

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091159.D
 Acq On : 11 Nov 2016 23:58
 Operator : UM/SJ
 Sample : H5583-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104EFFLUENT

Quant Time: Nov 12 00:53:30 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

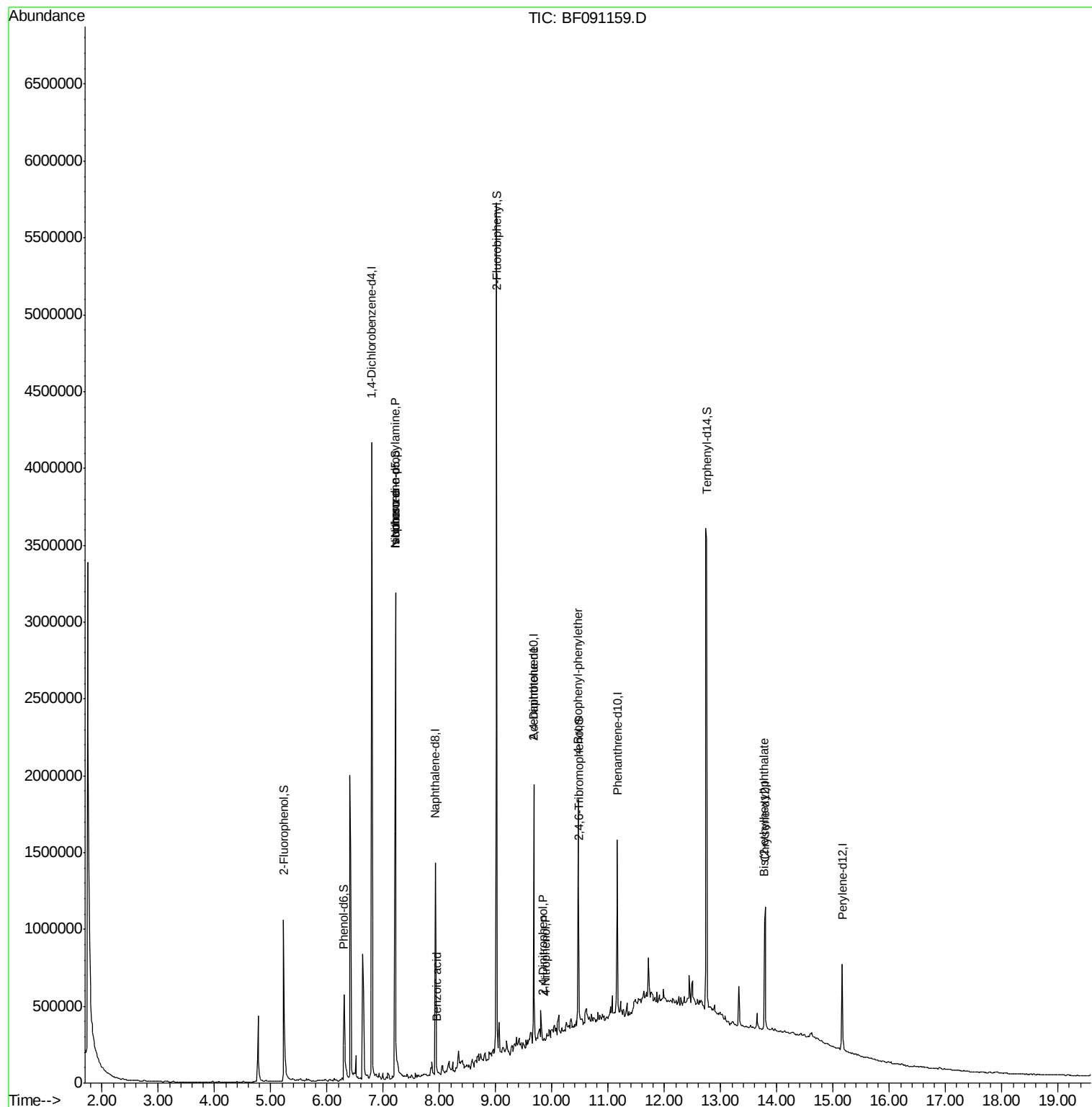
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	684151	20.00	ng	0.14
21) Naphthalene-d8	7.93	136	661820	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	340911	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	536921	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	352572	20.00	ng	-0.02
86) Perylene-d12	15.16	264	317298	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	393345	9.50	ng	-0.01
7) Phenol-d6	6.30	99	320585	5.70	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1336330	110.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	273493	88.74	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1902119	96.06	ng	-0.02
78) Terphenyl-d14	12.75	244	1561993	110.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	193832	4.97	ng	# 76
25) Isophorone	7.22	82	1293305	55.32	ng	# 67
32) Benzoic acid	7.95	122	557	5.14	ng	# 20
53) 2,4-Dinitrophenol	9.84	184	375	6.39	ng	# 1
55) 4-Nitrophenol	9.88	139	880	5.95	ng	# 1
56) 2,4-Dinitrotoluene	9.68	165	45202	7.42	ng	# 29
66) 4-Bromophenyl-phenylether	10.46	248	16976	3.04	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.78	149	57568	3.85	ng	100

