

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099343.D
 Acq On : 11 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I5748-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:31:14 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

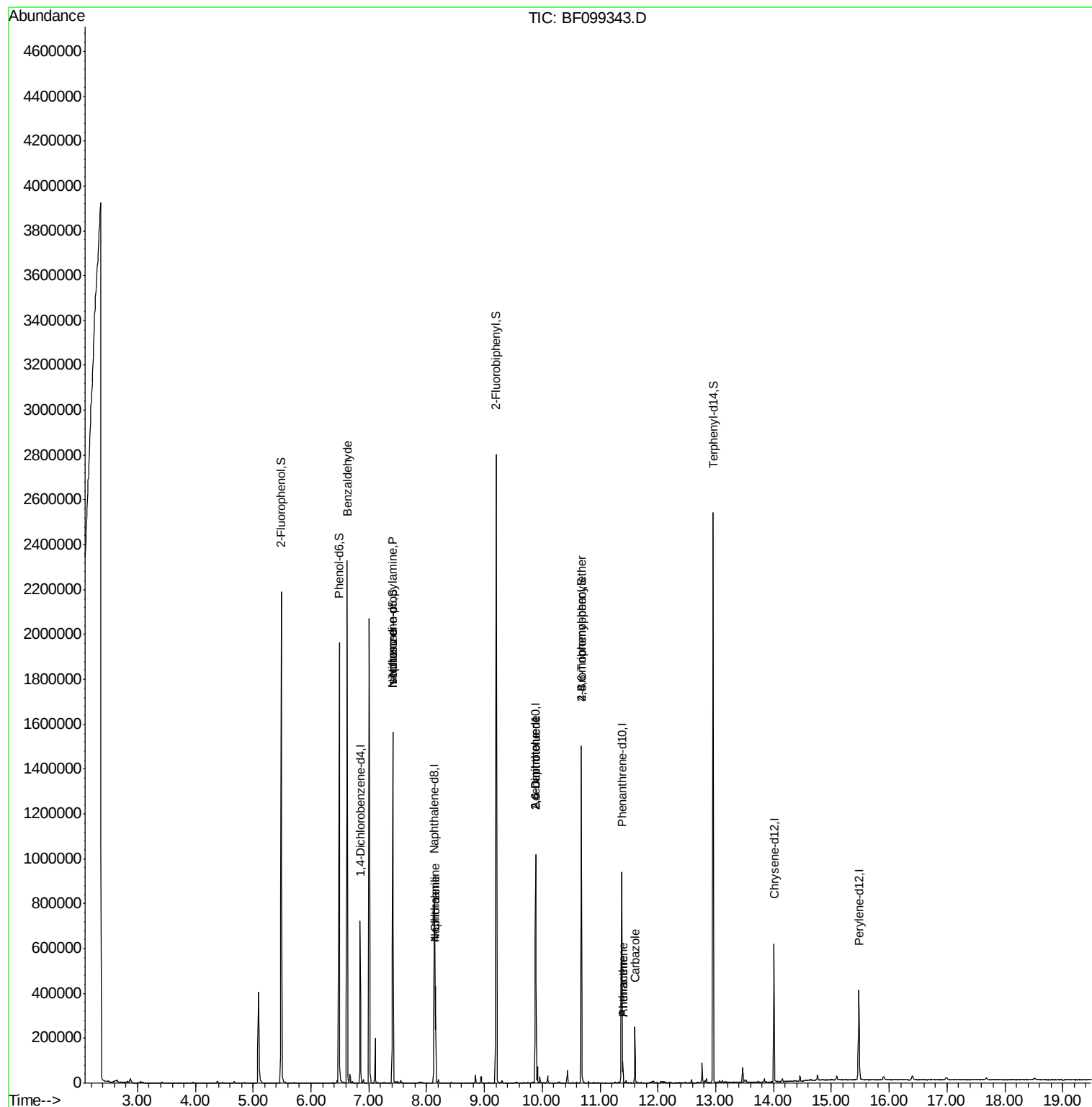
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99439	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	413804	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	190682	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	330797	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	192283	20.00	ng	-0.02
86) Perylene-d12	15.47	264	170737	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	670595	107.35	ng	0.00
7) Phenol-d6	6.49	99	721704	93.66	ng	-0.01
23) Nitrobenzene-d5	7.42	82	525375	81.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	195365	125.21	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1019229	89.23	ng	-0.02
78) Terphenyl-d14	12.96	244	826137	97.71	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	14143	3.164	ng	84
19) n-Nitroso-di-n-propylamine	7.42	70	66696	13.557	ng	# 76
25) Isophorone	7.42	82	525368	39.381	ng	# 64
31) Naphthalene	8.15	128	194056	9.985	ng	98
33) 4-Chloroaniline	8.15	127	25403	3.130	ng	# 29
50) 2,6-Dinitrotoluene	9.89	165	24226	7.732	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	24226	5.958	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	12941	3.997	ng	# 1
70) Phenanthrene	11.40	178	36580	2.066	ng	98
71) Anthracene	11.40	178	36580	2.019	ng	99
72) Carbazole	11.60	167	95164	5.364	ng	99

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

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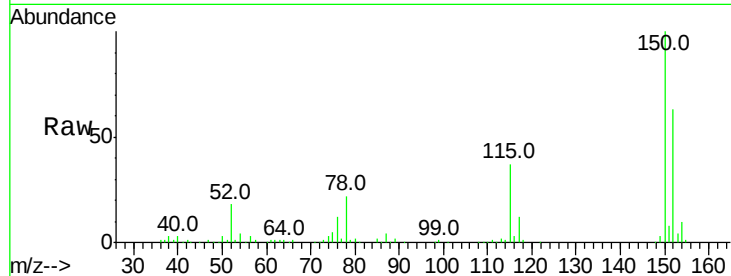


#1

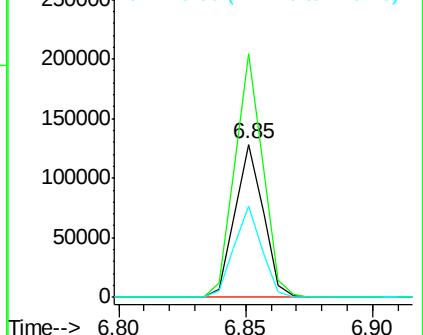
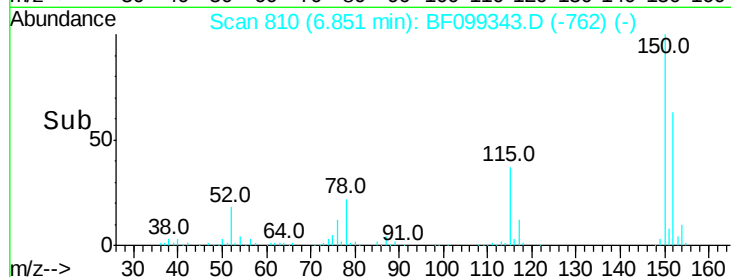
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99439
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.3 50.1 75.1



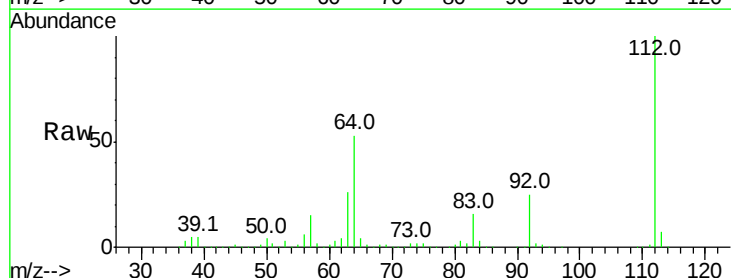
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



