

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099392.D
 Acq On : 12 Oct 2017 13:37
 Operator : SJ/JU
 Sample : I5758-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:22:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

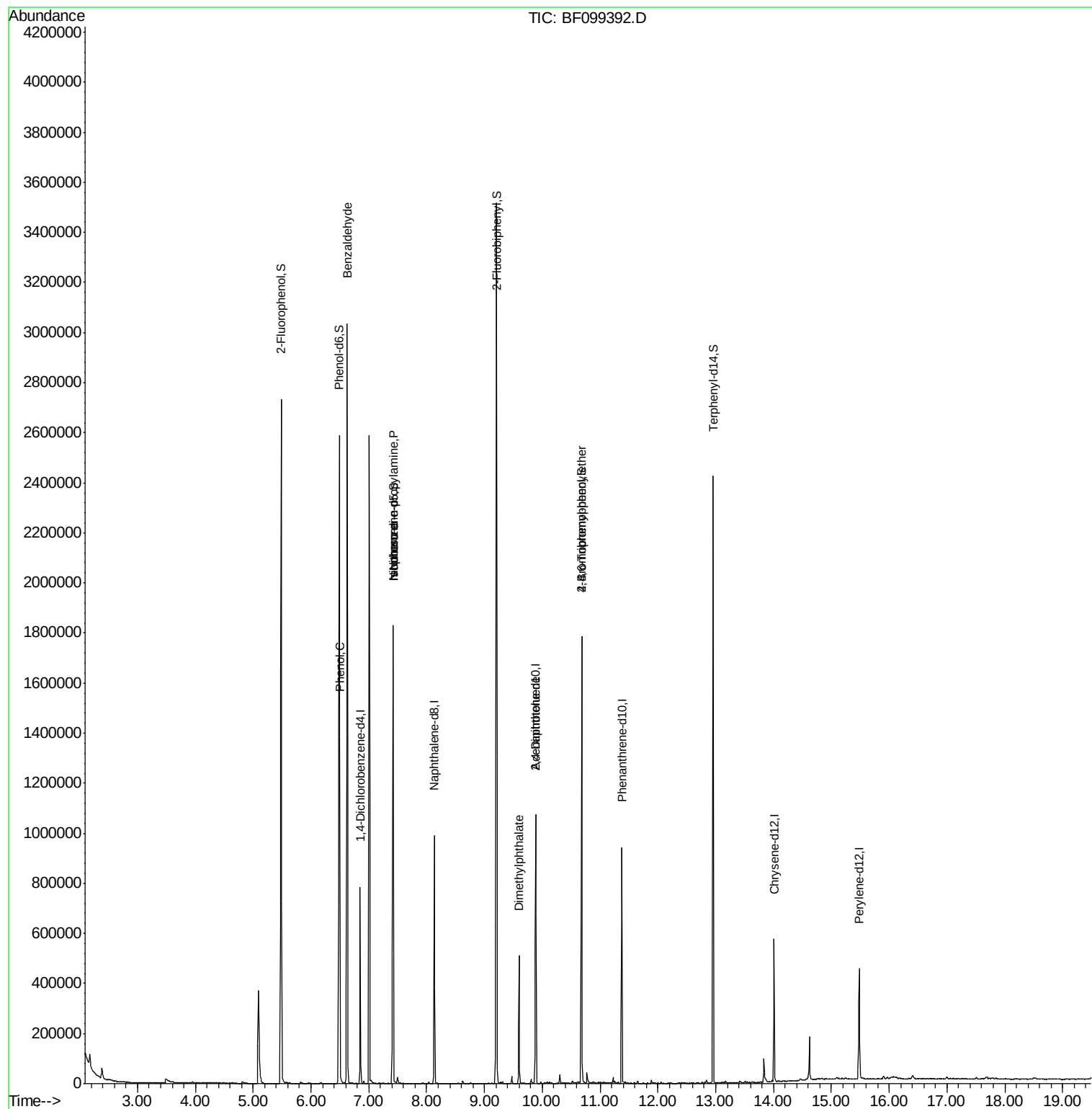
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109687	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	452242	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198688	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	314488	20.00	ng	0.00
75) Chrysene-d12	14.01	240	173237	20.00	ng	0.00
86) Perylene-d12	15.48	264	183804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	936790	135.96	ng	0.01
7) Phenol-d6	6.49	99	1137849	133.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	692612	98.22	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	220427	135.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1206639	101.38	ng	0.00
78) Terphenyl-d14	12.96	244	787575	103.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18102	3.671	ng	88
10) Phenol	6.50	94	34355	3.614	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	89221	16.441	ng	# 72
25) Isophorone	7.42	82	692601	47.504	ng	# 64
49) Dimethylphthalate	9.60	163	205791	13.723	ng	100
56) 2,4-Dinitrotoluene	9.89	165	24976	5.895	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	14363	4.666	ng	# 1

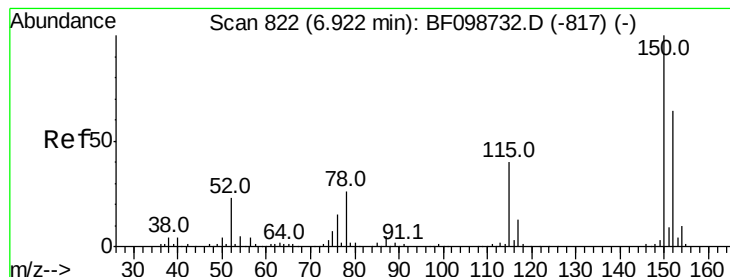
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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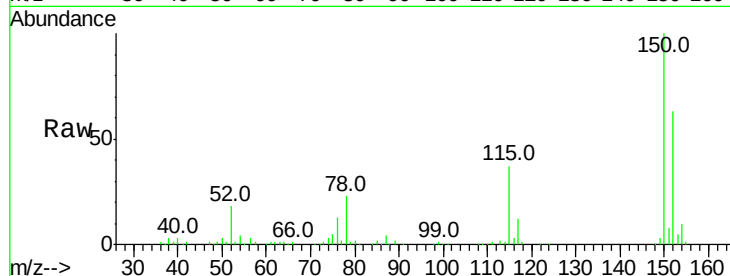


