

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099501.D
 Acq On : 15 Oct 2017 3:08
 Operator : SJ/JU
 Sample : PB103194TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 04:15:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

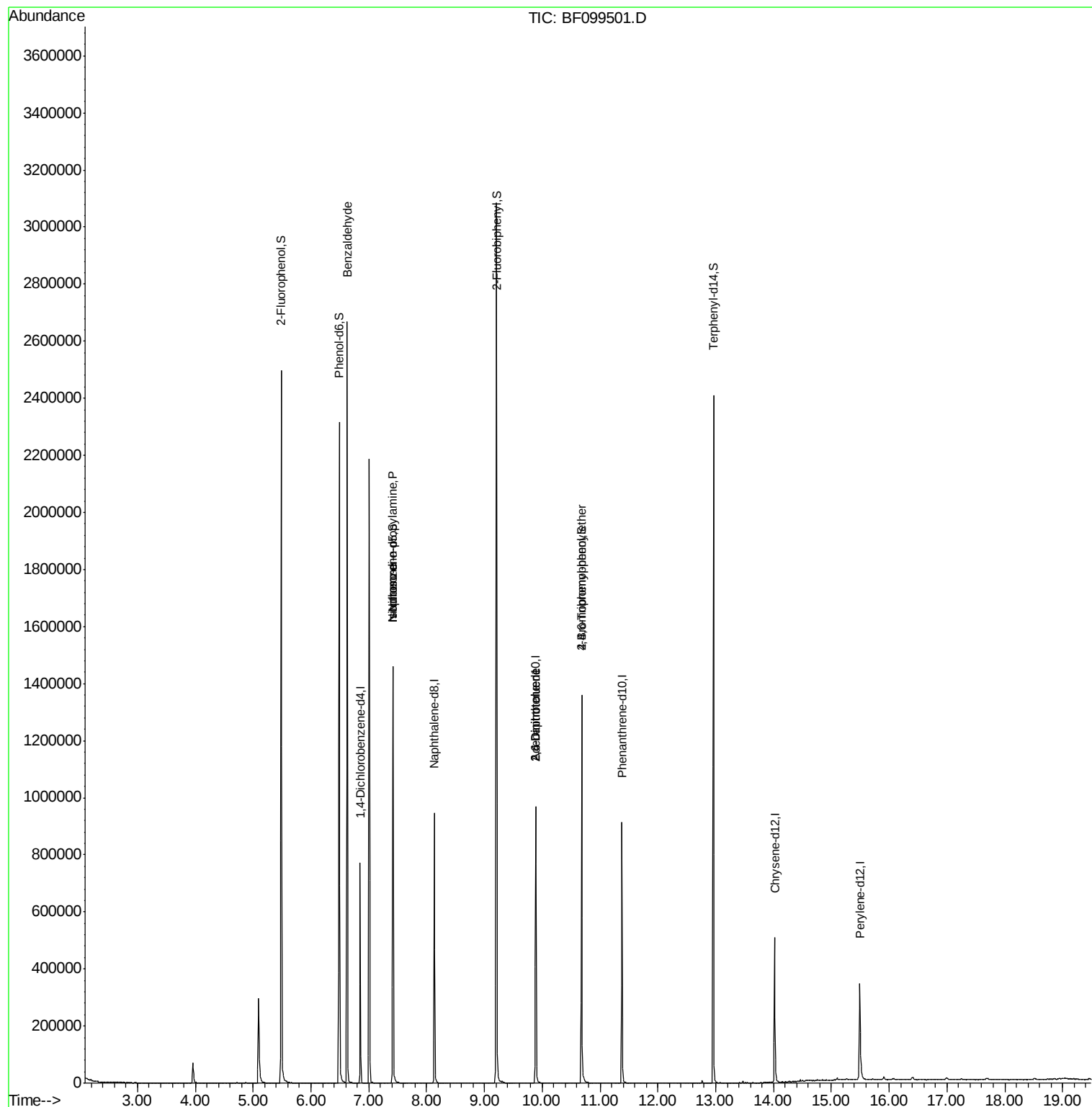
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105826	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443426	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198229	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	340365	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194921	20.00	ng	0.00
86) Perylene-d12	15.49	264	180872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	777941	117.02	ng	0.01
7) Phenol-d6	6.49	99	919228	112.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	563741	81.53	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	157520	97.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1052860	88.67	ng	0.00
78) Terphenyl-d14	12.96	244	828534	96.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15147	3.184	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	72840	13.912	ng	# 75
25) Isophorone	7.42	82	563736	39.434	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25285	7.763	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	25285	5.981	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	10274	3.084	ng	# 1

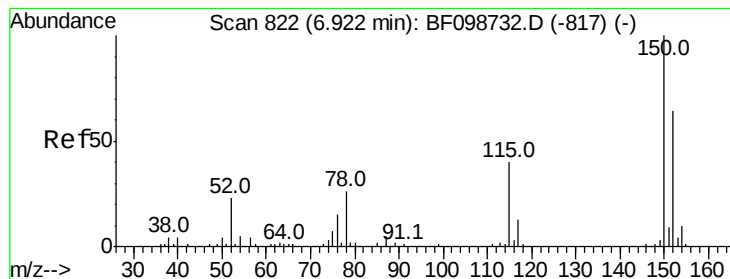
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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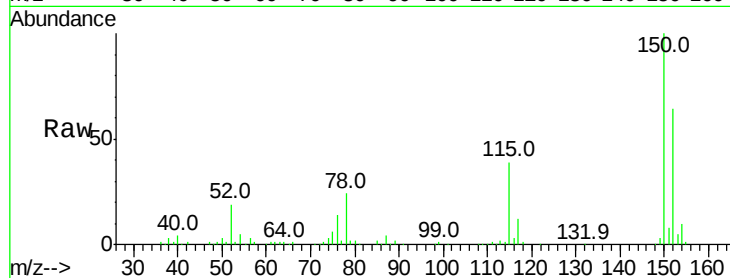


