

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099317.D
 Acq On : 10 Oct 2017 23:16
 Operator : SJ/JU
 Sample : I5745-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 00:54:02 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

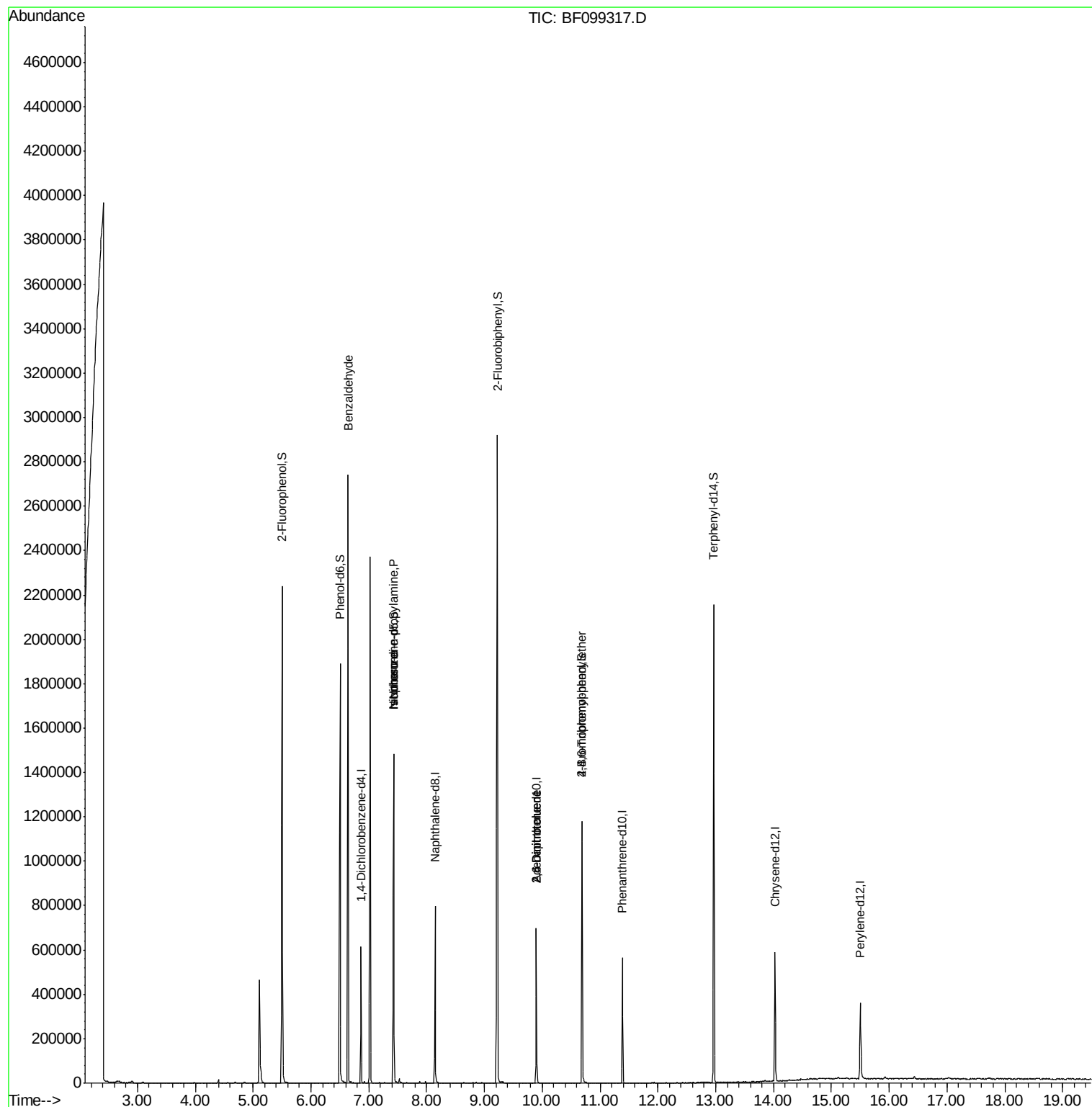
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88775	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	346834	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	133745	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	190403	20.00	ng	0.00
75) Chrysene-d12	14.03	240	180945	20.00	ng	0.00
86) Perylene-d12	15.50	264	152664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	732421	131.34	ng	0.02
7) Phenol-d6	6.50	99	781951	113.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	548769	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148375	135.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	972923	121.44	ng	0.00
78) Terphenyl-d14	12.97	244	665001	83.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	15039	3.77	ng	88
19) n-Nitroso-di-n-propylamine	7.43	70	69132	15.74	ng	# 75
25) Isophorone	7.43	82	548764	49.08	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	16443	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	16443	5.77	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	9855	5.29	ng	# 1

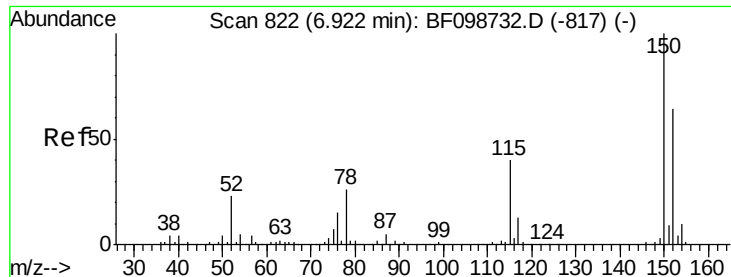
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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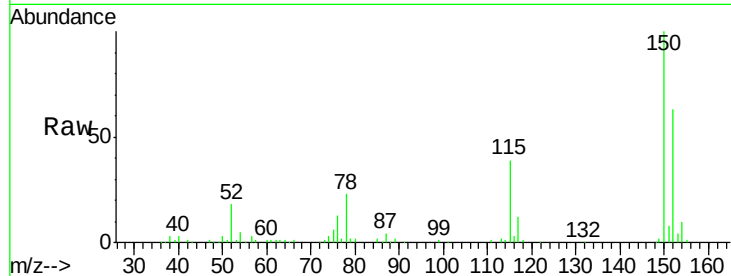


