

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099081.D
 Acq On : 4 Oct 2017 21:56
 Operator : SJ/JU
 Sample : I5644-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:11:22 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

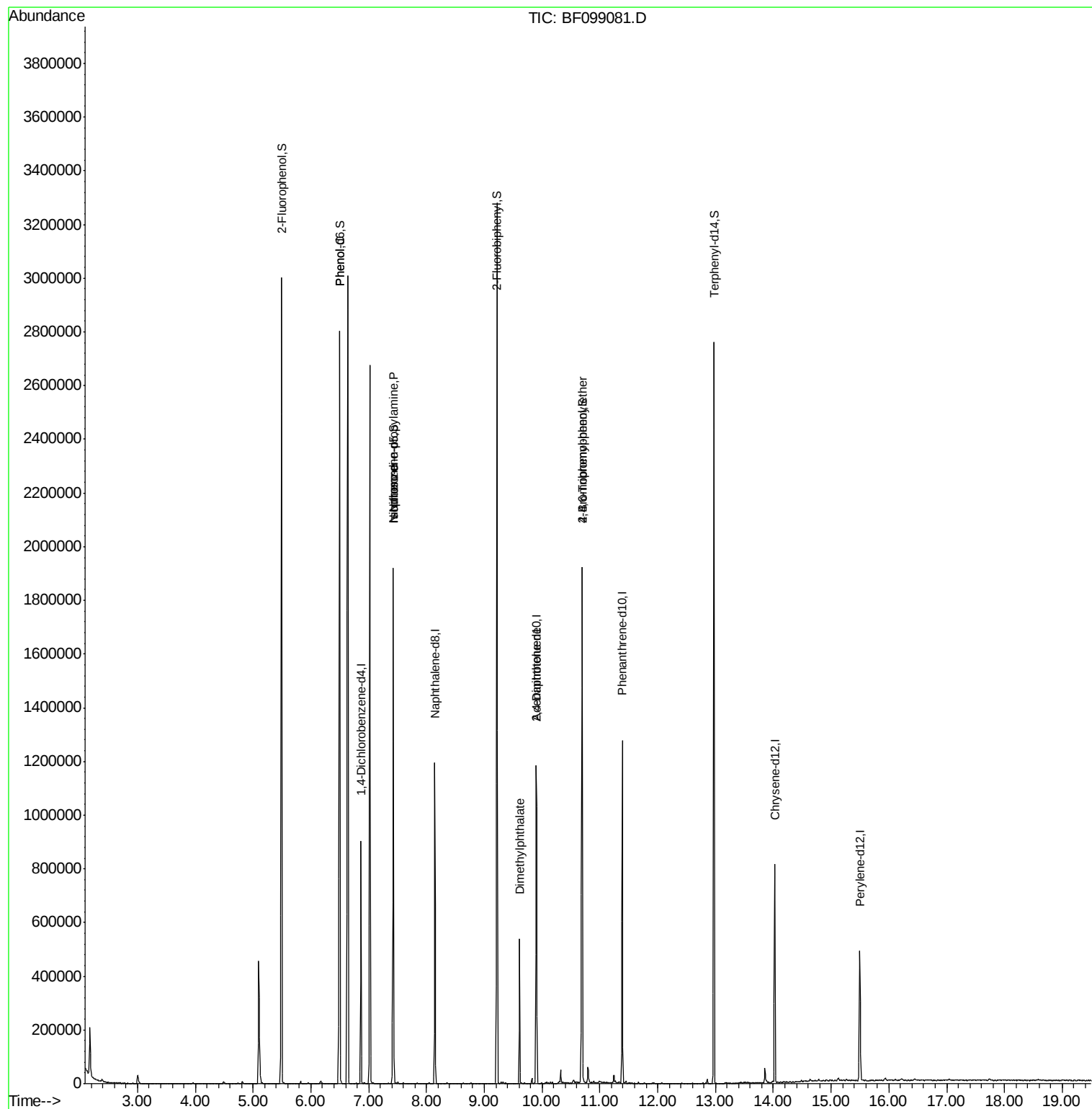
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123766	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	517174	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	234405	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	412298	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	272227	20.00	ng	-0.06
86) Perylene-d12	15.50	264	200365	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	962330	123.78	ng	-0.05
7) Phenol-d6	6.50	99	1158148	120.75	ng	-0.05
23) Nitrobenzene-d5	7.43	82	701854	87.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	233085	121.52	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1060775	75.55	ng	-0.06
78) Terphenyl-d14	12.97	244	904980	75.60	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	28050	2.62	ng	# 60
19) n-Nitroso-di-n-propylamine	7.43	70	89719	14.65	ng	# 77
25) Isophorone	7.43	82	698008	41.86	ng	# 64
49) Dimethylphthalate	9.61	163	199803	11.29	ng	99
56) 2,4-Dinitrotoluene	9.90	165	29180	5.84	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15486	3.84	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099081.D
Acq On : 4 Oct 2017 21:56
Operator : SJ/JU
Sample : I5644-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 01:11:22 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

