

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099427.D
 Acq On : 13 Oct 2017 7:53
 Operator : SJ/JU
 Sample : I5777-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 08:24:39 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

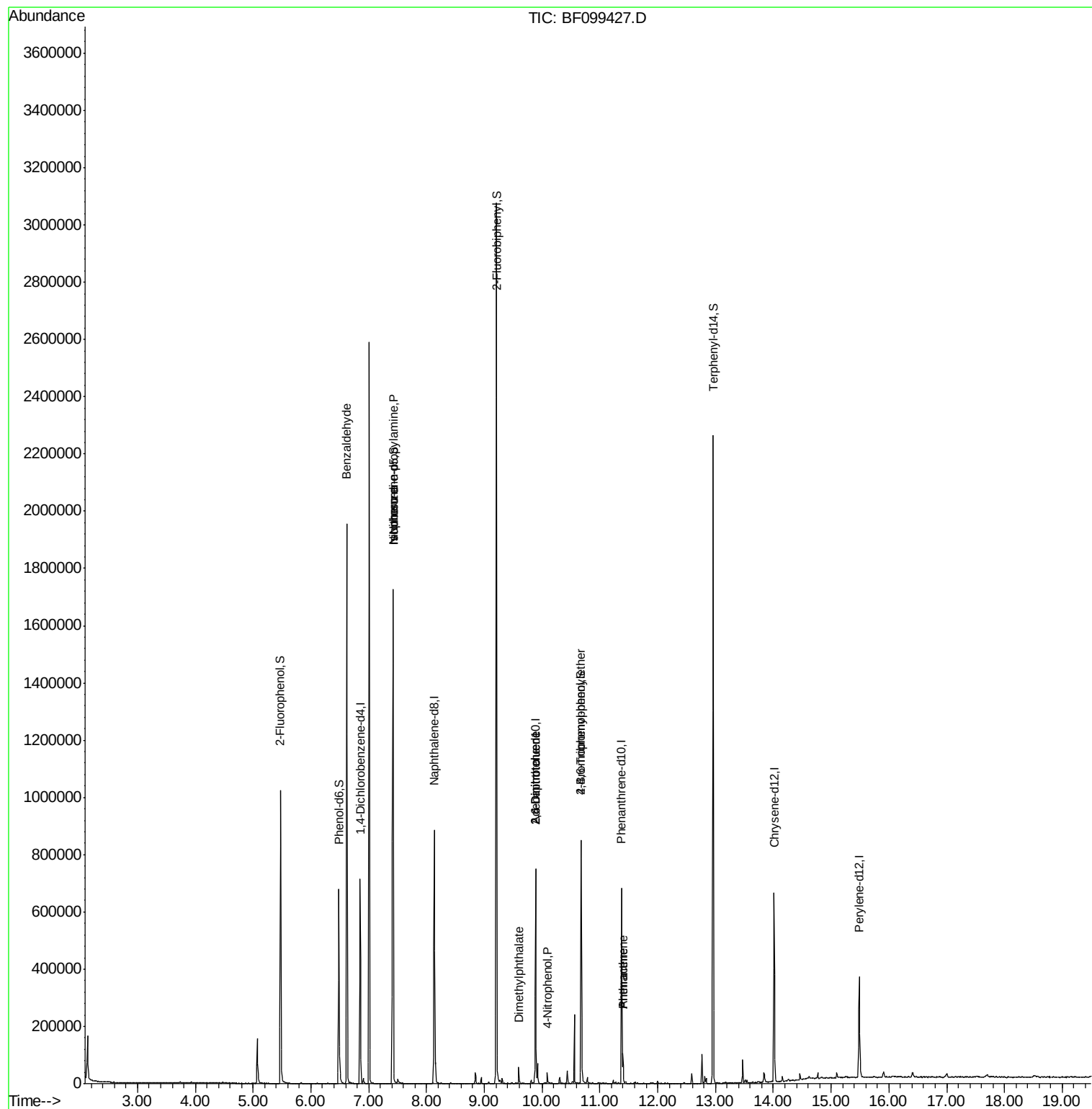
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102024	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	376390	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	140576	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	221779	20.00	ng	0.00
75) Chrysene-d12	14.02	240	202674	20.00	ng	0.00
86) Perylene-d12	15.49	264	153260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	309225	48.25	ng	0.00
7) Phenol-d6	6.48	99	223361	28.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	612309	104.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	102412	89.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1010399	119.99	ng	0.00
78) Terphenyl-d14	12.96	244	785471	88.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	9522	2.08	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.42	70	77589	15.37	ng	# 71
25) Isophorone	7.42	82	612306	50.46	ng	# 64
49) Dimethylphthalate	9.60	163	25542	2.41	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	17754	7.69	ng	# 24
55) 4-Nitrophenol	10.09	139	5676	2.49	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	17754	5.92	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6953	3.20	ng	# 1
70) Phenanthrene	11.40	178	35324	2.98	ng	97
71) Anthracene	11.40	178	35324	2.91	ng	98

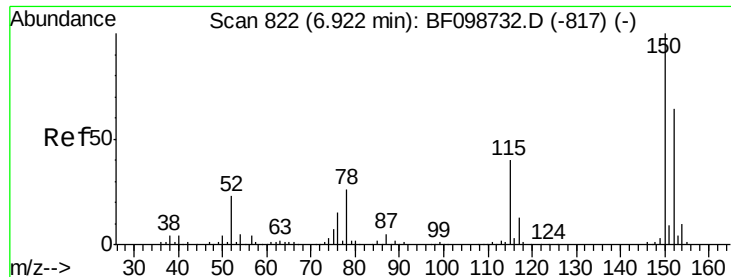
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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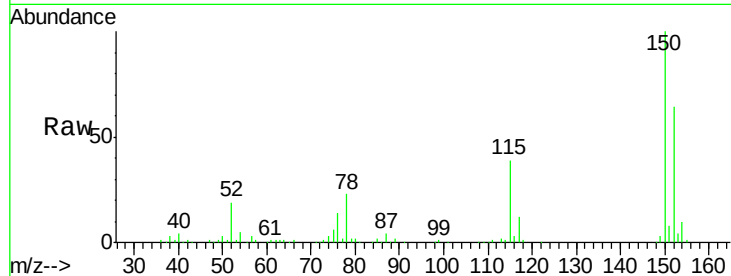


#1

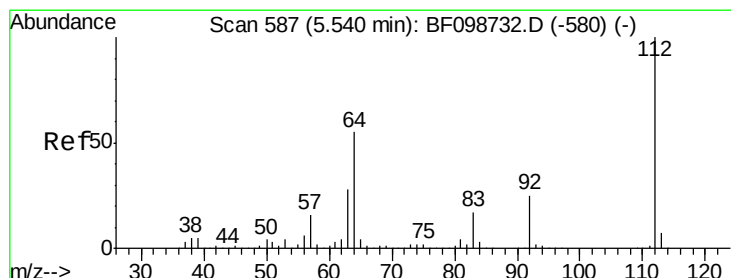
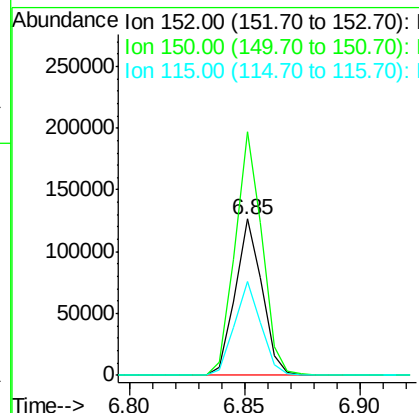
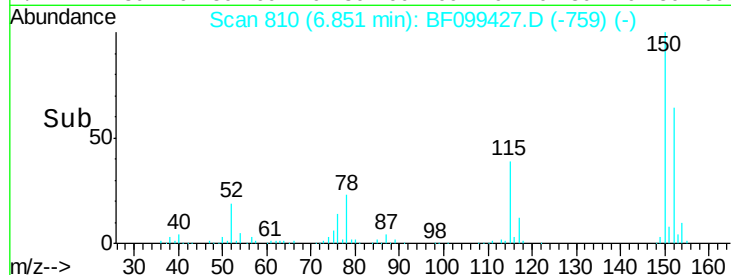
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 102024
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 60.2 50.1 75.1



