

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090957.D
 Acq On : 1 Nov 2016 18:10
 Operator : UM/SJ
 Sample : H5489-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Quant Time: Nov 01 23:54:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

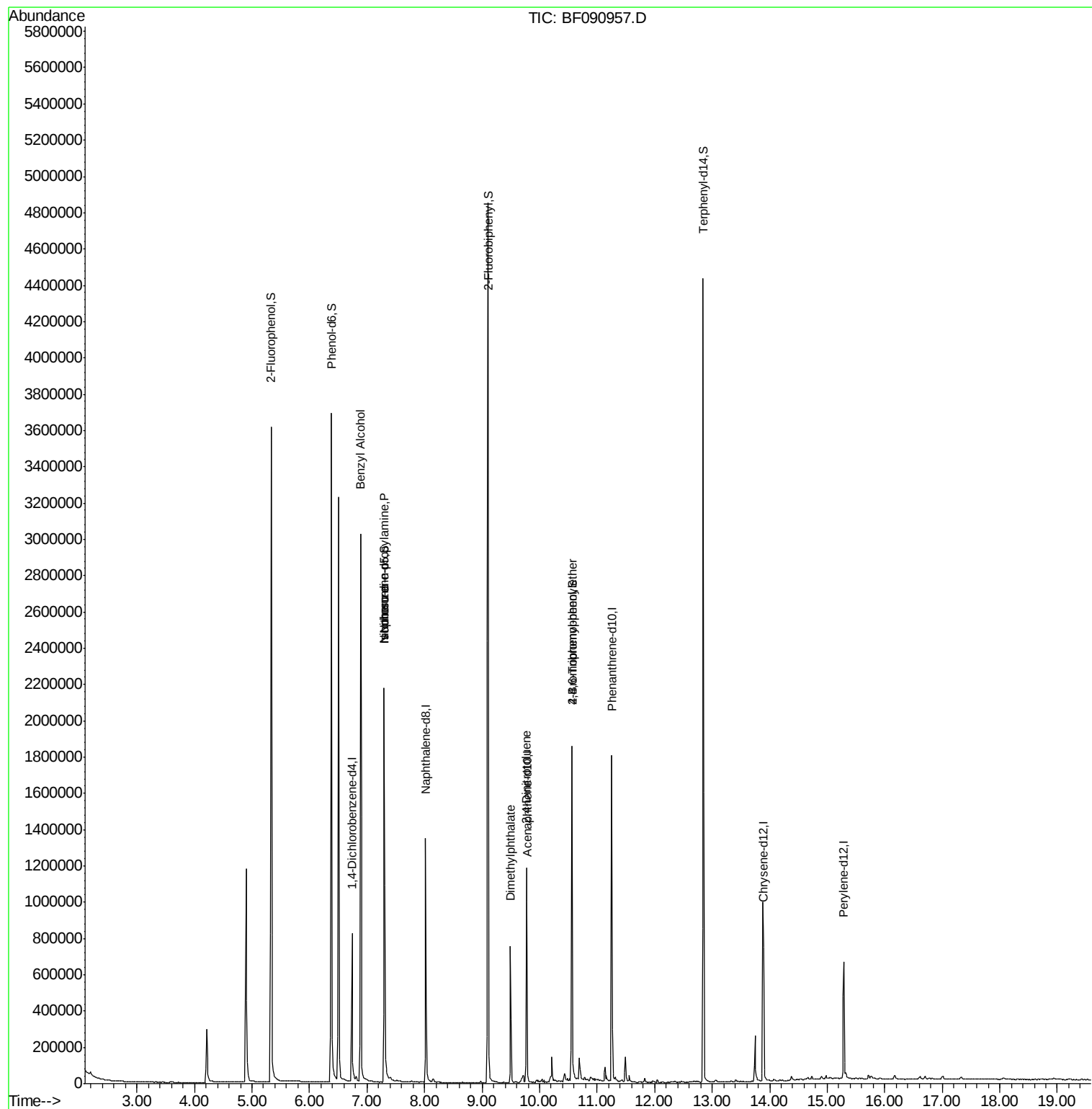
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156882	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	663100	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	359587	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	602182	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	430518	20.00	ng	-0.01
86) Perylene-d12	15.29	264	300693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1067180	118.93	ng	0.00
7) Phenol-d6	6.38	99	1724854	142.49	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1014075	100.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	360863	97.65	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1771052	86.49	ng	-0.01
78) Terphenyl-d14	12.84	244	1598420	93.54	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	17332	2.18	ng	# 31
19) n-Nitroso-di-n-propylamine	7.30	70	138846	19.84	ng	# 55
25) Isophorone	7.30	82	889684	43.28	ng	# 58
49) Dimethylphthalate	9.49	163	348869	14.52	ng	# 97
56) 2,4-Dinitrotoluene	9.77	165	45910	6.97	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	23299	3.53	ng	# 1

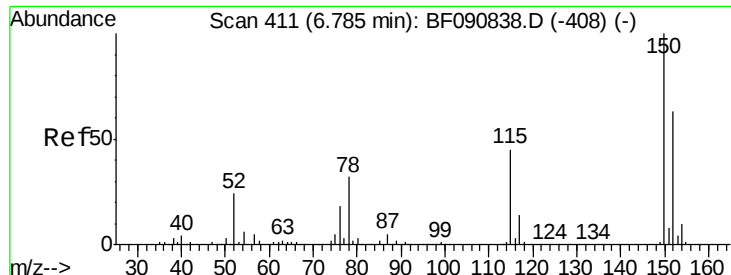
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