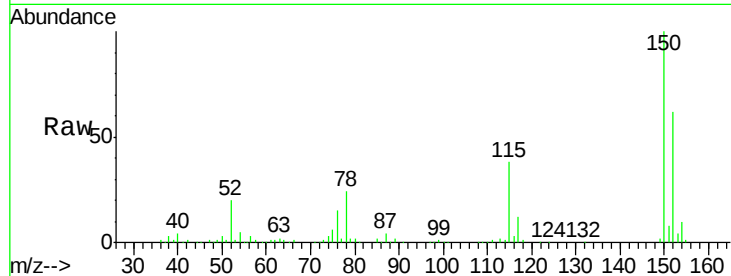




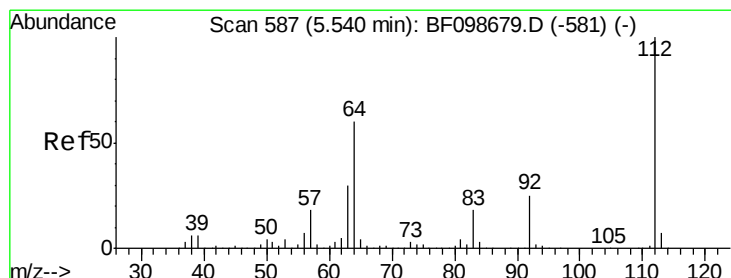
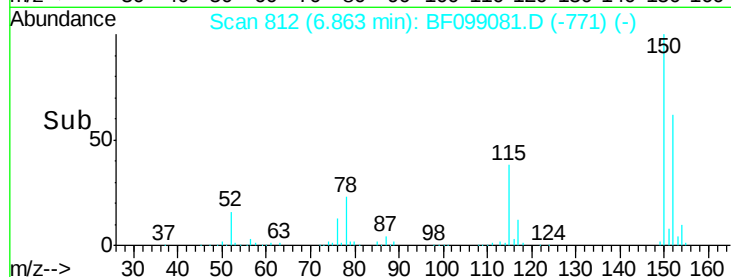
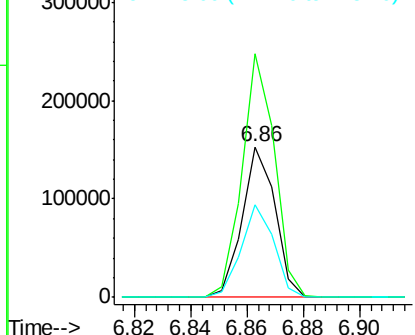
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 123766
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 61.7 50.1 75.1

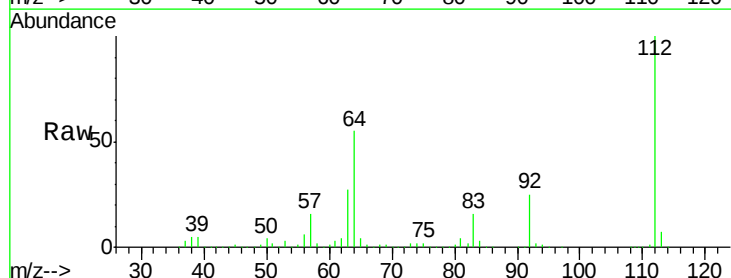


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

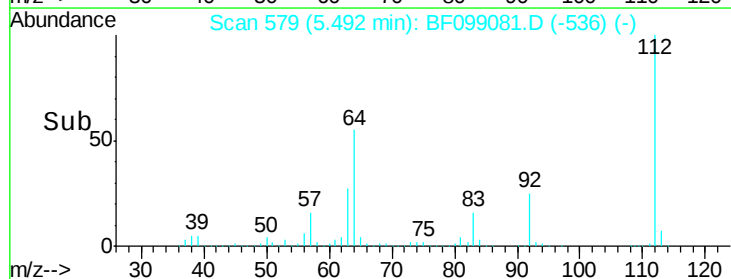
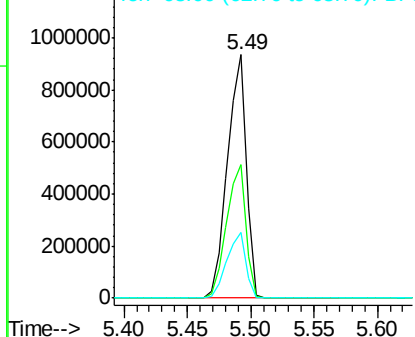


#5
 2-Fluorophenol
 Concen: 123.78 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Tgt Ion:112 Resp: 962330
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 27.2 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: 120.75 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

BNA_F

ClientSampled :

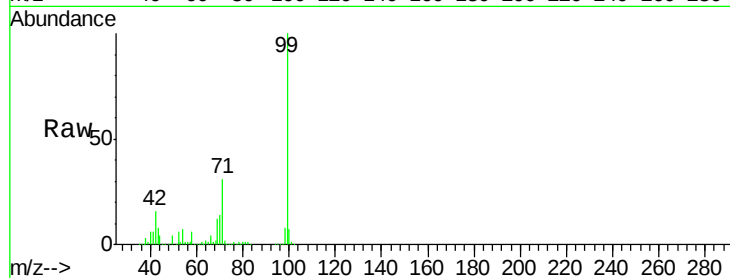
Tot Ion: 99 Resp: 1158148

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

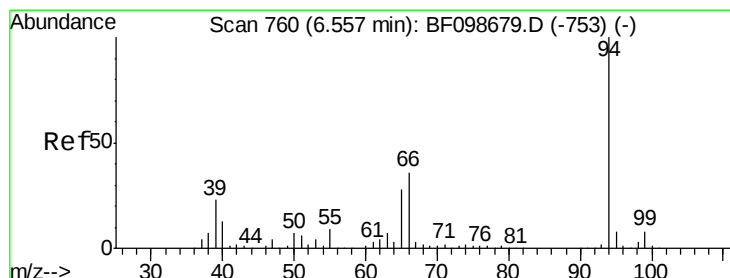
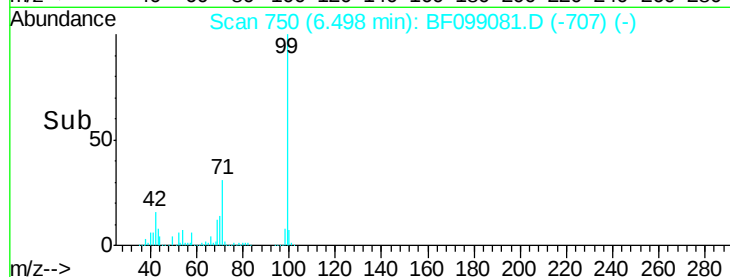
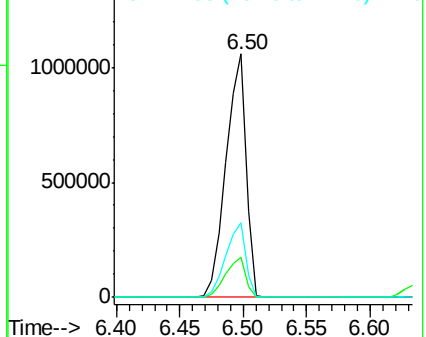
71 30.8 25.4 38.0



