

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090902.D
 Acq On : 28 Oct 2016 11:38
 Operator : UM/SJ
 Sample : H5423-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP(0-16FEET)RE

Quant Time: Oct 28 13:23:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

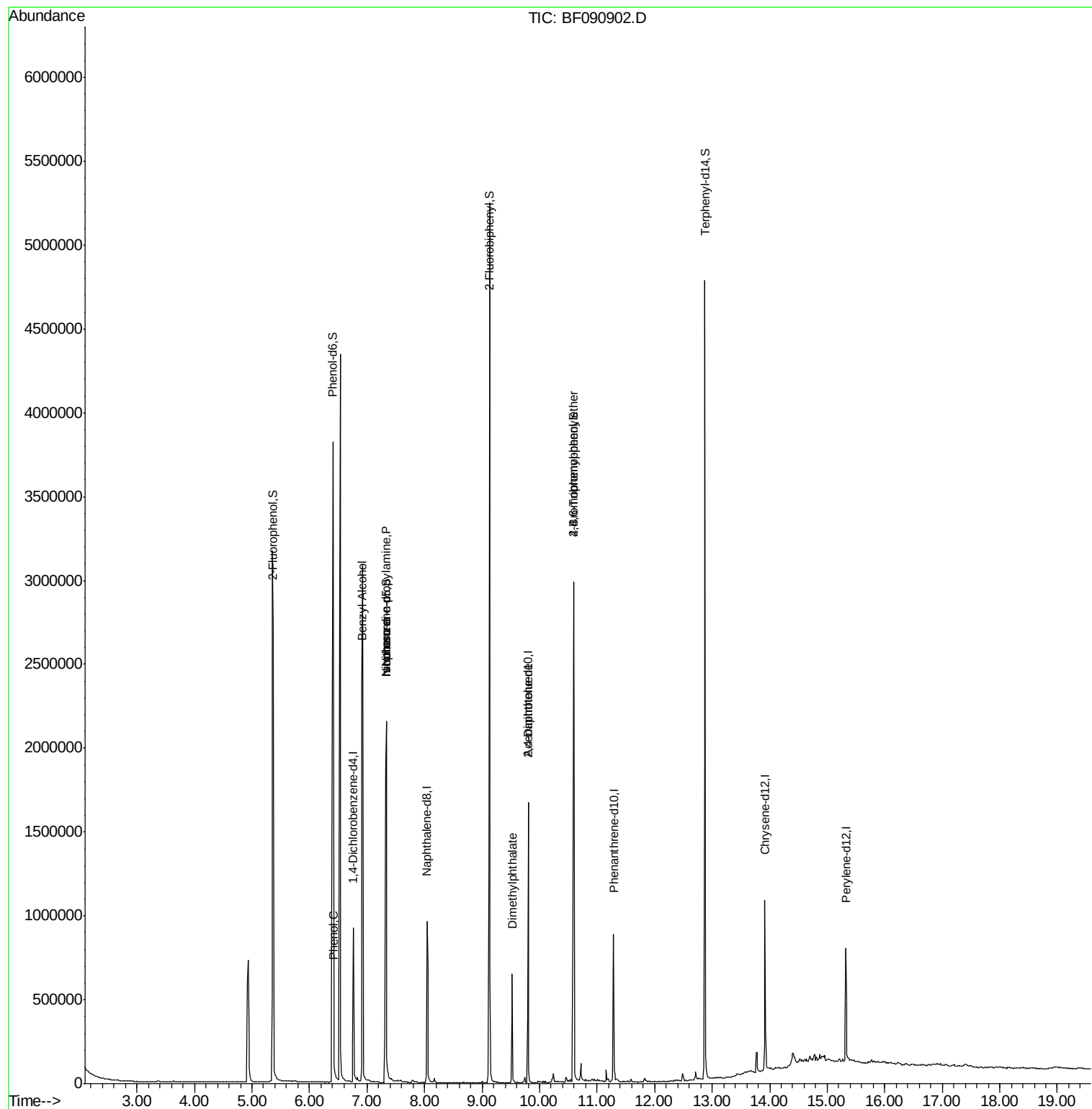
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	152920	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	618701	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	338710	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	497254	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	313879	20.00	ng	-0.03
86) Perylene-d12	15.32	264	295337	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1394721	159.47	ng	0.00
7) Phenol-d6	6.41	99	1708921	144.83	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1189542	125.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	356187	102.33	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1668313	86.49	ng	-0.02
78) Terphenyl-d14	12.88	244	1592993	127.86	ng	-0.02
Target Compounds						
10) Phenol	6.42	94	61864	4.76	ng	Qvalue 74
15) Benzyl Alcohol	6.91	79	19351	2.50	ng	# 32
19) n-Nitroso-di-n-propylamine	7.33	70	159865	23.43	ng	# 49
25) Isophorone	7.33	82	1093936	57.04	ng	# 58
49) Dimethylphthalate	9.53	163	352969	15.60	ng	# 96
56) 2,4-Dinitrotoluene	9.80	165	44913	7.23	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	25326	4.65	ng	# 1

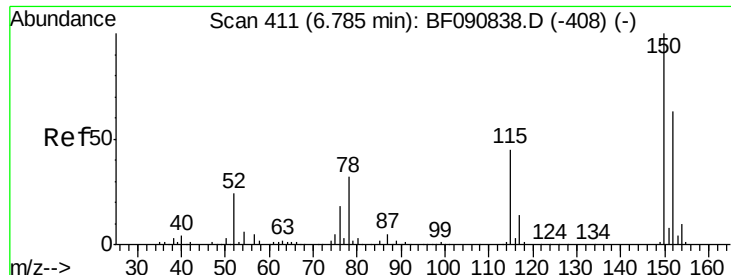
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)RE