#1

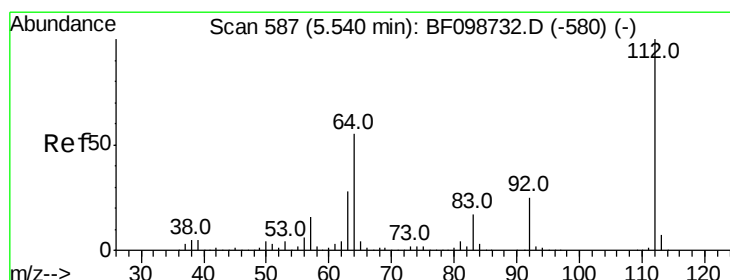
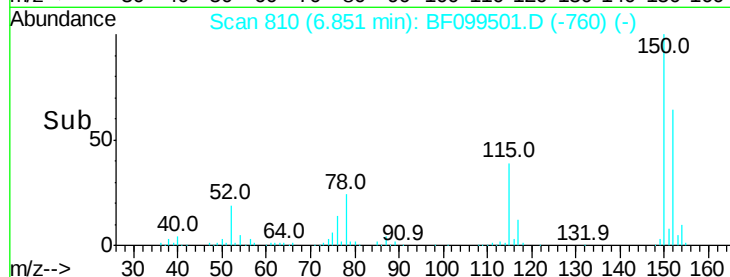
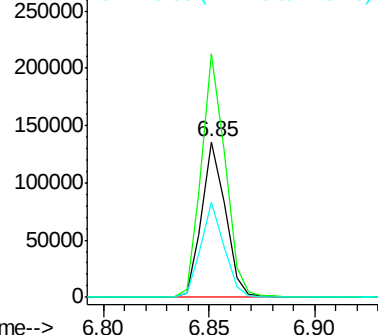
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105826
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.9 50.1 75.1



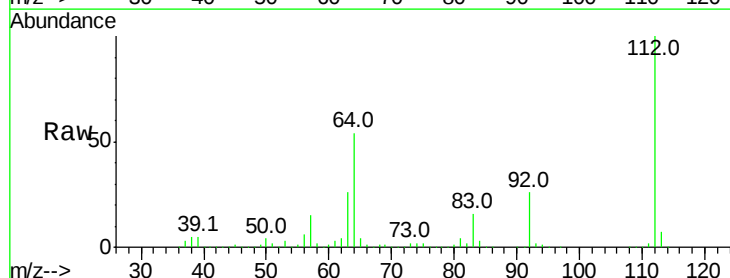
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



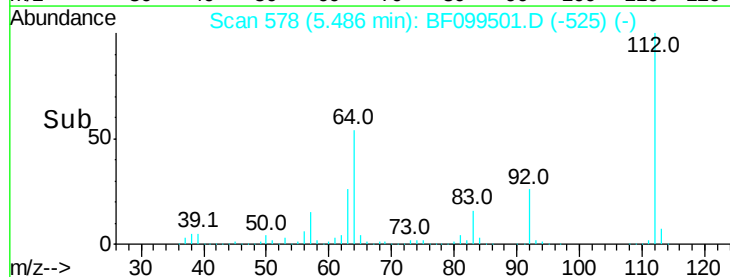
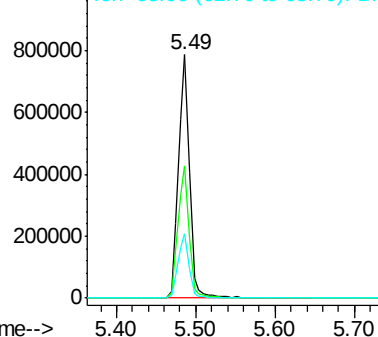
#5

2-Fluorophenol
Concen: 117.023 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Tgt Ion:112 Resp: 777941
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 26.2 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: 112.090 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

Instrument :

BNA_F

ClientSampleId :

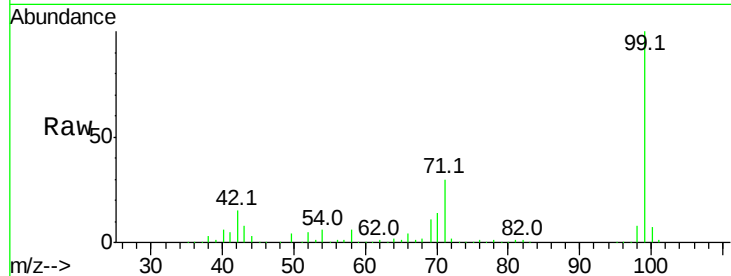
Tot Ion: 99 Resp: 919228

Ion Ratio Lower Upper

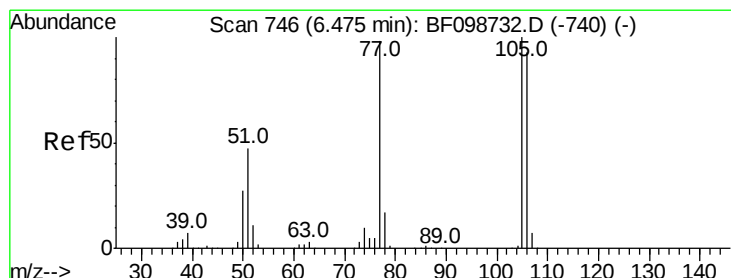
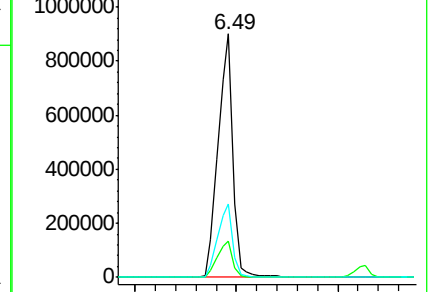
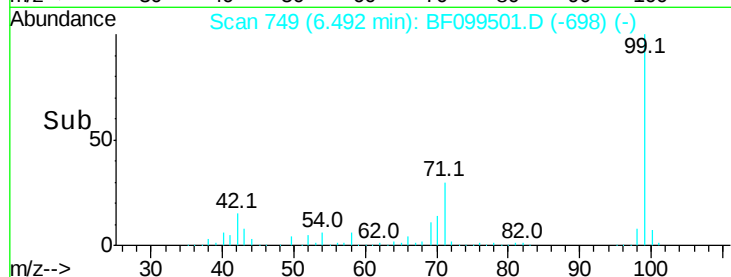
99 100

