

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099295.D
 Acq On : 10 Oct 2017 12:25
 Operator : SJ/JU
 Sample : I5651-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:05:40 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

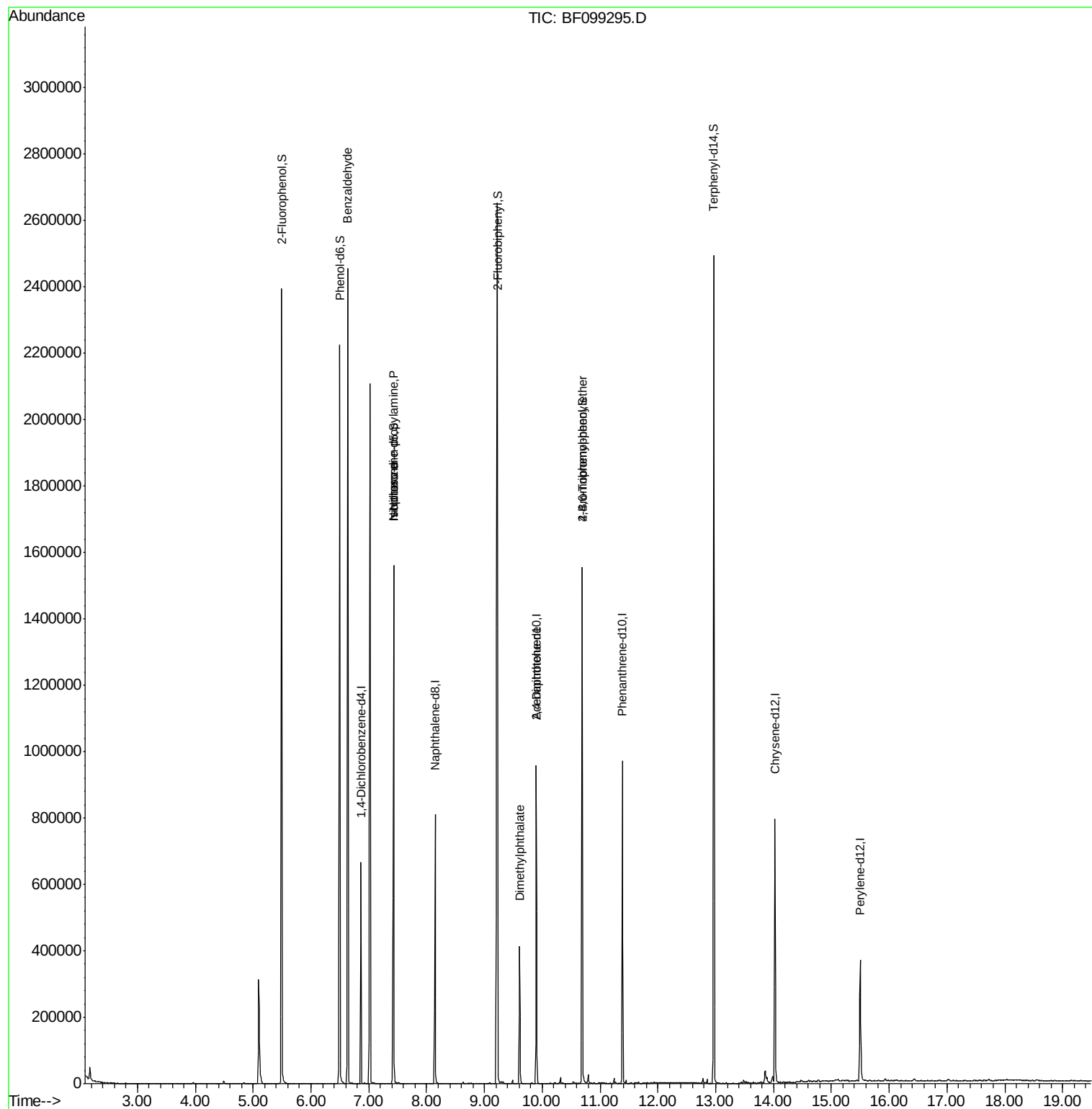
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	94898	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	389750	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175879	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	323758	20.00	ng	0.00
75) Chrysene-d12	14.03	240	251193	20.00	ng	0.00
86) Perylene-d12	15.50	264	174576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	769419	129.07	ng	0.01
7) Phenol-d6	6.50	99	924920	125.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	548250	90.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	194938	135.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	978827	92.91	ng	0.00
78) Terphenyl-d14	12.97	244	851444	77.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15190	3.561	ng	84
19) n-Nitroso-di-n-propylamine	7.43	70	70072	14.924	ng	# 75
25) Isophorone	7.43	82	548320	43.638	ng	# 64
49) Dimethylphthalate	9.61	163	163630	12.327	ng	100
56) 2,4-Dinitrotoluene	9.90	165	22438	5.983	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	12538	3.956	ng	# 1

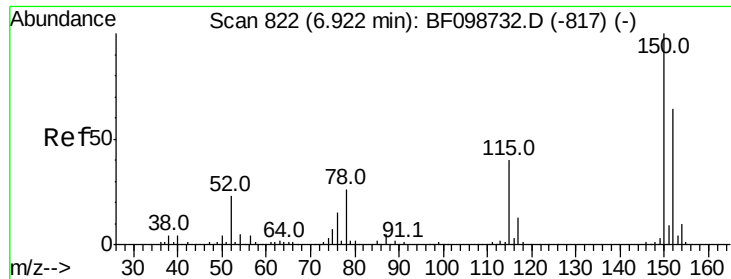
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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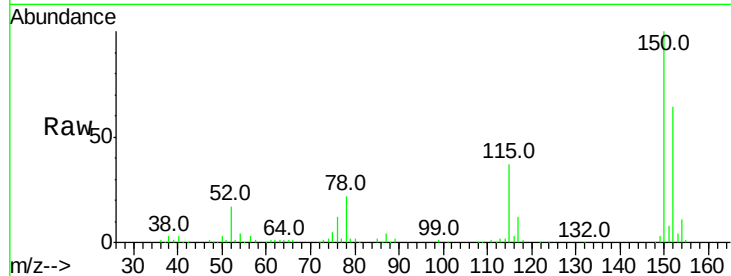


