

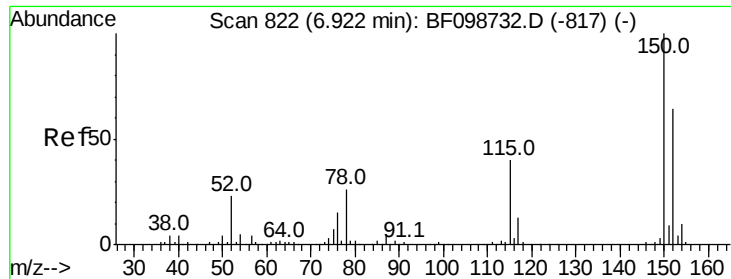
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099393.D
 Acq On : 12 Oct 2017 14:05
 Operator : SJ/JU
 Sample : I5758-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:23:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113136	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	465935	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	205106	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	327660	20.00	ng	0.00
75) Chrysene-d12	14.01	240	184207	20.00	ng	0.00
86) Perylene-d12	15.48	264	189864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	952166	133.98	ng	0.01
7) Phenol-d6	6.49	99	1161065	132.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	699206	96.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	226221	134.79	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1183583	96.34	ng	0.00
78) Terphenyl-d14	12.96	244	805430	99.44	ng	0.00
Target Compounds						
10) Phenol	6.50	94	36892	3.763	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	88216	15.760	ng	# 73
25) Isophorone	7.42	82	699200	46.547	ng	# 64
49) Dimethylphthalate	9.60	163	239485	15.470	ng	99
56) 2,4-Dinitrotoluene	9.89	165	25442	5.817	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	14942	4.659	ng	# 1
84) Di-n-octyl phthalate	14.62	149	53510	3.656	ng	# 58

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

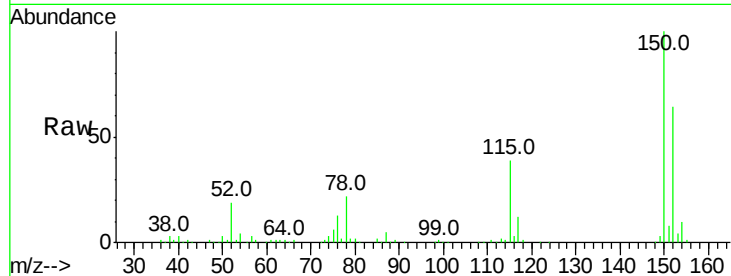


#1

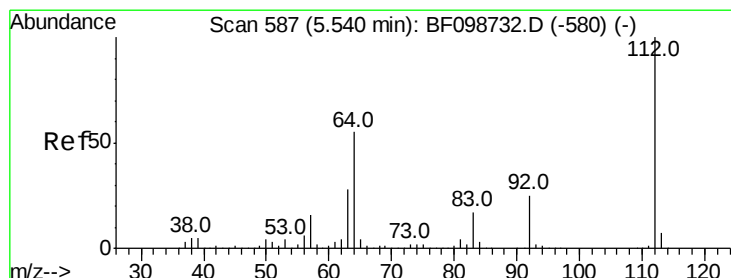
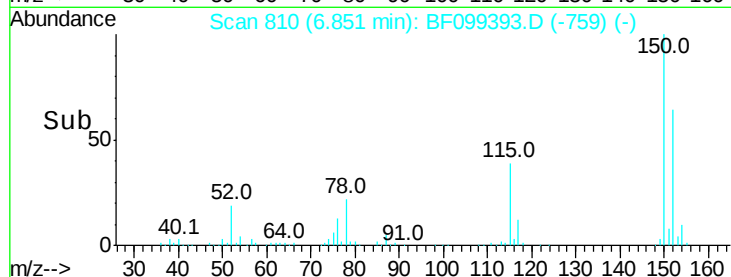
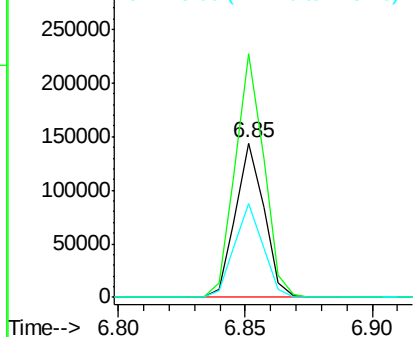
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113136
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.7 50.1 75.1



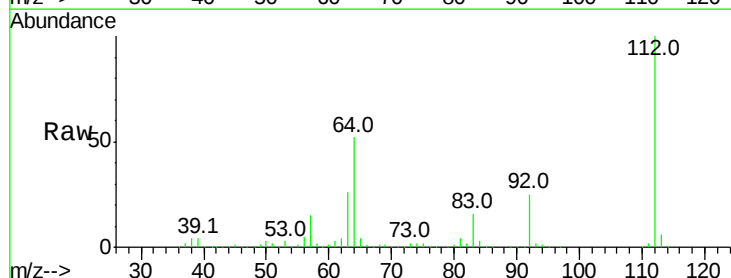
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



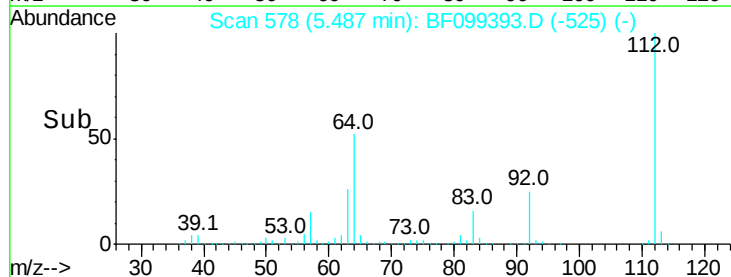
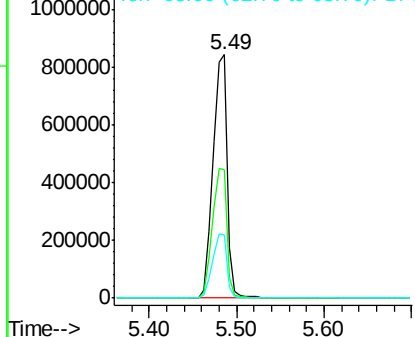
#5