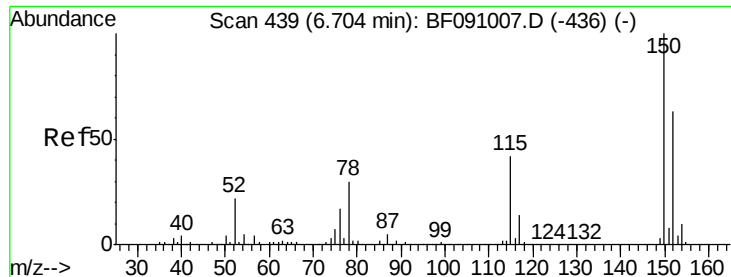
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Instrument :

BNA_F

ClientSampleId :

MW-104EFFLUENT

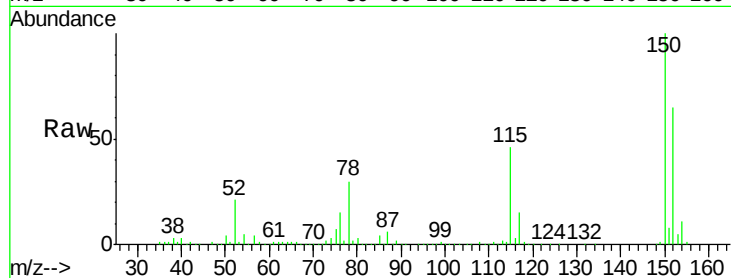
Tgt Ion:152 Resp: 684151

Ion Ratio Lower Upper

152 100

150 154.9 126.8 190.2

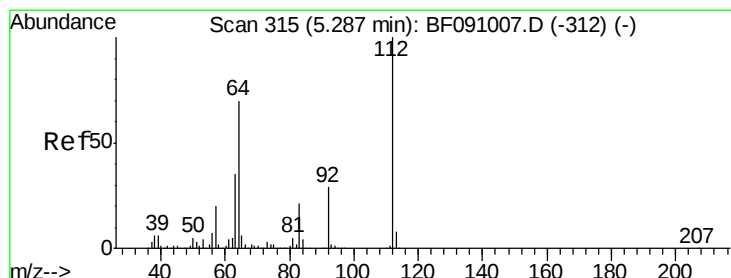
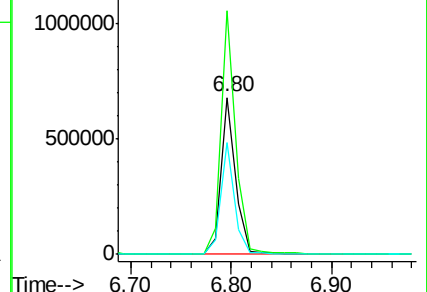
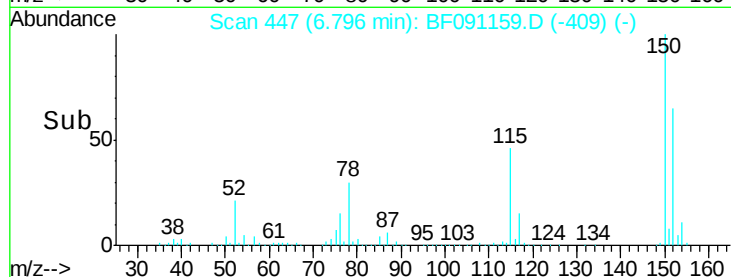
115 71.2 53.3 79.9



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: 9.50 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

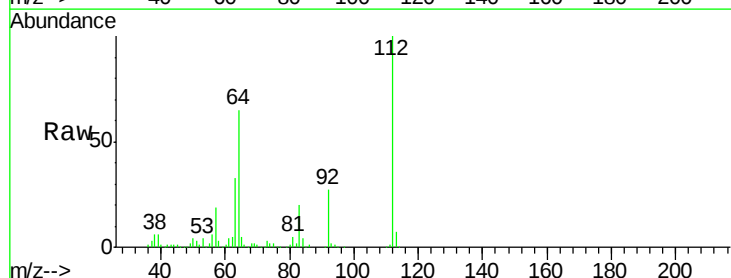
Tgt Ion:112 Resp: 393345

Ion Ratio Lower Upper

112 100

64 65.4 55.8 83.6

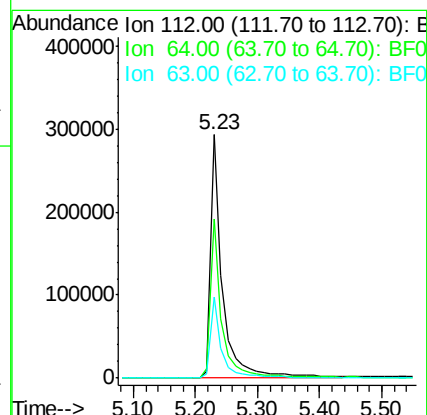
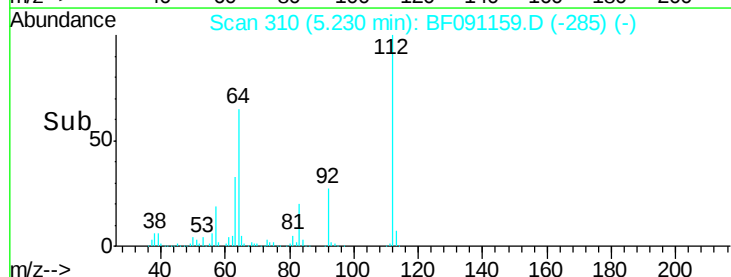
63 33.4 28.0 42.0

