

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091559.D
 Acq On : 13 Dec 2016 17:40
 Operator : UM/SJ
 Sample : H5972-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1M-WBF-EME-05

Quant Time: Dec 14 00:21:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

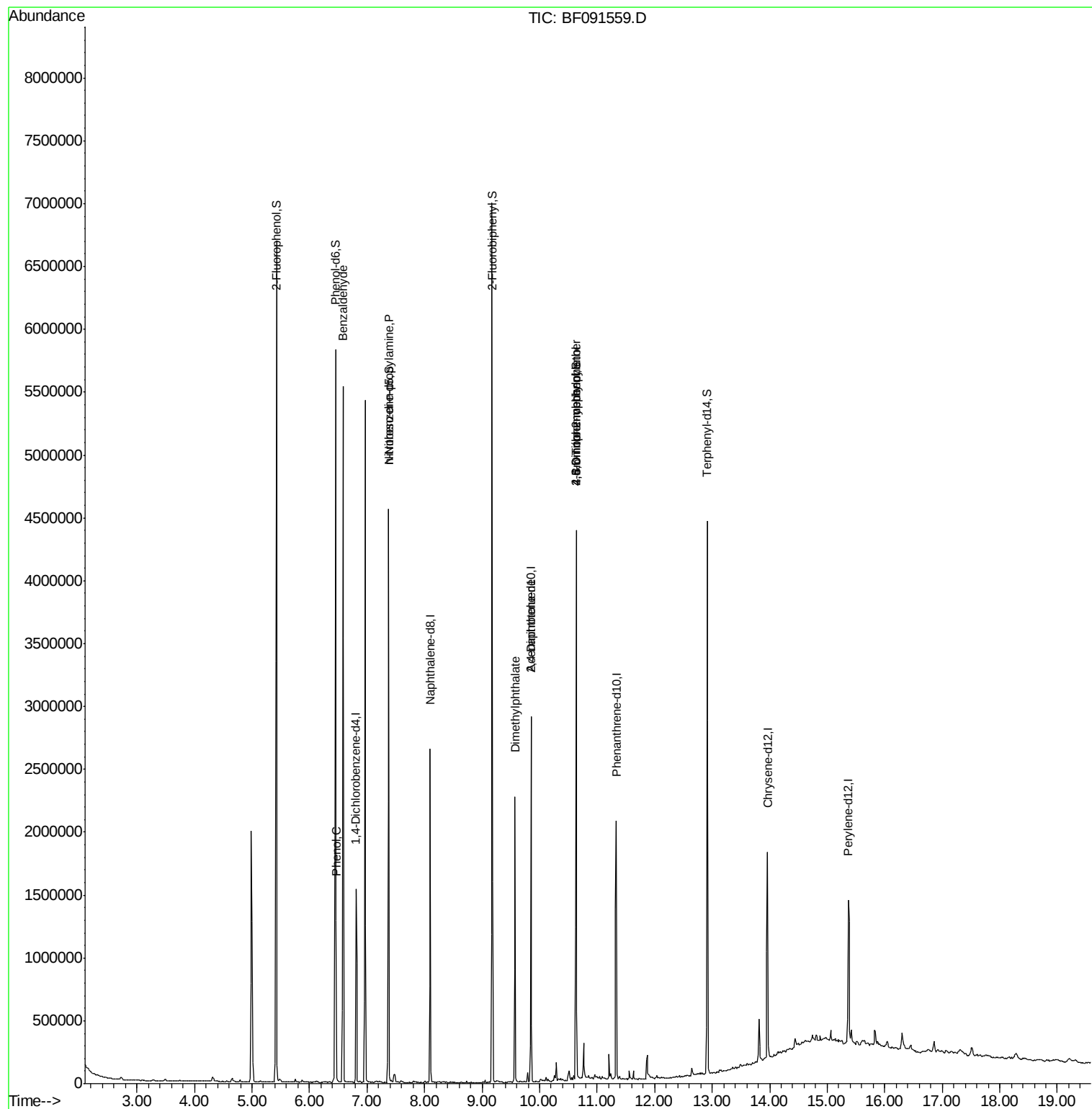
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	287048	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1209600	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	583589	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	954811	20.00	ng	0.00
75) Chrysene-d12	13.96	240	681463	20.00	ng	0.00
86) Perylene-d12	15.37	264	631313	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1968045	115.51	ng	0.01
7) Phenol-d6	6.45	99	2157028	101.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	1708229	78.82	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	482612	99.56	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2207087	65.35	ng	-0.01
78) Terphenyl-d14	12.91	244	1763506	58.72	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	43598	2.98	ng	Qvalue 86
10) Phenol	6.46	94	53937	2.17	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	231540	17.43	ng	# 61
20) 3+4-Methylphenols	6.97	107	608	Below Cal	#	1
49) Dimethylphthalate	9.57	163	1022067	27.66	ng	99
56) 2,4-Dinitrotoluene	9.85	165	76086	7.48	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1278	3.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	31395	3.21	ng	# 1

