

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091976.D
 Acq On : 27 Dec 2016 19:12
 Operator : UM/SJ
 Sample : H6243-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 28 00:00:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

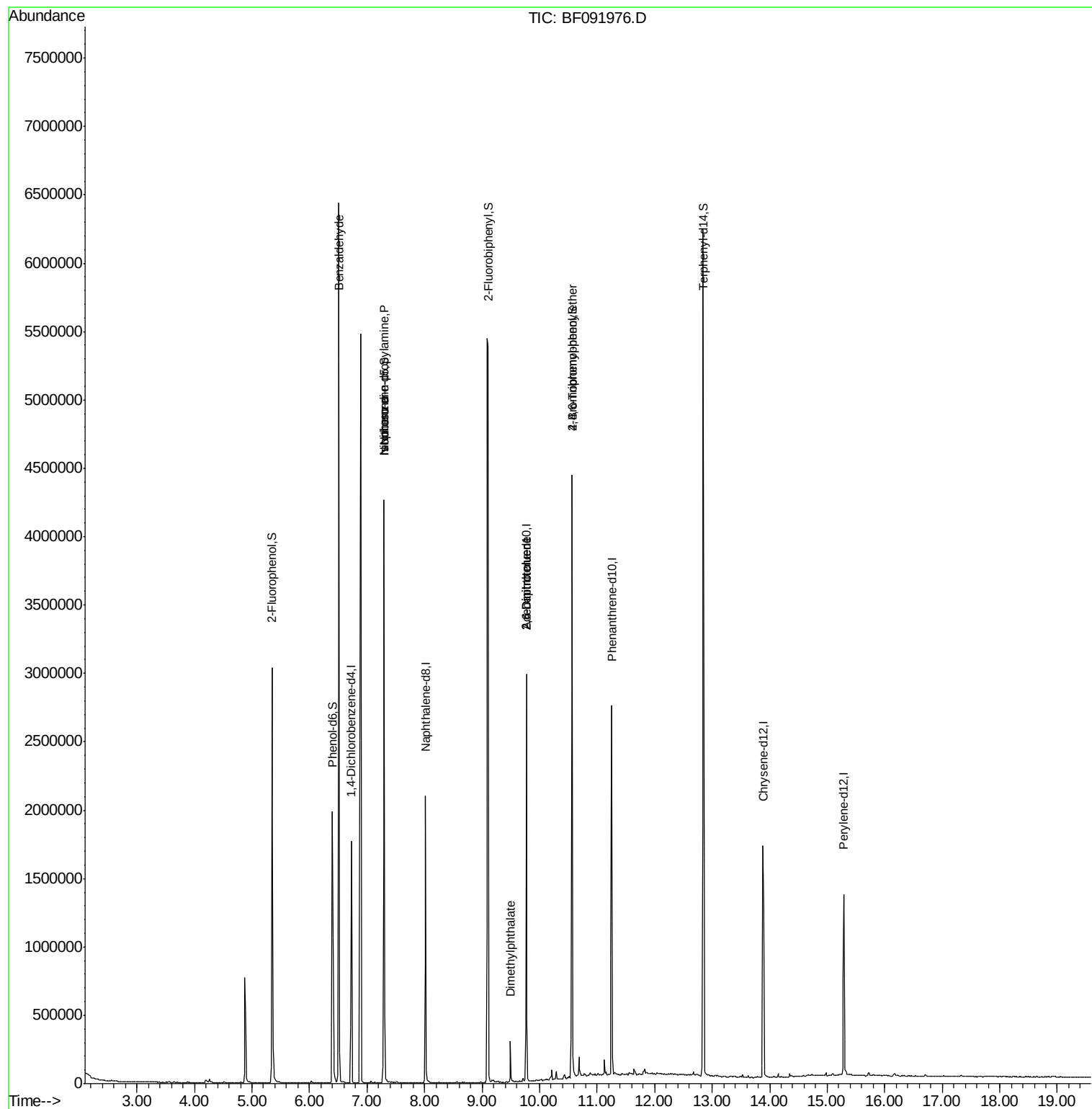
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	269443	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1089759	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	620555	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1020935	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	782473	20.00	ng	-0.02
86) Perylene-d12	15.29	264	597969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1137255	70.48	ng	0.00
7) Phenol-d6	6.40	99	879754	44.65	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1613833	82.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	656985	127.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2836293	95.20	ng	-0.01
78) Terphenyl-d14	12.84	244	2636208	81.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	45709	2.88	ng	# 74
19) n-Nitroso-di-n-propylamine	7.30	70	216206	16.50	ng	# 77
25) Isophorone	7.30	82	1157234	32.01	ng	# 65
49) Dimethylphthalate	9.49	163	116019	2.92	ng	99
50) 2,6-Dinitrotoluene	9.77	165	82187	9.46	ng	# 30
56) 2,4-Dinitrotoluene	9.77	165	82173	7.54	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	43589	4.10	ng	# 1
71) Anthracene	11.32	178	1170	Below Cal		# 14
73) Di-n-butylphthalate	11.82	149	13931	Below Cal		97
74) Fluoranthene	12.40	202	231	Below Cal		61

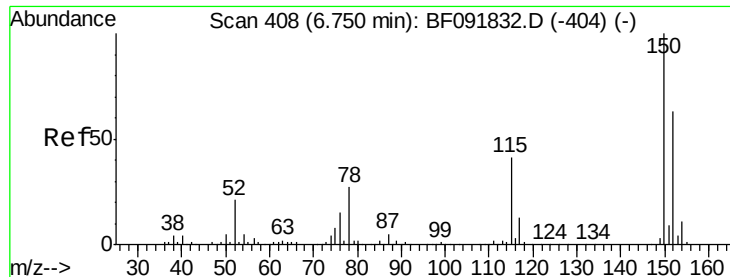
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

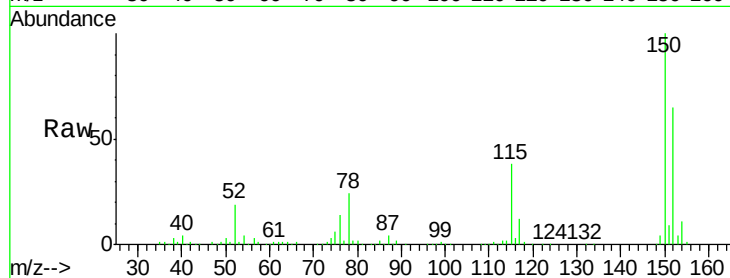
Tgt Ion:152 Resp: 269443

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

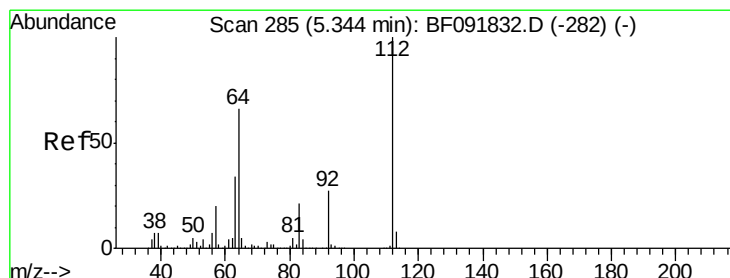
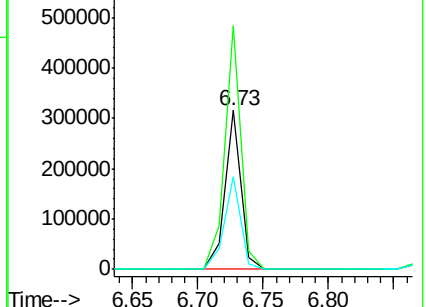
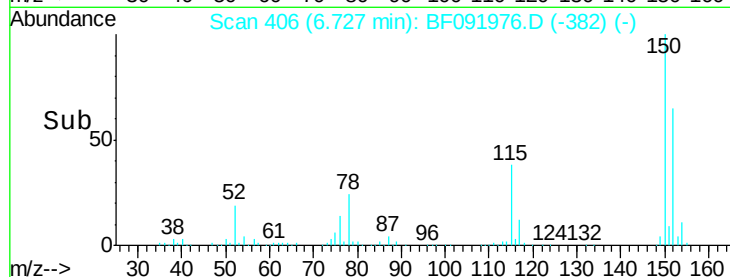
115 58.0 46.0 69.0



