

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091878.D
 Acq On : 22 Dec 2016 11:39
 Operator : UM/SJ
 Sample : H6156-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 23 00:32:43 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

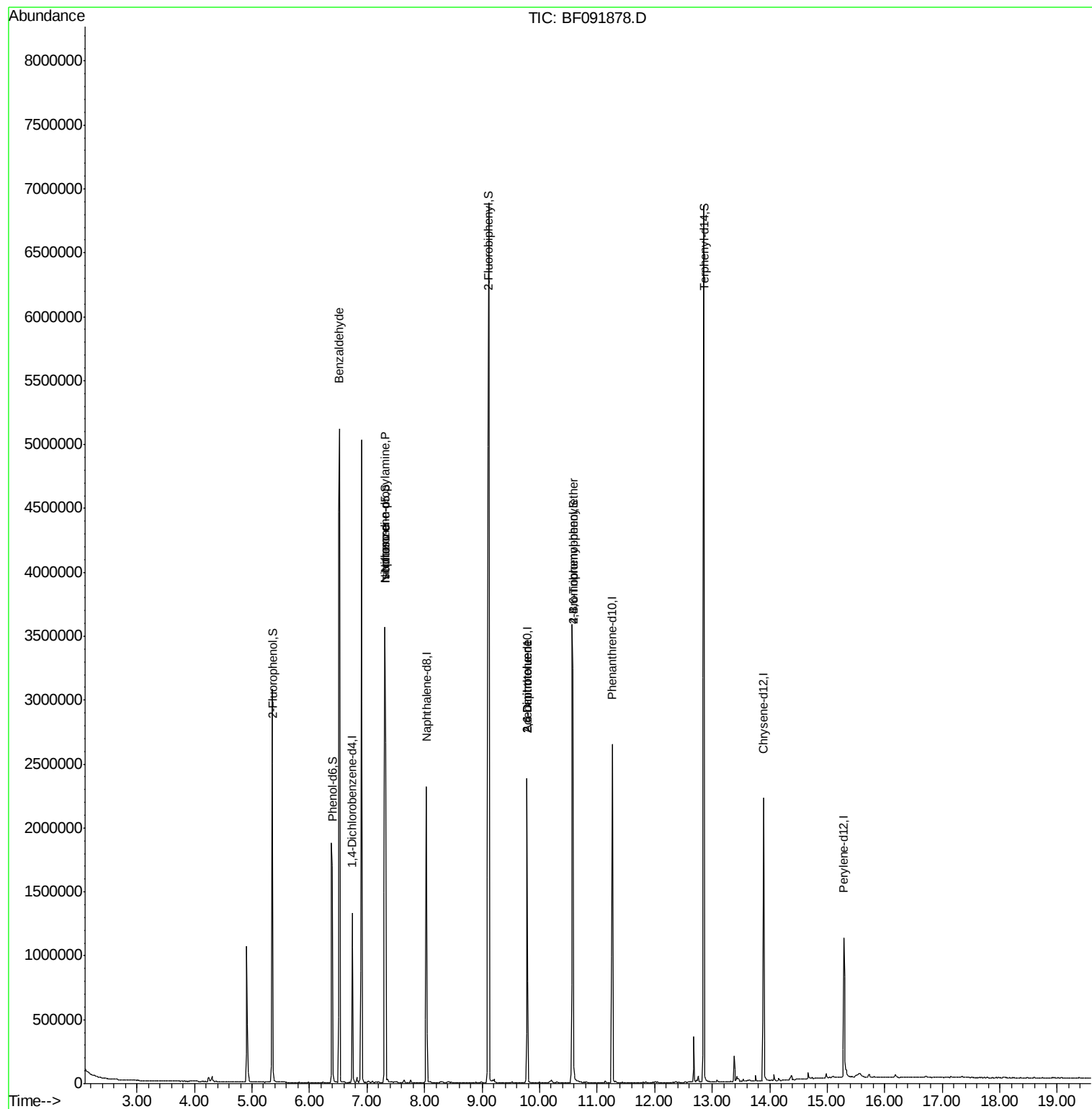
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	283943	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1114834	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	588202	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1047004	20.00	ng	0.00
75) Chrysene-d12	13.89	240	757140	20.00	ng	-0.01
86) Perylene-d12	15.29	264	578267	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1215882	71.50	ng	0.01
7) Phenol-d6	6.40	99	982174	47.31	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1928879	96.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	710426	145.94	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3172468	115.07	ng	0.00
78) Terphenyl-d14	12.85	244	2389119	76.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	45914	2.73	ng	# 81
19) n-Nitroso-di-n-propylamine	7.31	70	251488	18.21	ng	# 77
25) Isophorone	7.31	82	1539494	41.62	ng	# 65
37) 2-Methylnaphthalene	8.75	142	548	Below Cal	#	78
50) 2,6-Dinitrotoluene	9.78	165	78537	9.54	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	78540	7.60	ng	# 19
66) 4-Bromophenyl-phenylether	10.58	248	44718	4.11	ng	# 1
71) Anthracene	11.26	178	824	Below Cal	#	1
73) Di-n-butylphthalate	11.84	149	2732	Below Cal	#	76
74) Fluoranthene	12.48	202	270	Below Cal	#	61
76) Benzydine	12.61	184	1003	Below Cal	#	65

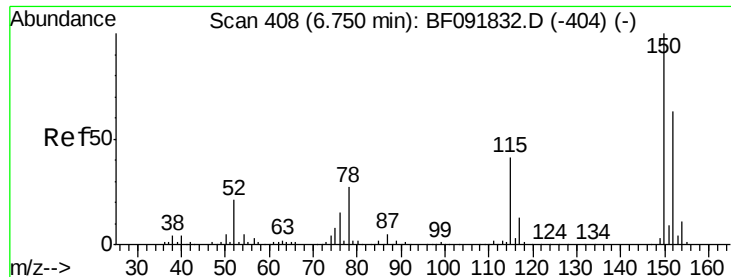
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091878.D
Acq On : 22 Dec 2016 11:39
Operator : UM/SJ
Sample : H6156-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: Dec 23 00:32:43 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