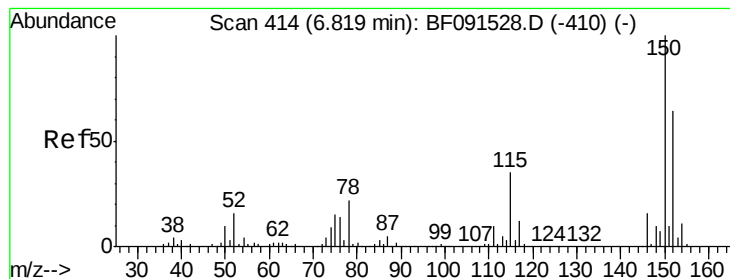
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

BNA_F

ClientSampleId :

1M-WBF-EME-05

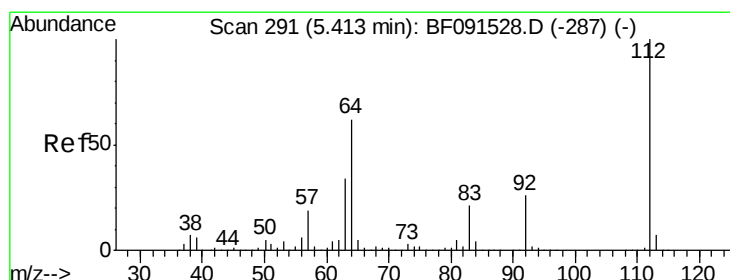
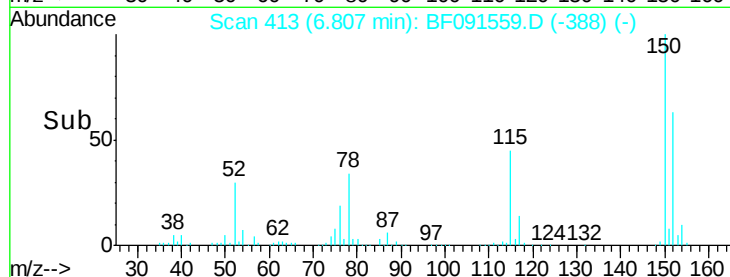
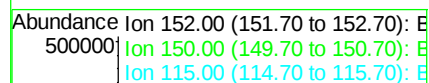
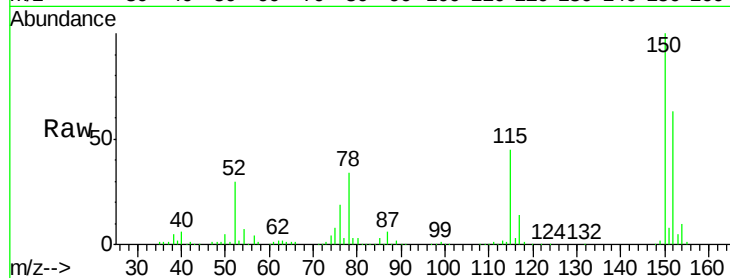
Tgt Ion:152 Resp: 287048

Ion Ratio Lower Upper

152 100

150 159.0 122.5 183.7

115 70.9 51.8 77.8



#5

2-Fluorophenol

Concen: 115.51 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

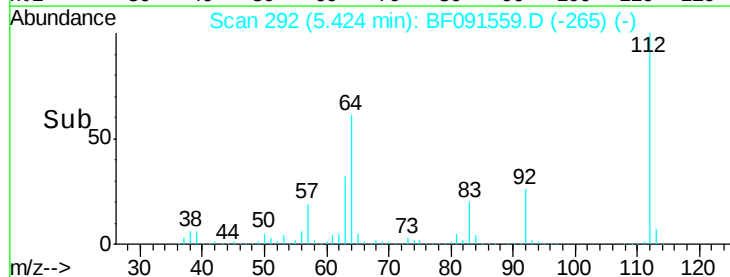
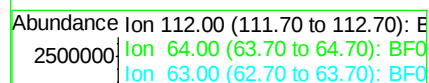
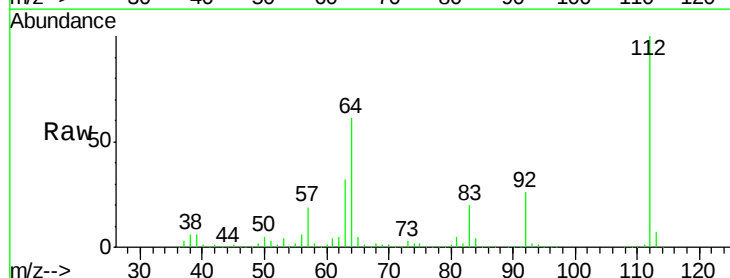
Tgt Ion:112 Resp: 1968045