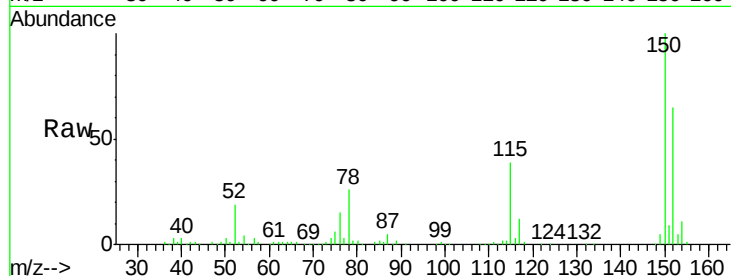
Tgt Ion:152 Resp: 156882

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

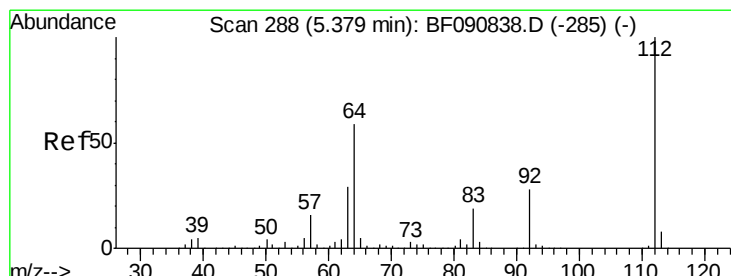
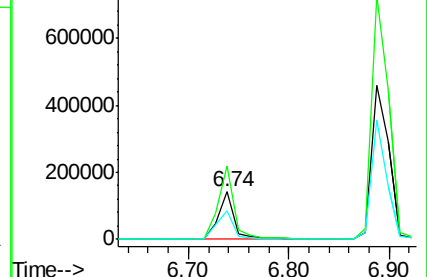
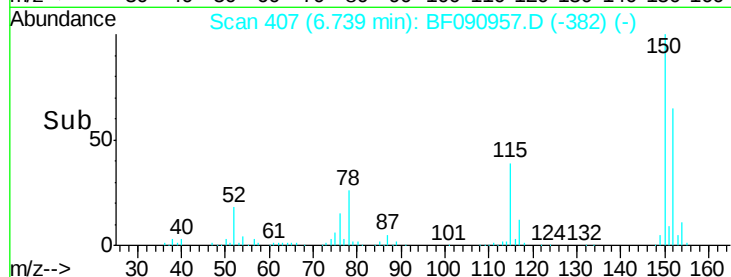
115 60.5 39.0 58.4#



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: 118.93 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

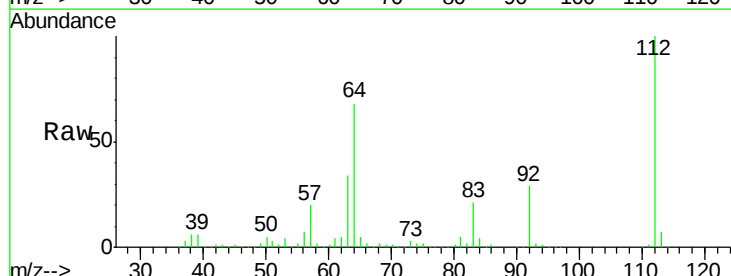
Tgt Ion:112 Resp: 1067180

Ion Ratio Lower Upper

112 100

64 67.9 39.7 59.5#

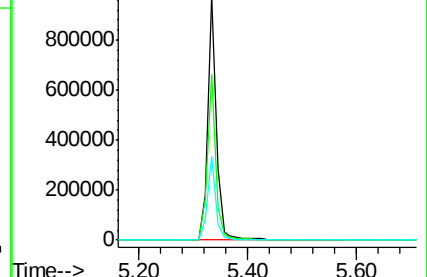
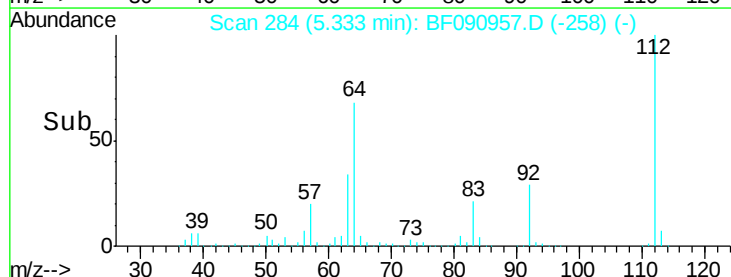
63 34.2 17.4 26.0#

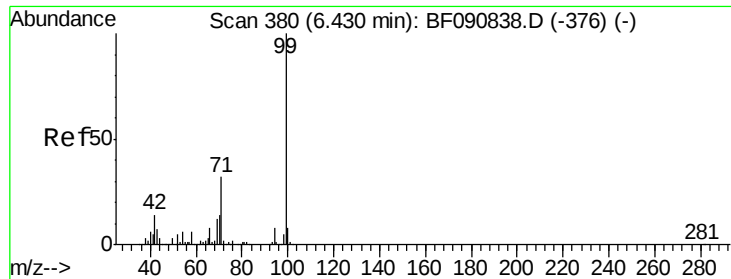


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

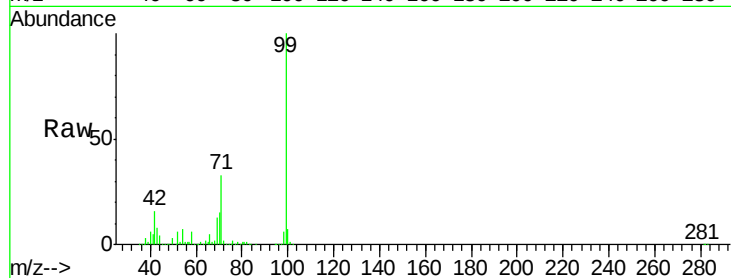
Tgt Ion: 99 Resp: 1724854

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

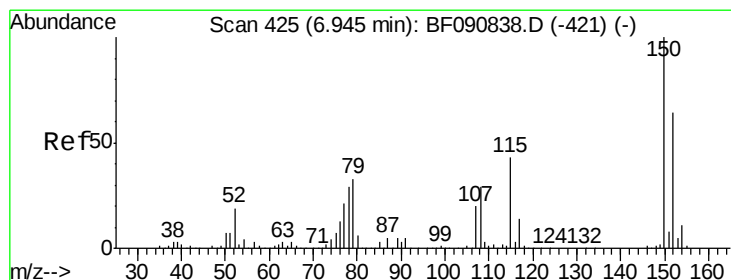
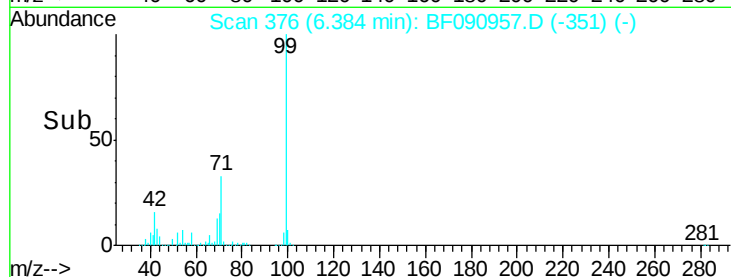
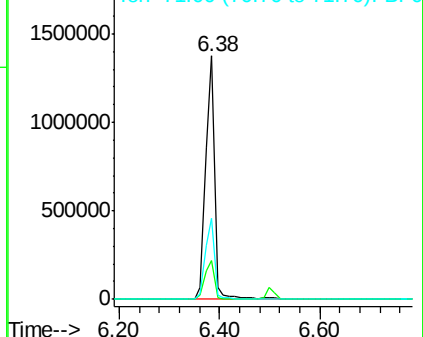
71 33.1 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