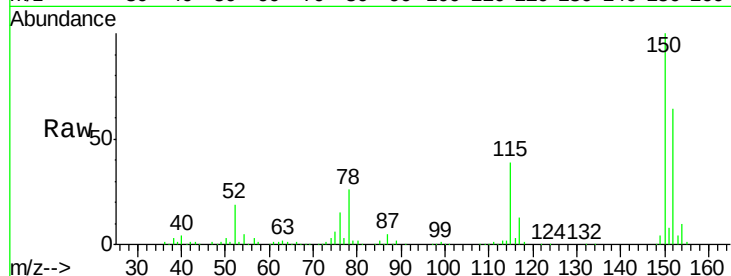
Tgt Ion:152 Resp: 152920

Ion Ratio Lower Upper

152 100

150 156.5 124.7 187.1

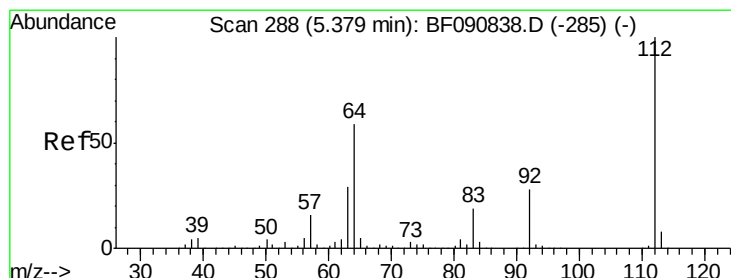
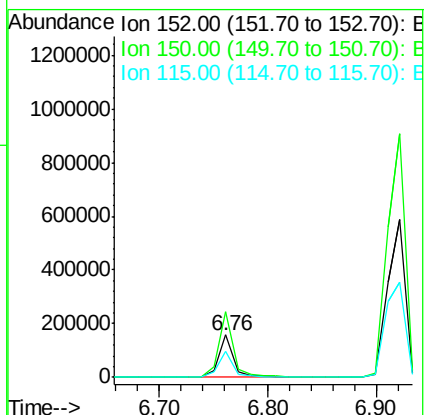
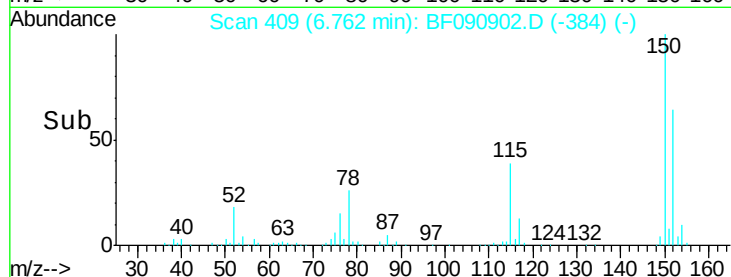
115 61.0 39.0 58.4#



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: 159.47 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

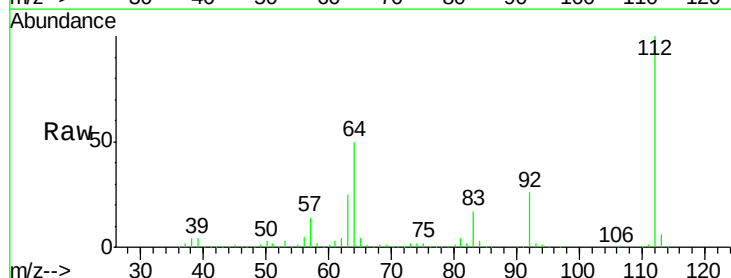
Tgt Ion:112 Resp: 1394721

Ion Ratio Lower Upper

112 100

64 50.4 39.7 59.5

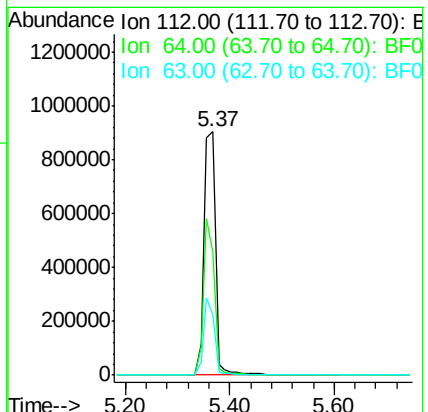
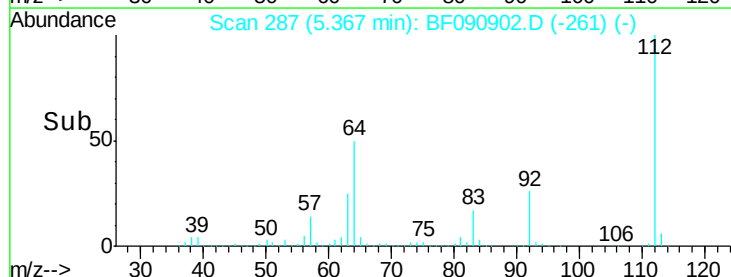
63 24.8 17.4 26.0

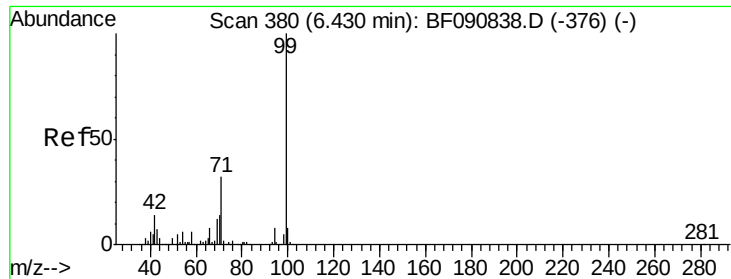


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.83 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)RE

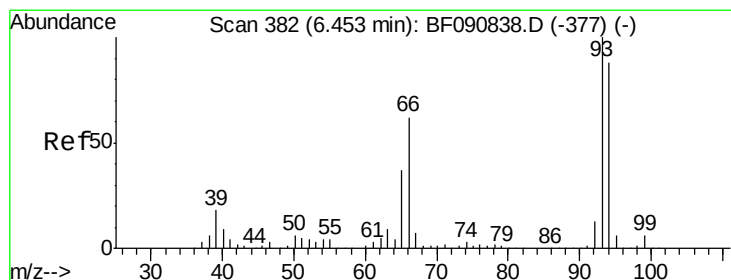
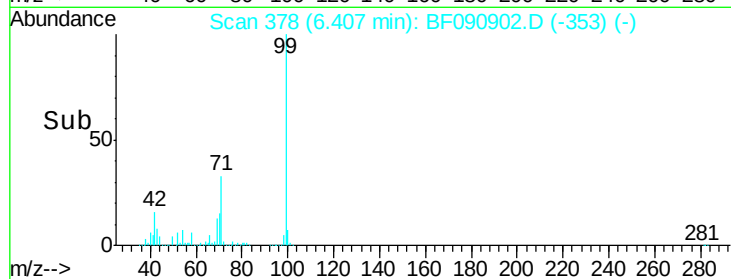
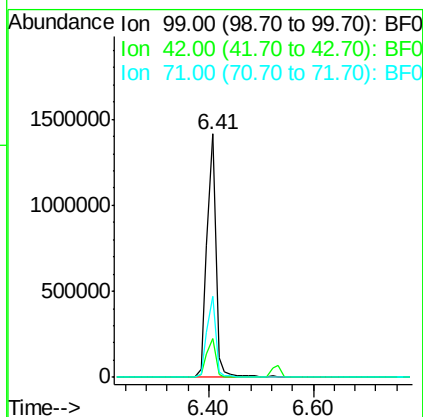
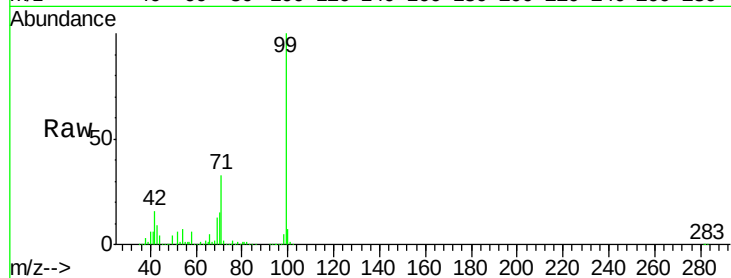
Tgt Ion: 99 Resp: 1708921

