

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099365.D
 Acq On : 12 Oct 2017 00:56
 Operator : SJ/JU
 Sample : I5710-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 01:39:24 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

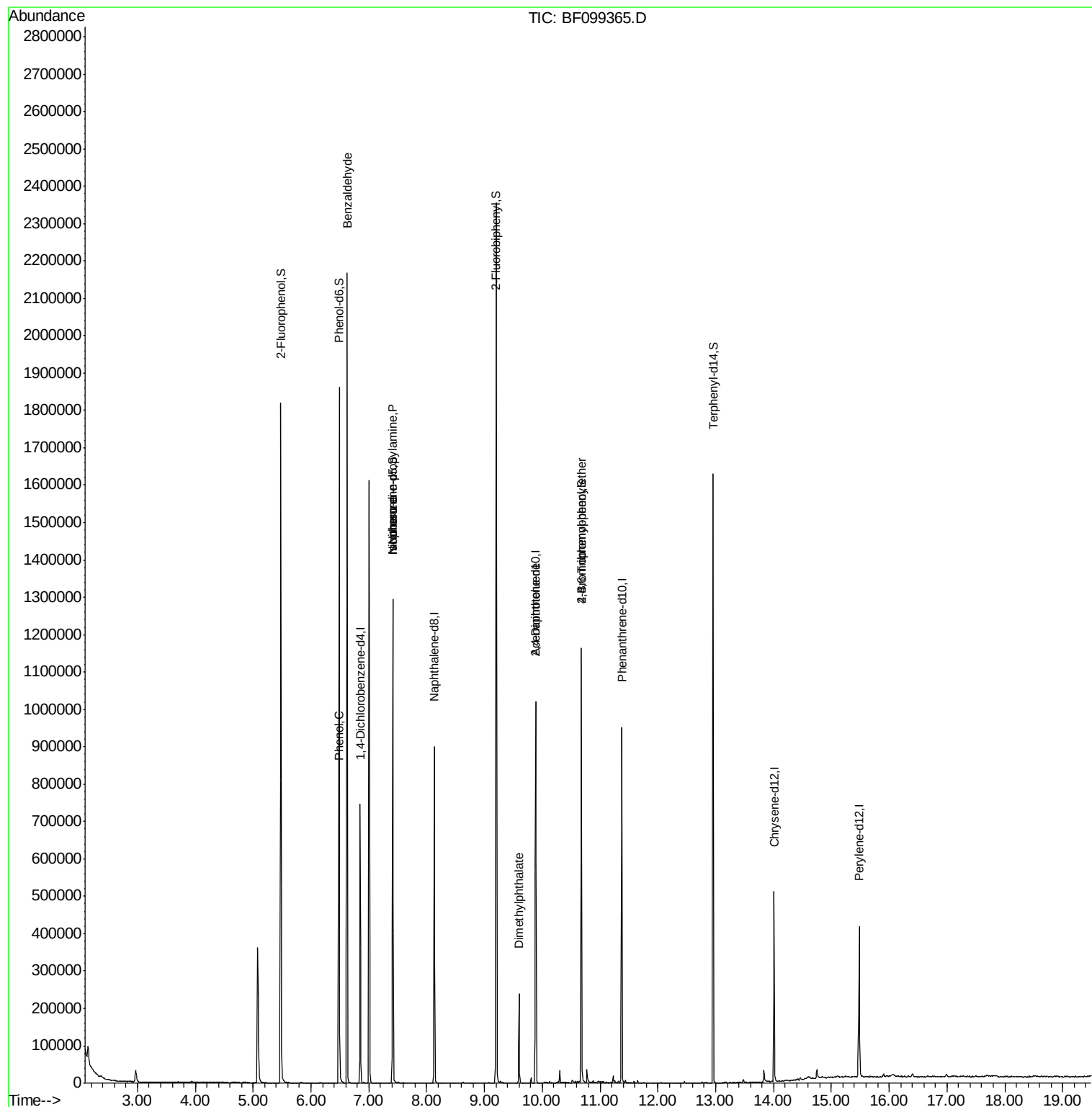
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102892	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	423802	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	188375	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	314873	20.00	ng	0.00
75) Chrysene-d12	14.01	240	157946	20.00	ng	0.00
86) Perylene-d12	15.48	264	171712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	573904	88.79	ng	0.01
7) Phenol-d6	6.49	99	693815	87.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	408011	61.74	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	130111	84.41	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	776570	68.82	ng	0.00
78) Terphenyl-d14	12.96	244	530383	76.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	11035	2.39	ng	92
10) Phenol	6.50	94	20503	2.30	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	51469	10.11	ng	# 74
25) Isophorone	7.42	82	408007	29.86	ng	# 64
49) Dimethylphthalate	9.60	163	94326	6.63	ng	100
56) 2,4-Dinitrotoluene	9.89	165	23226	5.78	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	8550	2.77	ng	# 1

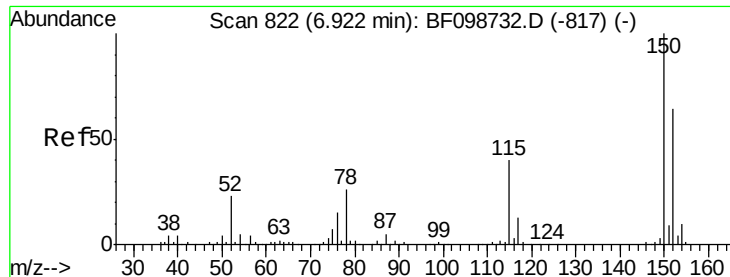
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099365.D

Acq: 12 Oct 2017 00:56

Instrument :

BNA_F

ClientSampleId :