#1

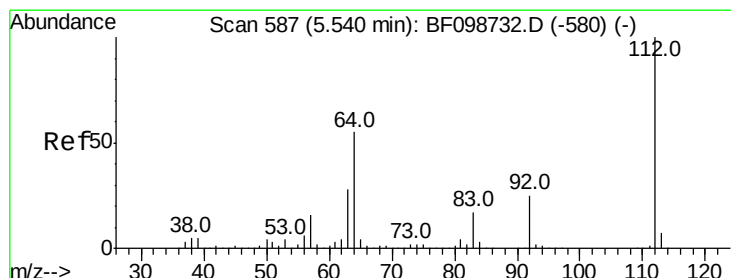
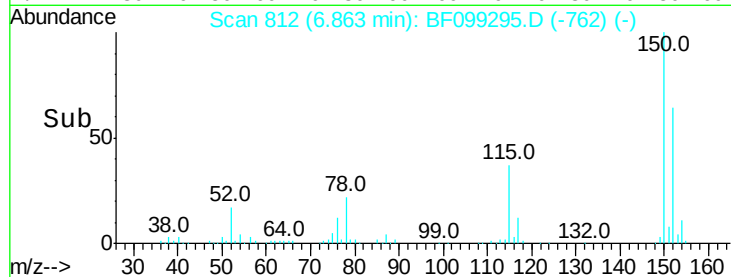
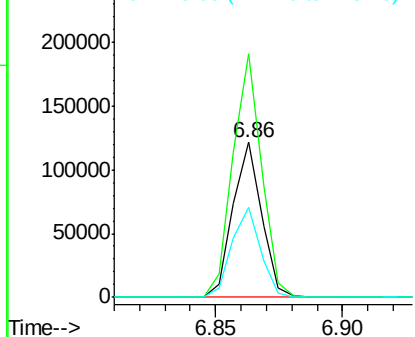
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94898
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.9 50.1 75.1



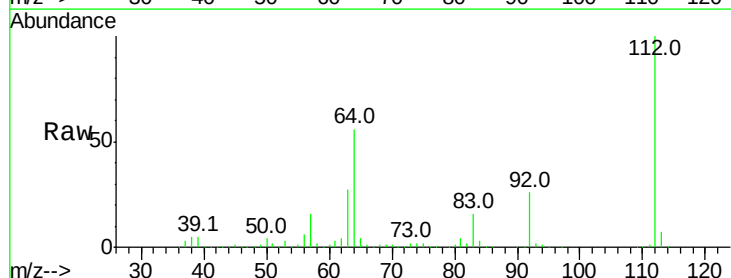
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



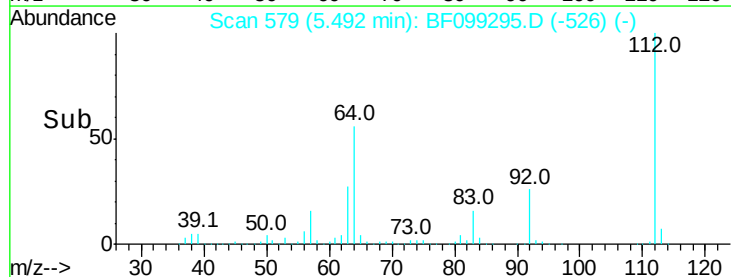
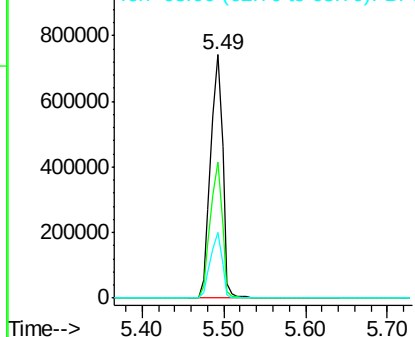
#5

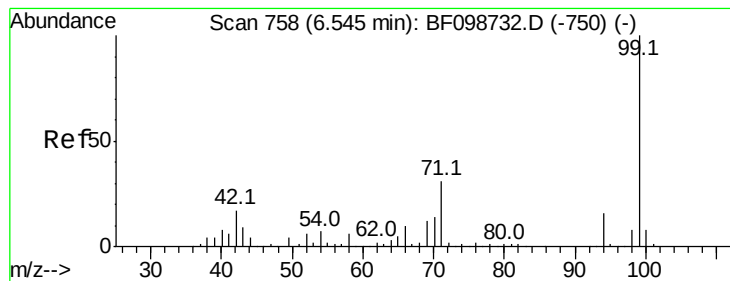
2-Fluorophenol
Concen: 129.069 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

Tgt Ion:112 Resp: 769419
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.1 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: 125.772 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099295.D

Acq: 10 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

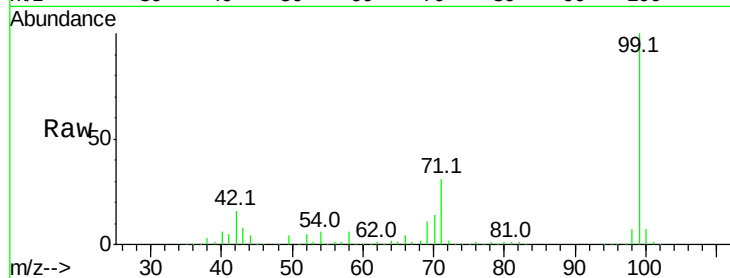
Tot Ion: 99 Resp: 924920

Ion Ratio Lower Upper

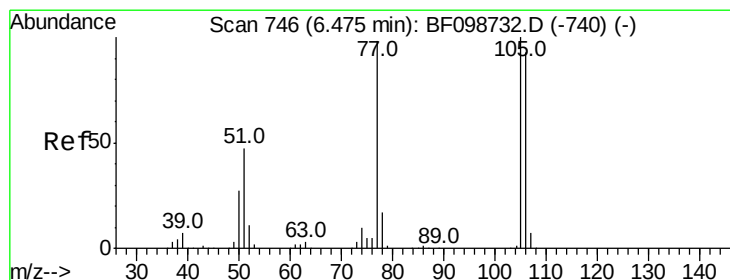
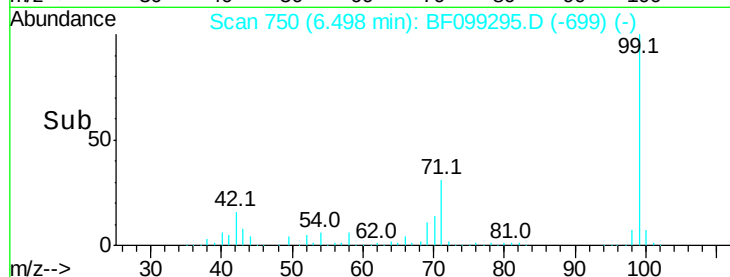
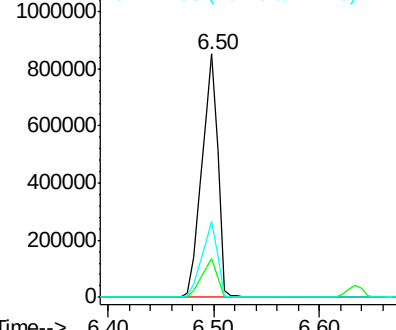
99 100

