

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099457.D
 Acq On : 13 Oct 2017 23:29
 Operator : SJ/JU
 Sample : I5819-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 00:04:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

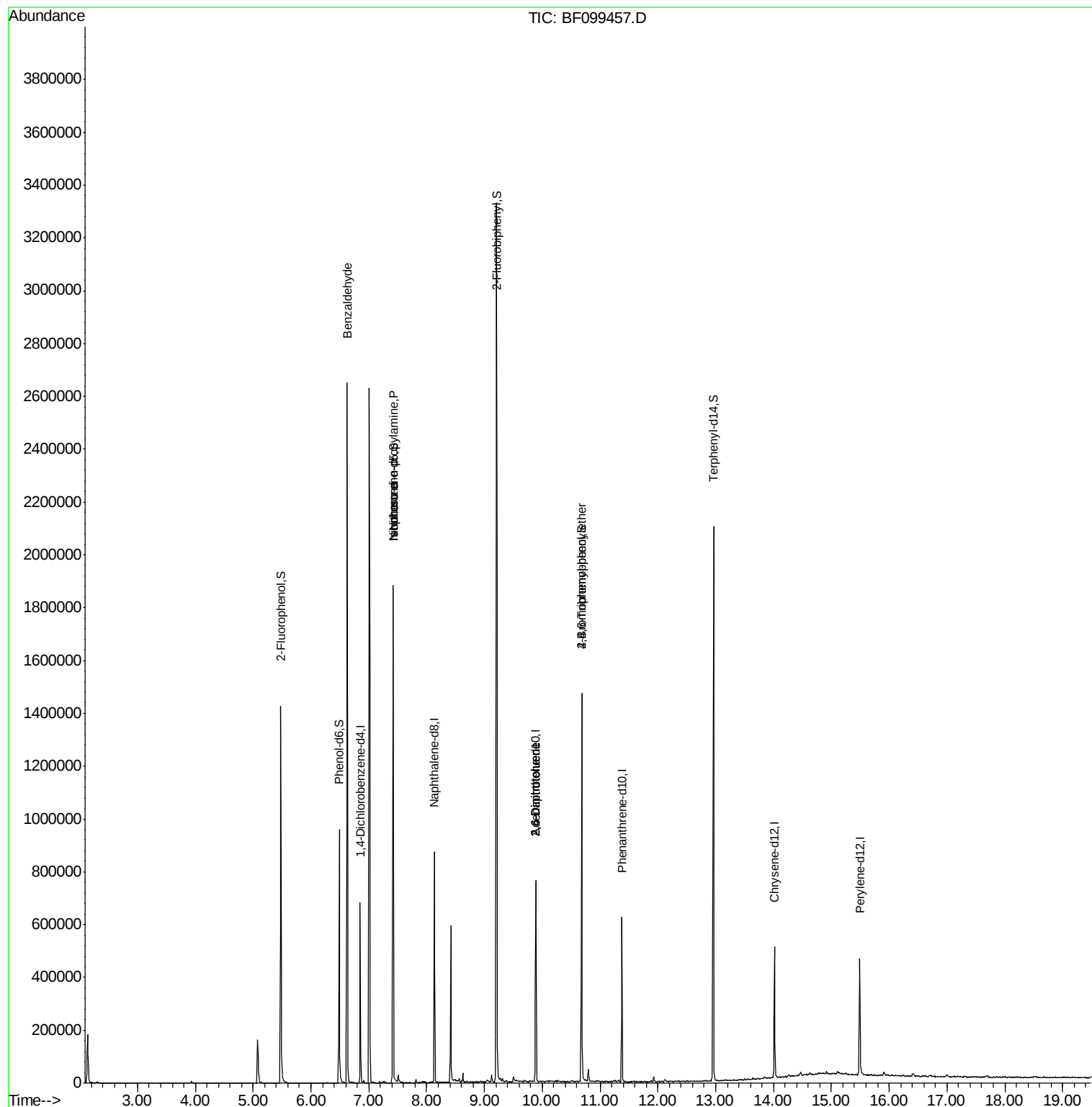
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96328	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	368355	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	145565	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	207117	20.00	ng	0.00
75) Chrysene-d12	14.02	240	166946	20.00	ng	0.00
86) Perylene-d12	15.49	264	187654	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	449953	74.36	ng	0.00
7) Phenol-d6	6.49	99	329413	44.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	656576	114.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	173336	145.52	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1098186	125.95	ng	0.00
78) Terphenyl-d14	12.96	244	704205	95.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14827	3.42	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	83091	17.43	ng	# 73
25) Isophorone	7.42	82	656566	55.29	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	18362	7.68	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	18362	5.92	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	10951	5.40	ng	# 1

