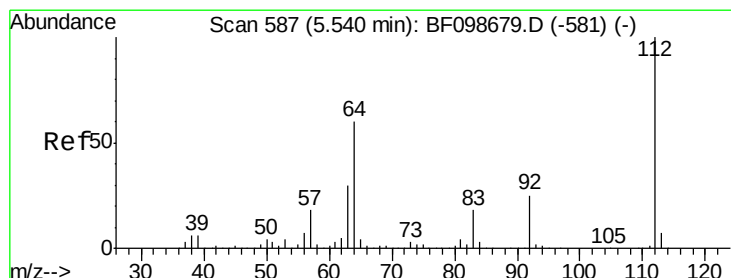
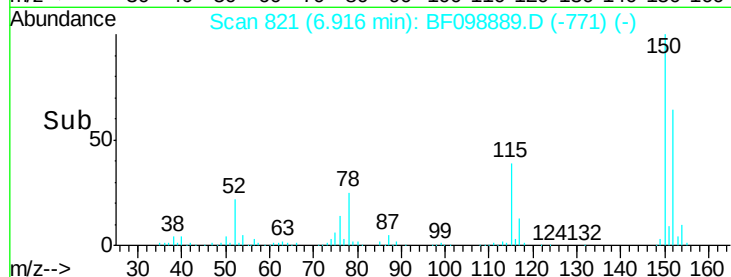
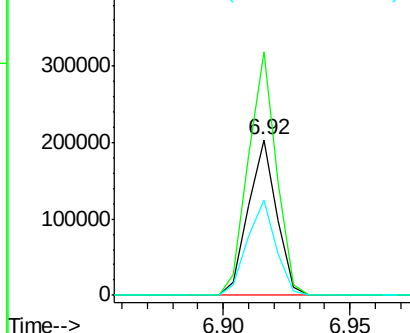
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098889.D
 Acq: 28 Sep 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 157795
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.9 50.1 75.1

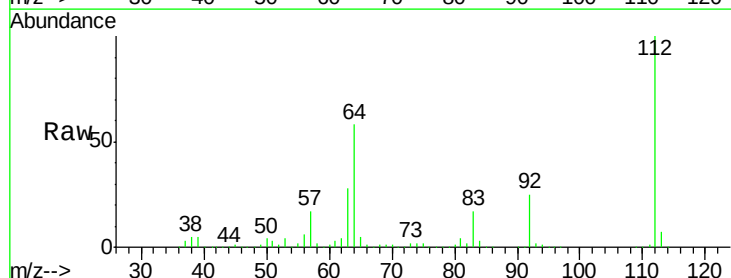


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

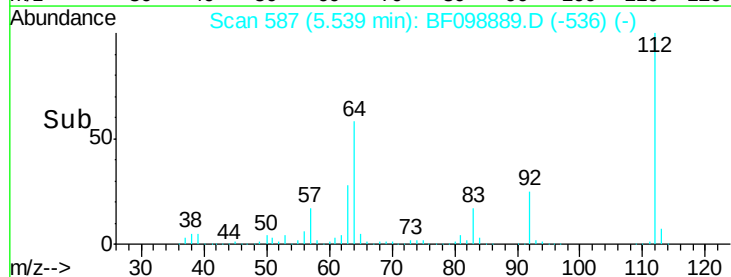
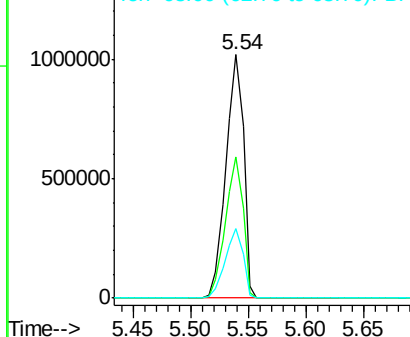


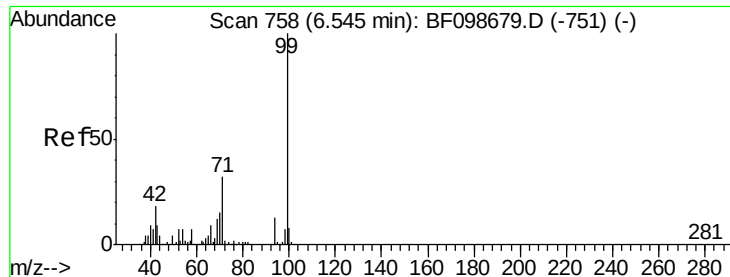
#5
 2-Fluorophenol
 Concen: 109.04 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098889.D
 Acq: 28 Sep 2017 3:37

Tgt Ion:112 Resp: 1080869
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.5 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: 105.21 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Instrument :

BNA_F

ClientSampleId :

