

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099339.D
 Acq On : 11 Oct 2017 11:59
 Operator : SJ/JU
 Sample : I5745-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:30:04 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

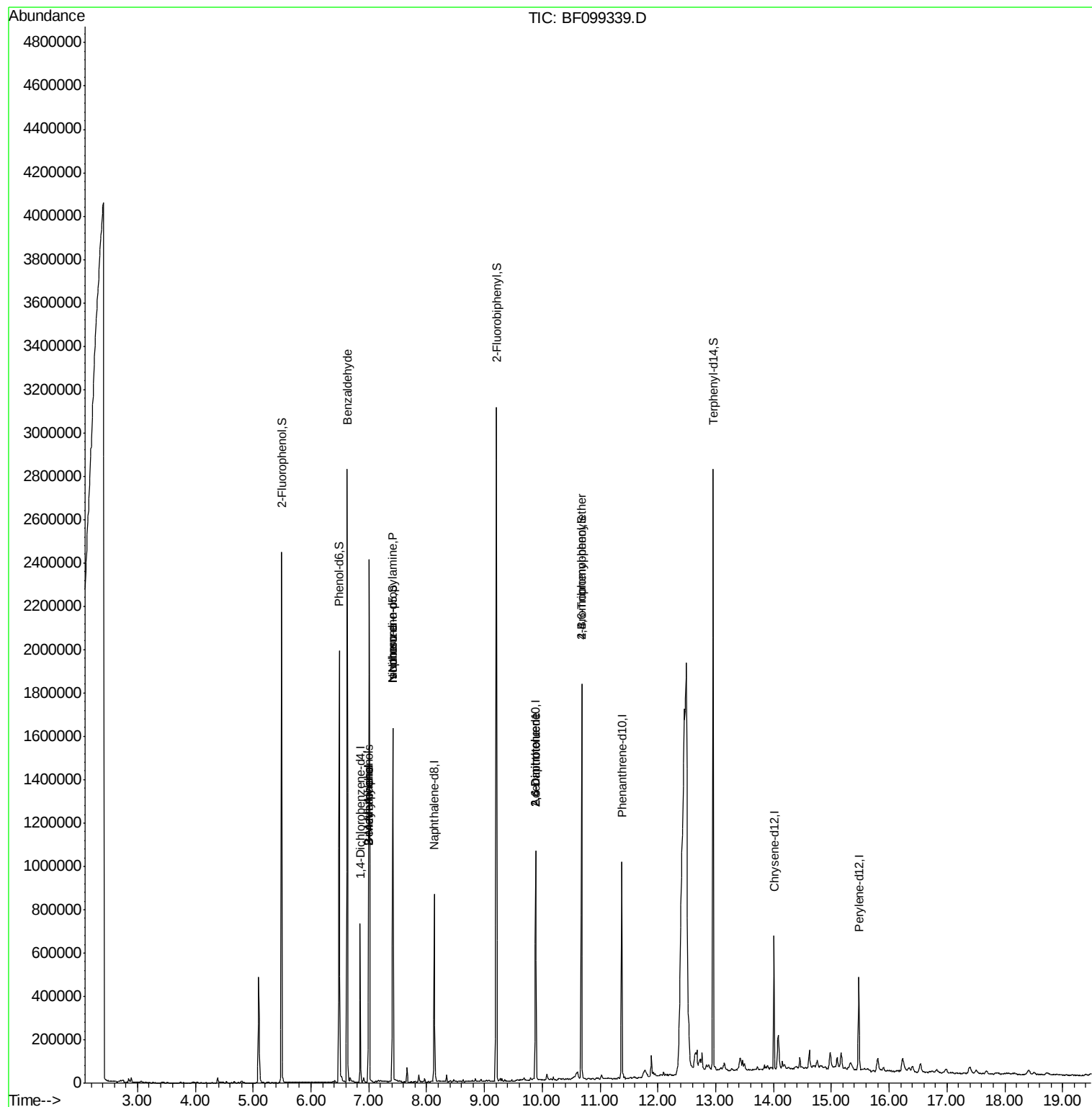
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101262	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	417611	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	193368	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	339478	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	192637	20.00	ng	-0.02
86) Perylene-d12	15.47	264	173074	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	761727	119.75	ng	0.01
7) Phenol-d6	6.49	99	810266	103.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	605651	93.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	225711	142.65	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	1147533	99.07	ng	-0.02
78) Terphenyl-d14	12.96	244	931131	109.93	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	15953	3.505	ng	84
15) Benzyl Alcohol	6.99	79	58348	10.136	ng	96
17) 2-Methylphenol	6.99	107	28547	4.843	ng	# 14
19) n-Nitroso-di-n-propylamine	7.42	70	77255	15.420	ng	# 74
20) 3+4-Methylphenols	6.99	107	28547	3.828	ng	# 1
25) Isophorone	7.42	82	605640	44.984	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25101	7.900	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	25101	6.087	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	15160	4.562	ng	# 1

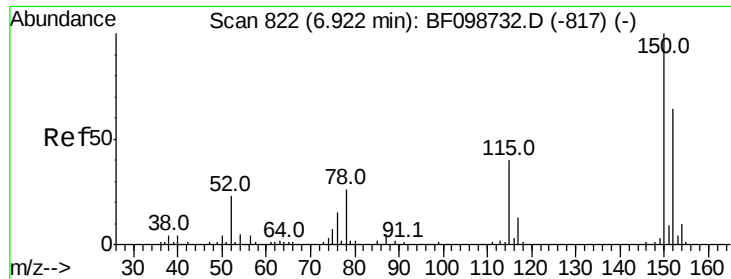
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

Instrument :

BNA_F

ClientSampleId :

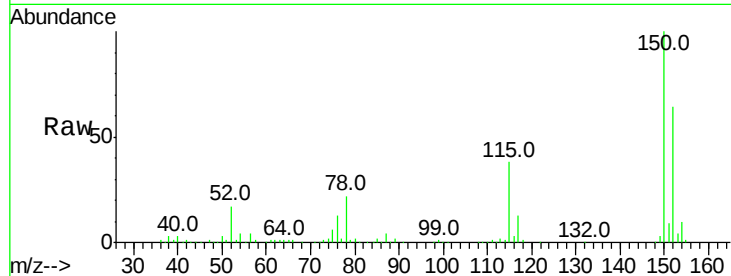
Tot Ion:152 Resp: 101262

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

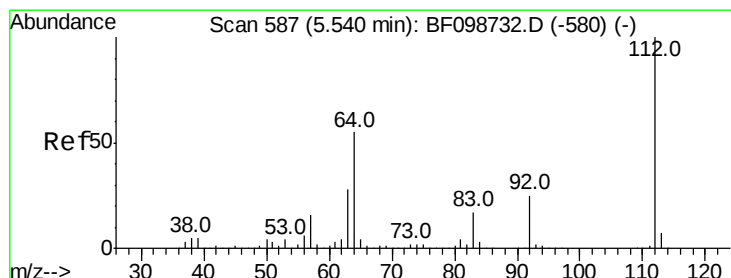
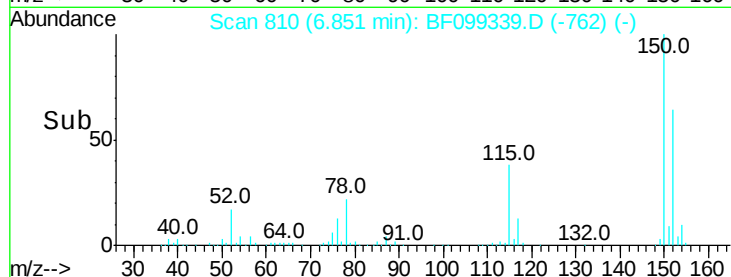
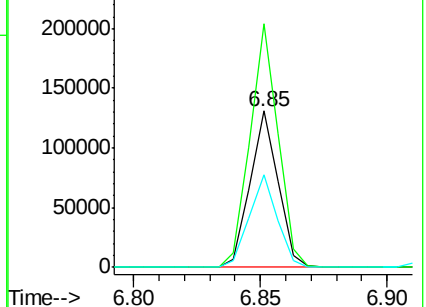
115 59.3 50.1 75.1



