

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098953.D
 Acq On : 29 Sep 2017 17:36
 Operator : SJ/JU
 Sample : I5475-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 18:06:32 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

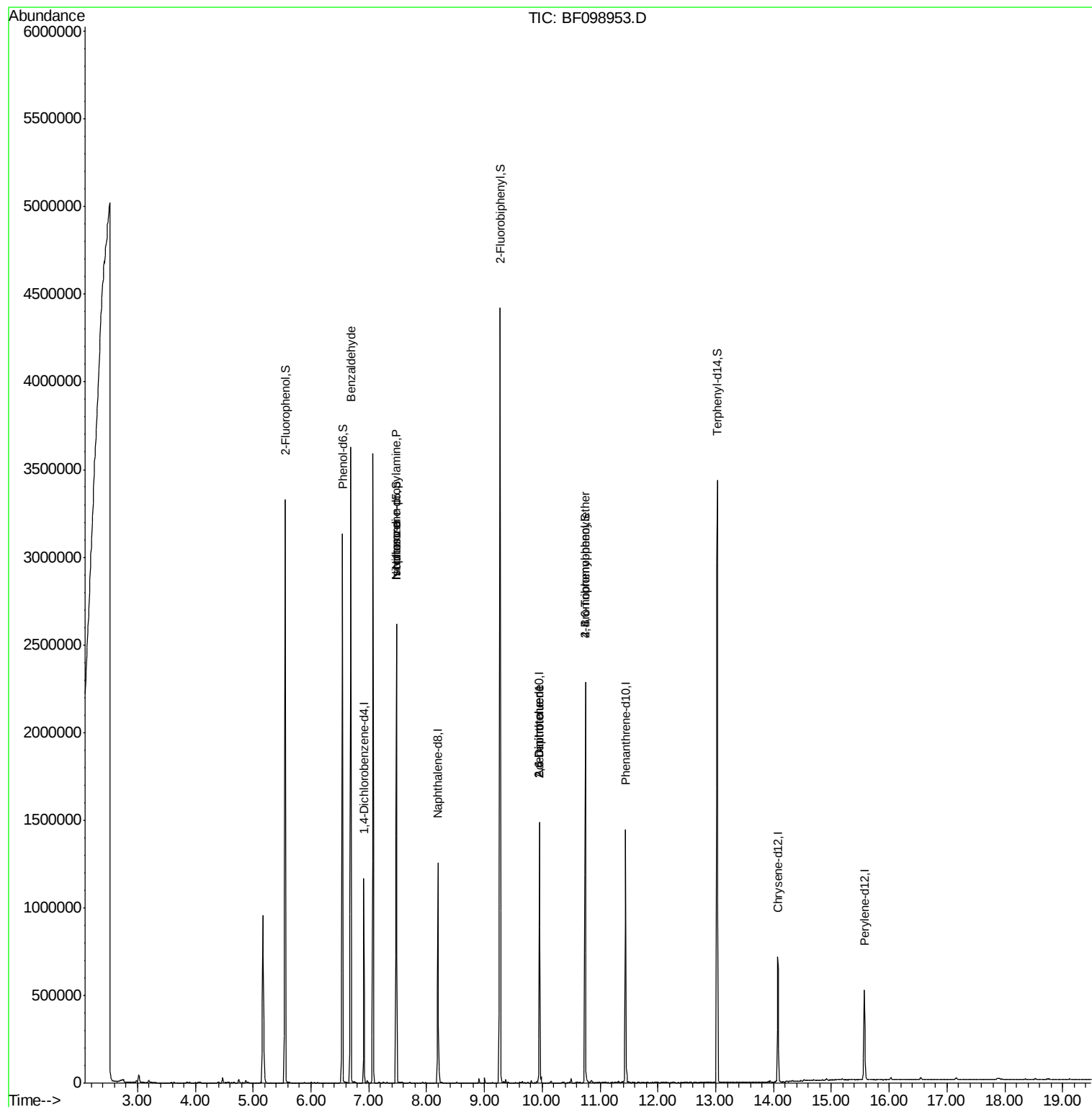
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	151268	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	634493	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	283747	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	460240	20.00	ng	0.00
75) Chrysene-d12	14.07	240	237515	20.00	ng	-0.01
86) Perylene-d12	15.57	264	237272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1111398	116.96	ng	0.02
7) Phenol-d6	6.55	99	1217178	103.84	ng	0.00
23) Nitrobenzene-d5	7.48	82	964585	97.49	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	289276	124.59	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1628818	95.83	ng	0.00
78) Terphenyl-d14	13.03	244	1147799	109.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	25422	3.739	ng	85
19) n-Nitroso-di-n-propylamine	7.48	70	126299	16.876	ng	# 78
25) Isophorone	7.48	82	958955	46.880	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	36292	7.784	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	36292	5.998	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	18988	4.215	ng	# 1

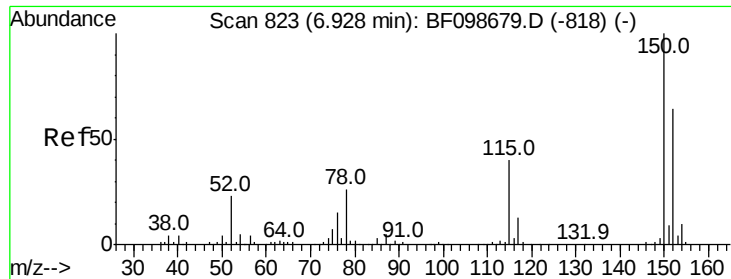
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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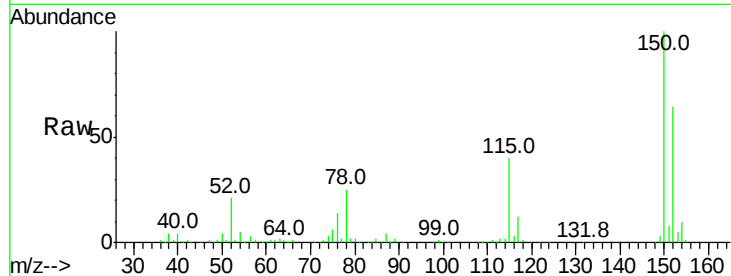