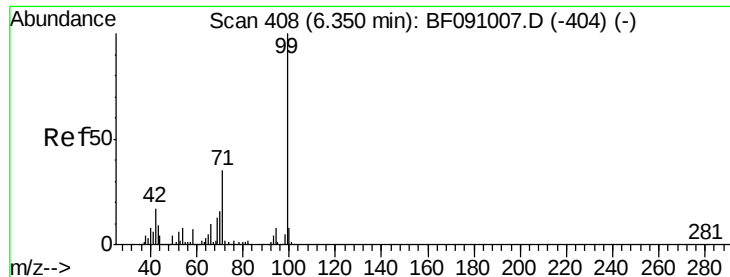


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.70 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Instrument :

BNA_F

ClientSampleId :

MW-104EFFLUENT

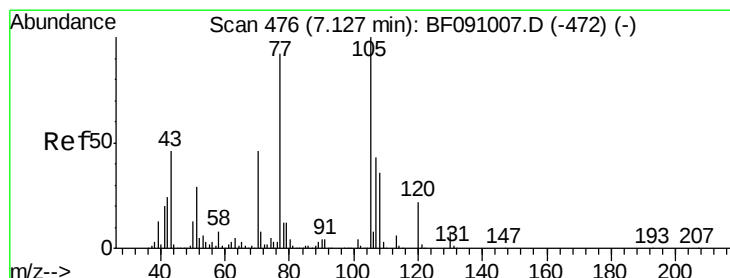
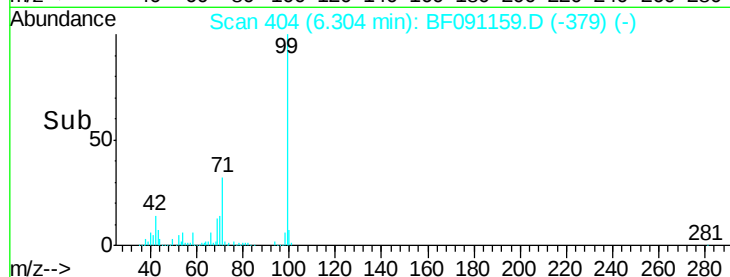
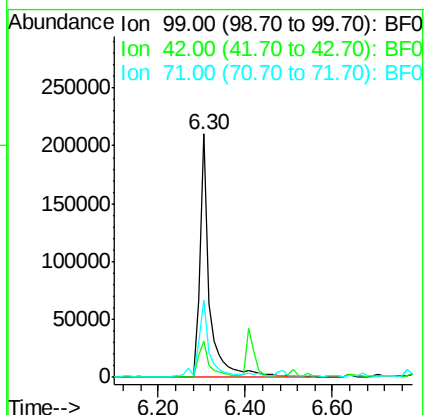
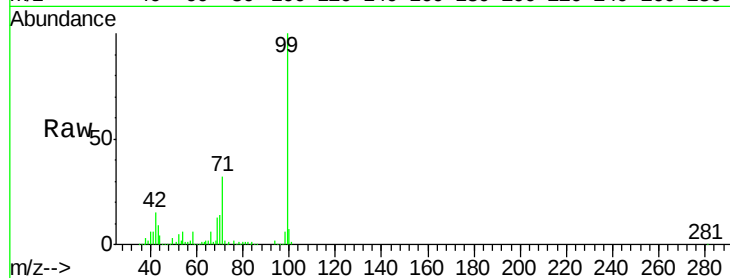
Tgt Ion: 99 Resp: 320585

Ion Ratio Lower Upper

99 100

42 14.7 13.9 20.9

71 31.9 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 4.97 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.13 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Tgt Ion: 70 Resp: 193832

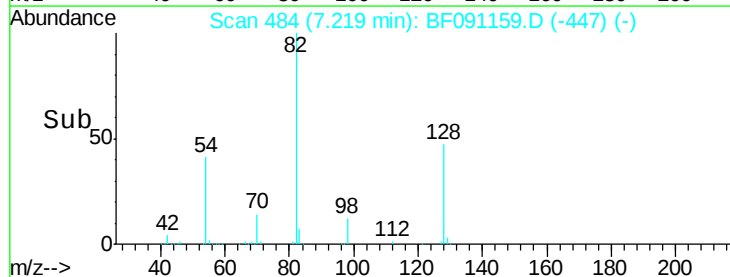
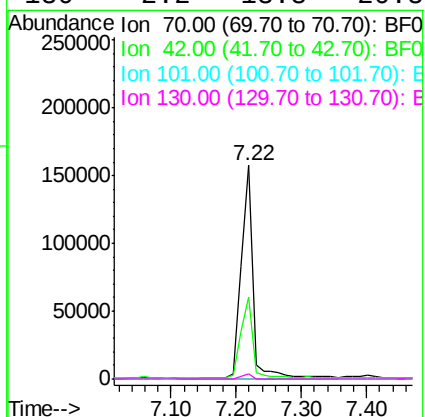
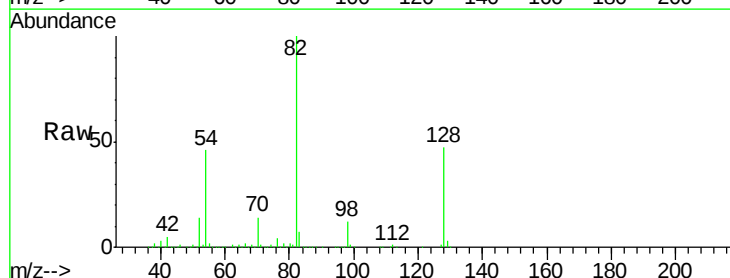
Ion Ratio Lower Upper