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: 70.48 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

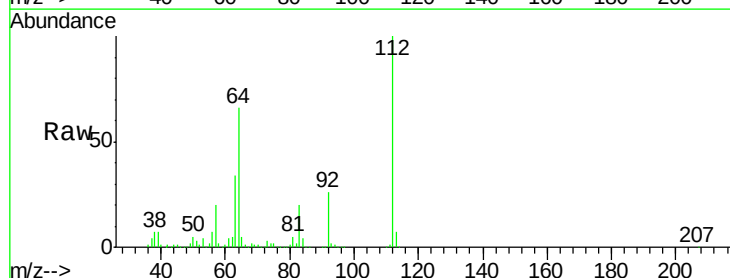
Tgt Ion:112 Resp: 1137255

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

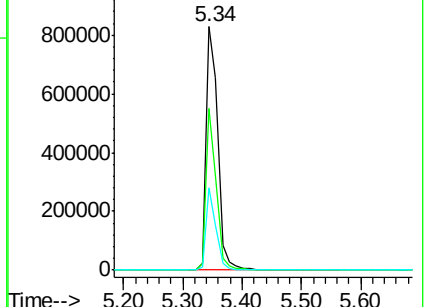
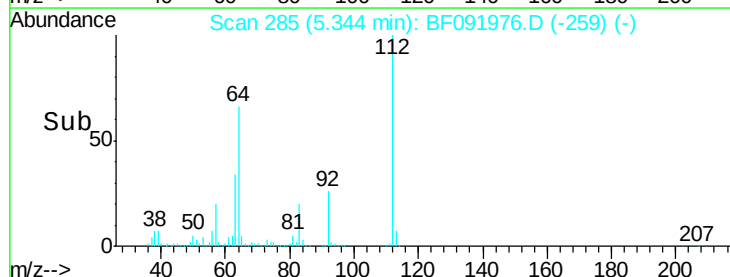
63 33.7 23.8 35.6

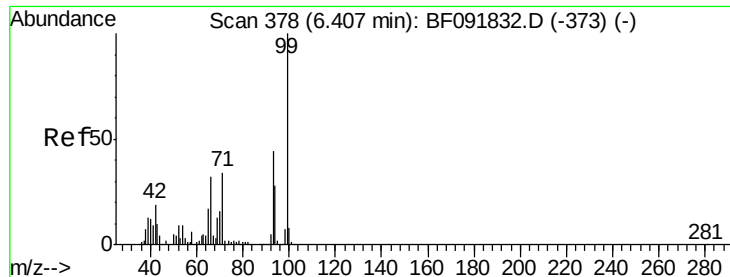


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.65 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampled :

MW-1

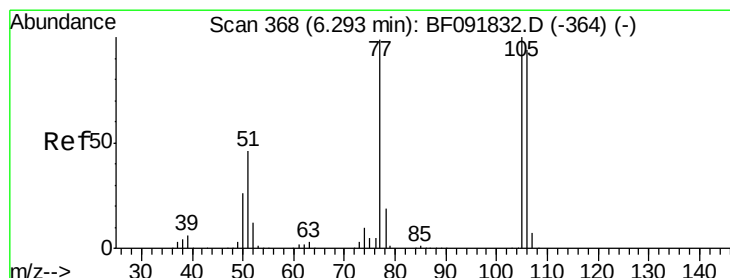
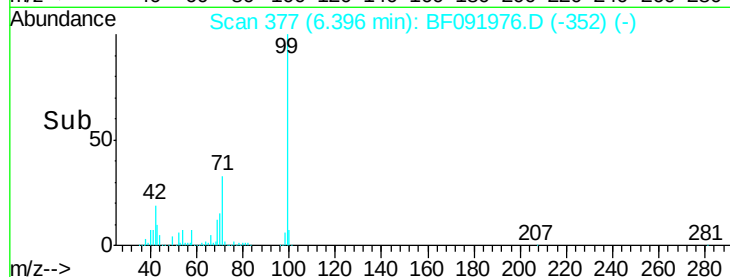
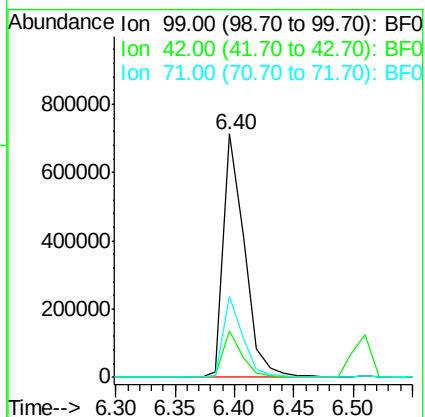
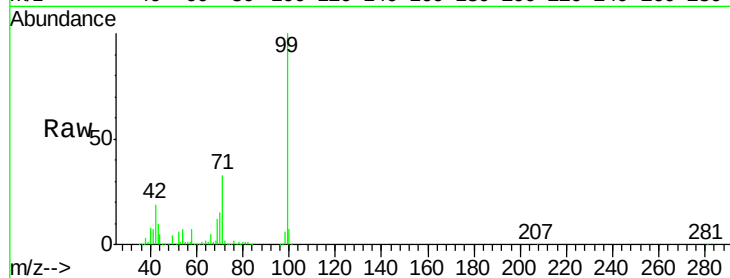
Tgt Ion: 99 Resp: 879754

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.3 27.5 41.3



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

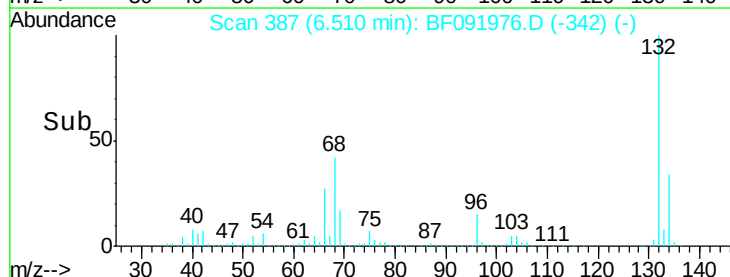
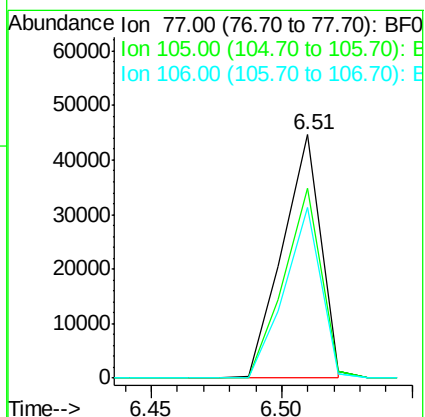
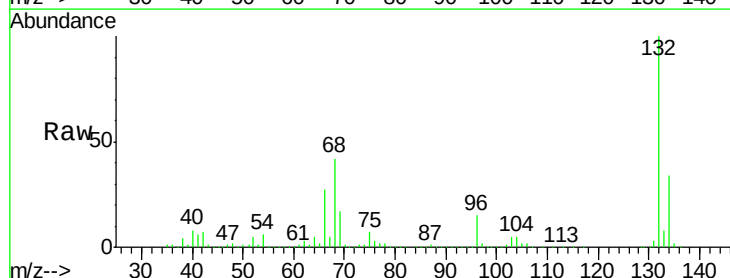
Tgt Ion: 77 Resp: 45709

