

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081887.D
 Acq On : 29 Sep 2015 19:01
 Operator : UM/IZ
 Sample : PB85676BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

Quant Time: Sep 30 00:44:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

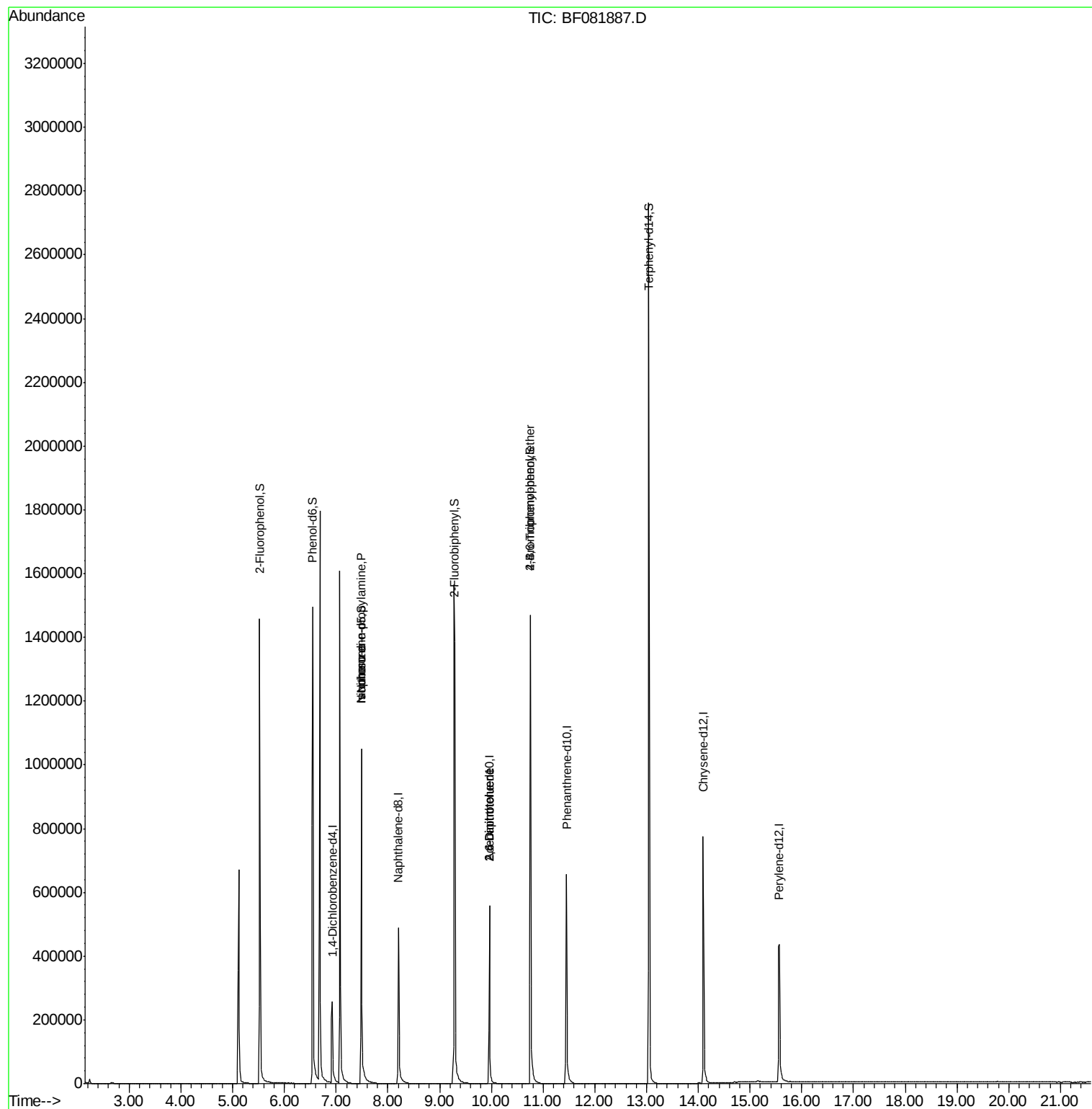
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	75521	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	318143	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	137734	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	331326	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	394932	20.00	ng	-0.02
86) Perylene-d12	15.57	264	334187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	481571	115.76	ng	0.00
7) Phenol-d6	6.55	99	699483	133.62	ng	-0.01
23) Nitrobenzene-d5	7.49	82	436249	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	217336	155.81	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	871476	112.99	ng	-0.01
78) Terphenyl-d14	13.04	244	1129287	95.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	56546	17.77	ng	# 57
25) Isophorone	7.49	82	389181	41.14	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	15974	7.74	ng	# 37
56) 2,4-Dinitrotoluene	9.97	165	16219	6.16	ng	# 31
57) Fluorene	10.75	166	7929	Below Cal		# 84
66) 4-Bromophenyl-phenylether	10.75	248	13679	4.09	ng	# 1

