

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081900.D
 Acq On : 30 Sep 2015 6:29
 Operator : UM/IZ
 Sample : G3827-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Quant Time: Sep 30 08:02:31 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

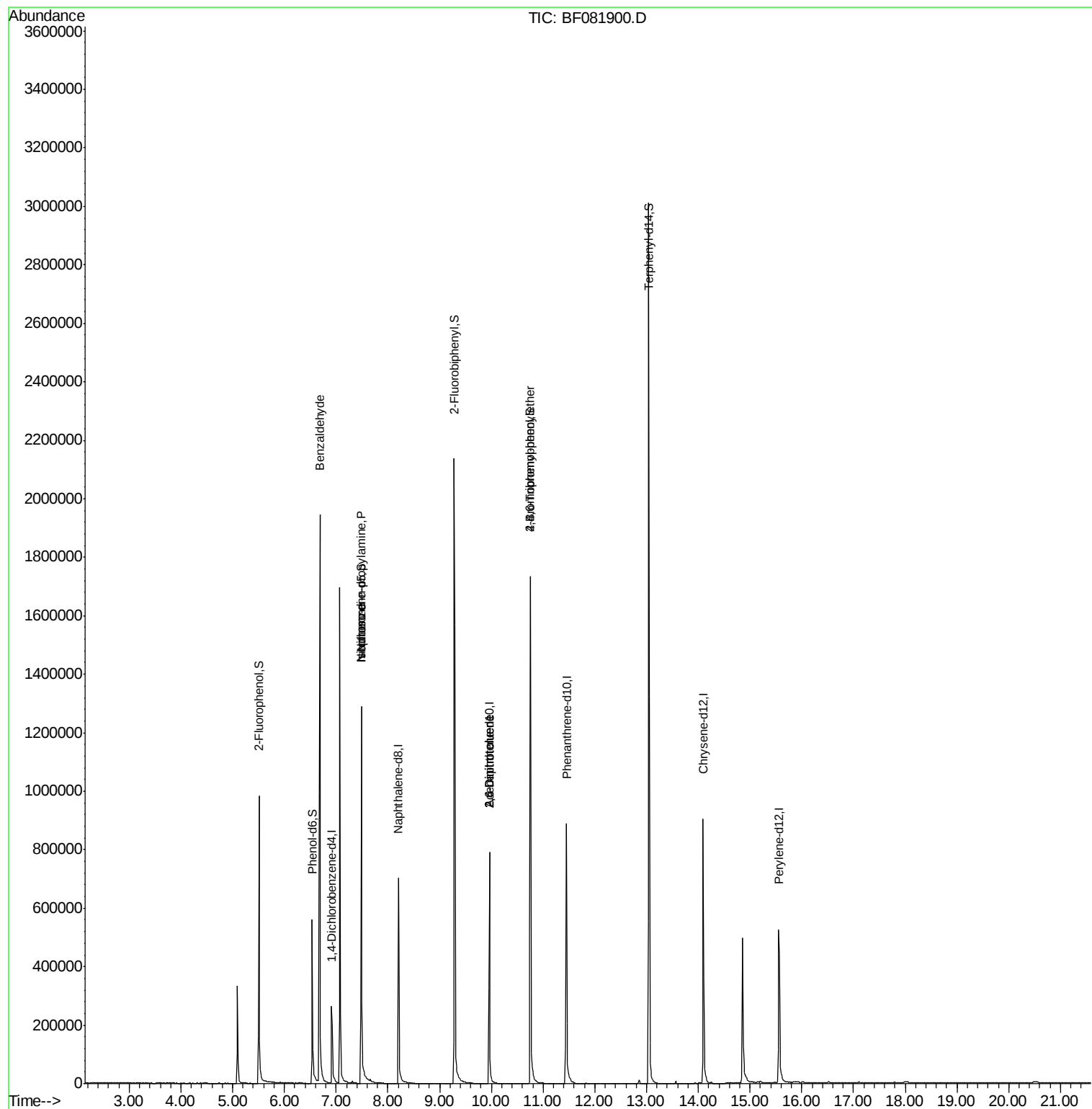
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	72276	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	403670	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	203832	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	429347	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	427407	20.00	ng	-0.02
86) Perylene-d12	15.56	264	376867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	303505	76.23	ng	-0.01
7) Phenol-d6	6.54	99	264597	52.81	ng	-0.02
23) Nitrobenzene-d5	7.49	82	543268	89.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	265384	128.56	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1086917	90.33	ng	-0.02
78) Terphenyl-d14	13.04	244	1249875	98.84	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	13929	4.25	ng	# 65
19) n-Nitroso-di-n-propylamine	7.49	70	67847	22.28	ng	# 58
25) Isophorone	7.49	82	490573	40.87	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	24537	8.03	ng	# 38
56) 2,4-Dinitrotoluene	9.97	165	25057	6.43	ng	# 32
57) Fluorene	10.75	166	9734	Below Cal		# 80
66) 4-Bromophenyl-phenylether	10.75	248	16791	3.88	ng	# 1
73) Di-n-butylphthalate	12.01	149	569	Below Cal		# 78

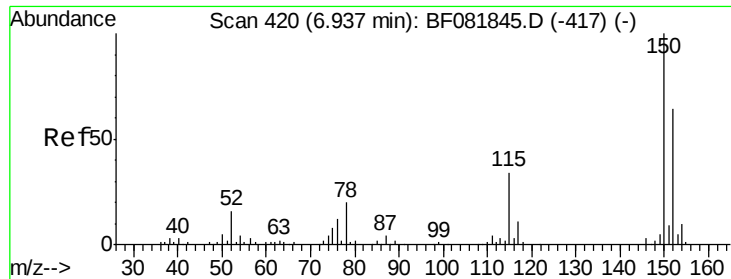
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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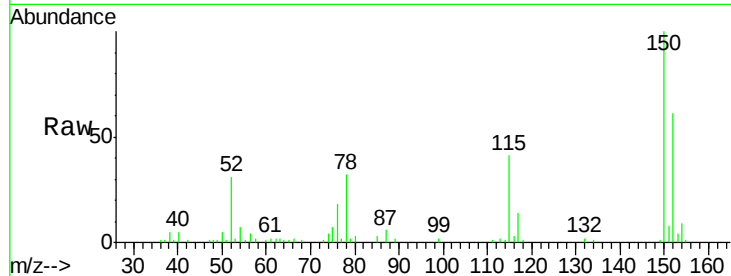




