

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091148.D
 Acq On : 11 Nov 2016 18:57
 Operator : UM/SJ
 Sample : H5609-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Quant Time: Nov 11 23:57:39 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

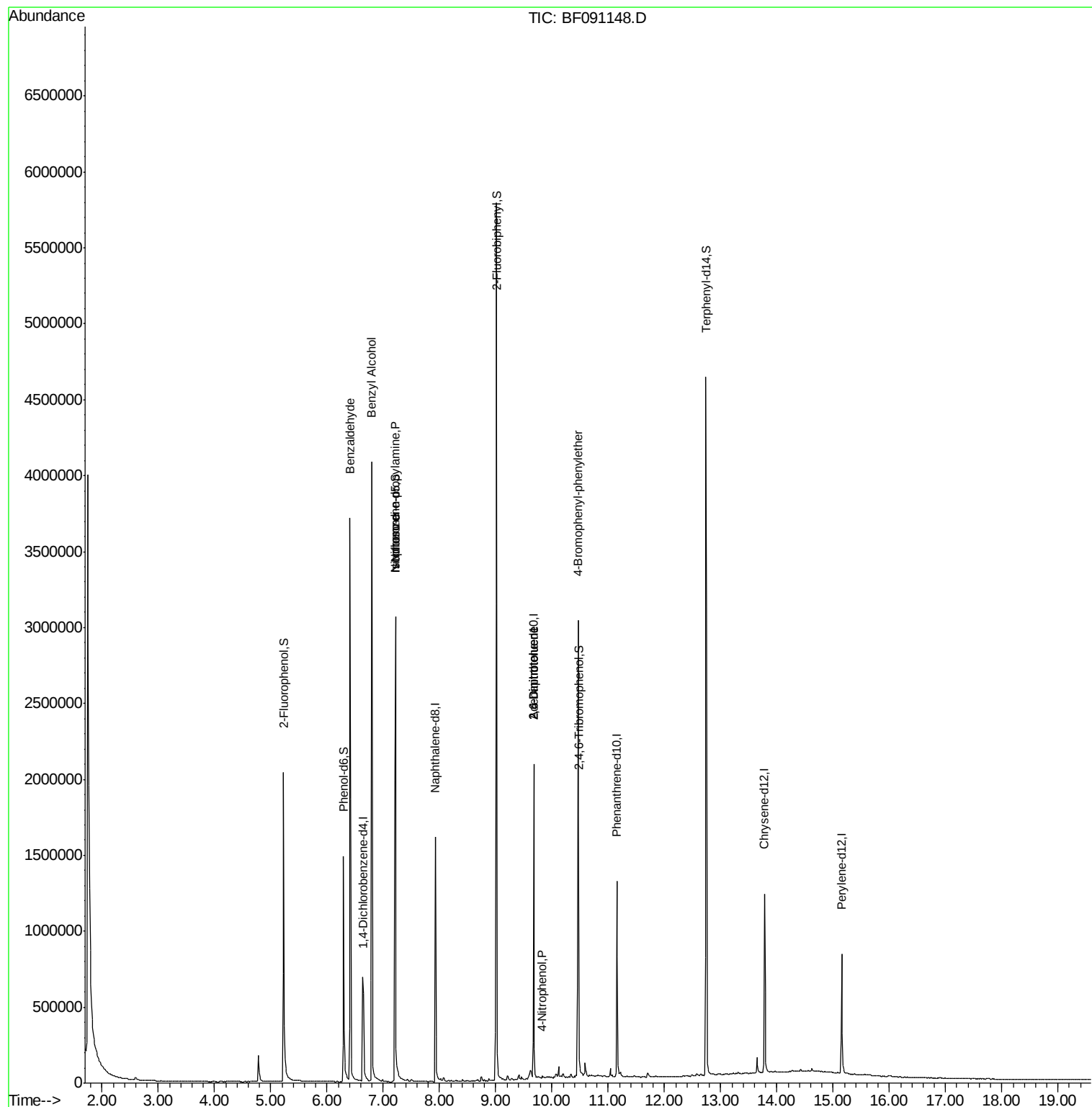
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164716	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	756526	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	396972	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	563661	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	445865	20.00	ng	-0.03
86) Perylene-d12	15.15	264	316611	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	717433	71.93	ng	-0.01
7) Phenol-d6	6.29	99	614650	45.40	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1448459	104.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	550433	153.37	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2160211	93.69	ng	-0.02
78) Terphenyl-d14	12.74	244	2001204	112.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	28145	3.75	ng	Qvalue 84
15) Benzyl Alcohol	6.80	79	21148	2.21	ng	# 59
19) n-Nitroso-di-n-propylamine	7.22	70	200513	21.37	ng	# 75
25) Isophorone	7.22	82	1402106	52.47	ng	# 67
50) 2,6-Dinitrotoluene	9.68	165	51659	9.26	ng	# 12
55) 4-Nitrophenol	9.82	139	1398	6.03	ng	# 56
56) 2,4-Dinitrotoluene	9.68	165	51655	7.28	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	33723	5.75	ng	# 1

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

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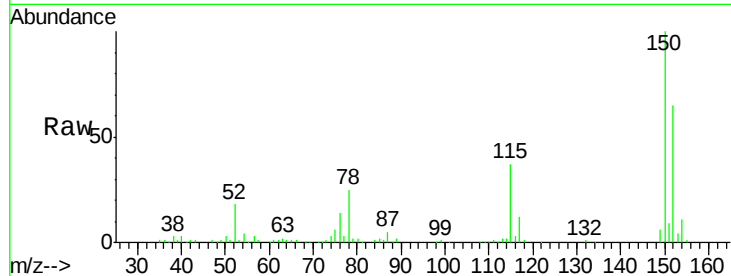




