

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098952.D
 Acq On : 29 Sep 2017 17:09
 Operator : SJ/JU
 Sample : I5481-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 17:34:01 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

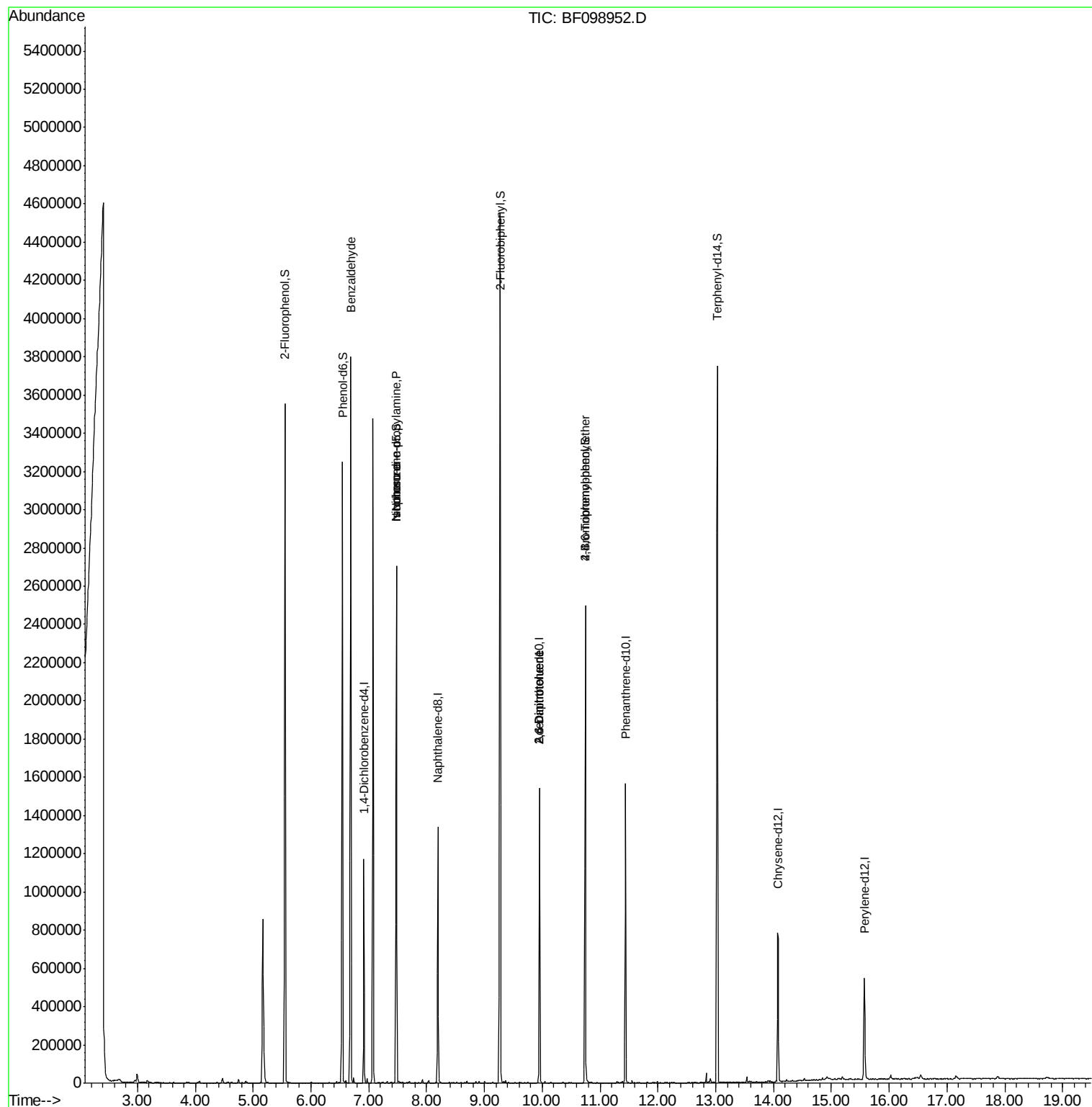
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156785	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	673890	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	307277	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	506045	20.00	ng	0.00
75) Chrysene-d12	14.08	240	265474	20.00	ng	0.00
86) Perylene-d12	15.57	264	239933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1199951	121.84	ng	0.01
7) Phenol-d6	6.55	99	1299347	106.94	ng	0.00
23) Nitrobenzene-d5	7.48	82	1009917	96.11	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	326281	129.77	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1697679	92.23	ng	0.00
78) Terphenyl-d14	13.03	244	1279538	109.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	27178	3.856	ng	85
19) n-Nitroso-di-n-propylamine	7.48	70	132630	17.098	ng	# 77
25) Isophorone	7.48	82	1001965	46.119	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	39881	7.899	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	39881	6.086	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	21566	4.354	ng	# 1

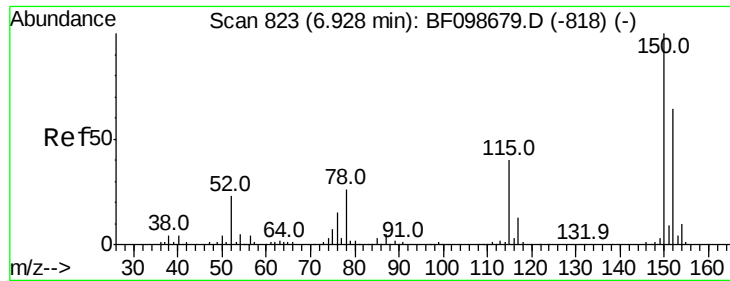
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 29 Sep 2017 17:09
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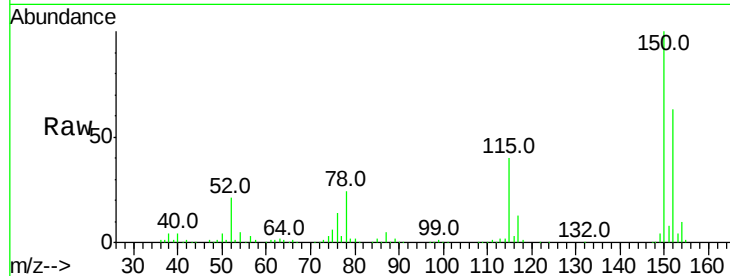


