

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099107.D
 Acq On : 5 Oct 2017 17:02
 Operator : SJ/JU
 Sample : I5610-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:40:43 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

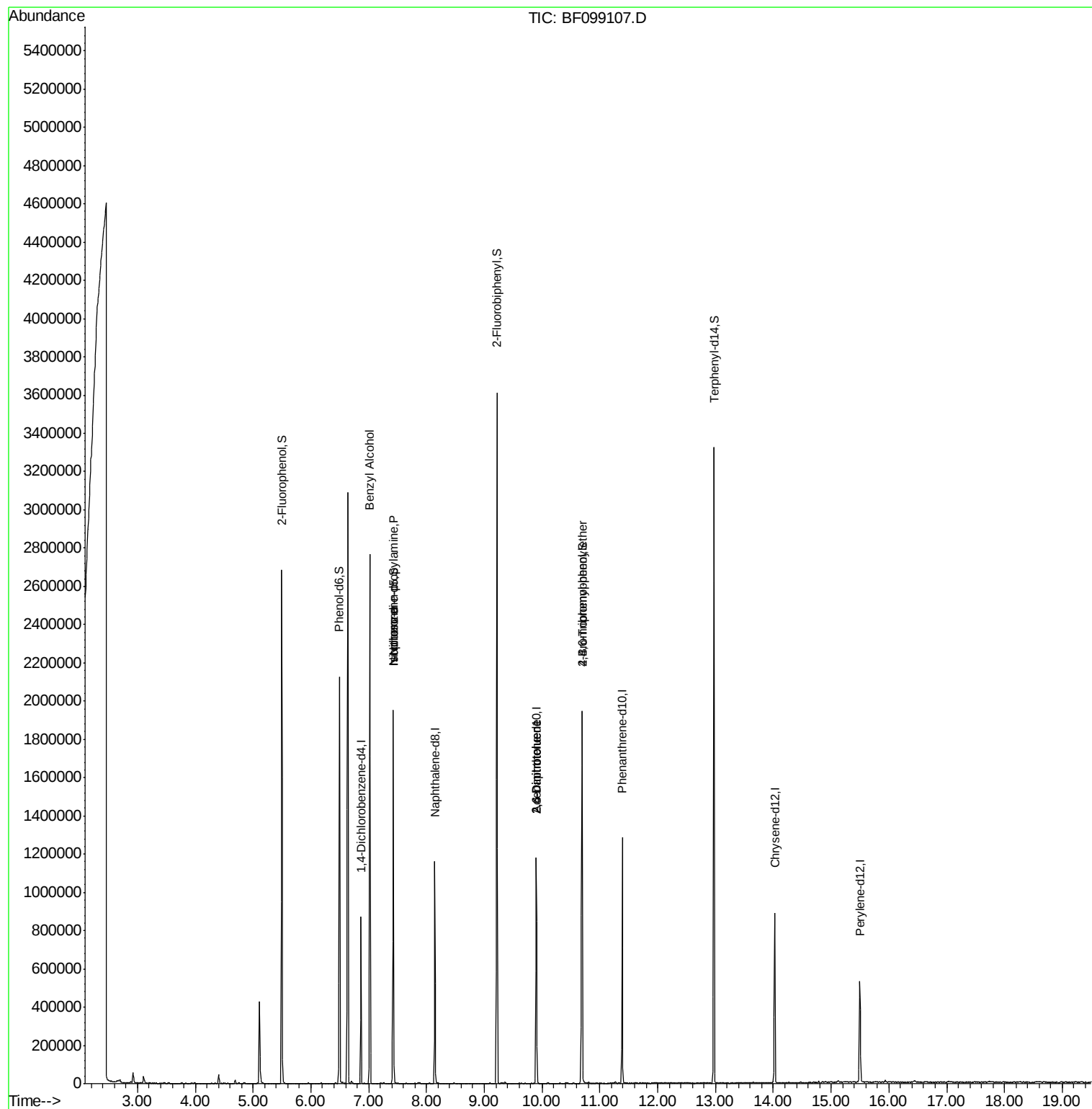
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121059	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	500758	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226048	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	410081	20.00	ng	0.00
75) Chrysene-d12	14.03	240	308114	20.00	ng	0.00
86) Perylene-d12	15.50	264	228019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	823878	108.34	ng	0.02
7) Phenol-d6	6.50	99	860144	91.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	719209	92.11	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	245428	132.69	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1250308	92.34	ng	0.00
78) Terphenyl-d14	12.97	244	1140106	84.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.02	79	15745	2.288	ng	# 42
19) n-Nitroso-di-n-propylamine	7.43	70	92771	15.489	ng	# 74
25) Isophorone	7.43	82	719203	44.549	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	28751	7.741	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	28751	5.964	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	17401	4.335	ng	# 1

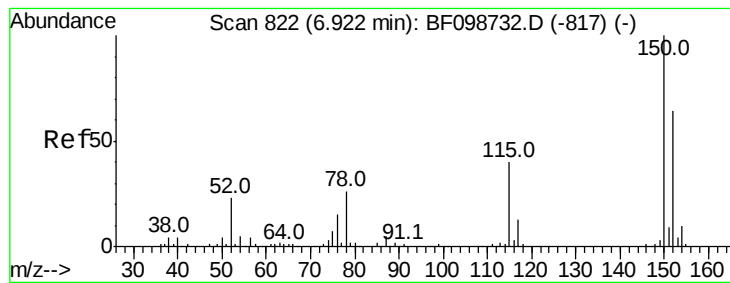
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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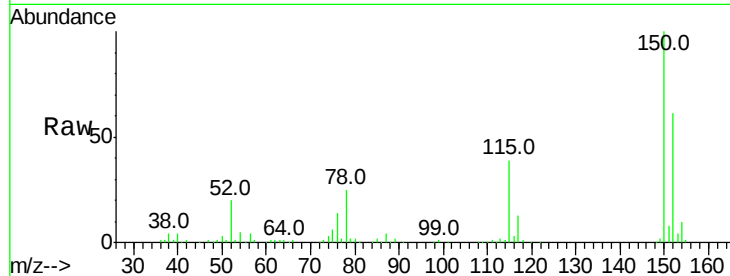


