

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091402.D
 Acq On : 2 Dec 2016 21:15
 Operator : UM/SJ
 Sample : H5820-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 02 22:24:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

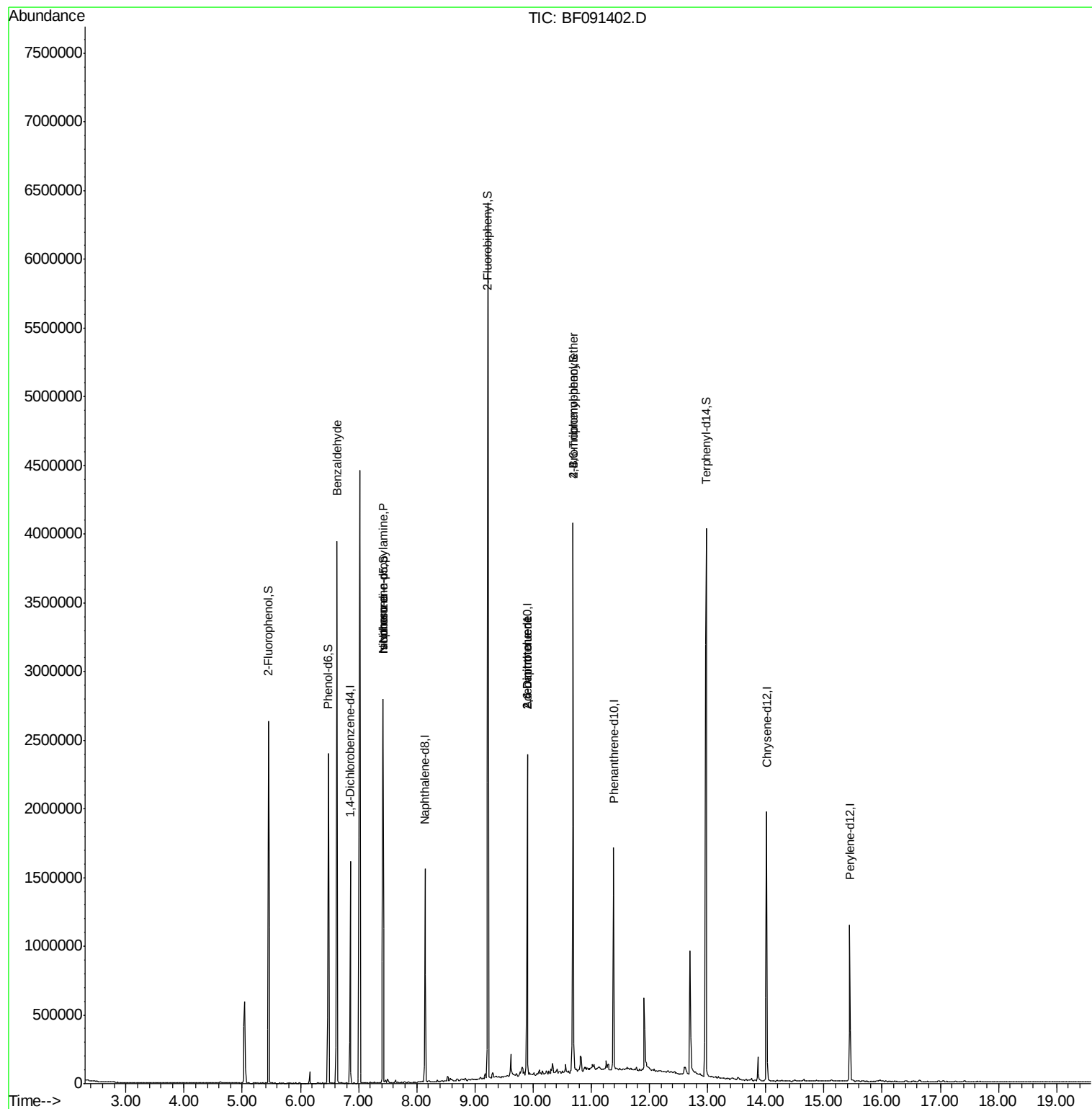
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	217321	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	799293	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	511711	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	833069	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	689697	20.00	ng	-0.03
86) Perylene-d12	15.44	264	515349	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	746720	56.13	ng	-0.02
7) Phenol-d6	6.48	99	646896	39.50	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1058778	74.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	495506	102.28	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1980252	70.07	ng	-0.02
78) Terphenyl-d14	12.97	244	1774367	55.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	32924	3.13	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.42	70	143478	13.91	ng	# 74
25) Isophorone	7.42	82	860081	34.04	ng	# 67
50) 2,6-Dinitrotoluene	9.90	165	67334	9.72	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	68128	7.58	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	32727	3.65	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: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampleId :

MW-1

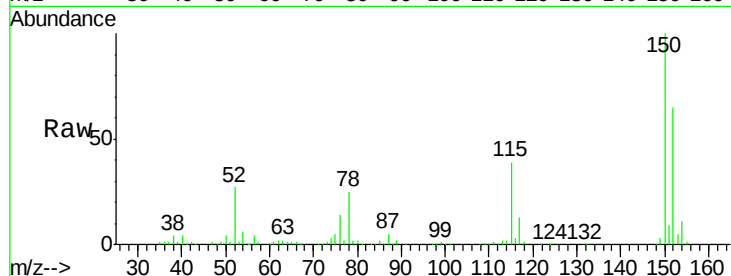
Tgt Ion:152 Resp: 217321

Ion Ratio Lower Upper

152 100

150 154.9 122.5 183.7

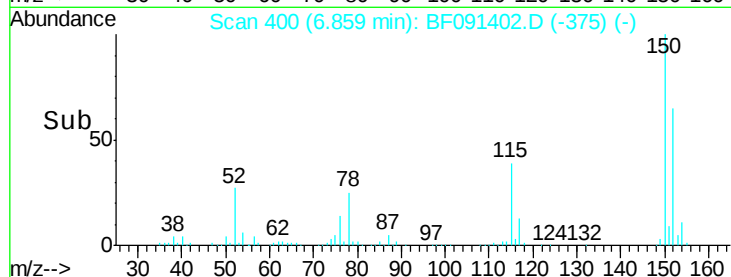
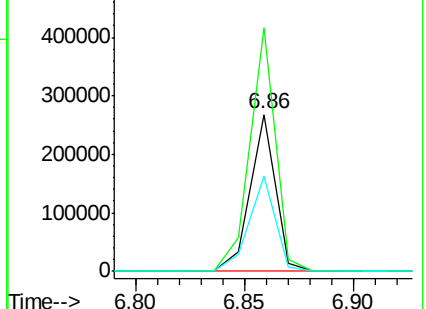
115 60.3 51.8 77.8