#1

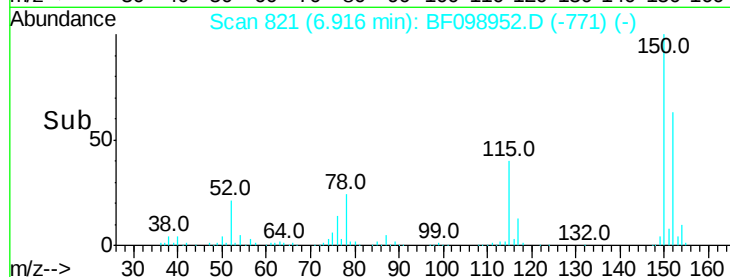
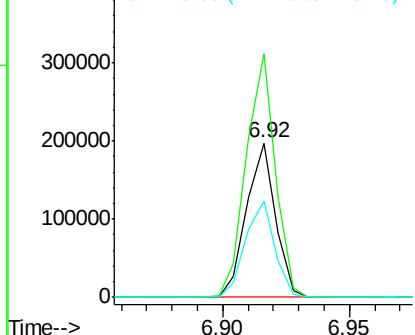
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156785
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.8 50.1 75.1



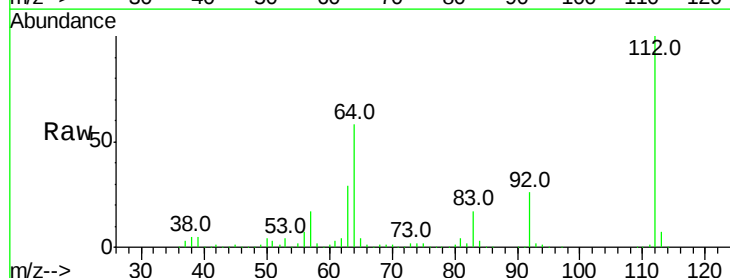
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



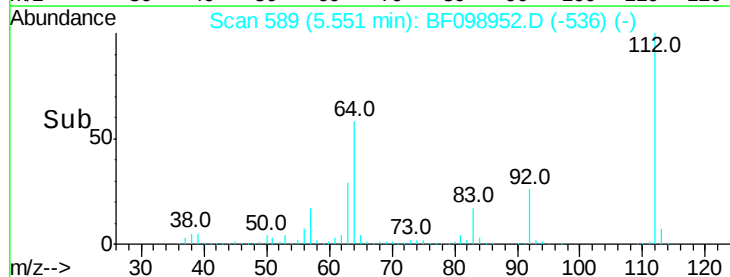
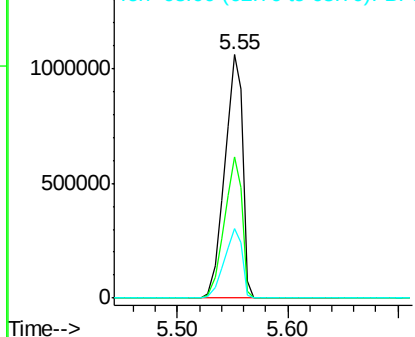
#5

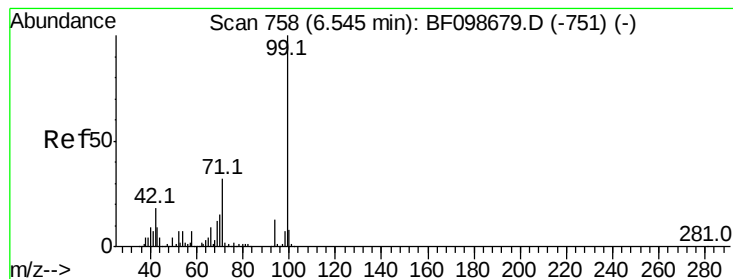
2-Fluorophenol
Concen: 121.836 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Tgt Ion:112 Resp: 1199951
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.7 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: 106.944 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

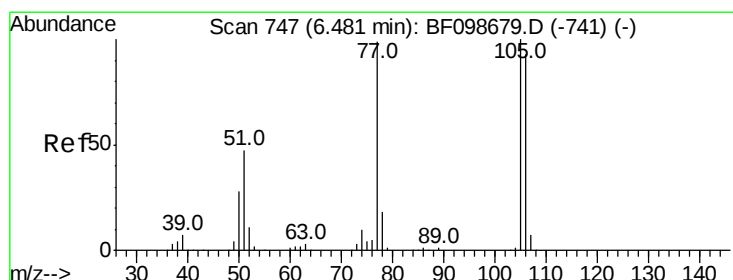
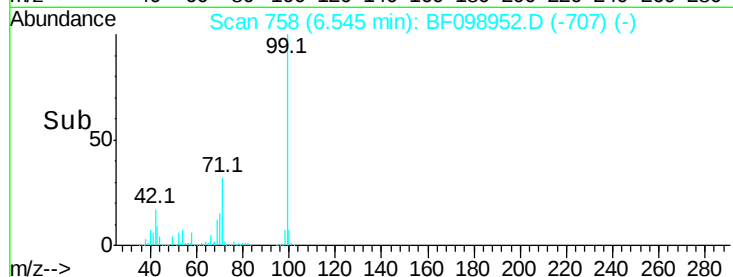
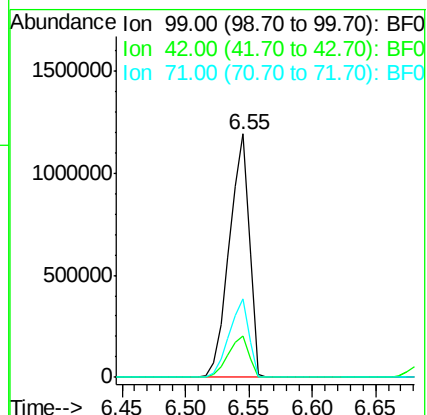
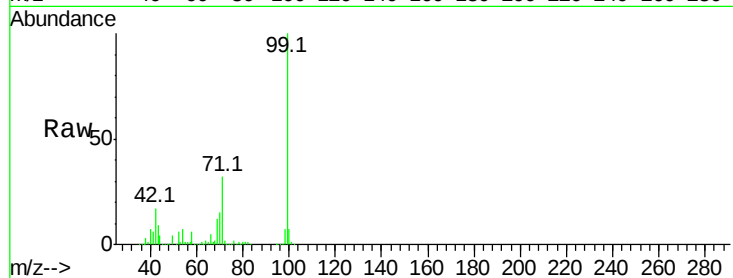
Tot Ion: 99 Resp: 1299347

