

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091215.D
 Acq On : 17 Nov 2016 16:35
 Operator : UM/SJ
 Sample : H5686-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 18 03:05:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

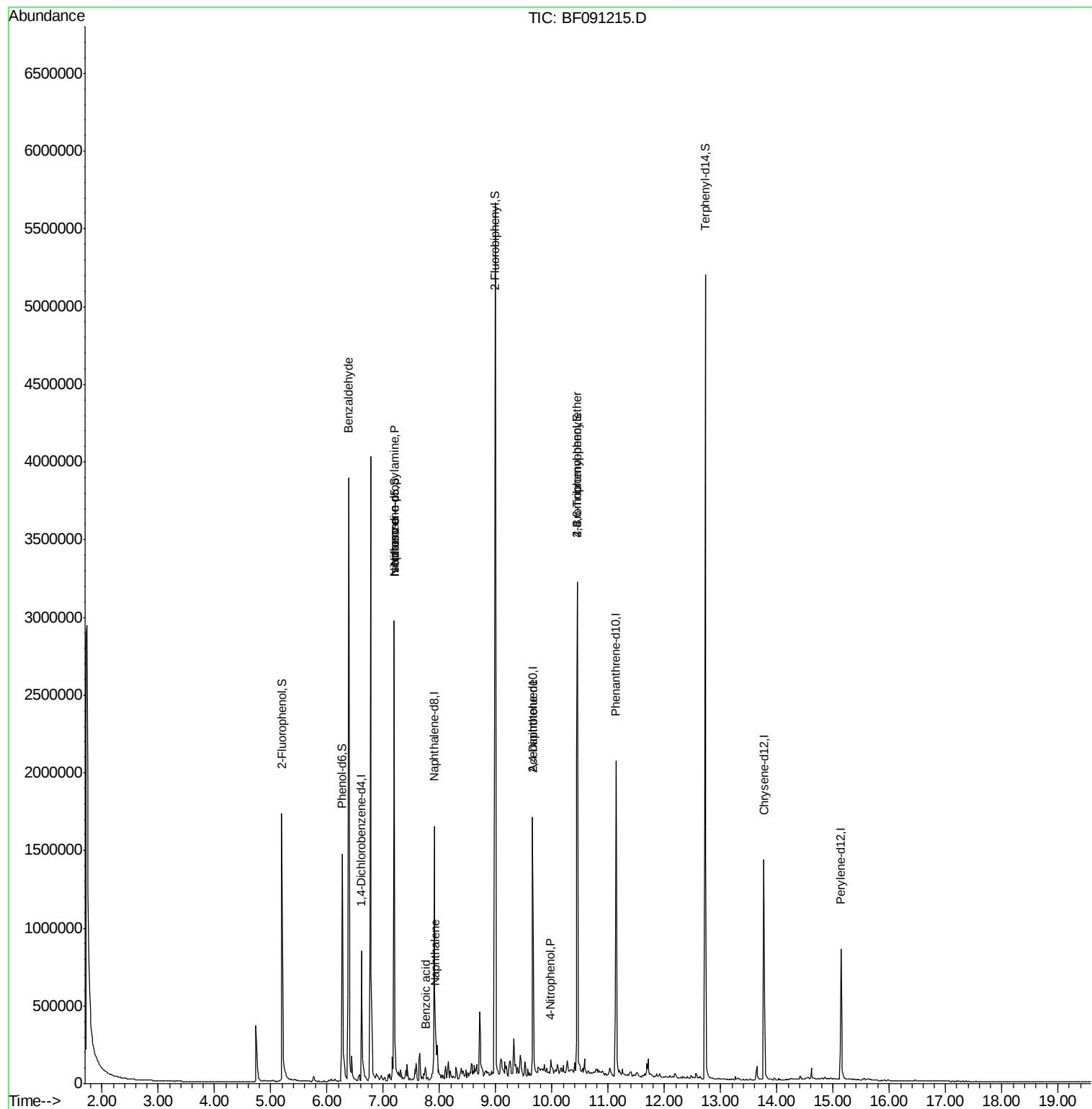
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	186763	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	788594	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	411122	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	725858	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	505466	20.00	ng	-0.05
86) Perylene-d12	15.14	264	346573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	709350	62.73	ng	-0.05
7) Phenol-d6	6.27	99	607178	39.56	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1326037	91.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	533738	143.60	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1961594	82.14	ng	-0.05
78) Terphenyl-d14	12.73	244	1903076	93.95	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	25851	3.03	ng	84
19) n-Nitroso-di-n-propylamine	7.20	70	180476	16.97	ng	# 74
25) Isophorone	7.20	82	1289734	46.30	ng	# 67
31) Naphthalene	7.93	128	106888	2.83	ng	# 94
32) Benzoic acid	7.76	122	251	5.10	ng	# 1
55) 4-Nitrophenol	9.97	139	1970	6.13	ng	92
56) 2,4-Dinitrotoluene	9.65	165	57308	7.80	ng	# 28
66) 4-Bromophenyl-phenylether	10.45	248	36863	4.88	ng	# 1

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

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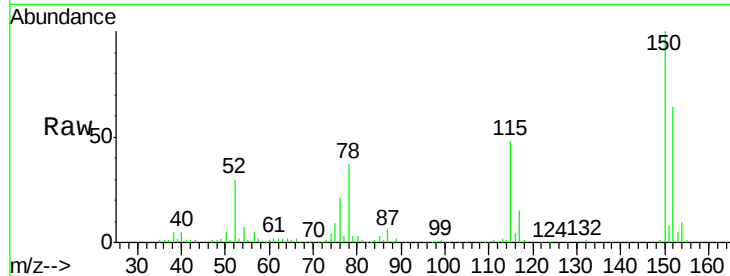


#1

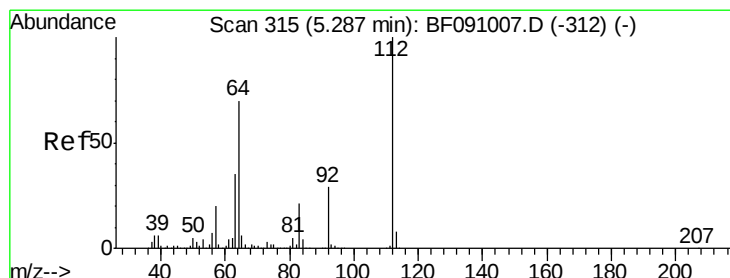
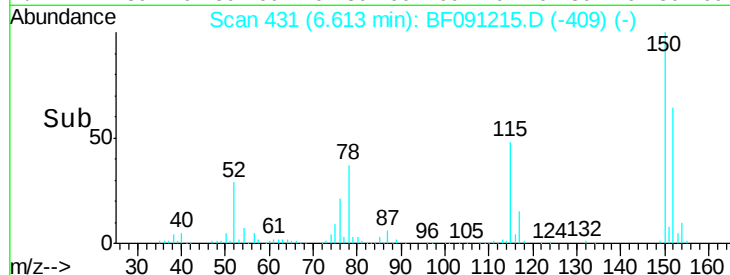
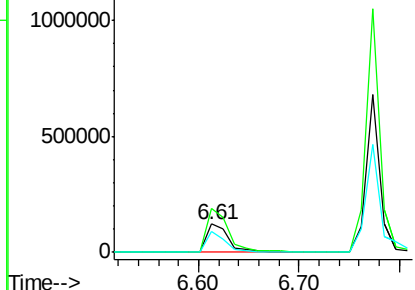
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 186763
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.8 190.2
 115 74.4 53.3 79.9