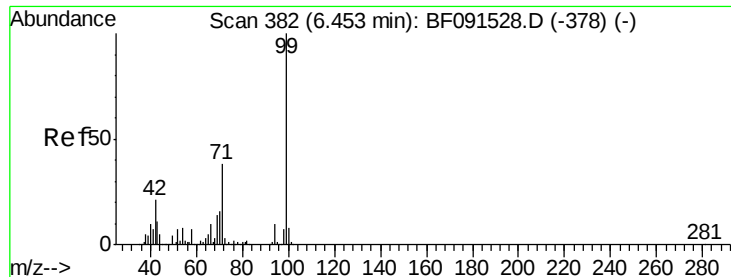
Ion Ratio Lower Upper

112 100

64 61.4 61.5 92.3#

63 31.8 33.3 49.9#





#7

Phenol-d6

Concen: 101.55 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

BNA_F

ClientSampleId :

1M-WBF-EME-05

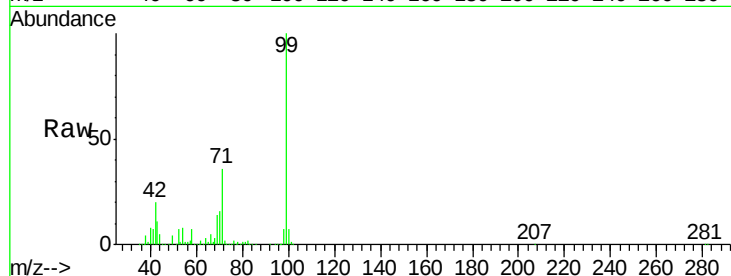
Tgt Ion: 99 Resp: 2157028

Ion Ratio Lower Upper

99 100

42 20.5 20.6 31.0#

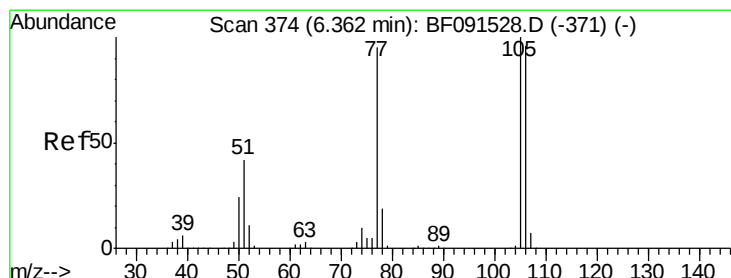
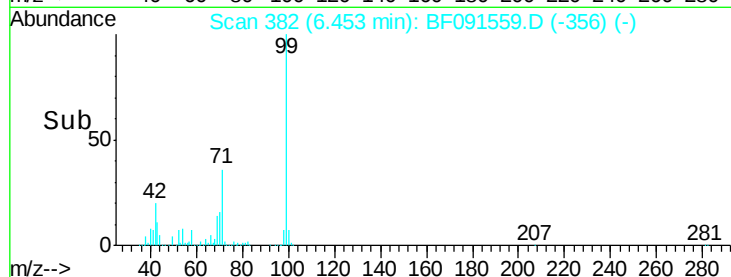
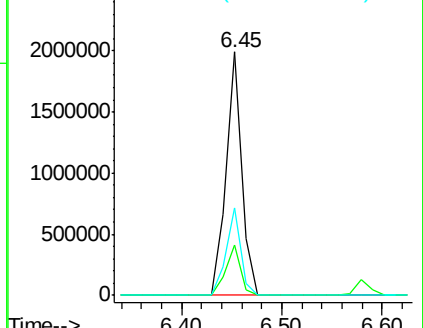
71 36.1 29.9 44.9



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: 2.98 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

