

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090877.D
 Acq On : 27 Oct 2016 20:09
 Operator : UM/SJ
 Sample : H5423-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP(0-16FEET)

Quant Time: Oct 28 01:04:15 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

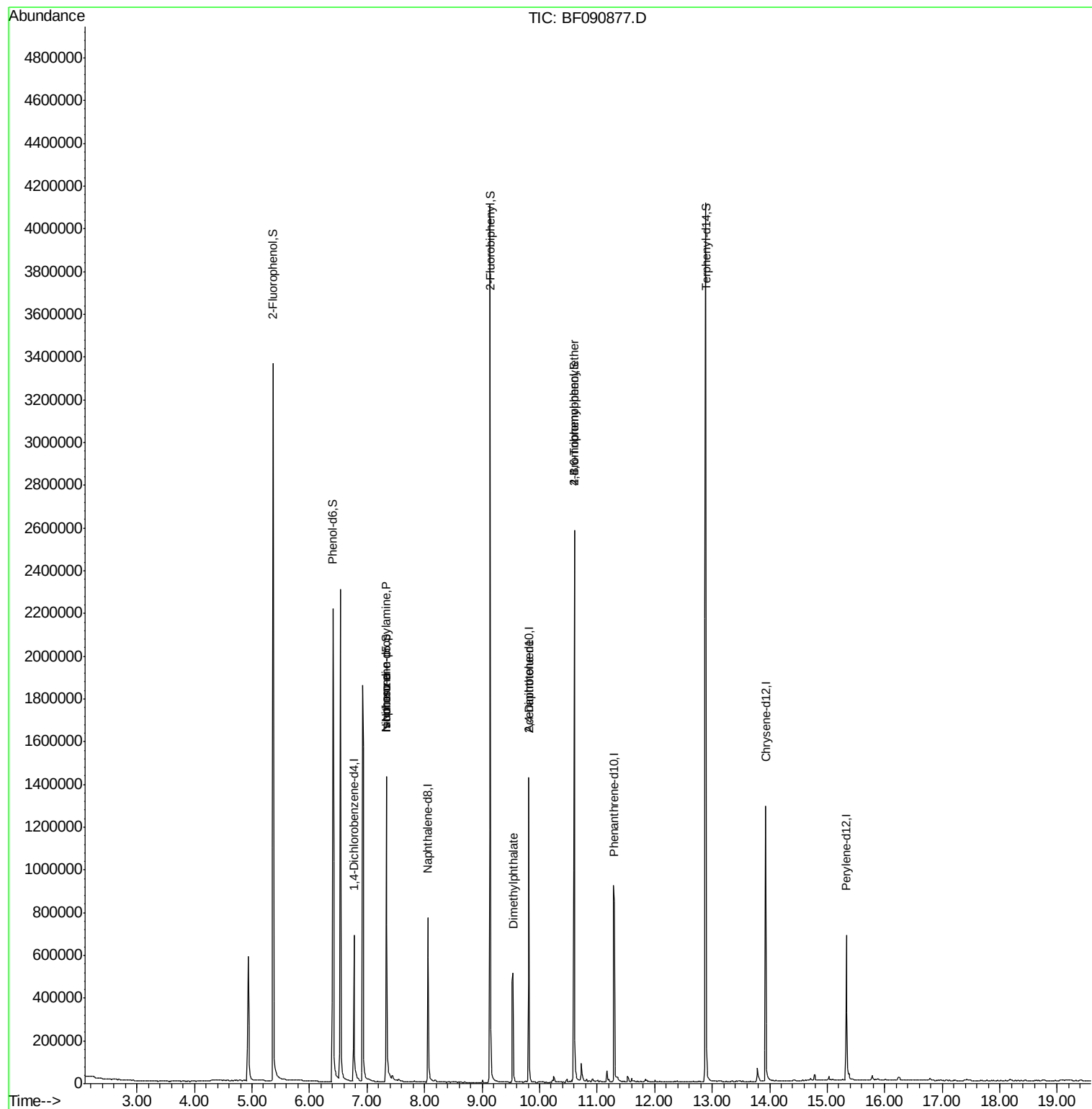
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	136078	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	567372	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	341600	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	554740	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	449050	20.00	ng	-0.02
86) Perylene-d12	15.33	264	298276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1041128	133.77	ng	0.00
7) Phenol-d6	6.41	99	1125266	107.17	ng	-0.01
23) Nitrobenzene-d5	7.33	82	682894	78.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	383143	109.14	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1401932	72.07	ng	-0.01
78) Terphenyl-d14	12.89	244	1553485	87.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	86979	14.33	ng	# 52
25) Isophorone	7.33	82	647275	36.80	ng	# 58
49) Dimethylphthalate	9.54	163	363167	15.91	ng	# 97
56) 2,4-Dinitrotoluene	9.81	165	43315	6.92	ng	# 33
66) 4-Bromophenyl-phenylether	10.60	248	25862	4.26	ng	# 1

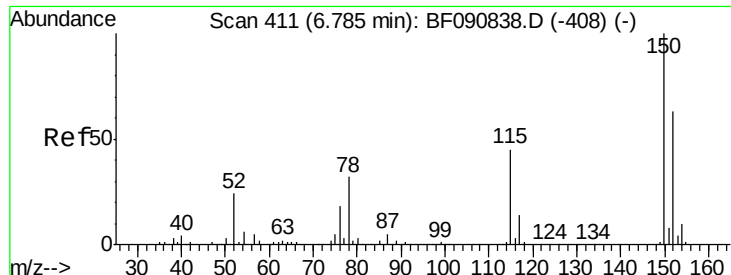
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