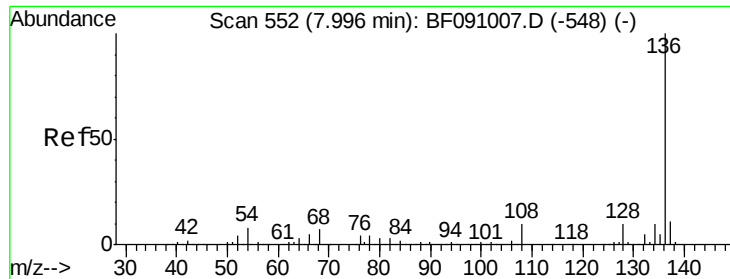
70 100

42 38.1 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

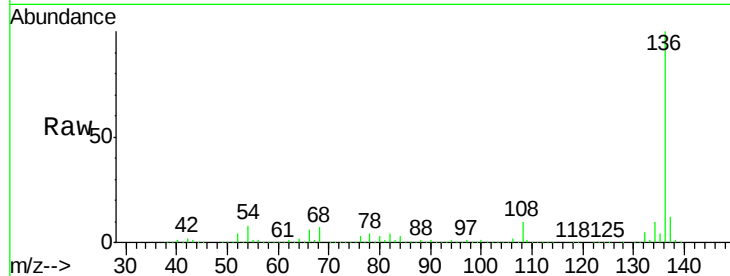




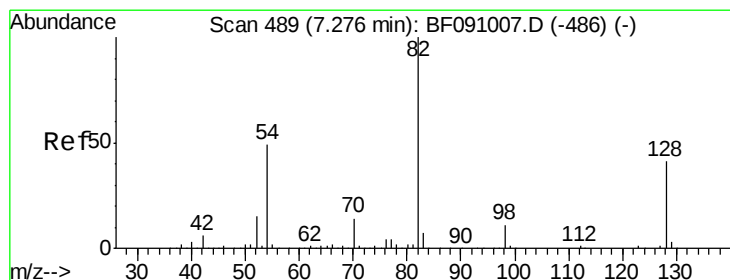
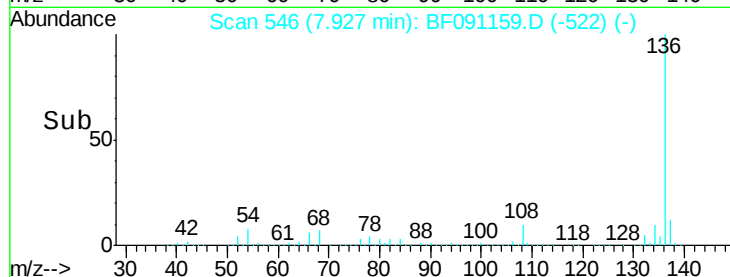
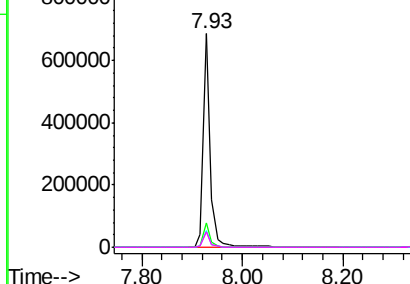
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091159.D
Acq: 11 Nov 2016 23:58

Instrument :
BNA_F
ClientSampleId :
MW-104EFFLUENT

Tgt Ion:	136	Resp:	661820
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.6	6.2	9.2
68	7.0	5.5	8.3

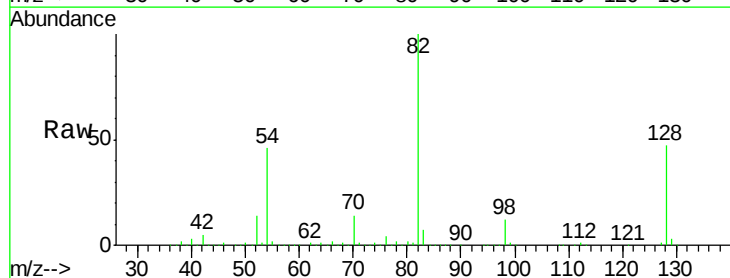


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

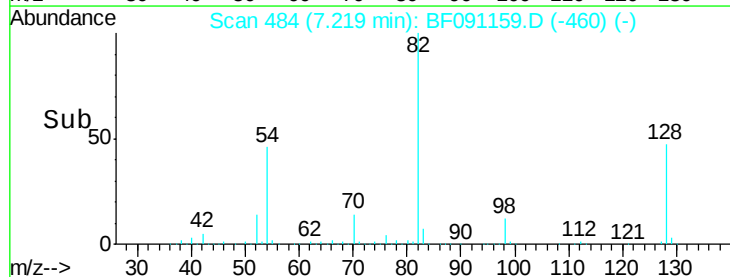
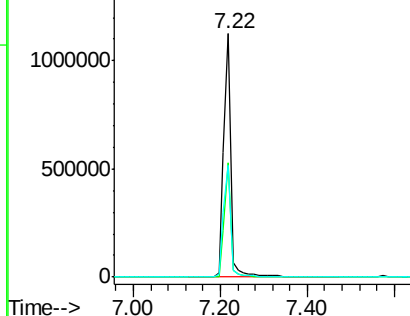