#1

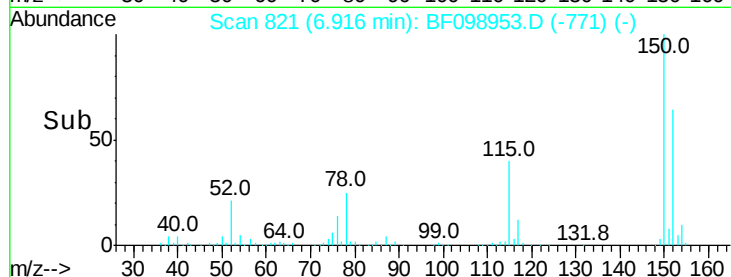
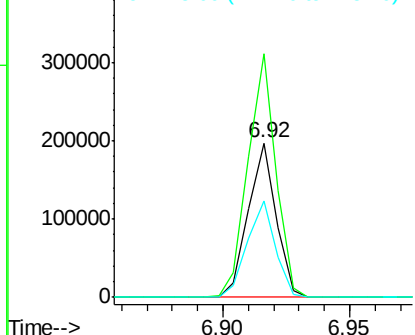
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151268
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.4 50.1 75.1



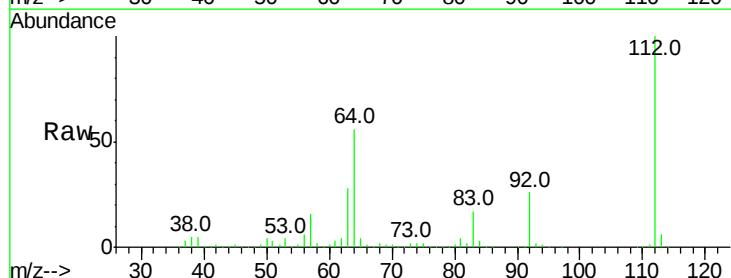
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



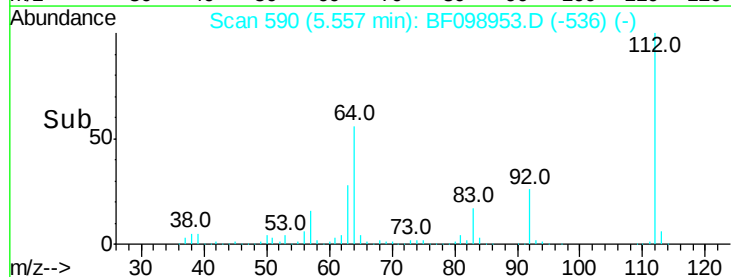
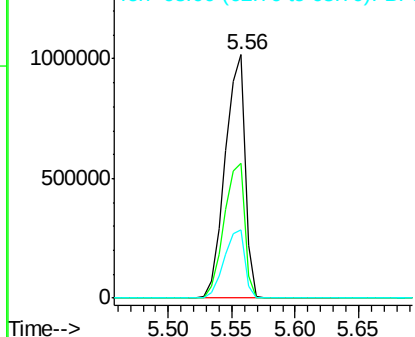
#5

2-Fluorophenol
Concen: 116.960 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:112 Resp: 1111398
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.1 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: 103.835 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

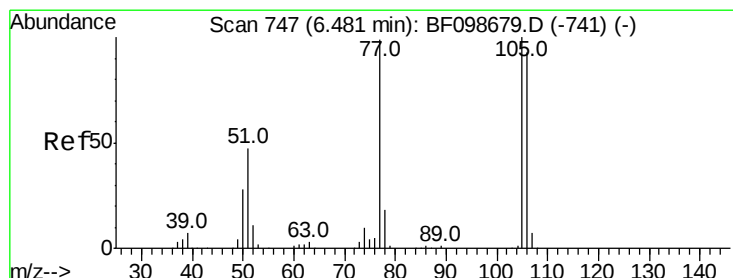
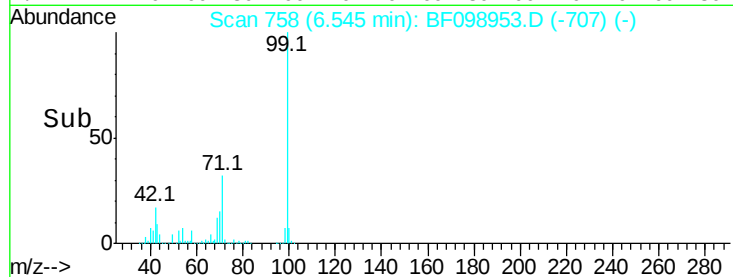
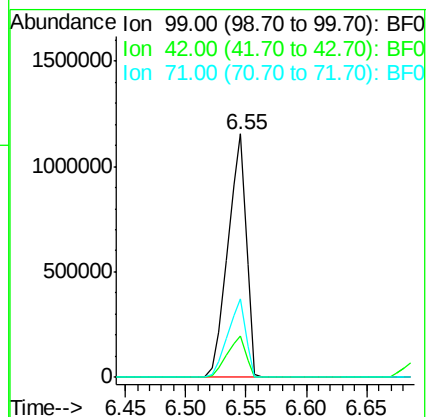
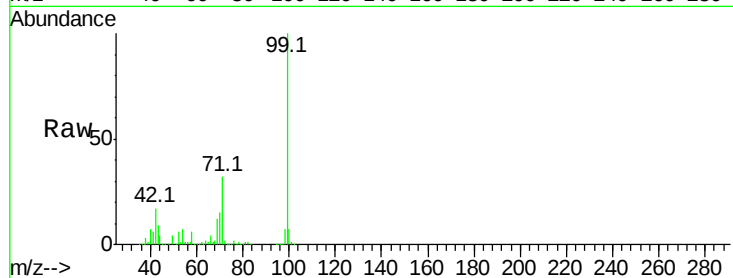
Tot Ion: 99 Resp: 1217178