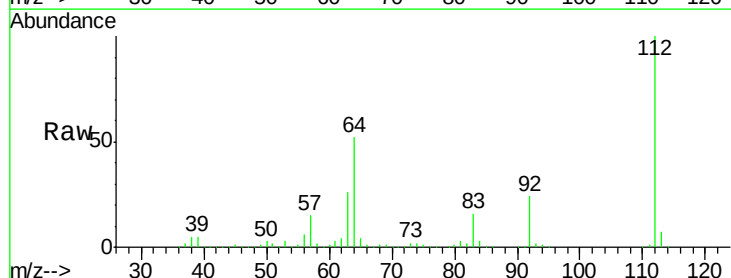
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



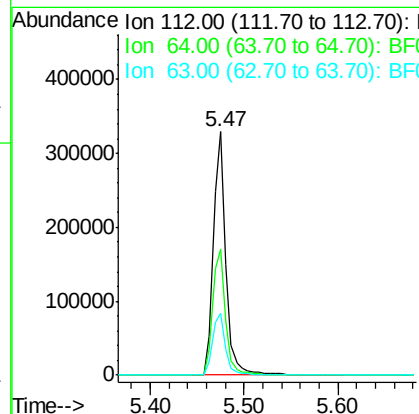
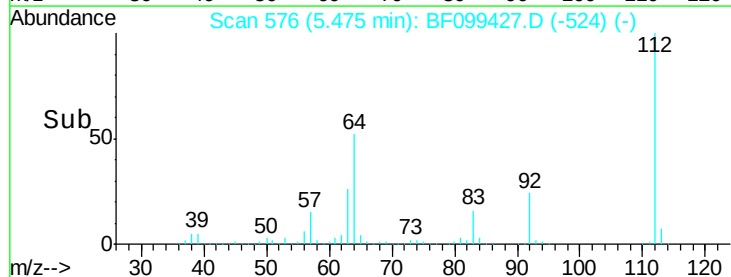
#5

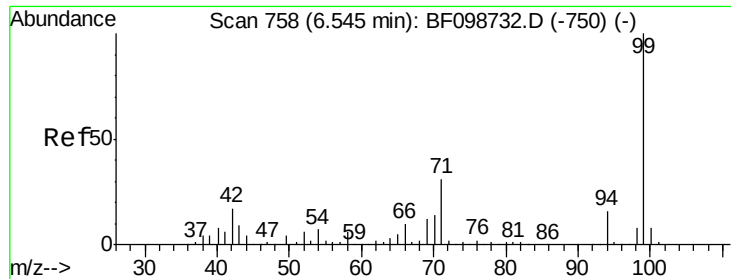
2-Fluorophenol
 Concen: 48.25 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Tgt Ion:112 Resp: 309225
 Ion Ratio Lower Upper
 112 100
 64 51.6 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: 28.25 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099427.D

Acq: 13 Oct 2017 7:53

Instrument :

BNA_F

ClientSampleId :

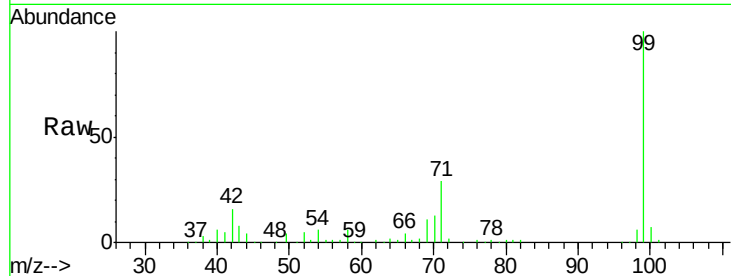
Tot Ion: 99 Resp: 223361

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

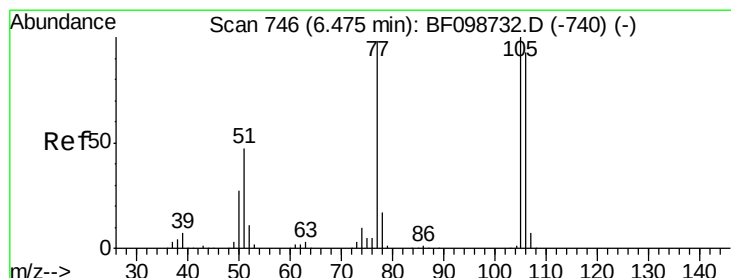
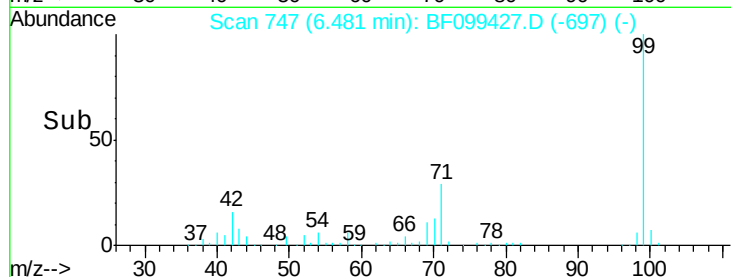
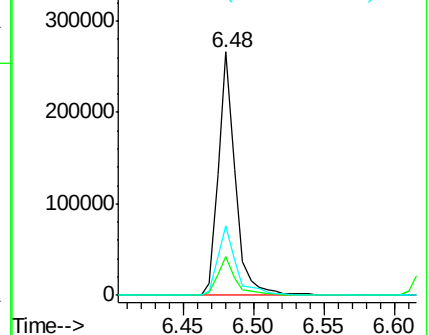
71 28.5 25.4 38.0



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: 2.08 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099427.D

Acq: 13 Oct 2017 7:53

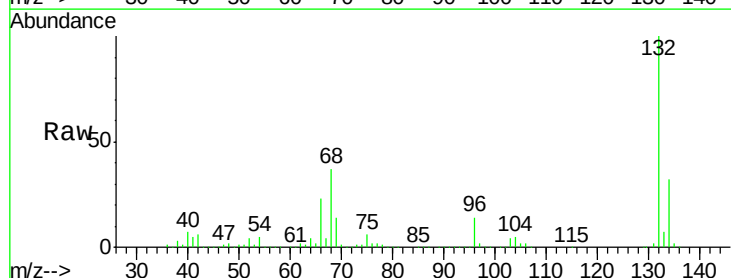
Tgt Ion: 77 Resp: 9522

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

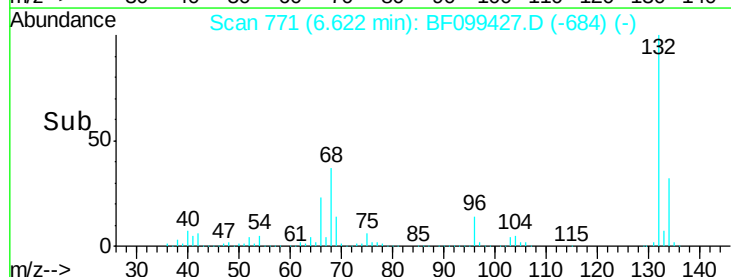
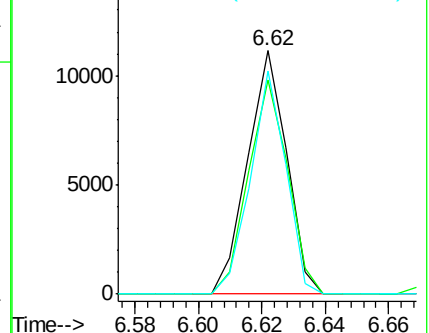
106 91.6 74.5 114.5

