

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091363.D
 Acq On : 30 Nov 2016 19:19
 Operator : UM/SJ
 Sample : H5779-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-U-B

Quant Time: Dec 01 00:17:40 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

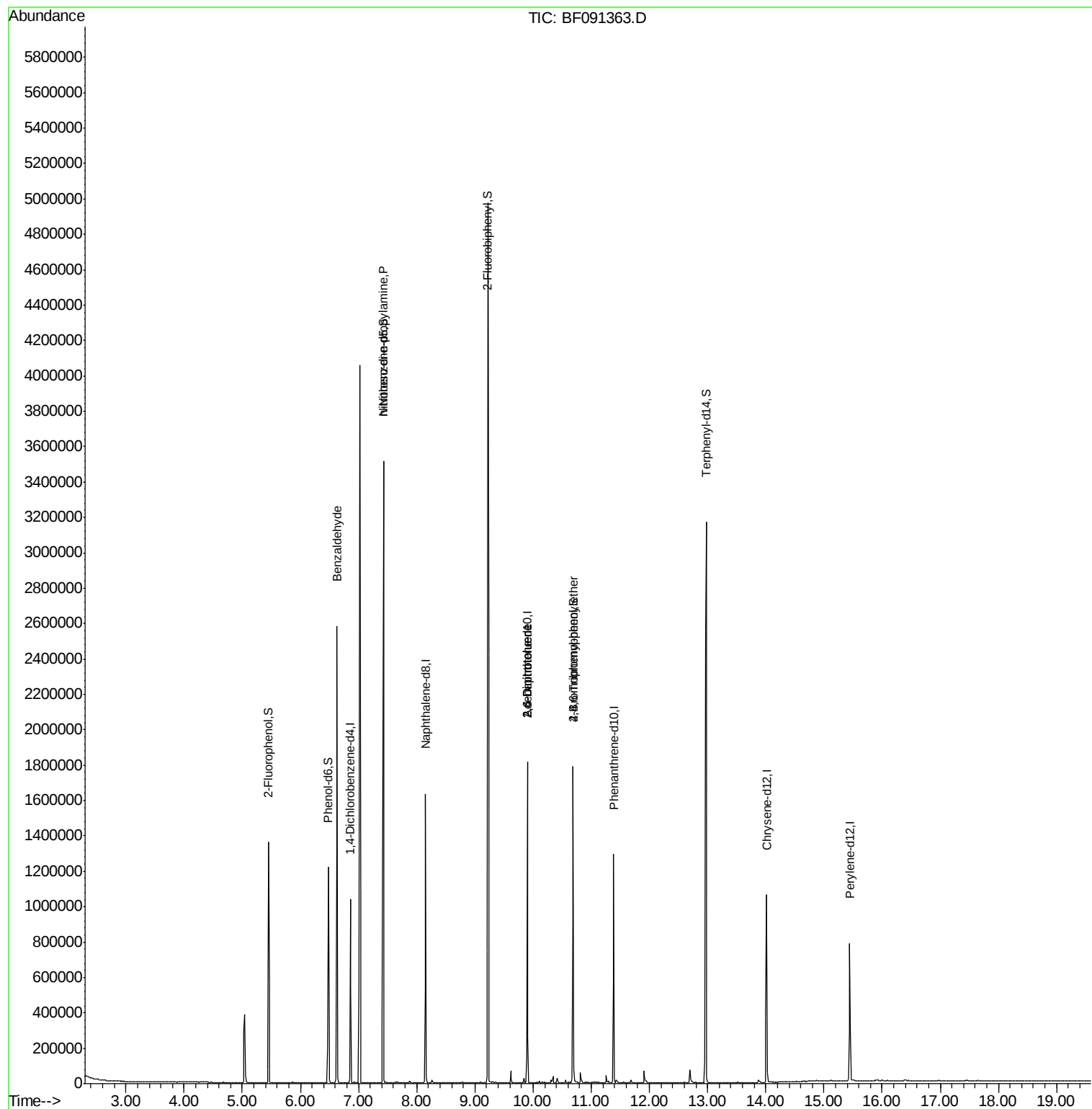
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175978	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	733254	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	370034	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	540558	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	402973	20.00	ng	-0.03
86) Perylene-d12	15.44	264	372315	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	361098	33.52	ng	-0.02
7) Phenol-d6	6.48	99	340167	25.65	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1265380	96.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	251958	71.92	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1937483	94.80	ng	-0.02
78) Terphenyl-d14	12.97	244	1465245	79.03	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	17895	2.10	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.43	70	174021	20.83	ng	# 68
50) 2,6-Dinitrotoluene	9.90	165	48620	9.71	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	48622	7.48	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	16819	2.89	ng	# 1

