

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099139.D
 Acq On : 6 Oct 2017 10:44
 Operator : SJ/JU
 Sample : PB102898TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 14:31:24 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

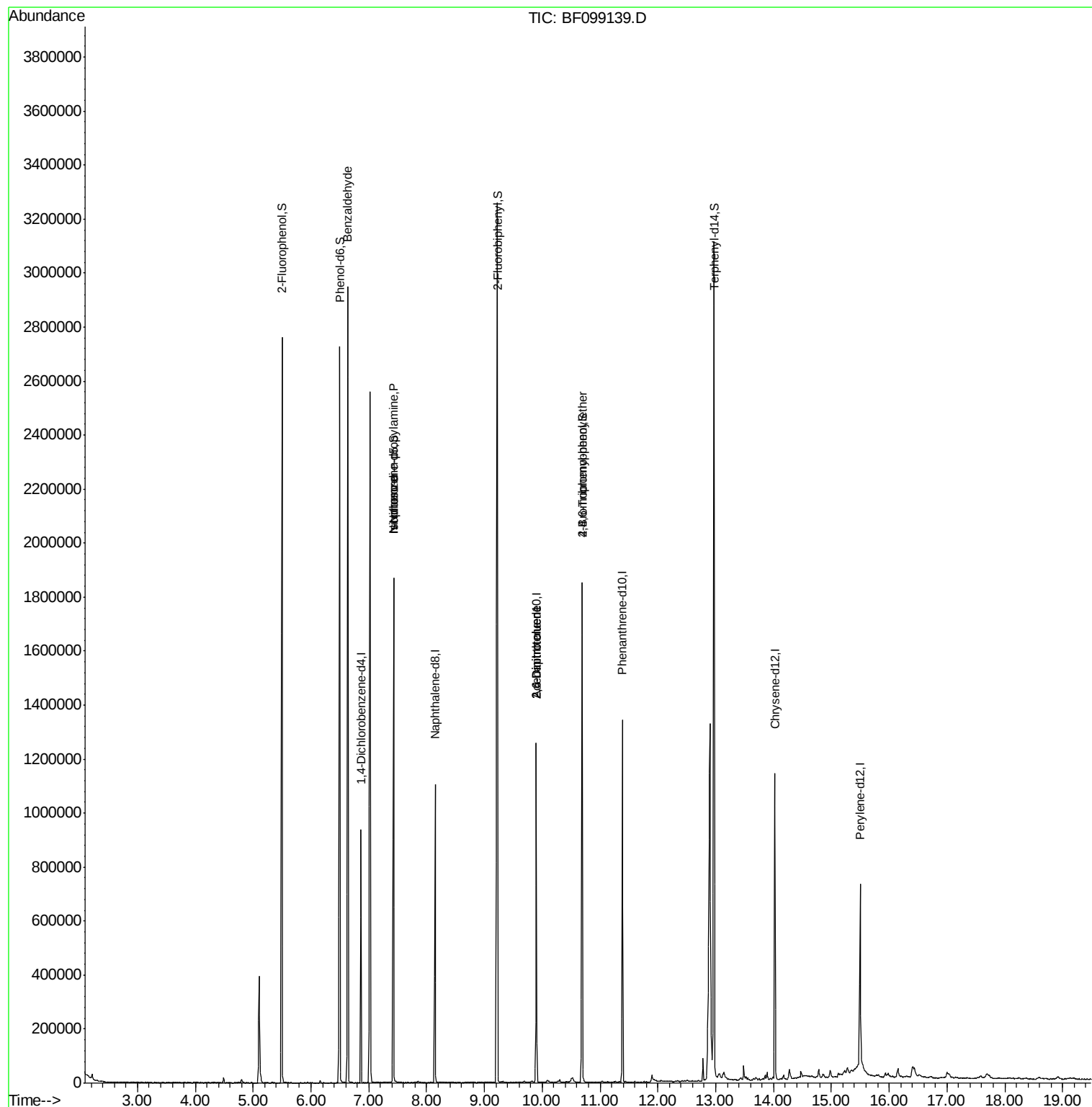
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131210	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	536682	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243236	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	442645	20.00	ng	0.00
75) Chrysene-d12	14.02	240	371988	20.00	ng	-0.01
86) Perylene-d12	15.50	264	284097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	931943	113.07	ng	0.02
7) Phenol-d6	6.50	99	1110115	109.18	ng	0.00
23) Nitrobenzene-d5	7.43	82	668773	79.91	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	235191	118.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1224241	84.02	ng	0.00
78) Terphenyl-d14	12.97	244	1116180	68.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18379	3.116	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.43	70	86883	13.384	ng	# 71
25) Isophorone	7.43	82	668243	38.622	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	31017	7.761	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	31017	5.980	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16120	3.720	ng	# 1

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

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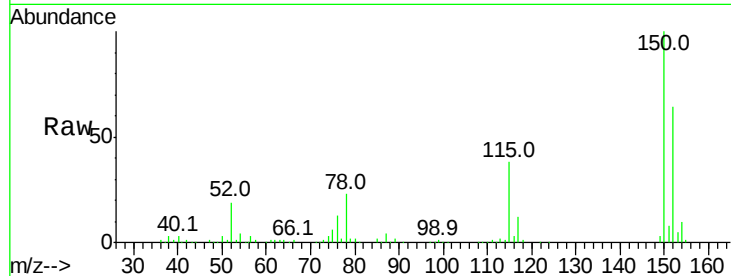


