

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099775.D
 Acq On : 23 Oct 2017 22:45
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 23 23:33:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

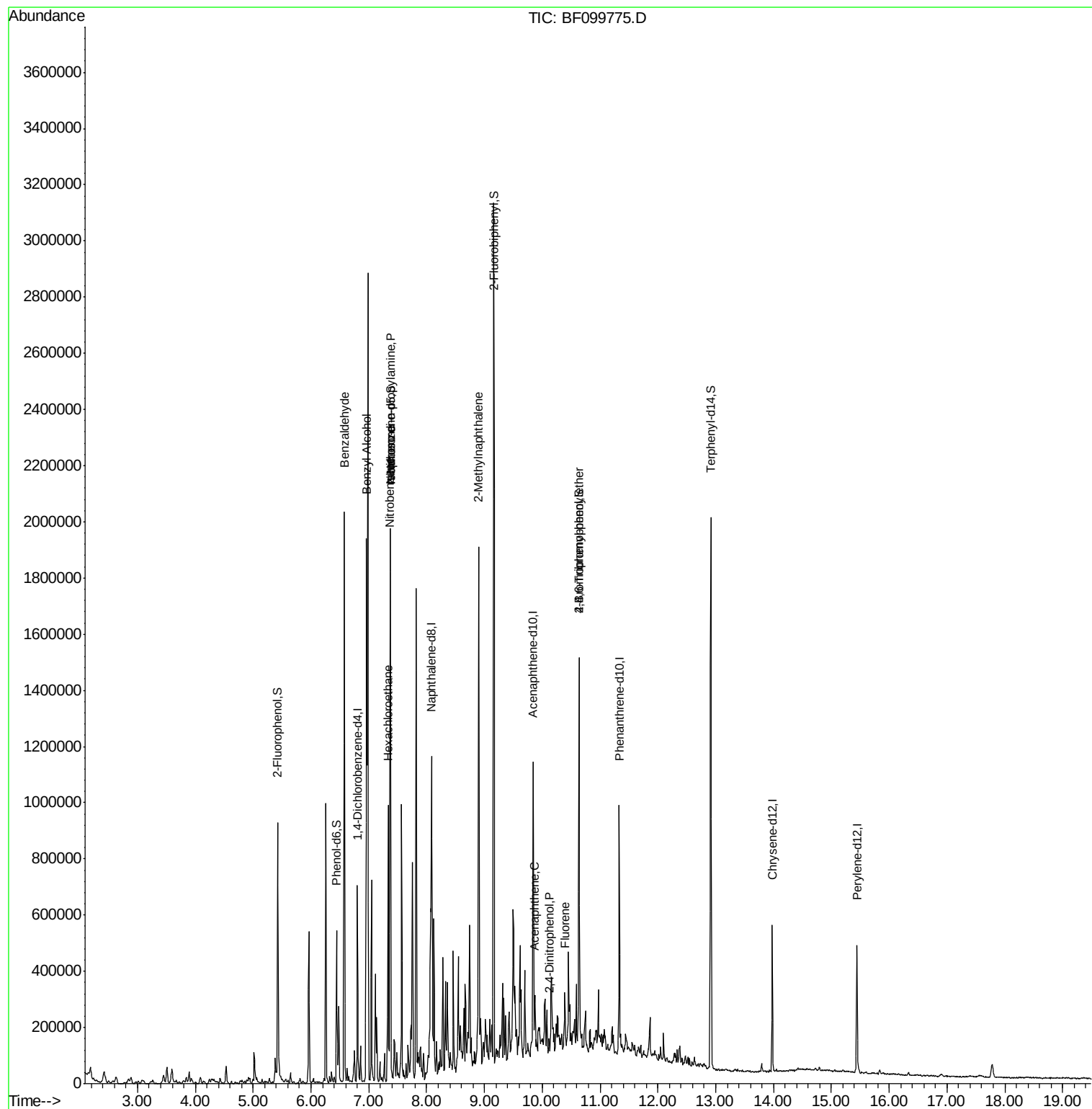
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108817	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	438962	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	207490	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	304950	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175524	20.00	ng	0.00
86) Perylene-d12	15.44	264	197760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	332176	47.92	ng	0.00
7) Phenol-d6	6.45	99	244508	29.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	505272	74.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173707	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1059198	78.76	ng	0.00
78) Terphenyl-d14	12.92	244	616396	76.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	11385	2.32	ng	87
15) Benzyl Alcohol	6.96	79	12509	2.39	ng	# 31
18) Hexachloroethane	7.33	117	118437	42.17	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	63184	13.12	ng	# 73
24) Nitrobenzene	7.36	77	20273	2.95	ng	# 1
25) Isophorone	7.37	82	502682	40.63	ng	# 64
37) 2-Methylnaphthalene	8.90	142	482108	33.95	ng	97
51) Acenaphthene	9.87	154	26497	2.07	ng	93
53) 2,4-Dinitrophenol	10.12	184	107	5.83	ng	# 1
57) Fluorene	10.39	166	51394	3.43	ng	# 98
66) 4-Bromophenyl-phenylether	10.64	248	11786	3.67	ng	# 1

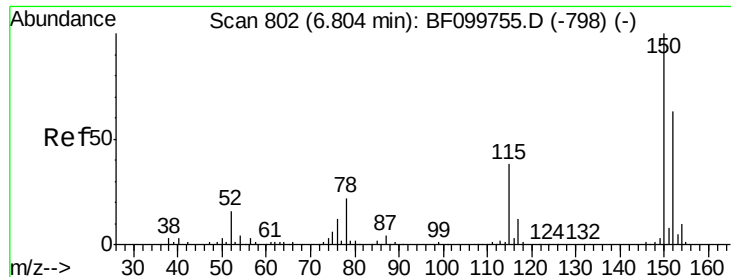
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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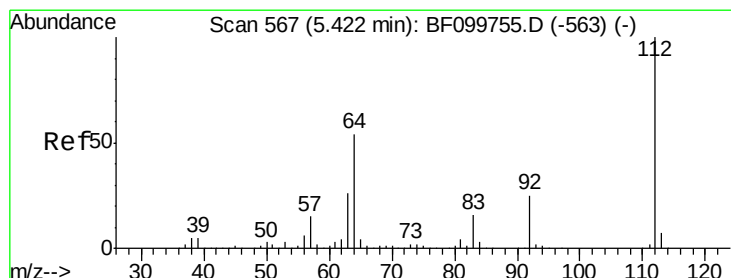
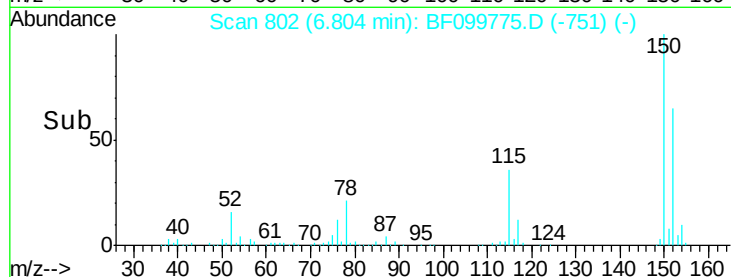
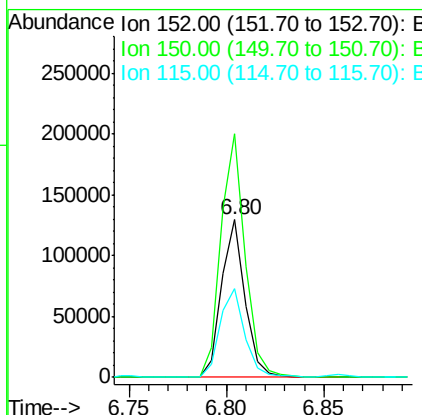
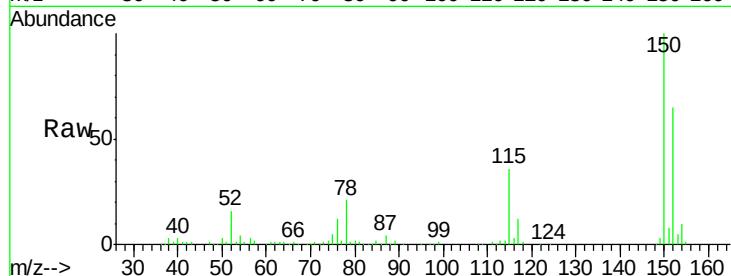


