

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098908.D
 Acq On : 28 Sep 2017 15:03
 Operator : SJ/JU
 Sample : I5447-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:41:53 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

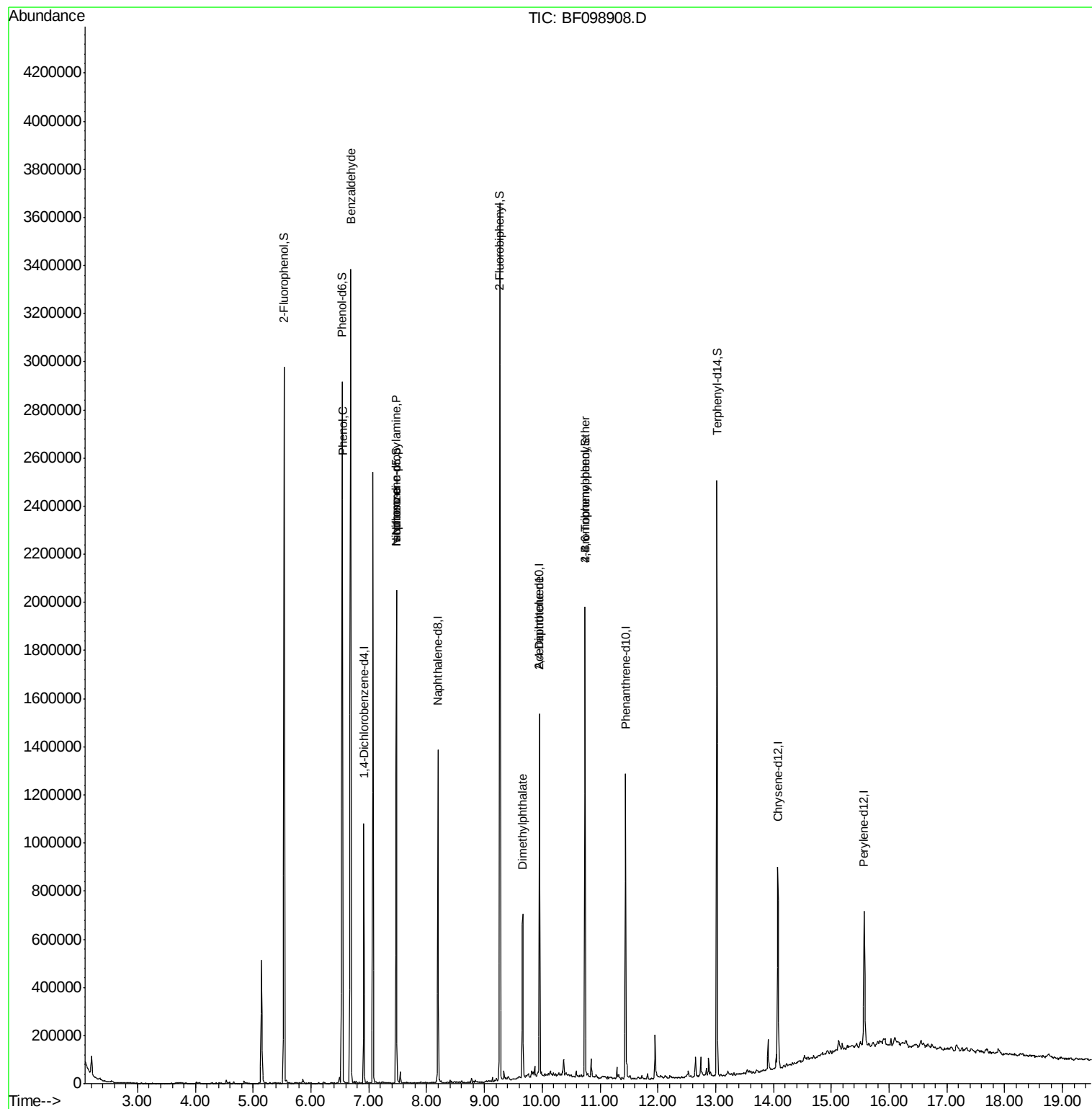
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146686	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	608824	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	266489	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	395577	20.00	ng	0.00
75) Chrysene-d12	14.07	240	260525	20.00	ng	-0.01
86) Perylene-d12	15.57	264	243632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	960721	104.26	ng	0.00
7) Phenol-d6	6.54	99	1179298	103.75	ng	0.00
23) Nitrobenzene-d5	7.47	82	731186	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	203676	93.40	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1128300	70.68	ng	-0.01
78) Terphenyl-d14	13.02	244	722710	63.09	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	20555	3.12	ng	83
10) Phenol	6.55	94	25828	2.03	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	96941	13.36	ng	# 77
25) Isophorone	7.47	82	728009	37.09	ng	# 64
49) Dimethylphthalate	9.66	163	270691	13.46	ng	99
56) 2,4-Dinitrotoluene	9.95	165	34952	6.15	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	14034	3.62	ng	# 1

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

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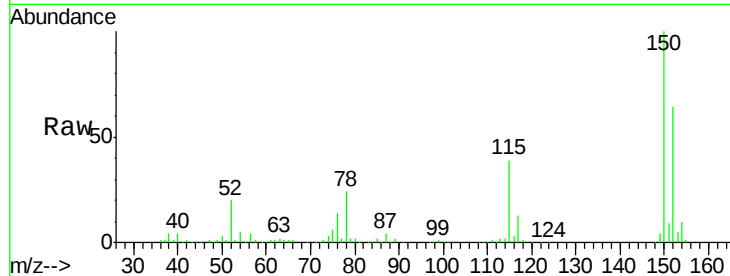


#1

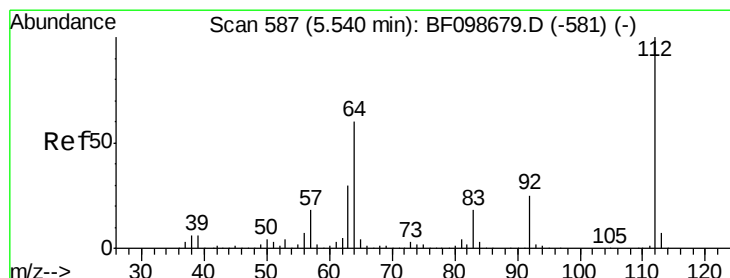
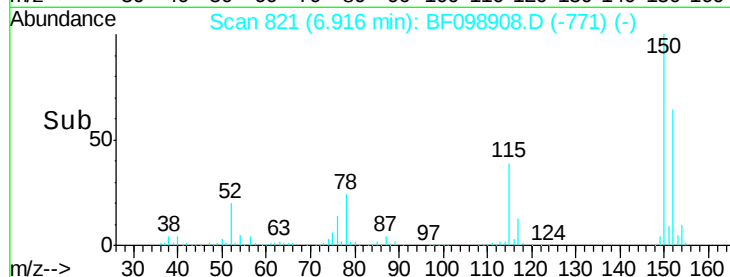
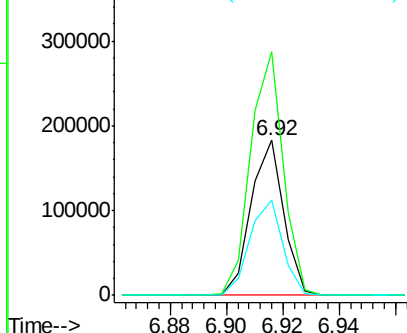
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146686
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.6 50.1 75.1



