

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099267.D
 Acq On : 9 Oct 2017 17:28
 Operator : SJ/JU
 Sample : I5651-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:10:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

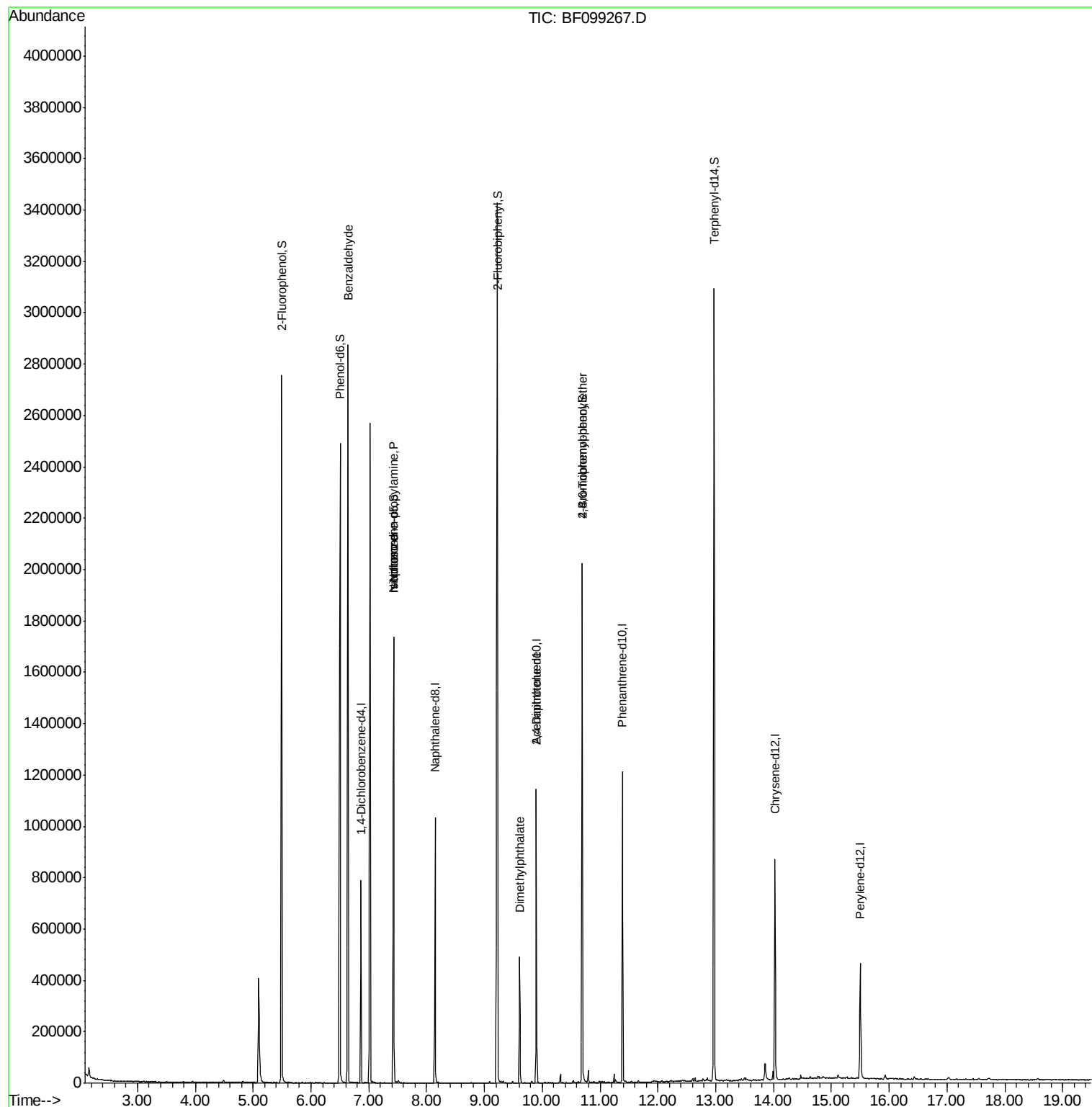
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109888	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	463283	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213718	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	395623	20.00	ng	0.00
75) Chrysene-d12	14.03	240	272527	20.00	ng	0.00
86) Perylene-d12	15.50	264	209667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	904452	131.02	ng	0.01
7) Phenol-d6	6.50	99	1108514	130.18	ng	0.00
23) Nitrobenzene-d5	7.43	82	671627	92.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	260773	149.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1196480	93.46	ng	0.00
78) Terphenyl-d14	12.97	244	1084986	90.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	17835	3.61	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.43	70	85745	15.77	ng	# 73
25) Isophorone	7.43	82	671623	44.97	ng	# 64
49) Dimethylphthalate	9.61	163	187037	11.60	ng	100
56) 2,4-Dinitrotoluene	9.90	165	27101	5.95	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16910	4.37	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: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

Instrument :

BNA_F

ClientSampled :