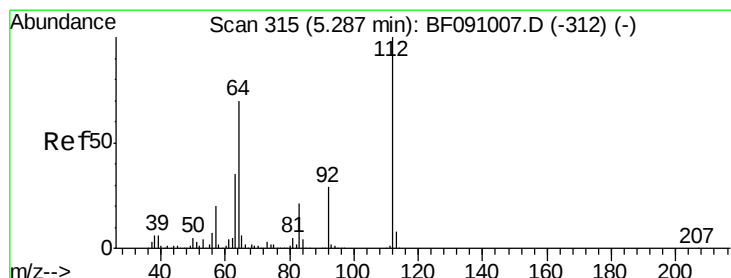
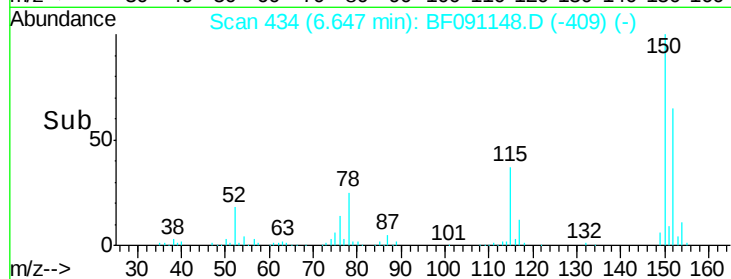
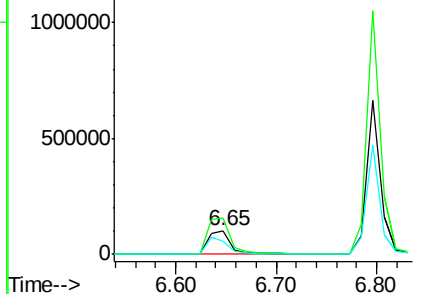
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Tgt Ion:152 Resp: 164716
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.8 190.2
 115 57.4 53.3 79.9

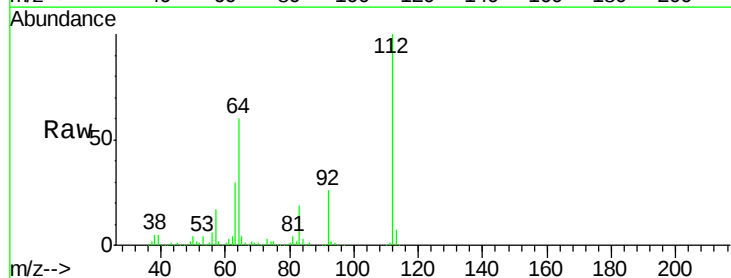


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

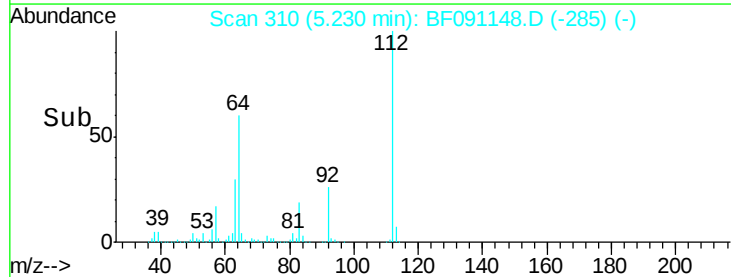
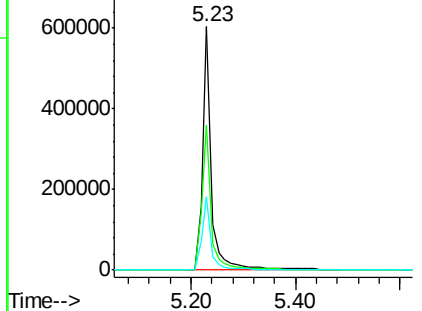


#5
 2-Fluorophenol
 Concen: 71.93 ng
 RT: 5.23 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:112 Resp: 717433
 Ion Ratio Lower Upper
 112 100
 64 59.6 55.8 83.6
 63 30.1 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: 45.40 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Instrument :

BNA_F

ClientSampleId :