#1

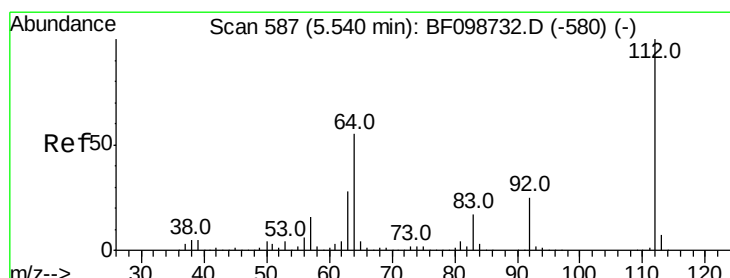
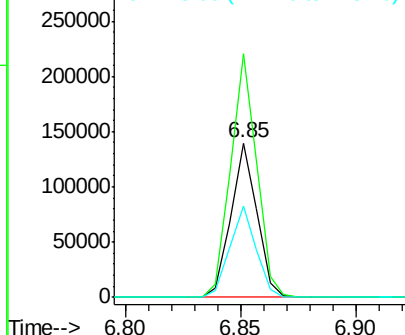
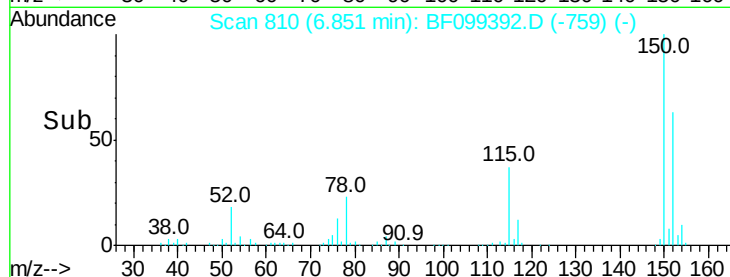
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109687
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.9 50.1 75.1



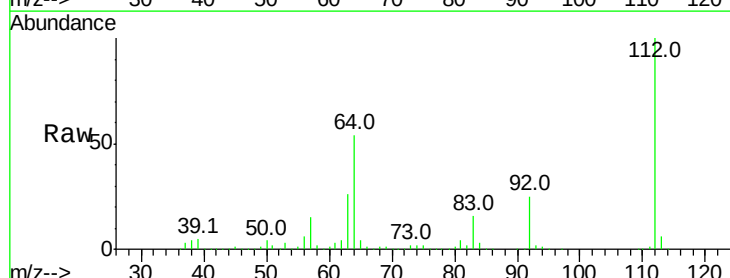
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



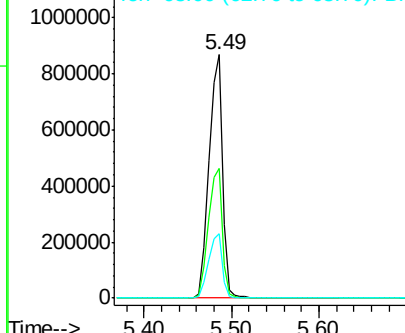
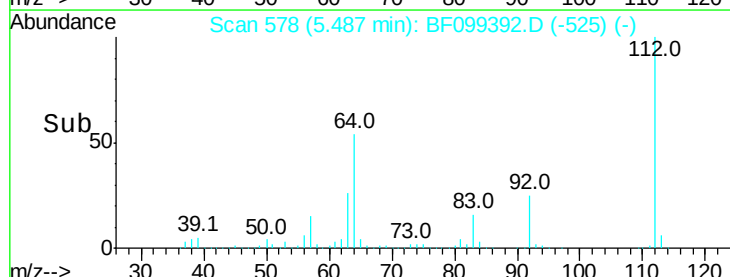
#5

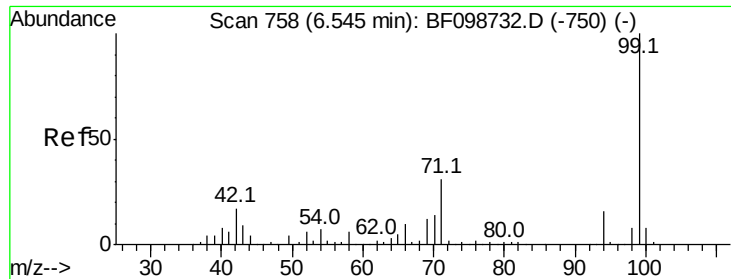
2-Fluorophenol
Concen: 135.957 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Tgt Ion:112 Resp: 936790
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.3 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: 133.865 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

Instrument :

BNA_F

ClientSampled :

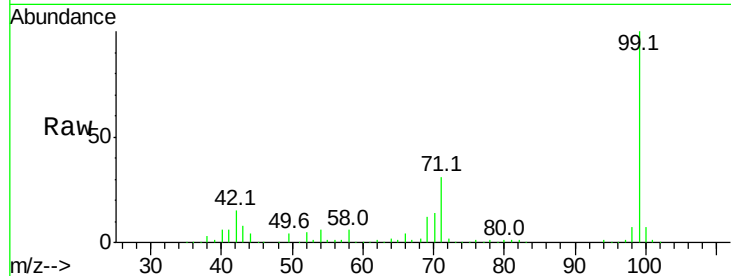
Tot Ion: 99 Resp: 1137849

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

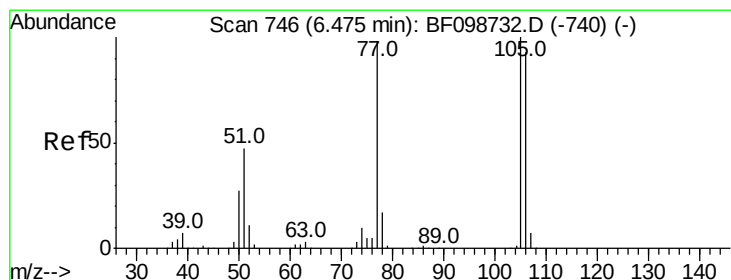
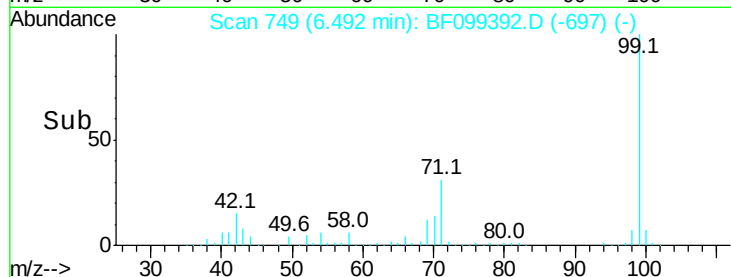
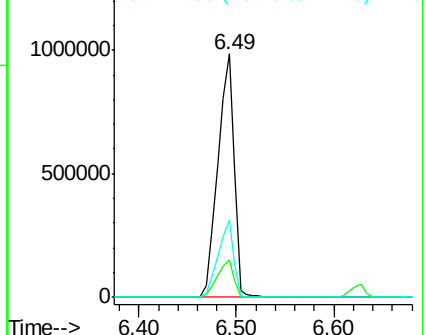
71 31.5 25.4 38.0



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: 3.671 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