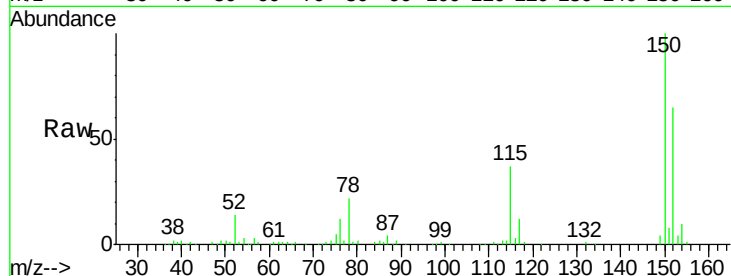
Tgt Ion:152 Resp: 136078

Ion Ratio Lower Upper

152 100

150 154.3 124.7 187.1

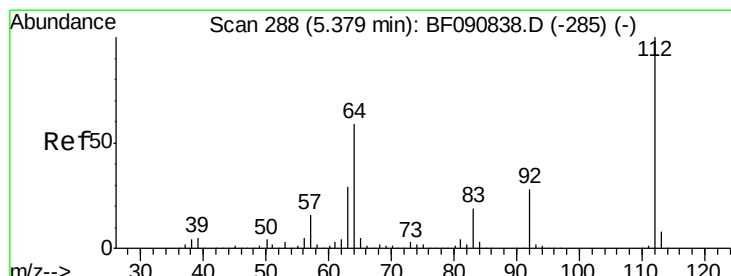
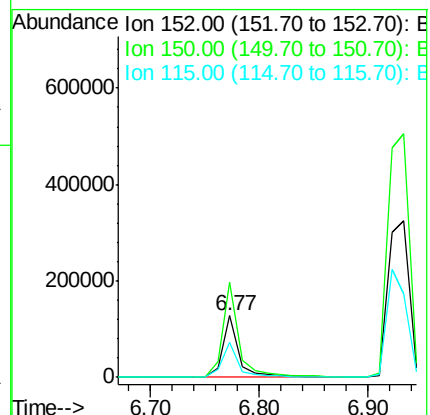
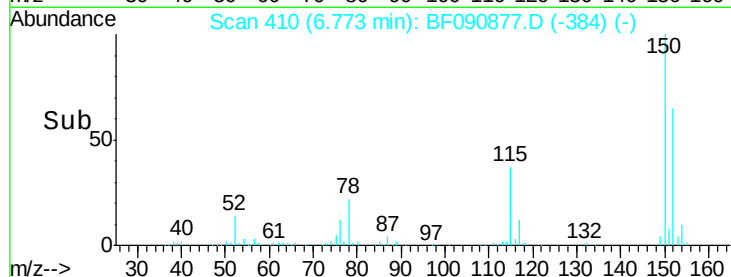
115 56.9 39.0 58.4



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: 133.77 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

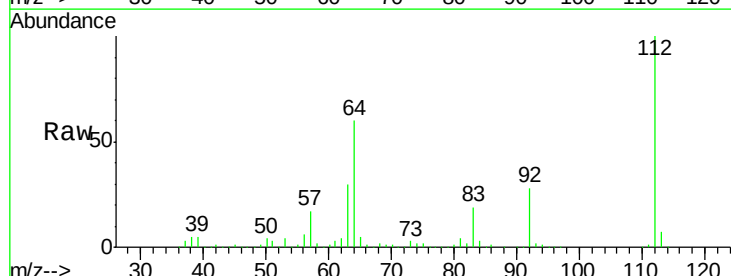
Tgt Ion:112 Resp: 1041128

Ion Ratio Lower Upper

112 100

64 60.5 39.7 59.5#

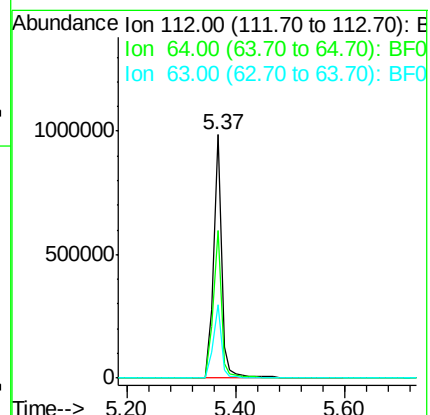
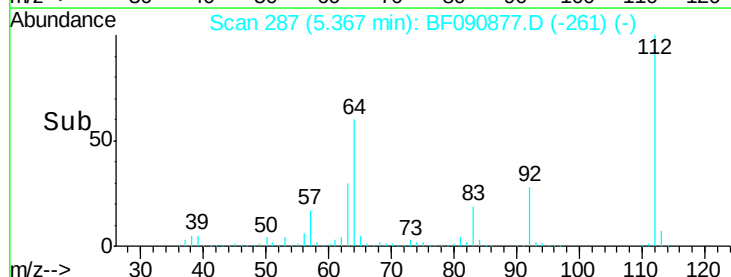
63 30.1 17.4 26.0#

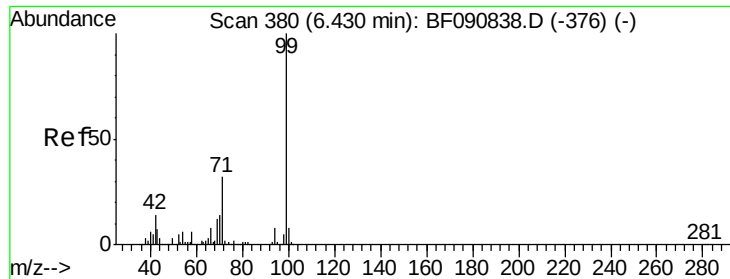


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.17 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

