

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091879.D
 Acq On : 22 Dec 2016 12:07
 Operator : UM/SJ
 Sample : H5943-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 23 00:33:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

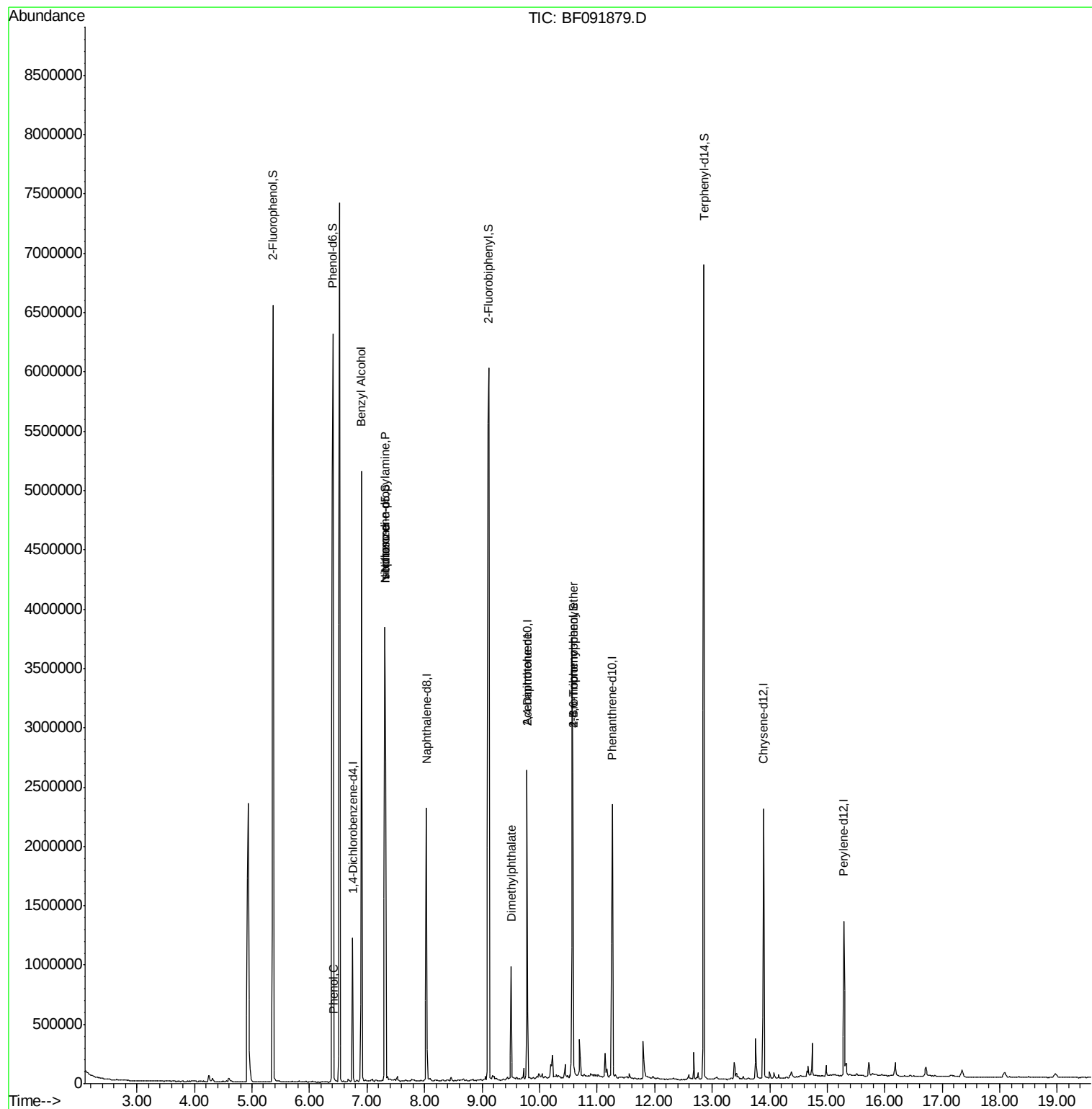
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	274662	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1124915	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	595816	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	989015	20.00	ng	0.00
75) Chrysene-d12	13.89	240	756674	20.00	ng	-0.01
86) Perylene-d12	15.29	264	617484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2586128	157.22	ng	0.02
7) Phenol-d6	6.41	99	3272707	162.96	ng	0.00
23) Nitrobenzene-d5	7.31	82	1999303	98.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	722616	146.55	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3184268	113.89	ng	0.00
78) Terphenyl-d14	12.85	244	2383398	76.39	ng	0.00
Target Compounds						
10) Phenol	6.42	94	81800	3.57	ng	# 56
15) Benzyl Alcohol	6.90	79	32538	2.09	ng	# 45
19) n-Nitroso-di-n-propylamine	7.31	70	259643	19.43	ng	# 78
25) Isophorone	7.31	82	1594214	42.71	ng	# 65
37) 2-Methylnaphthalene	8.84	142	4135	Below	Cal	98
49) Dimethylphthalate	9.50	163	387400	10.17	ng	99
56) 2,4-Dinitrotoluene	9.78	165	80629	7.70	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	42440	4.13	ng	# 1
71) Anthracene	11.33	178	1279	Below	Cal	# 59
73) Di-n-butylphthalate	11.83	149	9370	Below	Cal	97
74) Fluoranthene	12.48	202	1106	Below	Cal	71

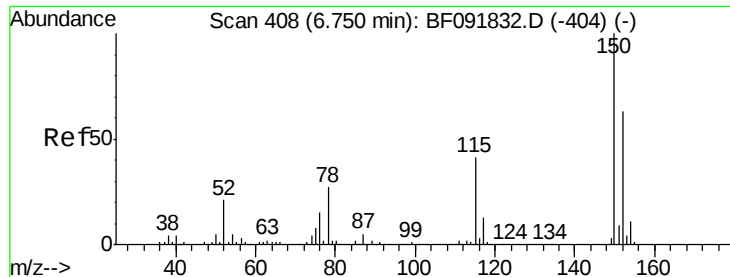
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

