

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099153.D
 Acq On : 6 Oct 2017 17:56
 Operator : SJ/JU
 Sample : PB102940BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:56:59 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

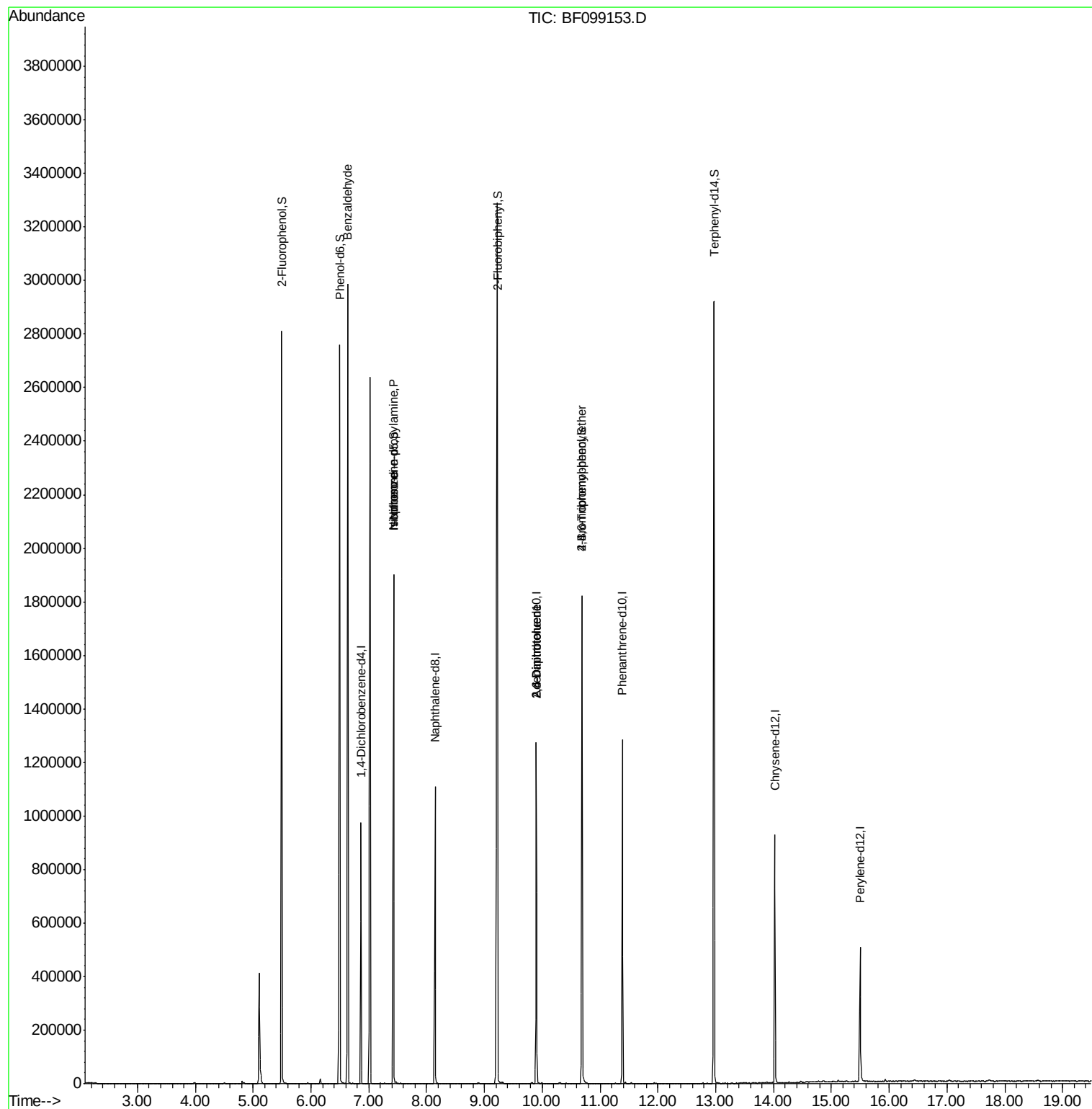
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133454	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	547765	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	249629	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	432602	20.00	ng	0.00
75) Chrysene-d12	14.02	240	301243	20.00	ng	-0.01
86) Perylene-d12	15.50	264	228209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	951642	113.52	ng	0.01
7) Phenol-d6	6.50	99	1116304	107.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	690764	80.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	233787	114.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1261091	84.34	ng	0.00
78) Terphenyl-d14	12.97	244	1074282	81.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18823	3.14	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.43	70	88350	13.38	ng	# 72
25) Isophorone	7.43	82	690429	39.10	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30634	7.47	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30634	5.75	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15433	3.64	ng	# 1

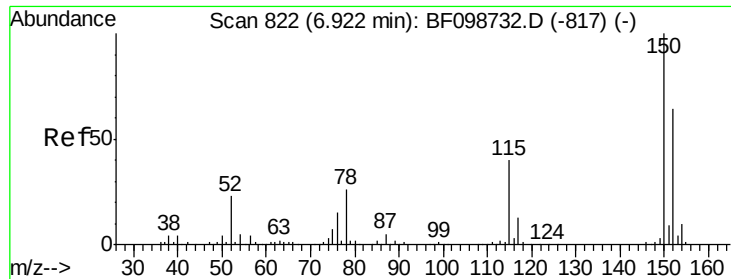
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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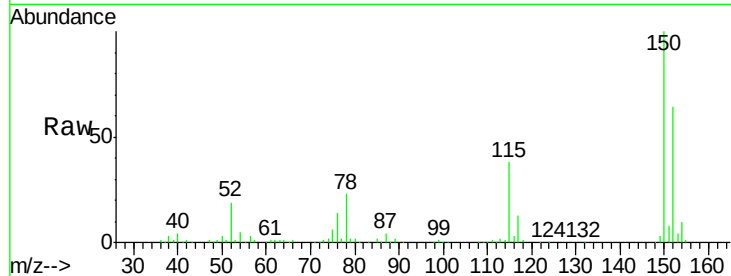