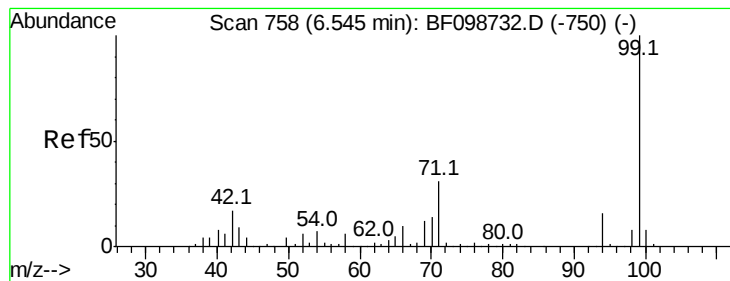
2-Fluorophenol
Concen: 133.976 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Tgt Ion:112 Resp: 952166
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.7 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: 132.432 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099393.D

Acq: 12 Oct 2017 14:05

Instrument :

BNA_F

ClientSampled :

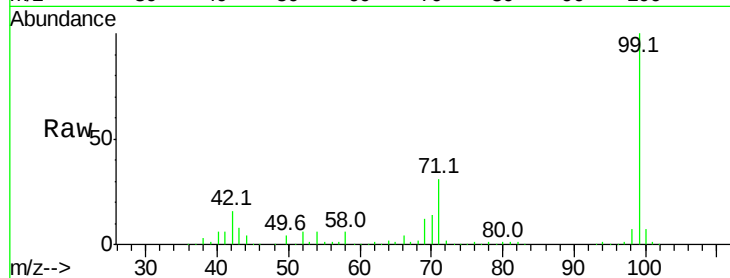
Tot Ion: 99 Resp: 1161065

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

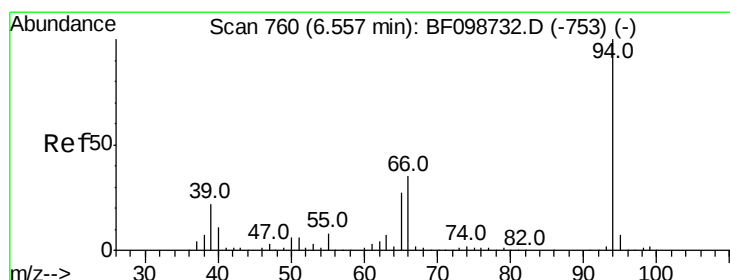
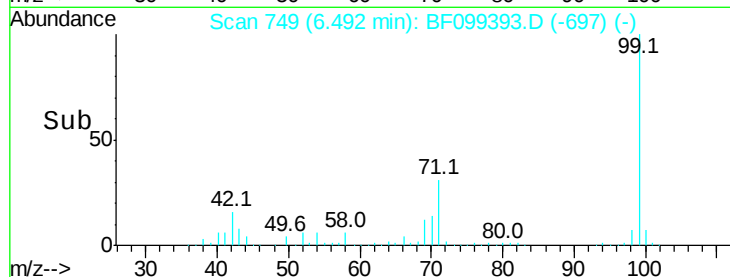
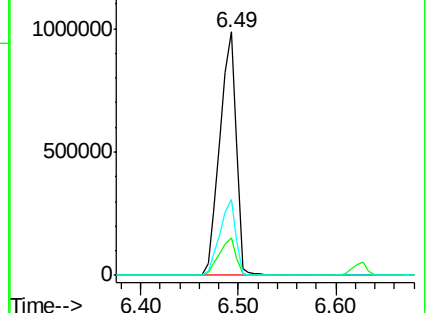
71 31.3 25.4 38.0



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



#10

Phenol

Concen: 3.763 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF099393.D

Acq: 12 Oct 2017 14:05

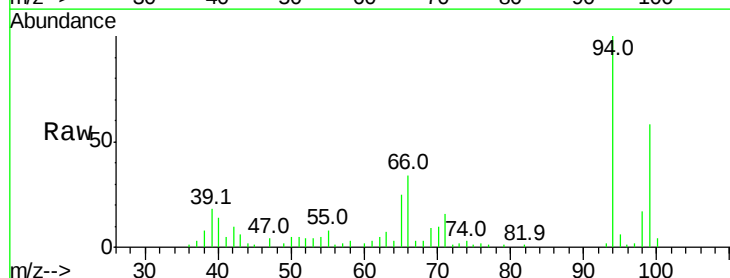
Tgt Ion: 94 Resp: 36892

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

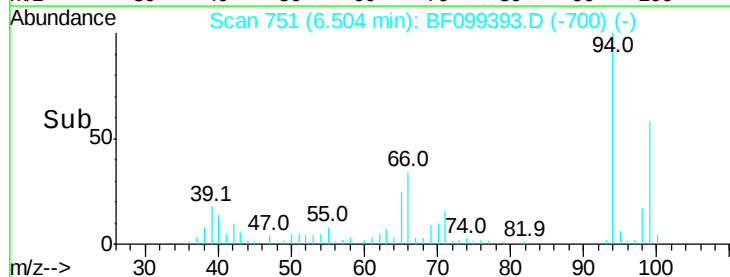
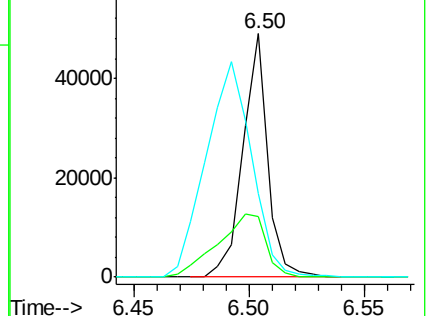
66 34.3 16.2 56.2

