

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099465.D
 Acq On : 14 Oct 2017 3:41
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 04:24:45 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

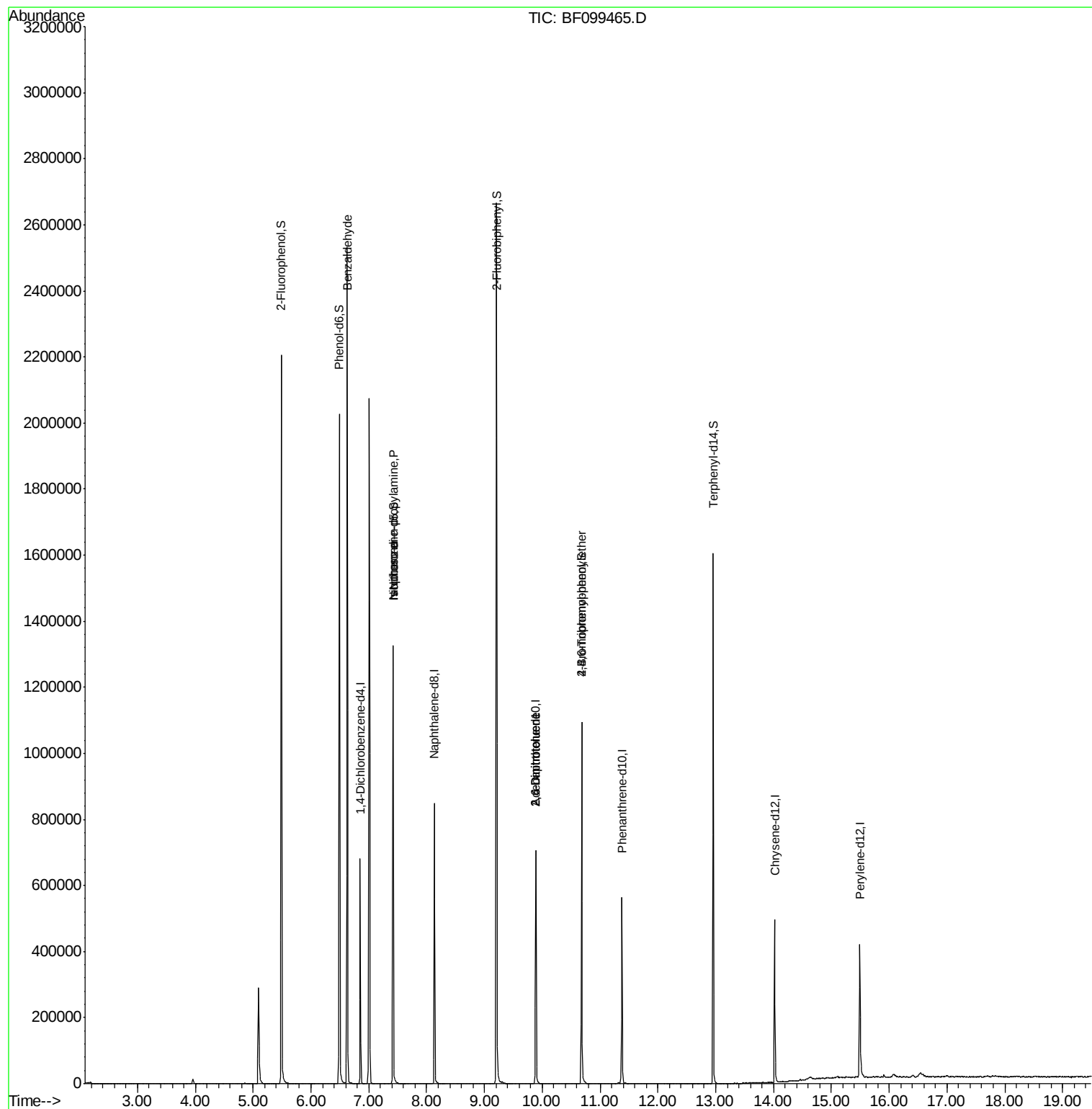
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99690	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	393392	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	155280	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	216972	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172045	20.00	ng	0.00
86) Perylene-d12	15.49	264	189497	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	693783	110.79	ng	0.02
7) Phenol-d6	6.49	99	809628	104.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	478593	78.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	122725	96.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	862744	92.75	ng	0.00
78) Terphenyl-d14	12.96	244	519242	68.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13836	3.09	ng	86
19) n-Nitroso-di-n-propylamine	7.42	70	61922	12.55	ng	# 74
25) Isophorone	7.42	82	478588	37.74	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	19725	7.73	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	19725	5.96	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8332	3.92	ng	# 1

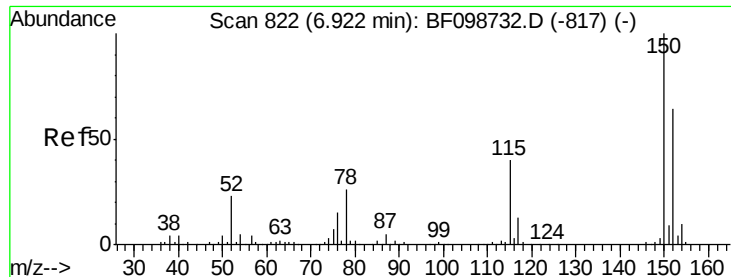
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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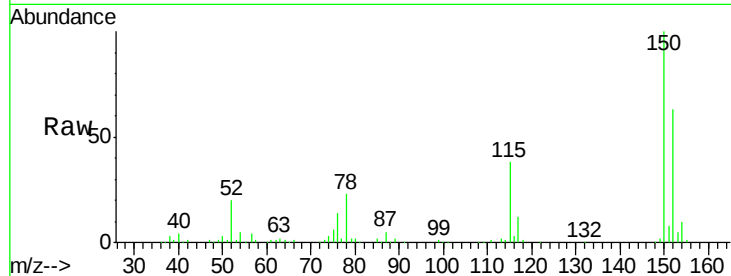