MW-9R

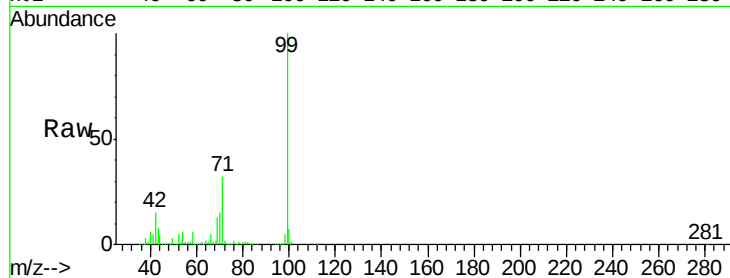
Tgt Ion: 99 Resp: 614650

Ion Ratio Lower Upper

99 100

42 15.2 13.9 20.9

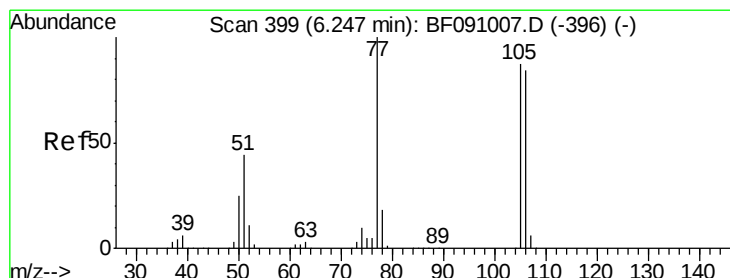
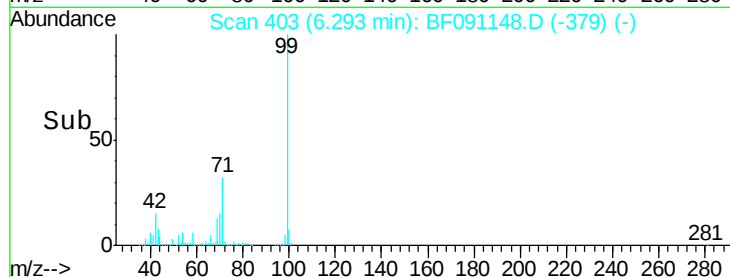
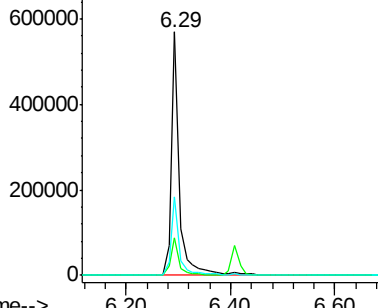
71 32.2 27.8 41.8



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: 3.75 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

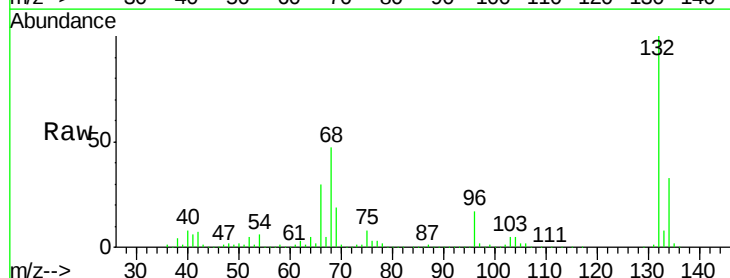
Tgt Ion: 77 Resp: 28145

Ion Ratio Lower Upper

77 100

105 76.2 66.8 106.8

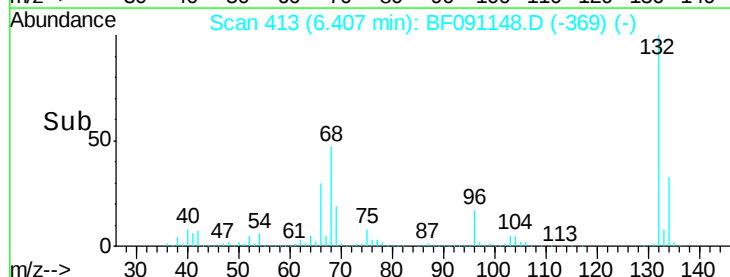
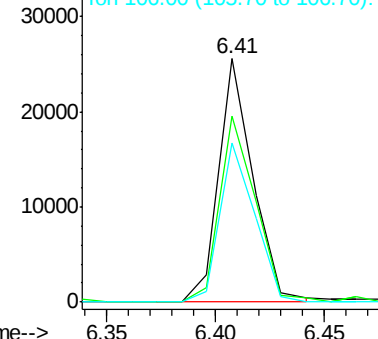
106 65.3 64.0 104.0

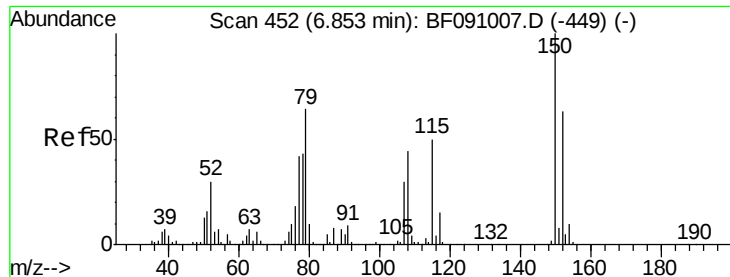


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Instrument :

BNA_F

ClientSampleId :

MW-9R

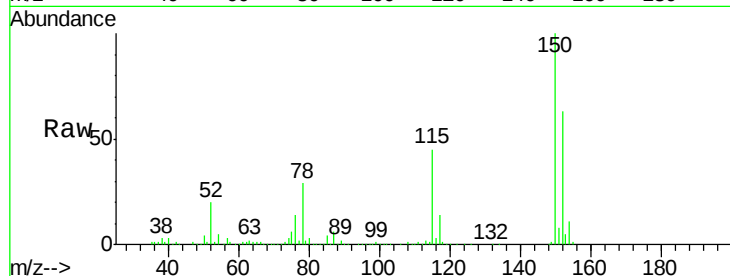
Tgt Ion: 79 Resp: 21148

Ion Ratio Lower Upper

79 100

108 29.0 55.7 83.5#

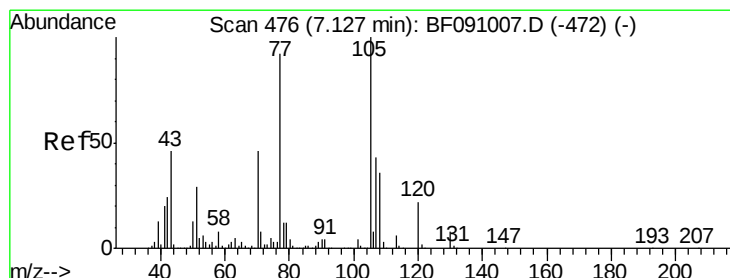
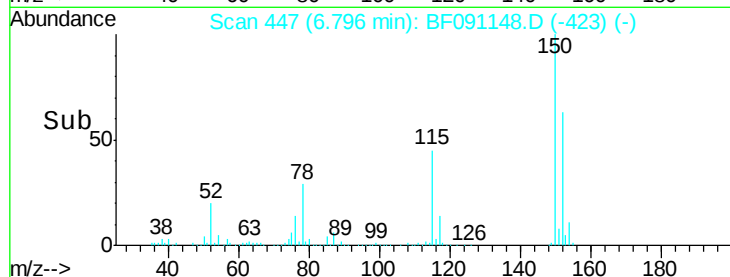
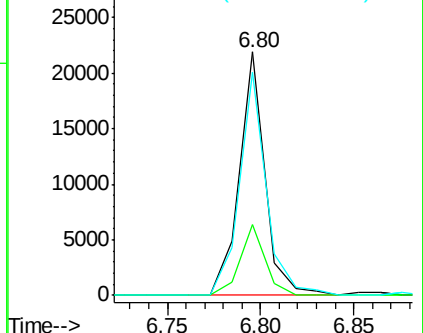
77 91.5 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.37 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.13 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Tgt Ion: 70 Resp: 200513