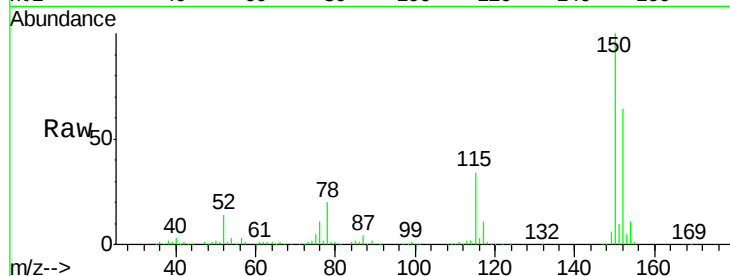
Tgt Ion:152 Resp: 274662

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

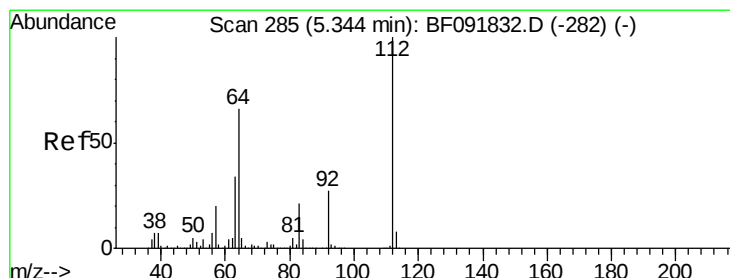
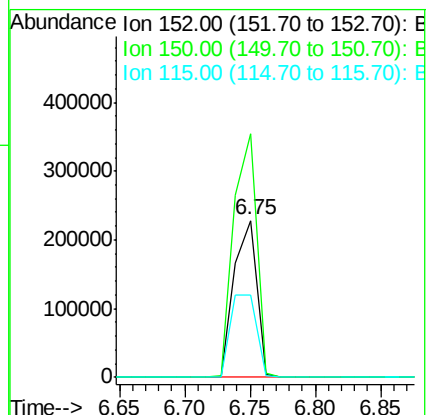
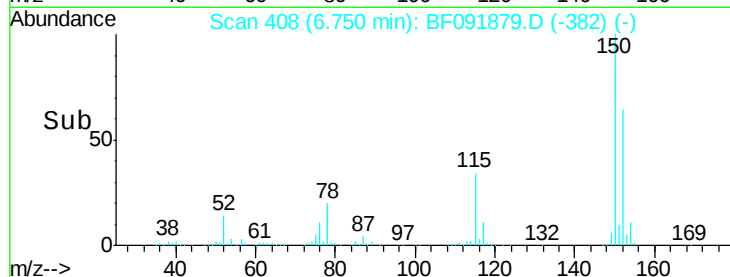
115 52.8 46.0 69.0



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: 157.22 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

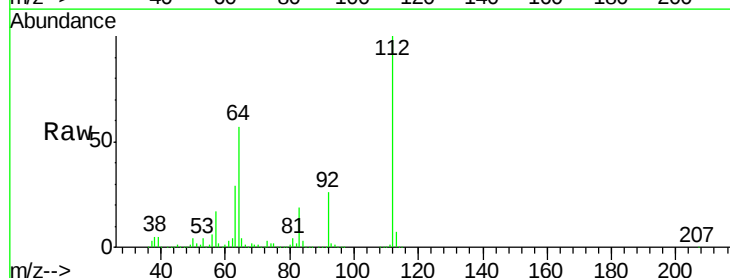
Tgt Ion:112 Resp: 2586128

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

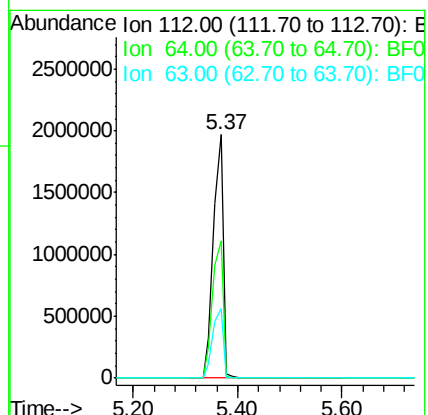
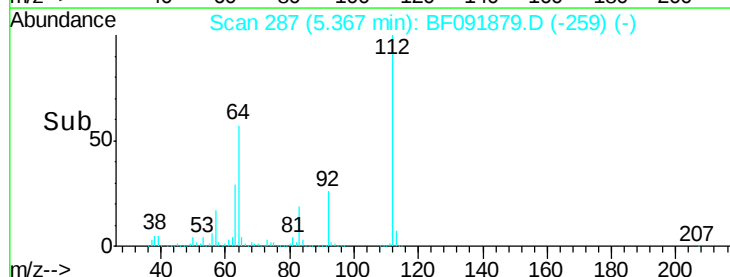
63 28.7 23.8 35.6



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: 162.96 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

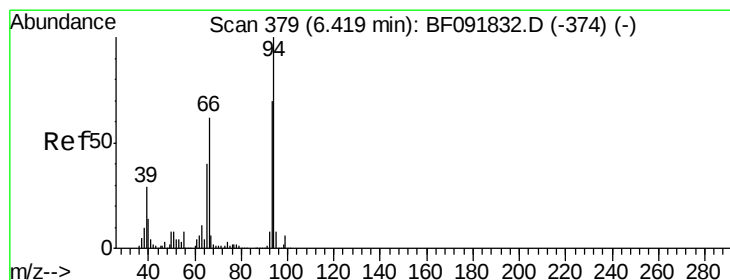
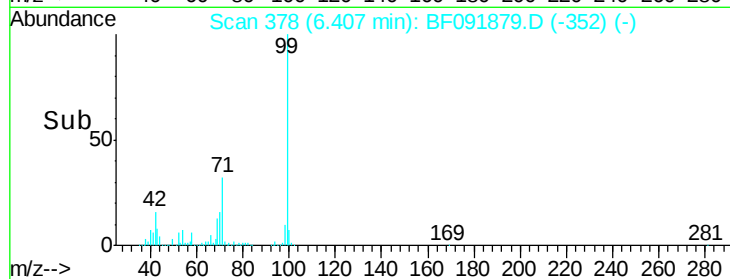
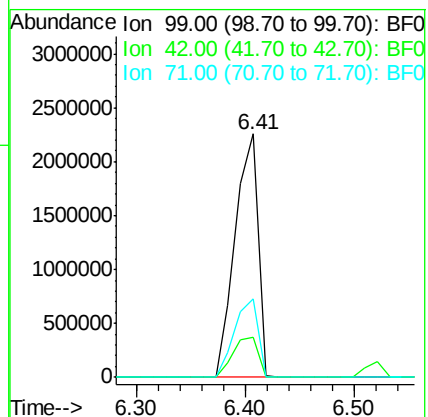
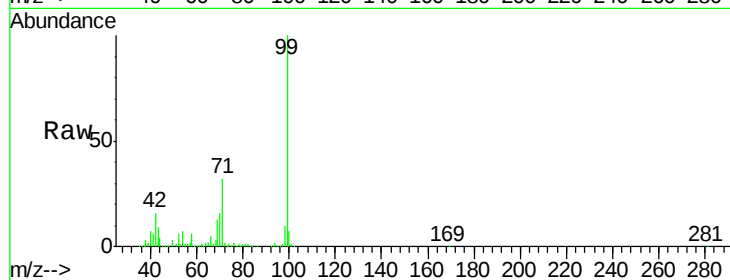
Tgt Ion: 99 Resp: 3272707

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

71 32.2 27.5 41.3



#10

Phenol

Concen: 3.57 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

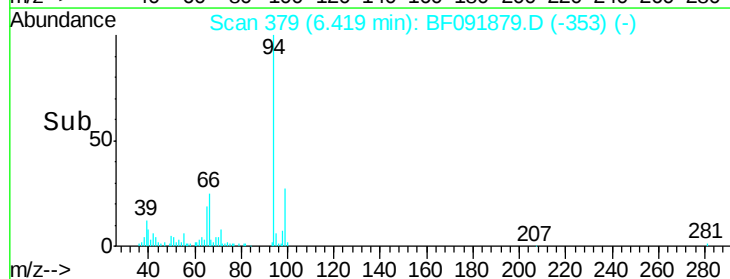
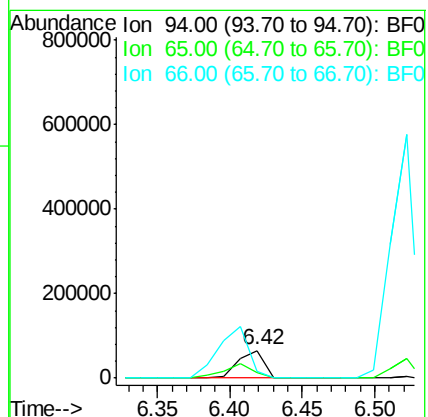
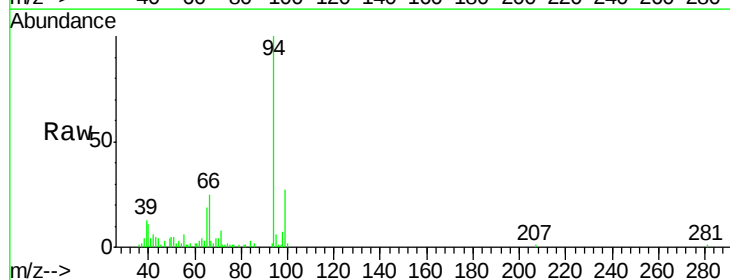
Tgt Ion: 94 Resp: 81800