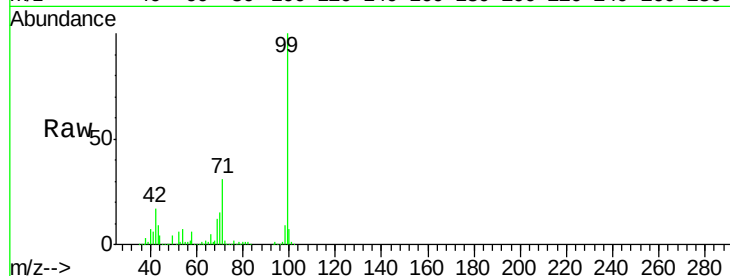
Tot Ion: 99 Resp: 1286540

Ion Ratio Lower Upper

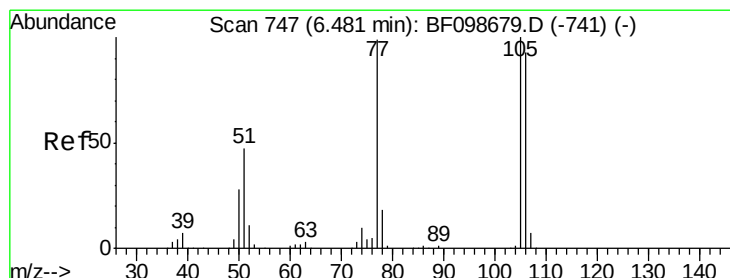
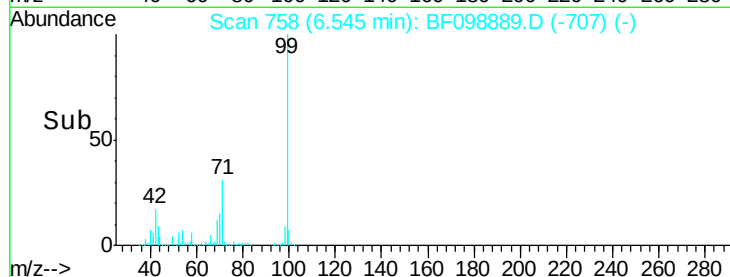
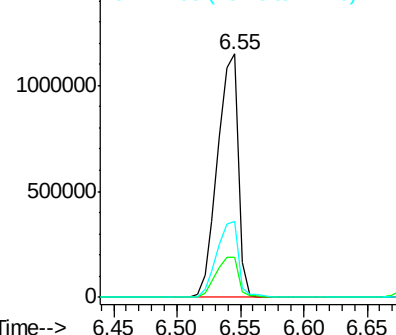
99 100

42 16.7 14.5 21.7

71 31.2 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: 3.29 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

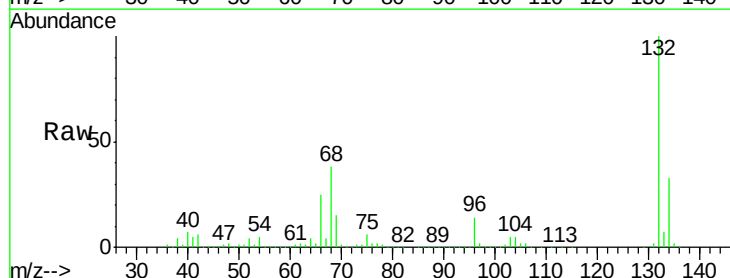
Tgt Ion: 77 Resp: 23312

Ion Ratio Lower Upper

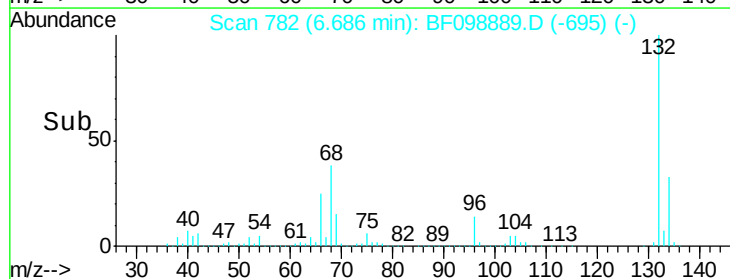
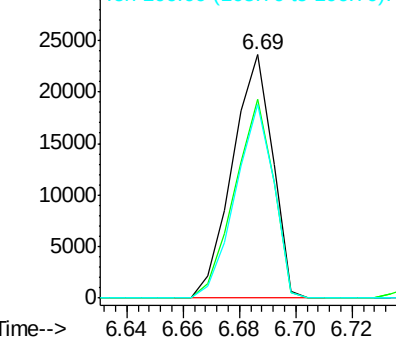
77 100

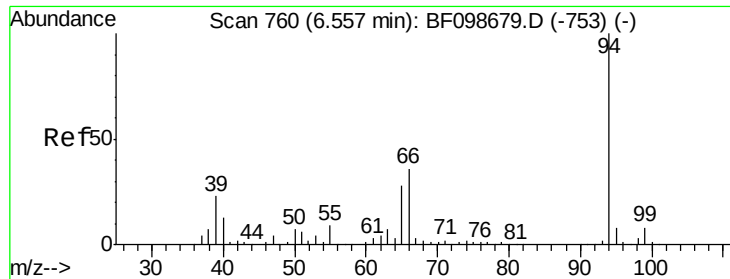
105 81.4 81.1 121.1

106 79.4 74.5 114.5



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





#10

Phenol

Concen: 2.90 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Instrument :

BNA_F

ClientSampled :

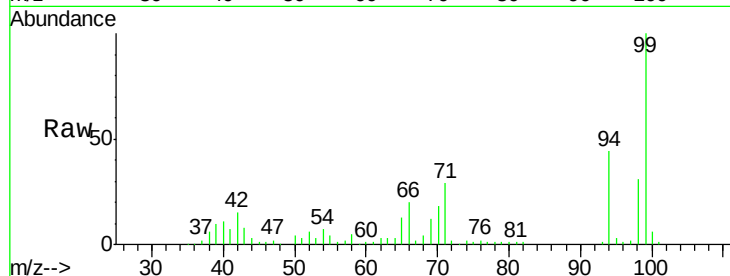
Tot Ion: 94 Resp: 39627

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

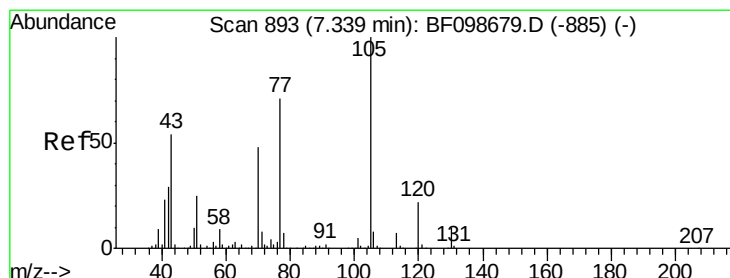
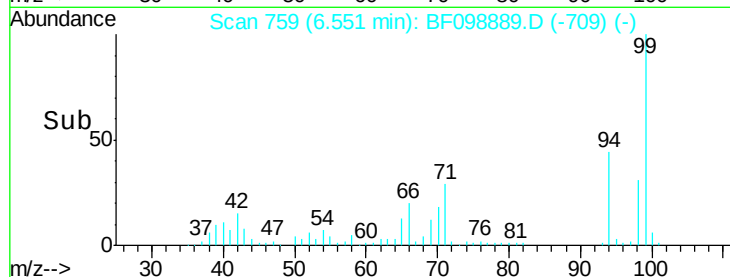
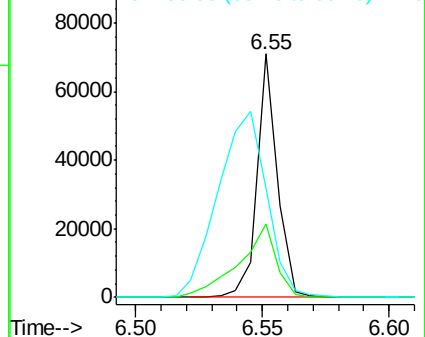
66 45.0 16.2 56.2