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.4 14.2 21.2#



#10

Phenol

Concen: 4.76 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

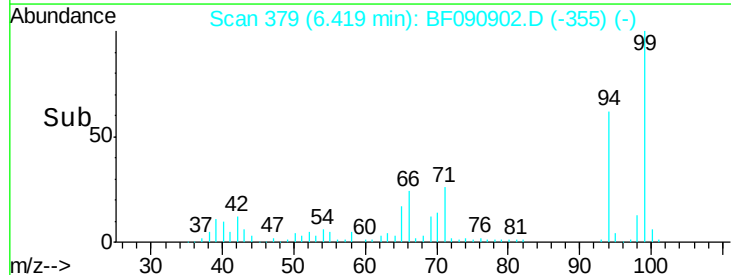
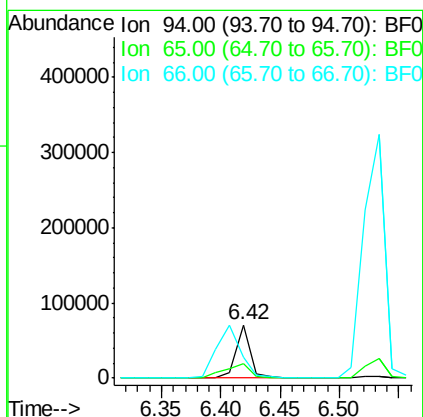
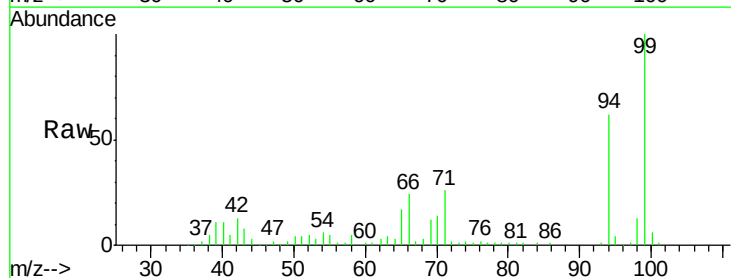
Tgt Ion: 94 Resp: 61864

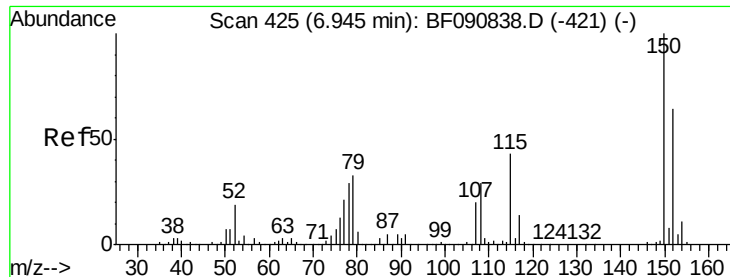
Ion Ratio Lower Upper

94 100

65 27.5 0.7 40.7

66 38.7 0.8 40.8

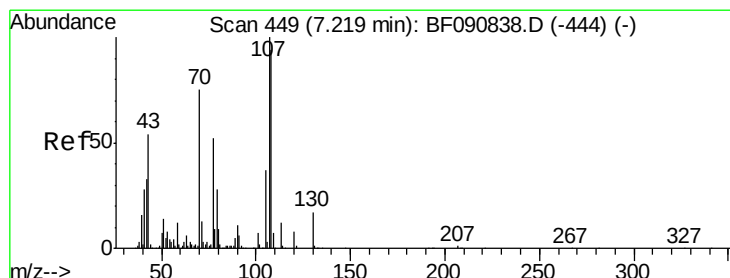
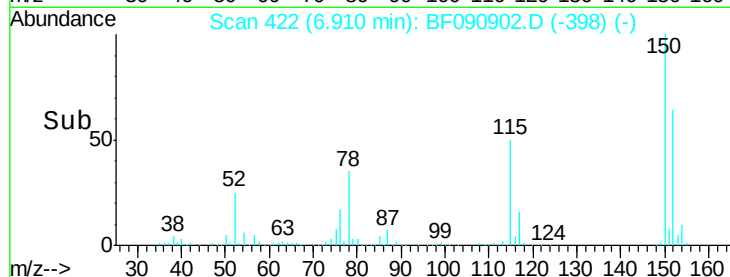
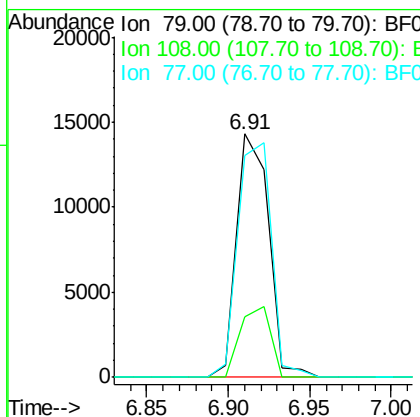
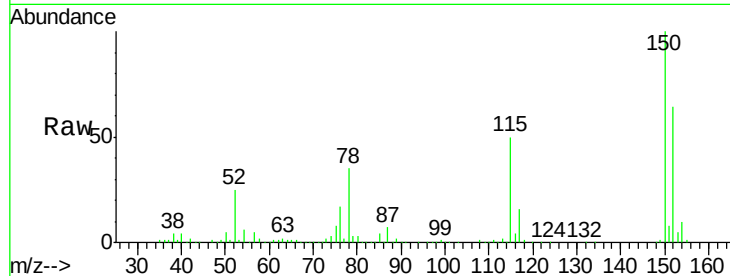




#15
Benzyl Alcohol
Concen: 2.50 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