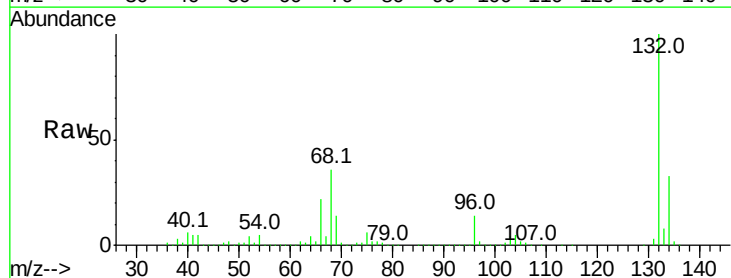
Tgt Ion: 77 Resp: 18102

Ion Ratio Lower Upper

77 100

105 90.7 81.1 121.1

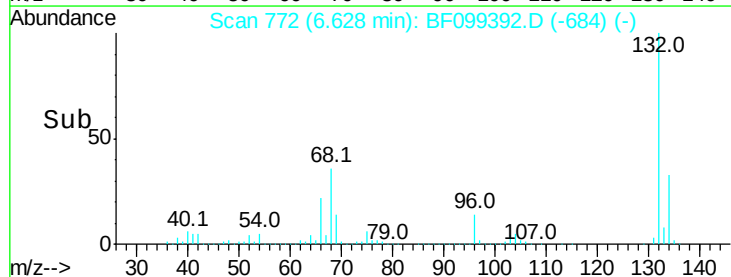
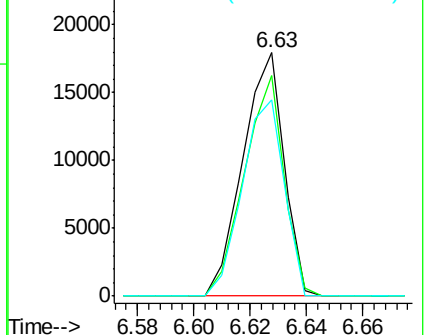
106 80.4 74.5 114.5

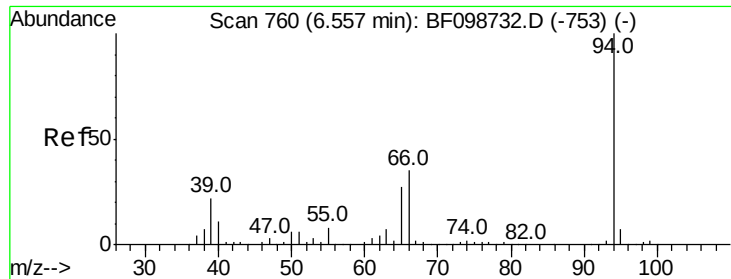


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

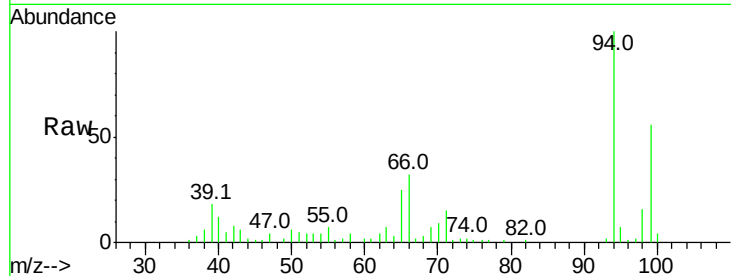




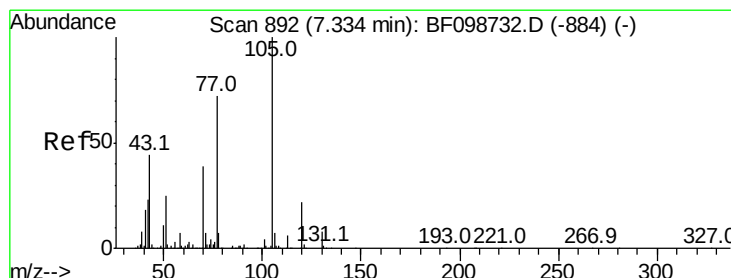
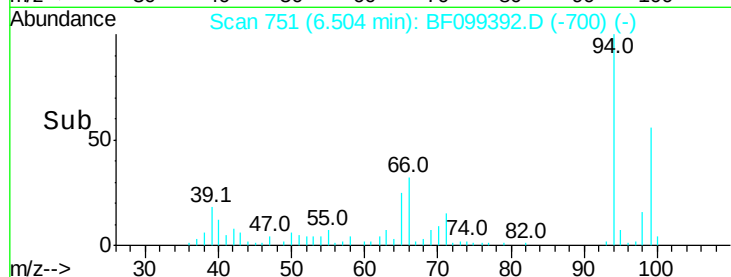
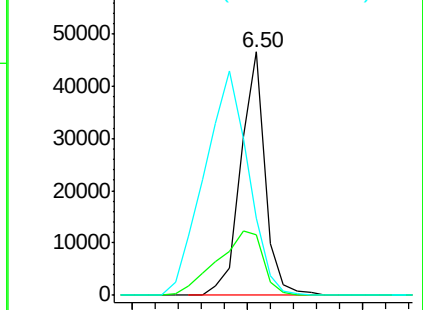
#10
Phenol
Concen: 3.614 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 34355
Ion Ratio Lower Upper
94 100
65 24.8 7.9 47.9
66 31.9 16.2 56.2

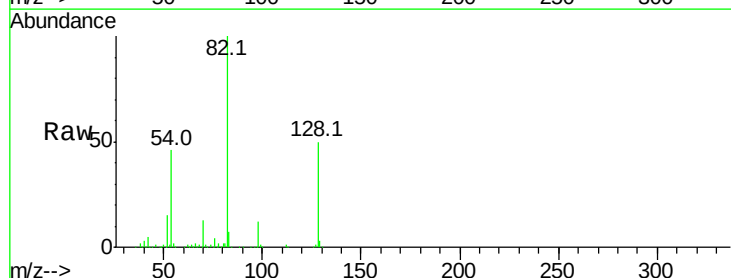


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

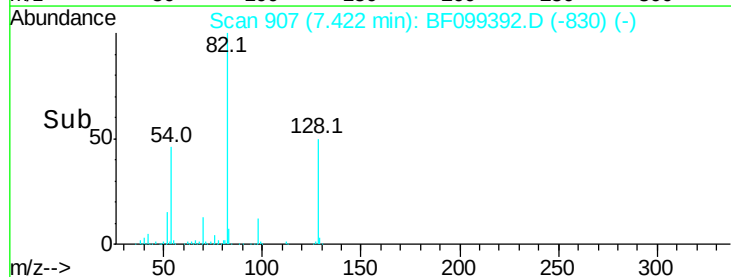
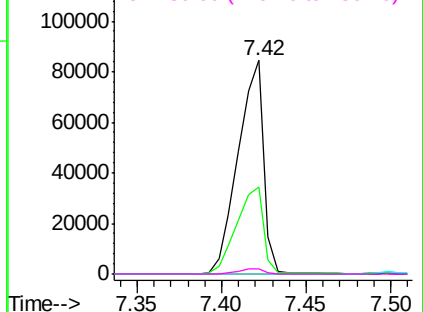