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: 12.85 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Tgt Ion: 70 Resp: 100322

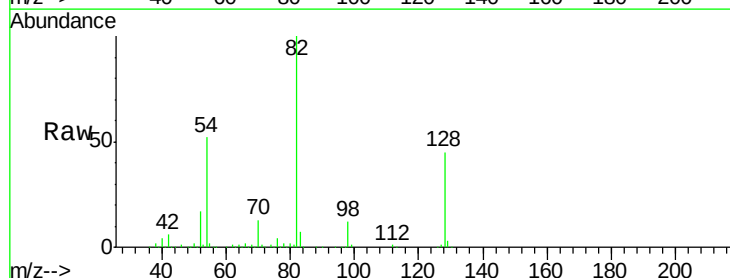
Ion Ratio Lower Upper

70 100

42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

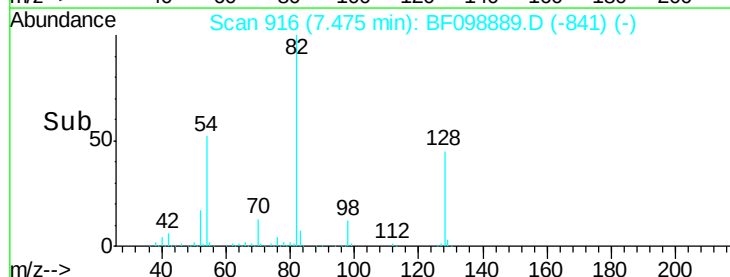
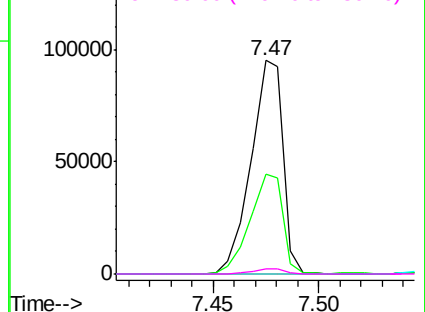


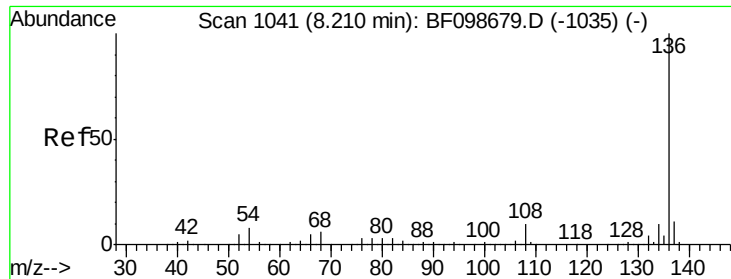
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

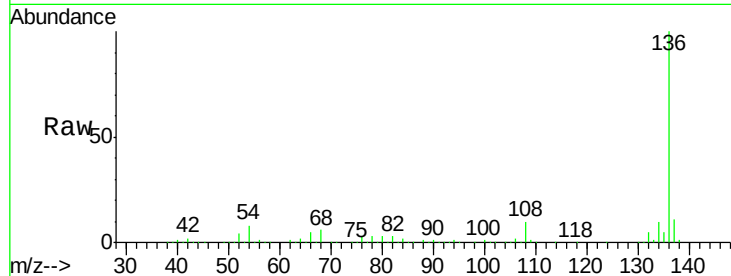




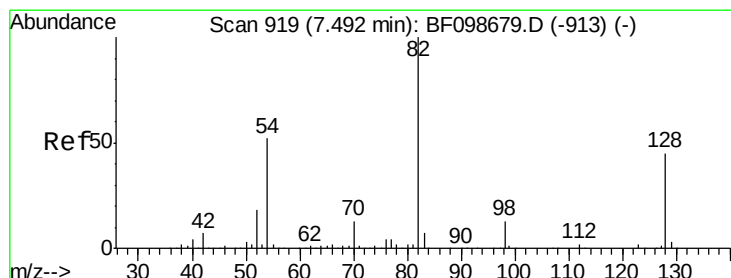
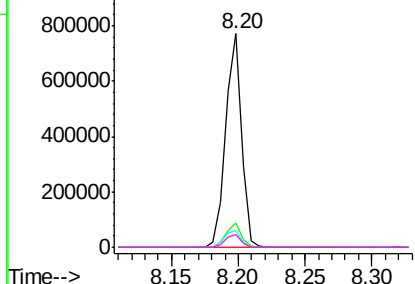
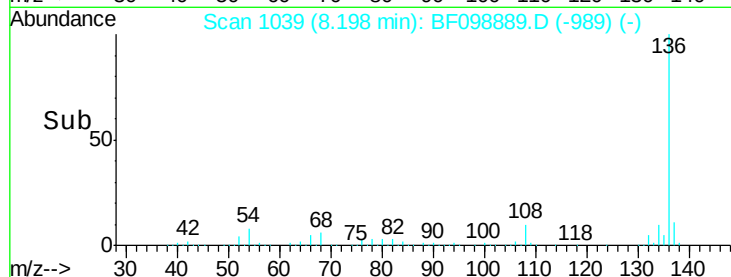
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098889.D
Acq: 28 Sep 2017 3:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	651120
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.6	6.6 9.8
68	6.0	5.0 7.4