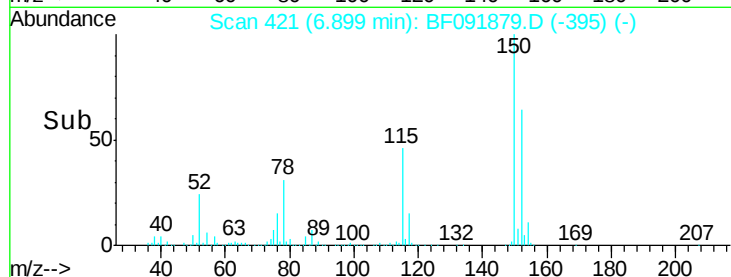
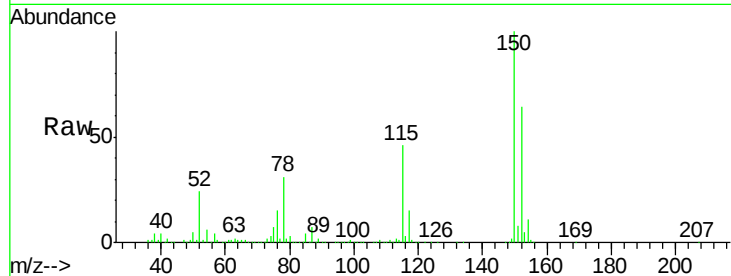
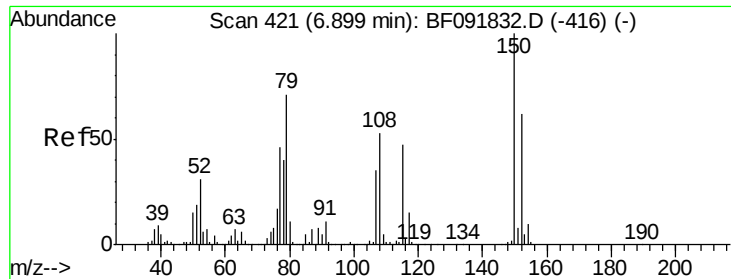
Ion Ratio Lower Upper

94 100

65 19.4 21.4 61.4#

66 24.8 44.0 84.0#





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

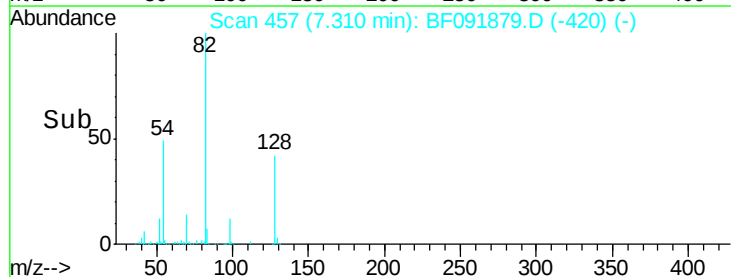
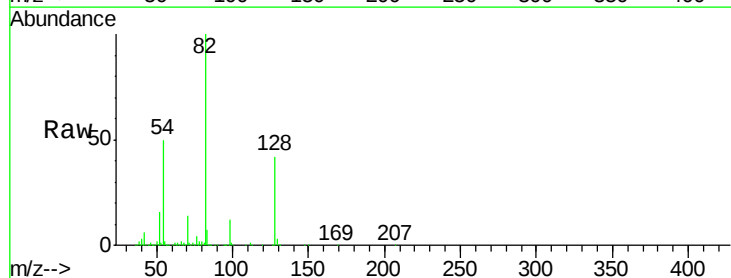
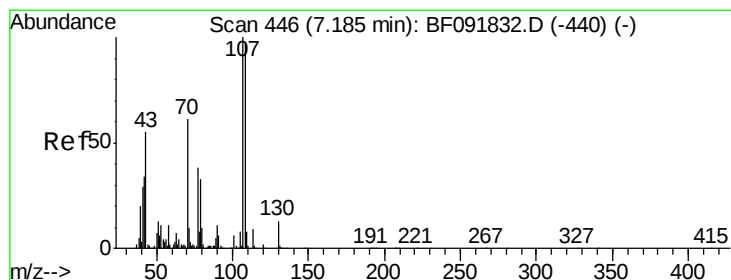
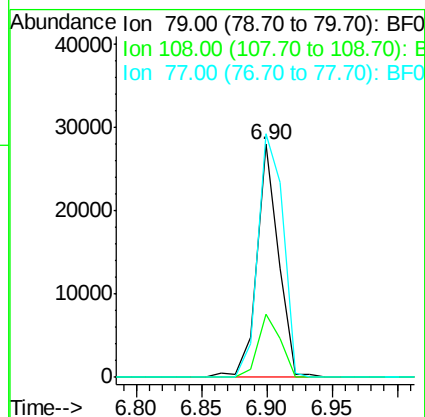
Tgt Ion: 79 Resp: 32538

Ion Ratio Lower Upper

79 100

108 27.1 61.4 92.0#

77 104.4 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.43 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Tgt Ion: 70 Resp: 259643

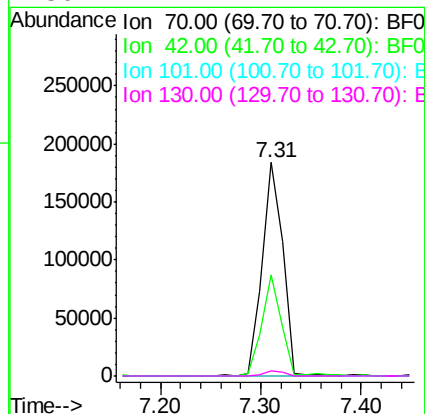
Ion Ratio Lower Upper

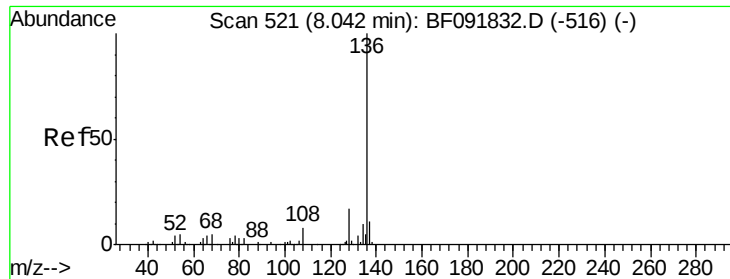
70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