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: 56.13 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

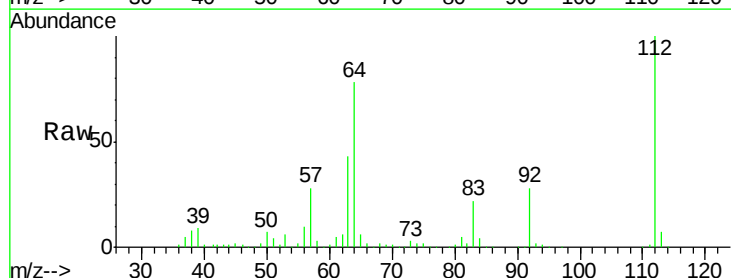
Tgt Ion:112 Resp: 746720

Ion Ratio Lower Upper

112 100

64 78.3 61.5 92.3

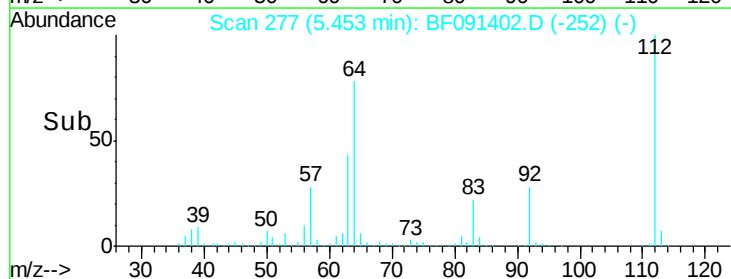
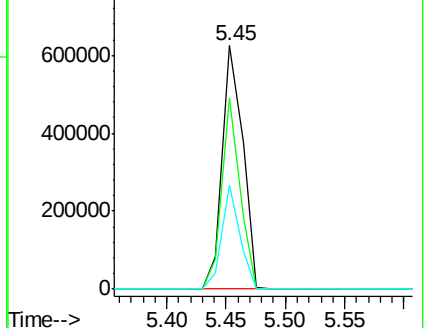
63 42.6 33.3 49.9



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: 39.50 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampled :

MW-1

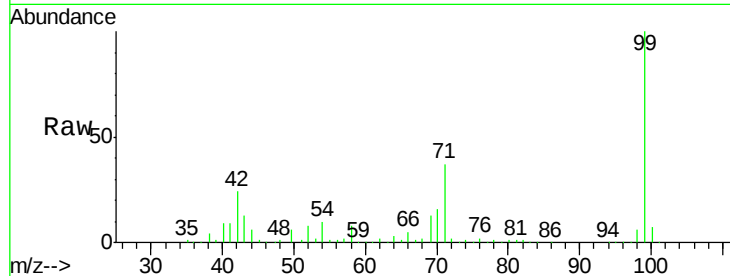
Tgt Ion: 99 Resp: 646896

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

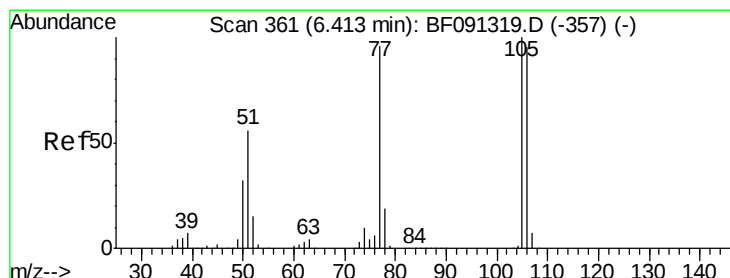
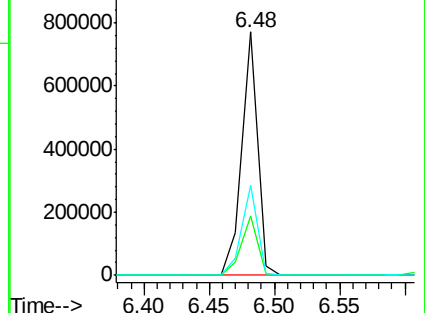
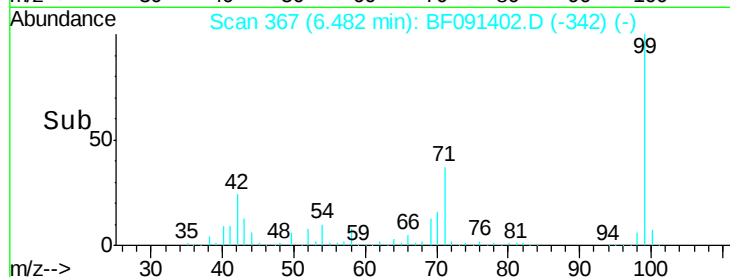
71 37.0 29.9 44.9



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: 3.13 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