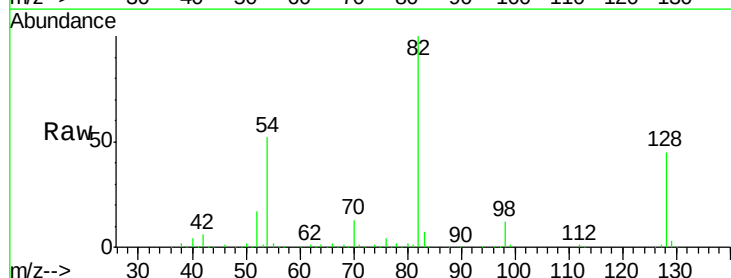


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

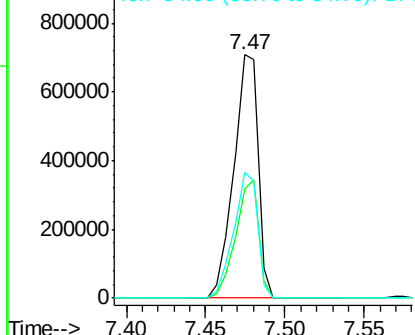
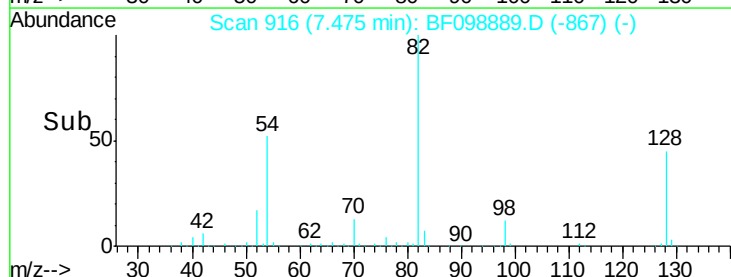


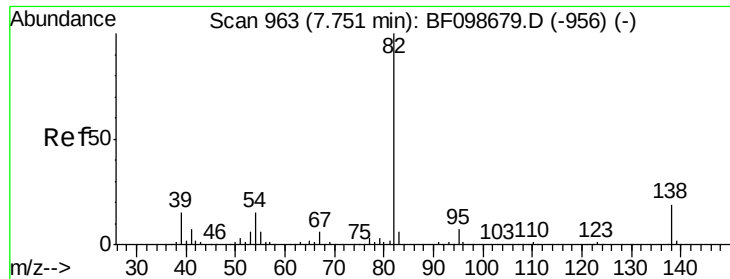
#23
Nitrobenzene-d5
Concen: 74.19 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098889.D
Acq: 28 Sep 2017 3:37

Tgt Ion: 82	Resp:	753245
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	51.5	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

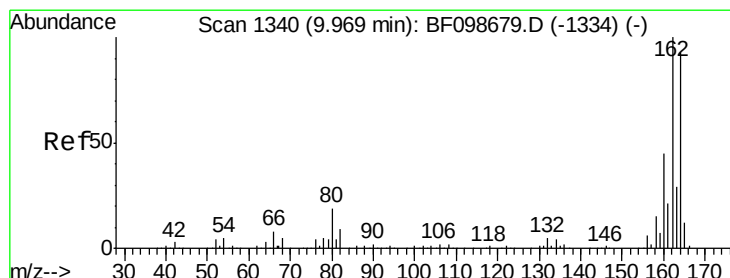
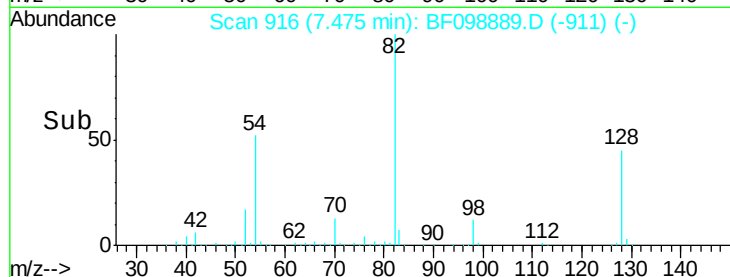
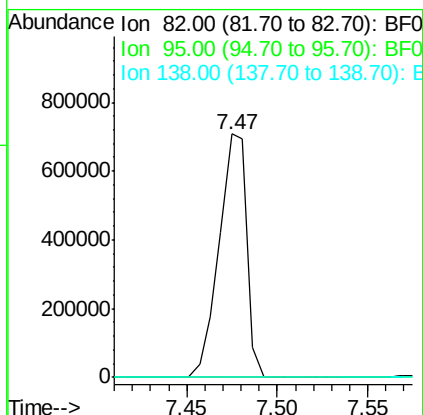
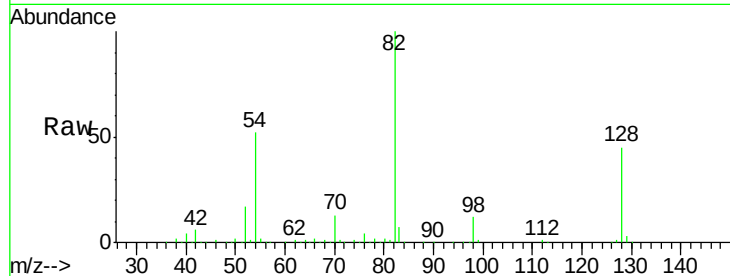




#25
Isophorone
Concen: 35.77 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098889.D
Acq: 28 Sep 2017 3:37