#1

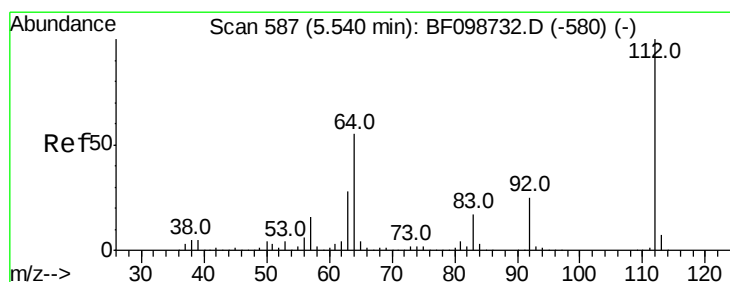
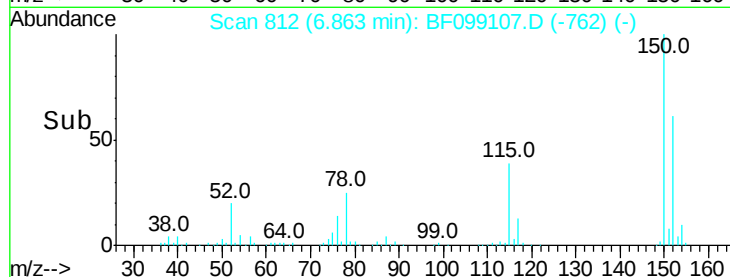
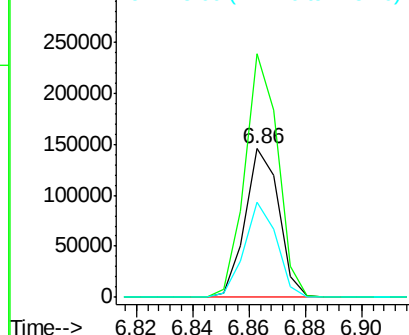
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 121059
 Ion Ratio Lower Upper
 152 100
 150 163.8 124.6 186.8
 115 63.9 50.1 75.1



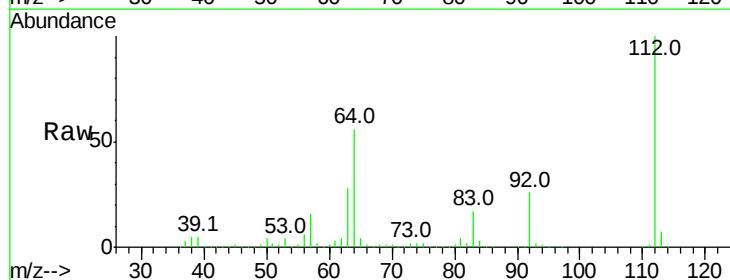
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



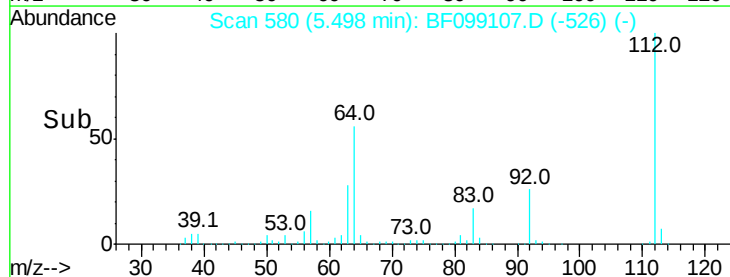
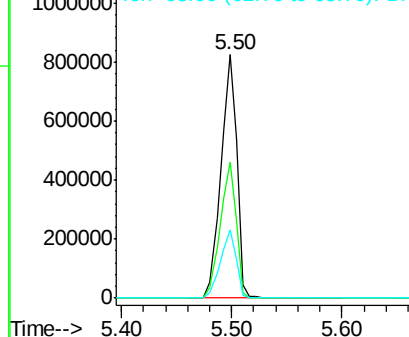
#5

2-Fluorophenol
 Concen: 108.338 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:112 Resp: 823878
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.9 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: 91.688 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099107.D

Acq: 5 Oct 2017 17:02

Instrument :

BNA_F

ClientSampleId :

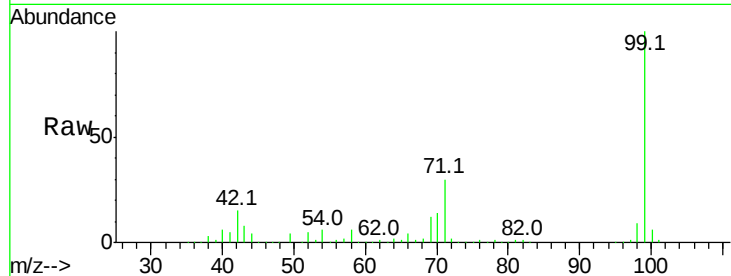
Tot Ion: 99 Resp: 860144

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

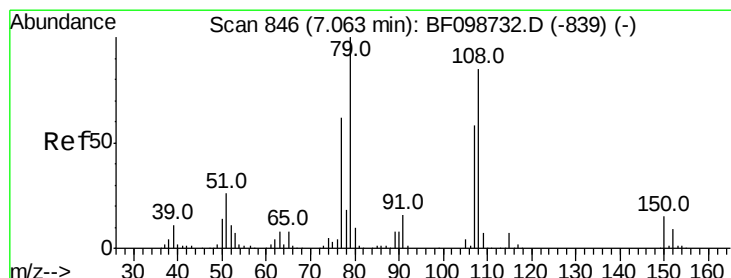
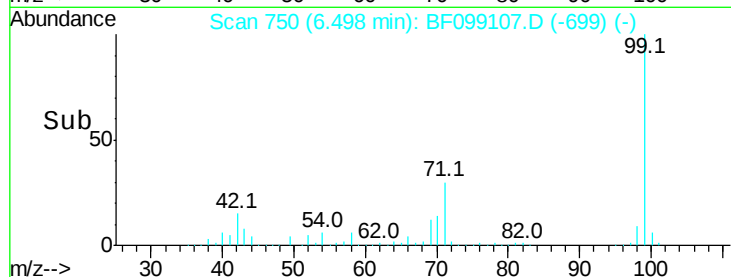
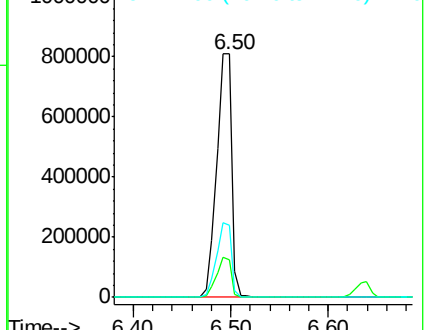
71 29.8 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.288 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF099107.D