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
MW-1

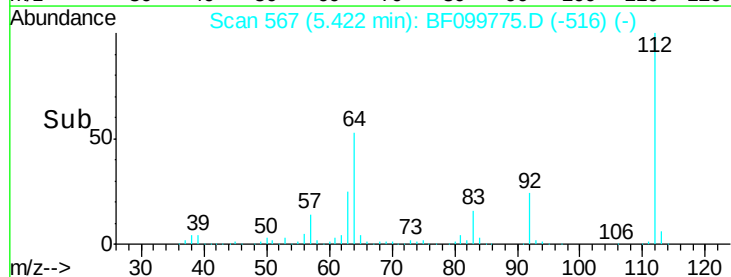
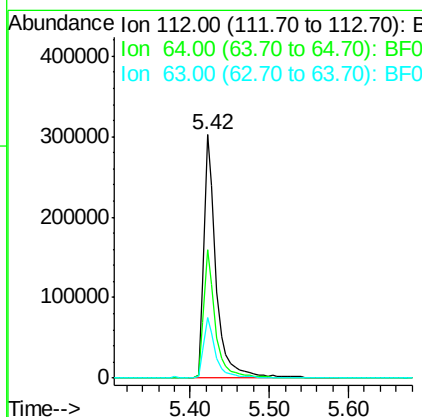
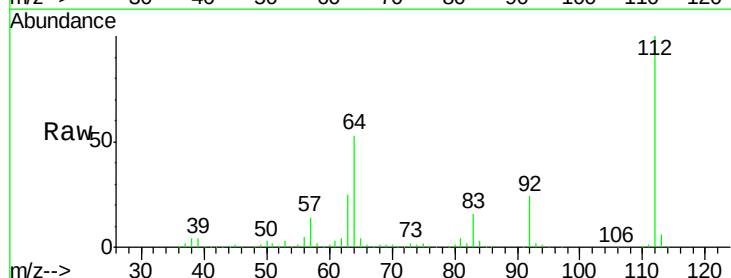
Tot Ion:152 Resp: 108817
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.3 50.1 75.1

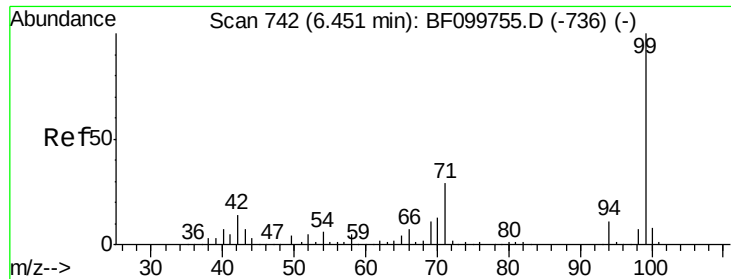


#5

2-Fluorophenol
Concen: 47.92 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:112 Resp: 332176
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 29.75 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampled :

MW-1

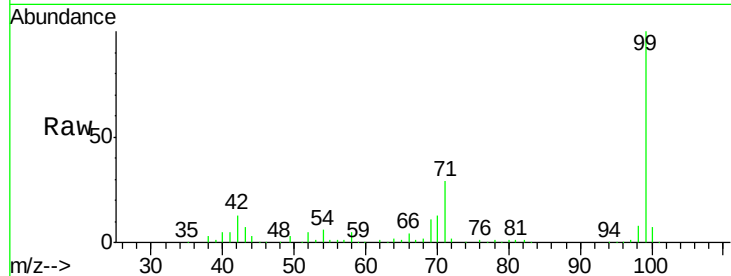
Tot Ion: 99 Resp: 244508

Ion Ratio Lower Upper

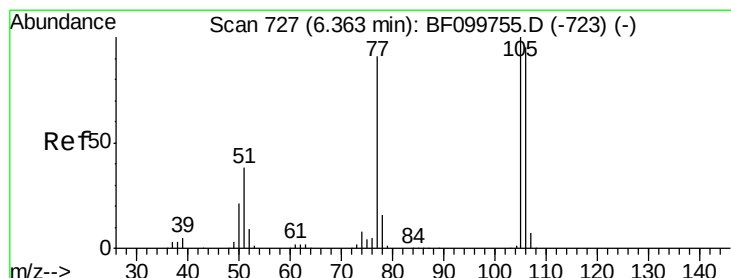
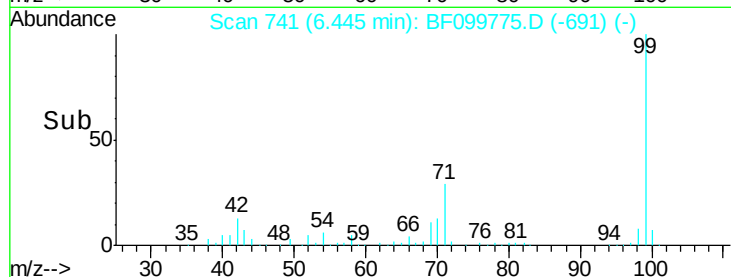
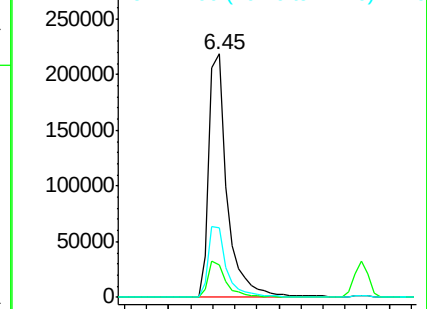
99 100

42 13.2 14.5 21.7#

71 28.7 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: 2.32 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

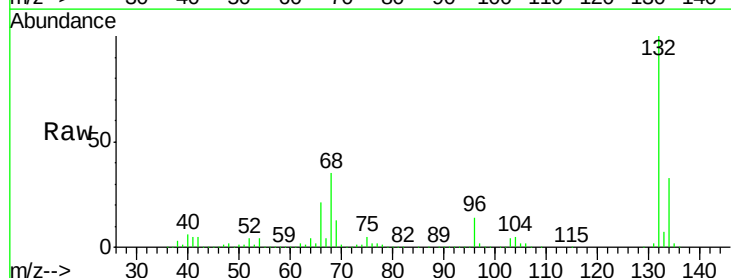
Tgt Ion: 77 Resp: 11385

Ion Ratio Lower Upper

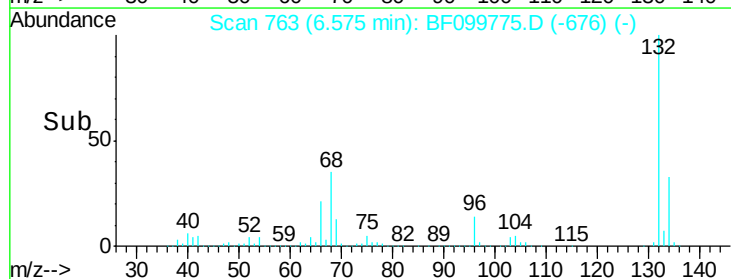
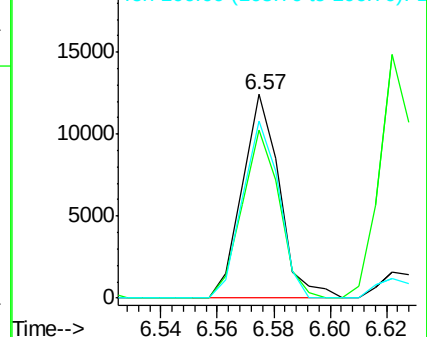
77 100

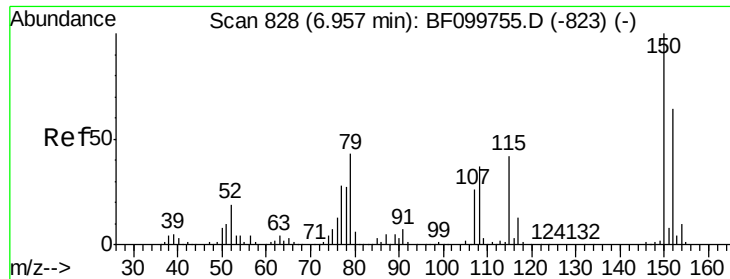
105 82.6 81.1 121.1

106 86.7 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





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampled :

MW-1

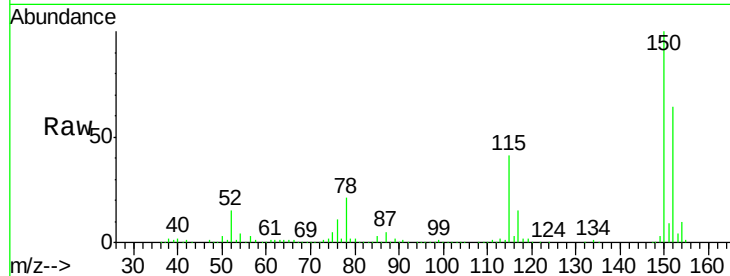
Tot Ion: 79 Resp: 12509

Ion Ratio Lower Upper

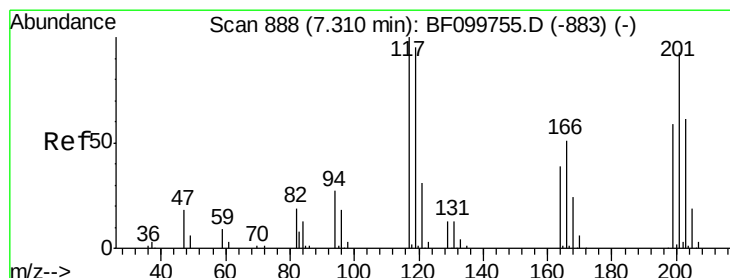
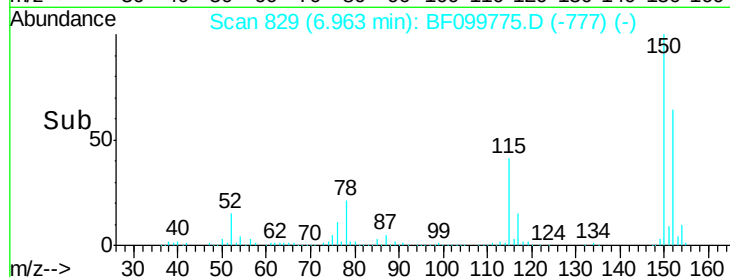
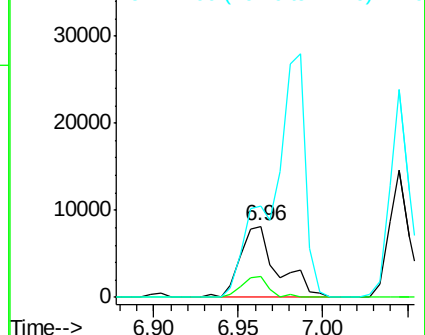
79 100

108 30.3 65.1 97.7#

77 127.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 42.17 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.02 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

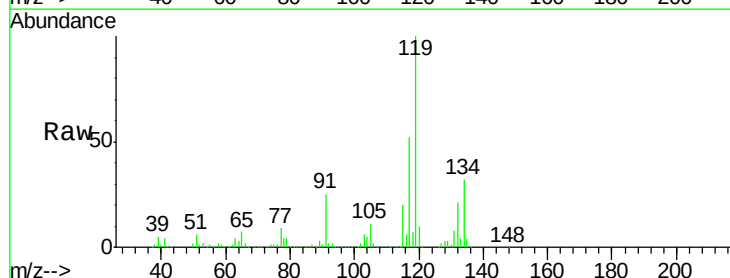
Tgt Ion: 117 Resp: 118437

Ion Ratio Lower Upper

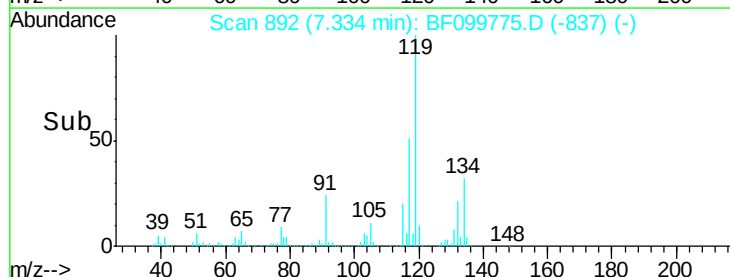
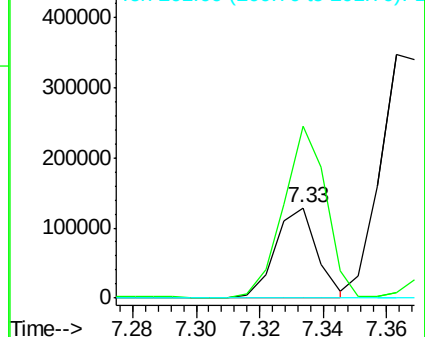
117 100

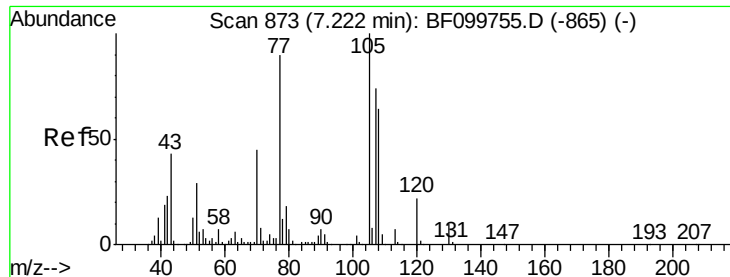
119 191.6 75.8 113.8#

201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

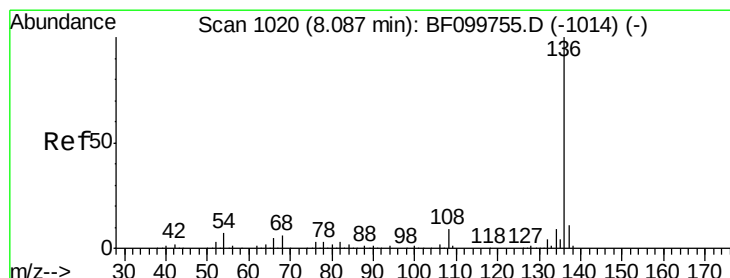
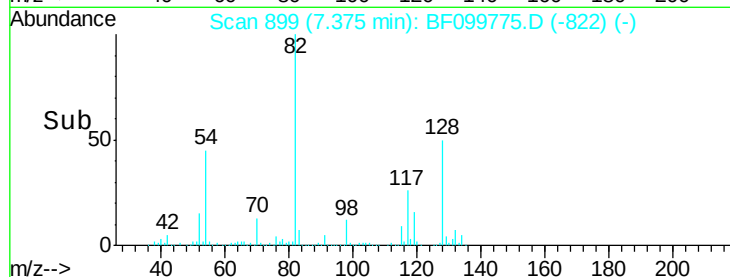
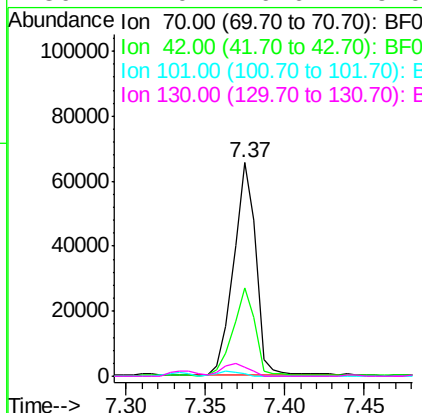
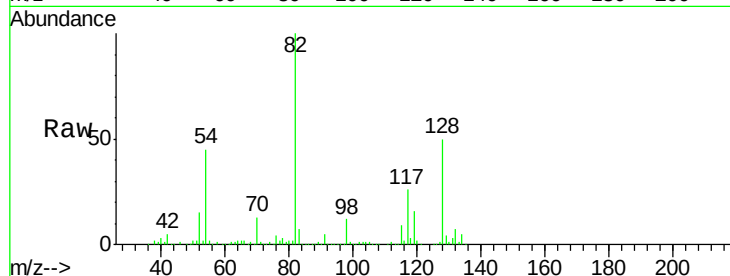




#19
n-Nitroso-di-n-propylamine
Concen: 13.12 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