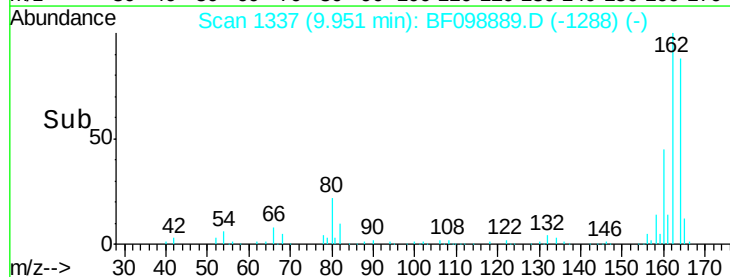
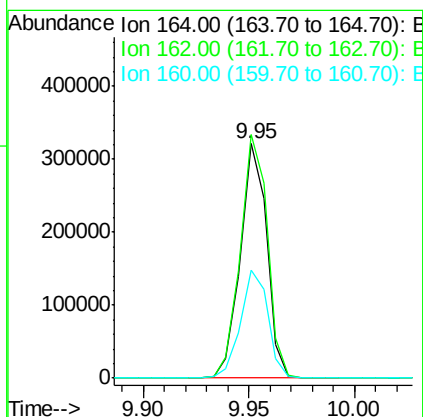
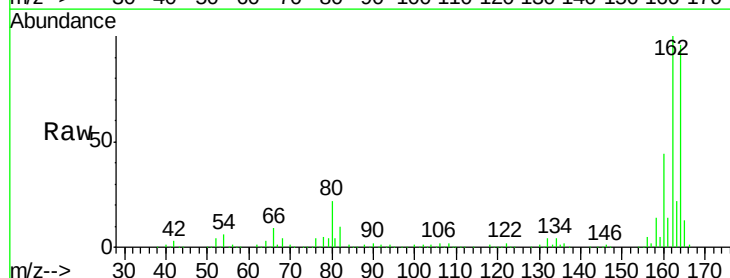
Instrument :
BNA_F
ClientSampleId :

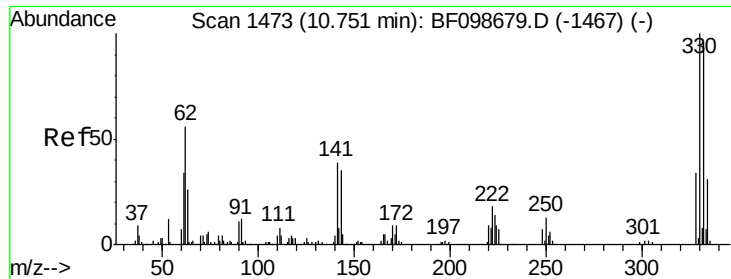
Tot Ion: 82 Resp: 750767
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098889.D
Acq: 28 Sep 2017 3:37

Tgt Ion:164 Resp: 278242
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.0 38.3 57.5

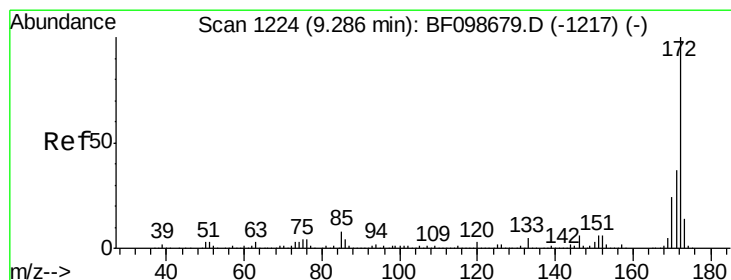
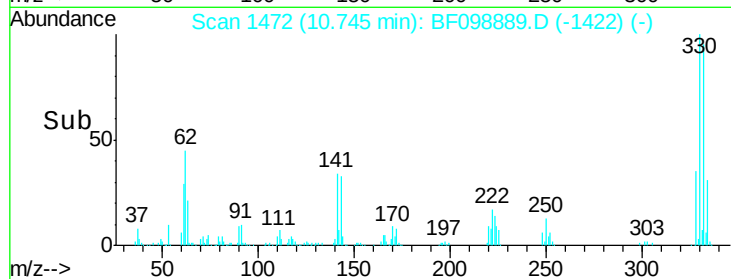
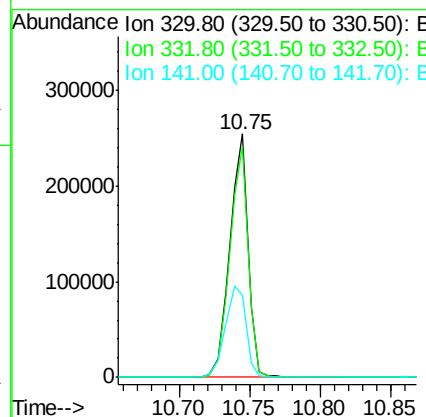
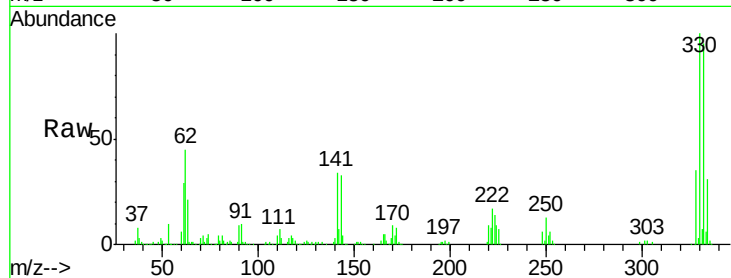




#41
 2,4,6-Tribromophenol
 Concen: 100.49 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098889.D
 Acq: 28 Sep 2017 3:37

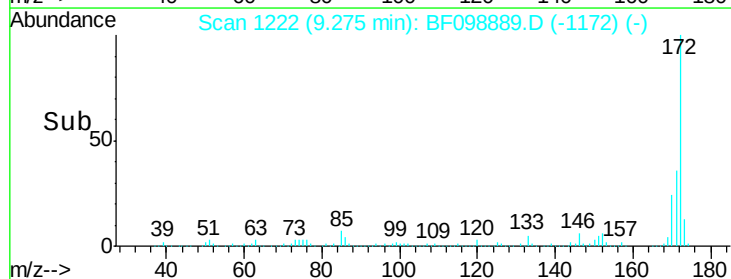
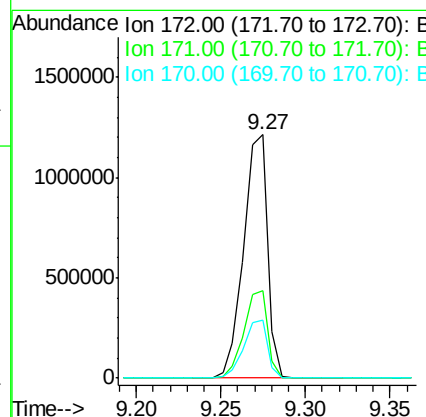
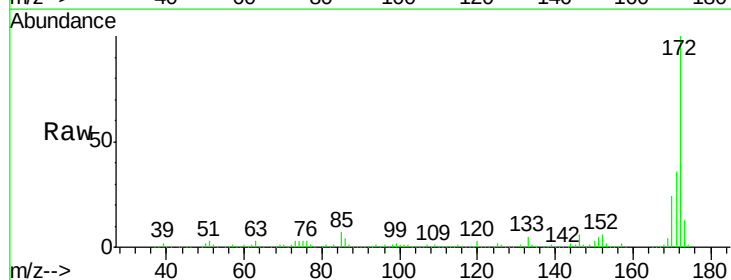
Instrument :
 BNA_F
 ClientSampleId :