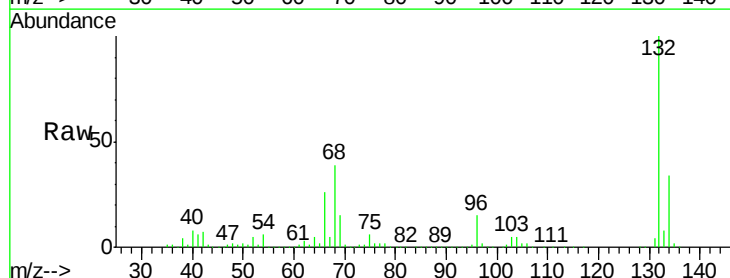
Tgt Ion: 77 Resp: 32924

Ion Ratio Lower Upper

77 100

105 82.3 66.4 106.4

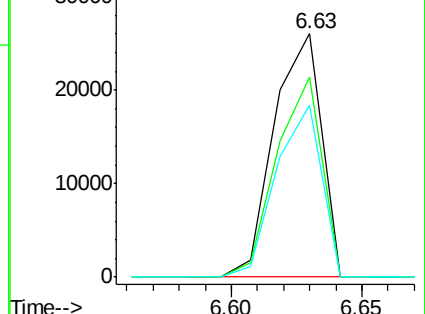
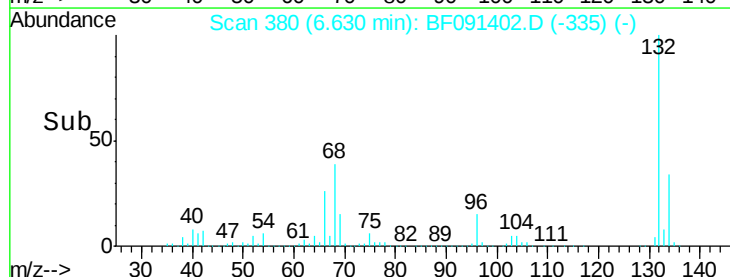
106 70.4 60.9 100.9

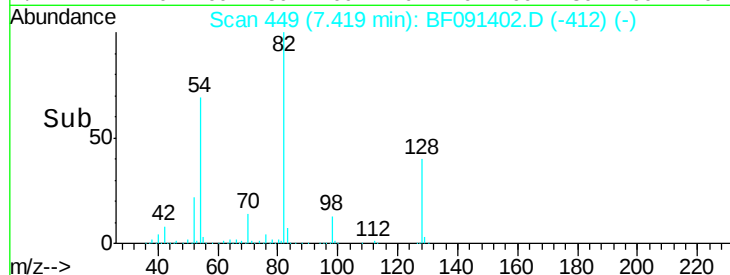
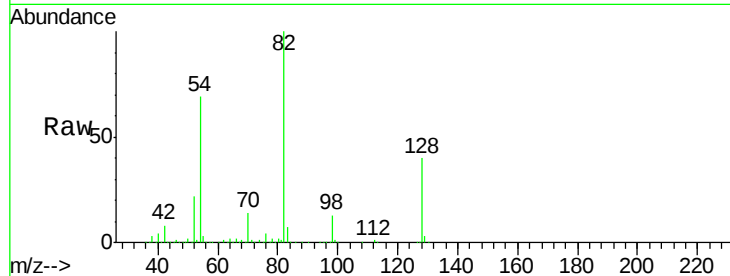
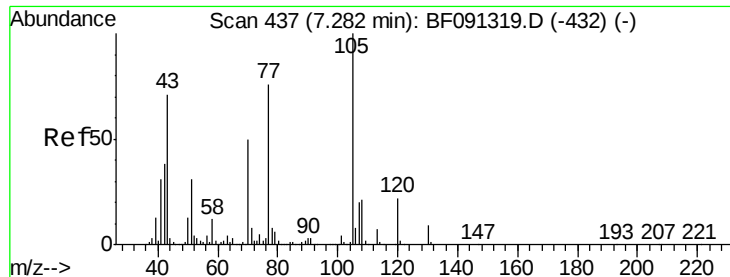


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

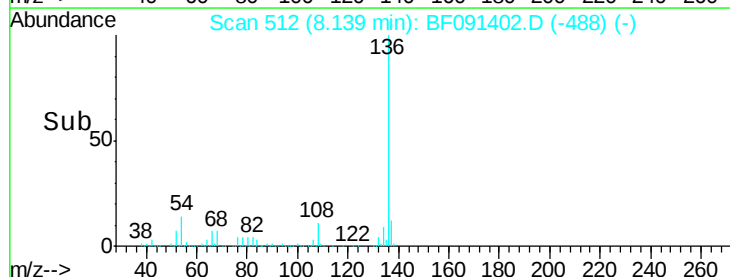
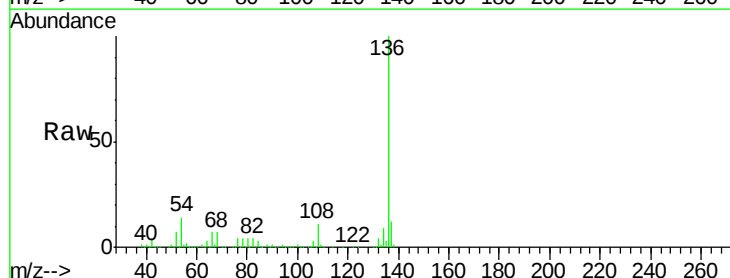
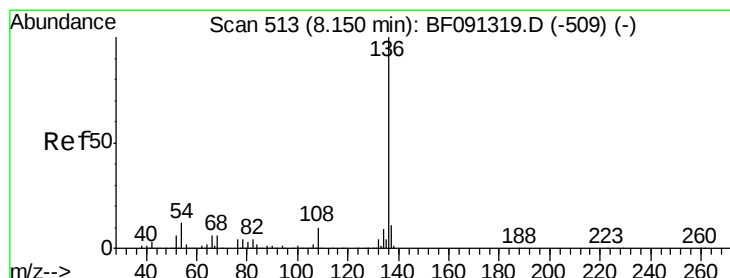
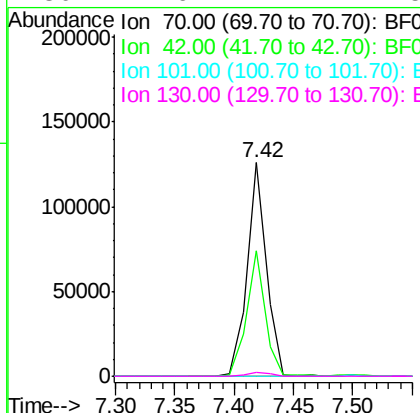




#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

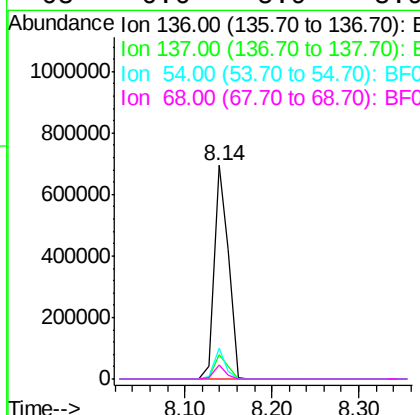
Instrument :
BNA_F
ClientSampleId :
MW-1