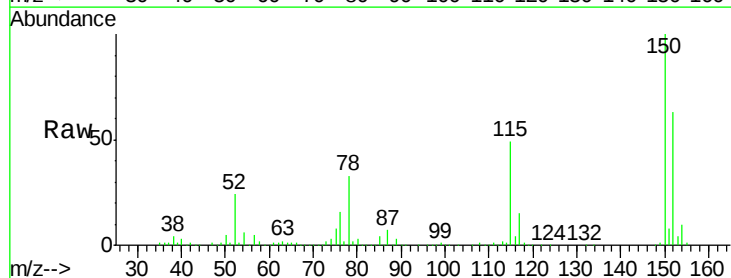
Tgt Ion: 79 Resp: 17332

Ion Ratio Lower Upper

79 100

108 26.0 88.6 132.8#

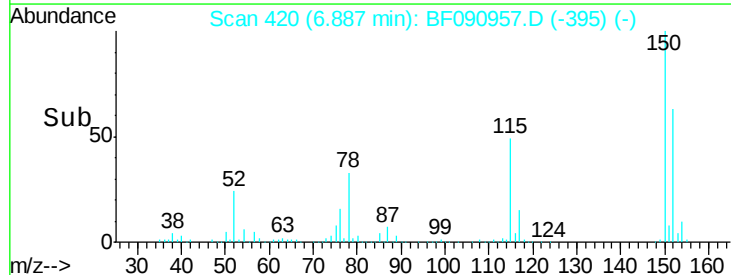
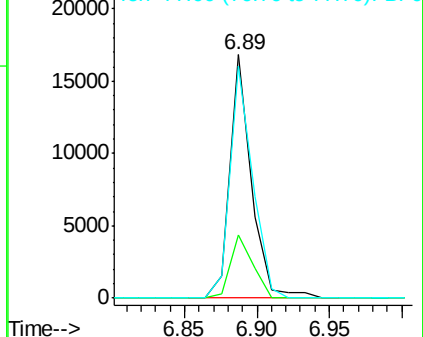
77 95.3 47.0 70.4#

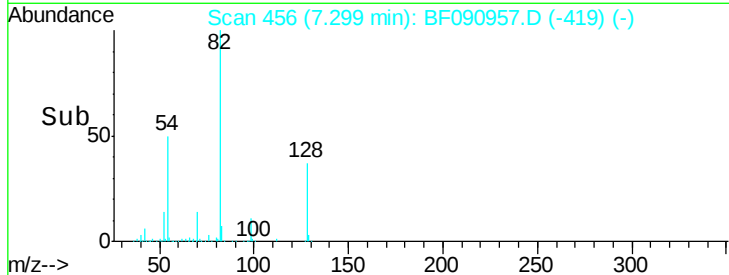
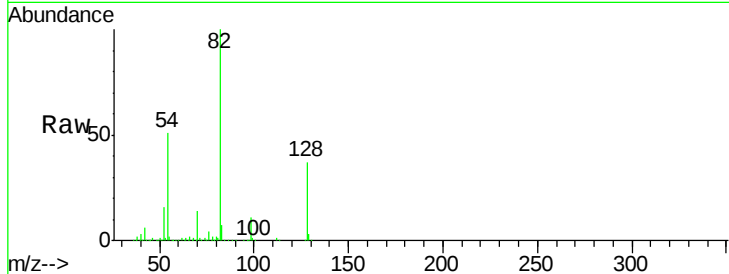
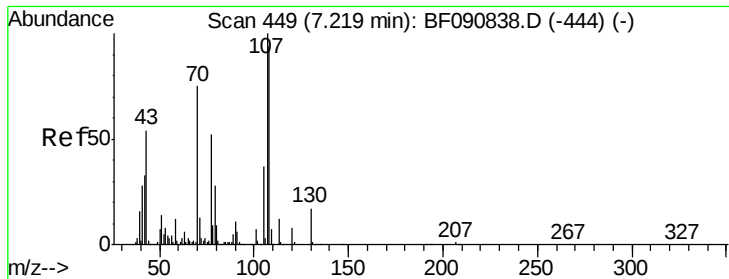


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

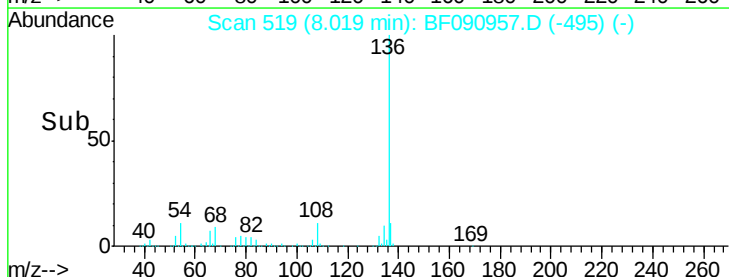
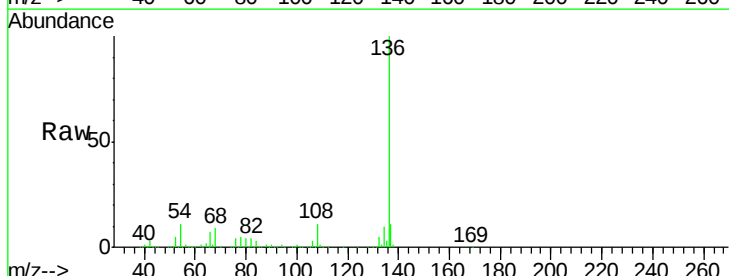
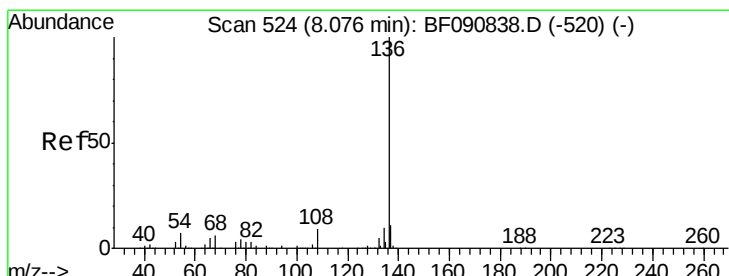
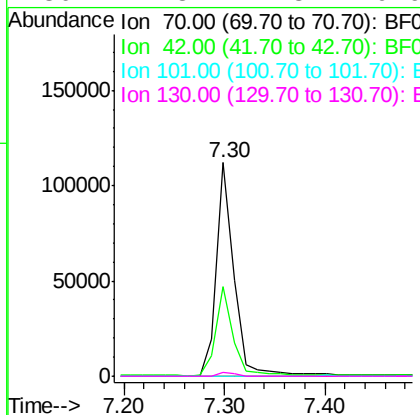