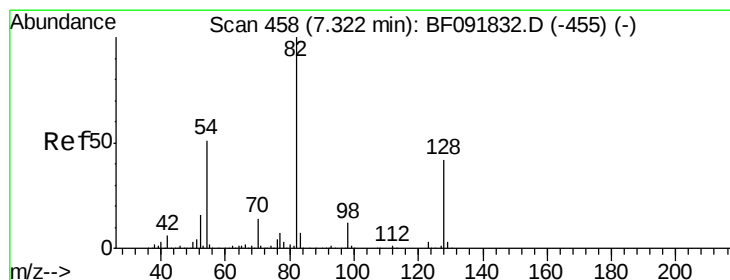
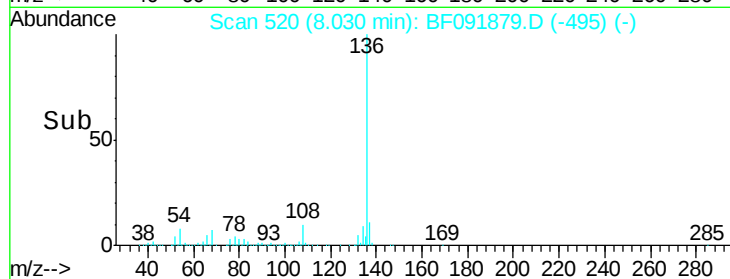
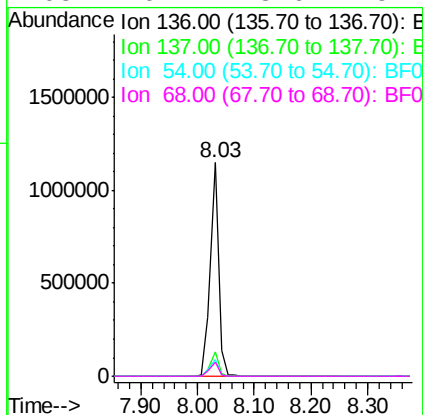
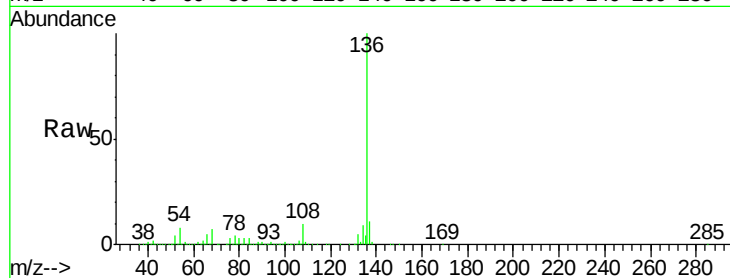




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

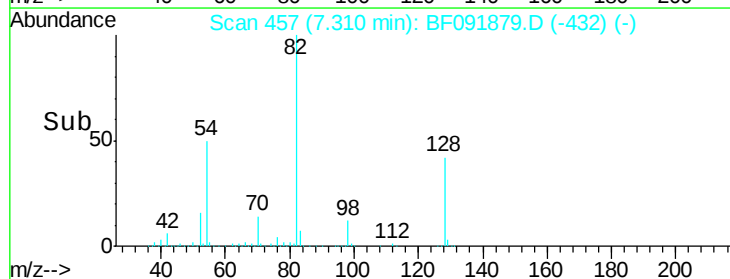
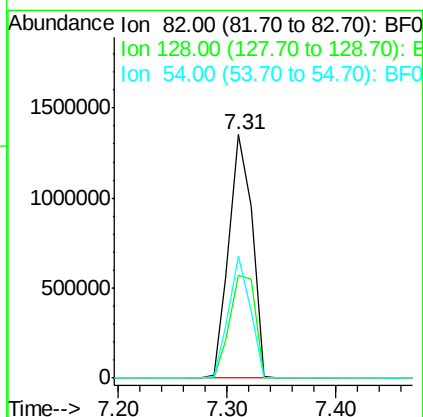
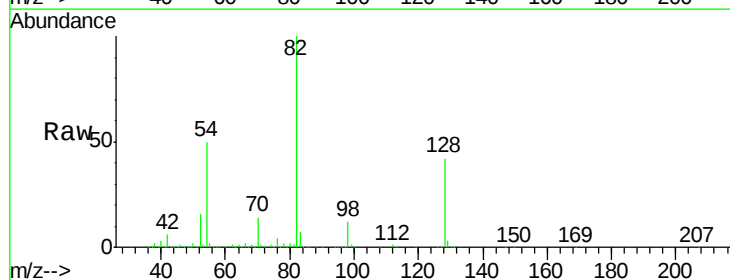
Instrument :
BNA_F
ClientSampleId :
MW-1

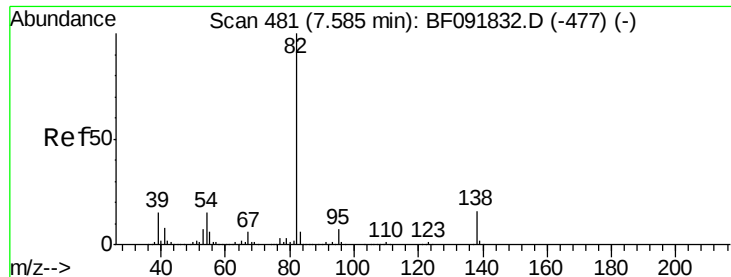
Tgt Ion:136 Resp: 1124915
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 4.5 6.7#
68 6.7 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 98.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

Tgt Ion: 82 Resp: 1999303
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 50.2 39.5 59.3





#25

Isophorone

Concen: 42.71 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.27 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

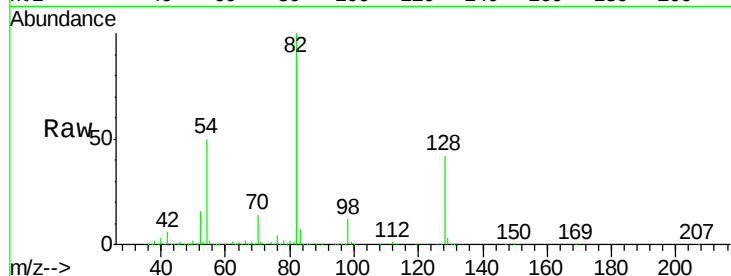
Tgt Ion: 82 Resp: 1594214

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

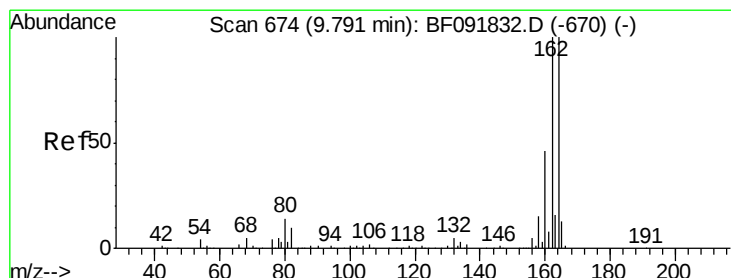
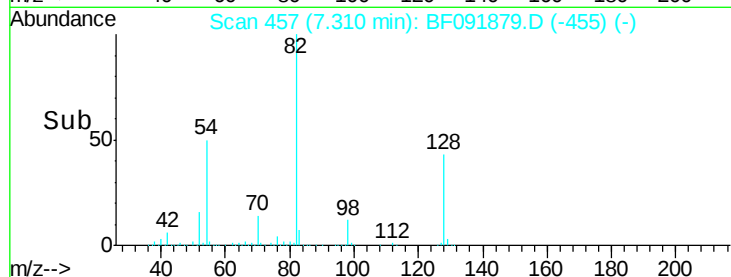
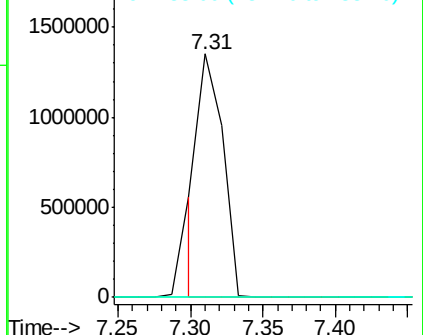
138 0.0 14.6 22.0#