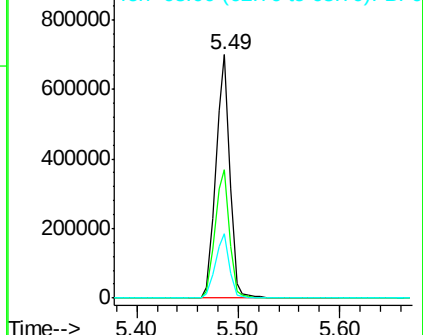
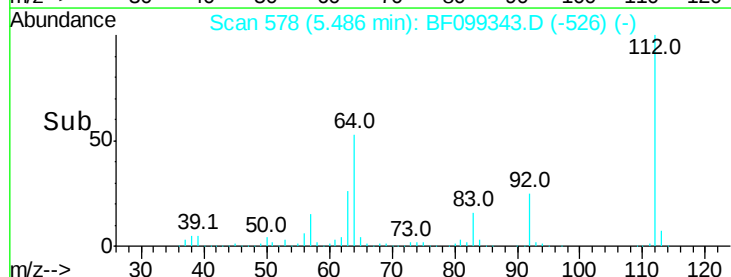
#5

2-Fluorophenol
Concen: 107.354 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion:112 Resp: 670595
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 26.4 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: 93.657 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Instrument :

BNA_F

ClientSampled :

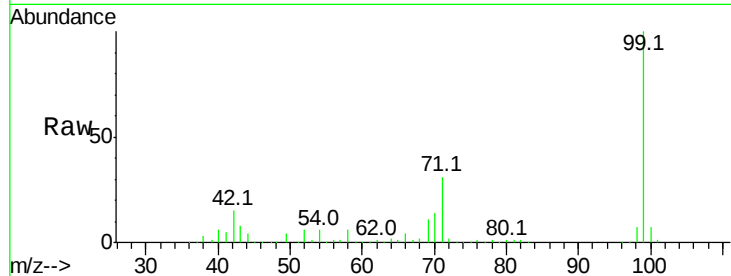
Tot Ion: 99 Resp: 721704

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

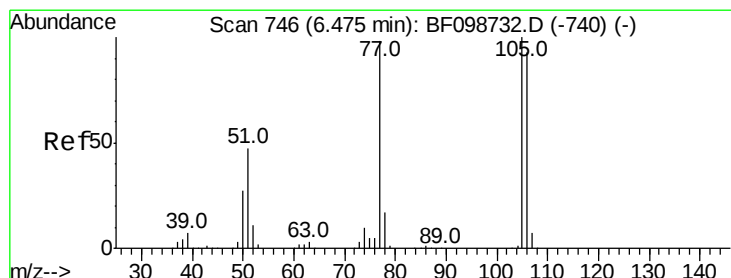
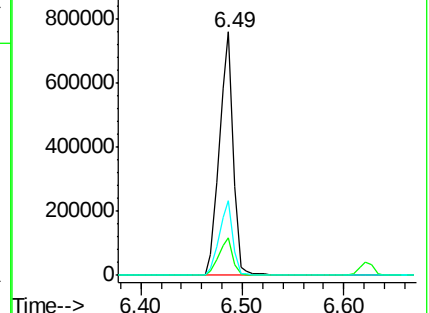
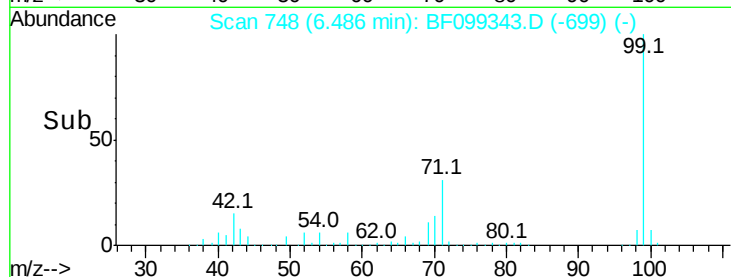
71 30.5 25.4 38.0



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: 3.164 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

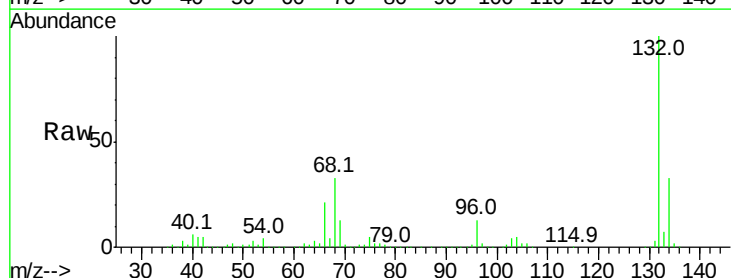
Tgt Ion: 77 Resp: 14143

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

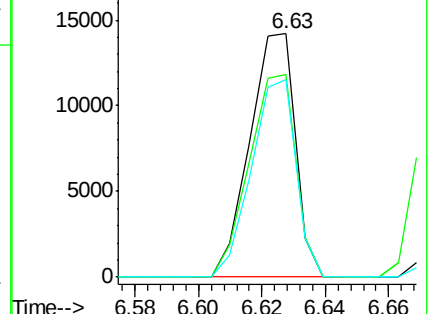
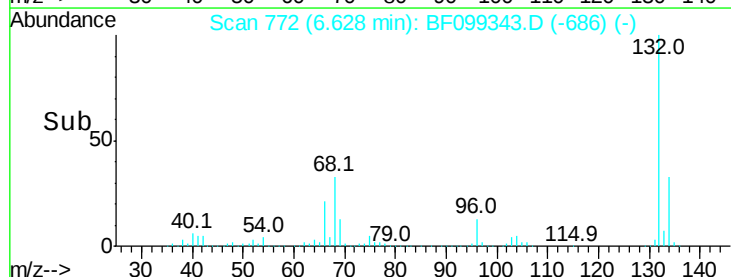
106 81.1 74.5 114.5

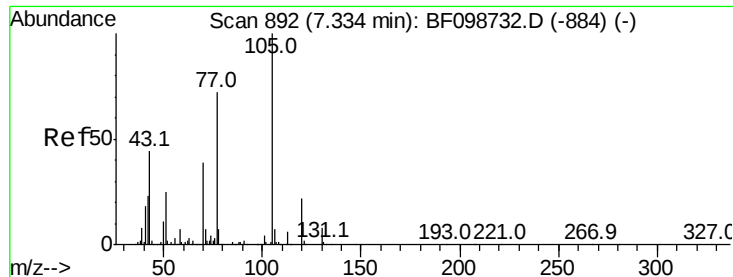


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

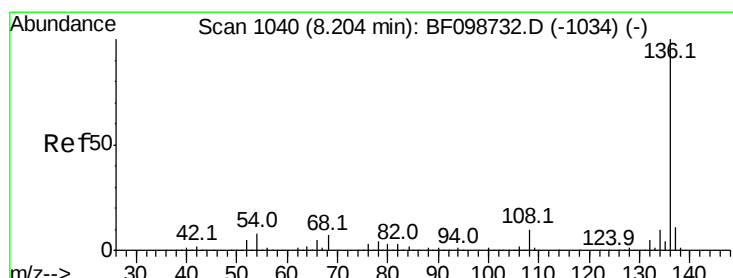
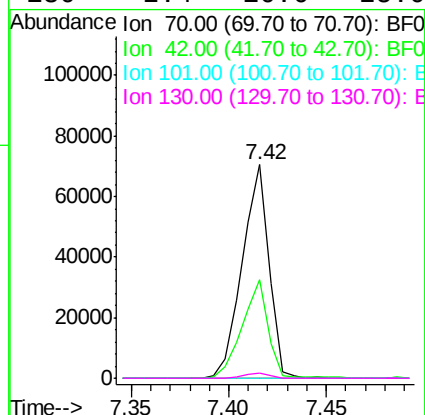
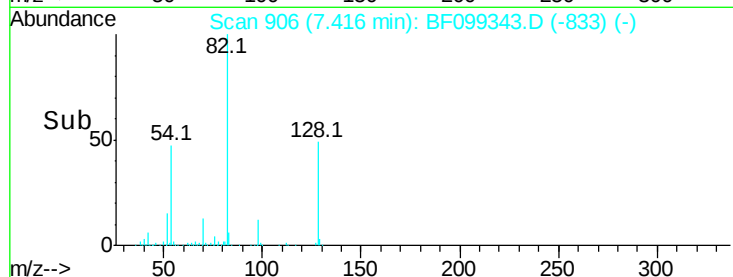
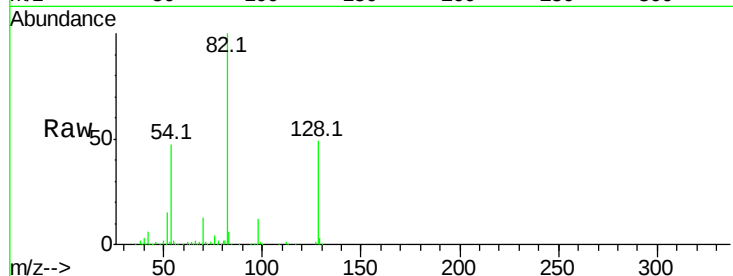