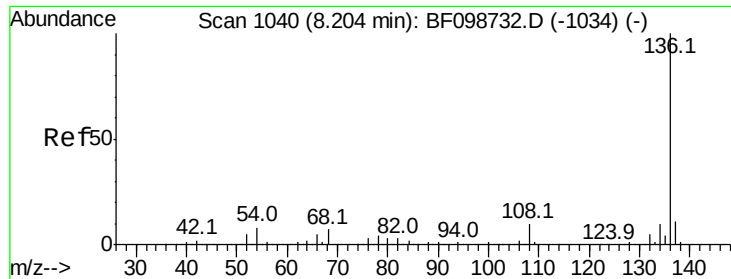
#19
n-Nitroso-di-n-propylamine
Concen: 16.441 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Tgt Ion: 70 Resp: 89221
Ion Ratio Lower Upper
70 100
42 40.7 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

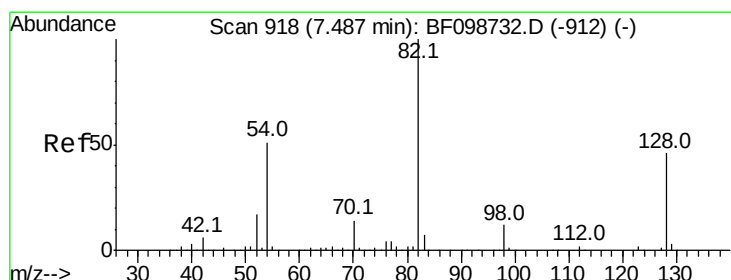
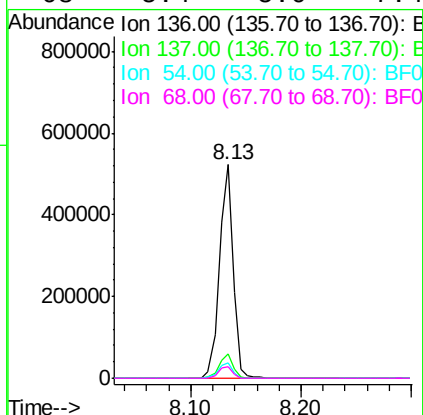
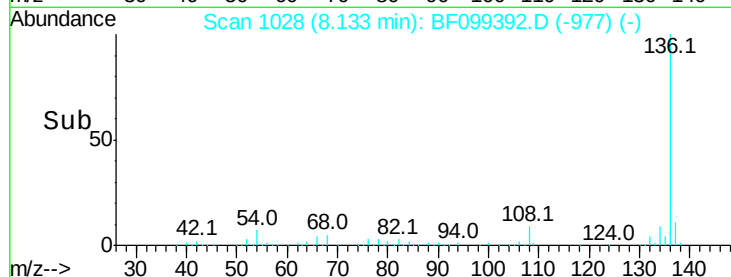
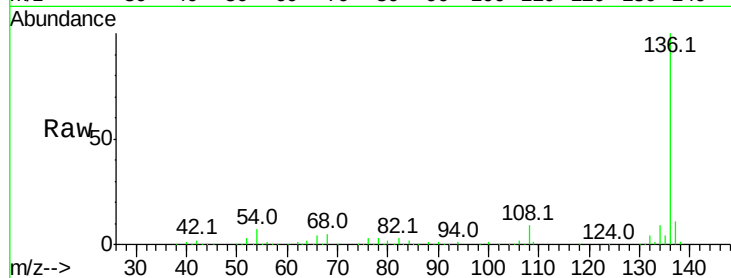




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

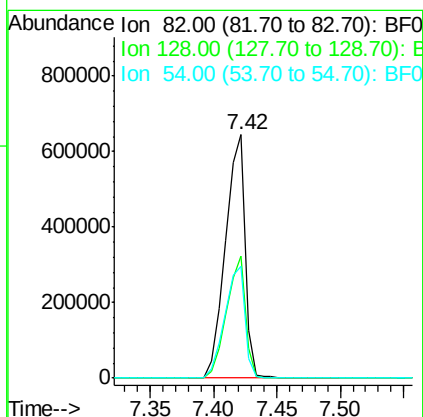
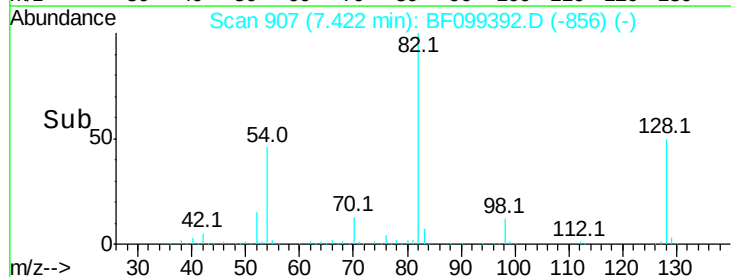
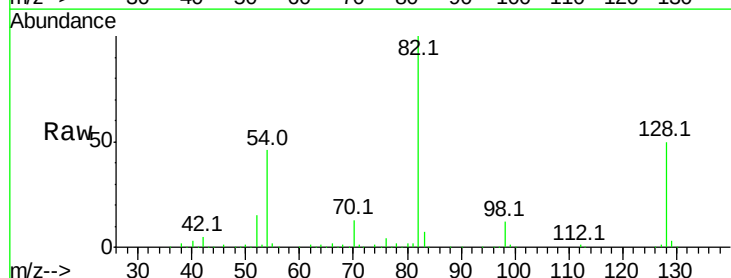
Instrument :
BNA_F
ClientSampleId :

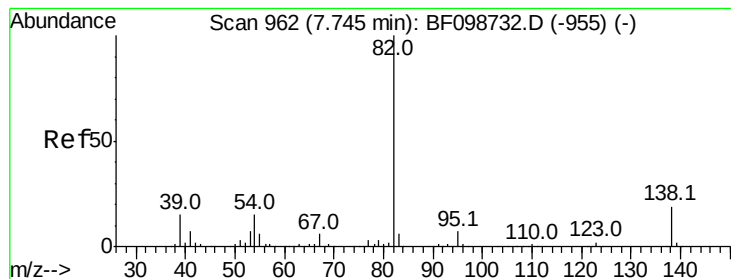
Tot Ion:136	Resp:	452242
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 6.9	6.6	9.8
68 5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 98.216 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Tgt Ion: 82	Resp: 692612
Ion Ratio	Lower Upper
82 100	
128 50.1	36.1 54.1
54 45.7	41.4 62.2





#25

Isophorone

Concen: 47.504 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

Instrument :

BNA_F

ClientSampleId :