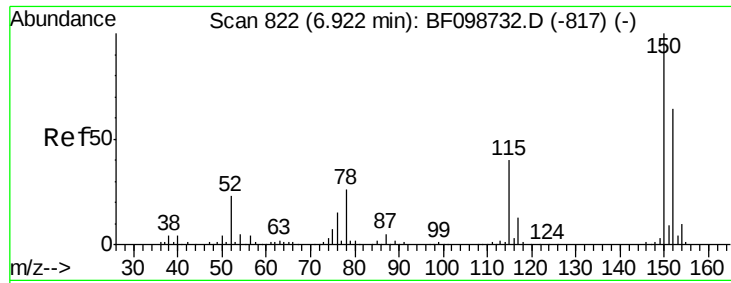
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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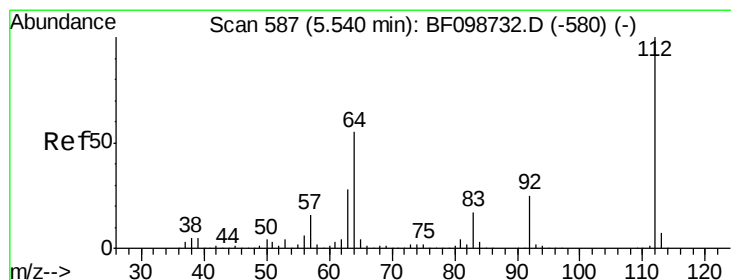
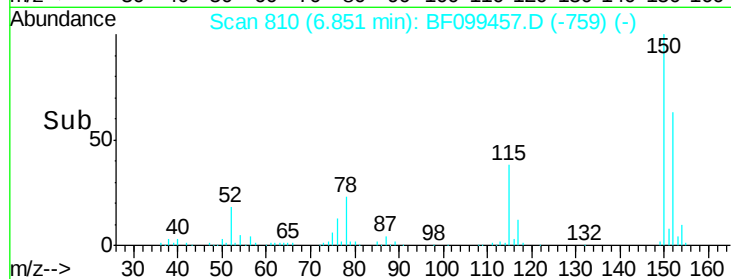
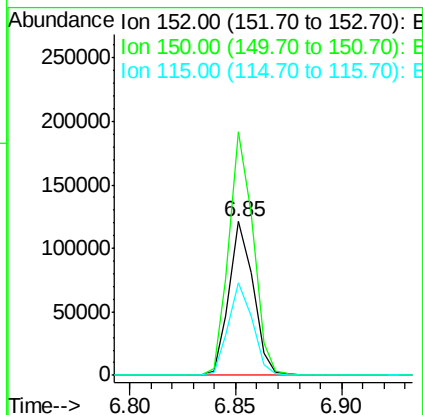
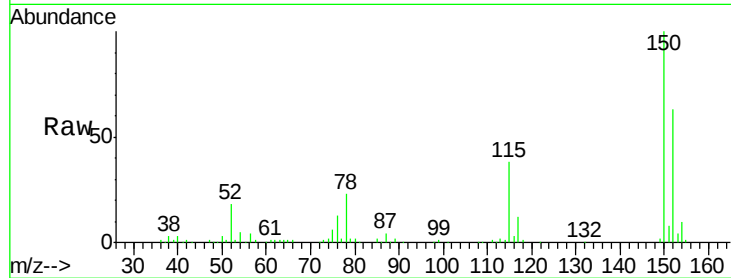


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

Instrument :
 BNA_F
 ClientSampled :

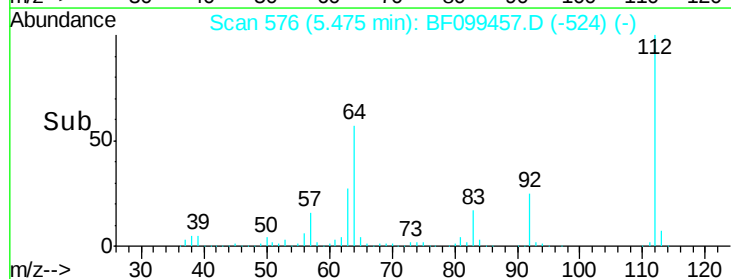
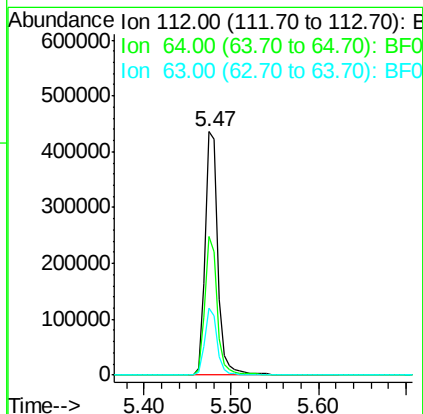
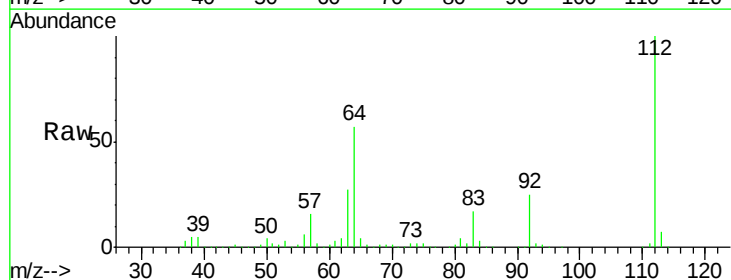
Tot Ion:152 Resp: 96328
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 60.2 50.1 75.1

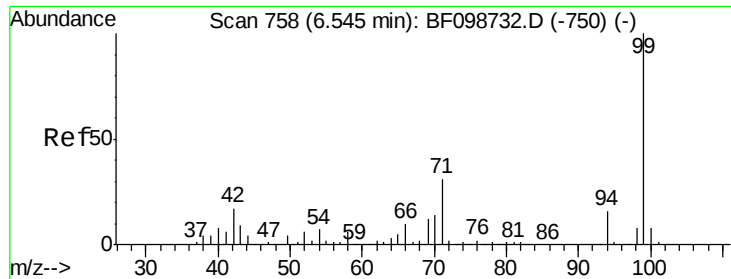


#5

2-Fluorophenol
 Concen: 74.36 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

Tgt Ion:112 Resp: 449953
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 44.13 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

Instrument :

BNA_F

ClientSampled :