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



#10

Phenol

Concen: 2.62 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

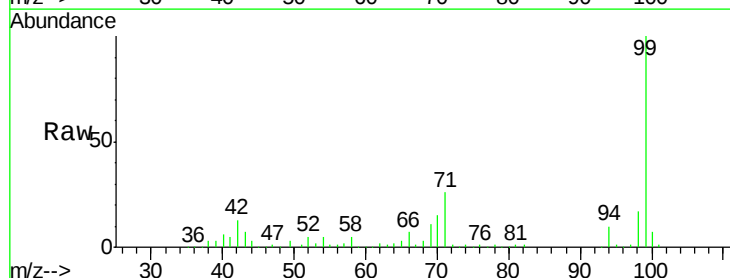
Tgt Ion: 94 Resp: 28050

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

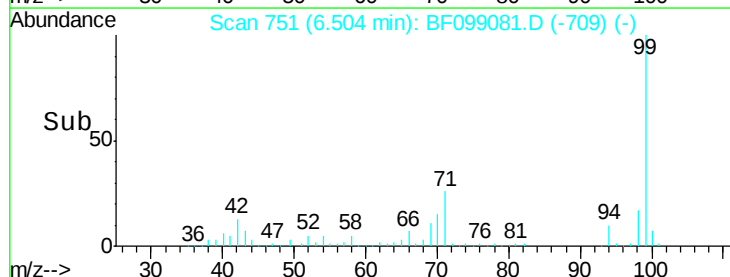
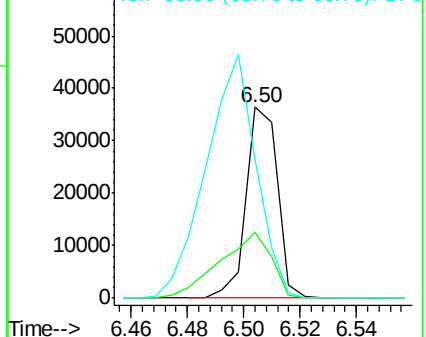
66 72.7 16.2 56.2#



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

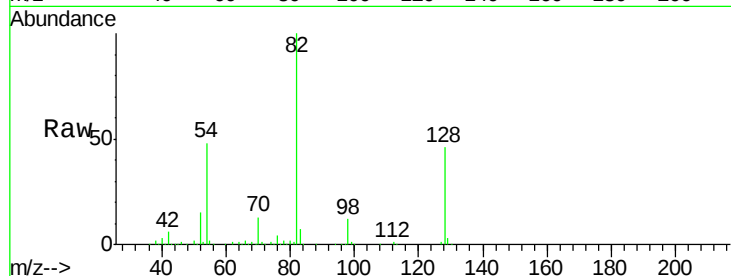




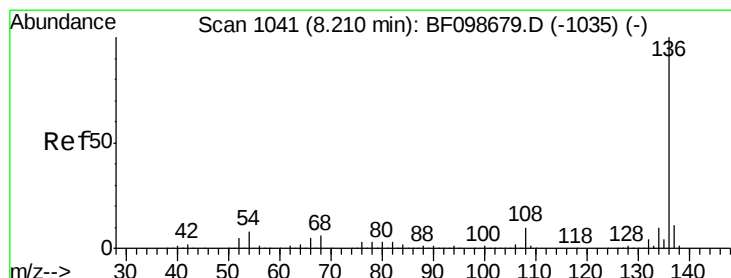
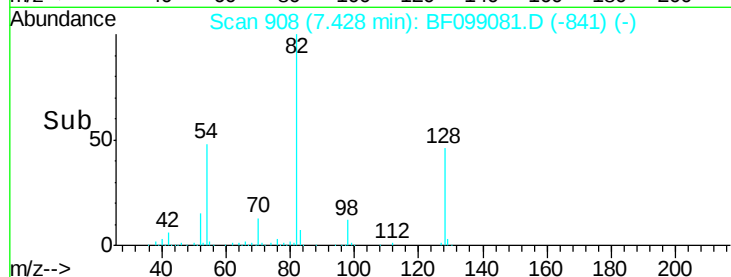
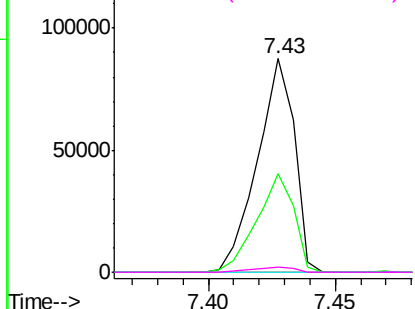
#19
n-Nitroso-di-n-propylamine
Concen: 14.65 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 89719
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

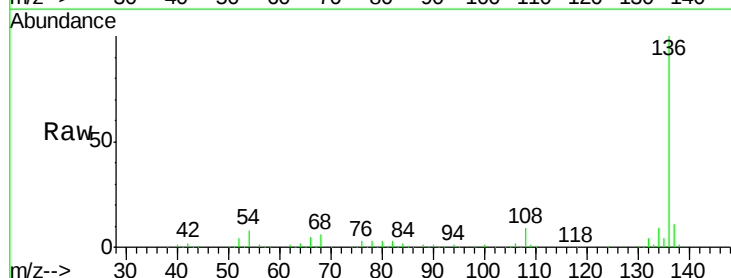


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

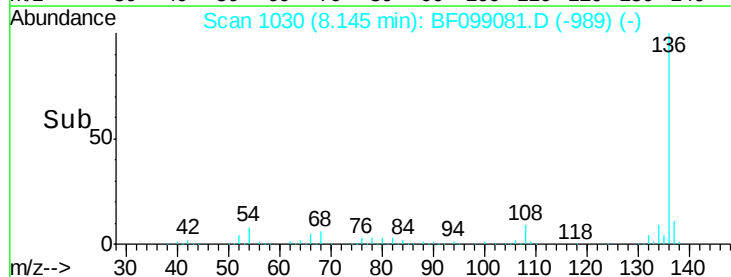
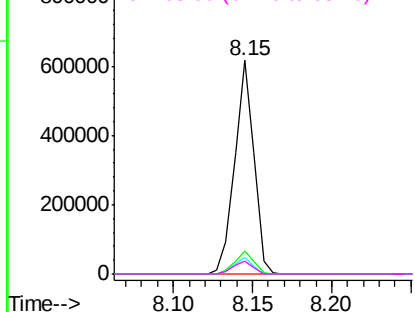