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.4 25.4 38.0



#9

Benzaldehyde

Concen: 3.739 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

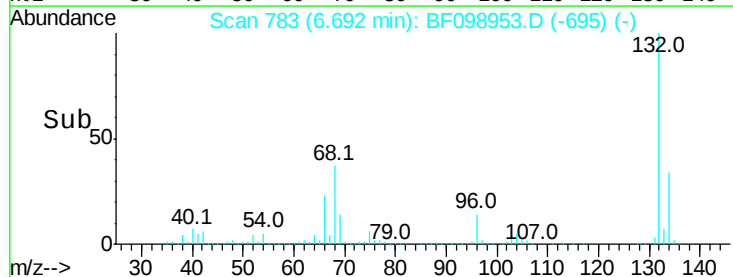
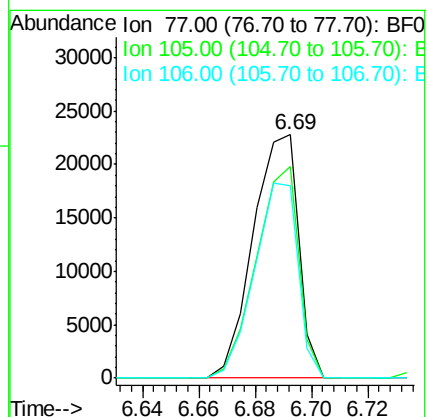
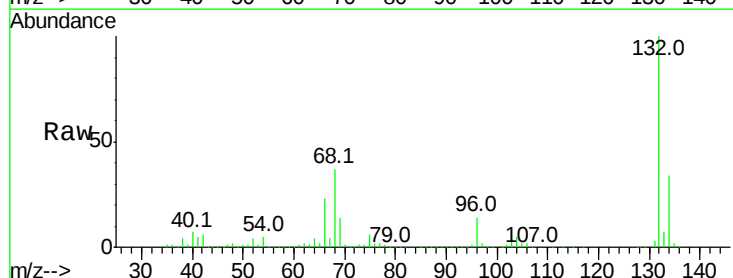
Tgt Ion: 77 Resp: 25422

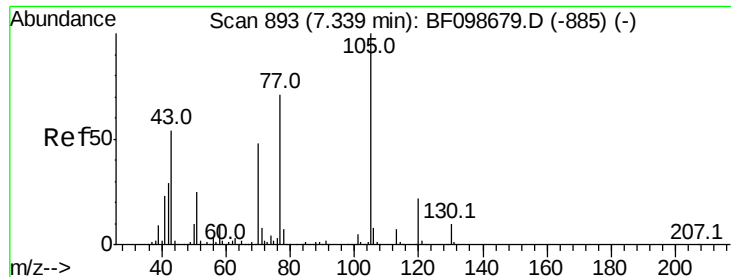
Ion Ratio Lower Upper

77 100

105 86.7 81.1 121.1

106 79.2 74.5 114.5

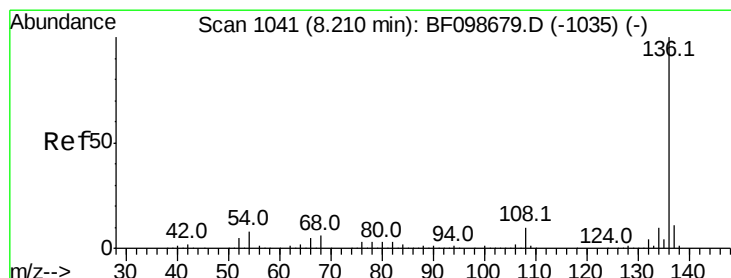
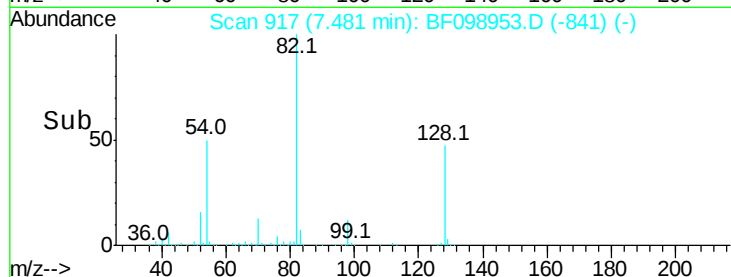
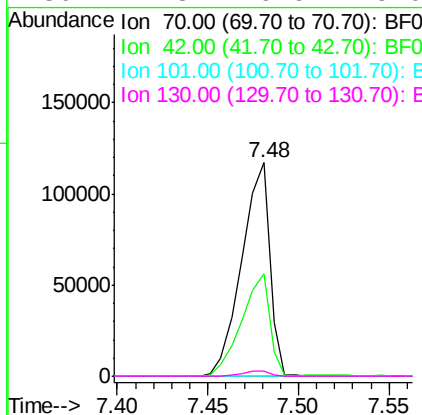
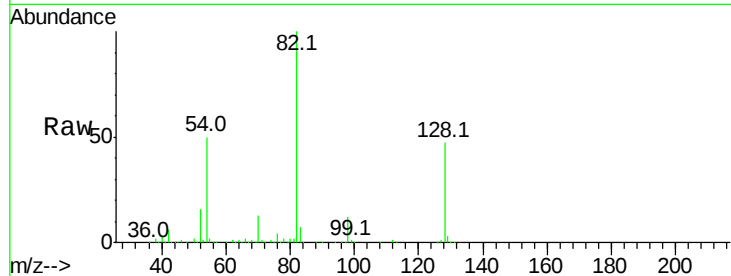




#19
n-Nitroso-di-n-propylamine
Concen: 16.876 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

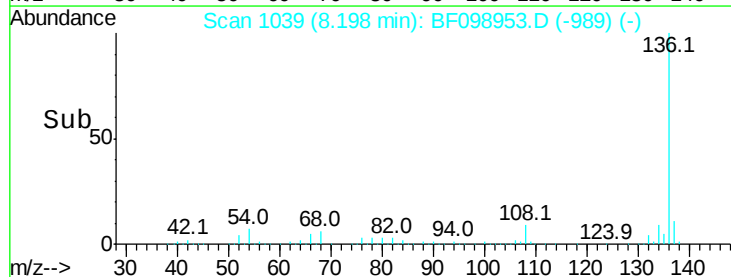
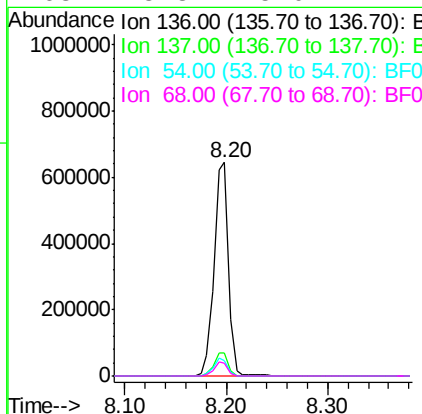
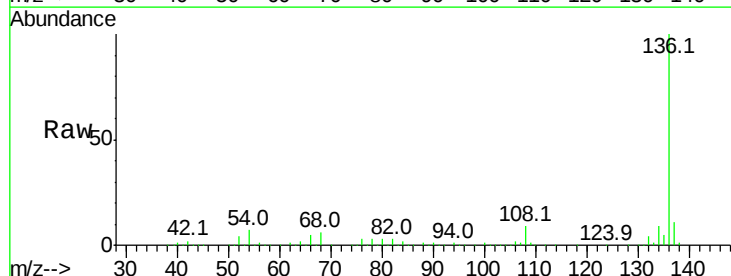
Instrument :
BNA_F
ClientSampleId :