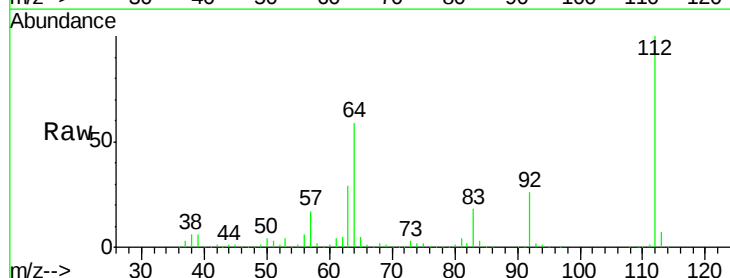
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



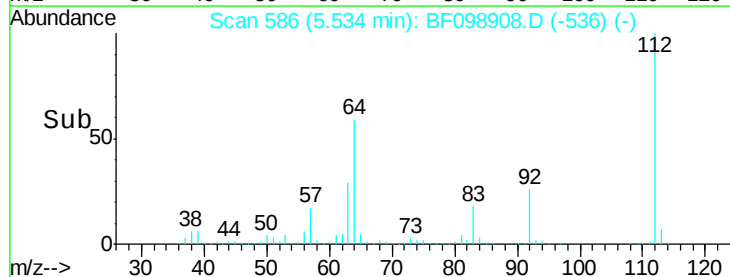
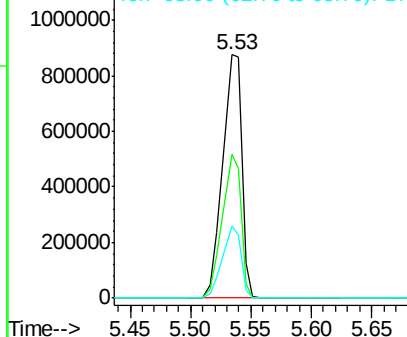
#5

2-Fluorophenol
Concen: 104.26 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion:112 Resp: 960721
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.4 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: 103.75 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampled :

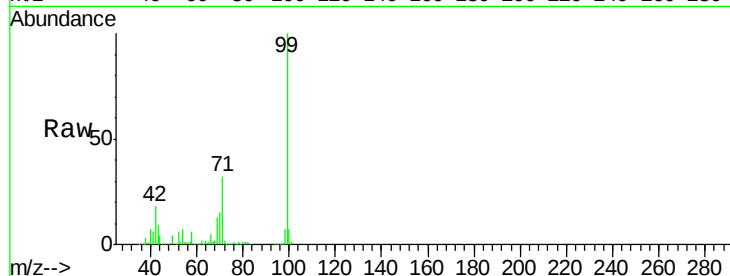
Tot Ion: 99 Resp: 1179298

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

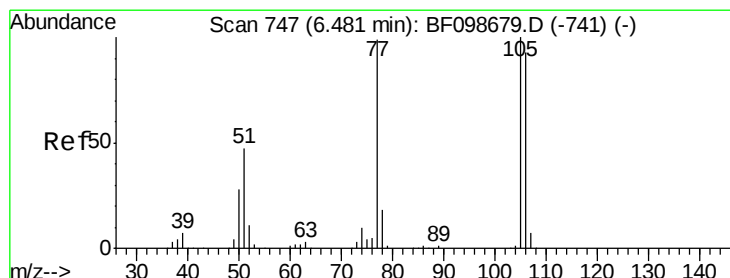
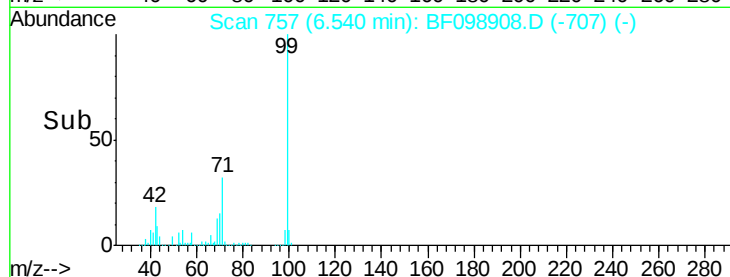
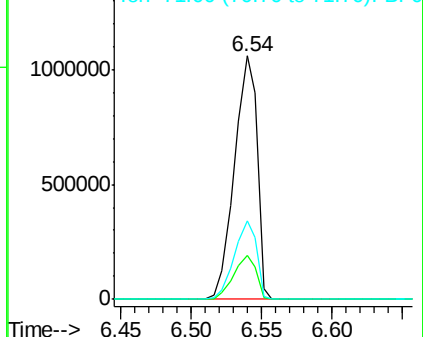
71 32.3 25.4 38.0



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: 3.12 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

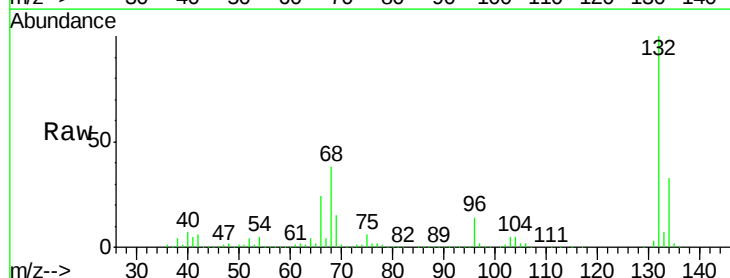
Tgt Ion: 77 Resp: 20555

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

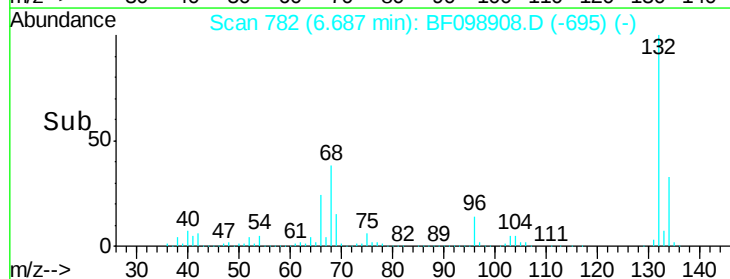
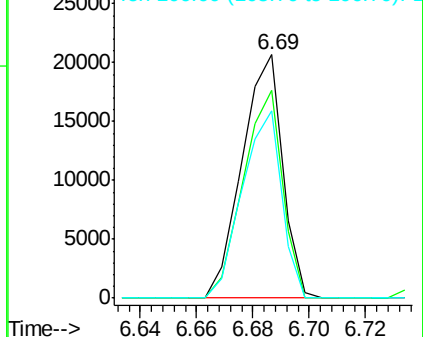
106 76.8 74.5 114.5