#1

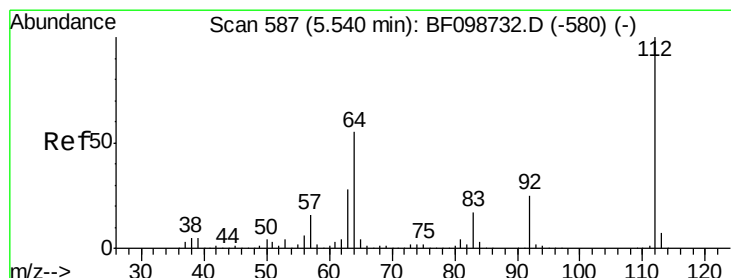
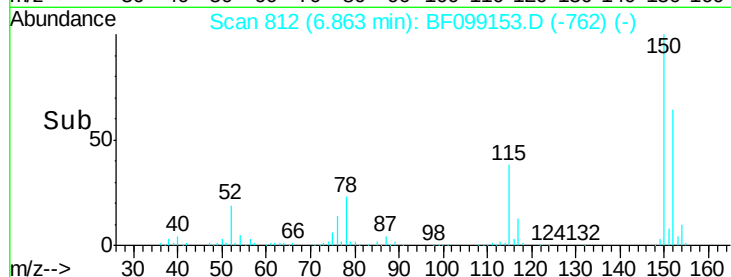
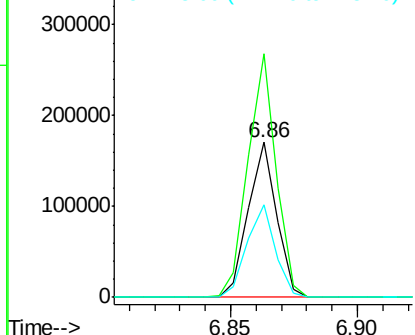
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133454
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.6 50.1 75.1



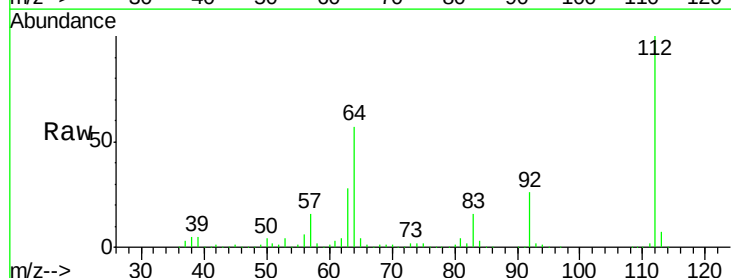
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



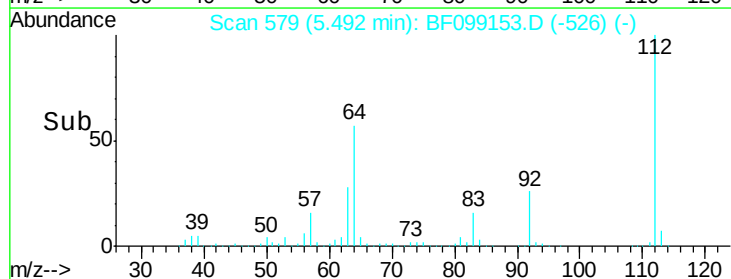
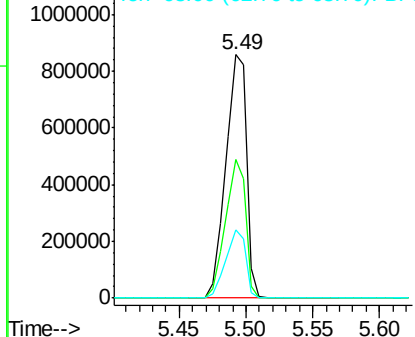
#5

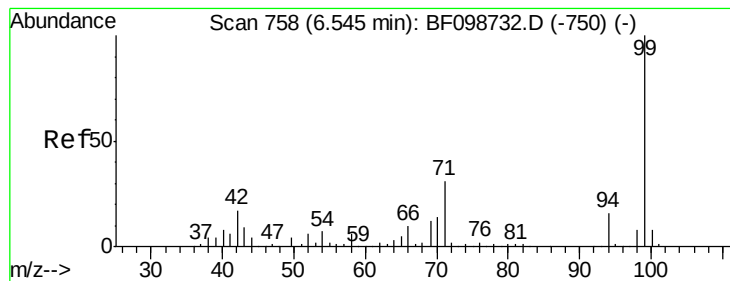
2-Fluorophenol
Concen: 113.52 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Tgt Ion:112 Resp: 951642
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 27.9 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: 107.94 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099153.D

Acq: 6 Oct 2017 17:56

Instrument :

BNA_F

ClientSampled :

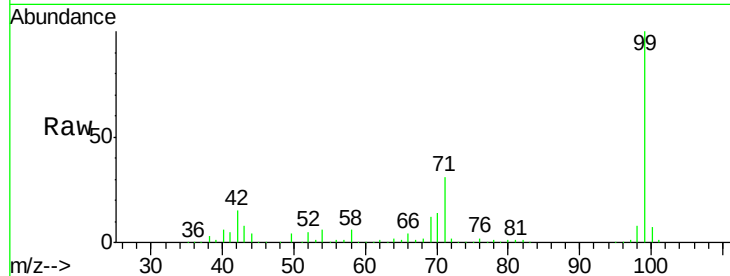
Tot Ion: 99 Resp: 1116304

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

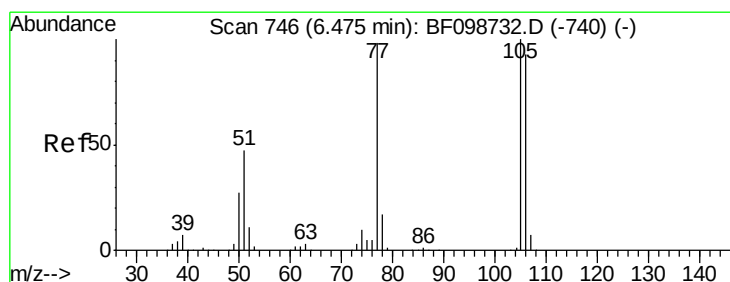
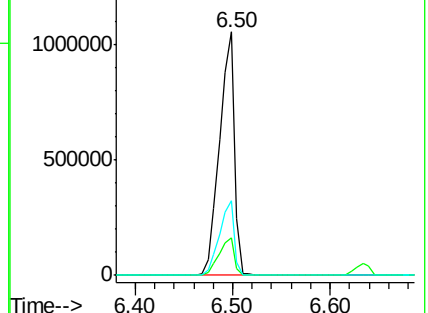
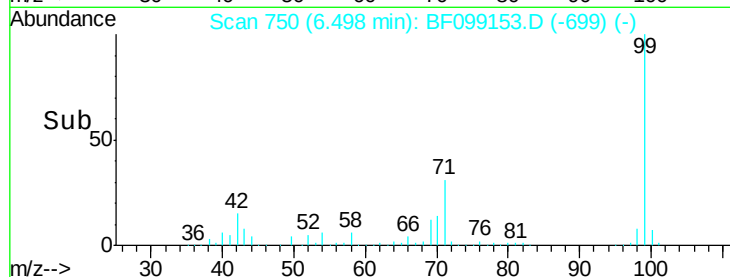
71 30.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.14 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099153.D