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: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

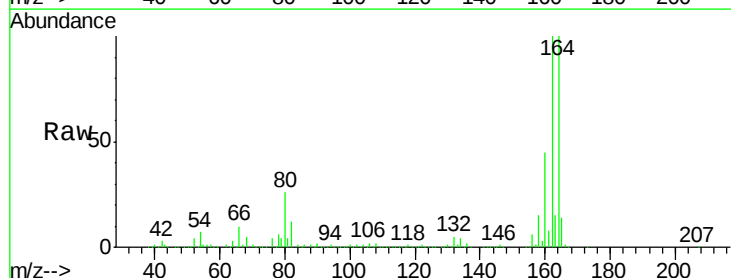
Tgt Ion: 164 Resp: 595816

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

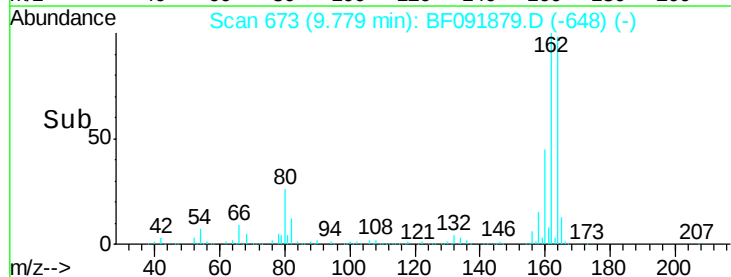
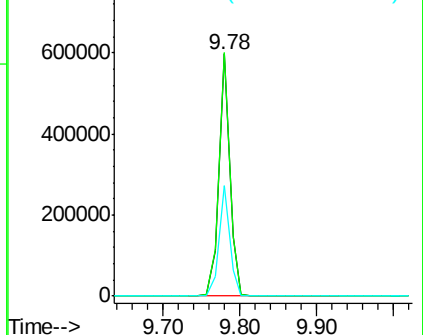
160 45.4 36.9 55.3

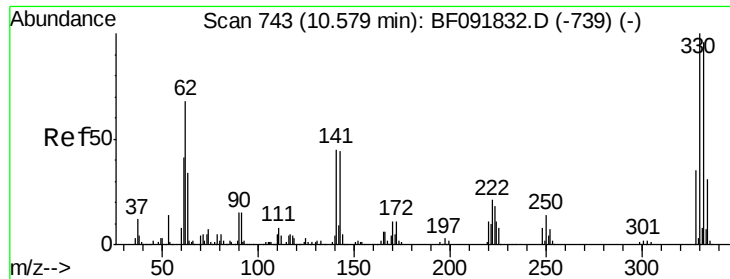


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

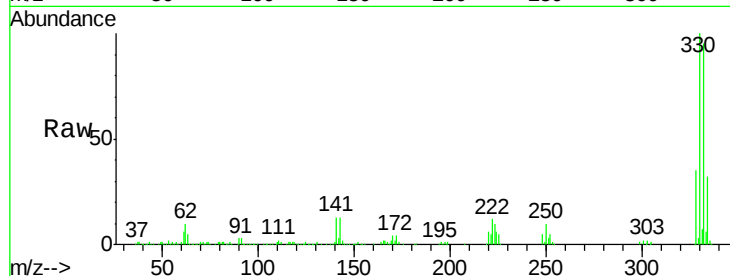




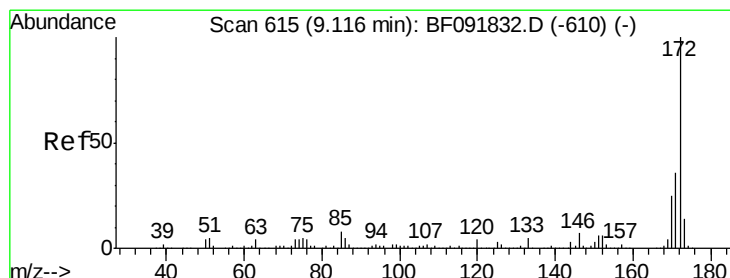
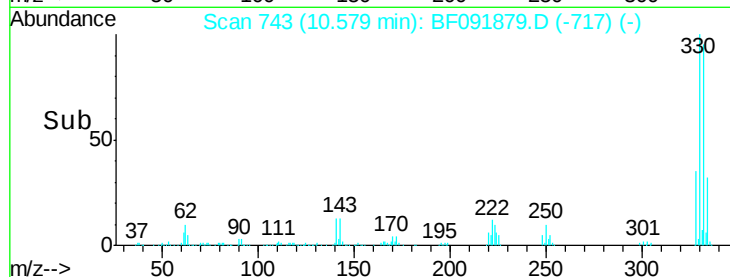
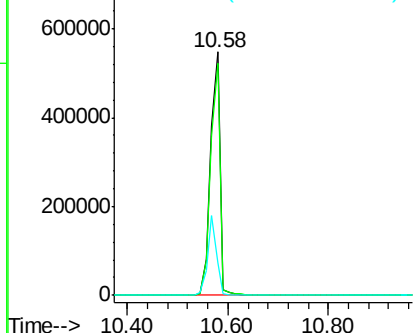
#41
 2,4,6-Tribromophenol
 Concen: 146.55 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091879.D
 Acq: 22 Dec 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 722616
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 31.1 34.1 51.1#

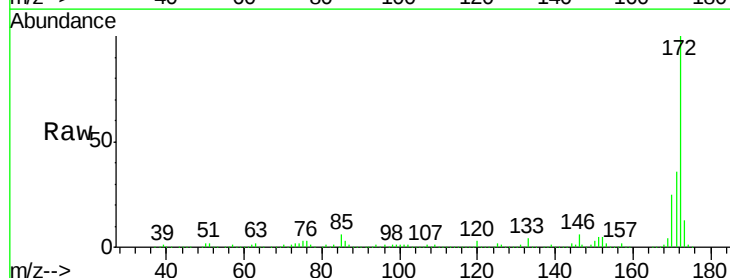


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

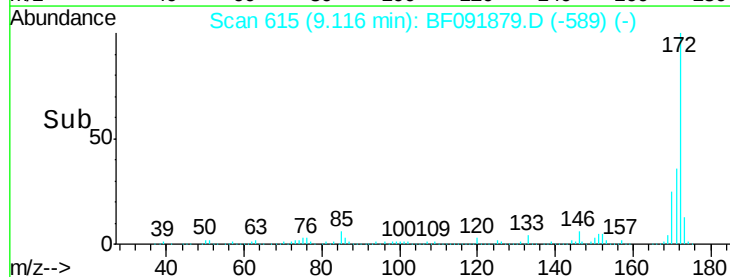
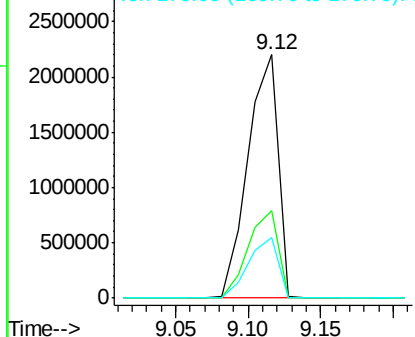