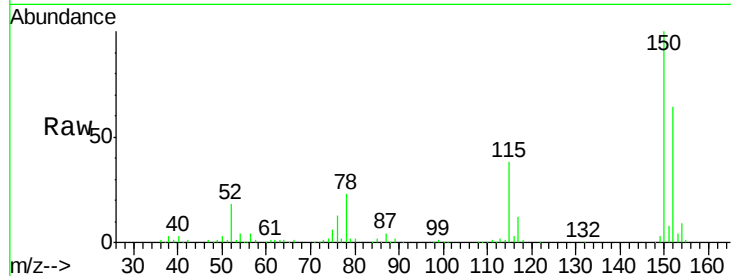
Tot Ion:152 Resp: 109888

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

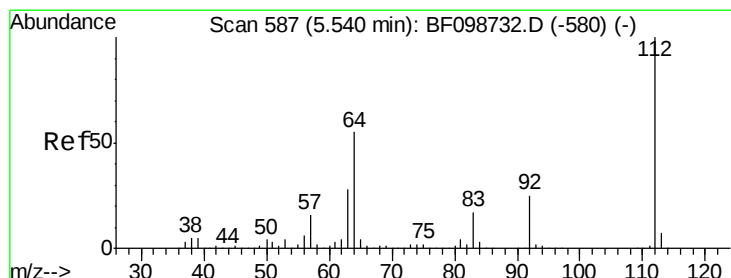
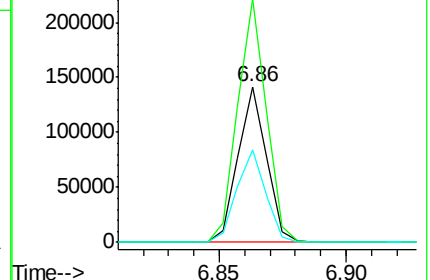
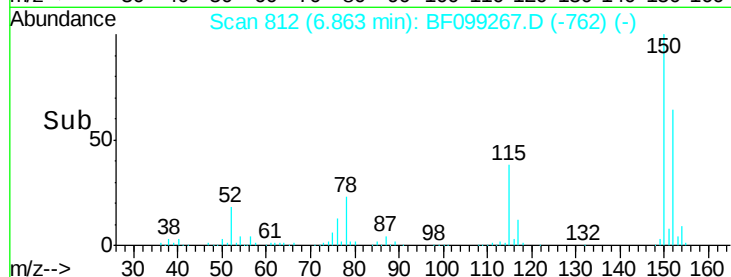
115 59.8 50.1 75.1



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: 131.02 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

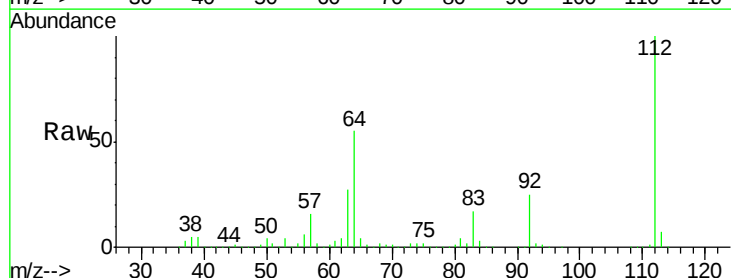
Tgt Ion:112 Resp: 904452

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

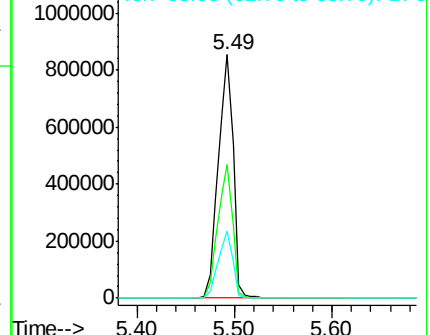
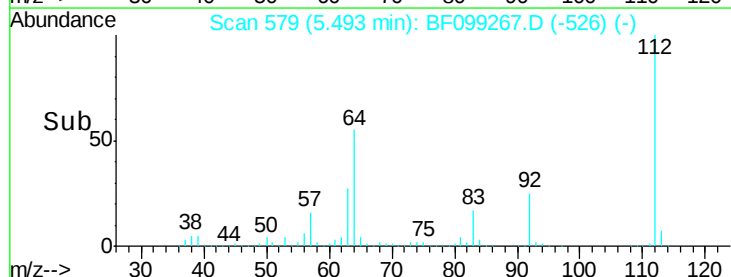
63 27.3 23.7 35.5

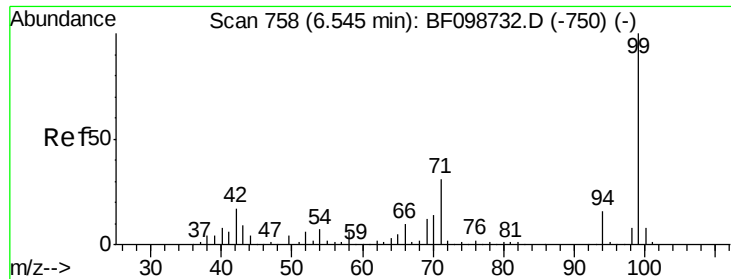


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.18 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

Instrument :

BNA_F

ClientSampleId :

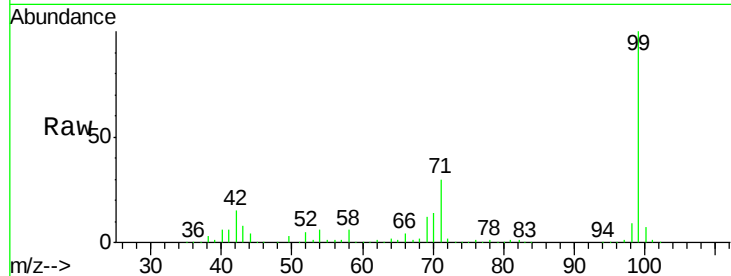
Tot Ion: 99 Resp: 1108514

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

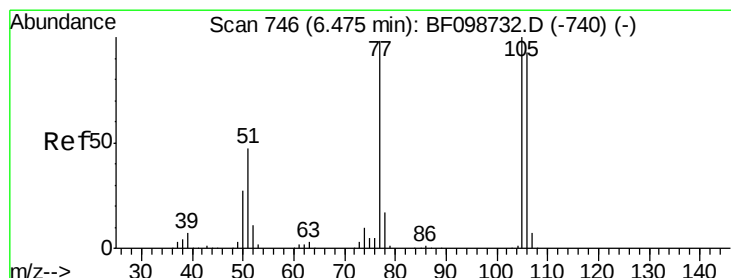
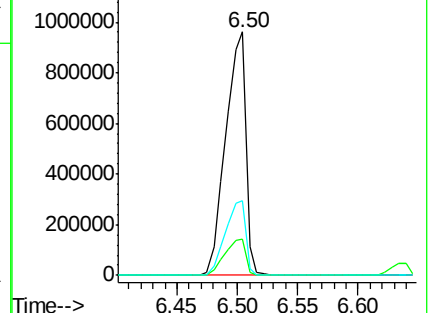
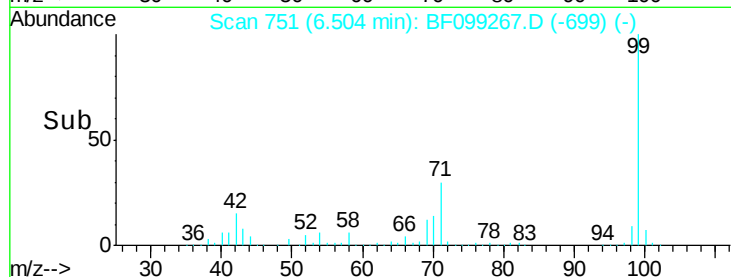
71 30.5 25.4 38.0