42 15.8 14.5 21.7

71 31.4 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: 3.561 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099295.D

Acq: 10 Oct 2017 12:25

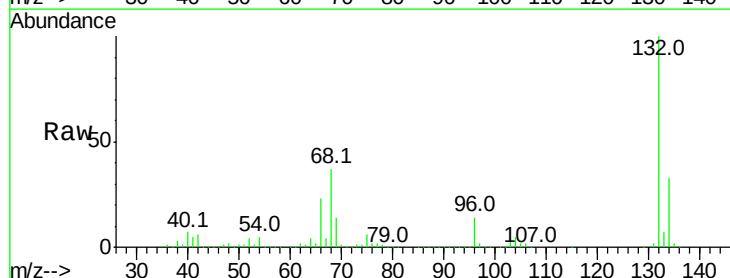
Tgt Ion: 77 Resp: 15190

Ion Ratio Lower Upper

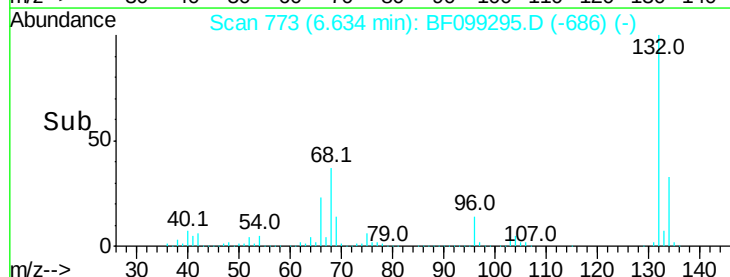
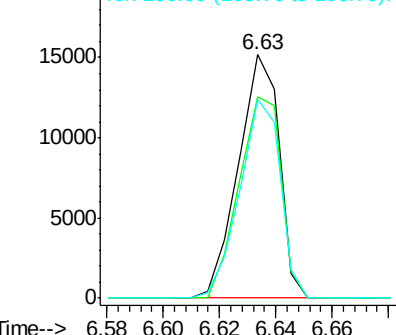
77 100

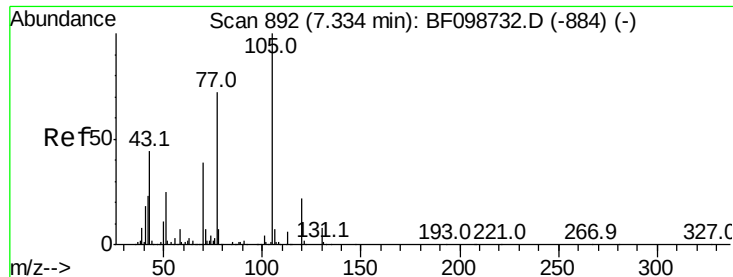
105 82.8 81.1 121.1

106 81.5 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

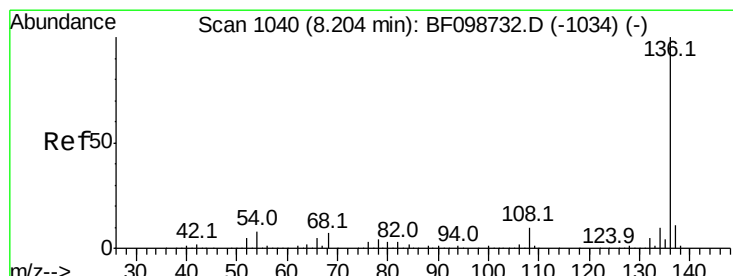
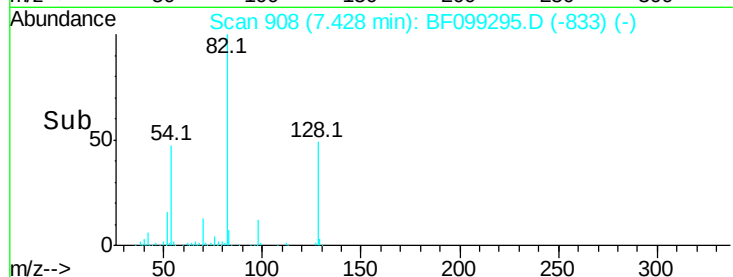
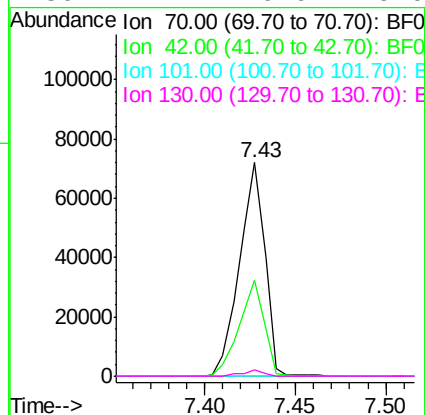
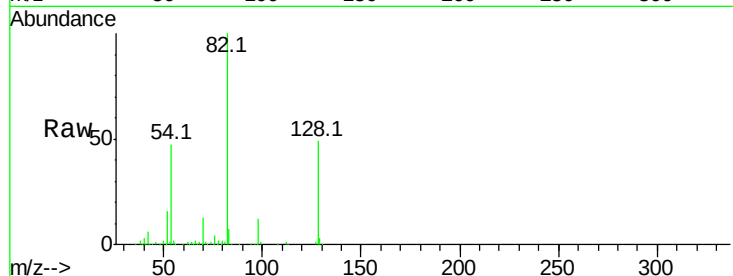




#19
n-Nitroso-di-n-propylamine
Concen: 14.924 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