42 14.7 14.5 21.7

71 30.3 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: 3.184 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

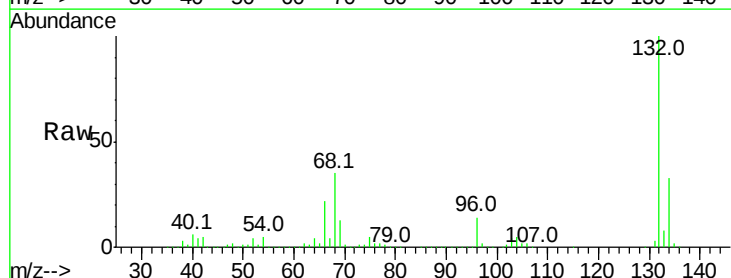
Tgt Ion: 77 Resp: 15147

Ion Ratio Lower Upper

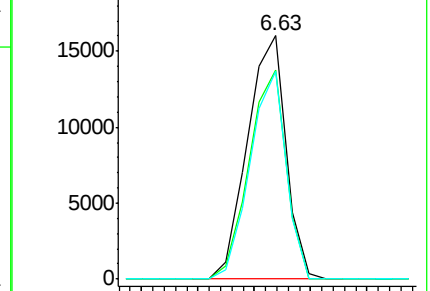
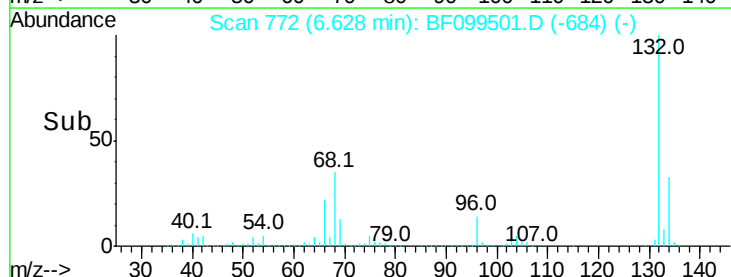
77 100

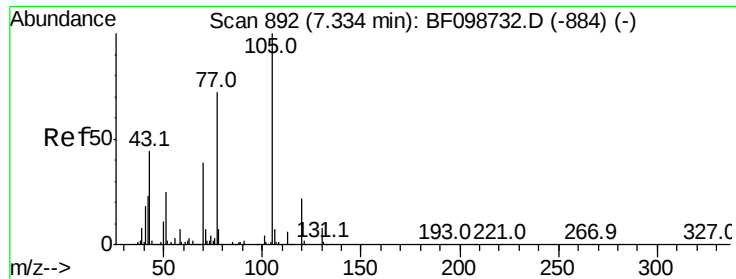
105 86.0 81.1 121.1

106 85.5 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

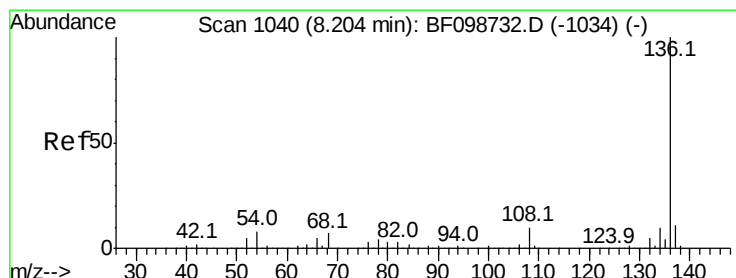
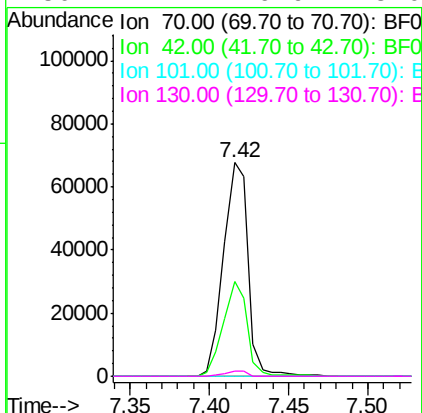
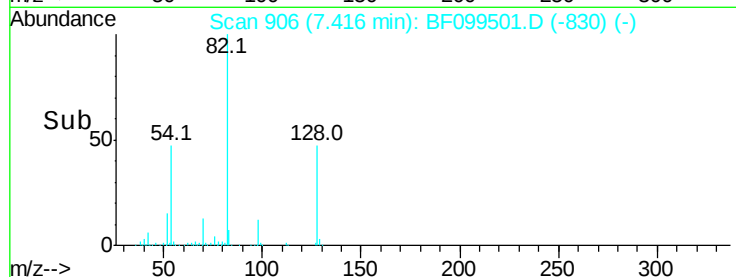
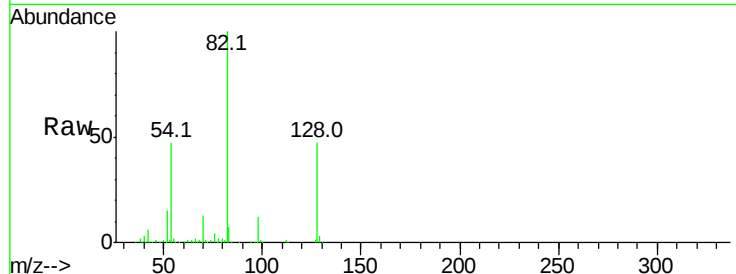




#19
n-Nitroso-di-n-propylamine
Concen: 13.912 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