#19
n-Nitroso-di-n-propylamine
Concen: 13.557 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.13 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

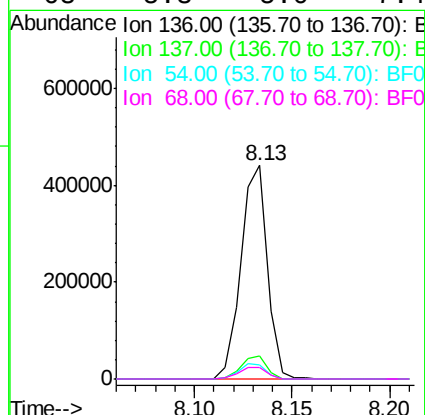
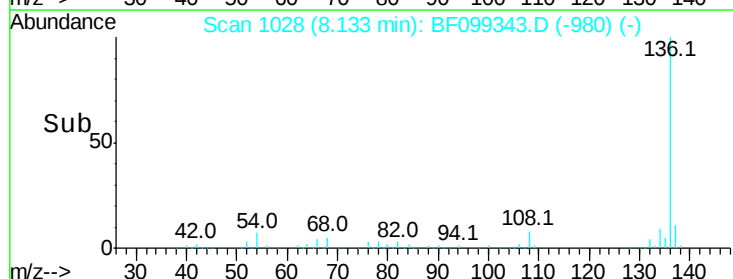
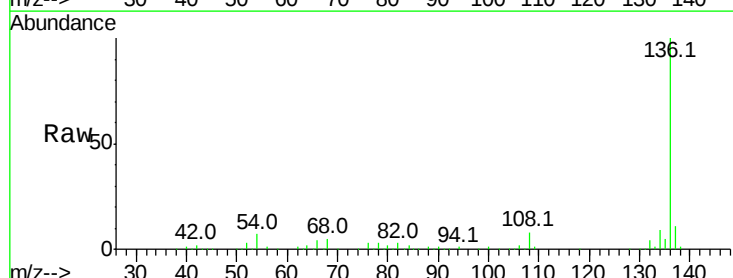
Instrument :
BNA_F
ClientSampleId :

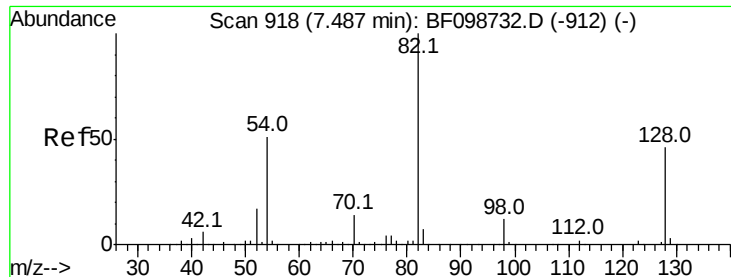
Tot Ion: 70 Resp: 66696
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion: 136 Resp: 413804
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.7 6.6 9.8
68 5.3 5.0 7.4

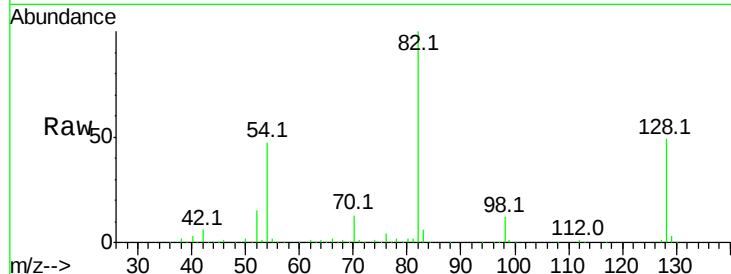




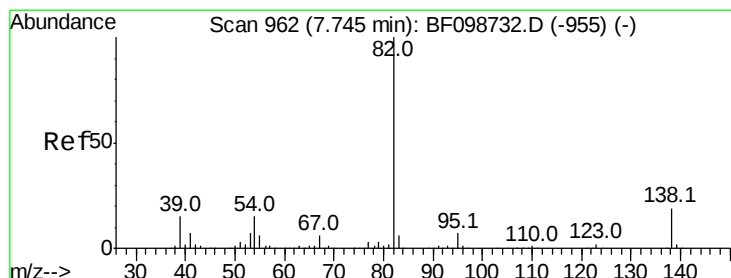
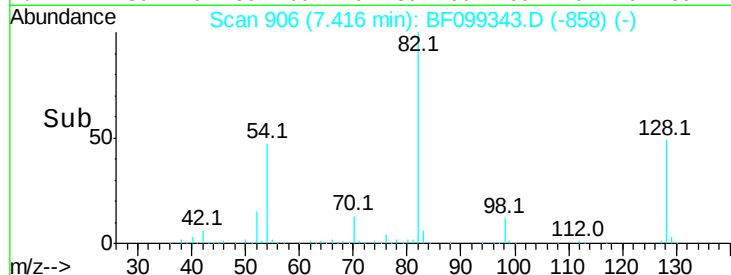
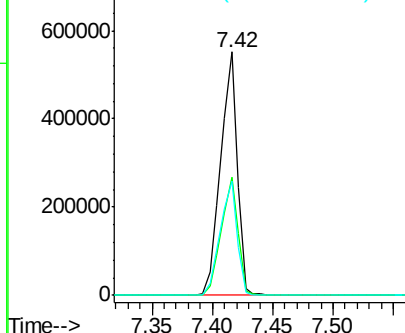
#23
 Nitrobenzene-d5
 Concen: 81.421 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	525375
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	47.0	41.4	62.2

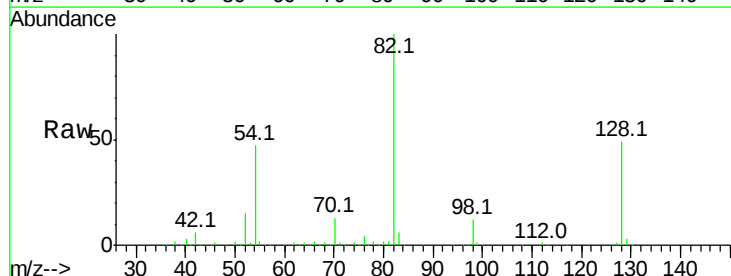


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

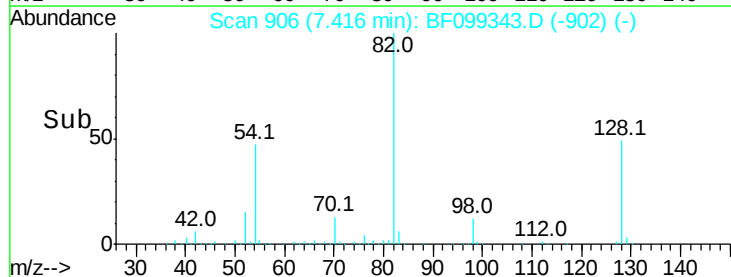
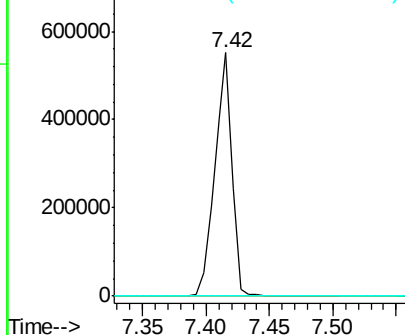