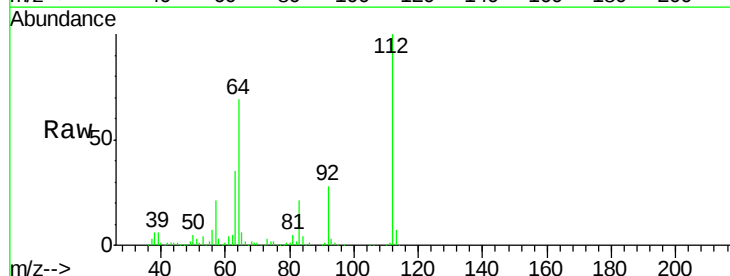
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



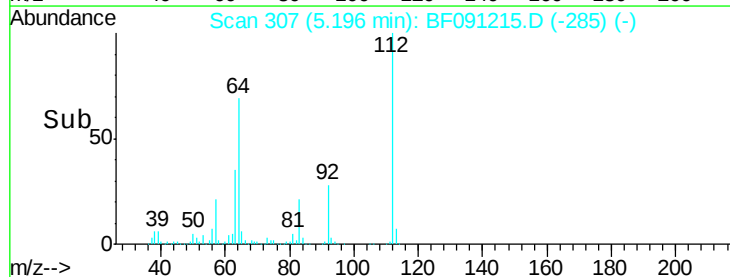
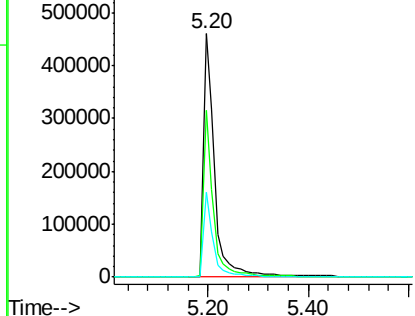
#5

2-Fluorophenol
 Concen: 62.73 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Tgt Ion:112 Resp: 709350
 Ion Ratio Lower Upper
 112 100
 64 68.8 55.8 83.6
 63 34.8 28.0 42.0



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: 39.56 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

Instrument :

BNA_F

ClientSampleId :

MW-4

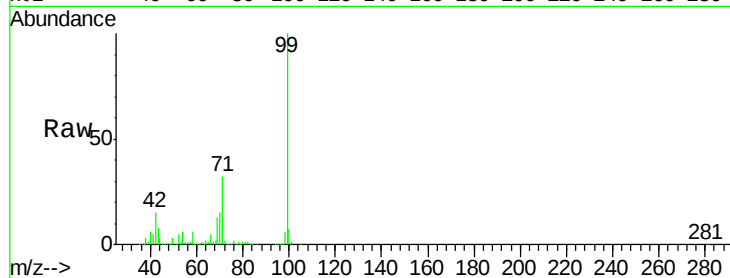
Tgt Ion: 99 Resp: 607178

Ion Ratio Lower Upper

99 100

42 14.8 13.9 20.9

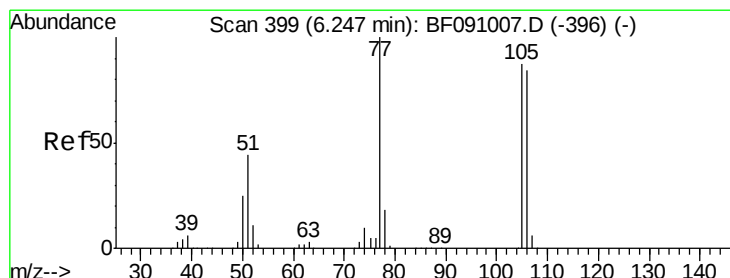
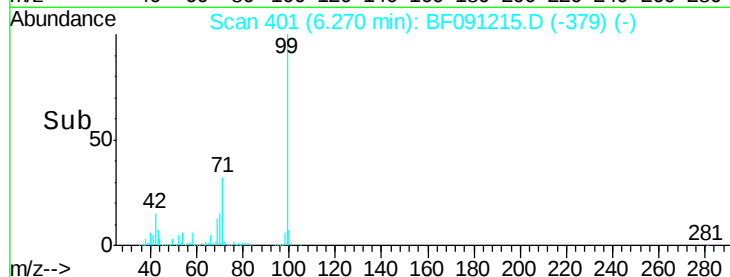
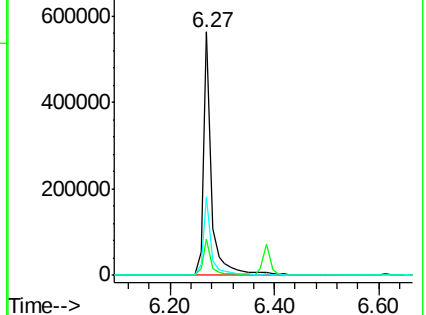
71 32.1 27.8 41.8



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: 3.03 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

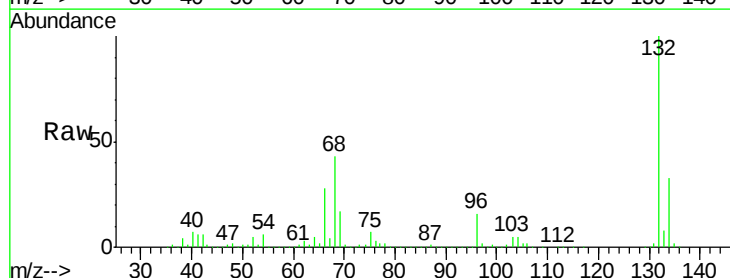
Tgt Ion: 77 Resp: 25851

Ion Ratio Lower Upper

77 100

105 74.1 66.8 106.8

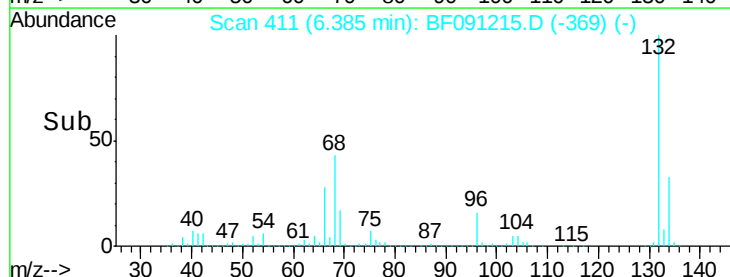
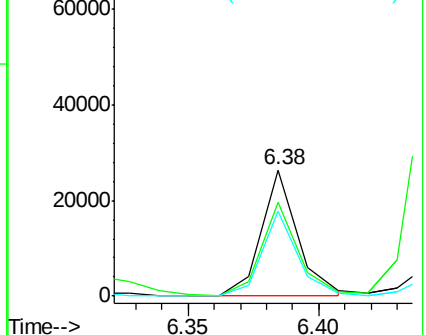
106 66.8 64.0 104.0