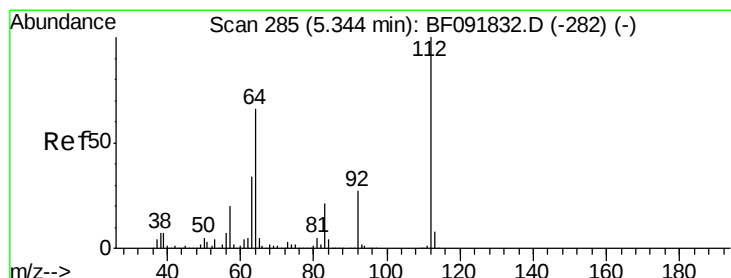
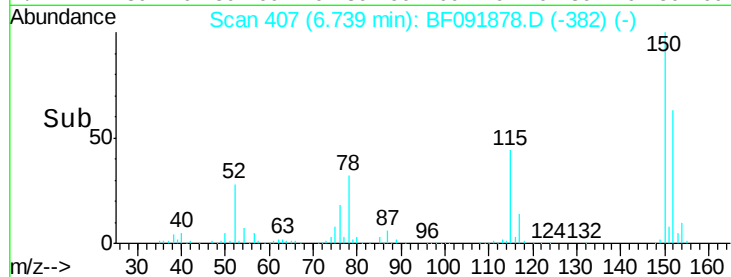
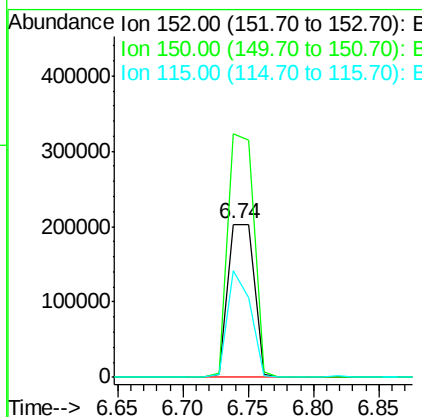
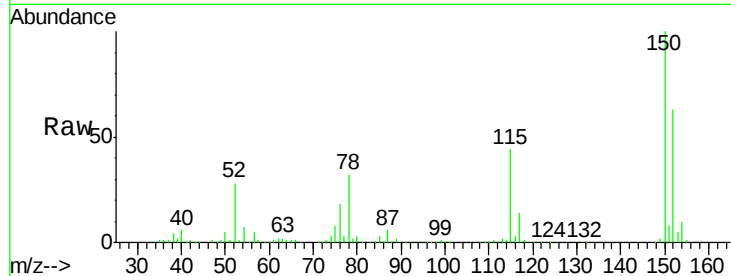




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

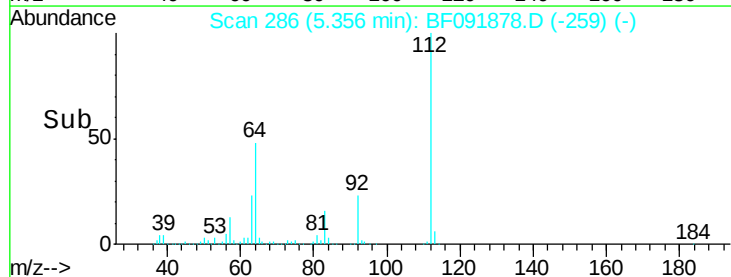
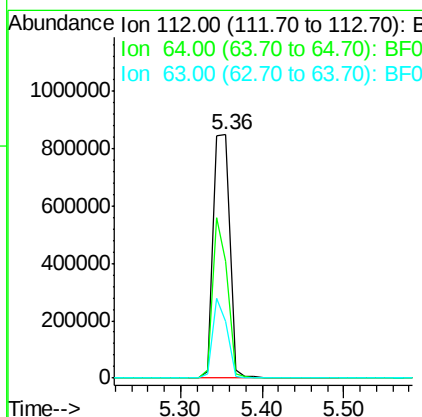
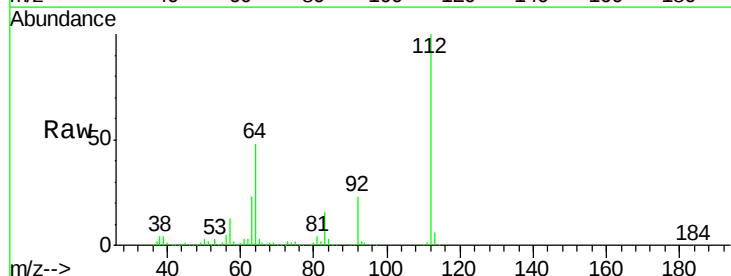
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

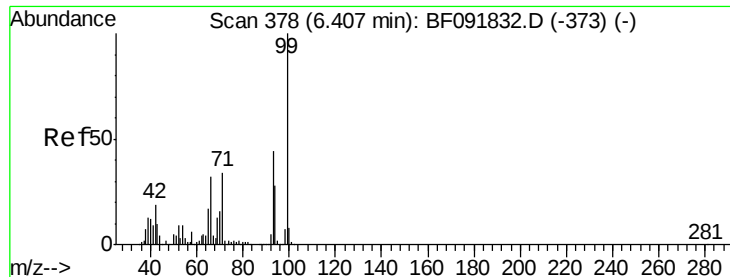
Tgt Ion:152 Resp: 283943
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.9 187.3
 115 69.5 46.0 69.0#



#5
 2-Fluorophenol
 Concen: 71.50 ng
 RT: 5.36 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Tgt Ion:112 Resp: 1215882
 Ion Ratio Lower Upper
 112 100
 64 48.1 46.1 69.1
 63 23.4 23.8 35.6#





#7

Phenol-d6

Concen: 47.31 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091878.D

Acq: 22 Dec 2016 11:39

Instrument :

BNA_F

ClientSampleId :

MW-17

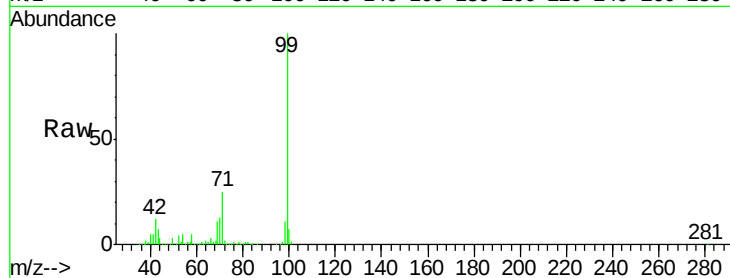
Tgt Ion: 99 Resp: 982174

Ion Ratio Lower Upper

99 100

42 12.3 15.6 23.4#

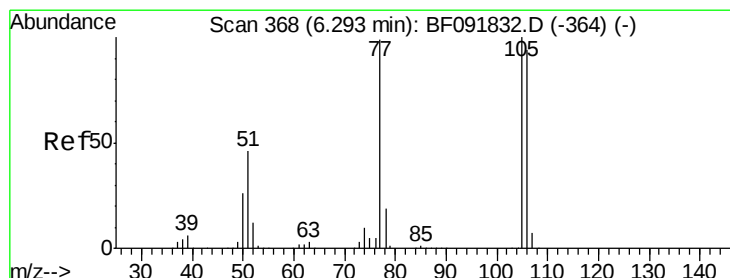
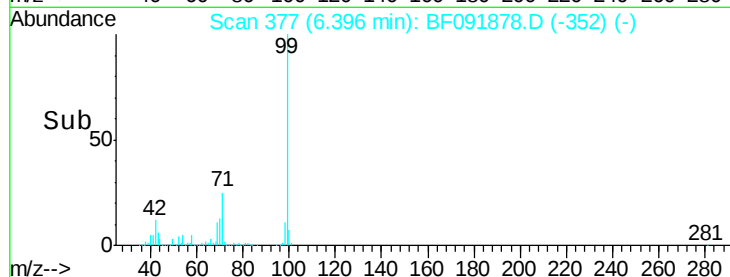
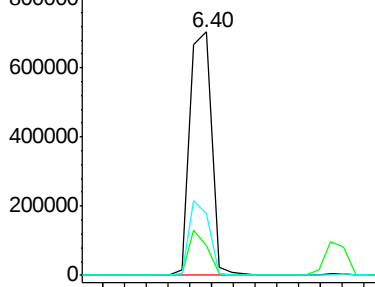
71 25.4 27.5 41.3#