#19
n-Nitroso-di-n-propylamine
Concen: 19.84 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

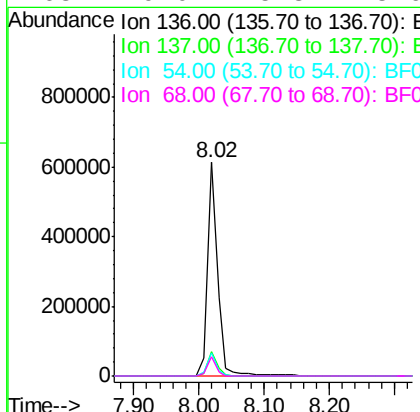
Instrument :
BNA_F
ClientSampleId :
SB-75-0.5-1.0

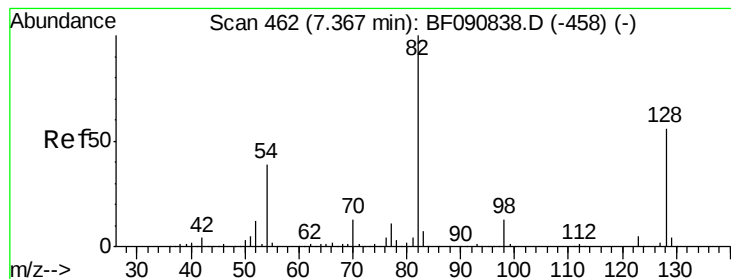
Tgt Ion: 70 Resp: 138846
Ion Ratio Lower Upper
70 100
42 41.9 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Tgt Ion: 136 Resp: 663100
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.1 8.2 12.2
68 9.0 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 100.11 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

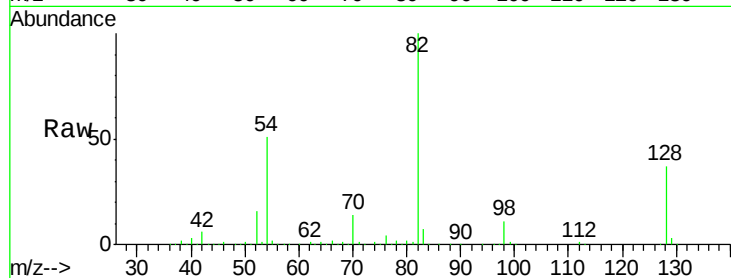
Tgt Ion: 82 Resp: 1014075

Ion Ratio Lower Upper

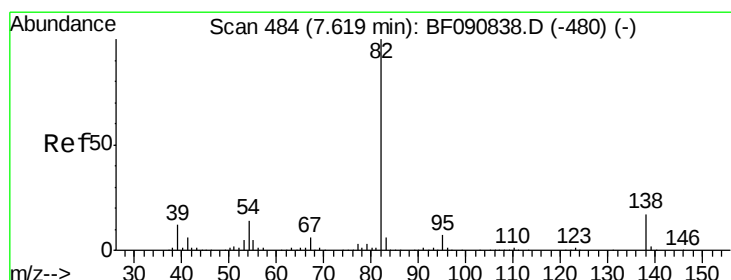
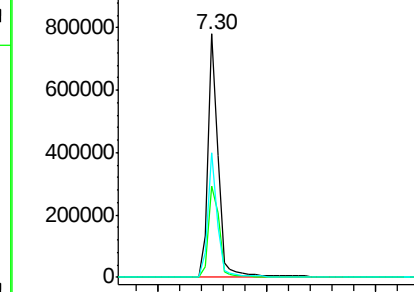
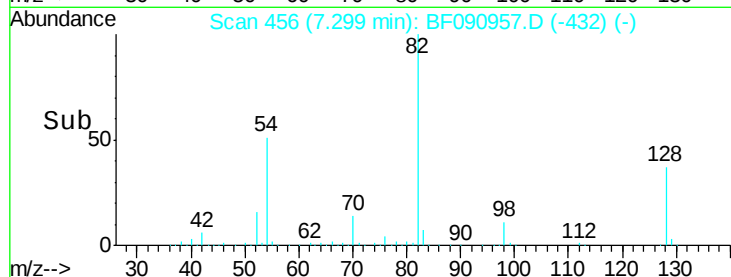
82 100

128 37.4 51.0 76.6#

54 51.0 47.5 71.3



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: 43.28 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

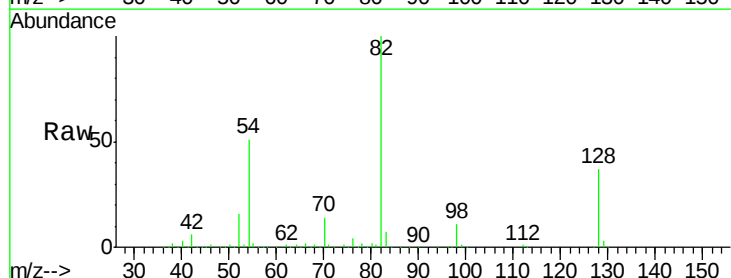
Tgt Ion: 82 Resp: 889684

Ion Ratio Lower Upper

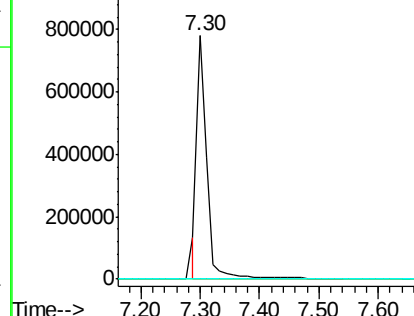
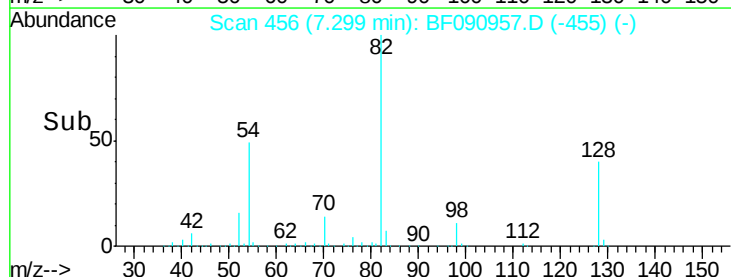
82 100