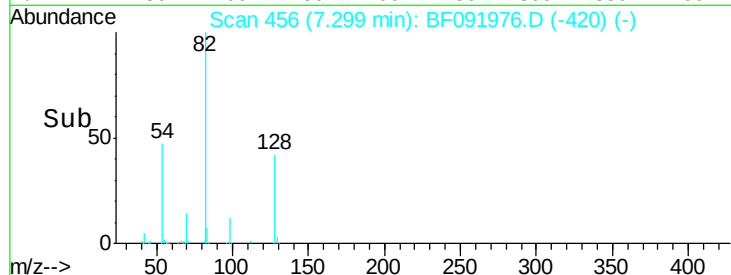
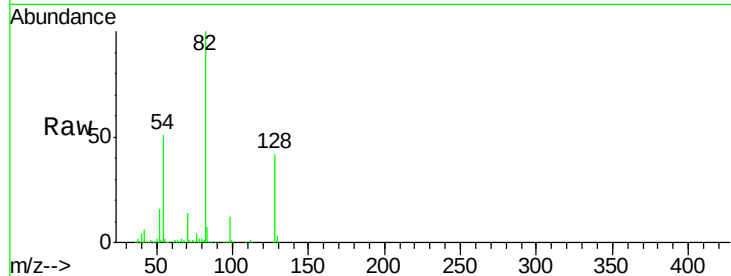
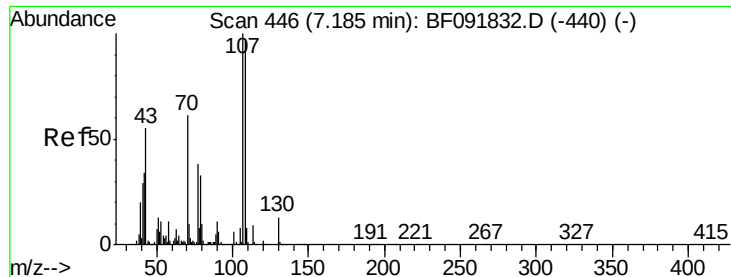
Ion Ratio Lower Upper

77 100

105 78.2 83.9 123.9#

106 70.0 77.6 117.6#

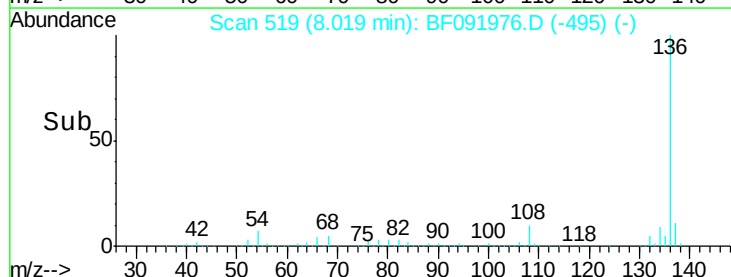
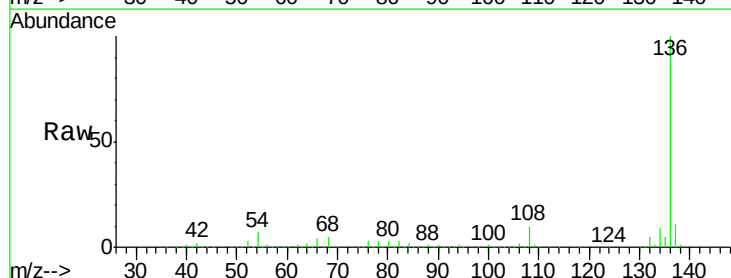
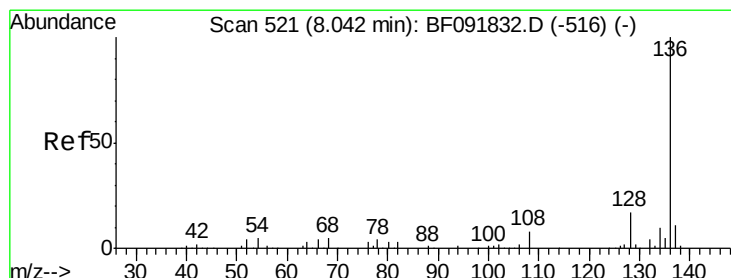
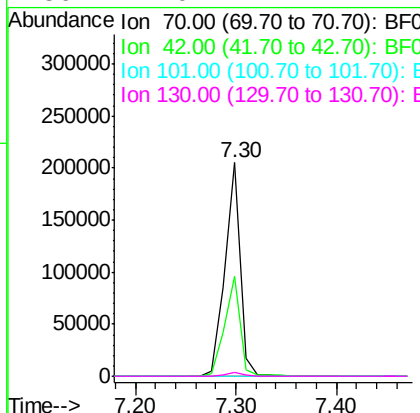




#19
n-Nitroso-di-n-propylamine
Concen: 16.50 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

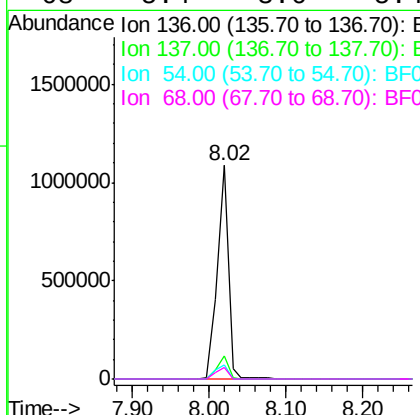
Instrument :
BNA_F
ClientSampleId :
MW-1

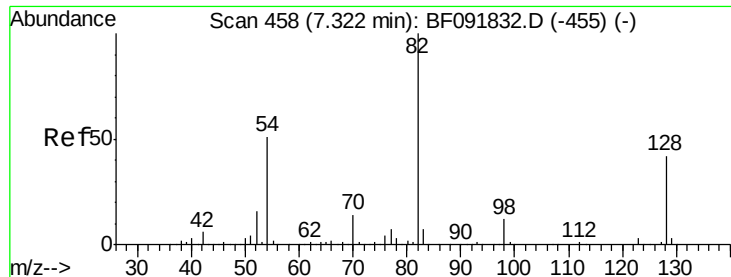
Tgt Ion: 70 Resp: 216206
Ion Ratio Lower Upper
70 100
42 46.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Tgt Ion: 136 Resp: 1089759
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 4.5 6.7#
68 5.4 3.6 5.4#