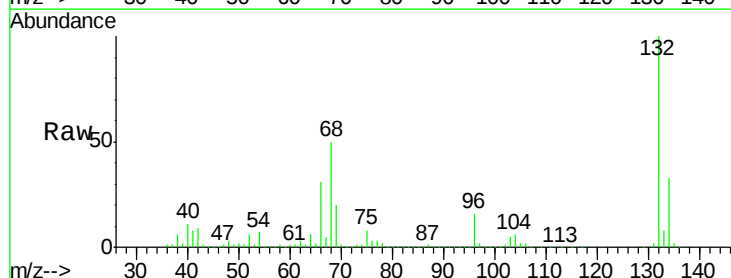
Tgt Ion: 77 Resp: 43598

Ion Ratio Lower Upper

77 100

105 77.4 66.4 106.4

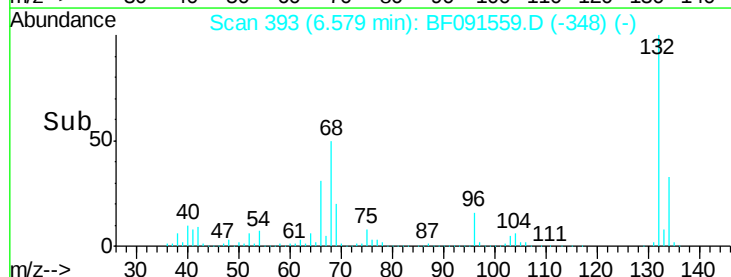
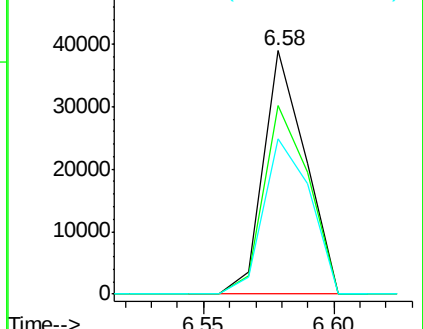
106 63.6 60.9 100.9

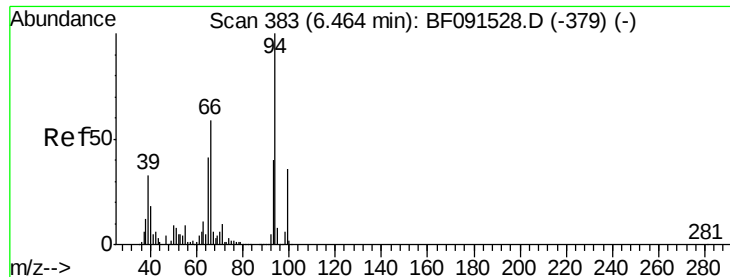


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.17 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

BNA_F

ClientSampleId :

1M-WBF-EME-05

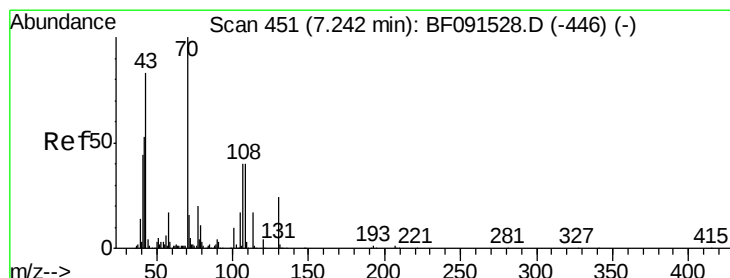
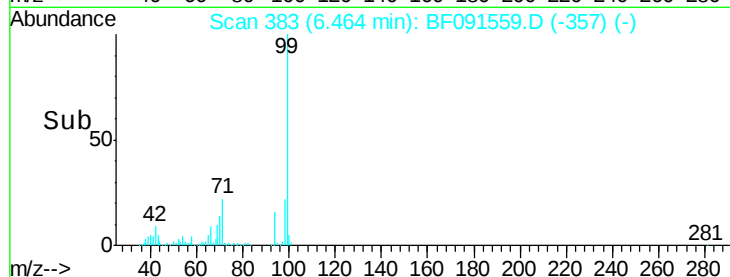
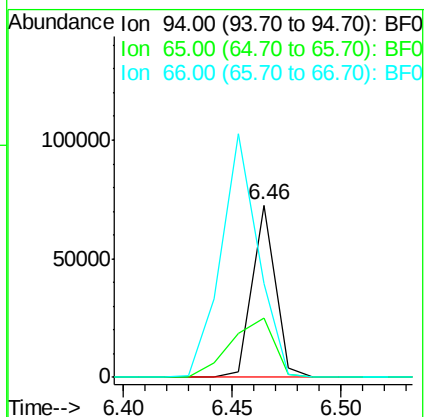
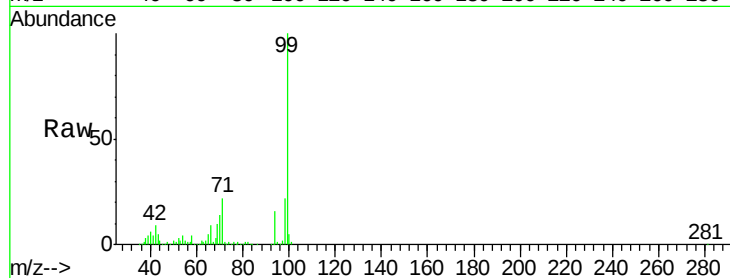
Tgt Ion: 94 Resp: 53937