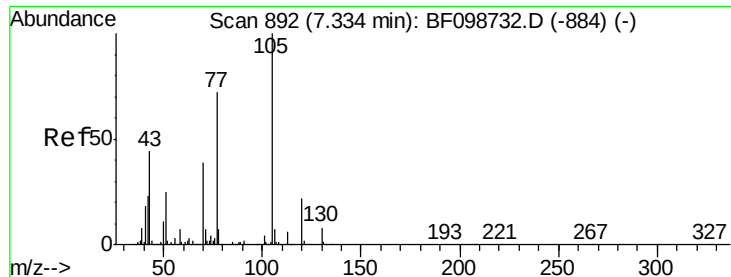


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

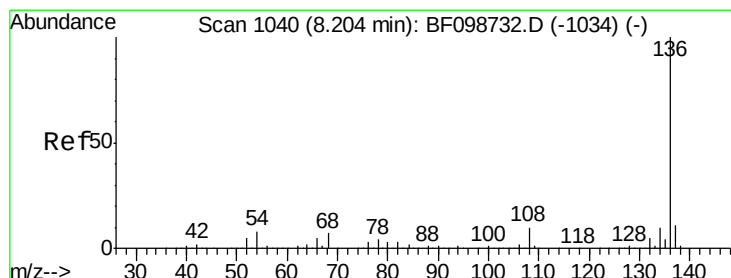
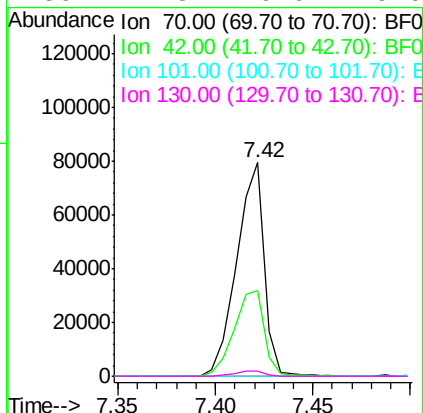
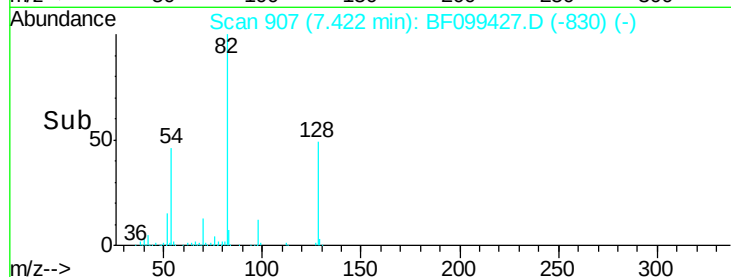
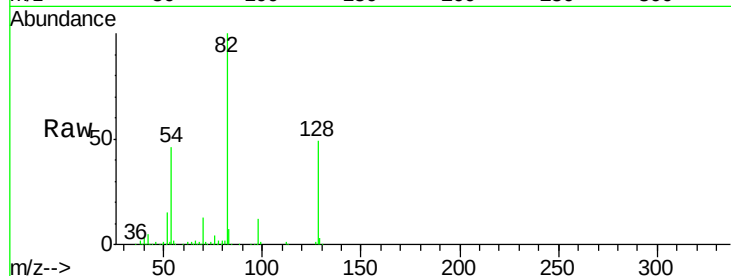




#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

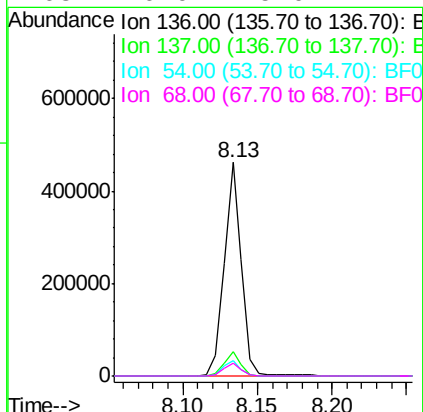
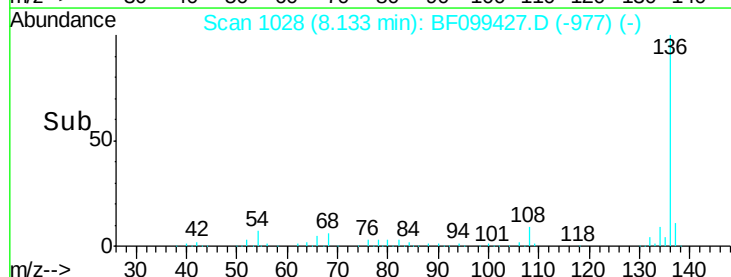
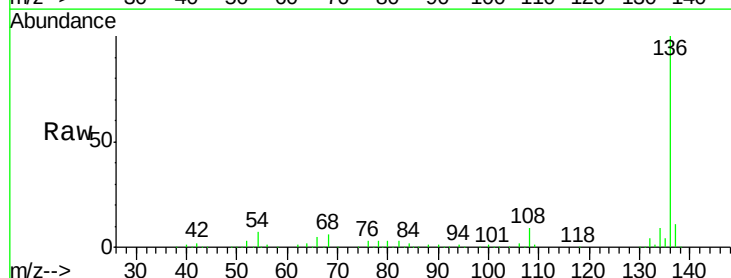
Instrument :
BNA_F
ClientSampleId :

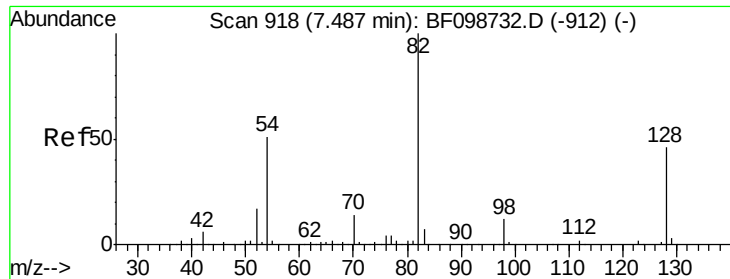
Tot Ion: 70 Resp: 77589
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

Tgt Ion: 136 Resp: 376390
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.6 9.8
68 6.0 5.0 7.4

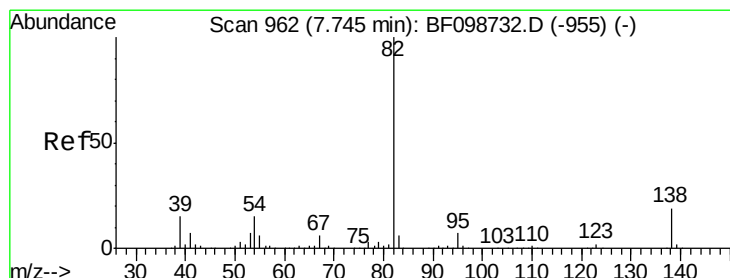
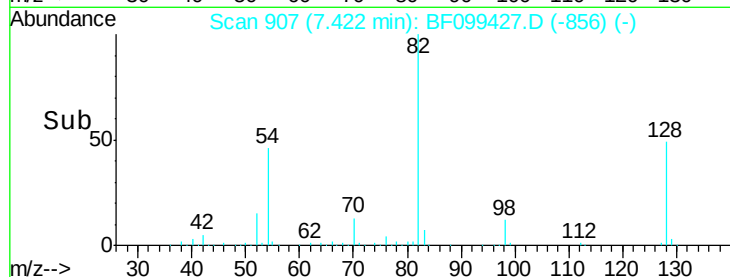
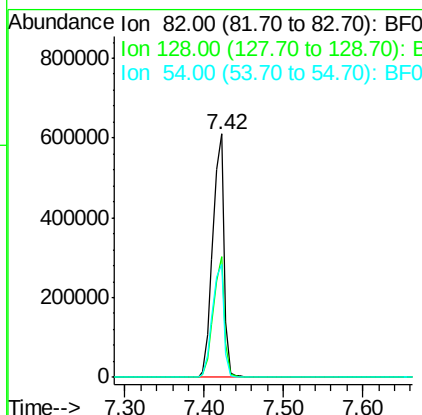
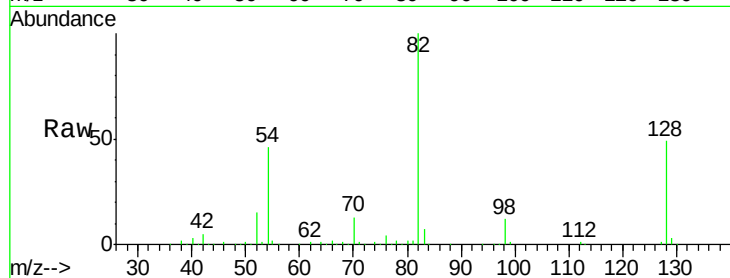