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: 119.748 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

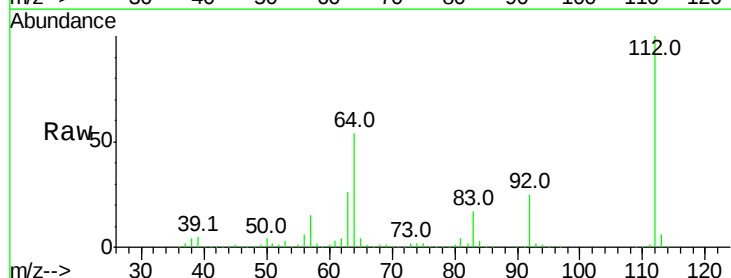
Tgt Ion:112 Resp: 761727

Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

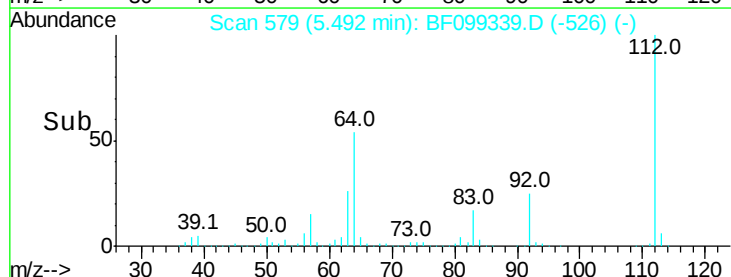
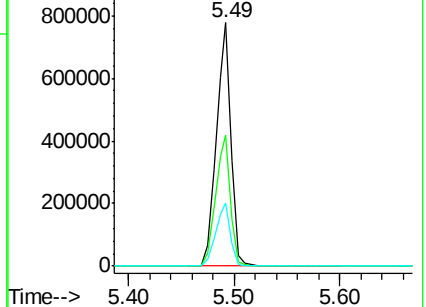
63 26.1 23.7 35.5

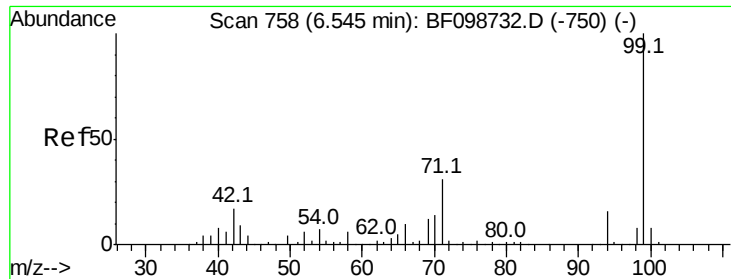


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.257 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

Instrument :

BNA_F

ClientSampled :

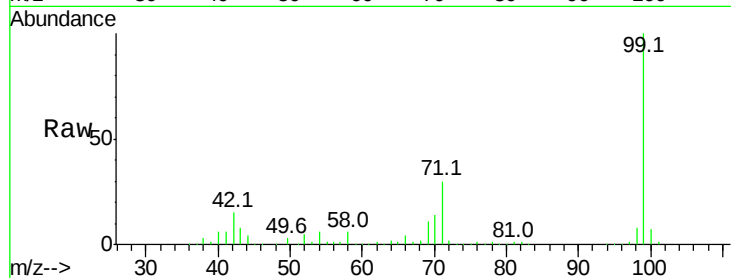
Tot Ion: 99 Resp: 810266

Ion Ratio Lower Upper

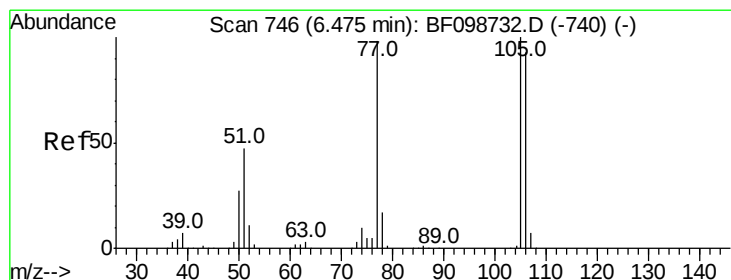
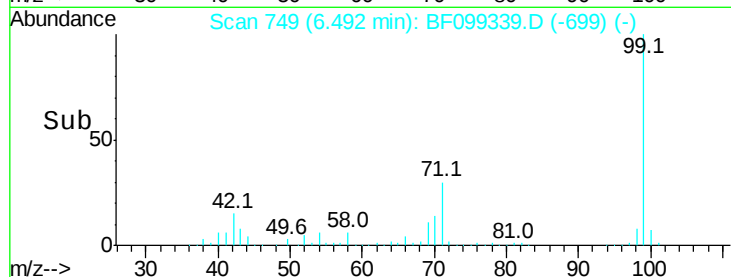
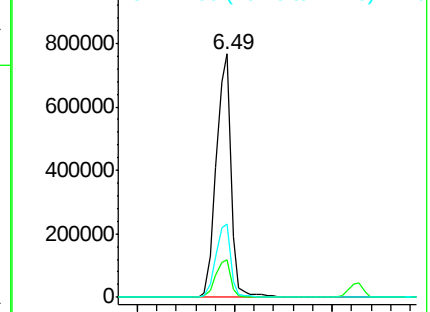
99 100

42 15.5 14.5 21.7

71 30.2 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: 3.505 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

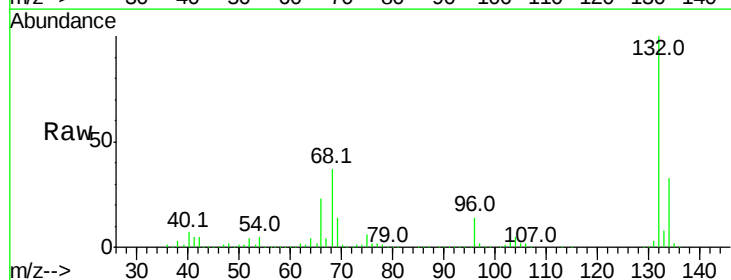
Tgt Ion: 77 Resp: 15953

Ion Ratio Lower Upper

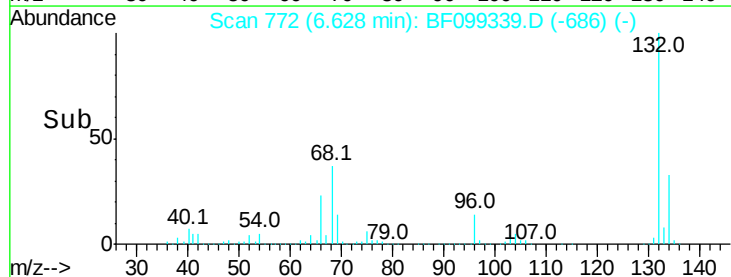
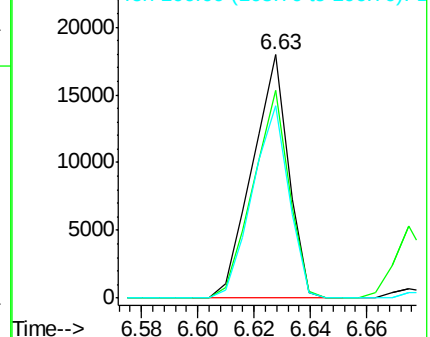
77 100