Ion Ratio Lower Upper

94 100

65 34.1 16.9 56.9

66 54.9 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.43 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Tgt Ion: 70 Resp: 231540

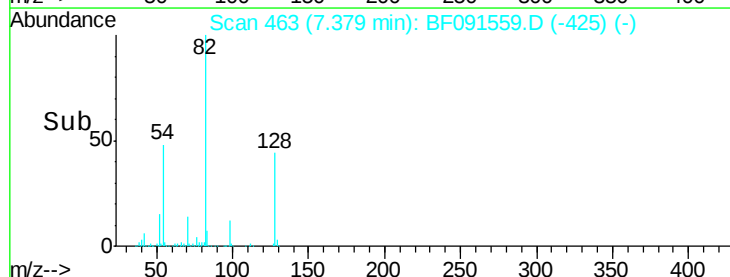
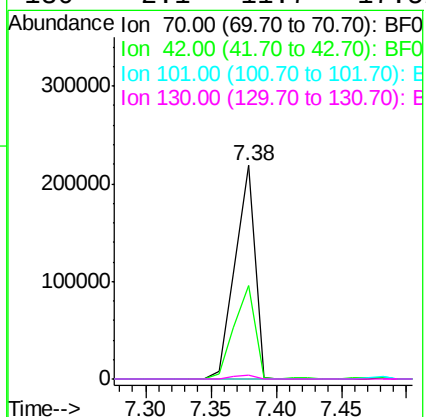
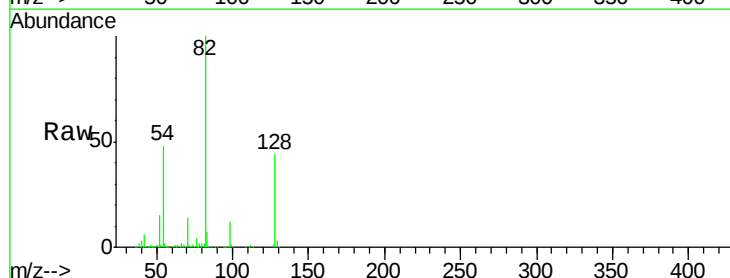
Ion Ratio Lower Upper