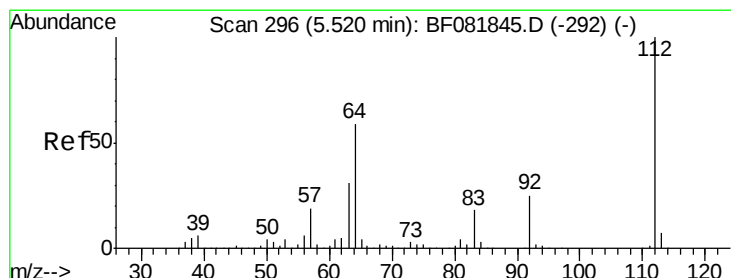
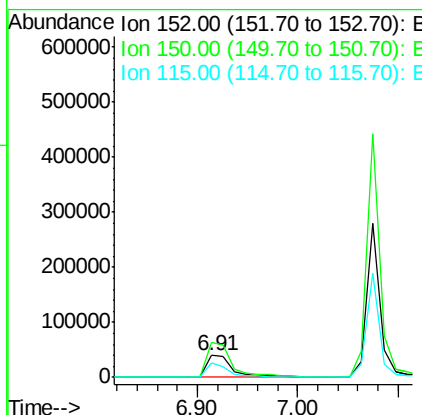
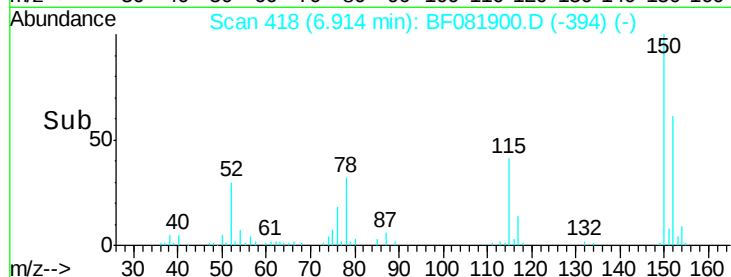
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Tgt Ion:152 Resp: 72276
 Ion Ratio Lower Upper
 152 100
 150 163.4 124.7 187.1
 115 67.6 39.0 58.4#

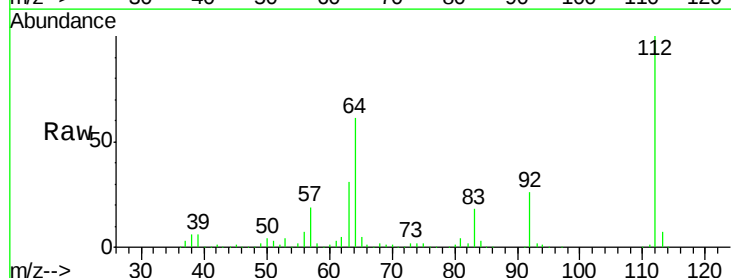


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

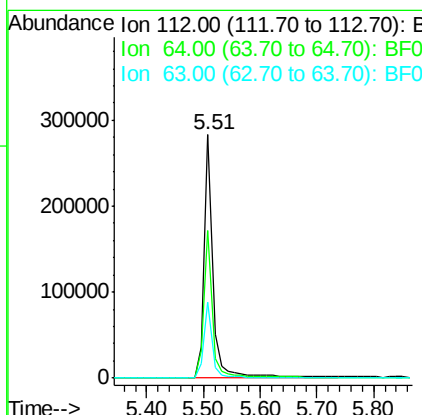
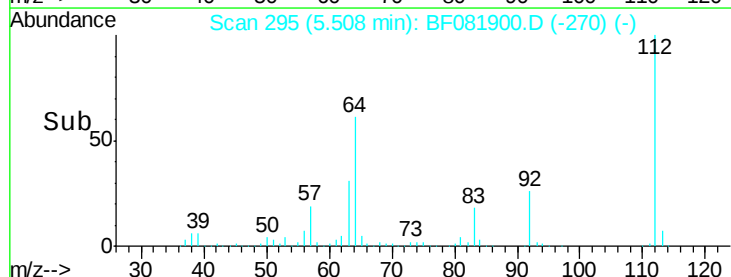


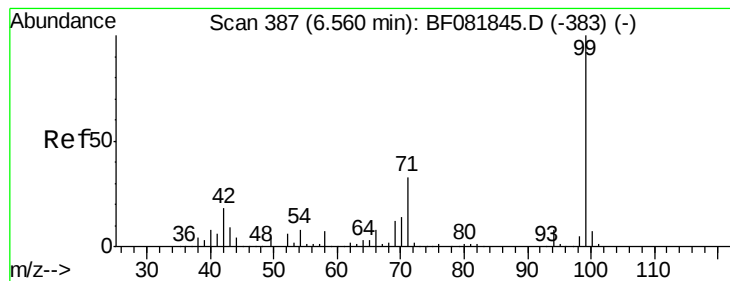
#5
 2-Fluorophenol
 Concen: 76.23 ng
 RT: 5.51 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:112 Resp: 303505
 Ion Ratio Lower Upper
 112 100
 64 60.8 39.7 59.5#
 63 31.2 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: 52.81 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