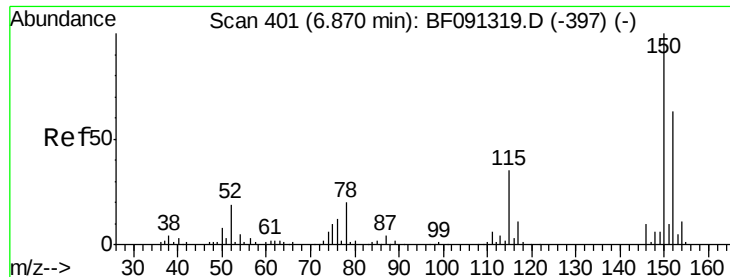
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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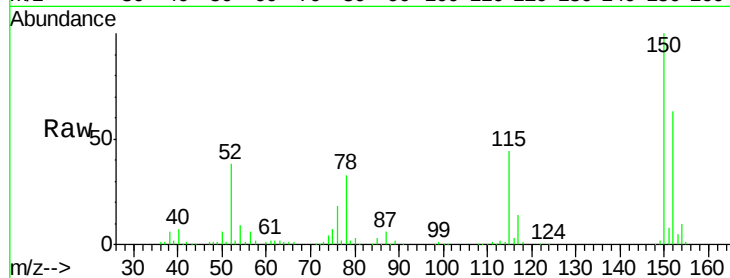
Tgt Ion:152 Resp: 175978

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

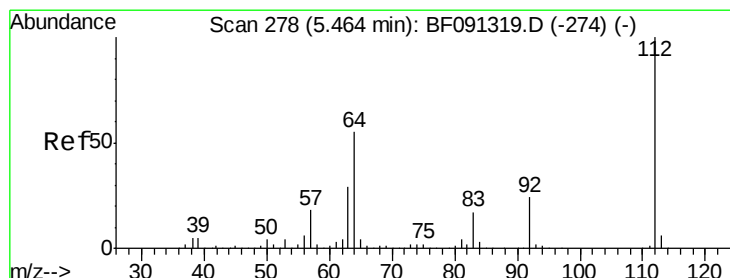
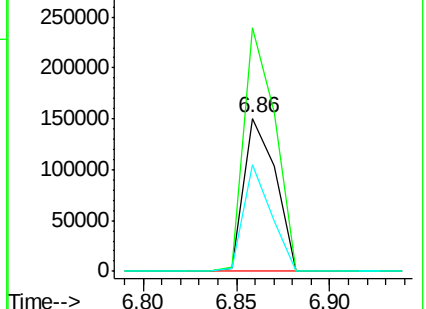
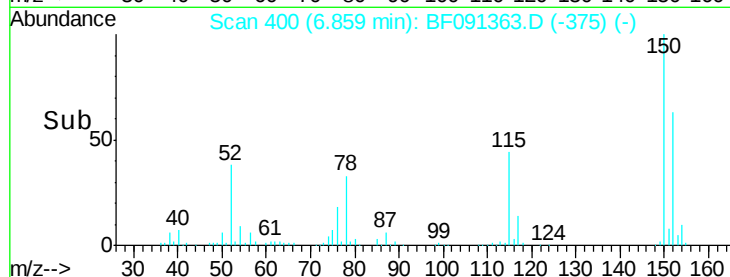
115 69.8 51.8 77.8