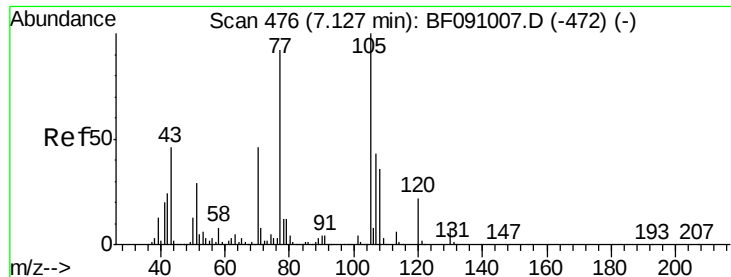


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

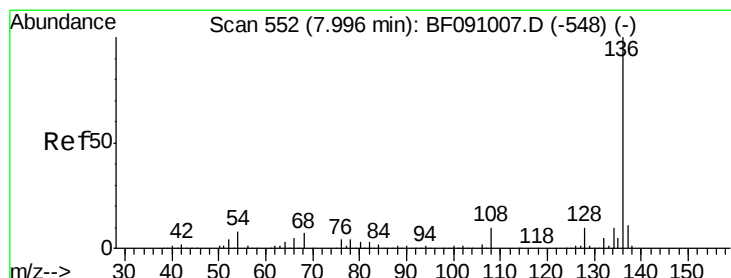
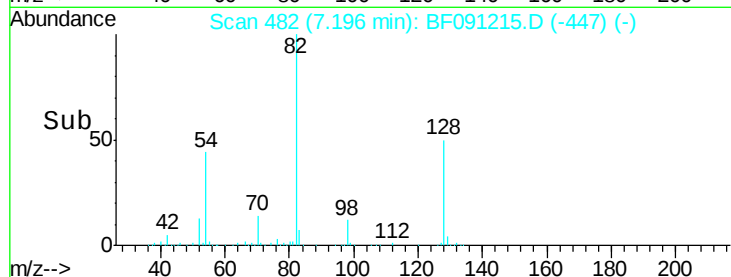
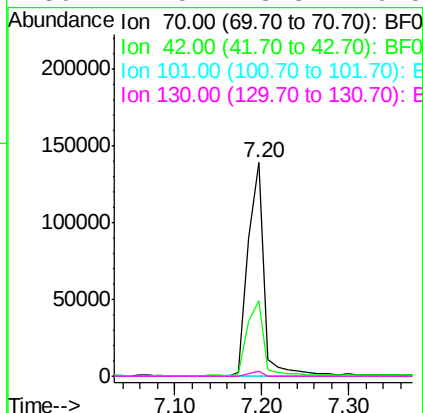
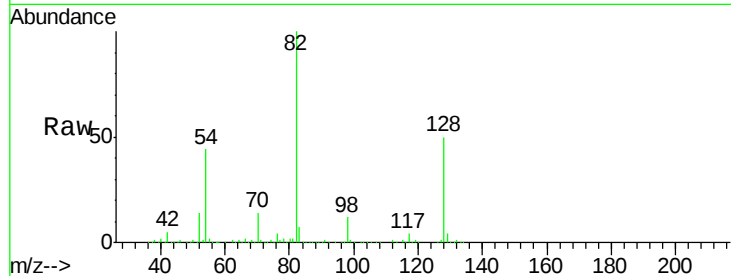




#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

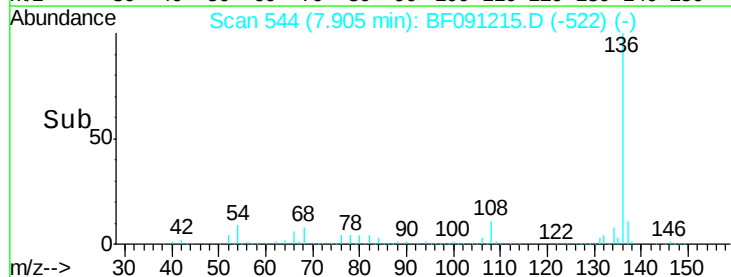
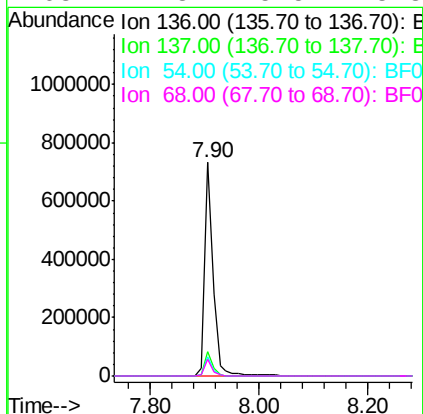
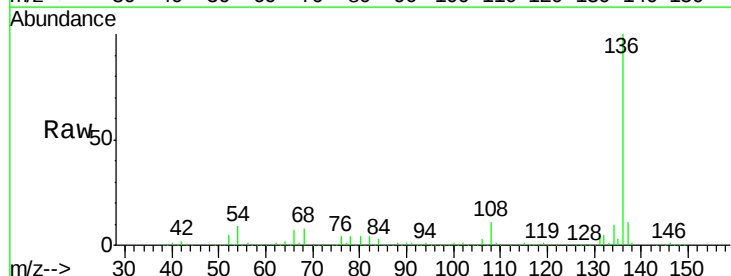
Instrument :
BNA_F
ClientSampled :
MW-4

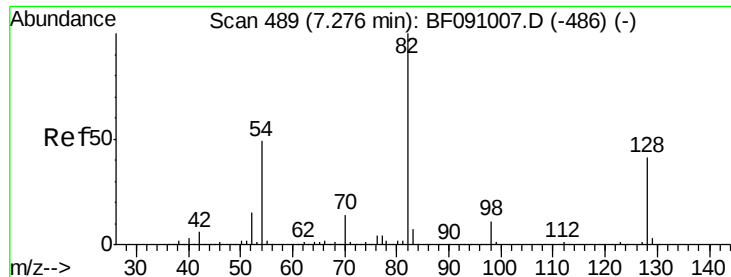
Tgt Ion: 70 Resp: 180476
Ion Ratio Lower Upper
70 100
42 35.3 41.7 62.5#
101 0.0 6.7 10.1#
130 2.5 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion: 136 Resp: 788594
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.2 6.2 9.2
68 7.8 5.5 8.3