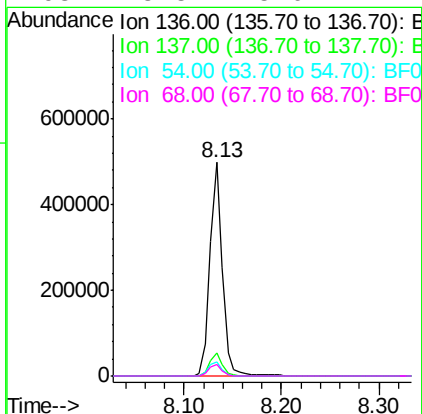
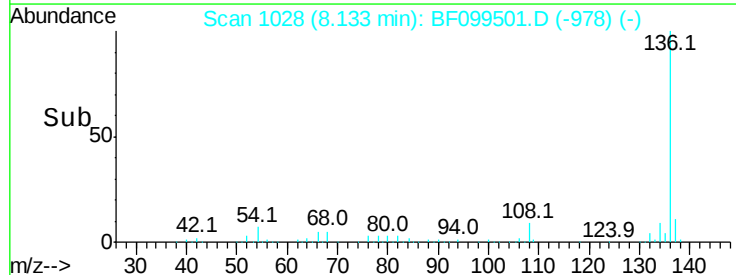
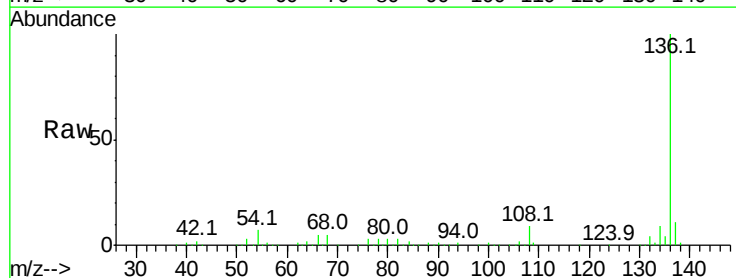
Instrument :
BNA_F
ClientSampleId :

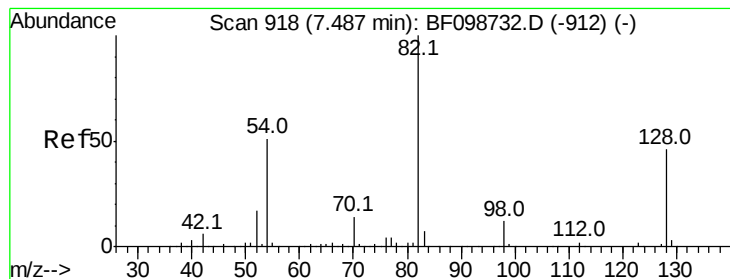
Tot Ion: 70 Resp: 72840
Ion Ratio Lower Upper
70 100
42 44.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Tgt Ion:136 Resp: 443426
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.531 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

Instrument :

BNA_F

ClientSampleId :

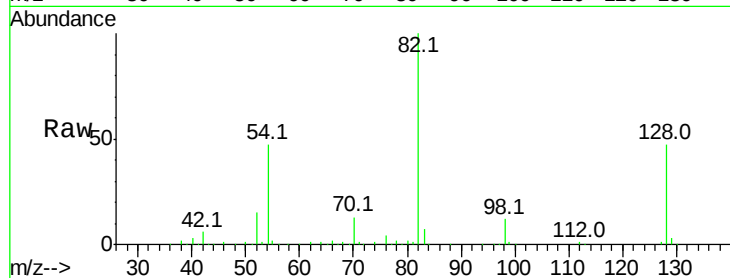
Tot Ion: 82 Resp: 563741

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

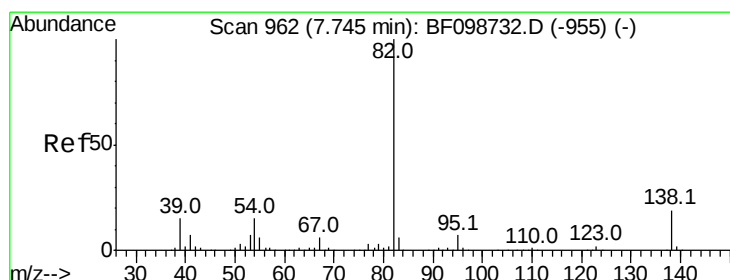
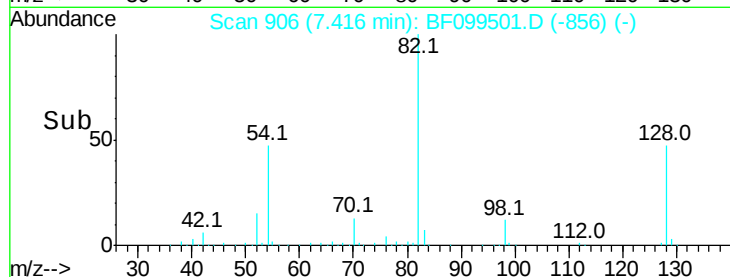
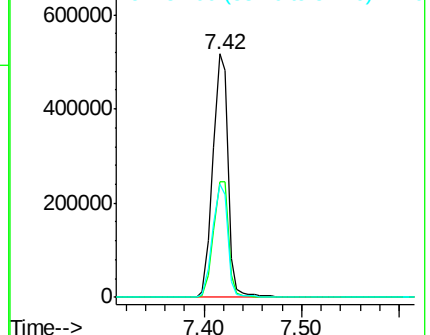
54 46.5 41.4 62.2



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: 39.434 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