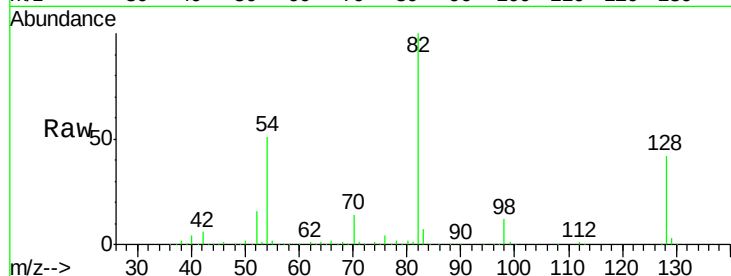




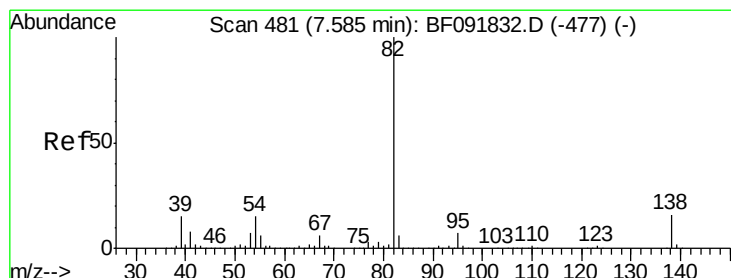
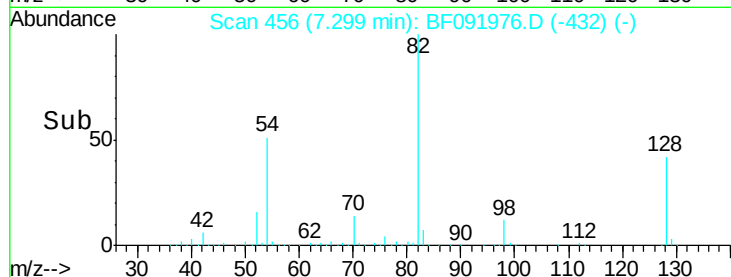
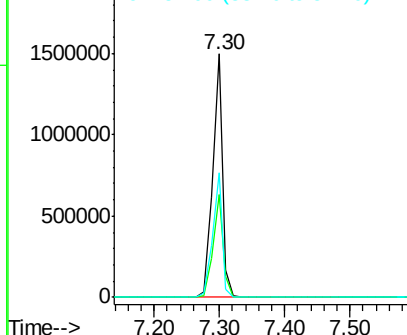
#23
Nitrobenzene-d5
Concen: 82.35 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1613833
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 51.2 39.5 59.3

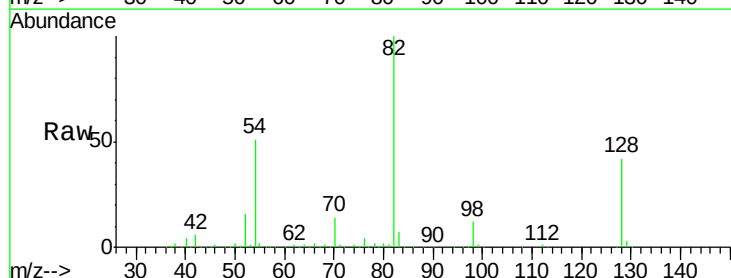


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

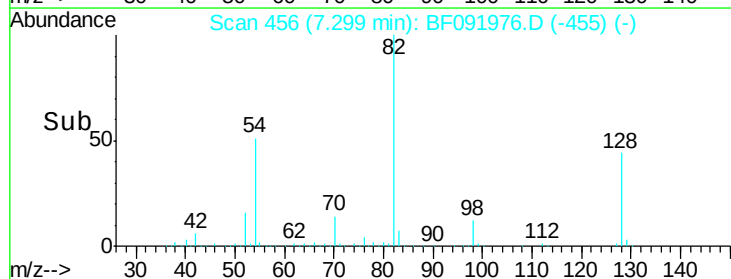
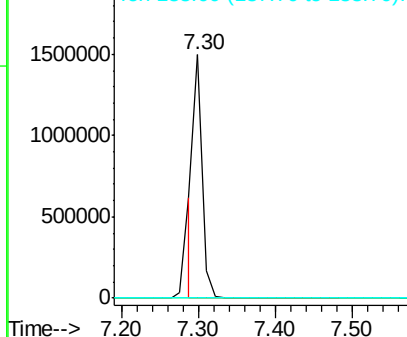


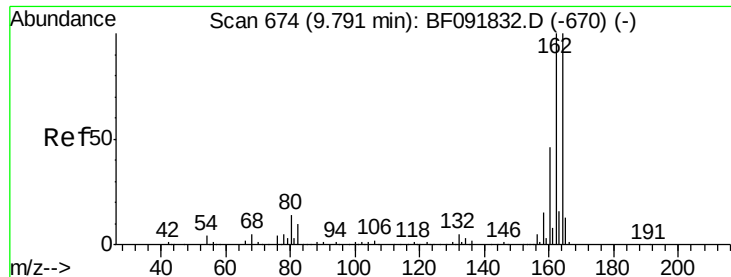
#25
Isophorone
Concen: 32.01 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.29 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Tgt Ion: 82 Resp: 1157234
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



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

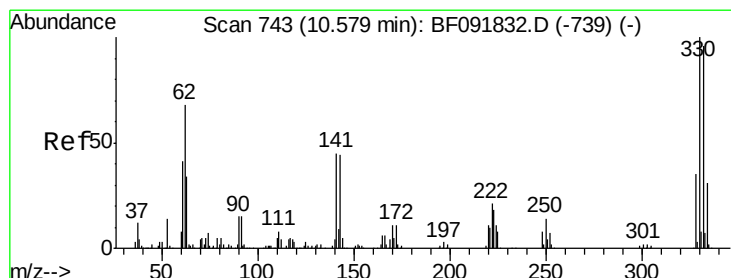
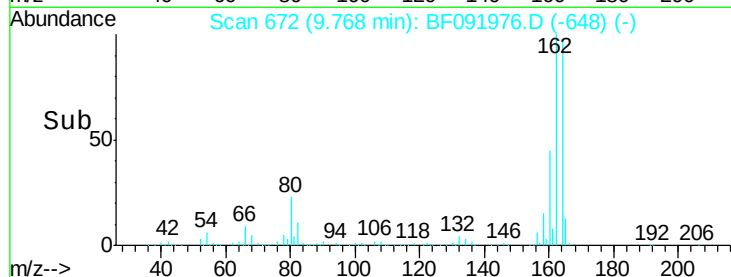
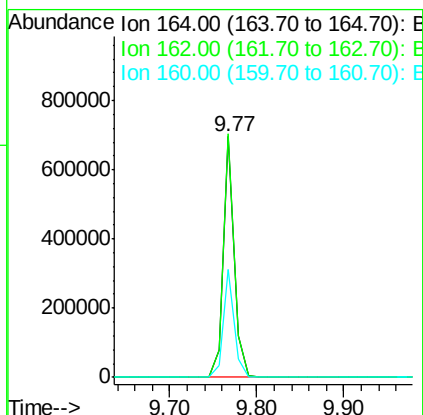
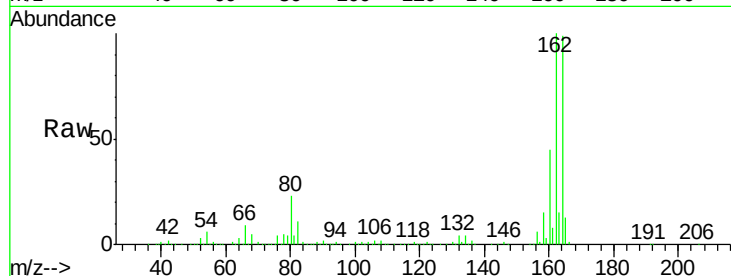