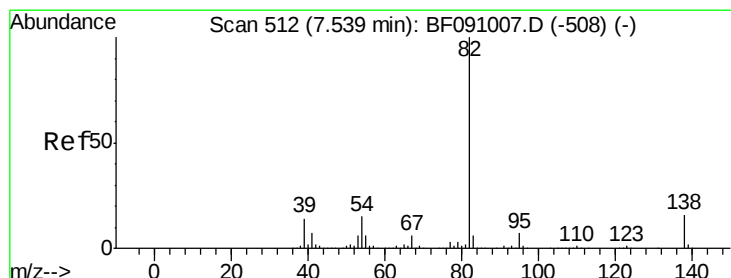
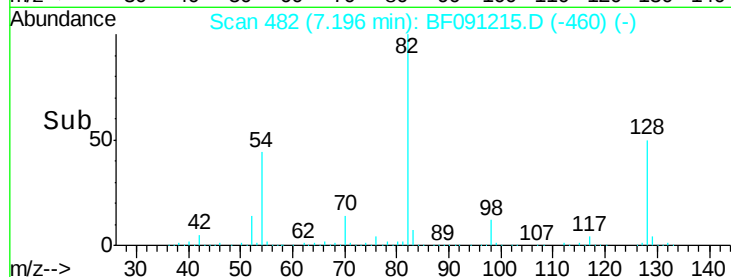
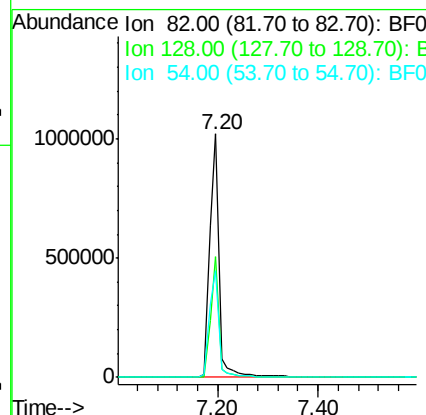
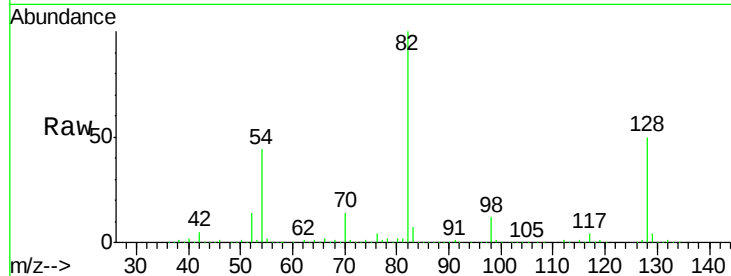




#23
 Nitrobenzene-d5
 Concen: 91.73 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

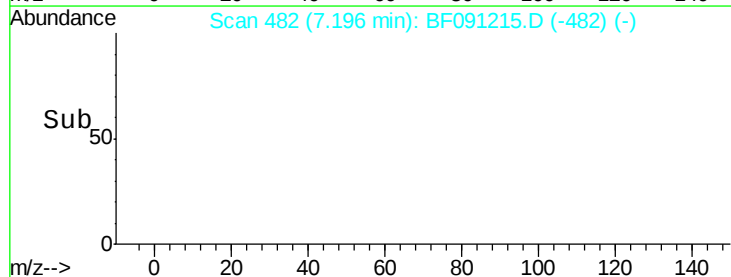
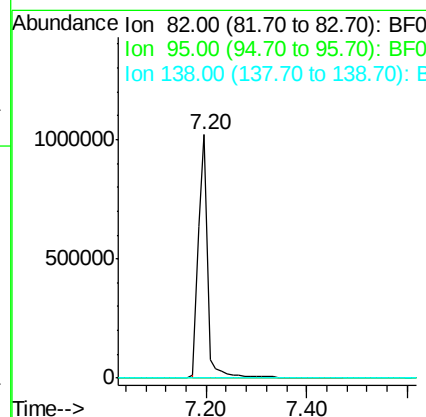
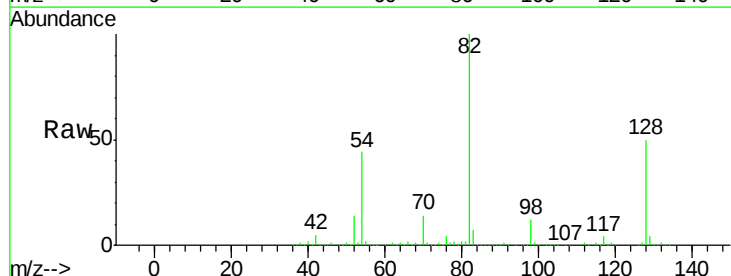
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

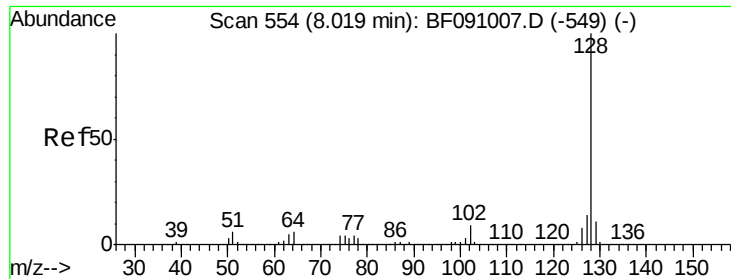
Tgt Ion: 82 Resp: 1326037
 Ion Ratio Lower Upper
 82 100
 128 49.5 32.4 48.6#
 54 43.7 39.2 58.8



#25
 Isophorone
 Concen: 46.30 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.30 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Tgt Ion: 82 Resp: 1289734
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

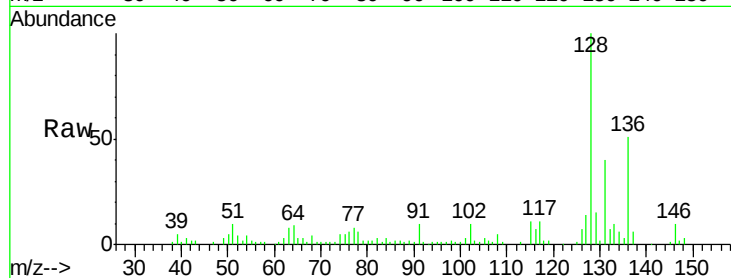




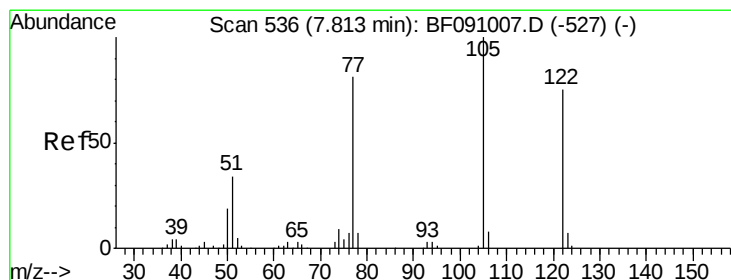
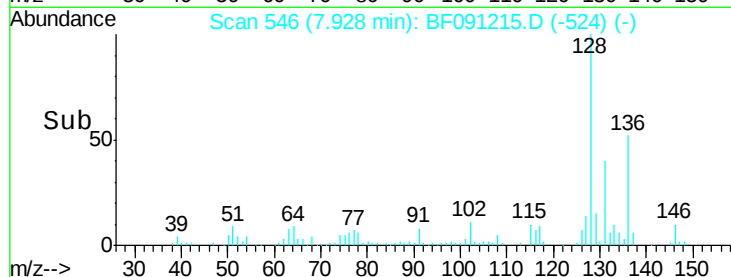
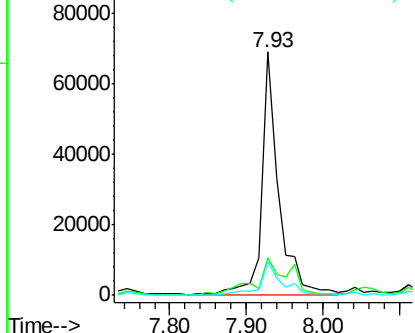
#31
Naphthalene
Concen: 2.83 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 106888
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.6#
127 14.1 10.9 16.3