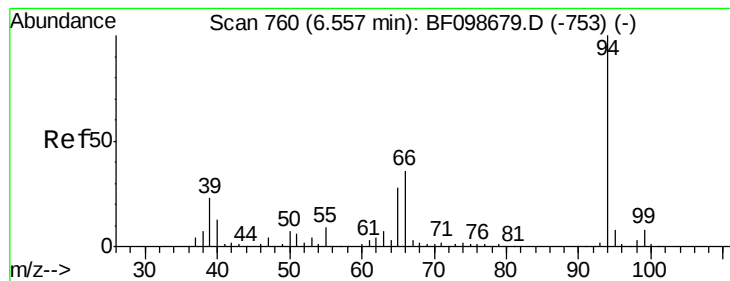


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.03 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

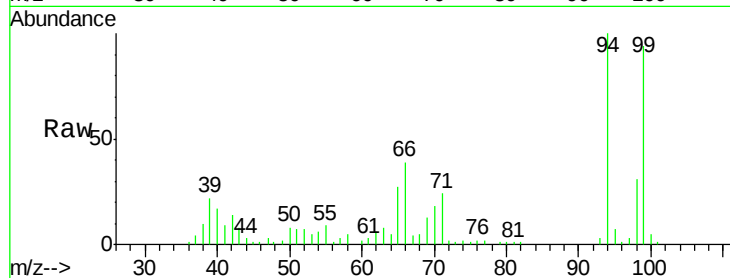
Tot Ion: 94 Resp: 25828

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

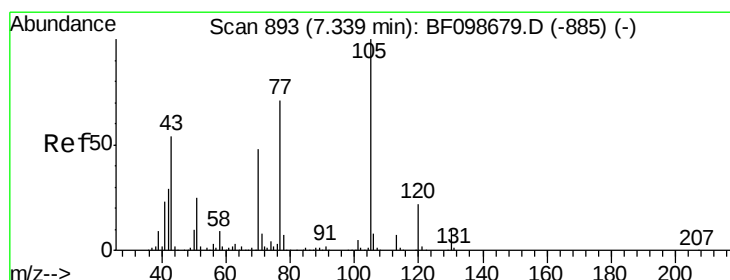
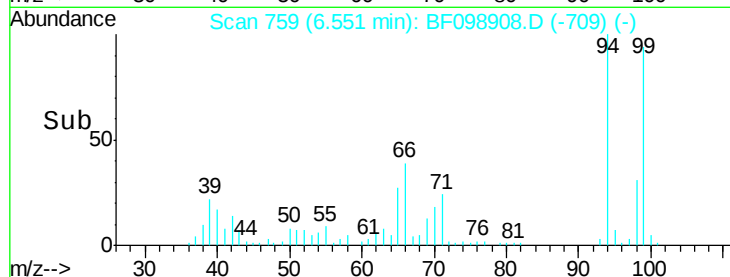
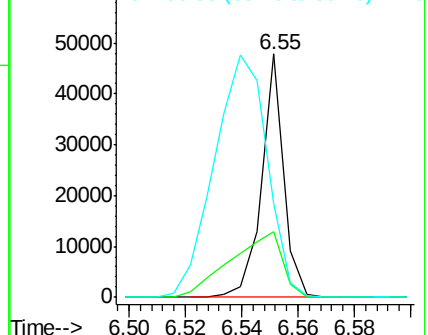
66 38.5 16.2 56.2



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: 13.36 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Tgt Ion: 70 Resp: 96941

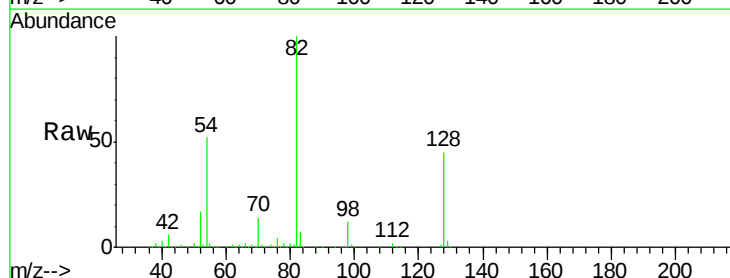
Ion Ratio Lower Upper

70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

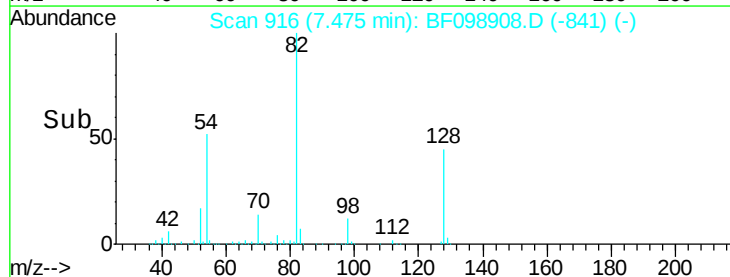
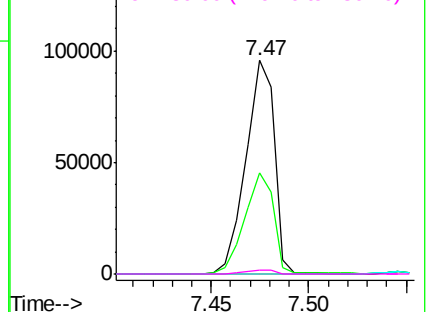