#1

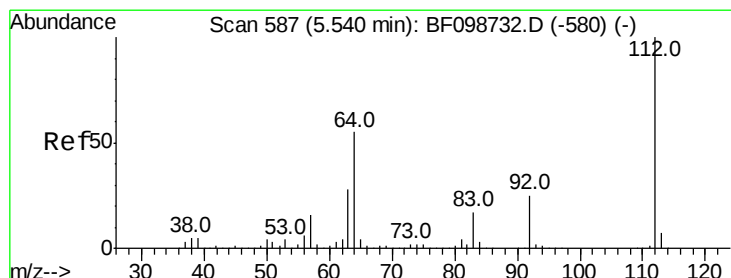
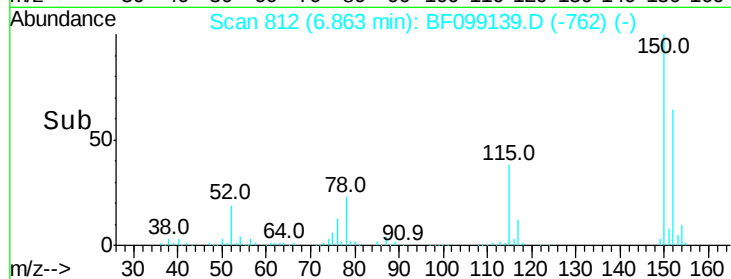
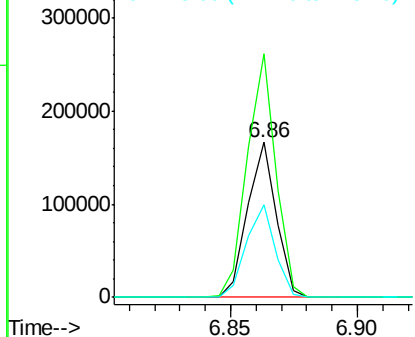
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131210
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 59.6 50.1 75.1



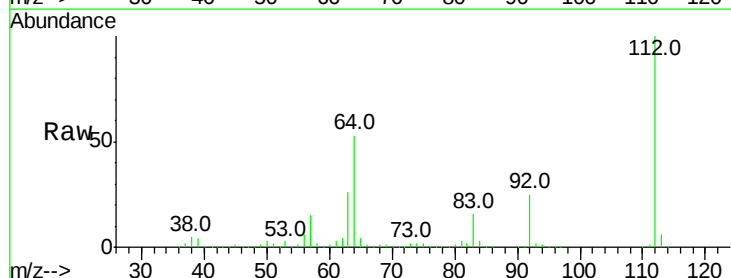
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



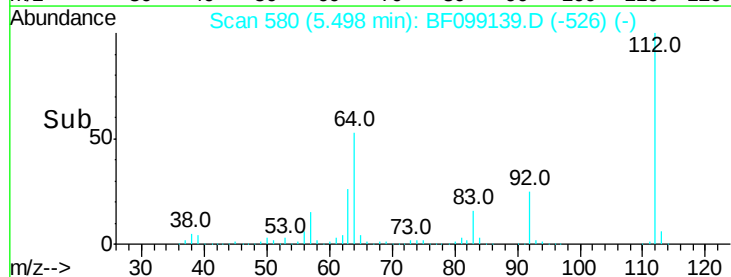
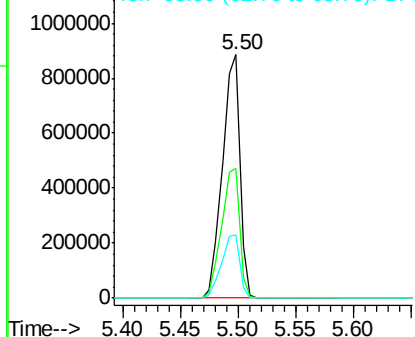
#5

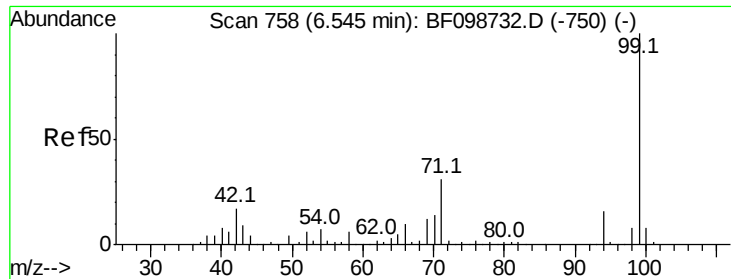
2-Fluorophenol
 Concen: 113.068 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:112 Resp: 931943
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 25.9 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: 109.179 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

Instrument :

BNA_F

ClientSampled :