#1

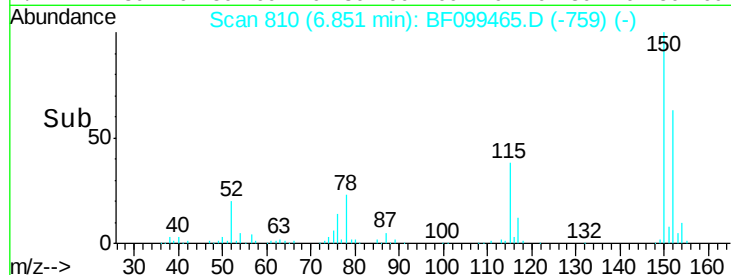
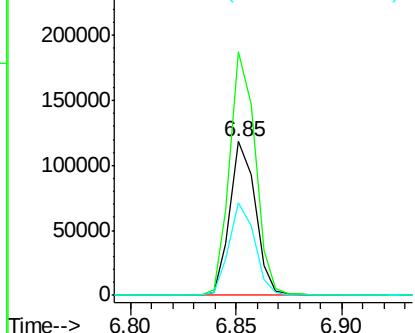
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99690
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.3 50.1 75.1



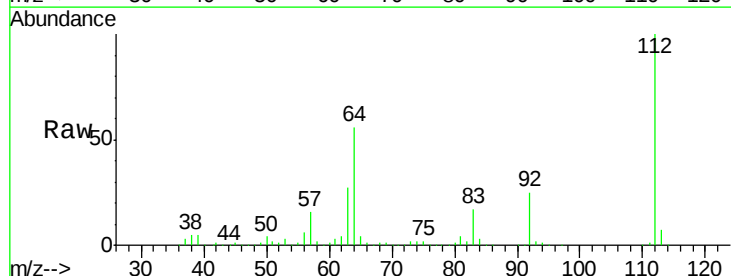
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



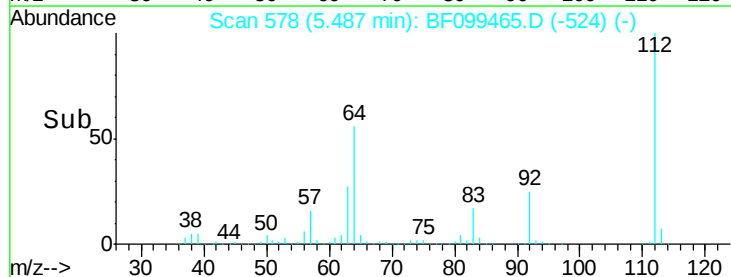
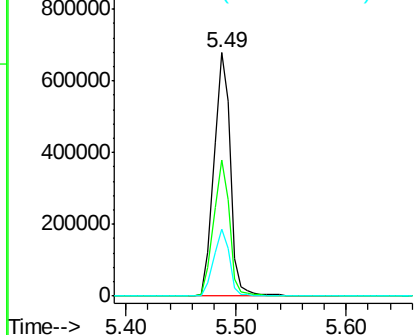
#5

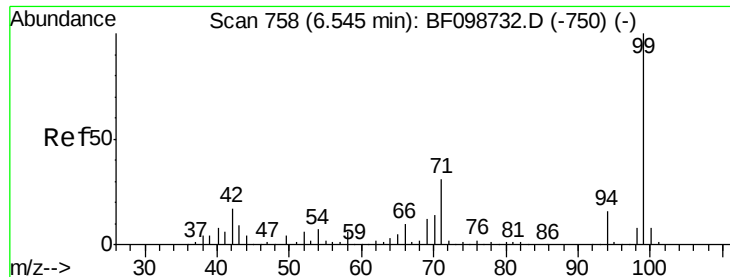
2-Fluorophenol
Concen: 110.79 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Tgt Ion:112 Resp: 693783
Ion Ratio Lower Upper
112 100
64 56.1 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: 104.80 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Instrument :

BNA_F

ClientSampled :

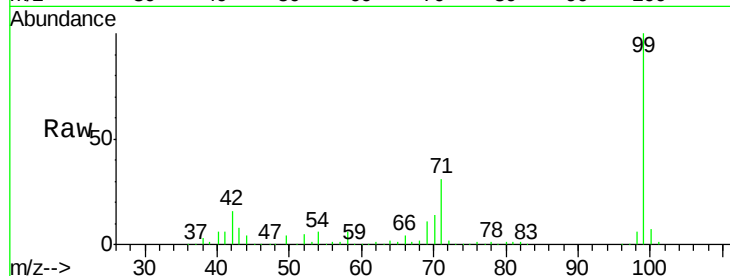
Tot Ion: 99 Resp: 809628

Ion Ratio Lower Upper

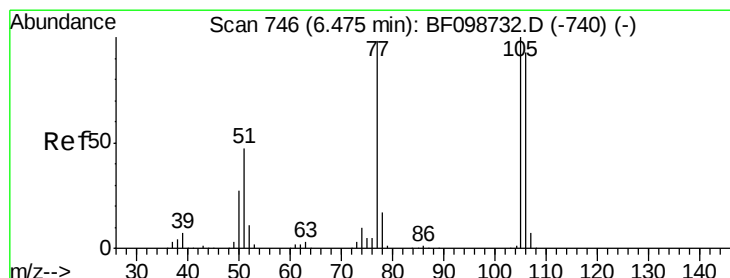
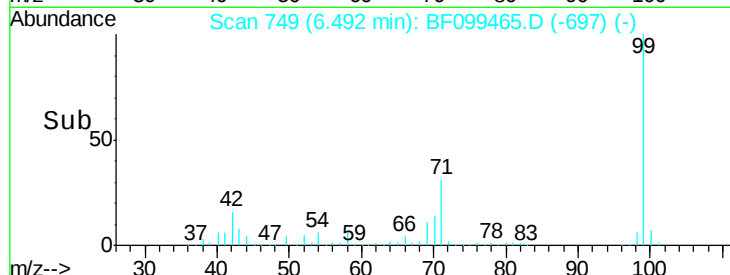
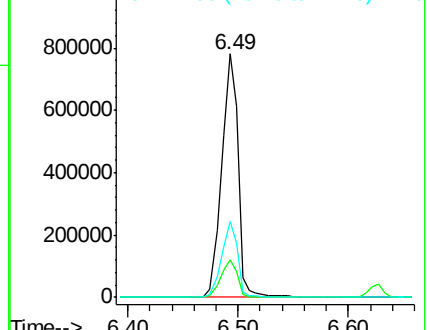
99 100