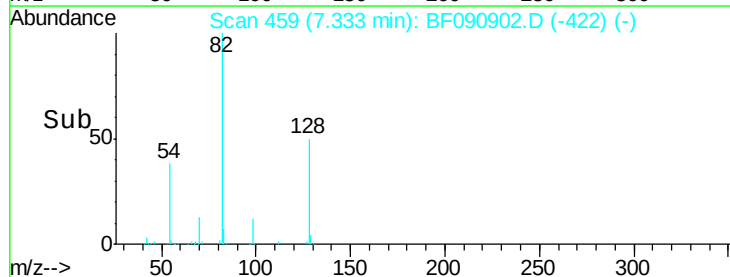
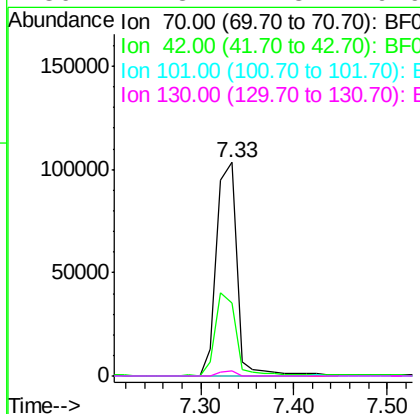
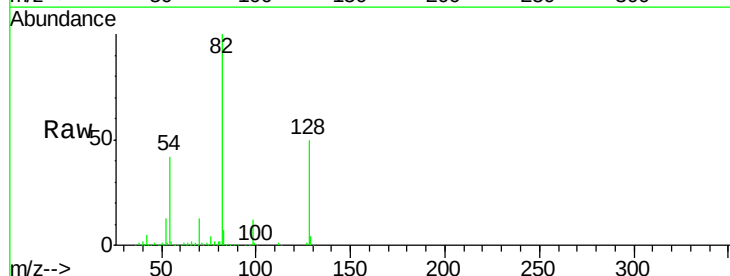
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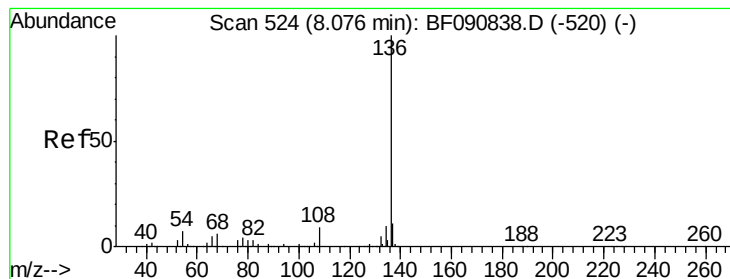
Tgt Ion: 79 Resp: 19351
Ion Ratio Lower Upper
79 100
108 24.6 88.6 132.8#
77 91.1 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 23.43 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

Tgt Ion: 70 Resp: 159865
Ion Ratio Lower Upper
70 100
42 34.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)RE

Tgt Ion: 136 Resp: 618701

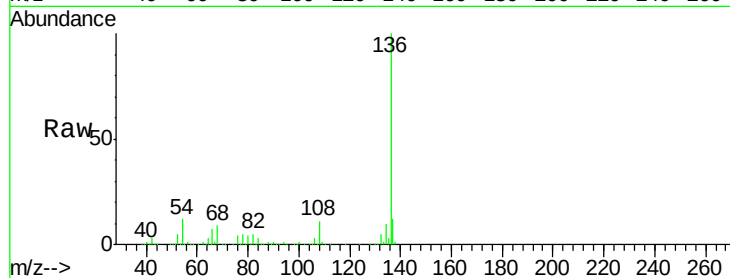
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.5 8.2 12.2

68 9.1 5.8 8.6#

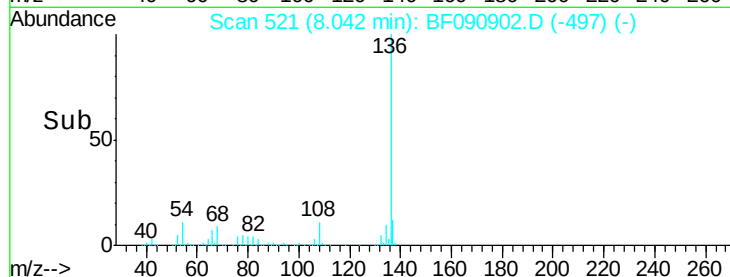


Abundance Ion 136.00 (135.70 to 136.70): E

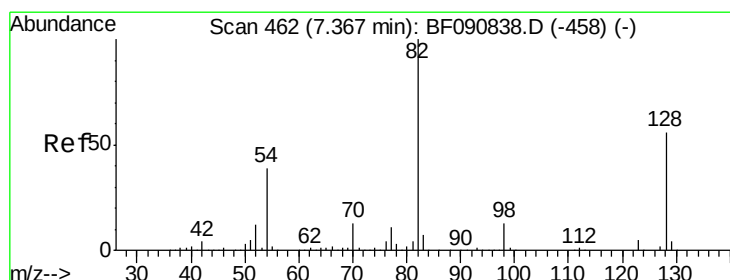
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 125.86 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

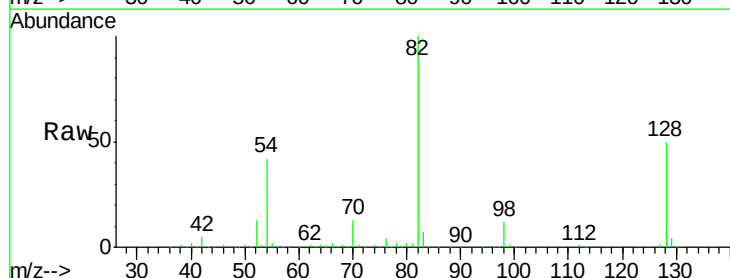
Tgt Ion: 82 Resp: 1189542

Ion Ratio Lower Upper

82 100

128 49.7 51.0 76.6#

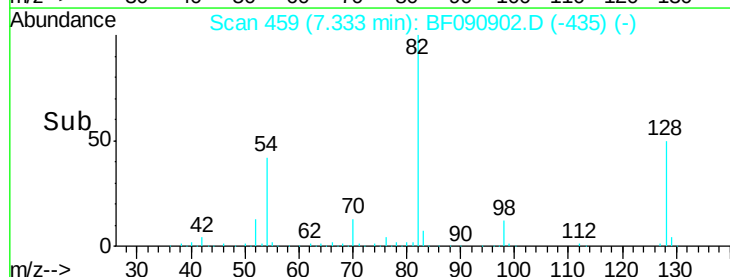
54 42.2 47.5 71.3#



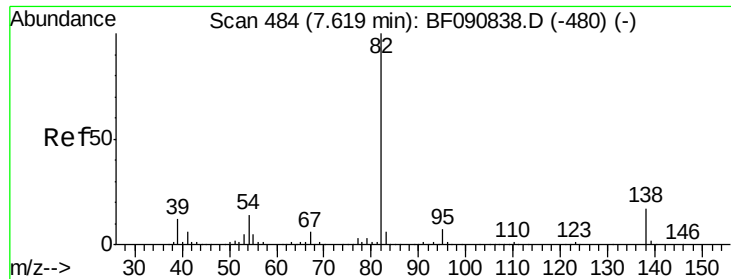
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 57.04 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)RE