Acq: 5 Oct 2017 17:02

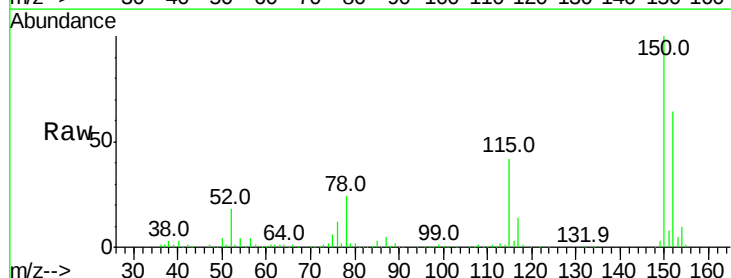
Tgt Ion: 79 Resp: 15745

Ion Ratio Lower Upper

79 100

108 38.2 65.1 97.7#

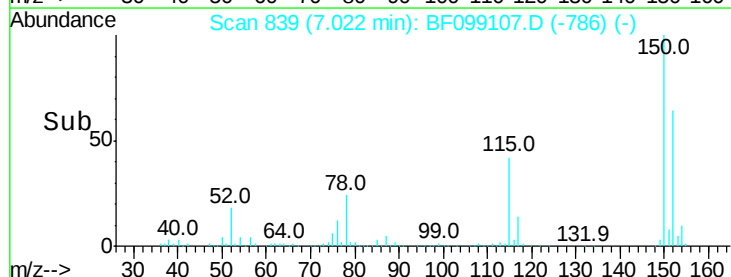
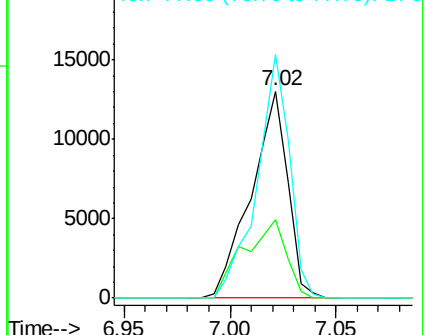
77 117.7 50.6 75.8#

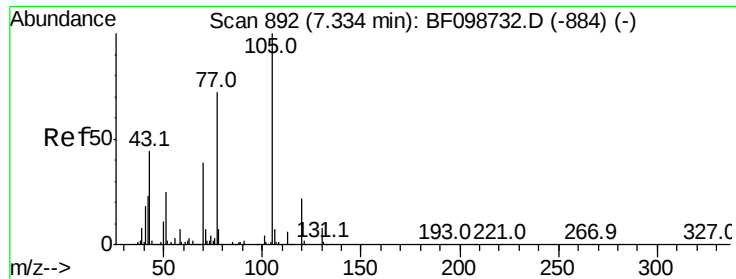


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

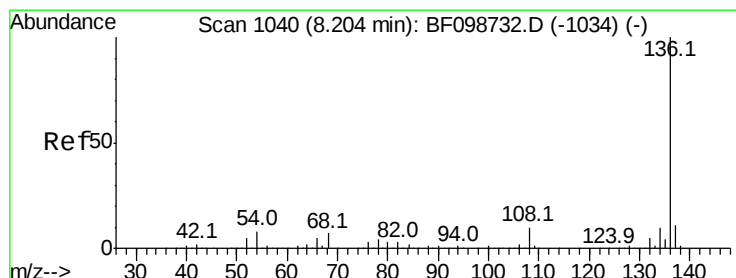
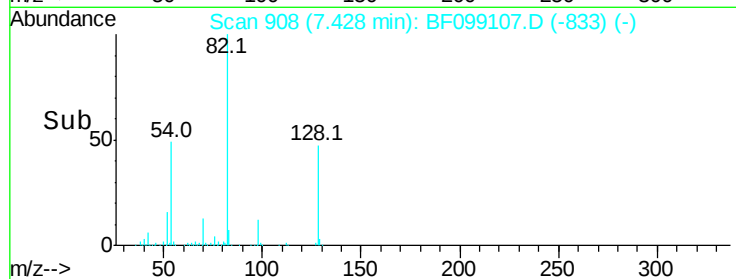
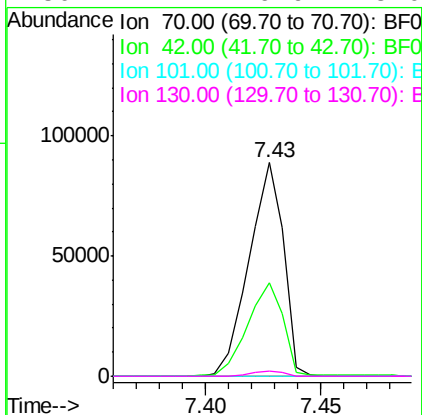
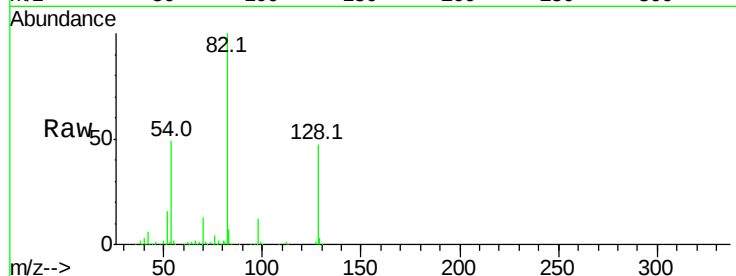




#19
n-Nitroso-di-n-propylamine
Concen: 15.489 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