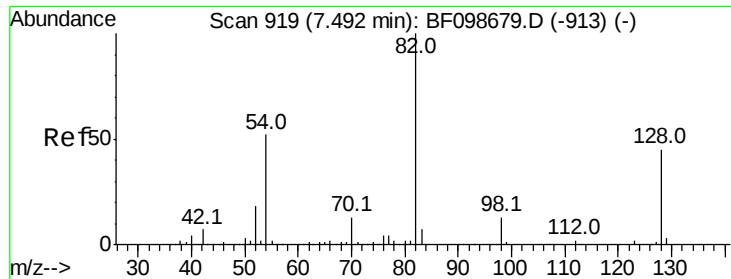
Tot Ion: 70 Resp: 126299
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:136 Resp: 634493
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 6.6 9.8
68 5.8 5.0 7.4

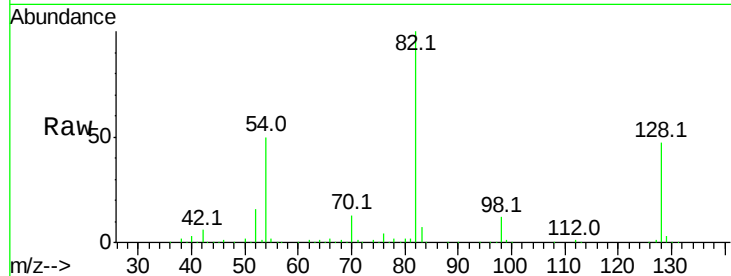




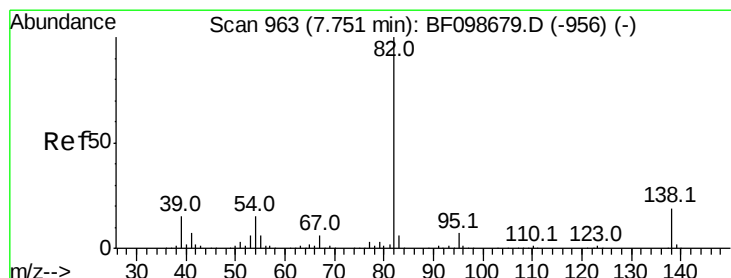
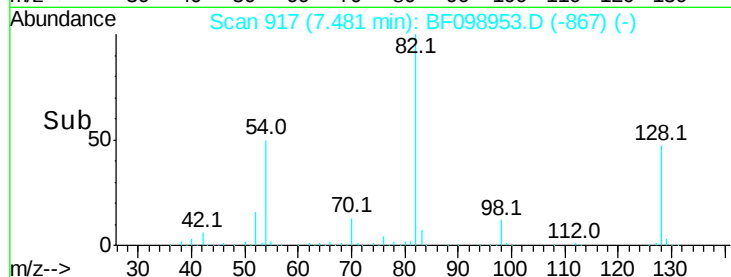
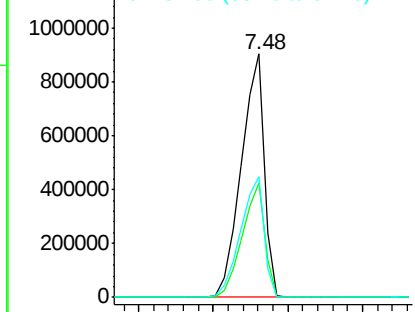
#23
 Nitrobenzene-d5
 Concen: 97.494 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	964585
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	49.6	41.4	62.2

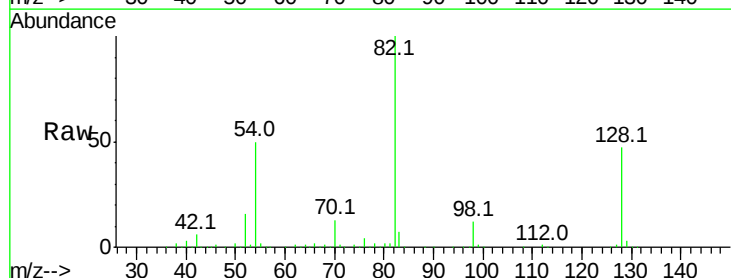


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

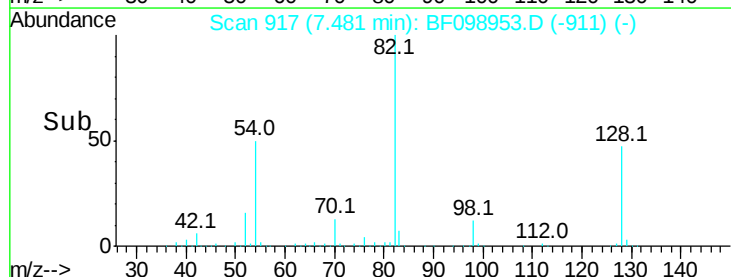
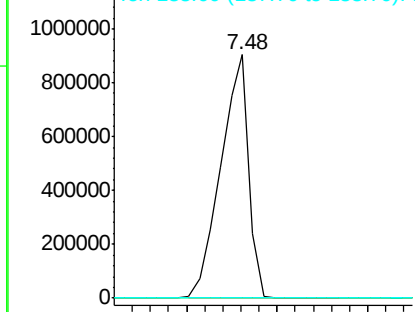