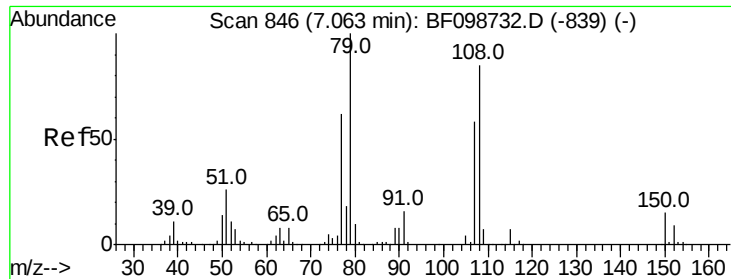
105 85.3 81.1 121.1

106 79.2 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

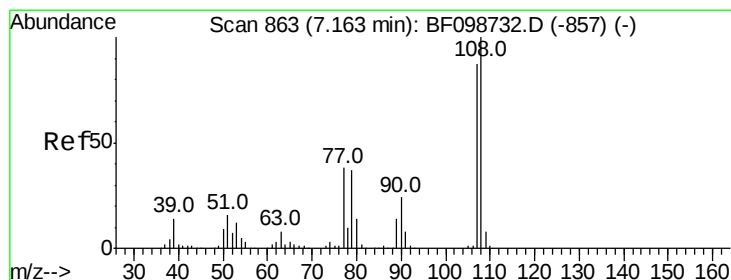
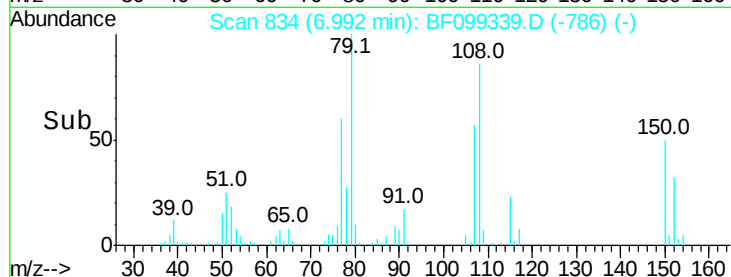
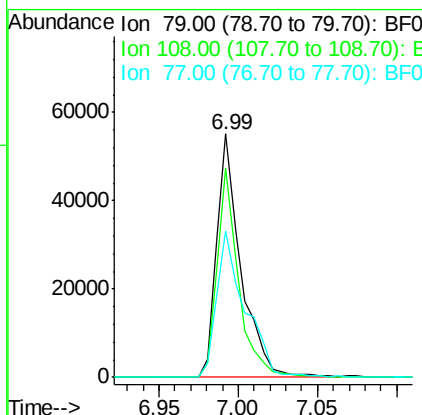
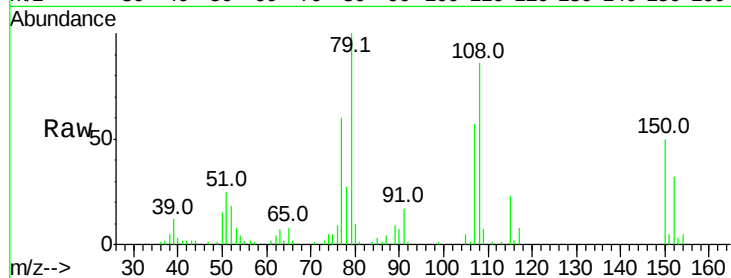




#15
Benzyl Alcohol
Concen: 10.136 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

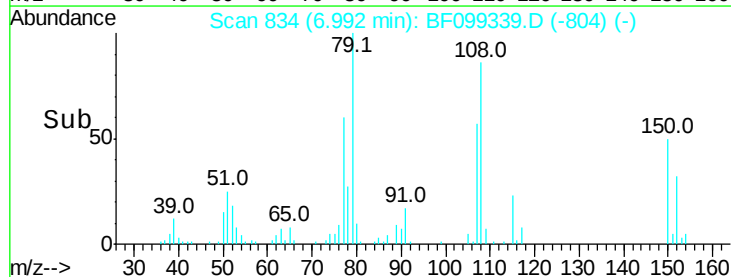
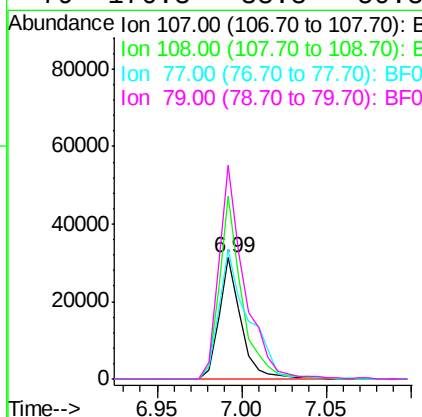
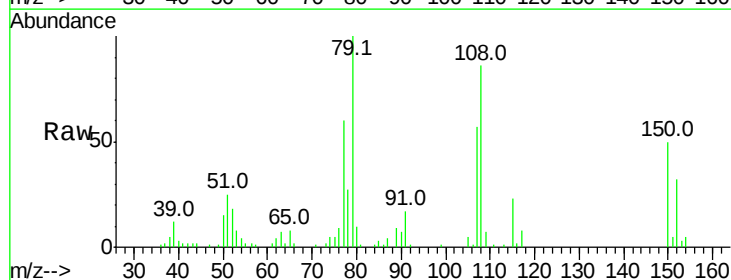
Instrument :
BNA_F
ClientSampleId :

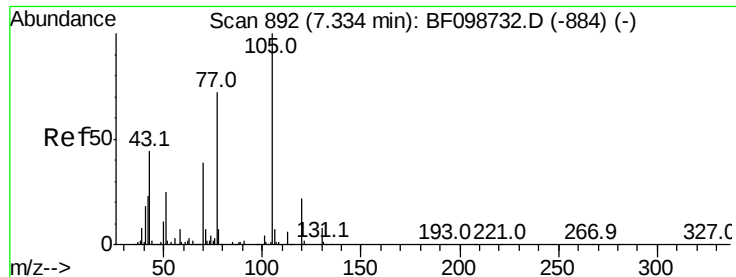
Tot Ion: 79 Resp: 58348
Ion Ratio Lower Upper
79 100
108 85.6 65.1 97.7
77 60.3 50.6 75.8



#17
2-Methylphenol
Concen: 4.843 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.12 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion: 107 Resp: 28547
Ion Ratio Lower Upper
107 100
108 151.0 91.7 137.5#
77 106.4 33.8 50.8#
79 176.3 33.8 50.8#