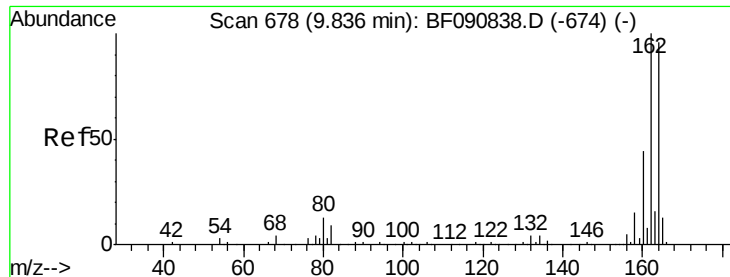
95 0.0 4.0 6.0#

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): BF0

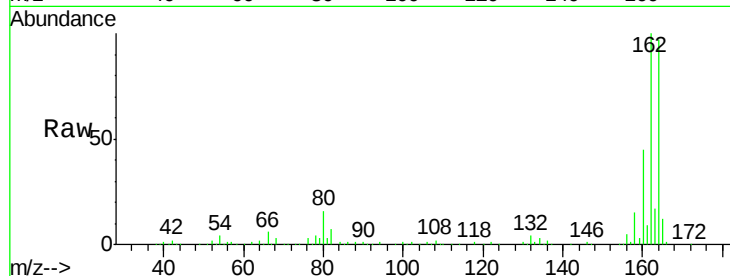




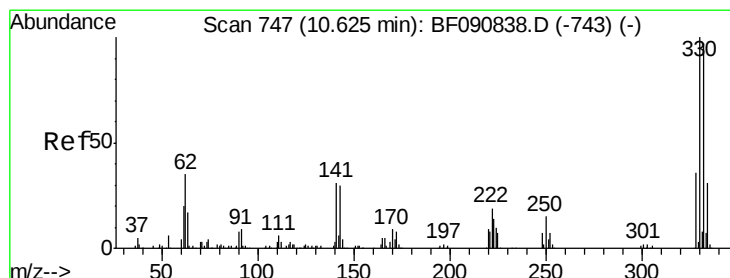
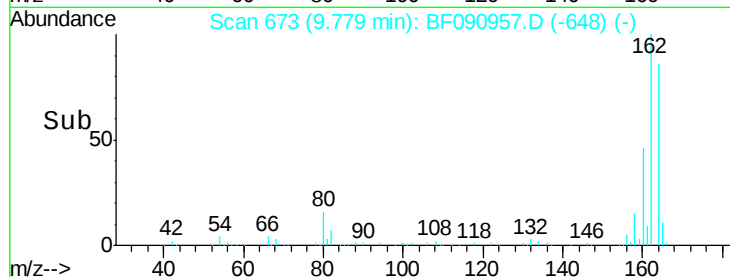
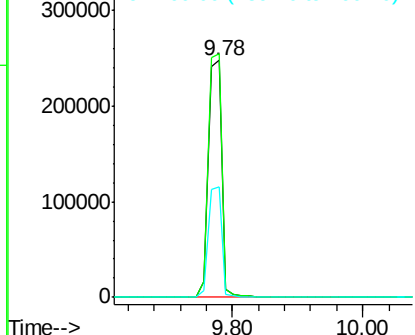
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Tgt Ion:164 Resp: 359587
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 46.6 31.5 47.3

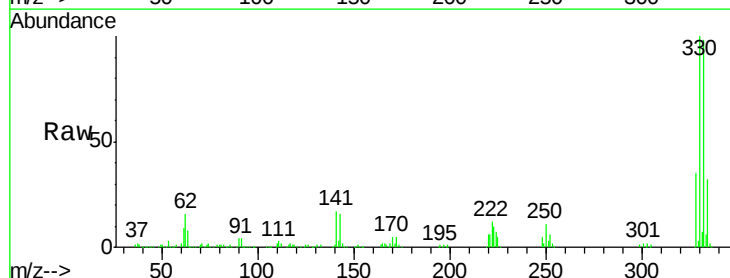


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

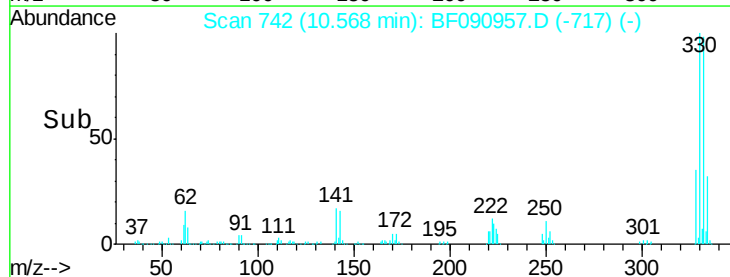
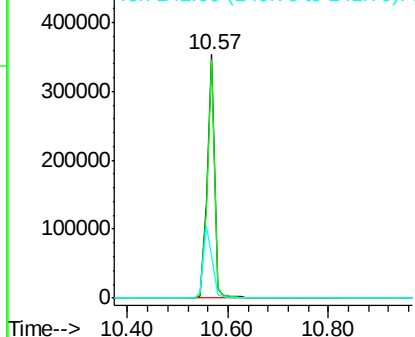


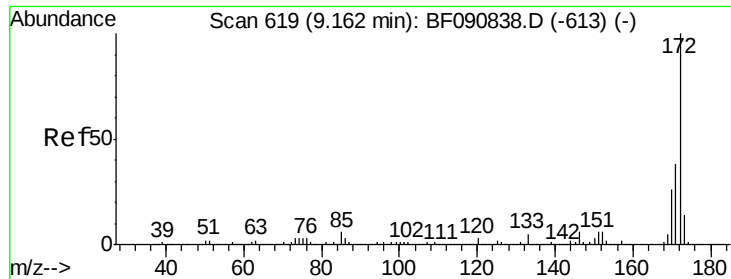
#41
 2,4,6-Tribromophenol
 Concen: 97.65 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Tgt Ion:330 Resp: 360863
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 35.1 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