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: 3.61 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

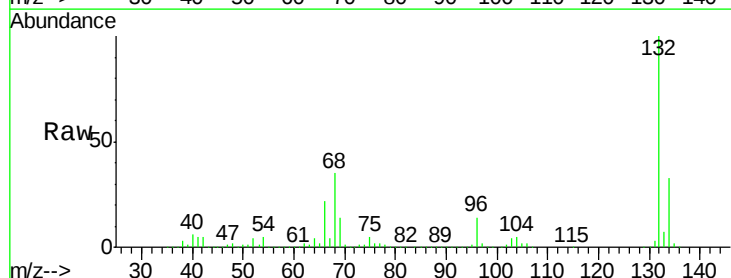
Tgt Ion: 77 Resp: 17835

Ion Ratio Lower Upper

77 100

105 93.4 81.1 121.1

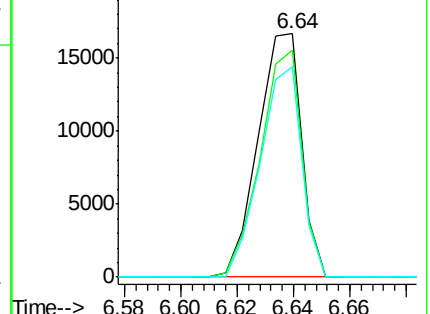
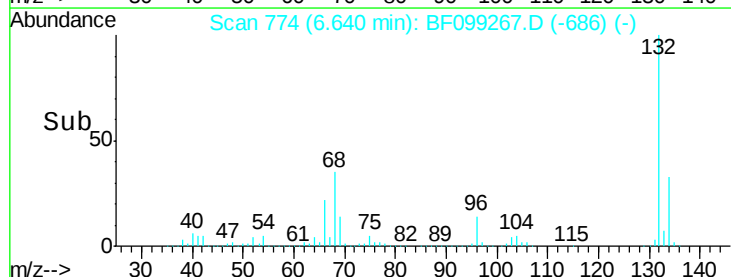
106 86.2 74.5 114.5

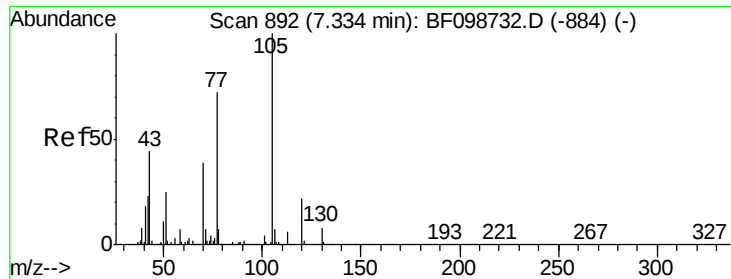


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

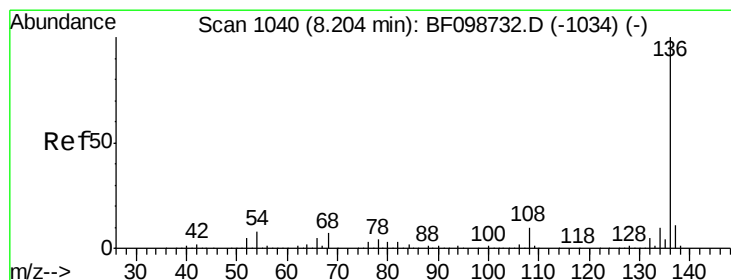
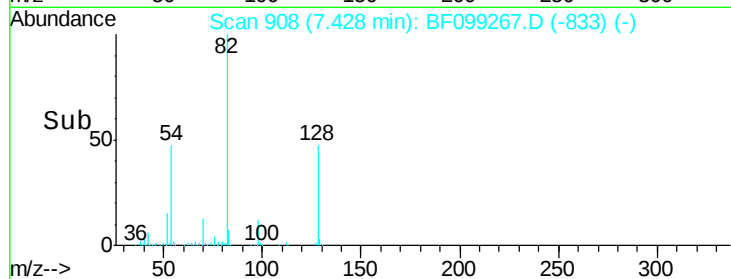
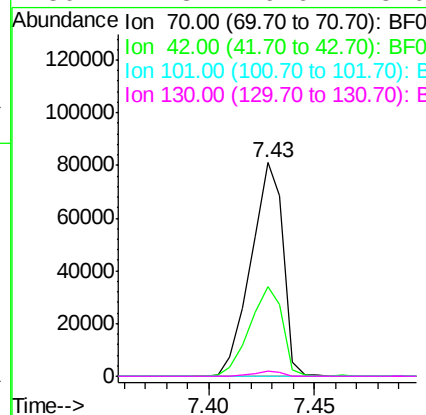
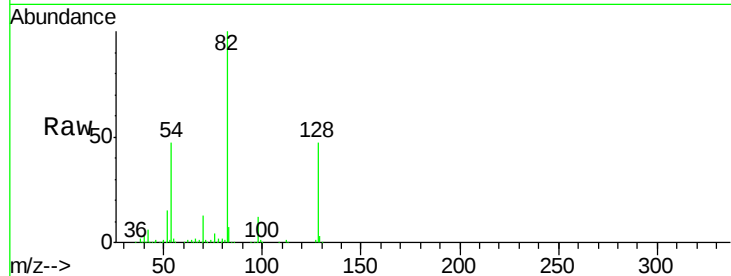




#19
n-Nitroso-di-n-propylamine
Concen: 15.77 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099267.D
Acq: 9 Oct 2017 17:28