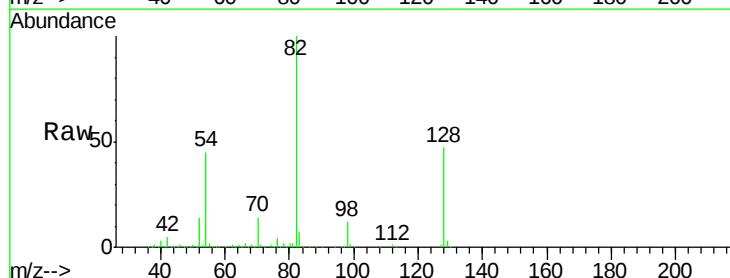
Ion Ratio Lower Upper

70 100

42 36.8 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#

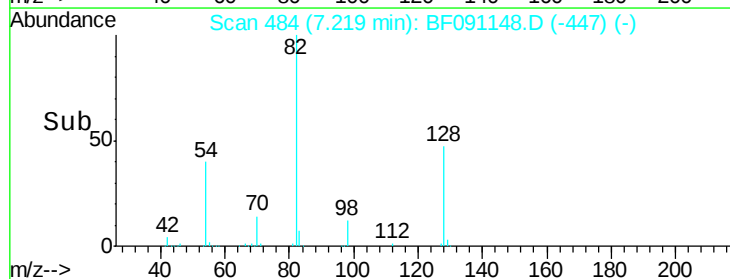
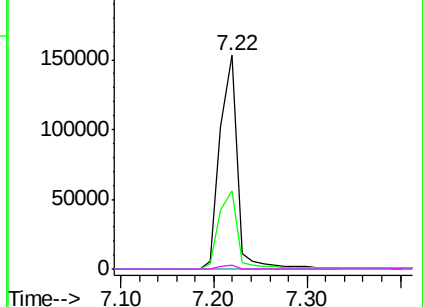


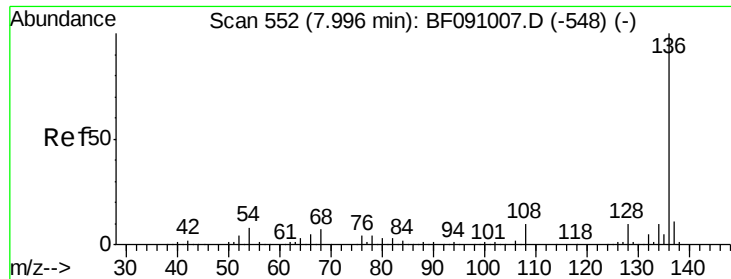
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

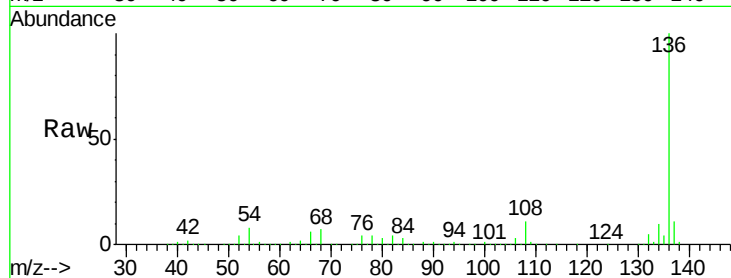




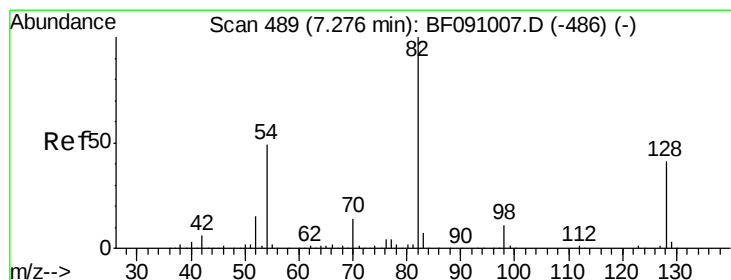
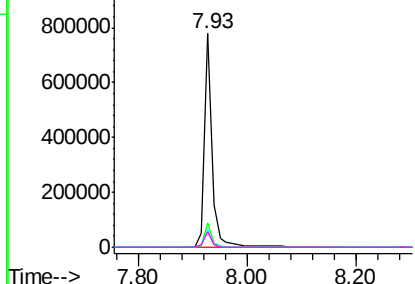
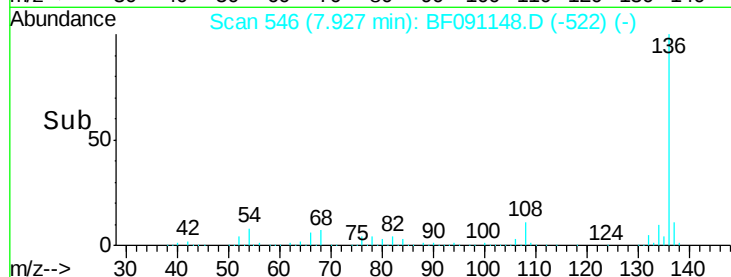
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