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.3 25.4 38.0



#9

Benzaldehyde

Concen: 3.856 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

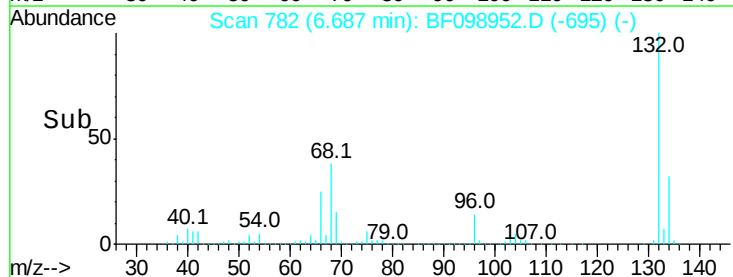
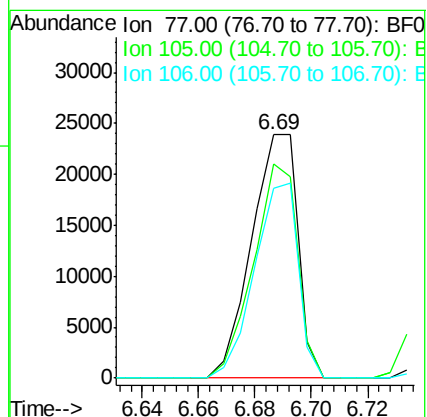
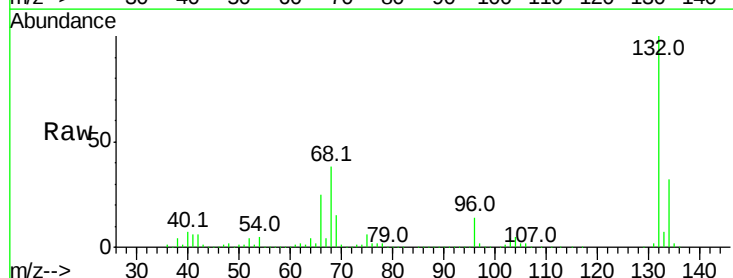
Tgt Ion: 77 Resp: 27178

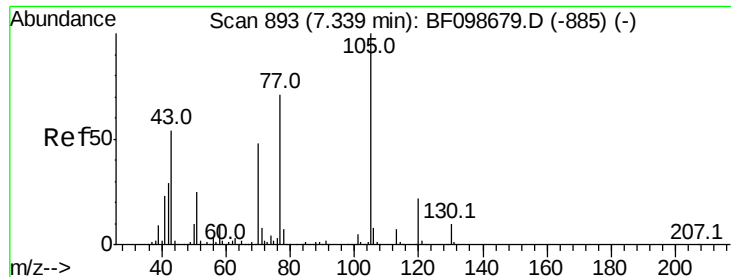
Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

106 77.9 74.5 114.5

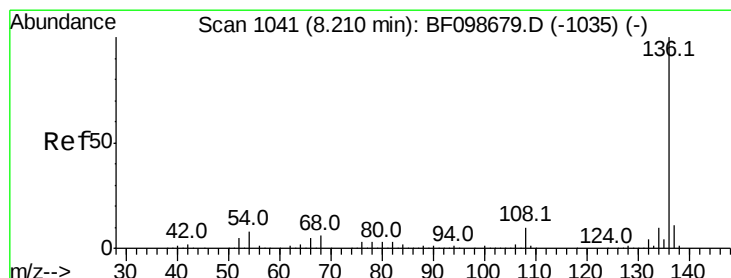
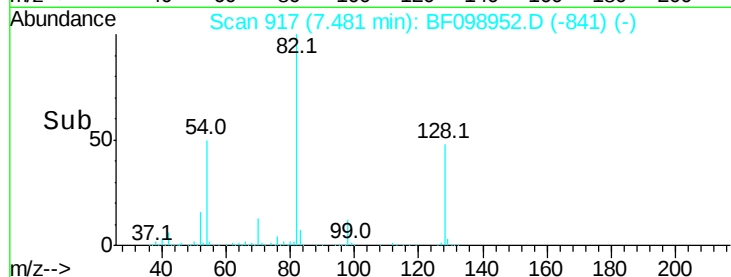
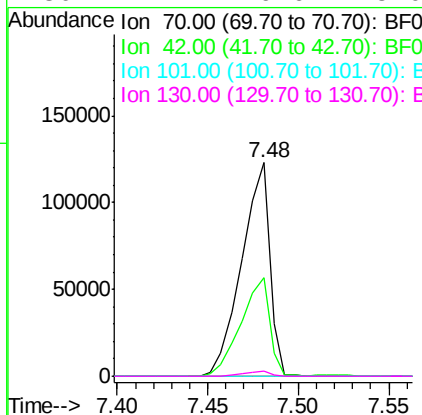
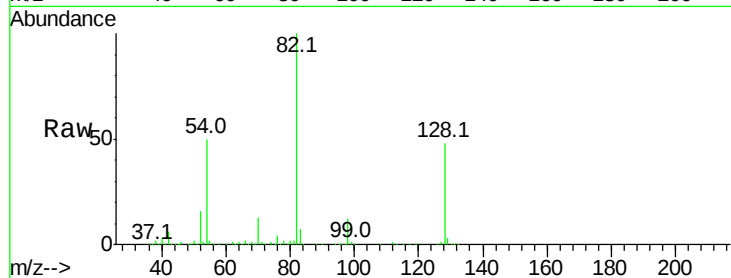




#19
n-Nitroso-di-n-propylamine
Concen: 17.098 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