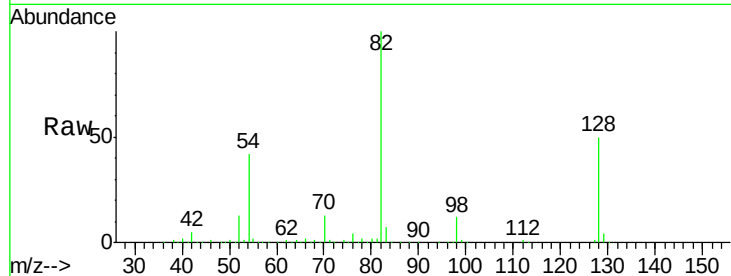
Tgt Ion: 82 Resp: 1093936

Ion Ratio Lower Upper

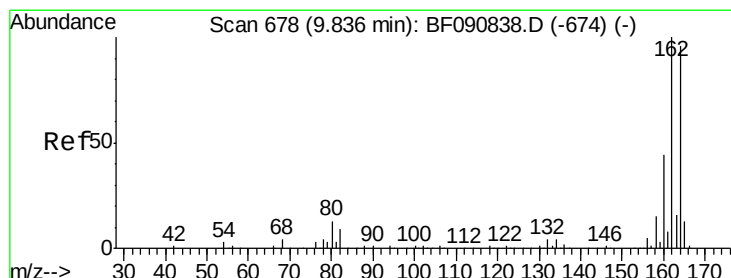
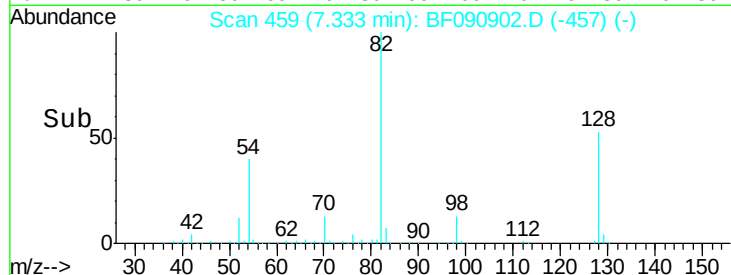
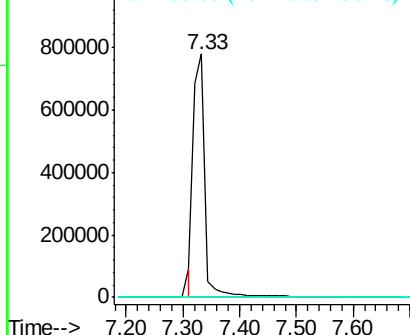
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF090902.D

Acq: 28 Oct 2016 11:38

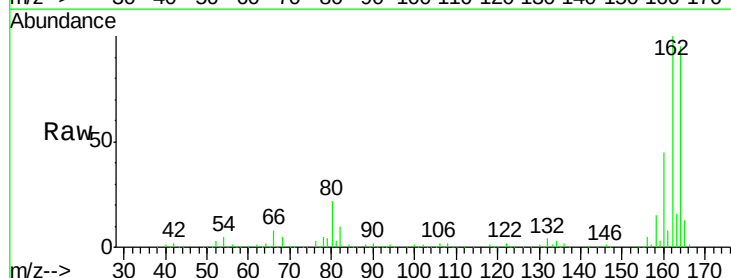
Tgt Ion: 164 Resp: 338710

Ion Ratio Lower Upper

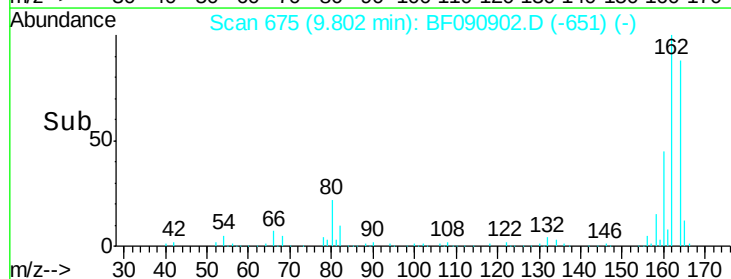
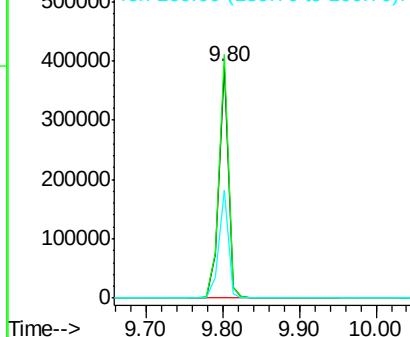
164 100

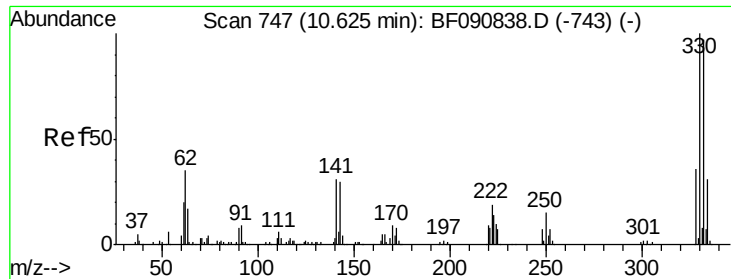
162 104.9 75.2 112.8

160 46.8 31.5 47.3



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

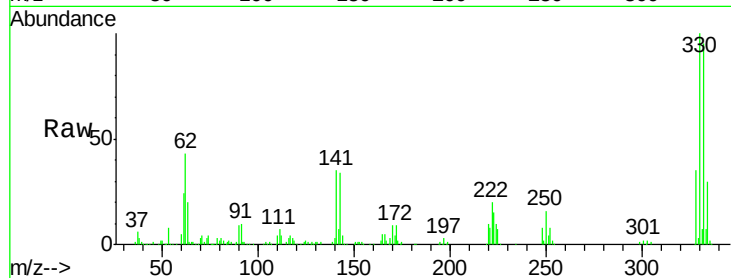




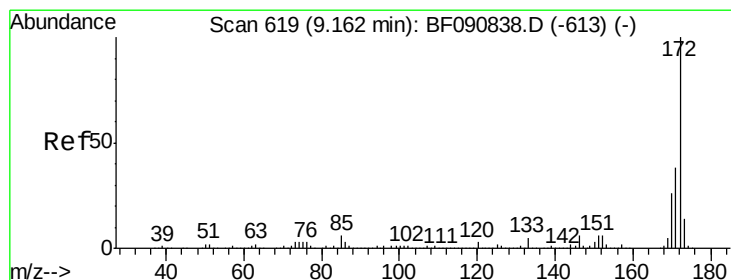
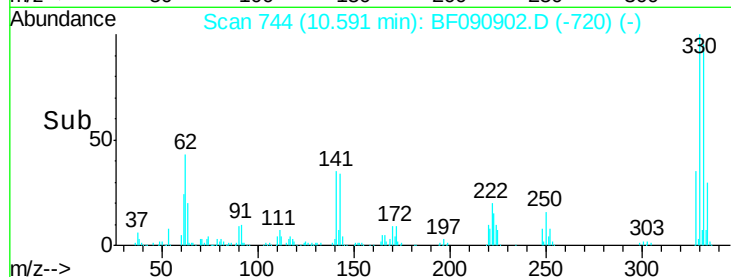
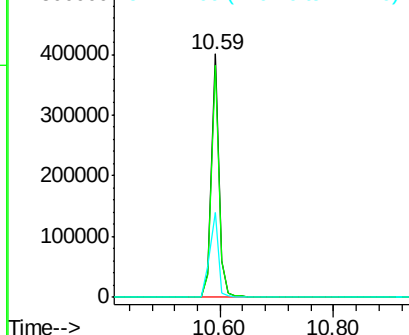
#41
 2,4,6-Tribromophenol
 Concen: 102.33 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF090902.D
 Acq: 28 Oct 2016 11:38