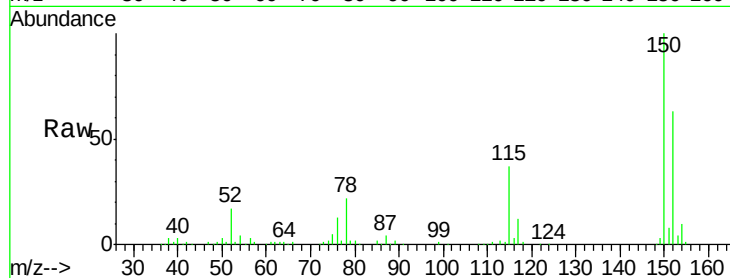
Tot Ion:152 Resp: 102892

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

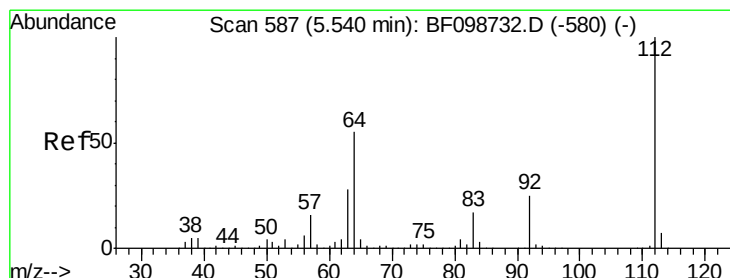
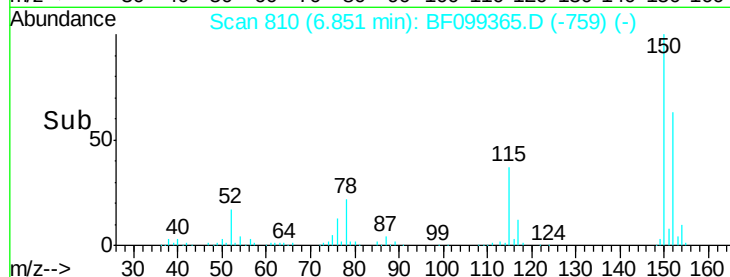
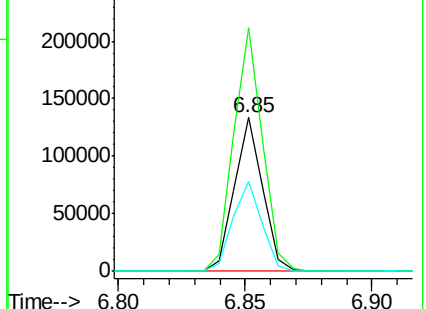
115 58.9 50.1 75.1



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: 88.79 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

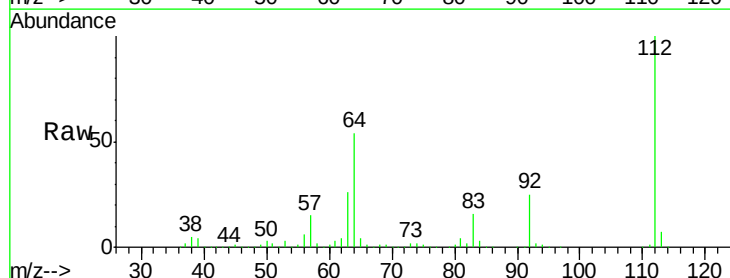
Tgt Ion:112 Resp: 573904

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

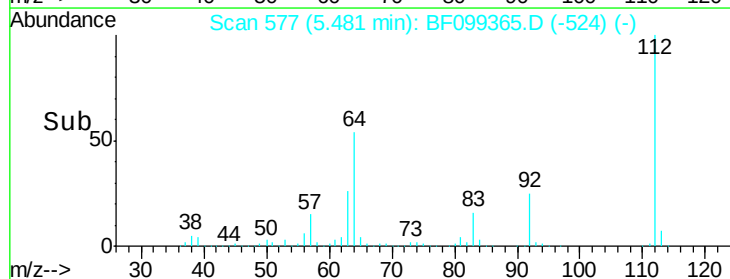
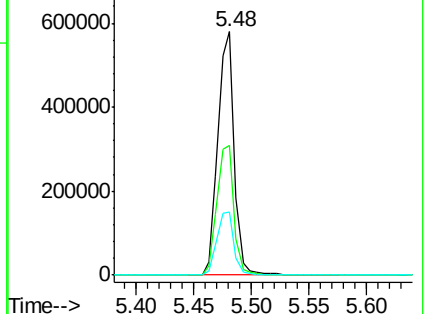
63 25.8 23.7 35.5

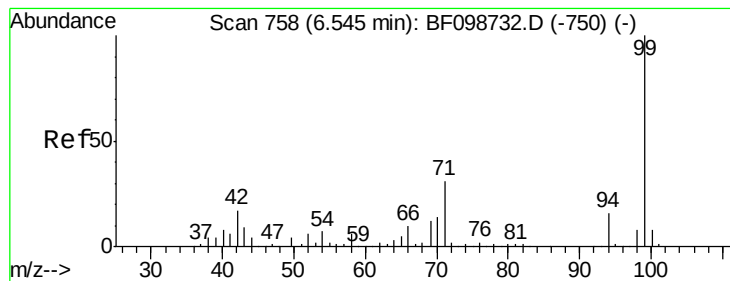


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.02 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

Instrument :

BNA_F

ClientSampled :

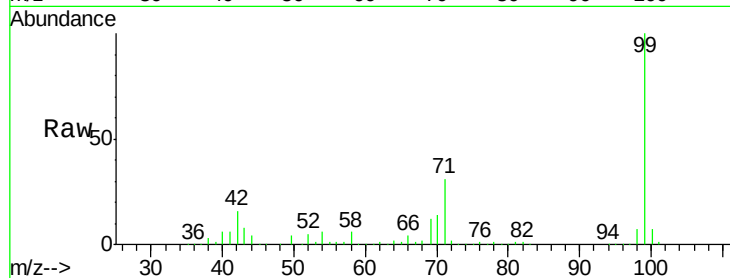
Tot Ion: 99 Resp: 693815

Ion Ratio Lower Upper

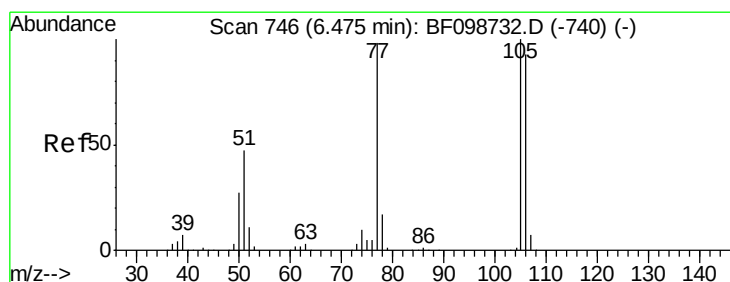
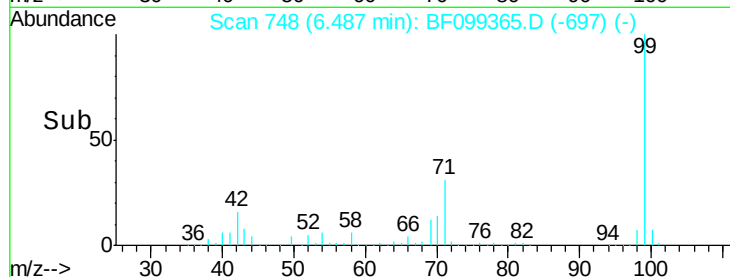
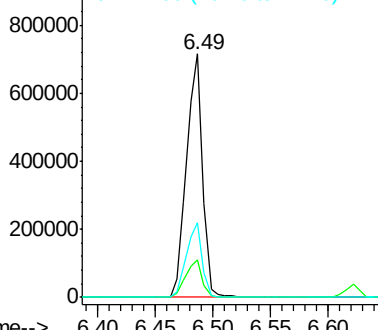
99 100

42 15.5 14.5 21.7

71 30.9 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: 2.39 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