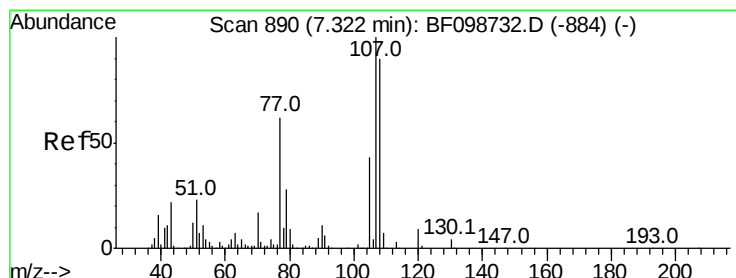
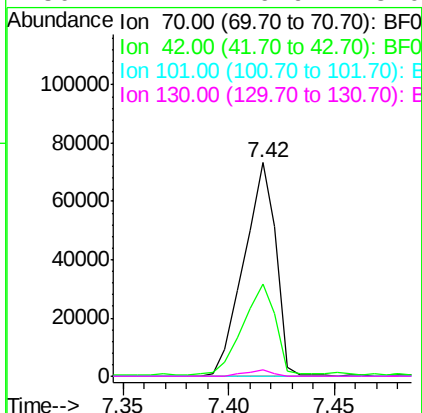
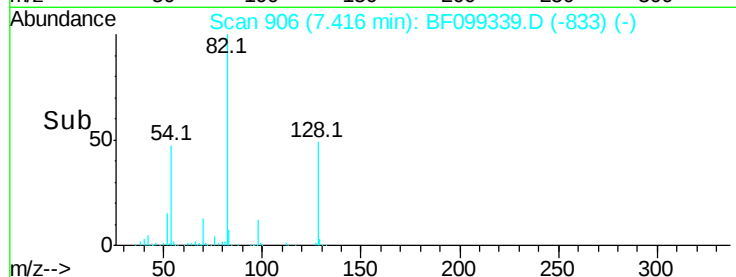
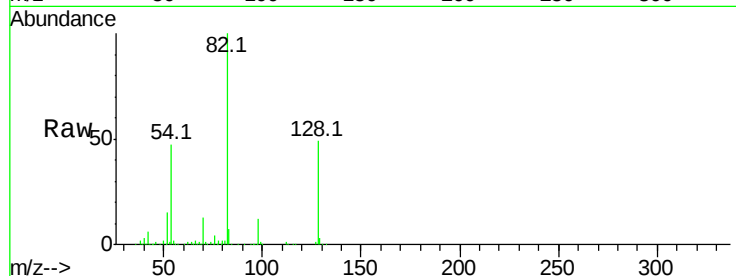




#19
n-Nitroso-di-n-propylamine
Concen: 15.420 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.13 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

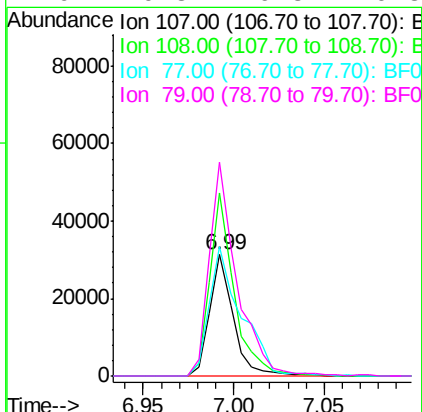
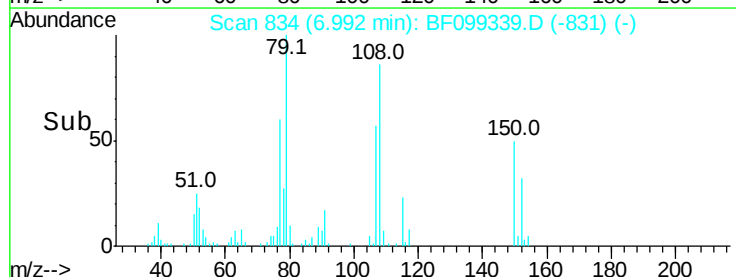
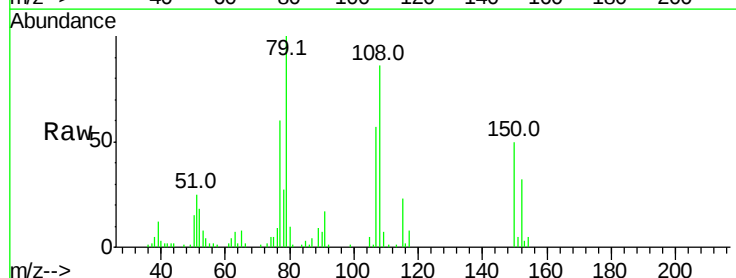
Instrument :
BNA_F
ClientSampleId :

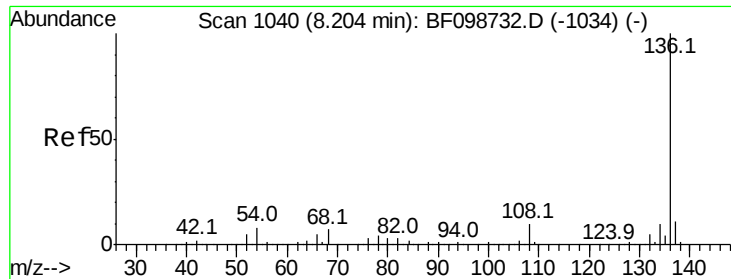
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.1	47.5	71.3#	
101	0.0	7.4	11.2#	
130	2.7	16.6	25.0#	



#20
3+4-Methylphenols
Concen: 3.828 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.28 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	151.0	68.2	108.2#	
77	106.4	26.7	66.7#	
79	176.3	6.3	46.3#	

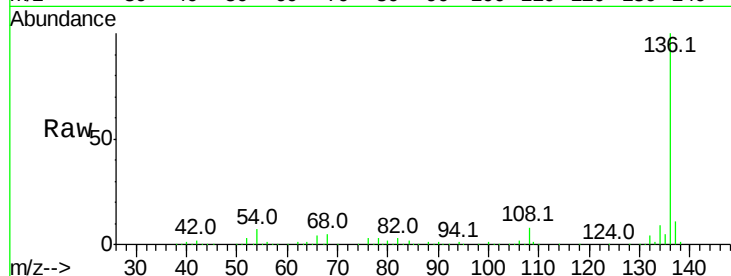




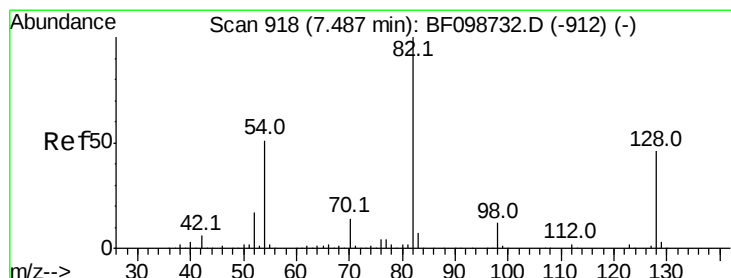
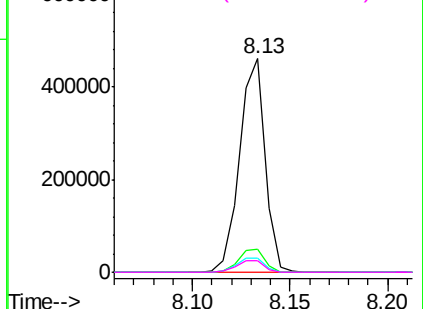
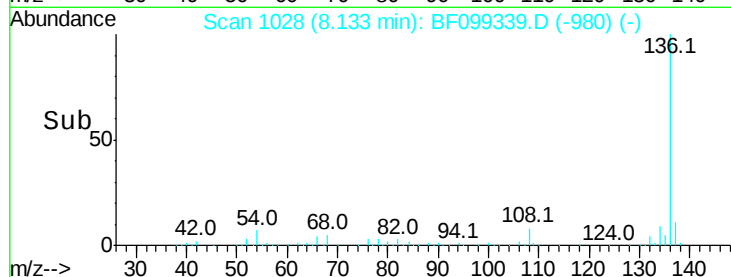
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	417611
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4