42 15.6 14.5 21.7

71 31.1 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: 3.09 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

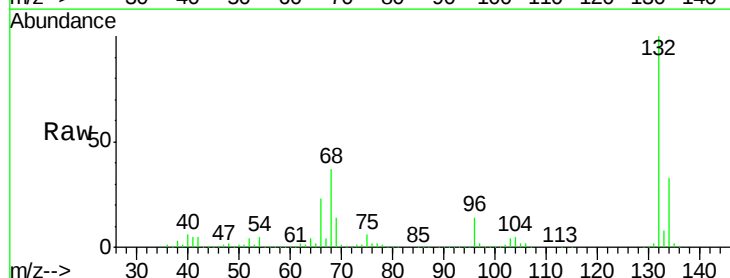
Tgt Ion: 77 Resp: 13836

Ion Ratio Lower Upper

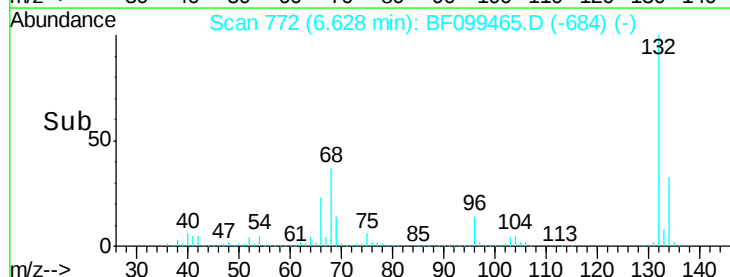
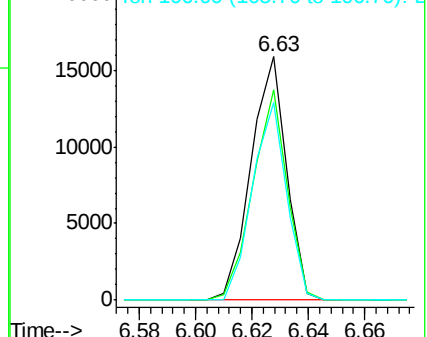
77 100

105 86.3 81.1 121.1

106 81.4 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: 12.55 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 61922

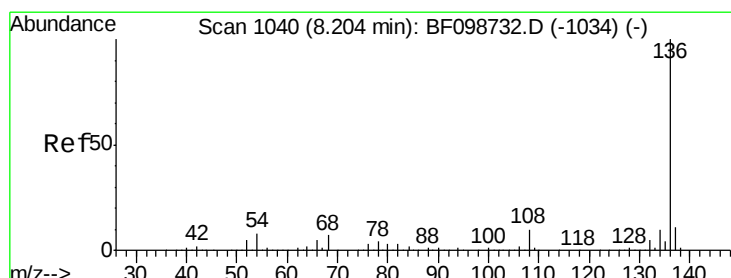
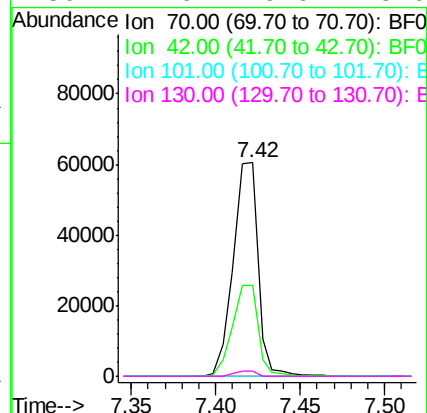
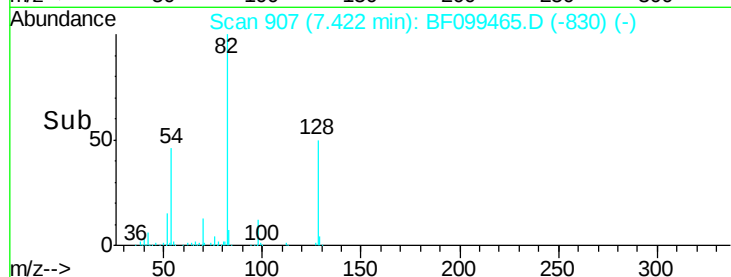
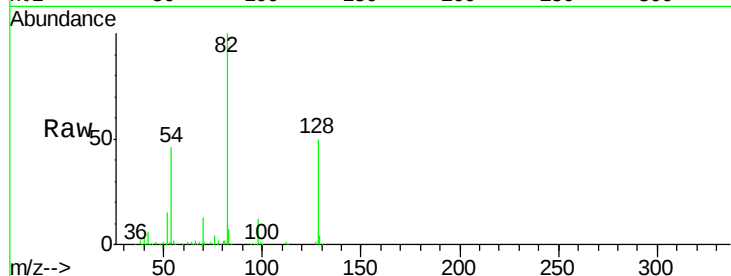
Ion Ratio Lower Upper

70 100

42 42.6 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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Tgt Ion: 136 Resp: 393392