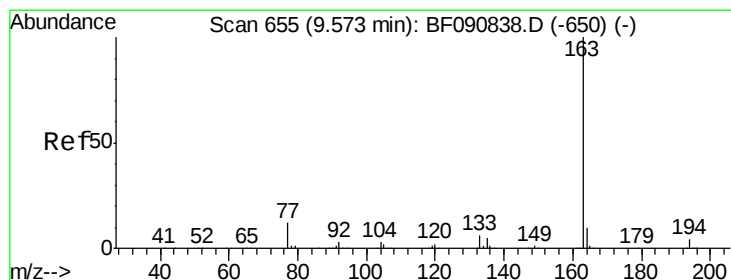
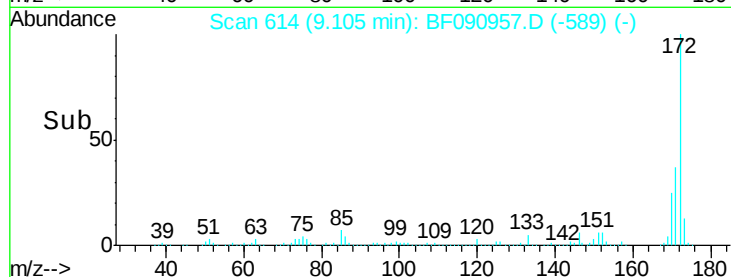
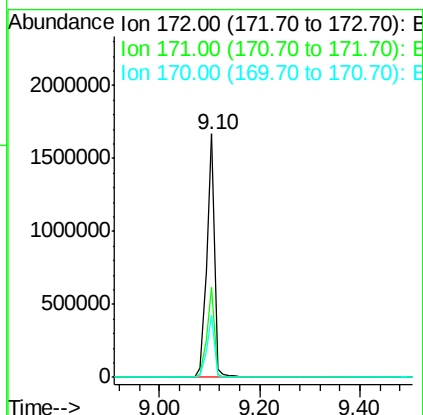
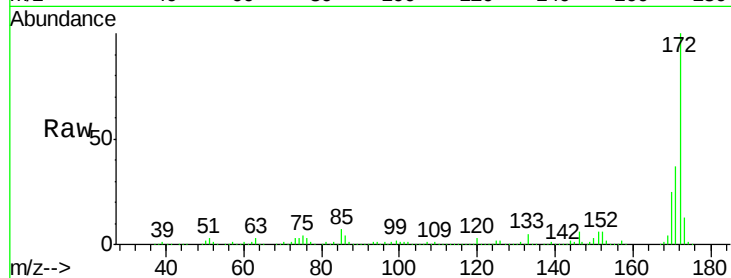




#44
 2-Fluorobiphenyl
 Concen: 86.49 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

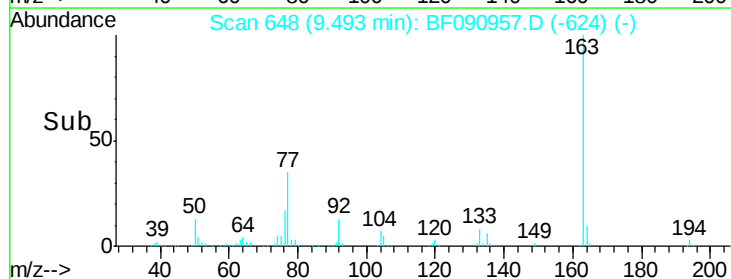
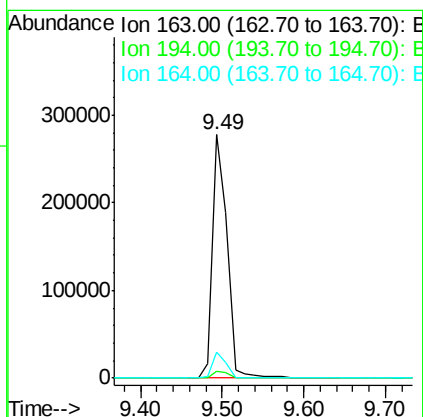
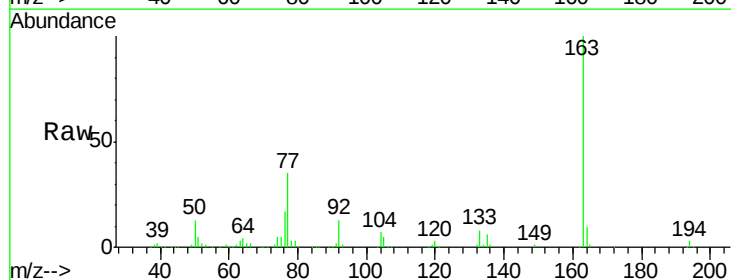
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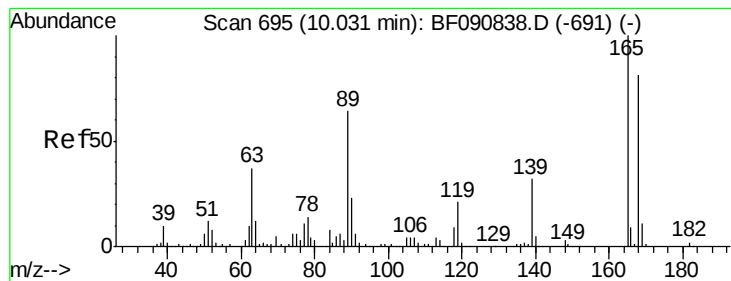
Tgt Ion:172 Resp: 1771052
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.4 17.4 26.2



#49
 Dimethylphthalate
 Concen: 14.52 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Tgt Ion:163 Resp: 348869
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.5 8.3 12.5