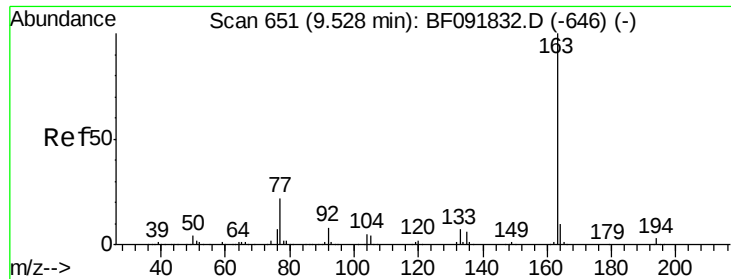
#44
 2-Fluorobiphenyl
 Concen: 113.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091879.D
 Acq: 22 Dec 2016 12:07

Tgt Ion:172 Resp: 3184268
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



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

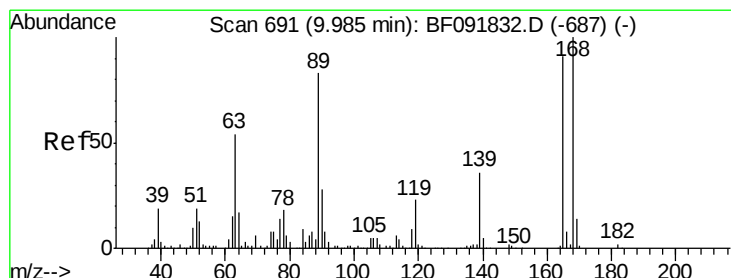
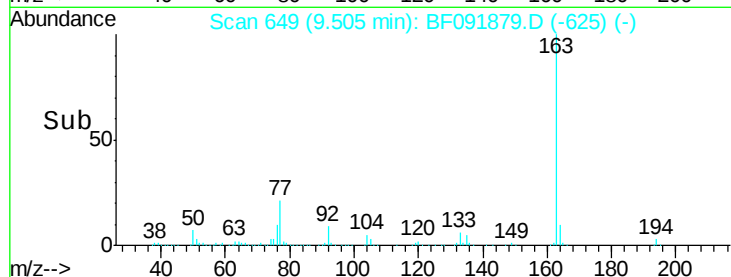
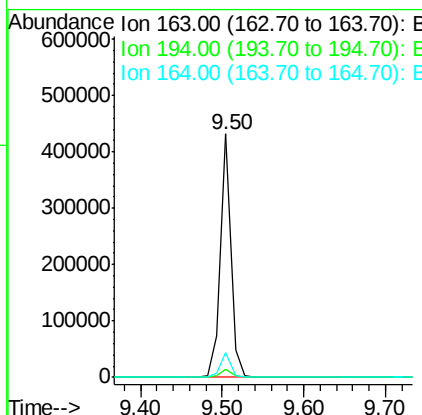
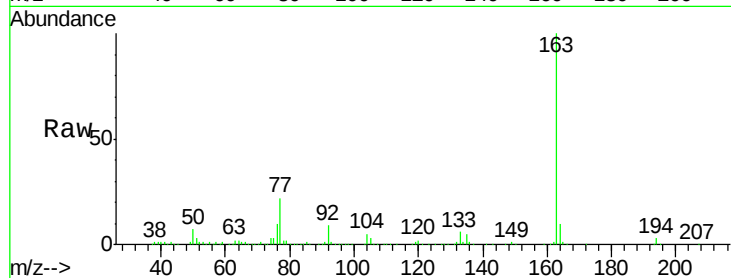




#49
Dimethylphthalate
Concen: 10.17 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

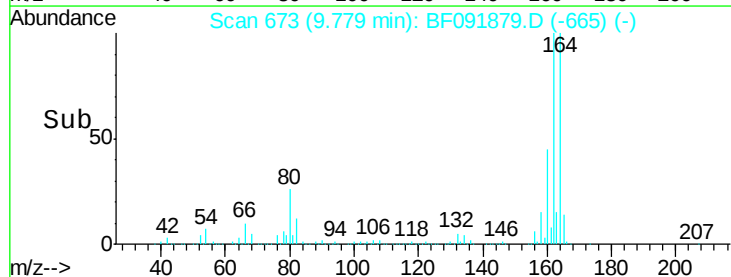
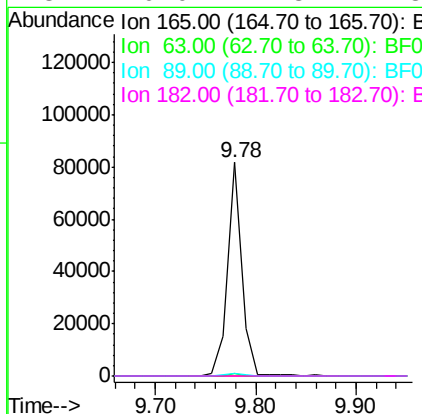
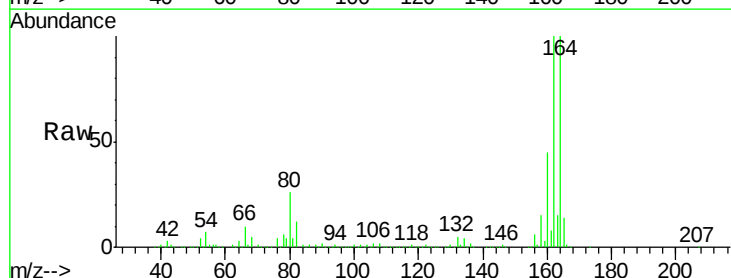
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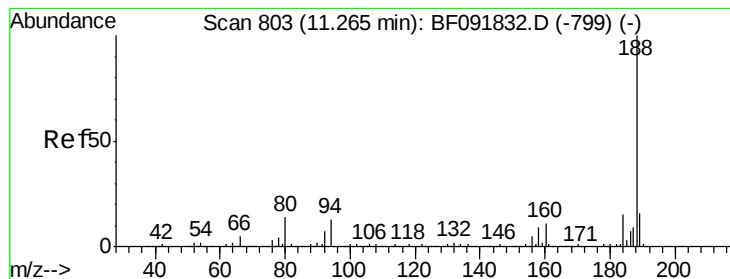
Tgt Ion:163 Resp: 387400
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.2 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.70 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

Tgt Ion:165 Resp: 80629
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

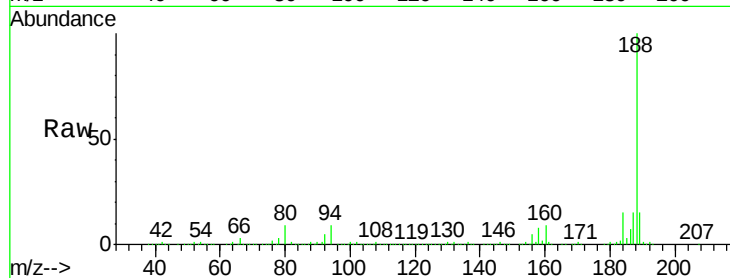
Tgt Ion:188 Resp: 989015

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

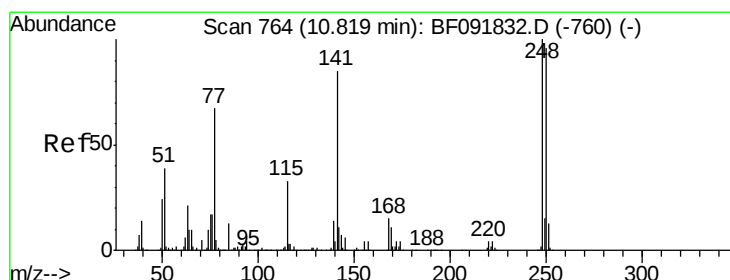
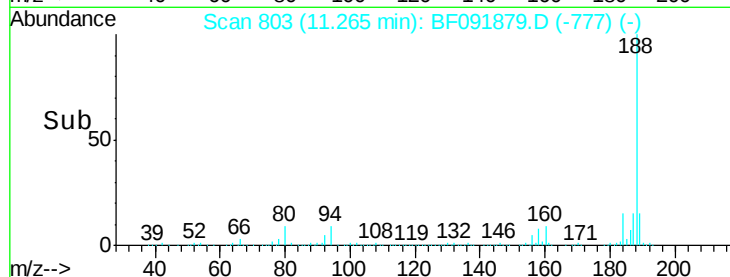
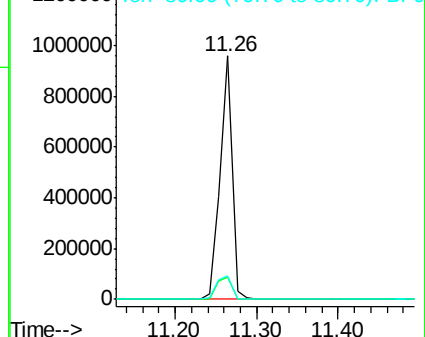
80 9.5 11.2 16.8#