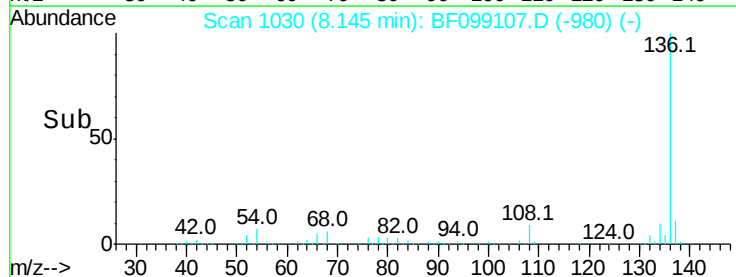
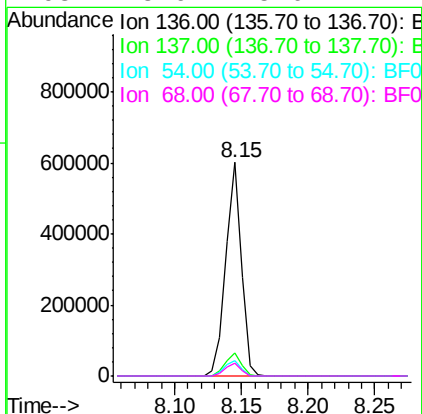
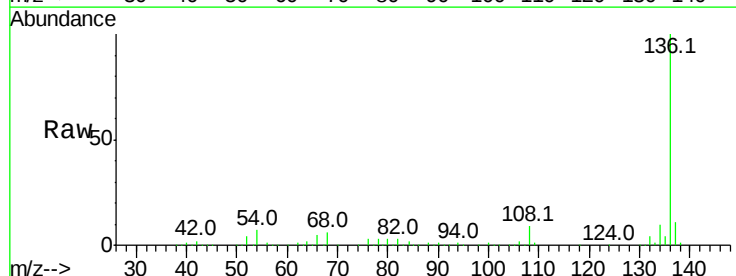
Instrument :
BNA_F
ClientSampled :

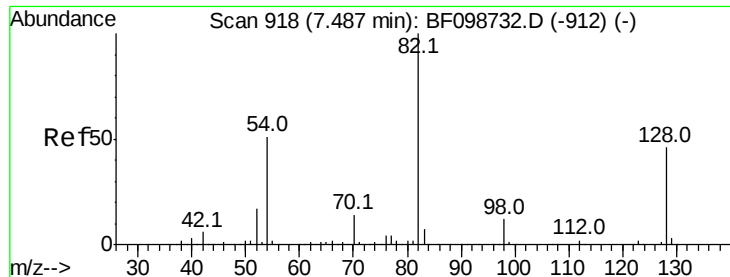
Tot Ion: 70 Resp: 92771
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

Tgt Ion: 136 Resp: 500758
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.6 9.8
68 5.9 5.0 7.4

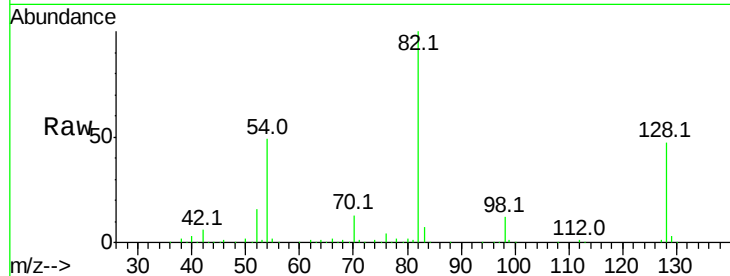




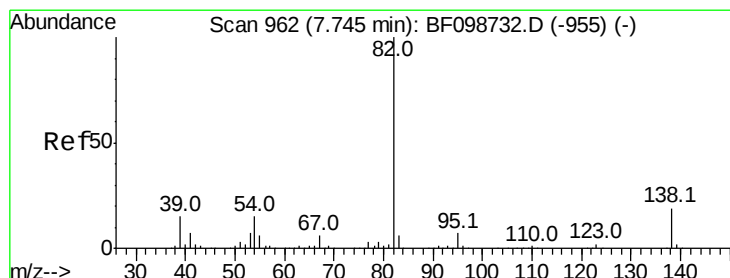
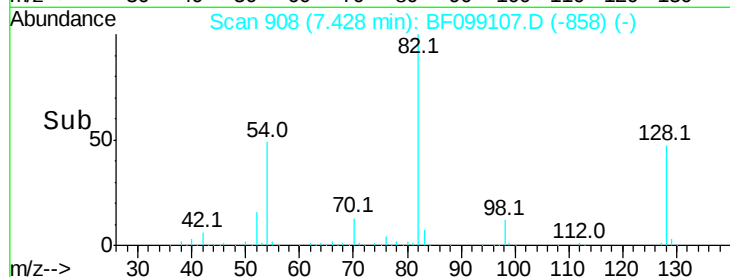
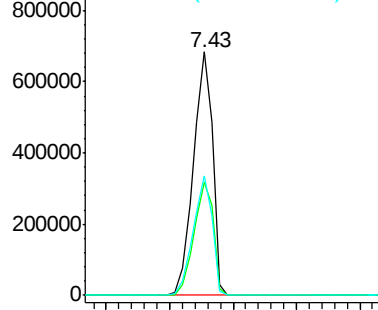
#23
 Nitrobenzene-d5
 Concen: 92.106 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	719209
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	48.9	41.4	62.2