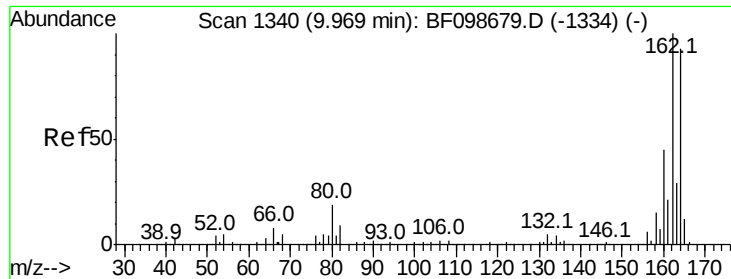
#25
 Isophorone
 Concen: 46.880 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.26 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

Tgt Ion	82	Resp	958955
Ion Ratio	100	Lower	Upper
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

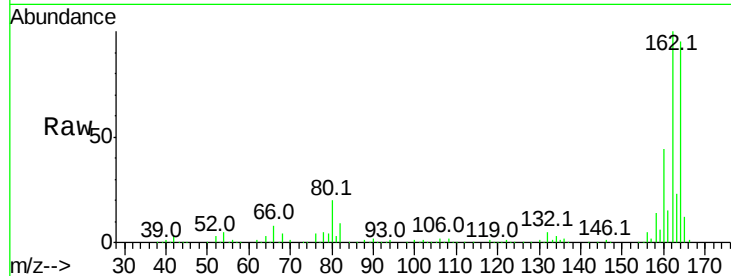




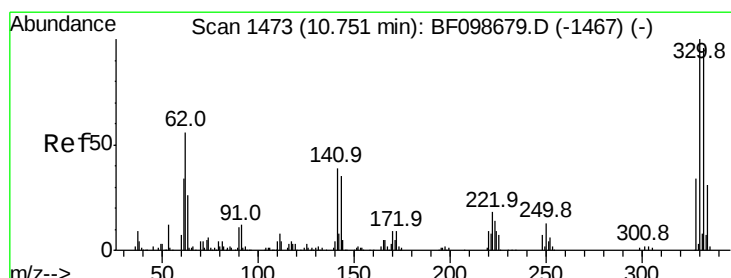
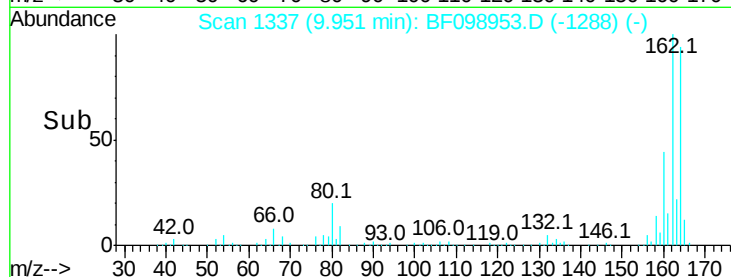
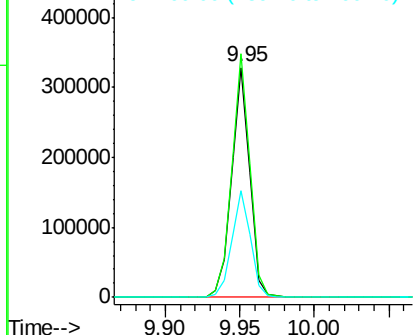
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 283747
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 46.4 38.3 57.5

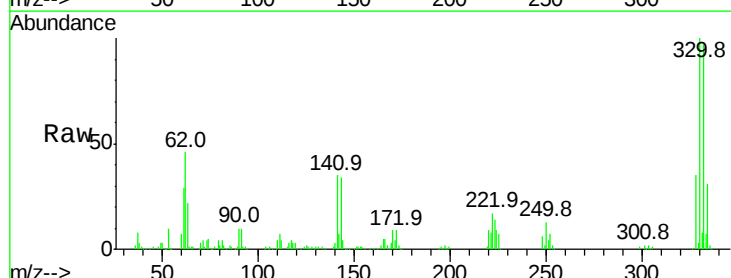


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

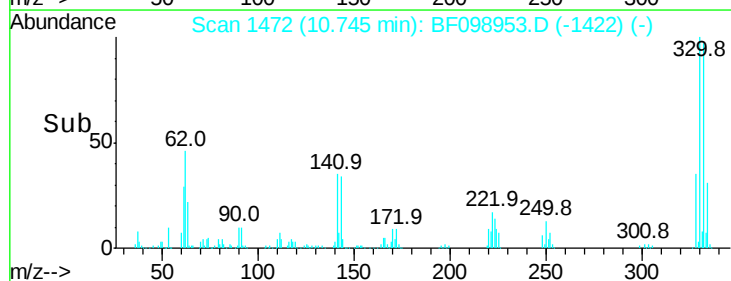
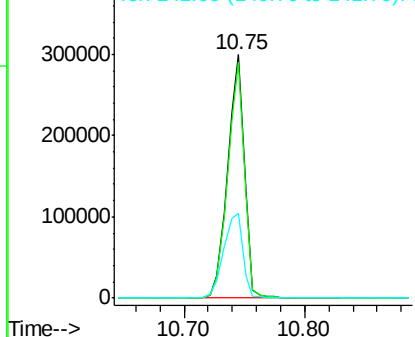


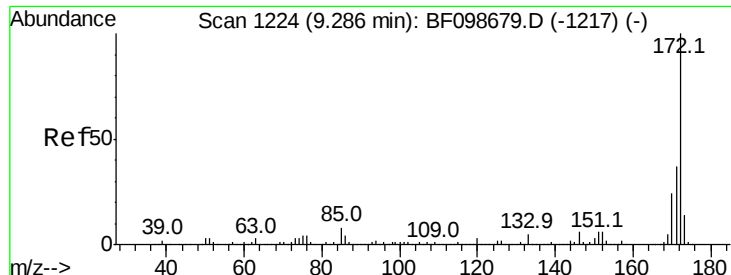
#41
2,4,6-Tribromophenol
Concen: 124.590 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:330 Resp: 289276
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 40.1 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: 95.831 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