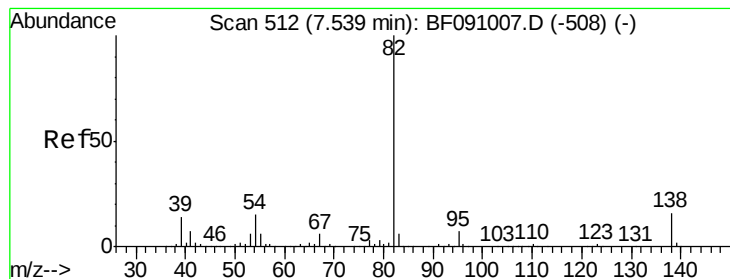
#23
Nitrobenzene-d5
Concen: 110.15 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091159.D
Acq: 11 Nov 2016 23:58

Tgt Ion:	82	Resp:	1336330
Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.4	48.6
54	46.0	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: 55.32 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.27 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Instrument :

BNA_F

ClientSampleId :

MW-104EFFLUENT

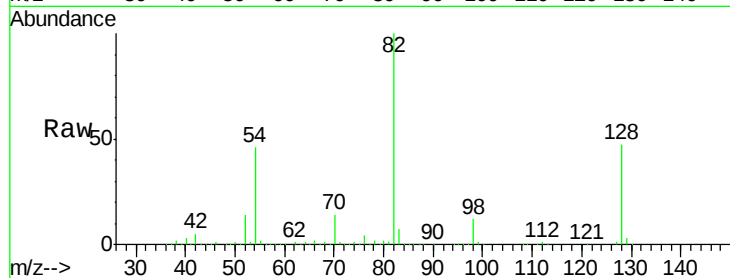
Tgt Ion: 82 Resp: 1293305

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

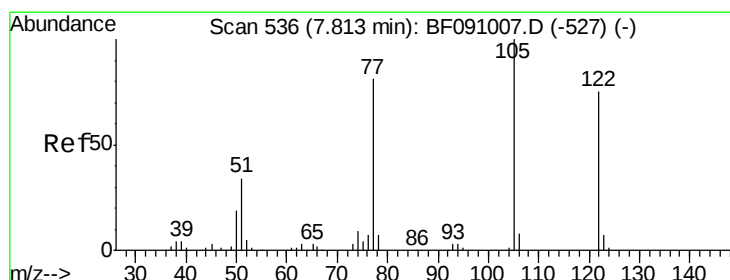
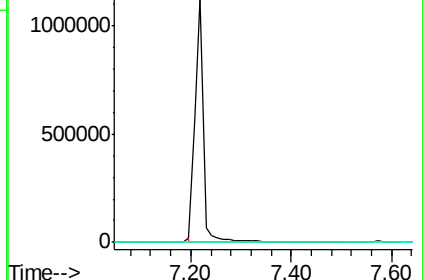
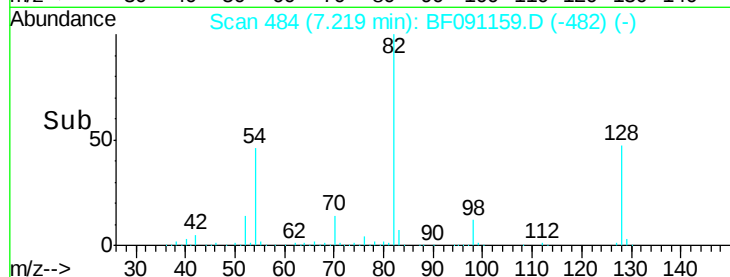
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.14 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.17 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

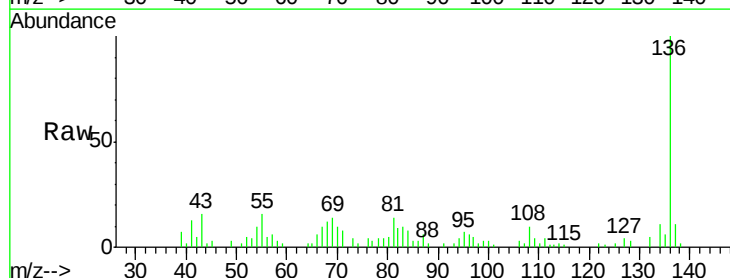
Tgt Ion: 122 Resp: 557

Ion Ratio Lower Upper

122 100

105 0.0 105.9 145.9#

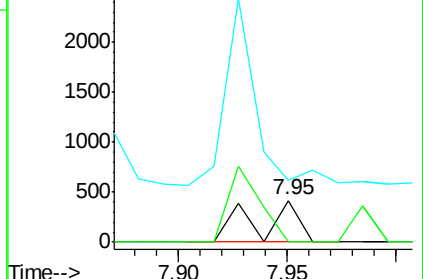
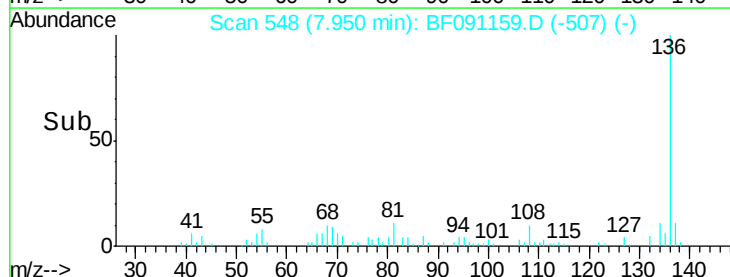
77 148.4 84.0 124.0#