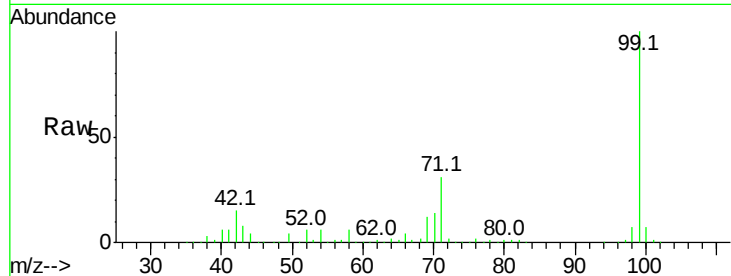
Tot Ion: 99 Resp: 1110115

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

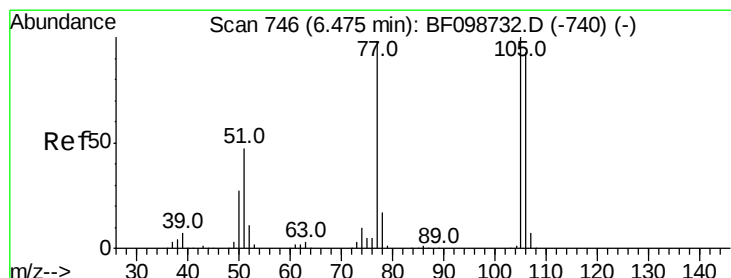
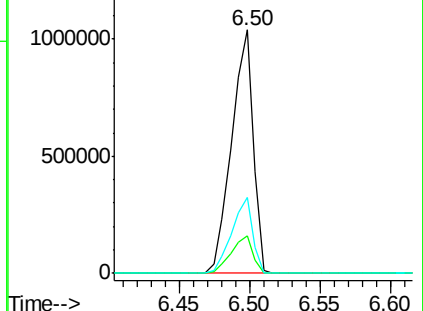
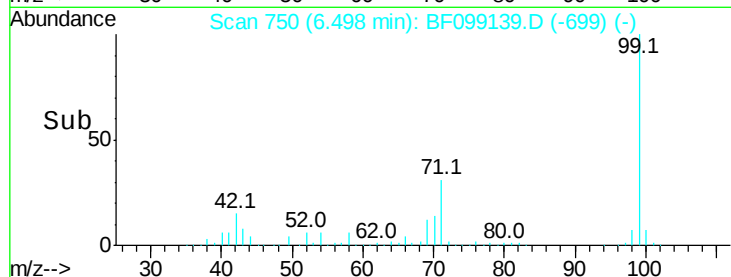
71 31.3 25.4 38.0



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: 3.116 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

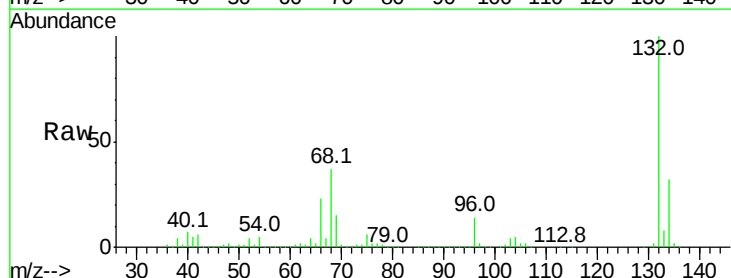
Tgt Ion: 77 Resp: 18379

Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

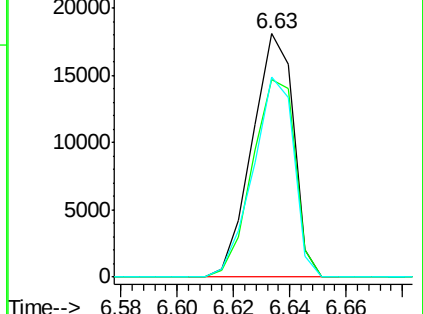
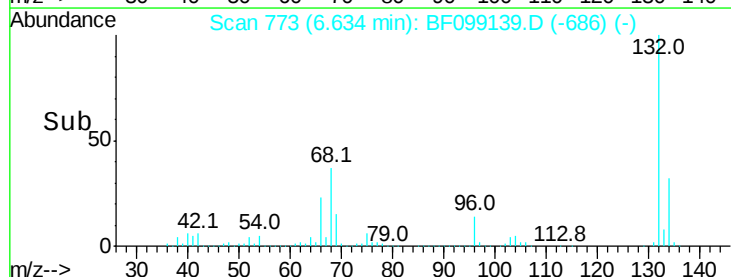
106 82.1 74.5 114.5

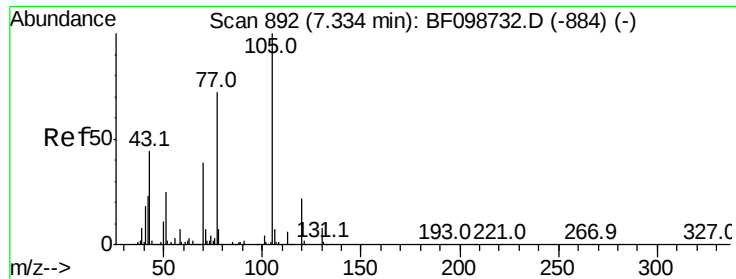


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

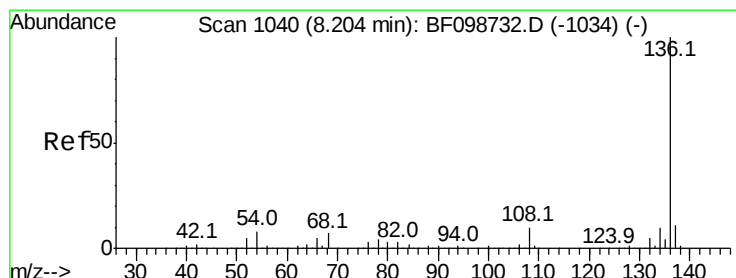
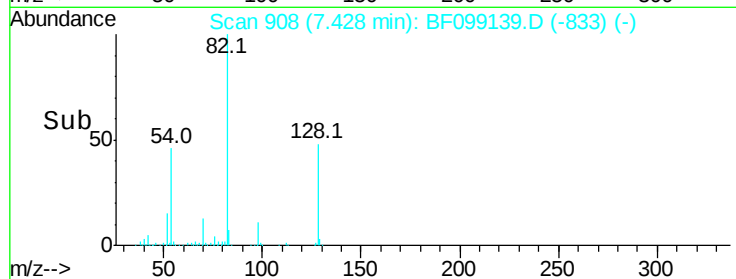
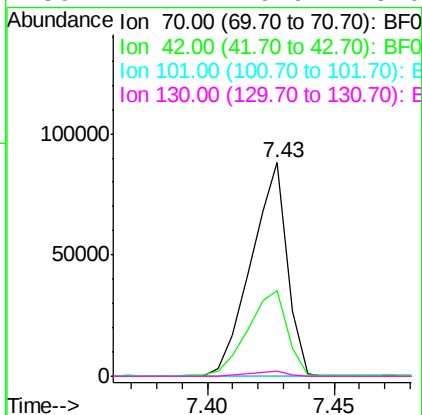
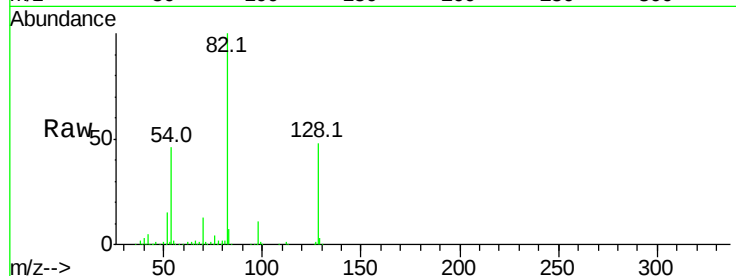