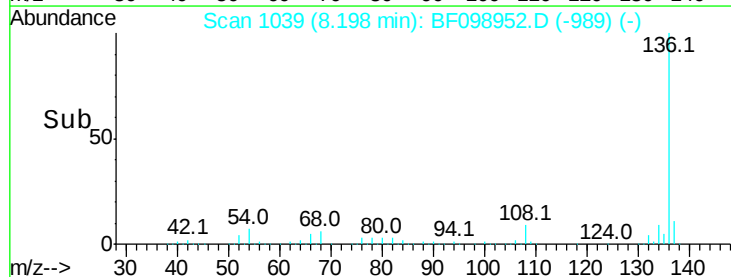
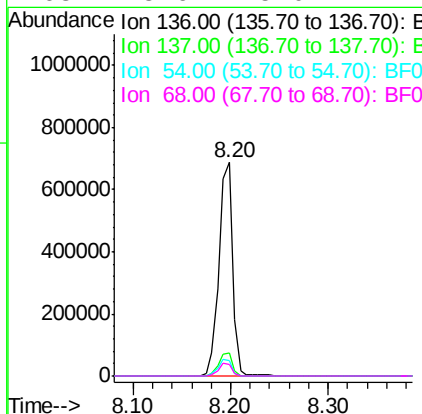
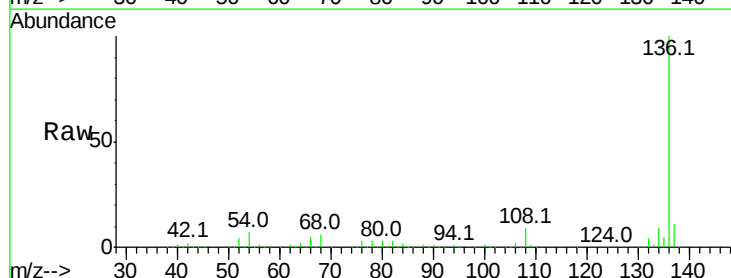
Instrument :
BNA_F
ClientSampleId :

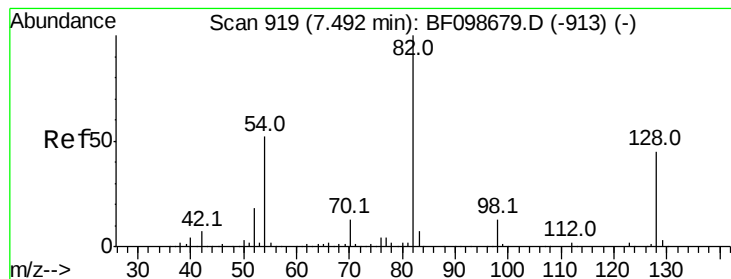
Tot Ion: 70 Resp: 132630
Ion Ratio Lower Upper
70 100
42 46.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Tgt Ion:136 Resp: 673890
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.108 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

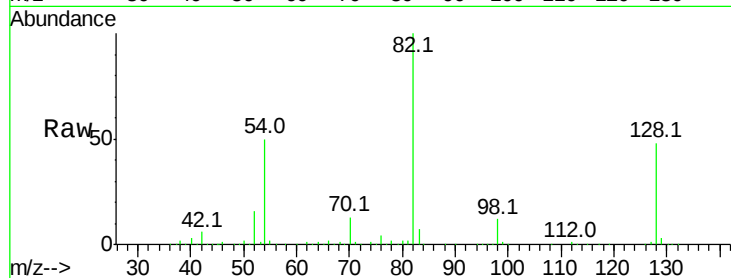
Tot Ion: 82 Resp: 1009917

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

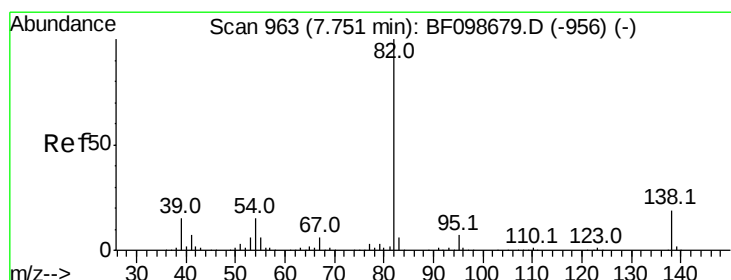
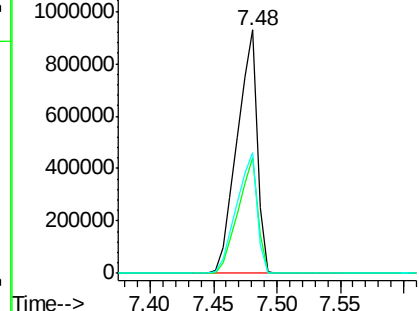
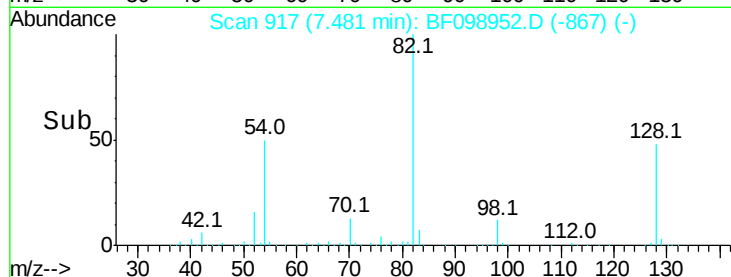
54 49.5 41.4 62.2



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: 46.119 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

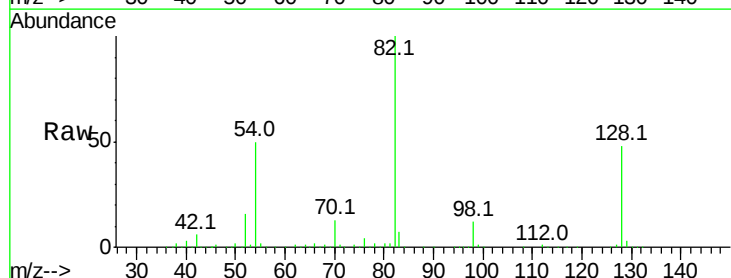
Tgt Ion: 82 Resp: 1001965

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

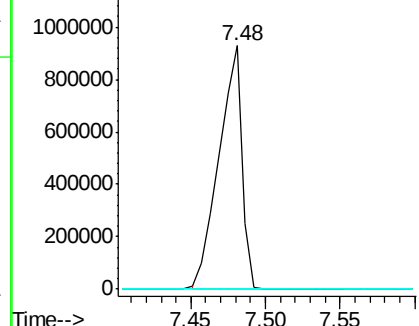
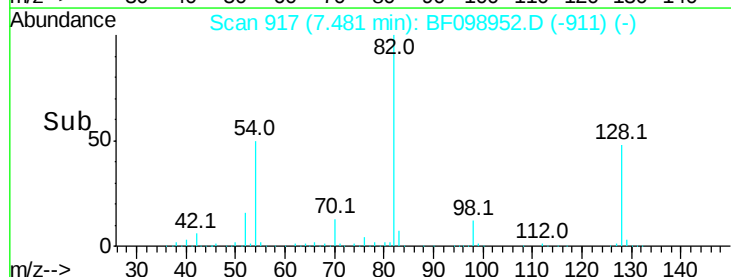
138 0.0 14.9 22.3#