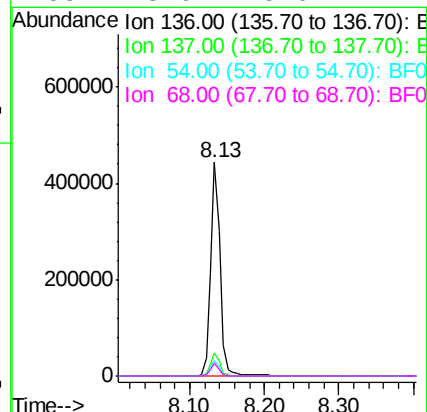
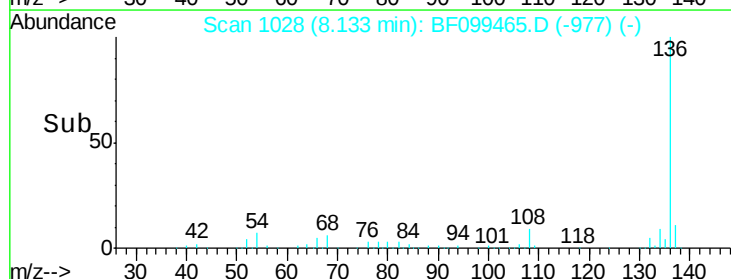
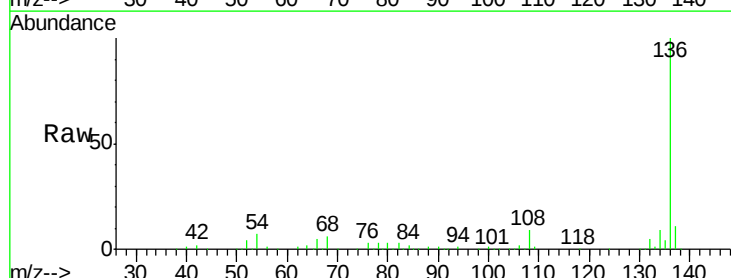
Ion Ratio Lower Upper

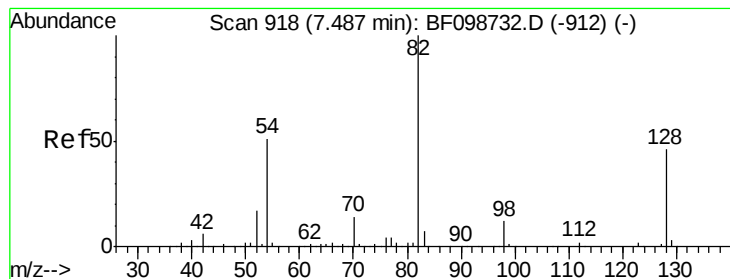
136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.02 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Instrument :

BNA_F

ClientSampled :

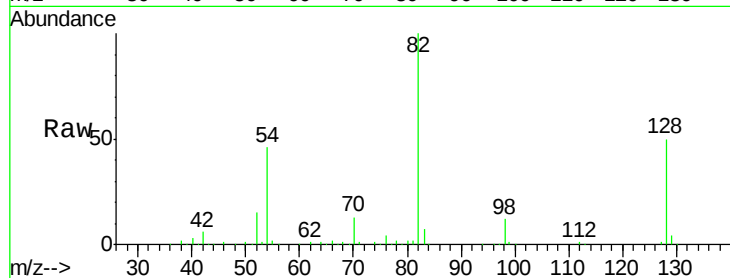
Tot Ion: 82 Resp: 478593

Ion Ratio Lower Upper

82 100

128 50.4 36.1 54.1

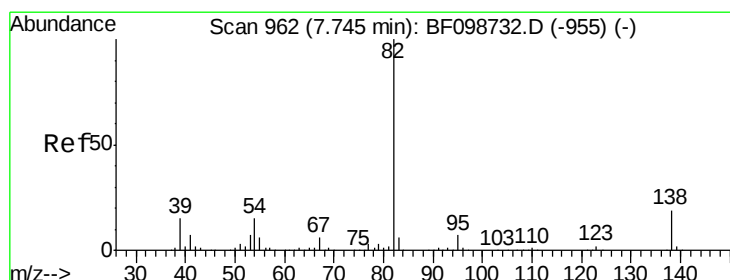
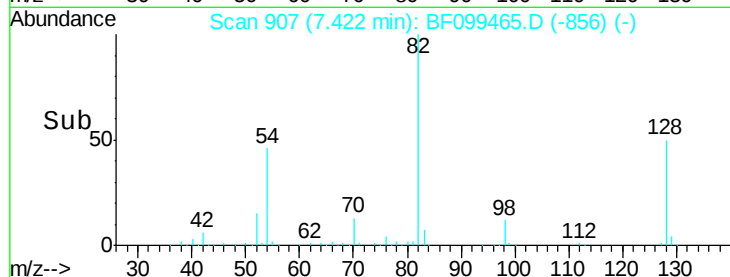
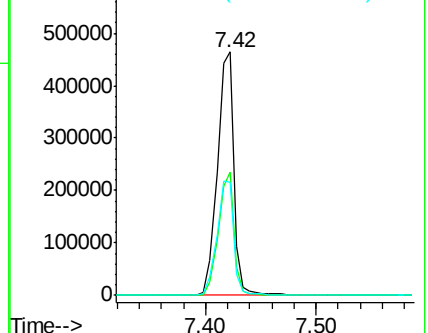
54 46.2 41.4 62.2



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: 37.74 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