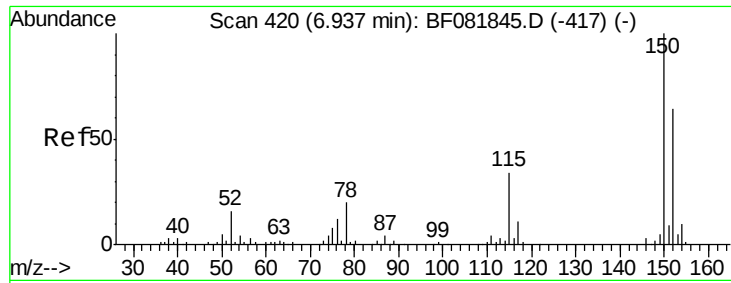
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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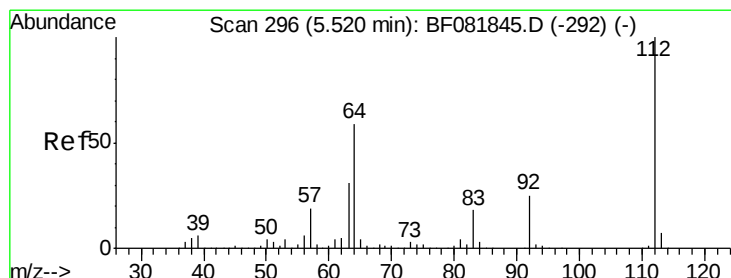
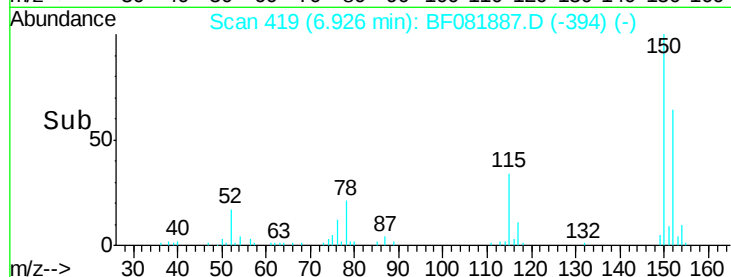
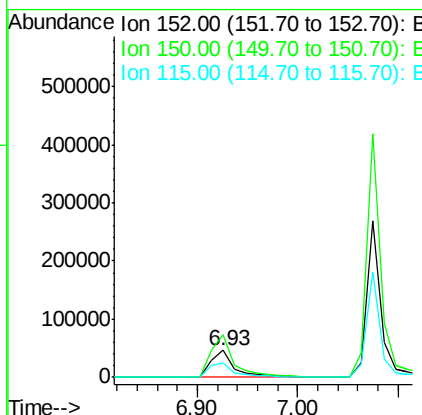
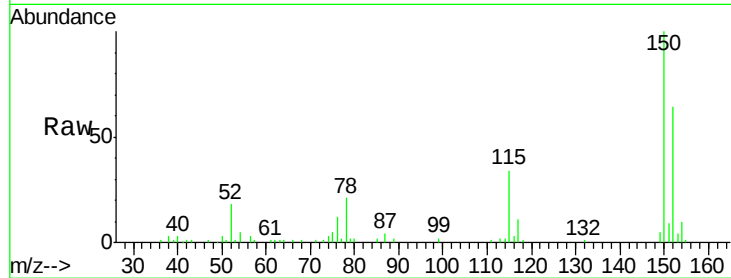




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

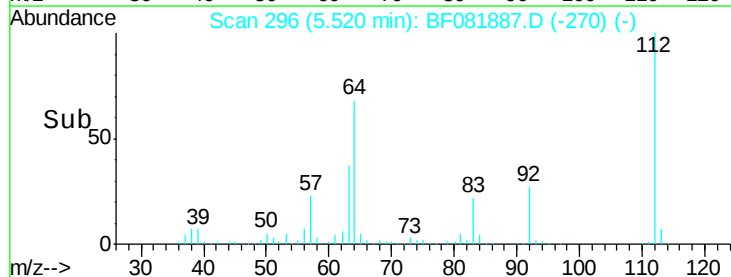
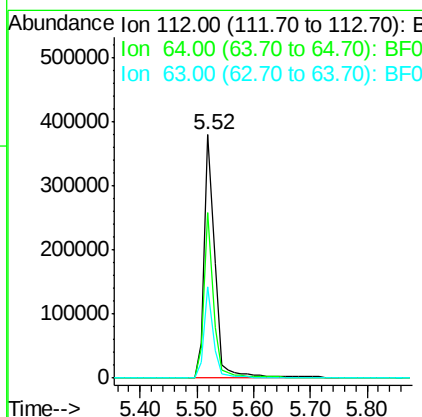
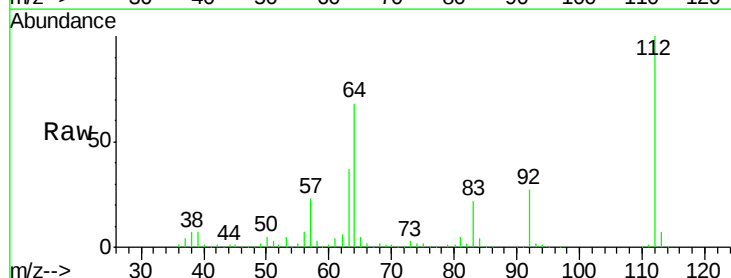
Instrument :
 BNA_F
 ClientSampled :
 PB85676BL

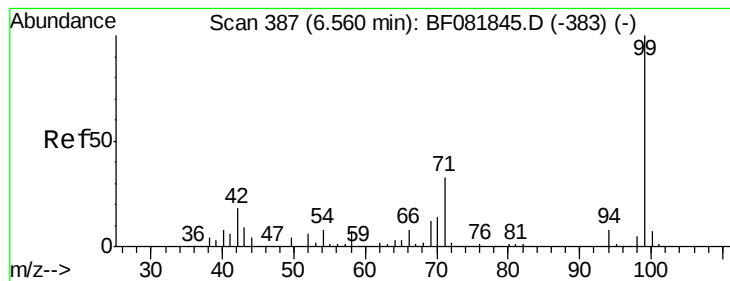
Tgt Ion:152 Resp: 75521
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 53.4 39.0 58.4



#5
 2-Fluorophenol
 Concen: 115.76 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion:112 Resp: 481571
 Ion Ratio Lower Upper
 112 100
 64 68.2 39.7 59.5#
 63 37.3 17.4 26.0#