#1

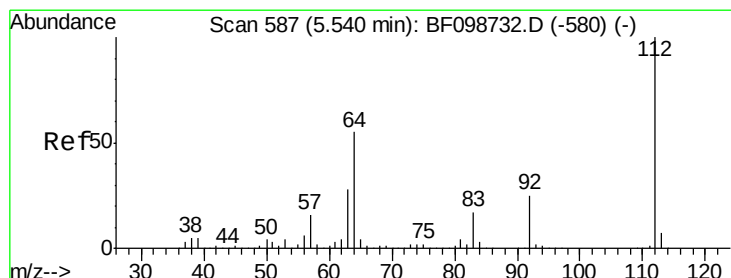
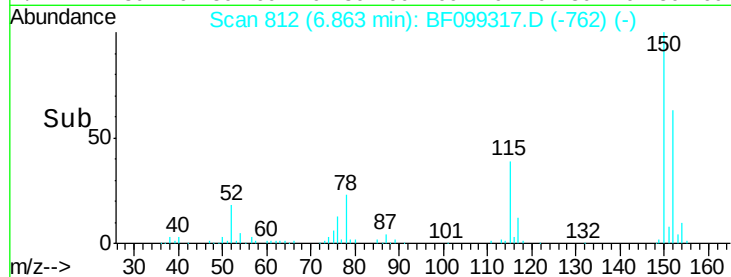
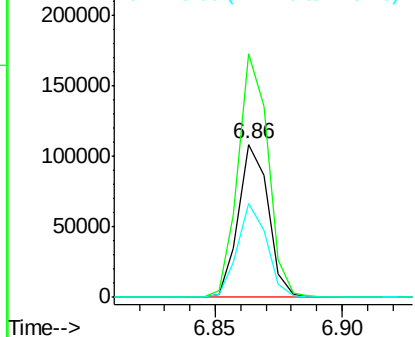
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88775
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.8 50.1 75.1



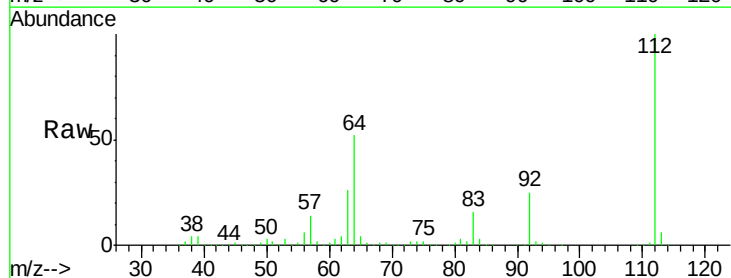
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



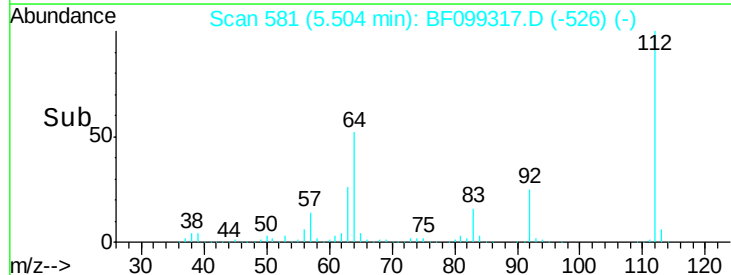
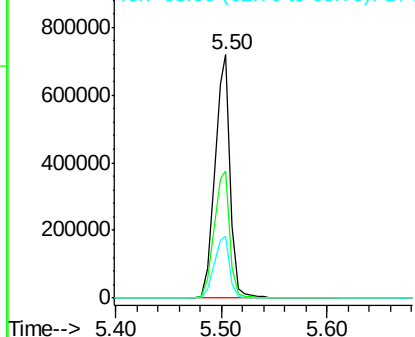
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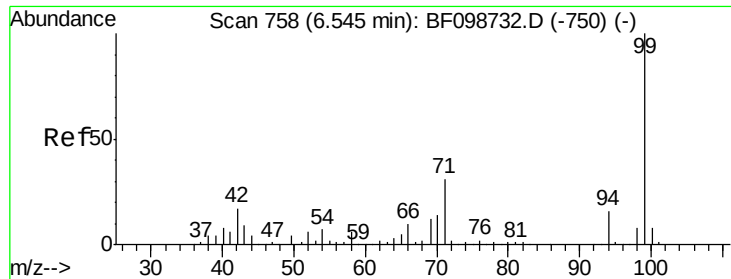
2-Fluorophenol
Concen: 131.34 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Tgt Ion:112 Resp: 732421
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.6 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: 113.66 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

Instrument :

BNA_F

ClientSampled :

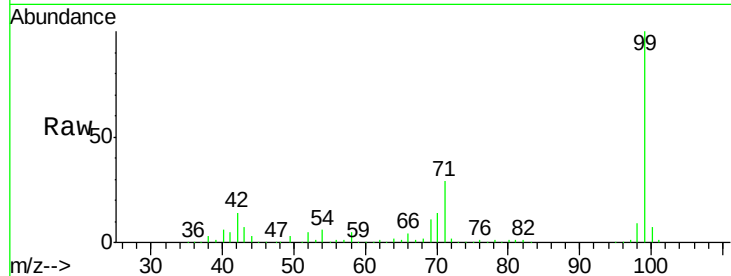
Tot Ion: 99 Resp: 781951

Ion Ratio Lower Upper

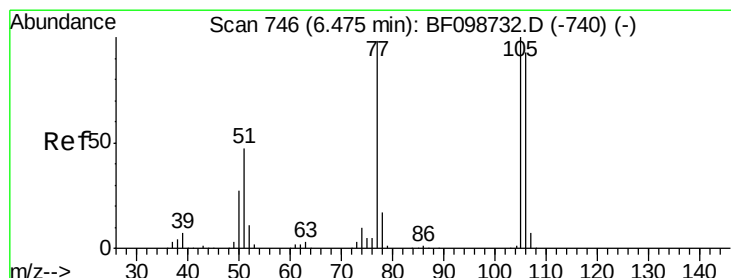
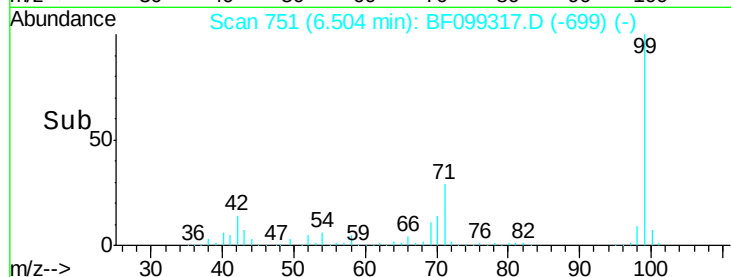
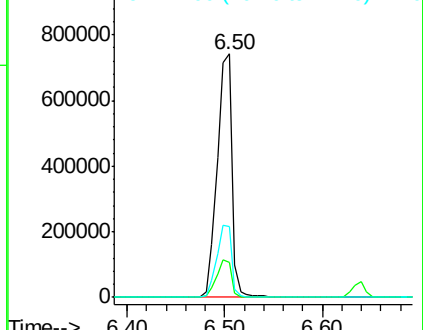
99 100