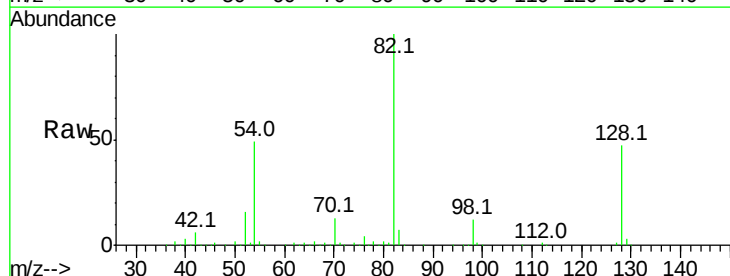


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

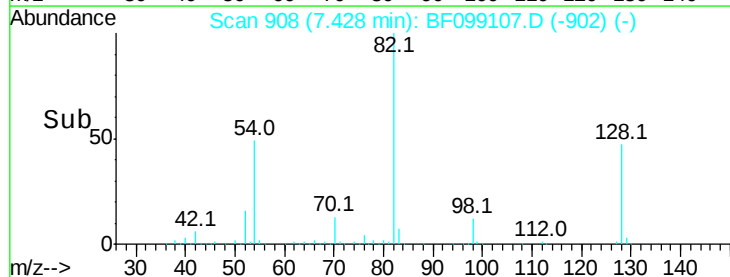
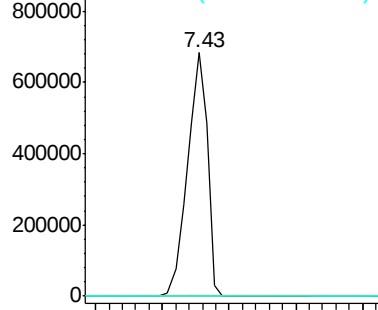


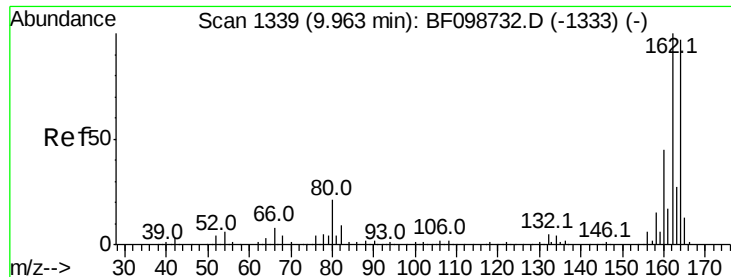
#25
 Isophorone
 Concen: 44.549 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion	82	Resp	719203
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

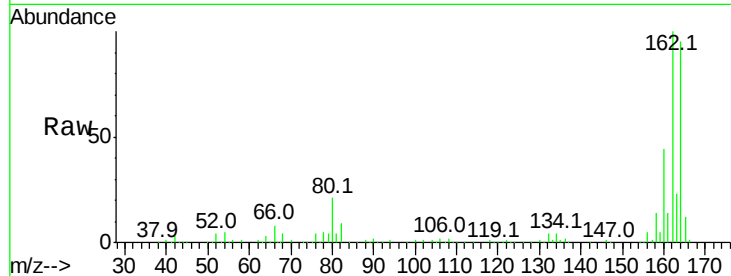




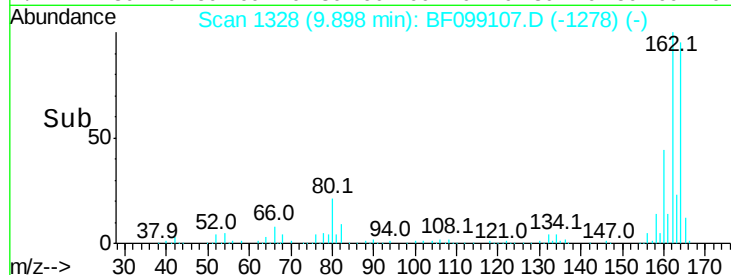
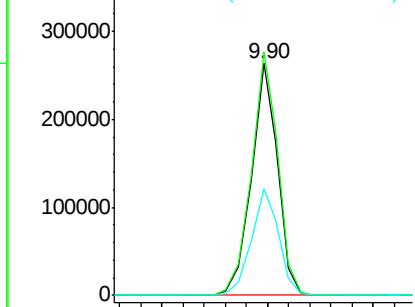
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 226048
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.0 38.3 57.5

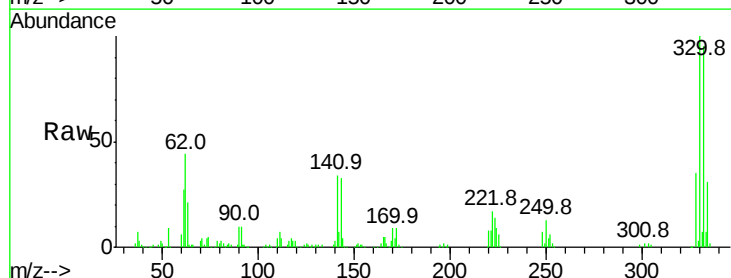


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

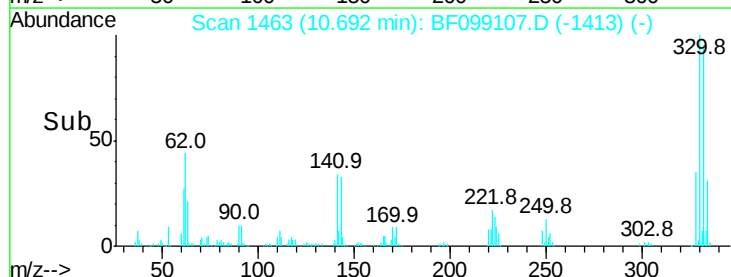
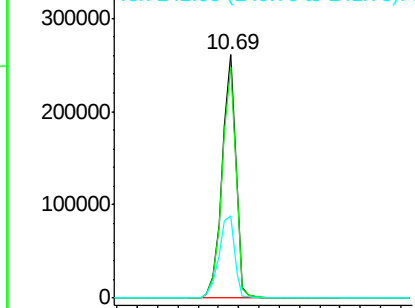


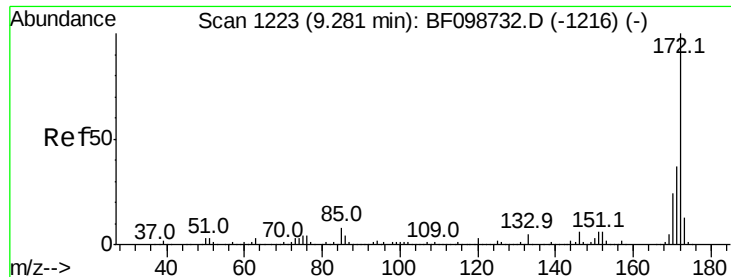
#41
2,4,6-Tribromophenol
Concen: 132.686 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099107.D
Acq: 5 Oct 2017 17:02

Tgt Ion:330 Resp: 245428
Ion Ratio Lower Upper
330 100
332 95.7 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



