

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090916.D
 Acq On : 28 Oct 2016 18:55
 Operator : UM/SJ
 Sample : H5439-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

Quant Time: Oct 28 23:05:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

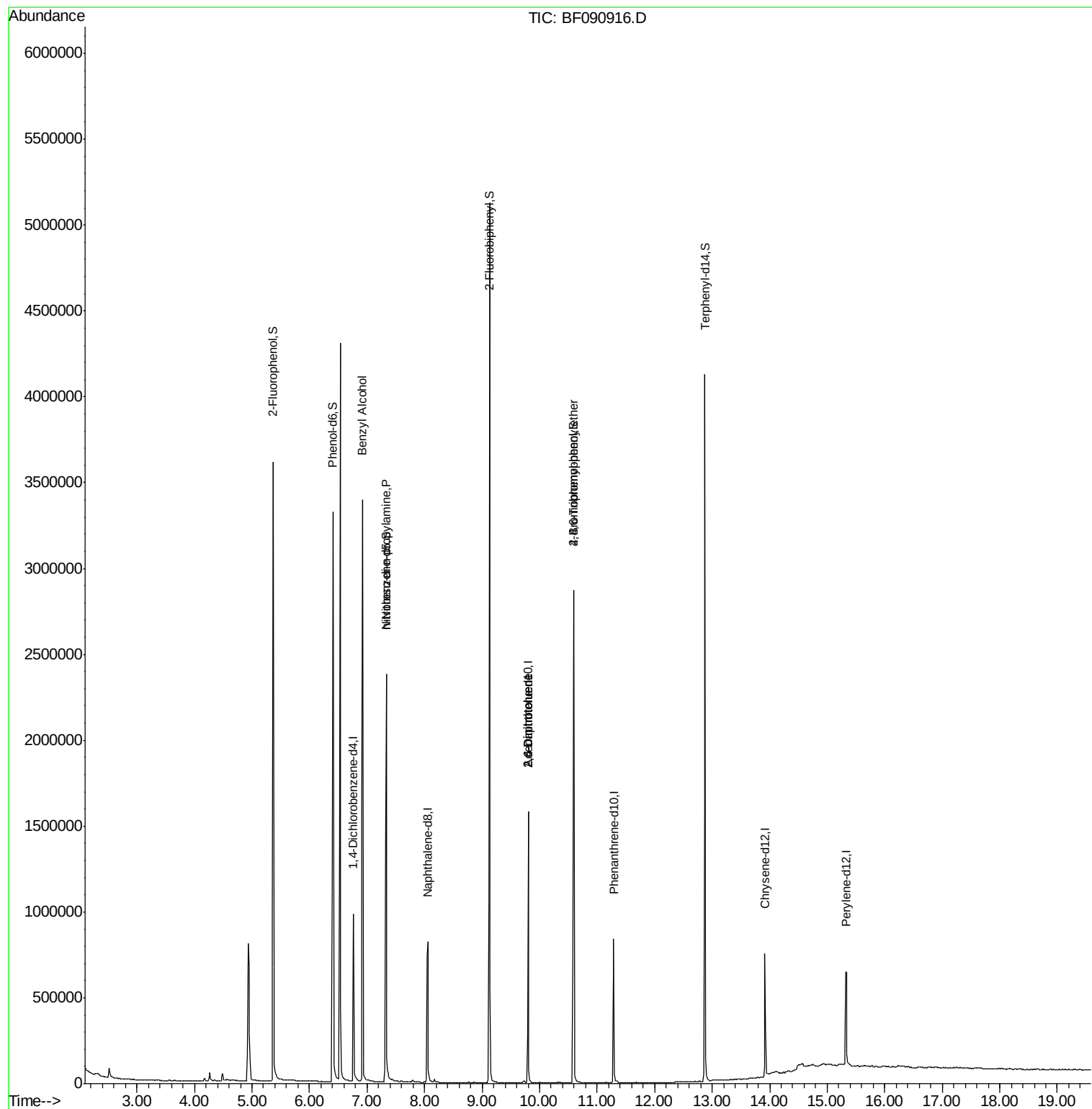
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149710	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	576597	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	306897	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	425208	20.00	ng	0.00
75) Chrysene-d12	13.92	240	254733	20.00	ng	-0.01
86) Perylene-d12	15.33	264	286238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1091780	127.51	ng	0.01
7) Phenol-d6	6.41	99	1310385	113.43	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1093806	124.19	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	341878	108.40	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1573196	90.01	ng	-0.01
78) Terphenyl-d14	12.88	244	1376174	136.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	17480	2.30	ng	# 29
19) n-Nitroso-di-n-propylamine	7.33	70	147722	22.12	ng	# 50
50) 2,6-Dinitrotoluene	9.80	165	39503	8.72	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	39505	7.02	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	24607	5.28	ng	# 1

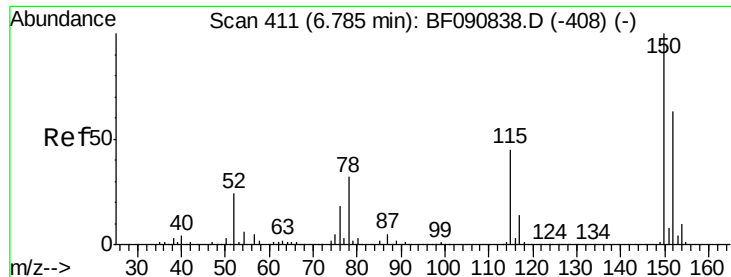
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