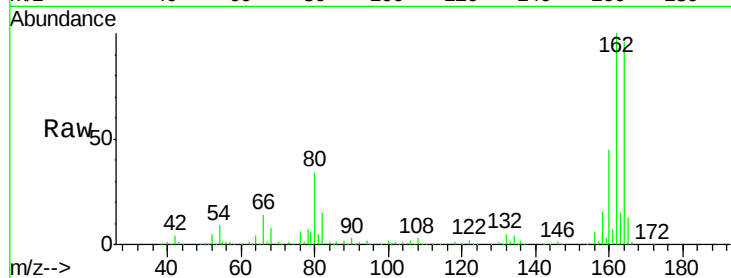




#56
 2,4-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

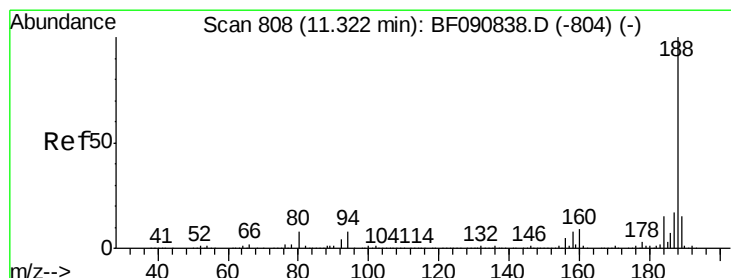
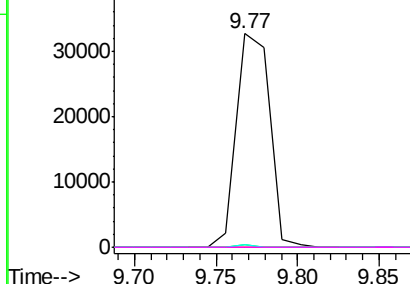
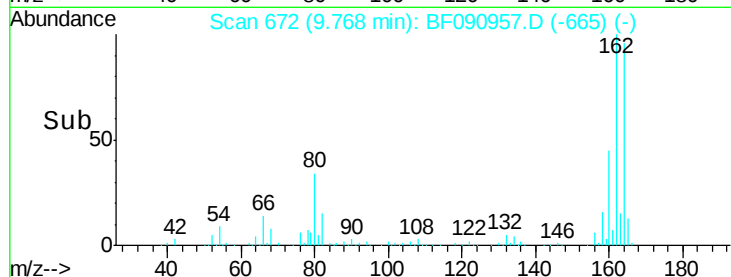


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

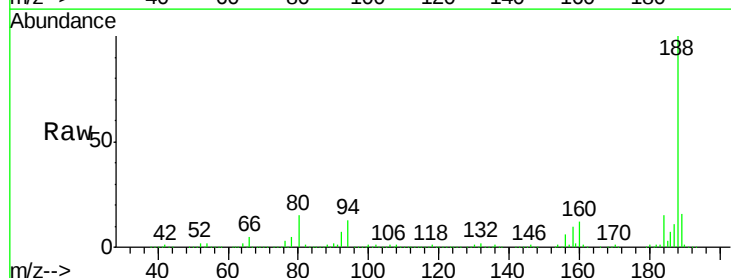
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

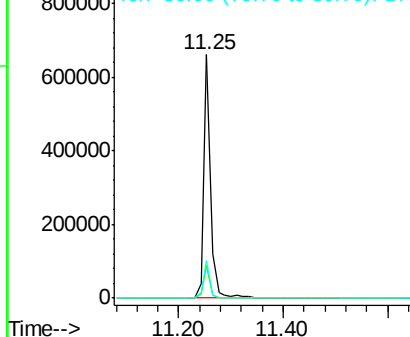
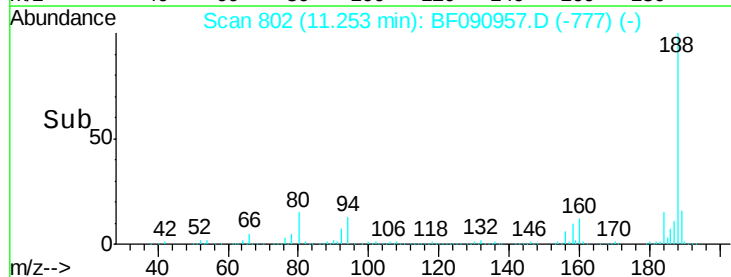
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.5	11.1	16.7
80	15.3	11.0	16.4

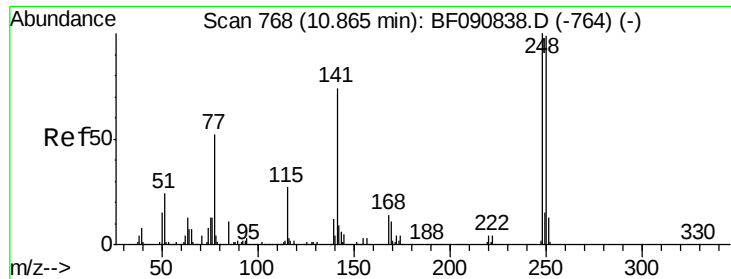


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

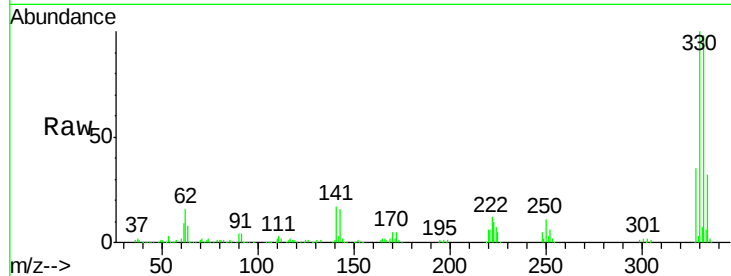




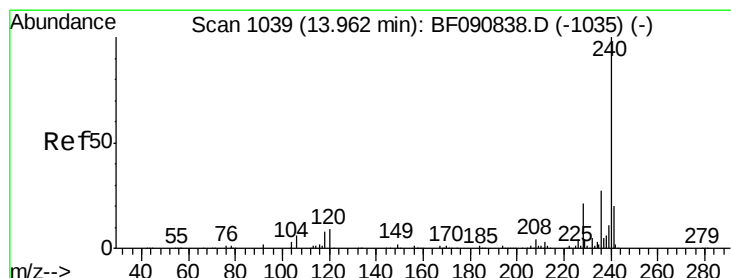
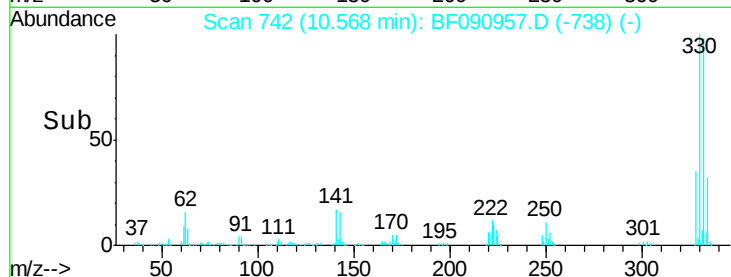
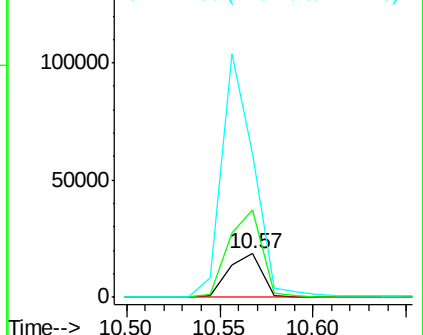
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SB-75-0.5-1.0