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: 33.52 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091363.D

Acq: 30 Nov 2016 19:19

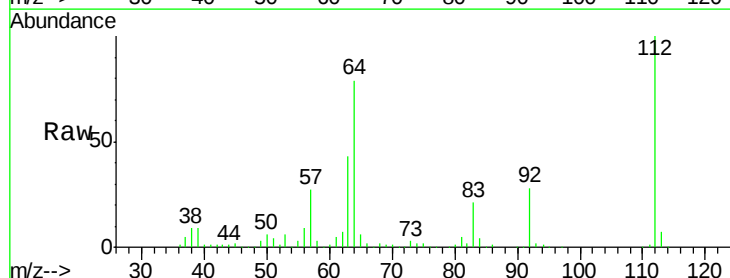
Tgt Ion:112 Resp: 361098

Ion Ratio Lower Upper

112 100

64 79.0 61.5 92.3

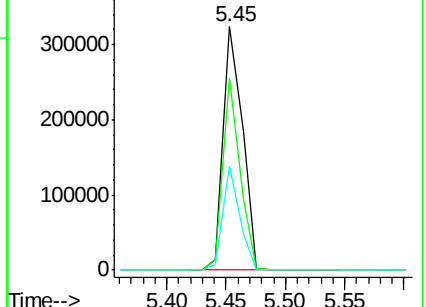
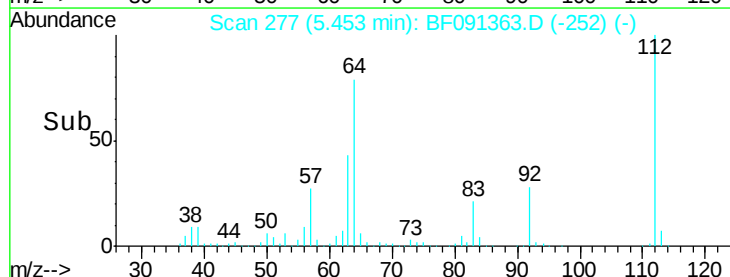
63 42.8 33.3 49.9

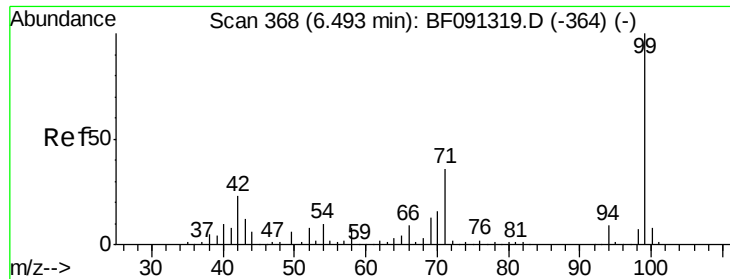


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.65 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091363.D

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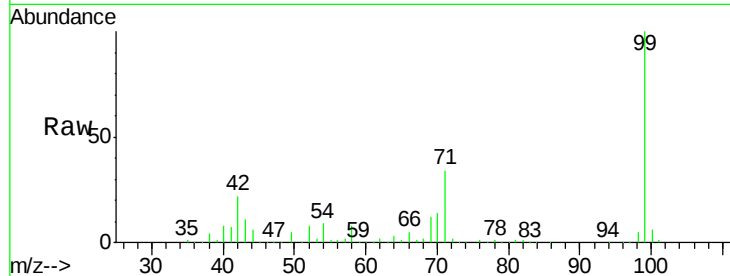
Tgt Ion: 99 Resp: 340167