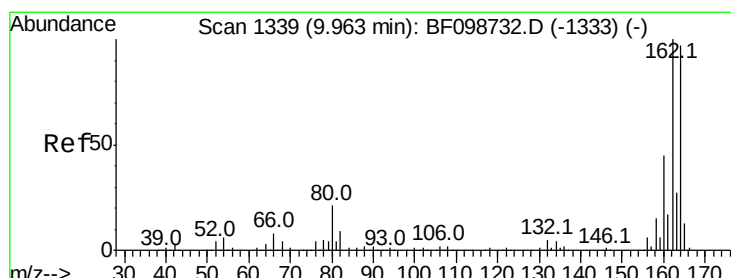
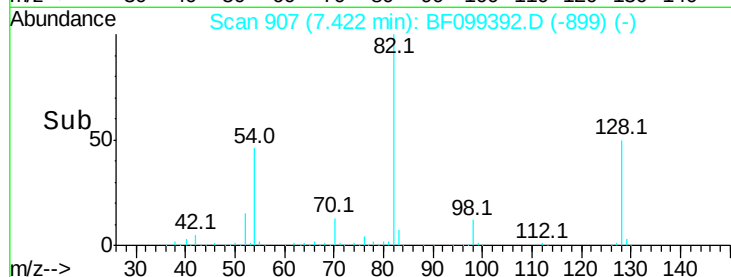
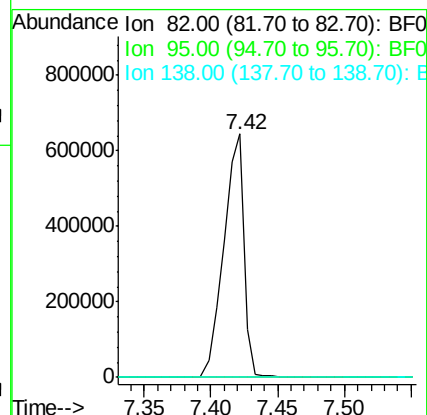
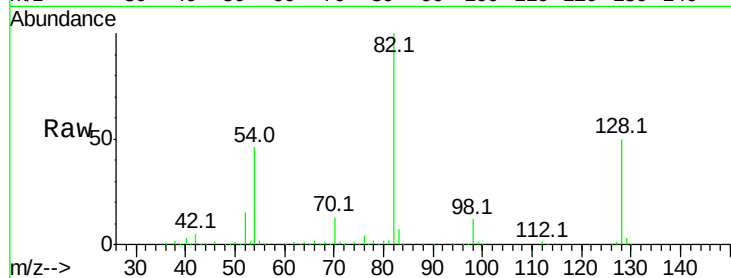
Tot Ion: 82 Resp: 692601

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

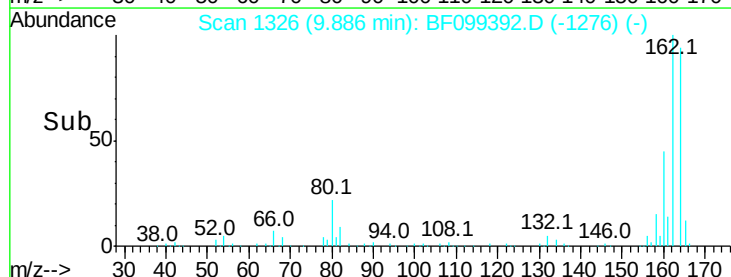
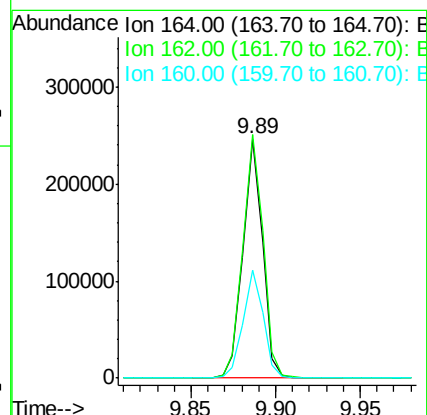
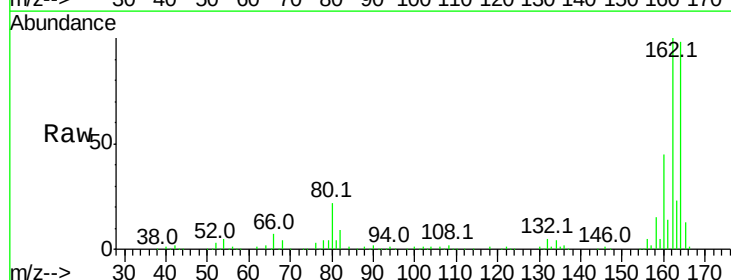
Tgt Ion:164 Resp: 198688

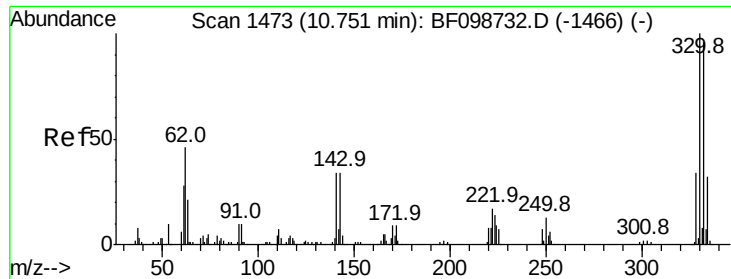
Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

160 45.4 38.3 57.5

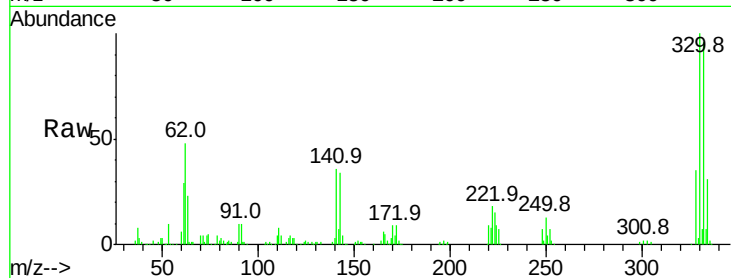




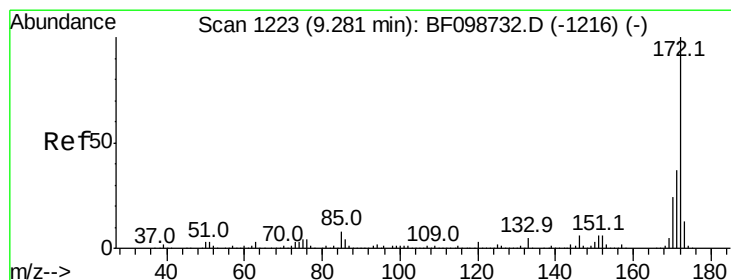
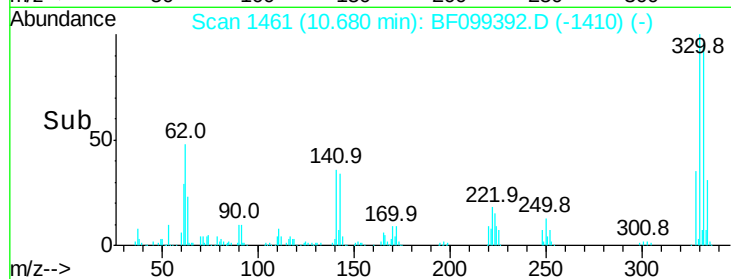
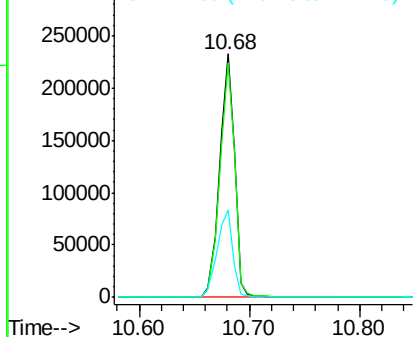
#41
 2,4,6-Tribromophenol
 Concen: 135.580 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099392.D
 Acq: 12 Oct 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.2	29.9	44.9