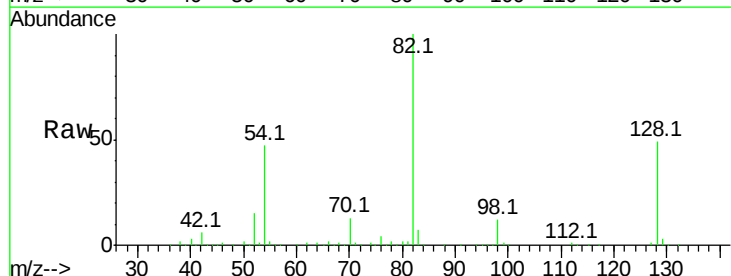


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

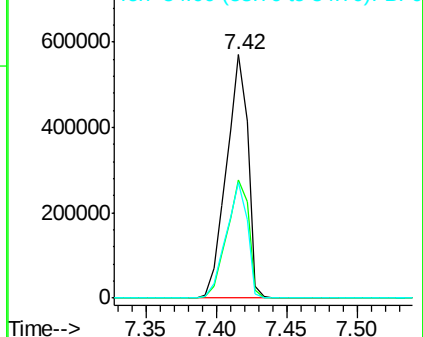
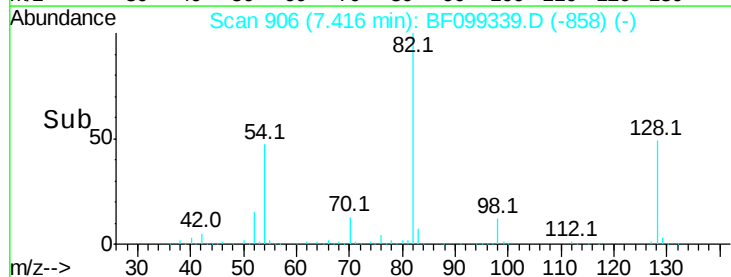


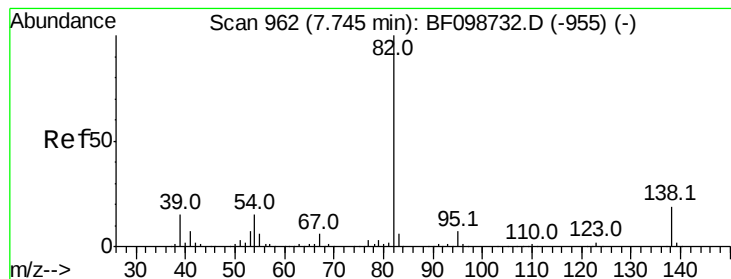
#23
Nitrobenzene-d5
Concen: 93.006 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:	82	Resp:	605651
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	47.3	41.4	62.2



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





#25

Isophorone

Concen: 44.984 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.28 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

Instrument :

BNA_F

ClientSampleId :

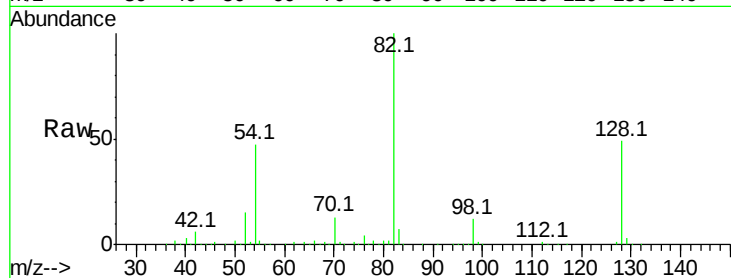
Tot Ion: 82 Resp: 605640

Ion Ratio Lower Upper

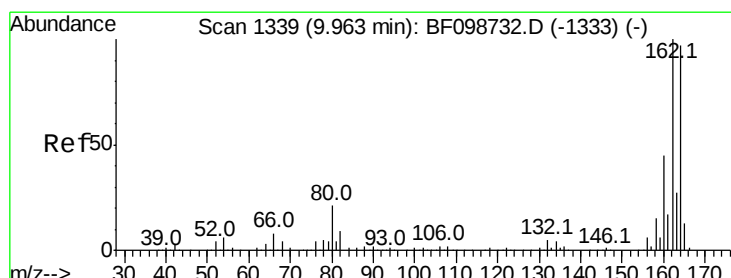
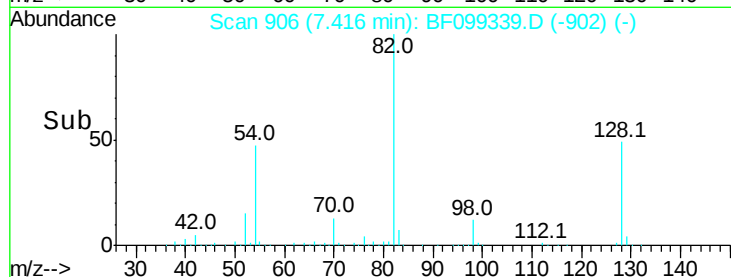
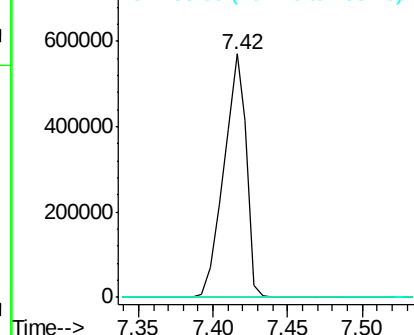
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

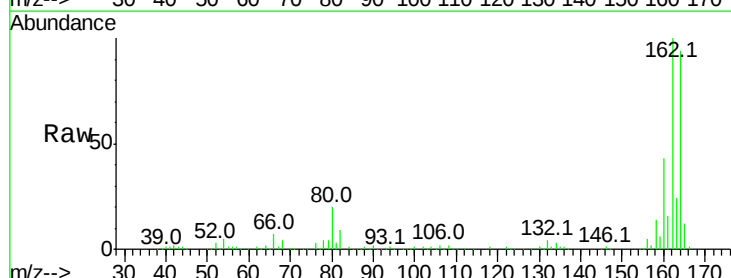
Tgt Ion:164 Resp: 193368

Ion Ratio Lower Upper

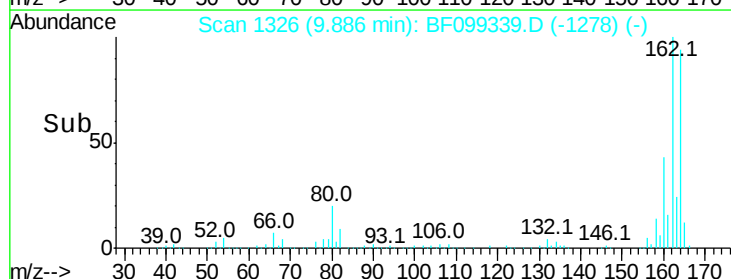
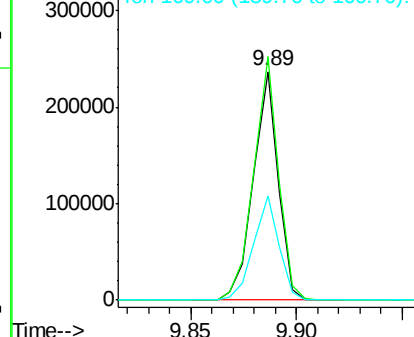
164 100