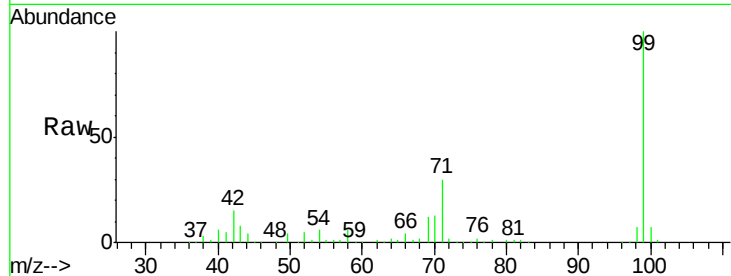
Tot Ion: 99 Resp: 329413

Ion Ratio Lower Upper

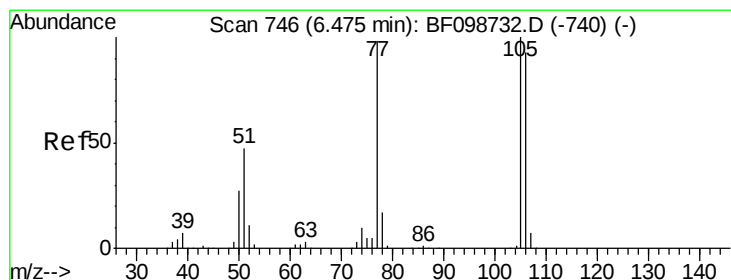
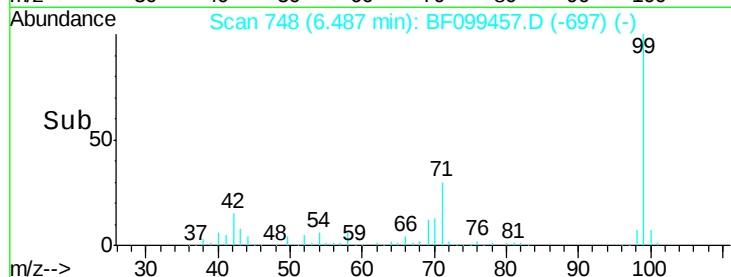
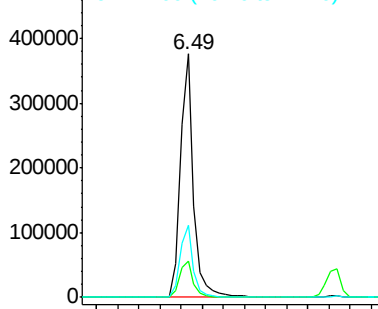
99 100

42 15.1 14.5 21.7

71 29.9 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: 3.42 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

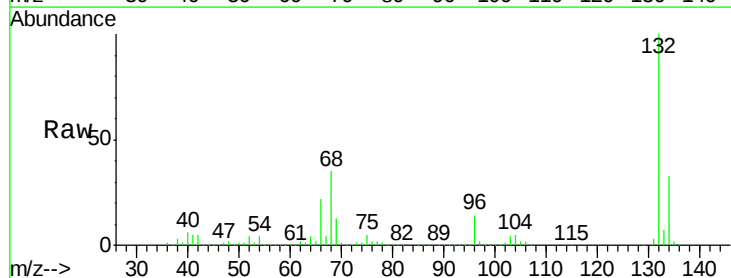
Tgt Ion: 77 Resp: 14827

Ion Ratio Lower Upper

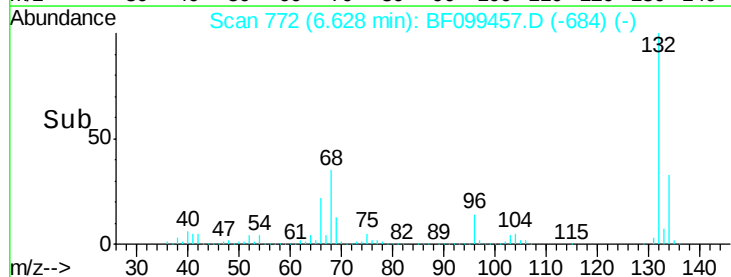
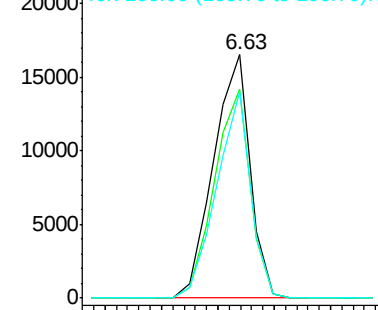
77 100

105 85.6 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): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.43 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 83091

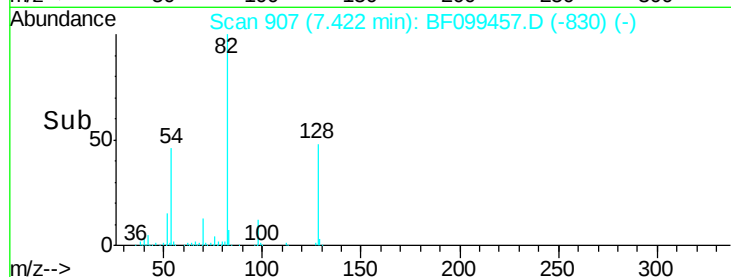
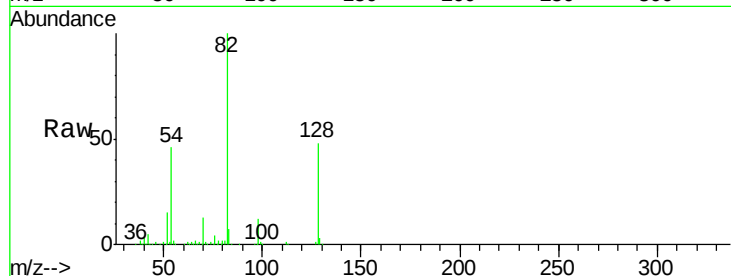
Ion Ratio Lower Upper

70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

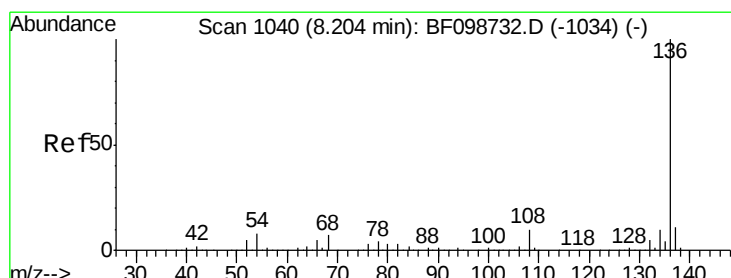
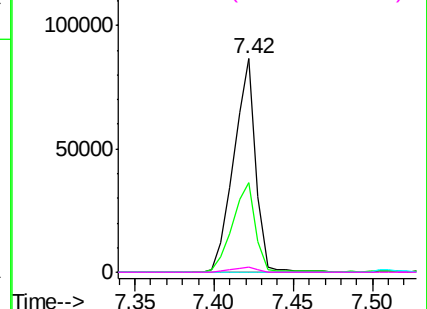