Instrument :
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Tgt Ion:330 Resp: 356187
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 39.5 29.7 44.5

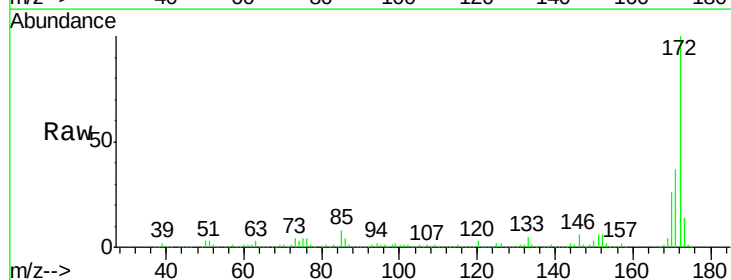


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

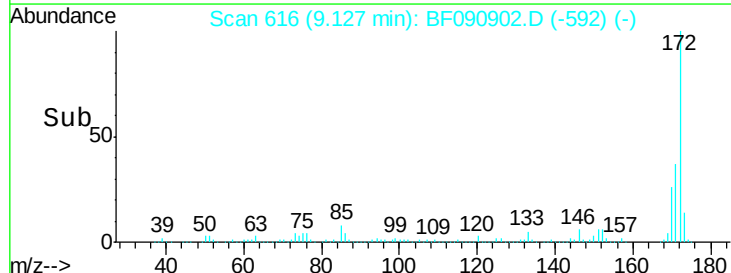
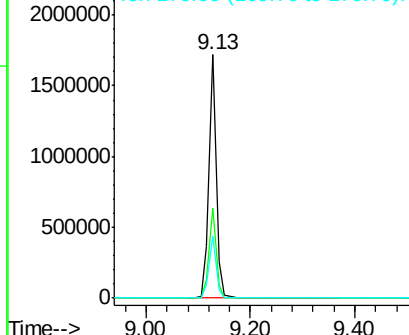


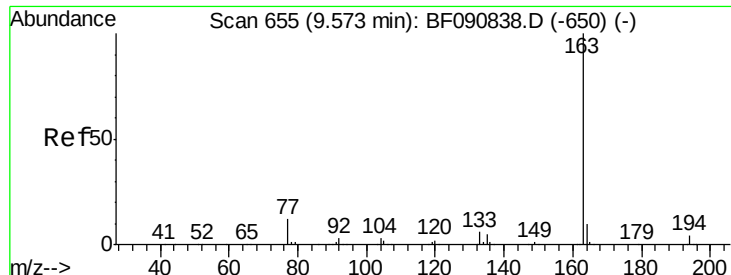
#44
 2-Fluorobiphenyl
 Concen: 86.49 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF090902.D
 Acq: 28 Oct 2016 11:38

Tgt Ion:172 Resp: 1668313
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.6 17.4 26.2



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

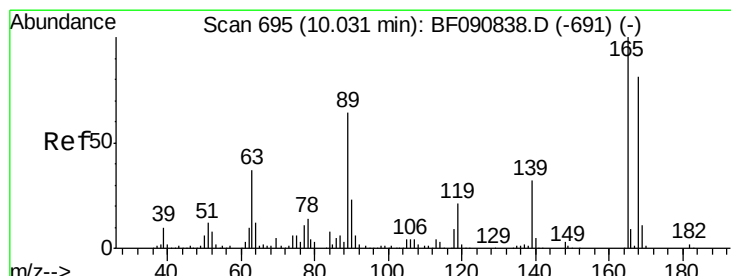
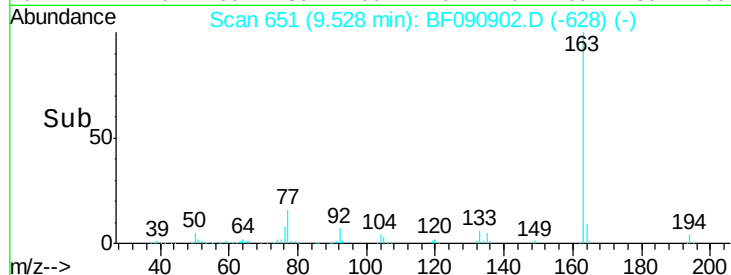
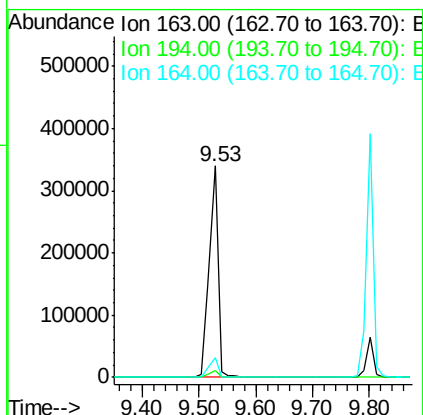
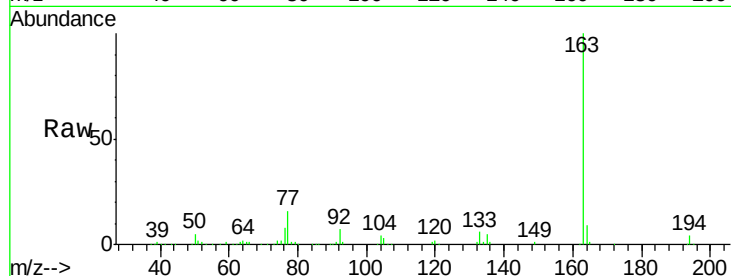




#49
Dimethylphthalate
Concen: 15.60 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