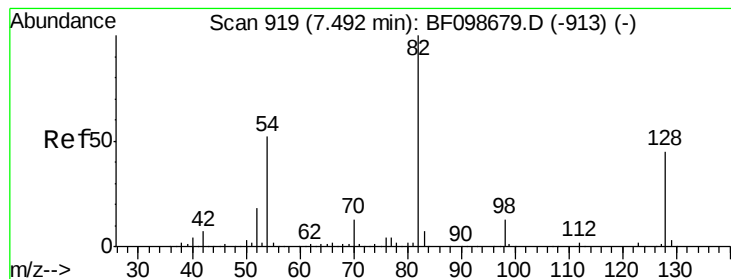
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion: 136 Resp: 517174
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.6 9.8
68 6.3 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: 87.03 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

BNA_F

ClientSampleId :

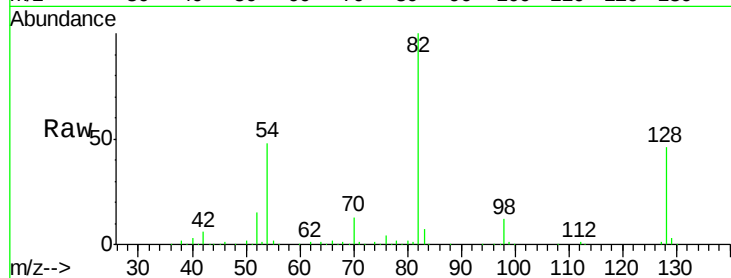
Tot Ion: 82 Resp: 701854

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

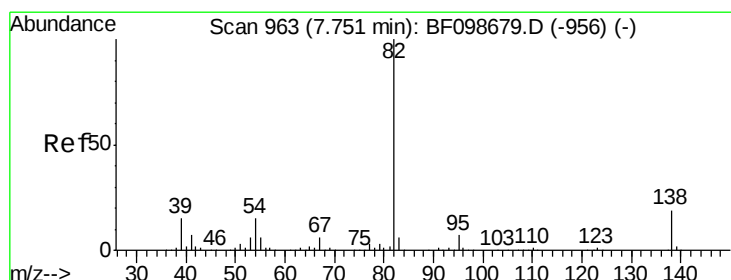
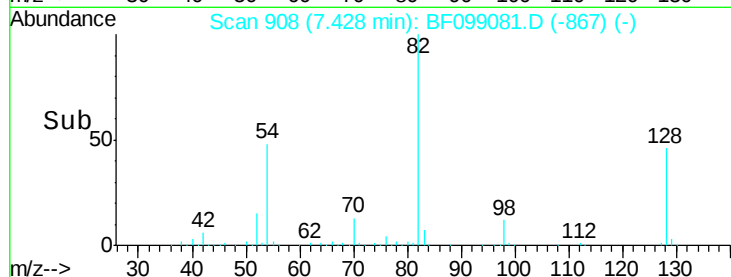
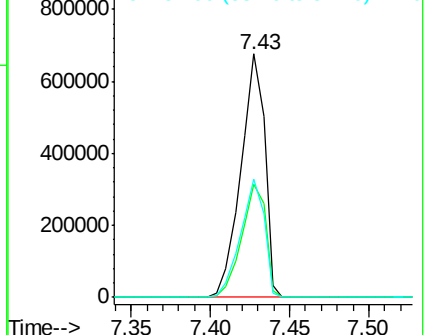
54 48.3 41.4 62.2



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: 41.86 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

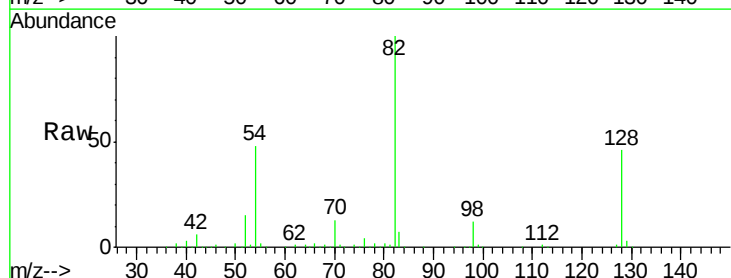
Tgt Ion: 82 Resp: 698008

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

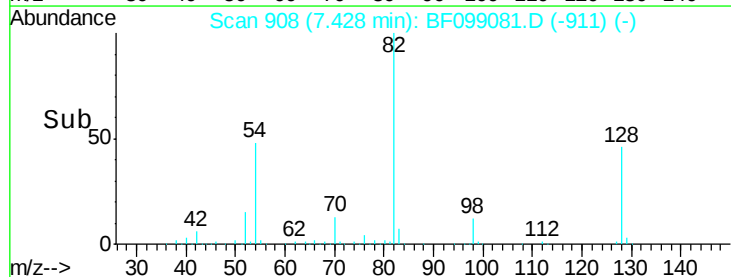
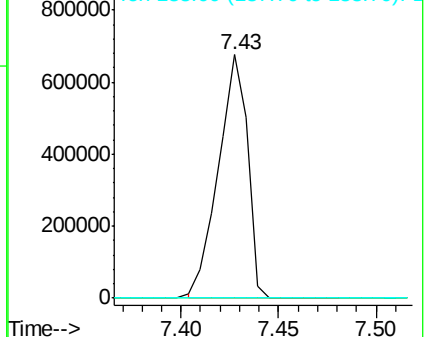
138 0.0 14.9 22.3#

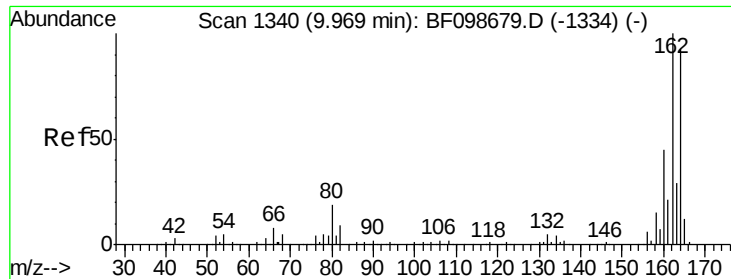


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

BNA_F

ClientSampleId :