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

Tgt Ion: 136 Resp: 368355

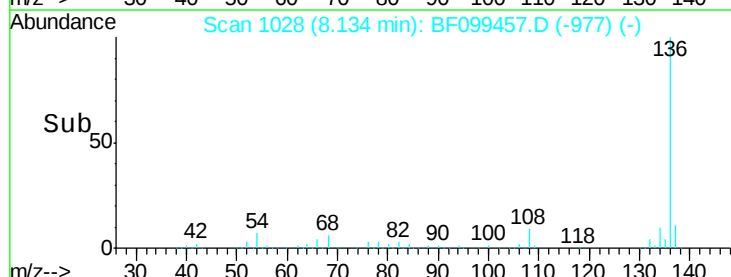
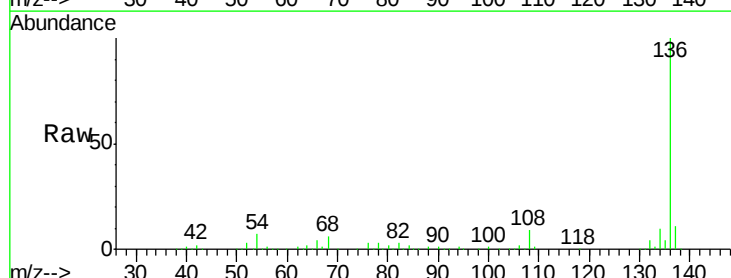
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

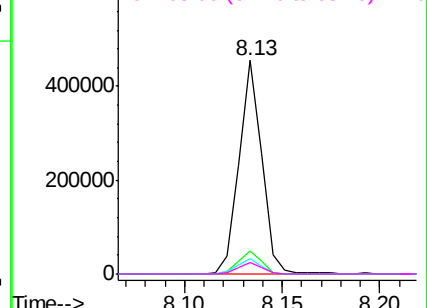


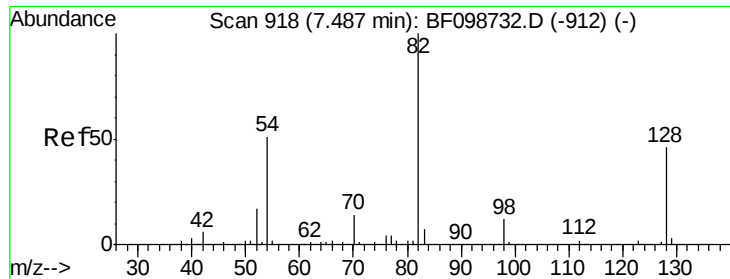
Abundance Ion 136.00 (135.70 to 136.70): E

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

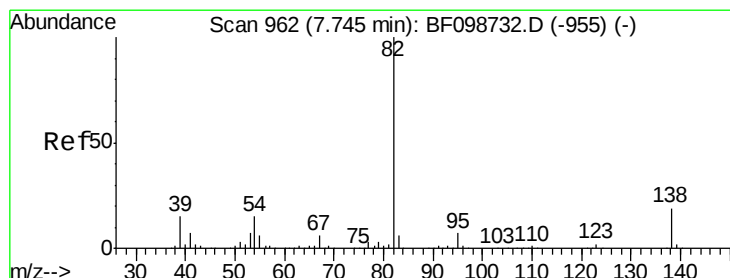
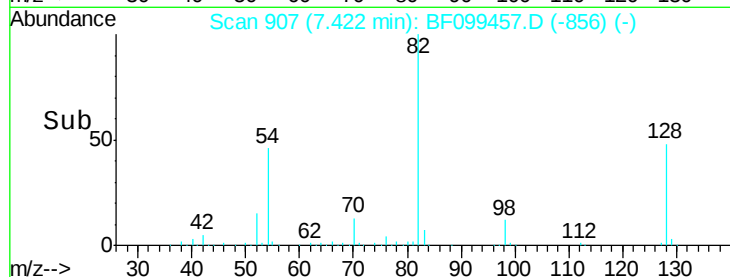
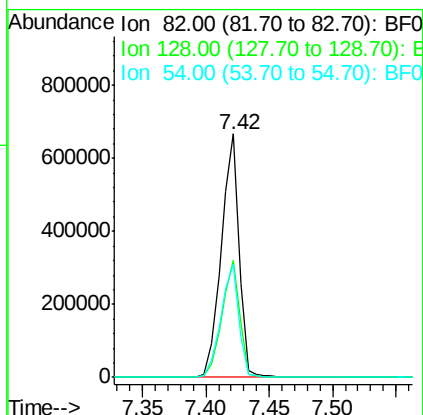
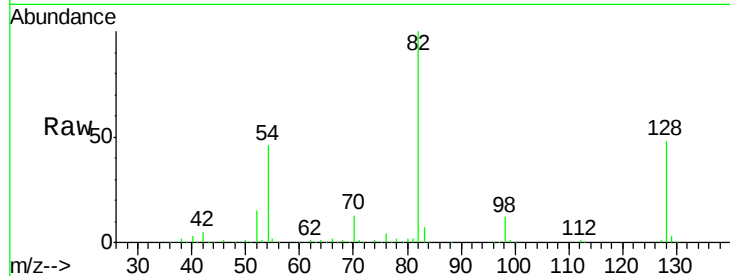




#23
 Nitrobenzene-d5
 Concen: 114.31 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