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MW-9R

Tgt Ion:	136	Resp:	756526
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.2	9.2
68	7.3	5.5	8.3

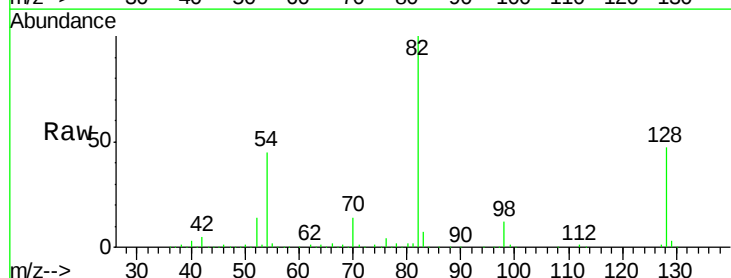


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

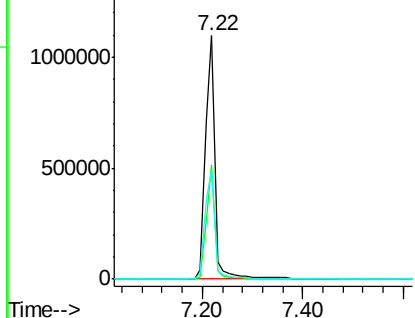
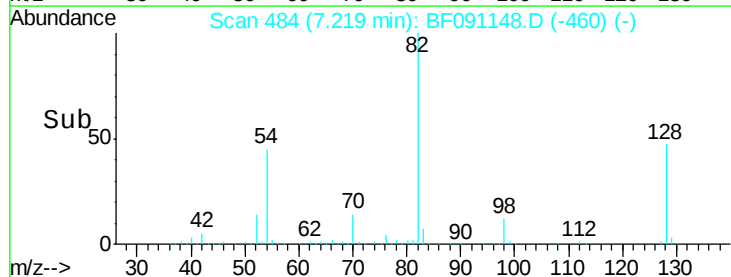


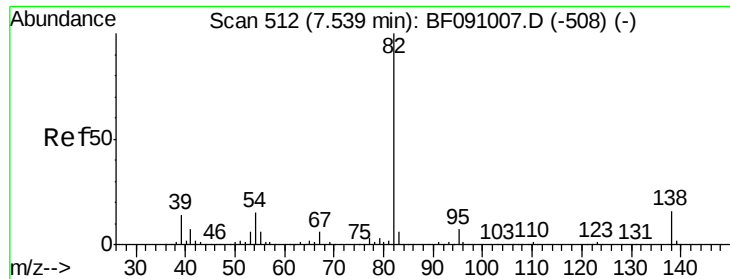
#23
Nitrobenzene-d5
Concen: 104.44 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

Tgt Ion:	82	Resp:	1448459
Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.4	48.6
54	44.7	39.2	58.8



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





#25

Isophorone

Concen: 52.47 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.27 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Instrument :

BNA_F

ClientSampled :

MW-9R

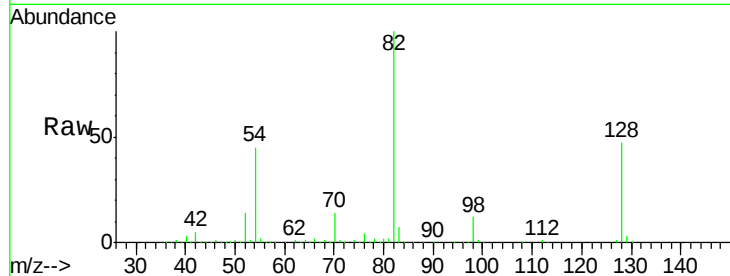
Tgt Ion: 82 Resp: 1402106

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

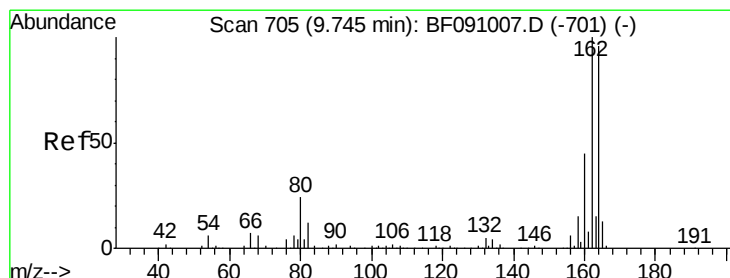
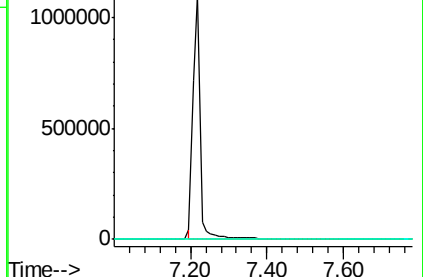
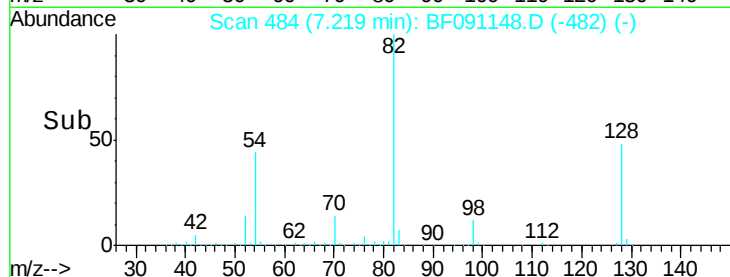
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF091148.D (-482) (-)

Ion 95.00 (94.70 to 95.70): BF091148.D (-482) (-)

Ion 138.00 (137.70 to 138.70): BF091148.D (-482) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