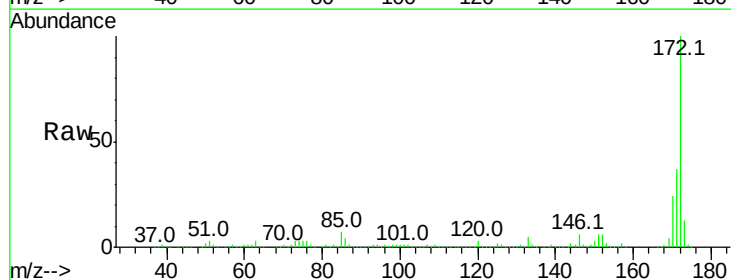


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

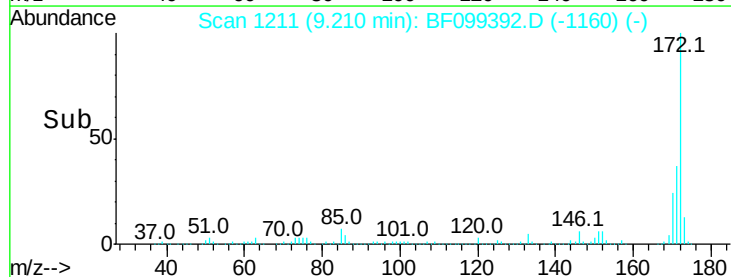
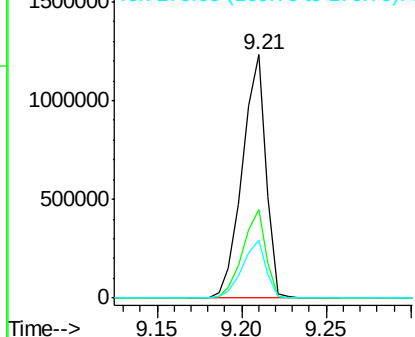


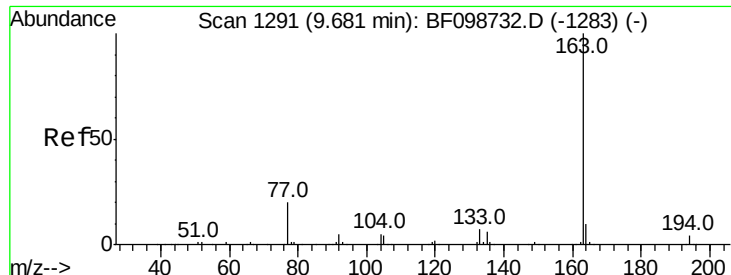
#44
 2-Fluorobiphenyl
 Concen: 101.384 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099392.D
 Acq: 12 Oct 2017 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	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

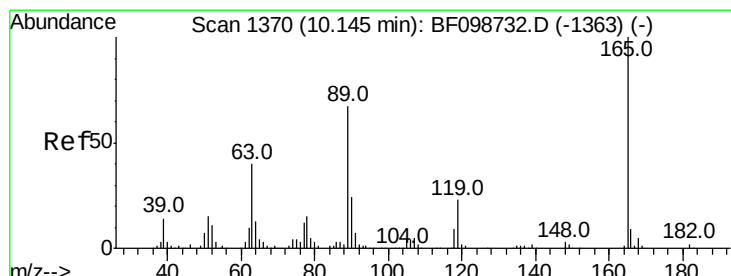
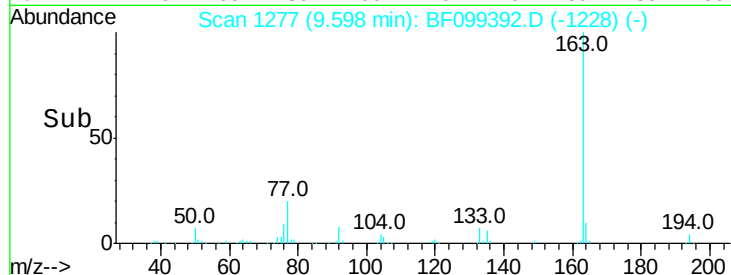
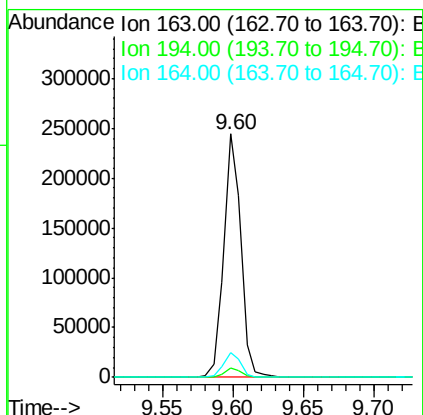
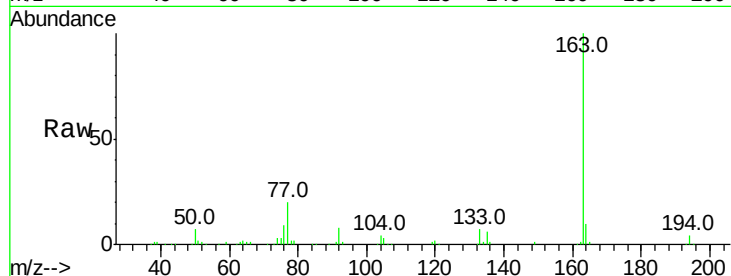




#49
Dimethylphthalate
Concen: 13.723 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