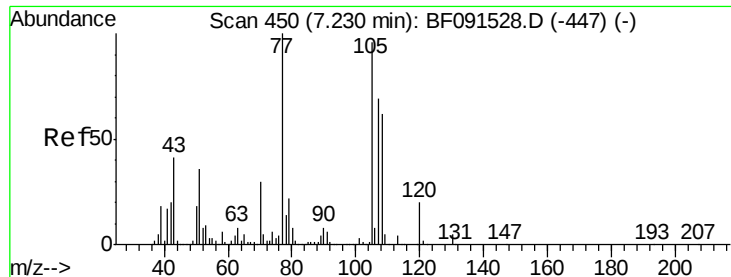
70 100

42 43.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

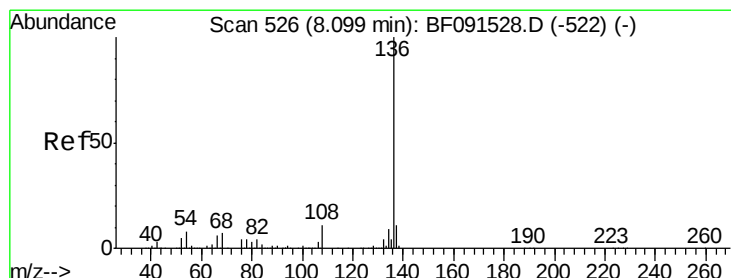
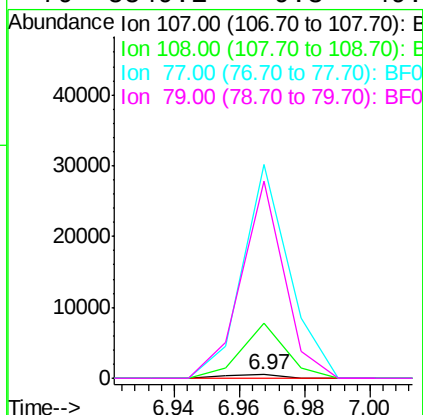
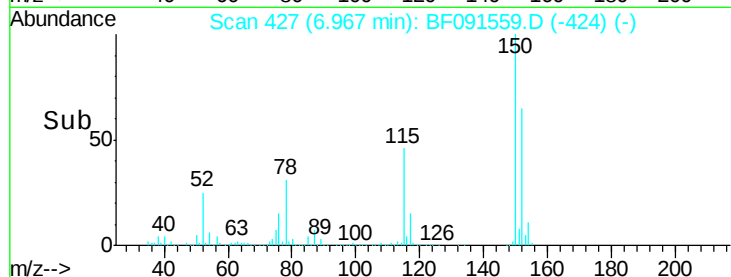
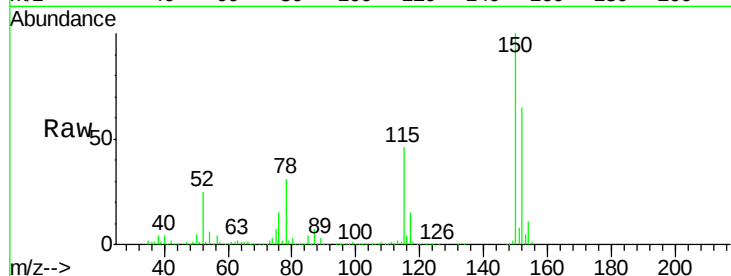




#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 6.97 min Scan# 427
 Delta R.T. -0.26 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

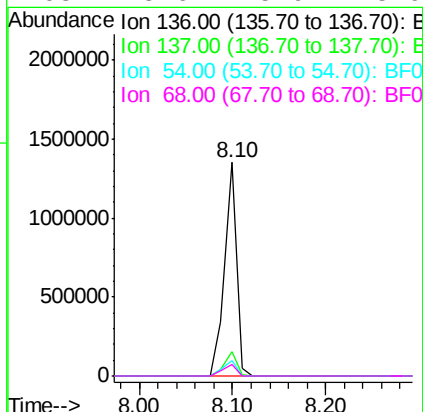
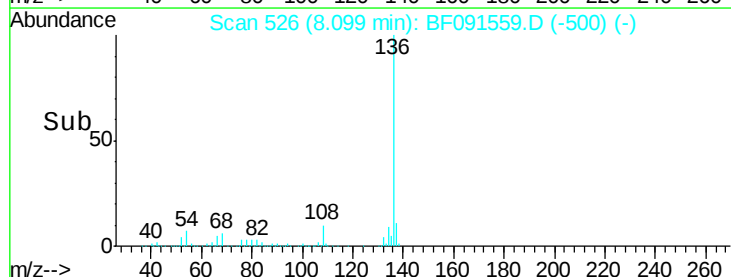
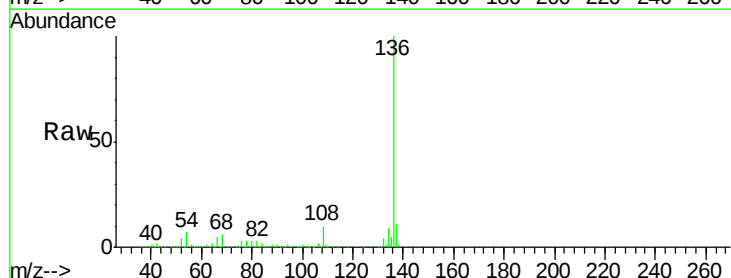
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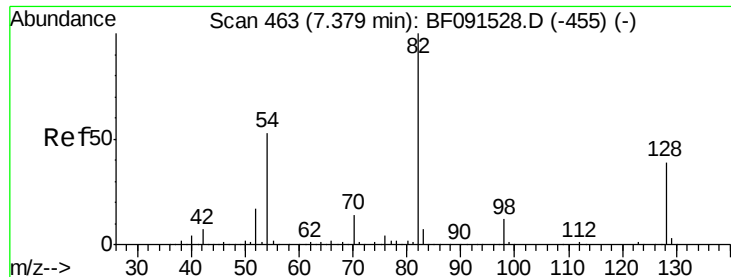
Tgt Ion:107 Resp: 608
 Ion Ratio Lower Upper
 107 100
 108 1538.2 64.6 104.6#
 77 5994.4 30.9 70.9#
 79 5549.1 9.3 49.3#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