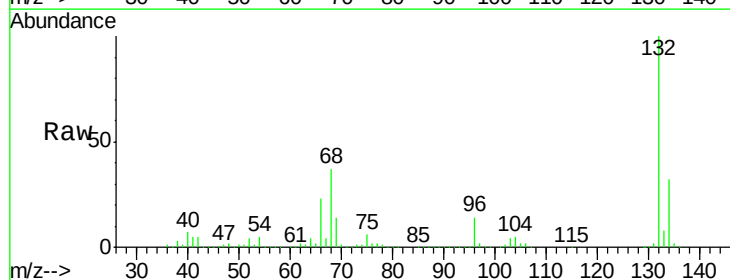
Tgt Ion: 77 Resp: 11035

Ion Ratio Lower Upper

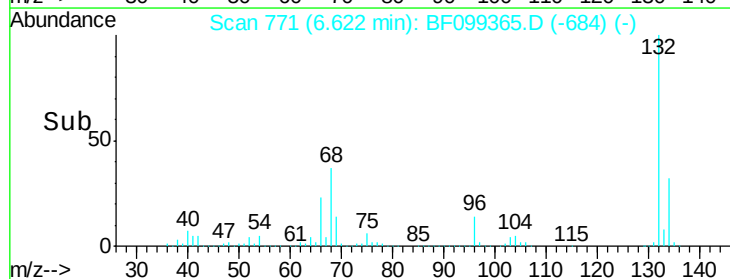
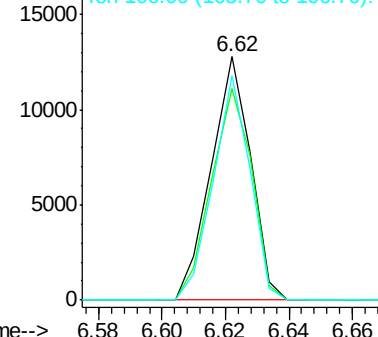
77 100

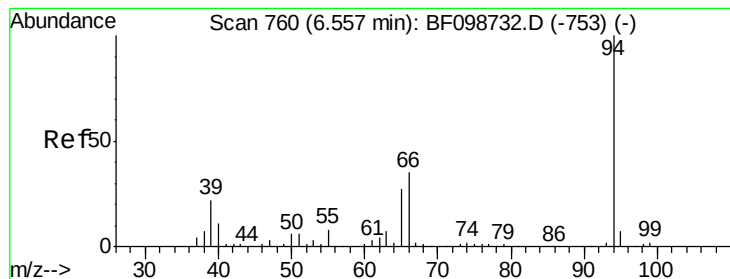
105 86.8 81.1 121.1

106 92.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.30 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

Instrument :

BNA_F

ClientSampleId :

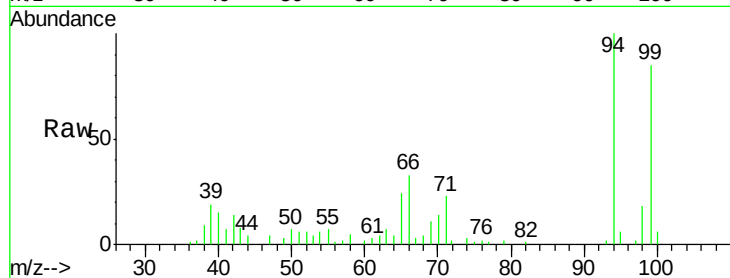
Tot Ion: 94 Resp: 20503

Ion Ratio Lower Upper

94 100

65 24.3 7.9 47.9

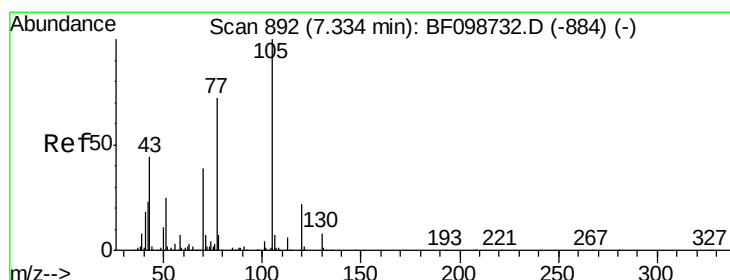
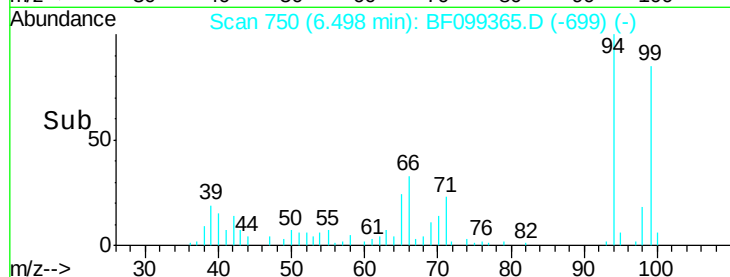
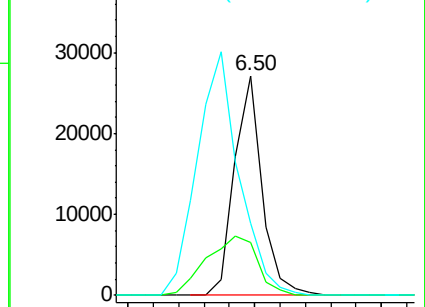
66 32.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.11 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

Tgt Ion: 70 Resp: 51469

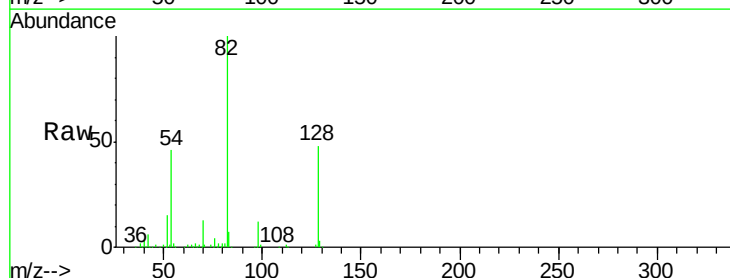
Ion Ratio Lower Upper

70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

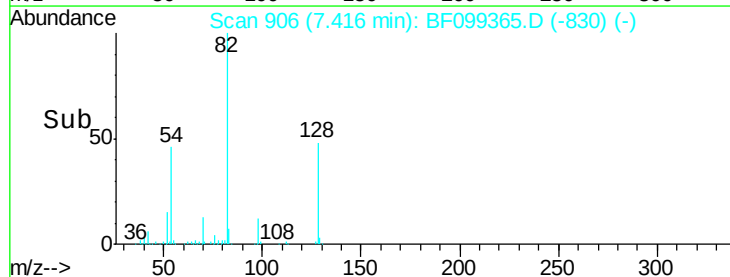
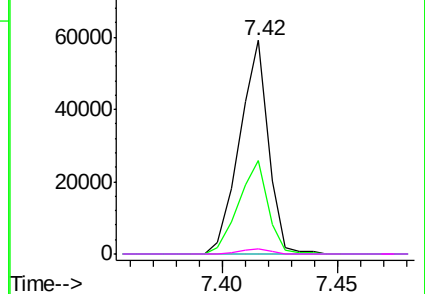