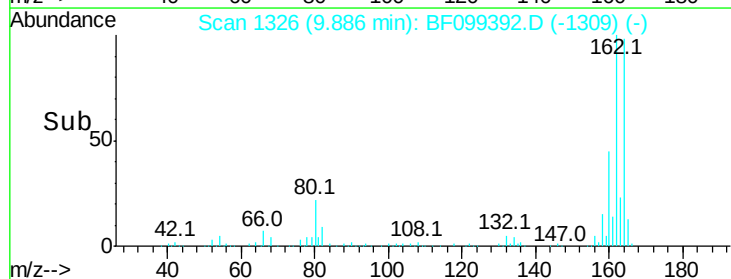
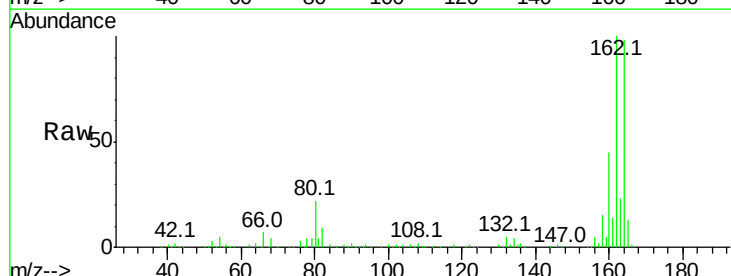
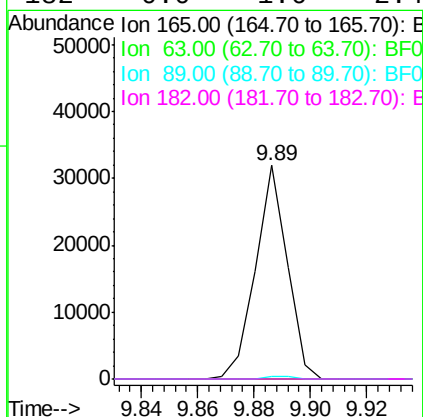
Instrument :
BNA_F
ClientSampled :

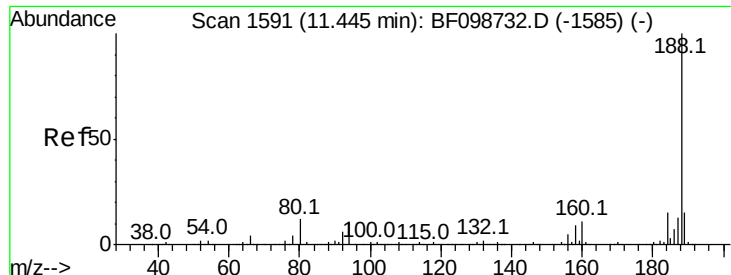
Tot Ion:163 Resp: 205791
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.895 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099392.D
Acq: 12 Oct 2017 13:37

Tgt Ion:165 Resp: 24976
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

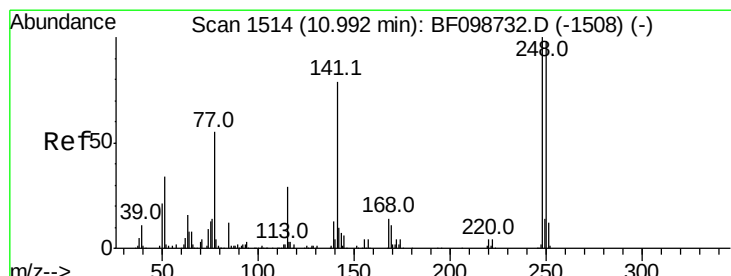
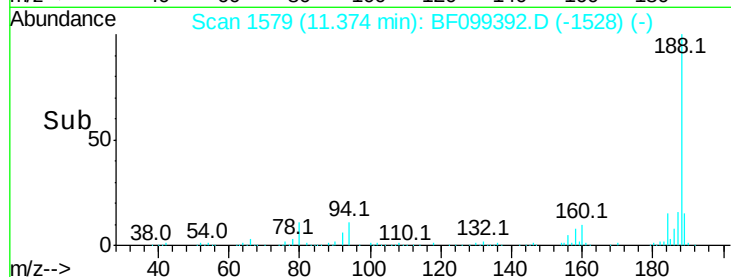
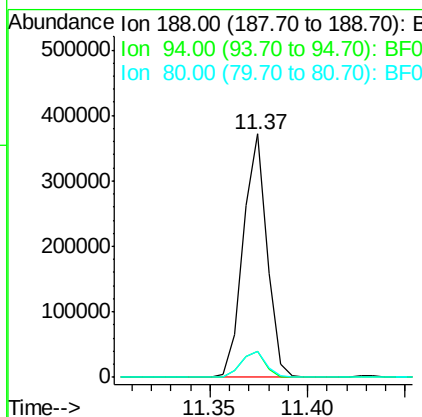
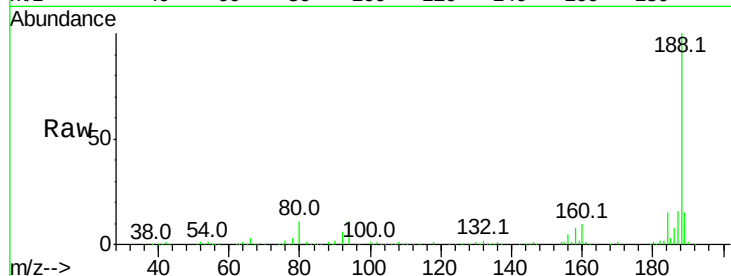




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099392.D
 Acq: 12 Oct 2017 13:37

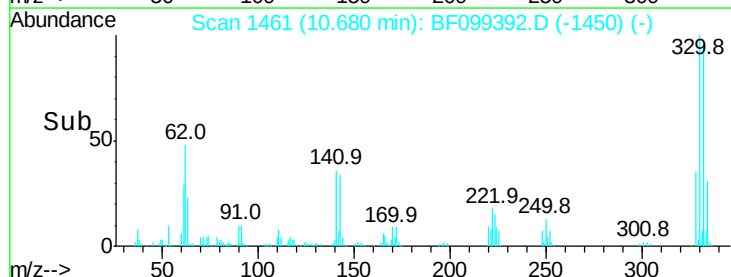
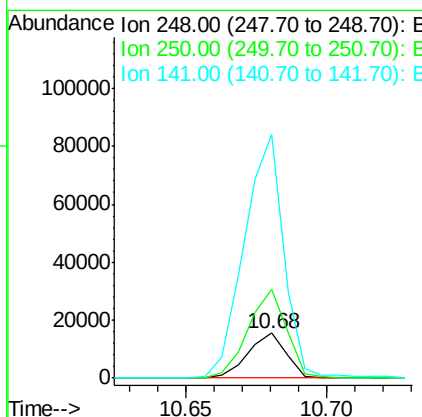
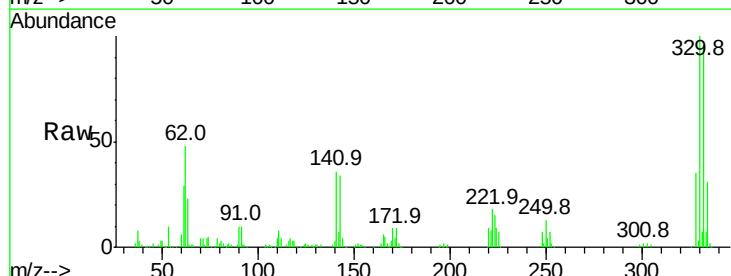
Instrument :
 BNA_F
 ClientSampled :