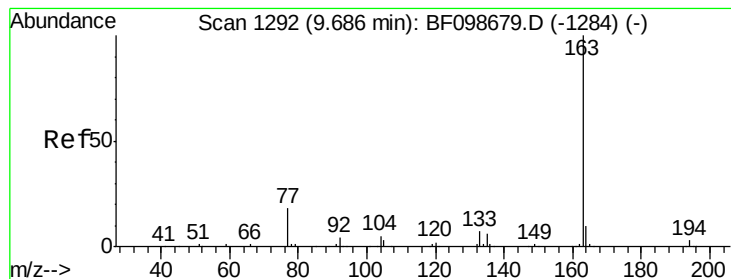
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	43.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098889.D
 Acq: 28 Sep 2017 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 12.78 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Instrument :

BNA_F

ClientSampleId :

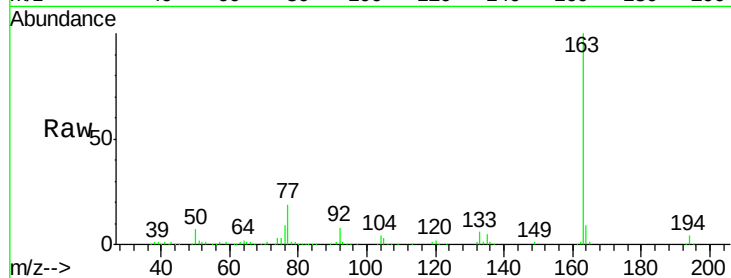
Tot Ion:163 Resp: 268300

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

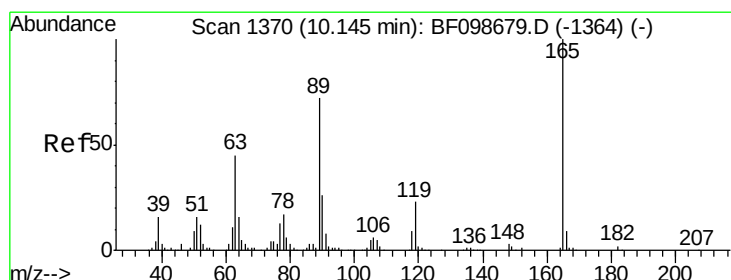
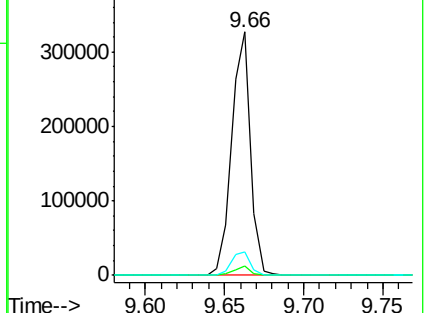
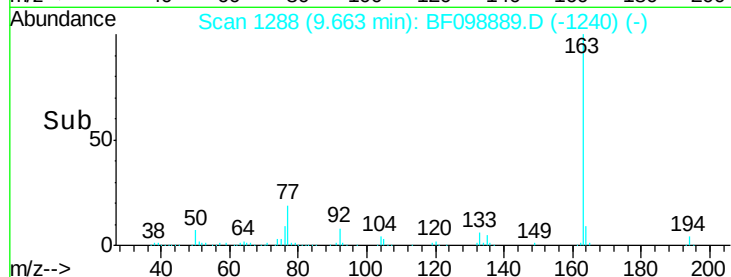
164 9.4 8.2 12.2



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: 6.03 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Tgt Ion:165 Resp: 35783

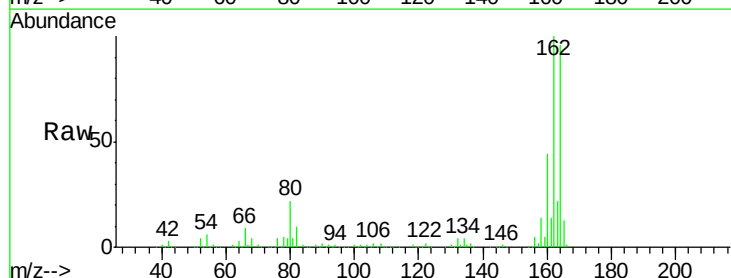
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

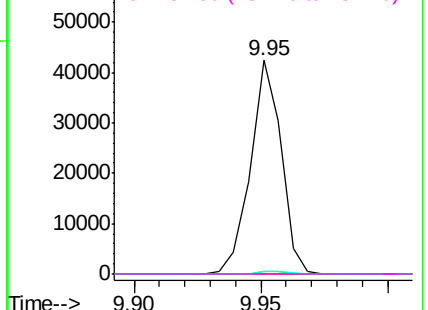
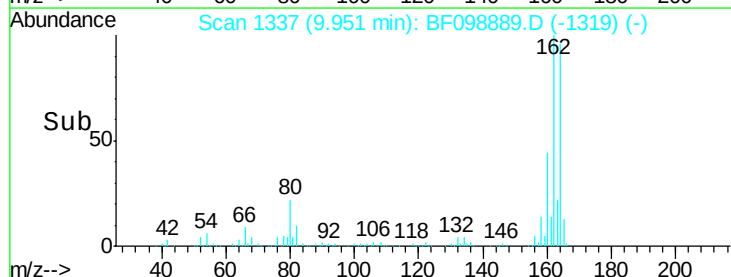