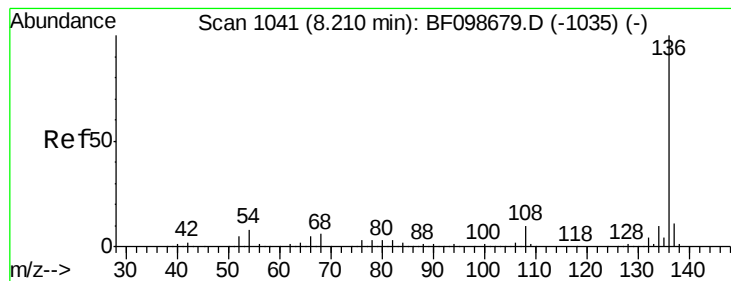
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 608824

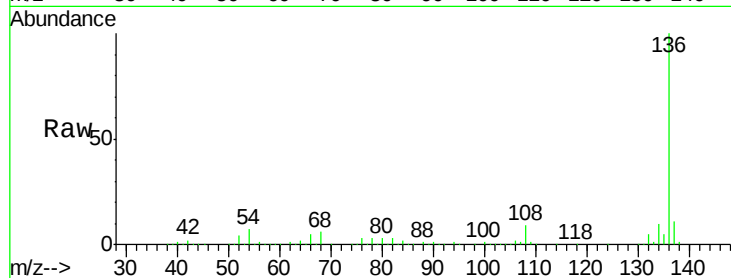
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

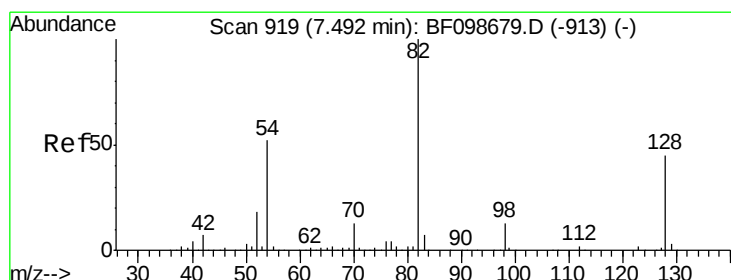
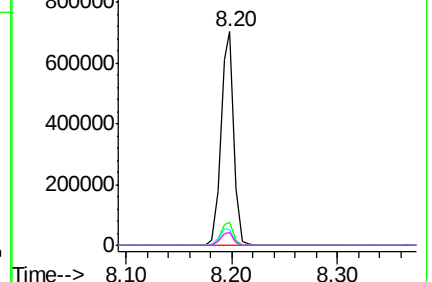
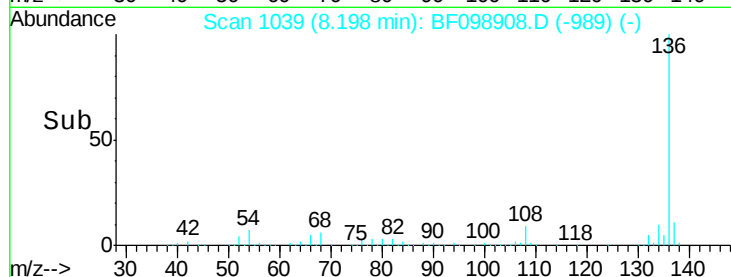


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.02 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

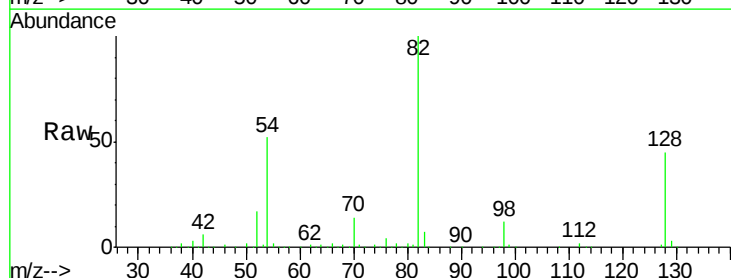
Tgt Ion: 82 Resp: 731186

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

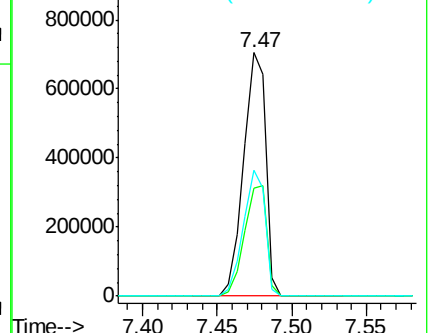
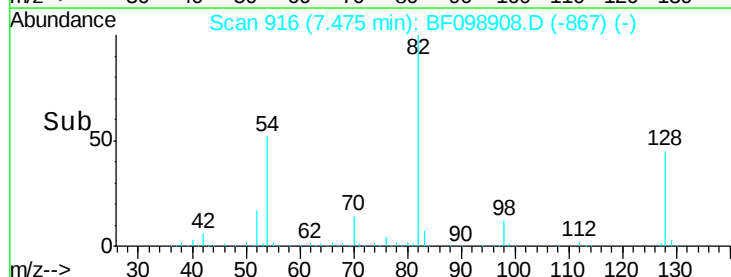
54 51.8 41.4 62.2

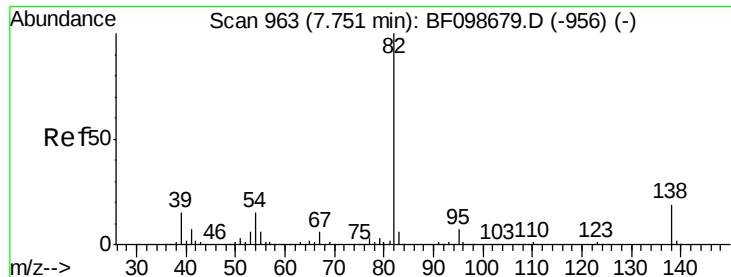


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.09 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampled :

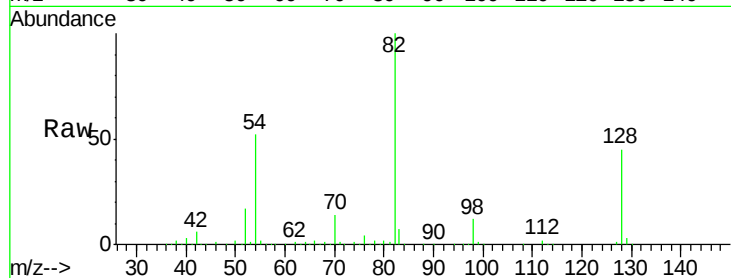
Tot Ion: 82 Resp: 728009

Ion Ratio Lower Upper

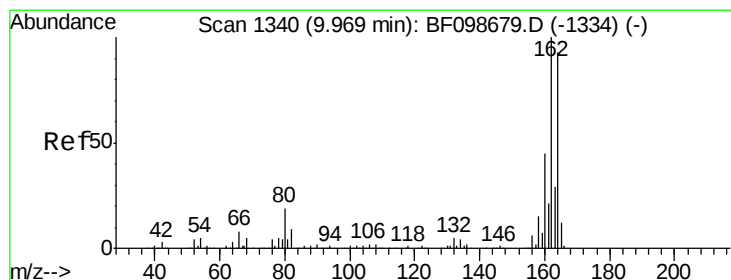
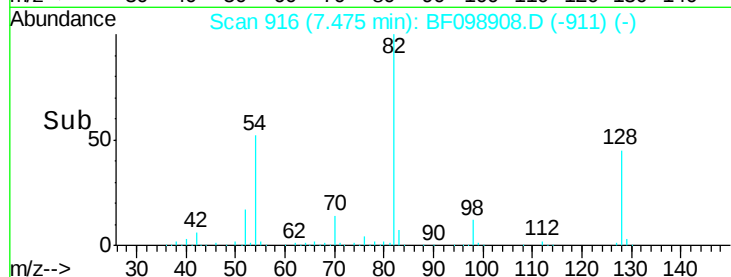
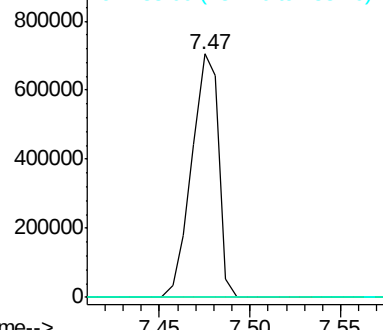
82 100

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: BF098908.D

Acq: 28 Sep 2017 15:03

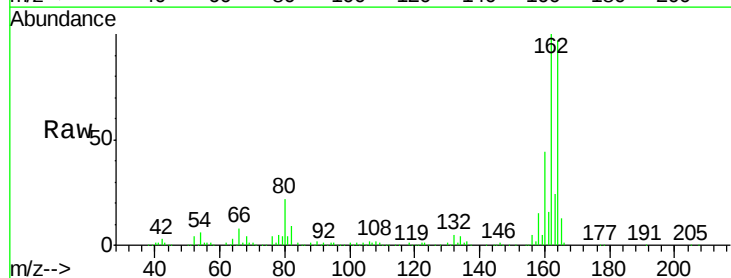
Tgt Ion: 164 Resp: 266489

Ion Ratio Lower Upper

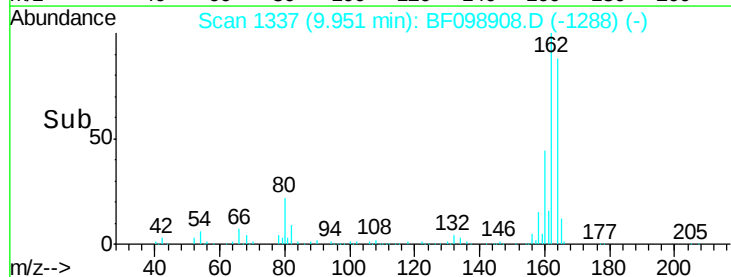
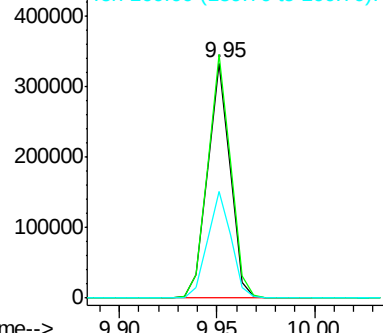
164 100

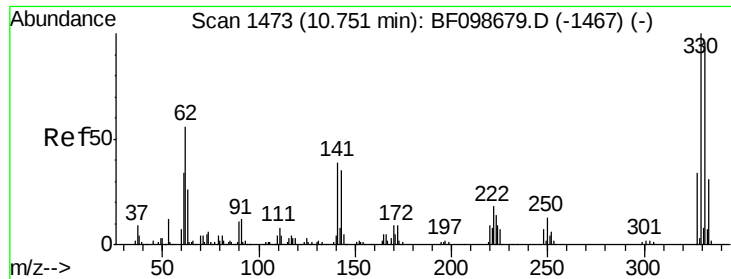
162 103.6 86.1 129.1

160 45.5 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

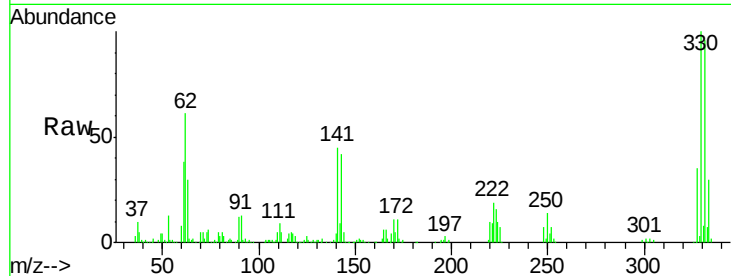




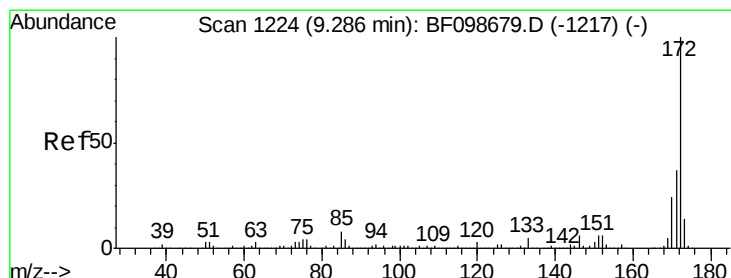
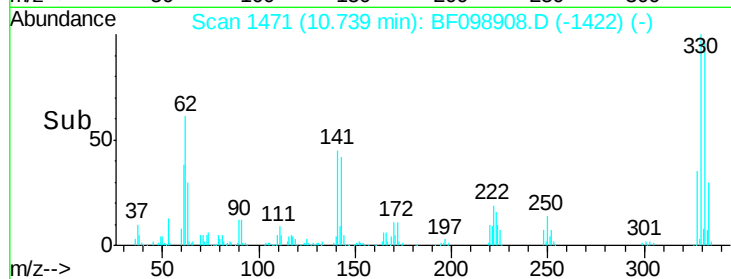
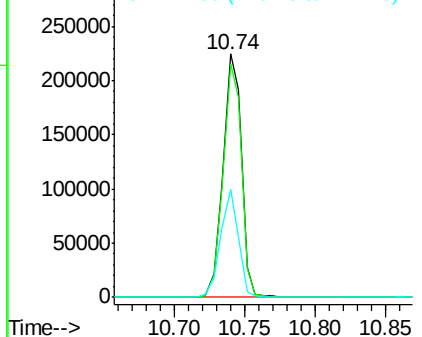
#41
 2,4,6-Tribromophenol
 Concen: 93.40 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098908.D
 Acq: 28 Sep 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	43.3	29.9	44.9