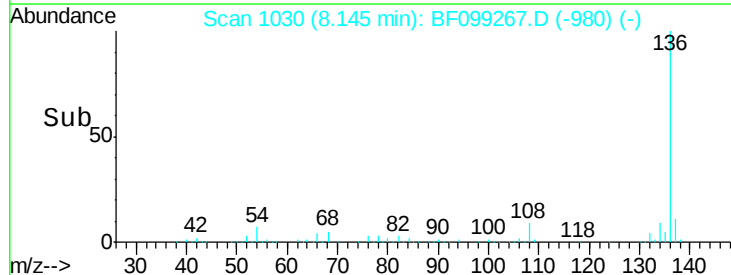
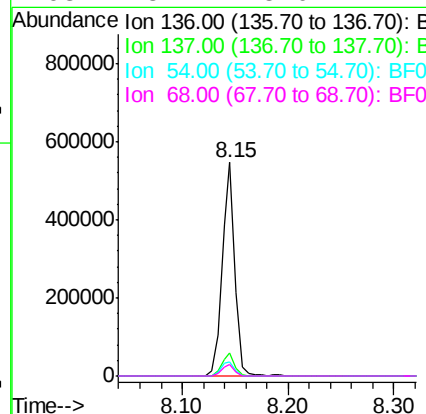
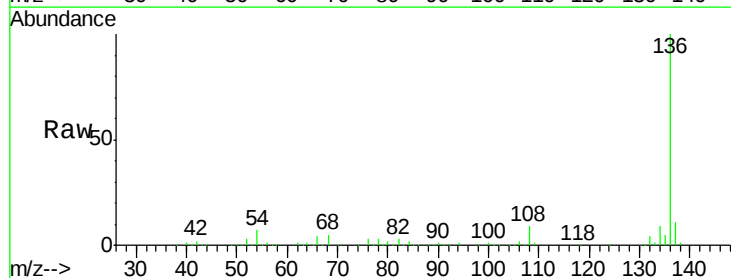
Instrument :
BNA_F
ClientSampleId :

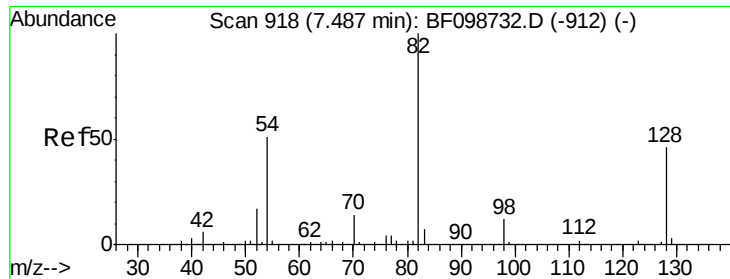
Tot Ion: 70 Resp: 85745
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099267.D
Acq: 9 Oct 2017 17:28

Tgt Ion:136 Resp: 463283
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 6.6 9.8
68 5.4 5.0 7.4

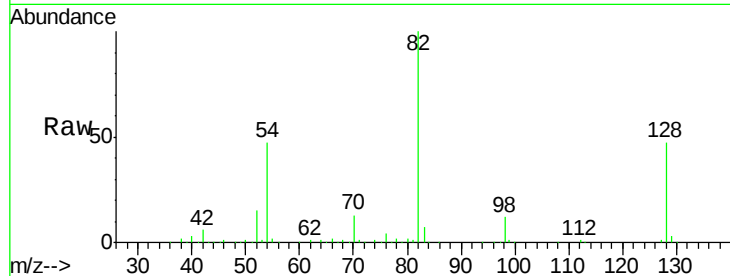




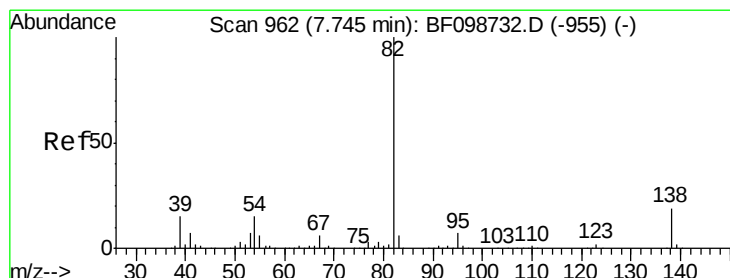
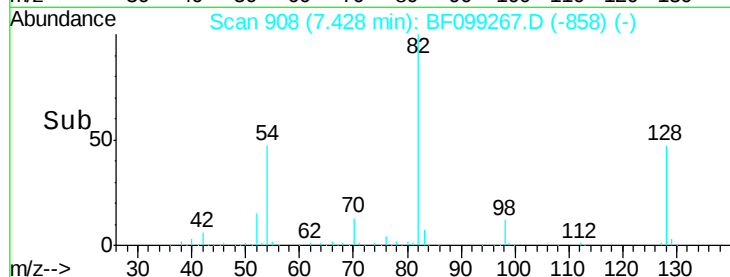
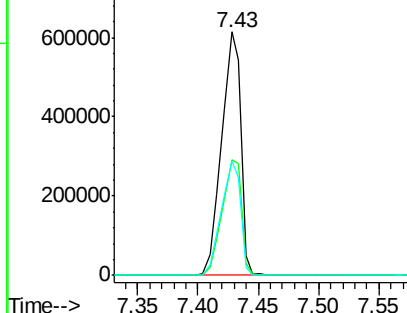
#23
 Nitrobenzene-d5
 Concen: 92.97 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	671627
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.2	41.4	62.2

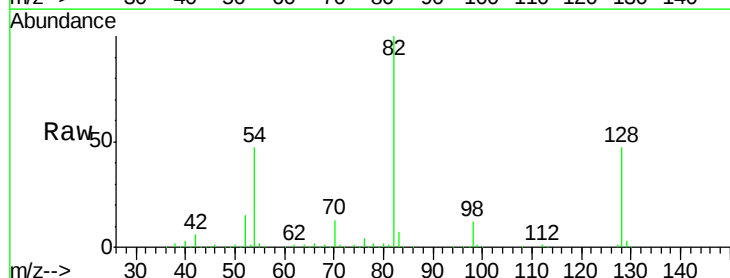


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

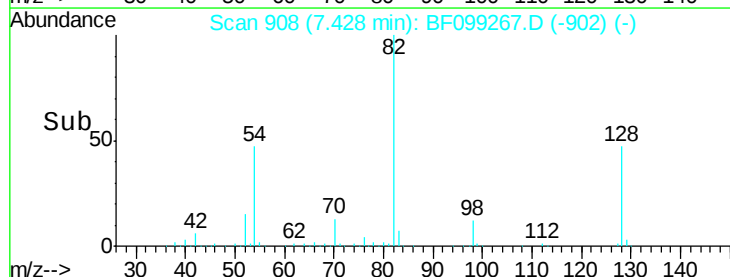
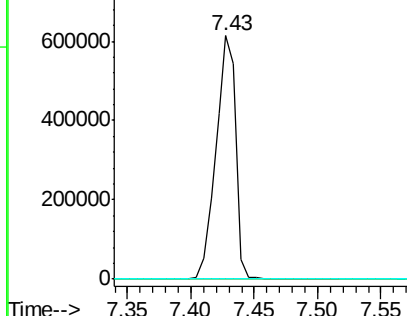