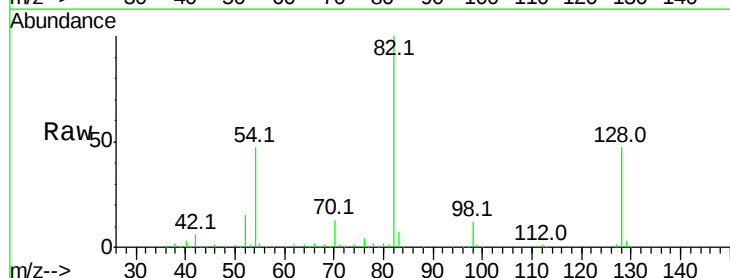
Tgt Ion: 82 Resp: 563736

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

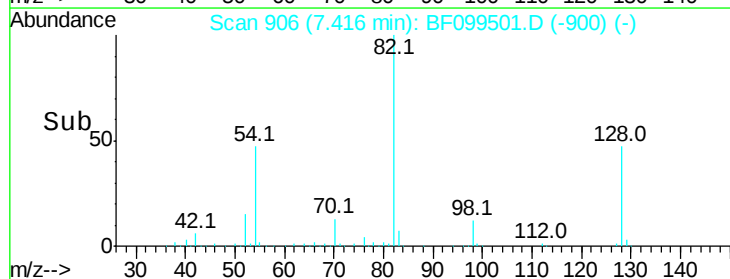
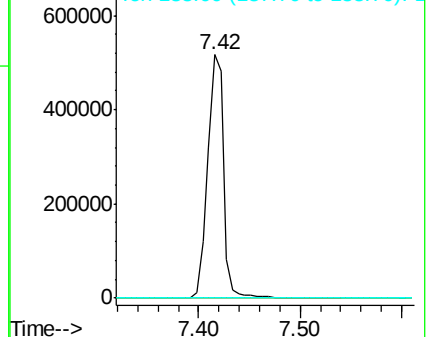
138 0.0 14.9 22.3#



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

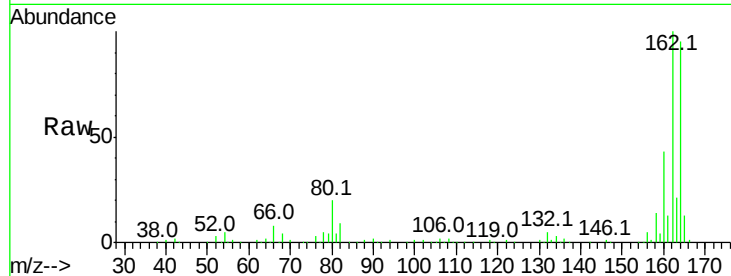




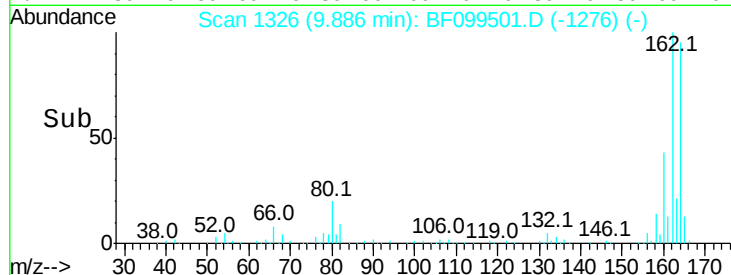
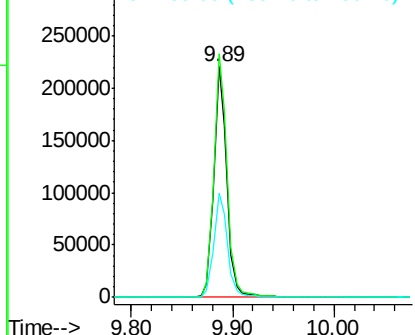
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198229
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 45.1 38.3 57.5

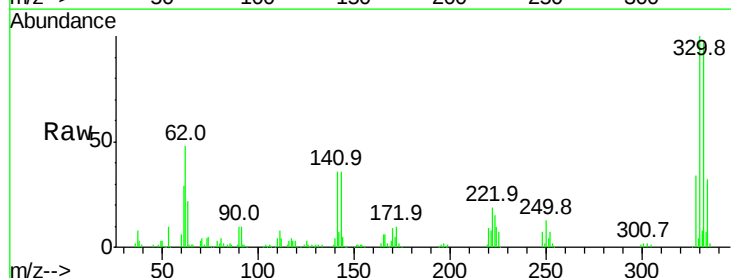


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

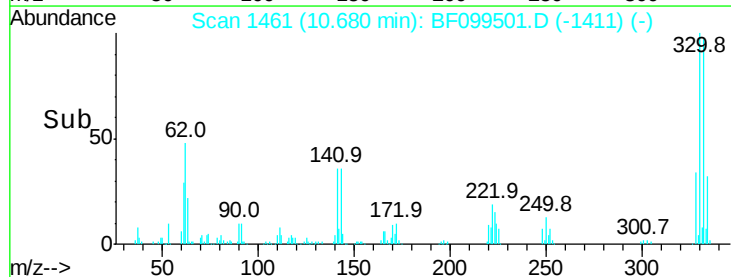
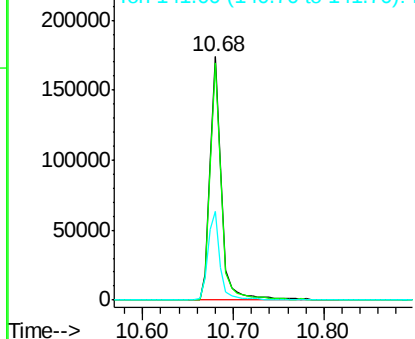


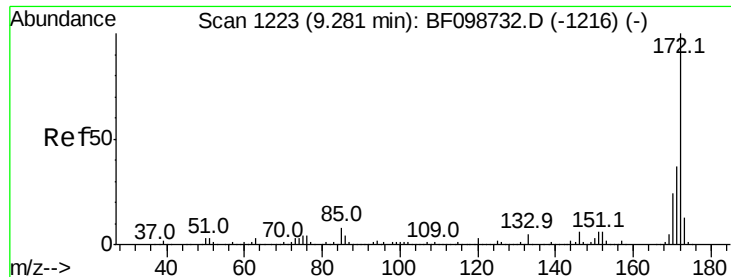
#41
2,4,6-Tribromophenol
Concen: 97.112 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Tgt Ion:330 Resp: 157520
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 38.9 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