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: 2.73 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.23 min

Lab File: BF091878.D

Acq: 22 Dec 2016 11:39

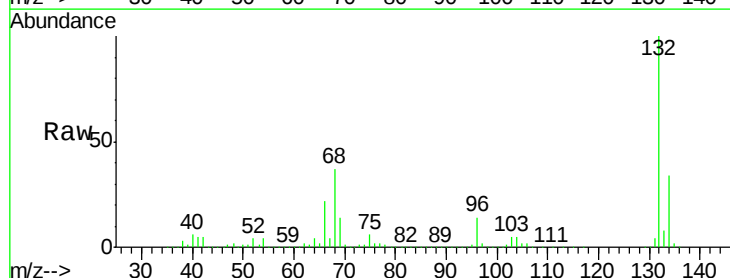
Tgt Ion: 77 Resp: 45914

Ion Ratio Lower Upper

77 100

105 87.6 83.9 123.9

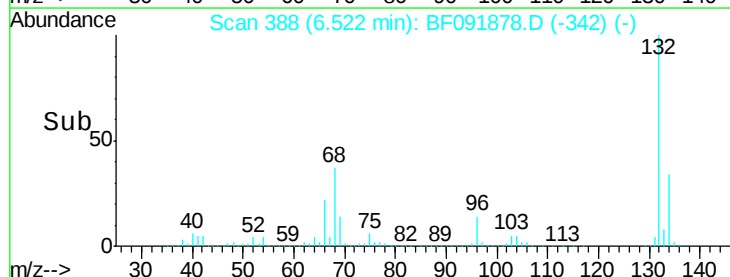
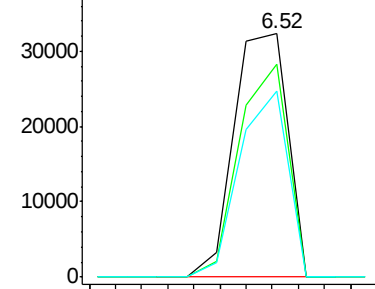
106 76.5 77.6 117.6#

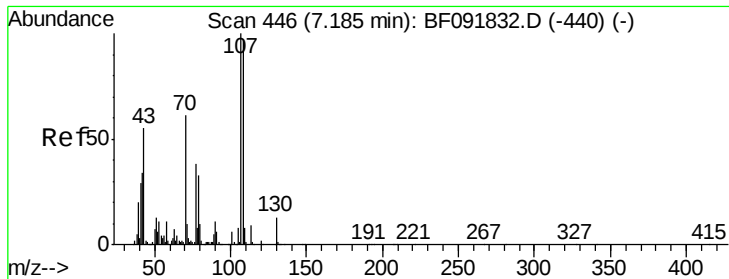


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

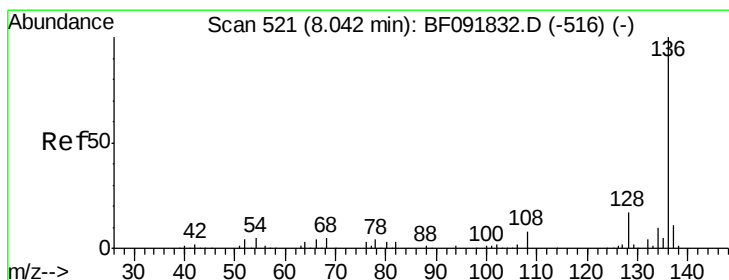
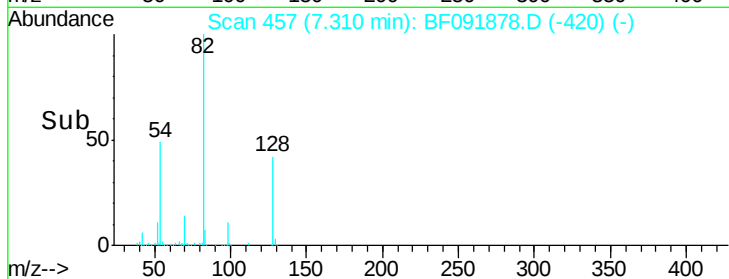
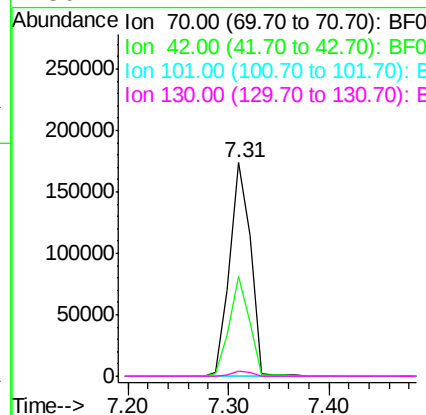
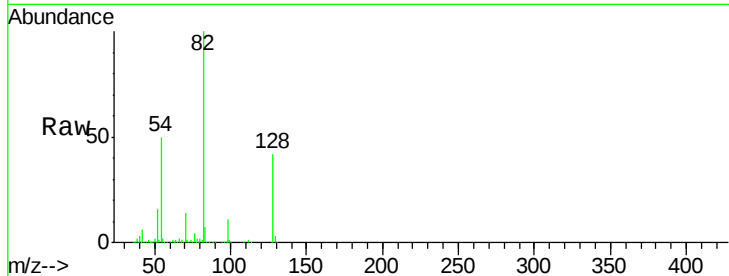




#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

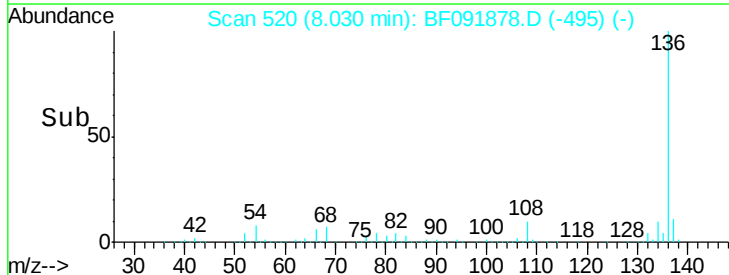
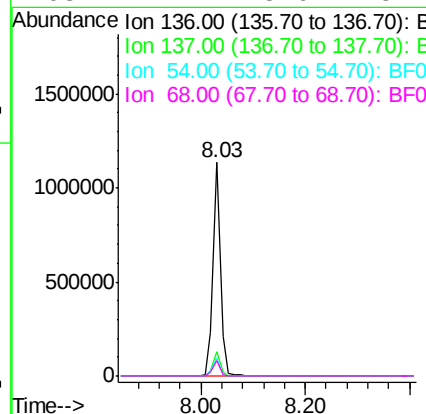
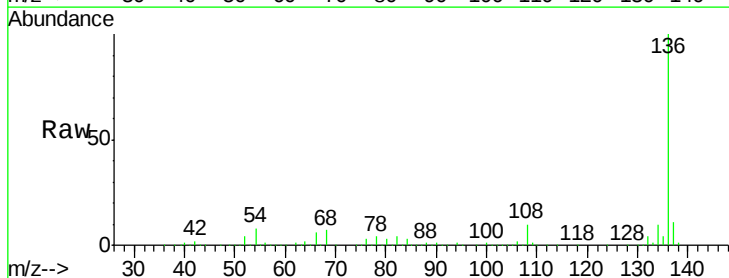
Instrument :
BNA_F
ClientSampleId :
MW-17