Acq: 6 Oct 2017 17:56

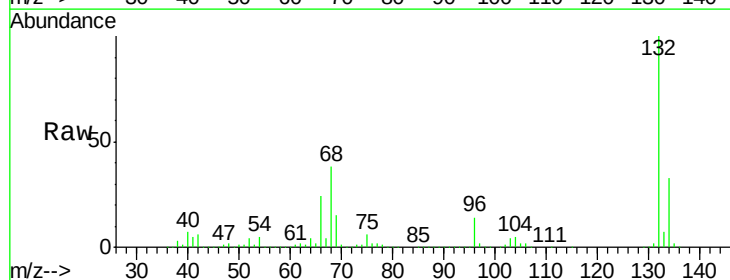
Tgt Ion: 77 Resp: 18823

Ion Ratio Lower Upper

77 100

105 84.7 81.1 121.1

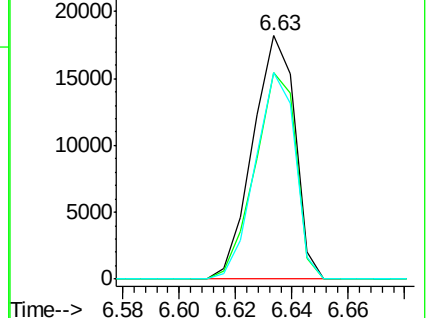
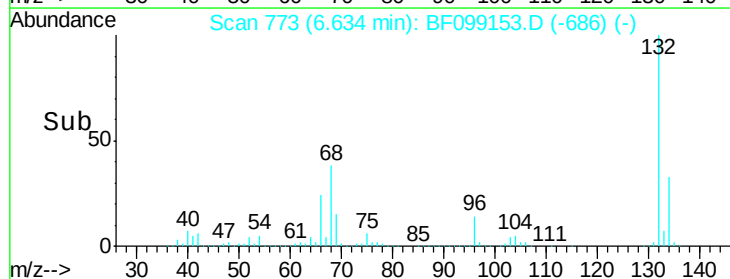
106 84.7 74.5 114.5

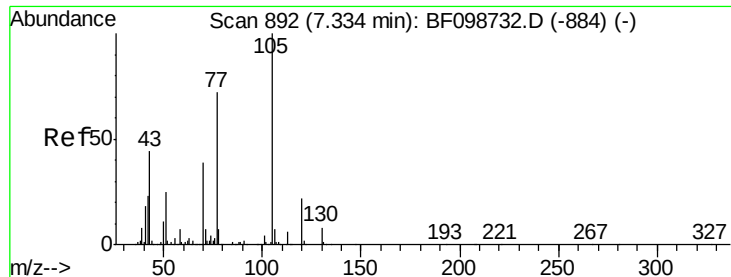


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

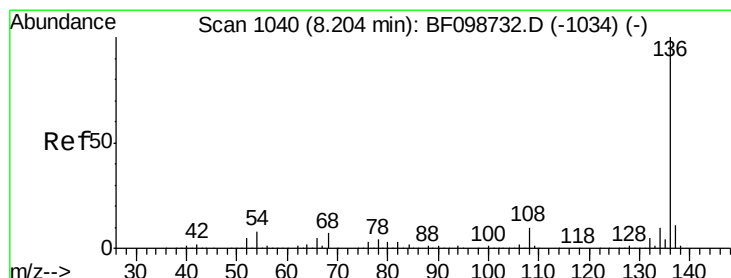
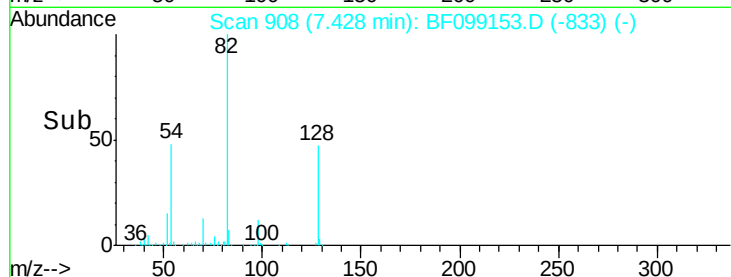
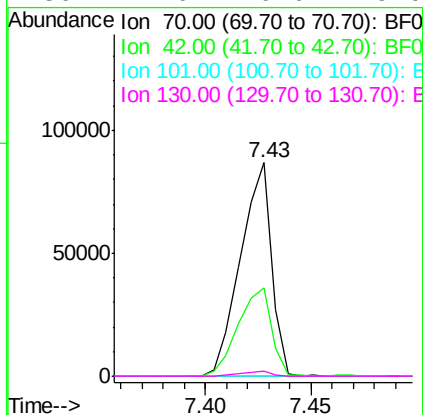
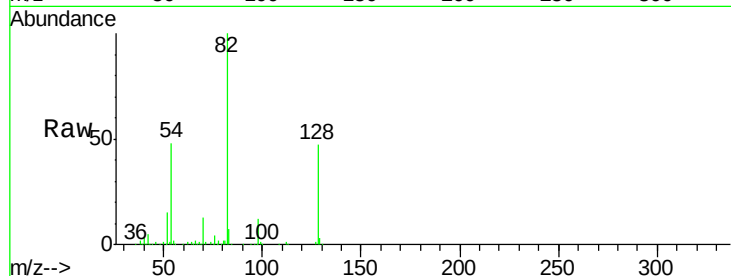




#19
n-Nitroso-di-n-propylamine
Concen: 13.38 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