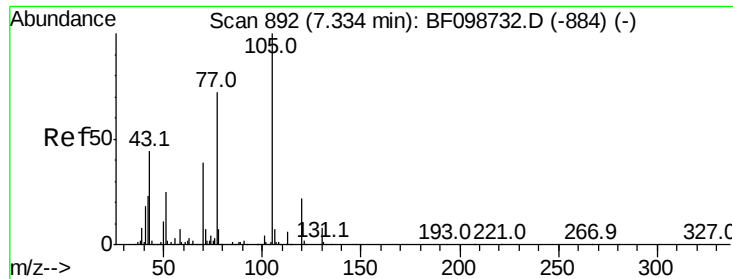


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

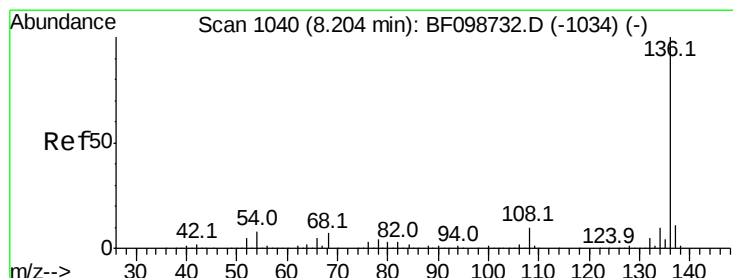
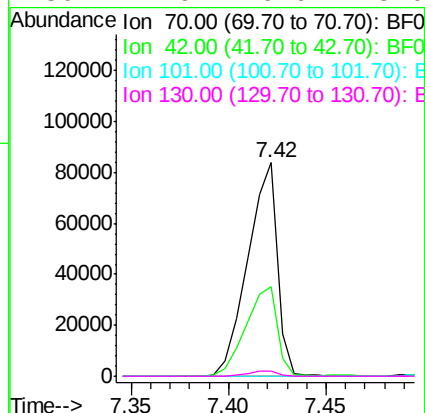
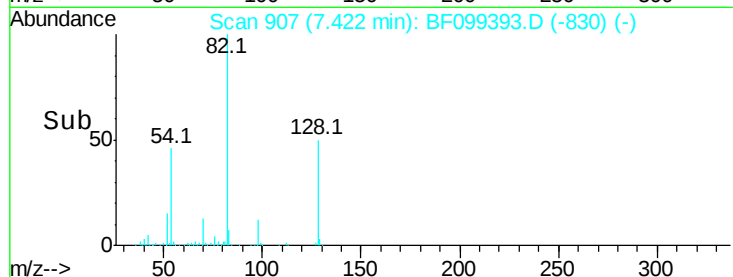
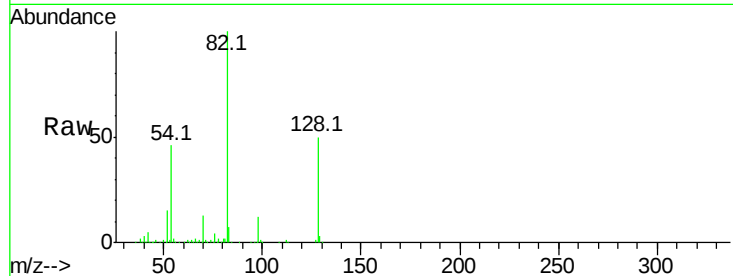




#19
n-Nitroso-di-n-propylamine
Concen: 15.760 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

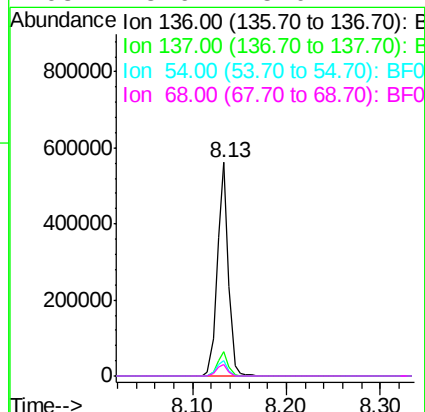
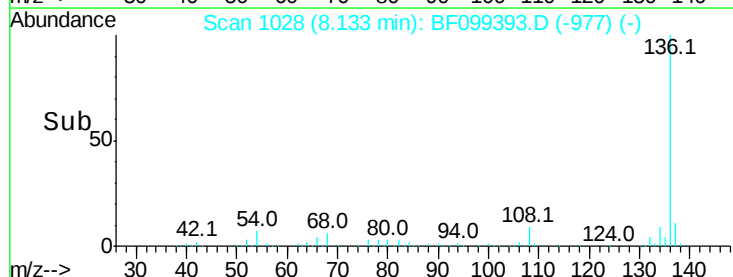
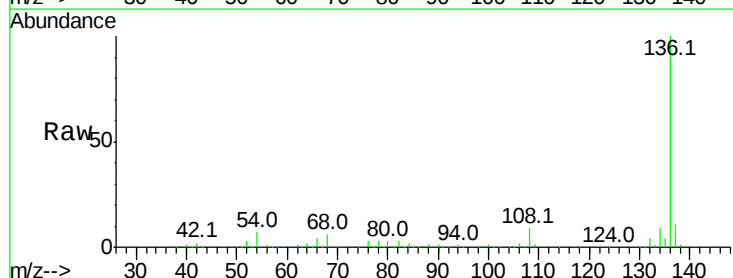
Instrument :
BNA_F
ClientSampleId :

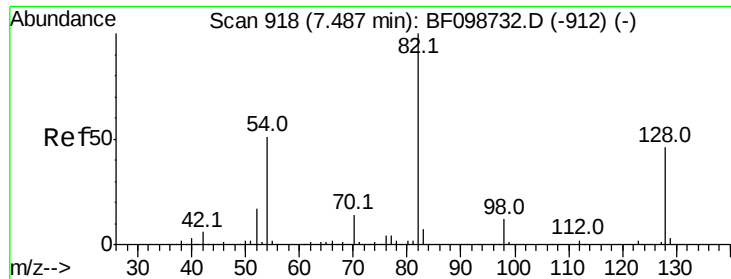
Tot Ion: 70 Resp: 88216
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Tgt Ion: 136 Resp: 465935
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 6.6 9.8
68 5.6 5.0 7.4