Tgt Ion:248 Resp: 23299
Ion Ratio Lower Upper
248 100
250 199.1 78.5 117.7#
141 327.8 59.0 88.6#

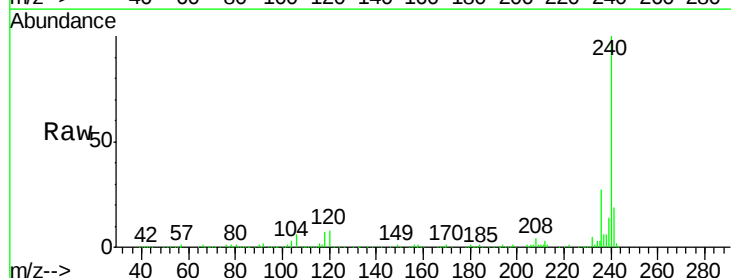


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

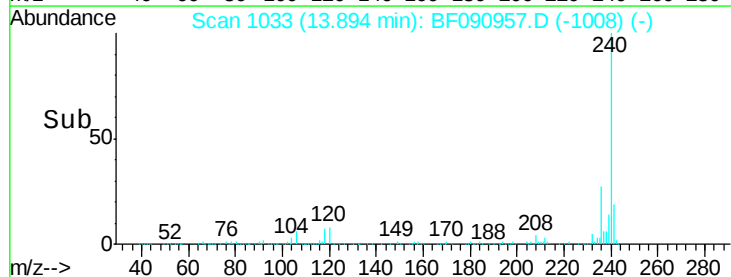
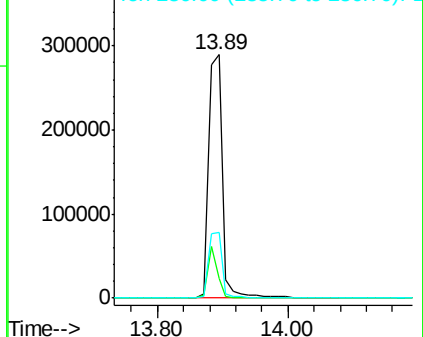


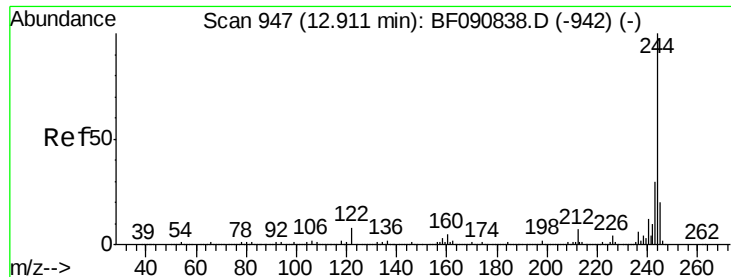
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Tgt Ion:240 Resp: 430518
Ion Ratio Lower Upper
240 100
120 8.3 16.2 24.2#
236 27.2 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

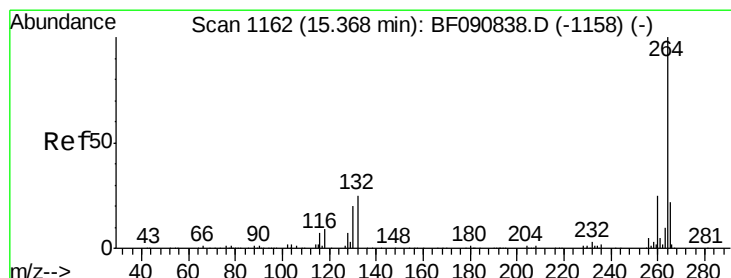
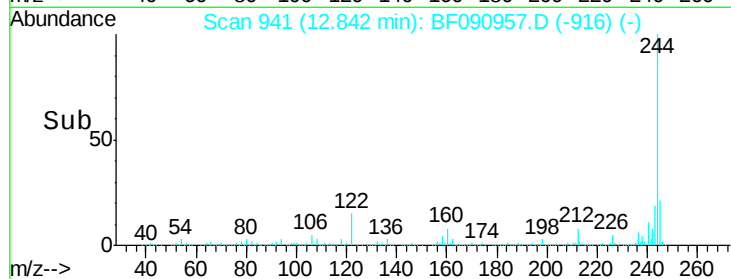
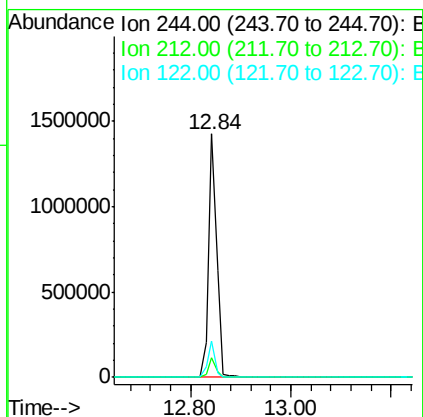
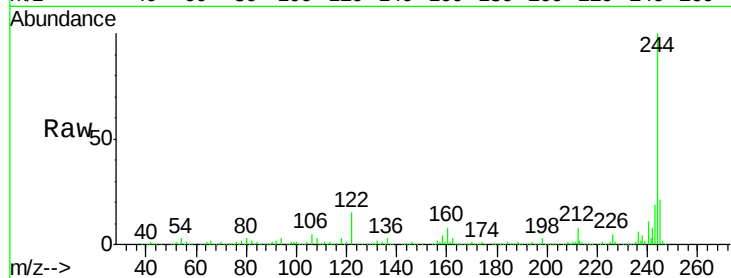




#78
 Terphenyl-d14
 Concen: 93.54 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Tgt Ion:244 Resp: 1598420
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 14.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Tgt Ion:264 Resp: 300693
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.2 17.2 25.8