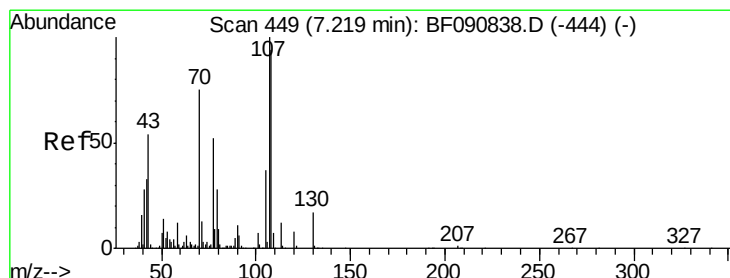
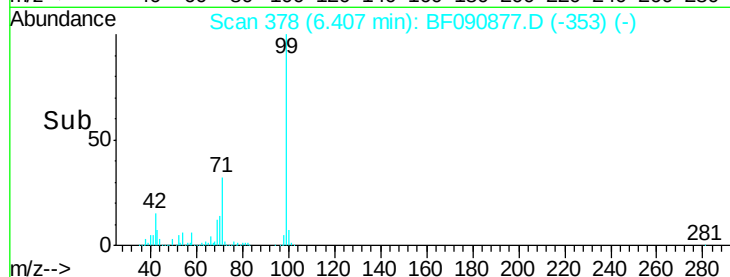
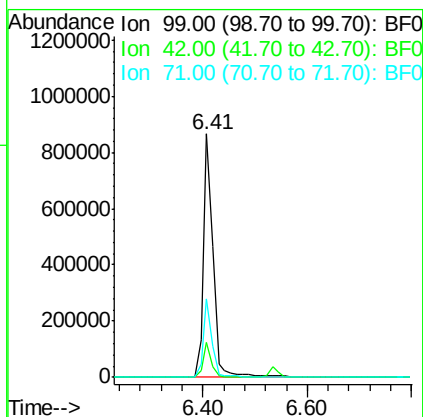
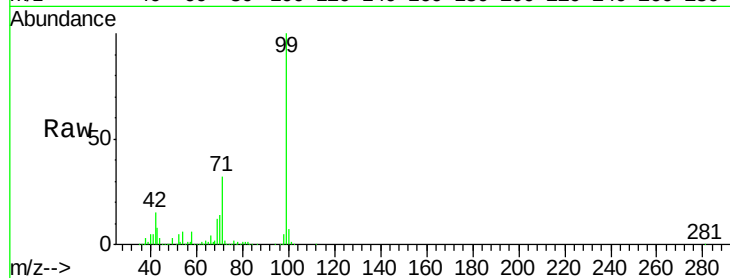
Tgt Ion: 99 Resp: 1125266

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

71 32.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.33 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Tgt Ion: 70 Resp: 86979

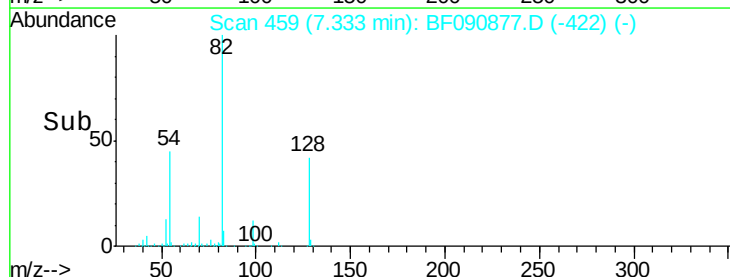
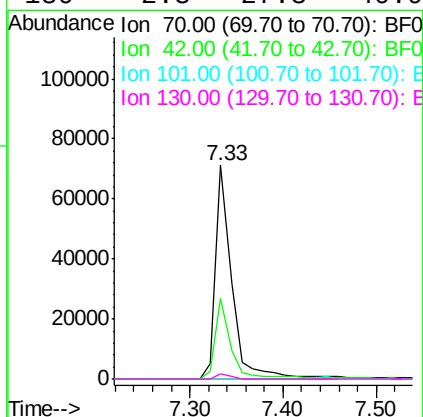
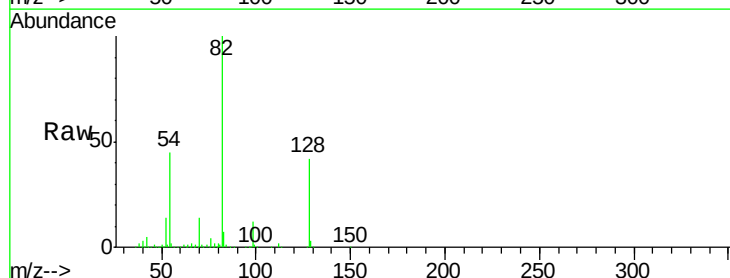
Ion Ratio Lower Upper

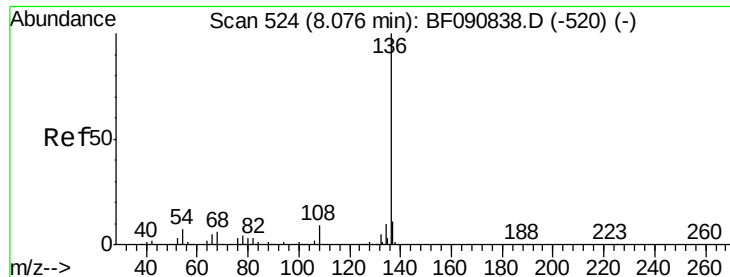
70 100

42 37.6 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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

Tgt Ion: 136 Resp: 567372

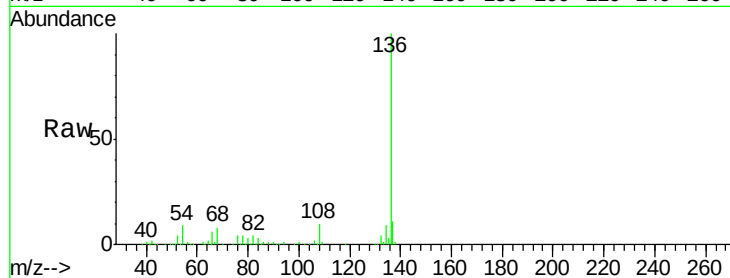
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.6 8.2 12.2

68 7.9 5.8 8.6

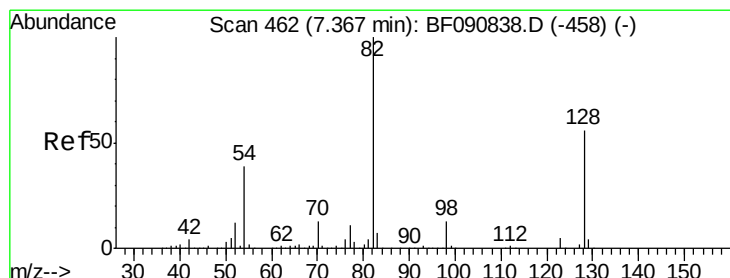
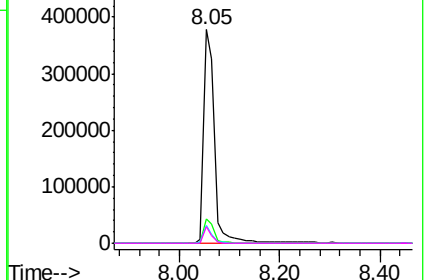
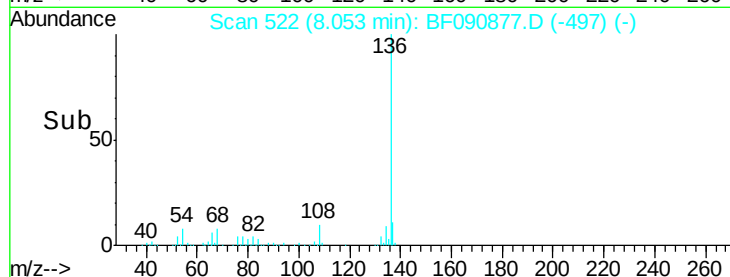