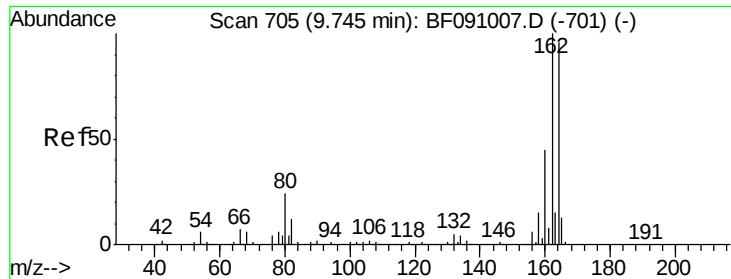


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Instrument :

BNA_F

ClientSampleId :

MW-104EFFLUENT

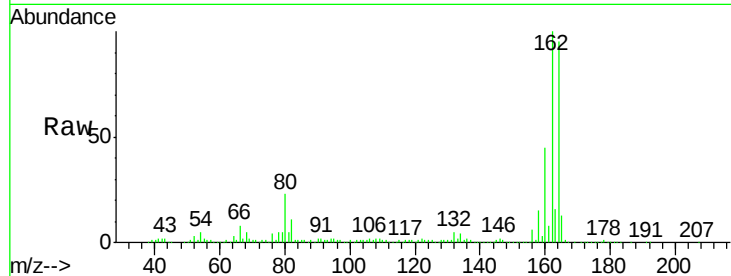
Tgt Ion:164 Resp: 340911

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

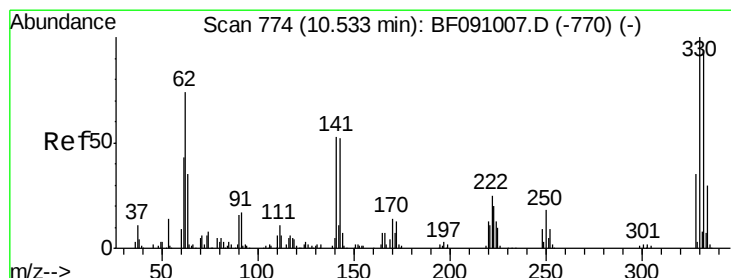
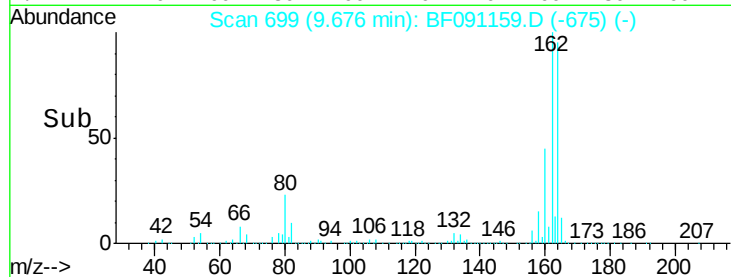
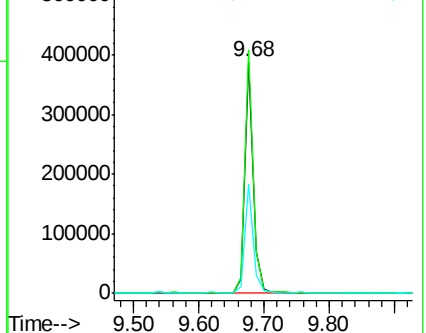
160 47.5 37.9 56.9



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: 88.74 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

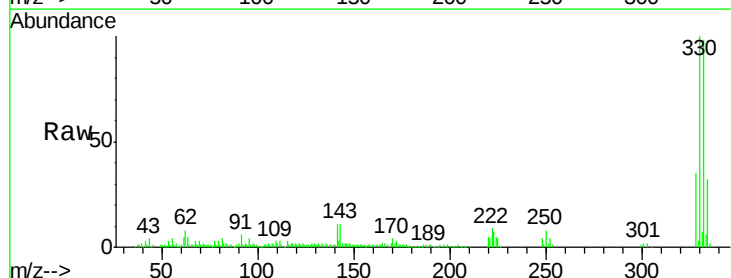
Tgt Ion:330 Resp: 273493

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

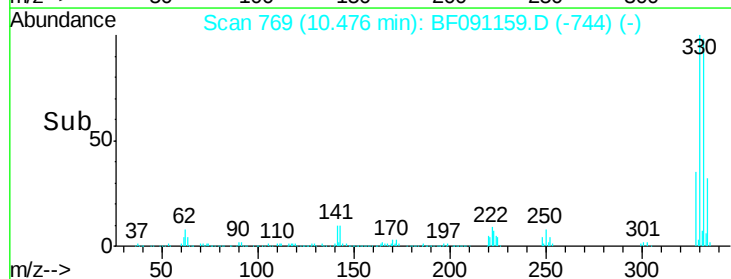
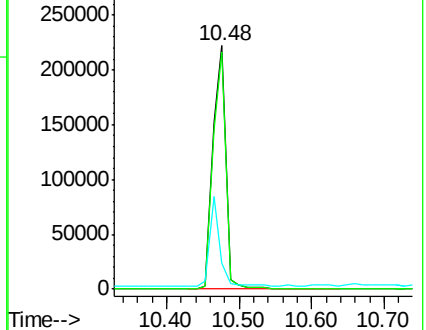
141 29.5 36.1 54.1#