42 14.3 14.5 21.7#

71 29.3 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: 3.77 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

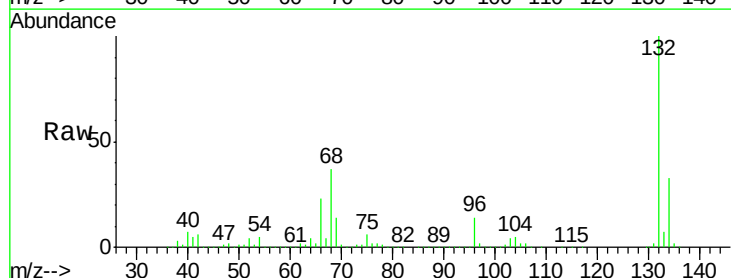
Tgt Ion: 77 Resp: 15039

Ion Ratio Lower Upper

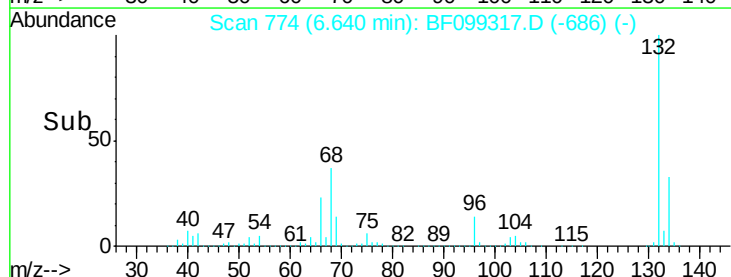
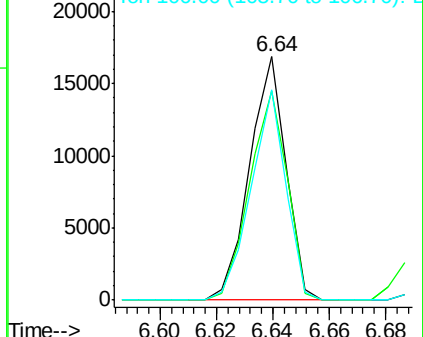
77 100

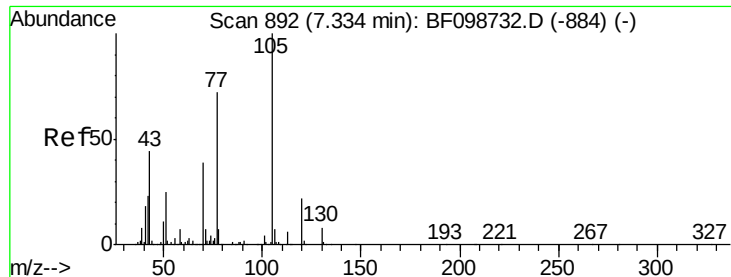
105 85.7 81.1 121.1

106 86.1 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

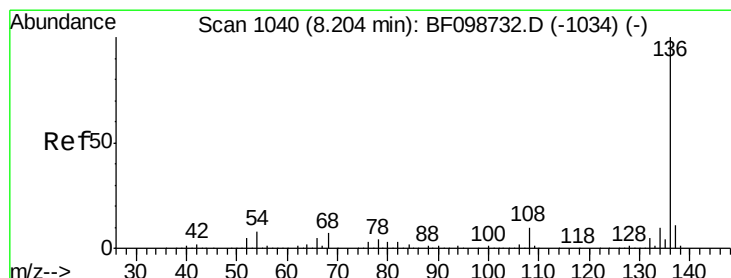
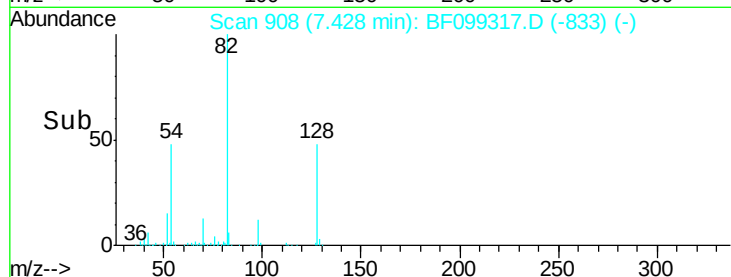
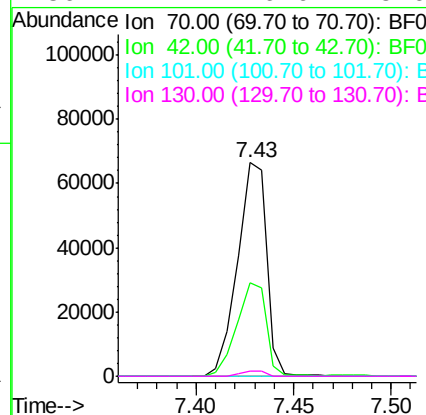
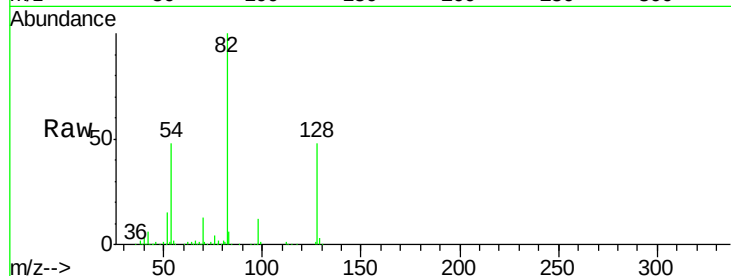




#19
n-Nitroso-di-n-propylamine
Concen: 15.74 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