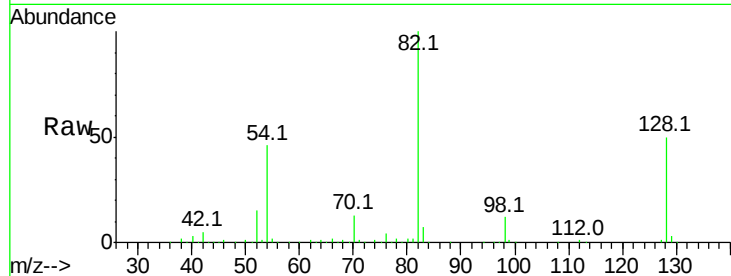




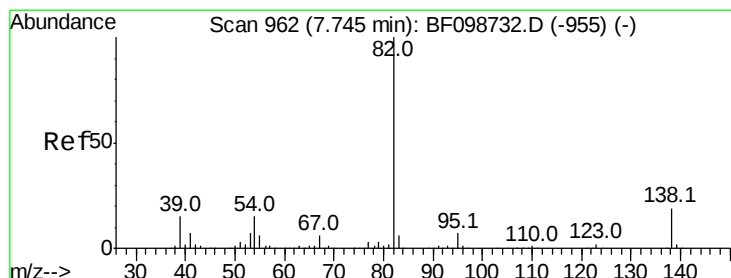
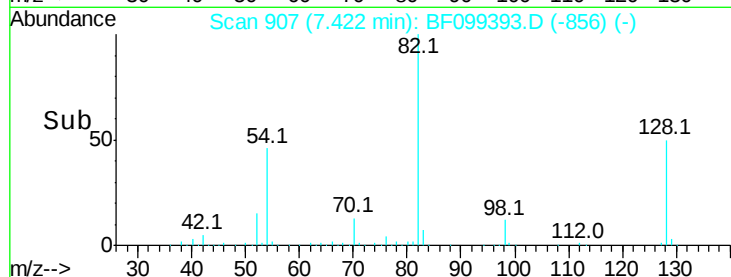
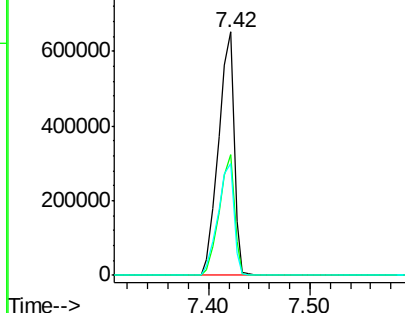
#23
Nitrobenzene-d5
Concen: 96.237 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	699206
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	45.9	41.4	62.2

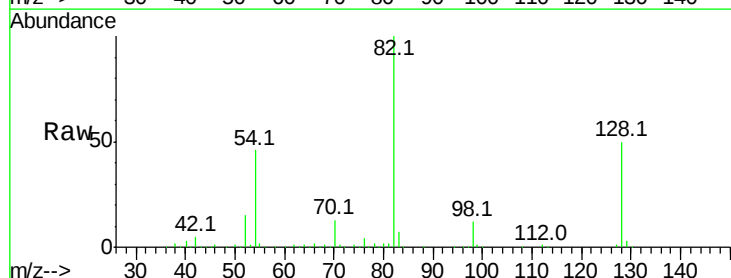


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

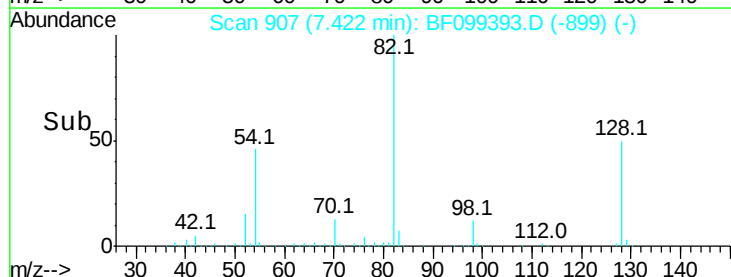
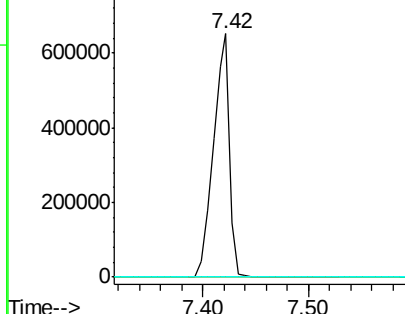


#25
Isophorone
Concen: 46.547 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Tgt Ion	82	Resp	699200
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

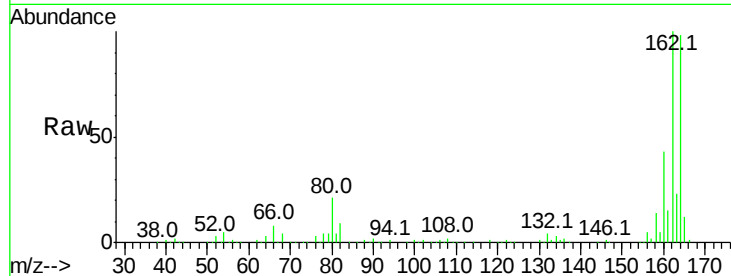




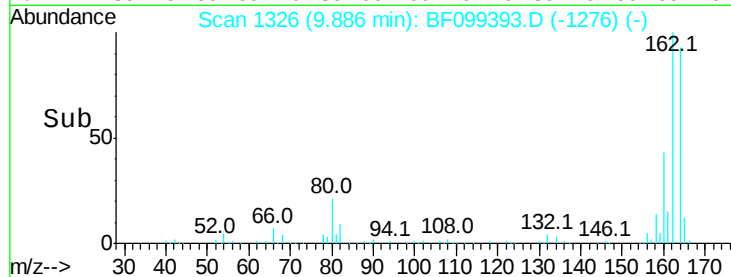
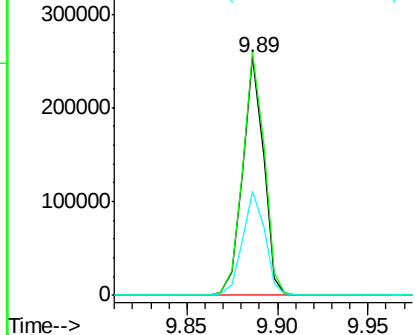
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 205106
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 43.7 38.3 57.5