FB092315

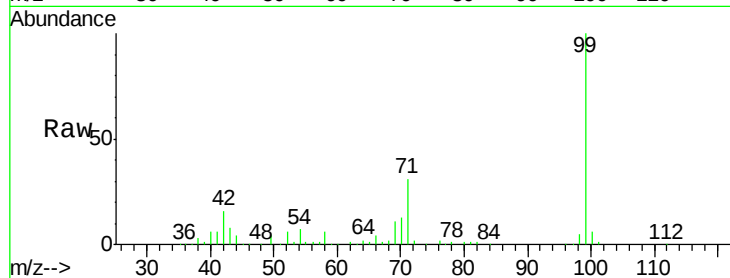
Tgt Ion: 99 Resp: 264597

Ion Ratio Lower Upper

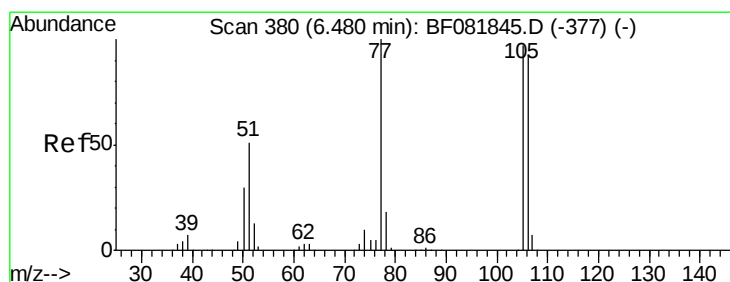
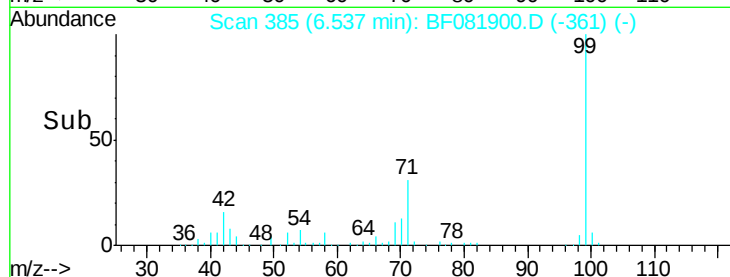
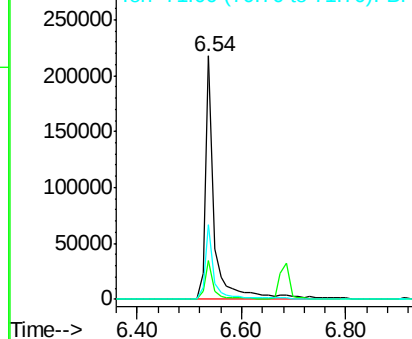
99 100

42 15.9 13.7 20.5

71 30.6 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



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.21 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

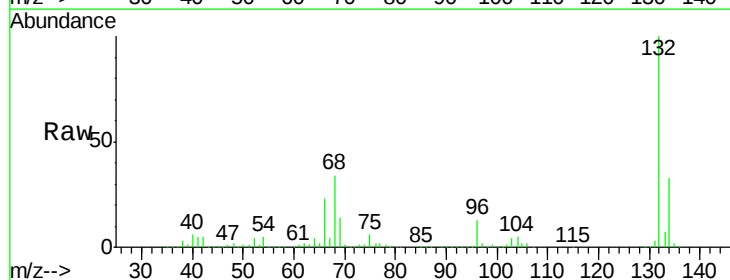
Tgt Ion: 77 Resp: 13929

Ion Ratio Lower Upper

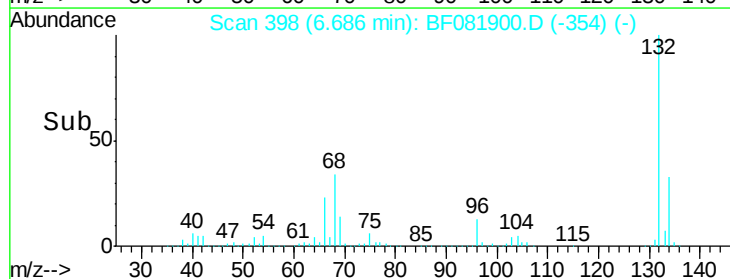
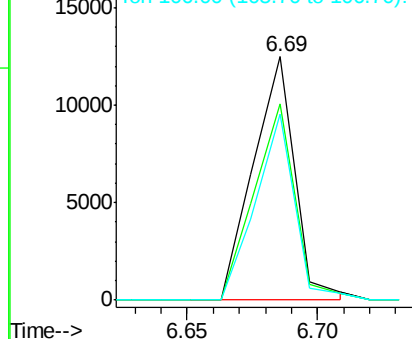
77 100