#25
 Isophorone
 Concen: 44.97 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

Tgt Ion	82	Resp	671623
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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. -0.01 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

Instrument :

BNA_F

ClientSampleId :

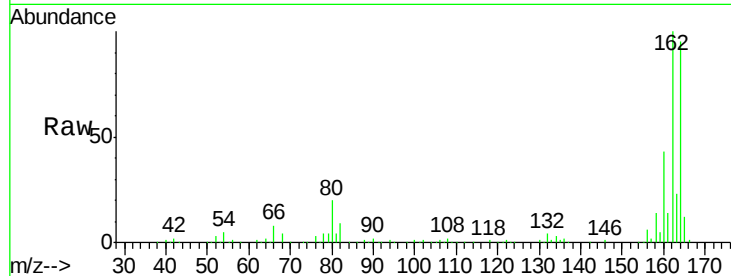
Tot Ion:164 Resp: 213718

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

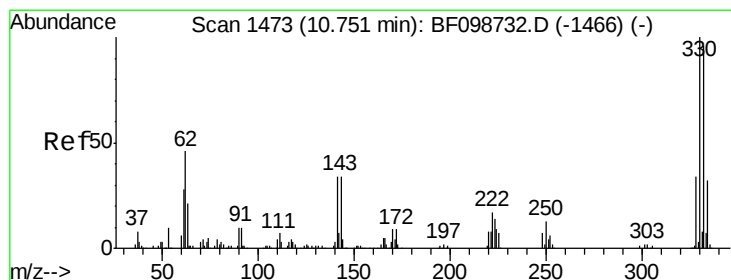
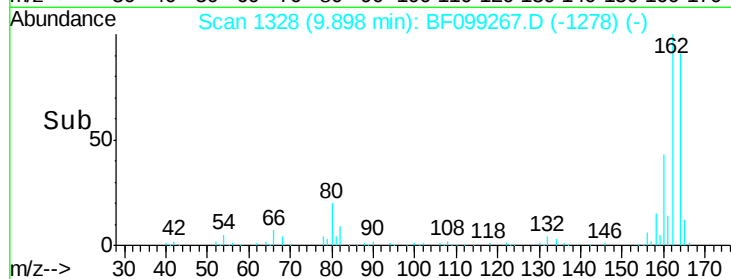
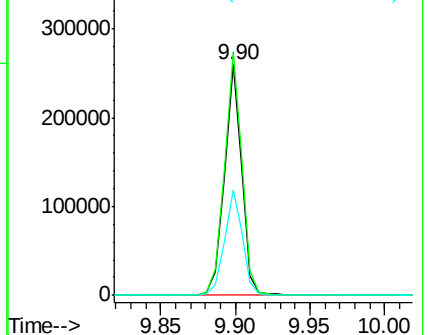
160 45.6 38.3 57.5



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: 149.12 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

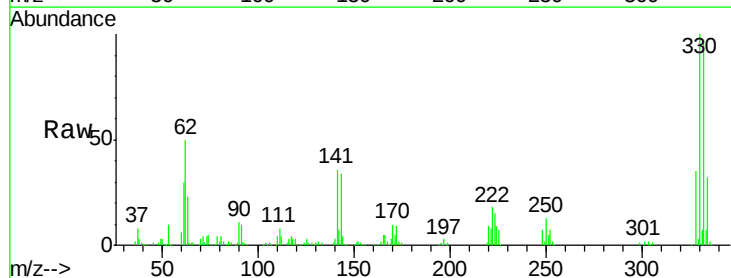
Tgt Ion:330 Resp: 260773

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

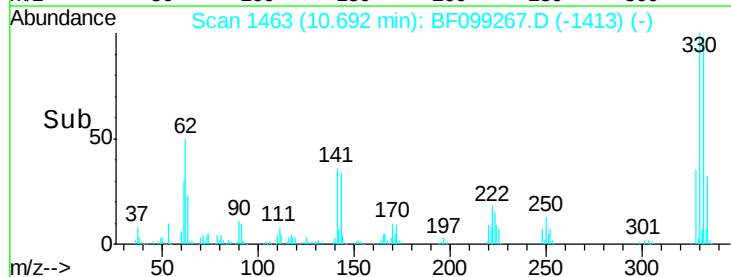
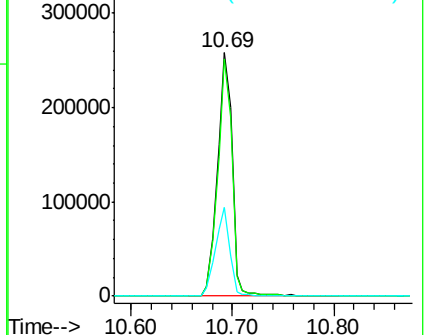
141 35.7 29.9 44.9