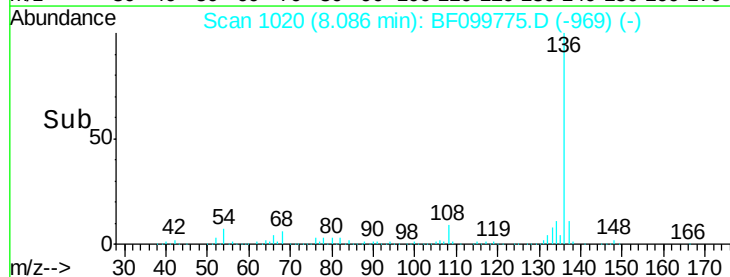
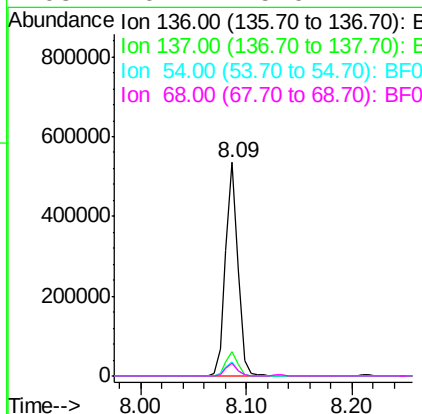
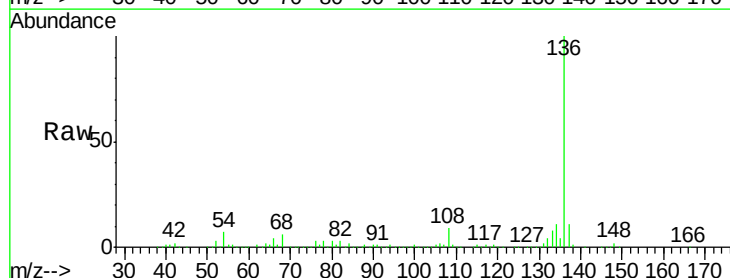
Instrument :
BNA_F
ClientSampleId :
MW-1

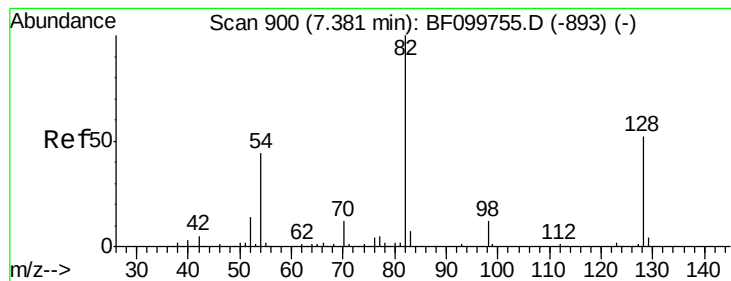
Tot Ion: 70 Resp: 63184
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 1.3 7.4 11.2#
130 4.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:136 Resp: 438962
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 6.6 9.8
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 74.11 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

MW-1

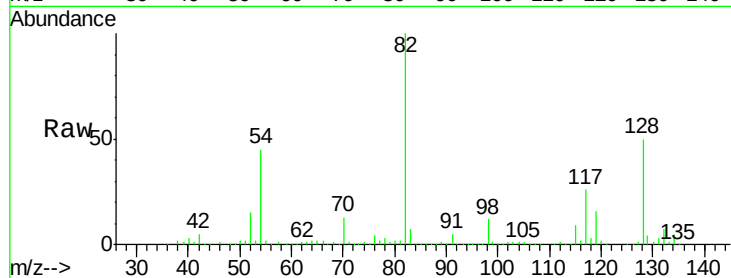
Tot Ion: 82 Resp: 505272

Ion Ratio Lower Upper

82 100

128 50.2 36.1 54.1

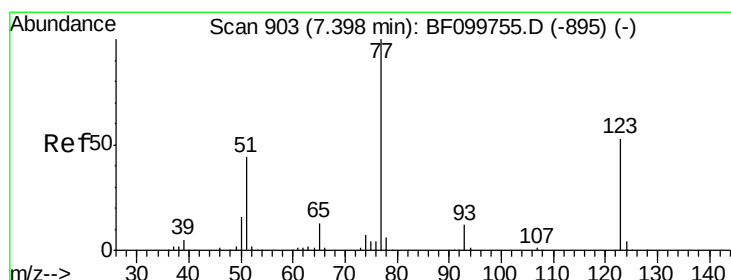
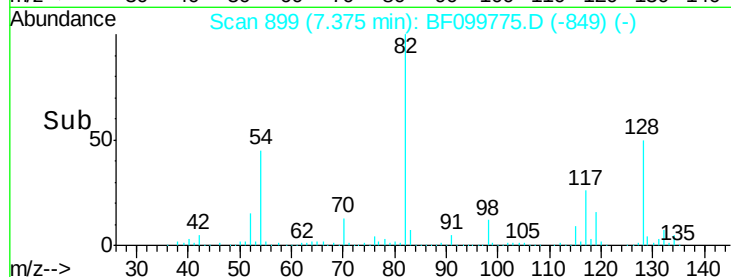
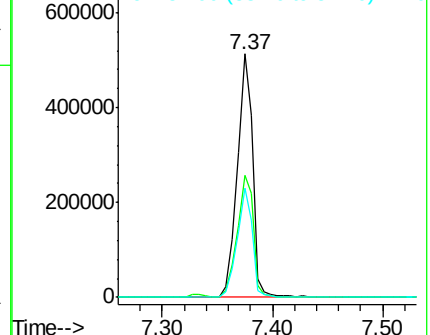
54 44.6 41.4 62.2



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



#24

Nitrobenzene

Concen: 2.95 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.04 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

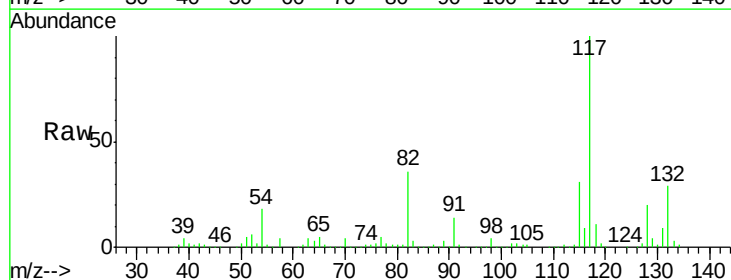
Tgt Ion: 77 Resp: 20273

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

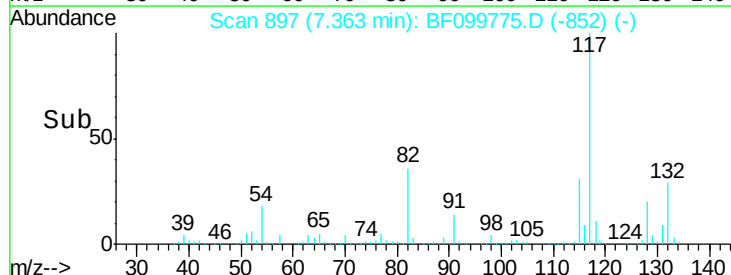
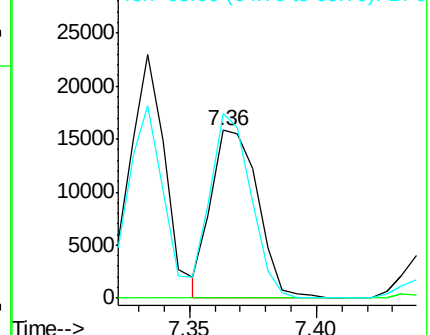
65 109.9 11.0 16.4#

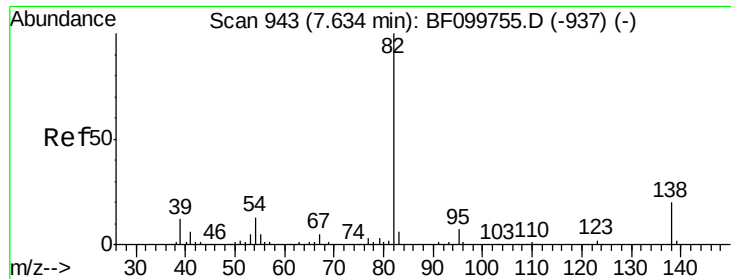


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.63 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