#19
n-Nitroso-di-n-propylamine
Concen: 13.384 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

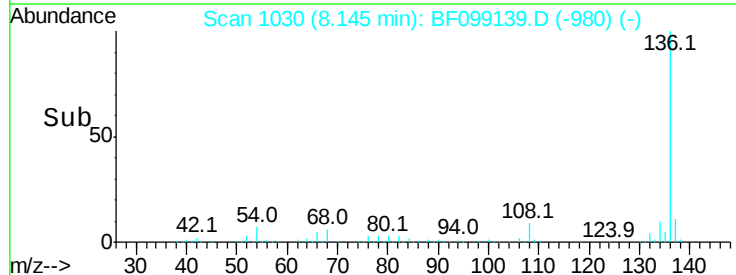
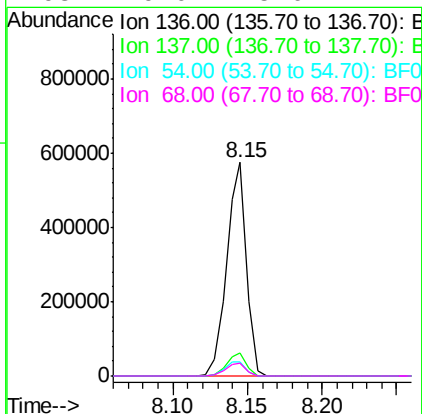
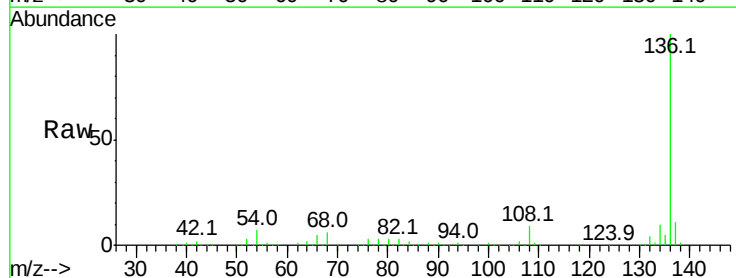
Instrument :
BNA_F
ClientSampleId :

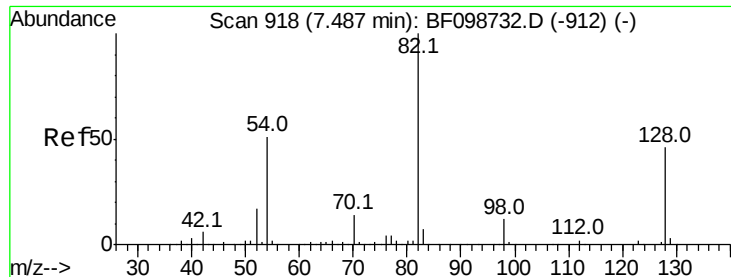
Tot Ion: 70 Resp: 86883
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Tgt Ion: 136 Resp: 536682
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 6.6 9.8
68 6.0 5.0 7.4

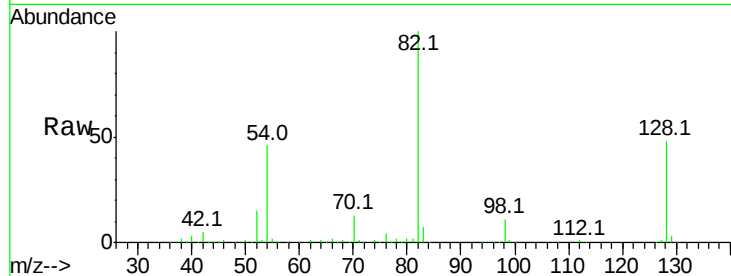




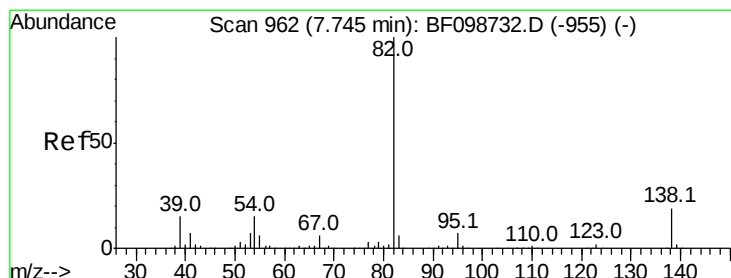
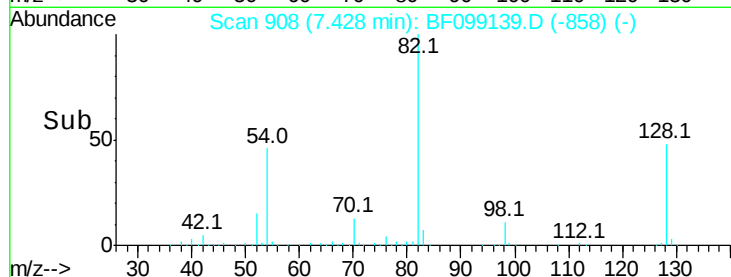
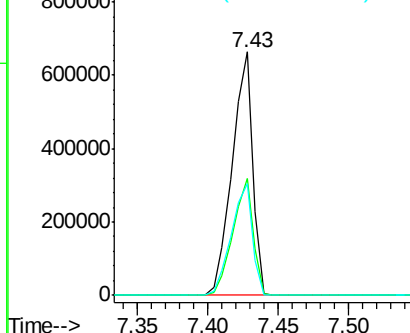
#23
Nitrobenzene-d5
Concen: 79.914 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 668773
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 46.2 41.4 62.2