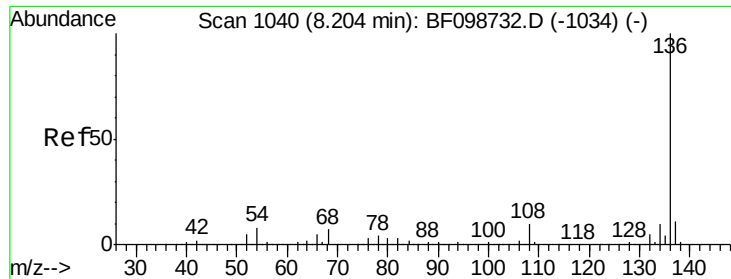
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

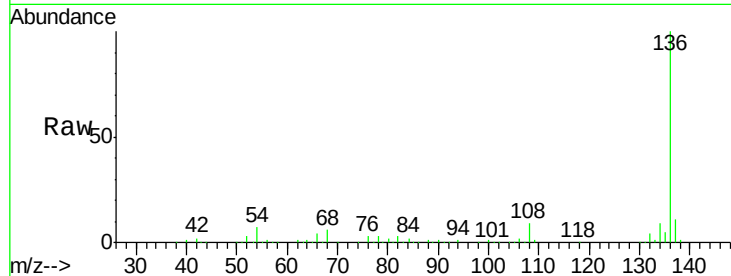




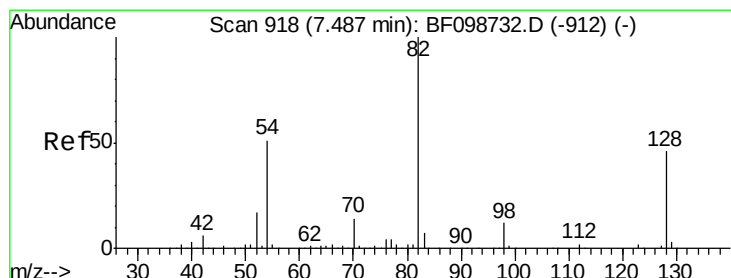
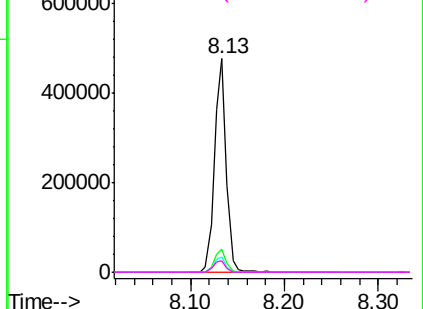
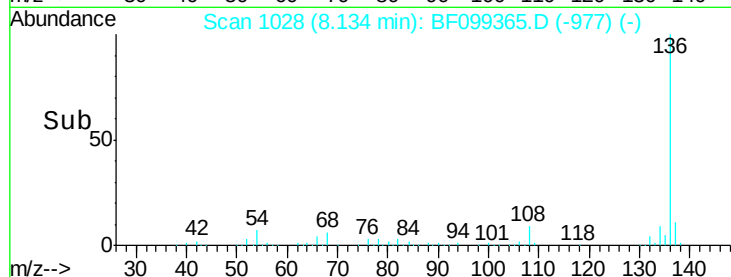
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	423802
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.9	6.6 9.8
68	5.7	5.0 7.4

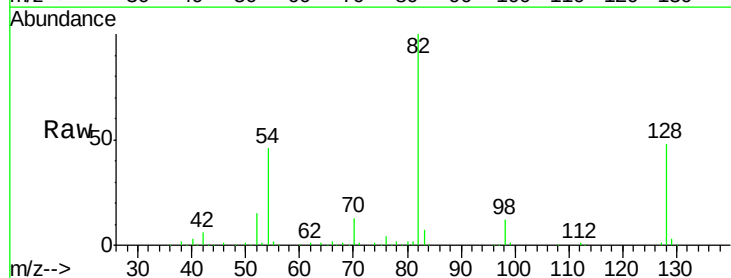


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

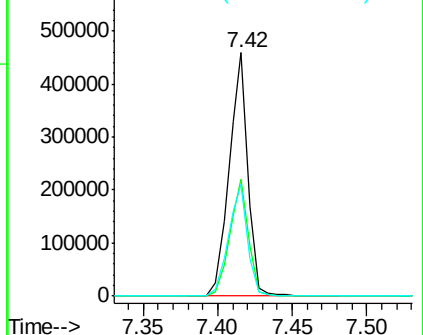
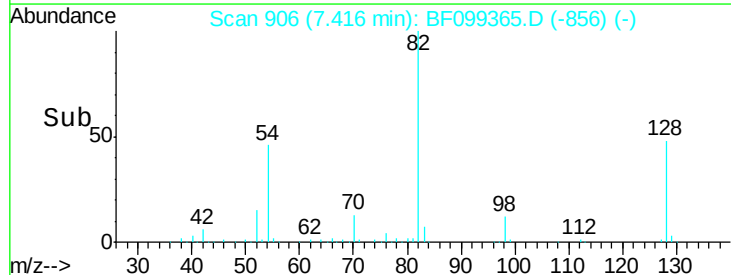


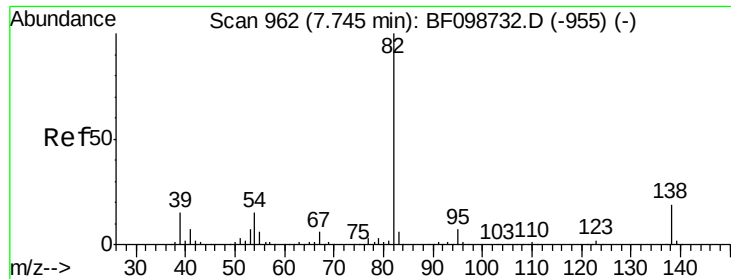
#23
Nitrobenzene-d5
Concen: 61.74 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

Tgt Ion: 82	Resp:	408011
Ion Ratio	Lower	Upper
82	100	
128	48.1	36.1 54.1
54	45.9	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: 29.86 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

Instrument :

BNA_F

ClientSampleId :