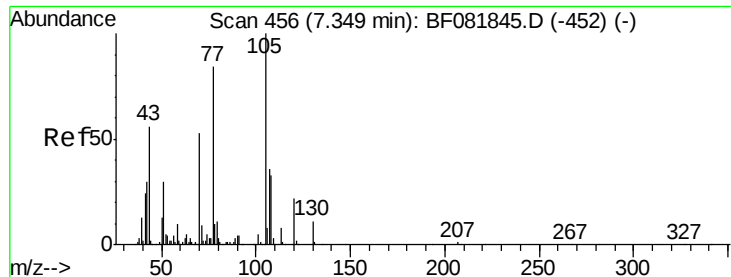
105 80.5 91.6 131.6#

106 76.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

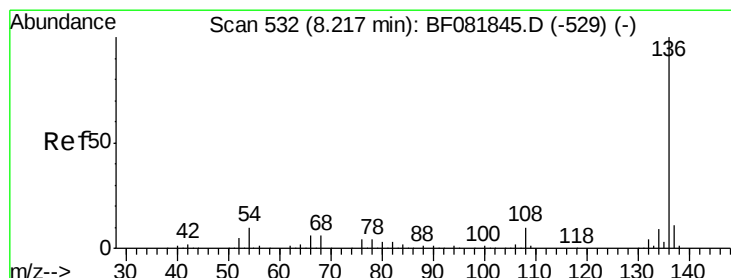
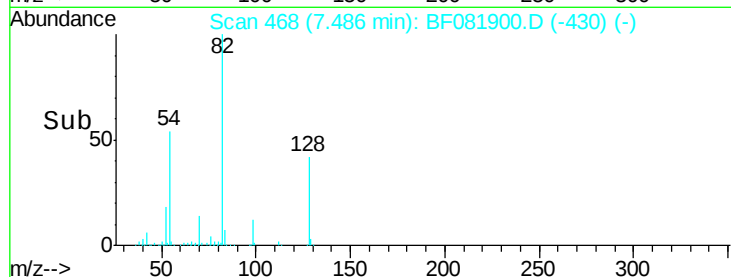
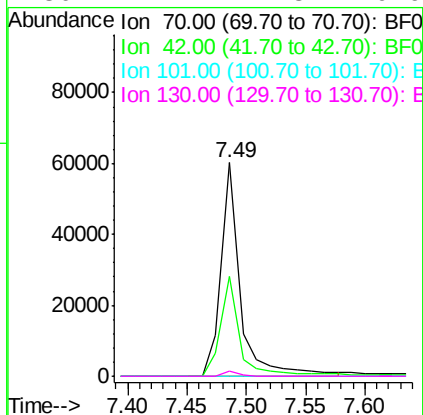
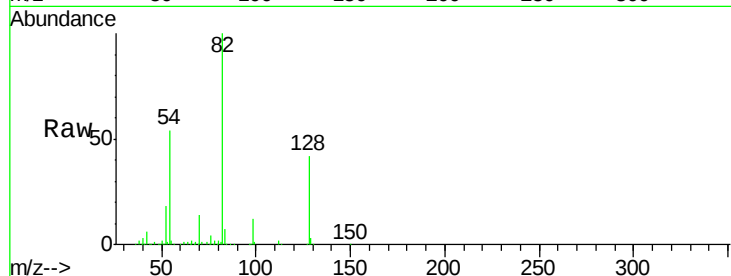




#19
n-Nitroso-di-n-propylamine
Concen: 22.28 ng
RT: 7.49 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF081900.D
Acq: 30 Sep 2015 6:29

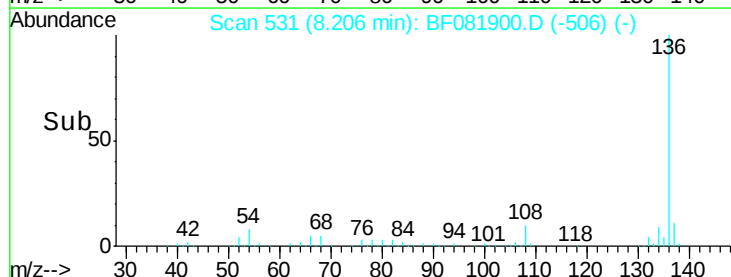
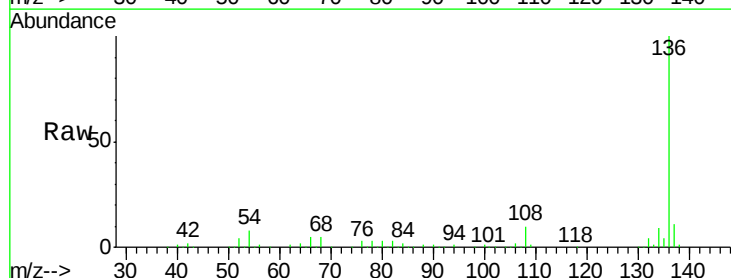
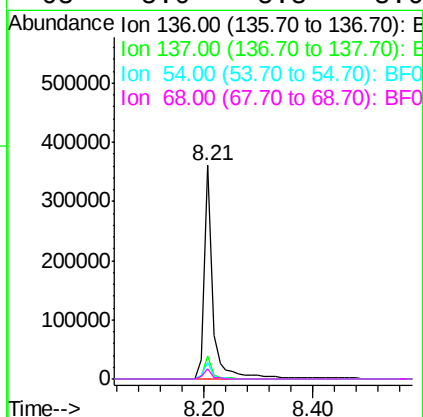
Instrument :
BNA_F
ClientSampleId :
FB092315

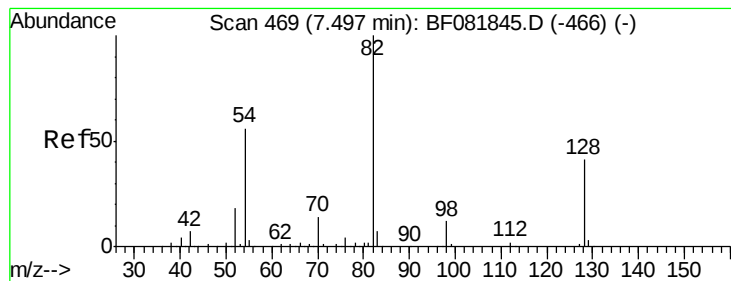
Tgt Ion: 70 Resp: 67847
Ion Ratio Lower Upper
70 100
42 46.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081900.D
Acq: 30 Sep 2015 6:29

Tgt Ion: 136 Resp: 403670
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.7 8.2 12.2#
68 5.0 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 89.71 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