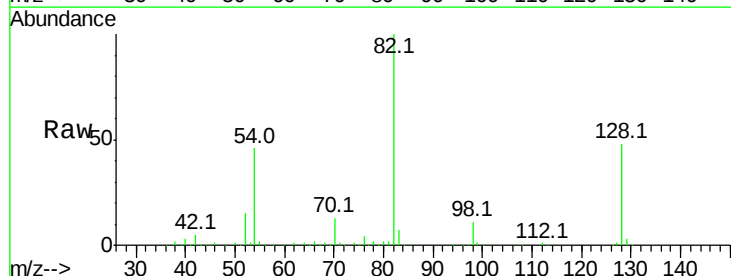


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

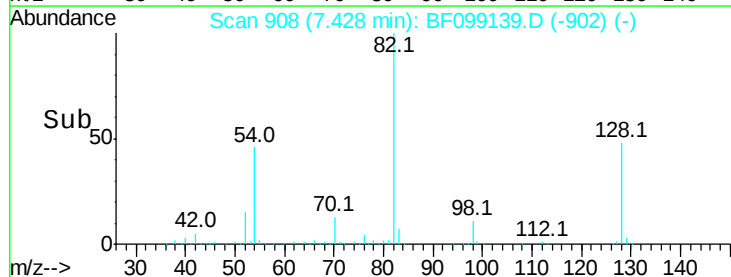
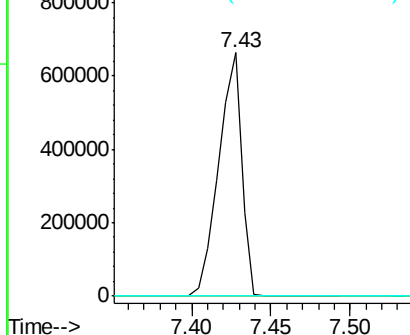


#25
Isophorone
Concen: 38.622 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Tgt Ion: 82 Resp: 668243
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

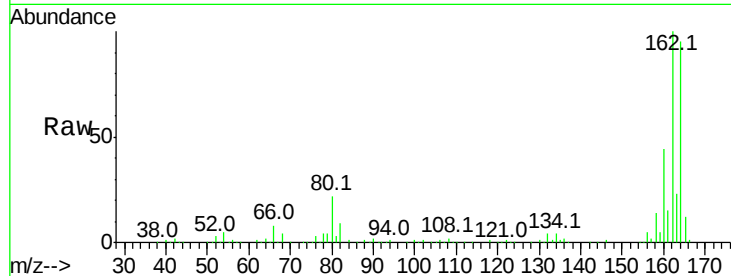




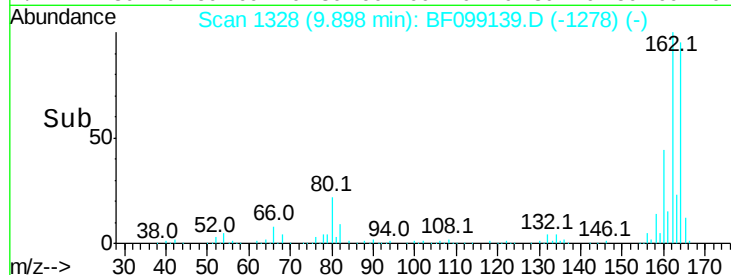
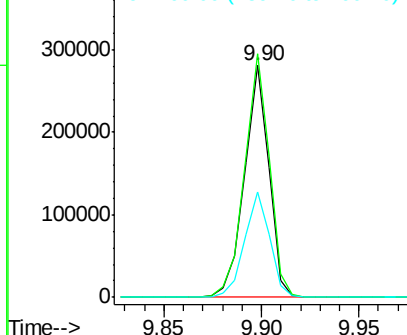
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 243236
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 45.8 38.3 57.5

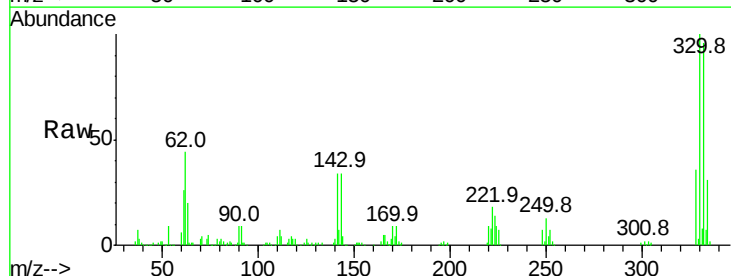


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

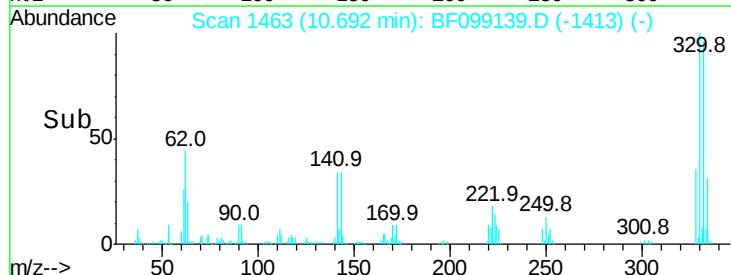
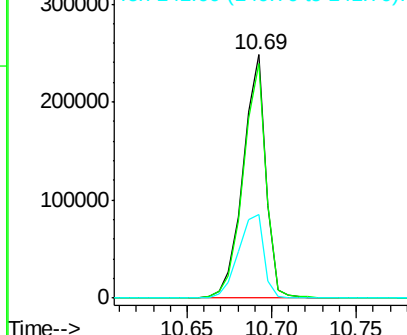