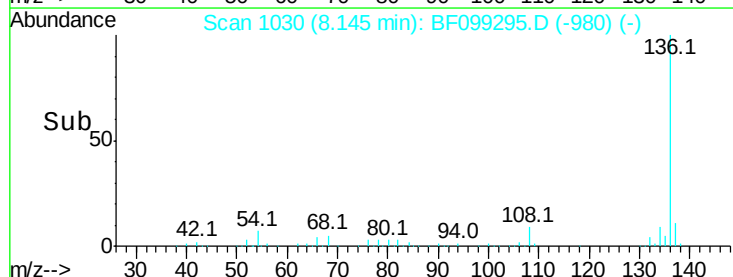
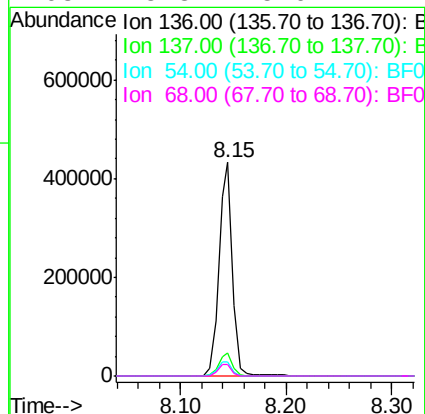
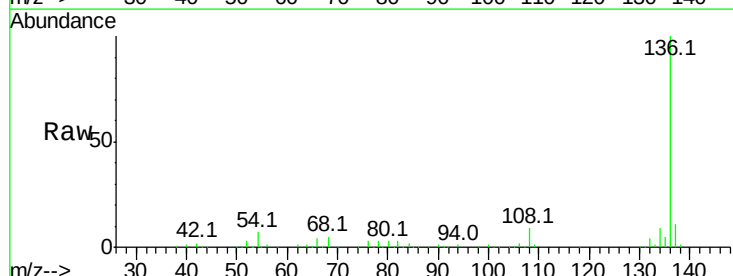
Instrument :
BNA_F
ClientSampleId :

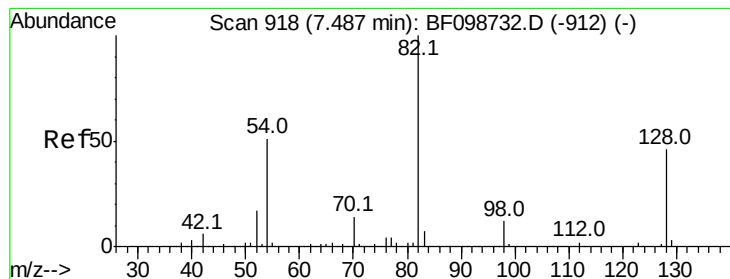
Tot Ion: 70 Resp: 70072
Ion Ratio Lower Upper
70 100
42 44.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

Tgt Ion:136 Resp: 389750
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.210 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099295.D

Acq: 10 Oct 2017 12:25

Instrument :

BNA_F

ClientSampled :

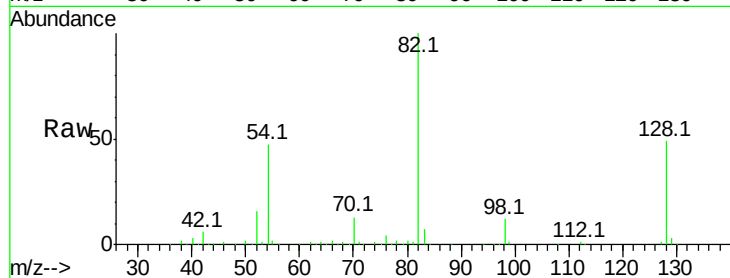
Tot Ion: 82 Resp: 548250

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

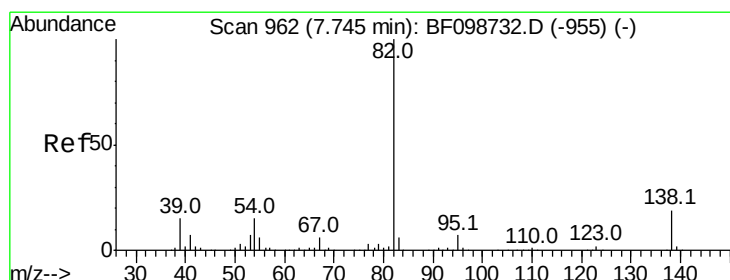
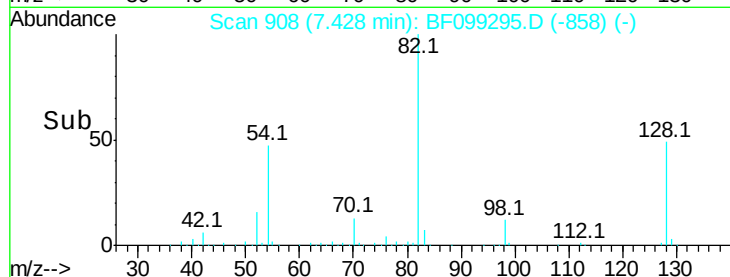
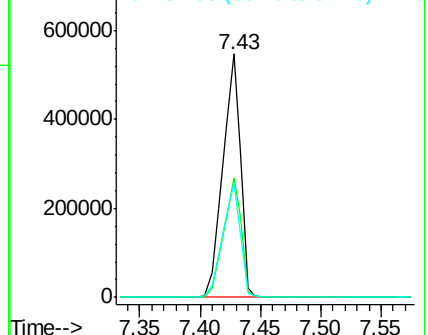
54 46.9 41.4 62.2



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: 43.638 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099295.D

Acq: 10 Oct 2017 12:25

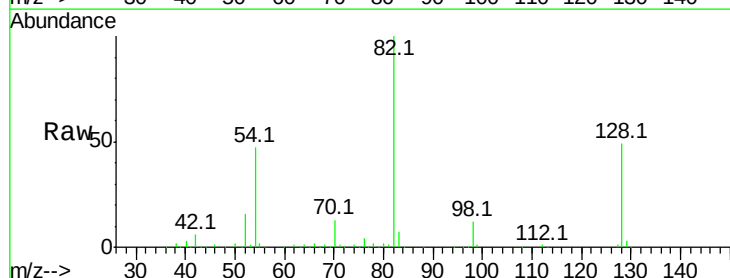
Tgt Ion: 82 Resp: 548320

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

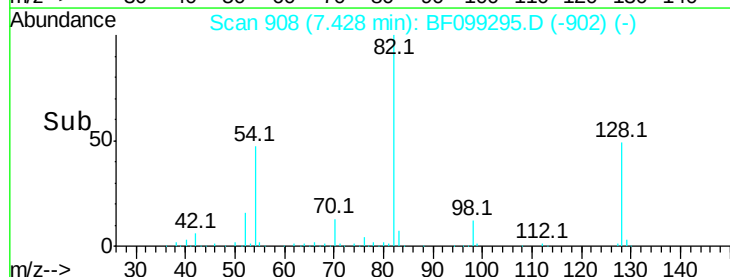
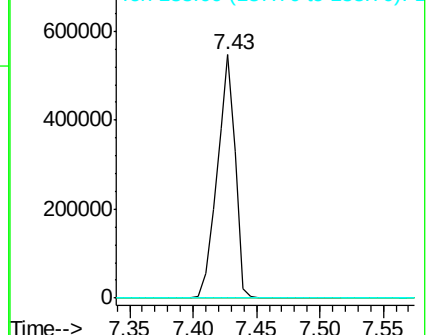
138 0.0 14.9 22.3#