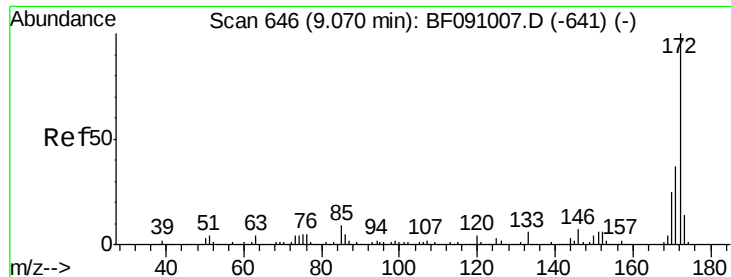


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

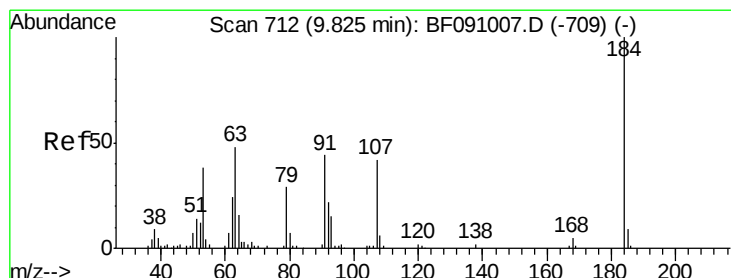
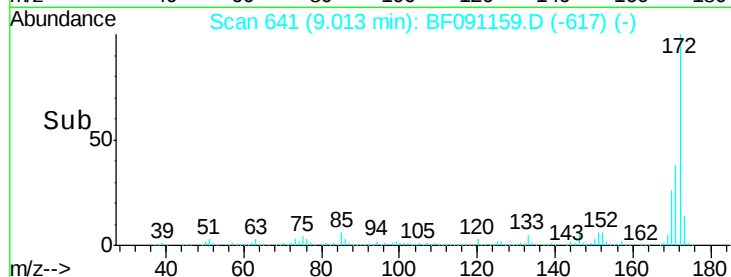
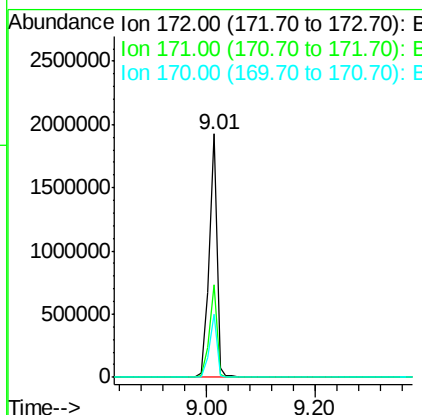
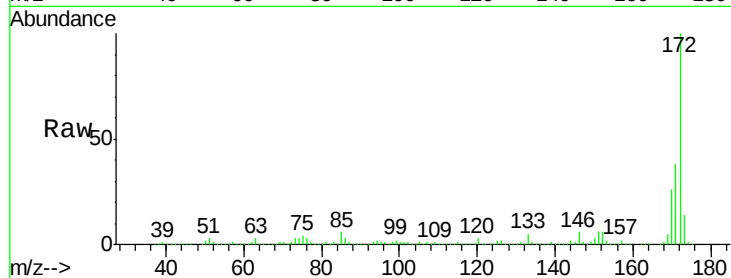




#44
 2-Fluorobiphenyl
 Concen: 96.06 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091159.D
 Acq: 11 Nov 2016 23:58