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

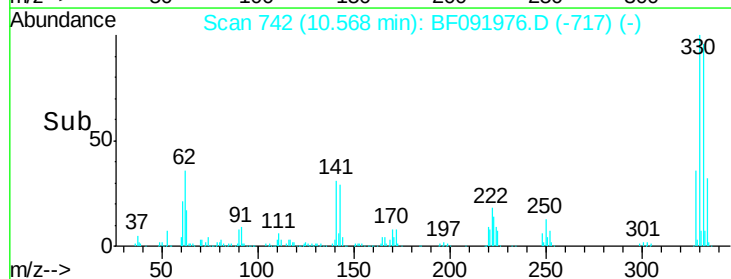
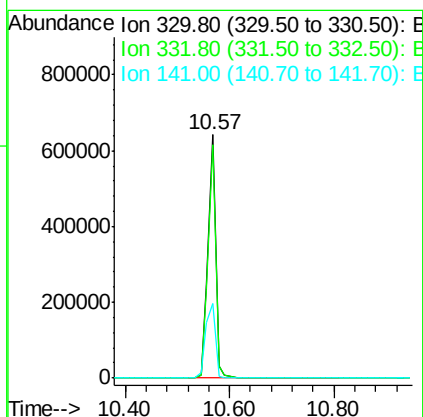
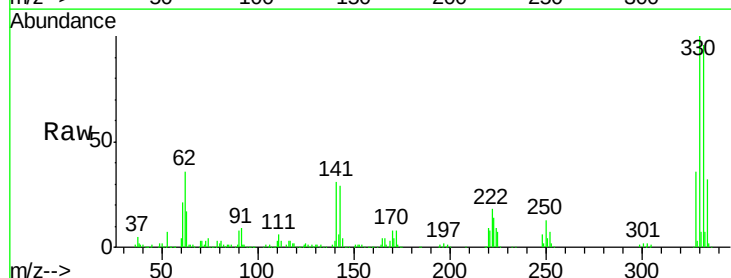
Instrument :
BNA_F
ClientSampleId :
MW-1

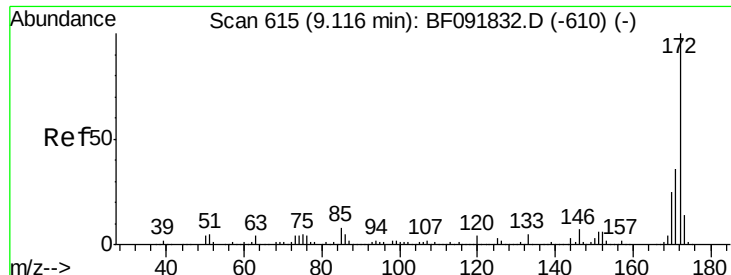
Tgt Ion:164 Resp: 620555
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 127.93 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Tgt Ion:330 Resp: 656985
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 38.6 34.1 51.1

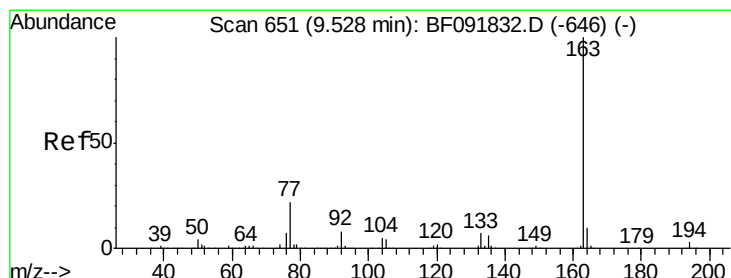
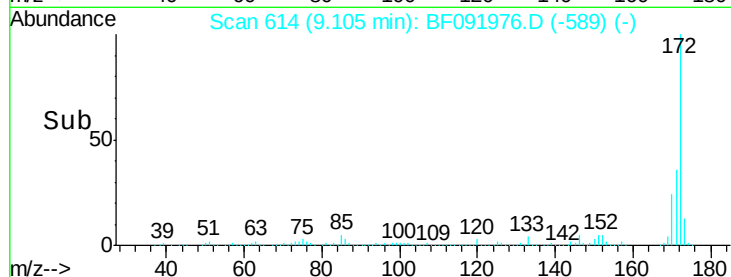
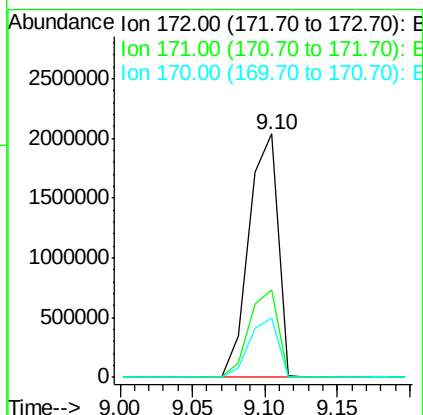
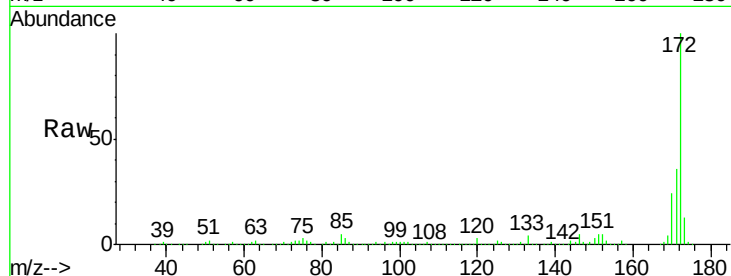




#44
 2-Fluorobiphenyl
 Concen: 95.20 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

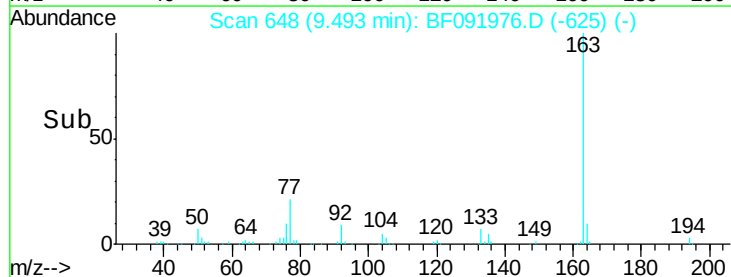
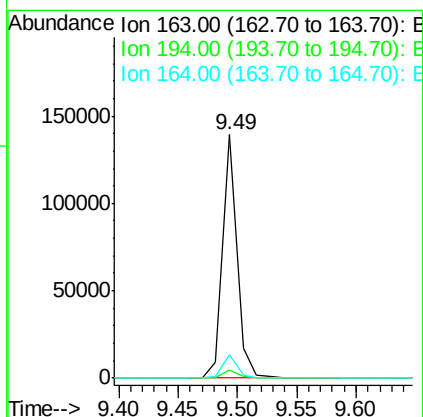
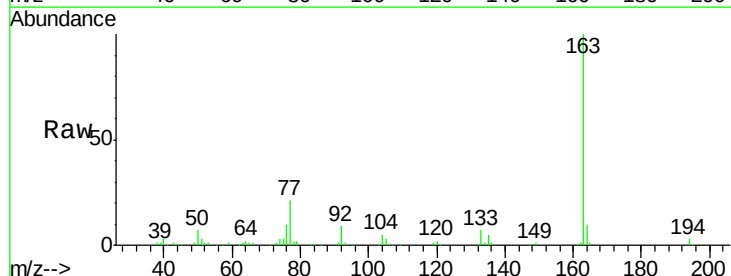
Instrument :
 BNA_F
 ClientSampleId :
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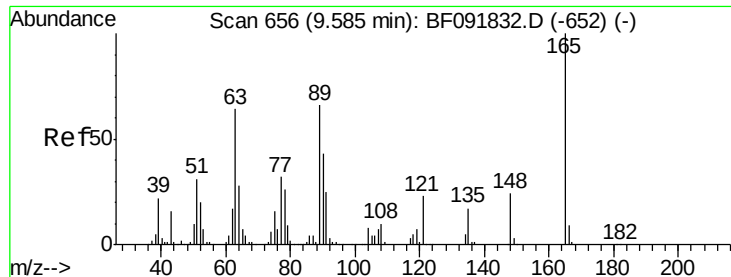
Tgt Ion:172 Resp: 2836293
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4