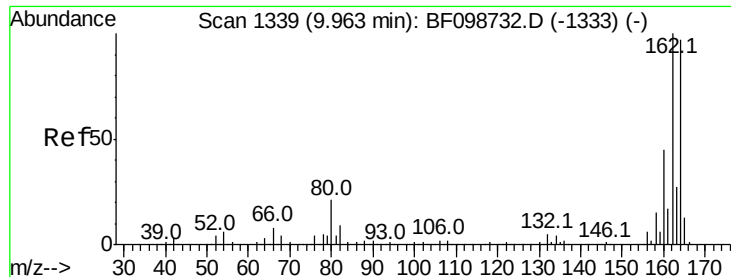


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

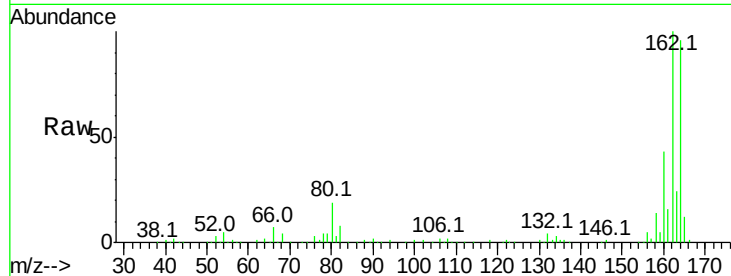




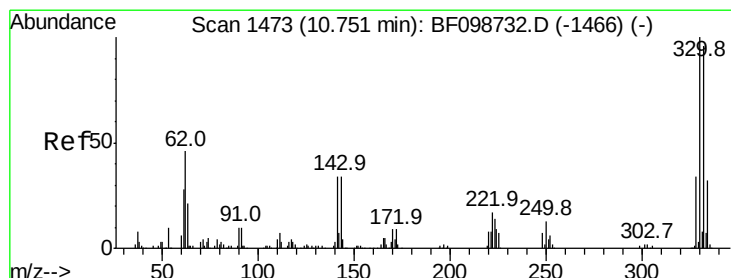
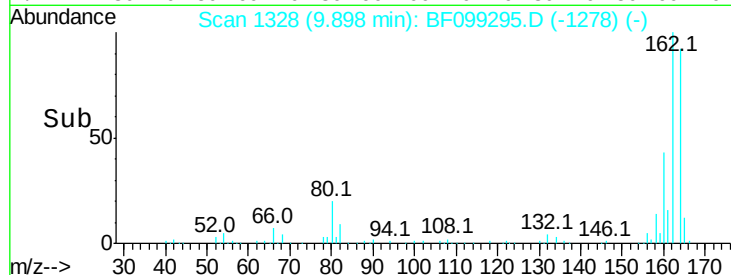
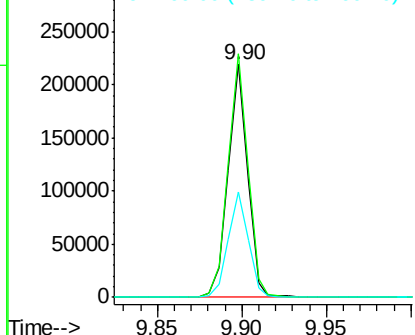
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 175879
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.2 38.3 57.5

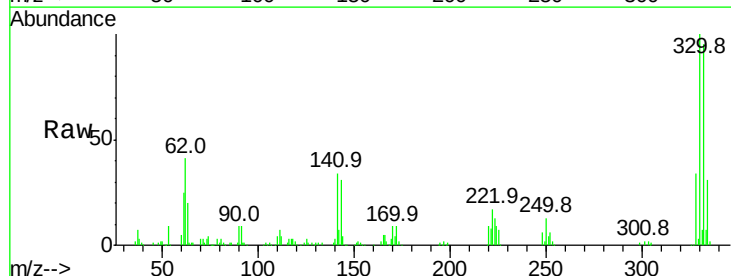


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

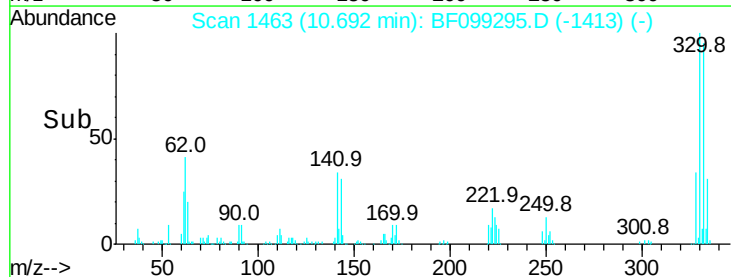
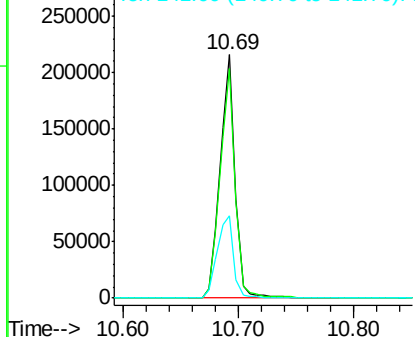


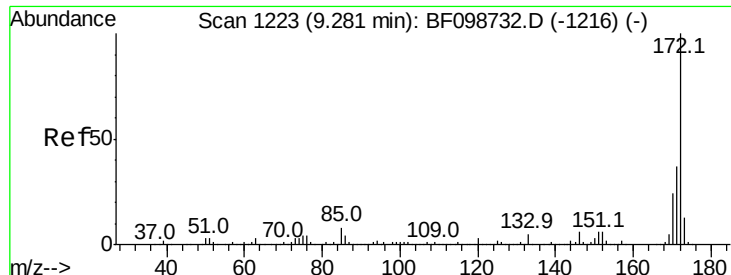
#41
 2,4,6-Tribromophenol
 Concen: 135.452 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Tgt Ion:330 Resp: 194938
 Ion Ratio Lower Upper
 330 100
 332 95.5 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