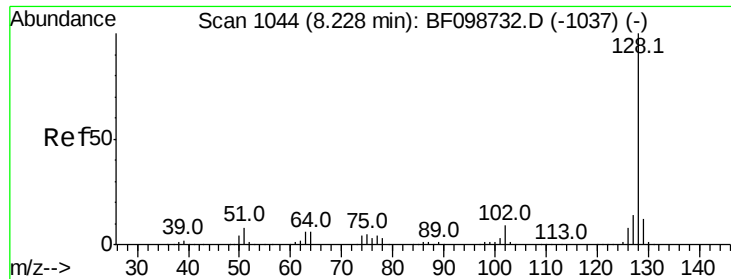
#25
 Isophorone
 Concen: 39.381 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.28 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Tgt Ion	82	Resp	525368
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

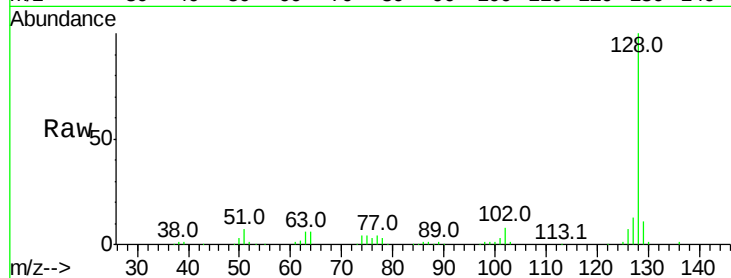




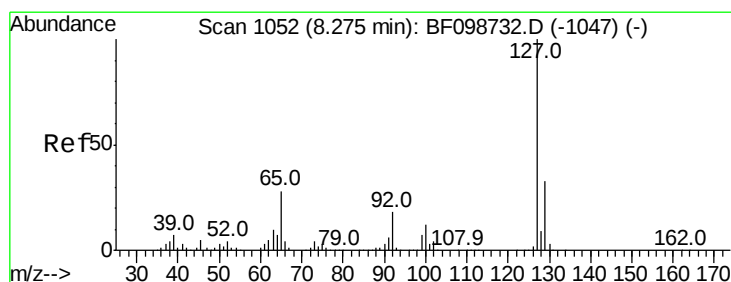
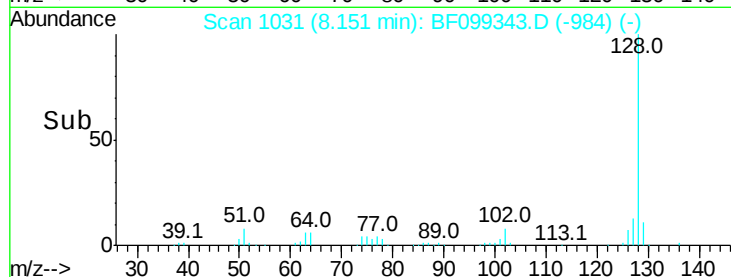
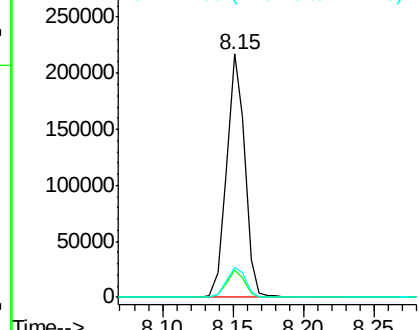
#31
Naphthalene
Concen: 9.985 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 194056
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.5 10.9 16.3

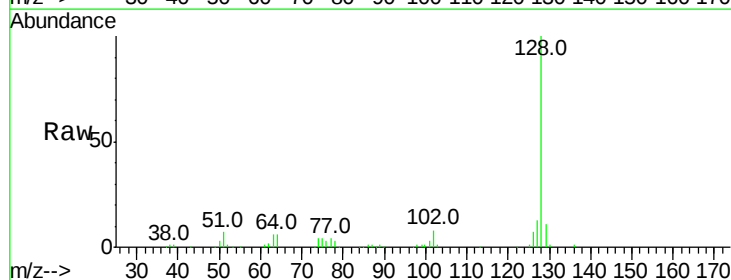


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

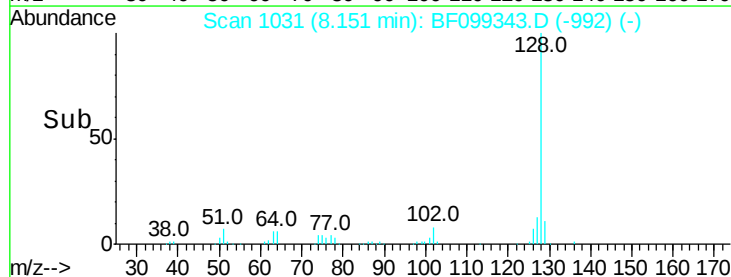
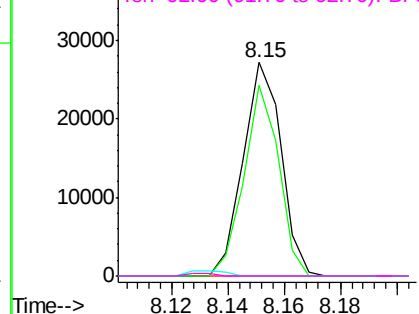


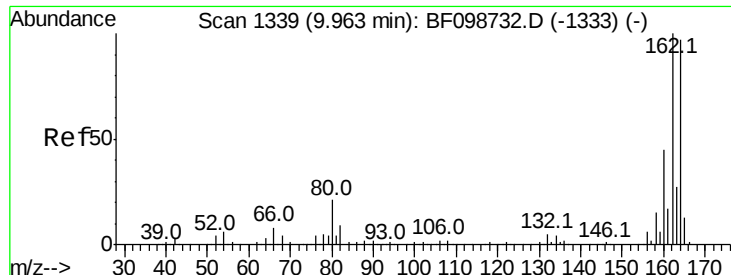
#33
4-Chloroaniline
Concen: 3.130 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.07 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion:127 Resp: 25403
Ion Ratio Lower Upper
127 100
129 89.4 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