Ion Ratio Lower Upper

99 100

42 21.6 20.6 31.0

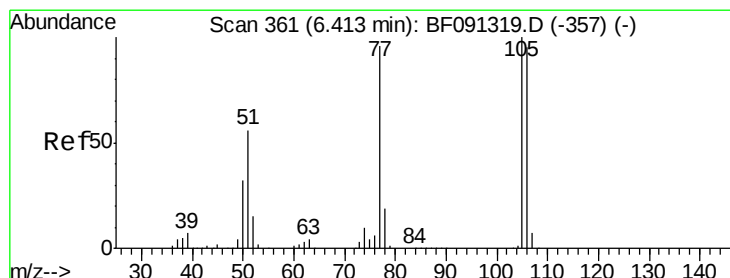
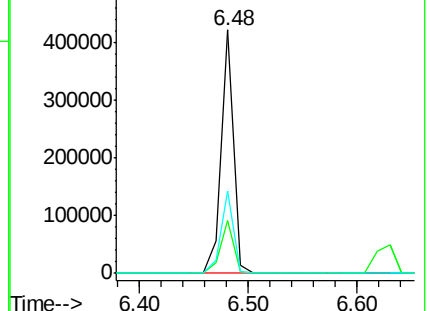
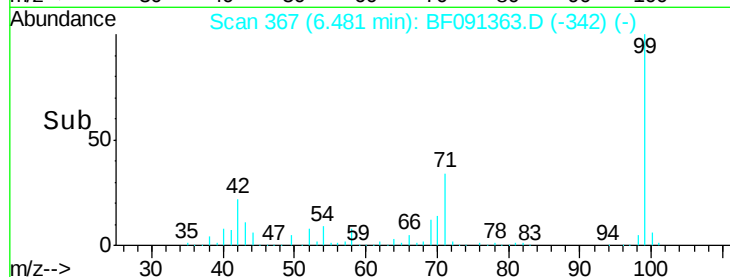
71 33.7 29.9 44.9



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: 2.10 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091363.D

Acq: 30 Nov 2016 19:19

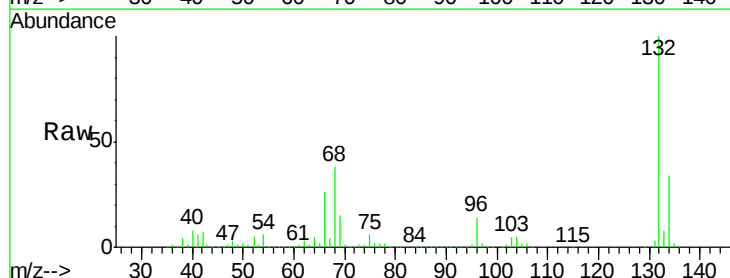
Tgt Ion: 77 Resp: 17895

Ion Ratio Lower Upper

77 100

105 82.4 66.4 106.4

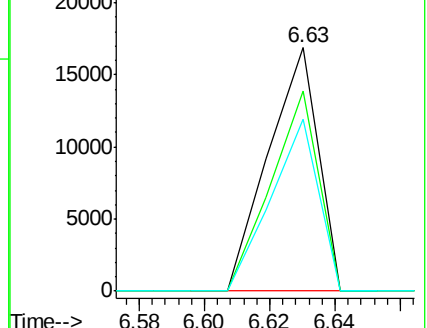
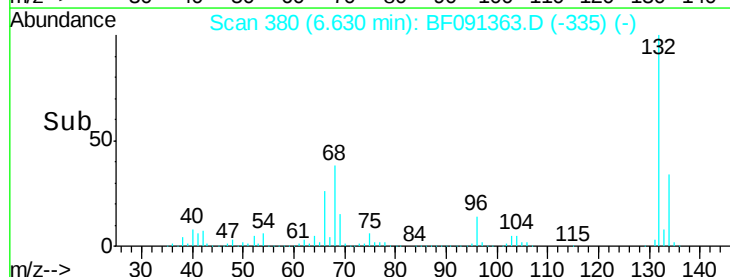
106 70.5 60.9 100.9