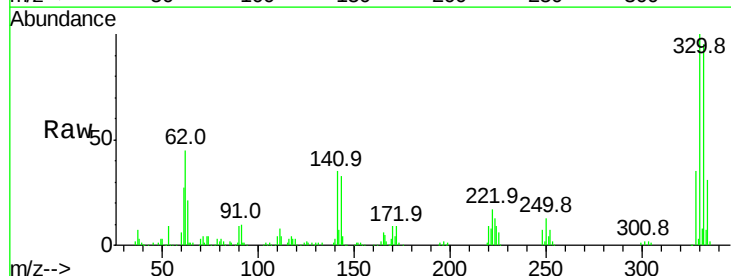


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

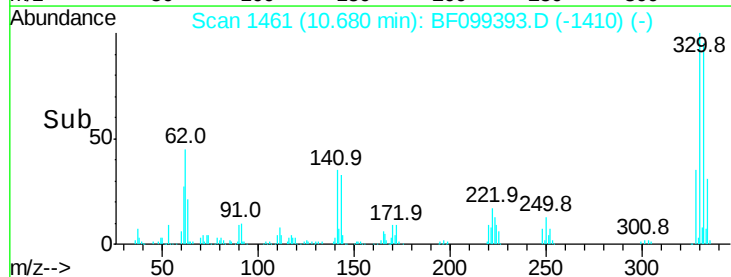
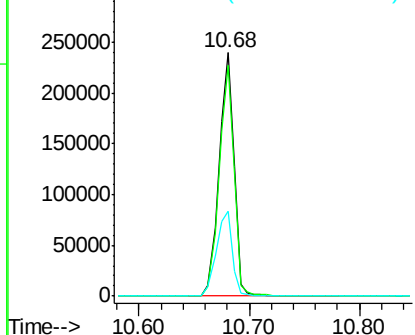


#41
2,4,6-Tribromophenol
Concen: 134.790 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Tgt Ion:330 Resp: 226221
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 37.1 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

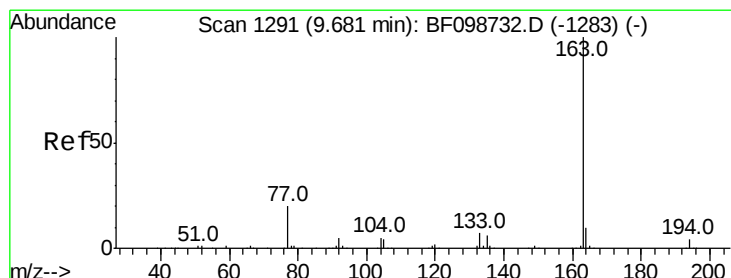
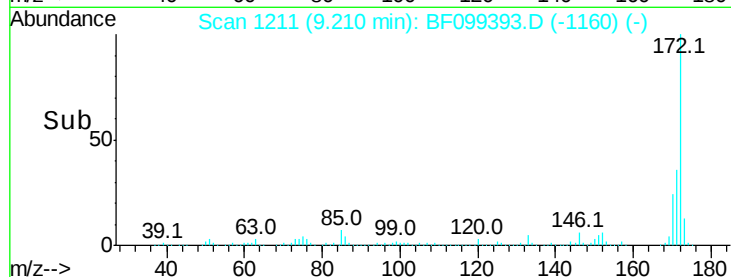
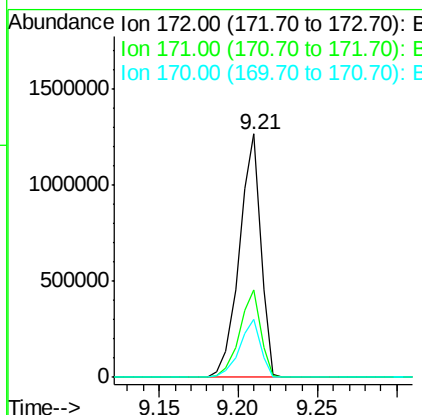
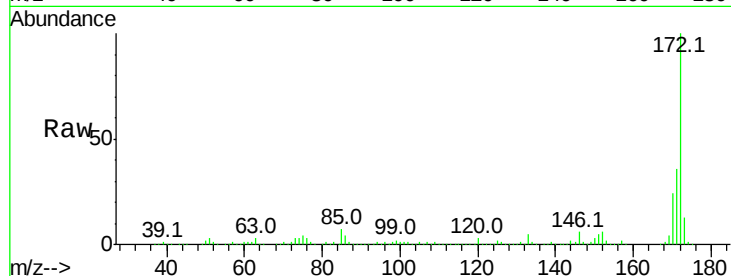




#44
2-Fluorobiphenyl
Concen: 96.335 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

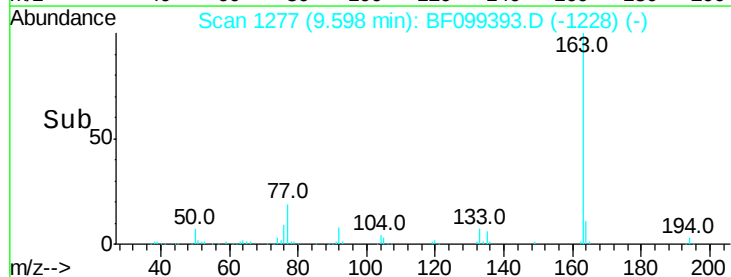
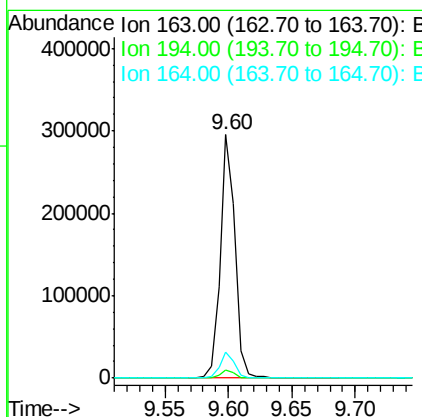
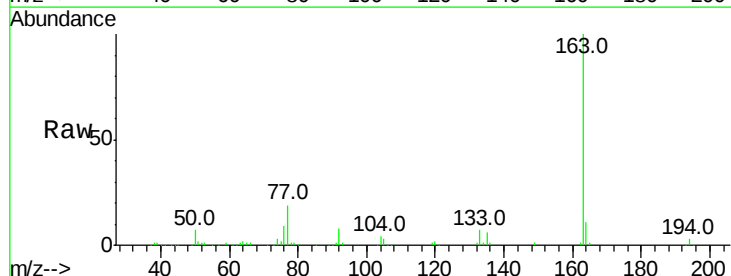
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1183583
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 15.470 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099393.D
Acq: 12 Oct 2017 14:05