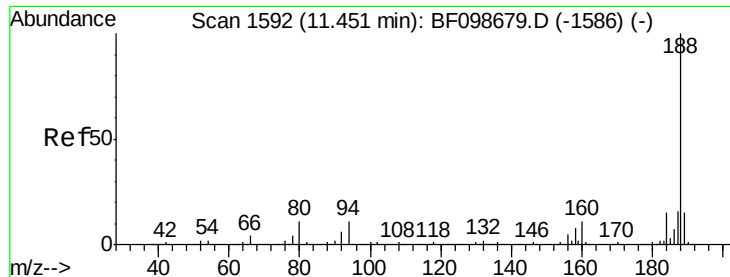
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF098889.D

Acq: 28 Sep 2017 3:37

Instrument :

BNA_F

ClientSampleId :

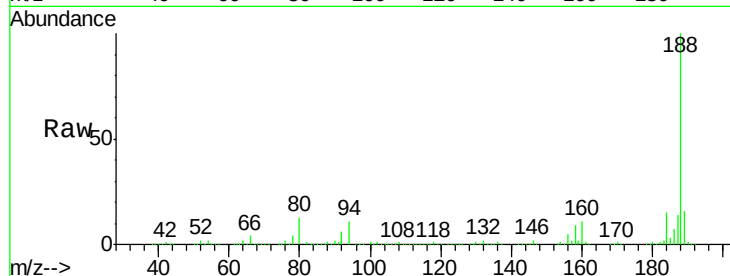
Tot Ion:188 Resp: 450552

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

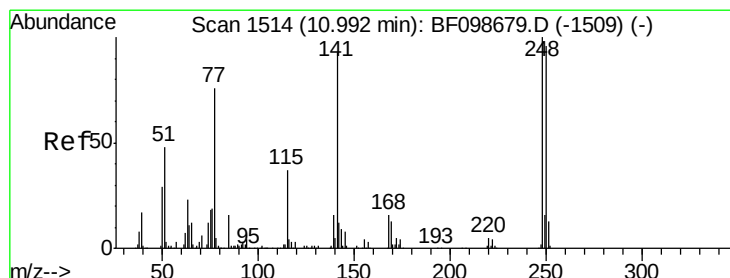
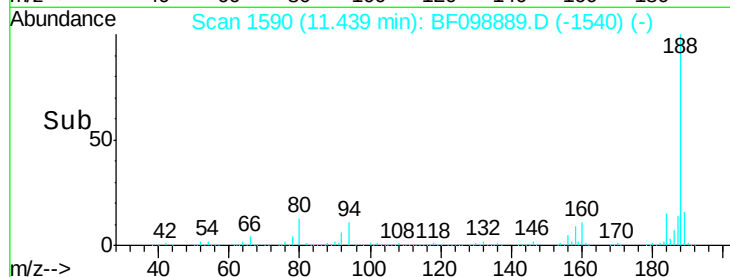
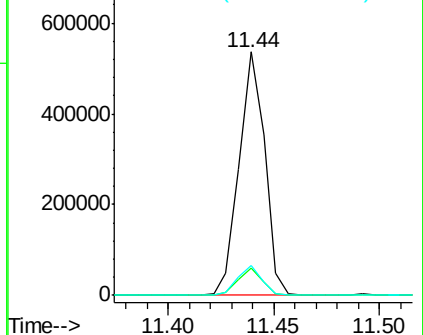
80 12.5 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 3.47 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.25 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

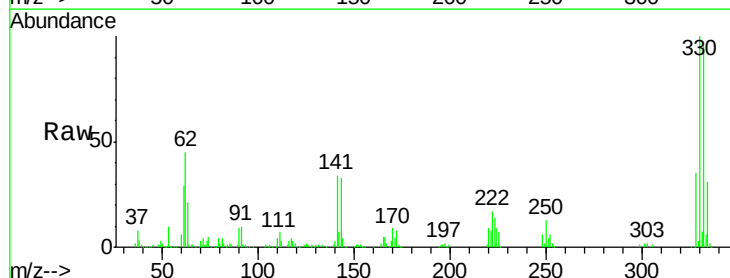
Tgt Ion:248 Resp: 15311

Ion Ratio Lower Upper

248 100

250 205.8 76.9 115.3#

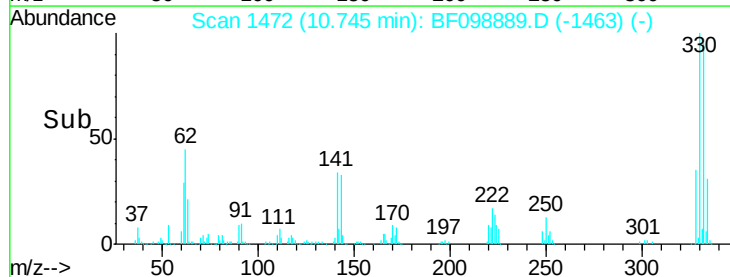
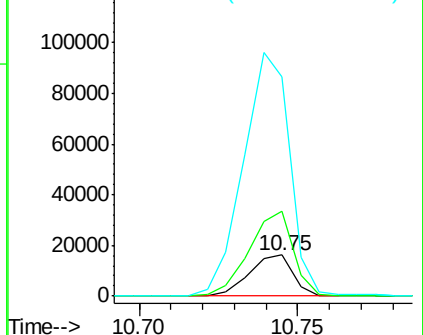
141 534.6 74.4 111.6#

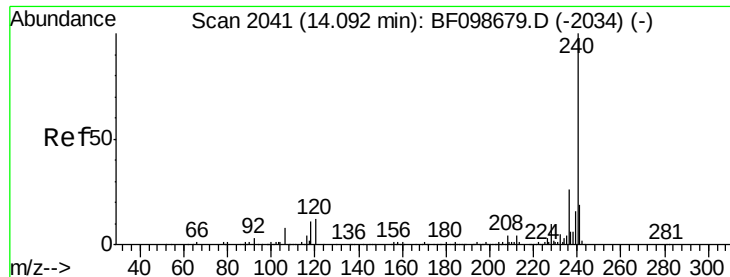


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

Instrument :