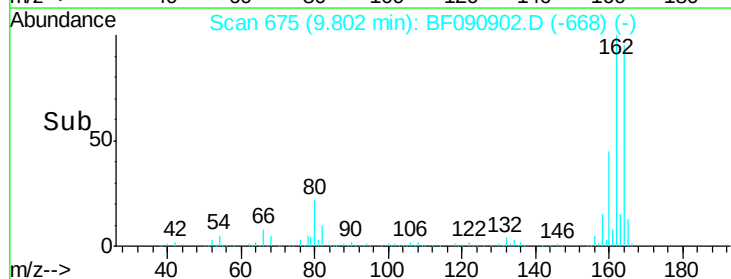
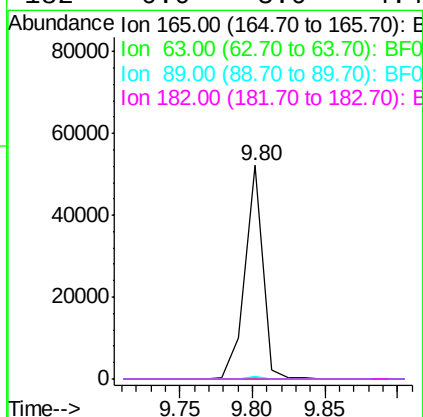
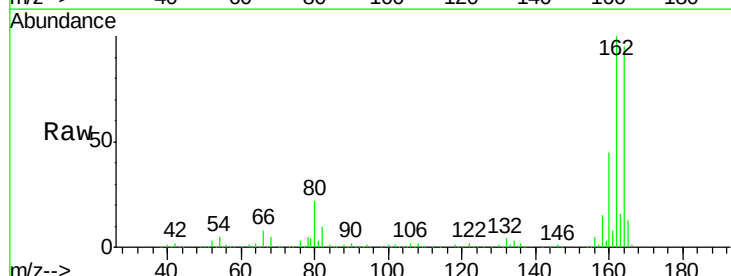
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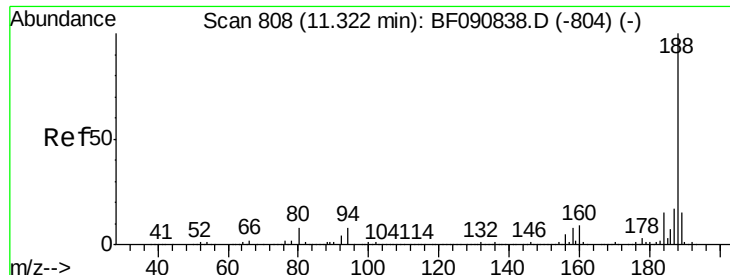
Tgt Ion:163 Resp: 352969
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.3 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.22 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

Tgt Ion:165 Resp: 44913
Ion Ratio Lower Upper
165 100
63 0.8 29.8 44.6#
89 1.0 44.5 66.7#
182 0.0 3.0 4.4#

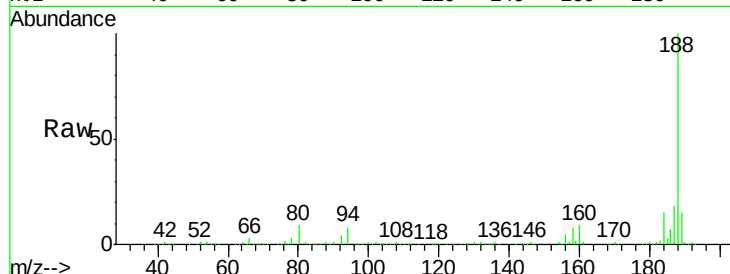




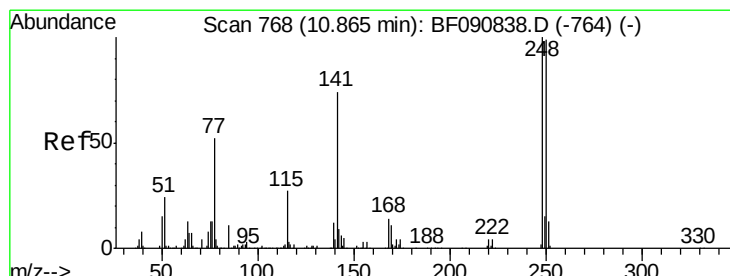
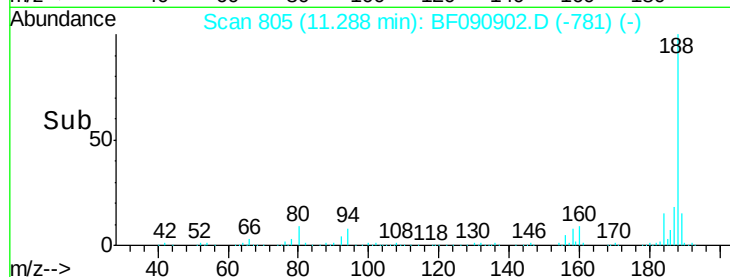
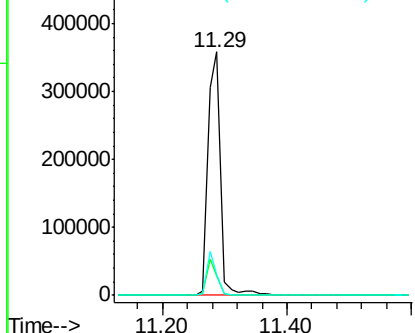
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF090902.D
 Acq: 28 Oct 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP(0-16FEET)RE

Tgt Ion:188 Resp: 497254
 Ion Ratio Lower Upper
 188 100
 94 7.9 11.1 16.7#
 80 8.6 11.0 16.4#

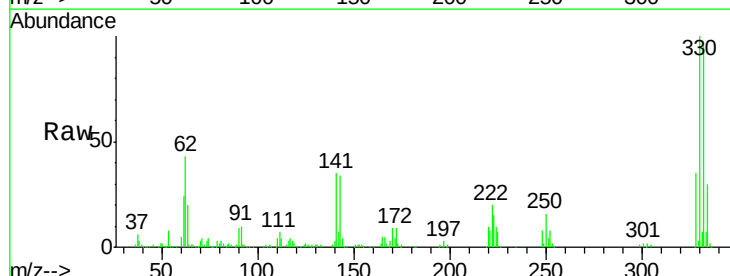


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

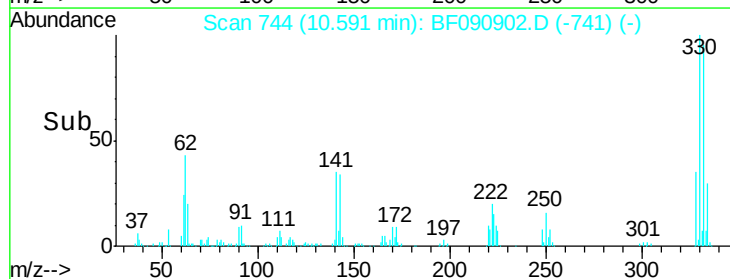
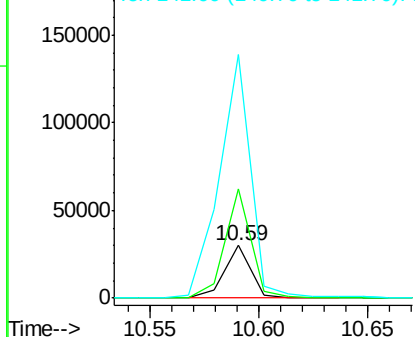


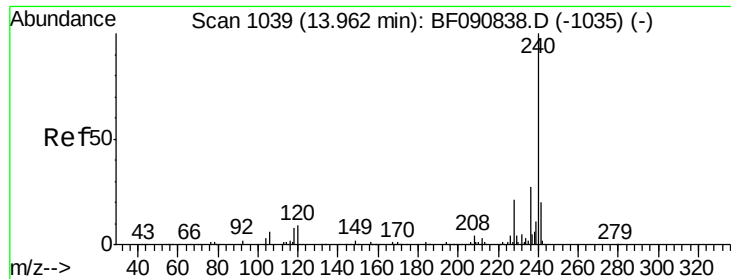
#66
 4-Bromophenyl-phenylether
 Concen: 4.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.26 min
 Lab File: BF090902.D
 Acq: 28 Oct 2016 11:38