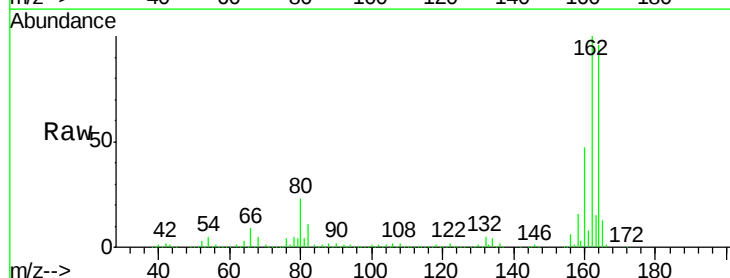
Tgt Ion: 164 Resp: 396972

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

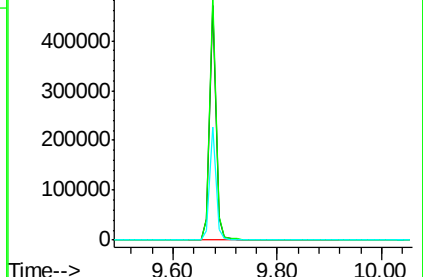
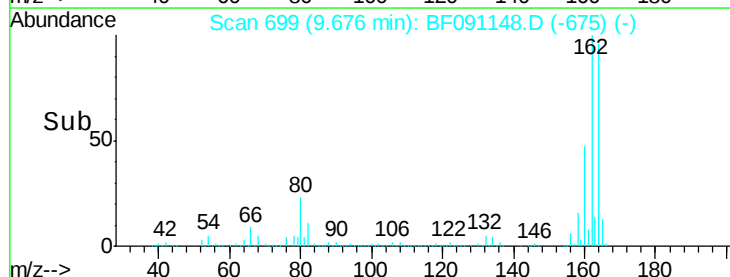
160 48.3 37.9 56.9

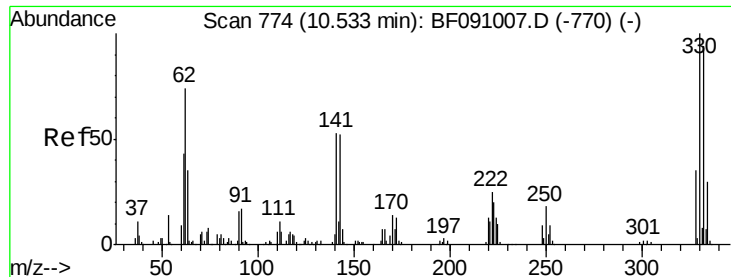


Abundance Ion 164.00 (163.70 to 164.70): BF091148.D (-675) (-)

Ion 162.00 (161.70 to 162.70): BF091148.D (-675) (-)

Ion 160.00 (159.70 to 160.70): BF091148.D (-675) (-)

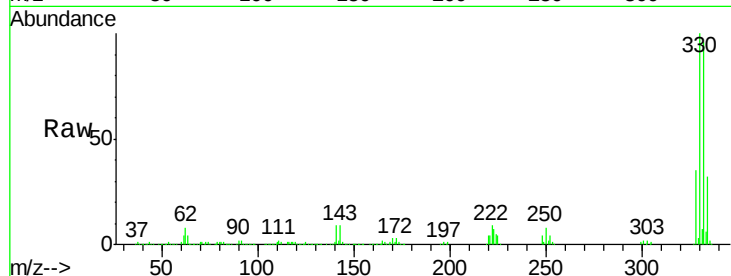




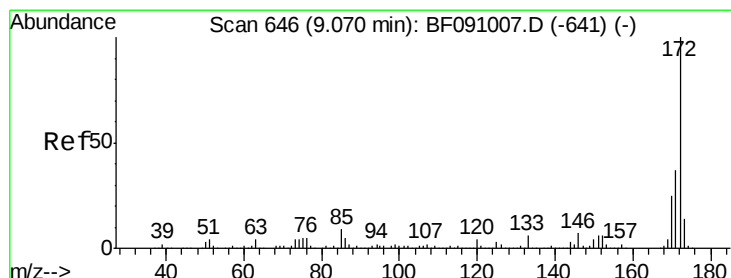
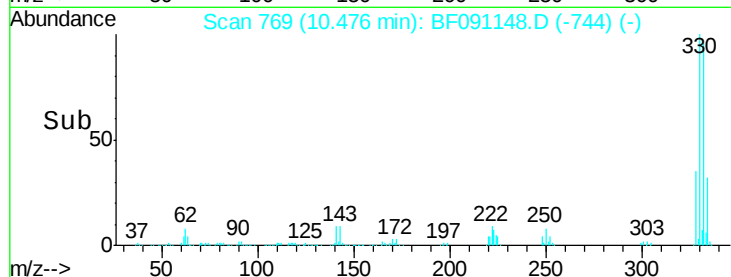
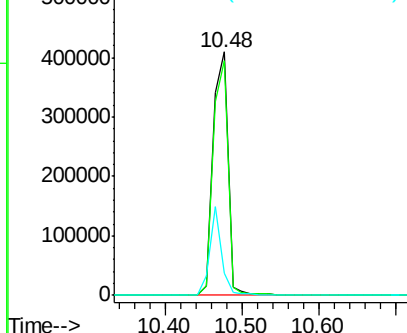
#41
 2,4,6-Tribromophenol
 Concen: 153.37 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
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 MW-9R

Tgt Ion:330 Resp: 550433
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 29.4 36.1 54.1#