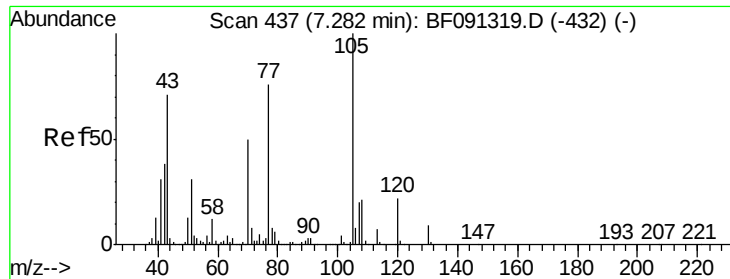


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

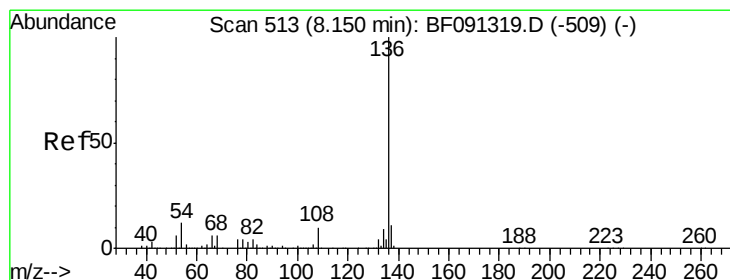
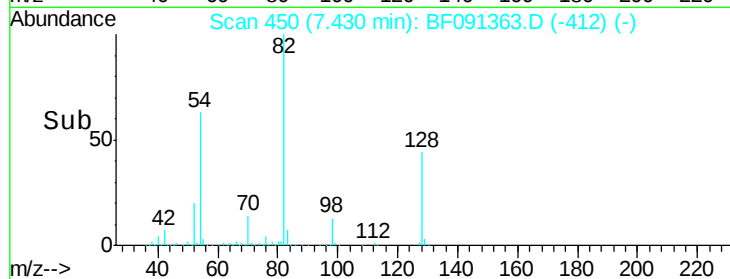
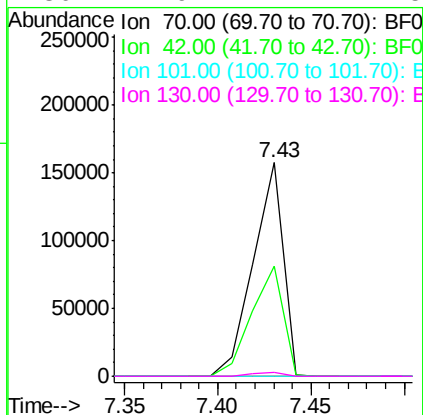
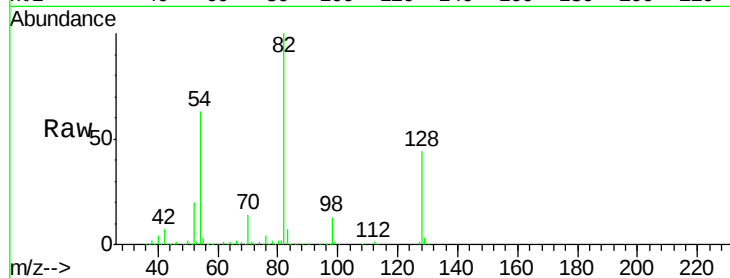




#19
n-Nitroso-di-n-propylamine
Concen: 20.83 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091363.D
Acq: 30 Nov 2016 19:19