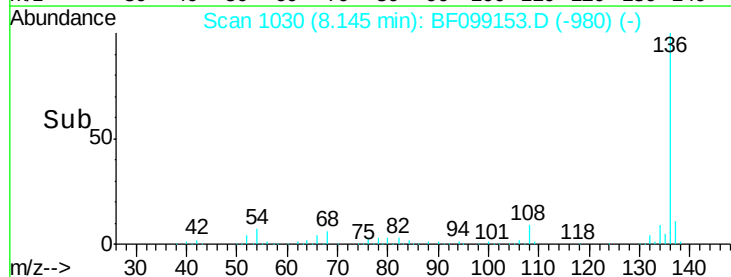
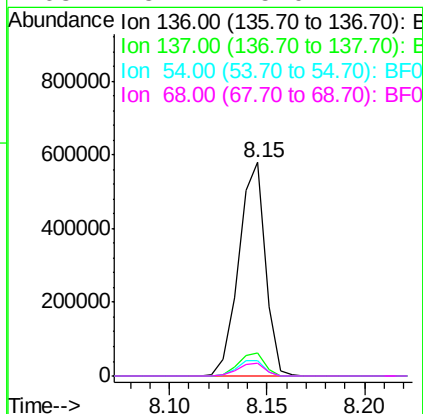
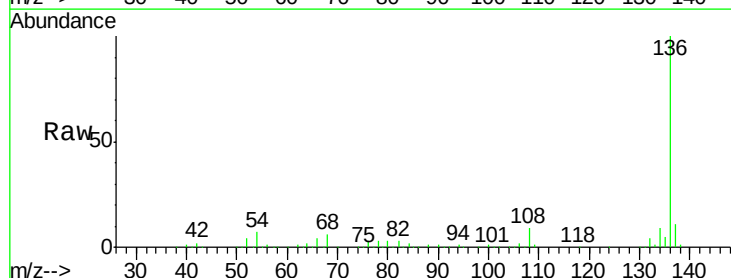
Instrument :
BNA_F
ClientSampleId :

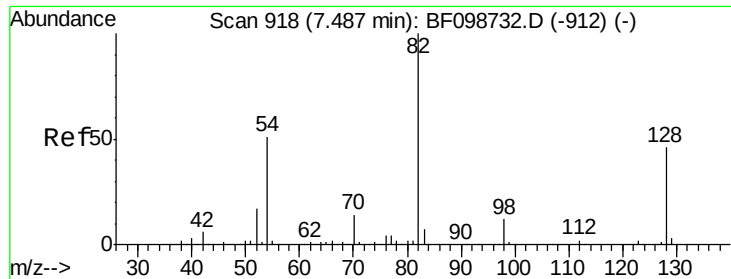
Tot Ion: 70 Resp: 88350
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Tgt Ion: 136 Resp: 547765
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.6 9.8
68 5.7 5.0 7.4

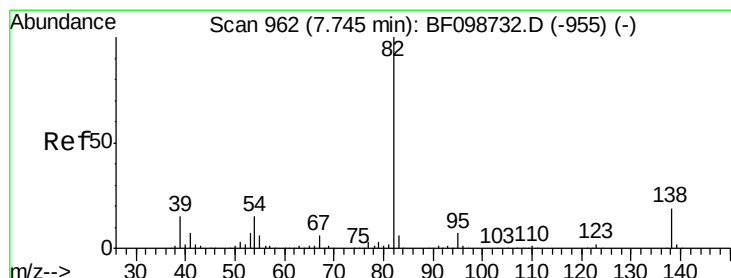
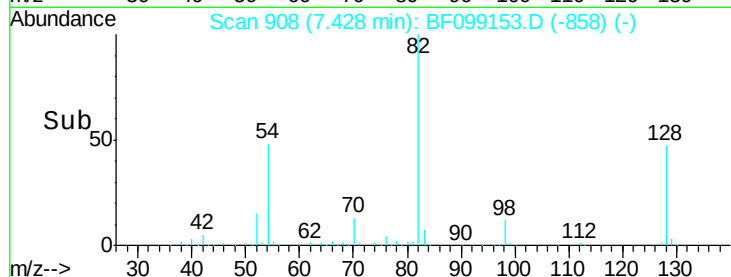
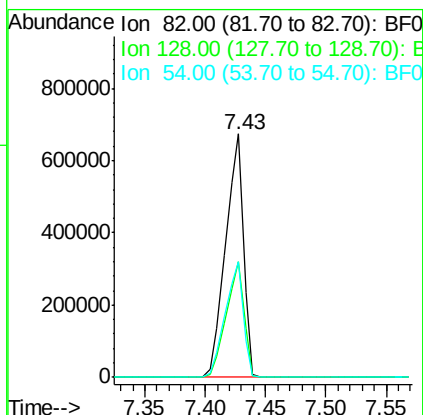
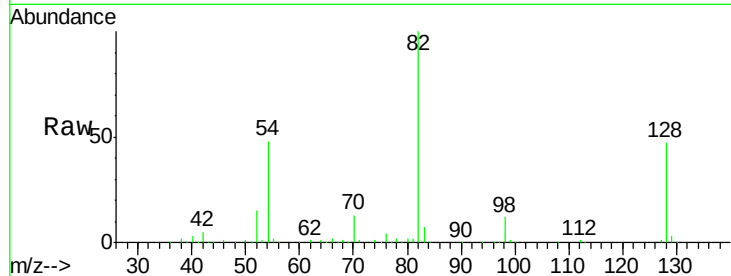




#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

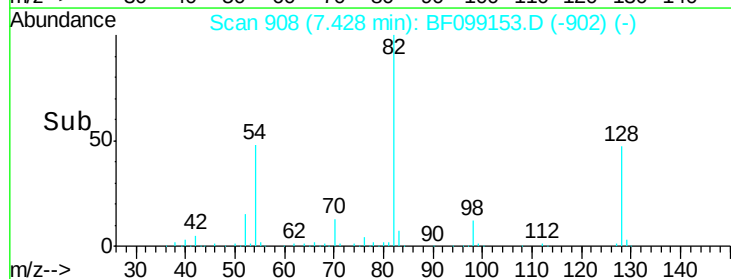
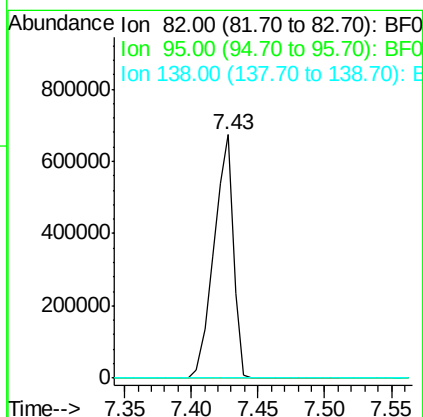
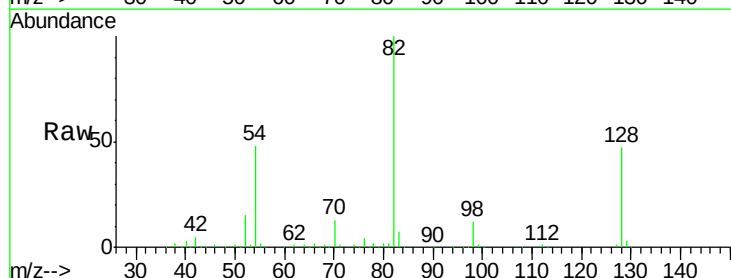
Instrument :
 BNA_F
 ClientSampleId :