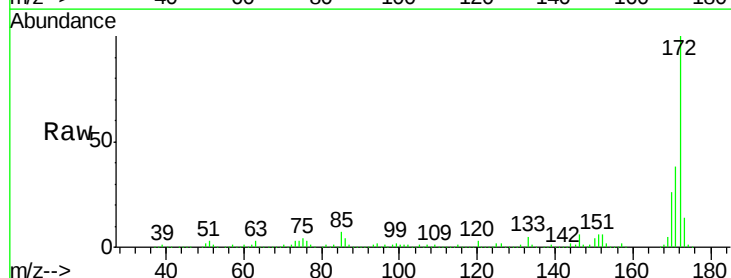


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

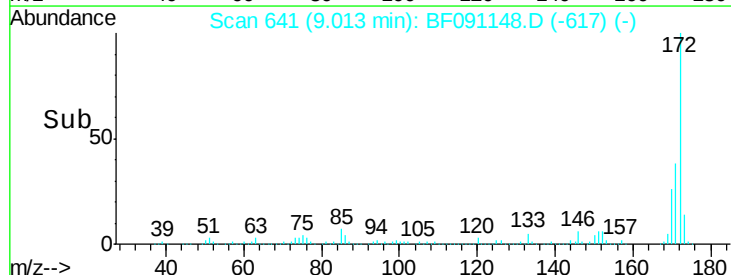
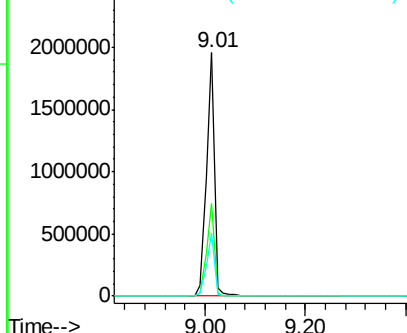


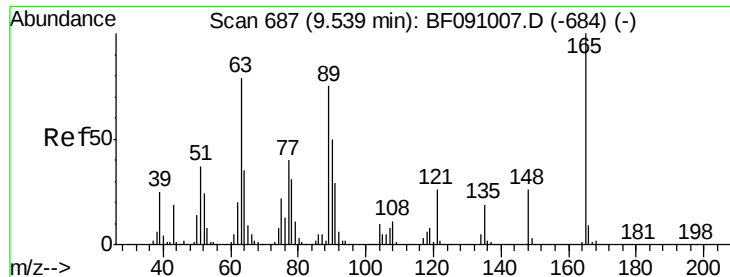
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:172 Resp: 2160211
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 26.1 20.3 30.5



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

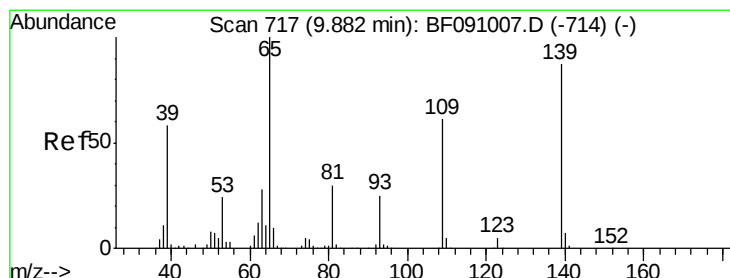
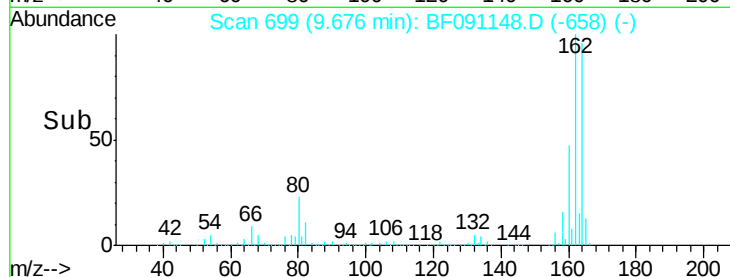
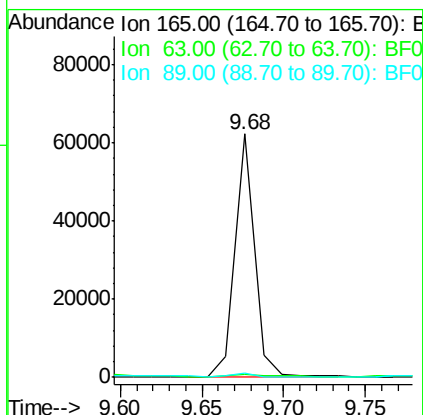
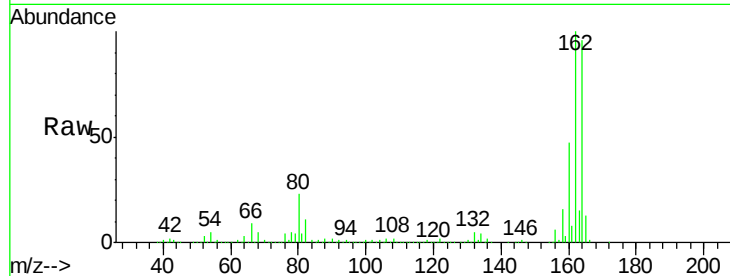




#50
 2,6-Dinitrotoluene
 Concen: 9.26 ng
 RT: 9.68 min Scan# 699
 Delta R.T. 0.17 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