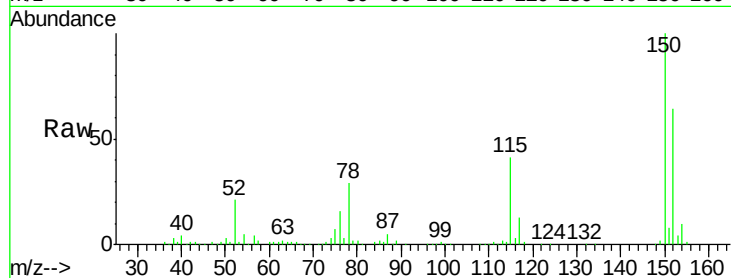
Tgt Ion:152 Resp: 149710

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

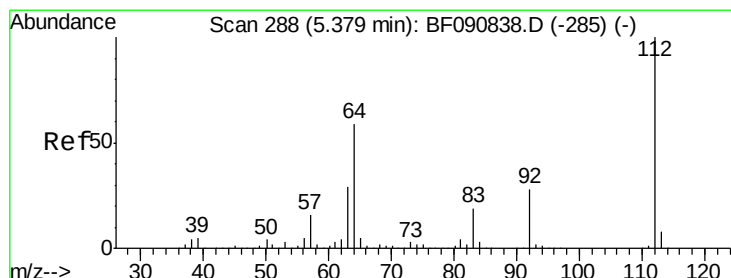
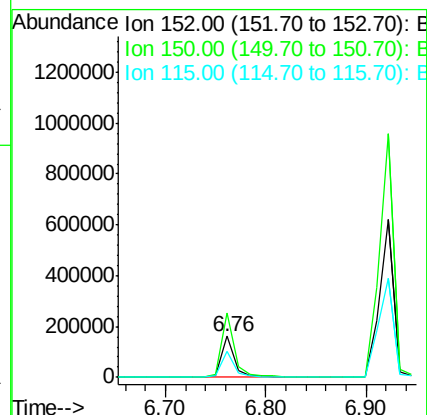
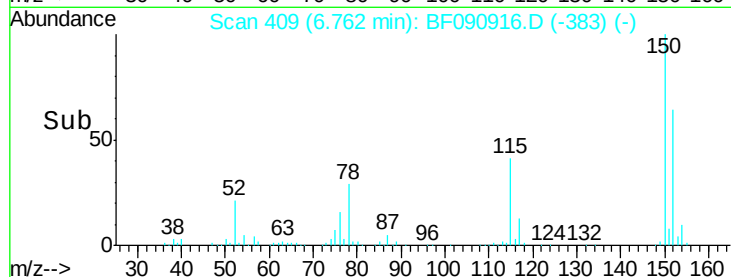
115 64.5 39.0 58.4#



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: 127.51 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

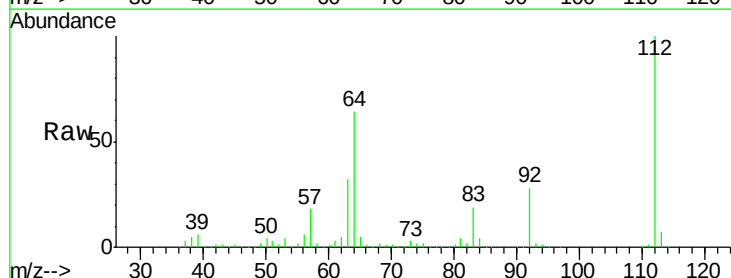
Tgt Ion:112 Resp: 1091780

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

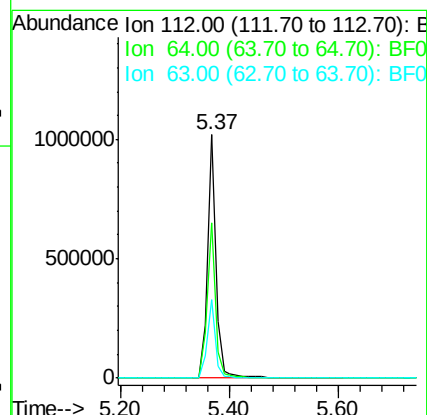
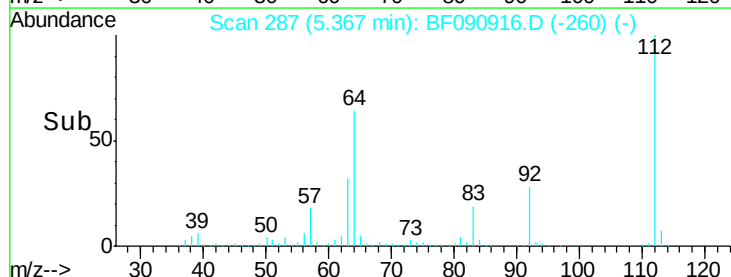
63 32.0 17.4 26.0#

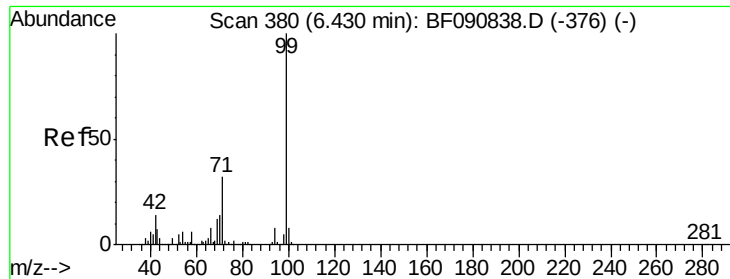


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.43 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