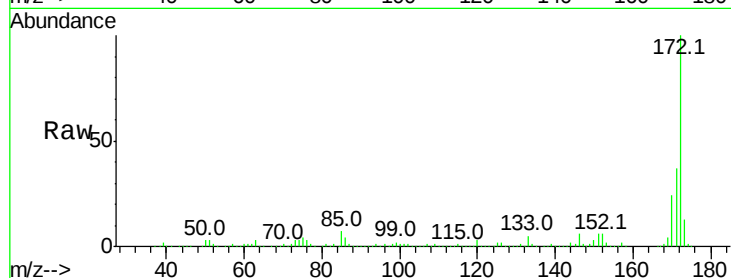
Tot Ion:172 Resp: 1628818

Ion Ratio Lower Upper

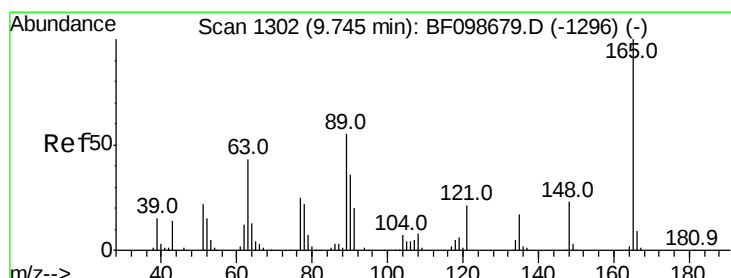
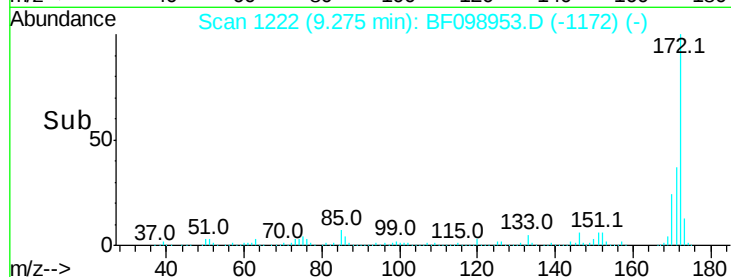
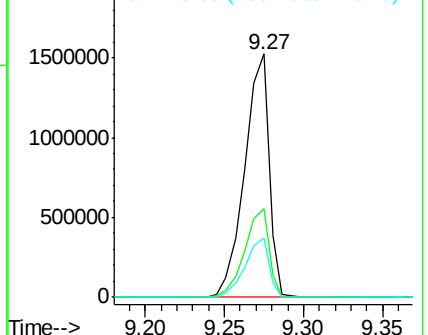
172 100

171 36.7 29.7 44.5

170 24.2 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: 7.784 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

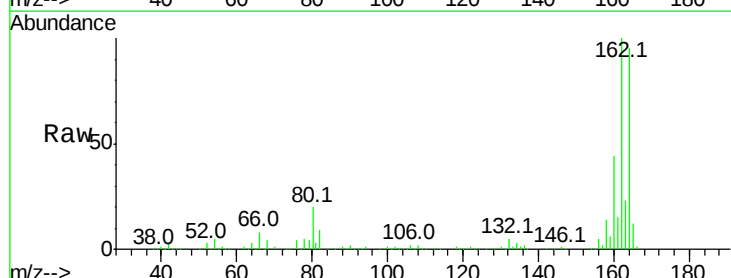
Tgt Ion:165 Resp: 36292

Ion Ratio Lower Upper

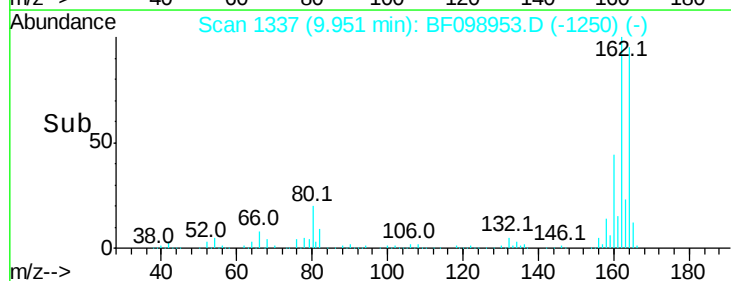
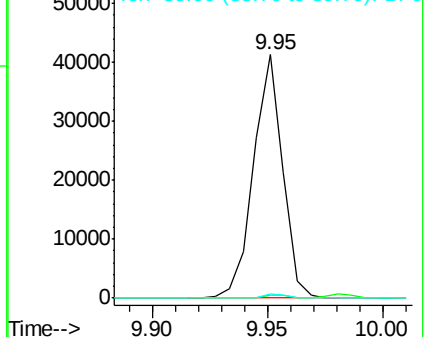
165 100

63 1.1 44.7 67.1#

89 1.8 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

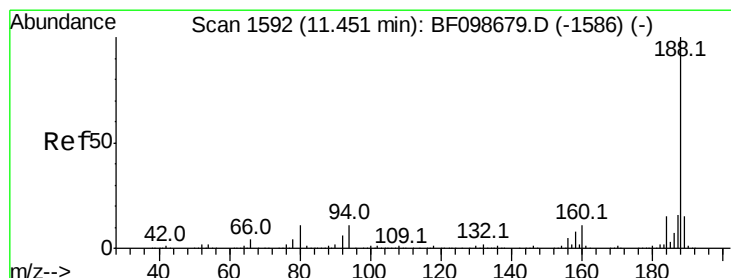
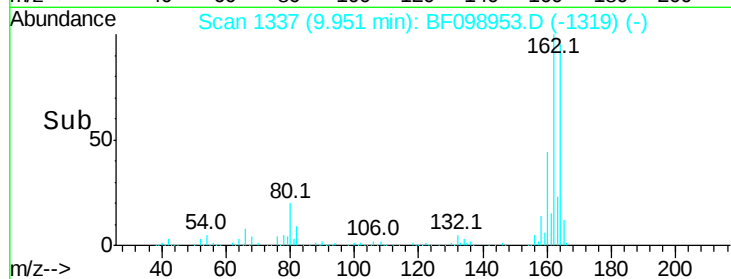
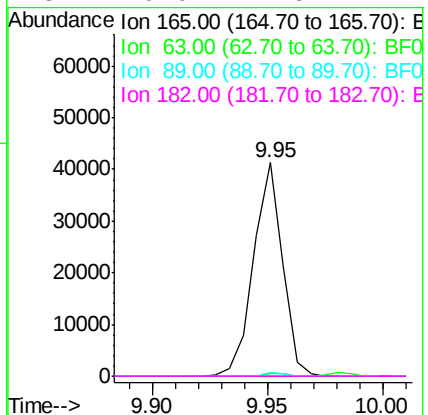
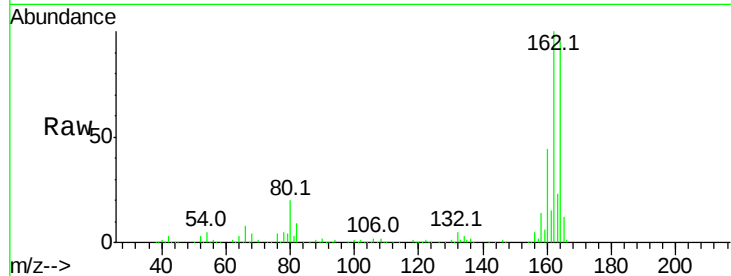