MW-1

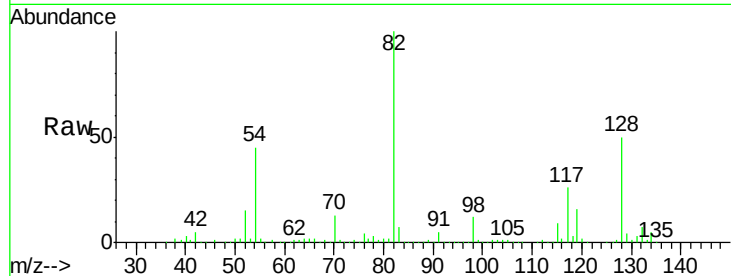
Tot Ion: 82 Resp: 502682

Ion Ratio Lower Upper

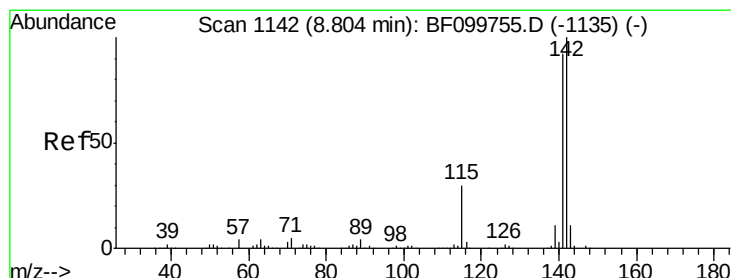
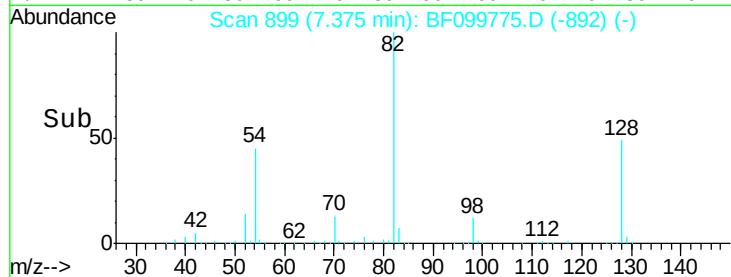
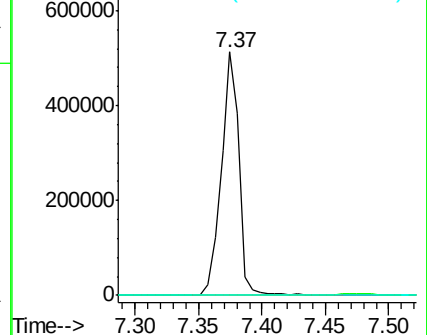
82 100

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): BF0



#37

2-Methylnaphthalene

Concen: 33.95 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.09 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

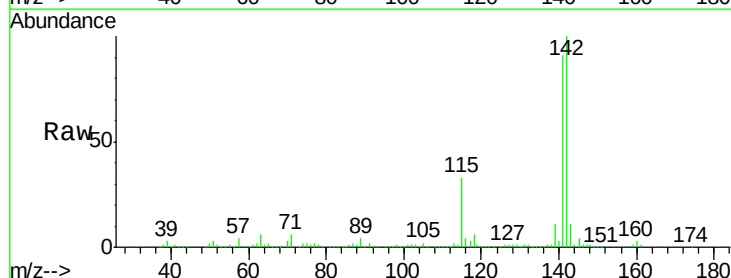
Tgt Ion: 142 Resp: 482108

Ion Ratio Lower Upper

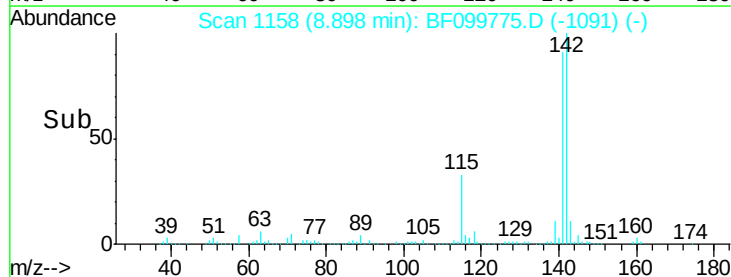
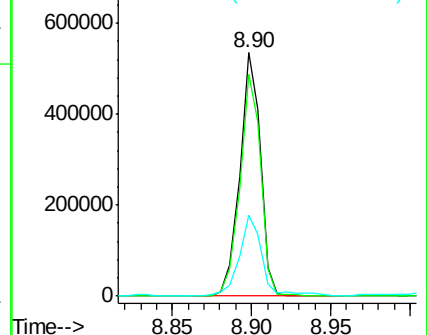
142 100

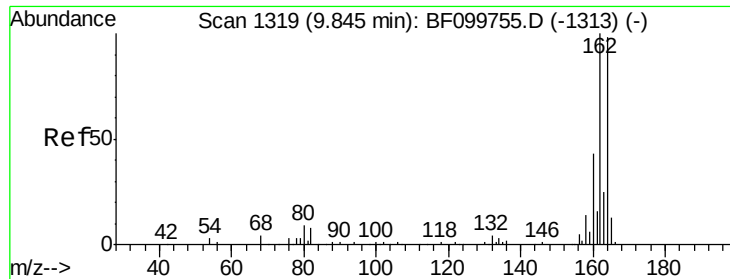
141 91.2 70.8 106.2

115 33.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

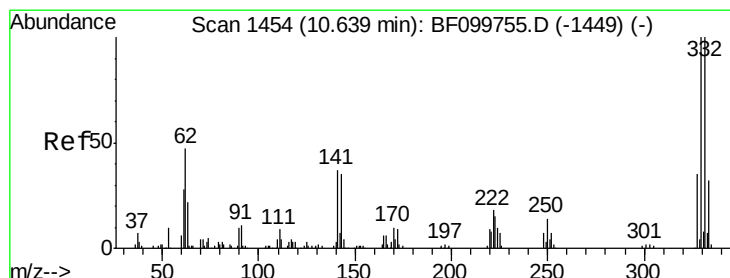
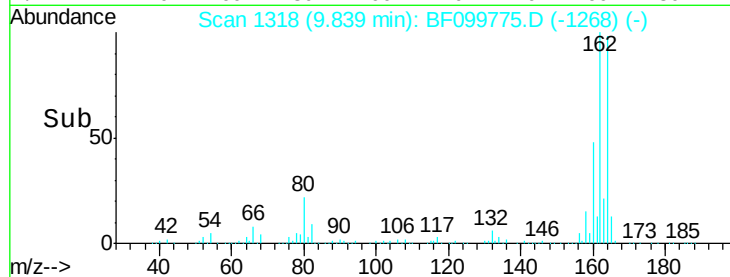
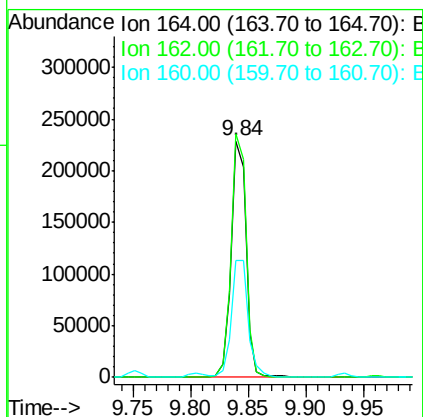
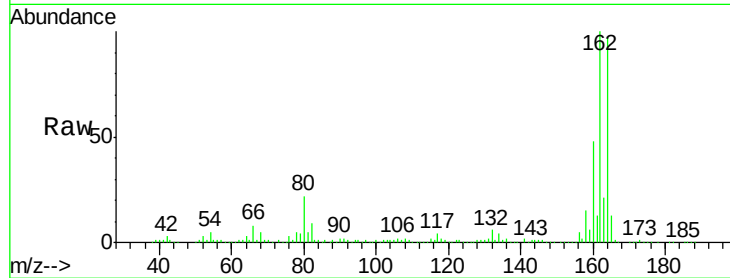