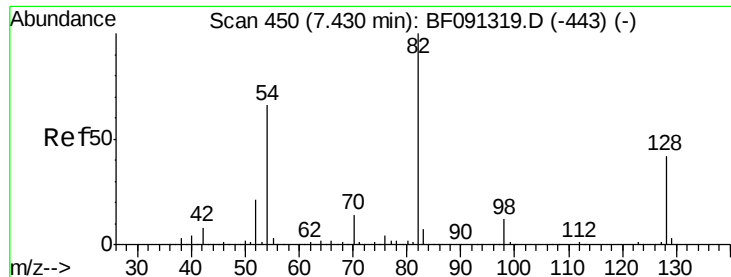
Tgt Ion: 70 Resp: 143478
Ion Ratio Lower Upper
70 100
42 58.7 64.8 97.2#
101 0.0 6.2 9.4#
130 1.6 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion: 136 Resp: 799293
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 14.5 9.1 13.7#
68 6.6 5.9 8.9

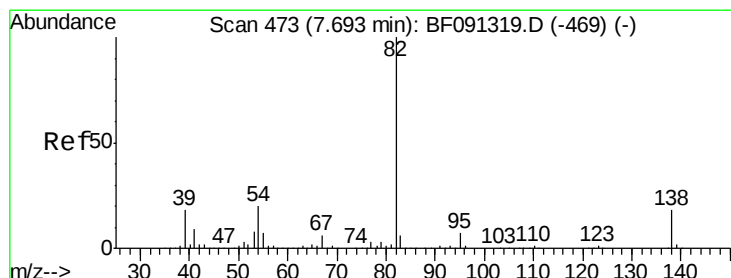
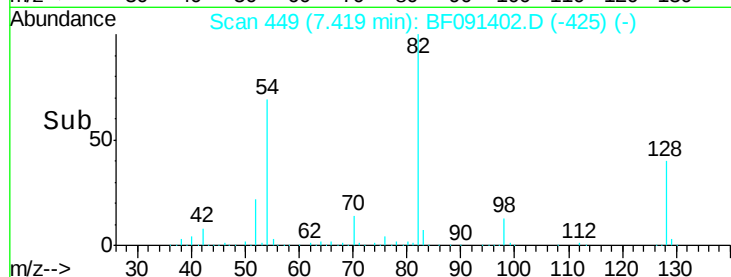
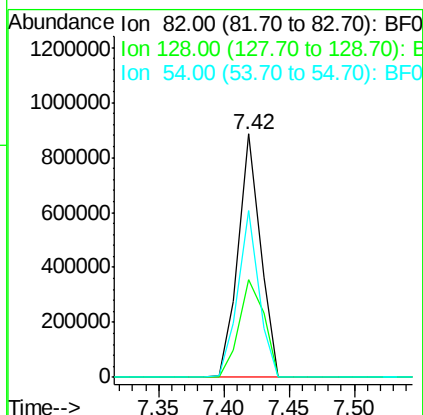
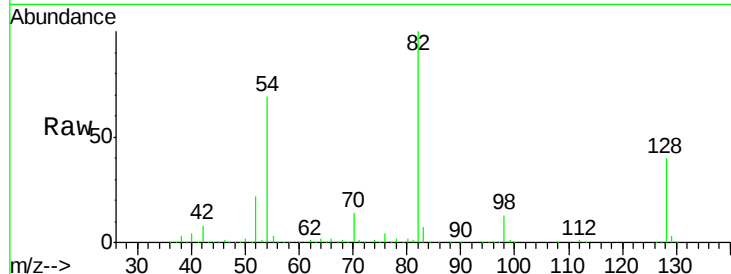




#23
Nitrobenzene-d5
Concen: 74.23 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

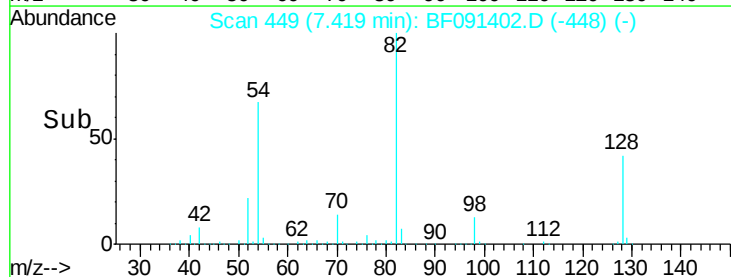
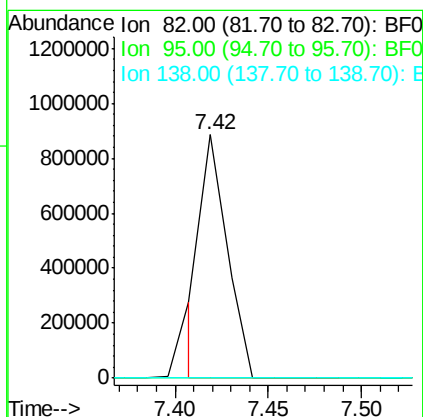
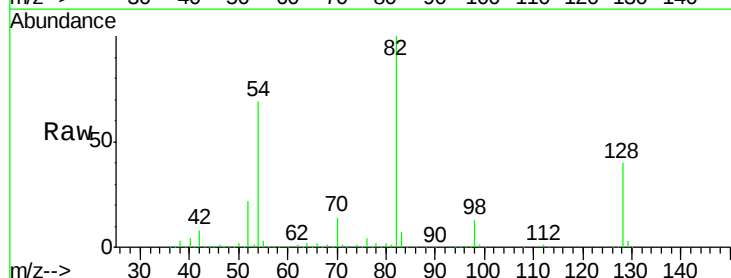
Instrument :
BNA_F
ClientSampleID :
MW-1