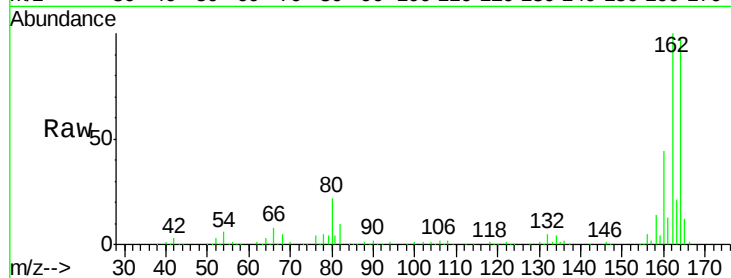
Tot Ion:164 Resp: 234405

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

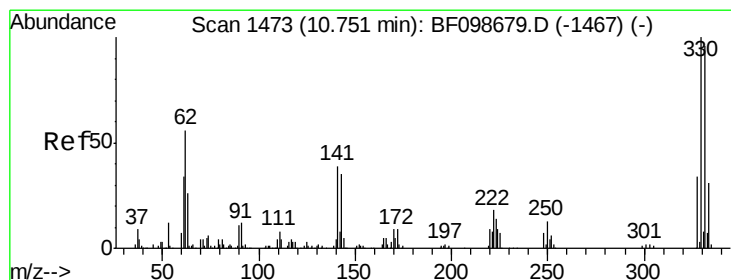
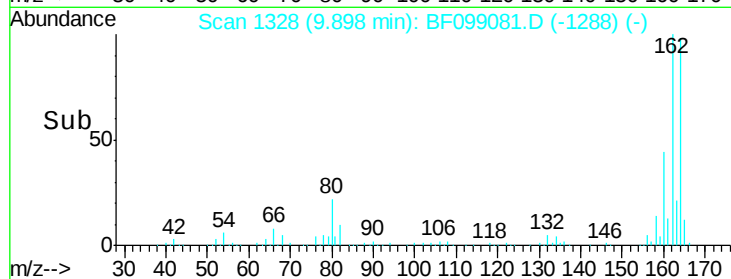
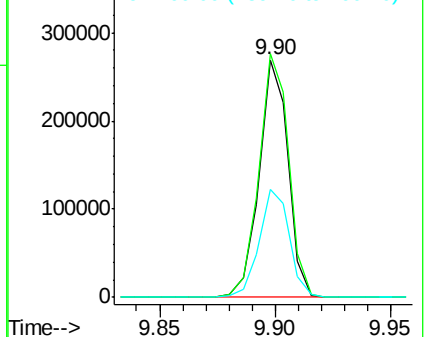
160 45.3 38.3 57.5



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: 121.52 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

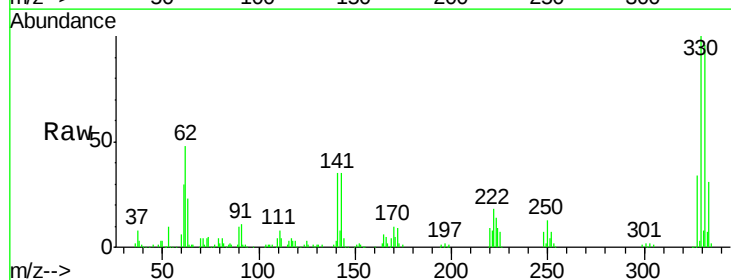
Tgt Ion:330 Resp: 233085

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

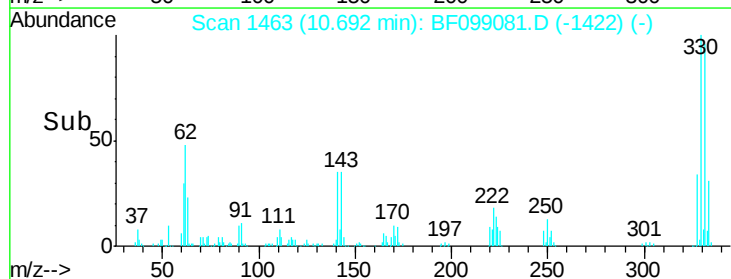
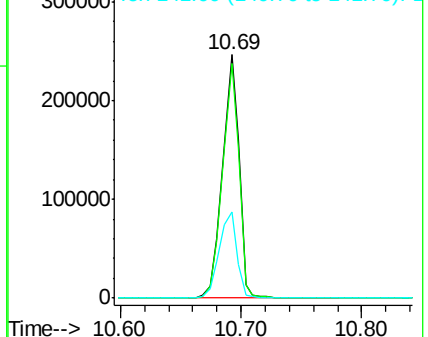
141 38.2 29.9 44.9