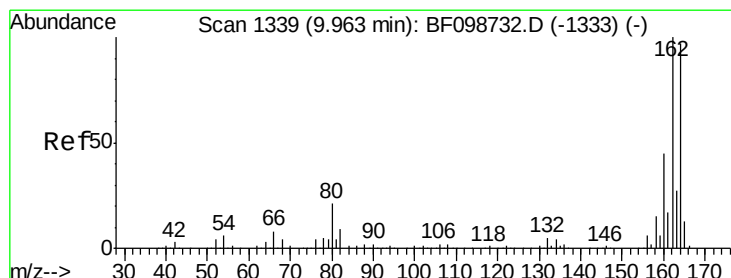
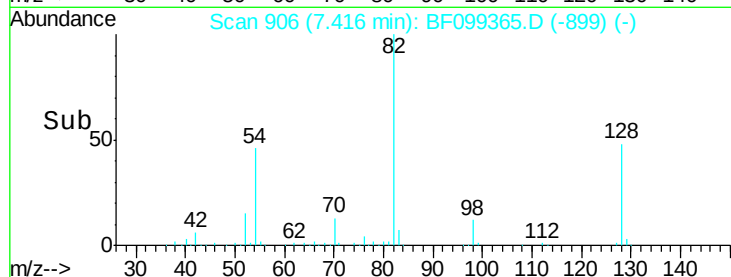
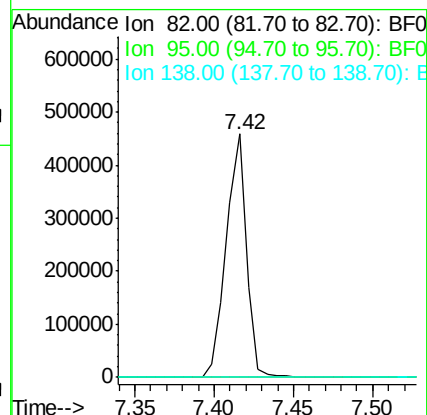
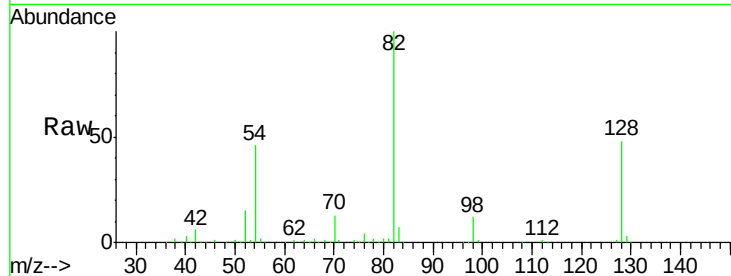
Tot Ion: 82 Resp: 408007

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

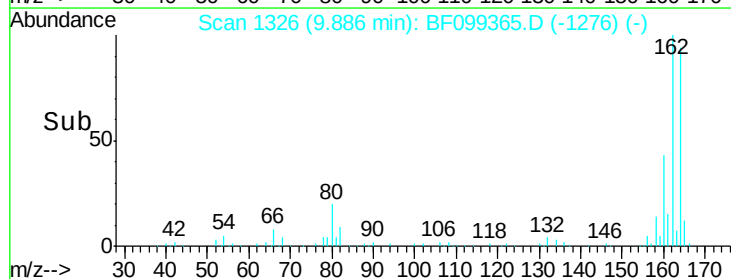
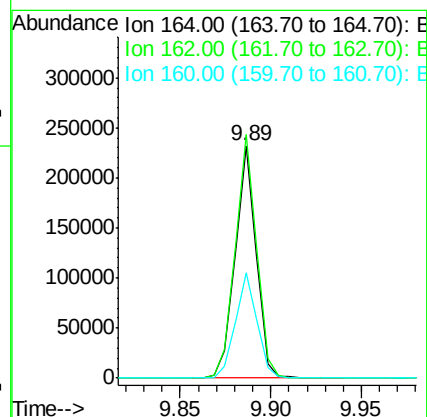
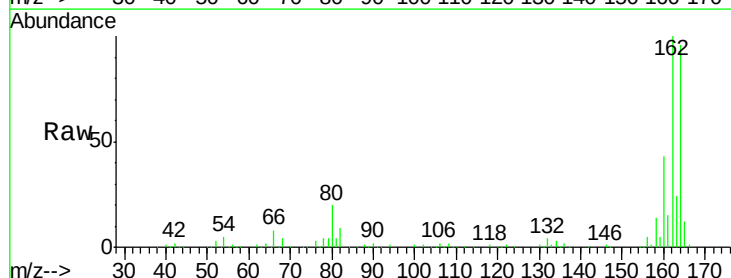
Tgt Ion: 164 Resp: 188375

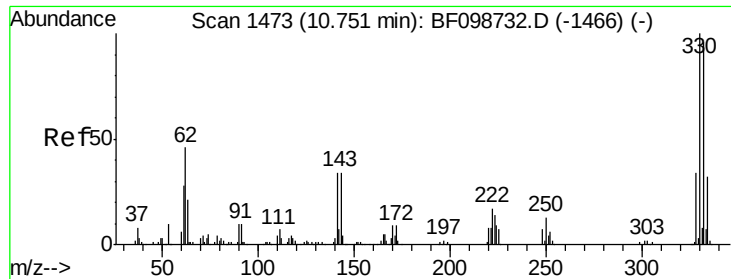
Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 45.2 38.3 57.5

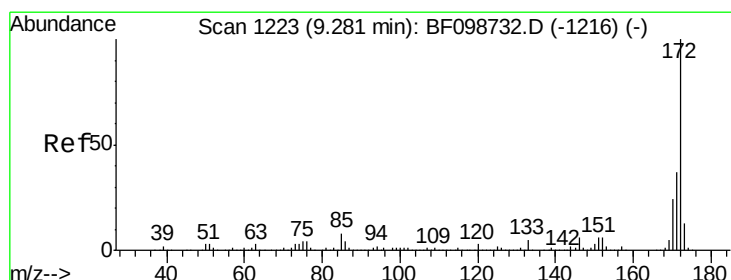
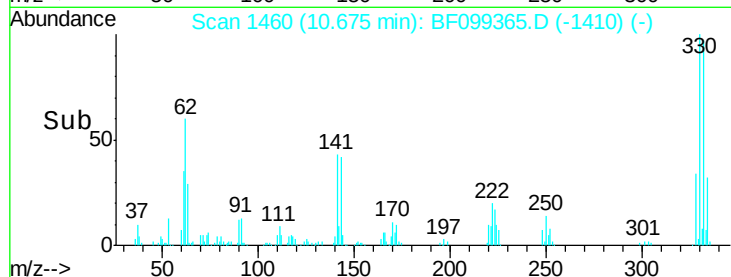
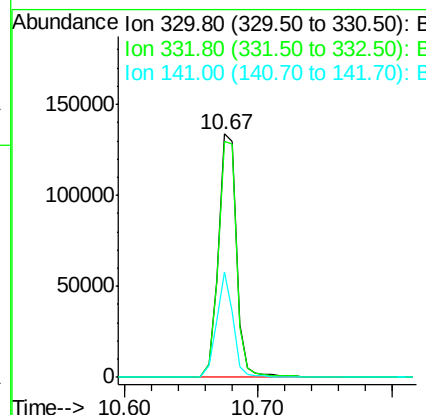
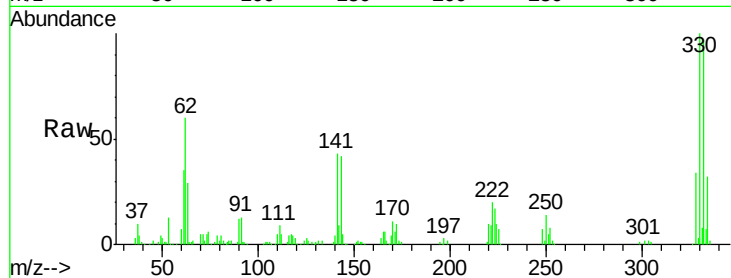