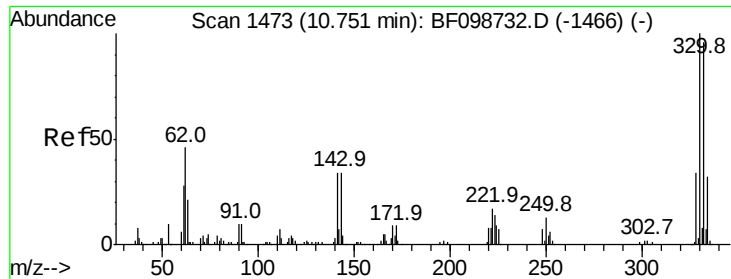
162 106.7 86.1 129.1

160 45.4 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

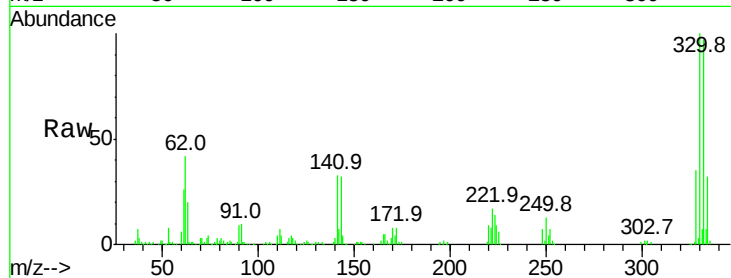




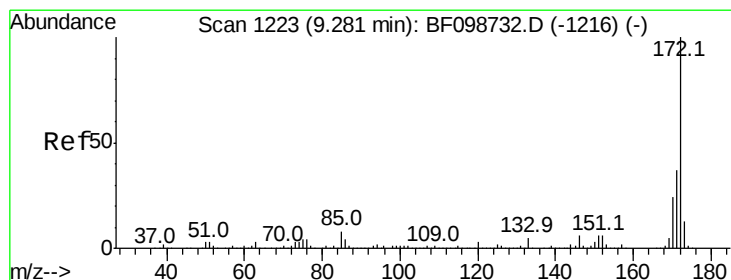
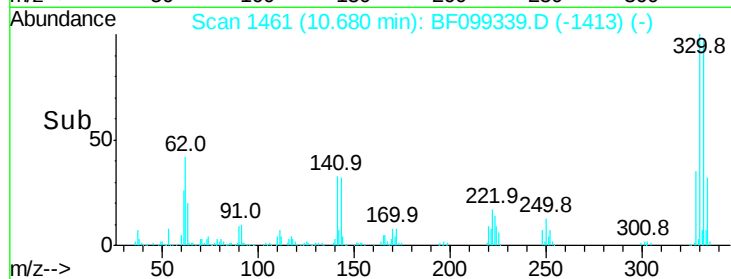
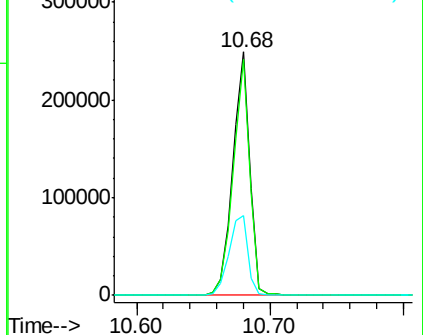
#41
 2,4,6-Tribromophenol
 Concen: 142.650 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF099339.D
 Acq: 11 Oct 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 225711
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 36.7 29.9 44.9

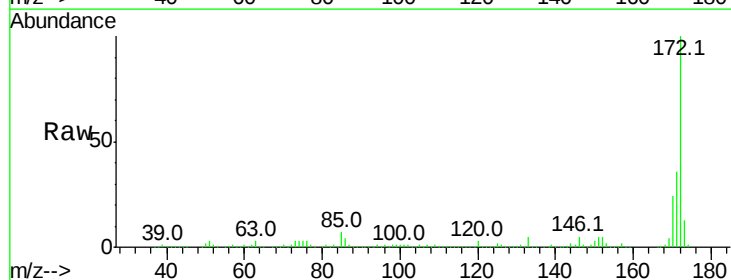


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

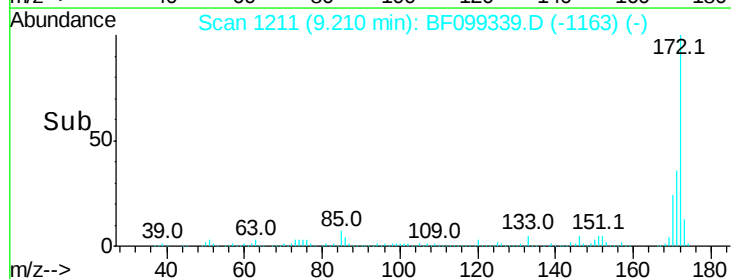
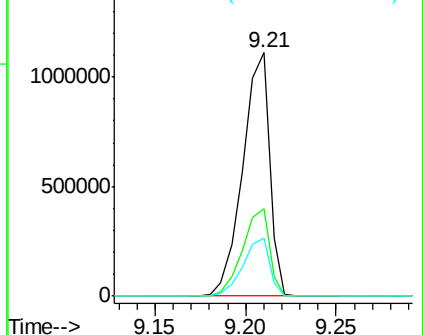


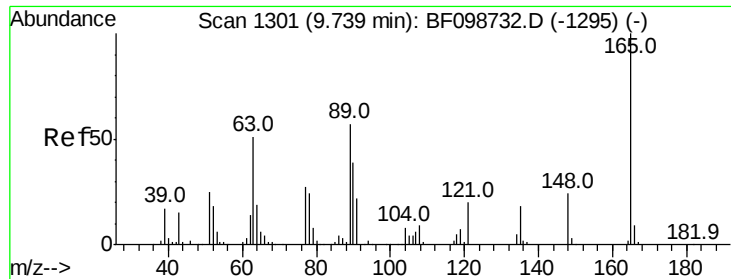
#44
 2-Fluorobiphenyl
 Concen: 99.071 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF099339.D
 Acq: 11 Oct 2017 11:59

Tgt Ion:172 Resp: 1147533
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

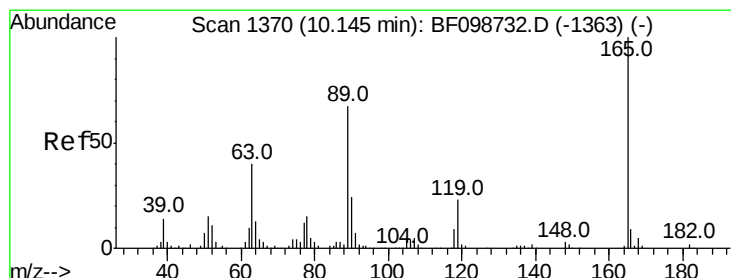
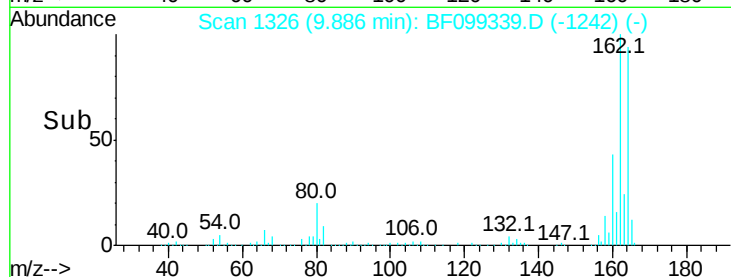
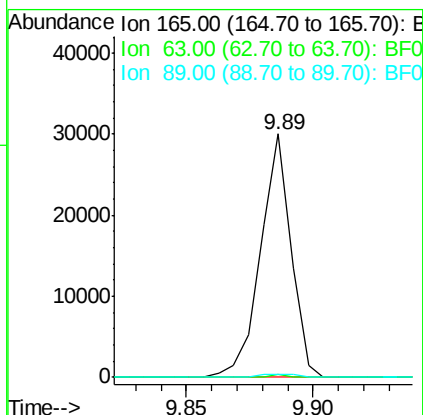
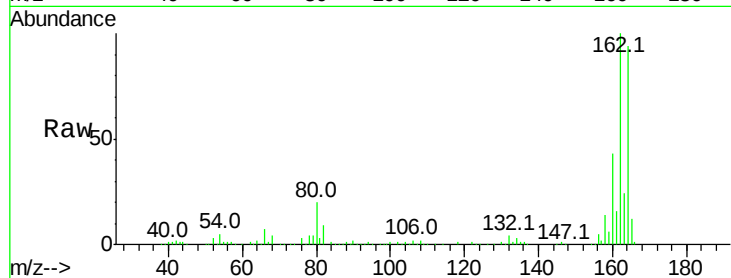