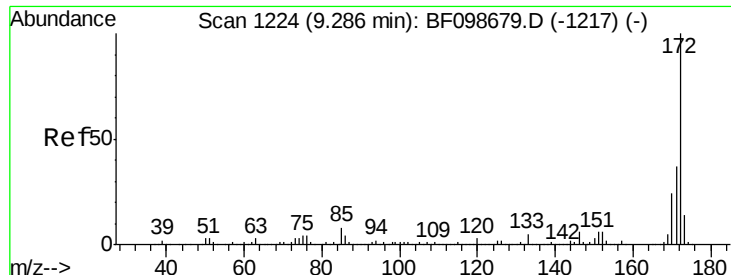


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

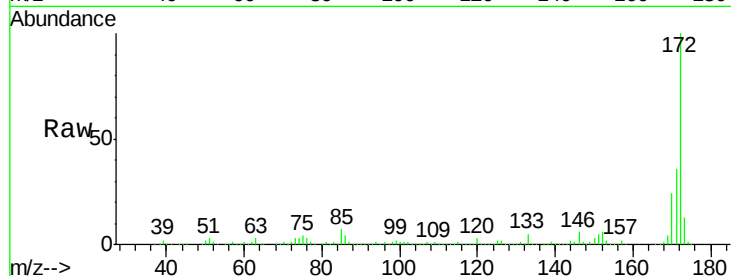




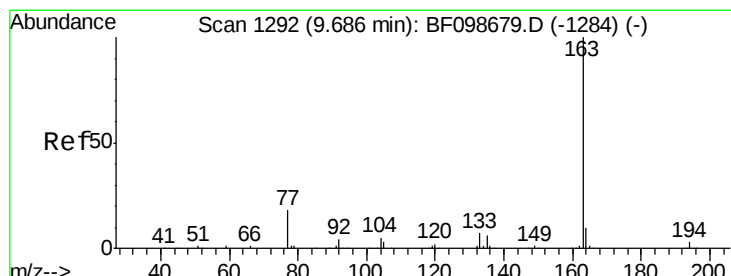
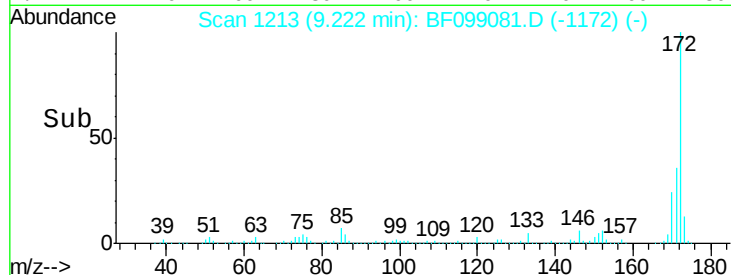
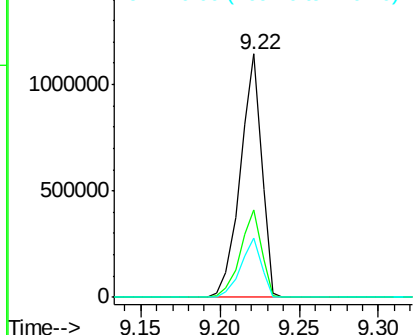
#44
2-Fluorobiphenyl
Concen: 75.55 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1060775
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

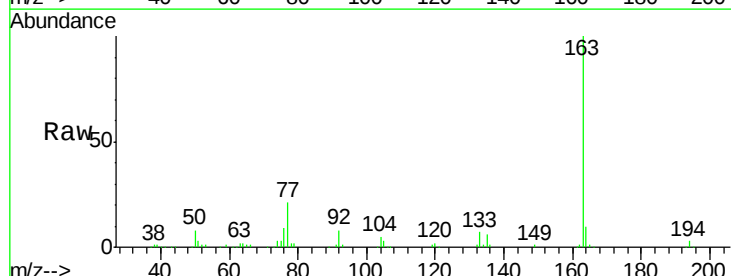


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

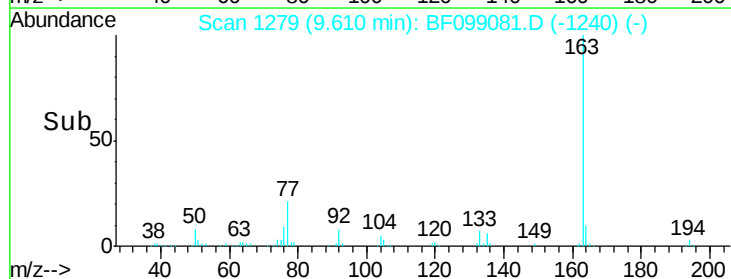
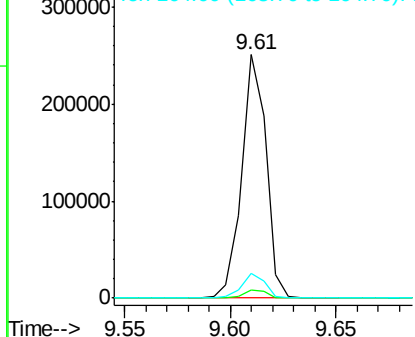


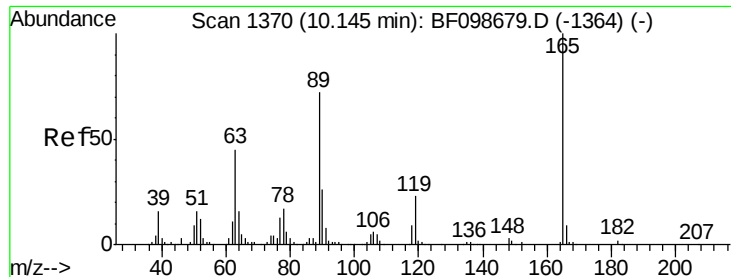
#49
Dimethylphthalate
Concen: 11.29 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion:163 Resp: 199803
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 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

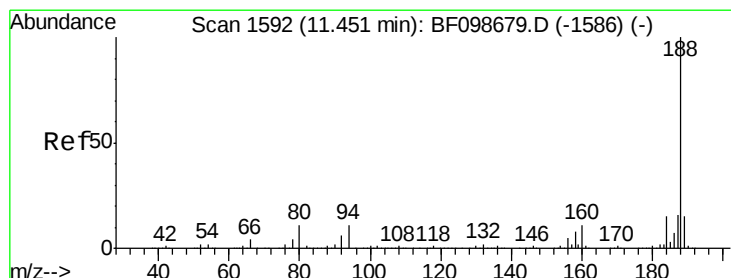
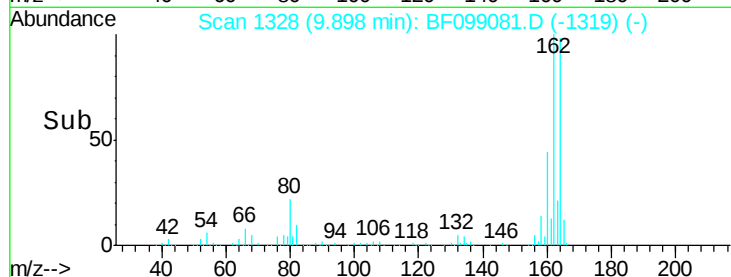
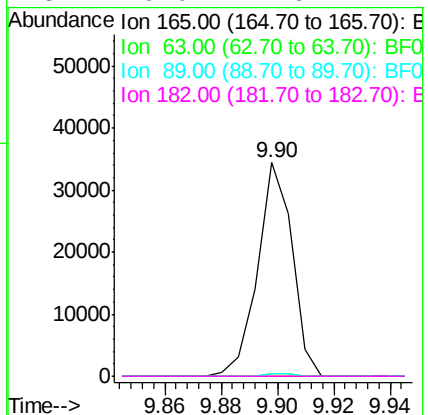
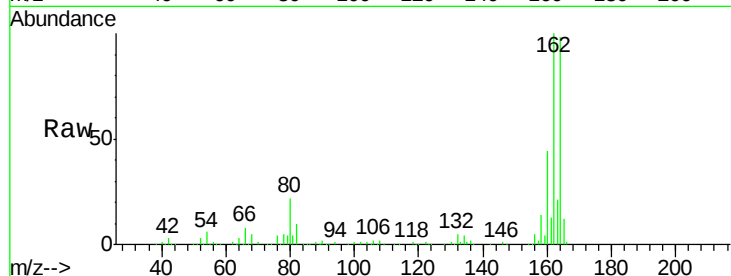