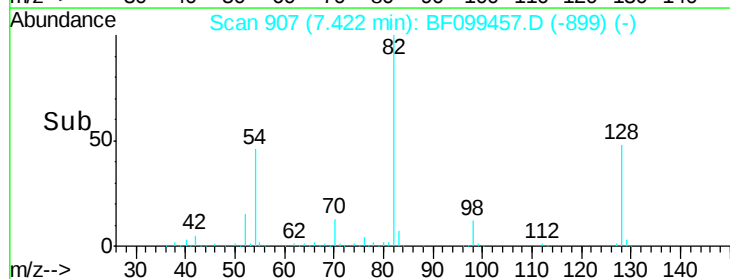
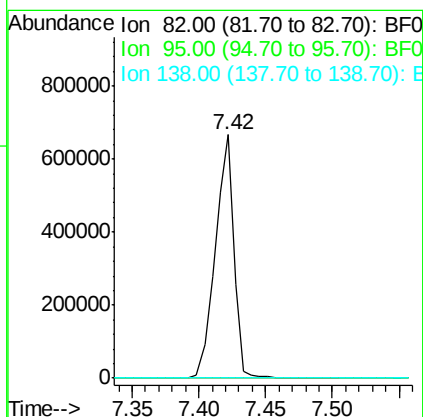
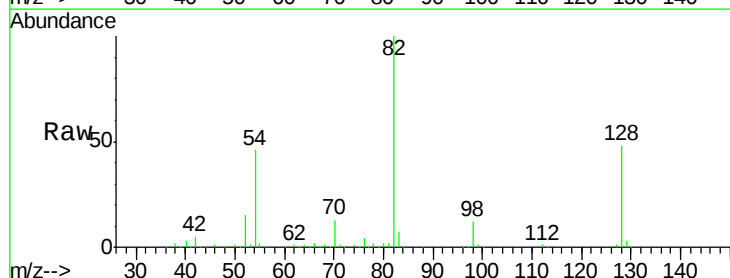
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	656576
Ion Ratio	100	Lower	Upper
128	48.1	36.1	54.1
54	46.2	41.4	62.2



#25
 Isophorone
 Concen: 55.29 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

Tgt Ion	82	Resp	656566
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

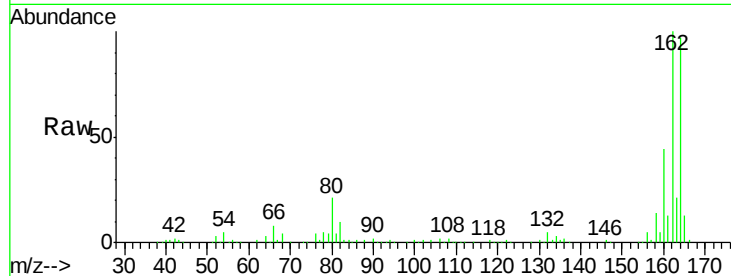




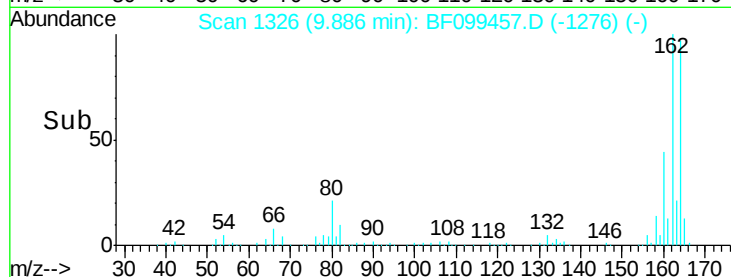
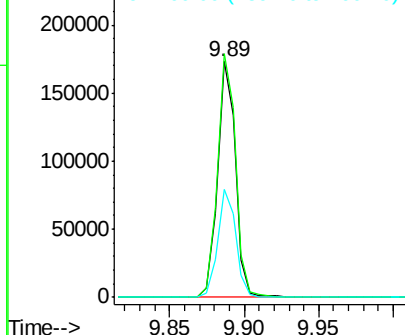
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099457.D
Acq: 13 Oct 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 145565
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.9 38.3 57.5

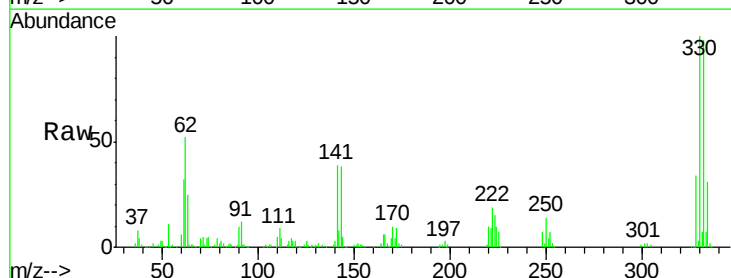


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

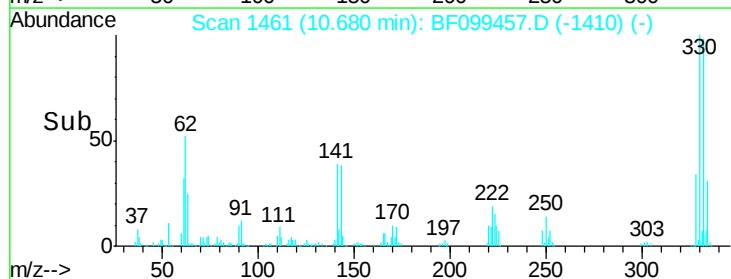
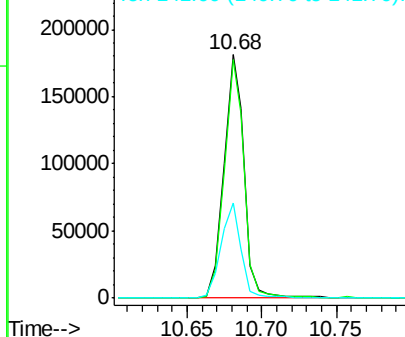


#41
2,4,6-Tribromophenol
Concen: 145.52 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099457.D
Acq: 13 Oct 2017 23:29

Tgt Ion:330 Resp: 173336
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 39.5 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



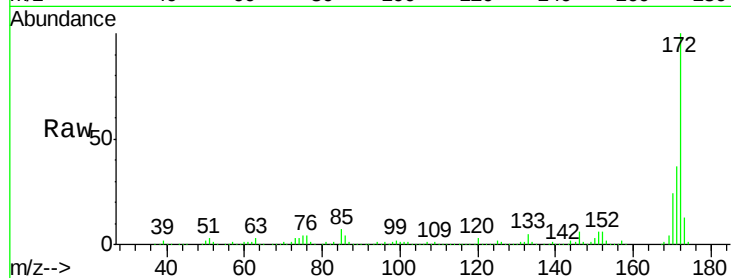


#44
 2-Fluorobiphenyl
 Concen: 125.95 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