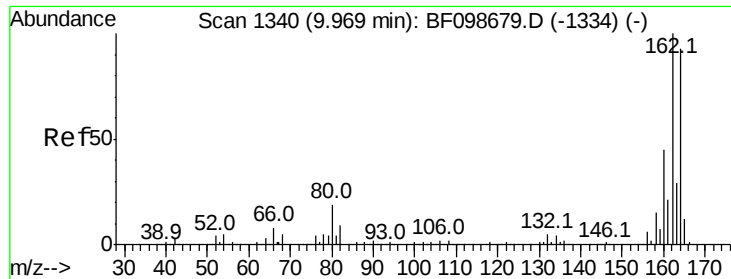


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

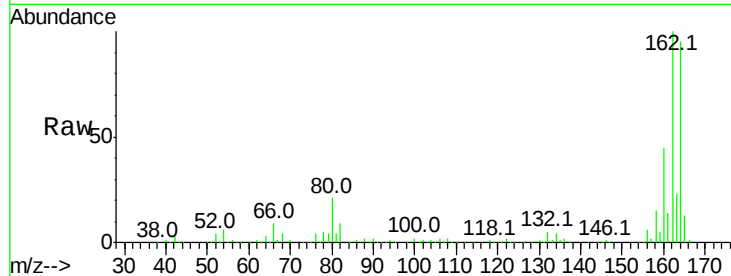




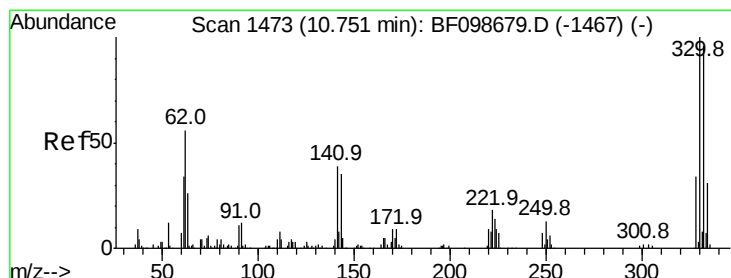
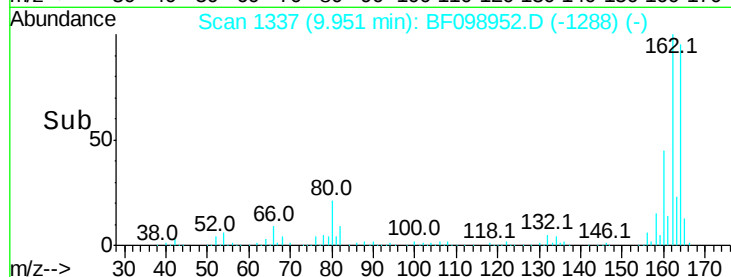
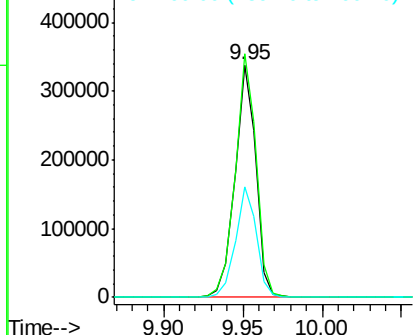
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 307277
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 47.4 38.3 57.5

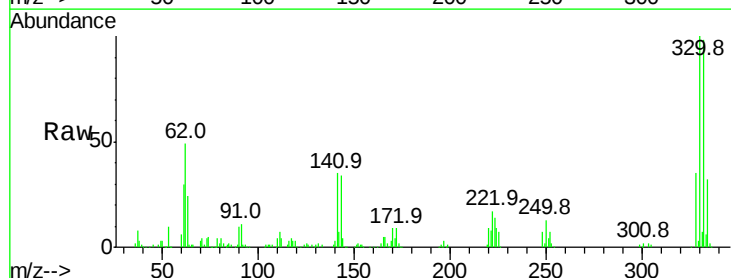


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

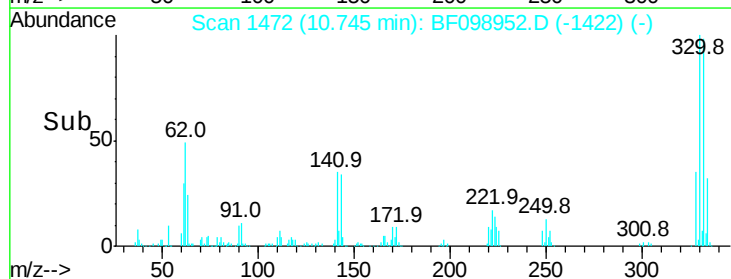
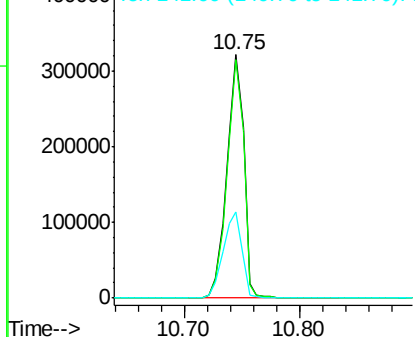