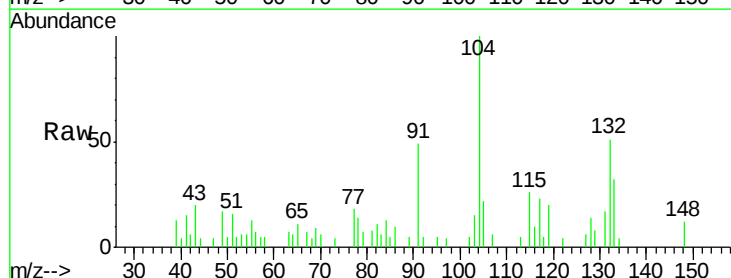


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

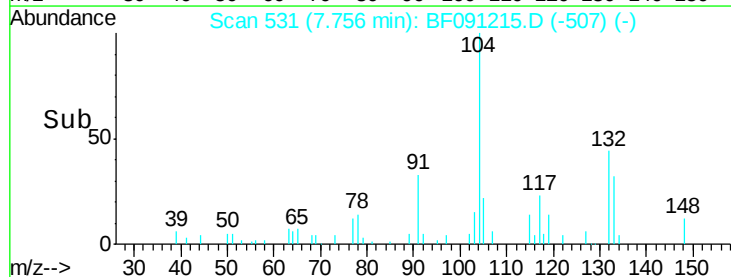
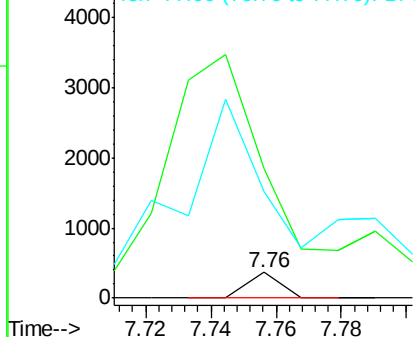


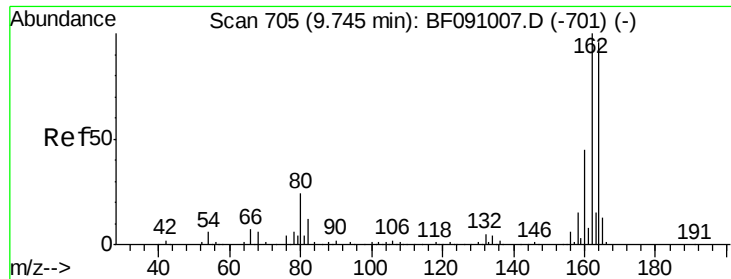
#32
Benzoic acid
Concen: 5.10 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion:122 Resp: 251
Ion Ratio Lower Upper
122 100
105 504.6 105.9 145.9#
77 415.6 84.0 124.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

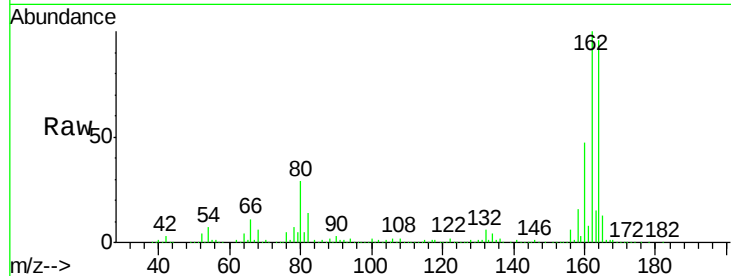




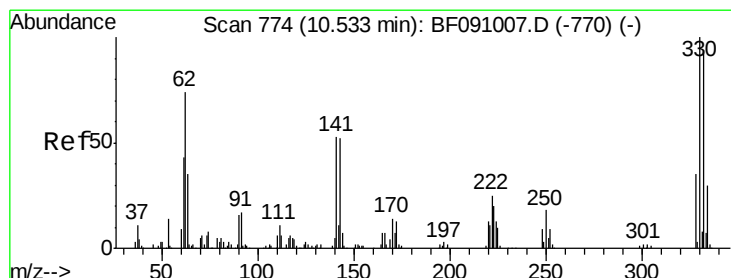
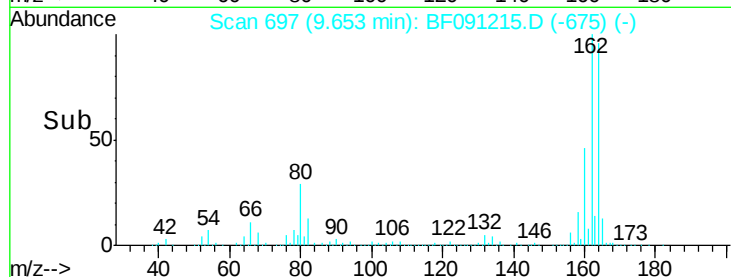
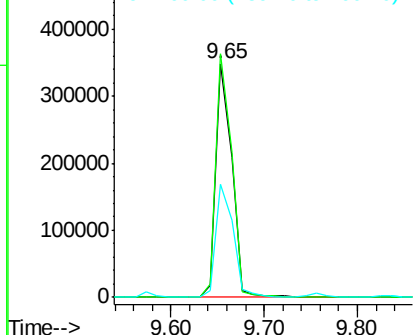
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 411122
Ion Ratio Lower Upper
164 100
162 104.1 83.6 125.4
160 48.5 37.9 56.9

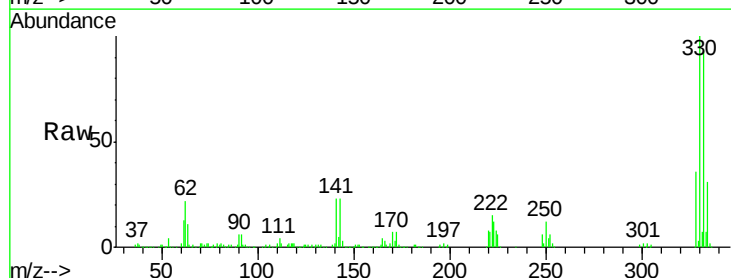


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

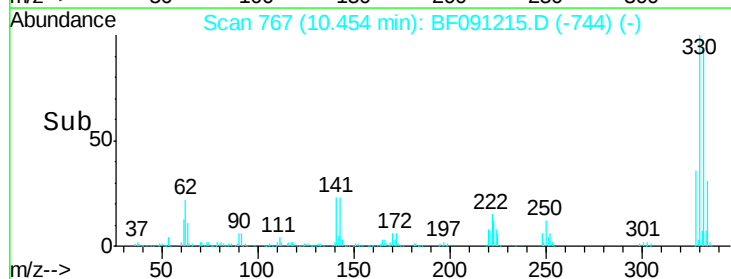
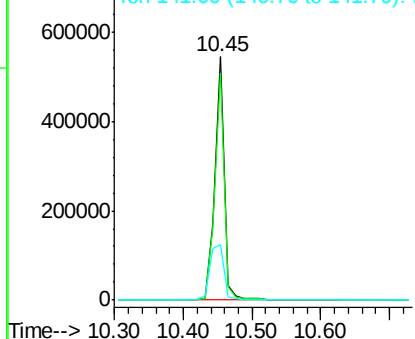