Tgt Ion:163 Resp: 239485
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.9 8.2 12.2

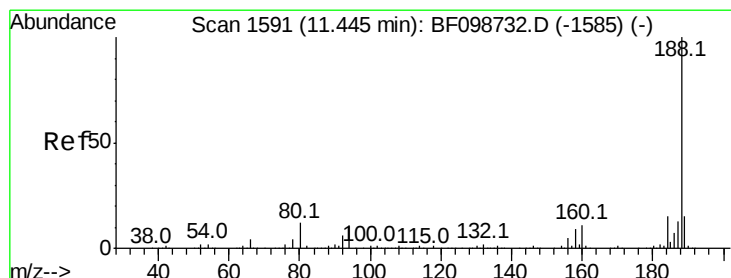
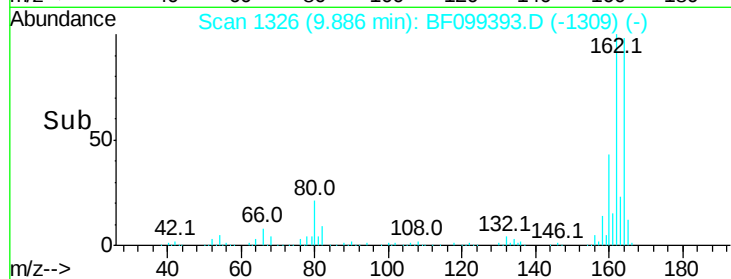
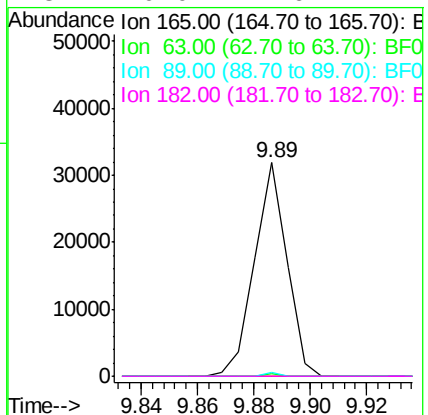
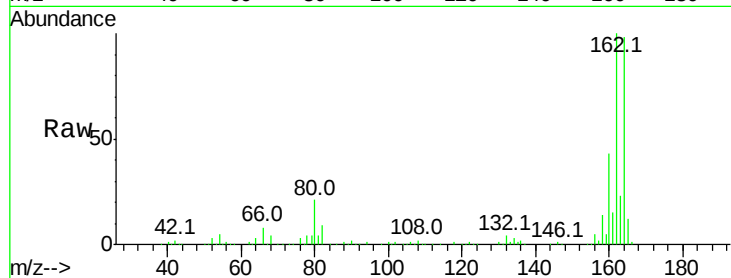




#56
 2,4-Dinitrotoluene
 Concen: 5.817 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099393.D
 Acq: 12 Oct 2017 14:05

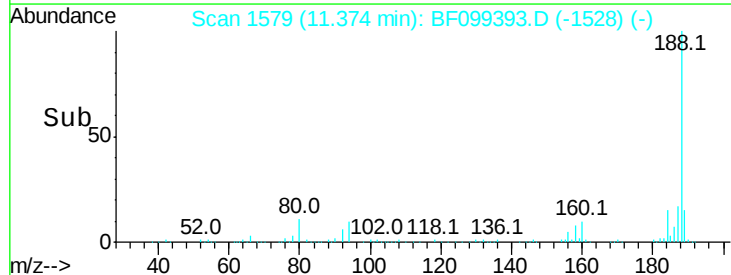
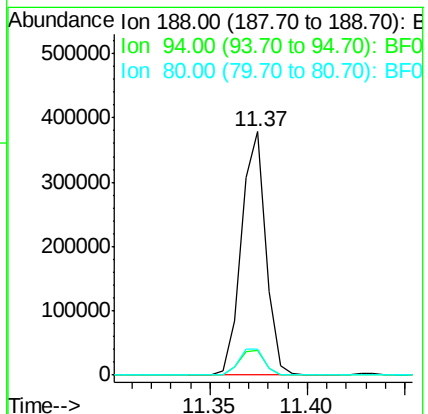
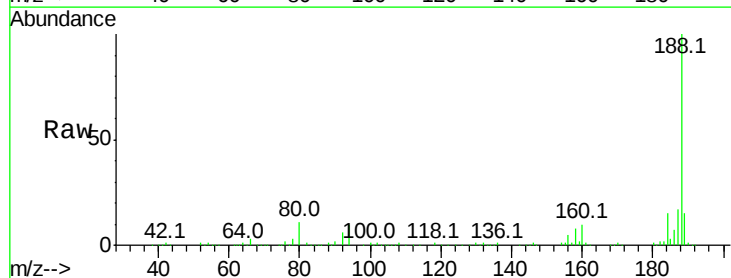
Instrument :
 BNA_F
 ClientSampleId :