#50
 2,6-Dinitrotoluene
 Concen: 7.900 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.19 min
 Lab File: BF099339.D
 Acq: 11 Oct 2017 11:59

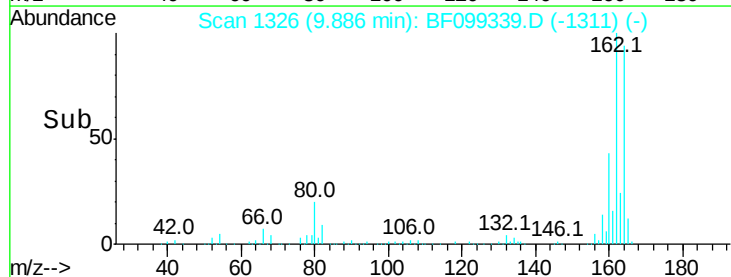
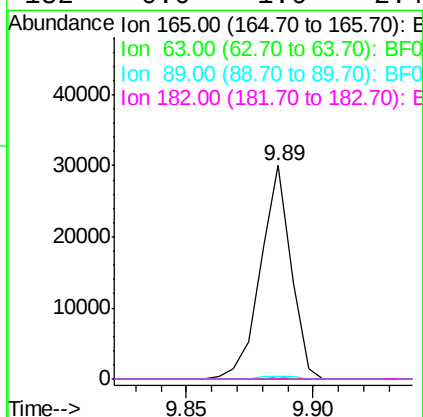
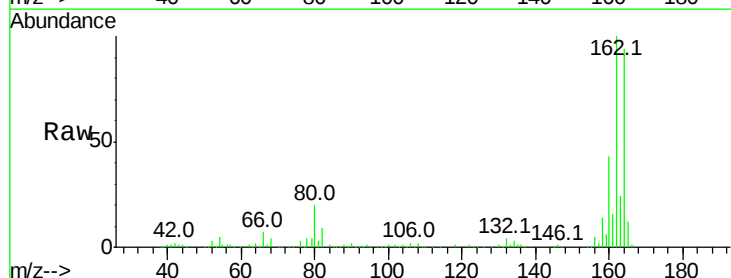
Instrument :
 BNA_F
 ClientSampleId :

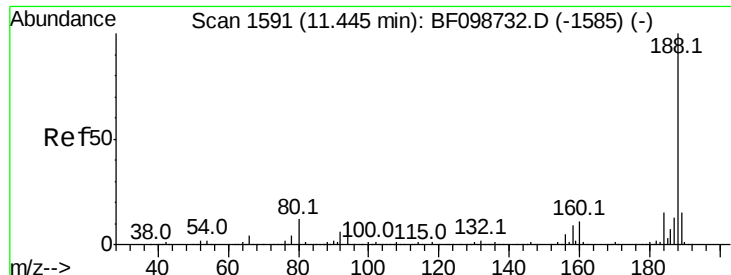
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.087 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099339.D
 Acq: 11 Oct 2017 11:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

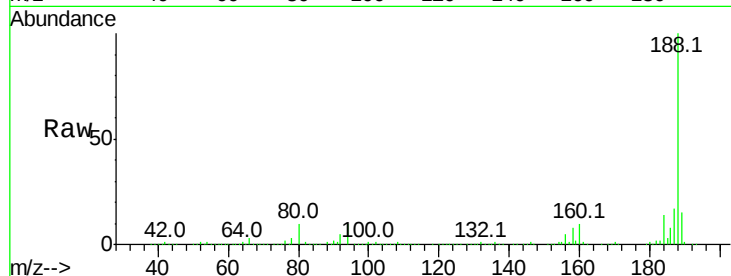




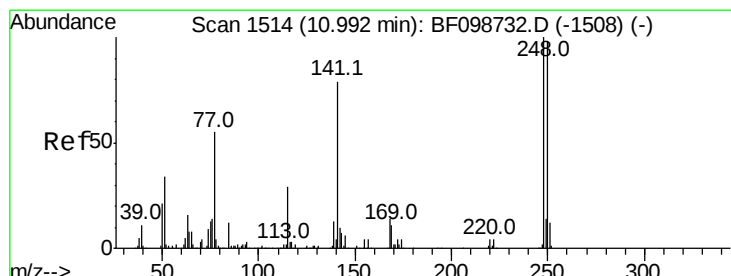
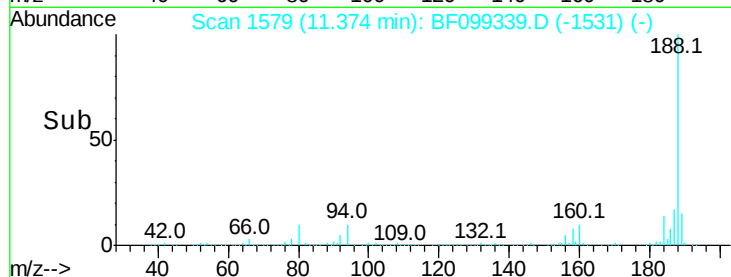
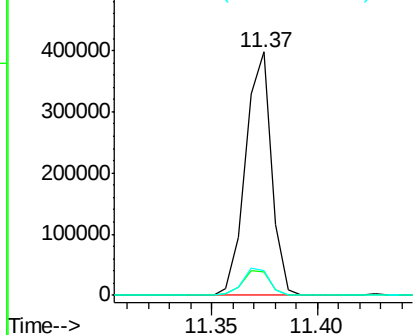
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 339478
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.1 9.2 13.8

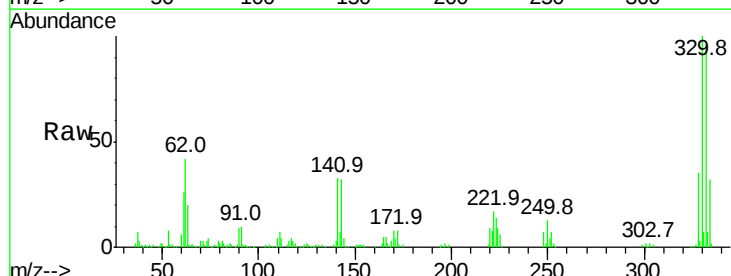


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

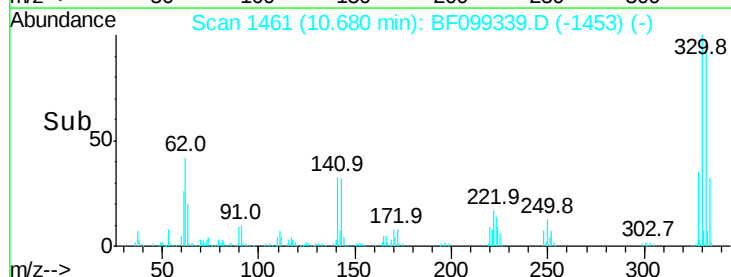
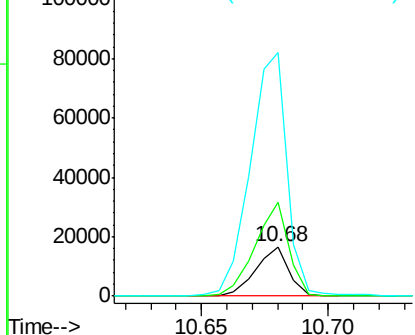