#49
 Dimethylphthalate
 Concen: 2.92 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Tgt Ion:163 Resp: 116019
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 9.8 8.0 12.0

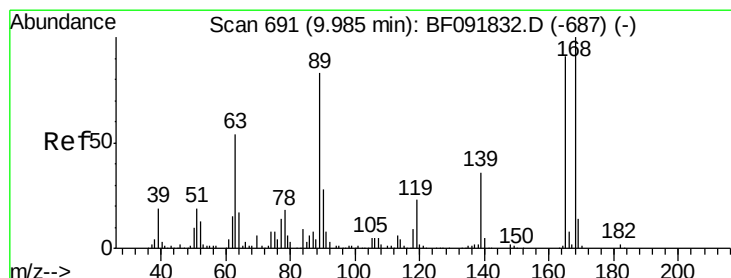
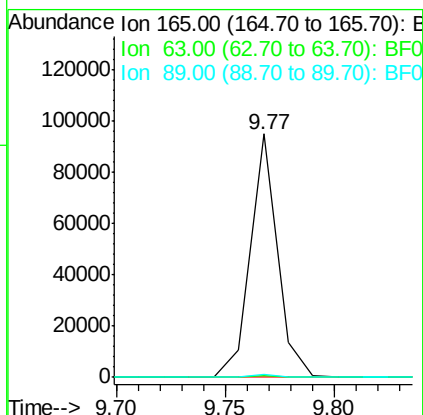
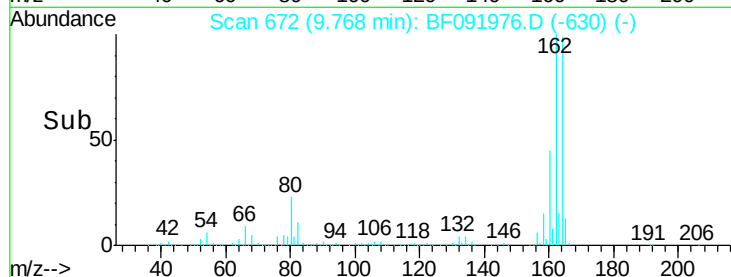
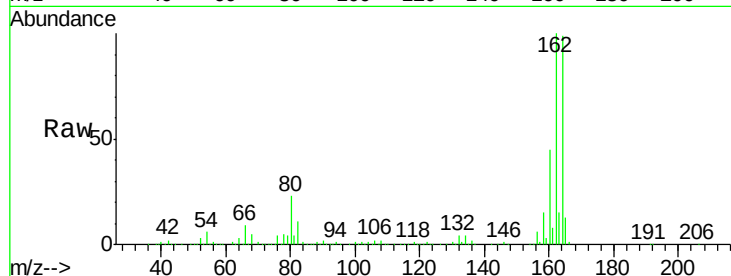




#50
 2,6-Dinitrotoluene
 Concen: 9.46 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.18 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

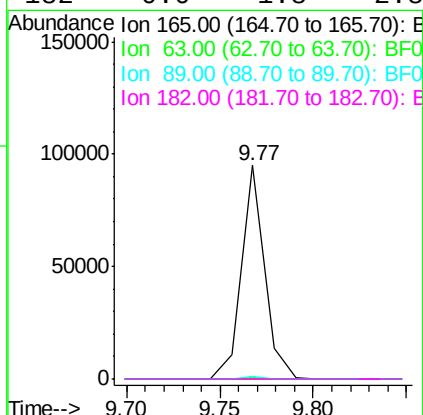
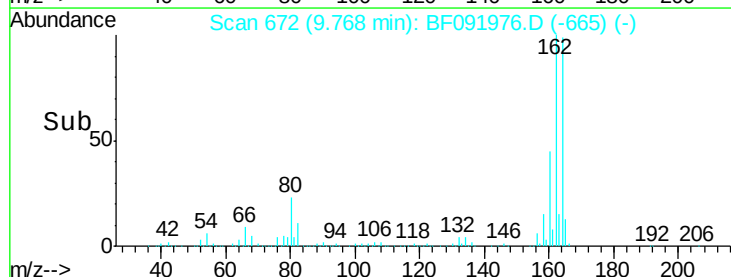
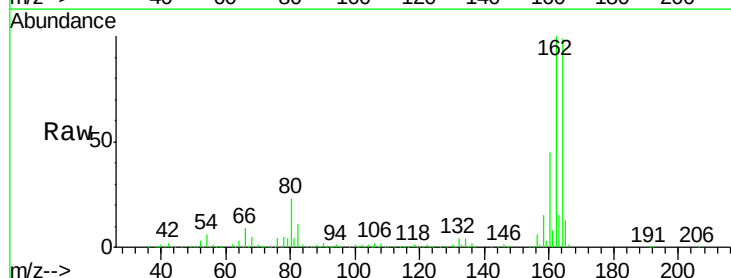
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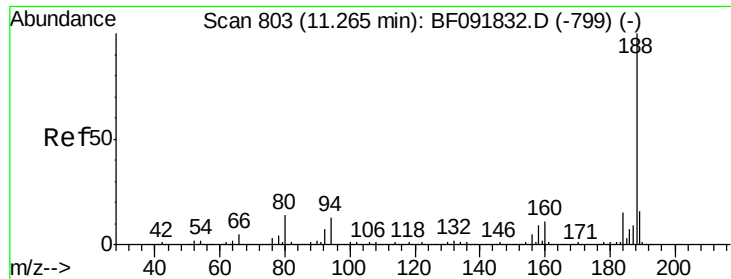
Tgt Ion:165 Resp: 82187
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.2 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Tgt Ion:165 Resp: 82173
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