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.79 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

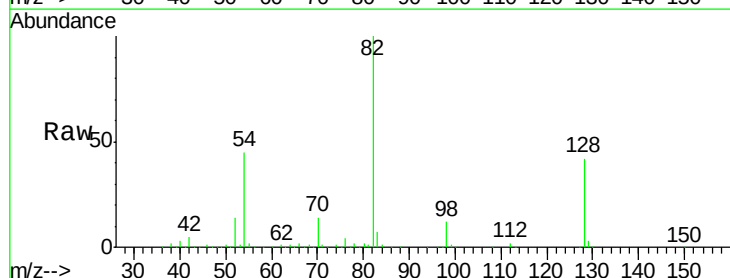
Tgt Ion: 82 Resp: 682894

Ion Ratio Lower Upper

82 100

128 42.4 51.0 76.6#

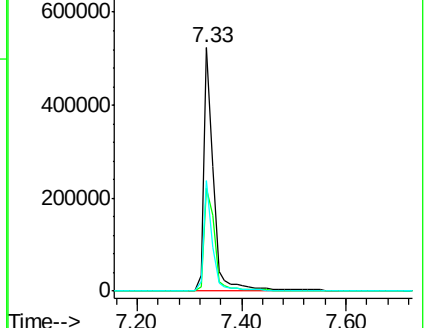
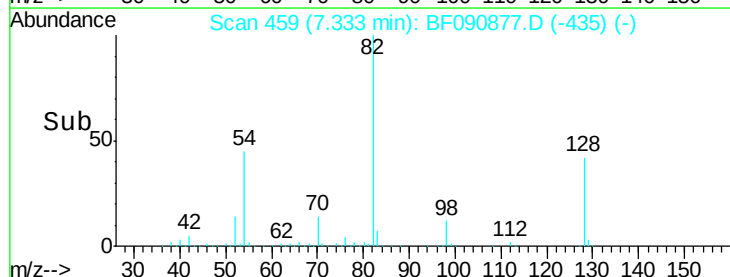
54 45.3 47.5 71.3#

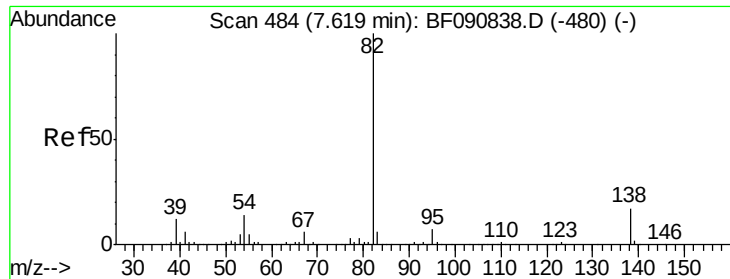


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.80 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

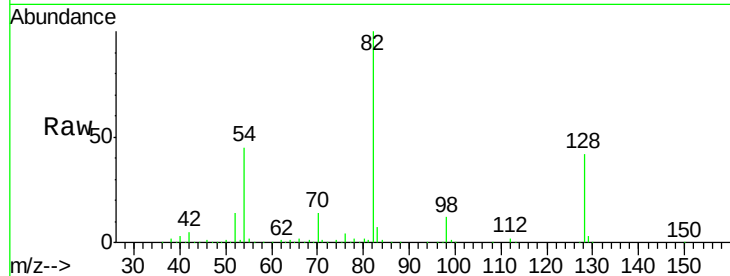
Tgt Ion: 82 Resp: 647275

Ion Ratio Lower Upper

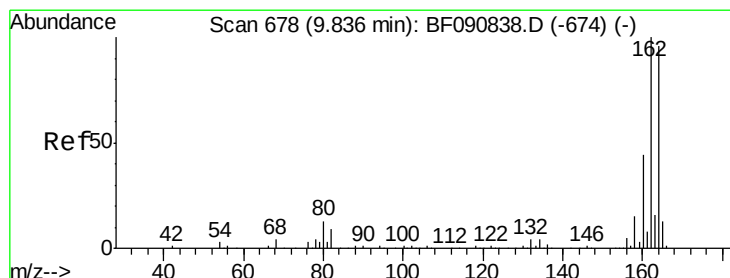
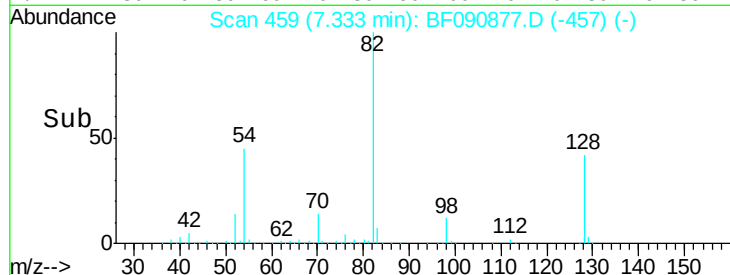
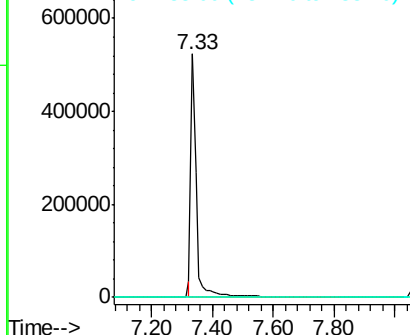
82 100

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: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