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: 4.13 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.24 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

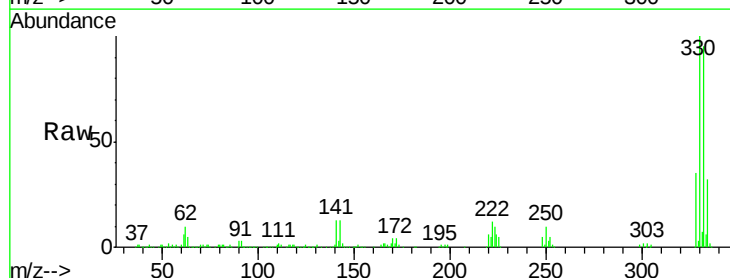
Tgt Ion:248 Resp: 42440

Ion Ratio Lower Upper

248 100

250 196.9 76.9 115.3#

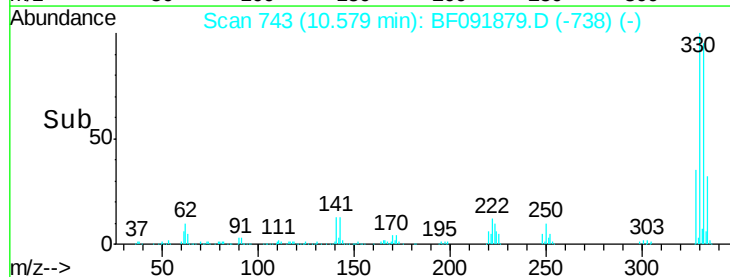
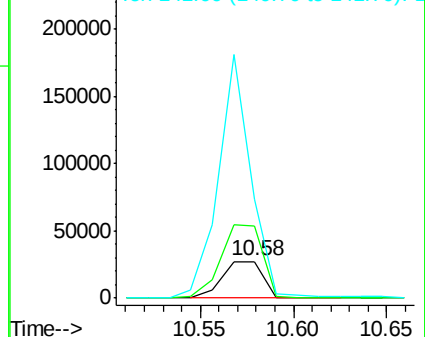
141 270.9 68.2 102.4#

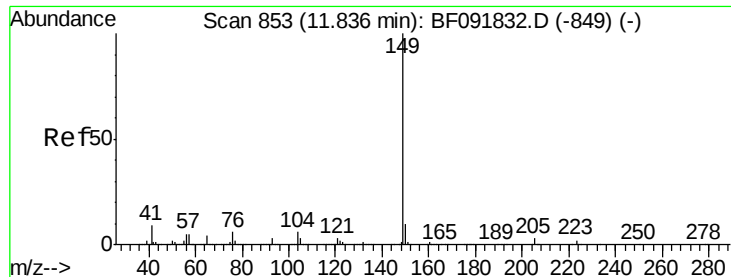


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

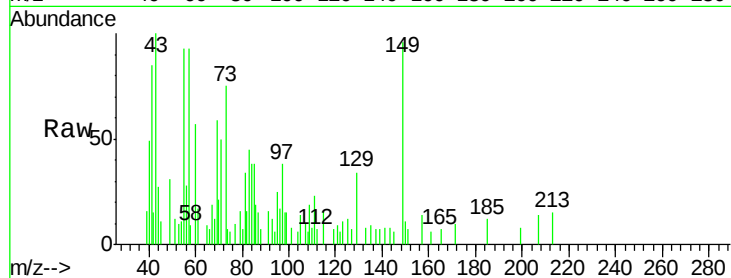
Tgt Ion:149 Resp: 9370

Ion Ratio Lower Upper

149 100

150 11.3 8.1 12.1

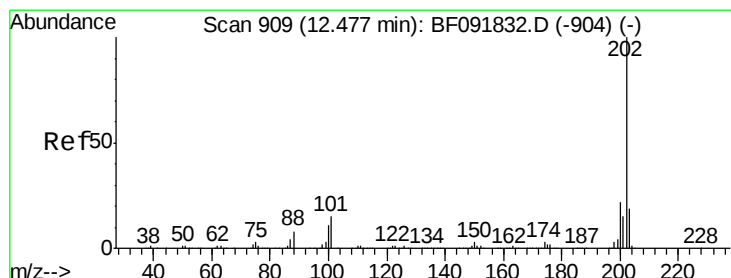
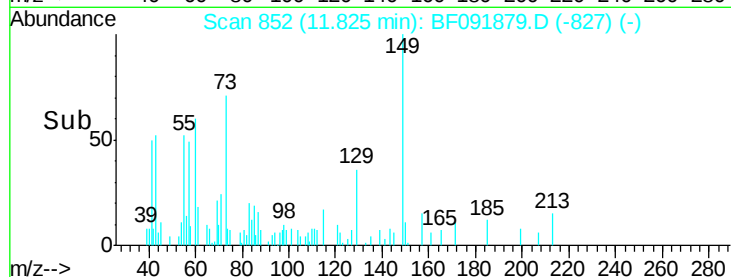
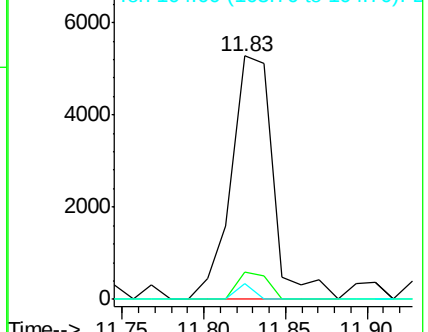
104 6.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

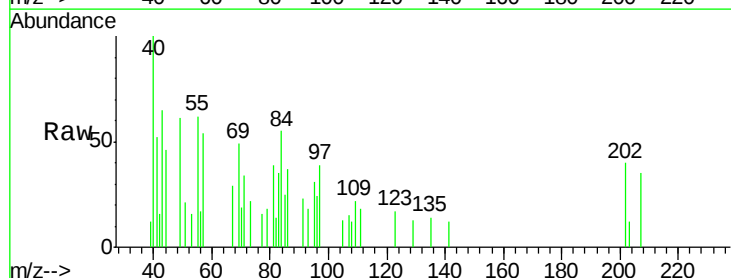
Tgt Ion:202 Resp: 1106

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

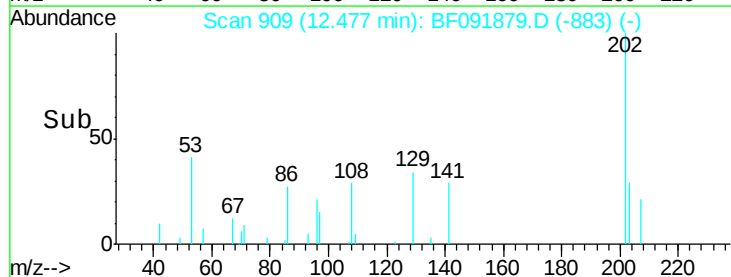
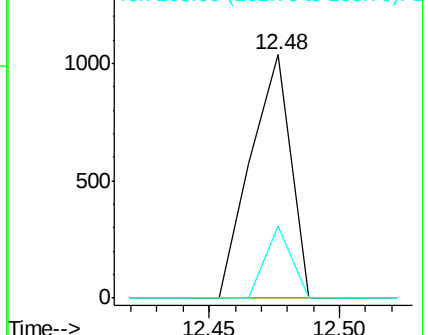
203 29.5 0.0 38.7