#41
2,4,6-Tribromophenol
Concen: 118.167 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Tgt Ion:330 Resp: 235191
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 38.5 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



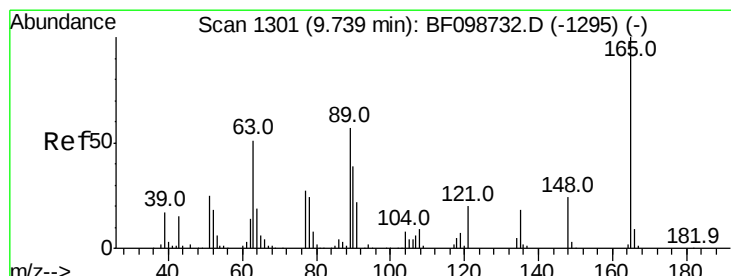
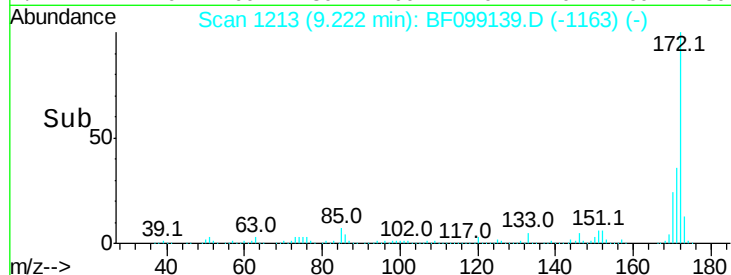
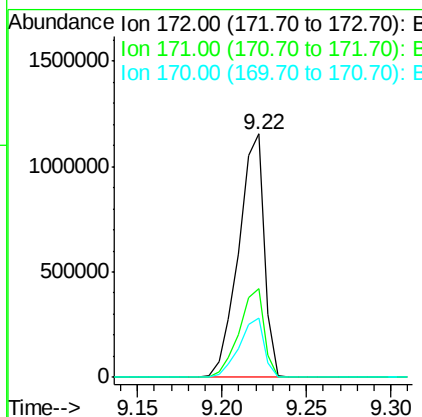
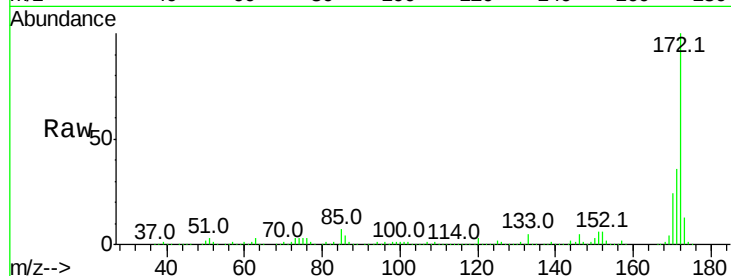


#44
 2-Fluorobiphenyl
 Concen: 84.024 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1224241

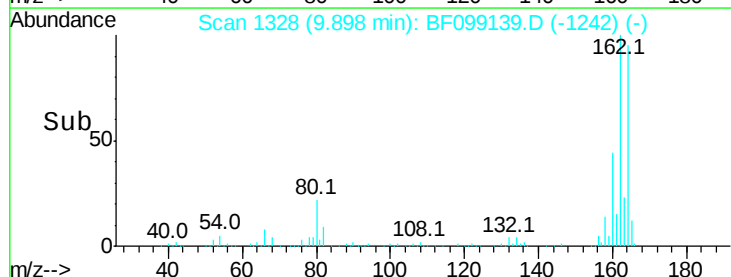
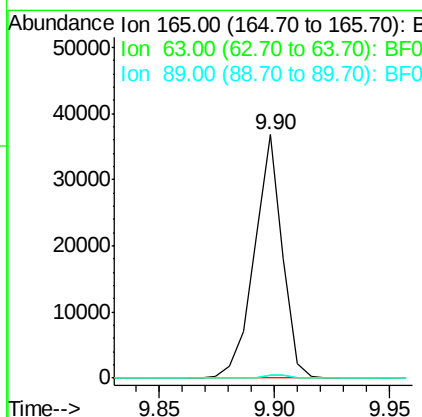
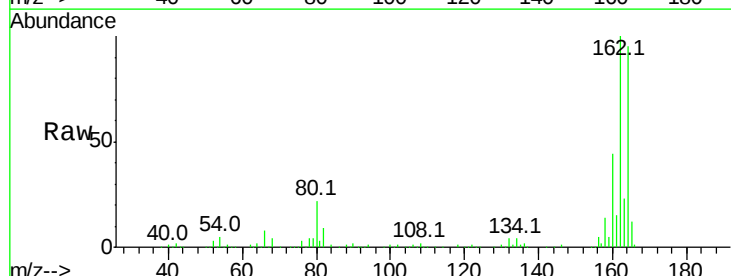
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.761 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:165 Resp: 31017