#7

Phenol-d6

Concen: 133.62 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

PB85676BL

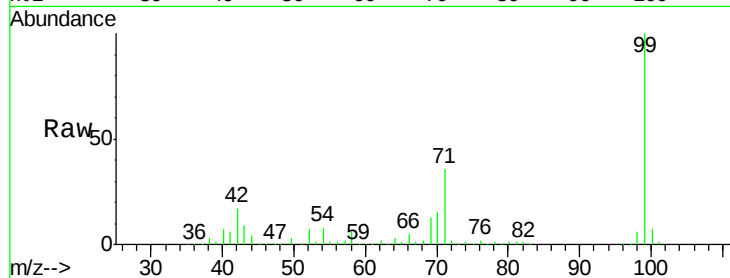
Tgt Ion: 99 Resp: 699483

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

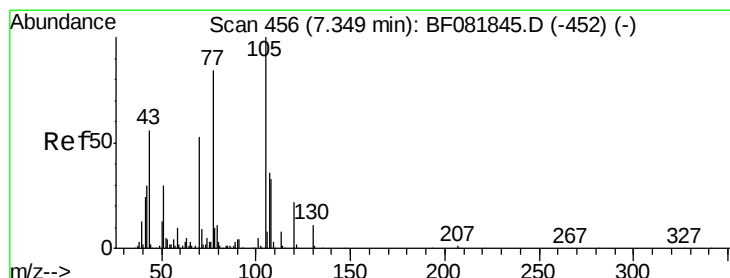
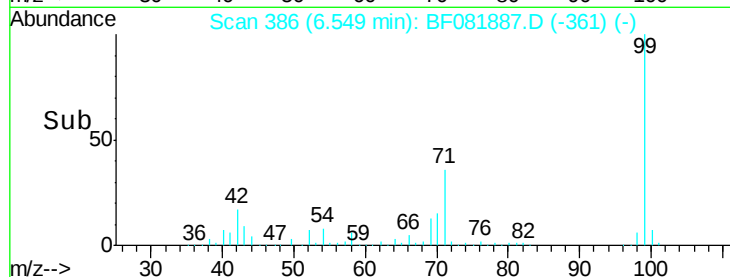
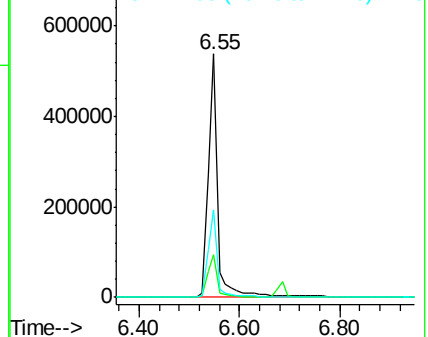
71 36.0 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.77 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Tgt Ion: 70 Resp: 56546

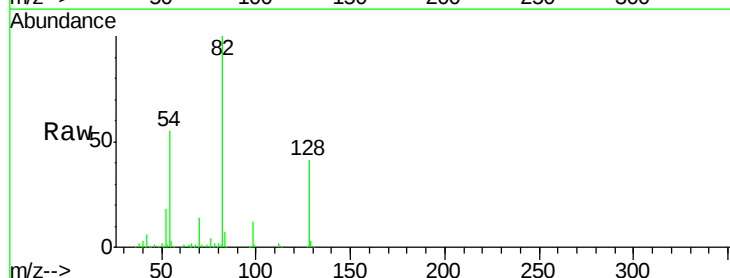
Ion Ratio Lower Upper

70 100

42 45.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

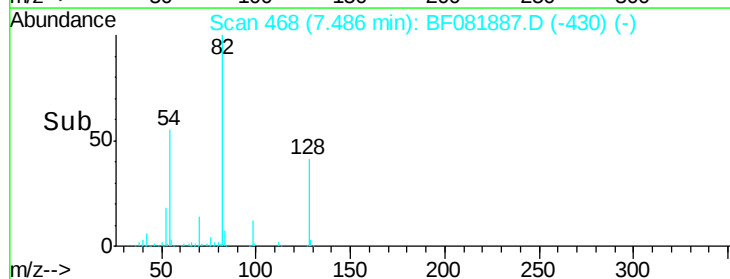
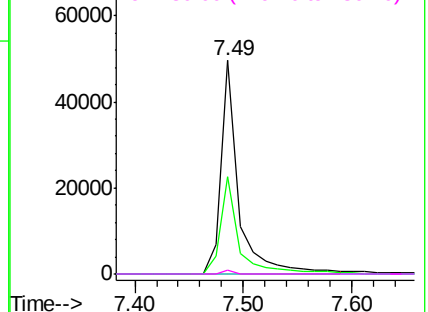


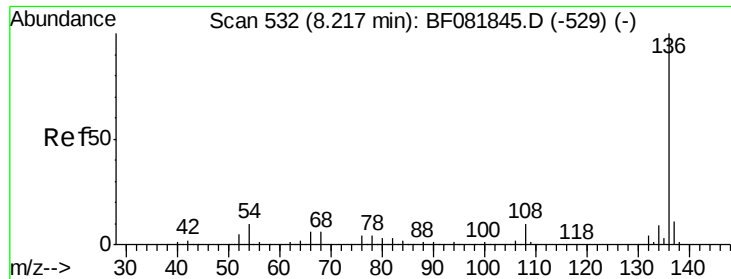
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

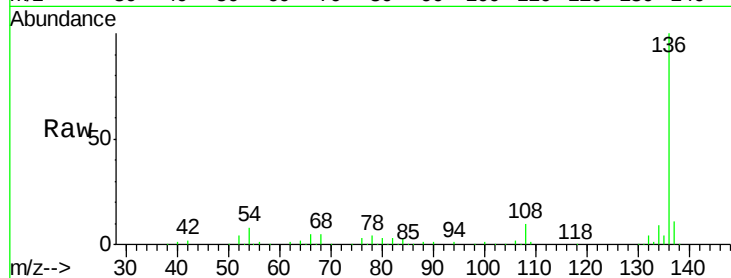




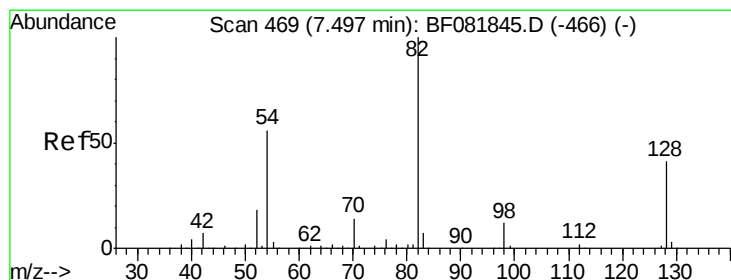
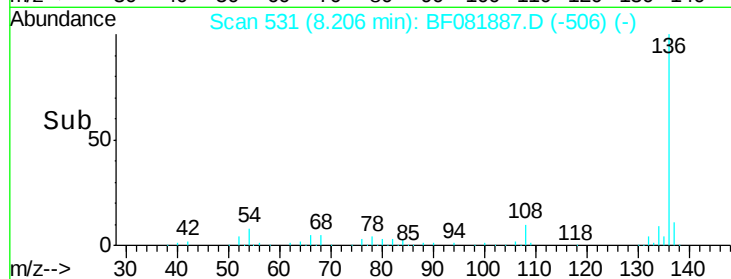
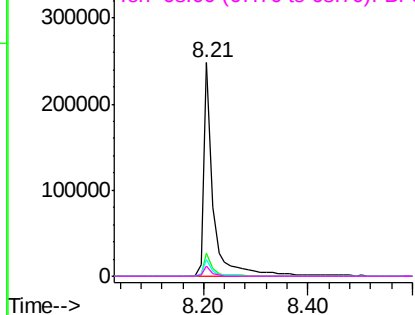
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :
PB85676BL