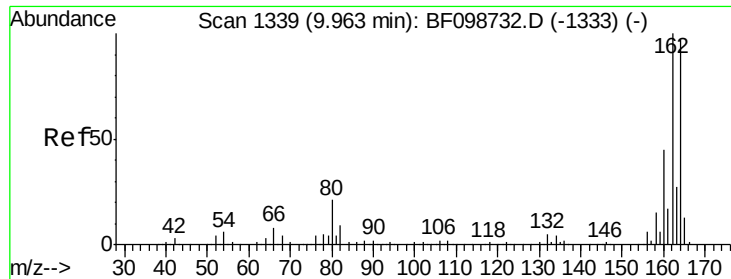
Tot Ion	82	Resp	690764
Ion Ratio	100	Lower	Upper
128	47.4	36.1	54.1
54	47.6	41.4	62.2



#25
 Isophorone
 Concen: 39.10 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

Tgt Ion	82	Resp	690429
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

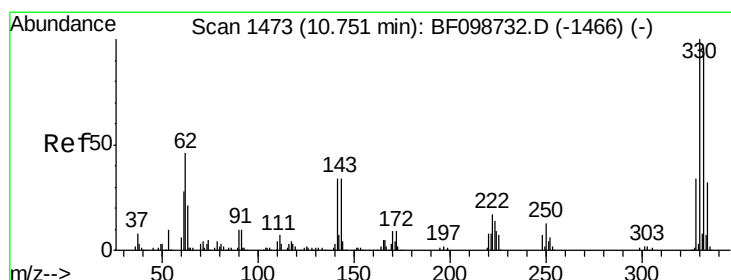
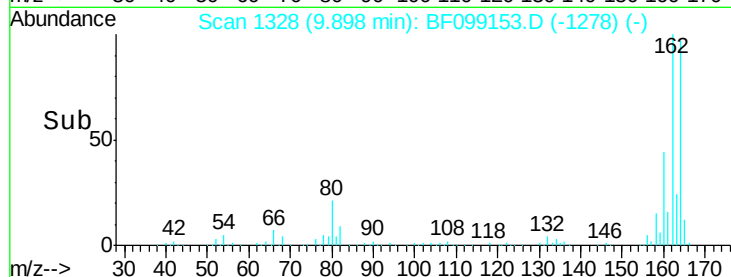
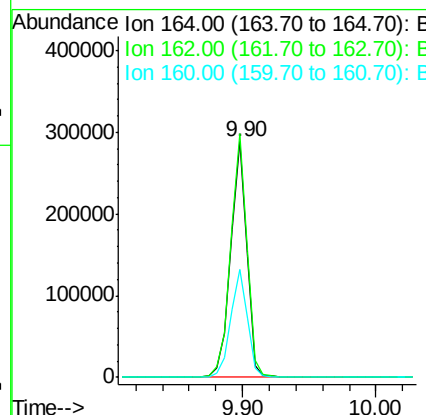
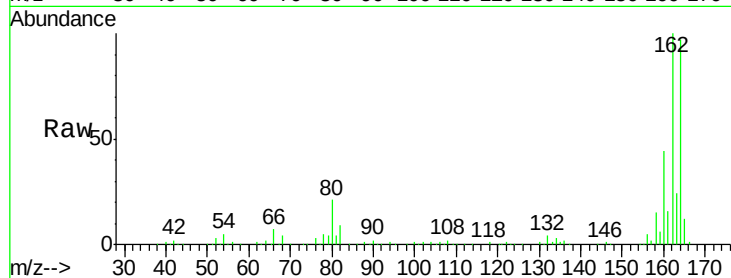




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

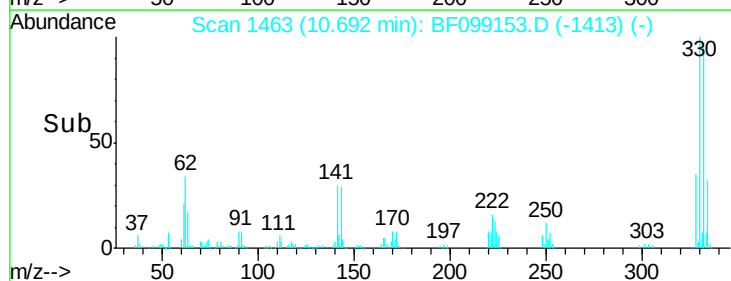
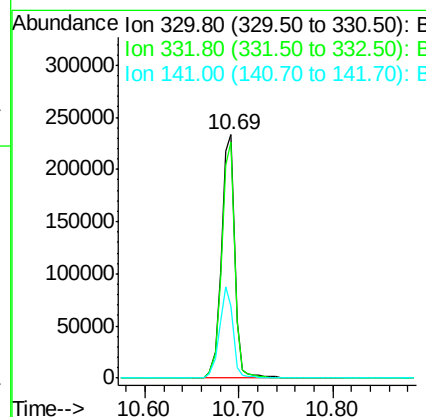
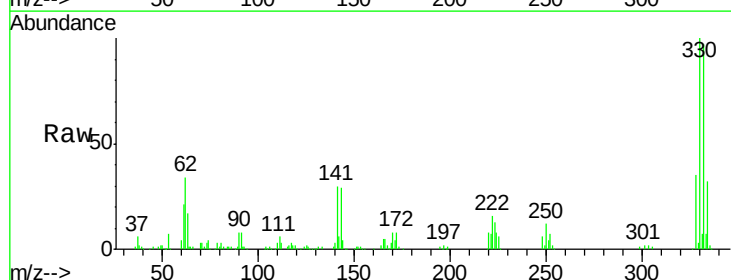
Instrument :
BNA_F
ClientSampleId :

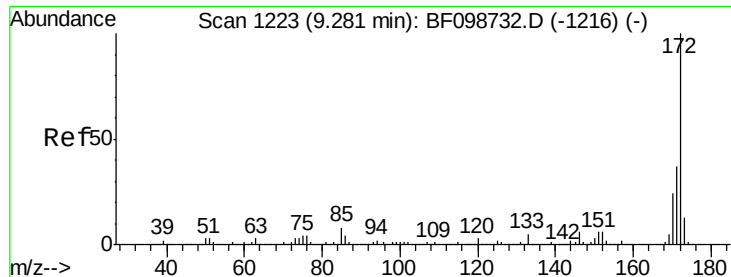
Tot Ion:164 Resp: 249629
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 114.45 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Tgt Ion:330 Resp: 233787
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 38.2 29.9 44.9