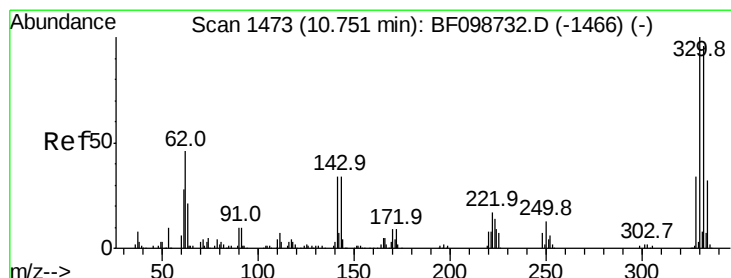
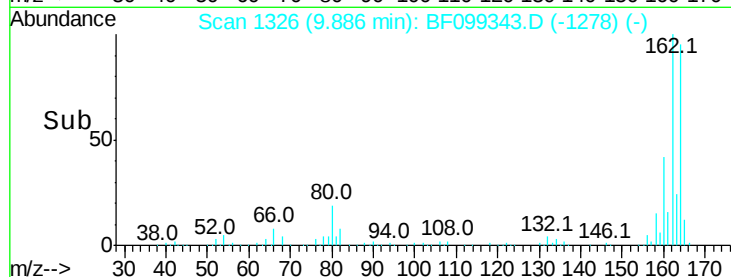
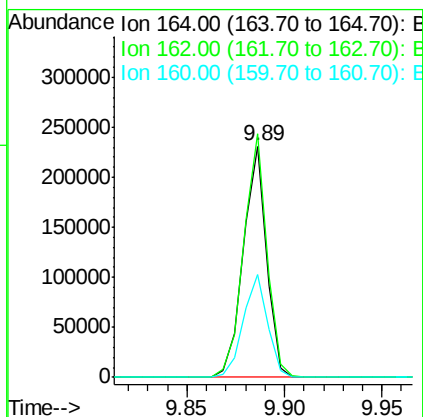
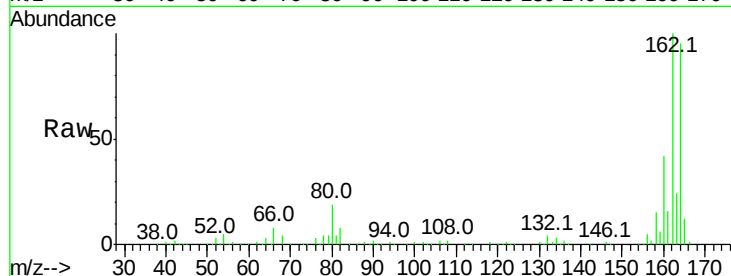




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

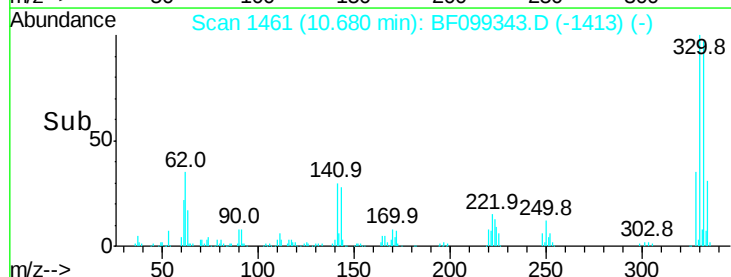
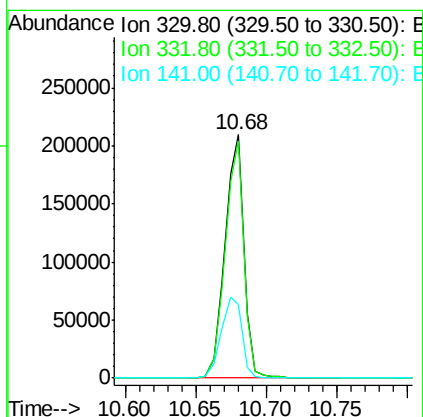
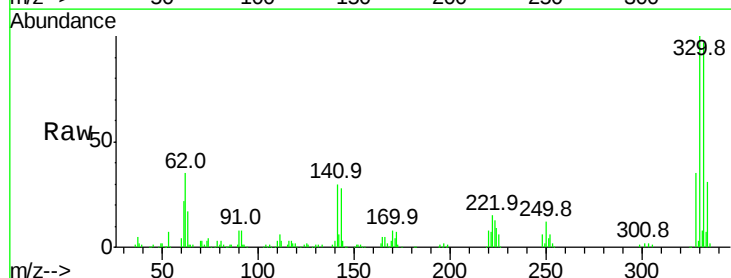
Instrument :
BNA_F
ClientSampleId :

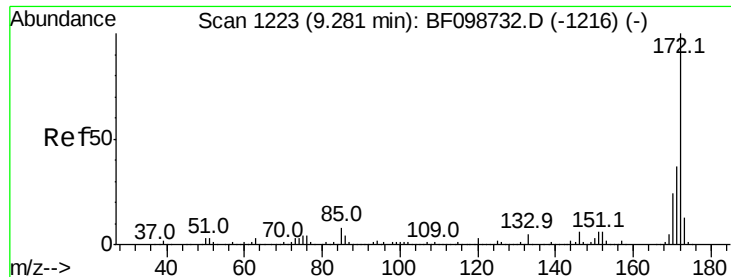
Tot Ion:164 Resp: 190682
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 44.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 125.210 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion:330 Resp: 195365
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.6 29.9 44.9

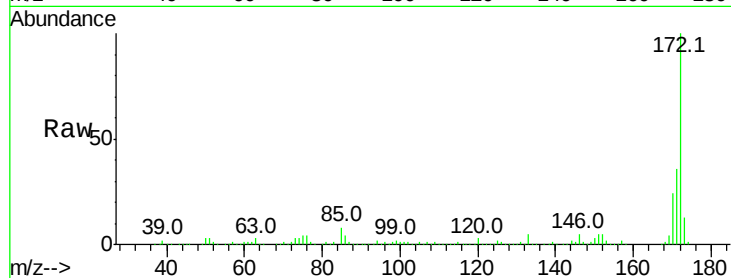




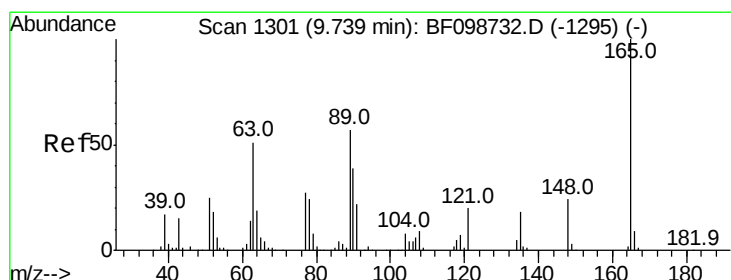
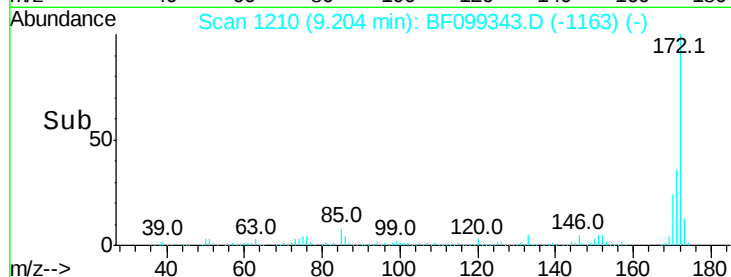
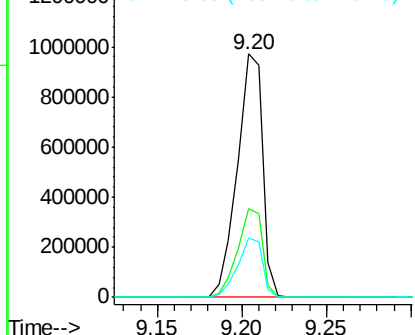
#44
2-Fluorobiphenyl
Concen: 89.233 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1019229
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