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.3	44.0	66.0#

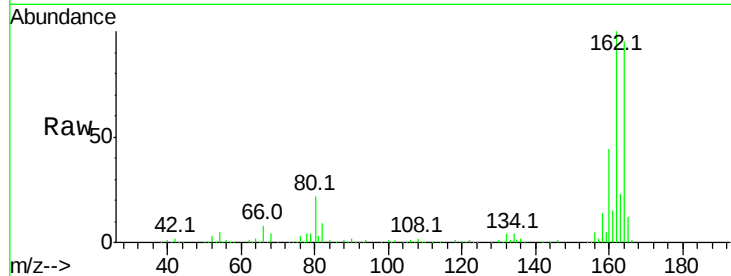




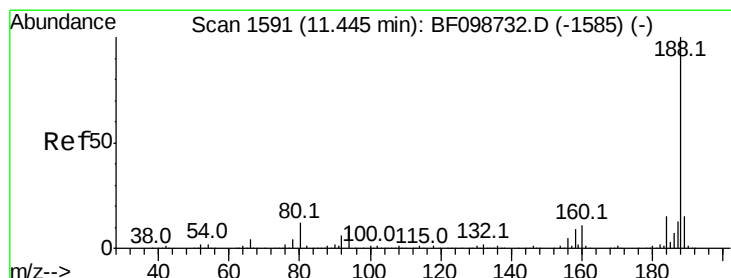
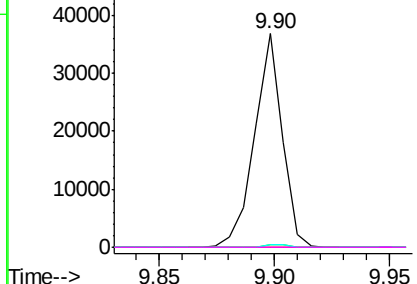
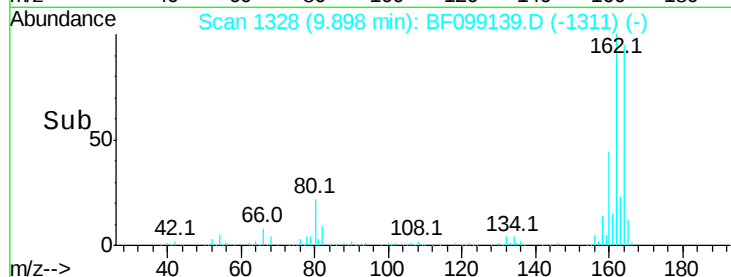
#56
 2,4-Dinitrotoluene
 Concen: 5.980 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31017
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

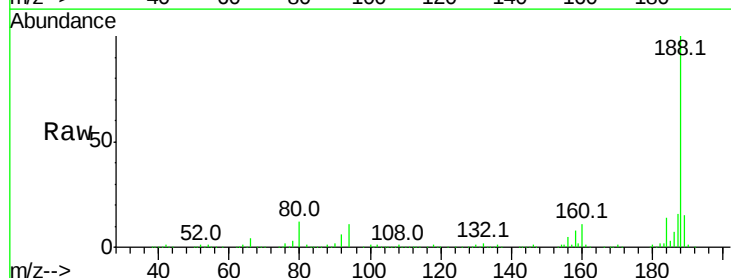


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

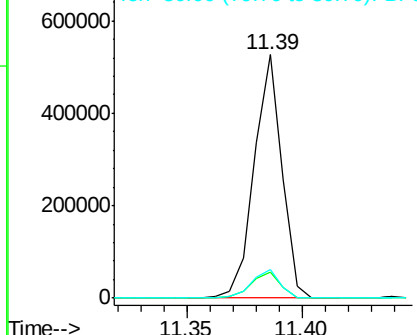
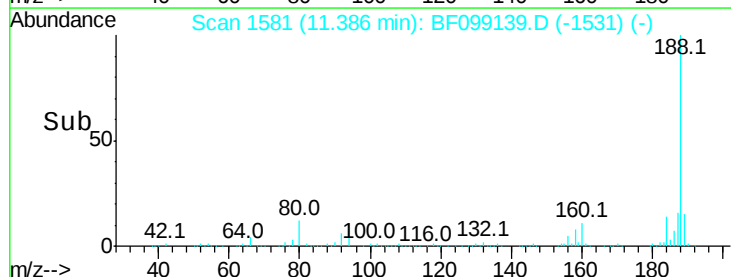


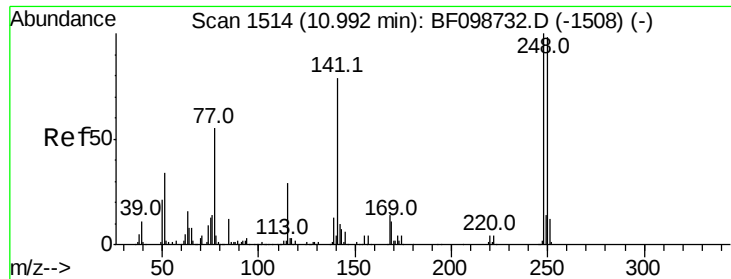
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:188 Resp: 442645
 Ion Ratio Lower Upper
 188 100
 94 10.8 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