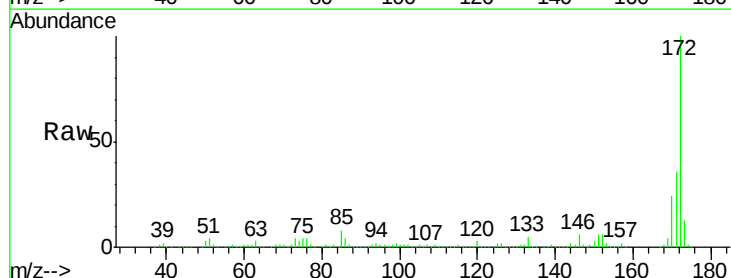


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

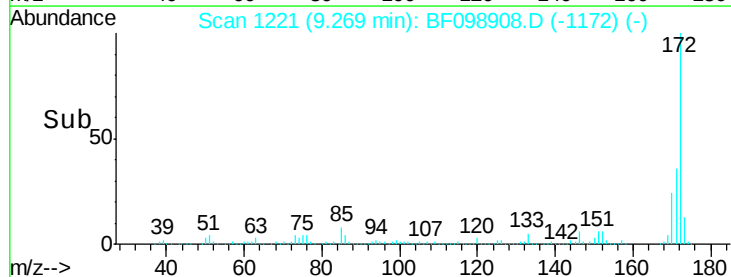
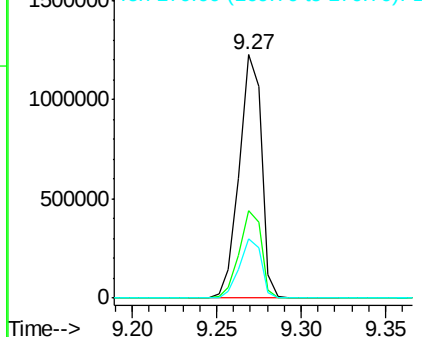


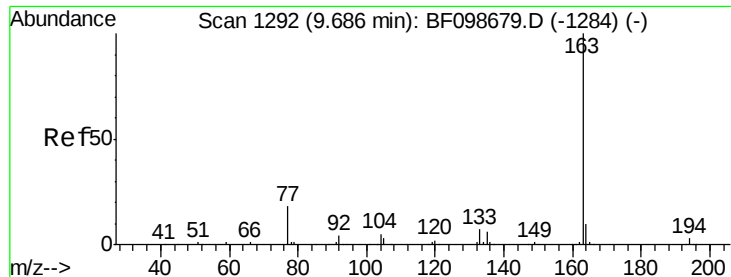
#44
 2-Fluorobiphenyl
 Concen: 70.68 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098908.D
 Acq: 28 Sep 2017 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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: 13.46 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

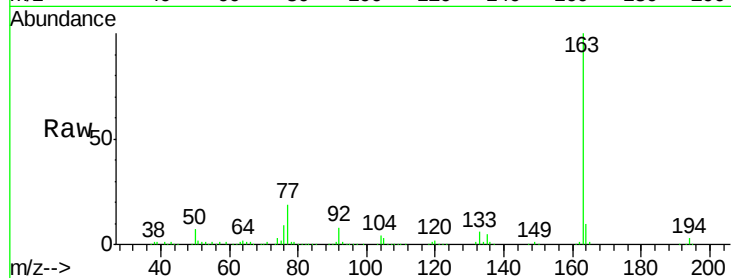
Tot Ion:163 Resp: 270691

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

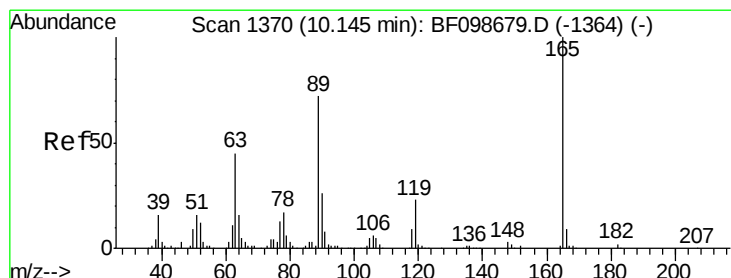
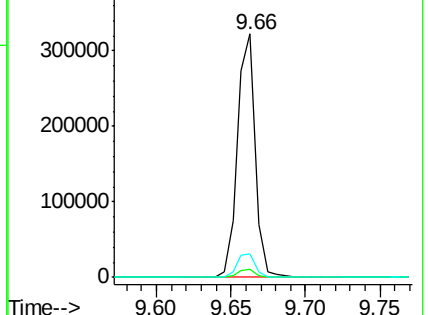
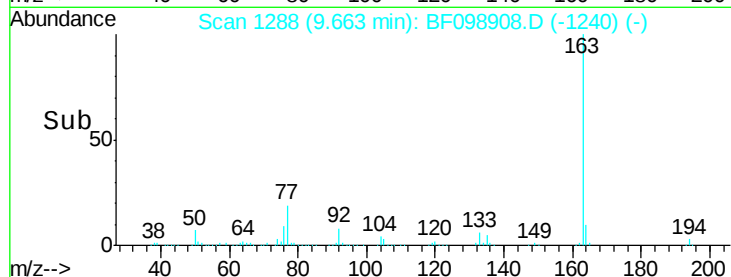
164 9.7 8.2 12.2



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: 6.15 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Tgt Ion:165 Resp: 34952

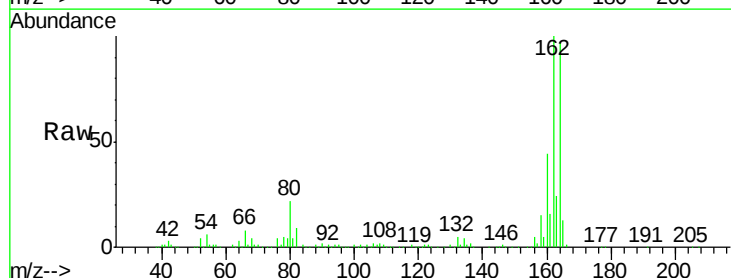
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