#23
 Nitrobenzene-d5
 Concen: 104.33 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

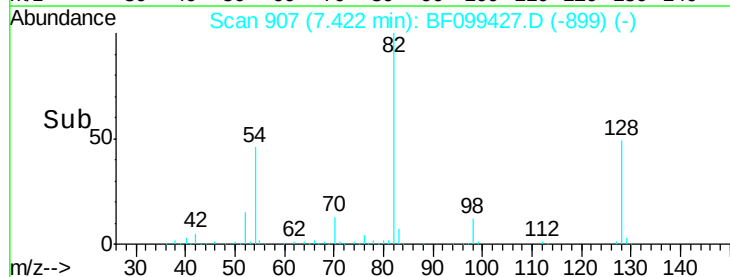
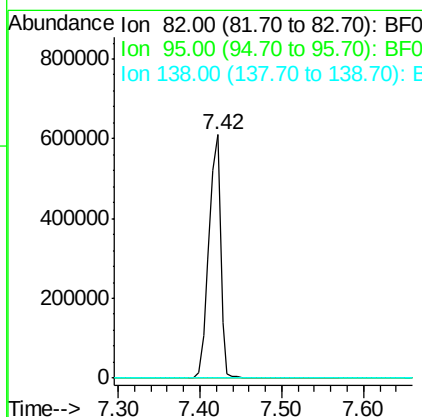
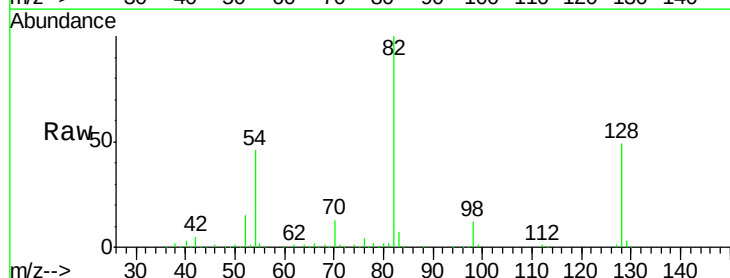
Instrument :
 BNA_F
 ClientSampled :

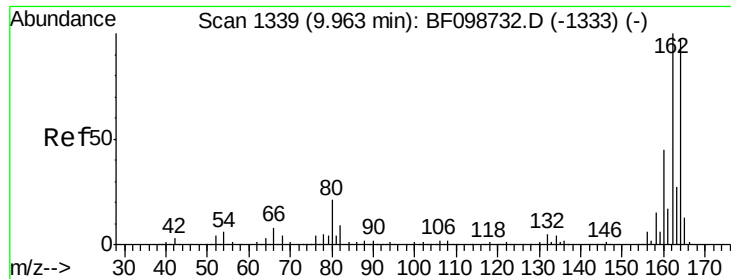
Tot Ion	82	Resp	612309
Ion Ratio	100	Lower	Upper
128	49.4	36.1	54.1
54	46.4	41.4	62.2



#25
 Isophorone
 Concen: 50.46 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Tgt Ion	82	Resp	612306
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

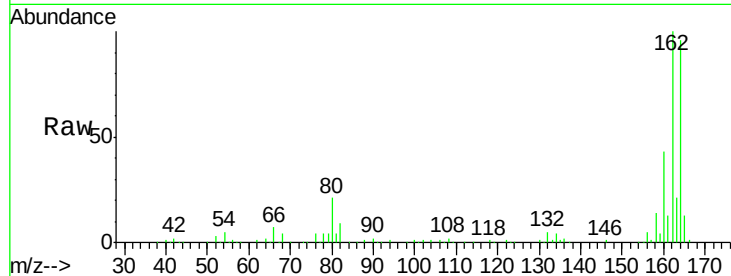




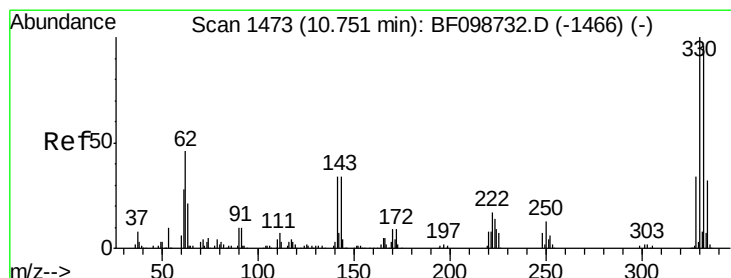
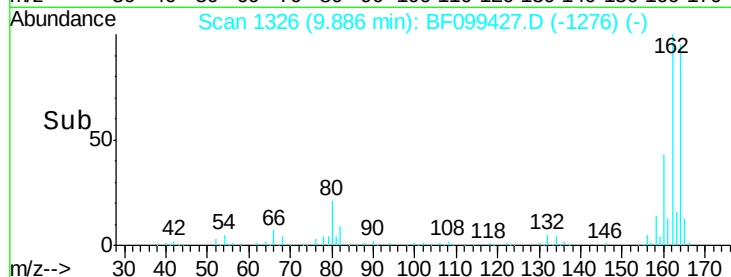
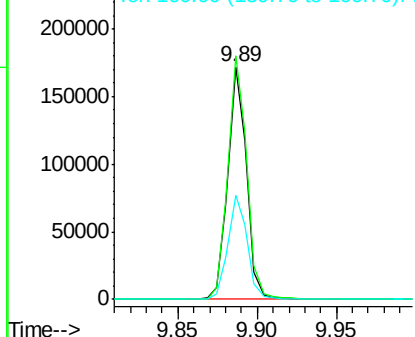
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 140576
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 44.8 38.3 57.5