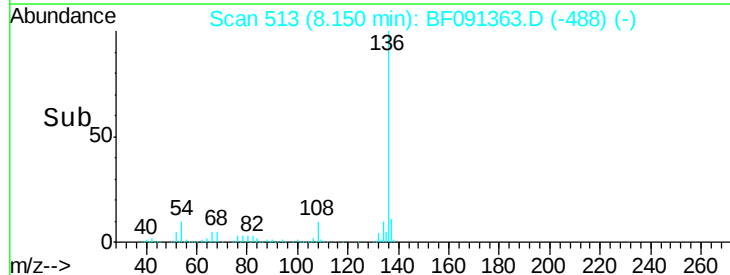
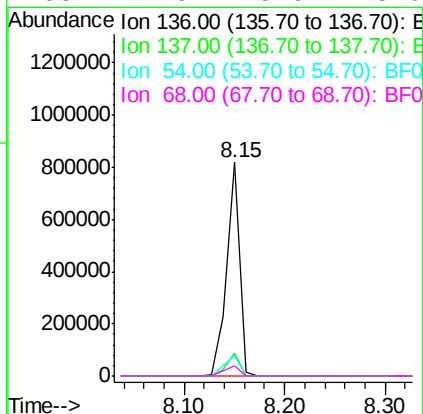
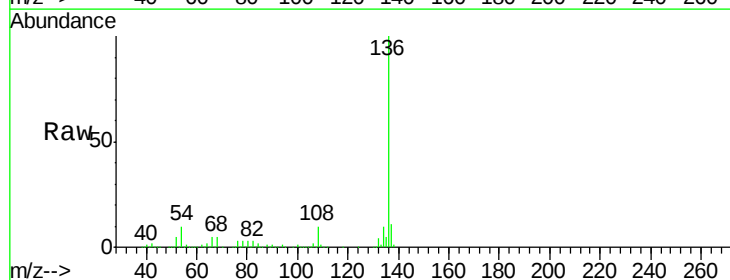
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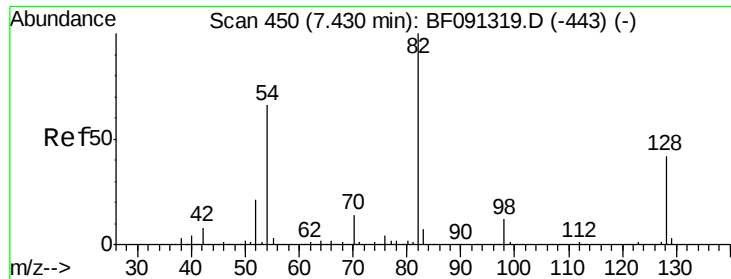
Tgt Ion: 70 Resp: 174021
Ion Ratio Lower Upper
70 100
42 51.8 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091363.D
Acq: 30 Nov 2016 19:19

Tgt Ion: 136 Resp: 733254
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.5 9.1 13.7
68 4.9 5.9 8.9#