Tgt Ion: 136 Resp: 318143
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.1 8.2 12.2#
68 4.8 5.8 8.6#

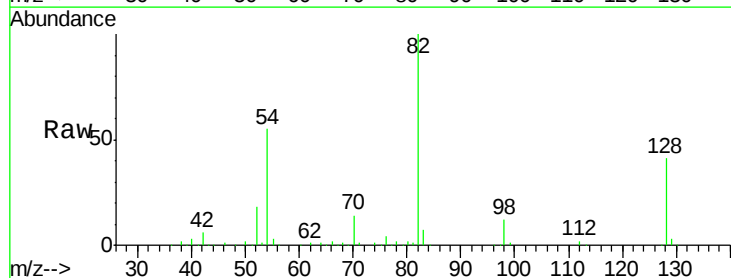


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

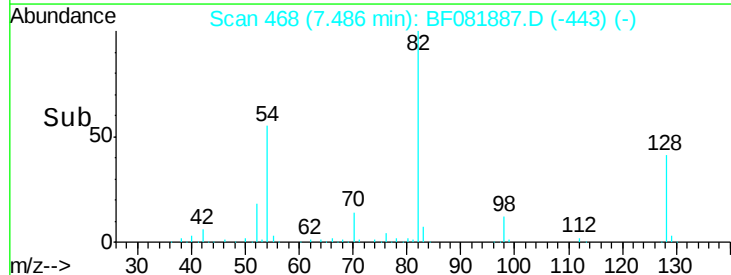
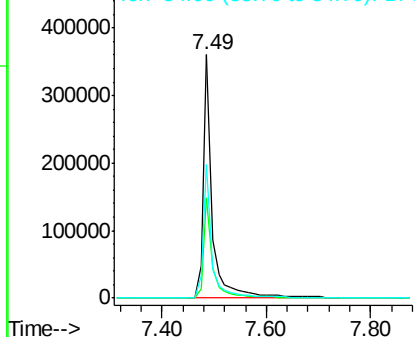


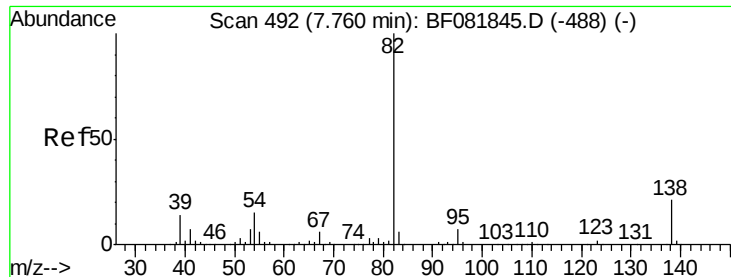
#23
Nitrobenzene-d5
Concen: 91.41 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Tgt Ion: 82 Resp: 436249
Ion Ratio Lower Upper
82 100
128 41.1 51.0 76.6#
54 55.0 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: 41.14 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

PB85676BL

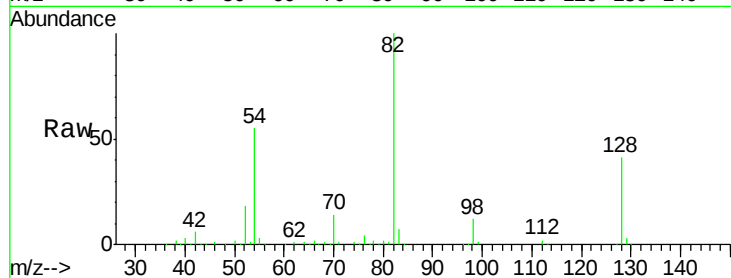
Tgt Ion: 82 Resp: 389181

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

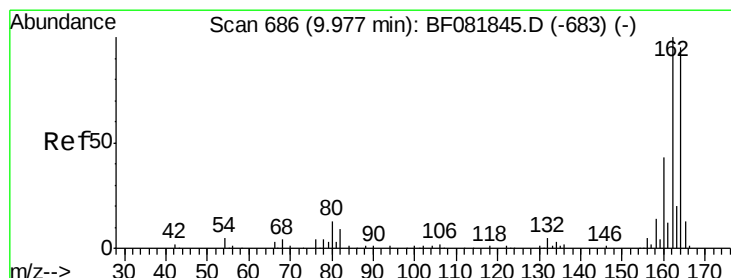
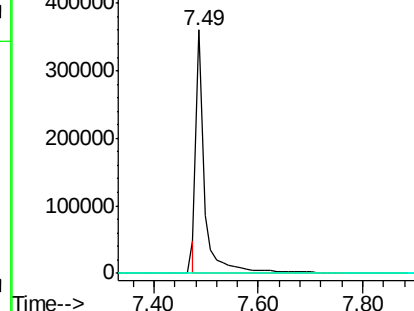
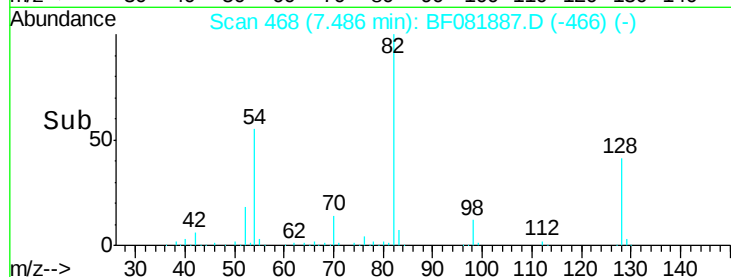
138 0.0 18.3 27.5#



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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