#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

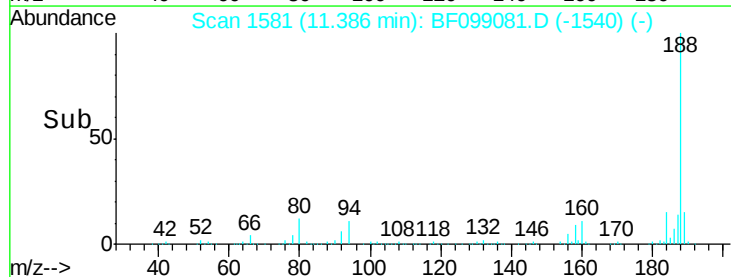
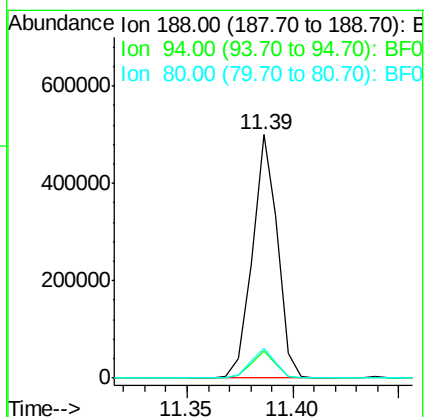
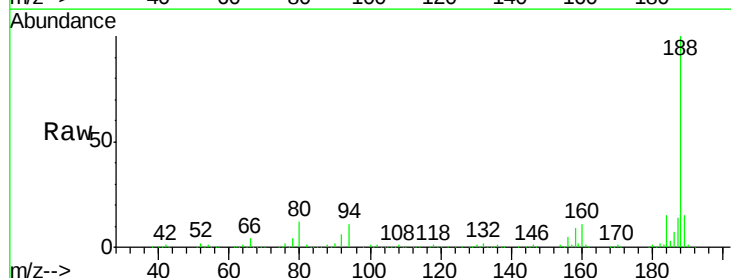
Instrument :
BNA_F
ClientSampleId :

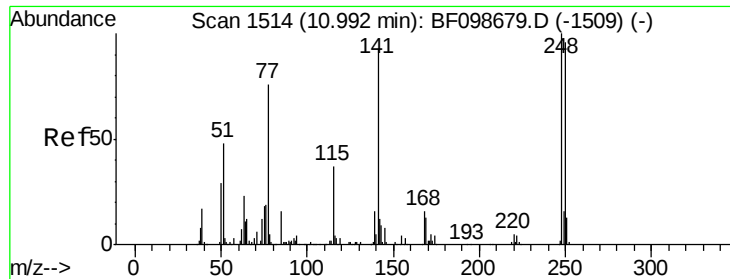
Tot Ion:165 Resp: 29180
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion:188 Resp: 412298
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8

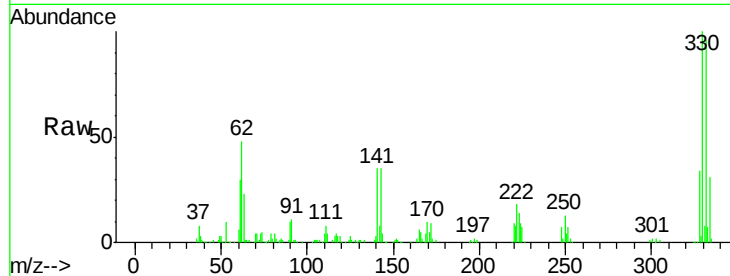




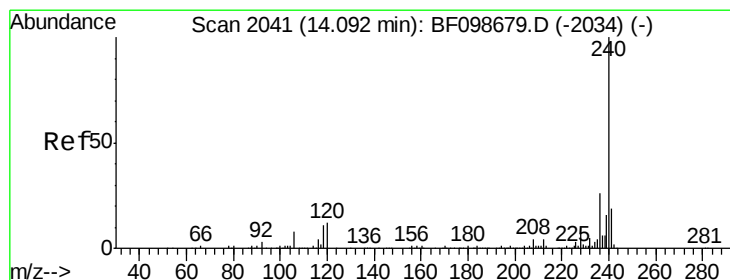
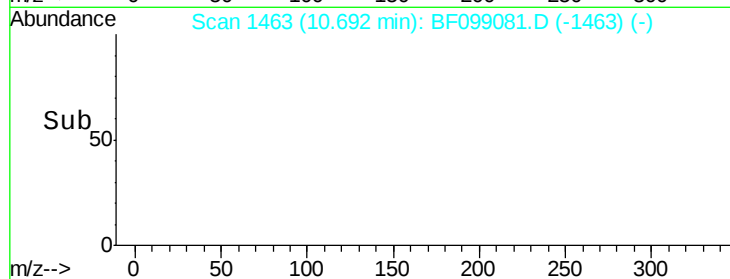
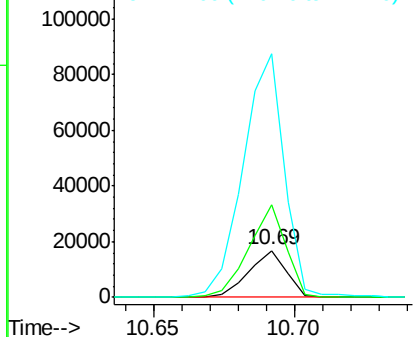
#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.30 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15486
 Ion Ratio Lower Upper
 248 100
 250 196.9 76.9 115.3#
 141 518.4 74.4 111.6#