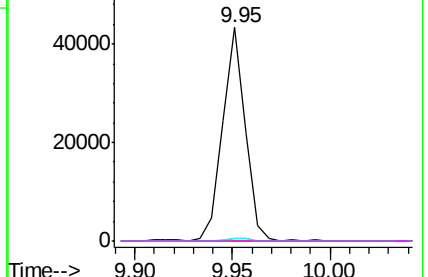
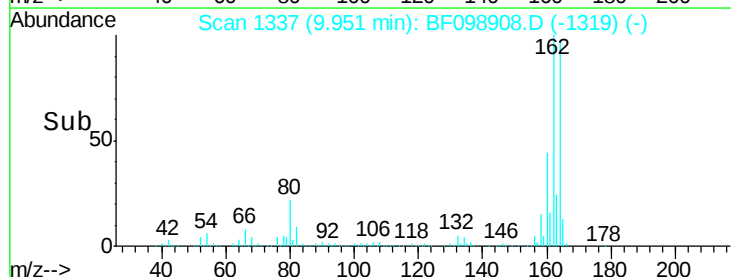


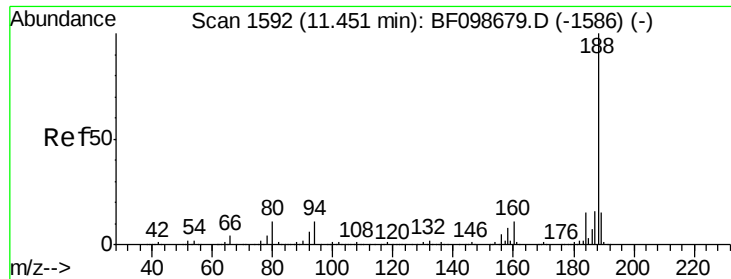
Abundance Ion 165.00 (164.70 to 165.70): E

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

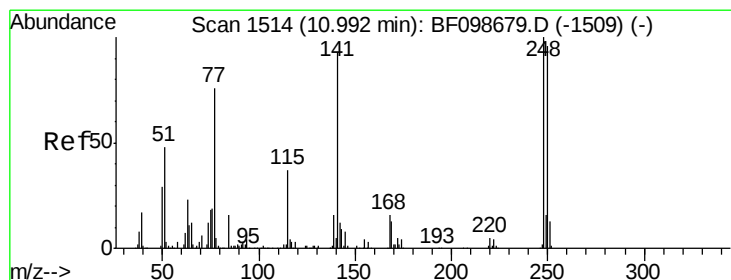
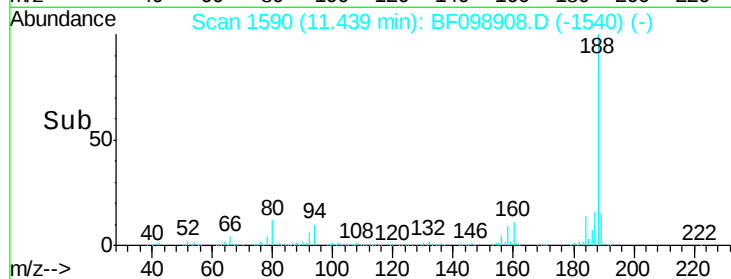
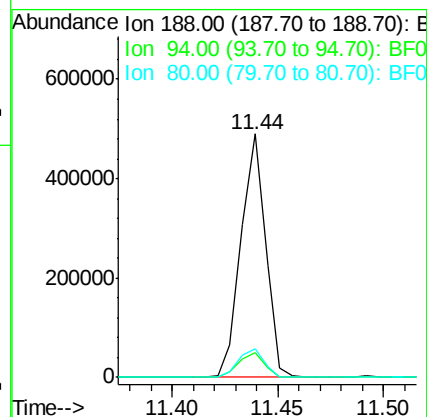
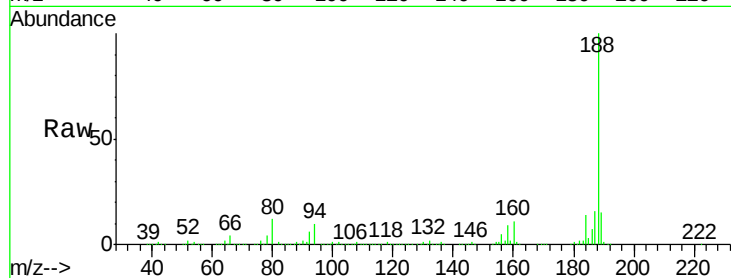




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

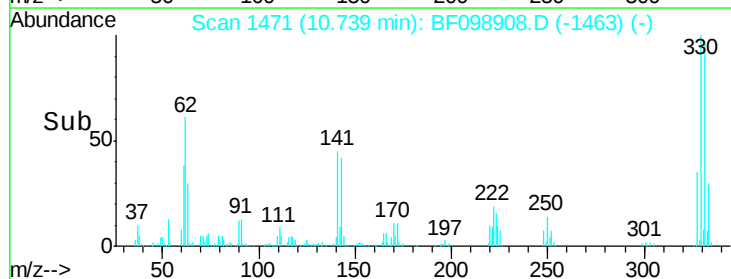
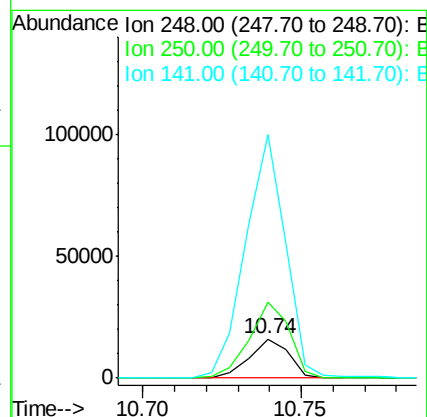
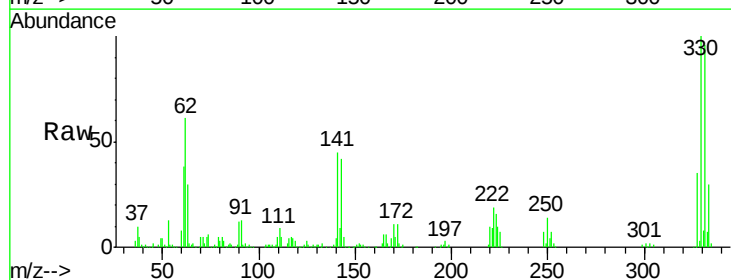
Instrument :
BNA_F
ClientSampleId :