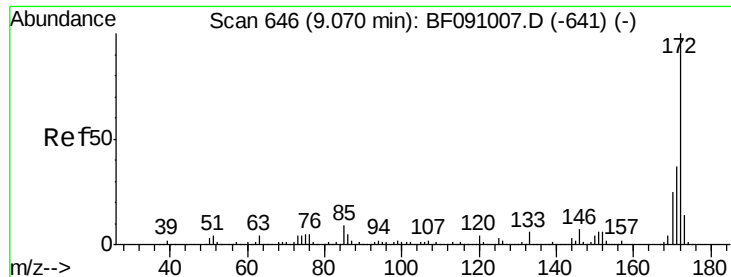
#41
2,4,6-Tribromophenol
Concen: 143.60 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion:330 Resp: 533738
Ion Ratio Lower Upper
330 100
332 94.3 75.9 113.9
141 34.4 36.1 54.1#



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

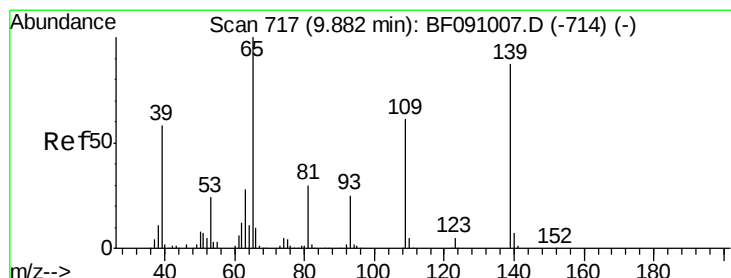
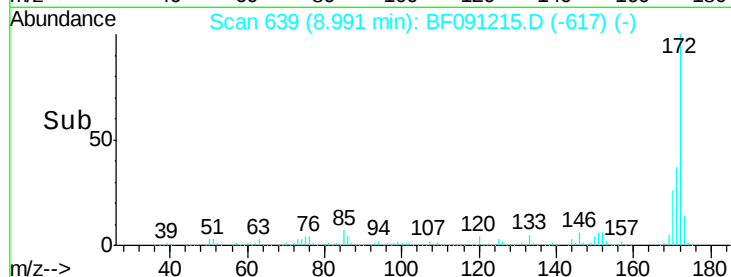
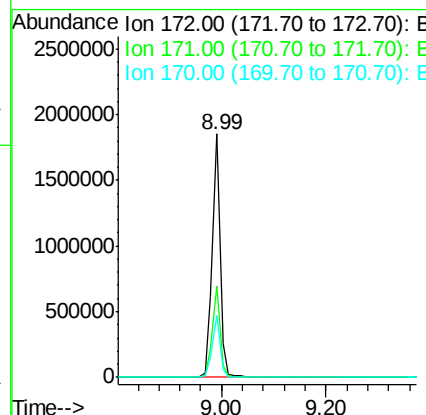
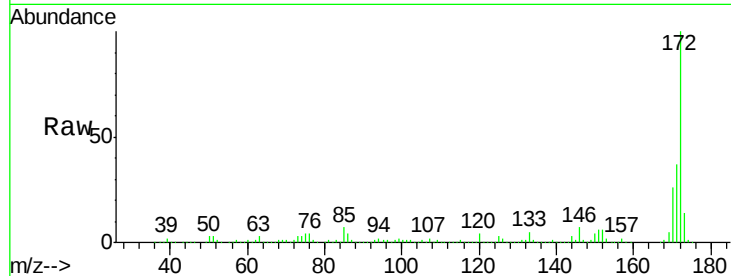




#44
 2-Fluorobiphenyl
 Concen: 82.14 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

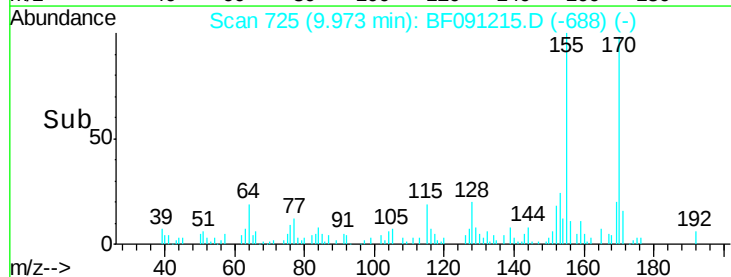
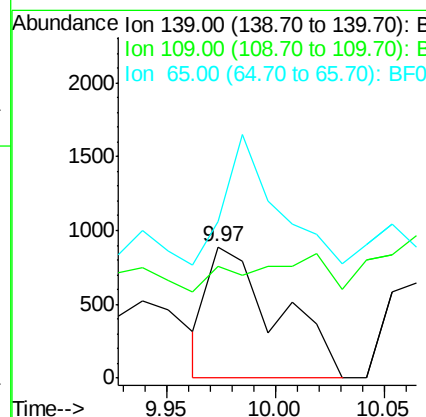
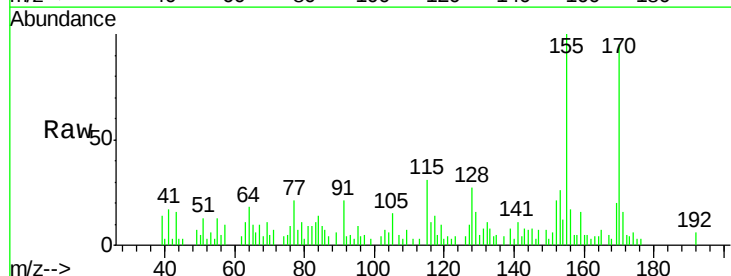
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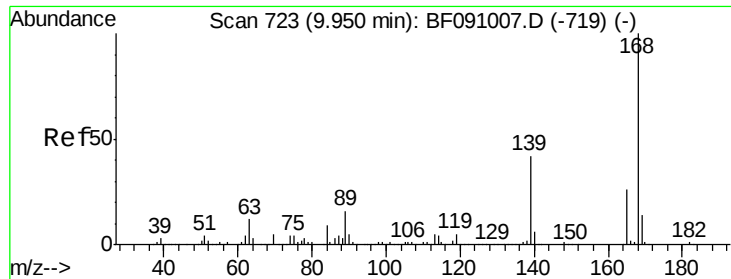
Tgt Ion:172 Resp: 1961594
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.6 20.3 30.5