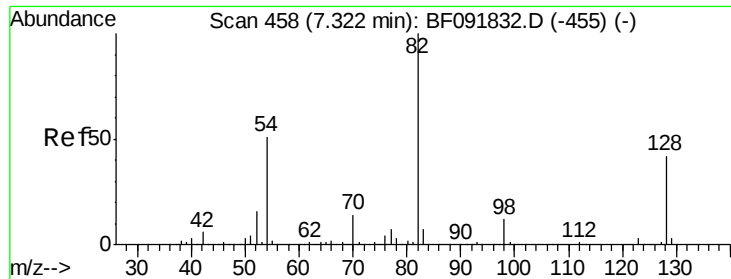
Tgt Ion: 70 Resp: 251488
Ion Ratio Lower Upper
70 100
42 46.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion: 136 Resp: 1114834
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.5 4.5 6.7#
68 7.1 3.6 5.4#

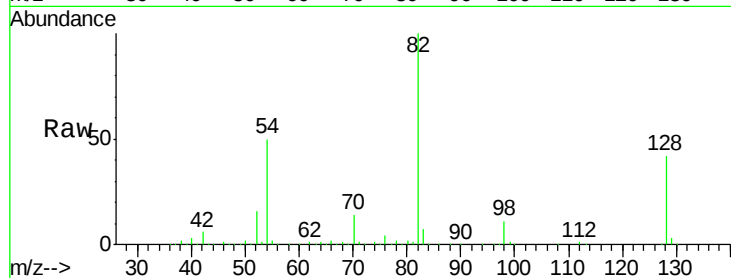




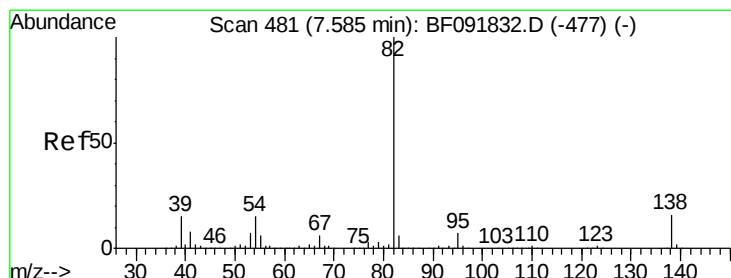
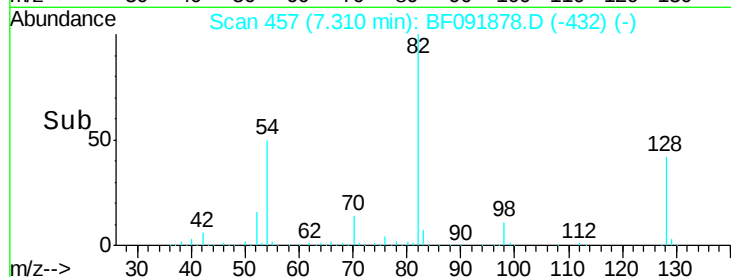
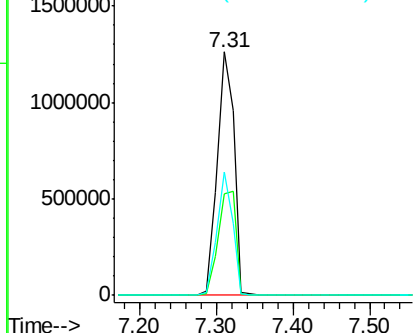
#23
 Nitrobenzene-d5
 Concen: 96.21 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion: 82 Resp: 1928879
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 50.5 39.5 59.3

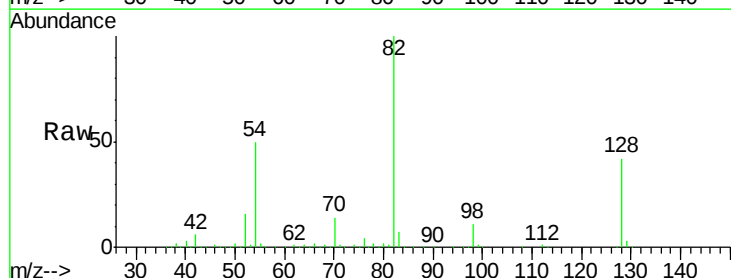


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

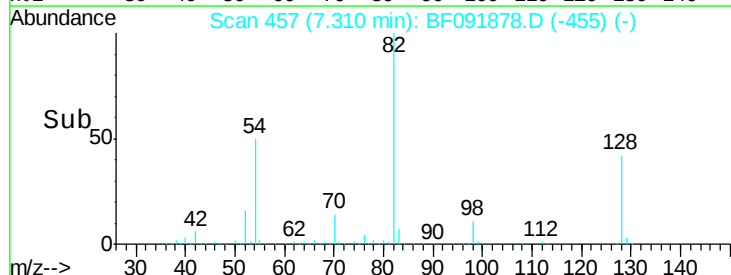
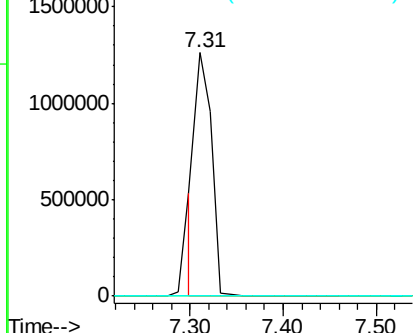


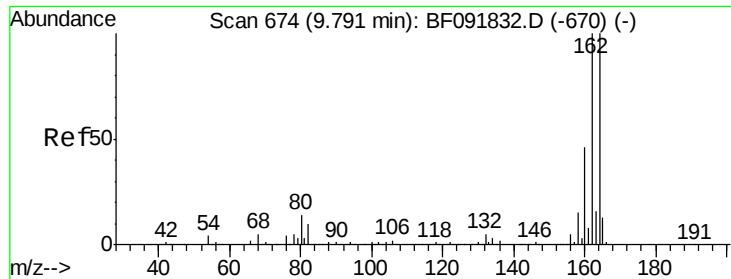
#25
 Isophorone
 Concen: 41.62 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.27 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Tgt Ion: 82 Resp: 1539494
 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