FB092315

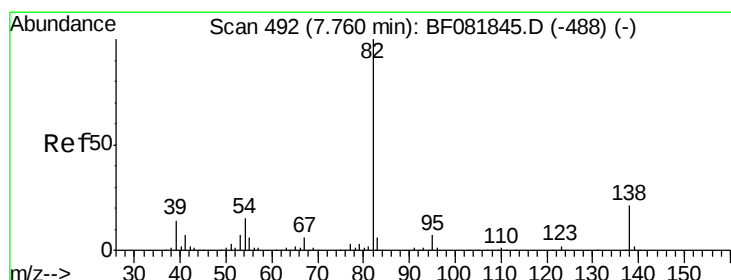
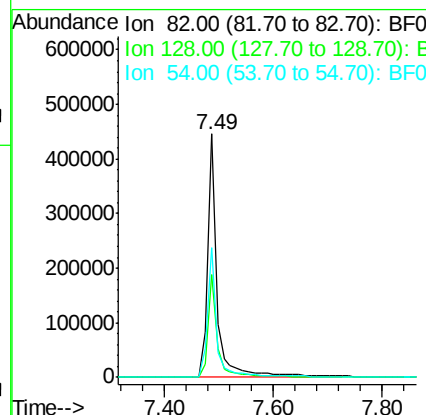
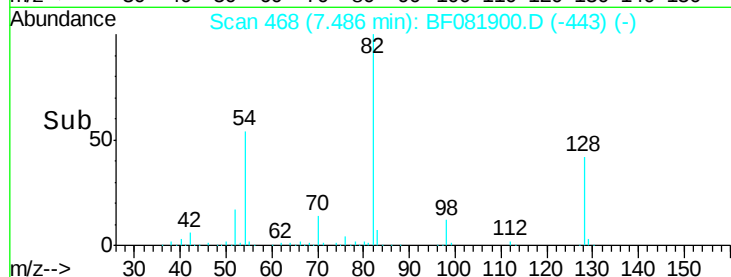
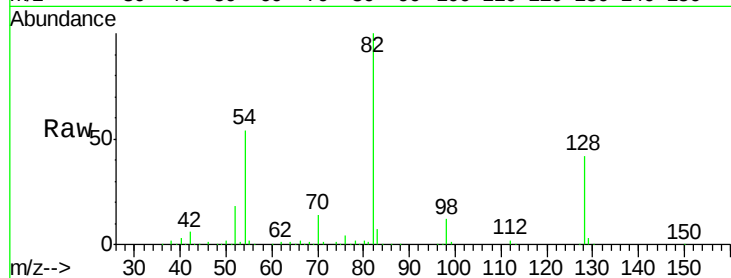
Tgt Ion: 82 Resp: 543268

Ion Ratio Lower Upper

82 100

128 42.2 51.0 76.6#

54 53.5 47.5 71.3



#25

Isophorone

Concen: 40.87 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

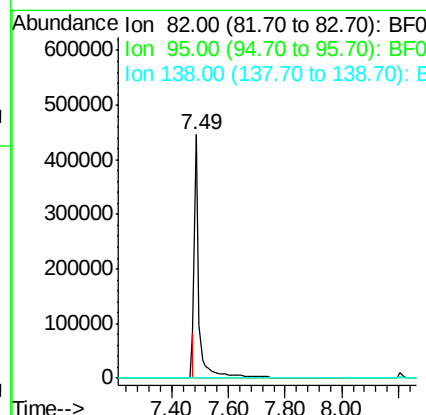
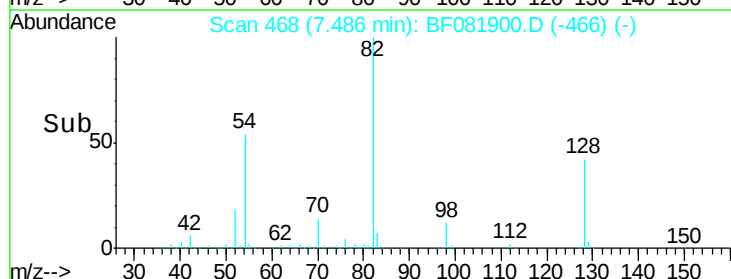
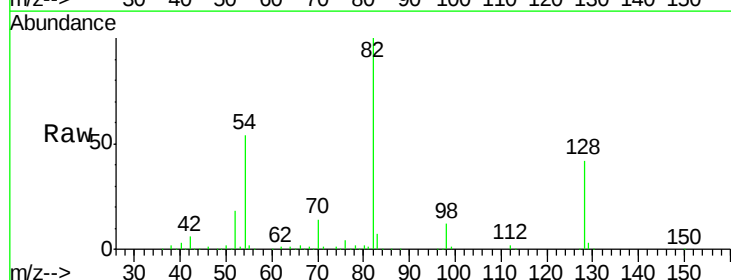
Tgt Ion: 82 Resp: 490573

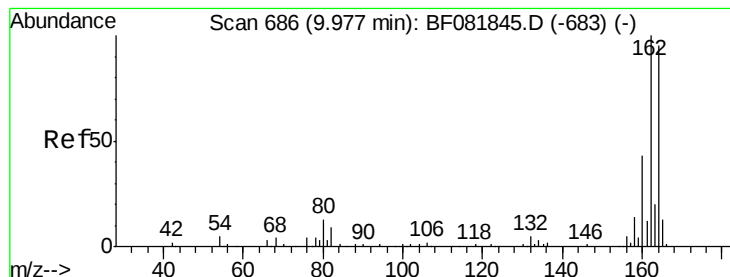
Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