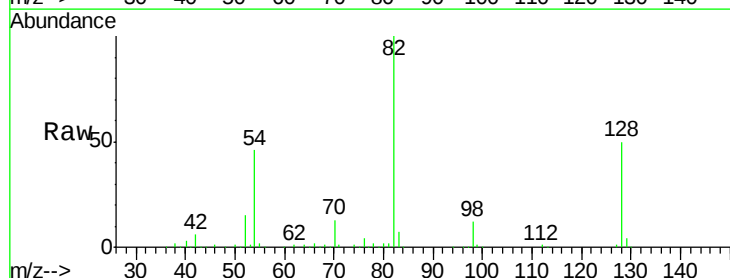
Tgt Ion: 82 Resp: 478588

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

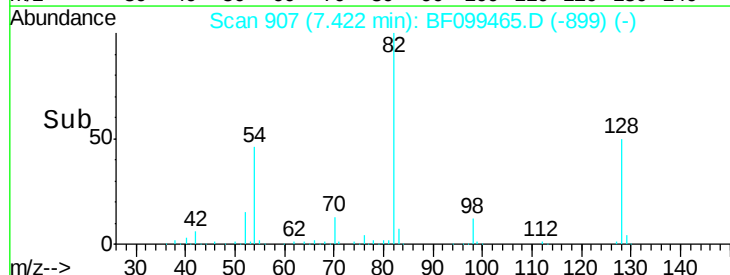
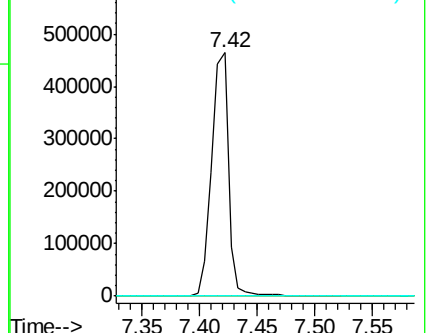
138 0.0 14.9 22.3#

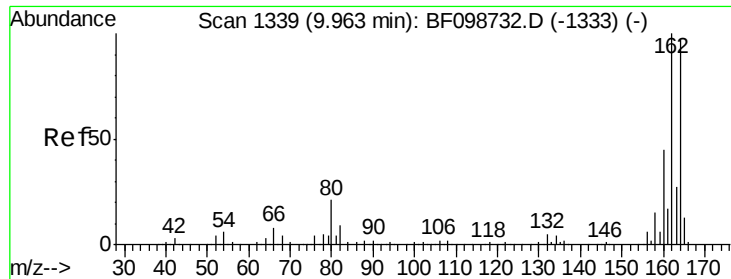


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

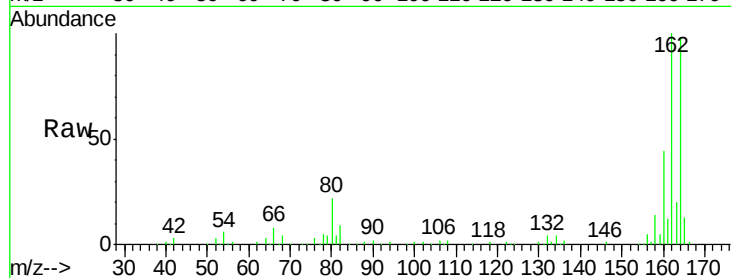




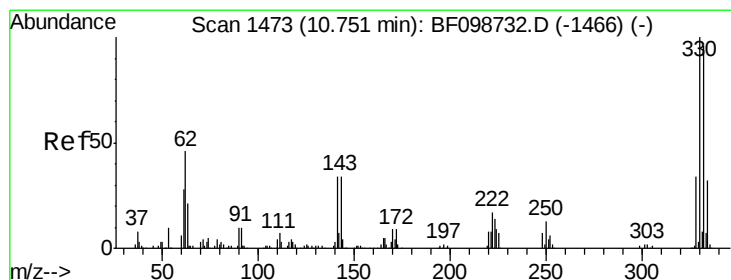
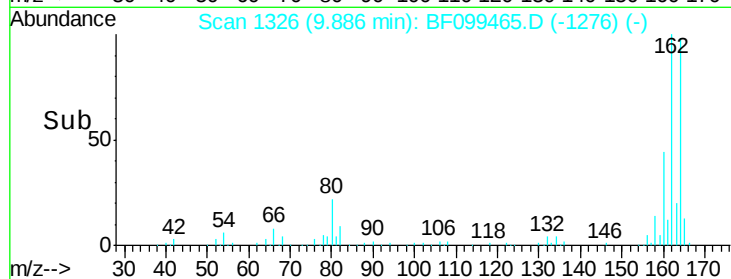
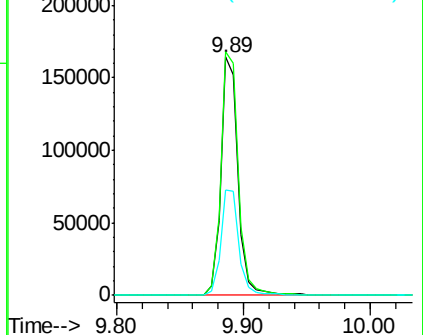
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 155280
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.5 38.3 57.5

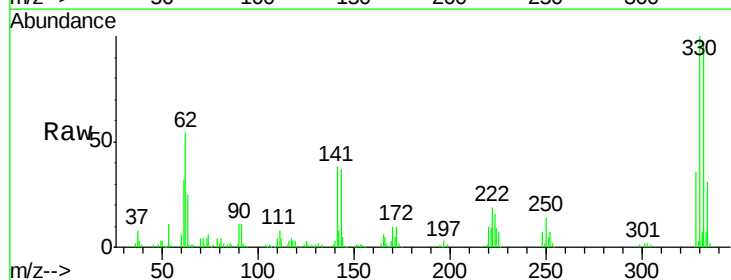


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

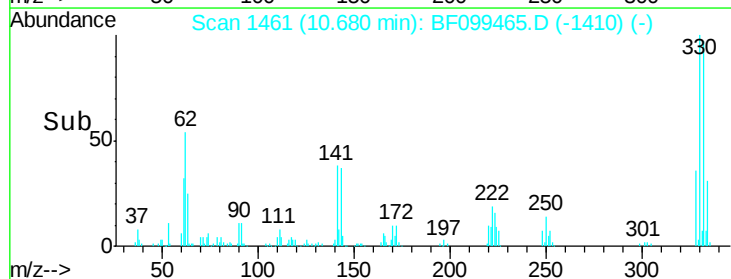
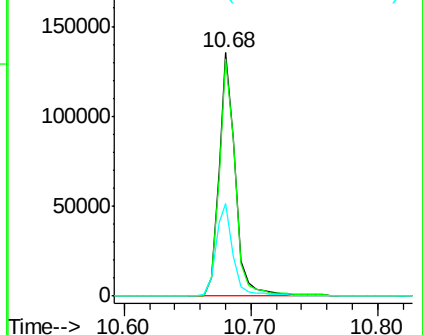