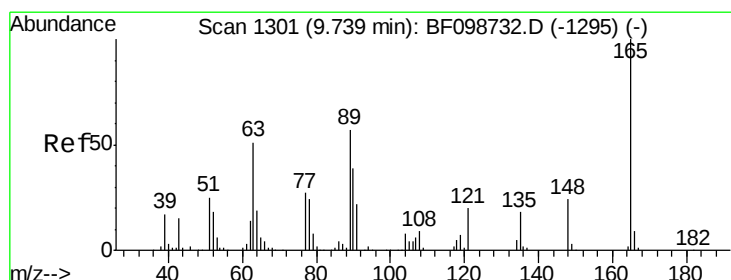
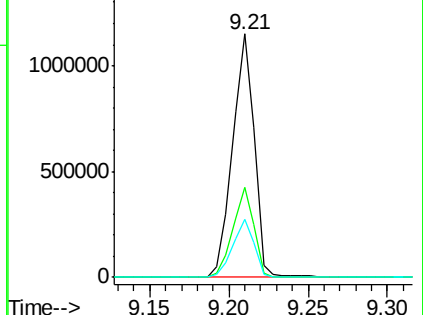
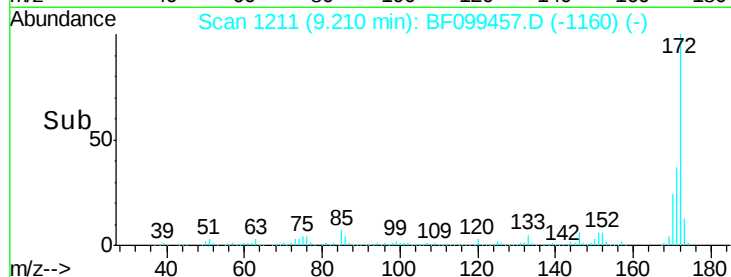
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1098186

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4



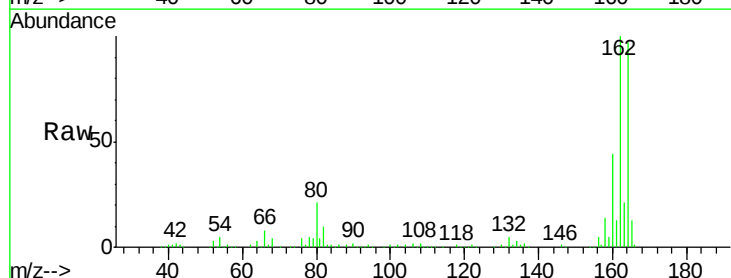
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



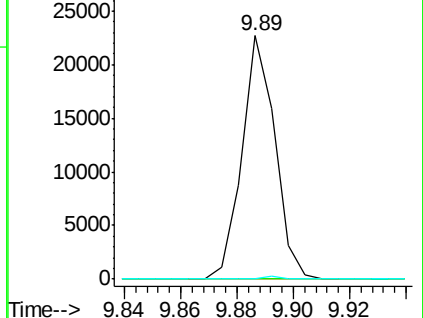
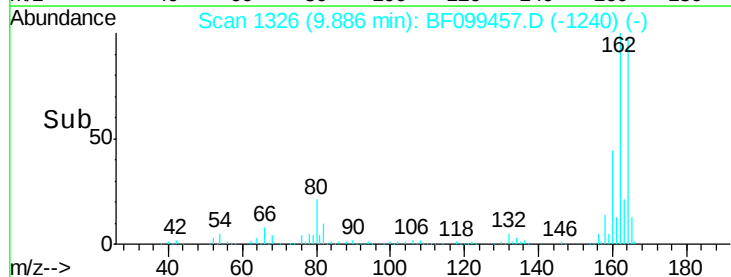
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

Tgt Ion:165 Resp: 18362

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

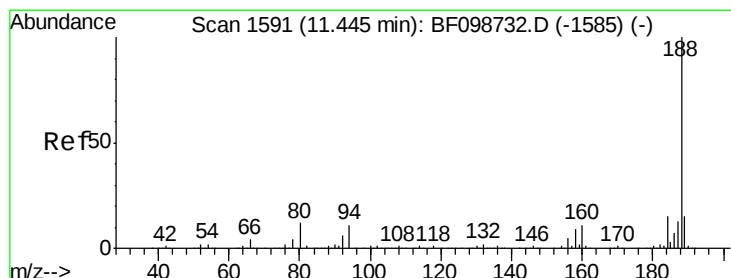
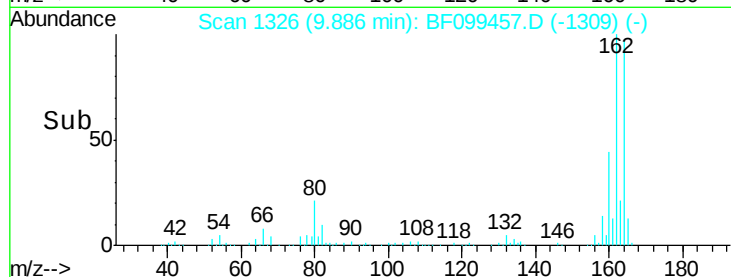
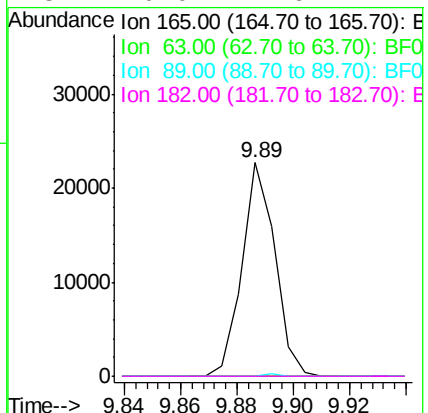
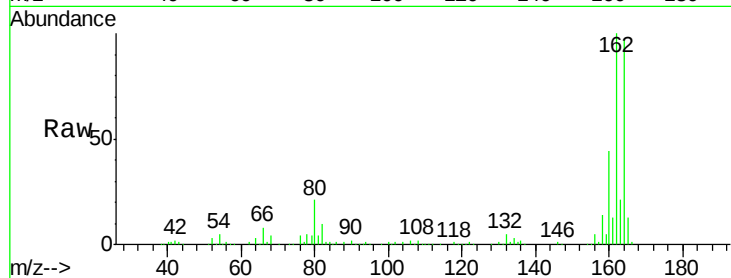