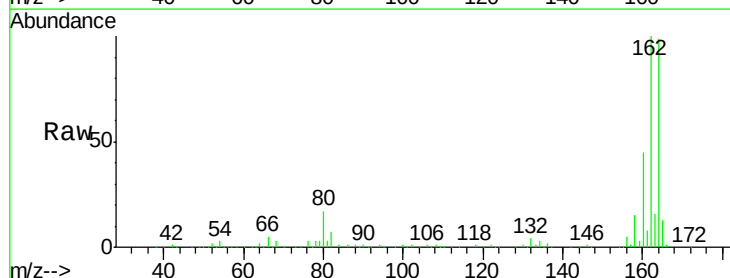
Tgt Ion: 164 Resp: 341600

Ion Ratio Lower Upper

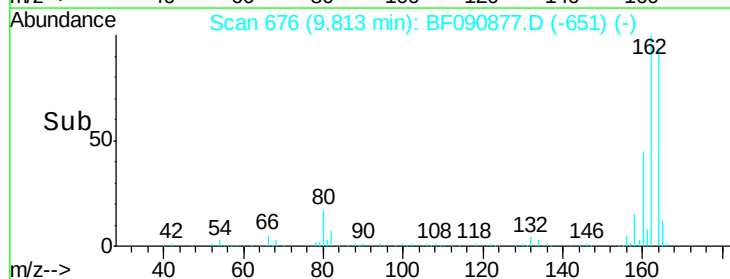
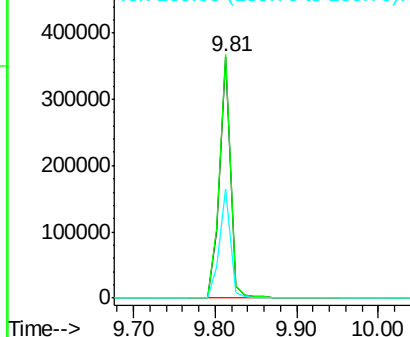
164 100

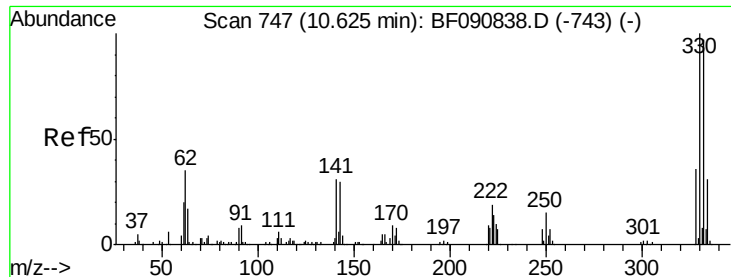
162 100.9 75.2 112.8

160 45.3 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

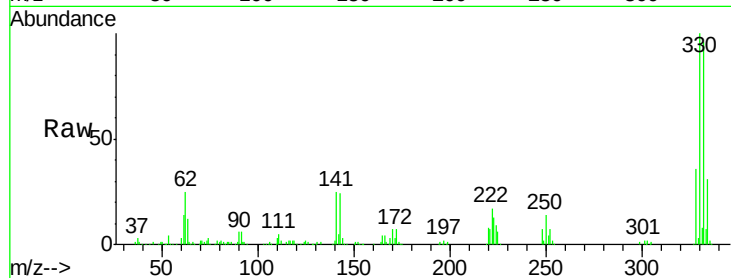




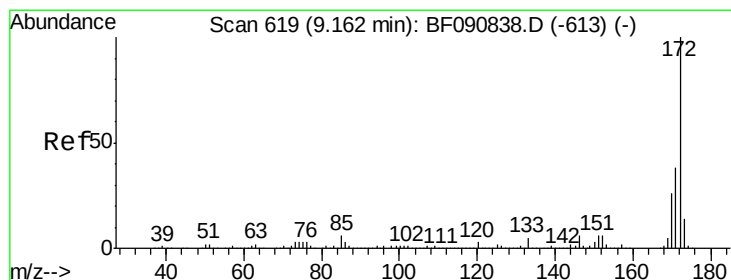
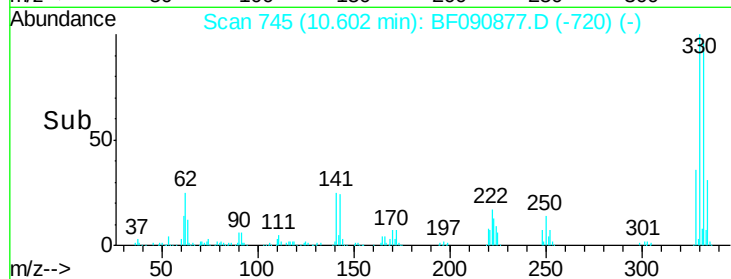
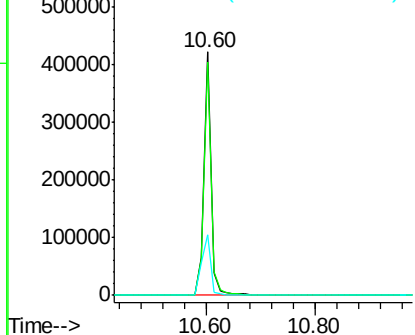
#41
 2,4,6-Tribromophenol
 Concen: 109.14 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090877.D
 Acq: 27 Oct 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP(0-16FEET)

Tgt Ion:330 Resp: 383143
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 31.7 29.7 44.5