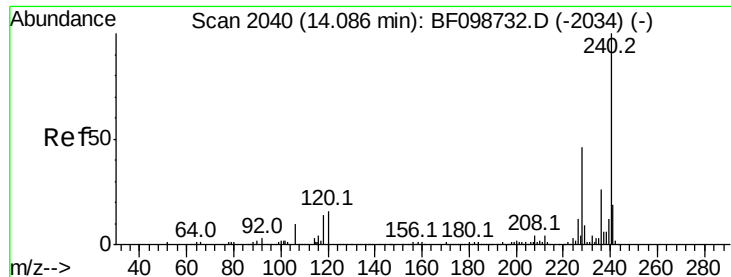
Tot Ion:188 Resp: 314488
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 10.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.666 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099392.D
 Acq: 12 Oct 2017 13:37

Tgt Ion:248 Resp: 14363
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.9 115.3#
 141 543.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

Instrument :

BNA_F

ClientSampleId :

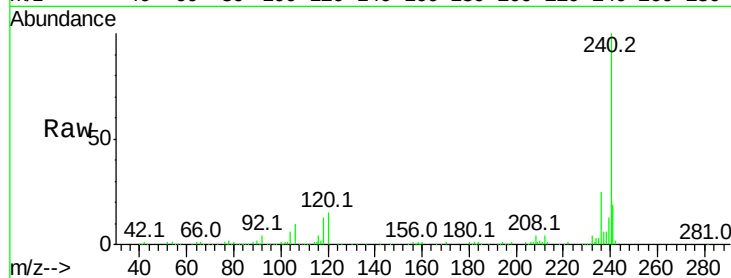
Tot Ion:240 Resp: 173237

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

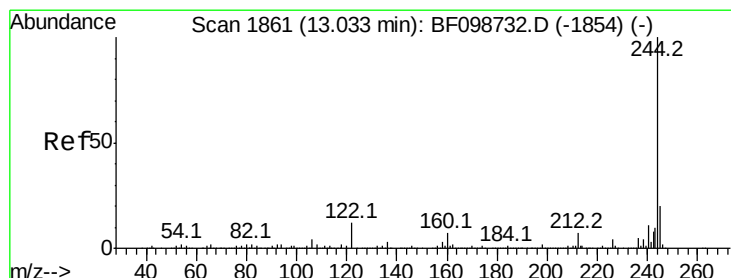
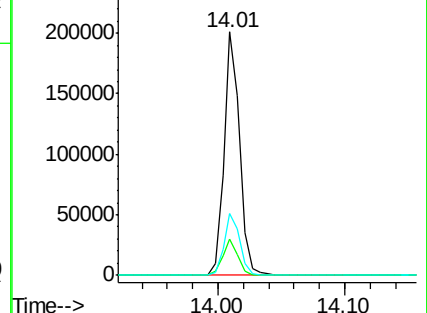
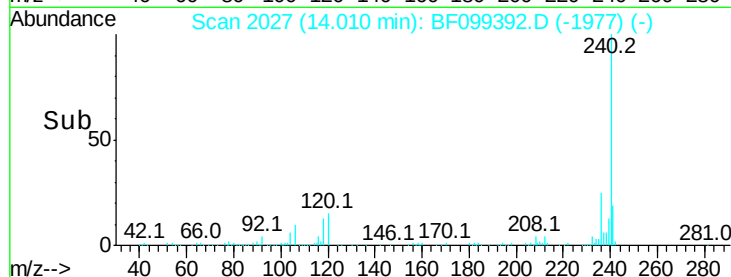
236 25.4 20.7 31.1



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: 103.390 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099392.D

Acq: 12 Oct 2017 13:37

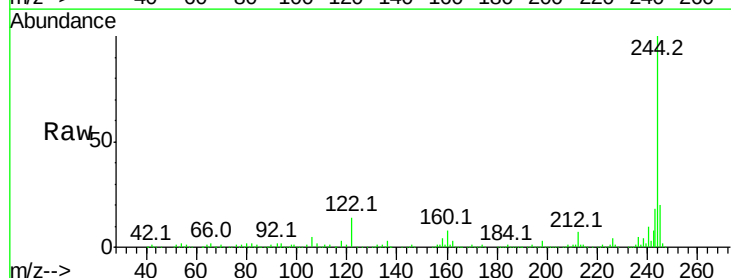
Tgt Ion:244 Resp: 787575

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

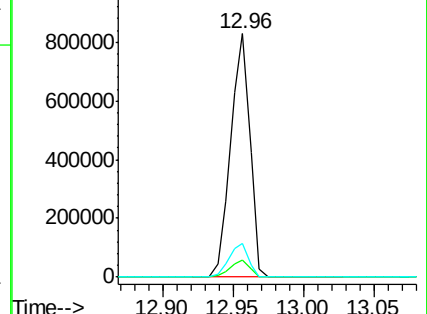
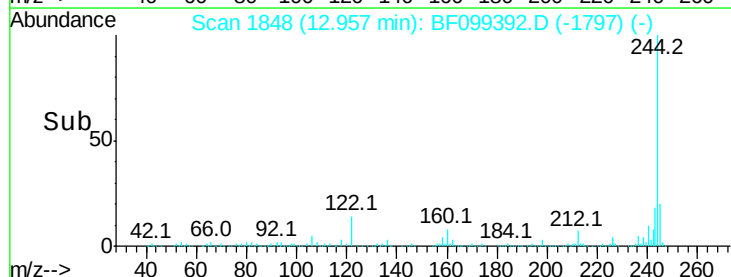
122 13.7 11.0 16.4

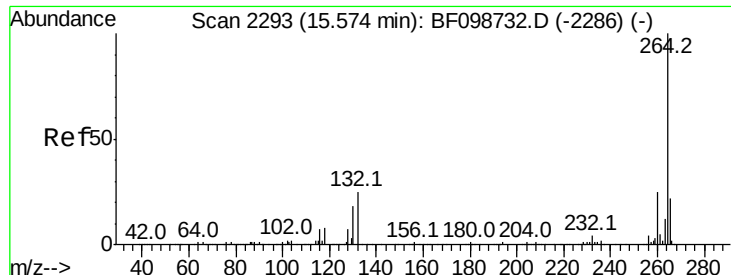


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

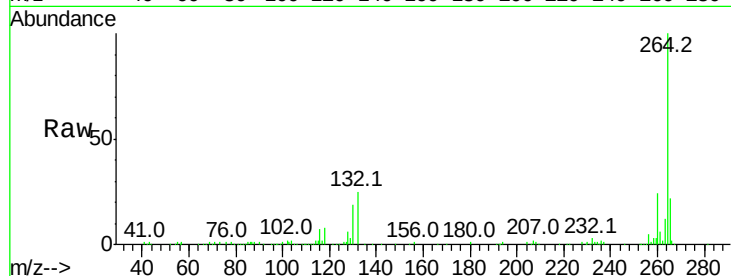




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099392.D
 Acq: 12 Oct 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 183804
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.0 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