#55
 4-Nitrophenol
 Concen: 6.13 ng
 RT: 9.97 min Scan# 725
 Delta R.T. 0.13 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Tgt Ion:139 Resp: 1970
 Ion Ratio Lower Upper
 139 100
 109 85.4 50.5 90.5
 65 119.6 97.1 137.1

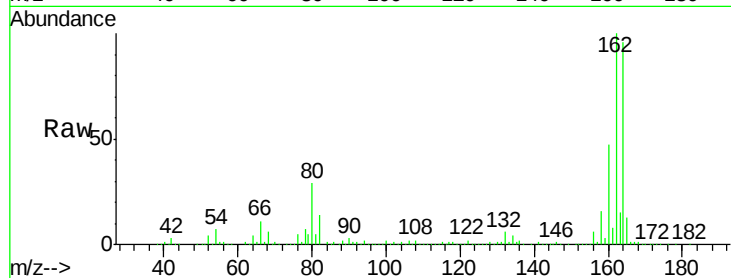




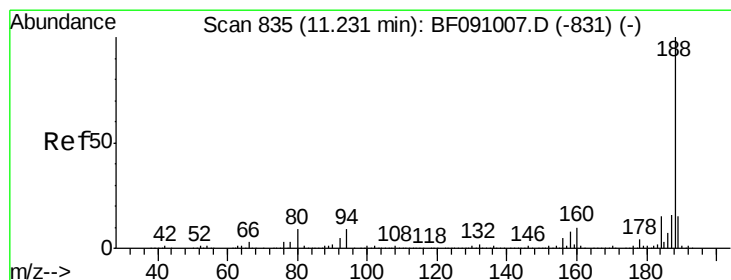
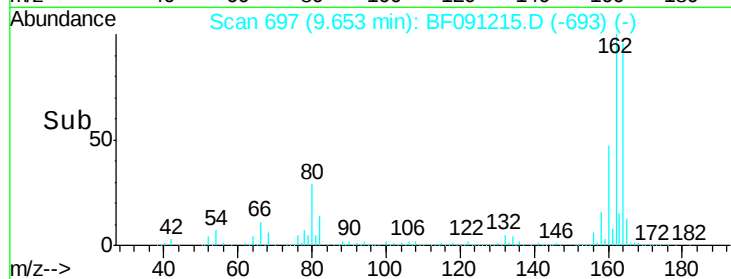
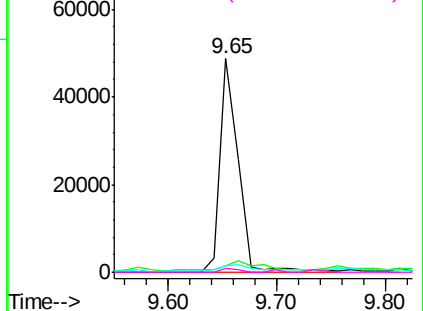
#56
2,4-Dinitrotoluene
Concen: 7.80 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 57308
Ion Ratio Lower Upper
165 100
63 2.9 38.7 58.1#
89 2.7 50.6 76.0#
182 1.5 1.8 2.8#

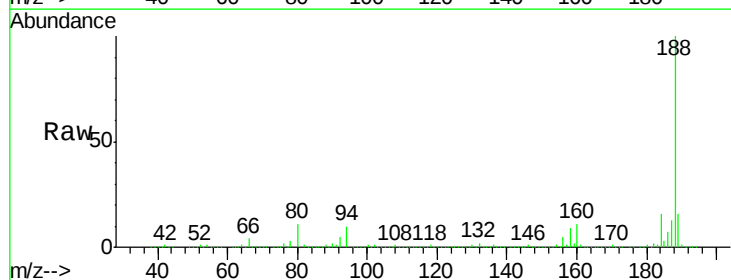


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

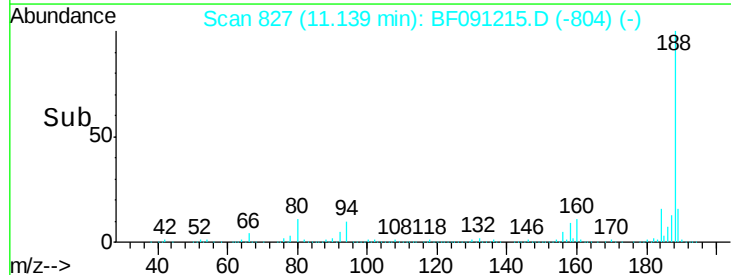
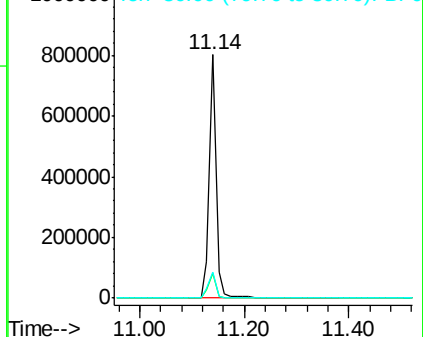


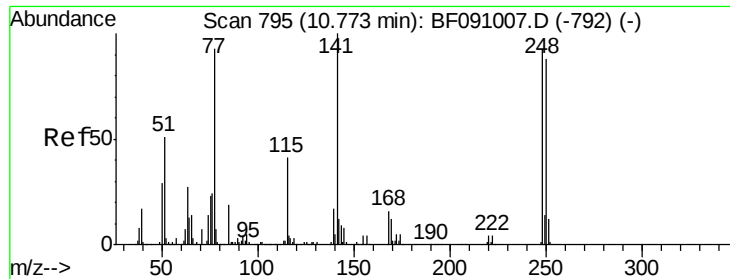
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion:188 Resp: 725858
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.8 7.5 11.3