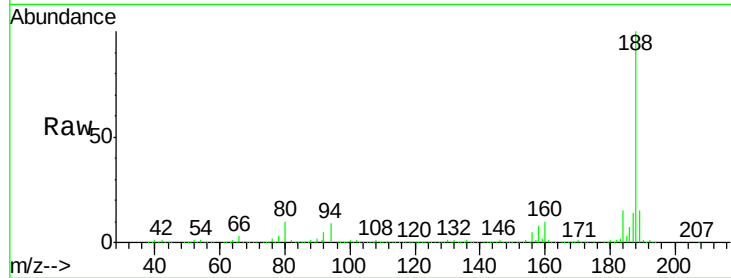
Tgt Ion:188 Resp: 1020935

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

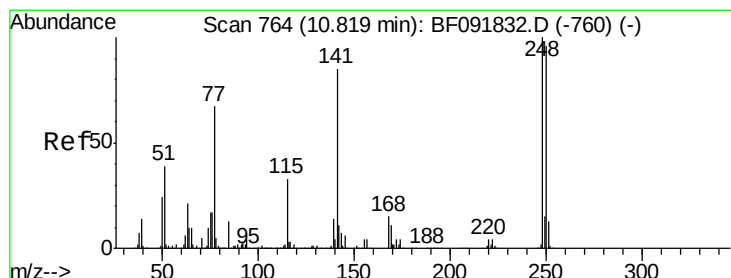
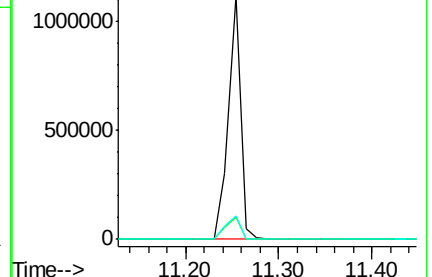
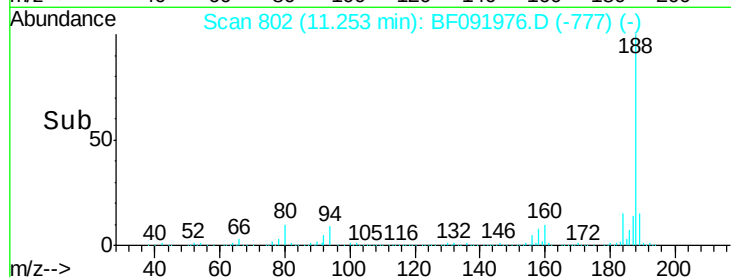
80 9.8 11.2 16.8#



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: 4.10 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.25 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

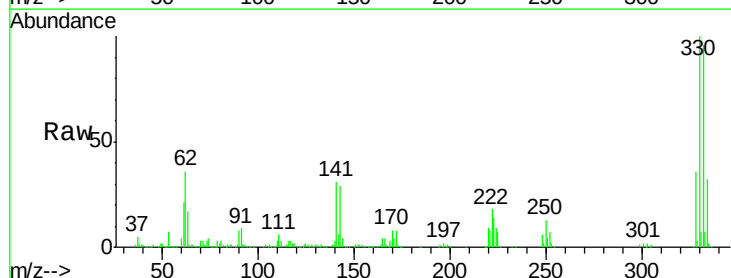
Tgt Ion:248 Resp: 43589

Ion Ratio Lower Upper

248 100

250 193.8 76.9 115.3#

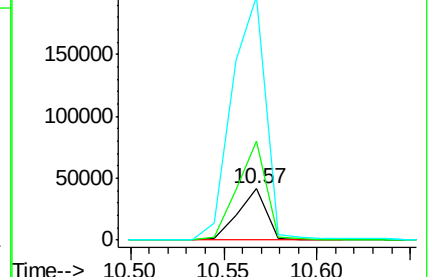
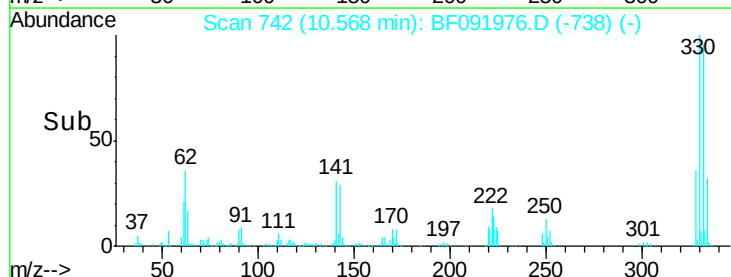
141 474.0 68.2 102.4#

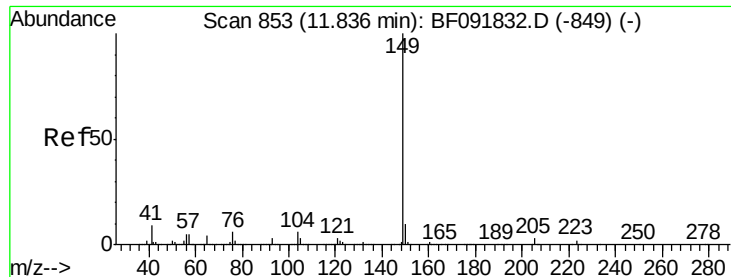


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

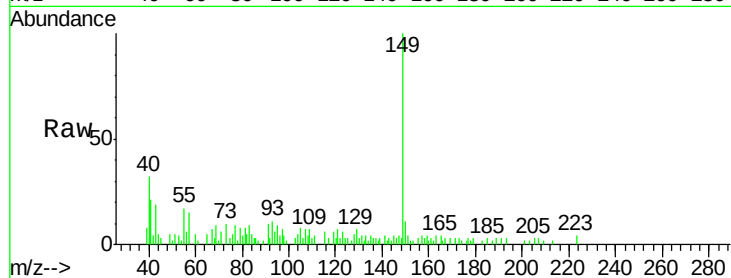
Tgt Ion:149 Resp: 13931

Ion Ratio Lower Upper

149 100

150 11.3 8.1 12.1

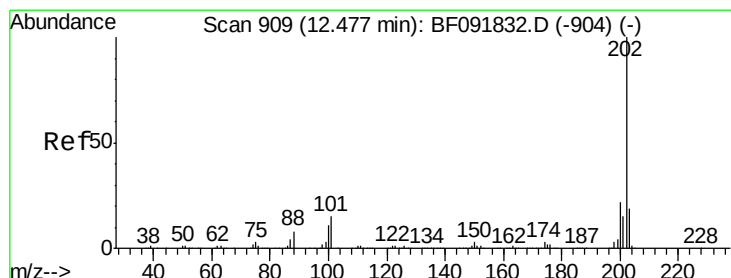
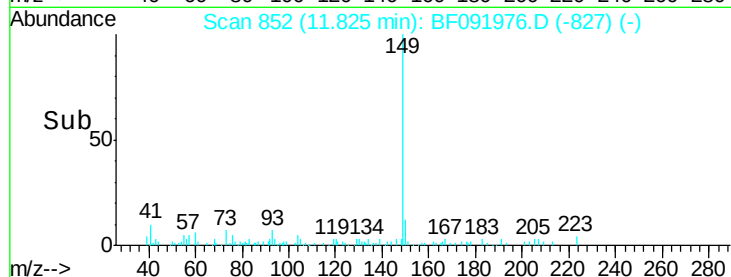
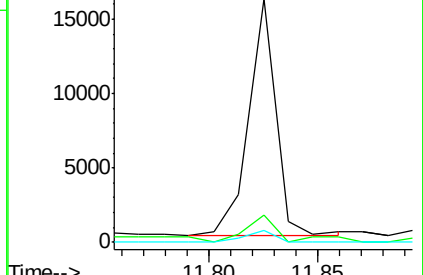
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.40 min Scan# 902

Delta R.T. -0.08 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

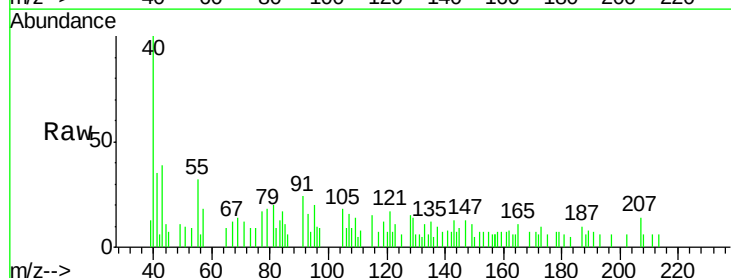
Tgt Ion:202 Resp: 231

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

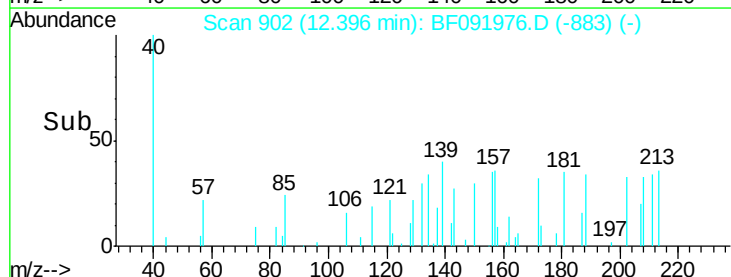
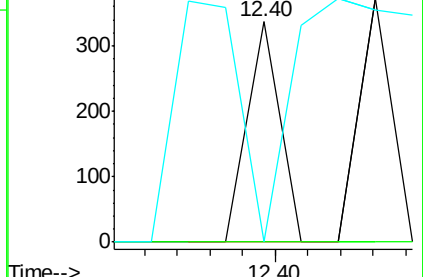
203 0.0 0.0 38.7