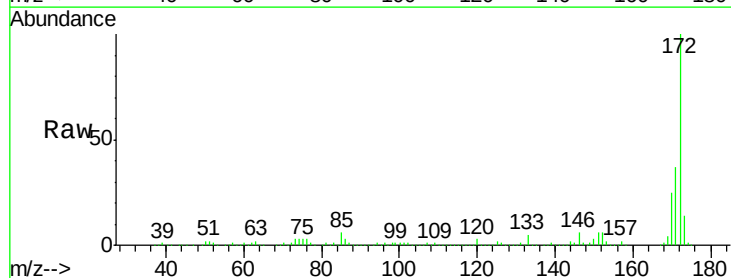


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

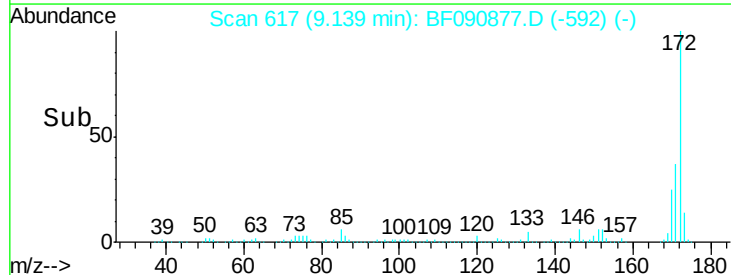
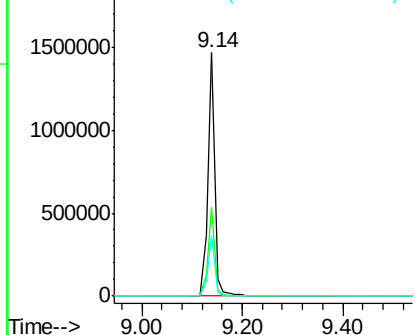


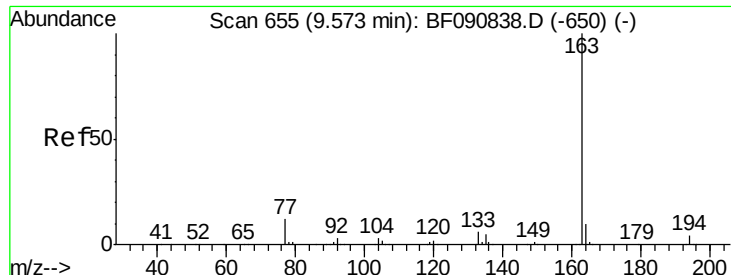
#44
 2-Fluorobiphenyl
 Concen: 72.07 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090877.D
 Acq: 27 Oct 2016 20:09

Tgt Ion:172 Resp: 1401932
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.8 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: 15.91 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

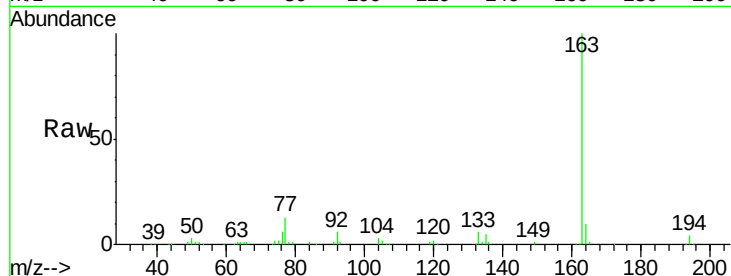
Tgt Ion:163 Resp: 363167

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

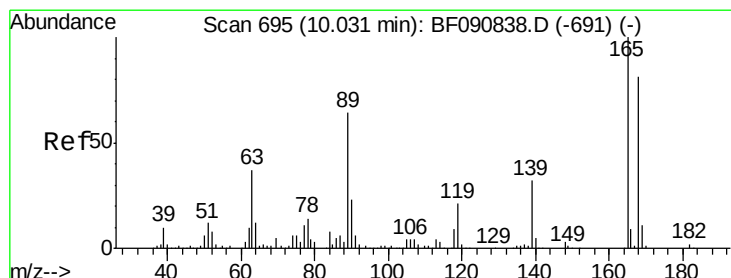
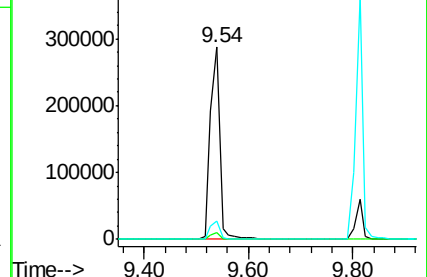
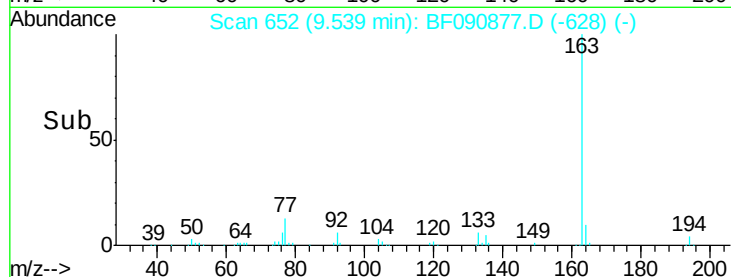
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.92 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.21 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Tgt Ion:165 Resp: 43315

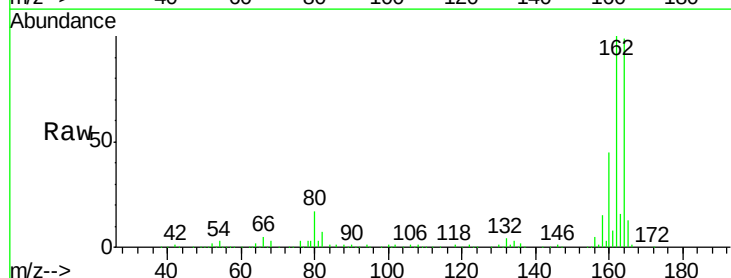
Ion Ratio Lower Upper

165 100

63 0.7 29.8 44.6#

89 0.9 44.5 66.7#

182 0.0 3.0 4.4#

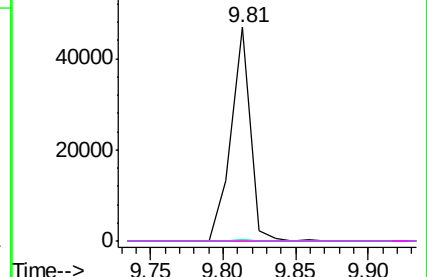
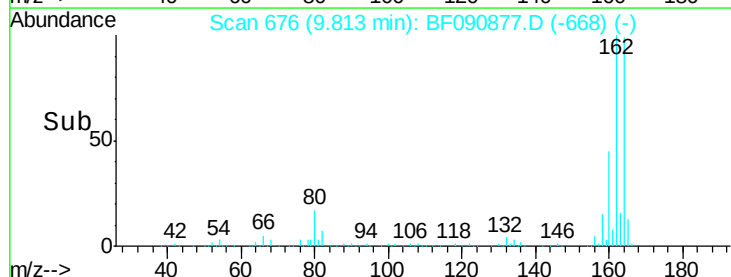