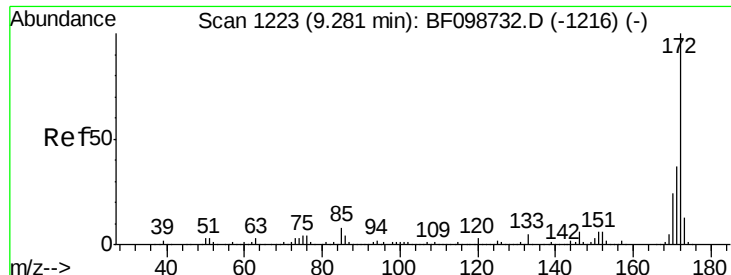
#41
2,4,6-Tribromophenol
Concen: 96.59 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Tgt Ion:330 Resp: 122725
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 40.3 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

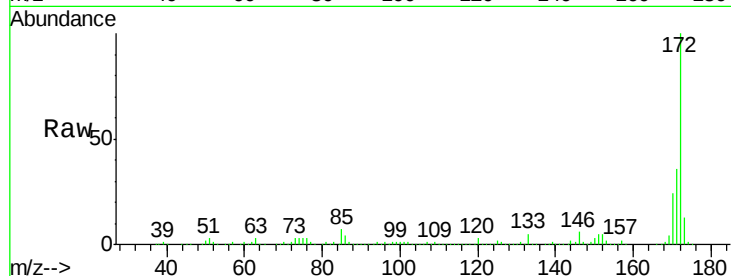




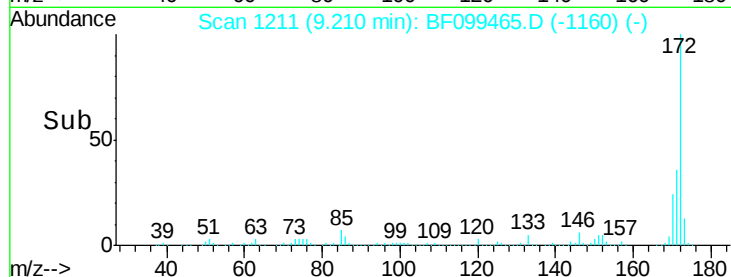
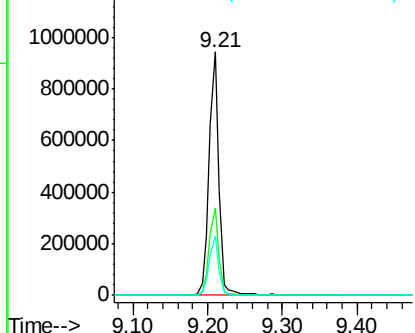
#44
 2-Fluorobiphenyl
 Concen: 92.75 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 862744
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4

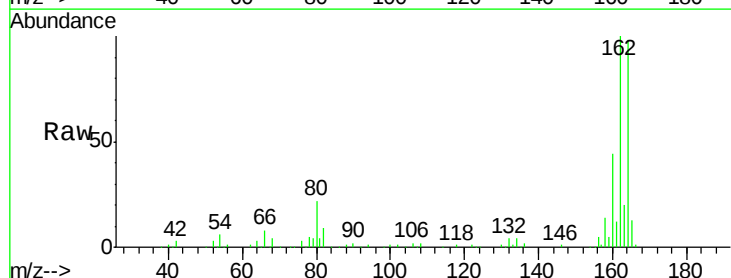


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

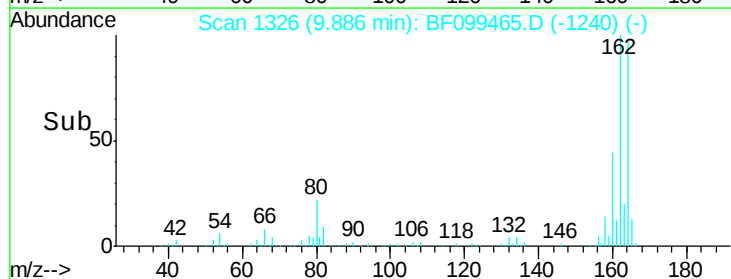
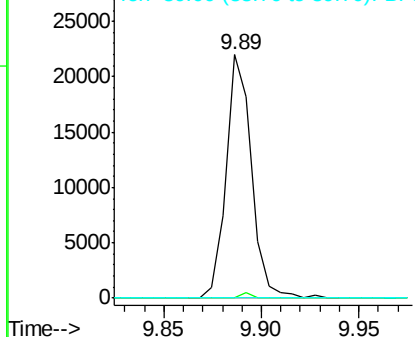


#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Tgt Ion:165 Resp: 19725
 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

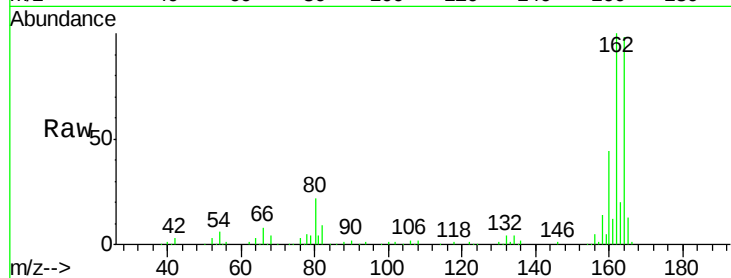




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19725
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#