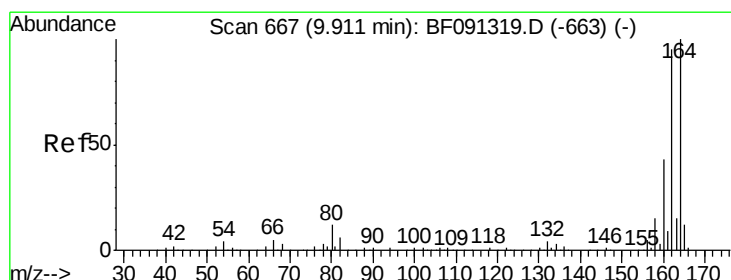
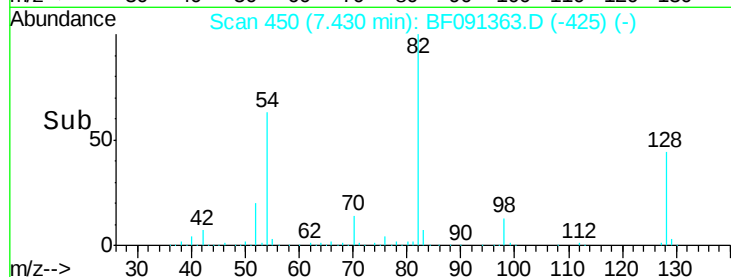
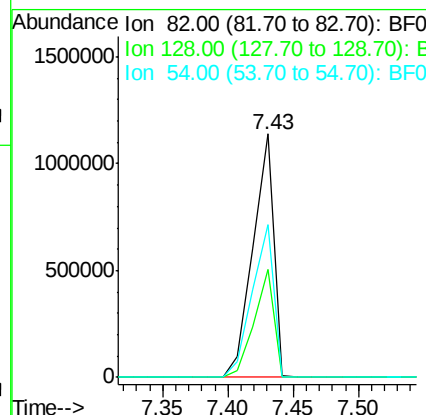
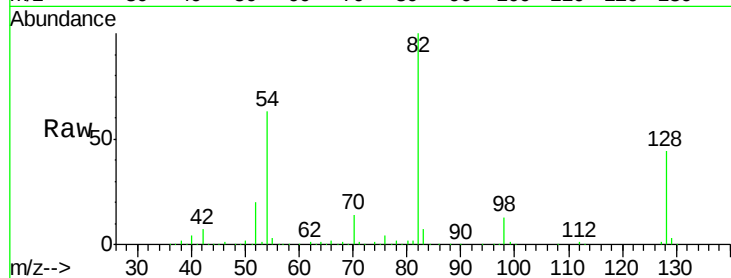




#23
 Nitrobenzene-d5
 Concen: 96.71 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091363.D
 Acq: 30 Nov 2016 19:19

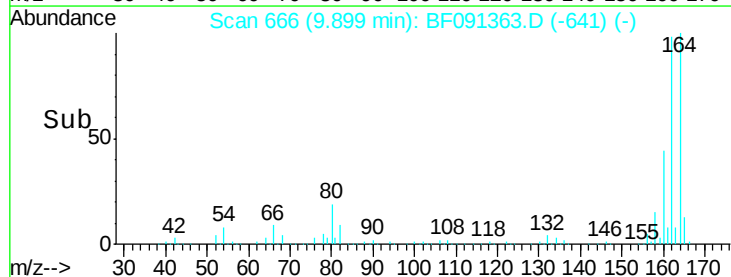
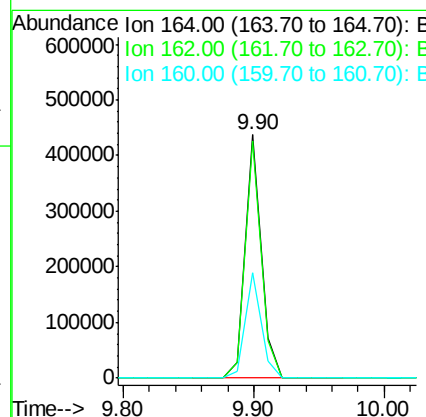
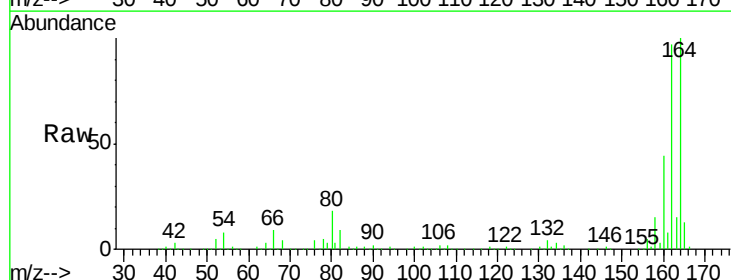
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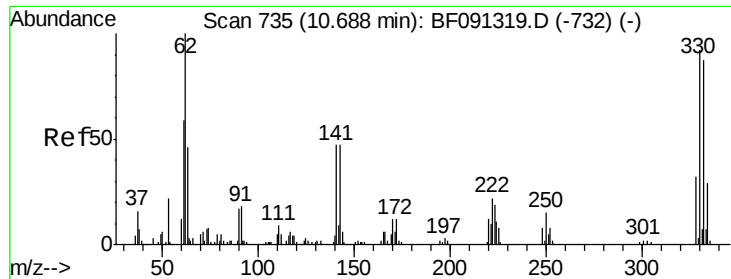
Tgt Ion: 82 Resp: 1265380
 Ion Ratio Lower Upper
 82 100
 128 44.2 31.8 47.6
 54 62.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091363.D
 Acq: 30 Nov 2016 19:19