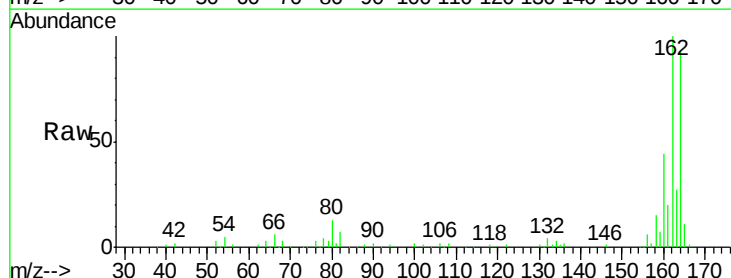
Tgt Ion: 164 Resp: 137734

Ion Ratio Lower Upper

164 100

162 107.0 75.2 112.8

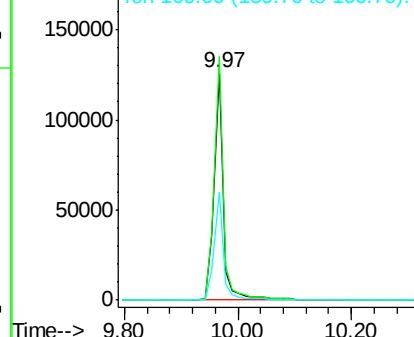
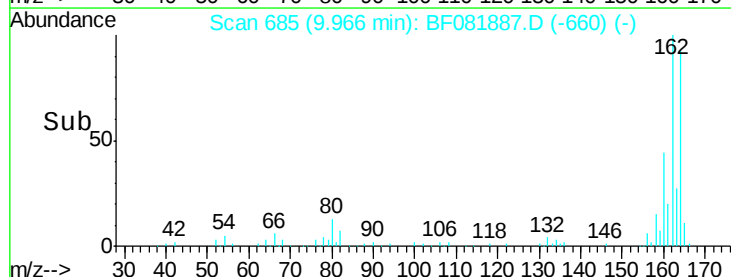
160 47.3 31.5 47.3#

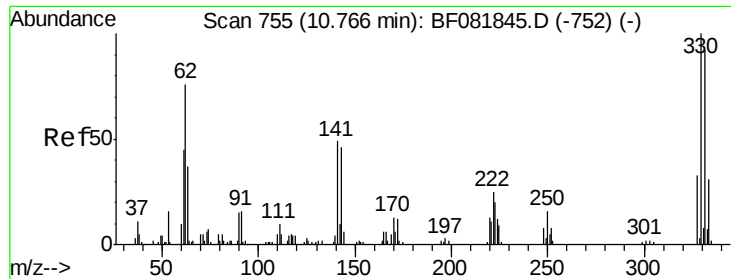


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

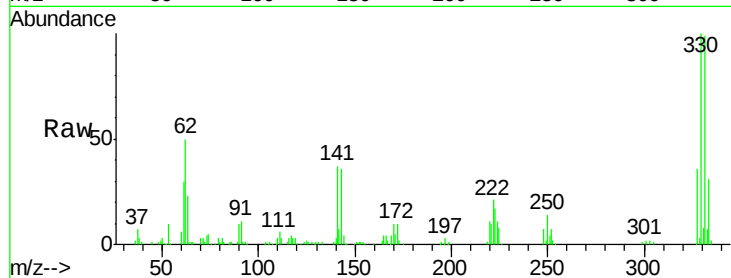




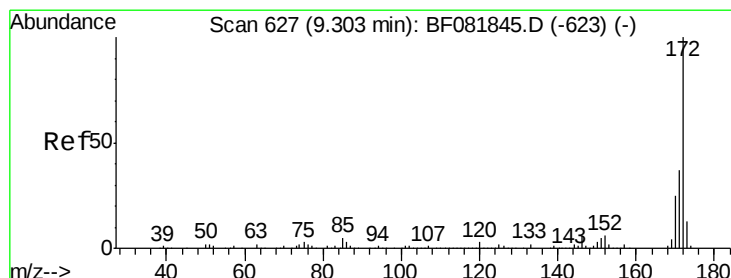
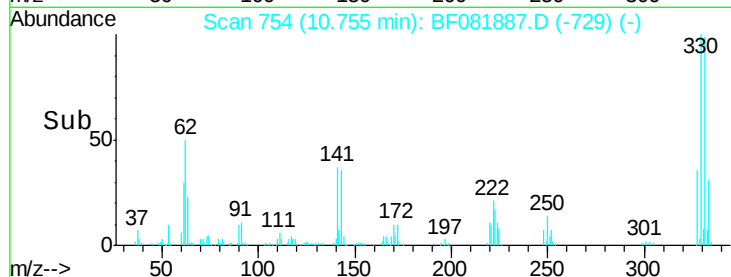
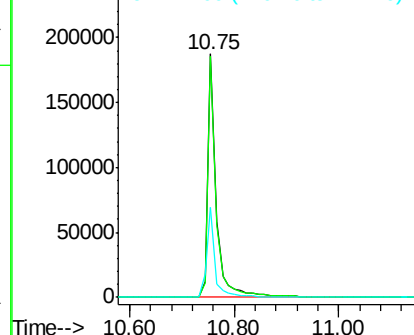
#41
 2,4,6-Tribromophenol
 Concen: 155.81 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Instrument :
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 ClientSampleId :
 PB85676BL

Tgt Ion:330 Resp: 217336
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 36.6 29.7 44.5

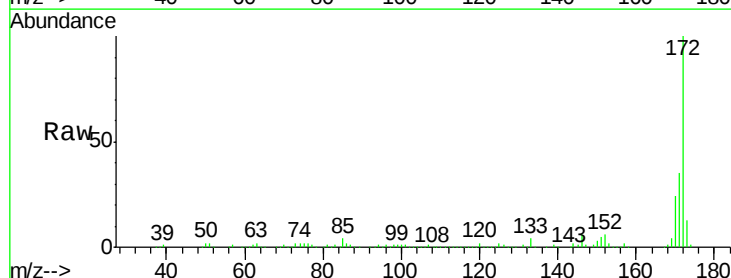


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

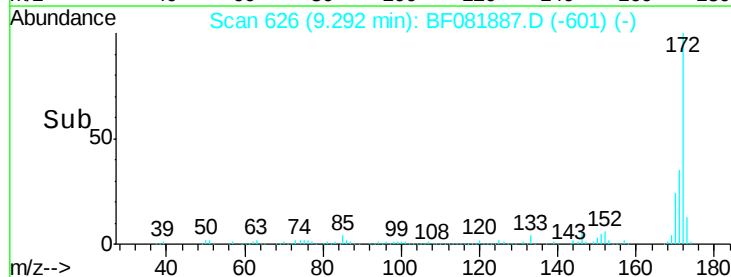
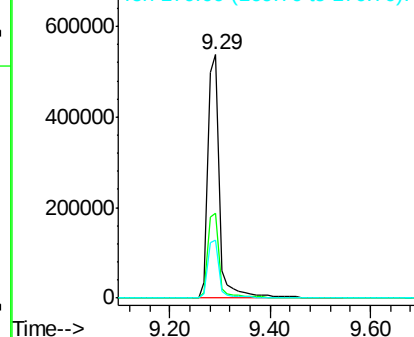