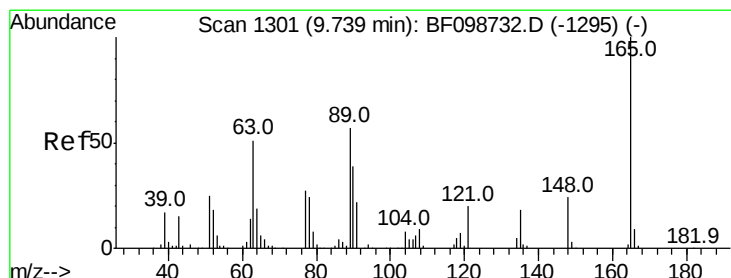
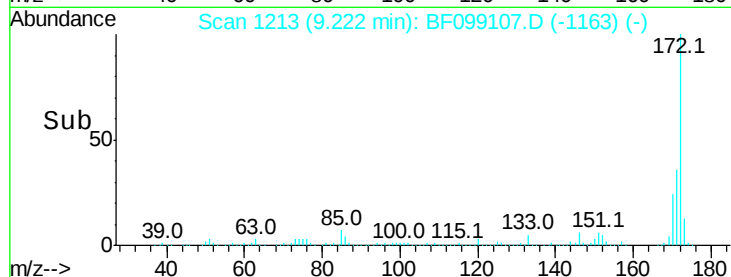
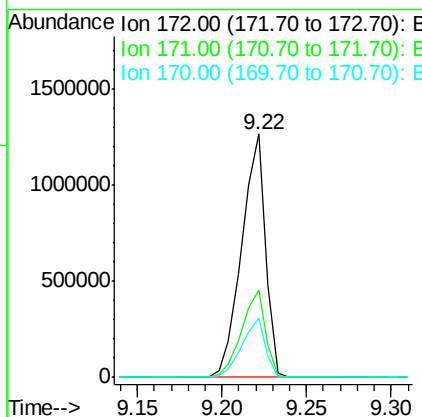
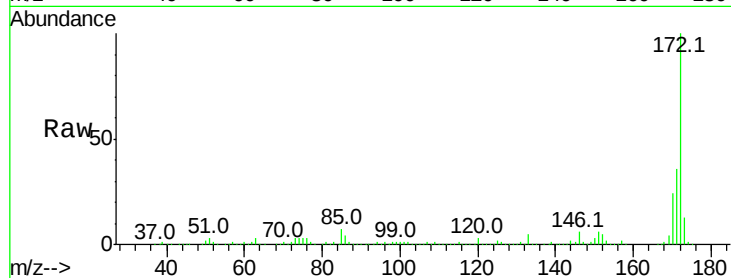


#44
 2-Fluorobiphenyl
 Concen: 92.338 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1250308

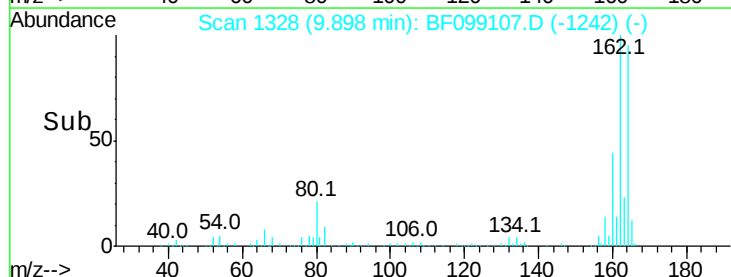
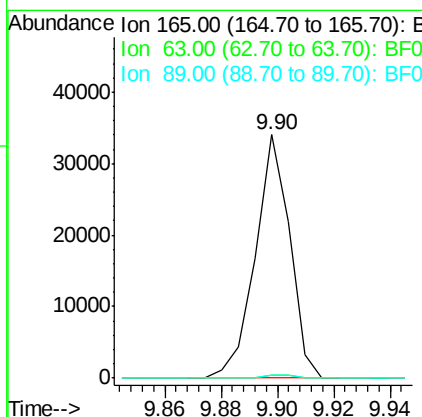
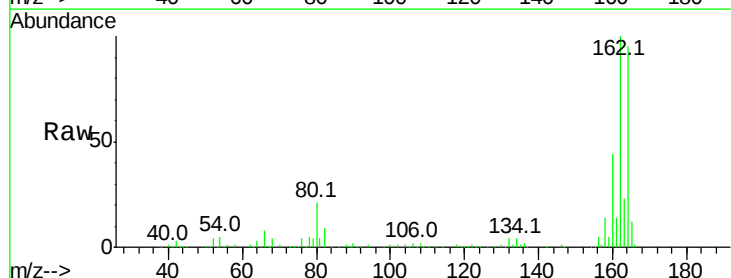
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.741 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:165 Resp: 28751