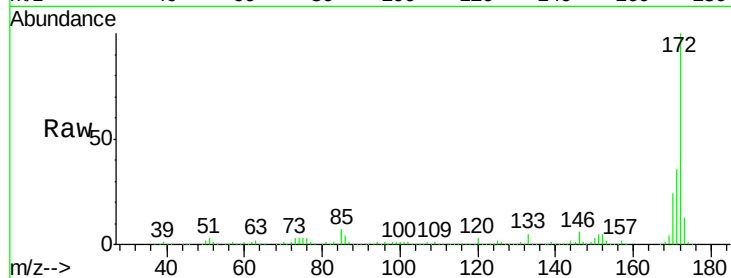




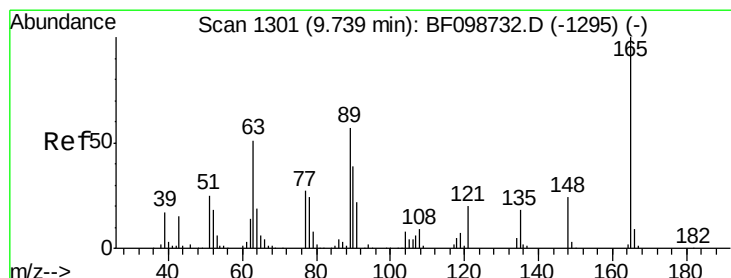
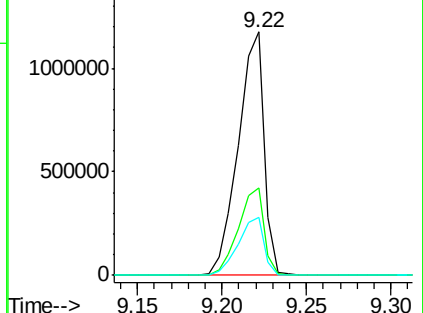
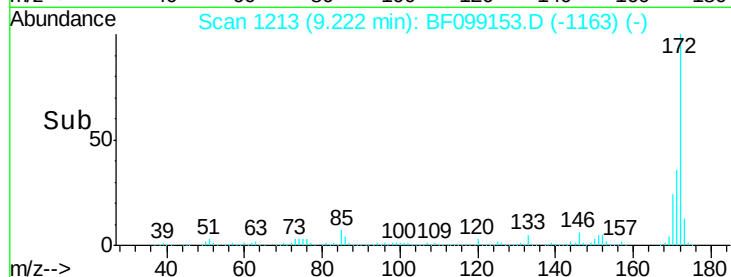
#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1261091
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 19.6 29.4

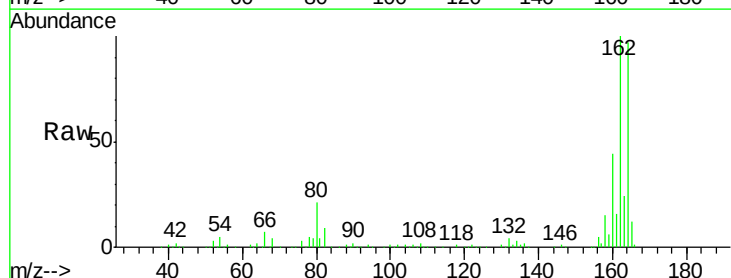


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

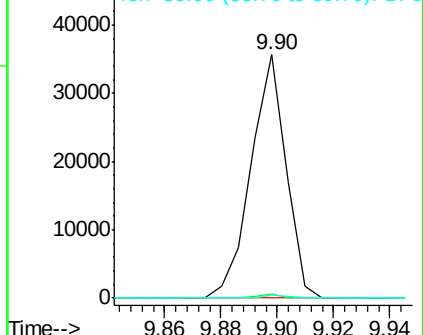
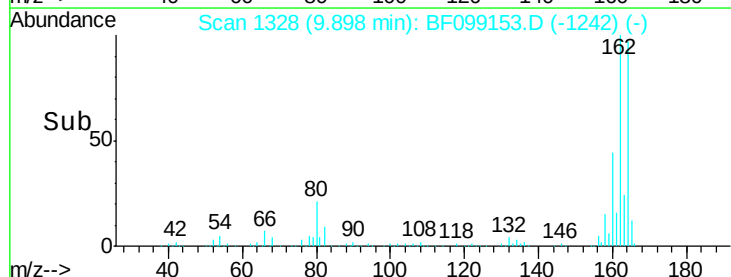


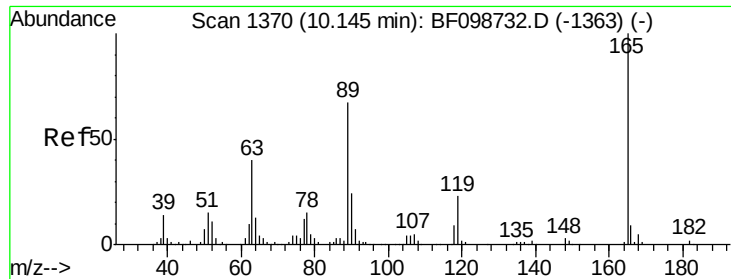
#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

Tgt Ion:165 Resp: 30634
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.5 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