#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

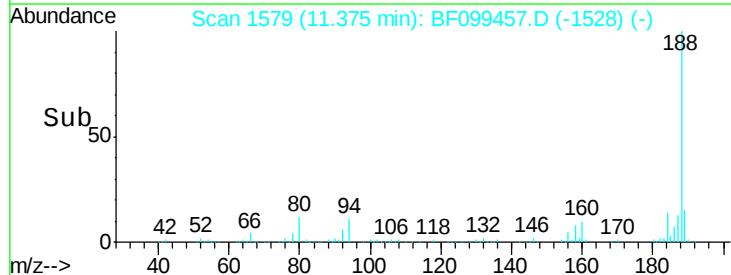
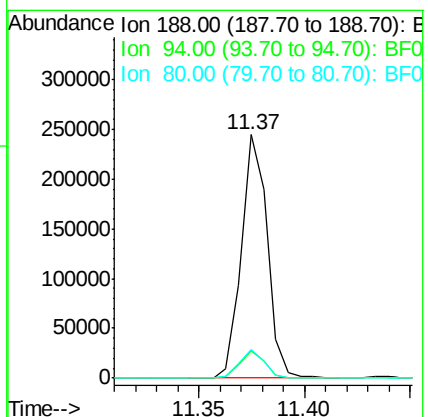
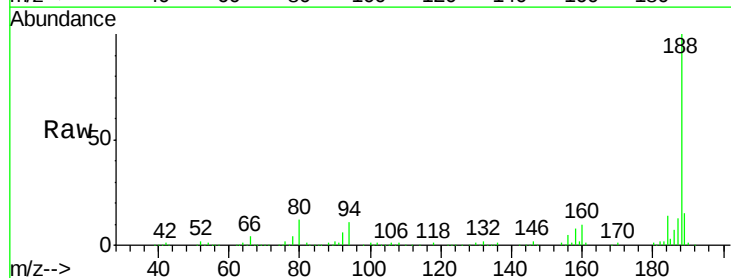
Instrument :
 BNA_F
 ClientSampleId :

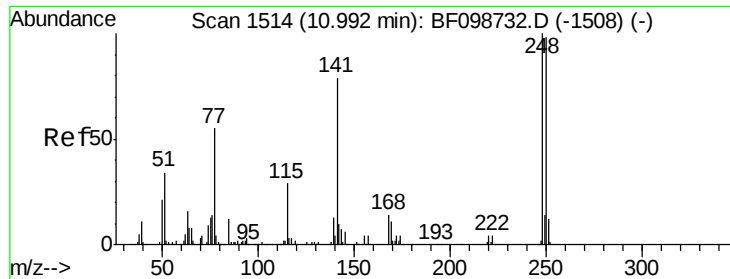
Tot Ion:165	Resp:	18362
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099457.D
 Acq: 13 Oct 2017 23:29

Tgt Ion:188	Resp:	207117
Ion Ratio	Lower	Upper
188	100	
94	11.1	8.5 12.7
80	11.8	9.2 13.8

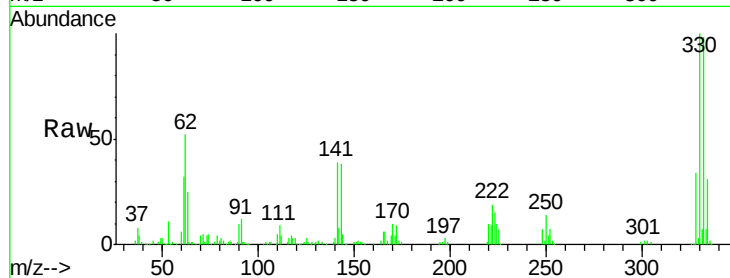




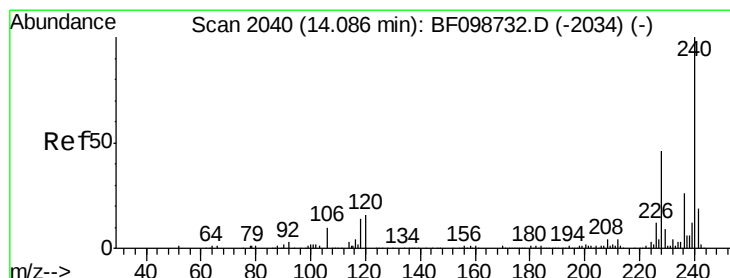
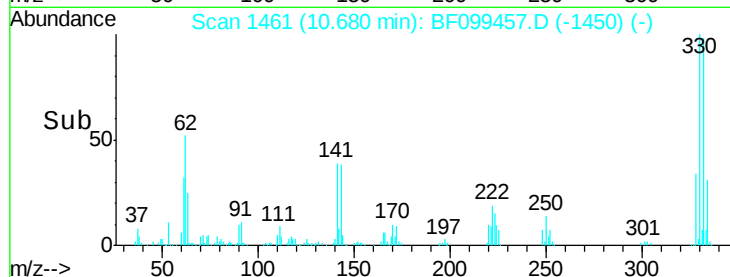
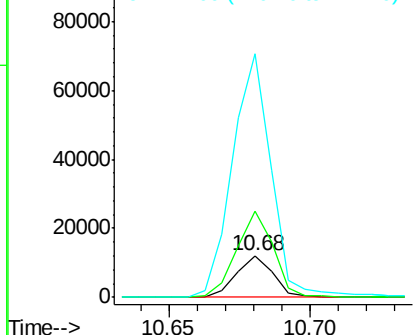
#66
4-Bromophenyl-phenylether
Concen: 5.40 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099457.D
Acq: 13 Oct 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10951
Ion Ratio Lower Upper
248 100
250 204.2 76.9 115.3#
141 580.6 74.4 111.6#