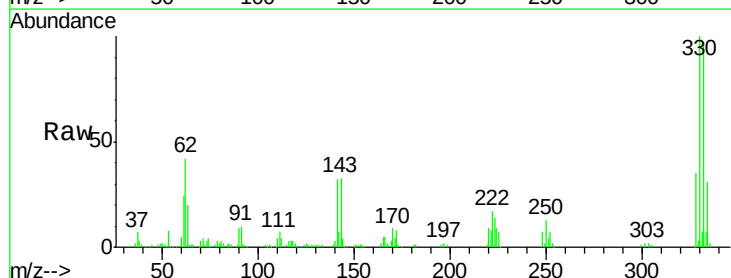


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

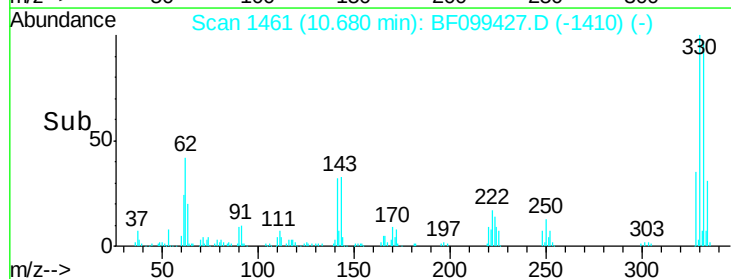
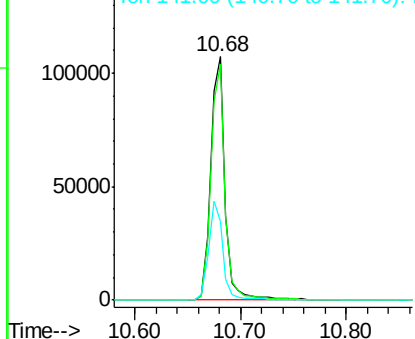


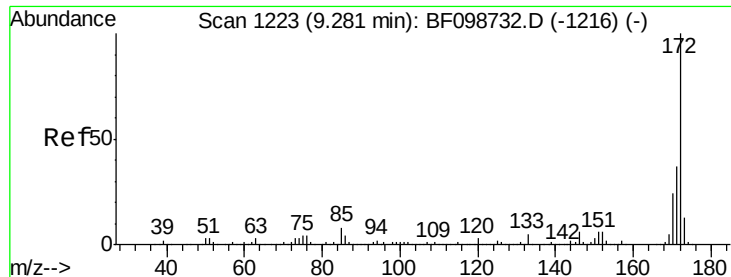
#41
 2,4,6-Tribromophenol
 Concen: 89.03 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Tgt Ion:330 Resp: 102412
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 40.1 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

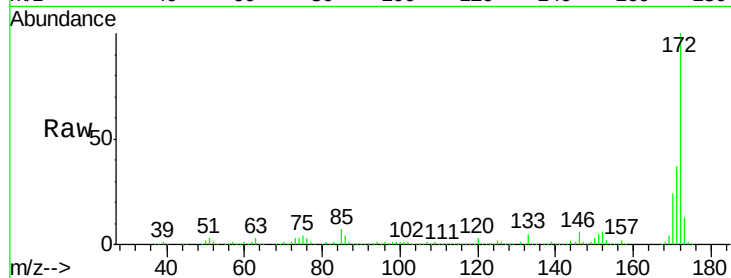




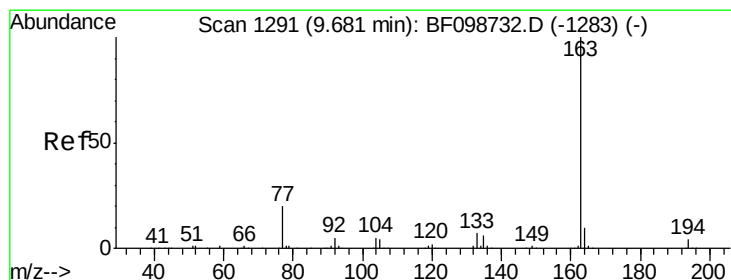
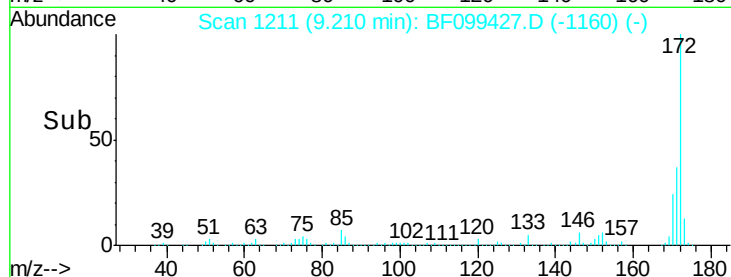
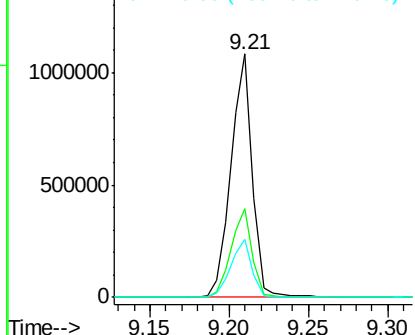
#44
2-Fluorobiphenyl
Concen: 119.99 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1010399
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.8 19.6 29.4

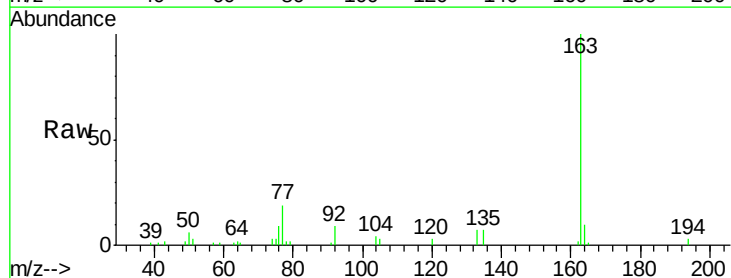


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

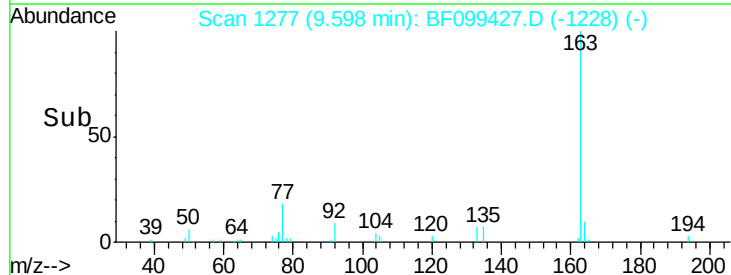
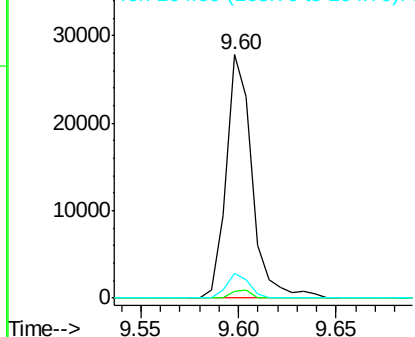


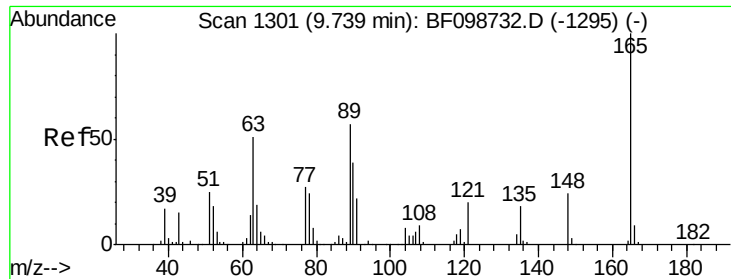
#49
Dimethylphthalate
Concen: 2.41 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

Tgt Ion:163 Resp: 25542
Ion Ratio Lower Upper
163 100
194 2.6 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

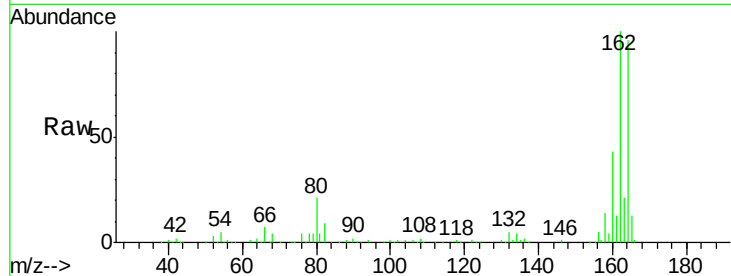




#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :