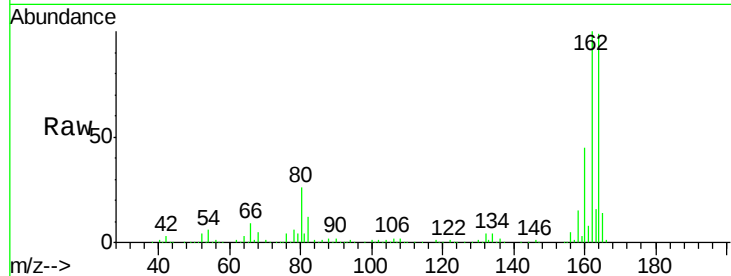




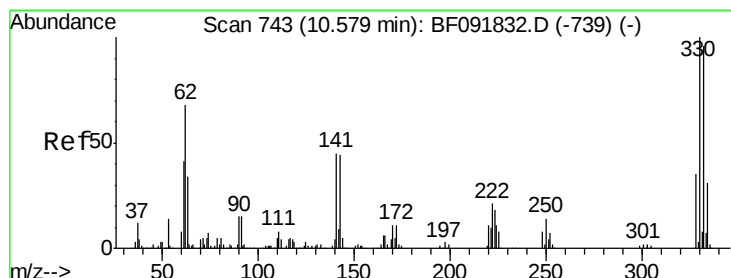
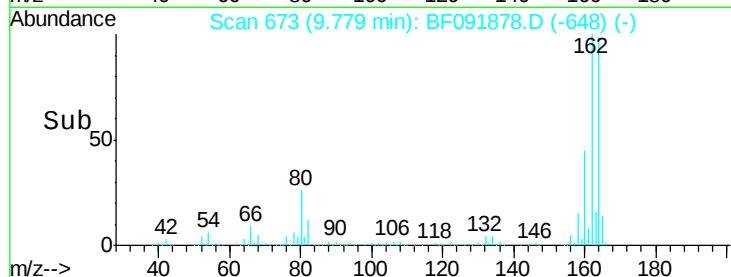
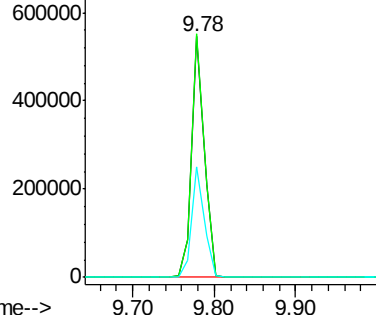
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:164 Resp: 588202
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.7 36.9 55.3

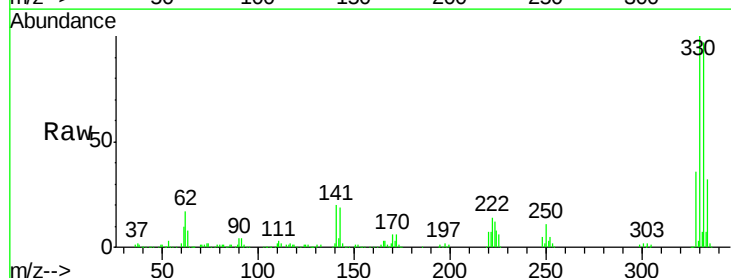


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

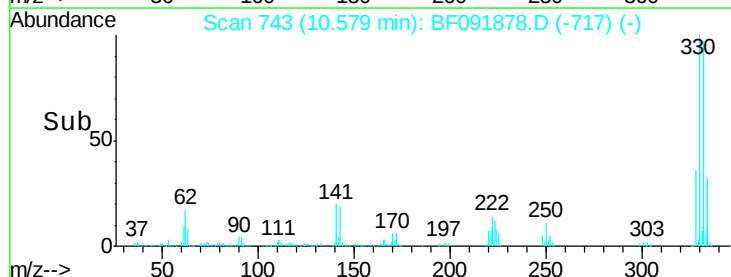
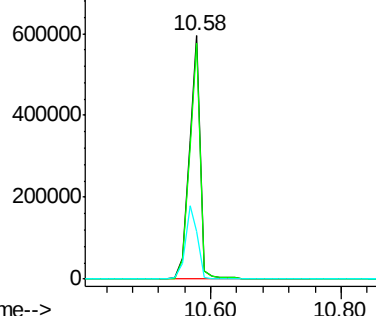


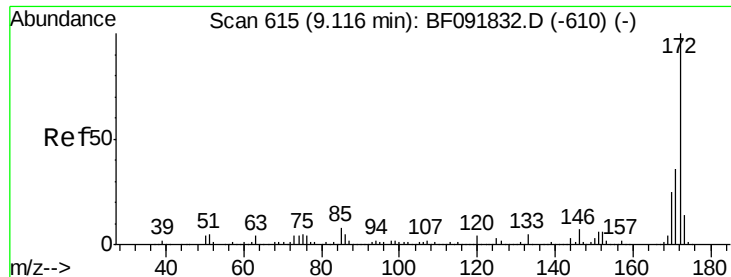
#41
2,4,6-Tribromophenol
Concen: 145.94 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:330 Resp: 710426
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 33.9 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

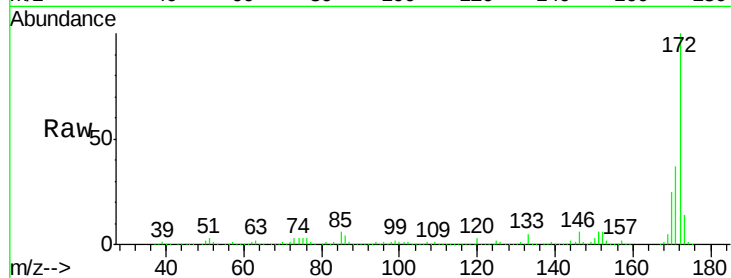




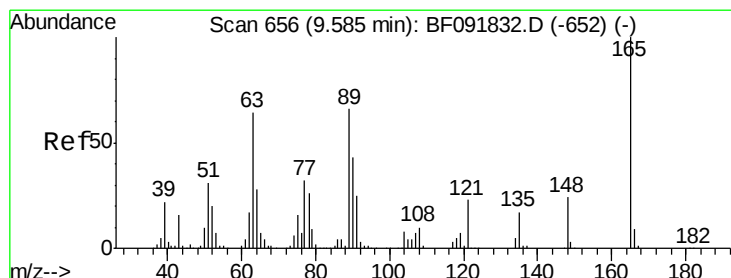
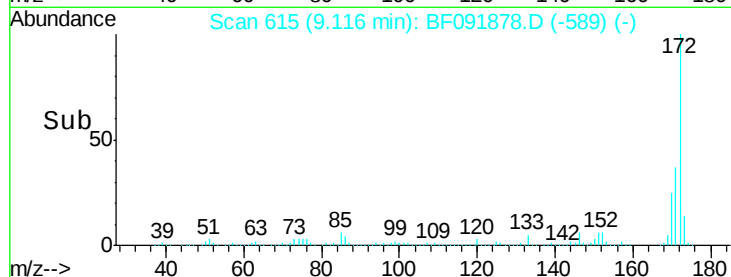
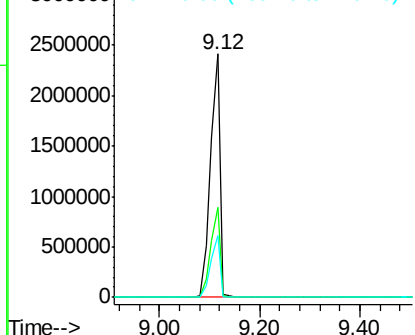
#44
 2-Fluorobiphenyl
 Concen: 115.07 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:172 Resp: 3172468
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.3 20.2 30.4