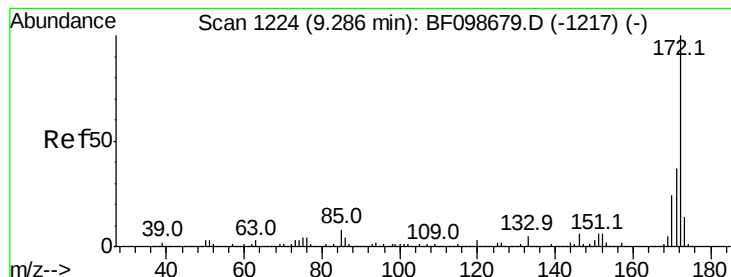
#41
2,4,6-Tribromophenol
Concen: 129.767 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Tgt Ion:330 Resp: 326281
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 39.1 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: 92.234 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

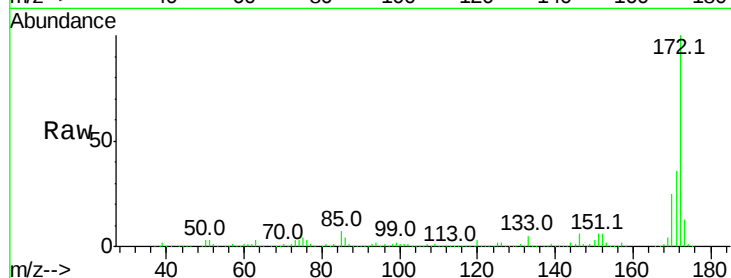
Tot Ion:172 Resp: 1697679

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

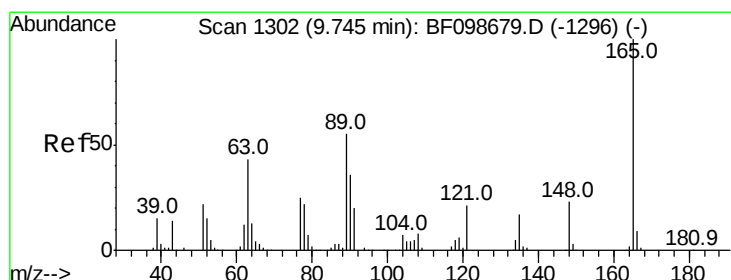
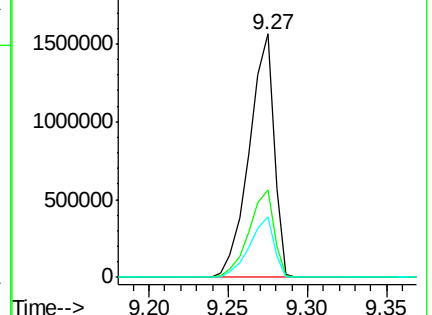
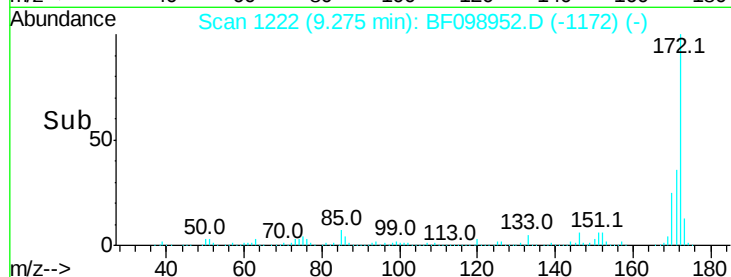
170 24.7 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.899 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

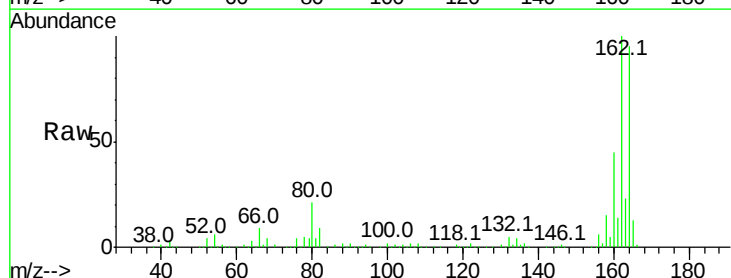
Tgt Ion:165 Resp: 39881

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

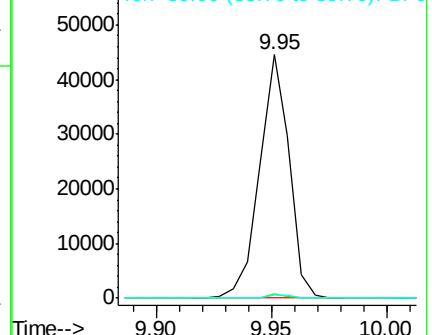
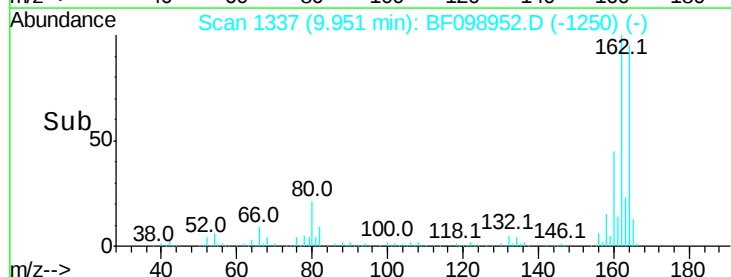
89 1.3 44.0 66.0#



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: 6.086 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 39881

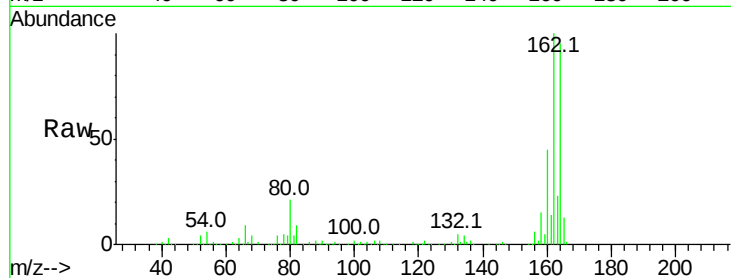
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