Tgt Ion:136 Resp: 1209600
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 6.9 9.1 13.7#
 68 5.6 5.9 8.9#

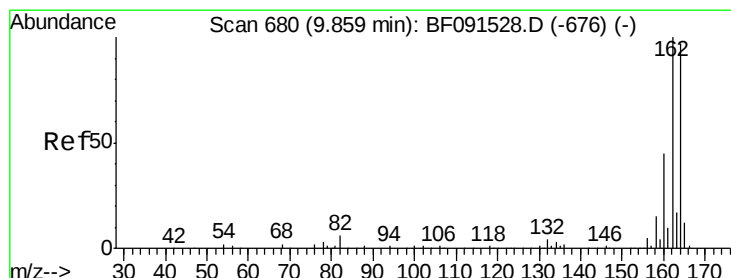
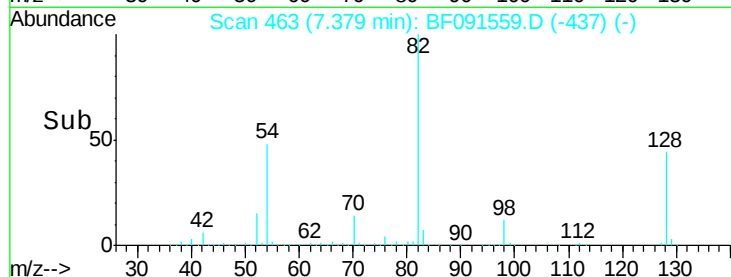
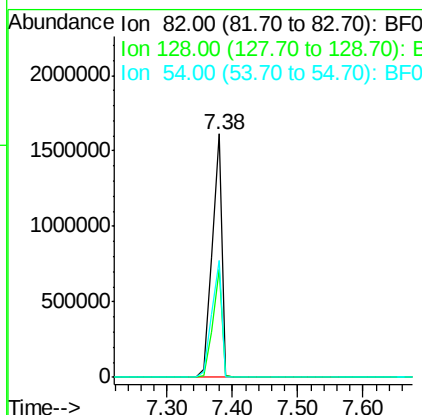
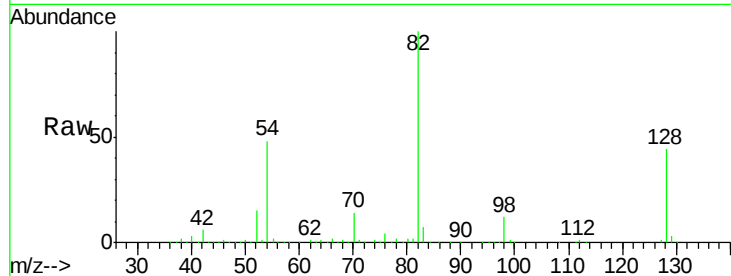




#23
 Nitrobenzene-d5
 Concen: 78.82 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

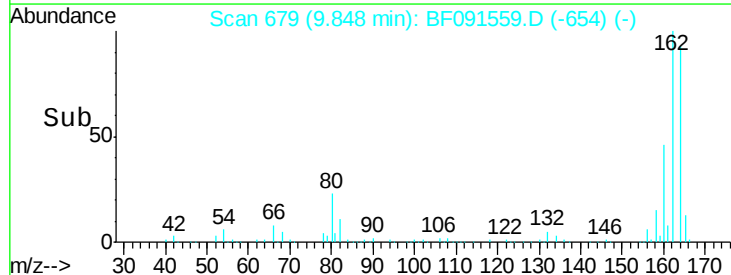
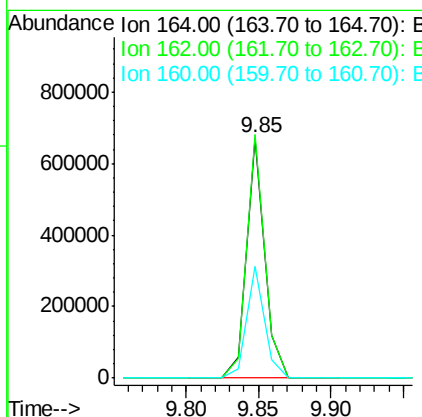
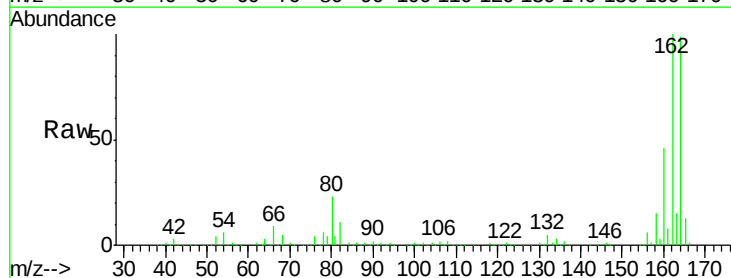
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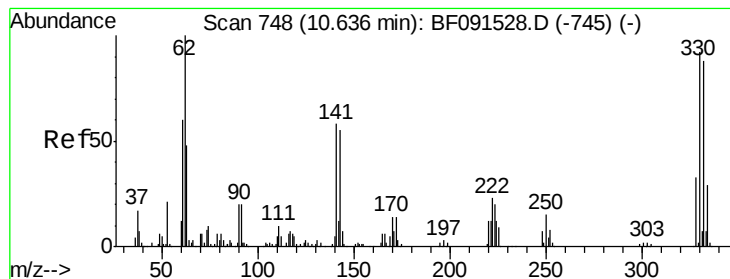
Tgt Ion: 82 Resp: 1708229
 Ion Ratio Lower Upper
 82 100
 128 44.3 31.8 47.6
 54 48.2 49.1 73.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