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

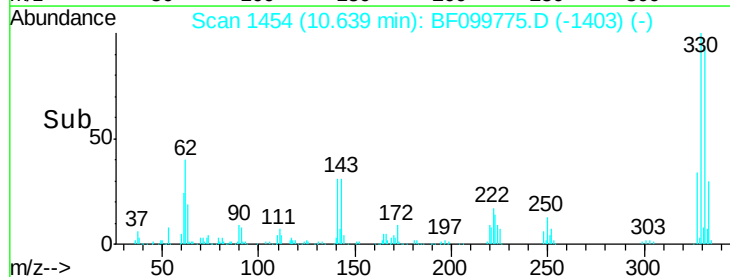
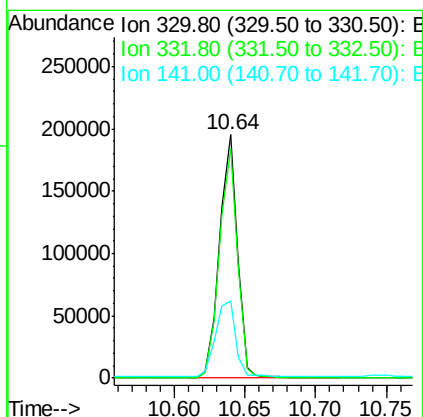
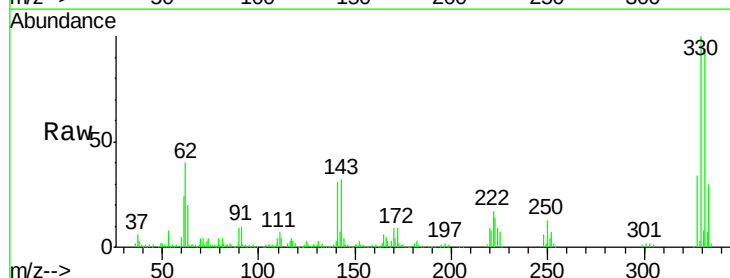
Instrument :
BNA_F
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MW-1

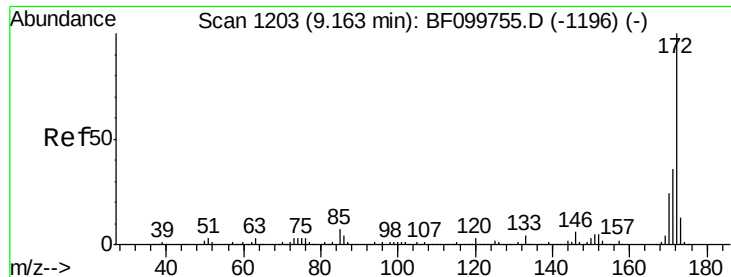
Tot Ion:164 Resp: 207490
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 49.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 91.87 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:330 Resp: 173707
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 35.3 29.9 44.9

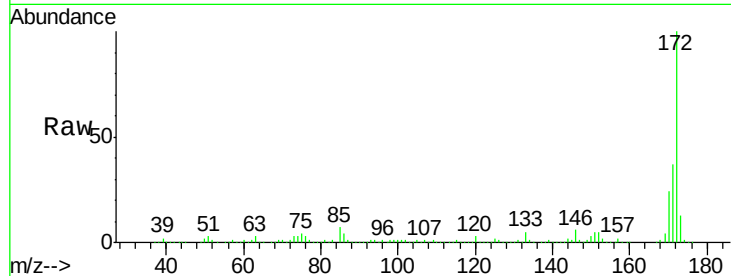




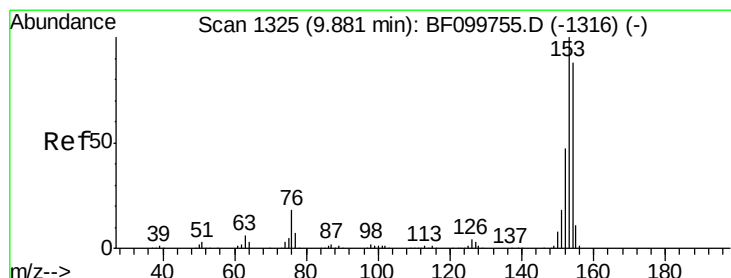
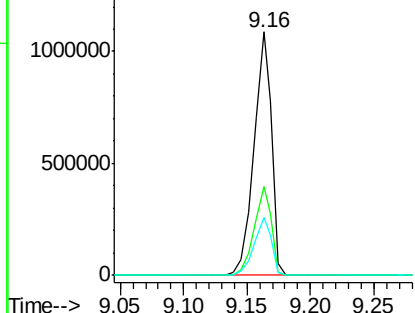
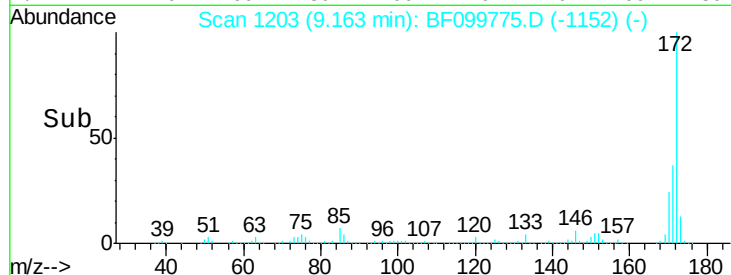
#44
2-Fluorobiphenyl
Concen: 78.76 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:172 Resp: 1059198
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 19.6 29.4

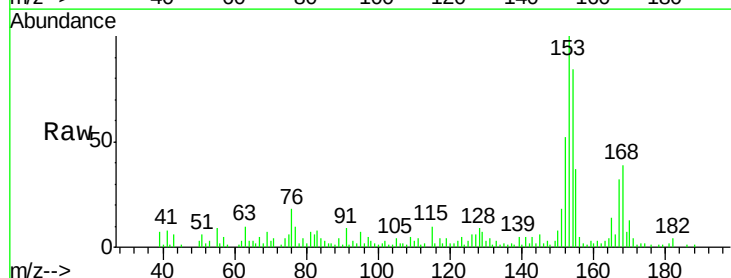


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

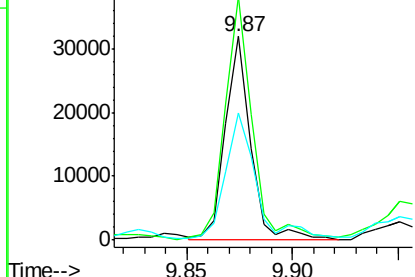
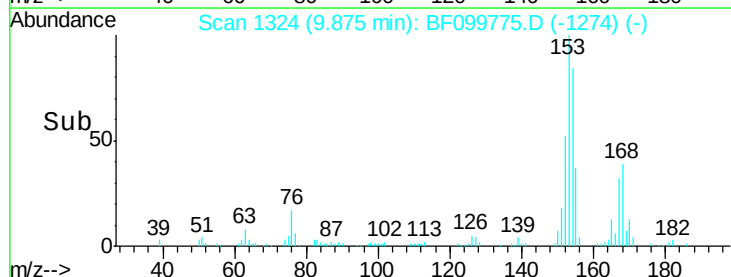


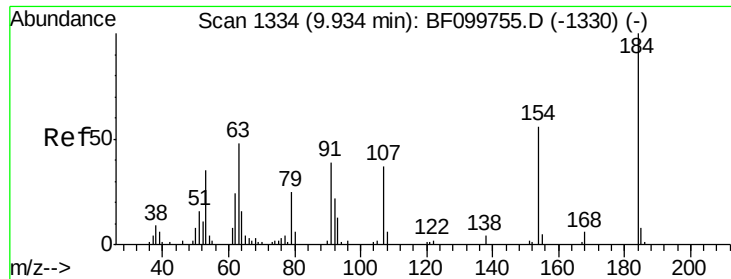
#51
Acenaphthene
Concen: 2.07 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:154 Resp: 26497
Ion Ratio Lower Upper
154 100
153 119.7 91.2 136.8
152 62.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