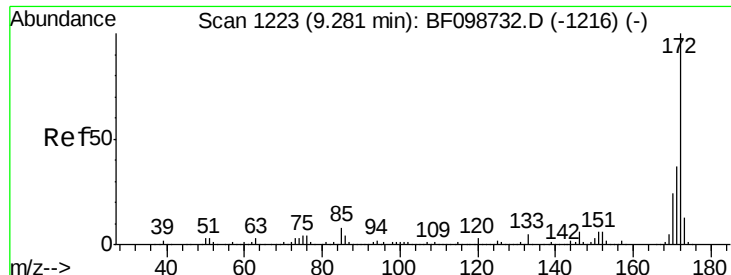


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

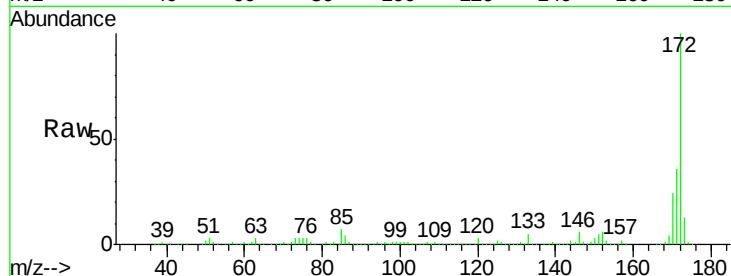




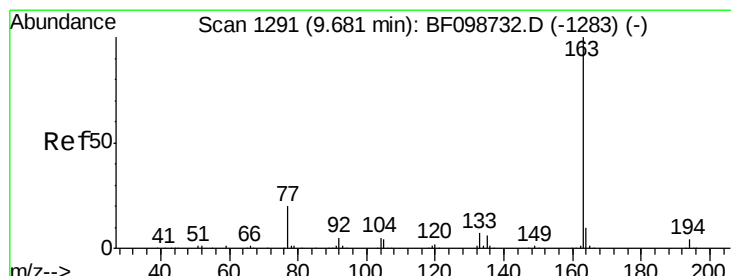
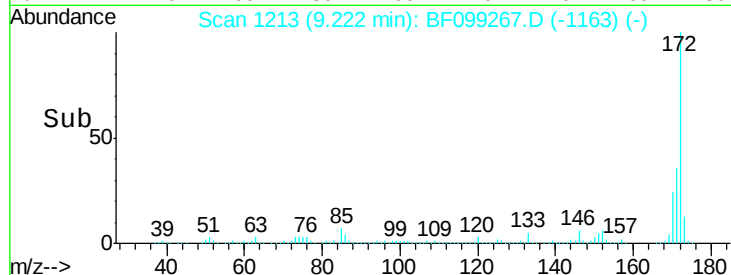
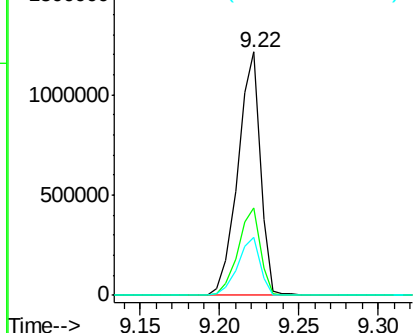
#44
2-Fluorobiphenyl
Concen: 93.46 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099267.D
Acq: 9 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1196480
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.6 29.4

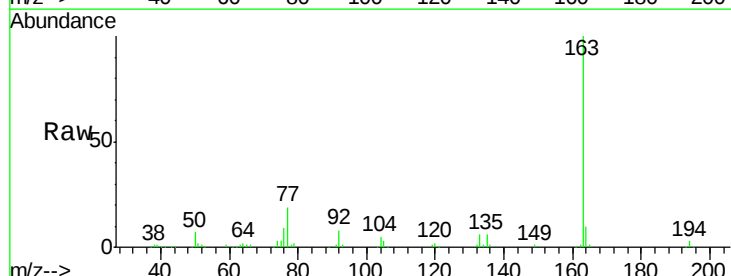


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

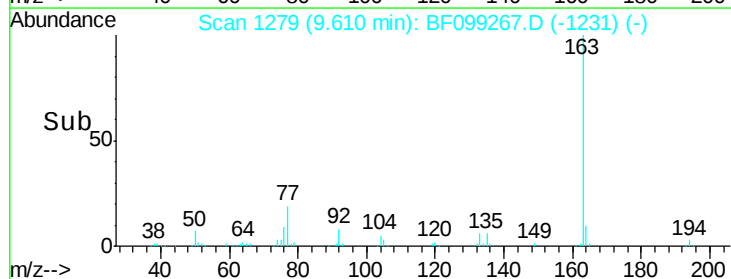
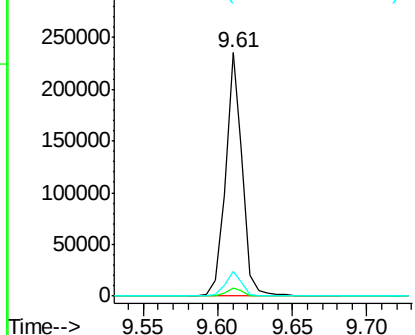


#49
Dimethylphthalate
Concen: 11.60 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099267.D
Acq: 9 Oct 2017 17:28

Tgt Ion:163 Resp: 187037
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 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

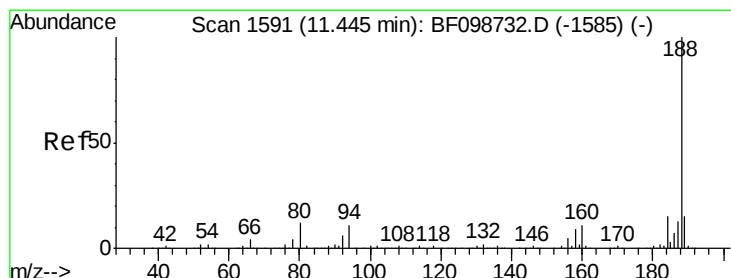
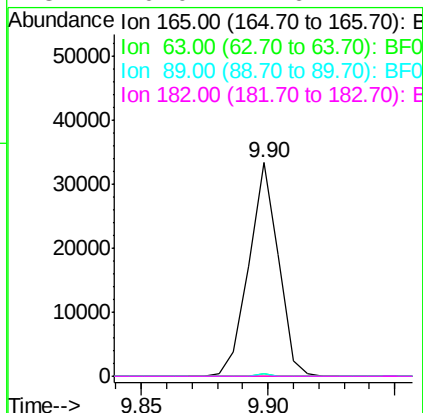
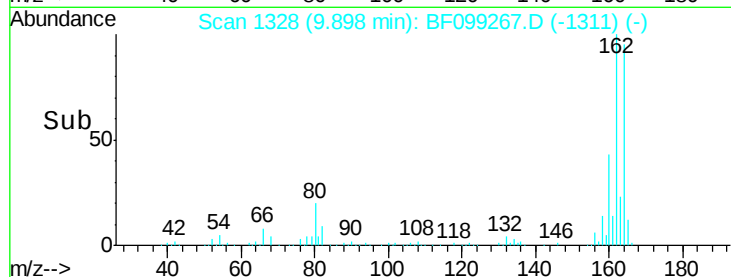
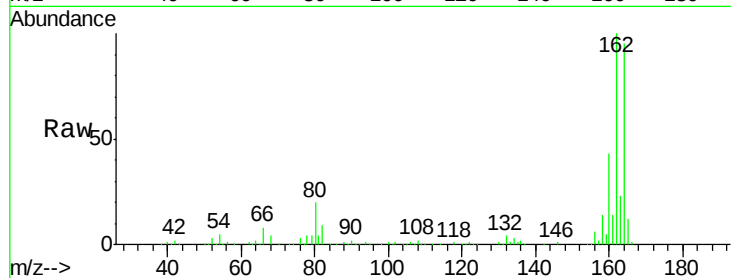