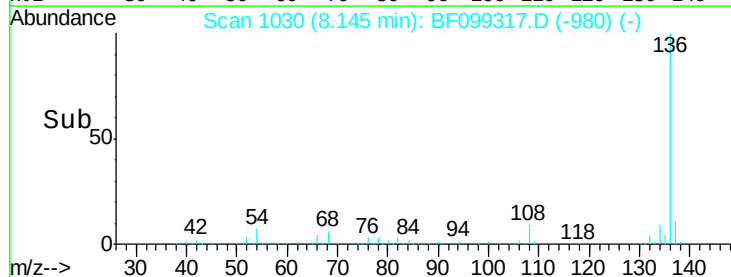
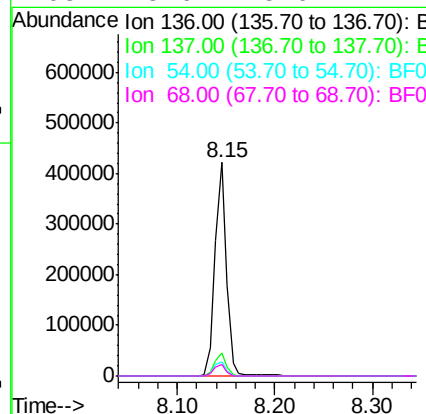
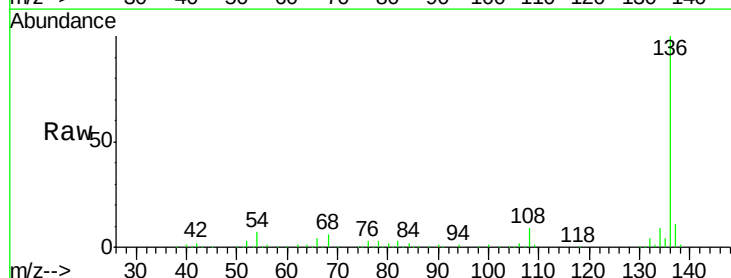
Instrument :
BNA_F
ClientSampled :

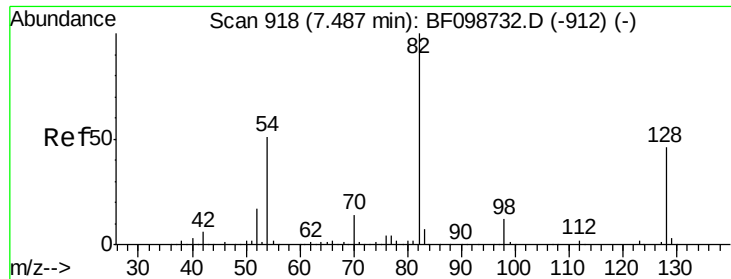
Tot Ion: 70 Resp: 69132
Ion Ratio Lower Upper
70 100
42 44.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Tgt Ion: 136 Resp: 346834
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.6 9.8
68 5.6 5.0 7.4

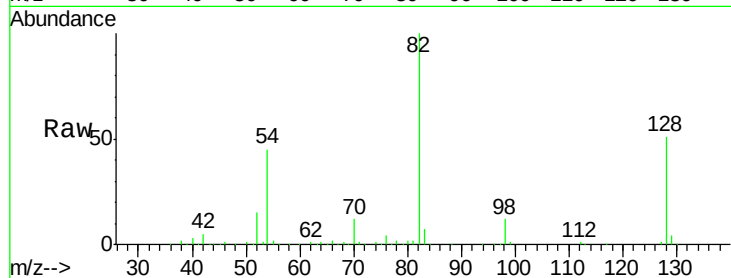




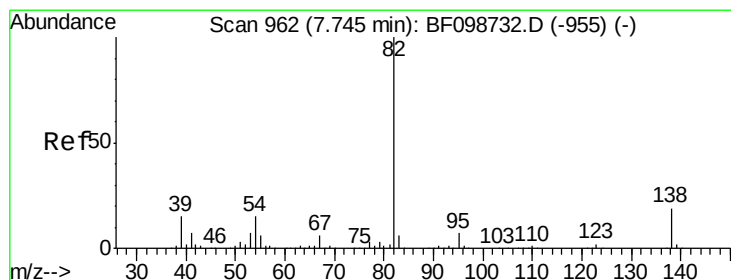
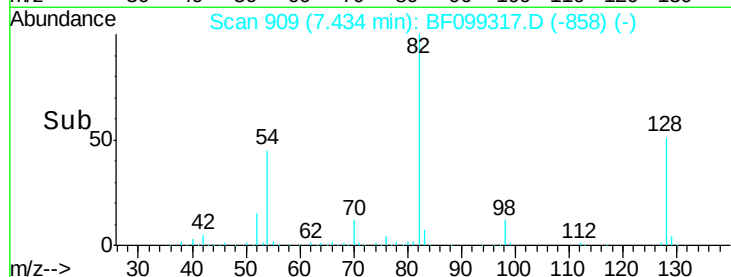
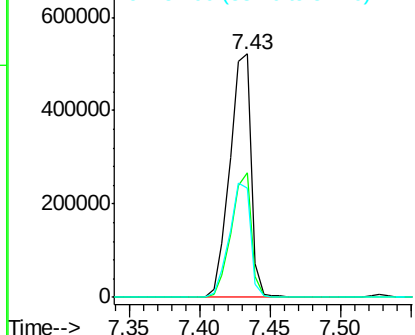
#23
 Nitrobenzene-d5
 Concen: 101.47 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 548769
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.1 54.1
 54 45.0 41.4 62.2

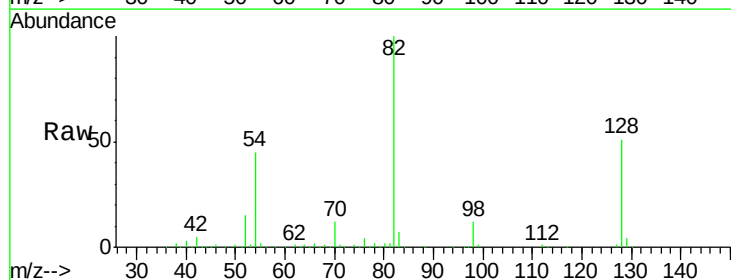


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

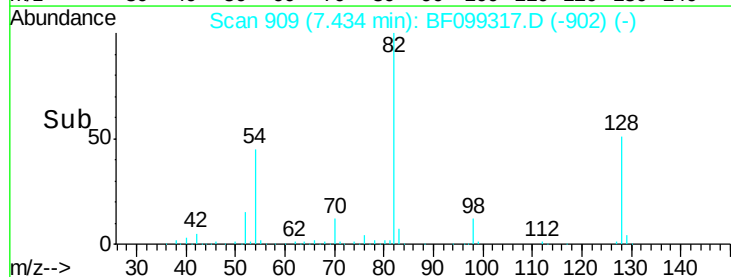
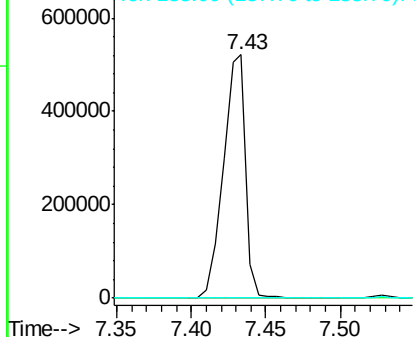