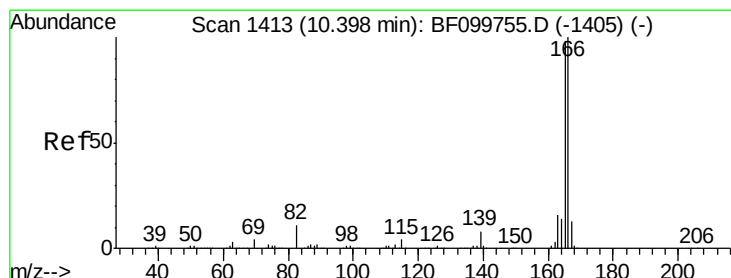
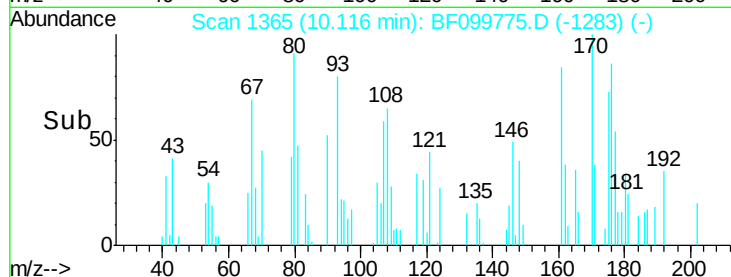
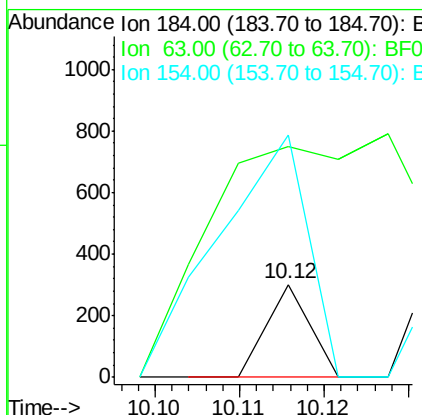
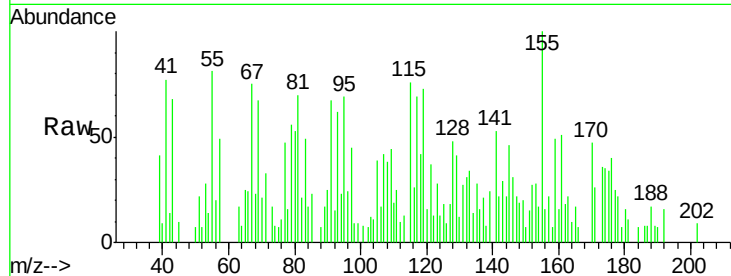




#53
 2,4-Dinitrophenol
 Concen: 5.83 na
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.18 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

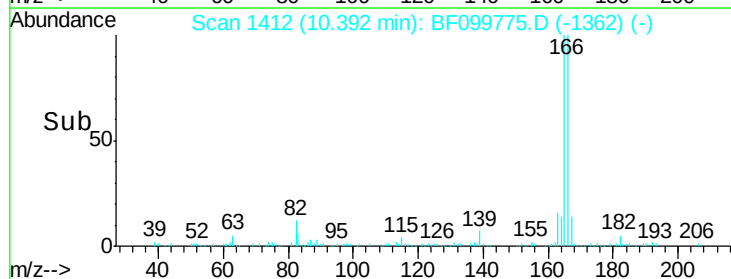
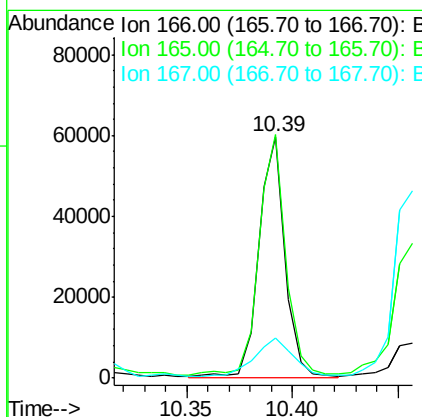
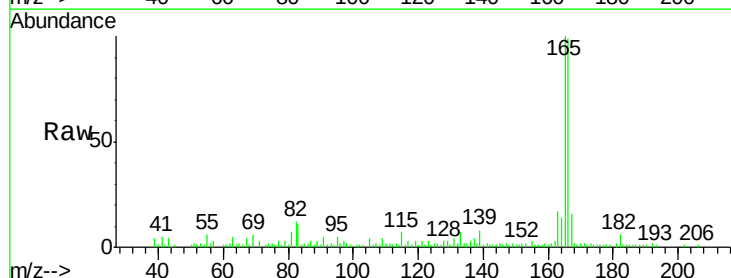
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

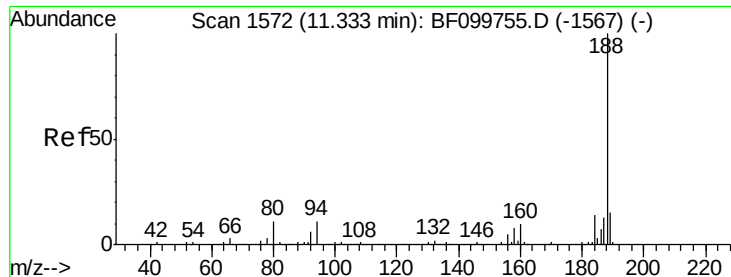
Tot Ion:184 Resp: 107
 Ion Ratio Lower Upper
 184 100
 63 248.7 54.2 81.2#
 154 260.6 53.5 80.3#



#57
 Fluorene
 Concen: 3.43 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

Tgt Ion:166 Resp: 51394
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.8 119.8
 167 16.4 10.6 16.0#

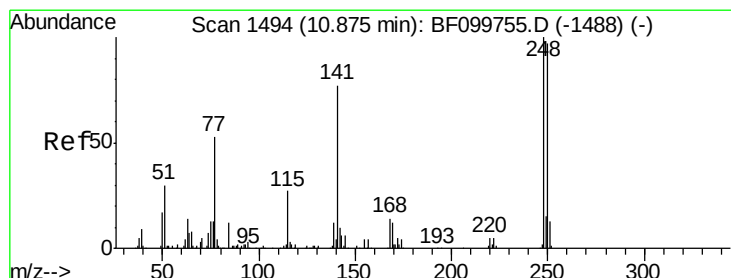
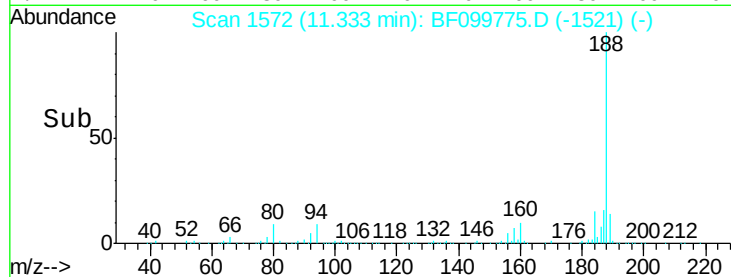
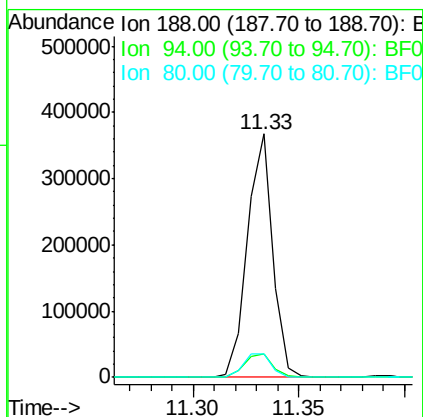
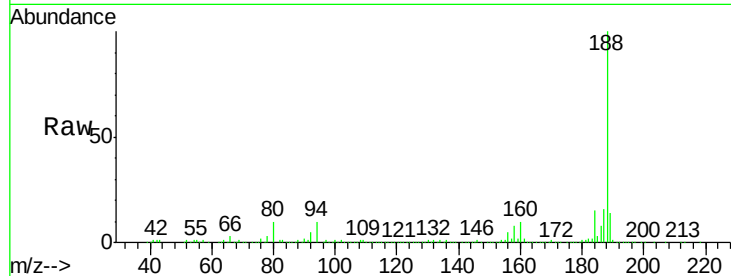