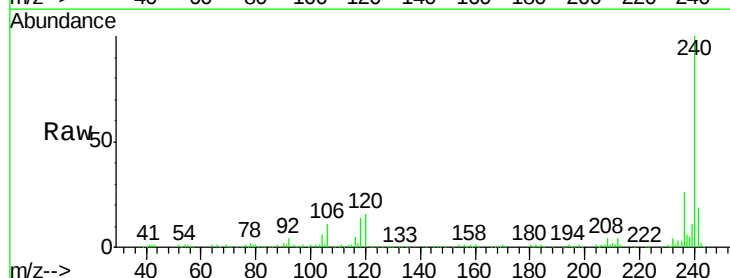


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

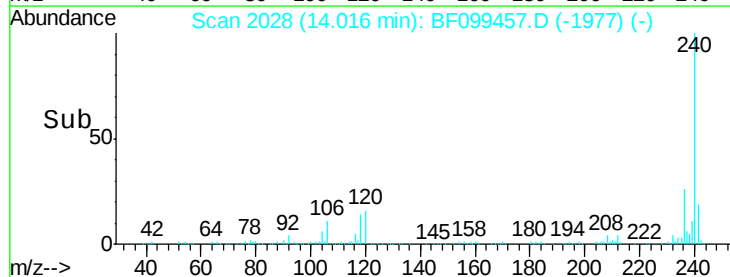
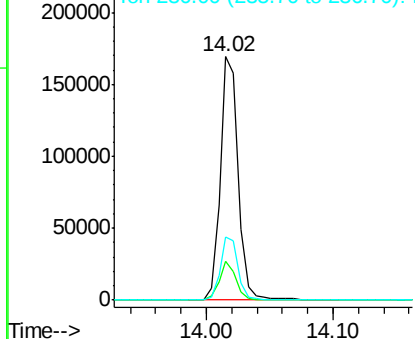


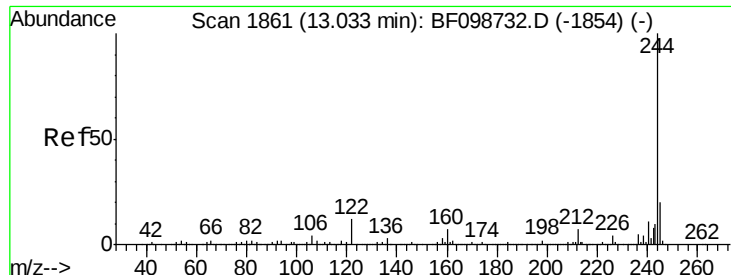
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099457.D
Acq: 13 Oct 2017 23:29

Tgt Ion:240 Resp: 166946
Ion Ratio Lower Upper
240 100
120 15.7 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: 95.93 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

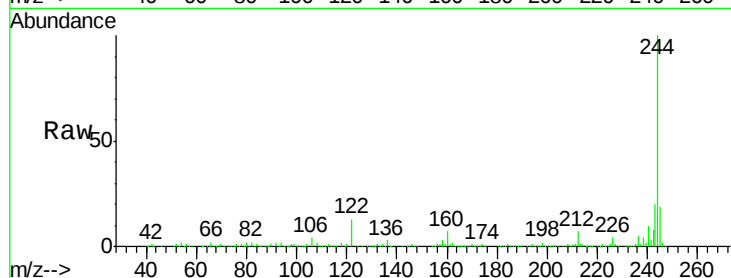
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 704205

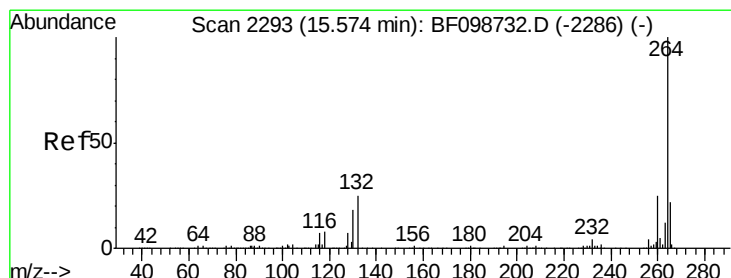
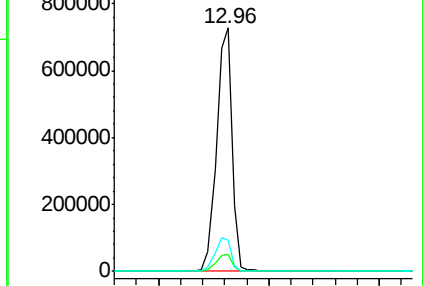
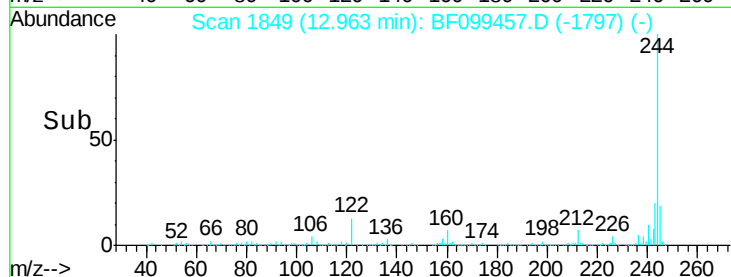
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	11.0	16.4



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: 15.49 min Scan# 2279

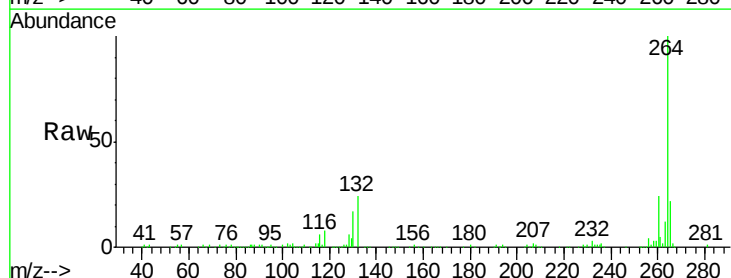
Delta R.T. 0.01 min

Lab File: BF099457.D

Acq: 13 Oct 2017 23:29

Tgt Ion:264 Resp: 187654

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	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