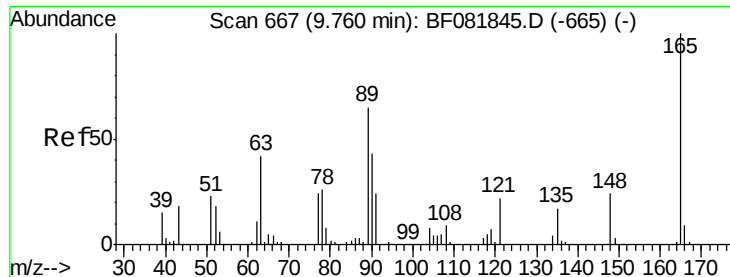
#44
 2-Fluorobiphenyl
 Concen: 112.99 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion:172 Resp: 871476
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.9 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: 7.74 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

PB85676BL

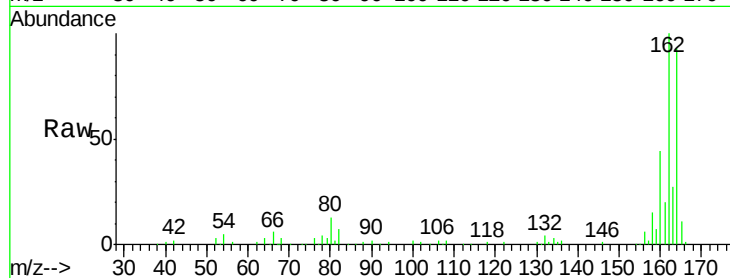
Tgt Ion:165 Resp: 15974

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

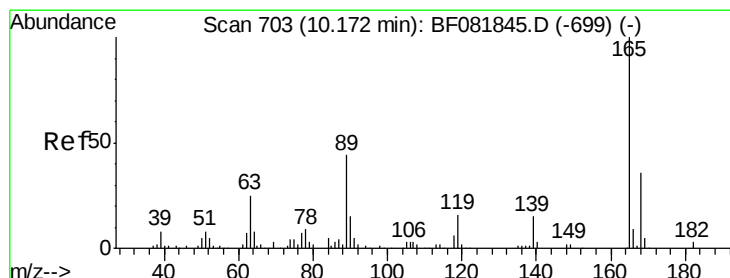
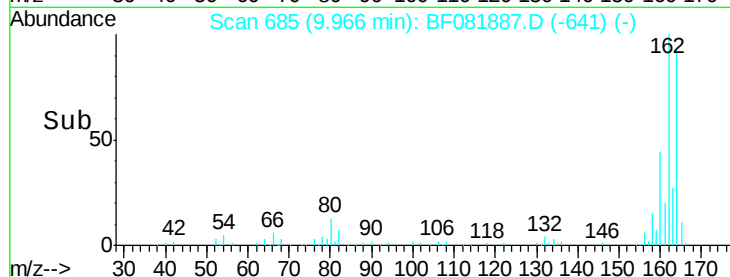
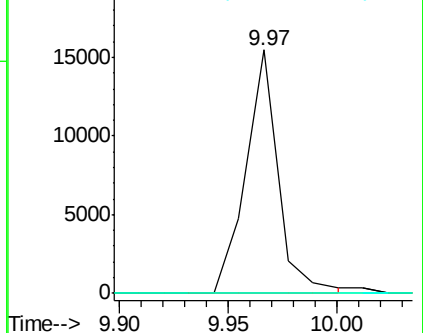
89 0.0 28.6 43.0#



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: 6.16 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Tgt Ion:165 Resp: 16219

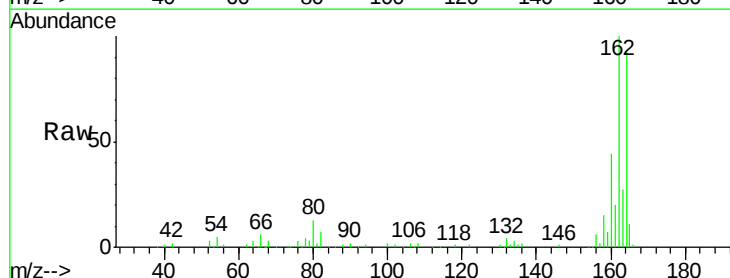
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

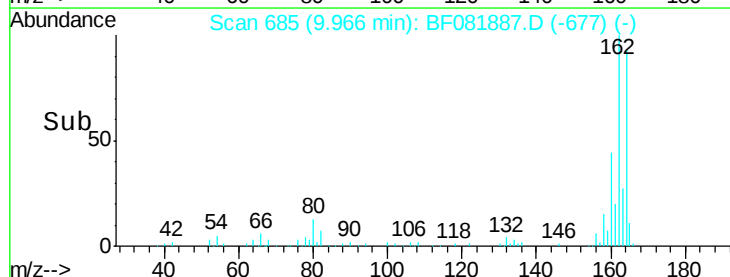
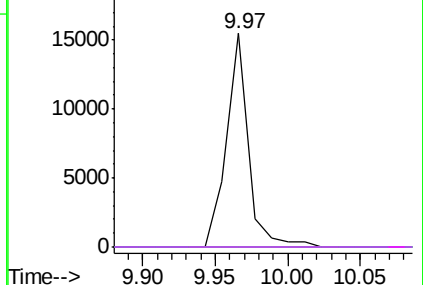


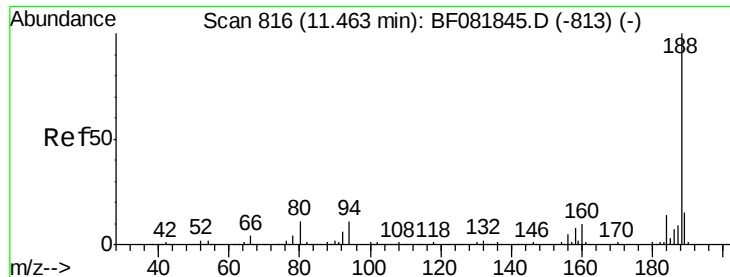
Abundance Ion 165.00 (164.70 to 165.70): E