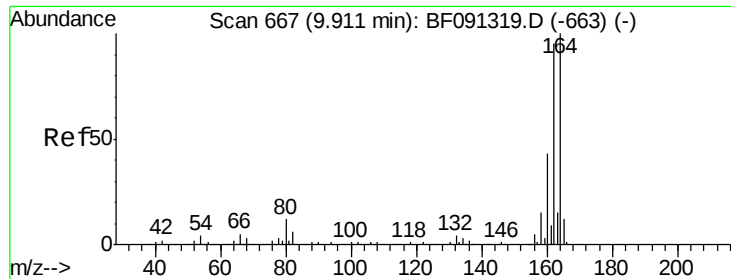
Tgt Ion: 82 Resp: 1058778
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 68.6 49.1 73.7



#25
Isophorone
Concen: 34.04 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.29 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion: 82 Resp: 860081
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#

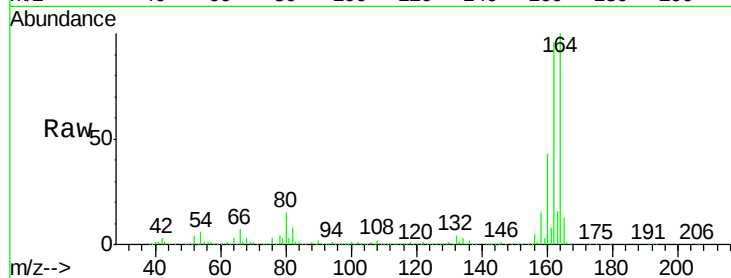




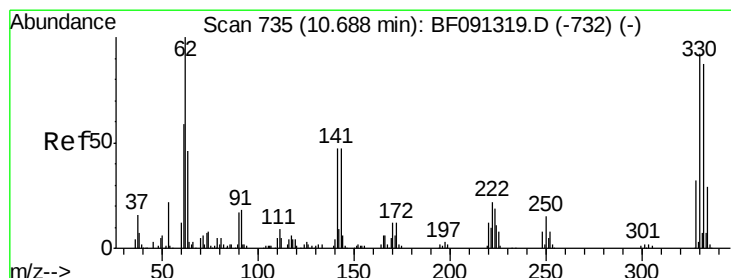
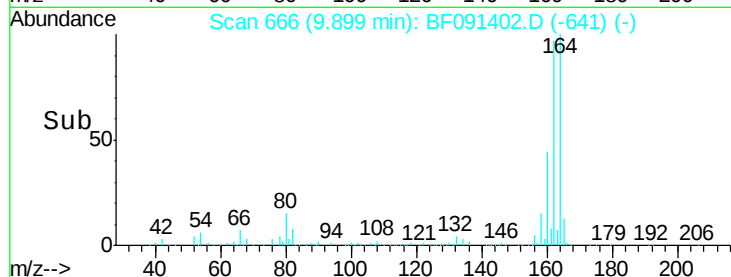
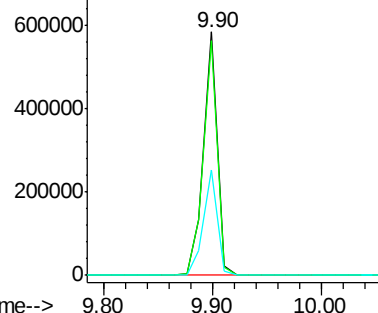
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 511711
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 43.4 36.7 55.1

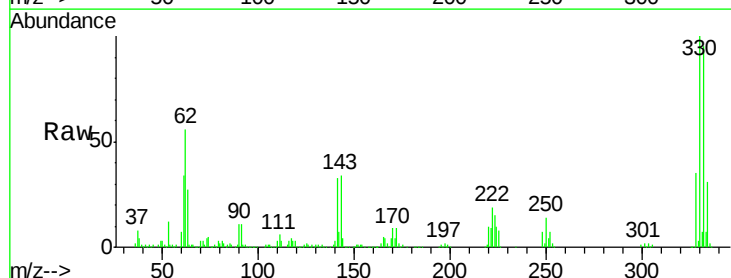


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

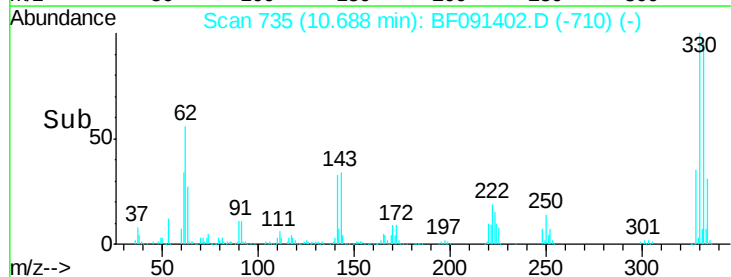
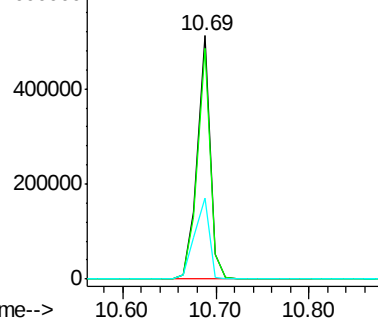


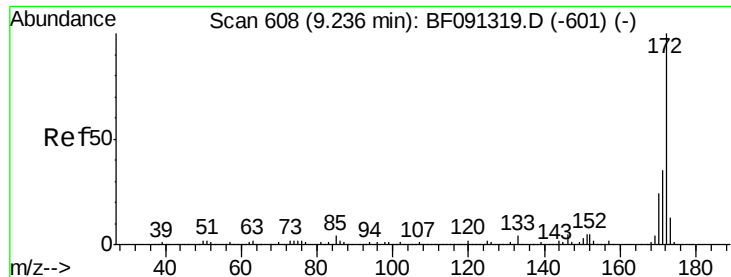
#41
2,4,6-Tribromophenol
Concen: 102.28 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:330 Resp: 495506
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 37.3 33.6 50.4