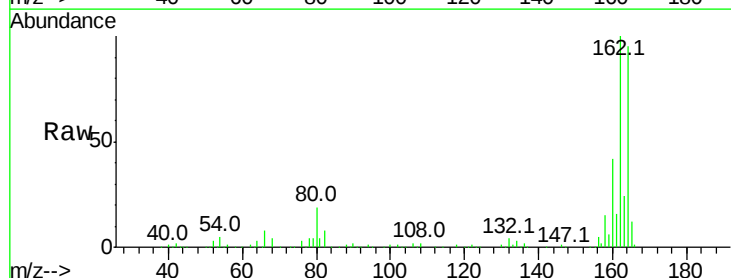


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

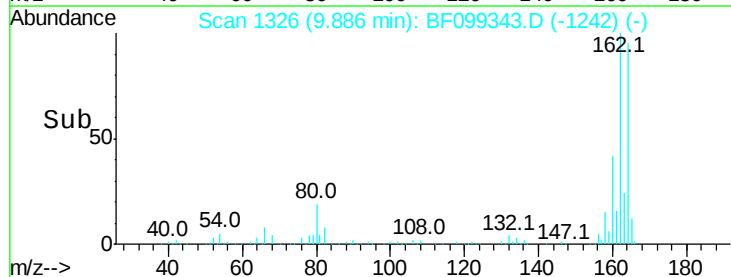
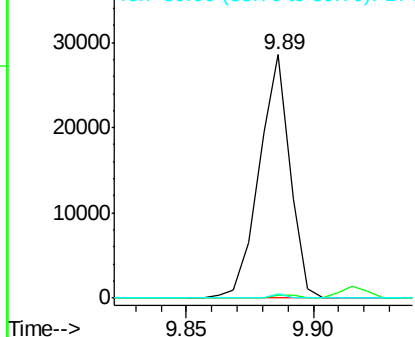


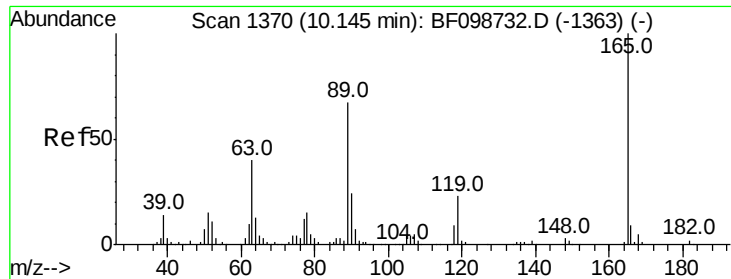
#50
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.19 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion:165 Resp: 24226
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.6 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

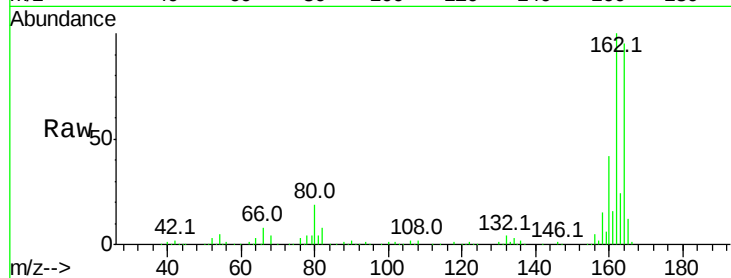




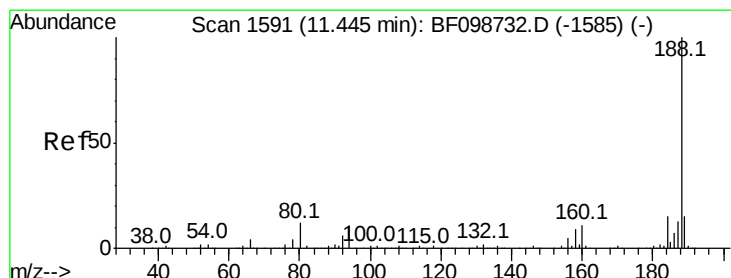
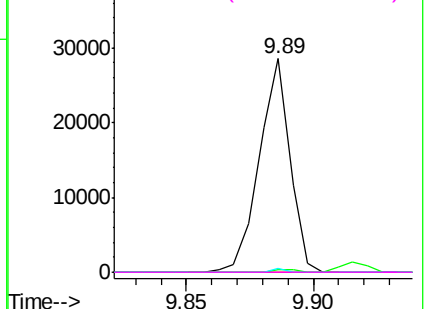
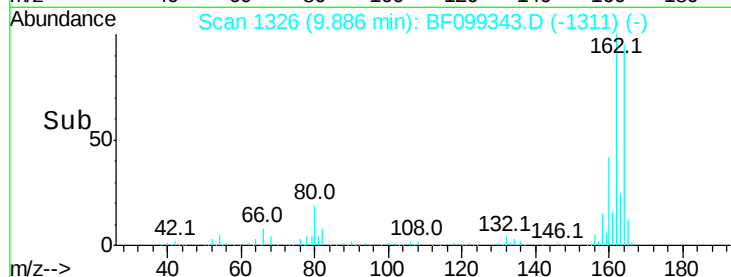
#56
 2,4-Dinitrotoluene
 Concen: 5.958 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24226
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

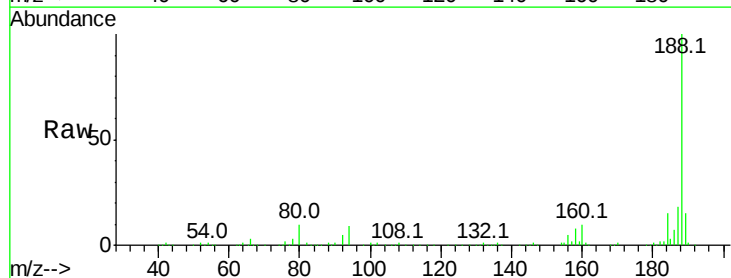


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

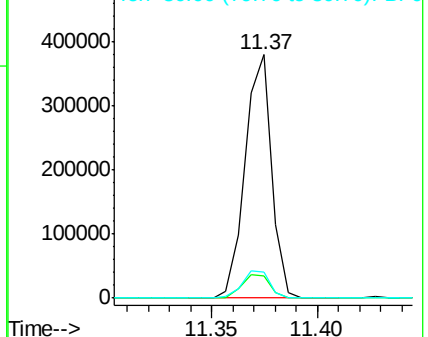
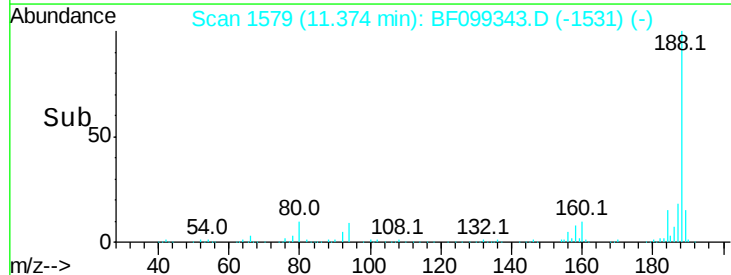


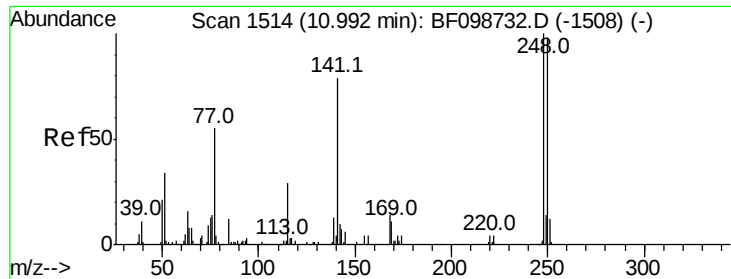
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Tgt Ion:188 Resp: 330797
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.5 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