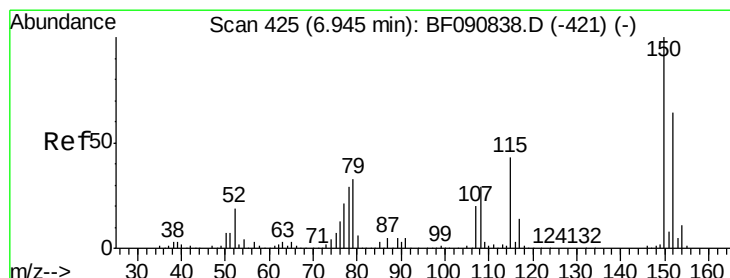
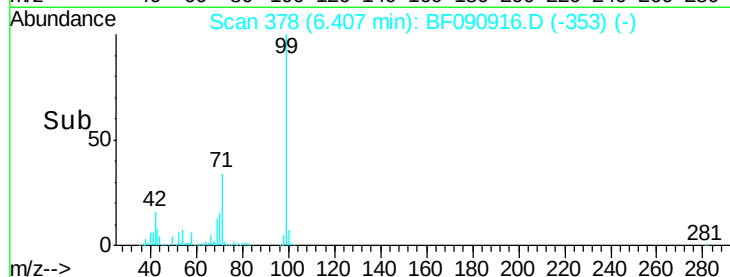
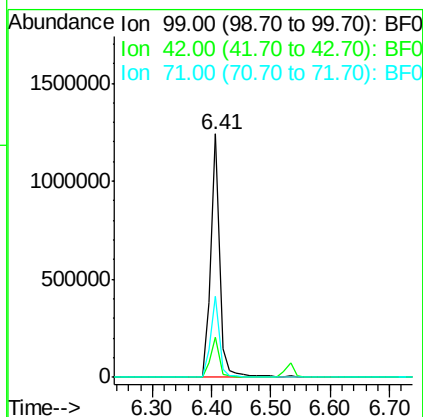
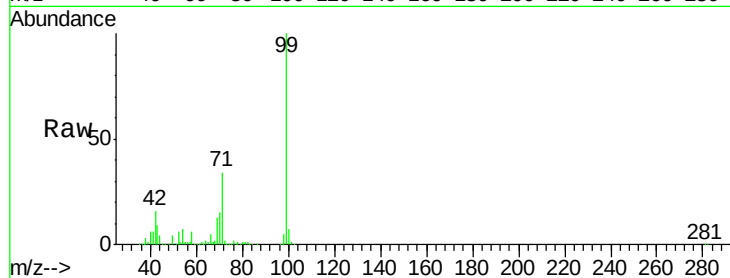
Tgt Ion: 99 Resp: 1310385

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

71 33.5 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

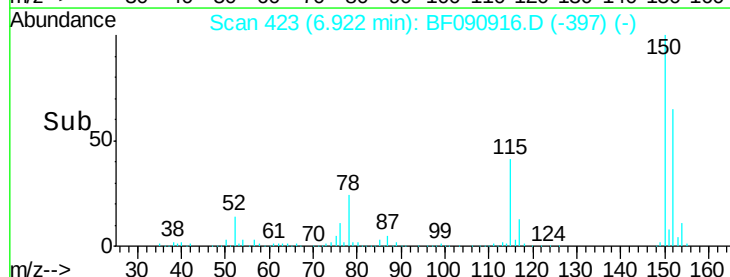
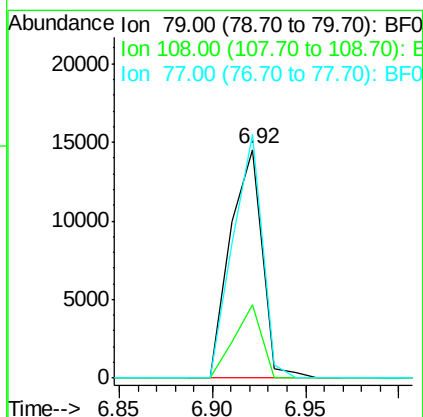
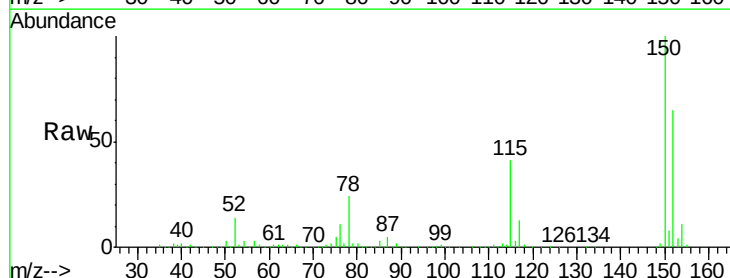
Tgt Ion: 79 Resp: 17480