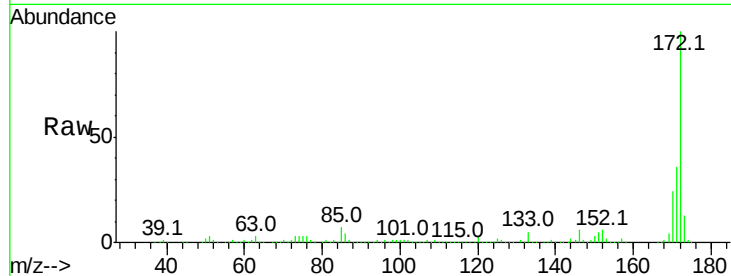


#44
 2-Fluorobiphenyl
 Concen: 88.668 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

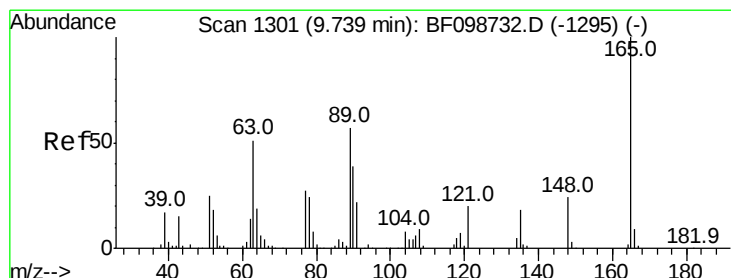
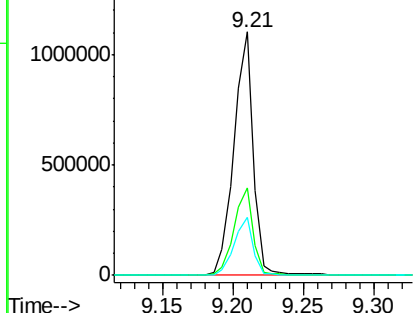
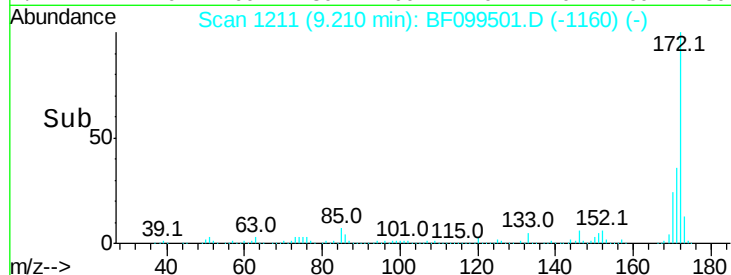
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1052860

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



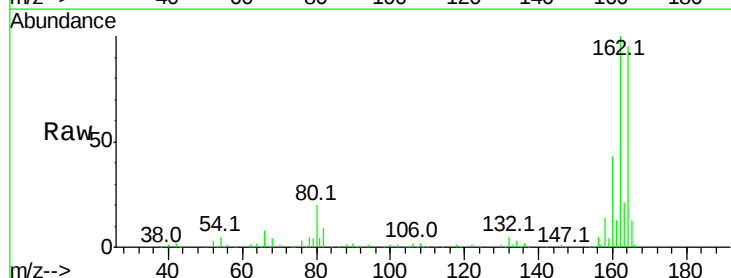
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



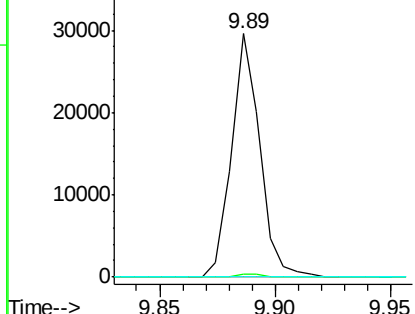
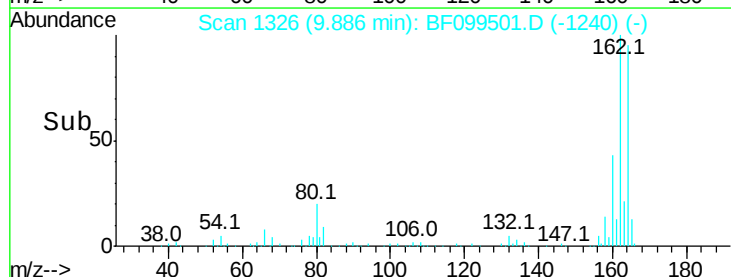
#50
 2,6-Dinitrotoluene
 Concen: 7.763 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

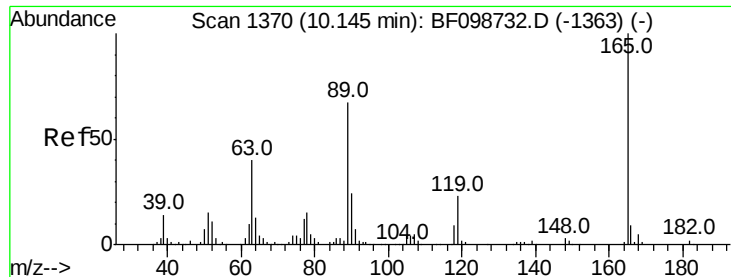
Tgt Ion:165 Resp: 25285

Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

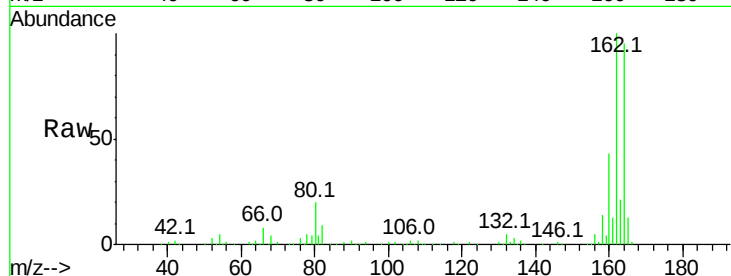




#56
 2,4-Dinitrotoluene
 Concen: 5.981 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	25285
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