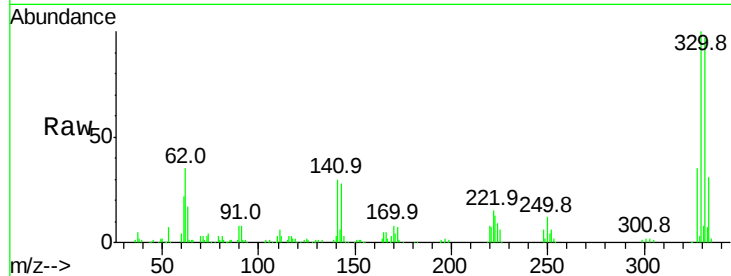




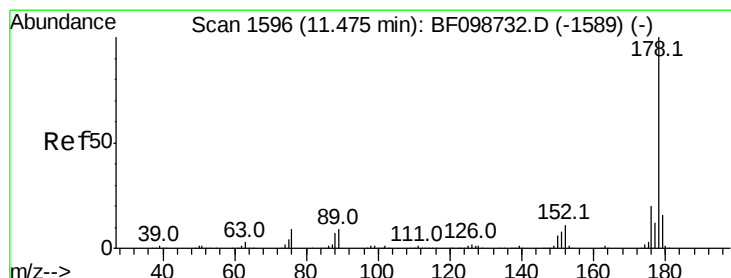
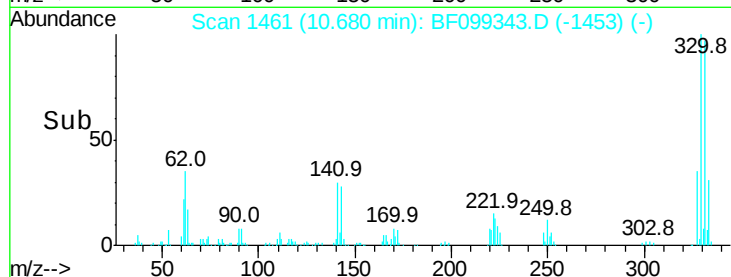
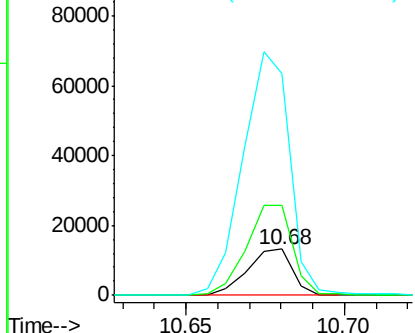
#66
 4-Bromophenyl-phenylether
 Concen: 3.997 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3
141	479.7	74.4	111.6

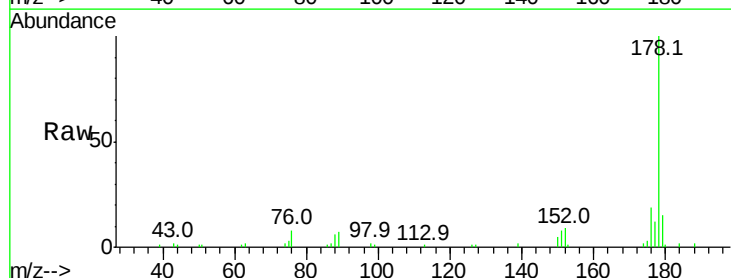


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

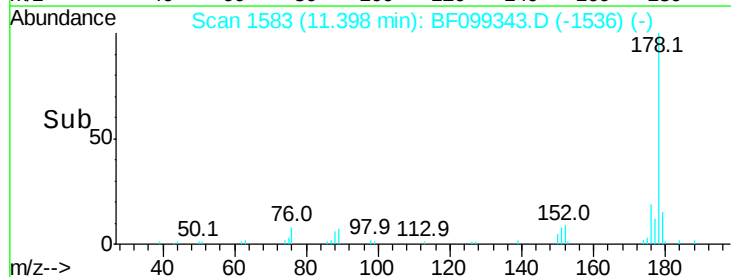
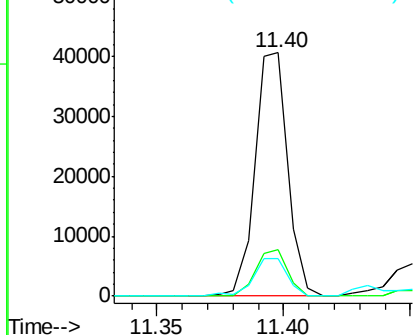


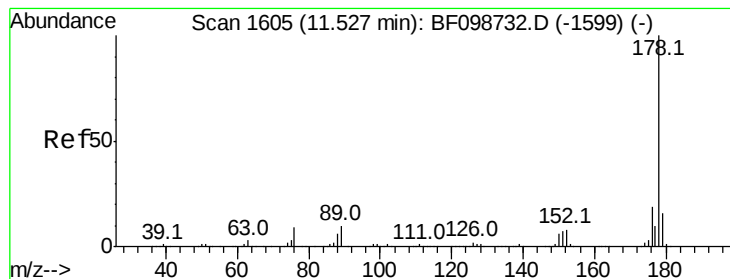
#70
 Phenanthrene
 Concen: 2.066 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	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: 2.019 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.07 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

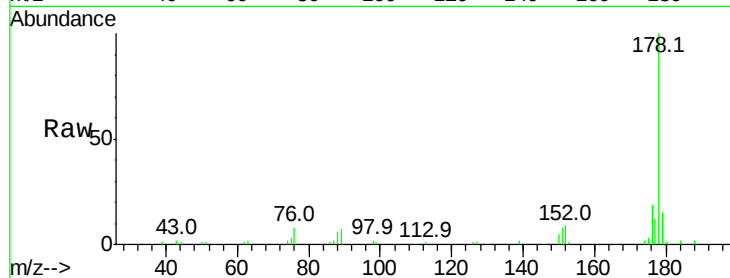
Tot Ion:178 Resp: 36580

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

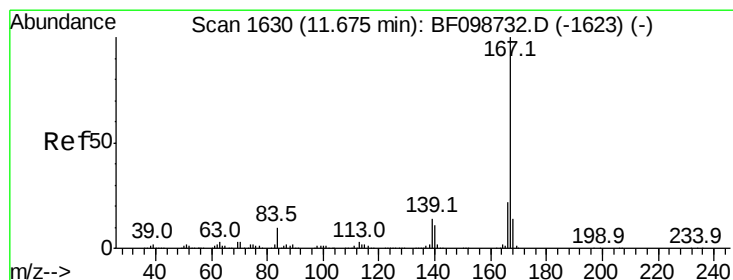
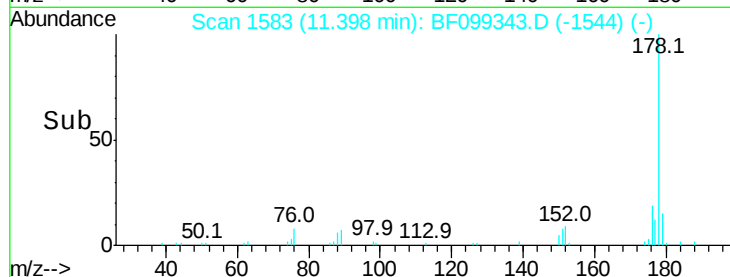
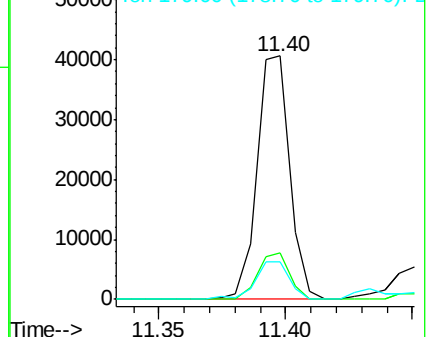
179 15.2 12.6 19.0