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

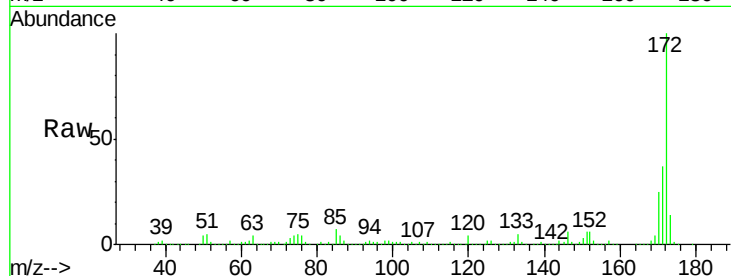




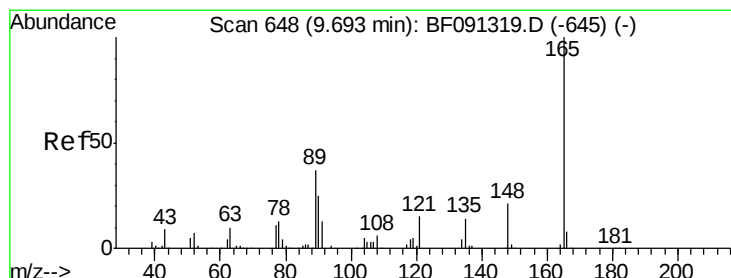
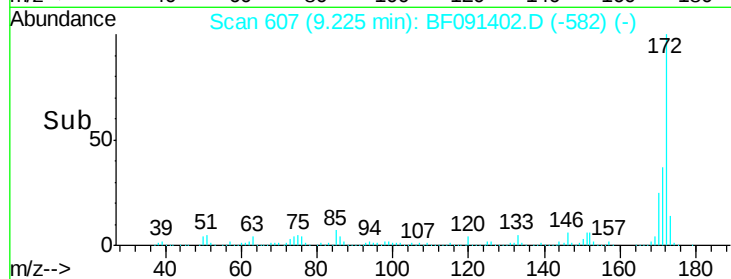
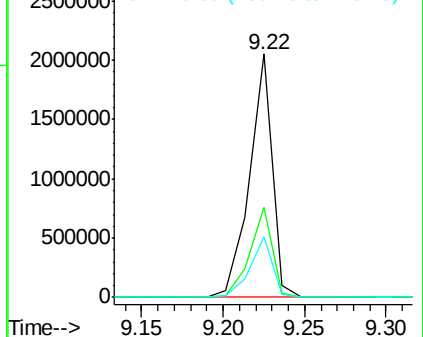
#44
 2-Fluorobiphenyl
 Concen: 70.07 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion:172 Resp: 1980252
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 19.7 29.5

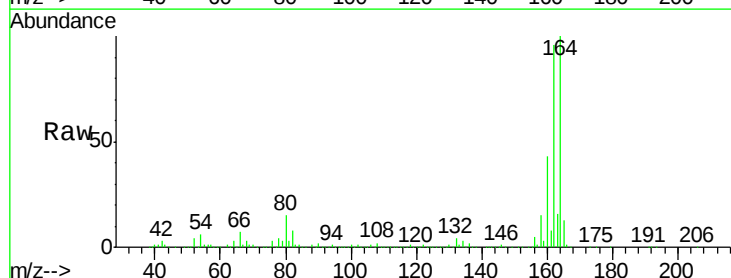


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

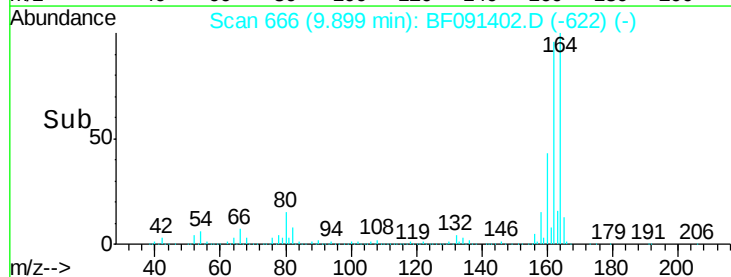
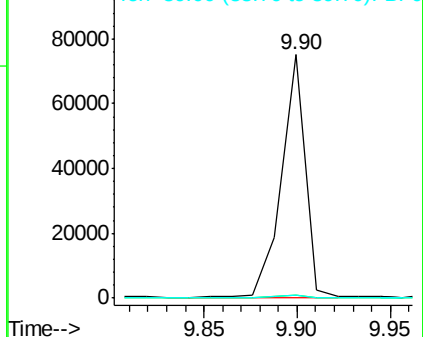


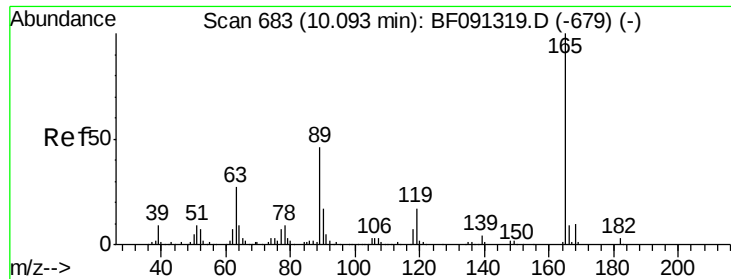
#50
 2,6-Dinitrotoluene
 Concen: 9.72 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Tgt Ion:165 Resp: 67334
 Ion Ratio Lower Upper
 165 100
 63 1.0 59.4 89.0#
 89 1.2 50.8 76.2#