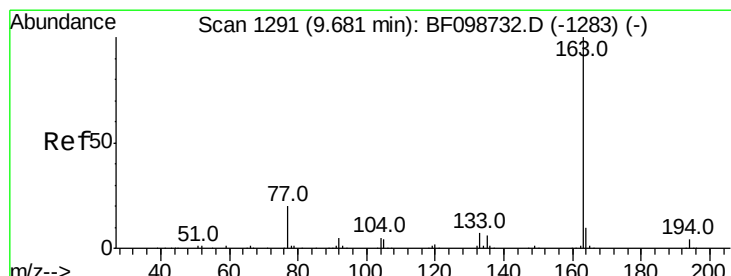
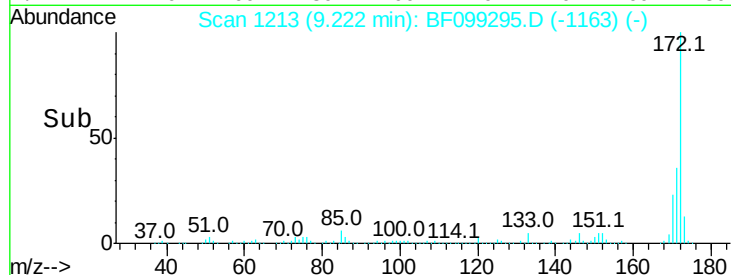
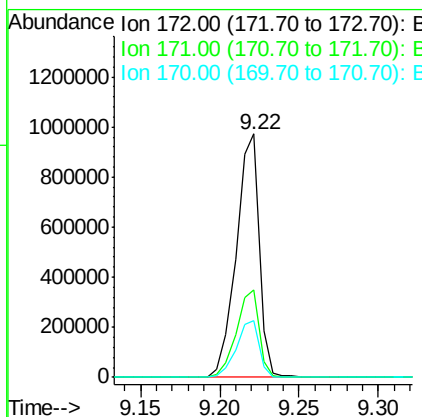
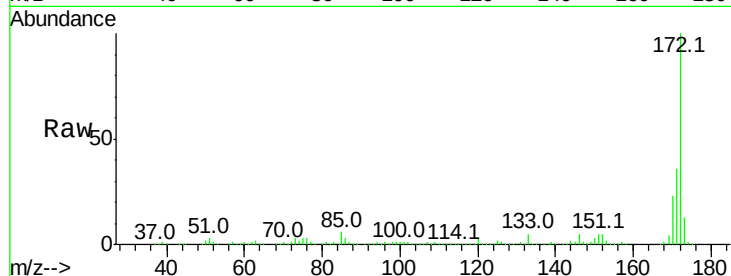




#44
2-Fluorobiphenyl
Concen: 92.909 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

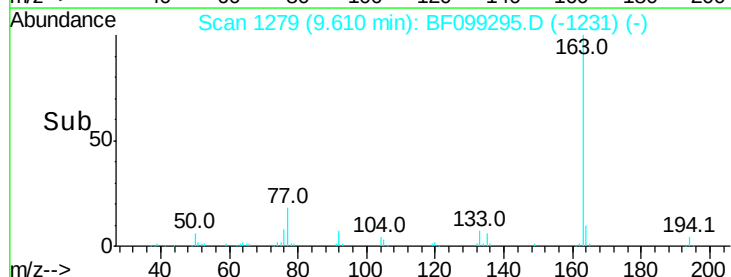
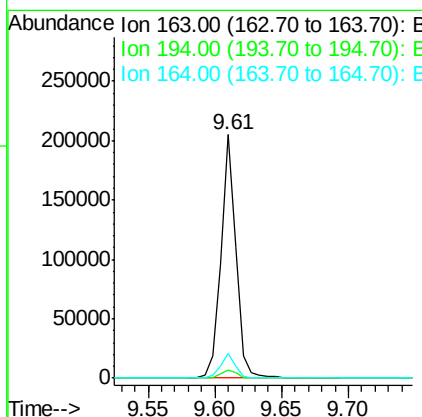
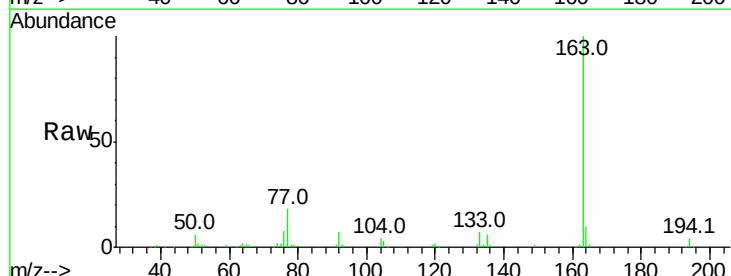
Instrument :
BNA_F
ClientSampleId :

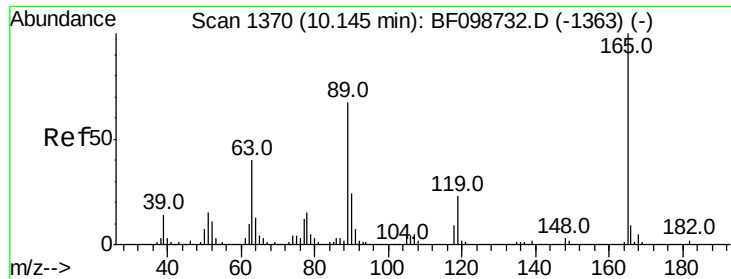
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	19.6	29.4



#49
Dimethylphthalate
Concen: 12.327 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099295.D
Acq: 10 Oct 2017 12:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

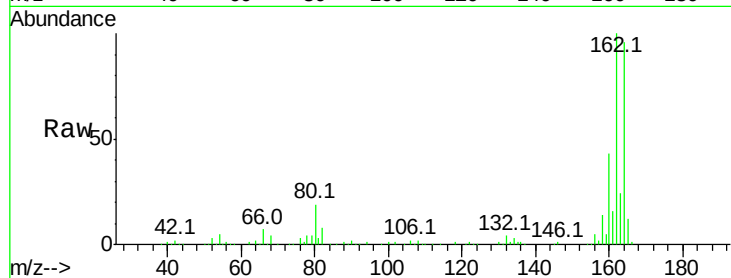




#56
 2,4-Dinitrotoluene
 Concen: 5.983 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22438
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