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



#72

Carbazole

Concen: 5.364 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

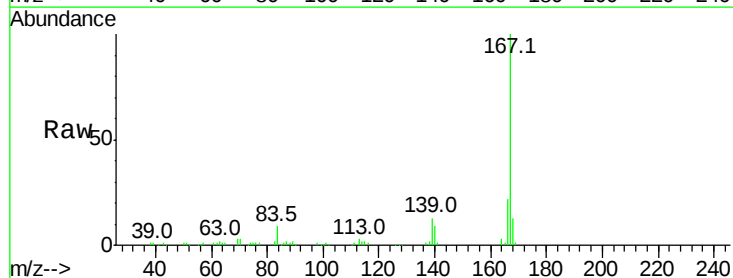
Tgt Ion:167 Resp: 95164

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

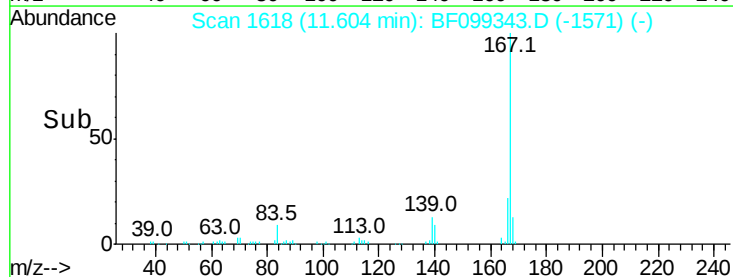
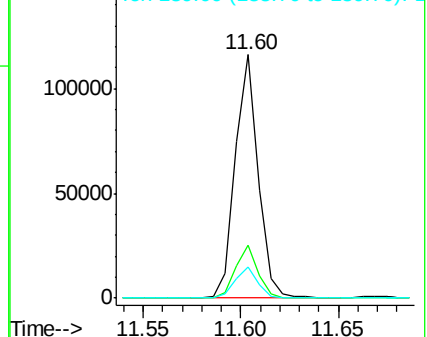
139 12.6 10.9 16.3

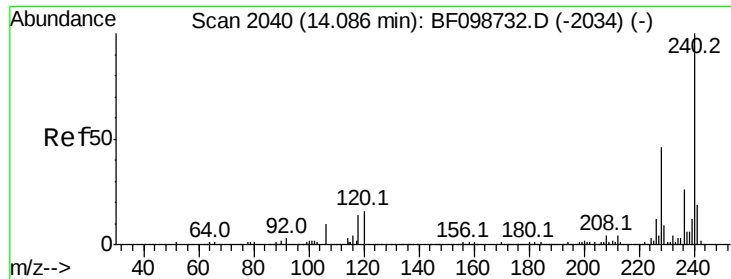


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

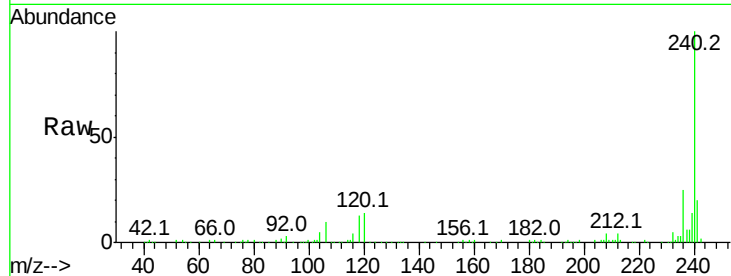
Tot Ion:240 Resp: 192283

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

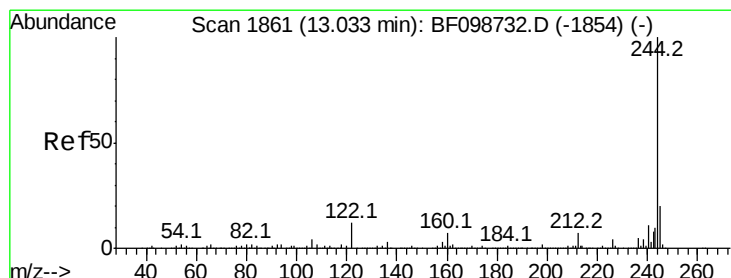
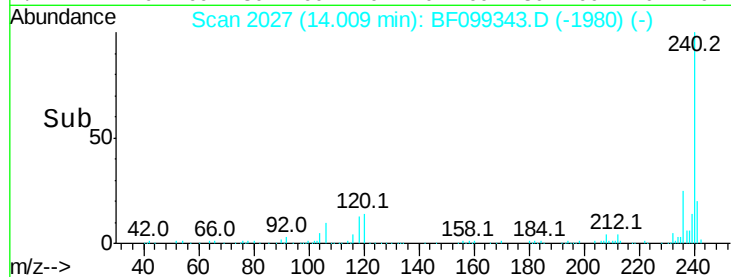
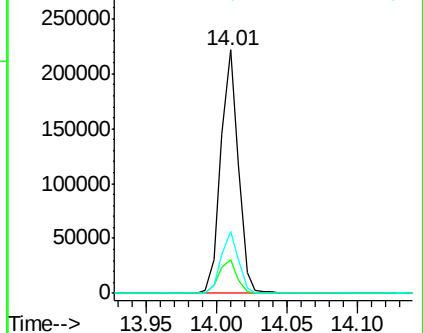
236 25.3 20.7 31.1



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: 97.710 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

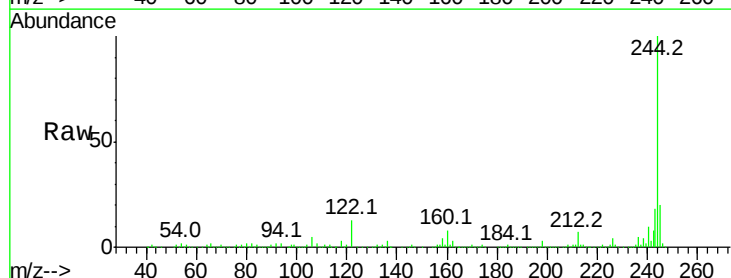
Tgt Ion:244 Resp: 826137

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

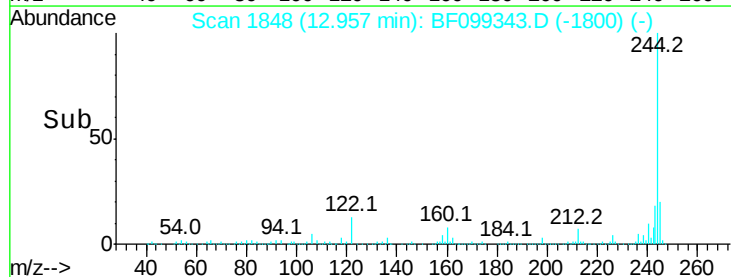
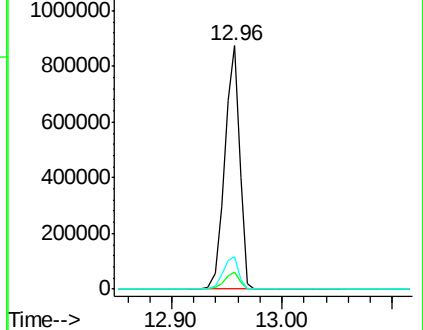
122 13.1 11.0 16.4

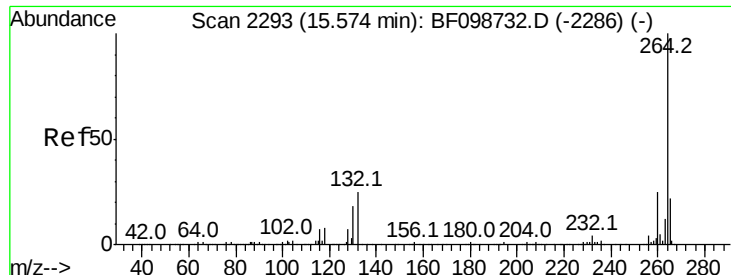


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

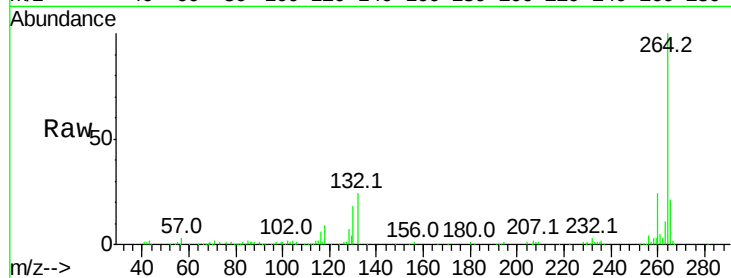




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	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