#56
 2,4-Dinitrotoluene
 Concen: 5.998 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

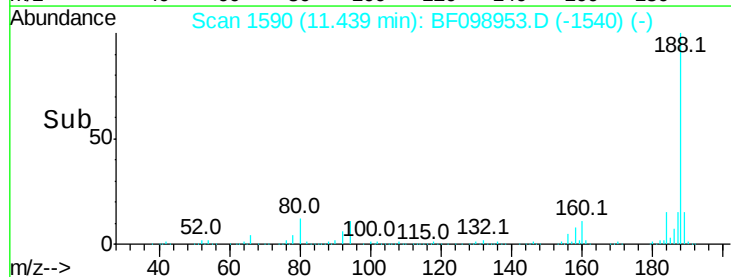
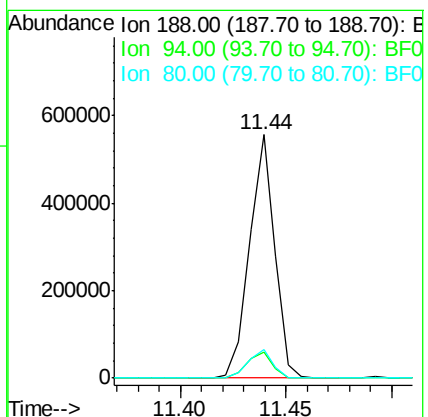
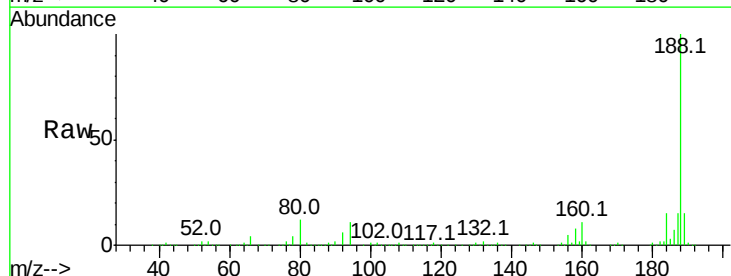
Instrument :
 BNA_F
 ClientSampleId :

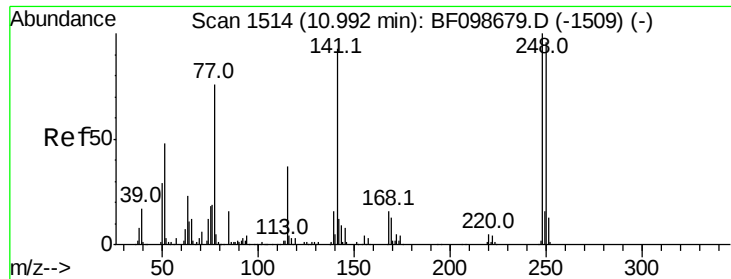
Tot Ion:165 Resp: 36292
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

Tgt Ion:188 Resp: 460240
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.7 9.2 13.8

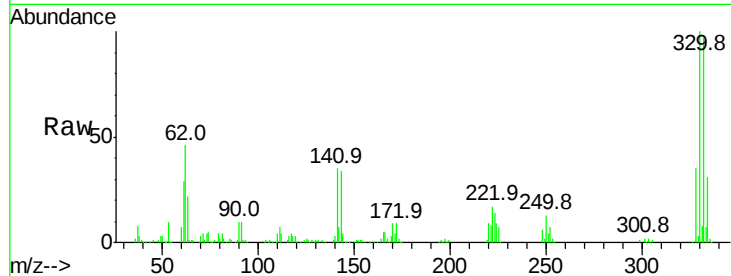




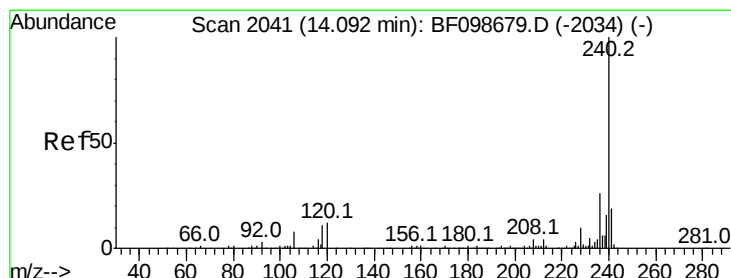
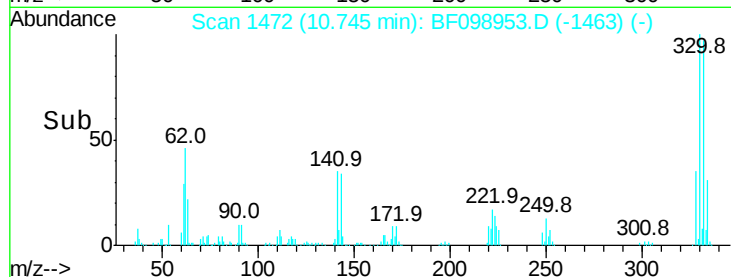
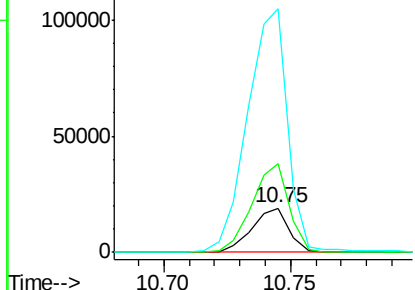
#66
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18988
Ion Ratio Lower Upper
248 100
250 200.0 76.9 115.3#
141 551.3 74.4 111.6#