Tgt Ion: 164 Resp: 583589
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 46.8 36.7 55.1

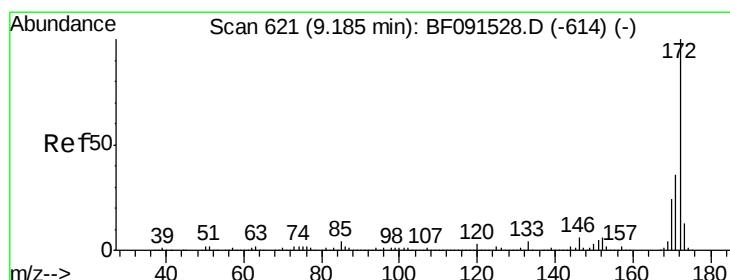
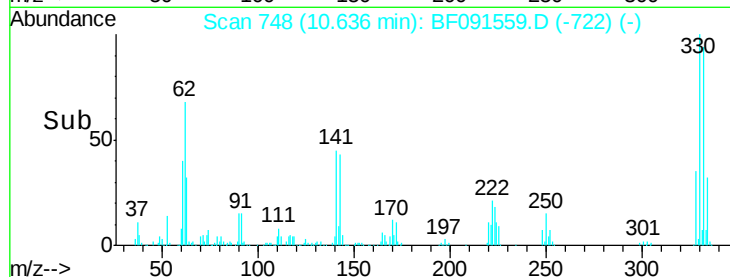
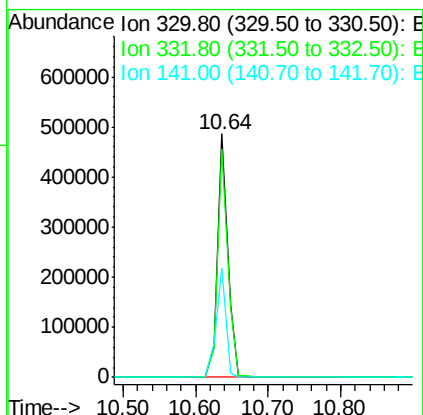
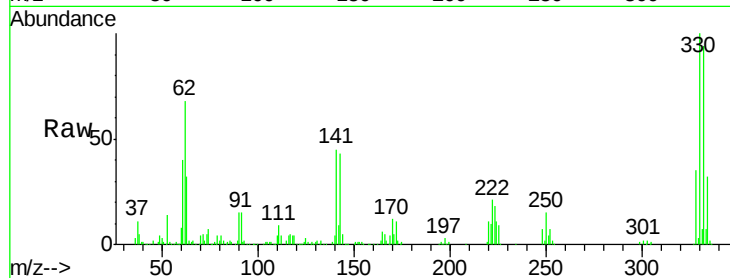




#41
 2,4,6-Tribromophenol
 Concen: 99.56 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 1M-WBF-EME-05

Tgt Ion:330 Resp: 482612
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.2 114.4
 141 42.8 33.6 50.4



#44
 2-Fluorobiphenyl
 Concen: 65.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091559.D
 Acq: 13 Dec 2016 17:40

Tgt Ion:172 Resp: 2207087
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 25.1 19.7 29.5