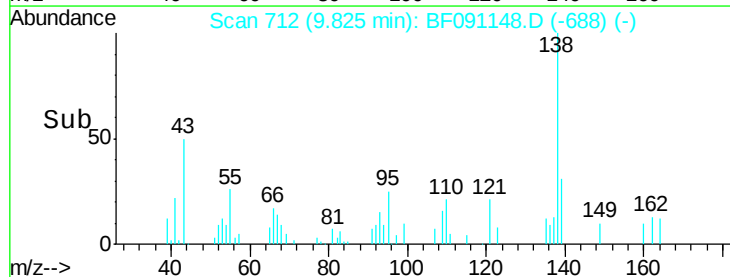
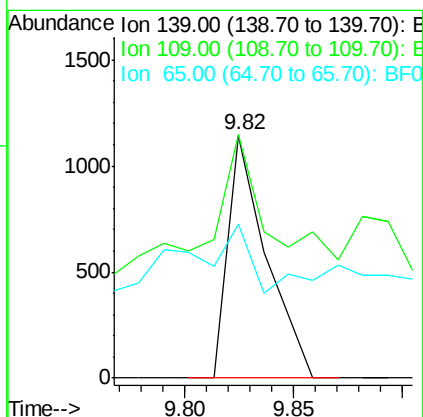
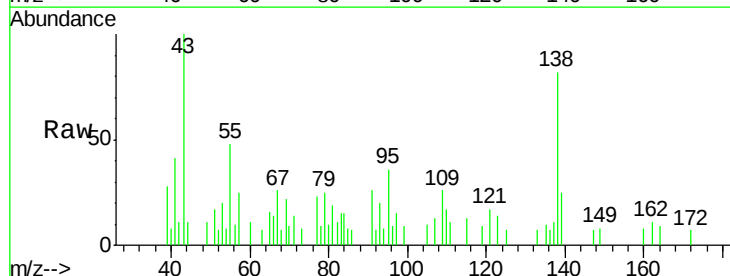
Instrument :
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 ClientSampleId :
 MW-9R

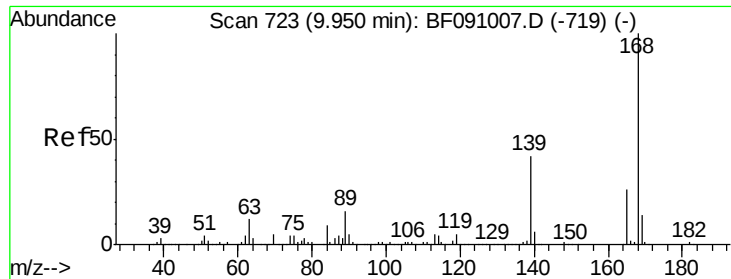
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	65.6	98.4#
89	1.5	59.8	89.6#



#55
 4-Nitrophenol
 Concen: 6.03 ng
 RT: 9.82 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.3	50.5	90.5#
65	63.3	97.1	137.1#

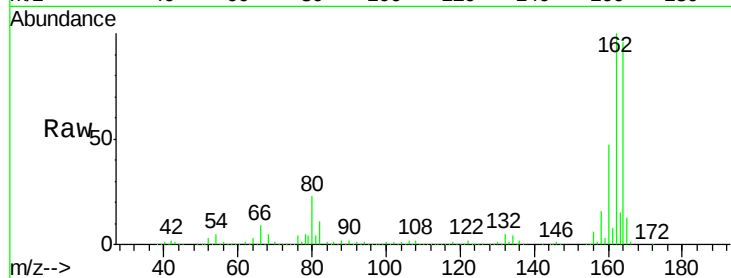




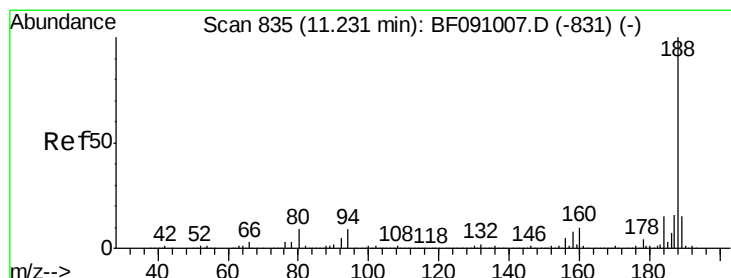
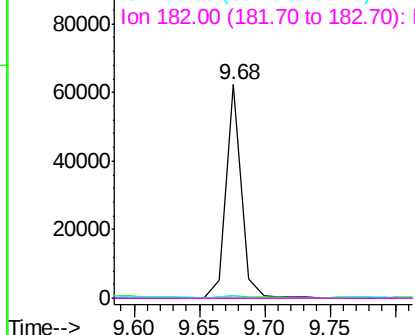
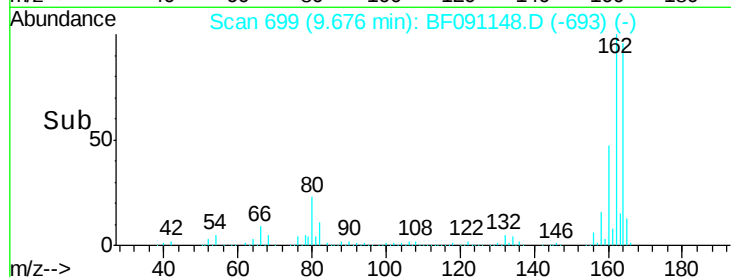
#56
 2,4-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.23 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Tgt Ion:165 Resp: 51655
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.7 58.1#
 89 1.5 50.6 76.0#
 182 0.0 1.8 2.8#

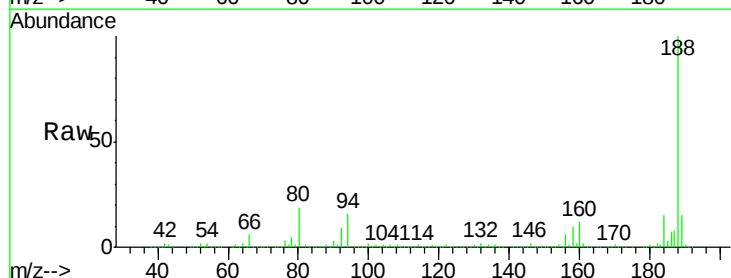


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:188 Resp: 563661
 Ion Ratio Lower Upper
 188 100
 94 16.1 7.0 10.4#
 80 18.6 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