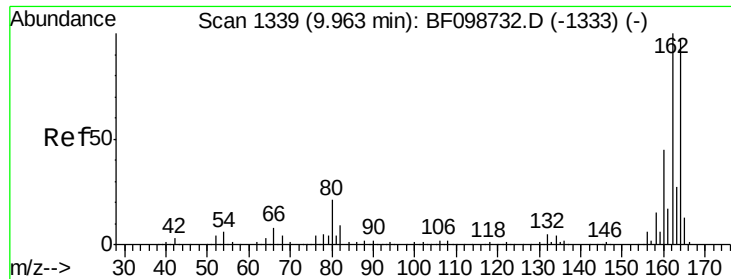
#25
 Isophorone
 Concen: 49.08 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion: 82 Resp: 548764
 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

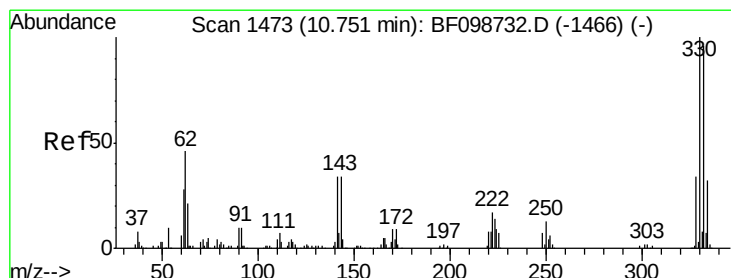
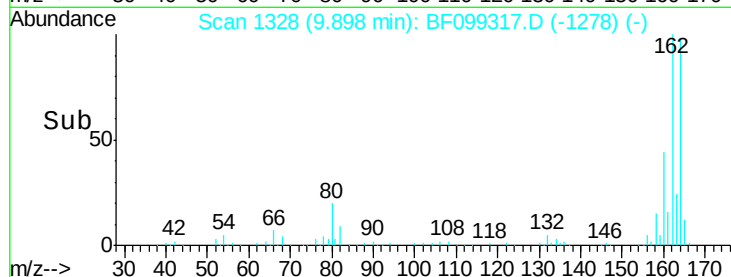
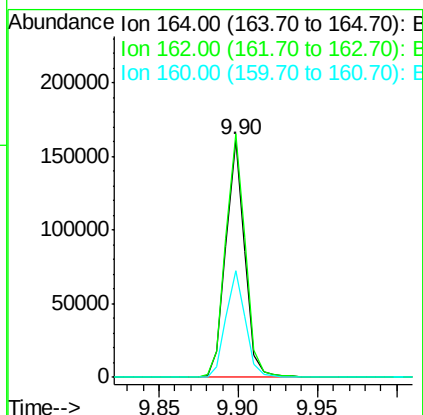
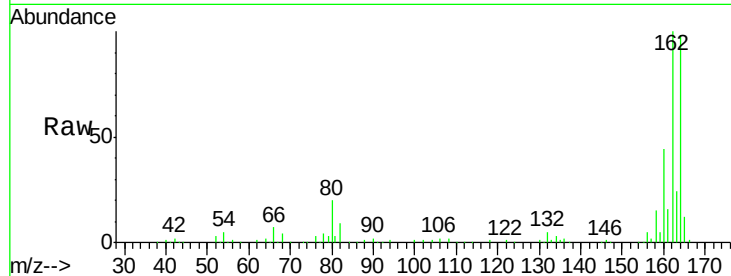




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

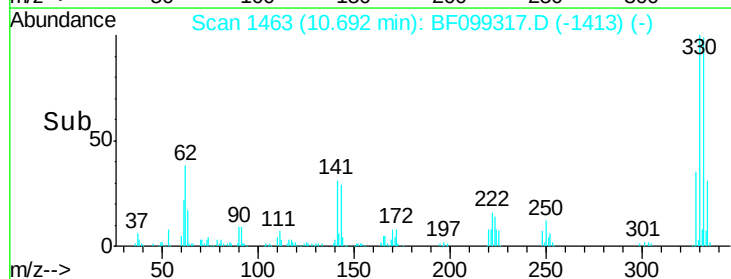
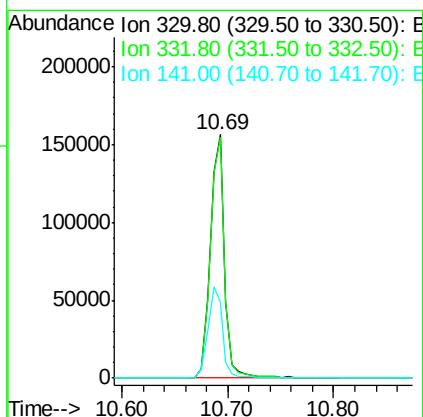
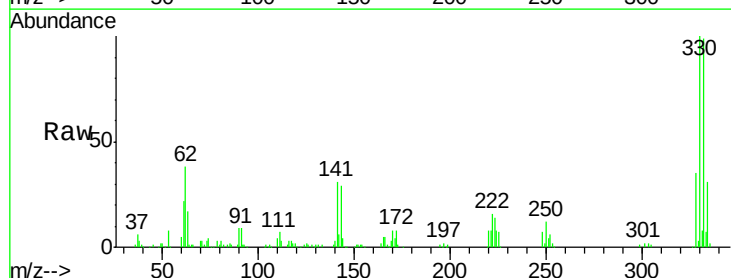
Instrument :
BNA_F
ClientSampleId :

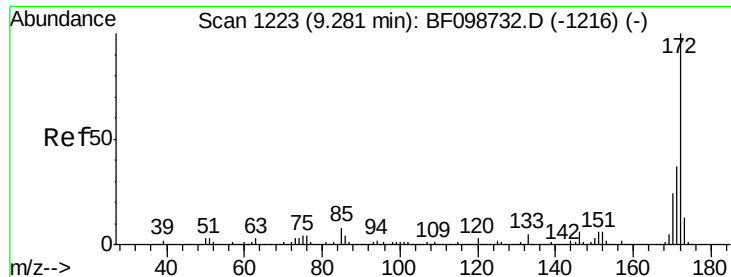
Tot Ion:164 Resp: 133745
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 44.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 135.58 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Tgt Ion:330 Resp: 148375
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.6
141 38.4 29.9 44.9