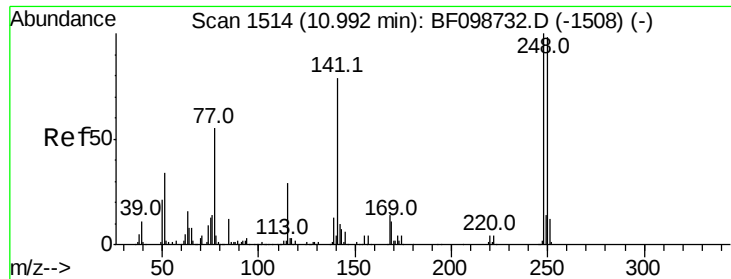
Tot Ion:165 Resp: 25442
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099393.D
 Acq: 12 Oct 2017 14:05

Tgt Ion:188 Resp: 327660
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.6 9.2 13.8

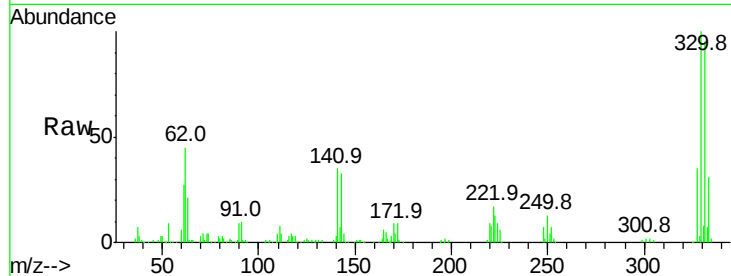




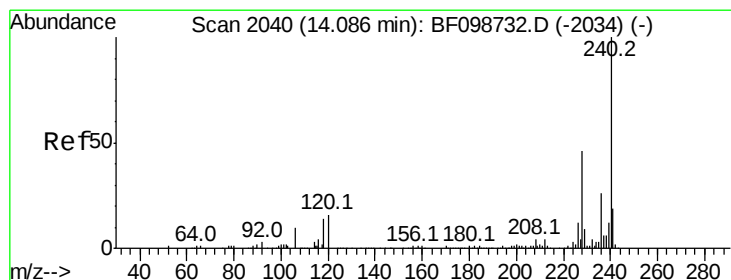
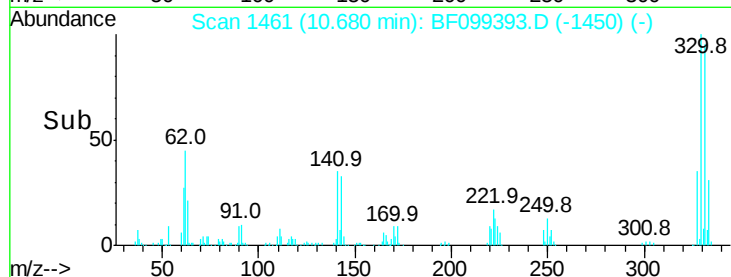
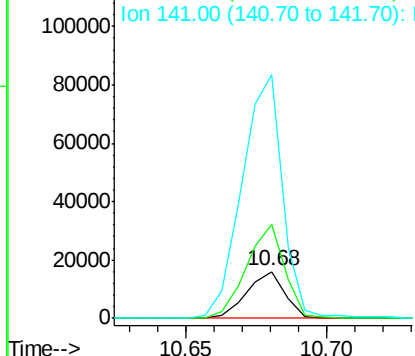
#66
 4-Bromophenyl-phenylether
 Concen: 4.659 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099393.D
 Acq: 12 Oct 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14942
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.9 115.3#
 141 516.9 74.4 111.6#

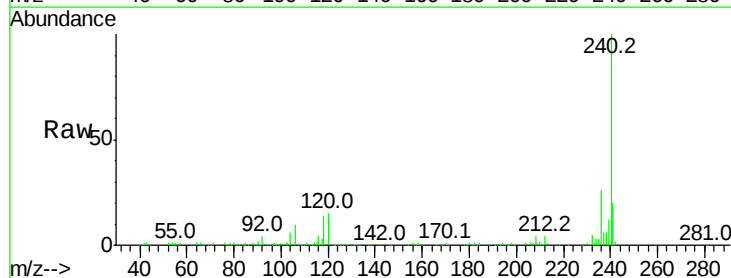


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

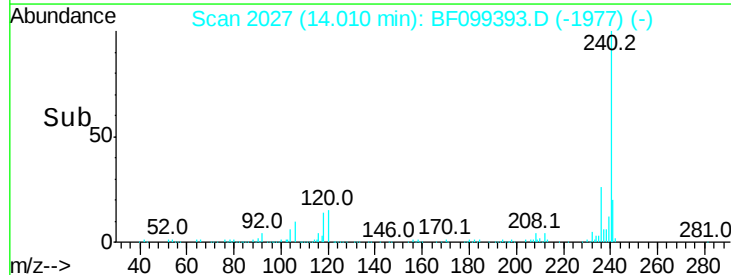
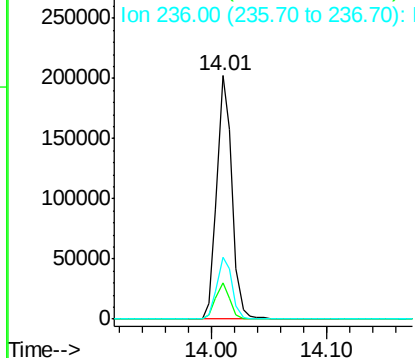


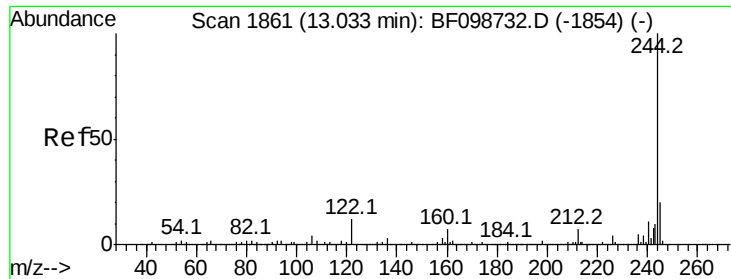
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099393.D
 Acq: 12 Oct 2017 14:05

Tgt Ion:240 Resp: 184207
 Ion Ratio Lower Upper
 240 100
 120 14.8 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: 99.438 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099393.D