#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

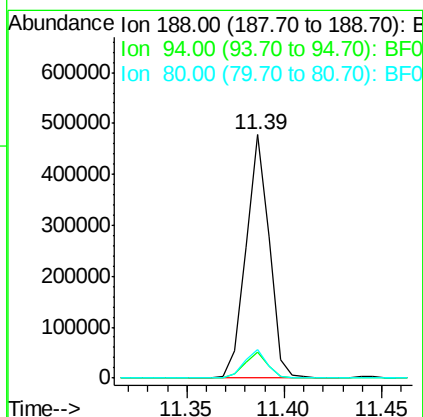
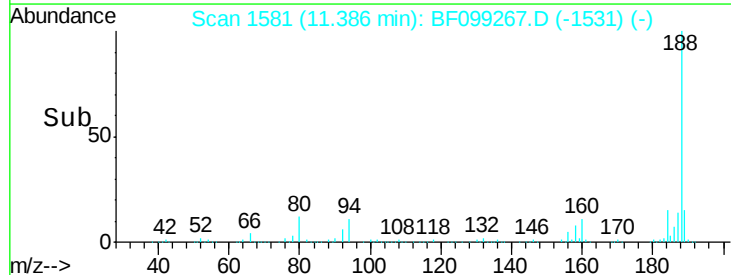
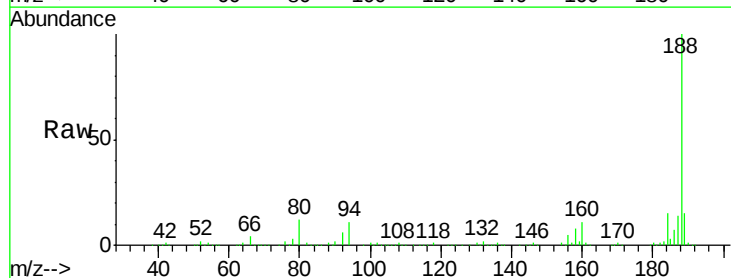
Instrument :
 BNA_F
 ClientSampled :

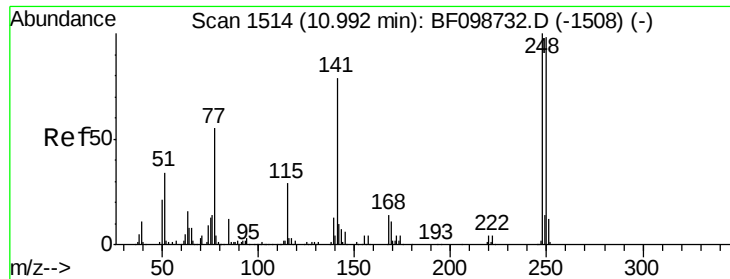
Tot Ion:165	Resp:	27101
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	0.9	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

Tgt Ion:188	Resp:	395623
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	11.5	9.2 13.8

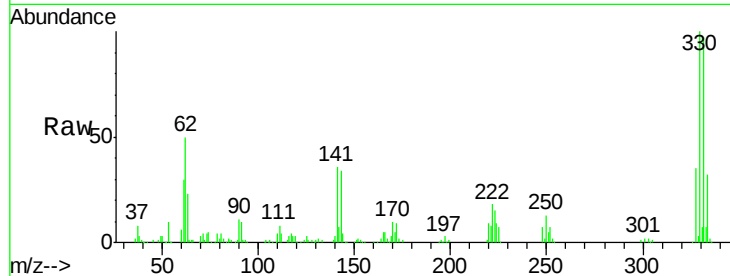




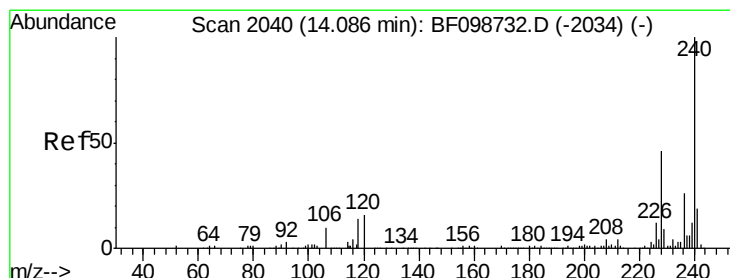
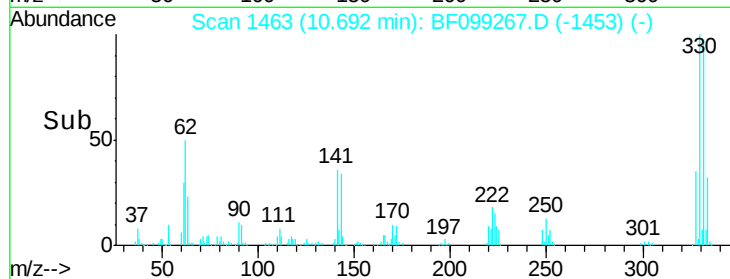
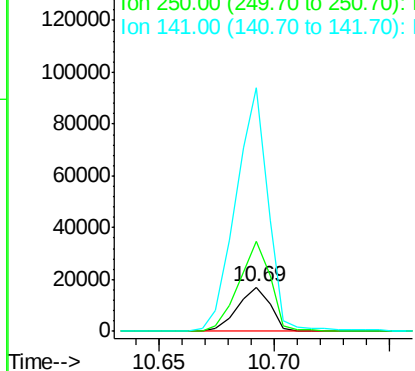
#66
 4-Bromophenyl-phenylether
 Concen: 4.37 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16910
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.9 115.3#
 141 547.2 74.4 111.6#