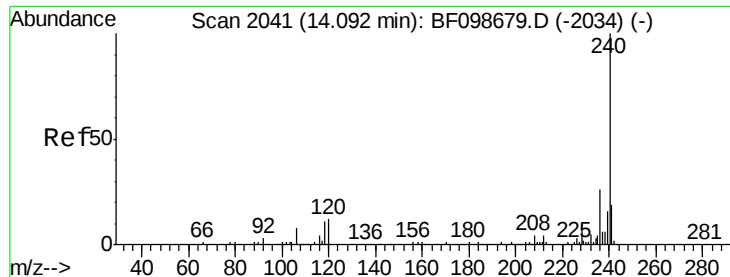
Tot Ion:188 Resp: 395577
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion:248 Resp: 14034
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 622.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

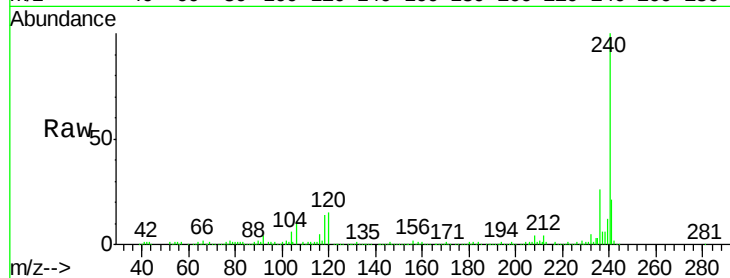
Tot Ion:240 Resp: 260525

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

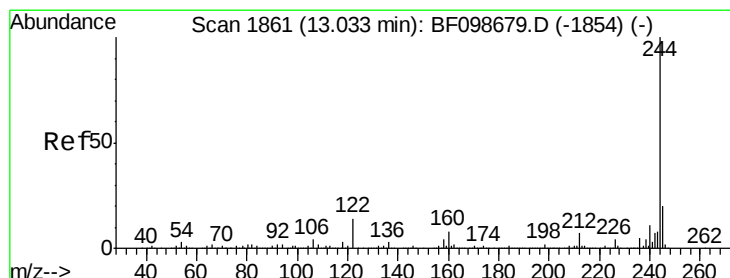
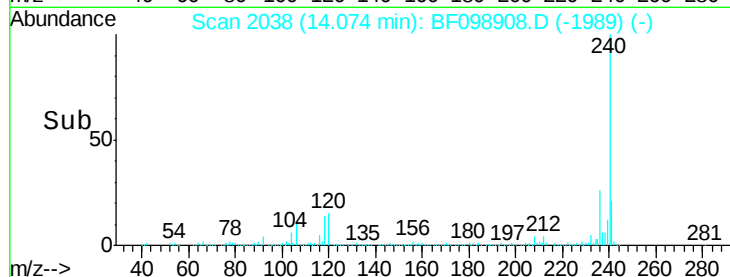
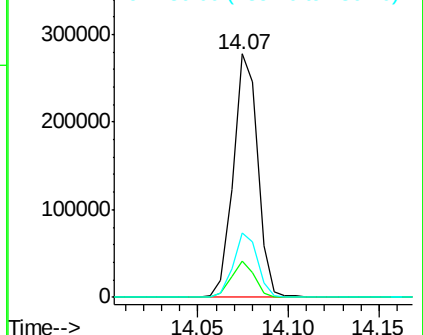
236 26.4 20.7 31.1



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: 63.09 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

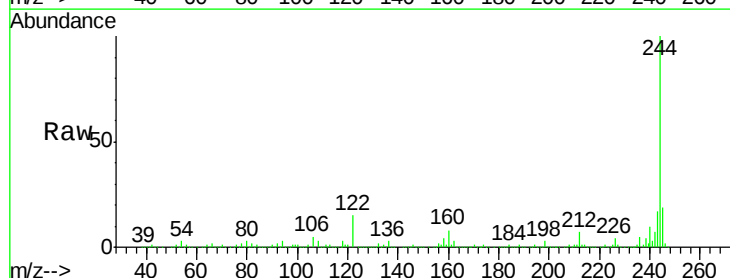
Tgt Ion:244 Resp: 722710

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

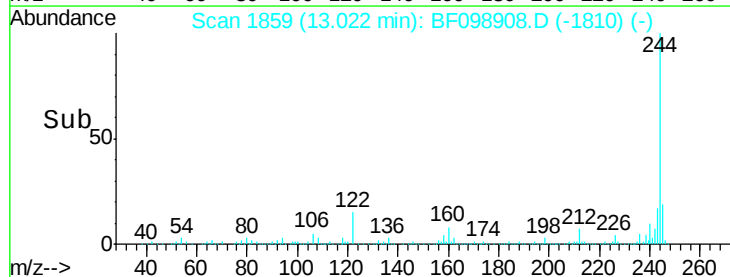
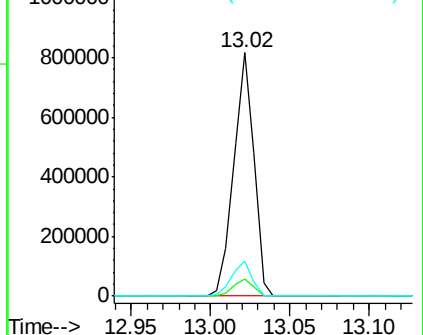
122 14.5 11.0 16.4

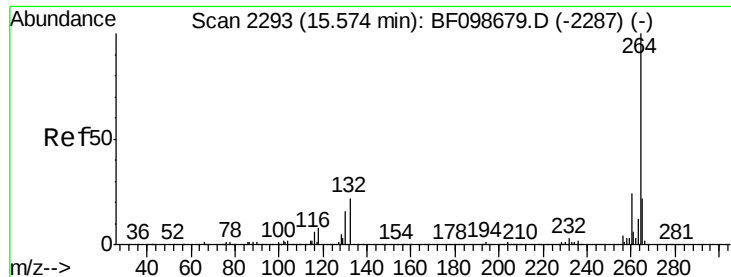


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

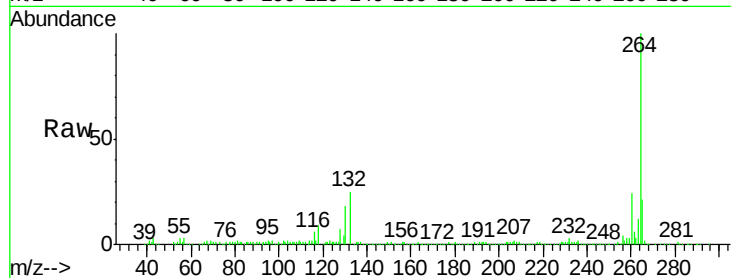




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098908.D
 Acq: 28 Sep 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	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