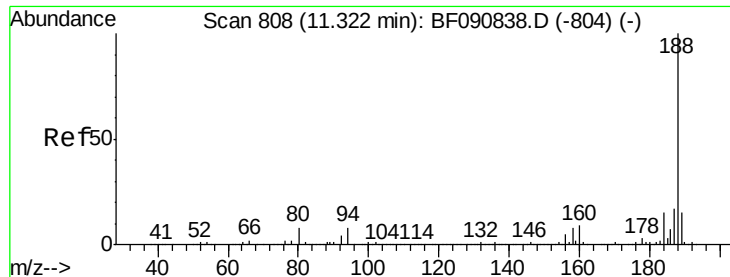
Abundance Ion 165.00 (164.70 to 165.70): E

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

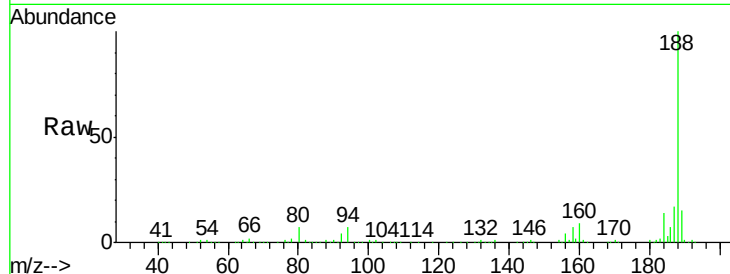




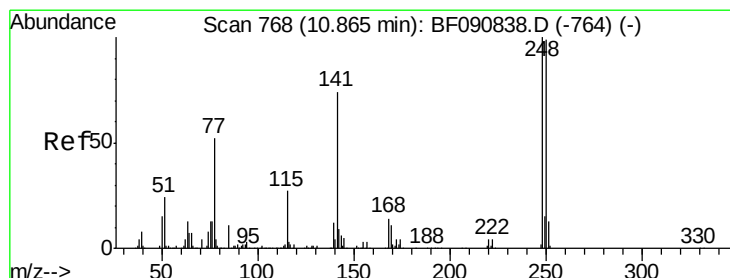
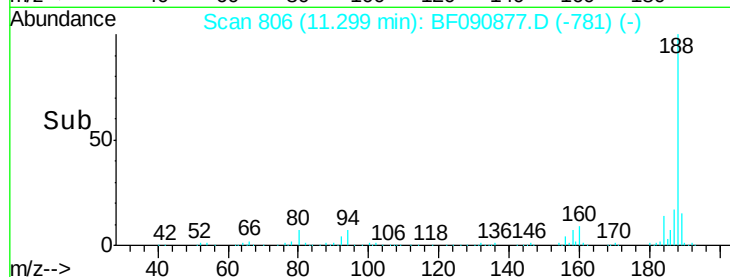
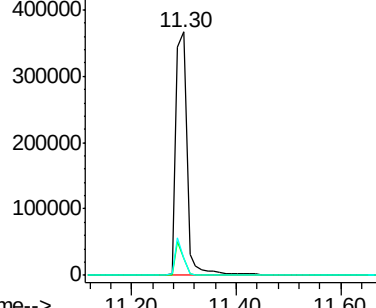
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF090877.D
 Acq: 27 Oct 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-6COMP(0-16FEET)

Tgt Ion:188 Resp: 554740
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.2 11.0 16.4#

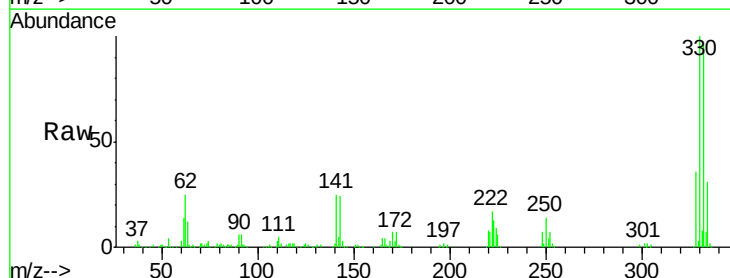


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

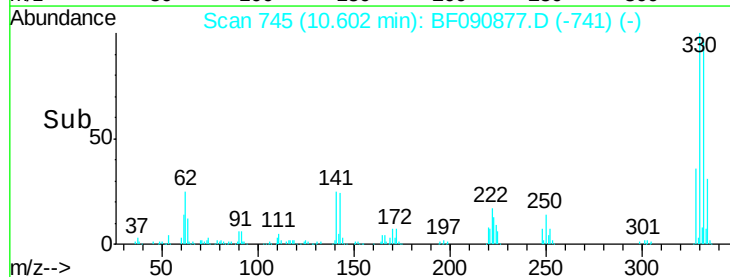
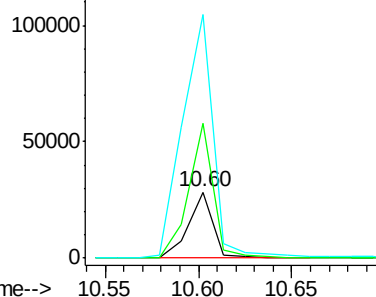


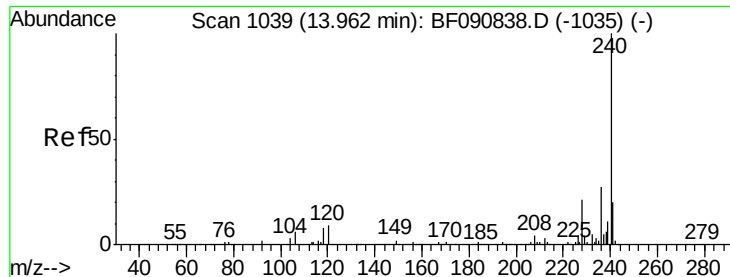
#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF090877.D
 Acq: 27 Oct 2016 20:09

Tgt Ion:248 Resp: 25862
 Ion Ratio Lower Upper
 248 100
 250 204.1 78.5 117.7#
 141 369.9 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: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SB-6COMP(0-16FEET)