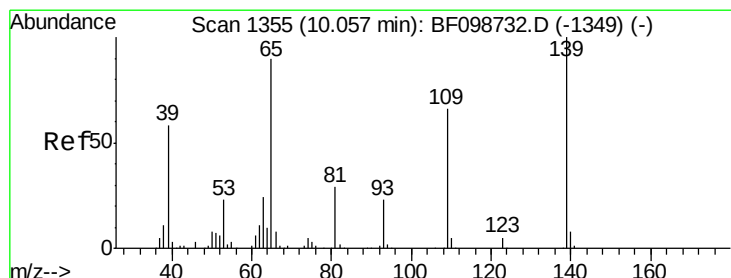
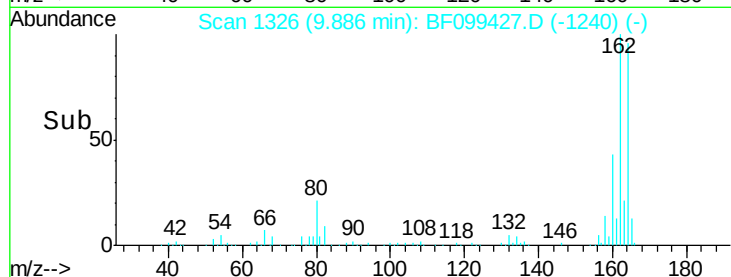
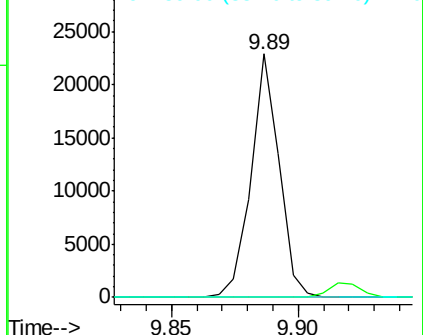
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

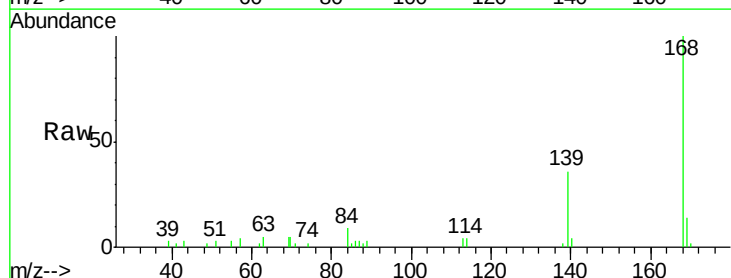
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55
 4-Nitrophenol
 Concen: 2.49 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.08 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

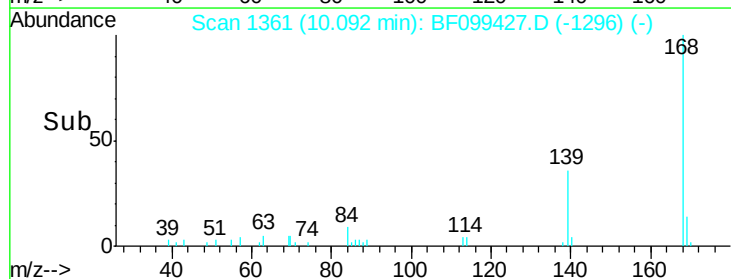
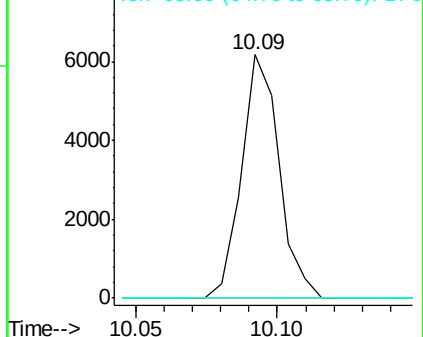
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

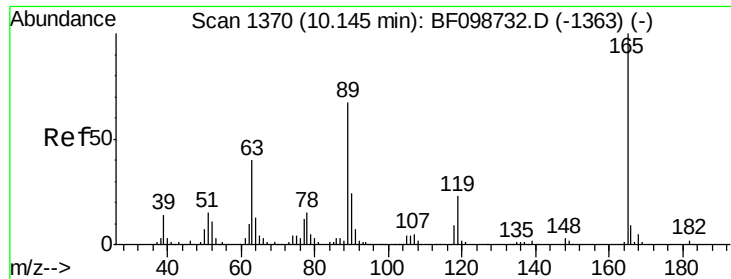


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

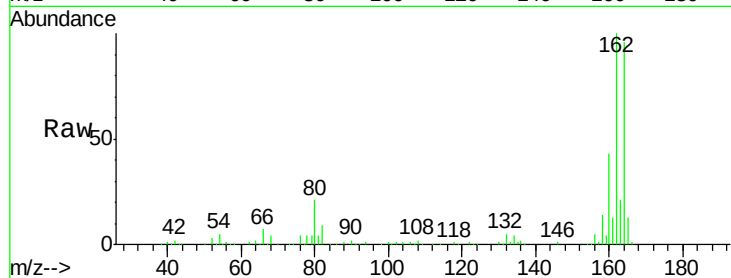




#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	17754
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

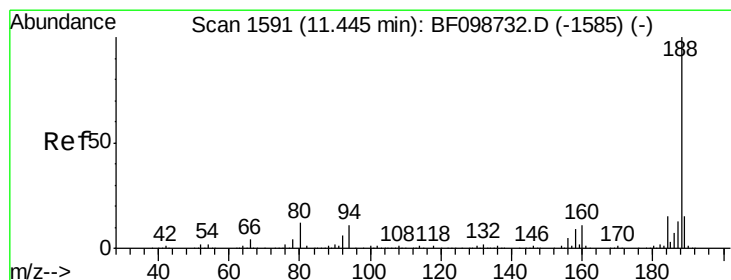
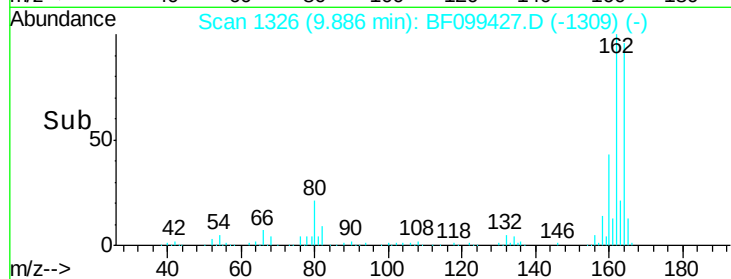
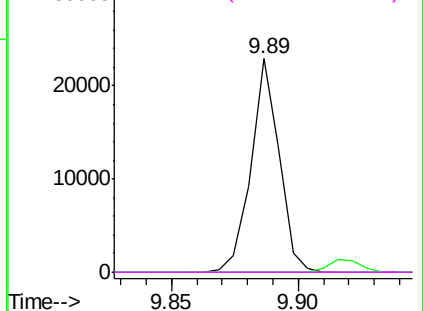