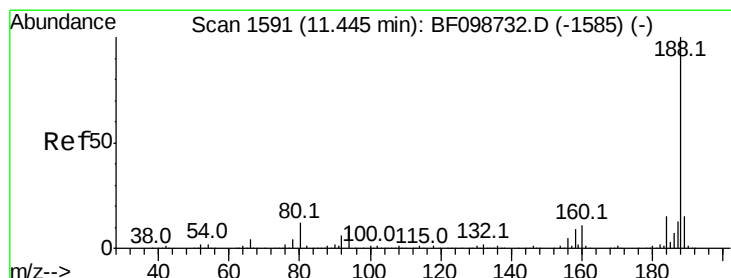
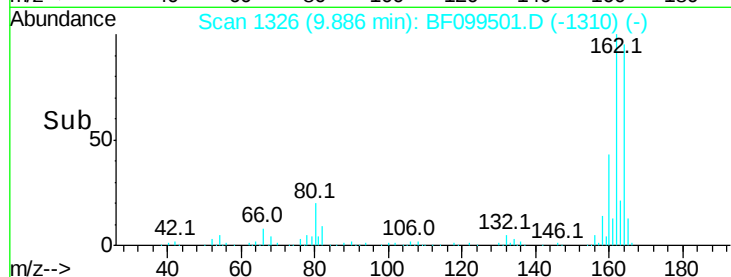
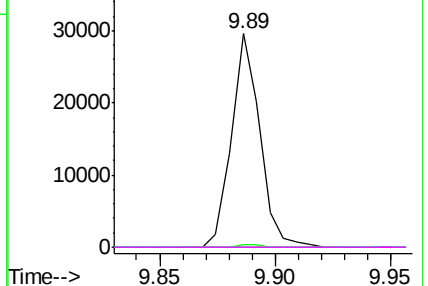


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

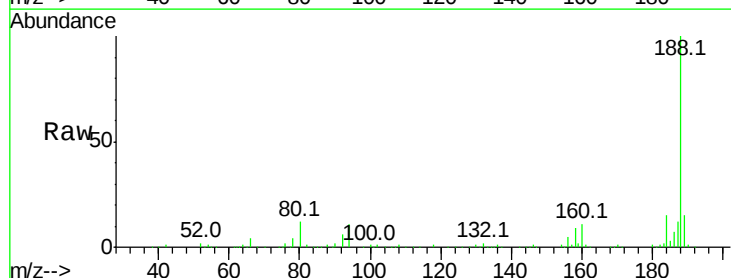
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

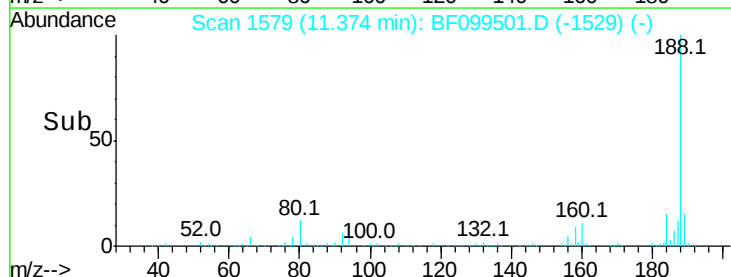
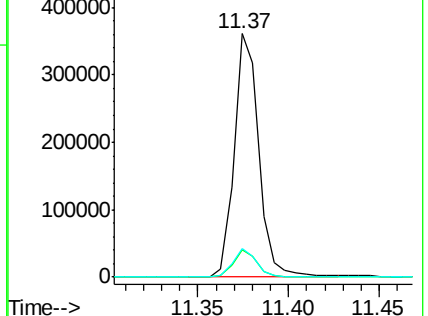
Tgt Ion:188	Resp:	340365
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.5 12.7
80	11.9	9.2 13.8

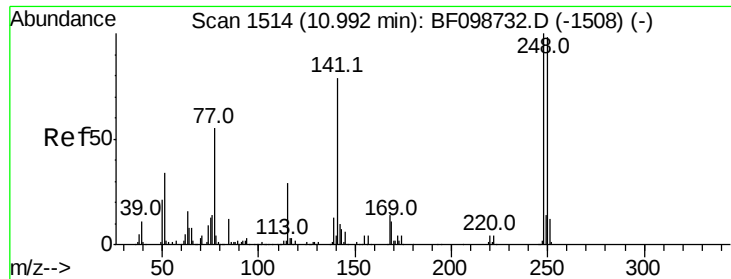


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

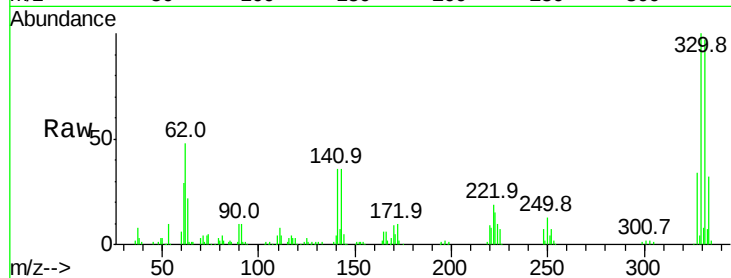




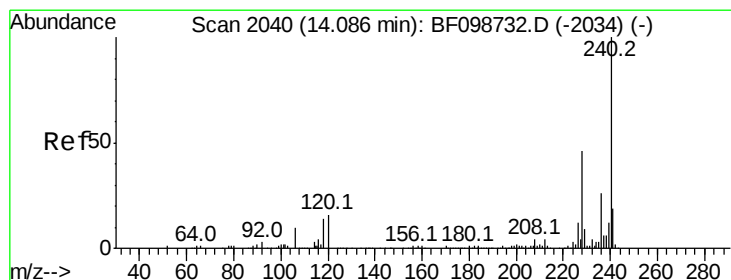
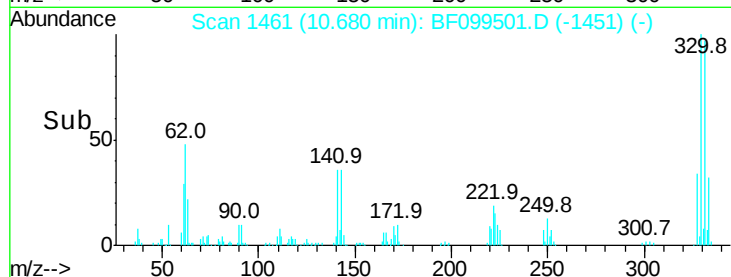
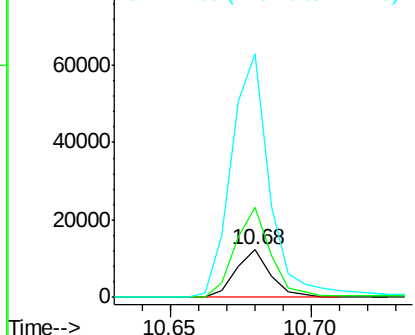
#66
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10274
Ion Ratio Lower Upper
248 100
250 189.8 76.9 115.3#
141 515.1 74.4 111.6#