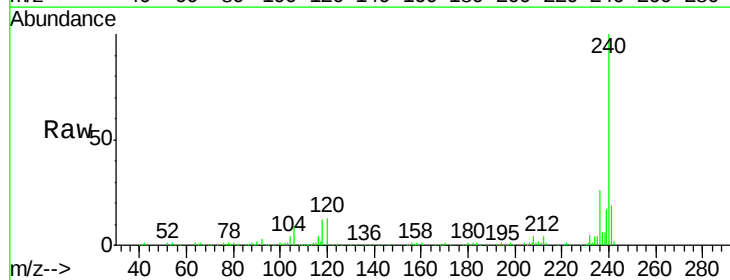


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

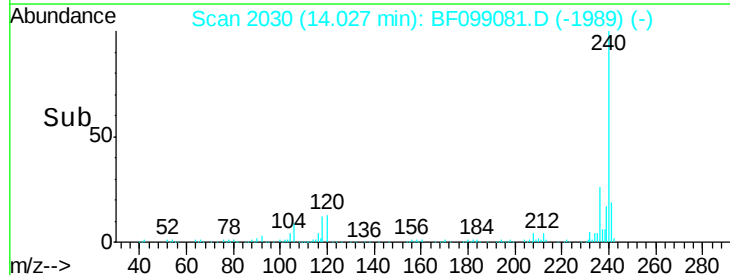
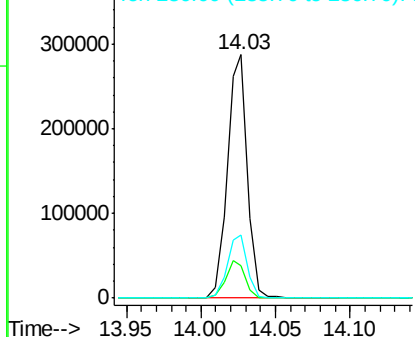


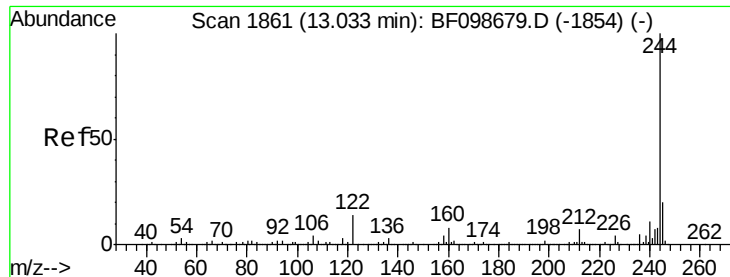
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Tgt Ion:240 Resp: 272227
 Ion Ratio Lower Upper
 240 100
 120 13.1 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

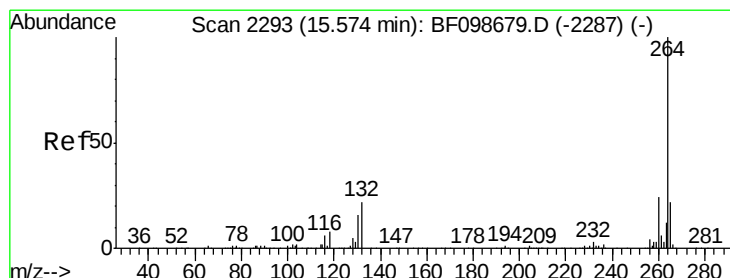
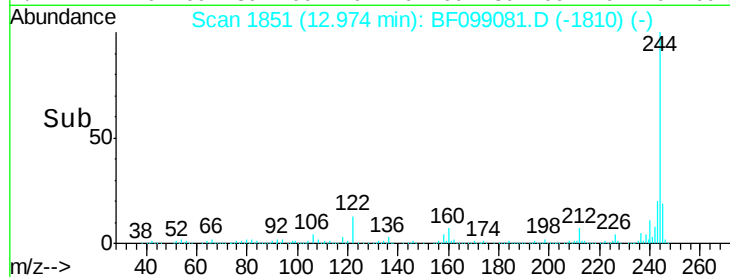
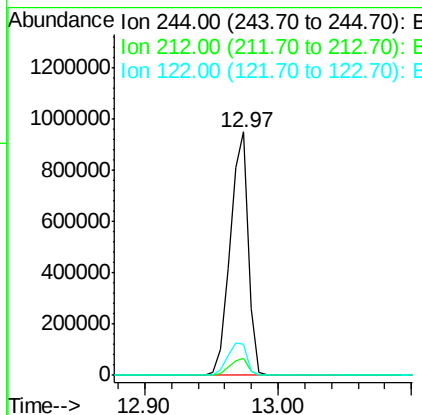
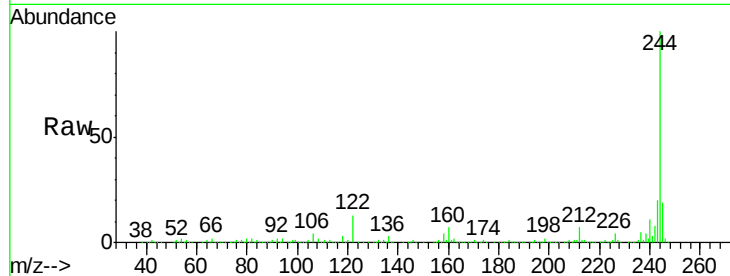




#78
 Terphenyl-d14
 Concen: 75.60 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 904980
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099081.D
 Acq: 4 Oct 2017 21:56

Tgt Ion:264 Resp: 200365
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.5 17.5 26.3