Abundance Ion 165.00 (164.70 to 165.70): E

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



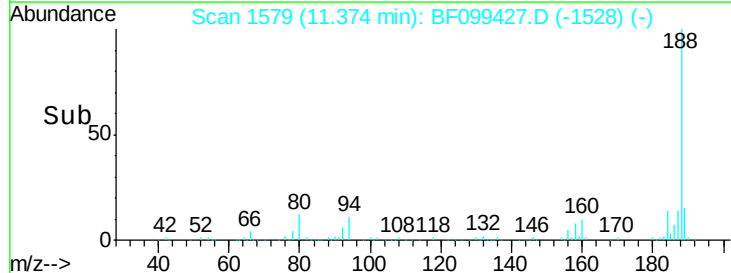
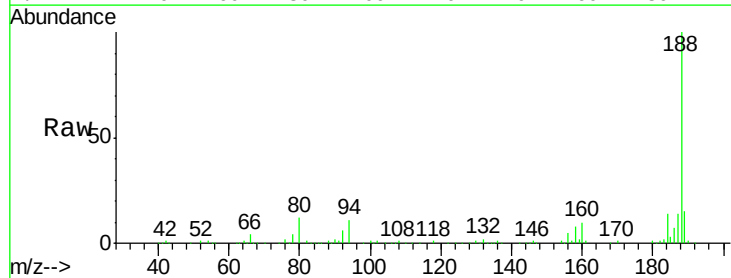
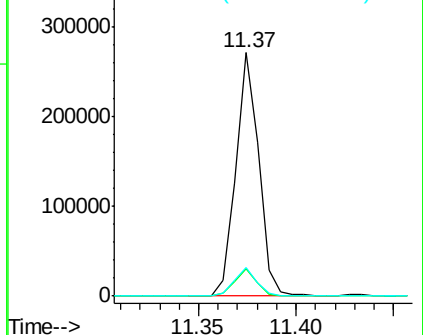
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

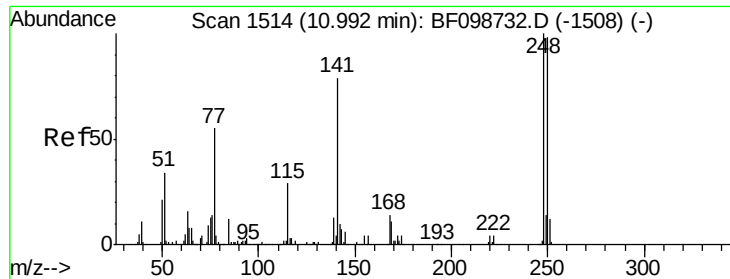
Tgt Ion:	188	Resp:	221779
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.5	9.2	13.8

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

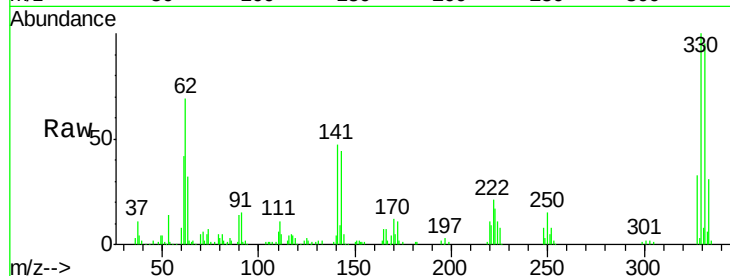




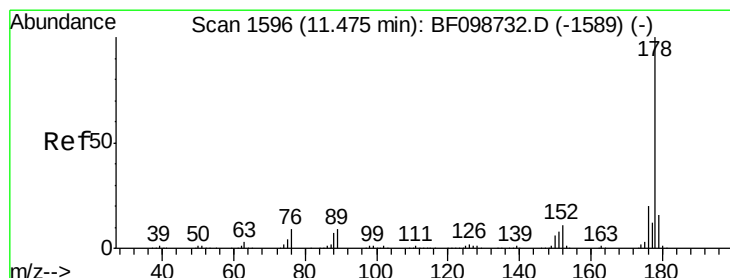
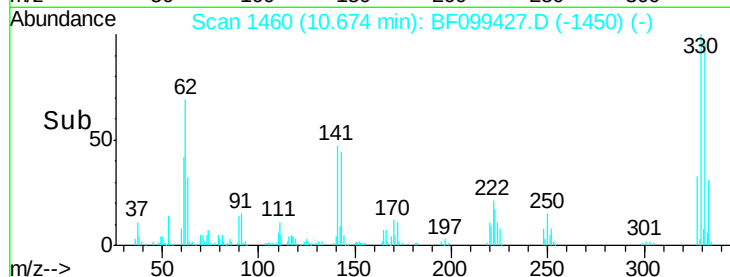
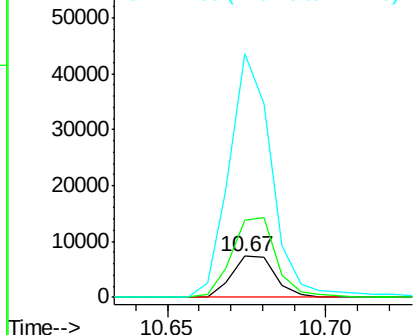
#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6953
Ion Ratio Lower Upper
248 100
250 188.9 76.9 115.3#
141 592.1 74.4 111.6#

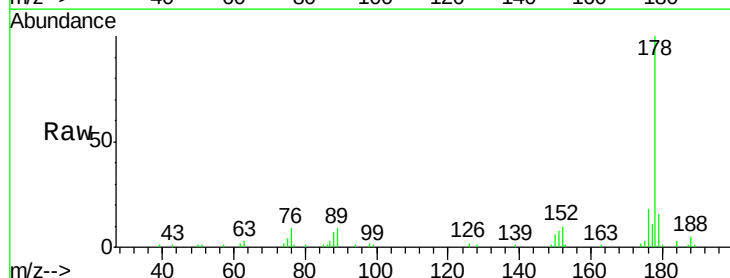


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

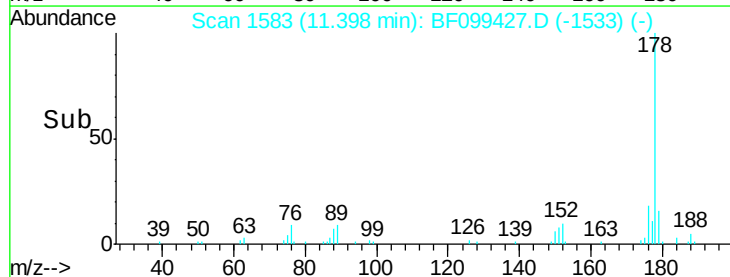
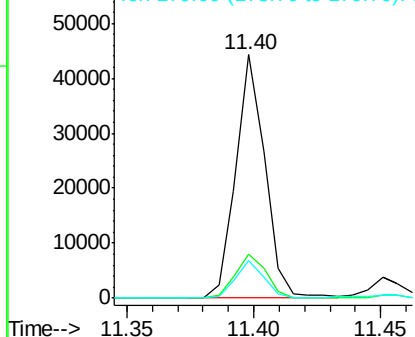


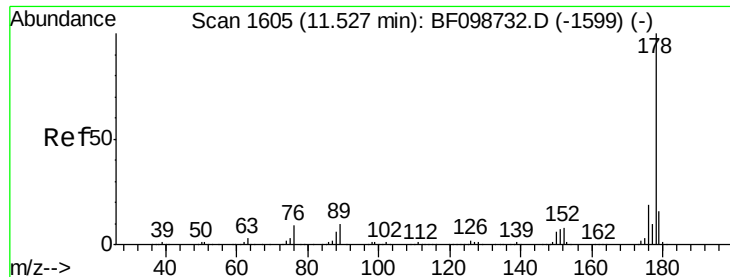
#70
Phenanthrene
Concen: 2.98 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099427.D
Acq: 13 Oct 2017 7:53