#41
 2,4,6-Tribromophenol
 Concen: 84.41 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099365.D
 Acq: 12 Oct 2017 00:56

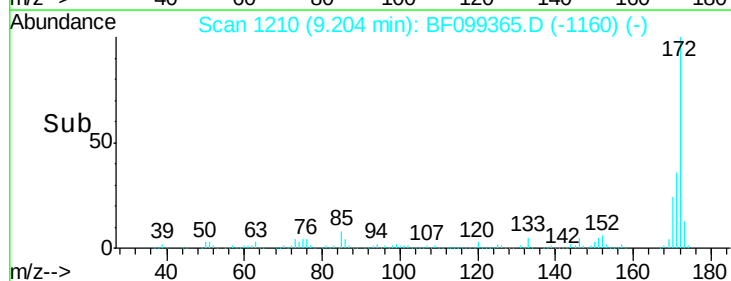
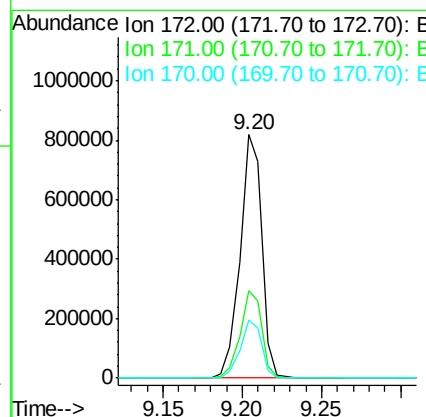
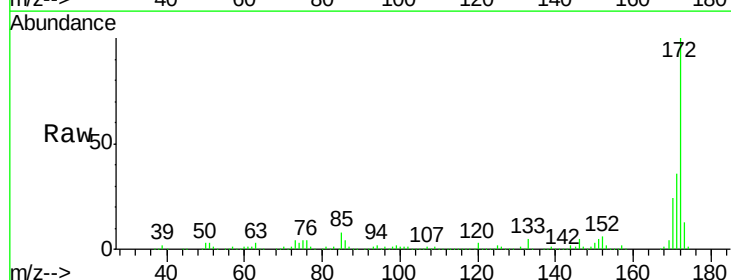
Instrument :
 BNA_F
 ClientSampleId :

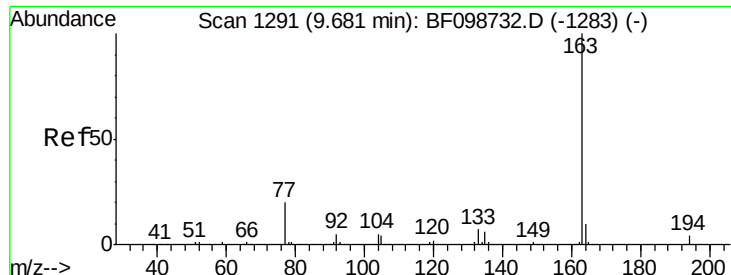
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.82 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099365.D
 Acq: 12 Oct 2017 00:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

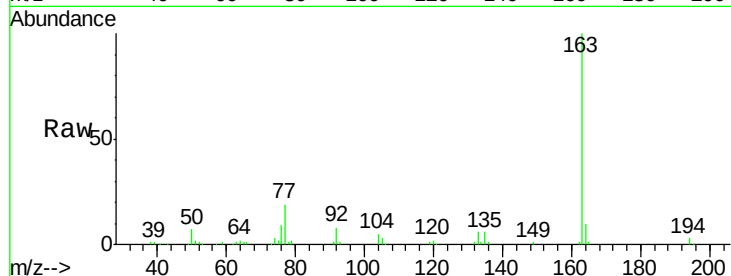




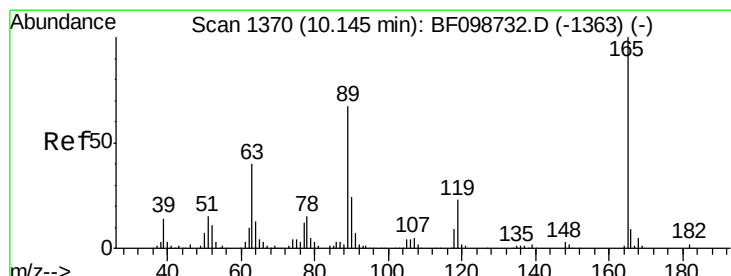
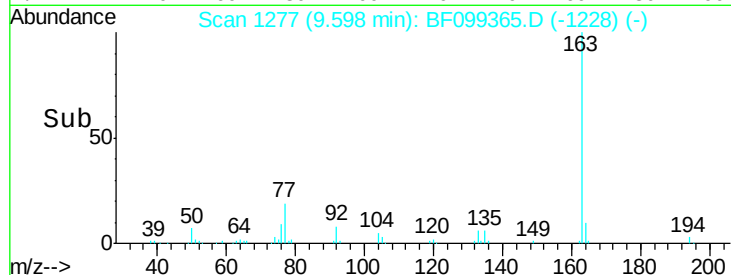
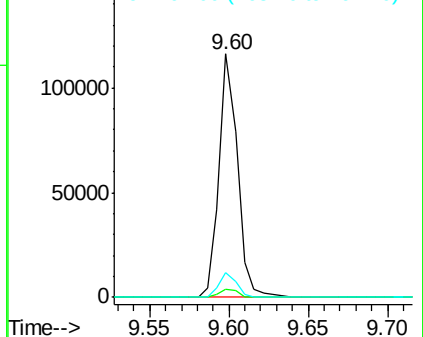
#49
Dimethylphthalate
Concen: 6.63 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 94326
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

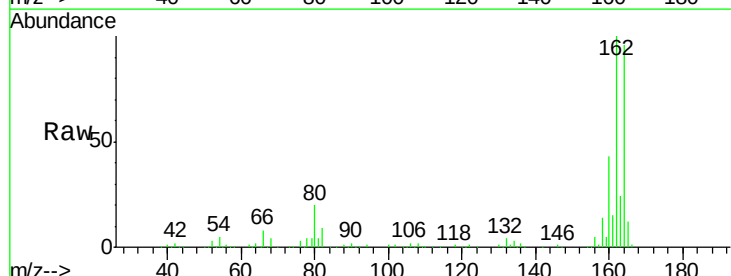


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

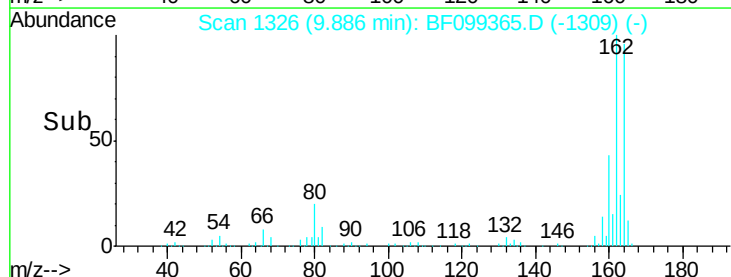
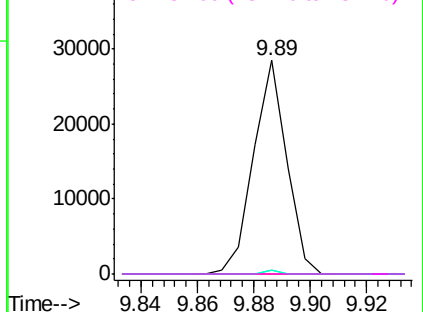