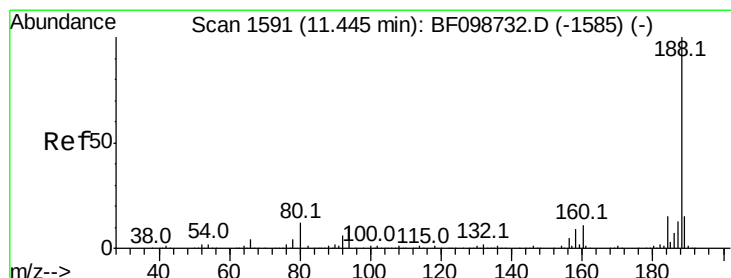
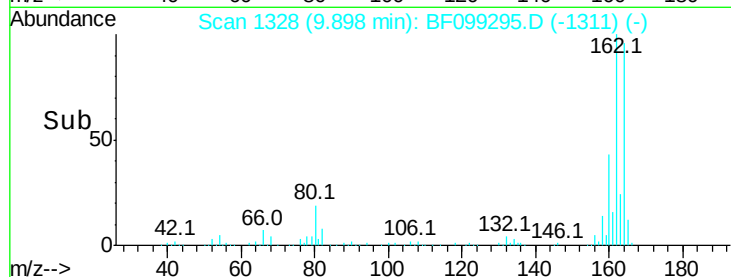
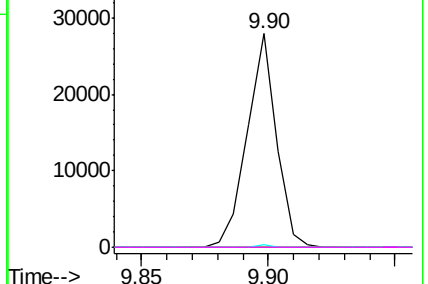


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



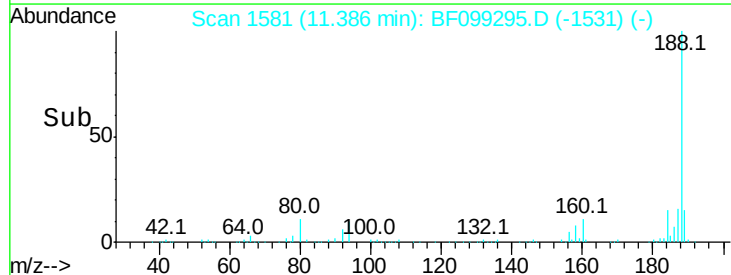
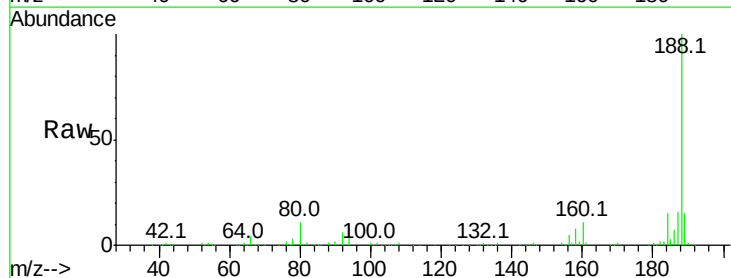
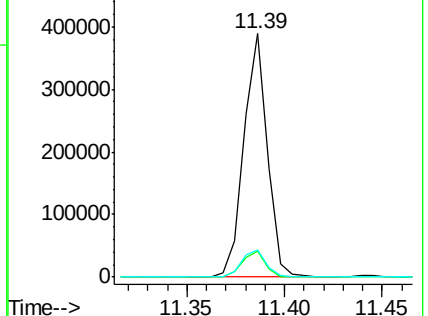
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

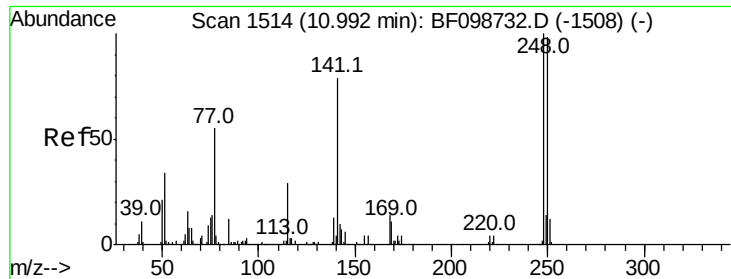
Tgt Ion:188	Resp:	323758
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.2	9.2 13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

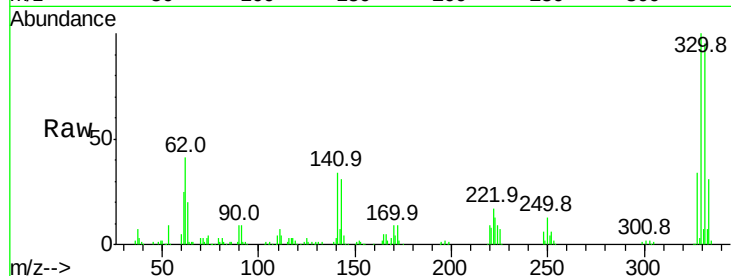




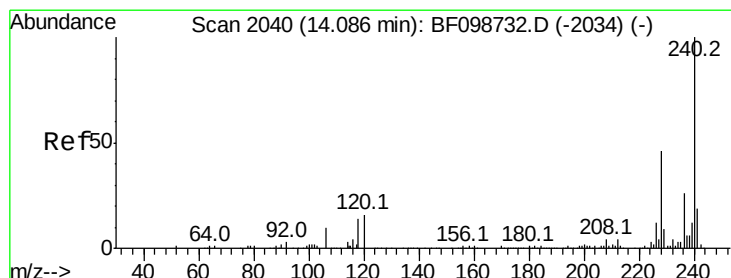
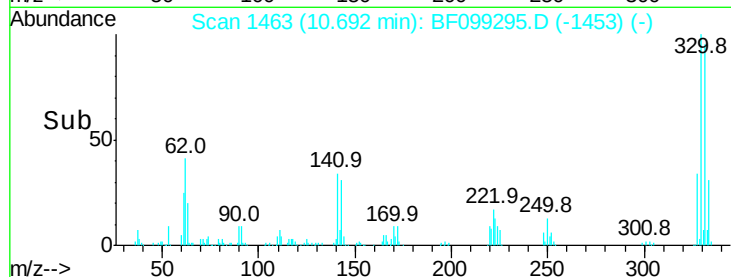
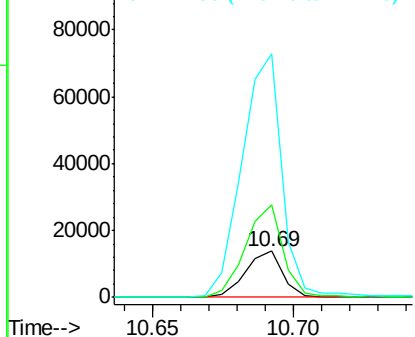
#66
 4-Bromophenyl-phenylether
 Concen: 3.956 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12538
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 526.8 74.4 111.6#