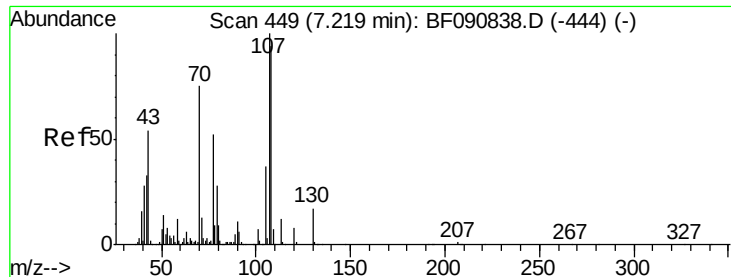
Ion Ratio Lower Upper

79 100

108 31.9 88.6 132.8#

77 106.4 47.0 70.4#





#19

n-Nitroso-di-n-propylamine

Concen: 22.12 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

Tgt Ion: 70 Resp: 147722

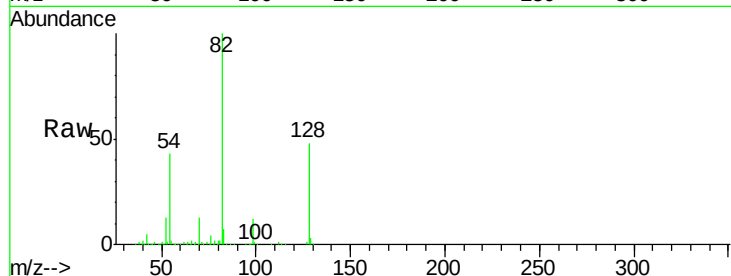
Ion Ratio Lower Upper

70 100

42 35.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

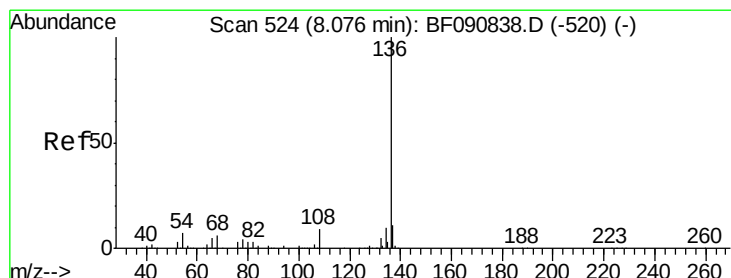
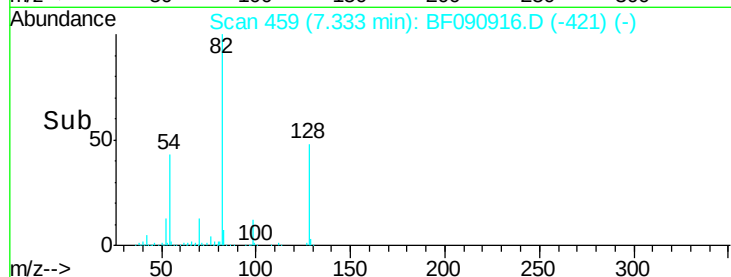
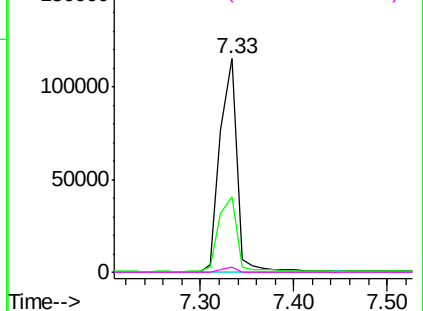


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Tgt Ion: 136 Resp: 576597

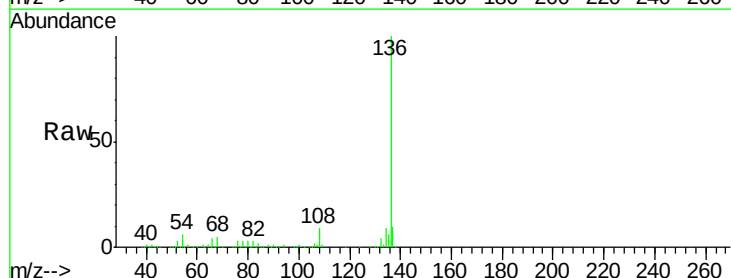
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 5.9 8.2 12.2#

68 5.4 5.8 8.6#

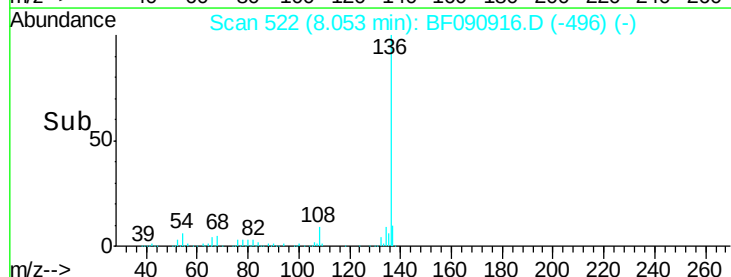
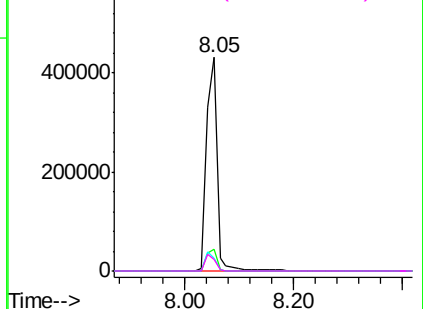


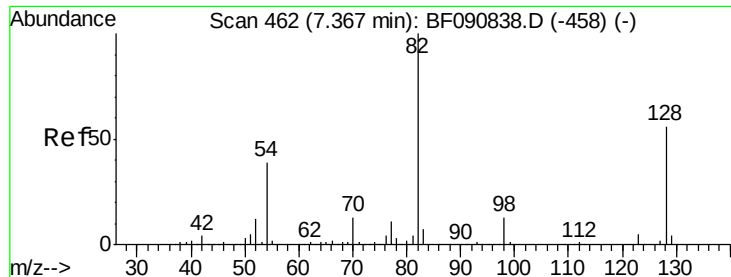
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 124.19 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

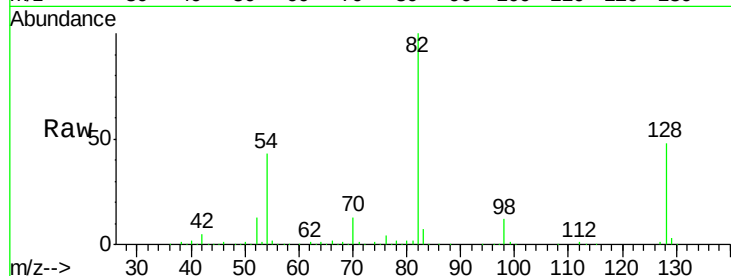
Tgt Ion: 82 Resp: 1093806

Ion Ratio Lower Upper

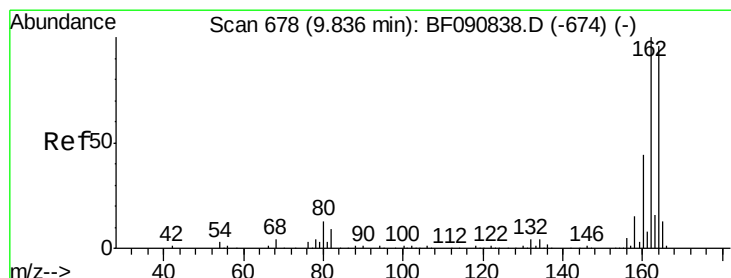
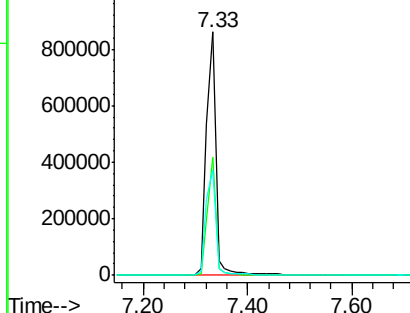
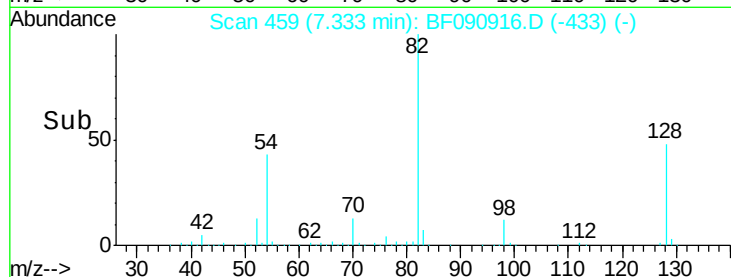
82 100