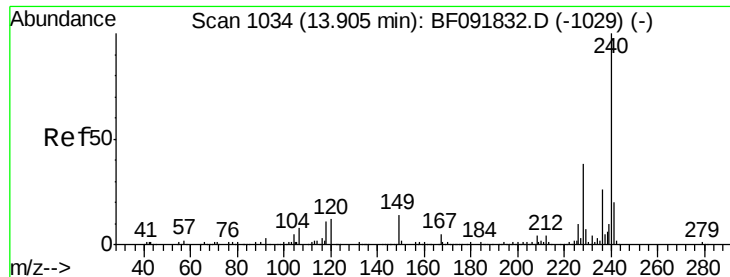


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

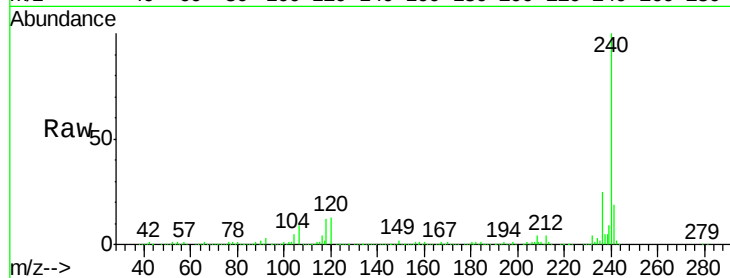
Tgt Ion:240 Resp: 756674

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

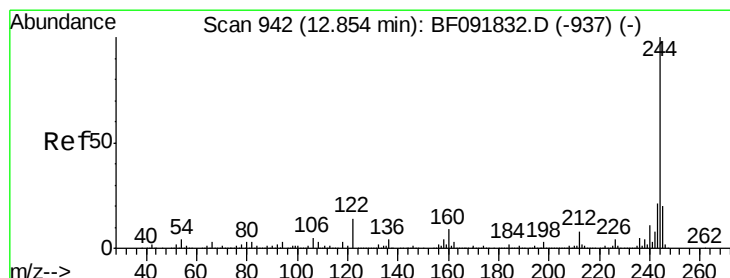
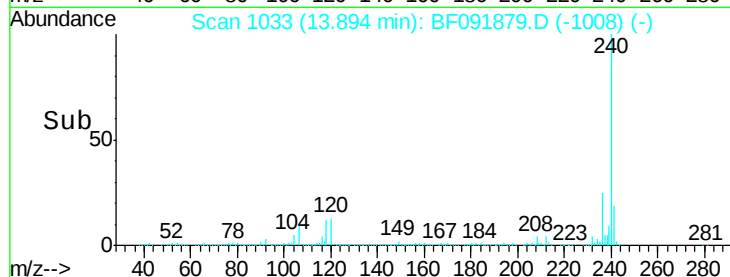
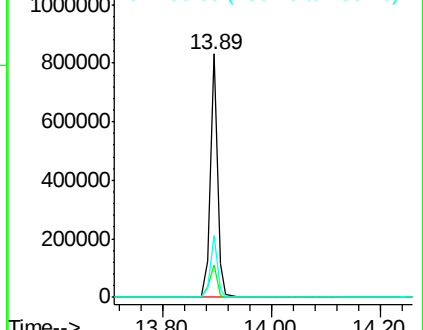
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 76.39 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

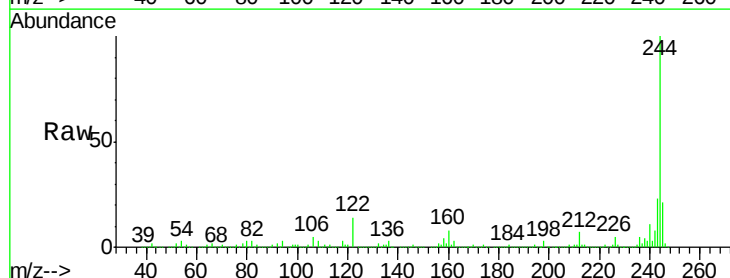
Tgt Ion:244 Resp: 2383398

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

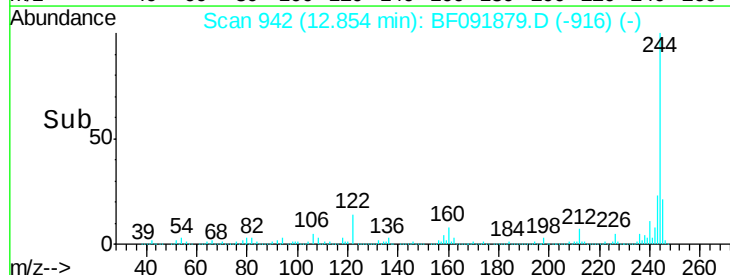
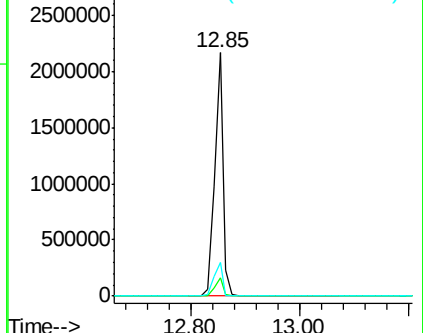
122 13.8 11.4 17.2

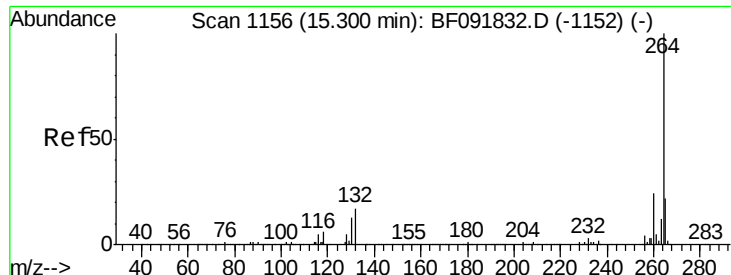


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

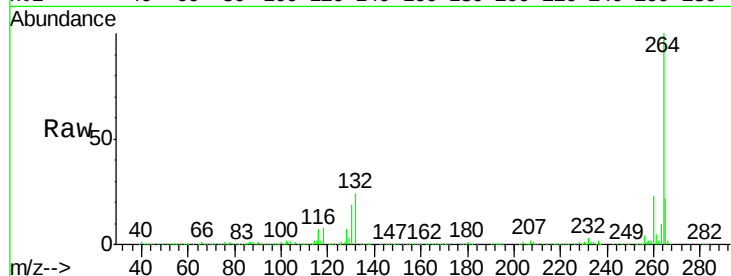




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.4	26.0



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