BNA_F

ClientSampled :

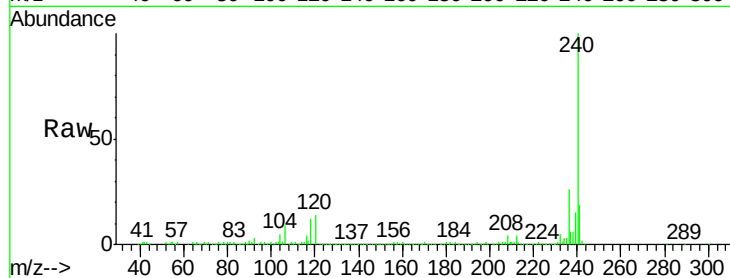
Tot Ion:240 Resp: 323134

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

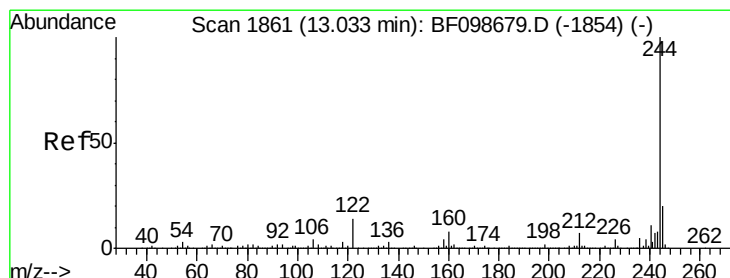
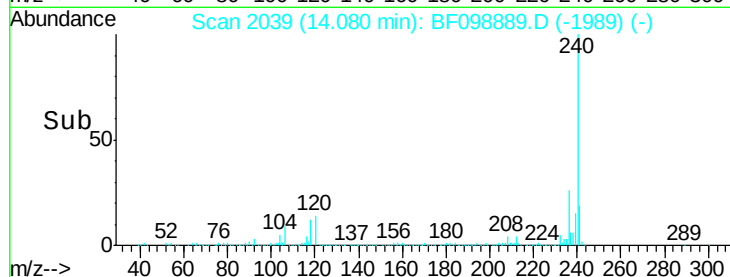
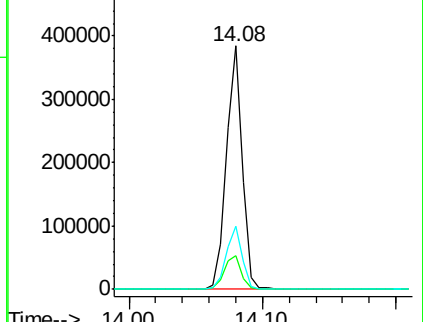
236 25.9 20.7 31.1



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: 59.62 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098889.D

Acq: 28 Sep 2017 3:37

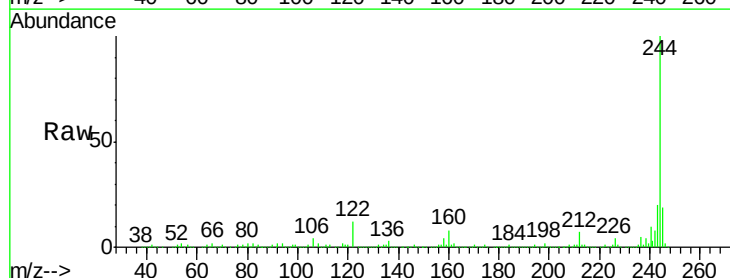
Tgt Ion:244 Resp: 847121

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

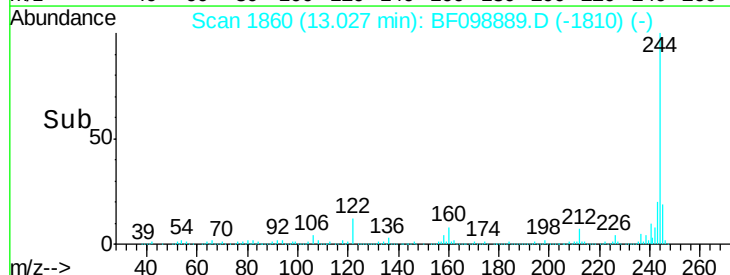
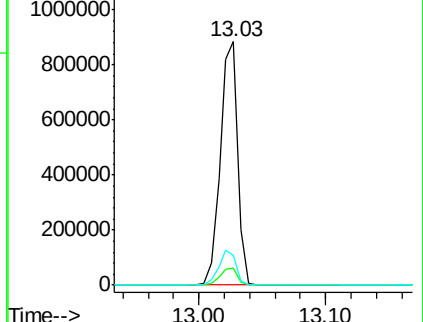
122 12.2 11.0 16.4

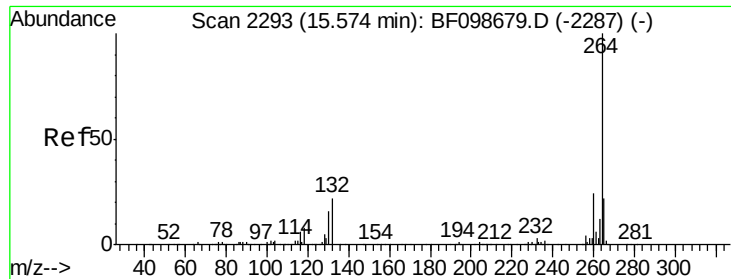


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

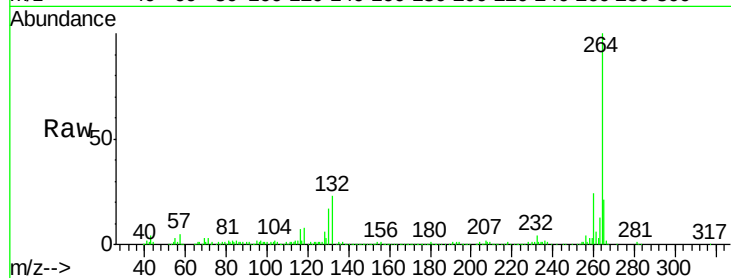




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098889.D
Acq: 28 Sep 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	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