128 48.3 51.0 76.6#

54 43.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

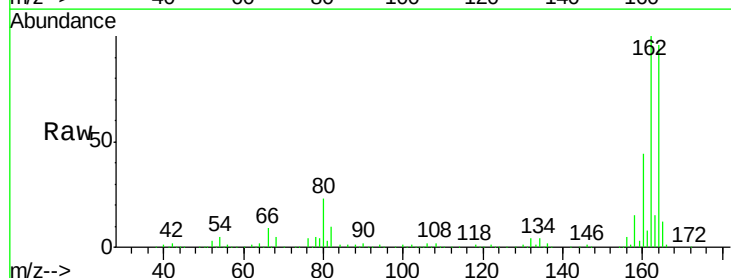
Tgt Ion: 164 Resp: 306897

Ion Ratio Lower Upper

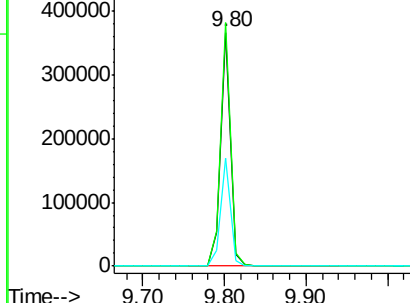
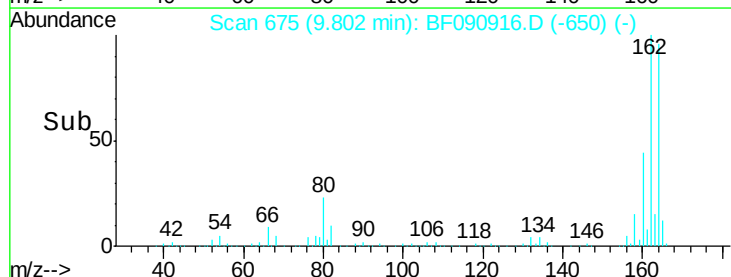
164 100

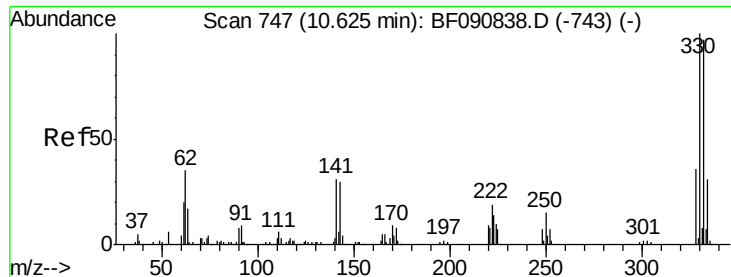
162 104.2 75.2 112.8

160 46.2 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

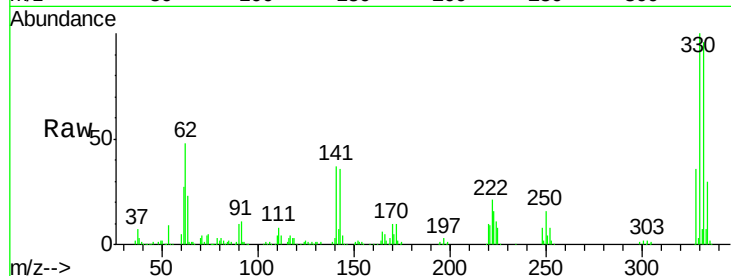




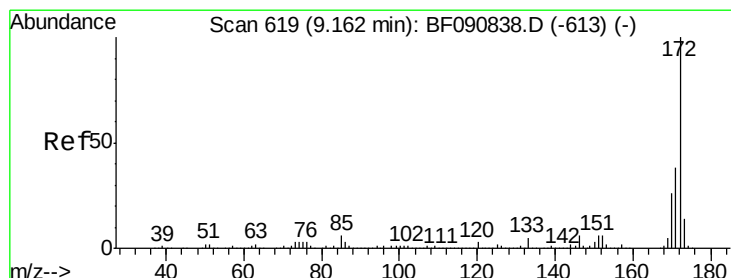
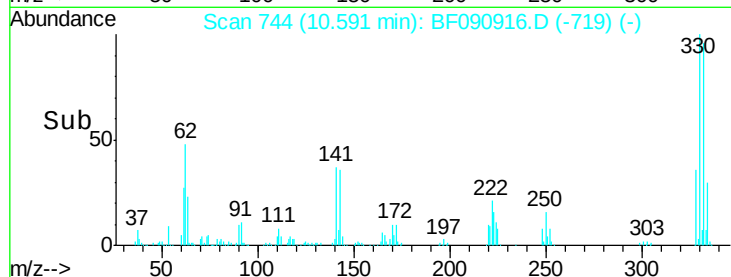
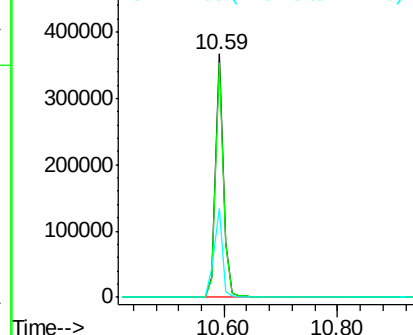
#41
 2,4,6-Tribromophenol
 Concen: 108.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

Tgt Ion:330 Resp: 341878
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.8 29.7 44.5