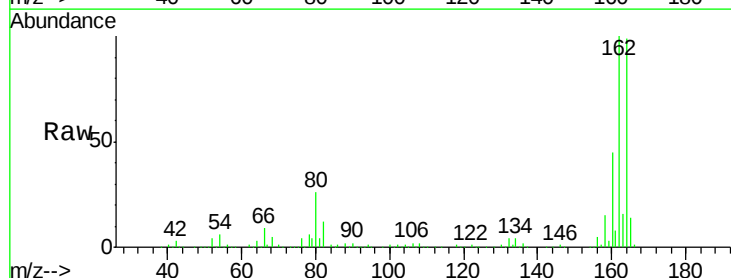


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

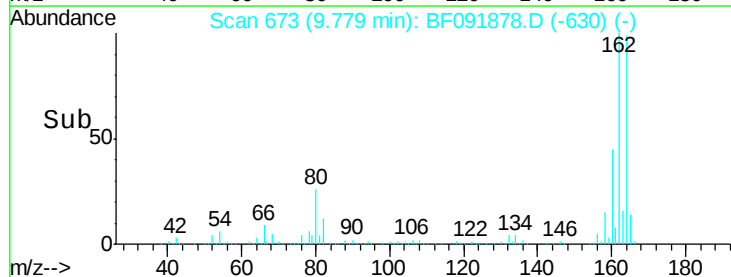
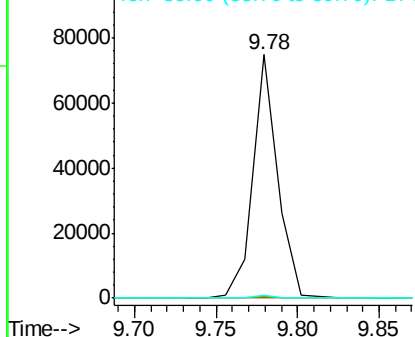


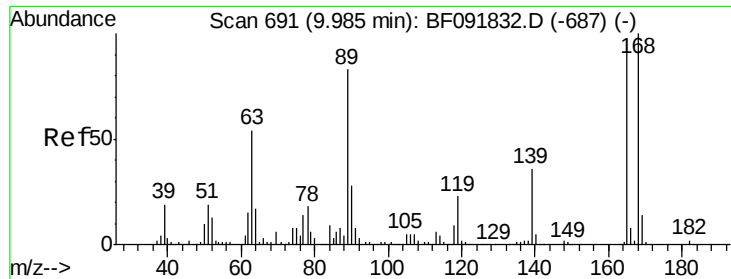
#50
 2,6-Dinitrotoluene
 Concen: 9.54 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Tgt Ion:165 Resp: 78537
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.0 40.2 60.4#



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

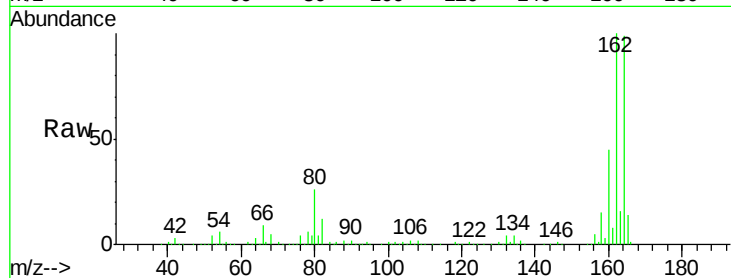




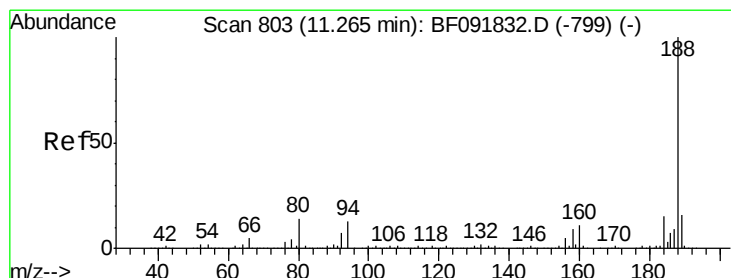
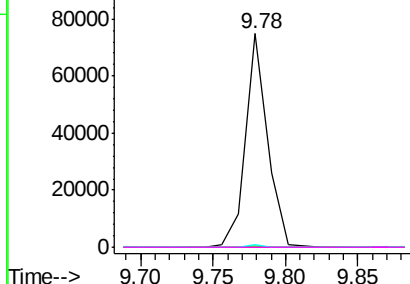
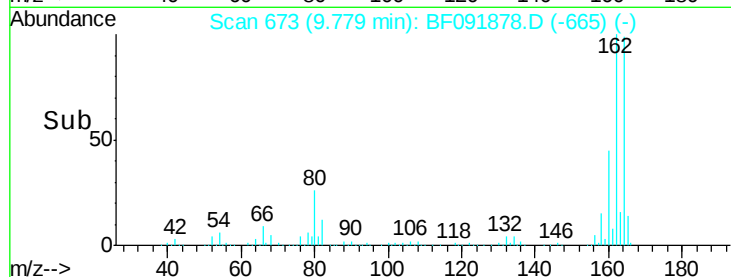
#56
 2,4-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:165 Resp: 78540
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

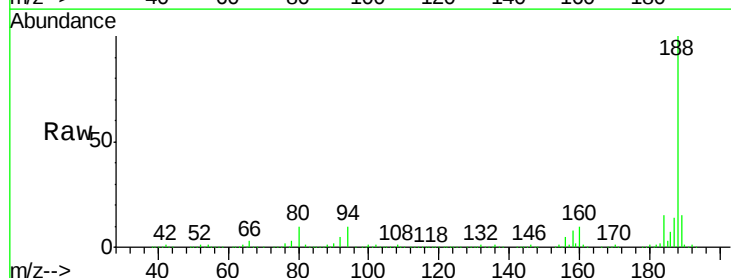


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

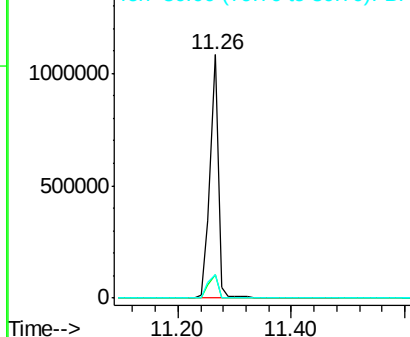
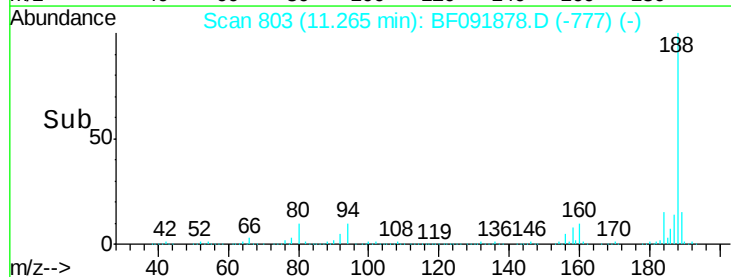


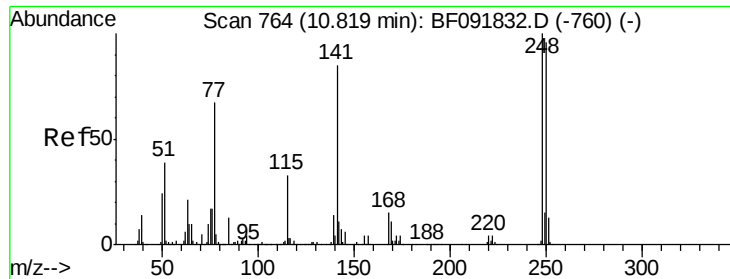
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Tgt Ion:188 Resp: 1047004
 Ion Ratio Lower Upper
 188 100
 94 9.7 10.0 15.0#
 80 9.8 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