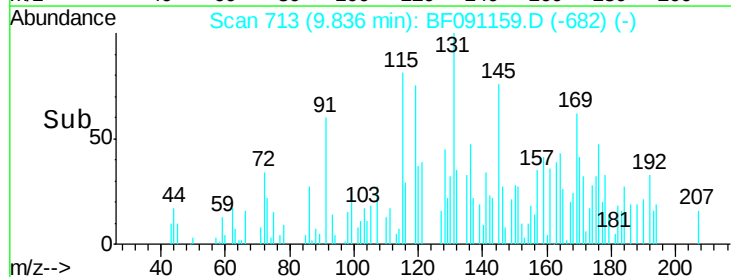
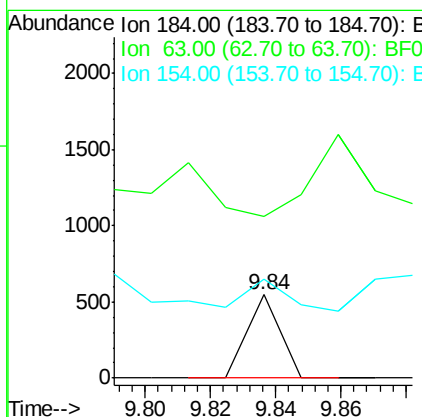
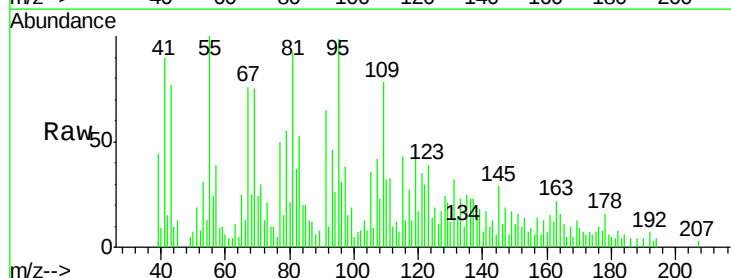
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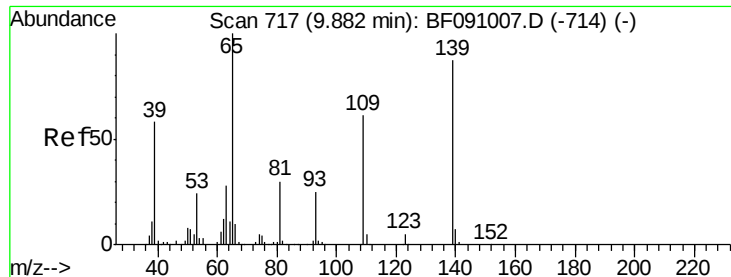
Tgt Ion:172 Resp: 1902119
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 26.0 20.3 30.5



#53
 2,4-Dinitrophenol
 Concen: 6.39 ng
 RT: 9.84 min Scan# 713
 Delta R.T. 0.06 min
 Lab File: BF091159.D
 Acq: 11 Nov 2016 23:58

Tgt Ion:184 Resp: 375
 Ion Ratio Lower Upper
 184 100
 63 194.0 45.5 68.3#
 154 118.8 51.0 76.4#





#55

4-Nitrophenol

Concen: 5.95 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.03 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Instrument :

BNA_F

ClientSampleId :

MW-104EFFLUENT

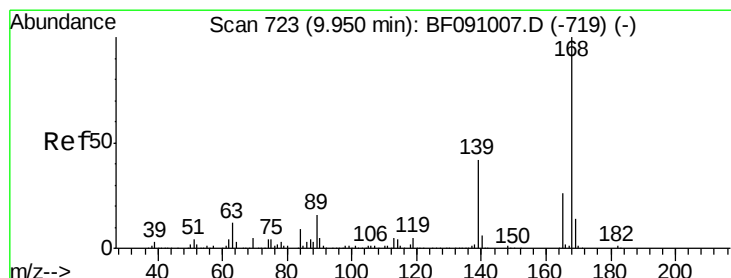
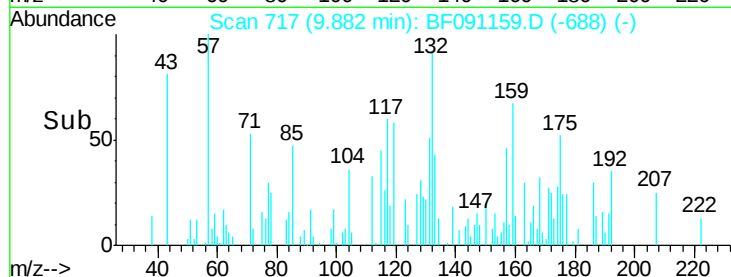
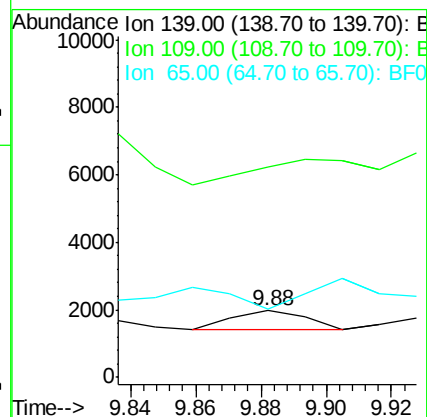
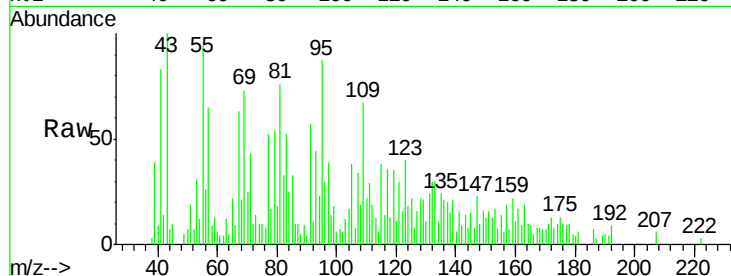
Tgt Ion:139 Resp: 880

Ion Ratio Lower Upper

139 100

109 314.7 50.5 90.5#

65 101.2 97.1 137.1



#56

2,4-Dinitrotoluene

Concen: 7.42 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.23 min

Lab File: BF091159.D

Acq: 11 Nov 2016 23:58

Tgt Ion:165 Resp: 45202

Ion Ratio Lower Upper

165 100

63 3.4 38.7 58.1#

89 3.1 50.6 76.0#

182 0.6 1.8 2.8#