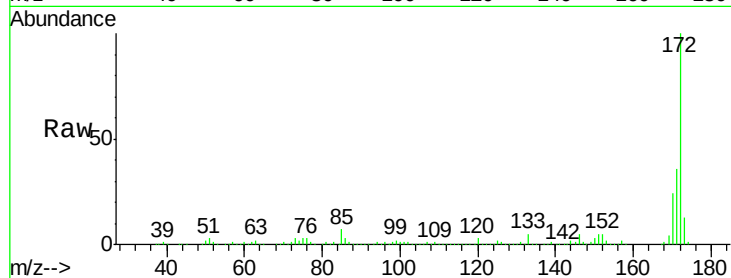




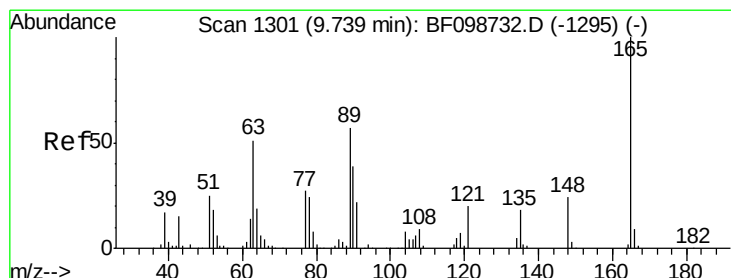
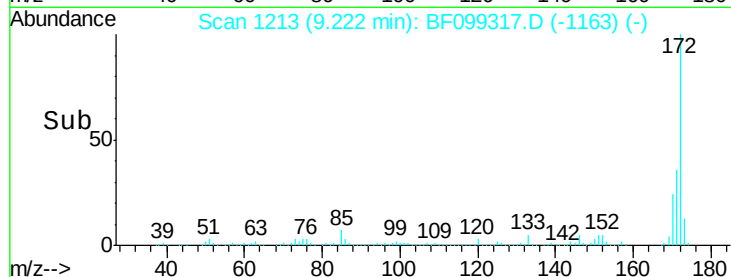
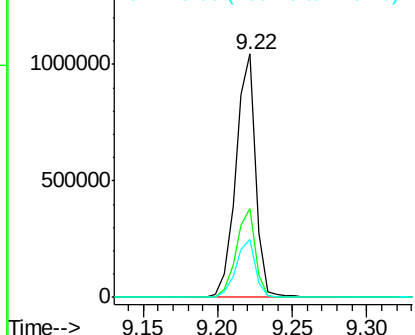
#44
 2-Fluorobiphenyl
 Concen: 121.44 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 972923
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 19.6 29.4

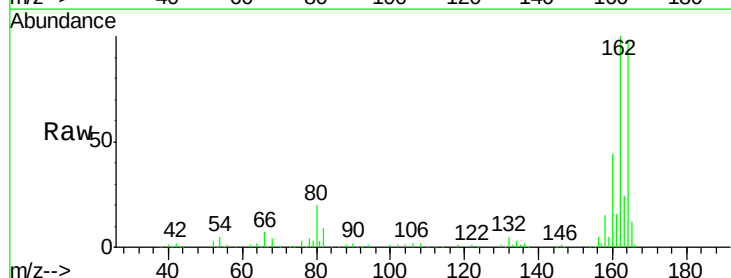


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

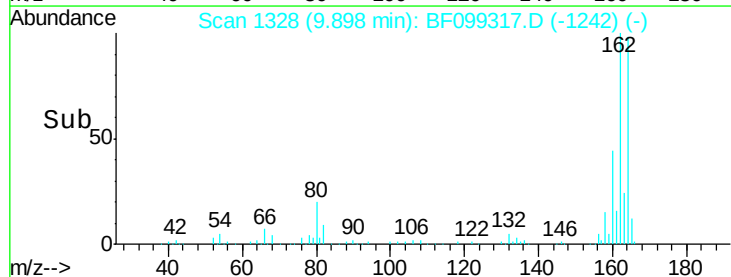
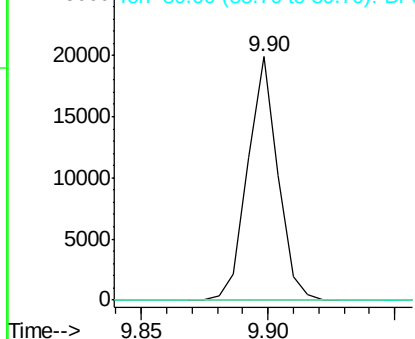


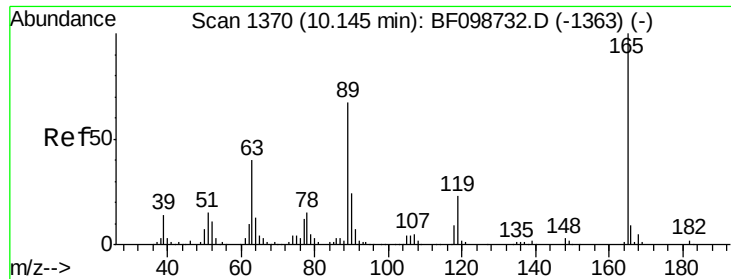
#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion:165 Resp: 16443
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