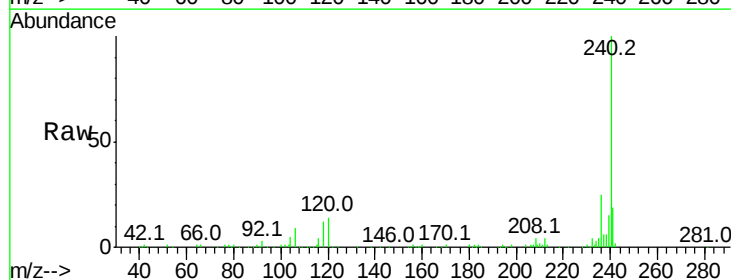


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

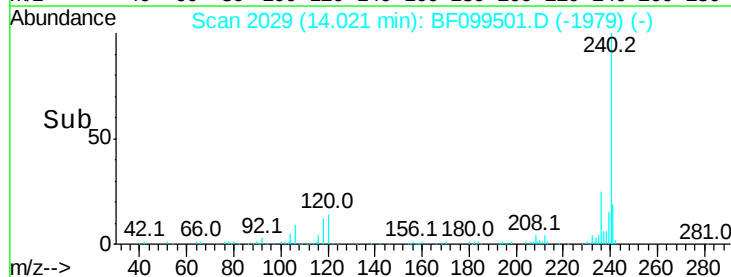
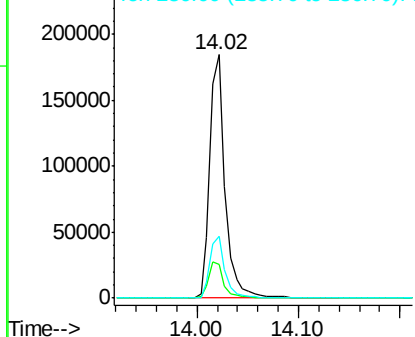


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Tgt Ion:240 Resp: 194921
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.5 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: 96.668 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

Instrument :

BNA_F

ClientSampleId :

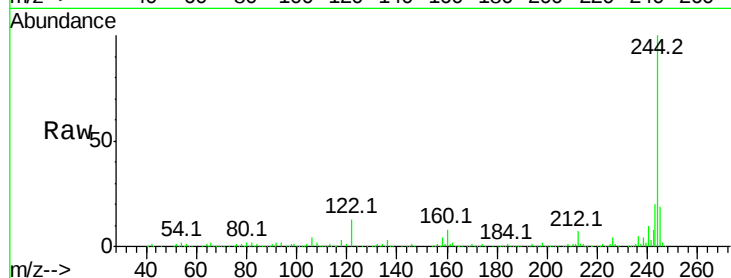
Tot Ion:244 Resp: 828534

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

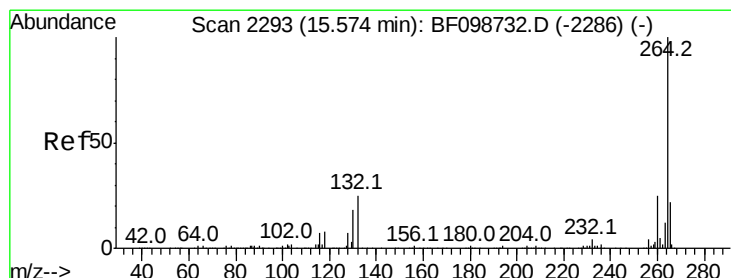
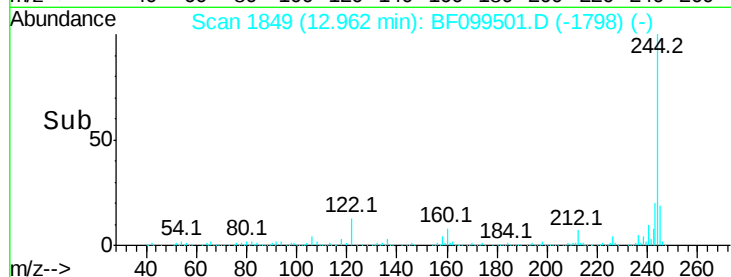
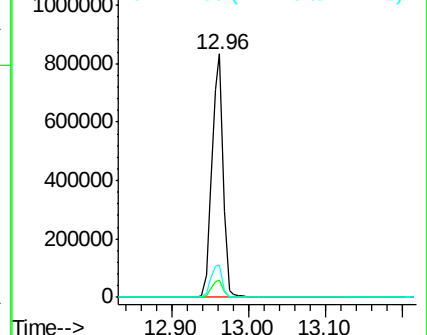
122 13.3 11.0 16.4



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: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

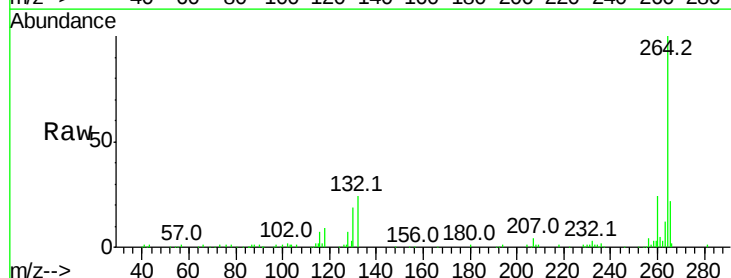
Tgt Ion:264 Resp: 180872

Ion Ratio Lower Upper

264 100

260 24.1 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