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

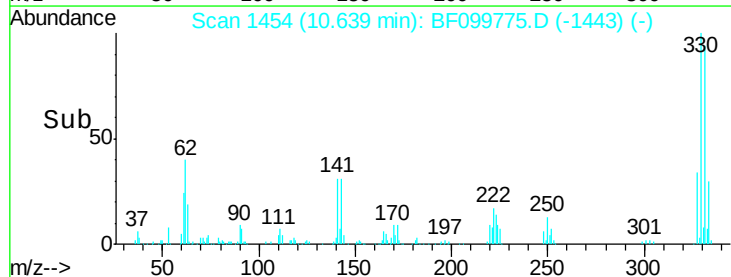
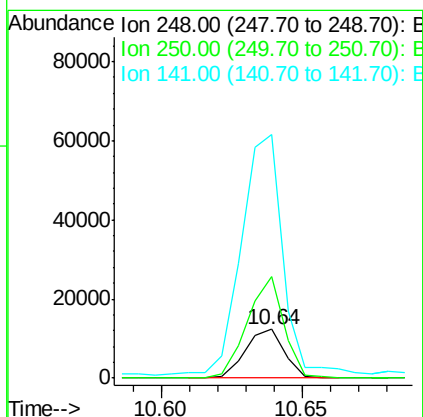
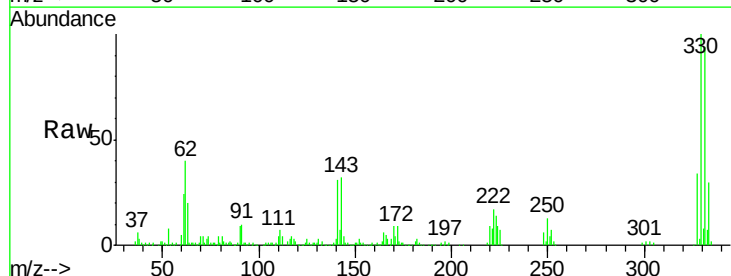
Instrument :
BNA_F
ClientSampleId :
MW-1

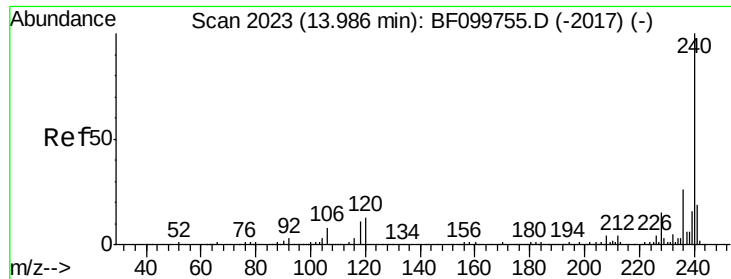
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	208.7	76.9	115.3#
141	497.6	74.4	111.6#

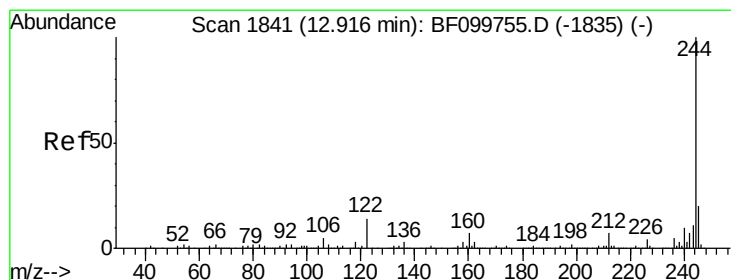
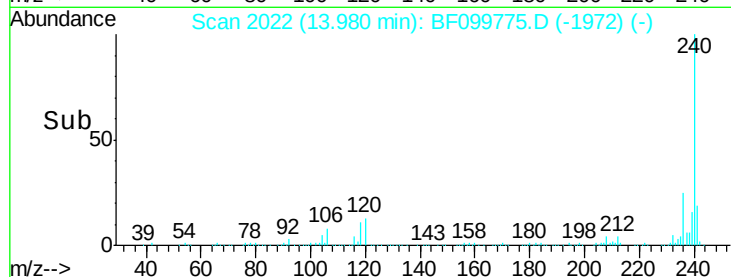
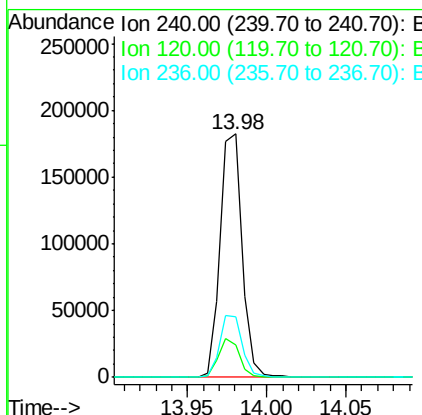
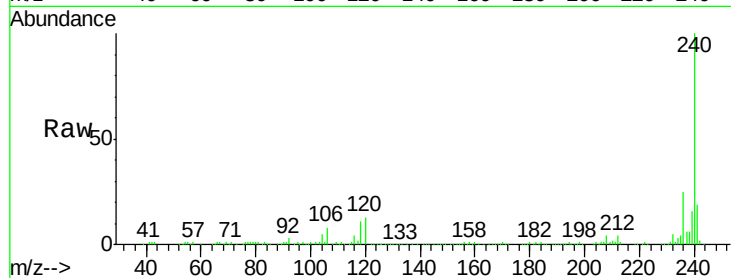




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

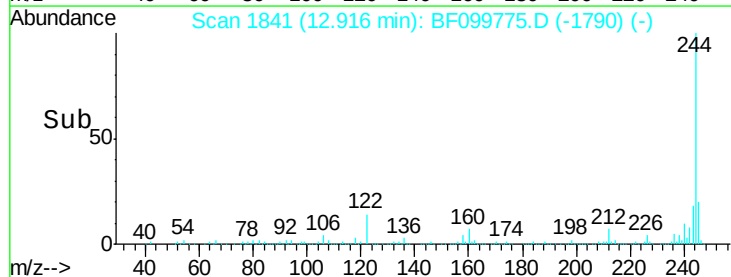
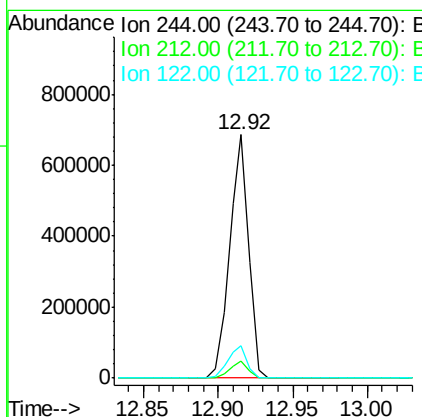
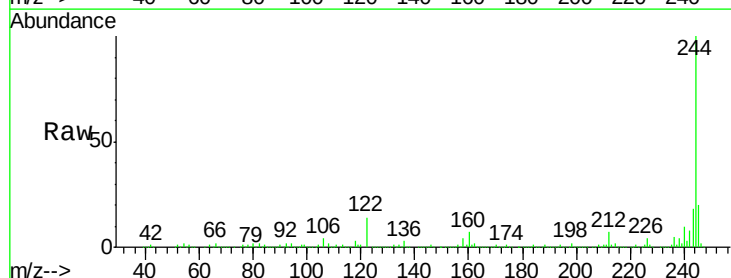
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

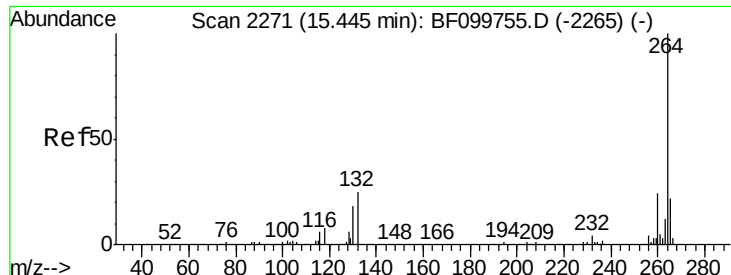
Tot Ion:240 Resp: 175524
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.74 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

Tgt Ion:244 Resp: 616396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4

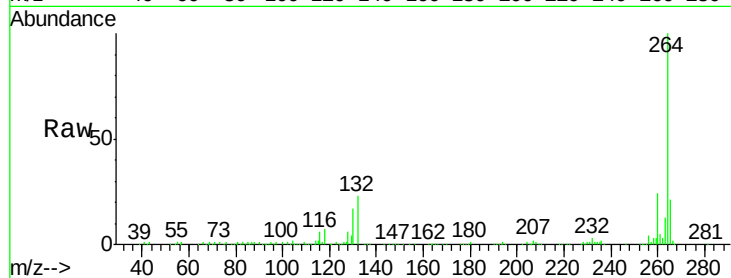




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	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