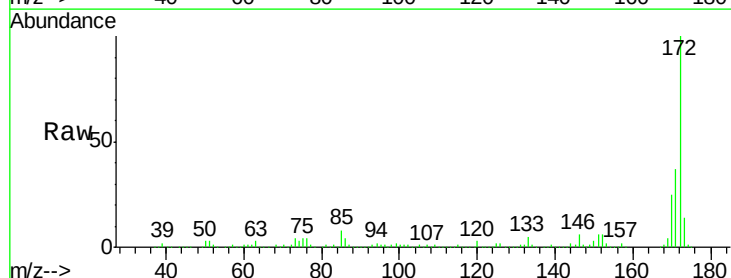


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

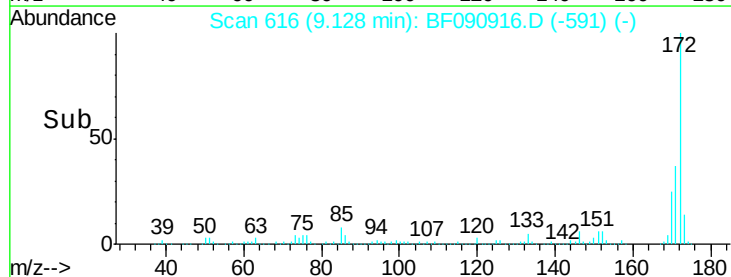
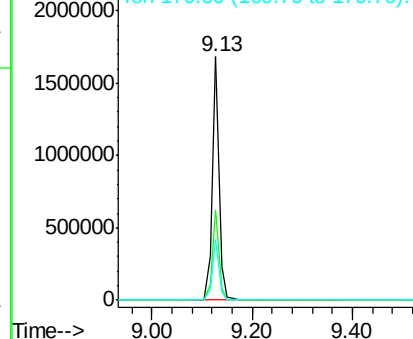


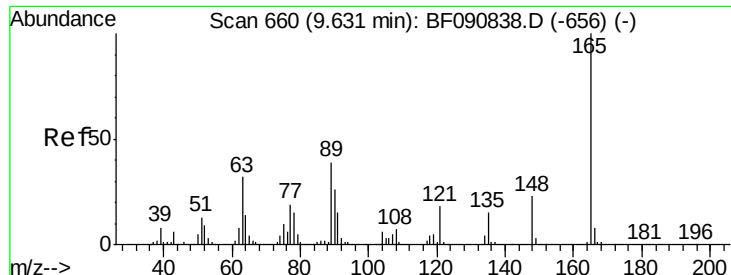
#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Tgt Ion:172 Resp: 1573196
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.1 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

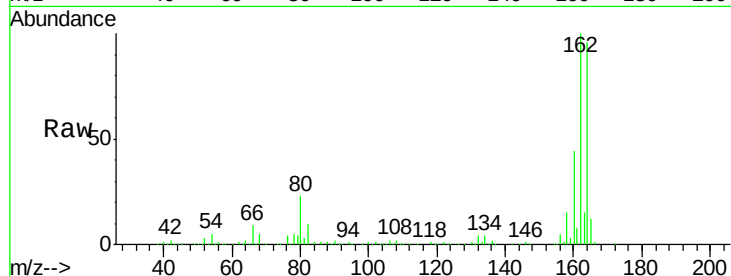




#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP(0-16FEET)

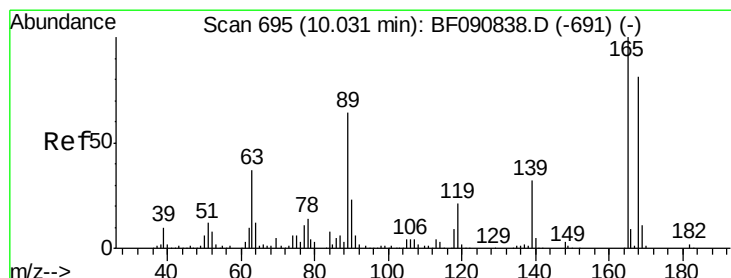
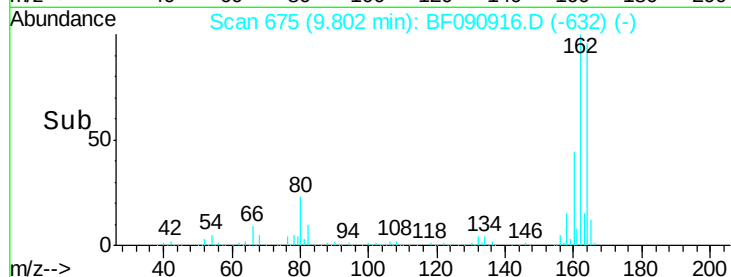
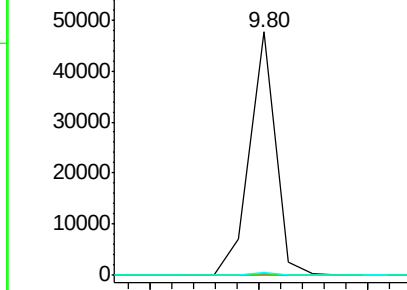
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	32.3	48.5#
89	1.1	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

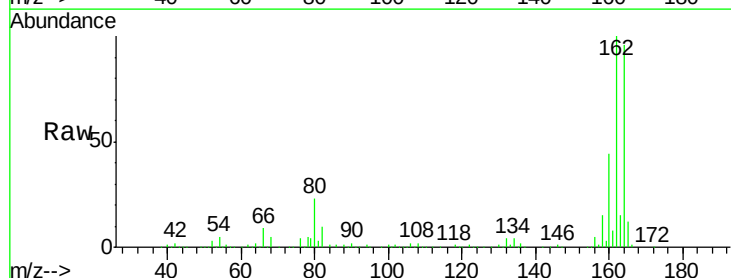
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF090916.D
 Acq: 28 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

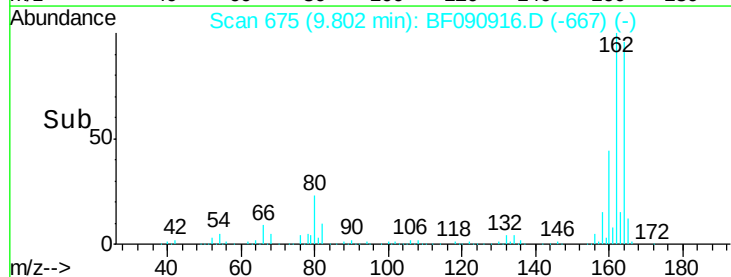
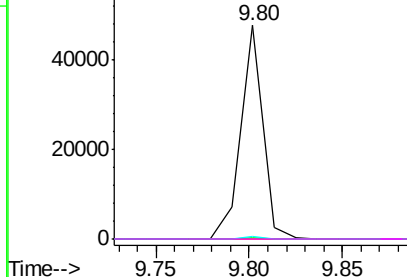