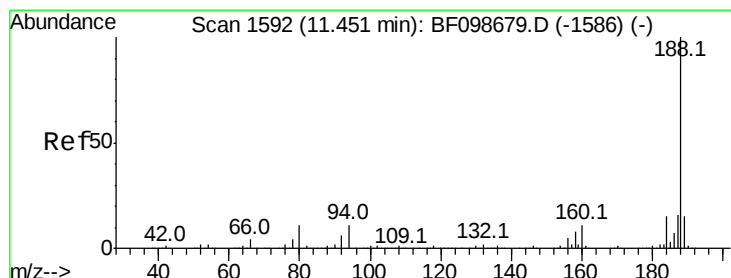
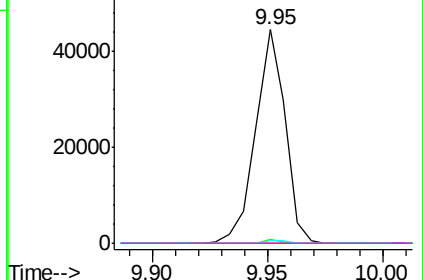
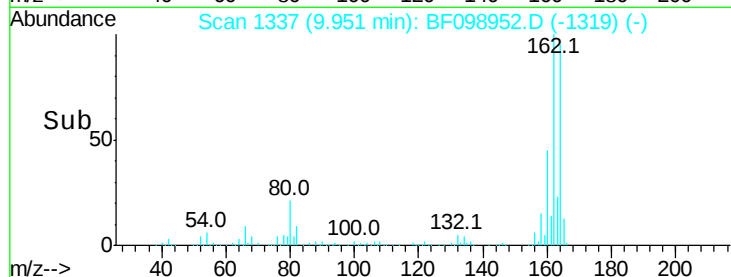


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

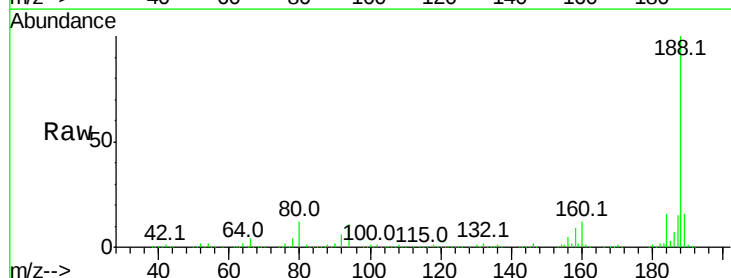
Tgt Ion:188 Resp: 506045

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

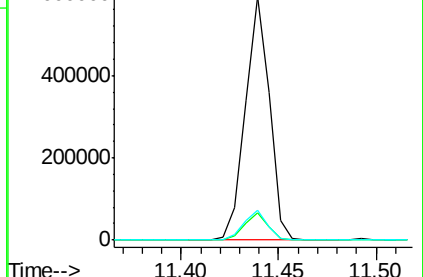
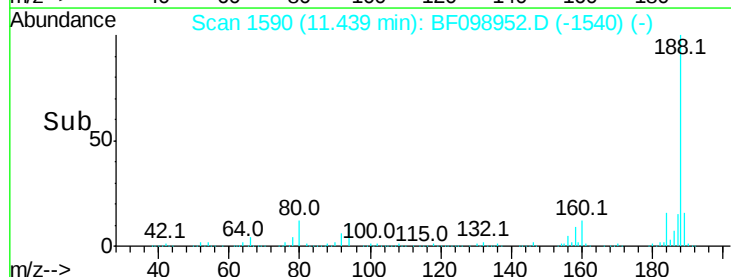
80 12.2 9.2 13.8

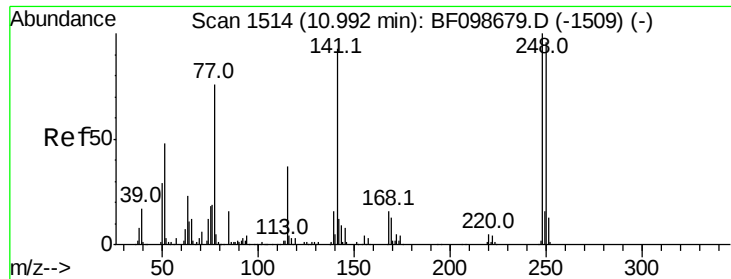


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

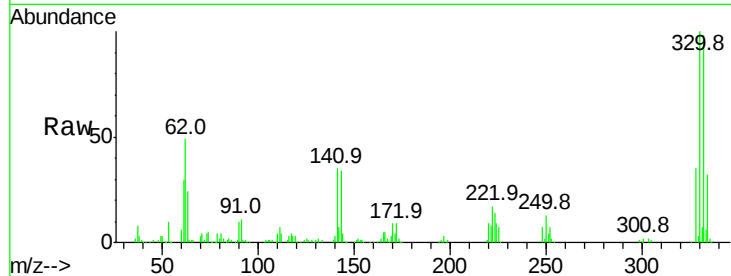




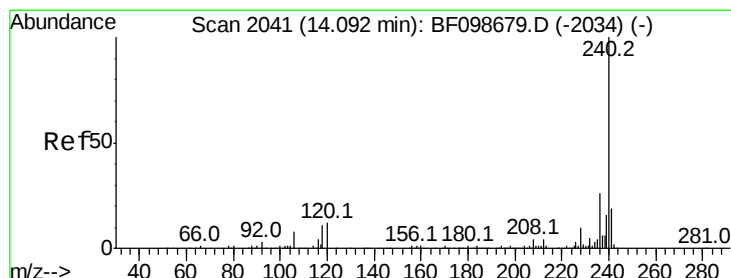
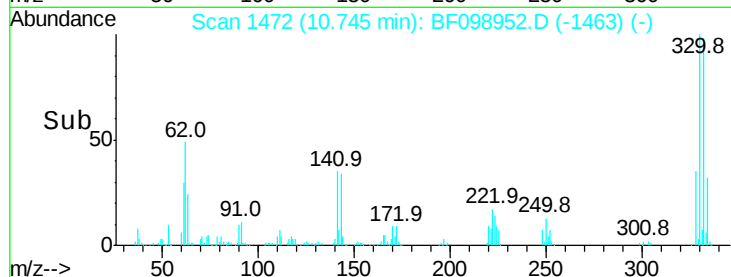
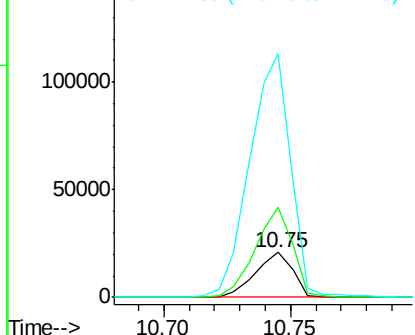
#66
4-Bromophenyl-phenylether
Concen: 4.354 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21566
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 539.3 74.4 111.6#