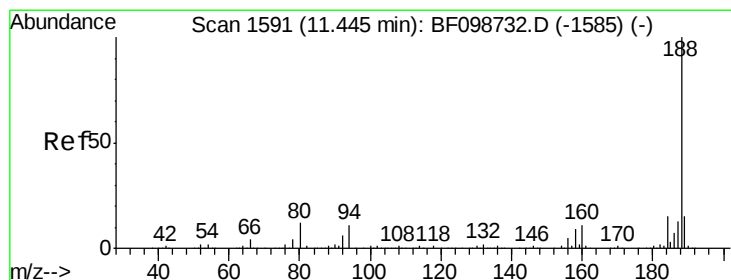
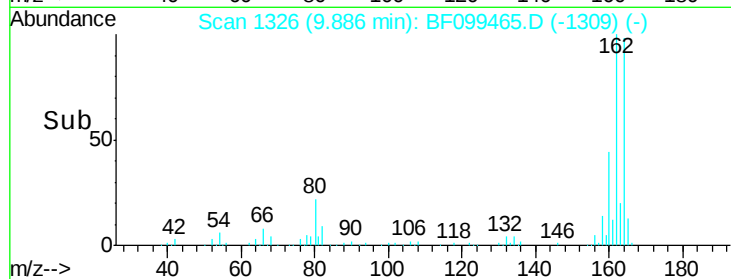
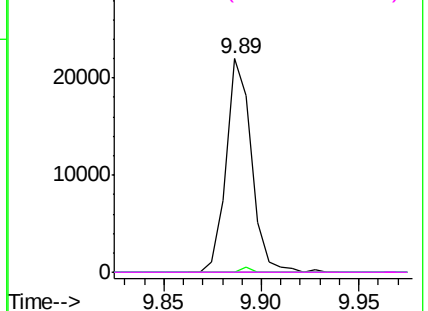


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

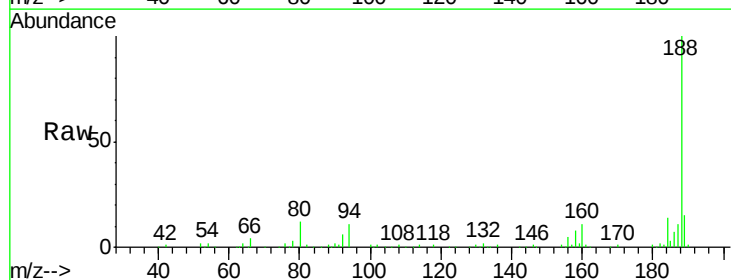
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

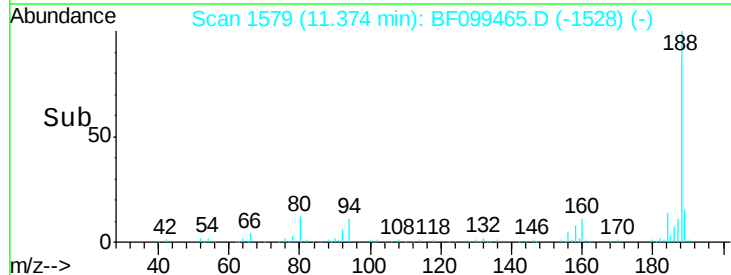
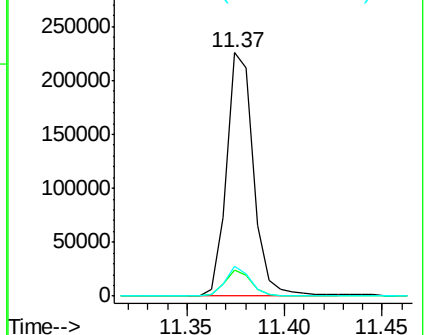
Tgt Ion:188	Resp:	216972
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	12.0	9.2 13.8



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

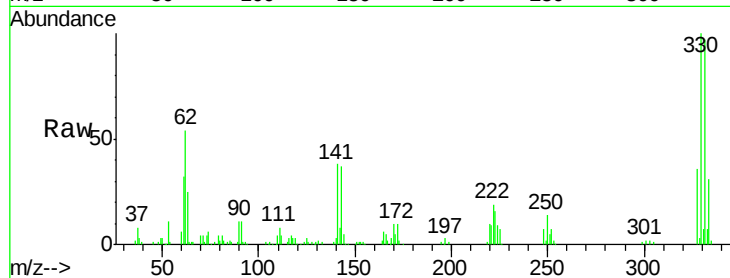




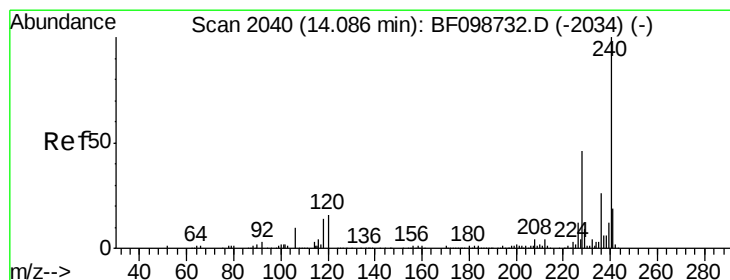
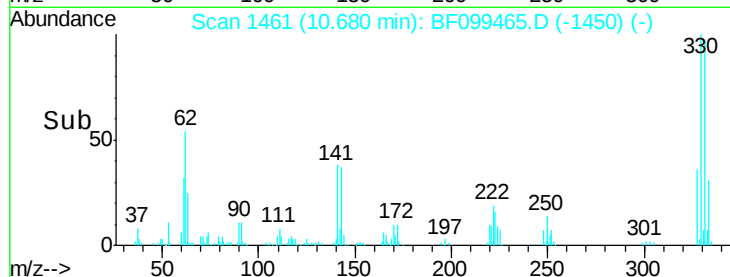
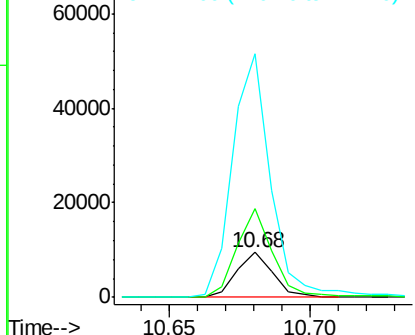
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8332
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 543.5 74.4 111.6#