Tgt Ion:248 Resp: 25326
 Ion Ratio Lower Upper
 248 100
 250 207.1 78.5 117.7#
 141 460.7 59.0 88.6#



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

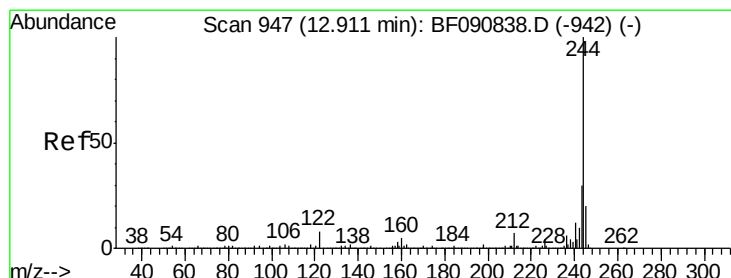
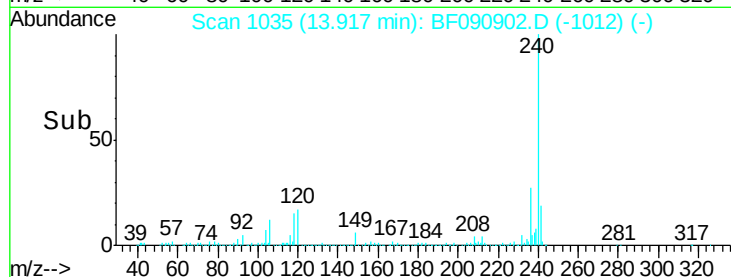
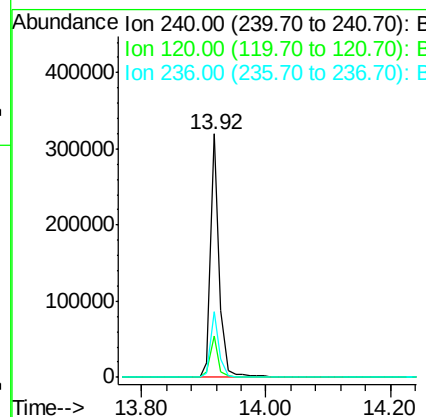
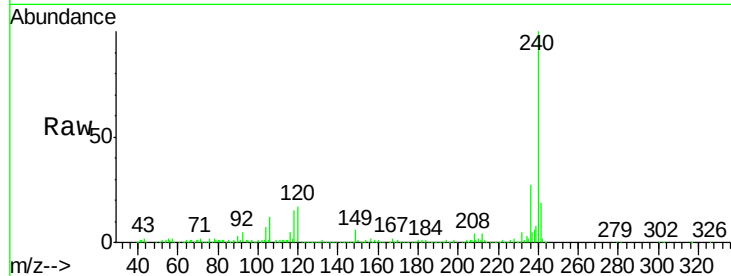




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

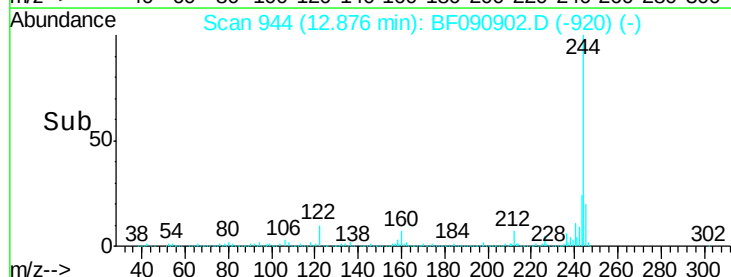
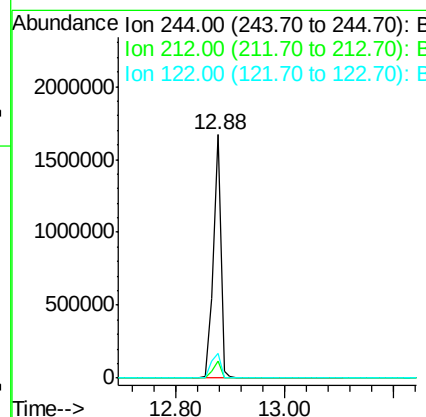
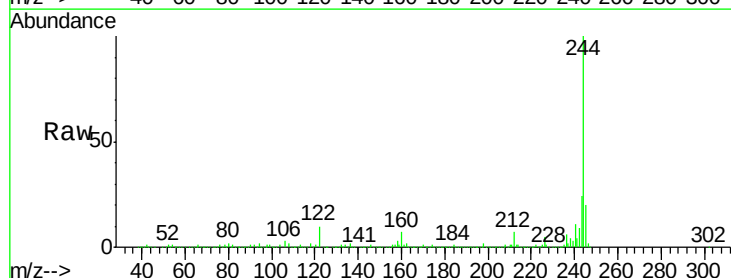
Instrument :
BNA_F
ClientSampleId :
SB-8COMP(0-16FEET)RE

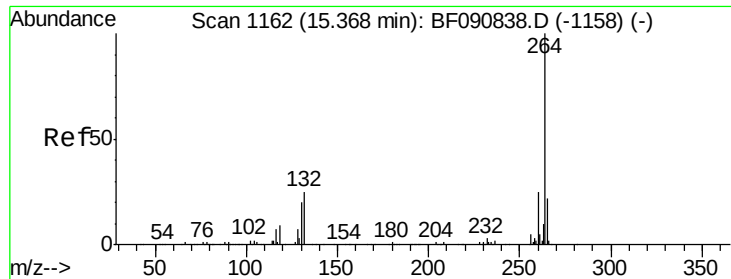
Tgt Ion:240 Resp: 313879
Ion Ratio Lower Upper
240 100
120 16.7 16.2 24.2
236 27.0 18.4 27.6



#78
Terphenyl-d14
Concen: 127.86 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF090902.D
Acq: 28 Oct 2016 11:38

Tgt Ion:244 Resp: 1592993
Ion Ratio Lower Upper
244 100
212 7.3 4.3 6.5#
122 10.1 17.4 26.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF090902.D

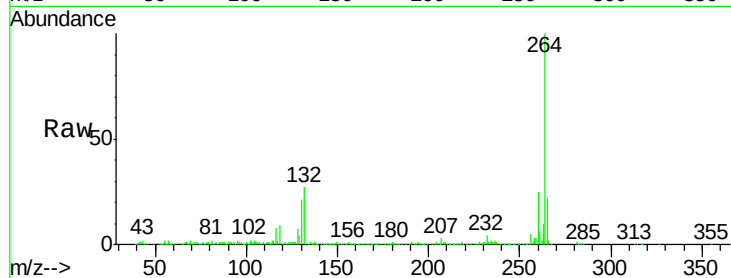
Acq: 28 Oct 2016 11:38

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)RE



Tgt Ion: 264 Resp: 295337

Ion Ratio Lower Upper

264 100

260 25.2 16.7 25.1#

265 22.0 17.2 25.8