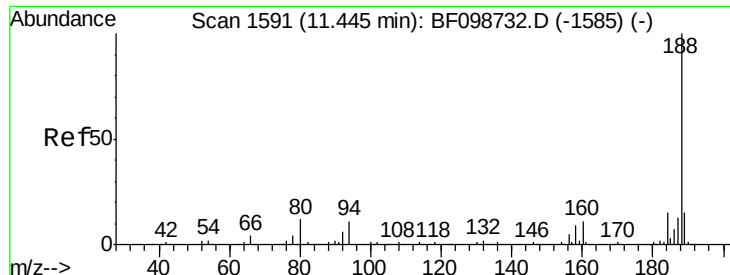
#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

Tgt Ion:165 Resp: 23226
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.6 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

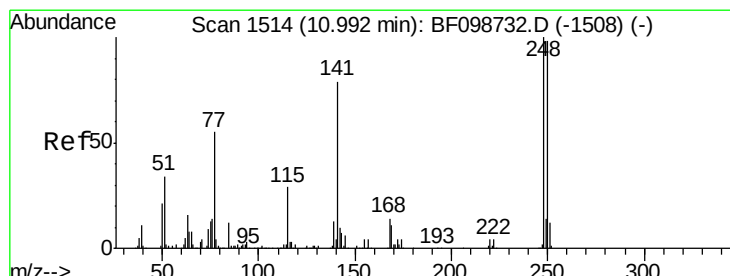
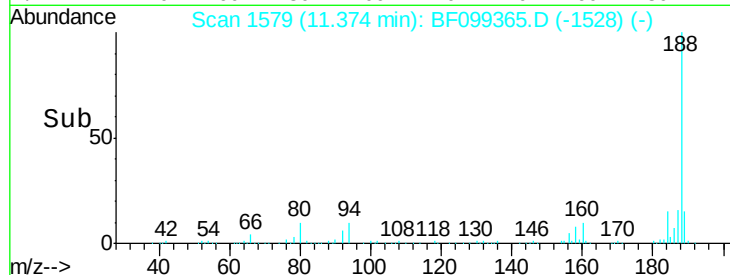
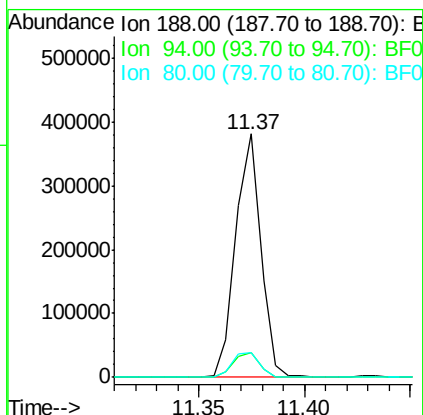
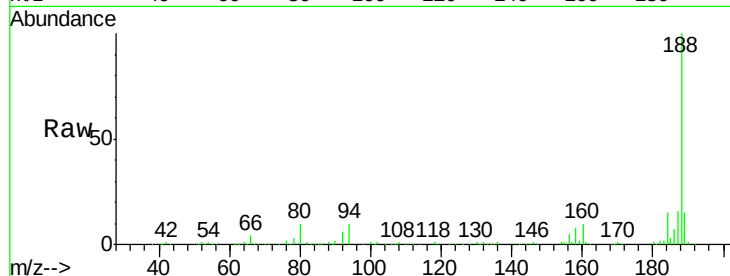




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

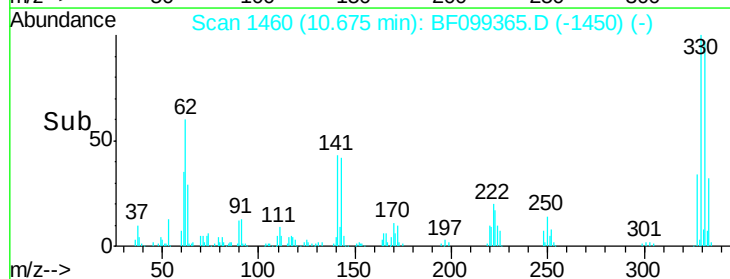
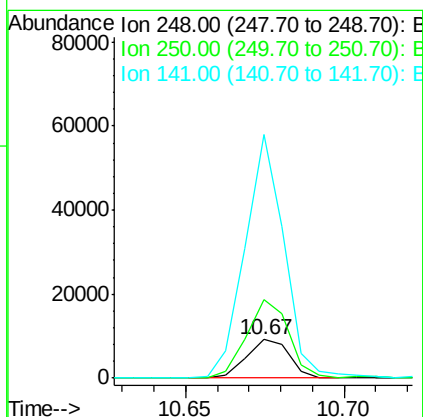
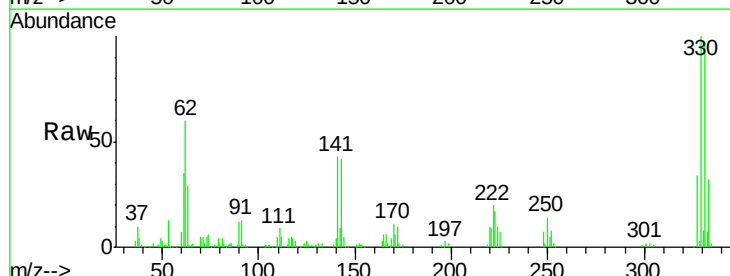
Instrument :
BNA_F
ClientSampleId :

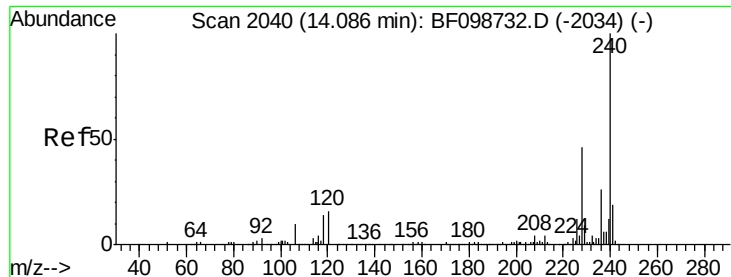
Tot Ion:188 Resp: 314873
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099365.D
Acq: 12 Oct 2017 00:56