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#

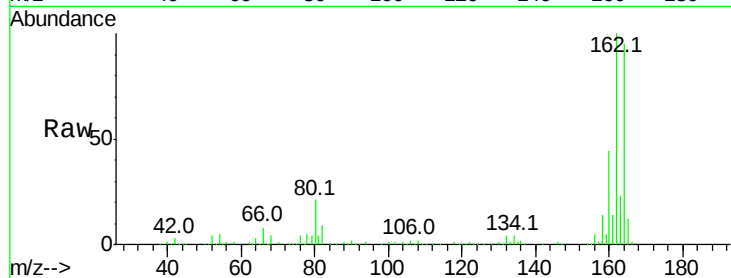




#56
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

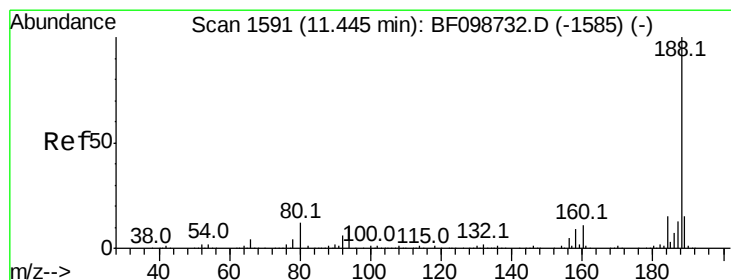
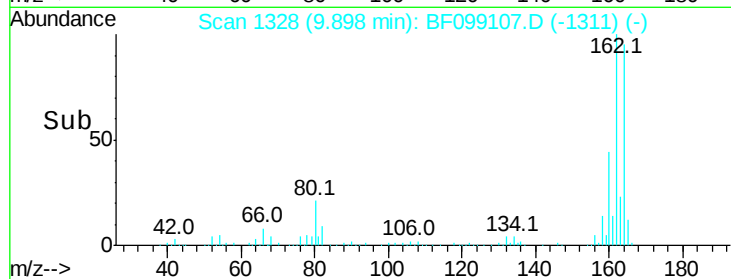
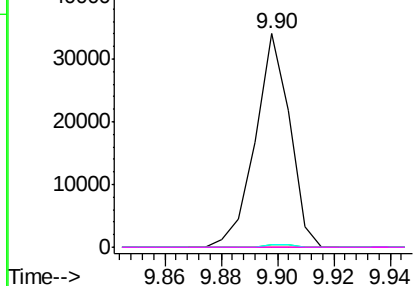


Abundance Ion 165.00 (164.70 to 165.70): E

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



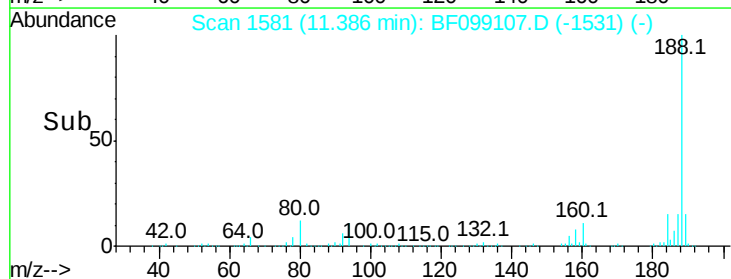
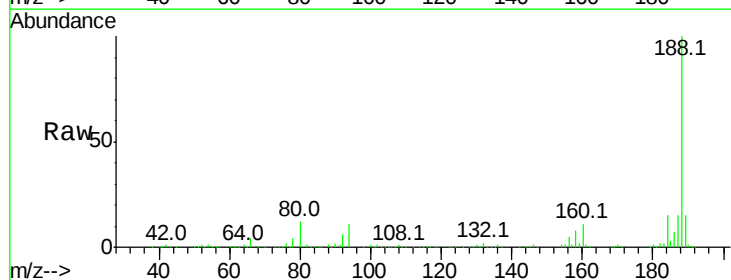
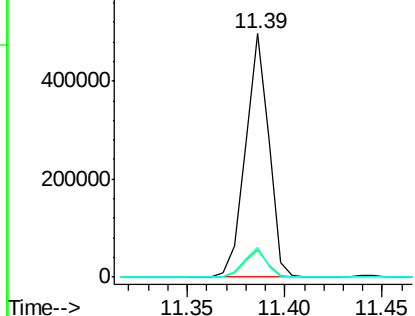
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

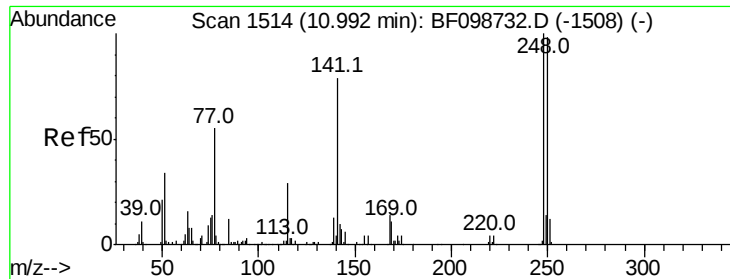
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8

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

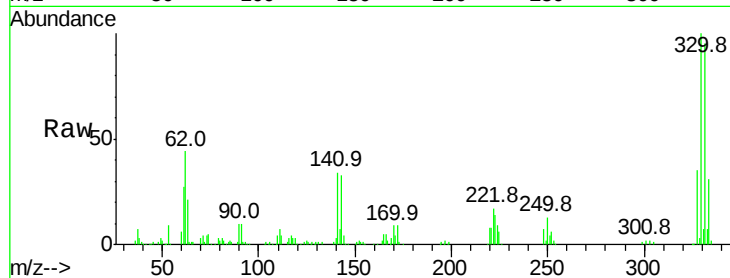




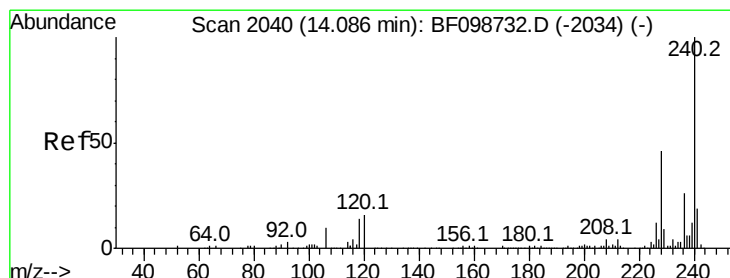
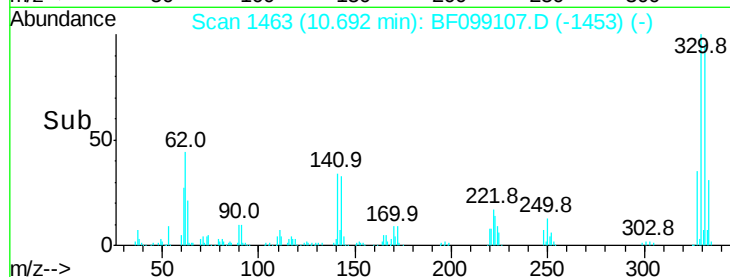
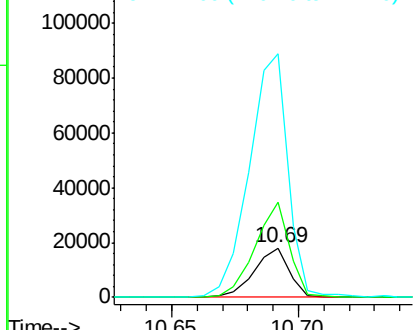
#66
 4-Bromophenyl-phenylether
 Concen: 4.335 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17401
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.9 115.3#
 141 493.3 74.4 111.6#