FB092315

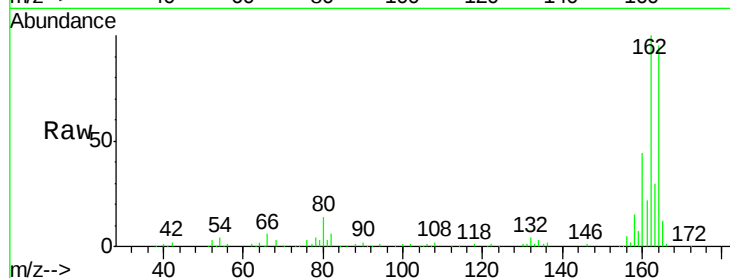
Tgt Ion:164 Resp: 203832

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

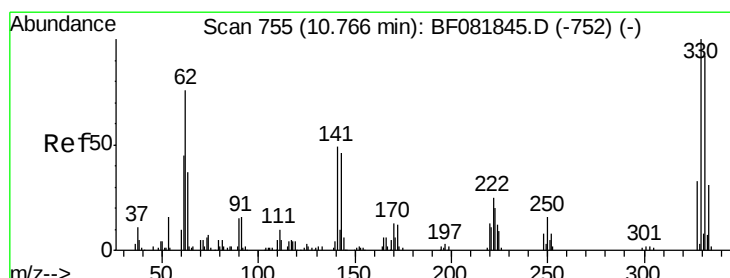
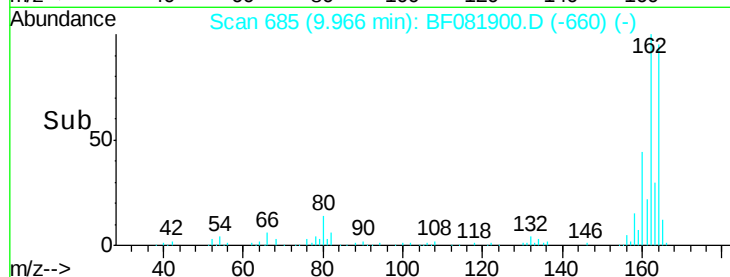
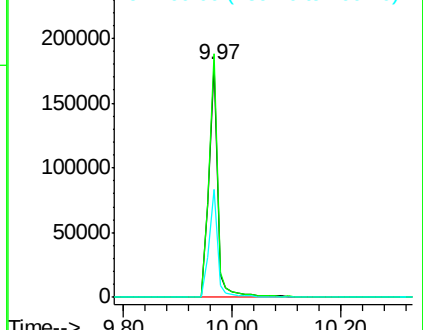
160 46.7 31.5 47.3



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: 128.56 ng

RT: 10.75 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

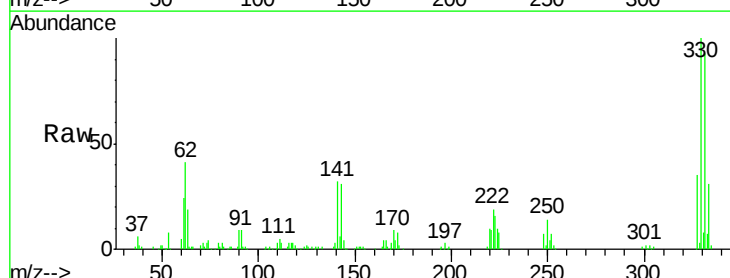
Tgt Ion:330 Resp: 265384

Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

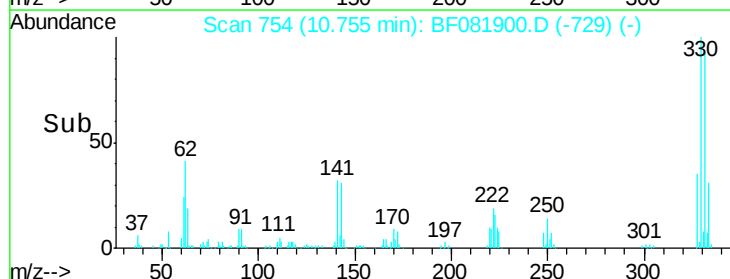
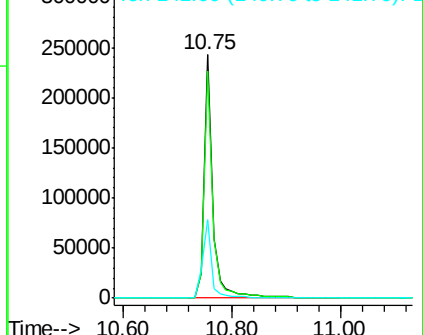
141 34.3 29.7 44.5