Tgt Ion: 164 Resp: 370034
 Ion Ratio Lower Upper
 164 100
 162 97.4 82.6 124.0
 160 43.5 36.7 55.1

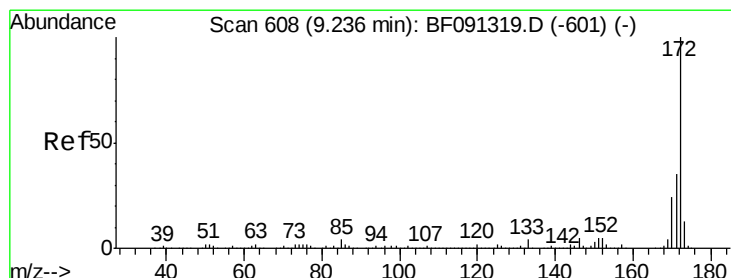
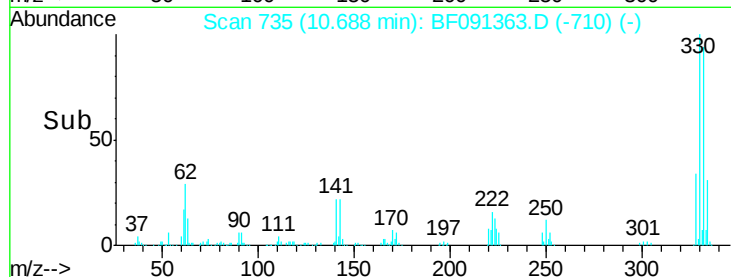
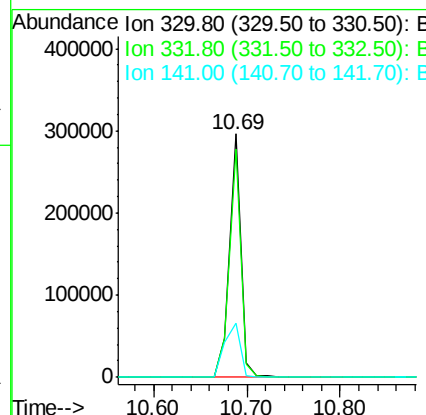
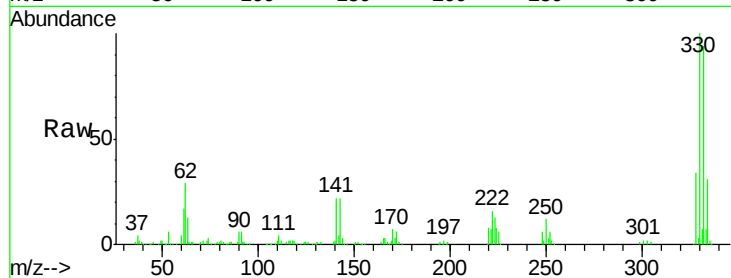




#41
 2,4,6-Tribromophenol
 Concen: 71.92 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091363.D
 Acq: 30 Nov 2016 19:19

Instrument :
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 ClientSampleId :
 112816-DSDC-F-U-B

Tgt Ion:330 Resp: 251958
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.2 114.4
 141 30.3 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 94.80 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091363.D
 Acq: 30 Nov 2016 19:19

Tgt Ion:172 Resp: 1937483
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 19.7 29.5