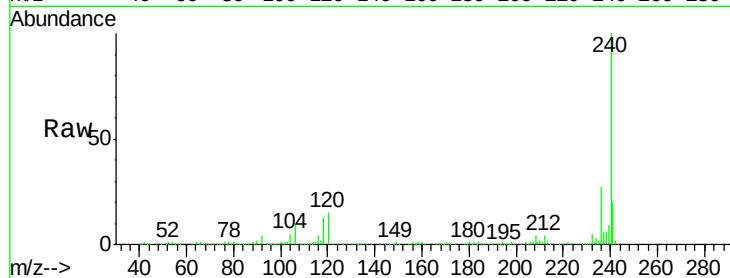
Tgt Ion:240 Resp: 449050

Ion Ratio Lower Upper

240 100

120 14.5 16.2 24.2#

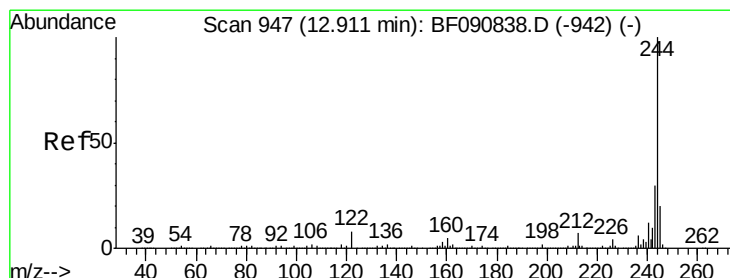
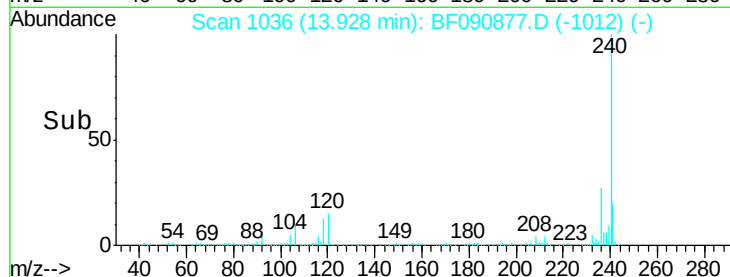
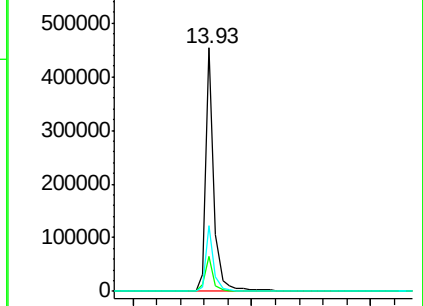
236 26.8 18.4 27.6



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: 87.16 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090877.D

Acq: 27 Oct 2016 20:09

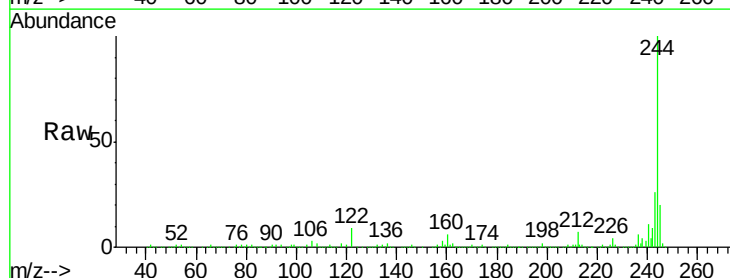
Tgt Ion:244 Resp: 1553485

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

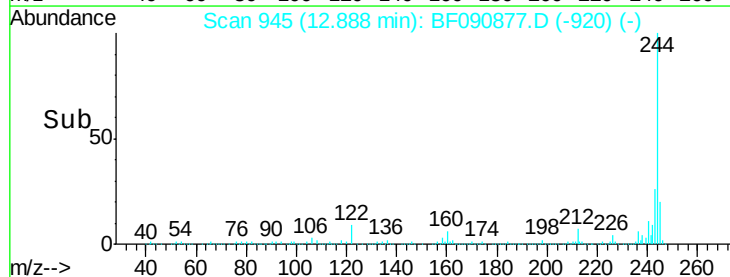
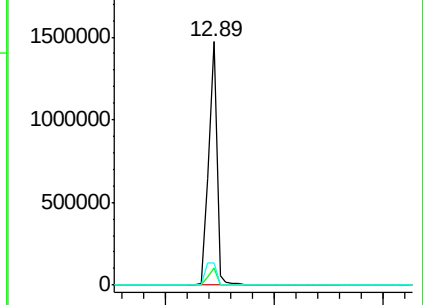
122 9.2 17.4 26.2#

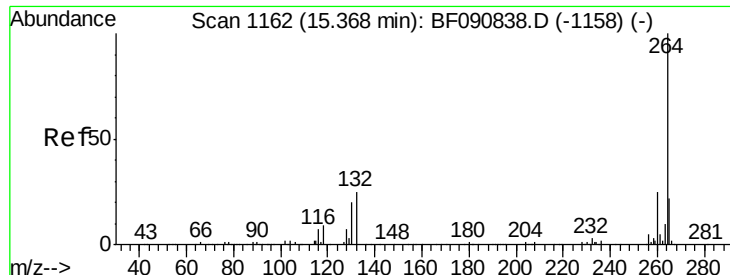


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

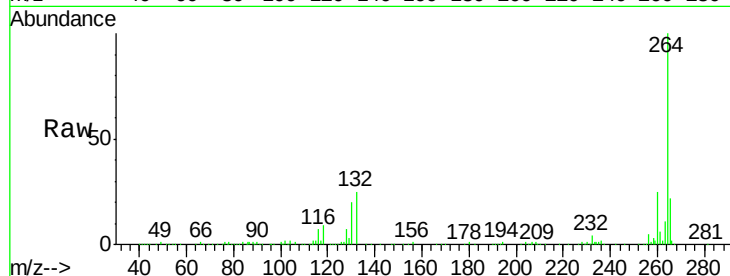




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090877.D
Acq: 27 Oct 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion: 264 Resp: 298276
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.5 17.2 25.8



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