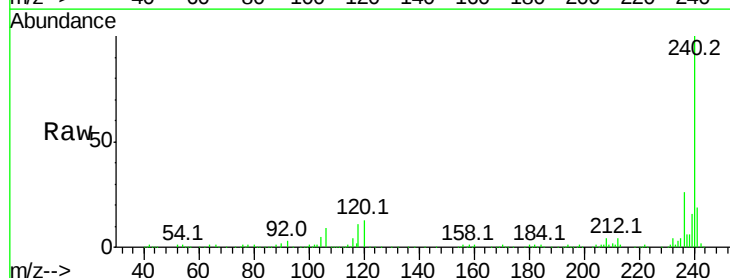


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

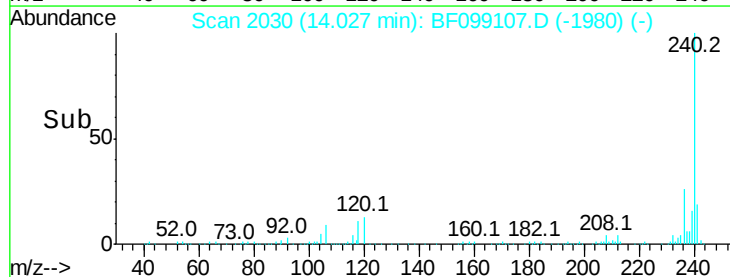
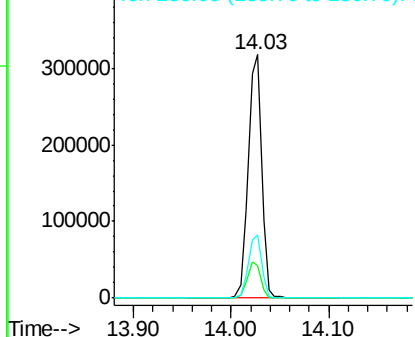


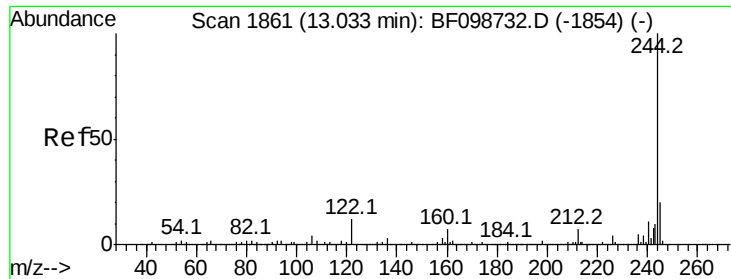
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:240 Resp: 308114
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 26.0 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

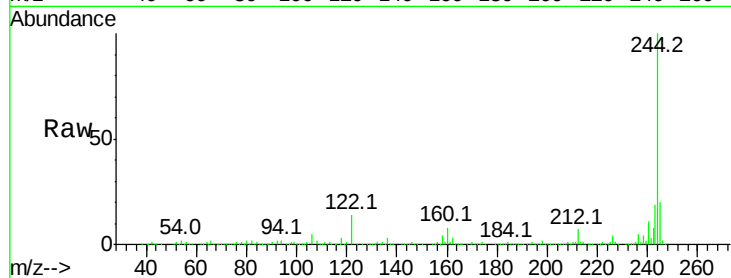




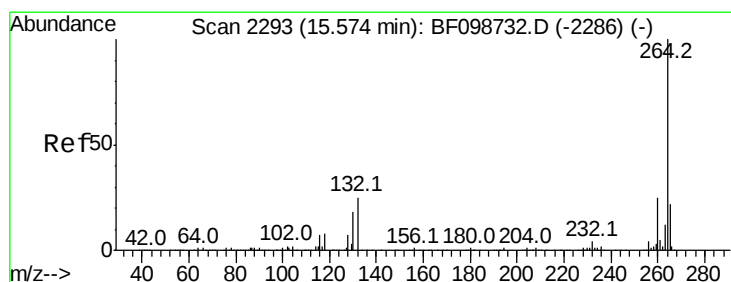
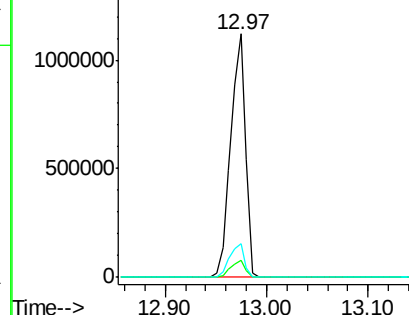
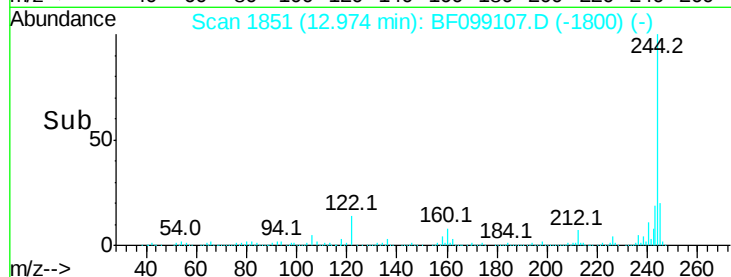
#78
 Terphenyl-d14
 Concen: 84.152 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1140106
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.6 11.0 16.4

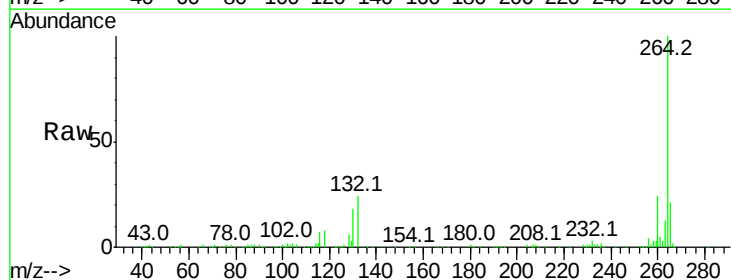


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099107.D
 Acq: 5 Oct 2017 17:02

Tgt Ion:264 Resp: 228019
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 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