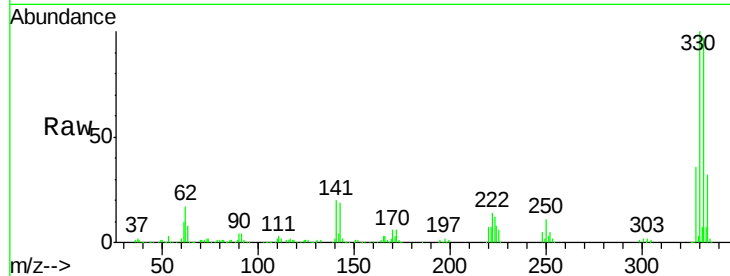




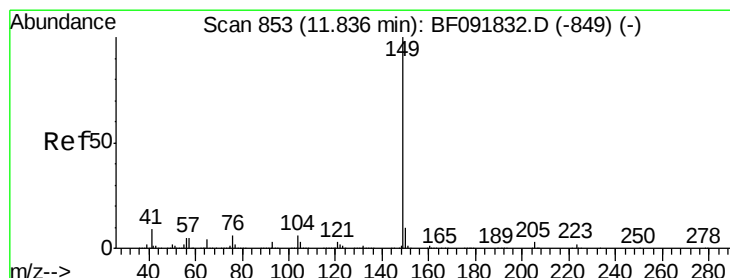
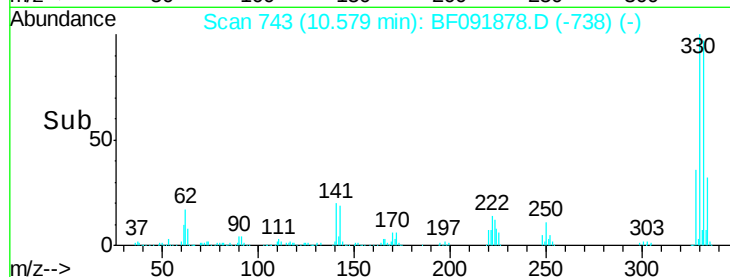
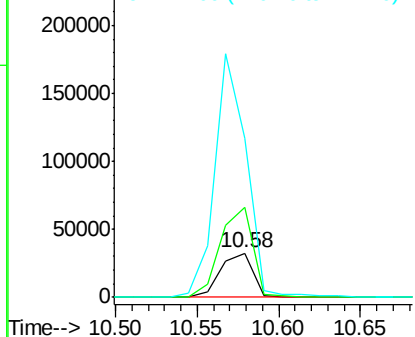
#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.24 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:248 Resp: 44718
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 358.1 68.2 102.4#

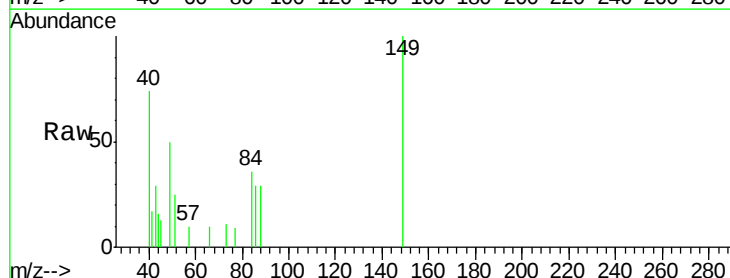


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

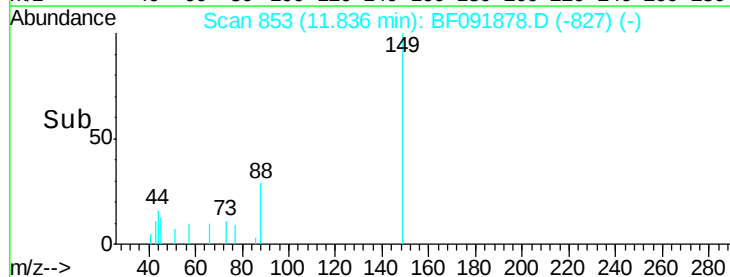
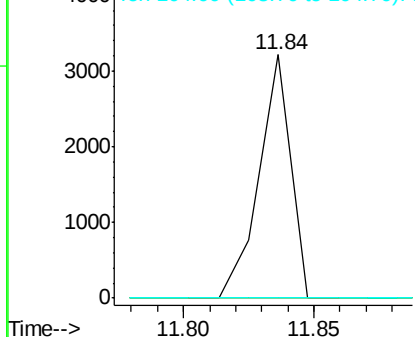


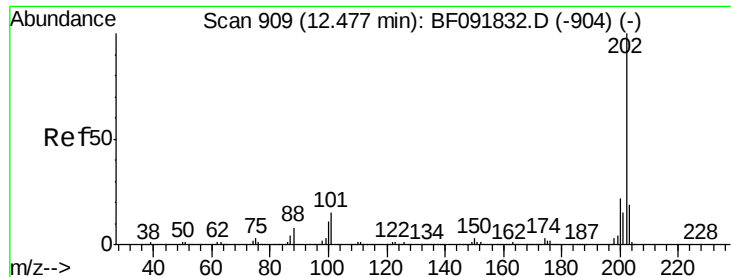
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF091878.D
 Acq: 22 Dec 2016 11:39

Tgt Ion:149 Resp: 2732
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 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

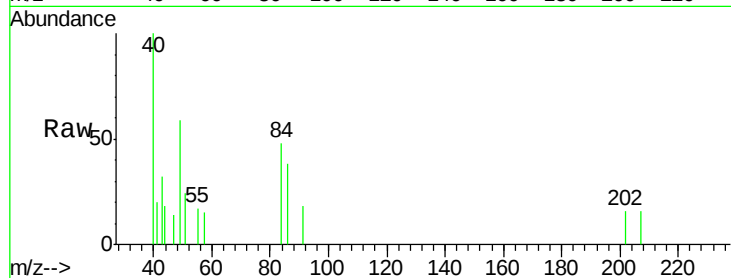




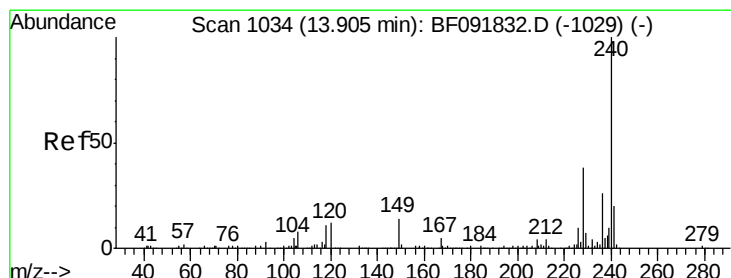
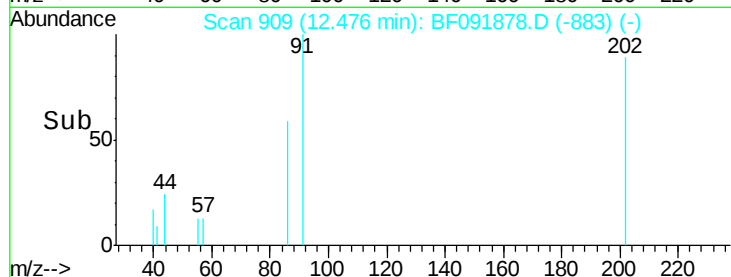
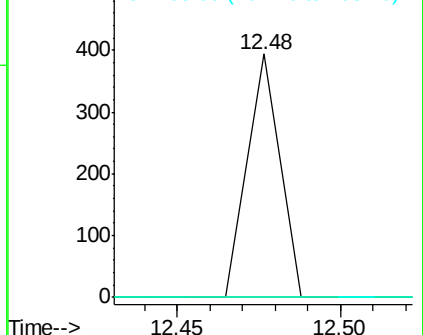
#74
Fluoranthene
Concen: Below Cal
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 202 Resp: 270
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7