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

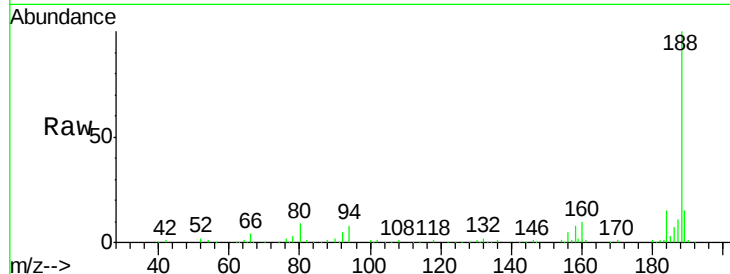




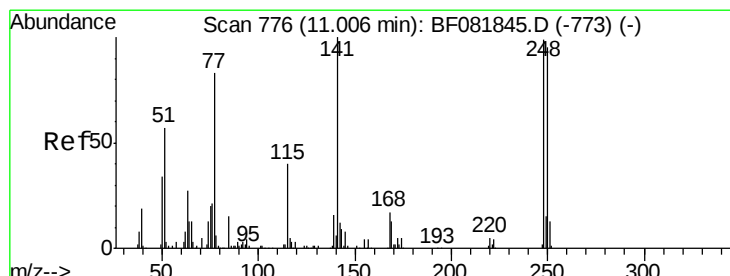
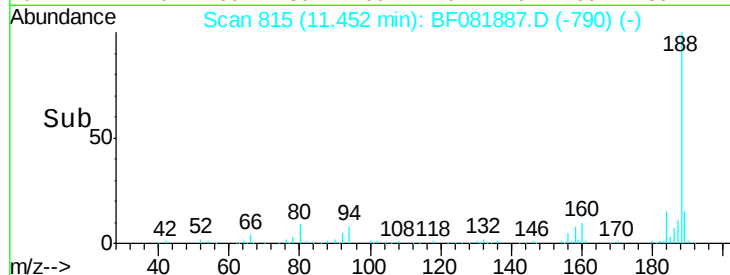
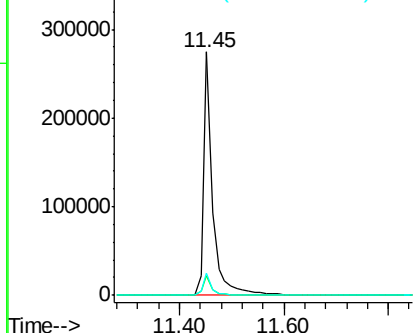
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

Tgt Ion:188 Resp: 331326
 Ion Ratio Lower Upper
 188 100
 94 8.1 11.1 16.7#
 80 9.0 11.0 16.4#

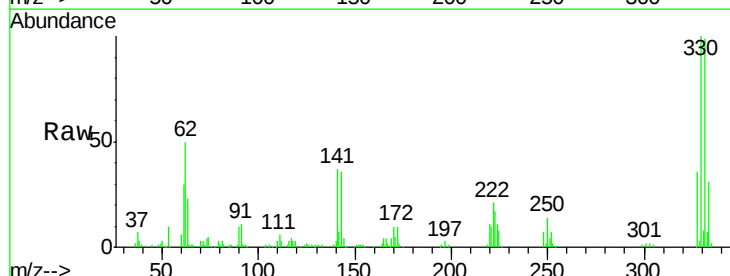


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

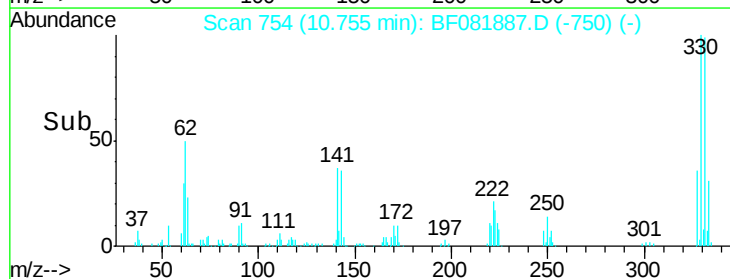
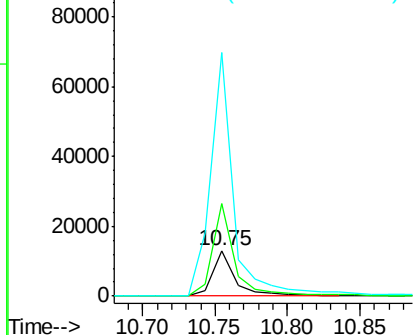


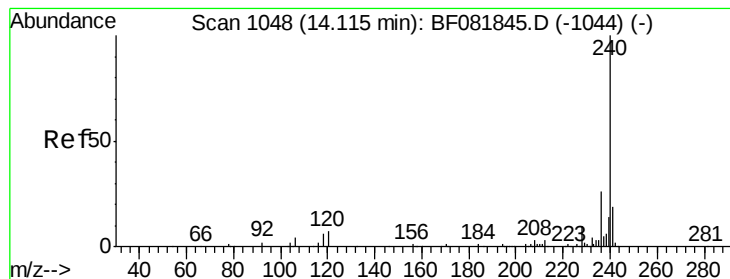
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion:248 Resp: 13679
 Ion Ratio Lower Upper
 248 100
 250 204.2 78.5 117.7#
 141 538.1 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: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