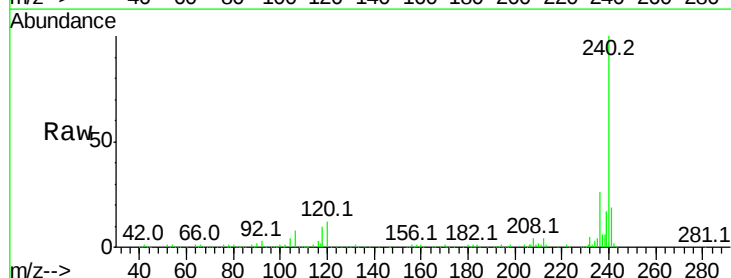


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

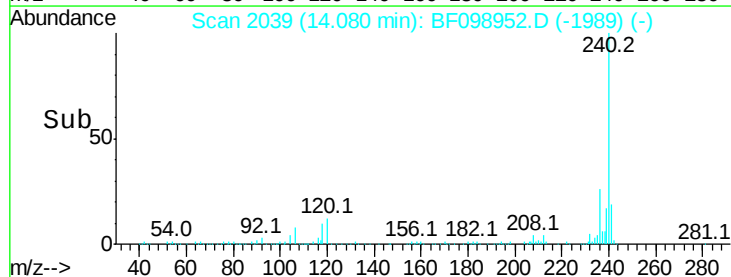
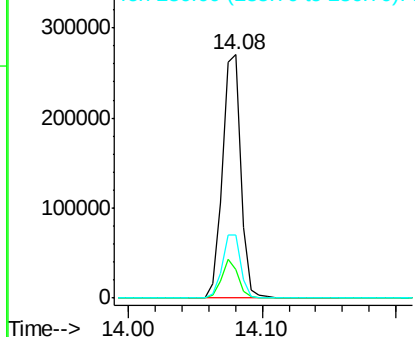


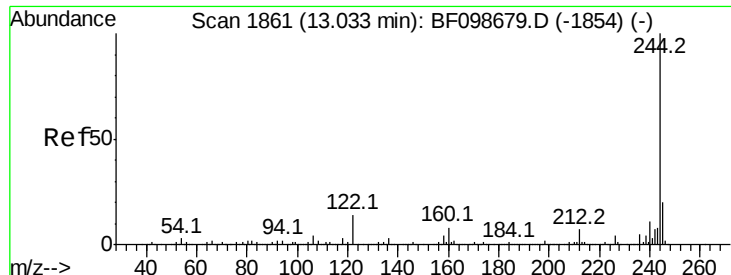
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098952.D
Acq: 29 Sep 2017 17:09

Tgt Ion:240 Resp: 265474
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.7 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: 109.613 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

Instrument :

BNA_F

ClientSampleId :

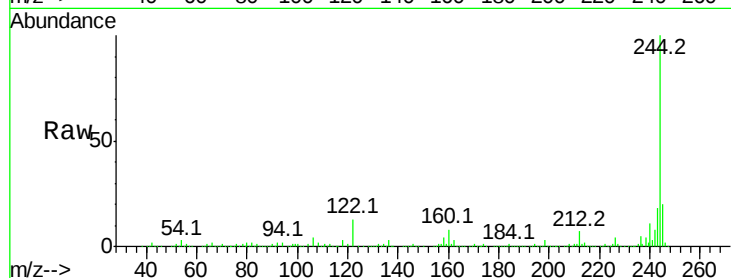
Tot Ion:244 Resp: 1279538

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

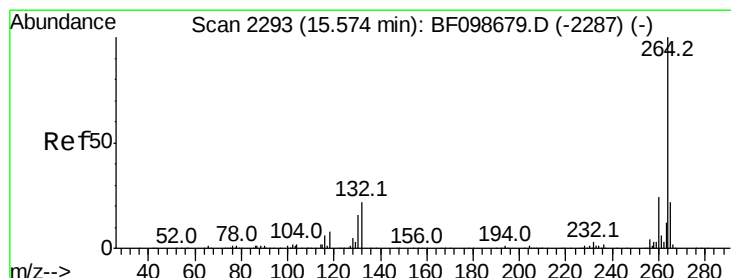
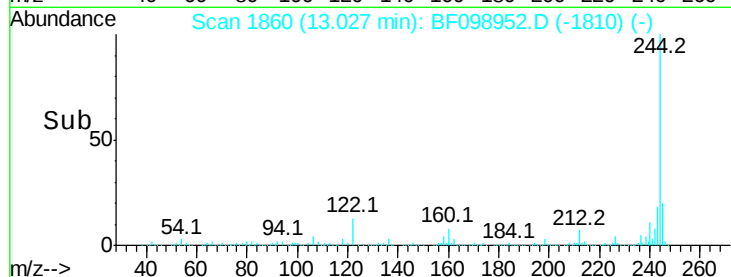
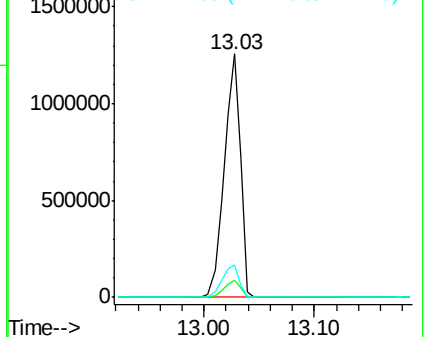
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098952.D

Acq: 29 Sep 2017 17:09

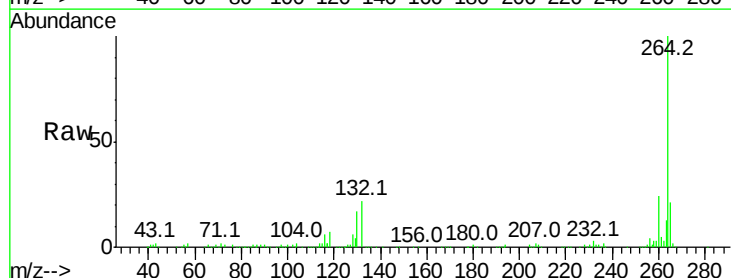
Tgt Ion:264 Resp: 239933

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.5 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