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

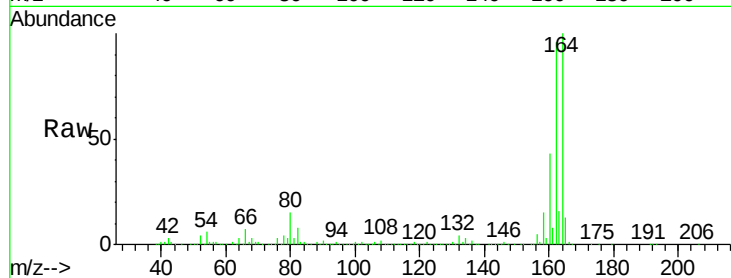




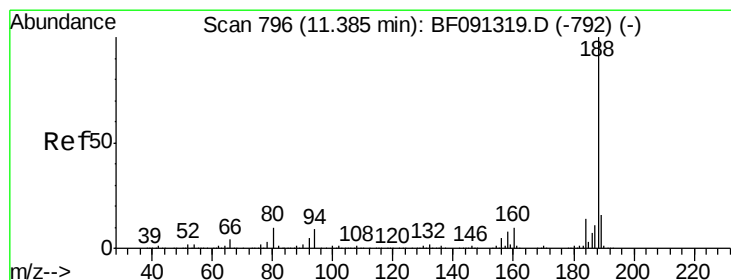
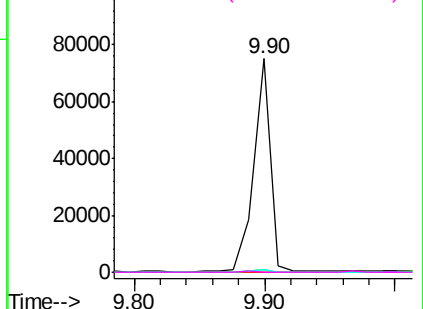
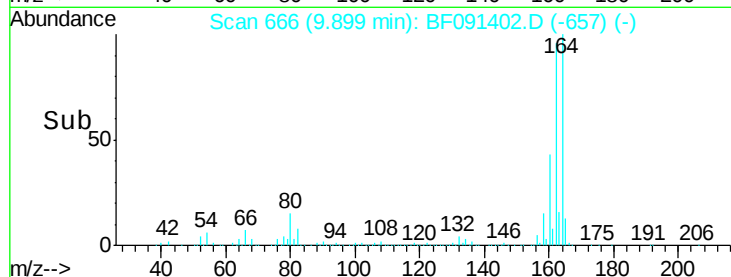
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 68128
Ion Ratio Lower Upper
165 100
63 1.0 29.0 43.4#
89 1.2 43.1 64.7#
182 0.0 1.9 2.9#

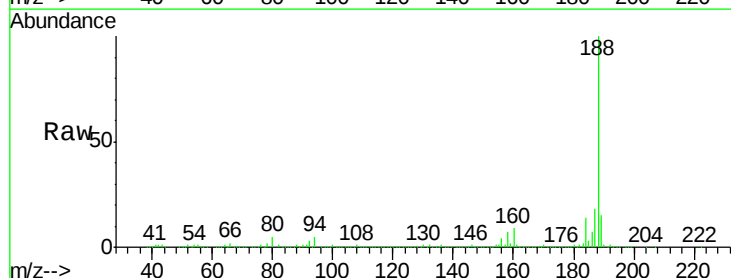


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

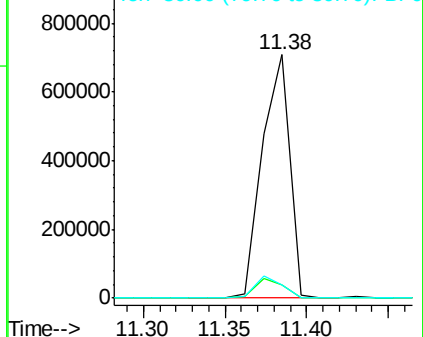
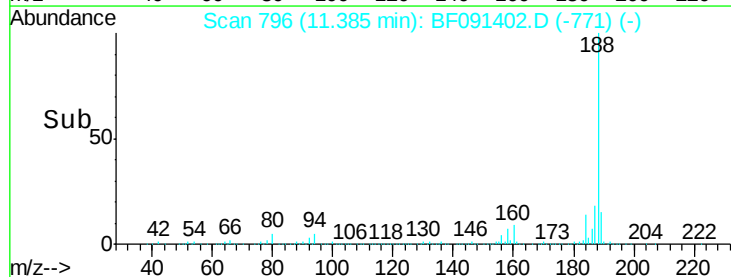


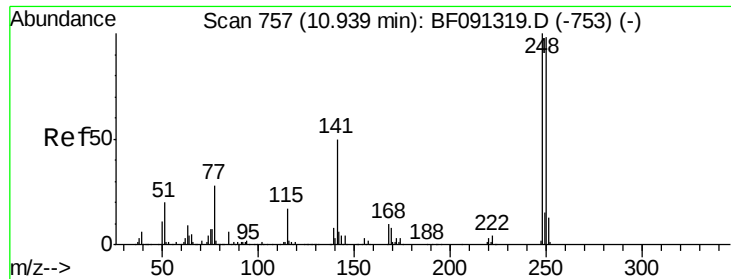
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:188 Resp: 833069
Ion Ratio Lower Upper
188 100
94 5.5 9.2 13.8#
80 5.4 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.65 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampleId :

MW-1

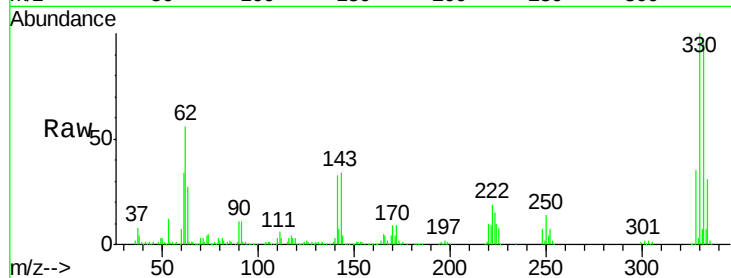
Tgt Ion:248 Resp: 32727

Ion Ratio Lower Upper

248 100

250 204.6 78.2 117.4#

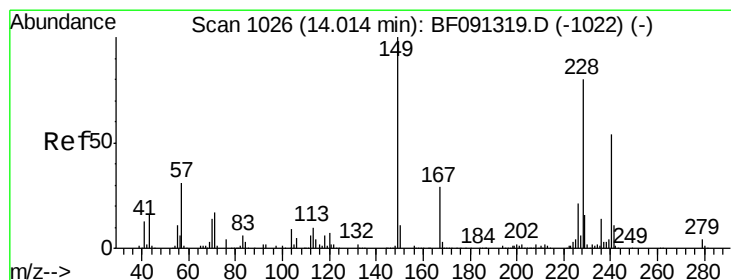
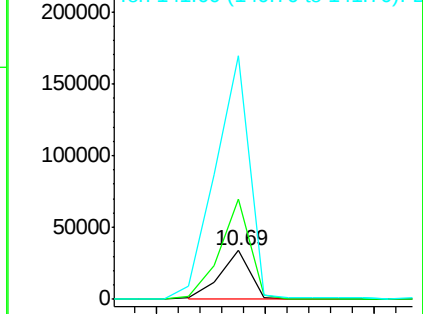
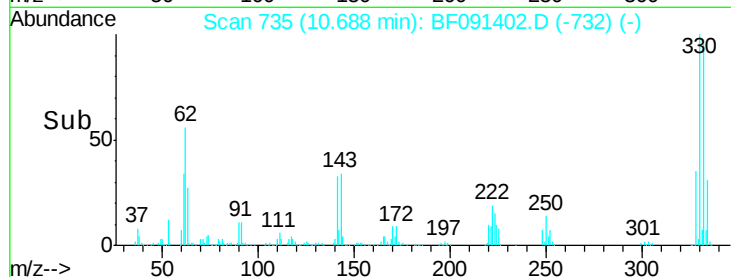
141 497.0 71.9 107.9#