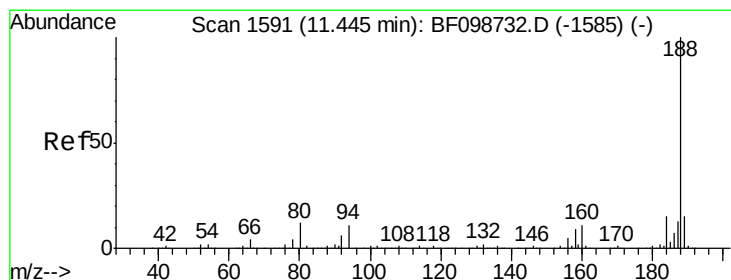
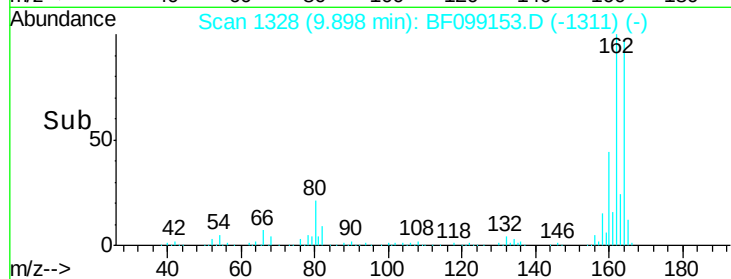
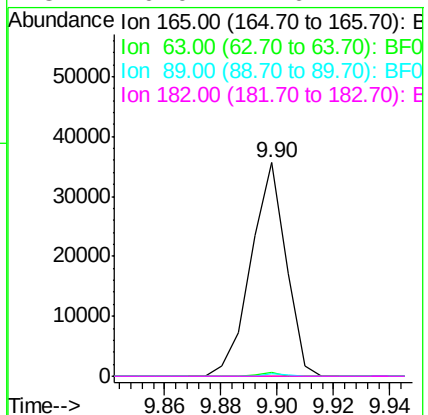
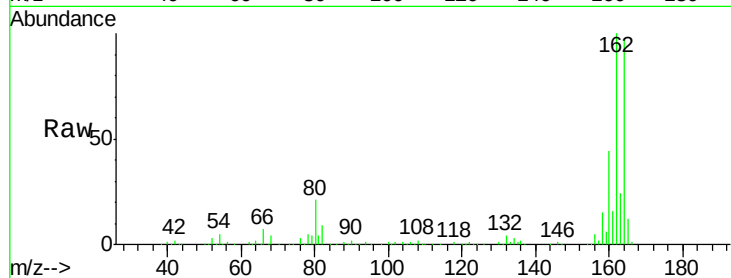




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

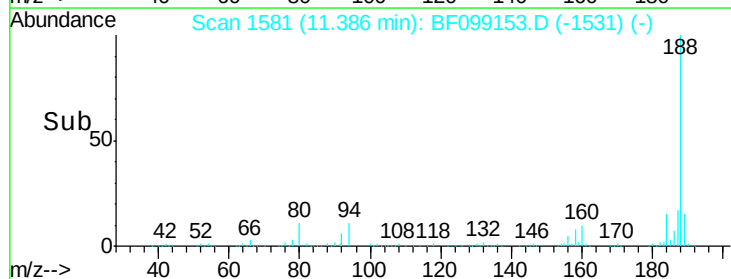
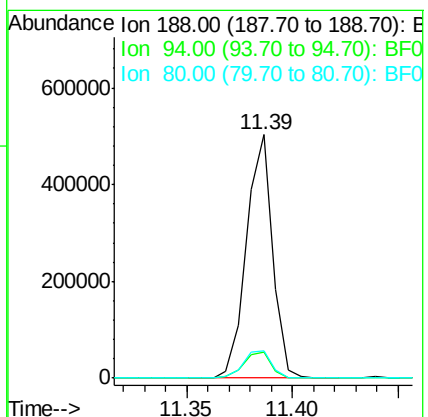
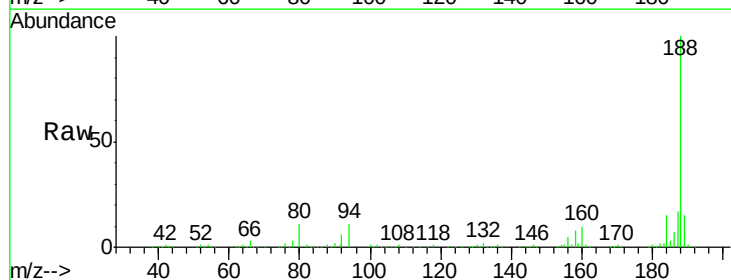
Instrument :
 BNA_F
 ClientSampleId :

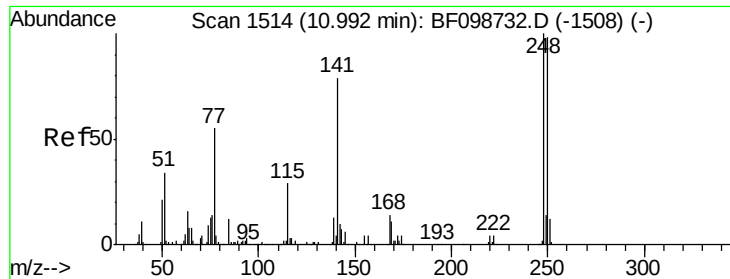
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099153.D
 Acq: 6 Oct 2017 17:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

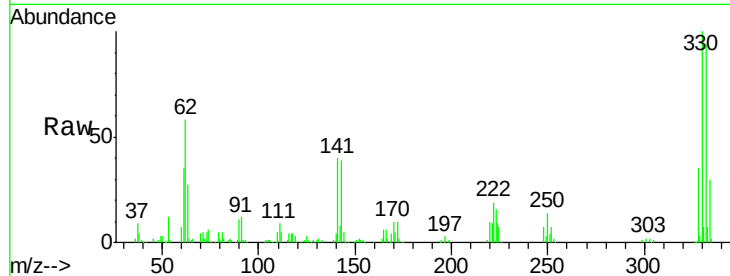




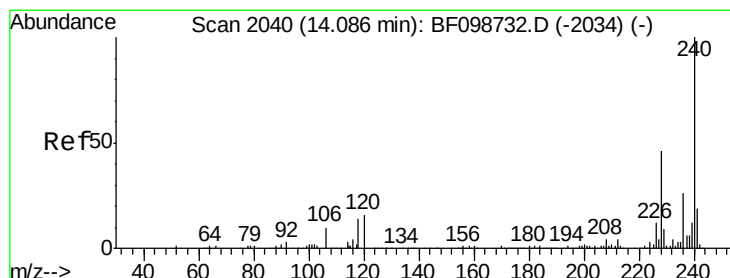
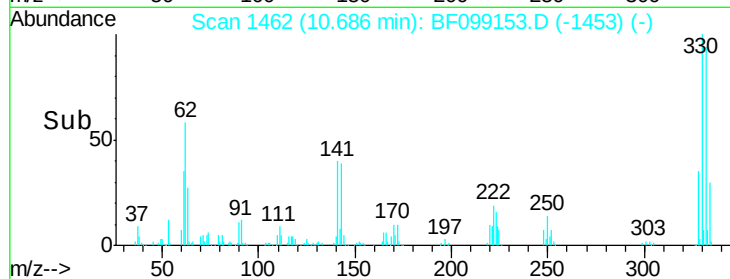
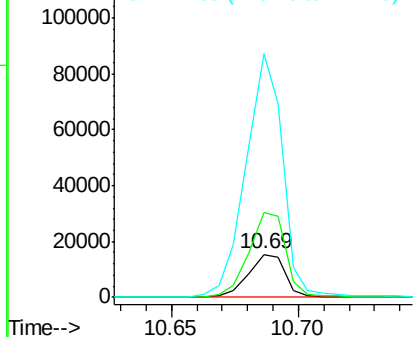
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15433
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 570.5 74.4 111.6#