Acq: 12 Oct 2017 14:05

Instrument :

BNA_F

ClientSampleId :

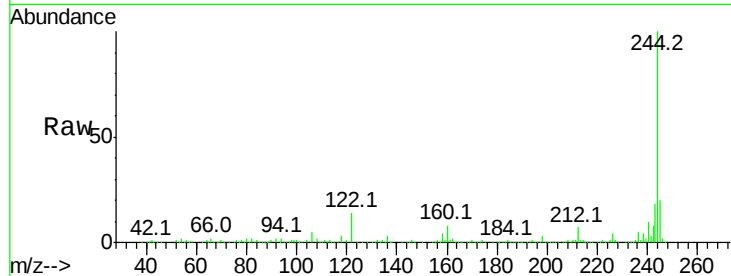
Tot Ion:244 Resp: 805430

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

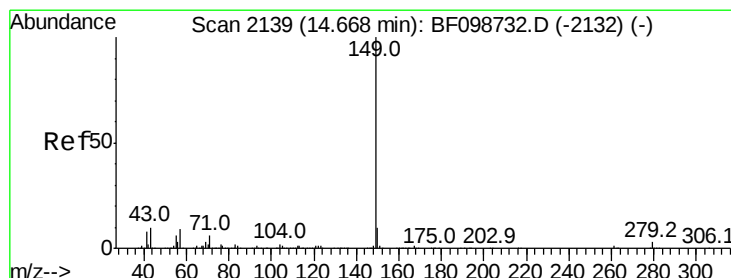
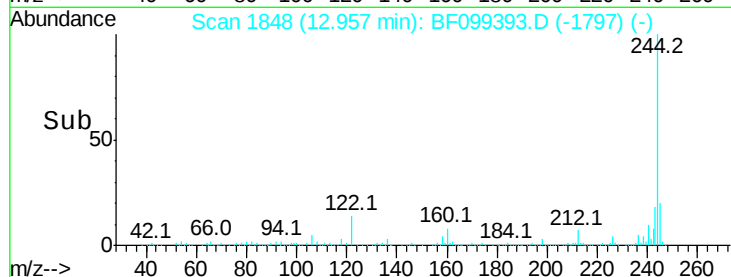
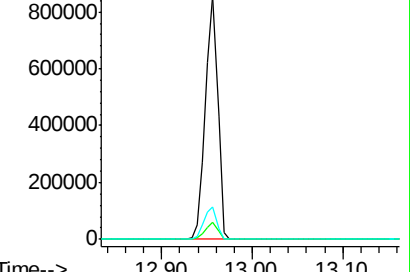
122 13.5 11.0 16.4



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



#84

Di-n-octyl phthalate

Concen: 3.656 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.03 min

Lab File: BF099393.D

Acq: 12 Oct 2017 14:05

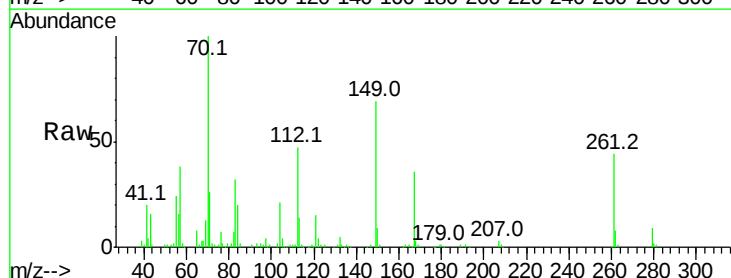
Tgt Ion:149 Resp: 53510

Ion Ratio Lower Upper

149 100

167 49.9 1.2 1.8#

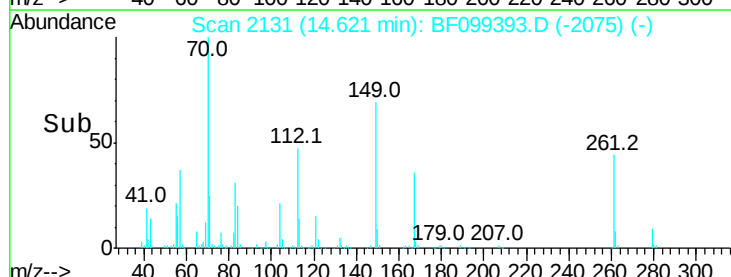
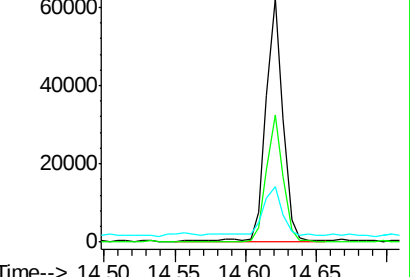
43 21.8 8.4 12.6#

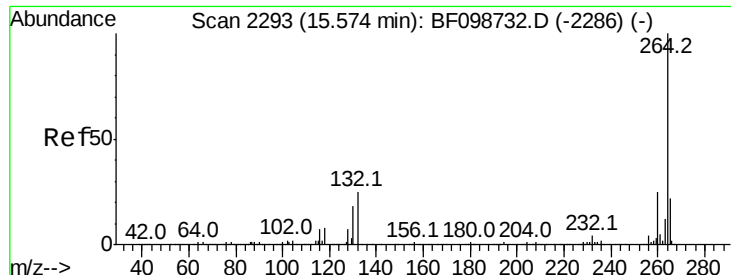


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

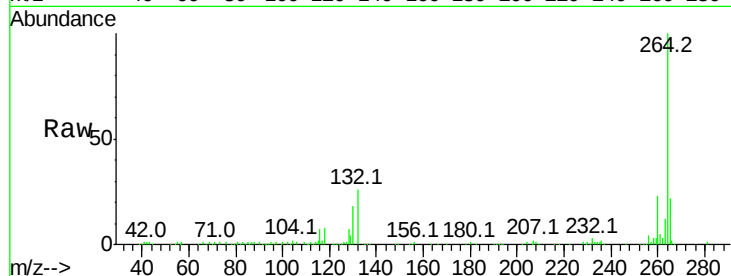




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099393.D
 Acq: 12 Oct 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	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