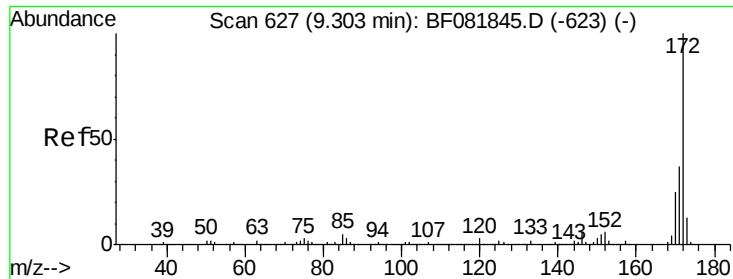


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



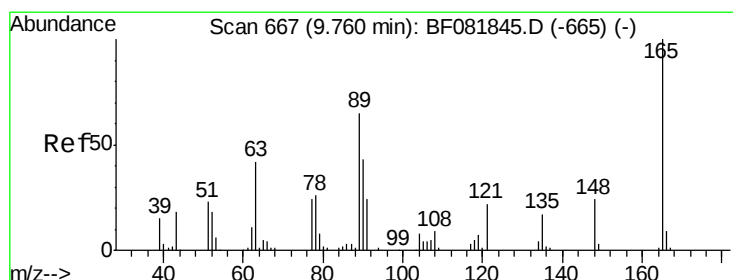
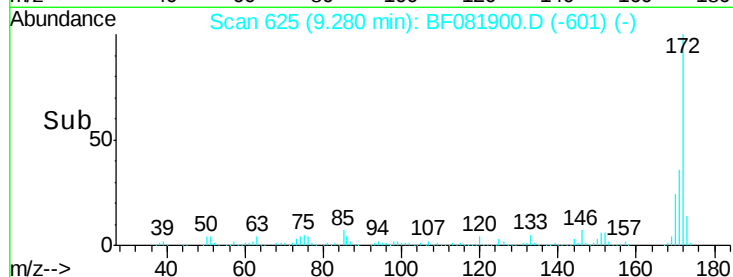
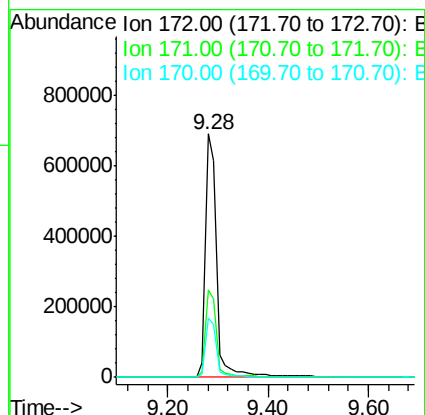
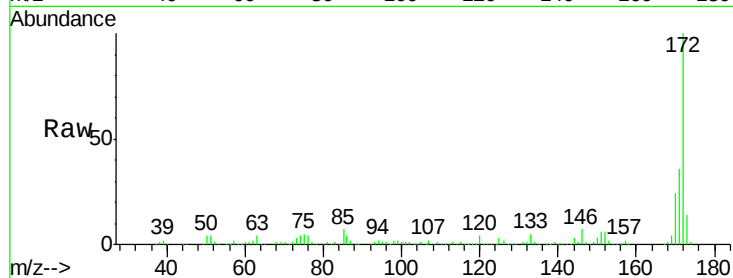


#44
 2-Fluorobiphenyl
 Concen: 90.33 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Tgt Ion:172 Resp: 1086917

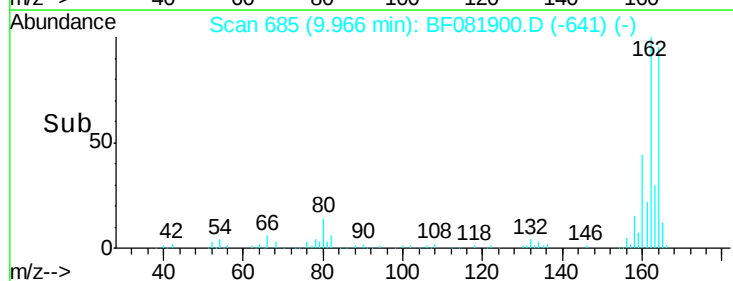
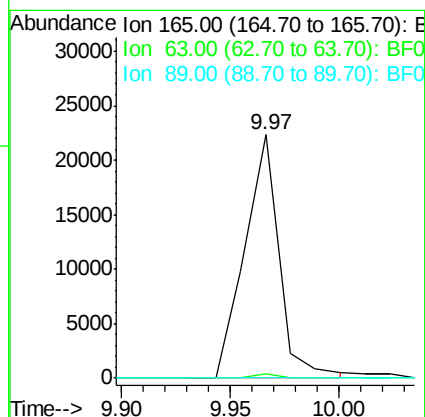
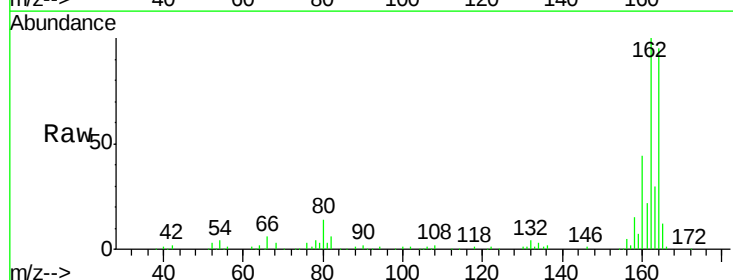
Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.4	17.4	26.2