Tgt Ion:178 Resp: 35324
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

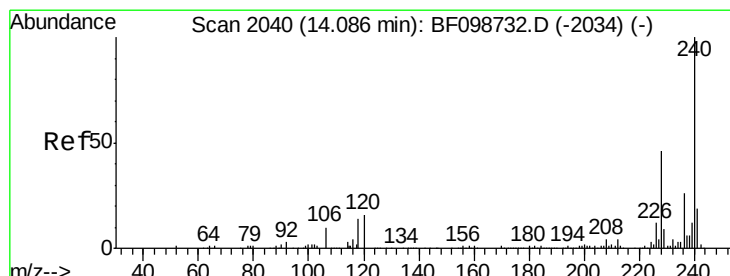
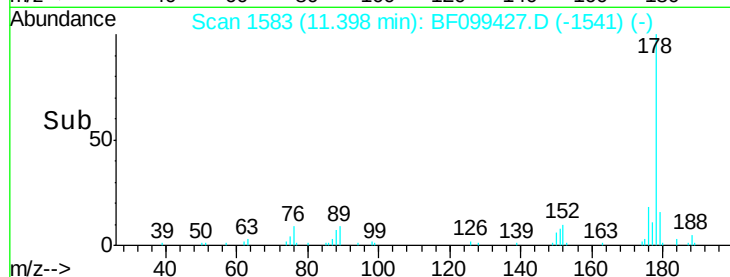
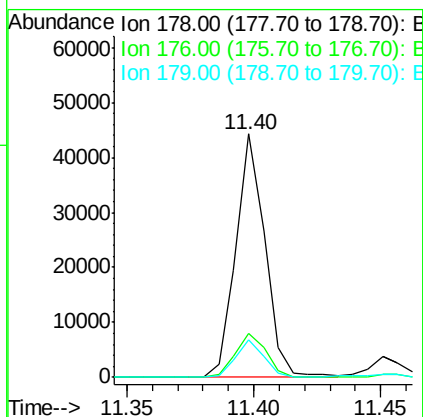
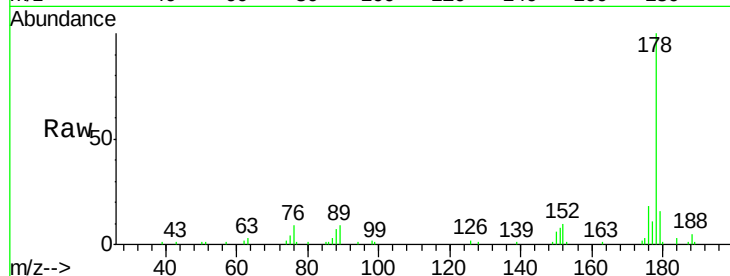




#71
 Anthracene
 Concen: 2.91 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.05 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

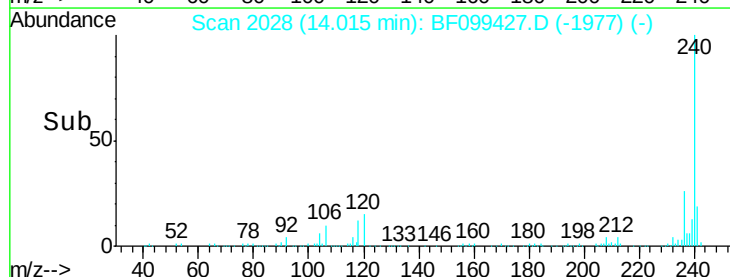
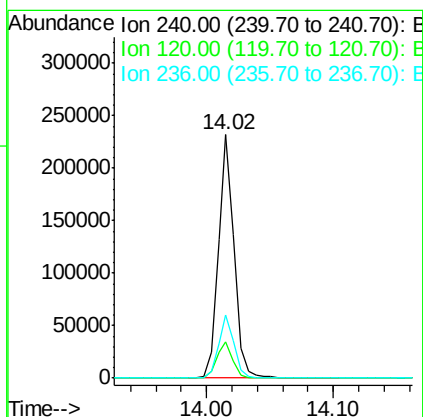
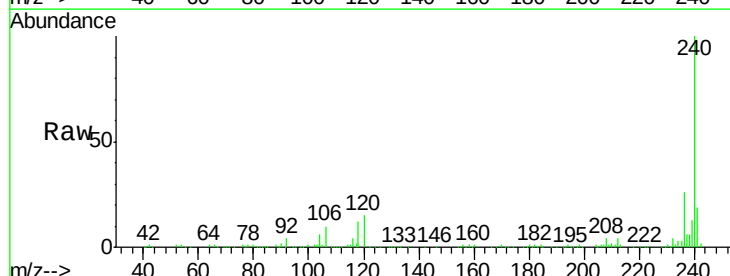
Instrument :
 BNA_F
 ClientSampleId :

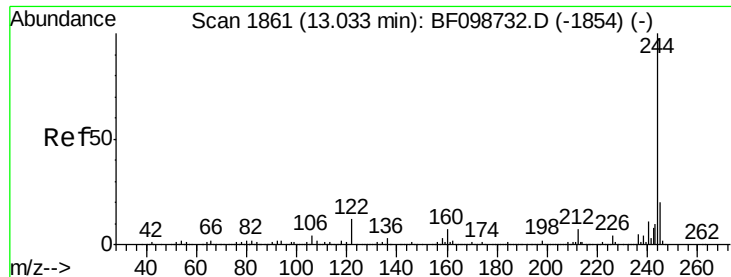
Tot Ion:178 Resp: 35324
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.6 12.6 19.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Tgt Ion:240 Resp: 202674
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.7 20.7 31.1

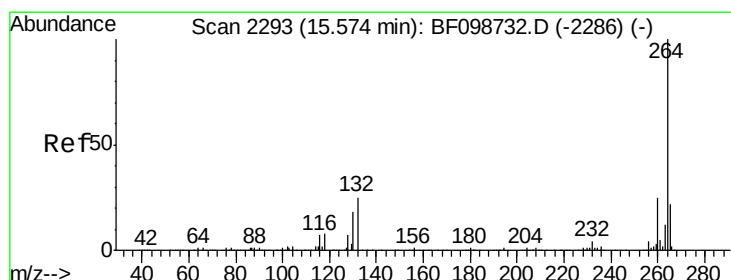
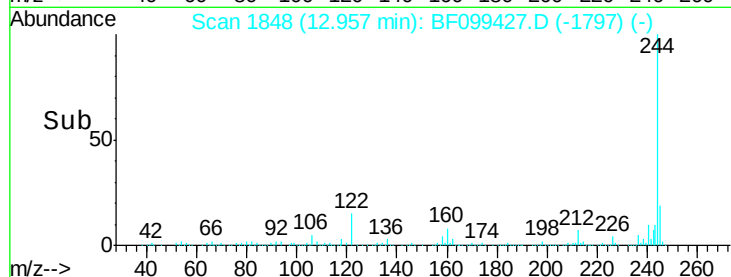
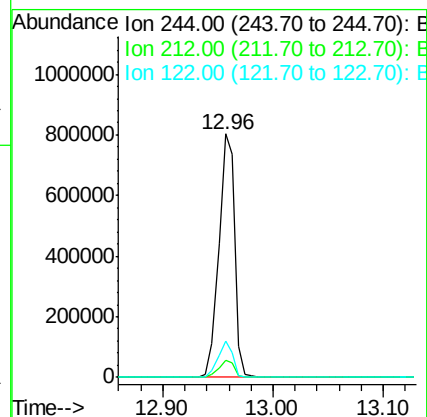
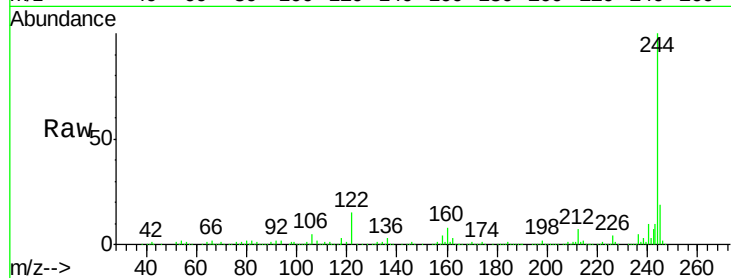




#78
 Terphenyl-d14
 Concen: 88.14 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 785471
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099427.D
 Acq: 13 Oct 2017 7:53

Tgt Ion:264 Resp: 153260
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