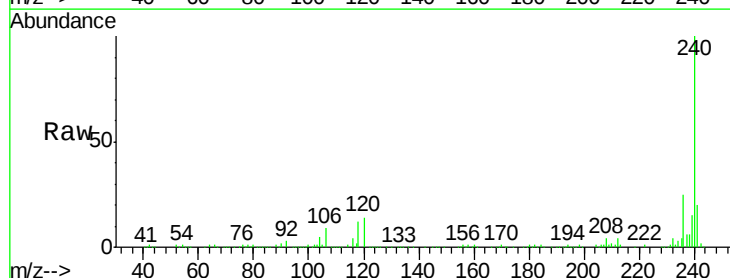


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

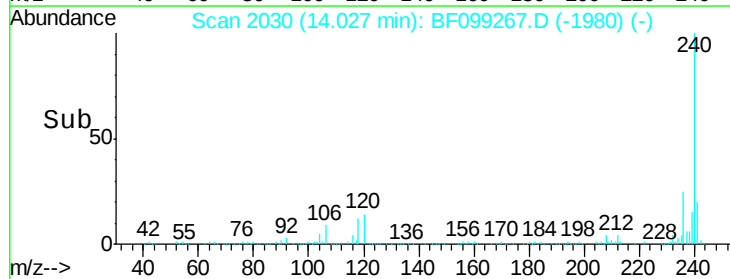
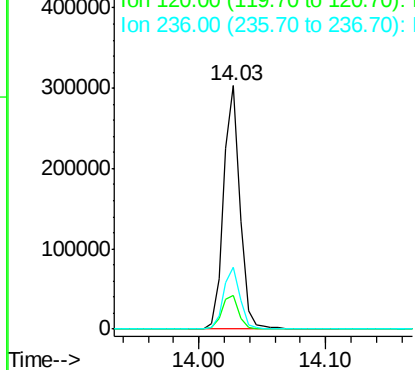


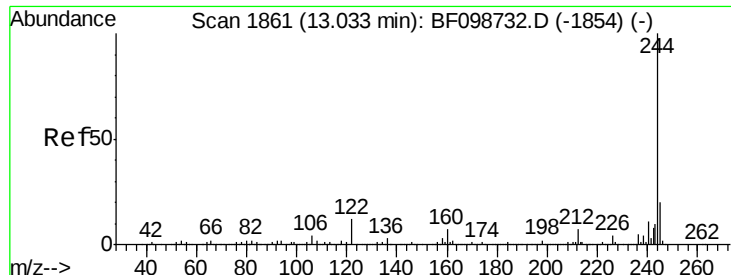
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099267.D
 Acq: 9 Oct 2017 17:28

Tgt Ion:240 Resp: 272527
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.3 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: 90.54 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

Instrument :

BNA_F

ClientSampled :

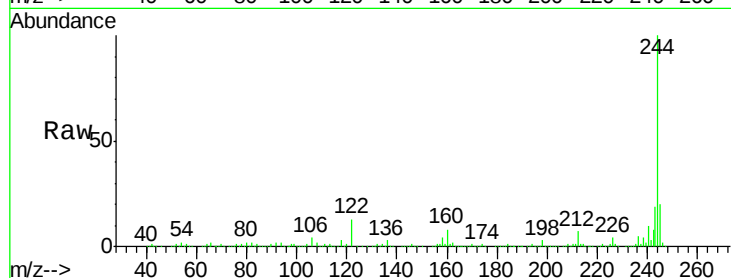
Tot Ion:244 Resp: 1084986

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

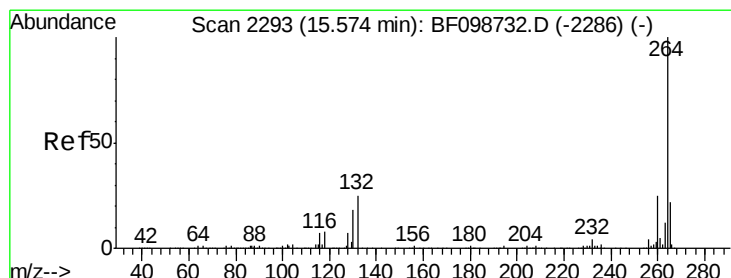
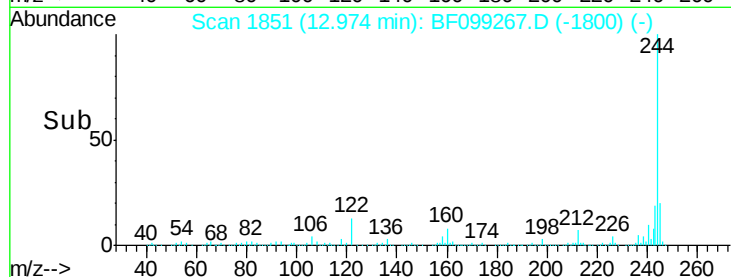
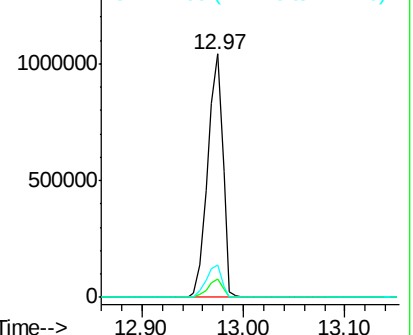
122 13.5 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099267.D

Acq: 9 Oct 2017 17:28

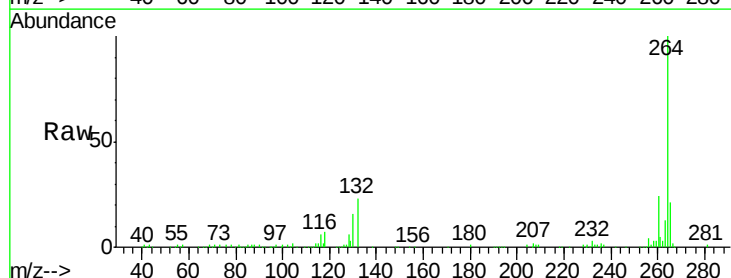
Tgt Ion:264 Resp: 209667

Ion Ratio Lower Upper

264 100

260 23.8 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