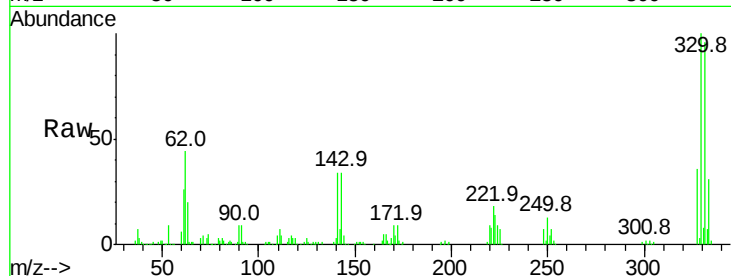




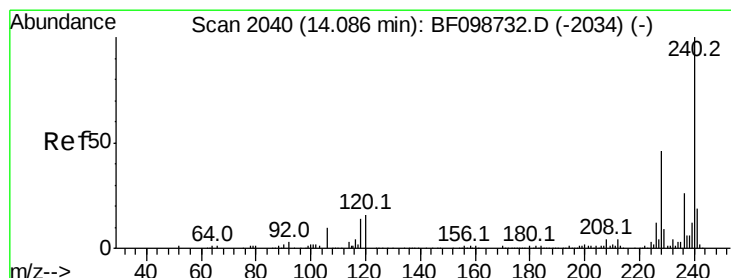
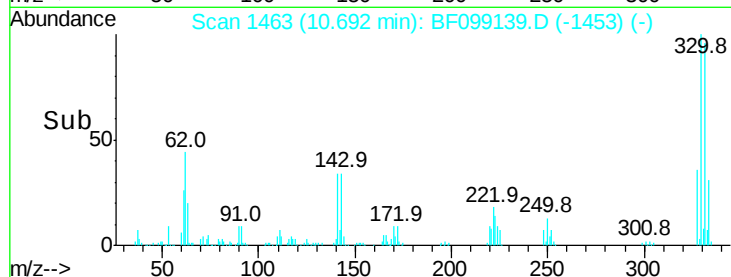
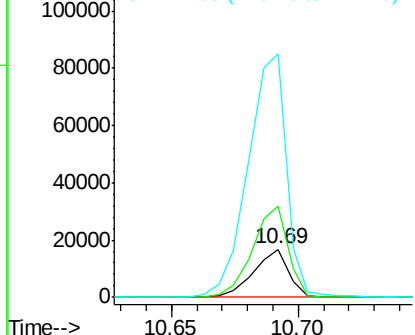
#66
 4-Bromophenyl-phenylether
 Concen: 3.720 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16120
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.9 115.3#
 141 503.2 74.4 111.6#

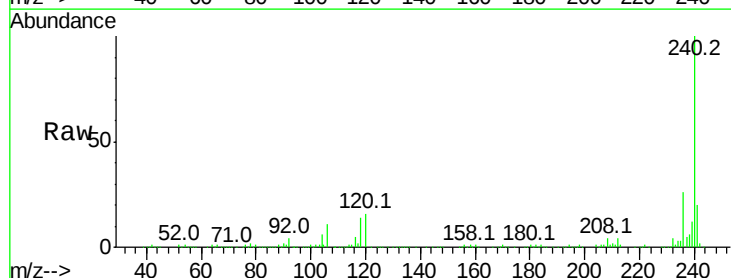


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

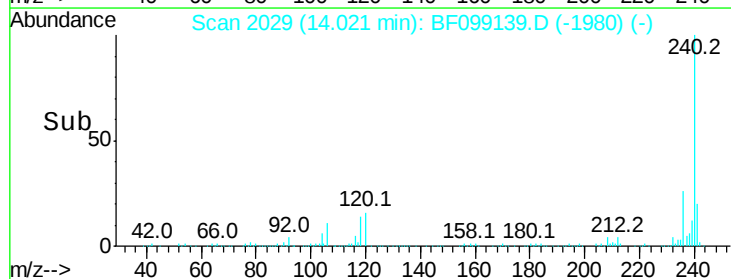
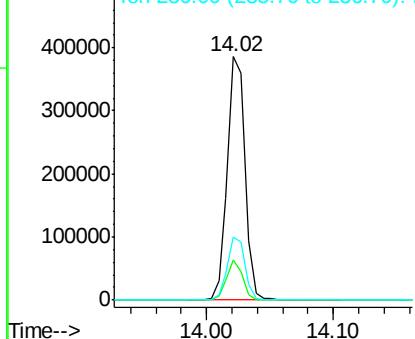


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:240 Resp: 371988
 Ion Ratio Lower Upper
 240 100
 120 16.3 9.5 14.3#
 236 25.7 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



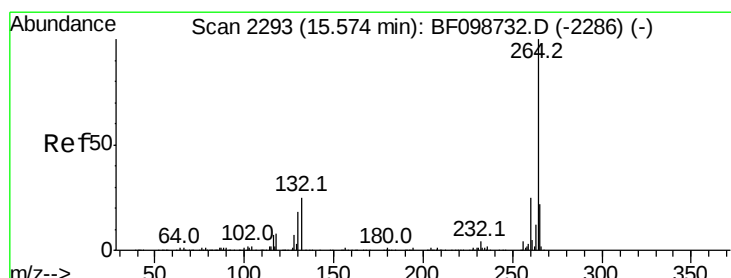
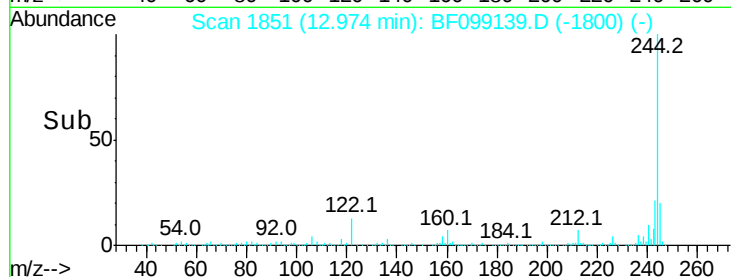
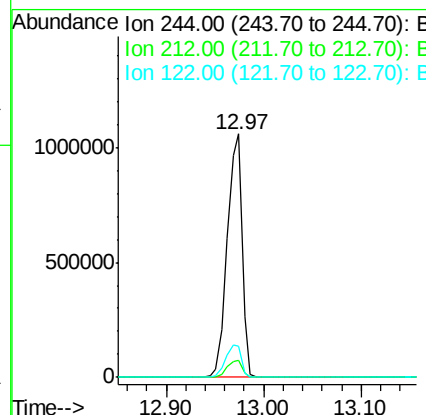
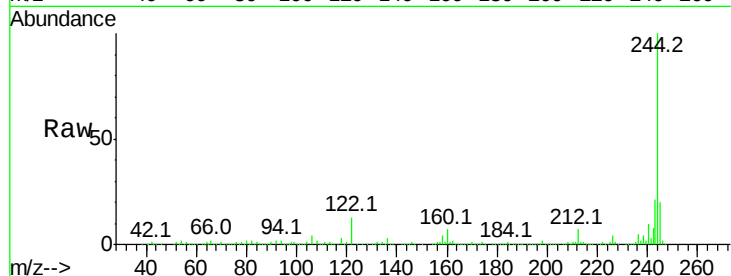


#78
 Terphenyl-d14
 Concen: 68.239 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1116180

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	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: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:264 Resp: 284097

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