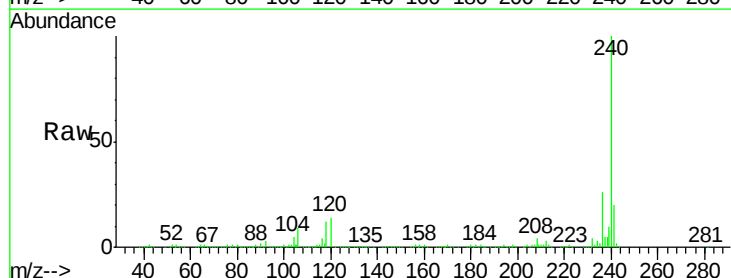


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

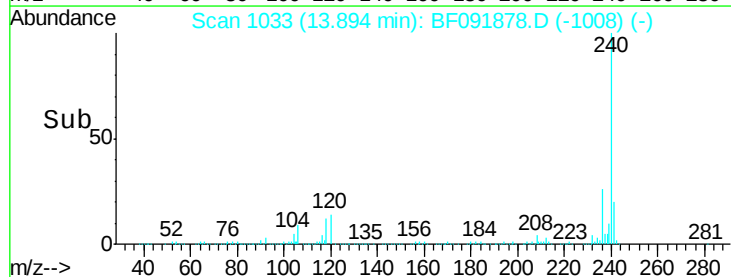
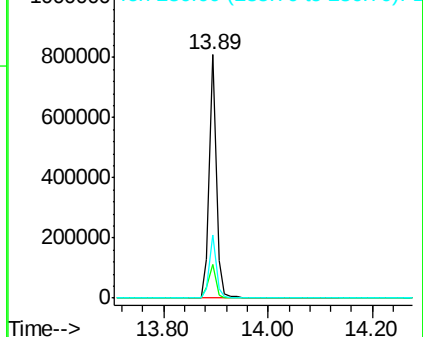


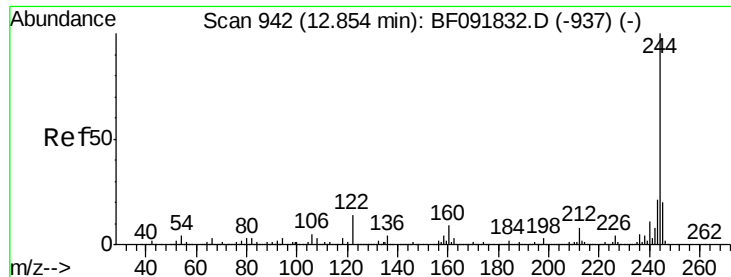
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion: 240 Resp: 757140
Ion Ratio Lower Upper
240 100
120 13.9 12.9 19.3
236 25.7 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: 76.53 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091878.D

Acq: 22 Dec 2016 11:39

Instrument :

BNA_F

ClientSampleId :

MW-17

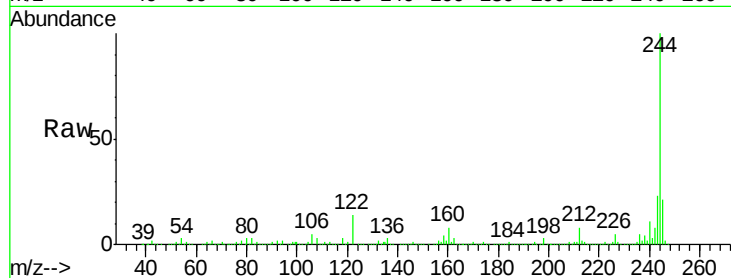
Tgt Ion:244 Resp: 2389119

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

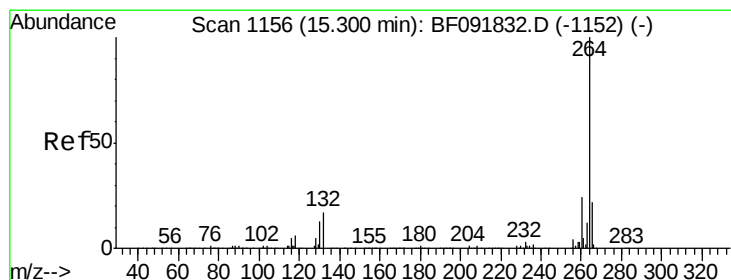
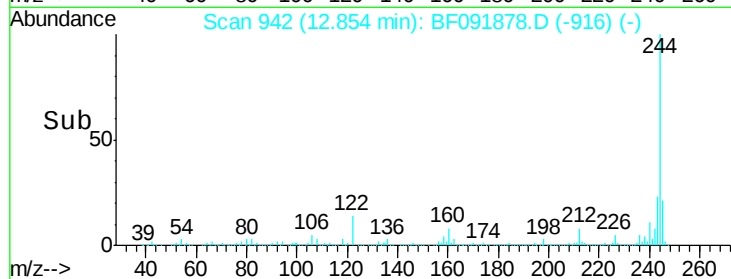
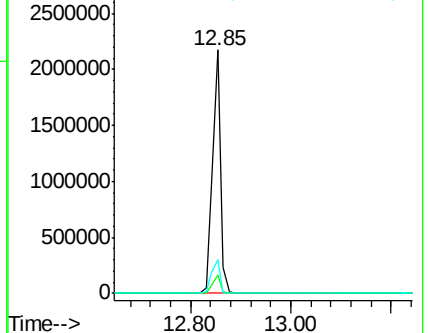
122 13.6 11.4 17.2



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: BF091878.D

Acq: 22 Dec 2016 11:39

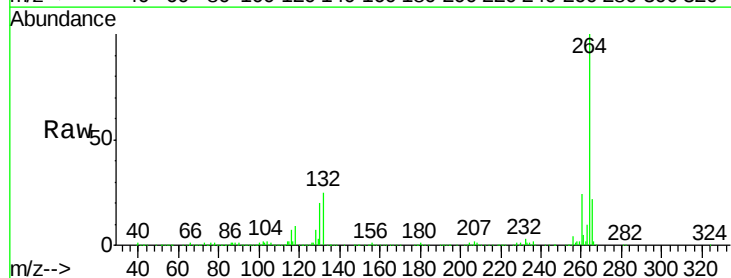
Tgt Ion:264 Resp: 578267

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 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