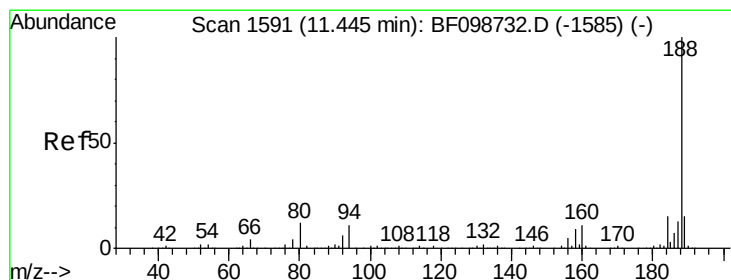
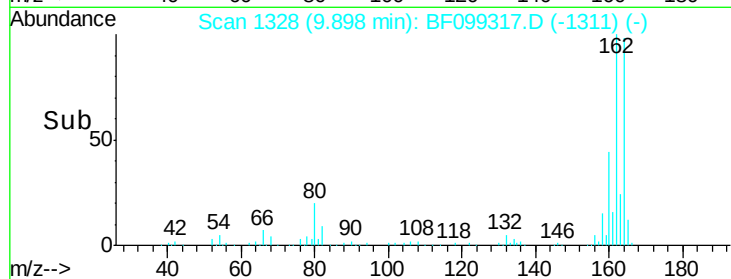
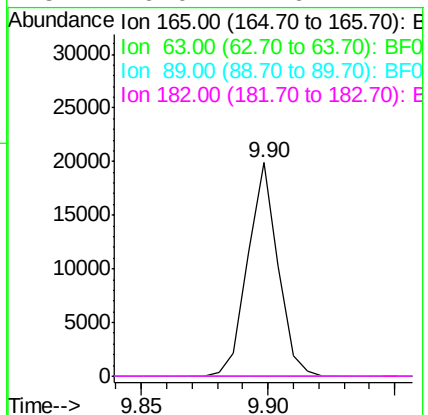
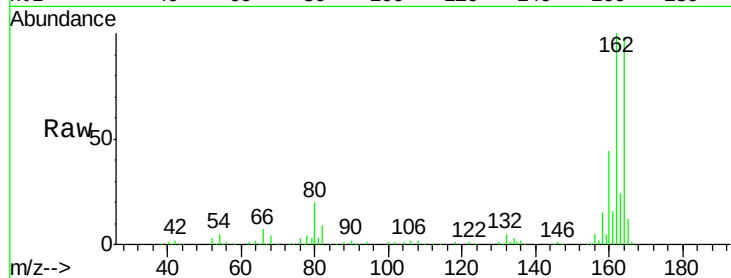




#56
 2,4-Dinitrotoluene
 Concen: 5.77 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

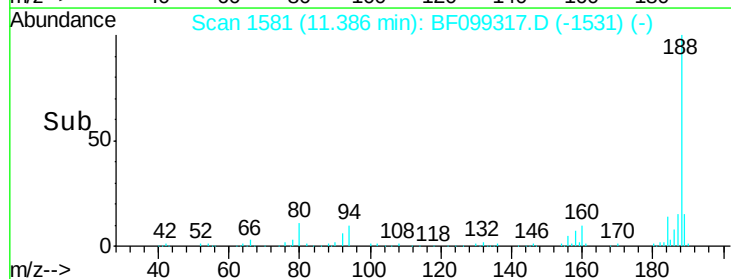
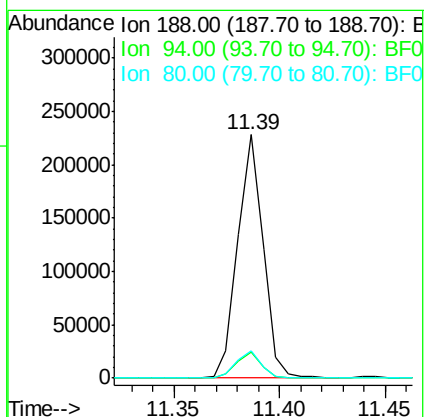
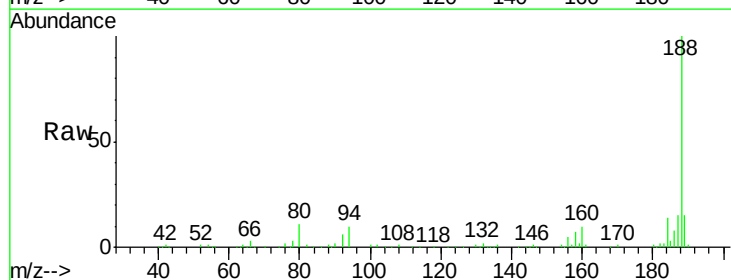
Instrument :
 BNA_F
 ClientSampleId :

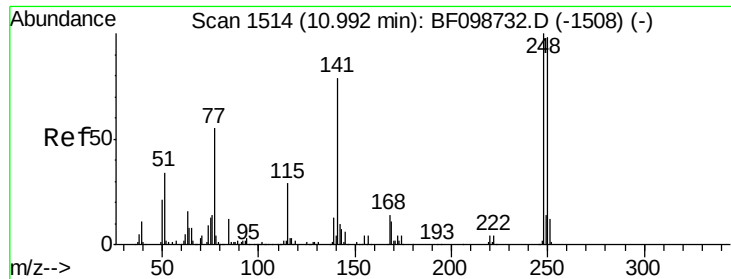
Tot Ion:165	Resp:	16443
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion:188	Resp:	190403
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.4	9.2 13.8

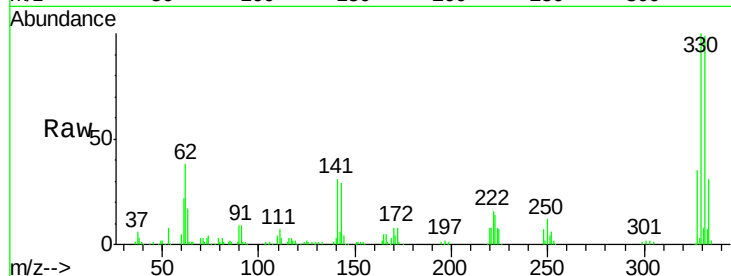




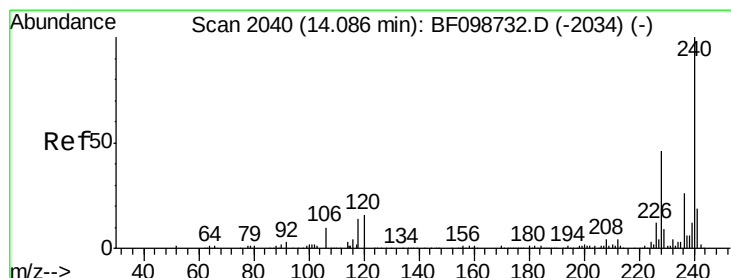
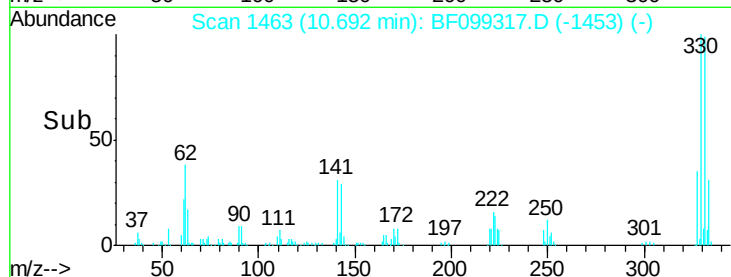
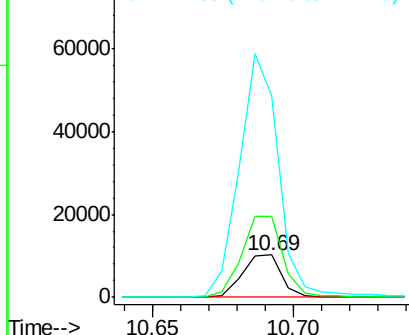
#66
4-Bromophenyl-phenylether
Concen: 5.29 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.9	115.3#
141	476.6	74.4	111.6#