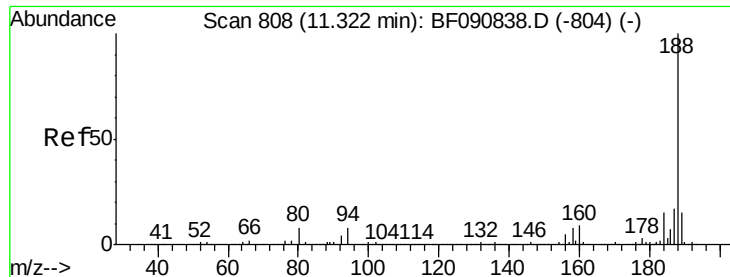
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

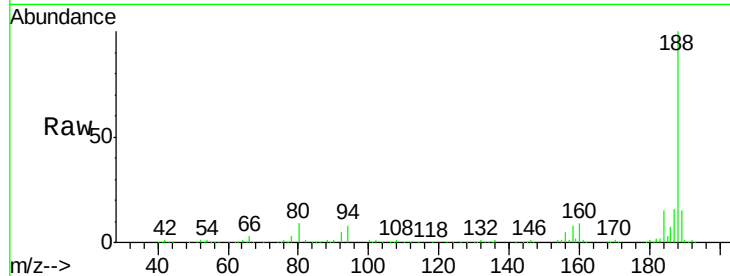




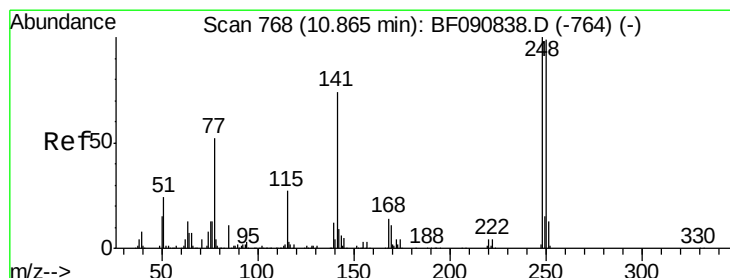
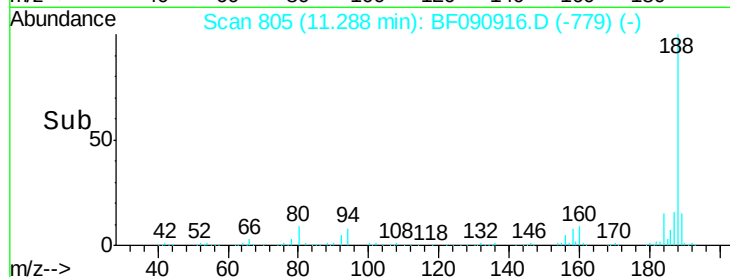
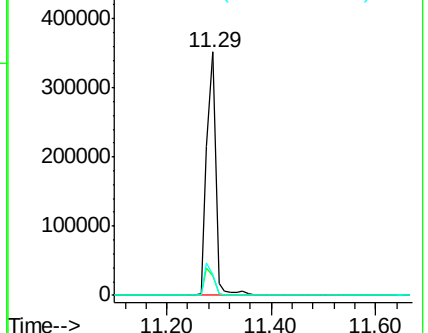
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090916.D
Acq: 28 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-10COMP(0-16FEET)

Tgt Ion:188 Resp: 425208
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.6 11.0 16.4#

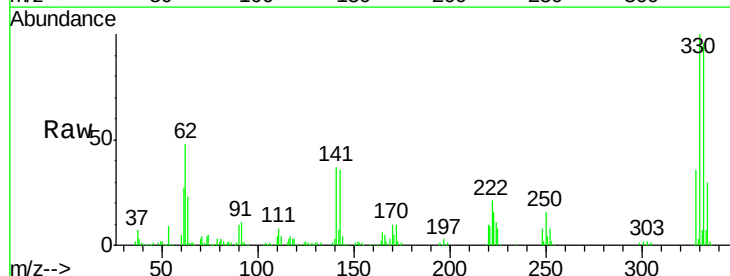


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

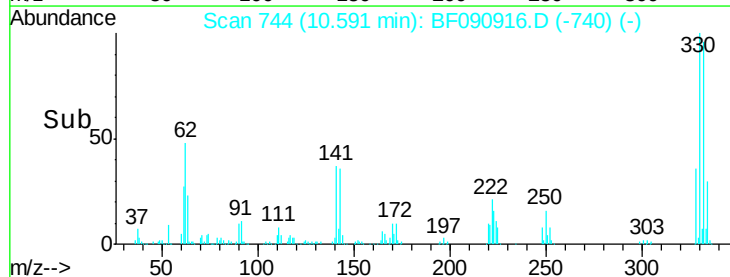
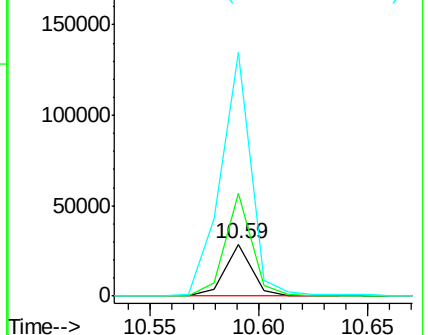


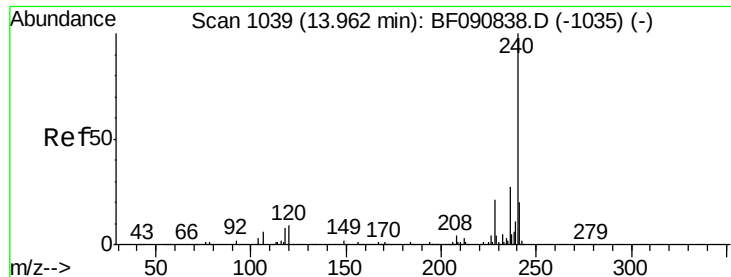
#66
4-Bromophenyl-phenylether
Concen: 5.28 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF090916.D
Acq: 28 Oct 2016 18:55