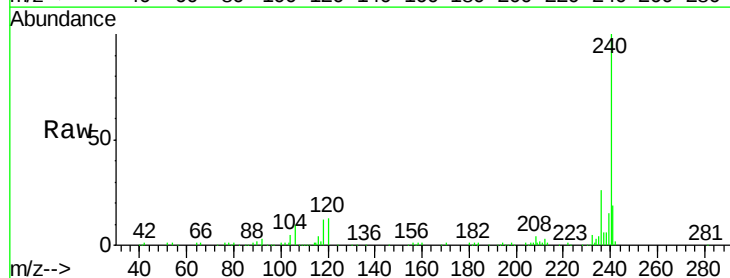


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

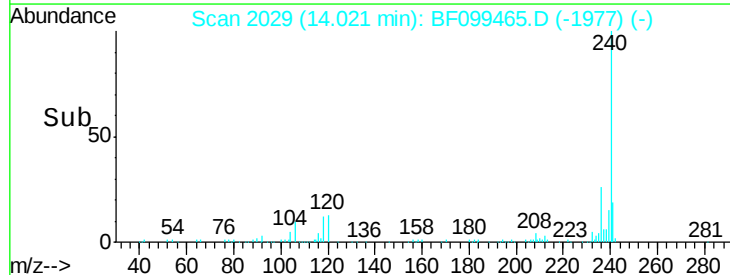
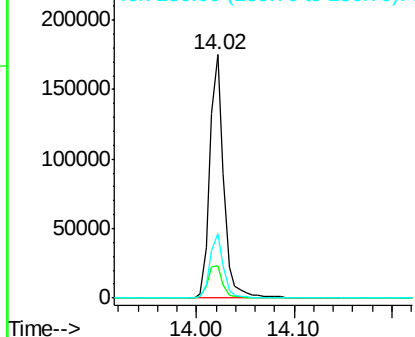


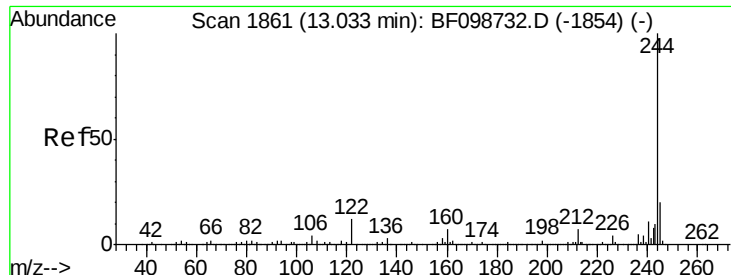
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Tgt Ion:240 Resp: 172045
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.2 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

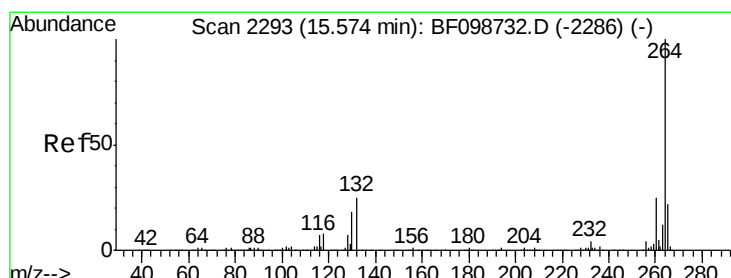
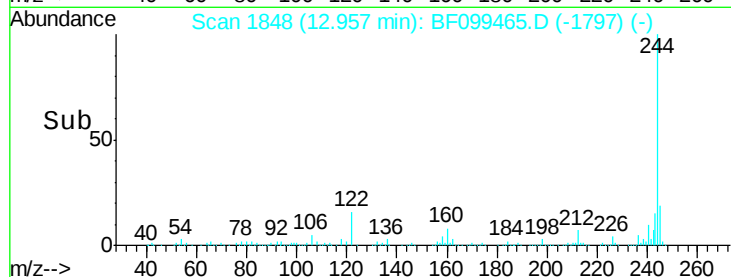
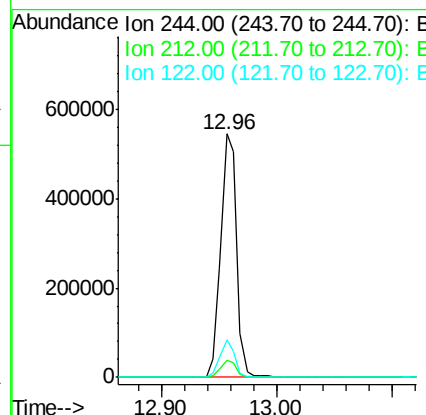
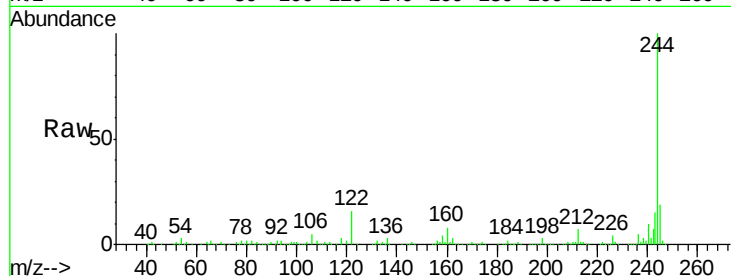




#78
 Terphenyl-d14
 Concen: 68.64 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 519242
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Tgt Ion:264 Resp: 189497
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.5 26.3