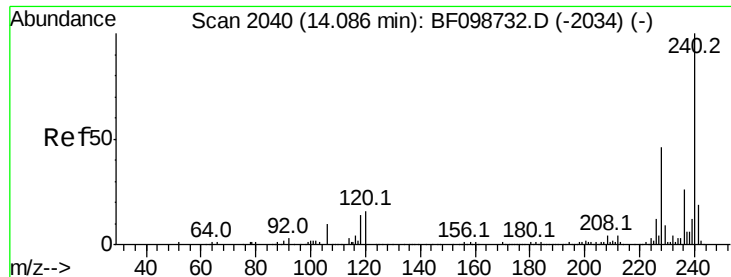
#66
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:248 Resp: 15160
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 494.4 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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

Instrument :

BNA_F

ClientSampleId :

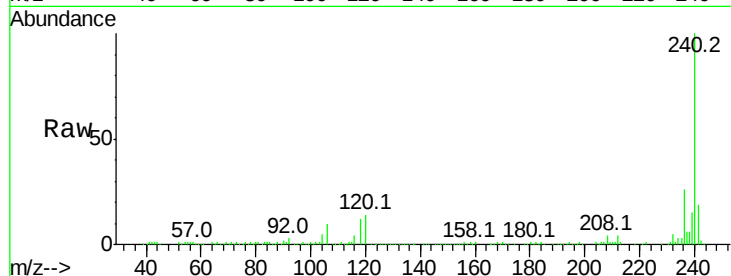
Tot Ion:240 Resp: 192637

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

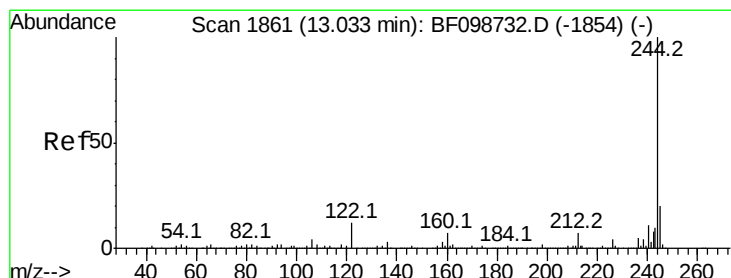
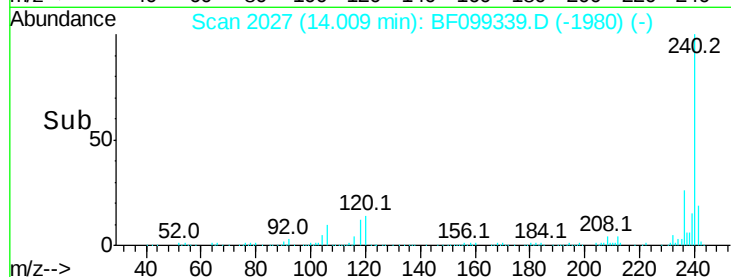
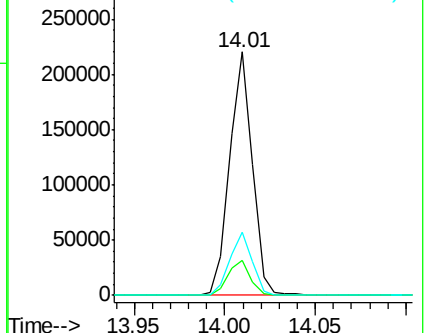
236 25.8 20.7 31.1



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: 109.926 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099339.D

Acq: 11 Oct 2017 11:59

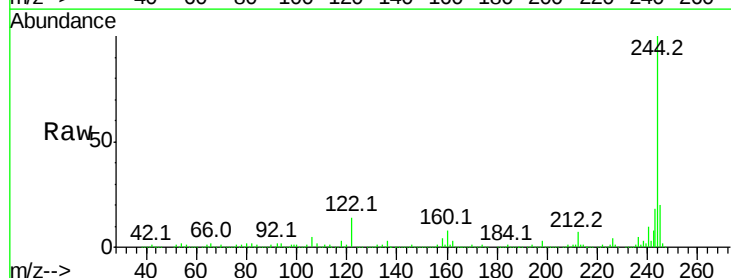
Tgt Ion:244 Resp: 931131

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

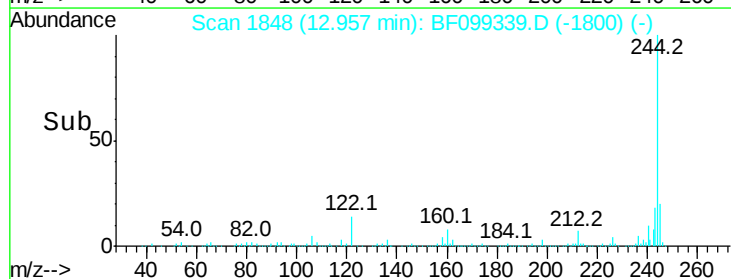
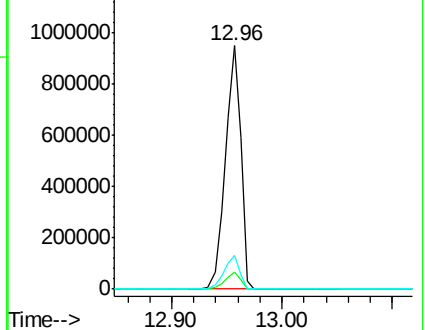
122 13.6 11.0 16.4

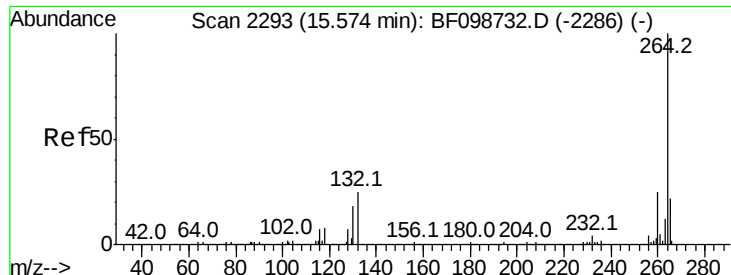


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

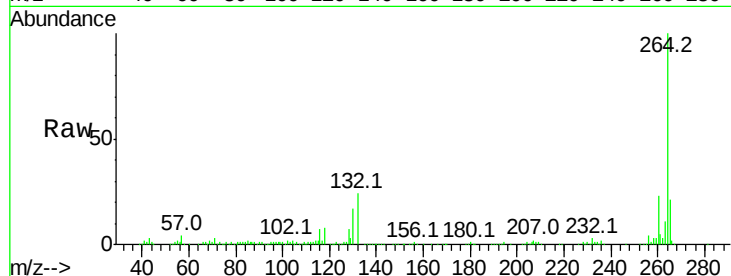




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BF099339.D
 Acq: 11 Oct 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 173074
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