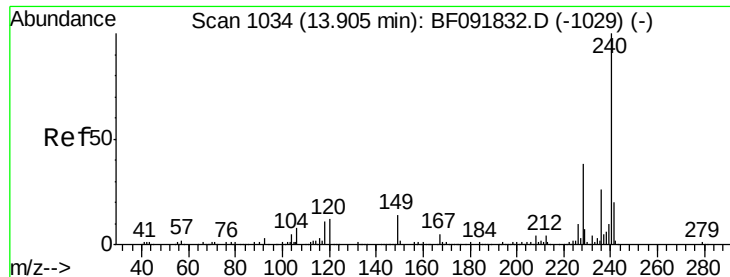


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

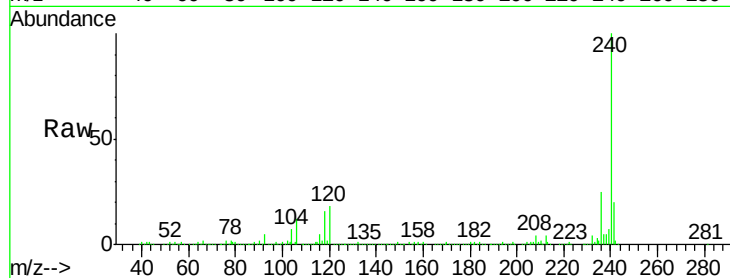
Tgt Ion:240 Resp: 782473

Ion Ratio Lower Upper

240 100

120 17.9 12.9 19.3

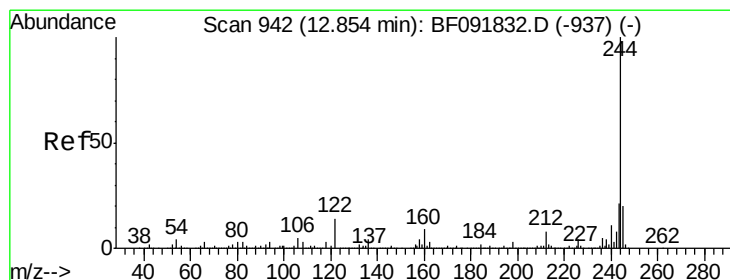
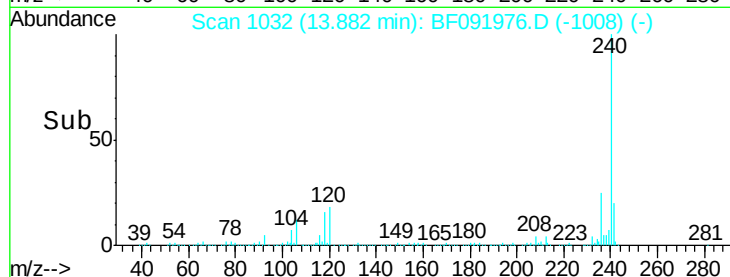
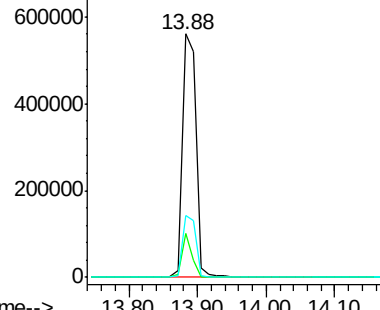
236 25.3 20.9 31.3



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: 81.71 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

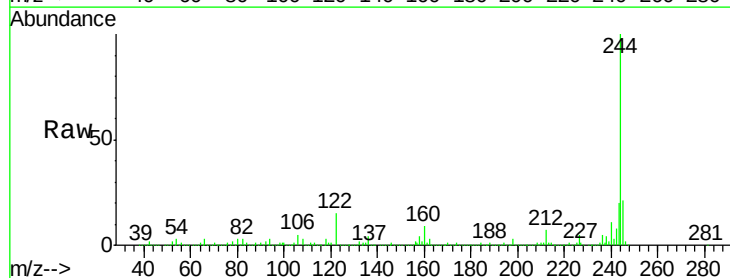
Tgt Ion:244 Resp: 2636208

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

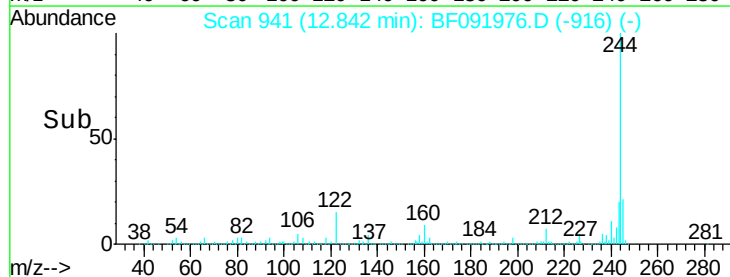
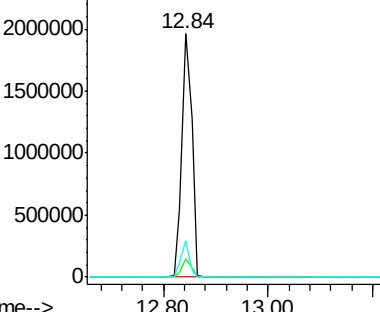
122 14.7 11.4 17.2

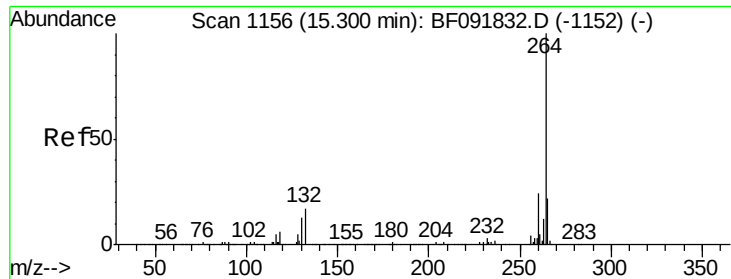


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

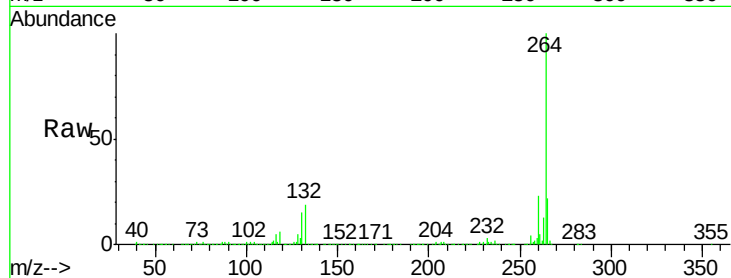




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 597969
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