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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

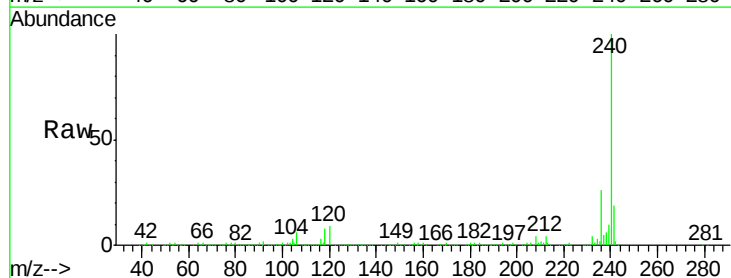
Tgt Ion:240 Resp: 689697

Ion Ratio Lower Upper

240 100

120 8.6 12.1 18.1#

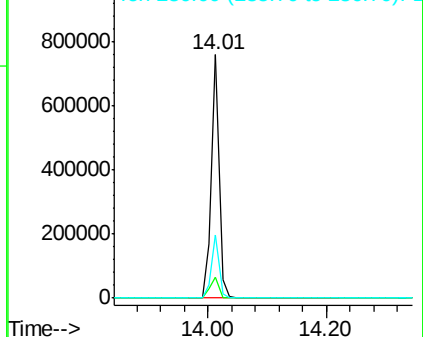
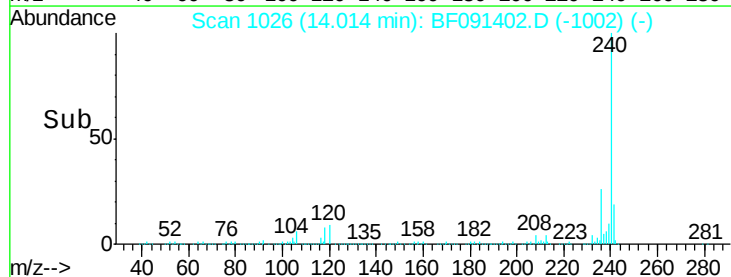
236 25.7 21.0 31.6

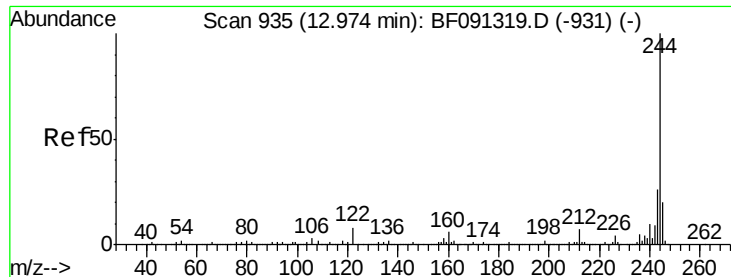


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

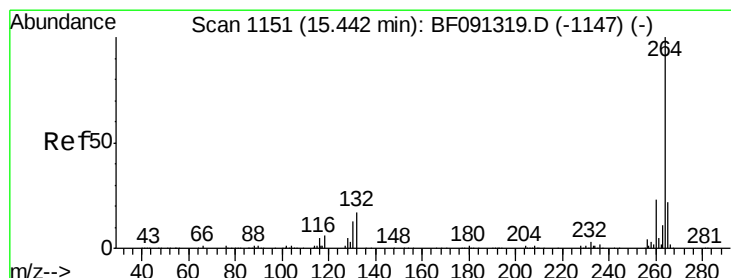
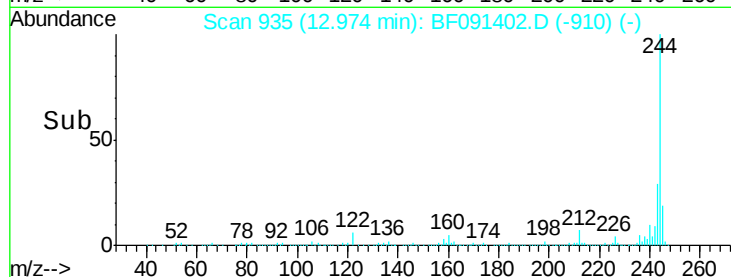
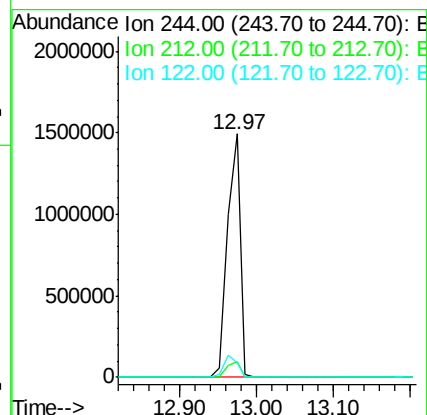
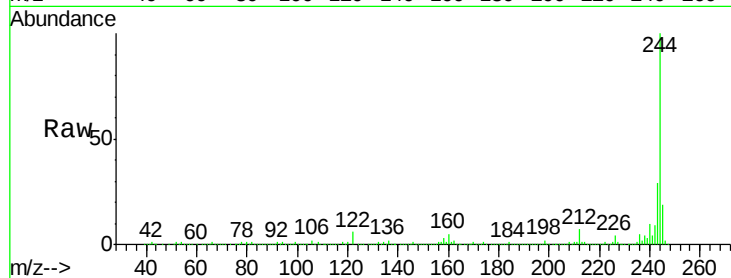




#78
 Terphenyl-d14
 Concen: 55.92 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1774367
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 6.0 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Tgt Ion:264 Resp: 515349
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.9 17.0 25.6