Tgt Ion:248 Resp: 24607
Ion Ratio Lower Upper
248 100
250 199.0 78.5 117.7#
141 468.9 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. -0.01 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-10COMP(0-16FEET)

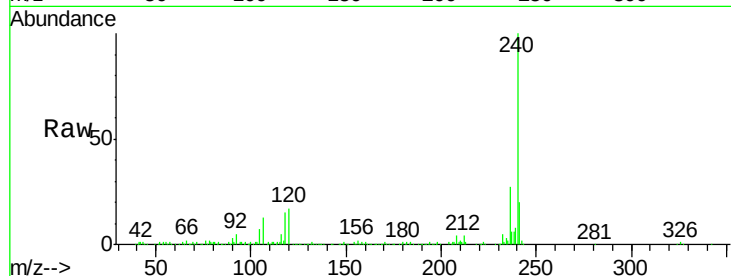
Tgt Ion:240 Resp: 254733

Ion Ratio Lower Upper

240 100

120 17.2 16.2 24.2

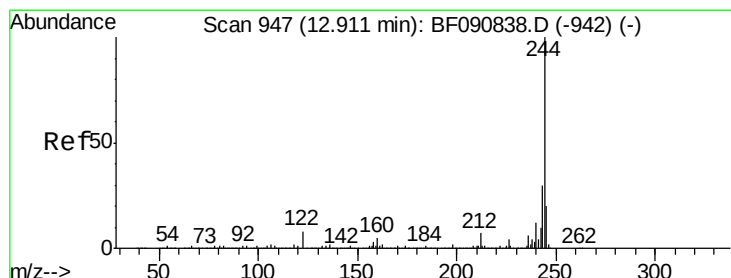
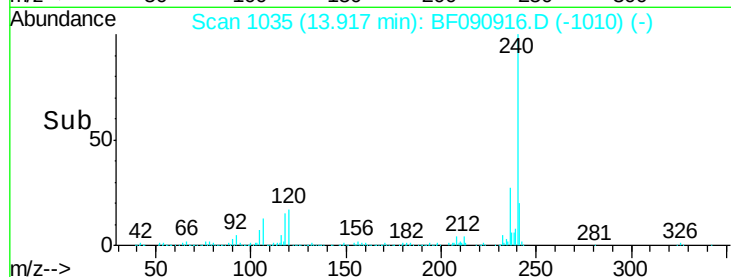
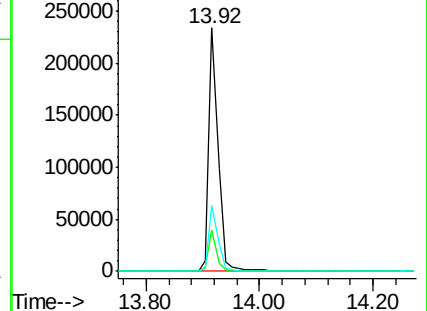
236 27.1 18.4 27.6



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: 136.11 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090916.D

Acq: 28 Oct 2016 18:55

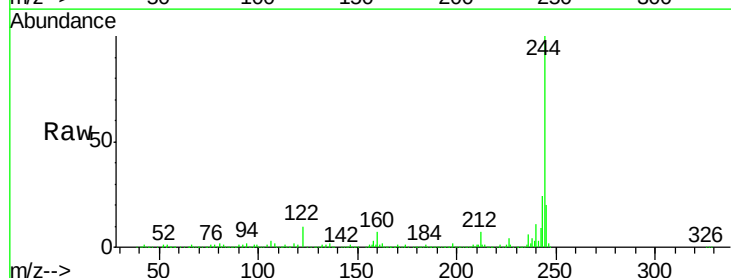
Tgt Ion:244 Resp: 1376174

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

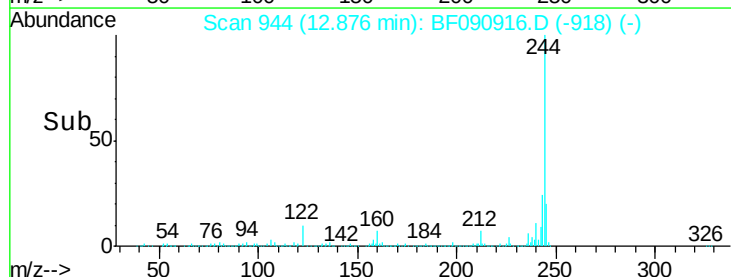
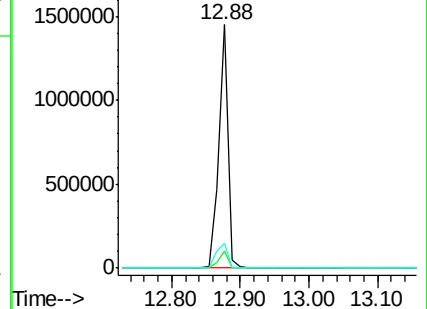
122 10.2 17.4 26.2#

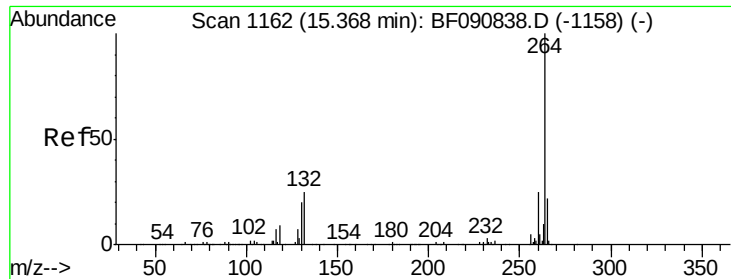


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090916.D
Acq: 28 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-10COMP(0-16FEET)

Tgt Ion: 264 Resp: 286238
Ion Ratio Lower Upper
264 100
260 24.8 16.7 25.1
265 21.7 17.2 25.8