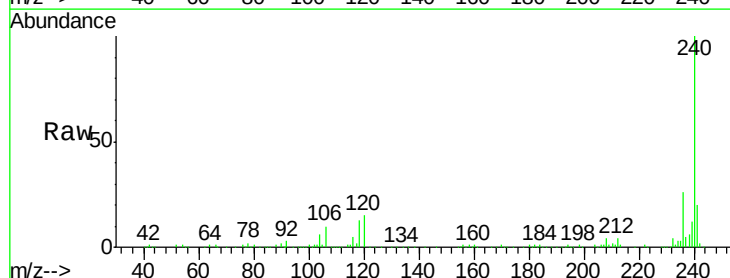


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

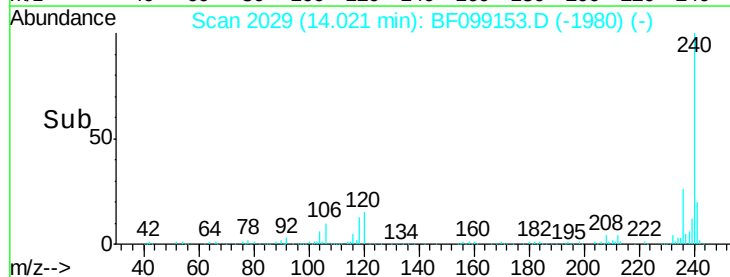
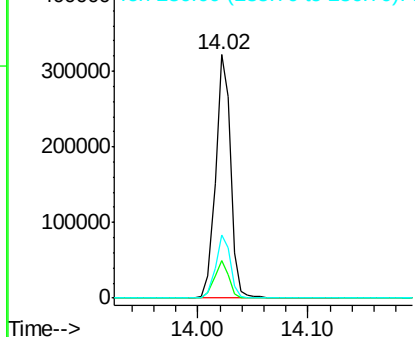


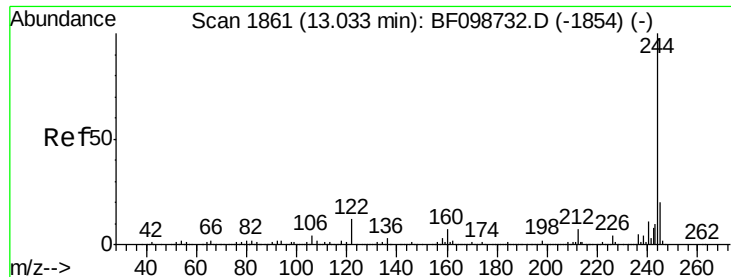
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099153.D
Acq: 6 Oct 2017 17:56

Tgt Ion:240 Resp: 301243
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 25.9 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: 81.10 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099153.D

Acq: 6 Oct 2017 17:56

Instrument :

BNA_F

ClientSampled :

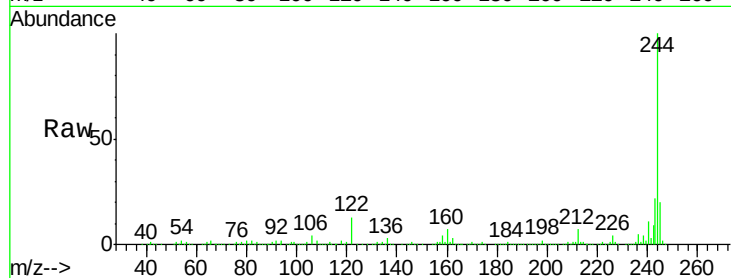
Tot Ion:244 Resp: 1074282

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

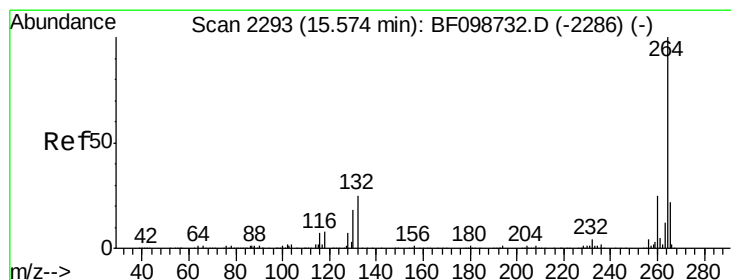
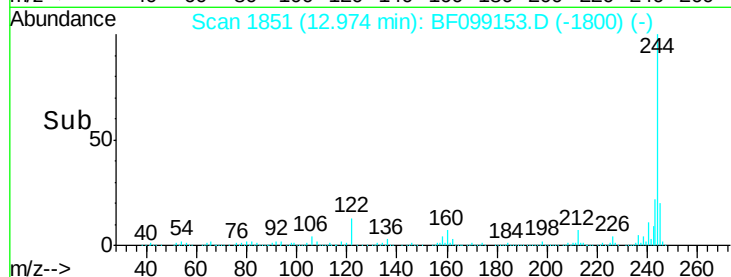
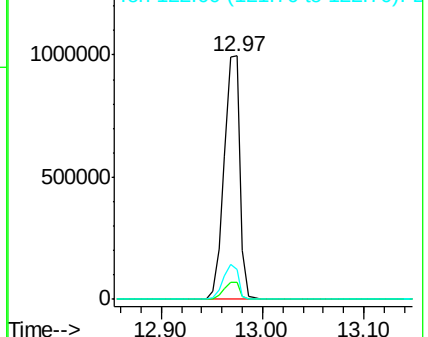
122 12.5 11.0 16.4



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# 2280

Delta R.T. -0.01 min

Lab File: BF099153.D

Acq: 6 Oct 2017 17:56

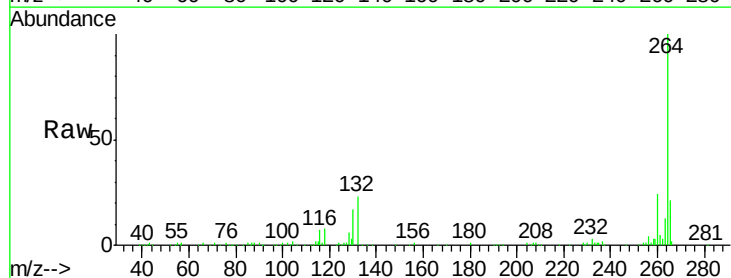
Tgt Ion:264 Resp: 228209

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 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