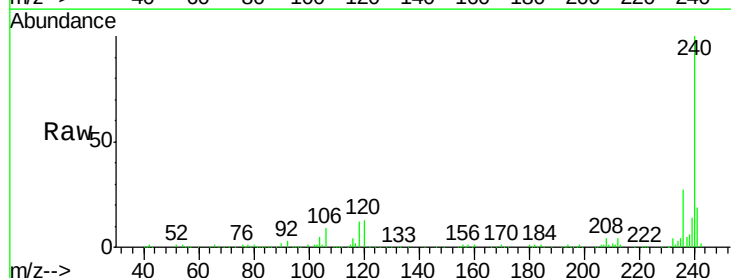


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

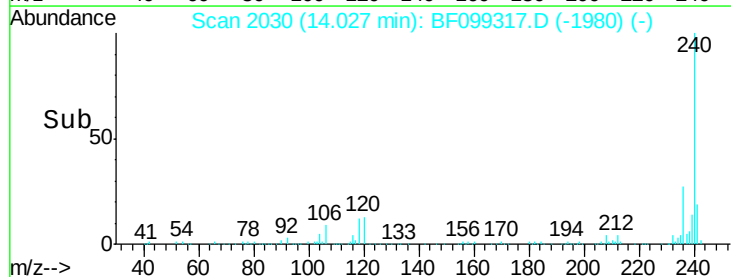
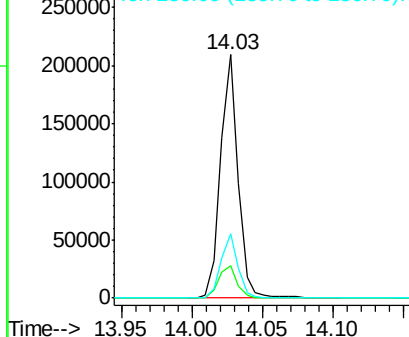


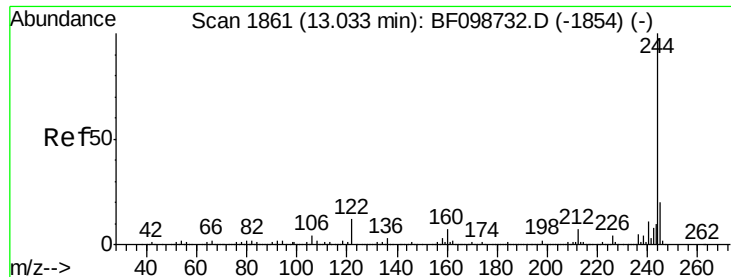
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.7	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: 83.58 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

Instrument :

BNA_F

ClientSampled :

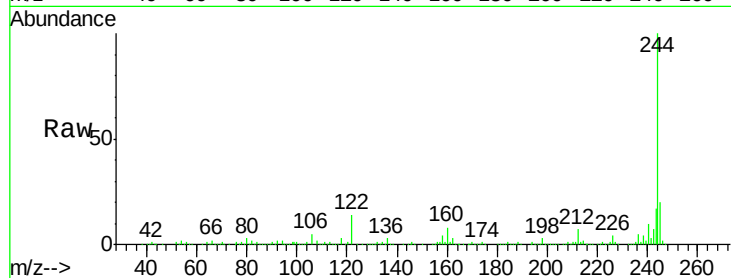
Tot Ion:244 Resp: 665001

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

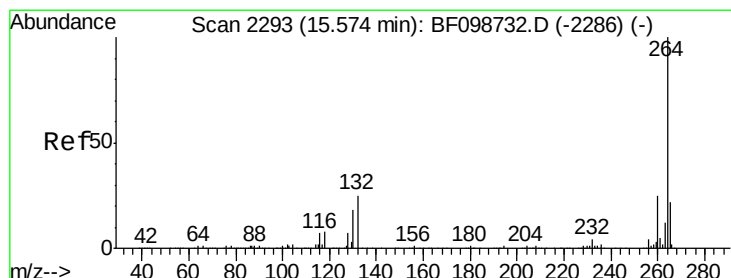
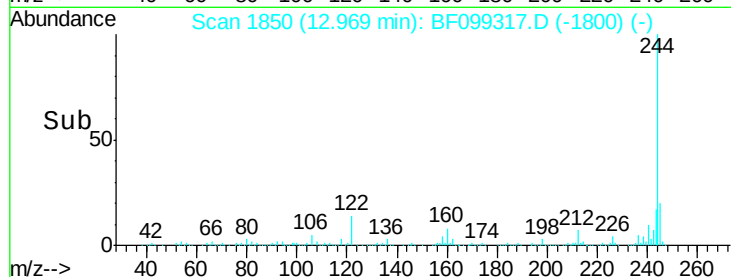
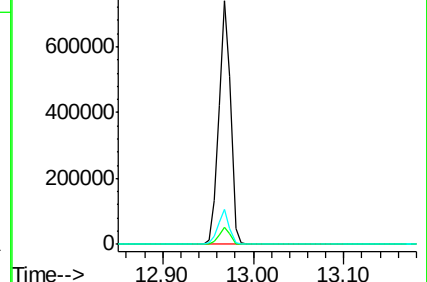
122 14.1 11.0 16.4



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: BF099317.D

Acq: 10 Oct 2017 23:16

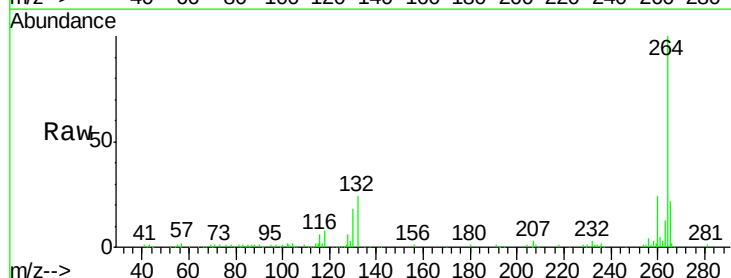
Tgt Ion:264 Resp: 152664

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