Tgt Ion:248 Resp: 8550
Ion Ratio Lower Upper
248 100
250 205.1 76.9 115.3#
141 633.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

Instrument :

BNA_F

ClientSampleId :

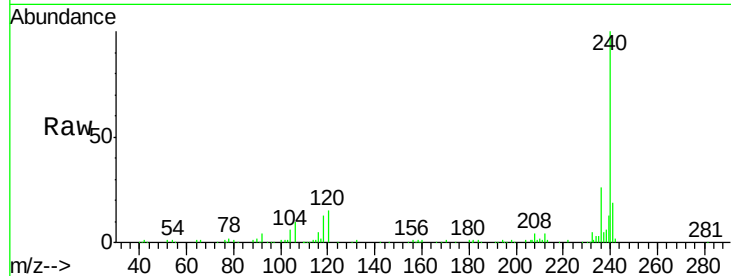
Tot Ion:240 Resp: 157946

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

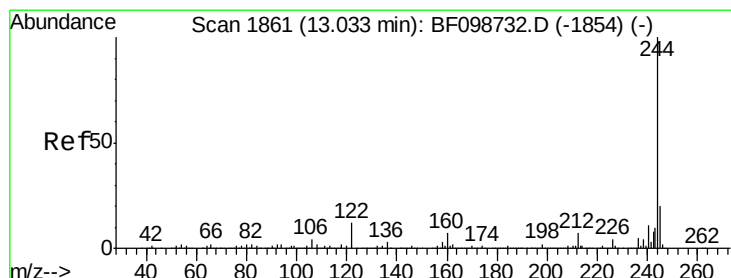
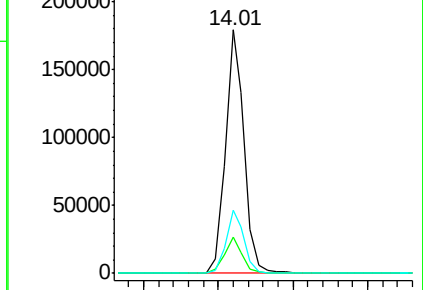
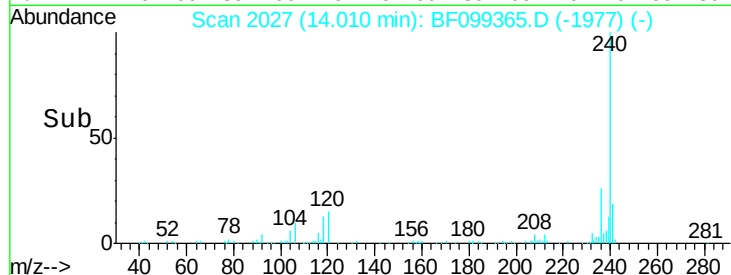
236 26.2 20.7 31.1



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: 76.37 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099365.D

Acq: 12 Oct 2017 00:56

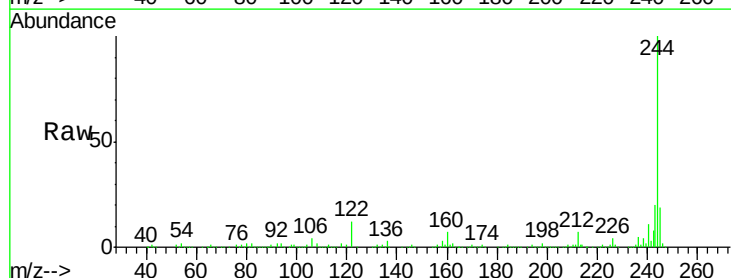
Tgt Ion:244 Resp: 530383

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

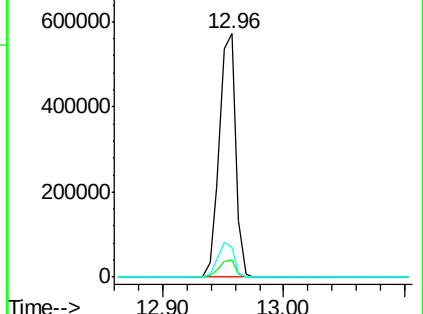
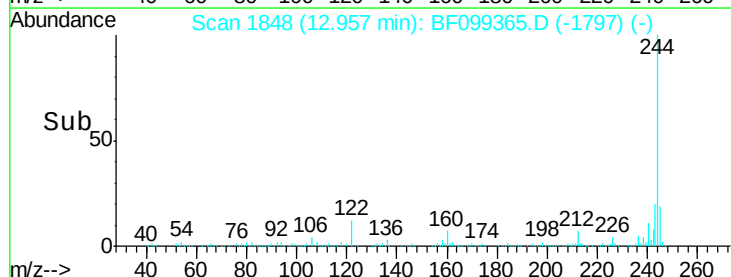
122 12.3 11.0 16.4

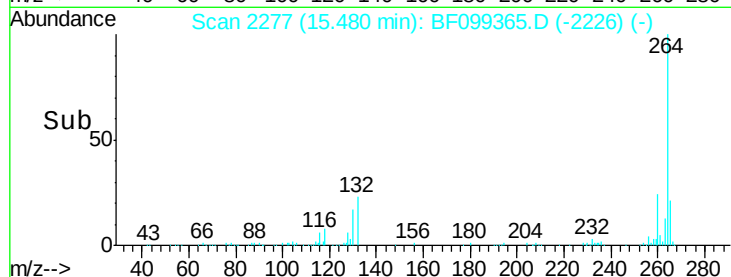
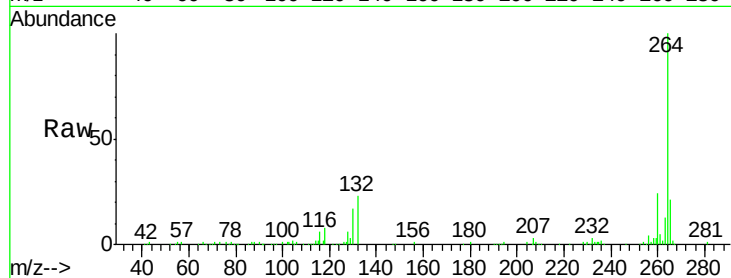
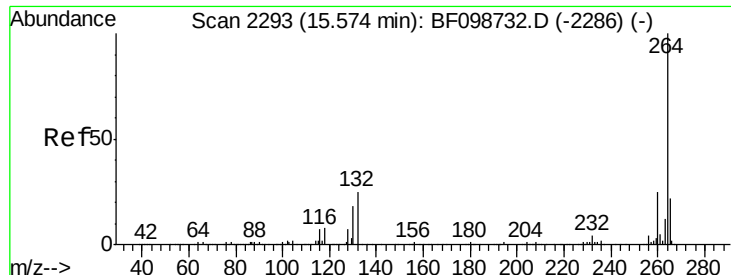


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099365.D
 Acq: 12 Oct 2017 00:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	171712
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