PB85676BL

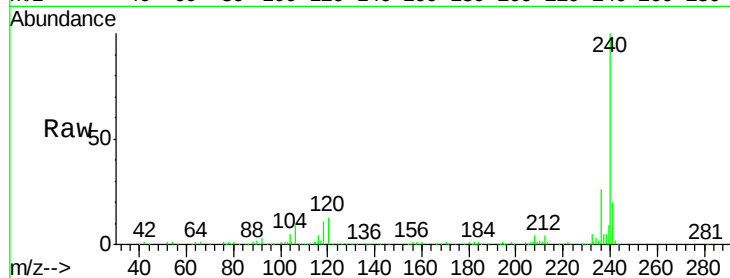
Tgt Ion:240 Resp: 394932

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

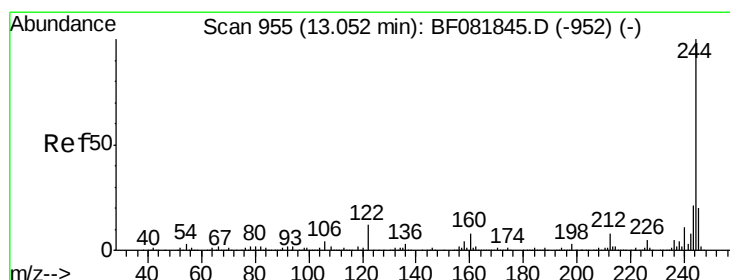
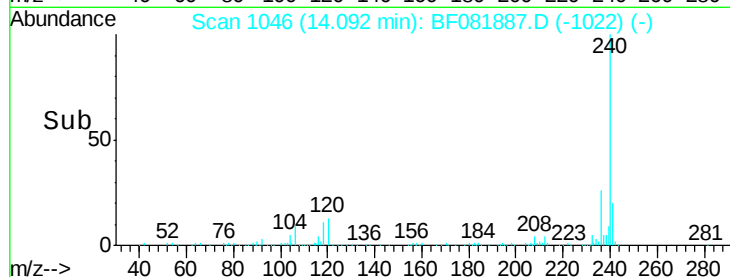
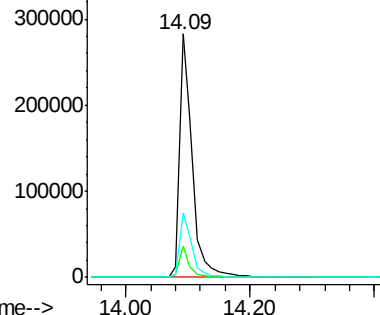
236 26.4 18.4 27.6



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: 95.63 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

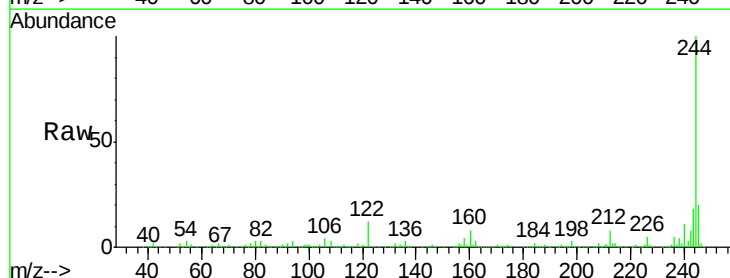
Tgt Ion:244 Resp: 1129287

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

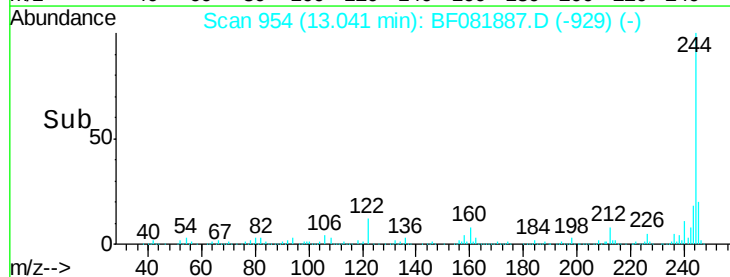
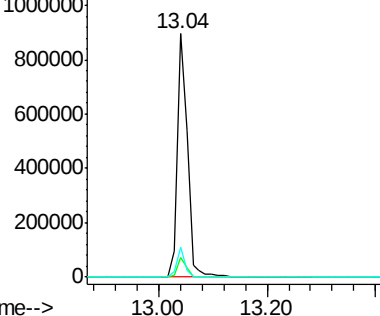
122 12.3 17.4 26.2#

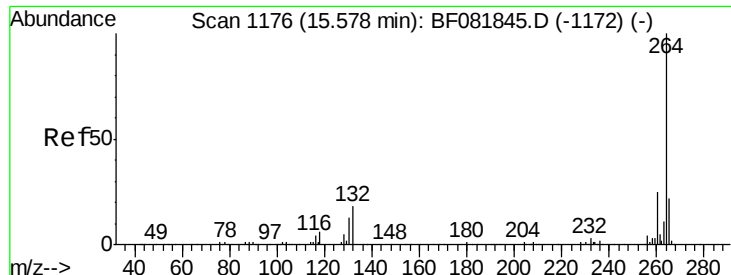


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

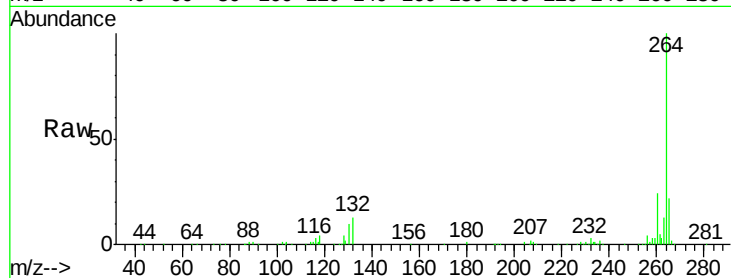




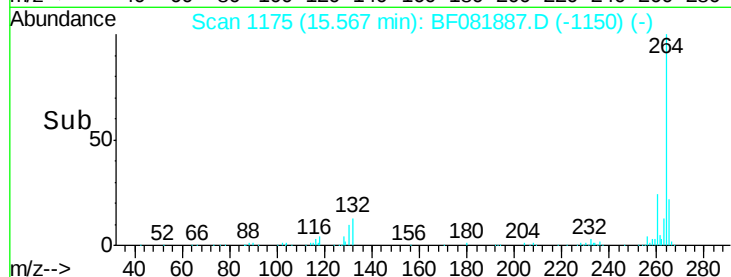
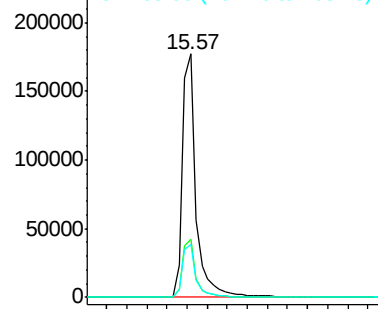
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :
PB85676BL

Tgt Ion: 264 Resp: 334187
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 21.7 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



Time-->