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

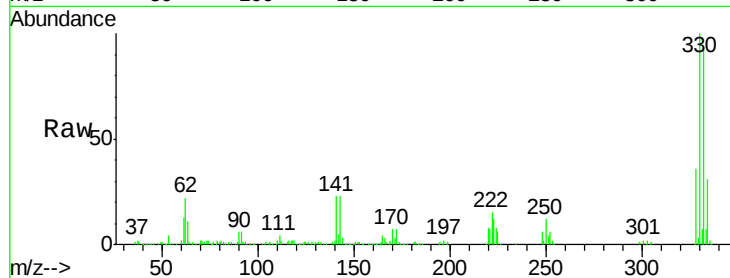




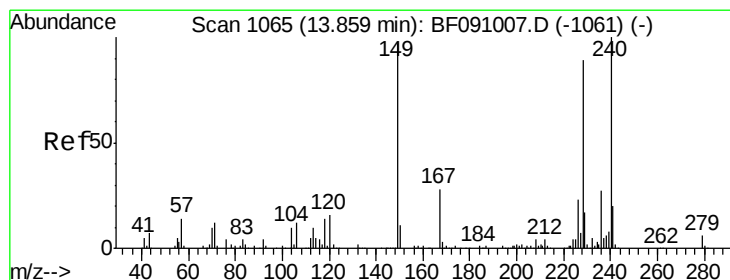
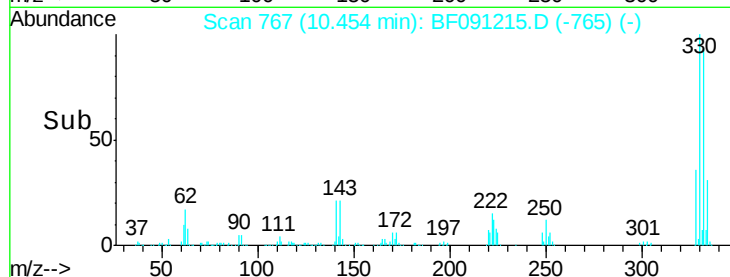
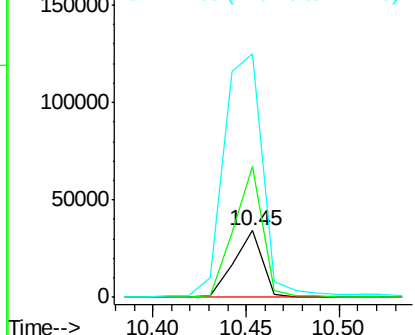
#66
4-Bromophenyl-phenylether
Concen: 4.88 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:248 Resp: 36863
Ion Ratio Lower Upper
248 100
250 196.6 76.3 114.5#
141 365.6 86.8 130.2#

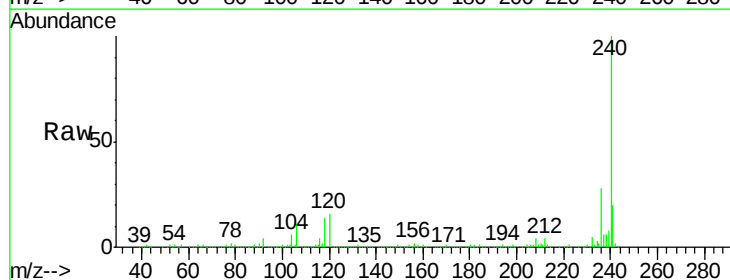


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

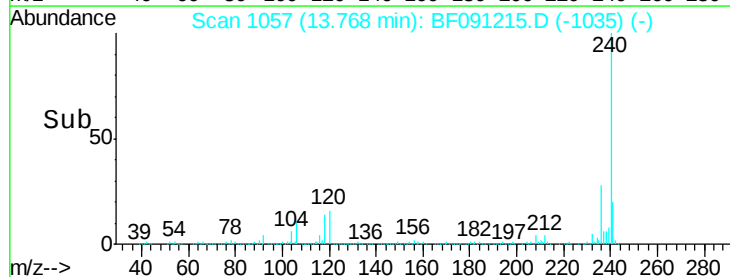
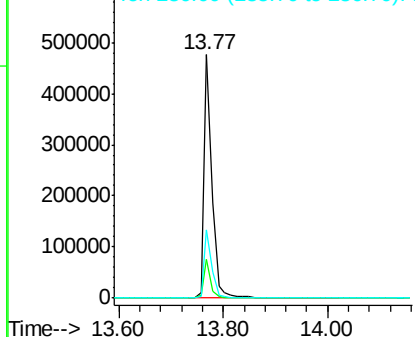


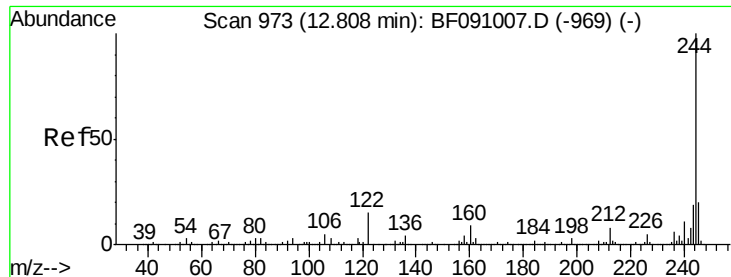
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion:240 Resp: 505466
Ion Ratio Lower Upper
240 100
120 15.8 12.9 19.3
236 27.9 21.9 32.9



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

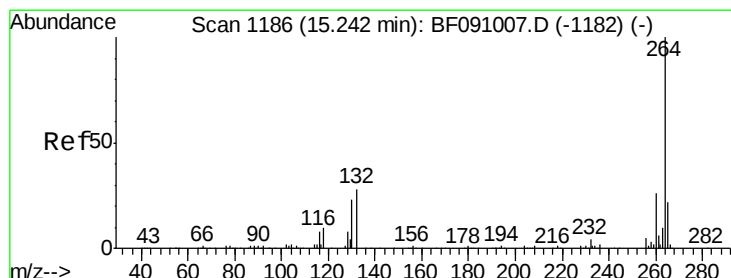
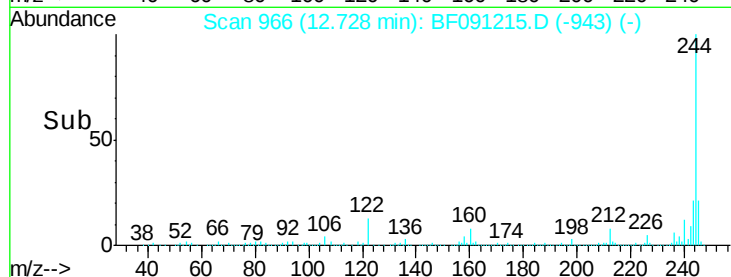
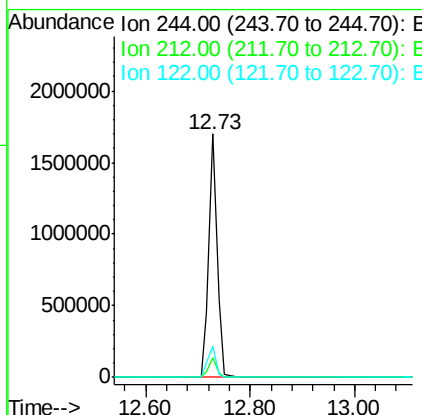
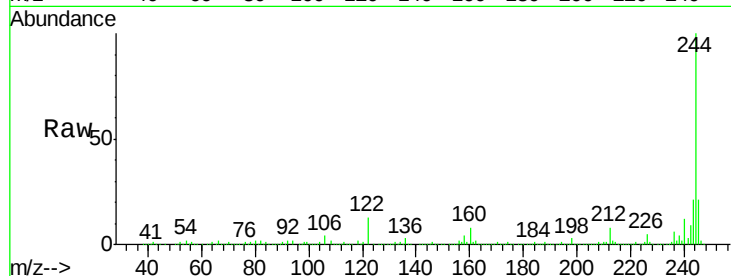




#78
 Terphenyl-d14
 Concen: 93.95 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 1903076
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 12.6 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Tgt Ion:264 Resp: 346573
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.3 17.8 26.8