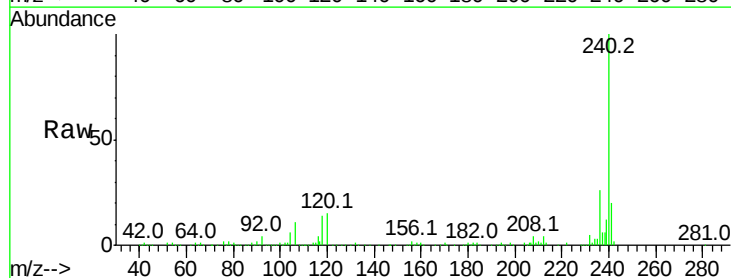


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

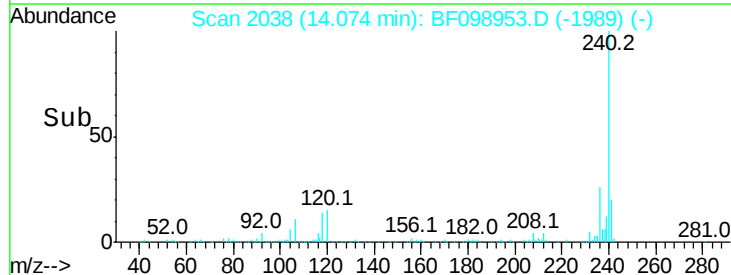
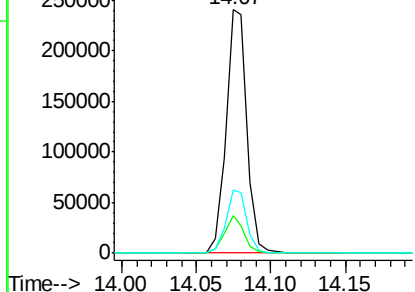


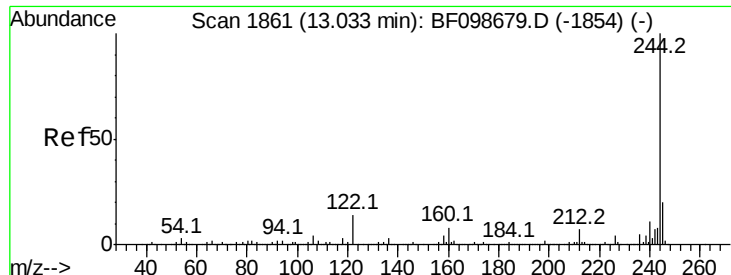
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:240 Resp: 237515
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.8 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: 109.902 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

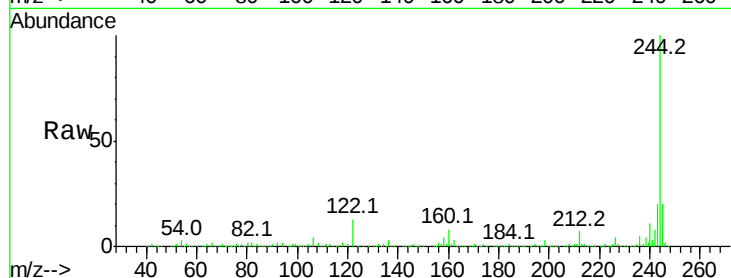
Tot Ion:244 Resp: 1147799

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

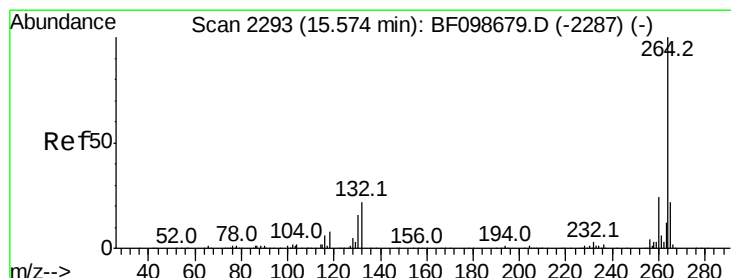
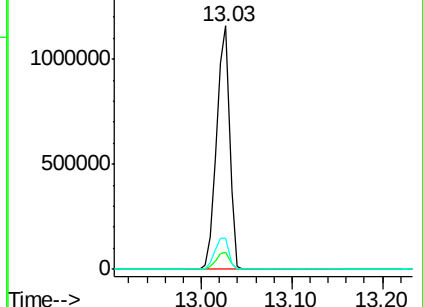
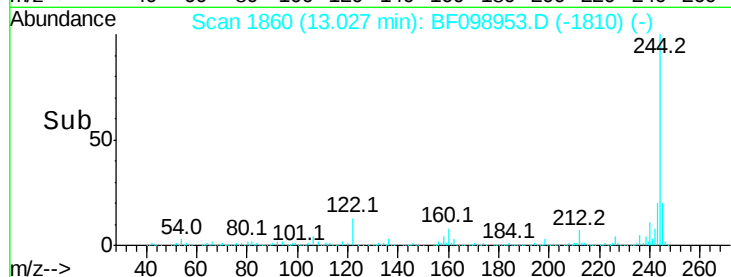
122 13.0 11.0 16.4



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: BF098953.D

Acq: 29 Sep 2017 17:36

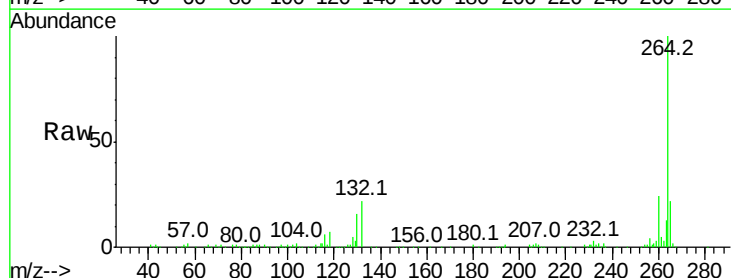
Tgt Ion:264 Resp: 237272

Ion Ratio Lower Upper

264 100

260 24.3 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