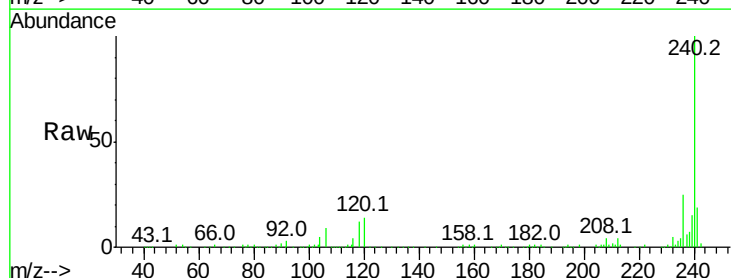


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

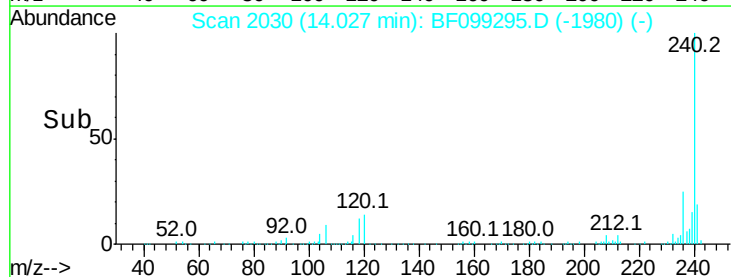
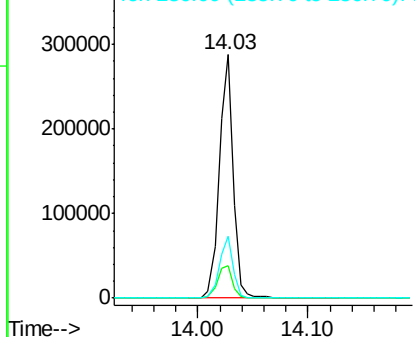


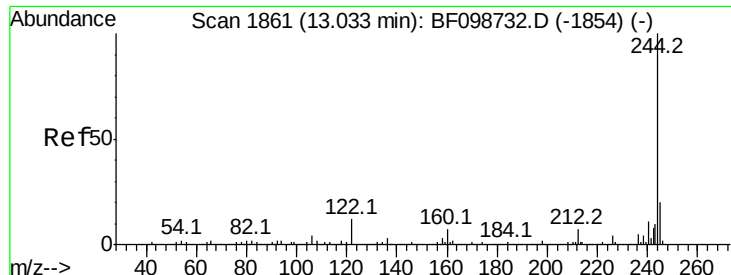
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Tgt Ion:240 Resp: 251193
 Ion Ratio Lower Upper
 240 100
 120 13.5 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

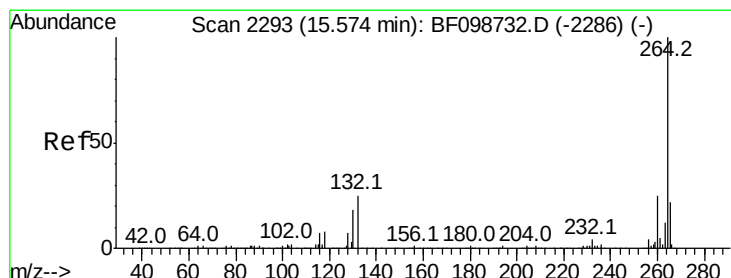
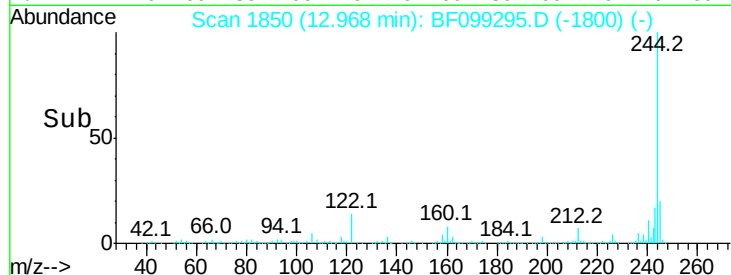
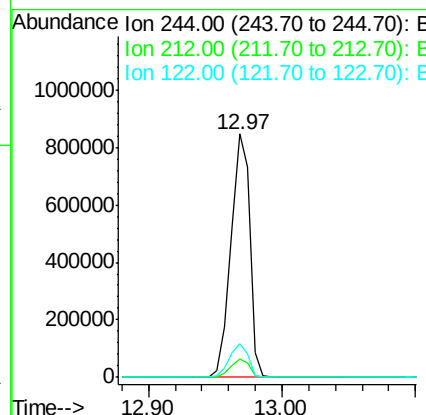
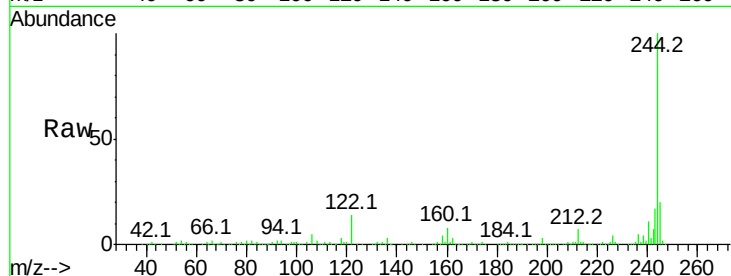




#78
 Terphenyl-d14
 Concen: 77.086 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 851444
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099295.D
 Acq: 10 Oct 2017 12:25

Tgt Ion:264 Resp: 174576
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.7 17.5 26.3