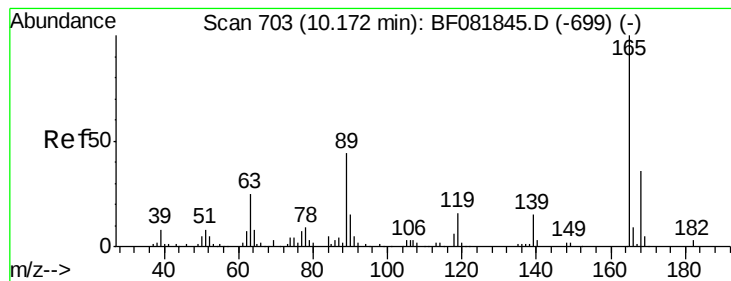


#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:165 Resp: 24537

Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.3	48.5#
89	0.0	28.6	43.0#





#56

2,4-Dinitrotoluene

Concen: 6.43 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

BF092315

Tgt Ion:165 Resp: 25057

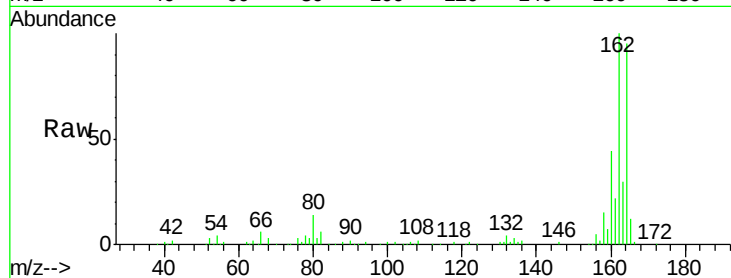
Ion Ratio Lower Upper

165 100

63 1.6 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

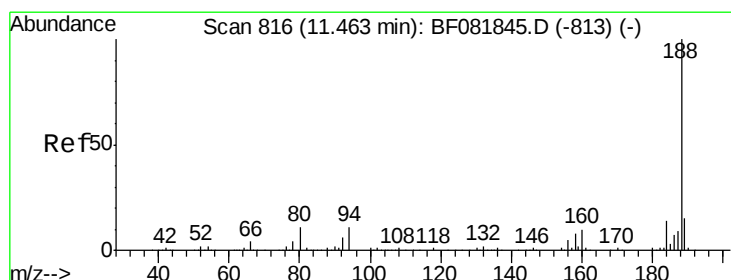
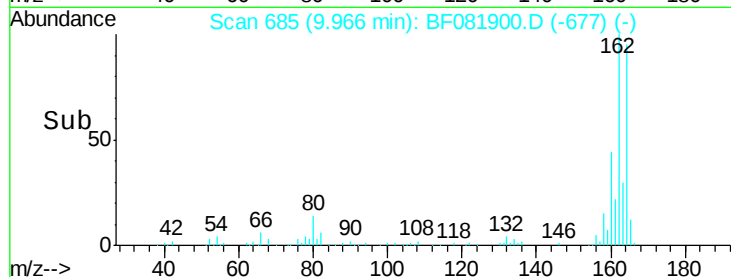
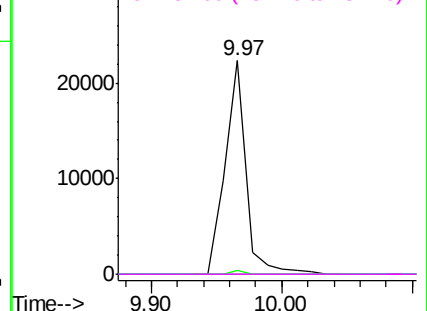


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081900.D

Acq: 30 Sep 2015 6:29

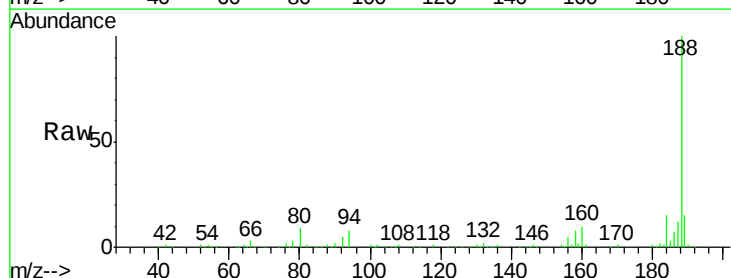
Tgt Ion:188 Resp: 429347

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

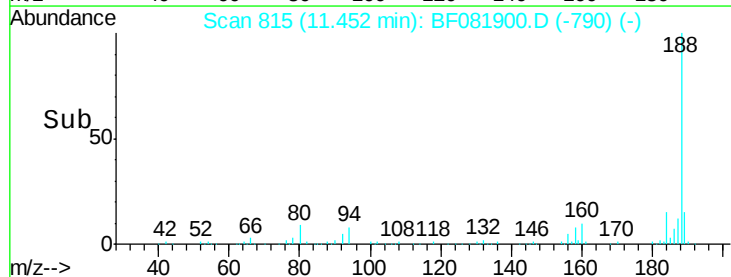
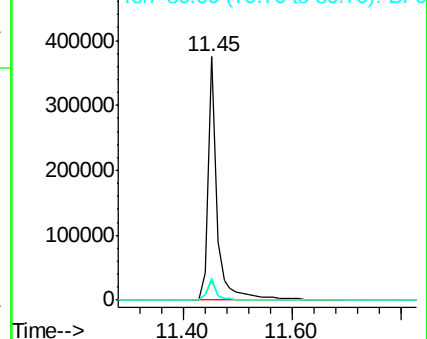
80 8.9 11.0 16.4#

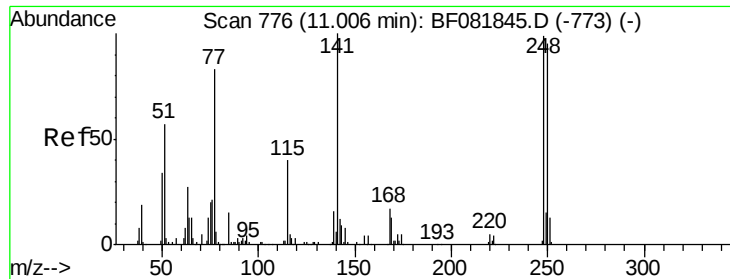


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

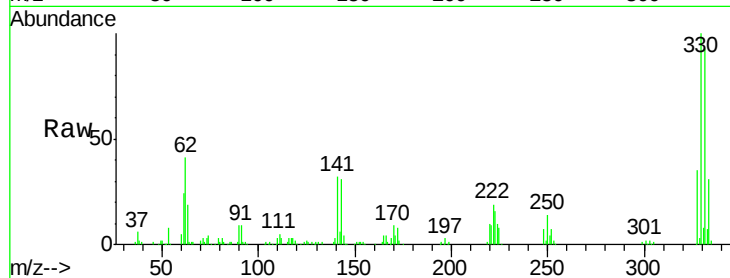




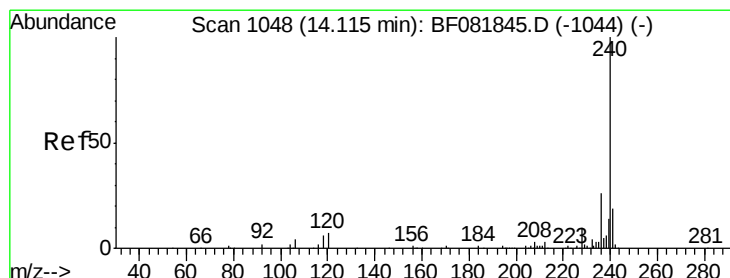
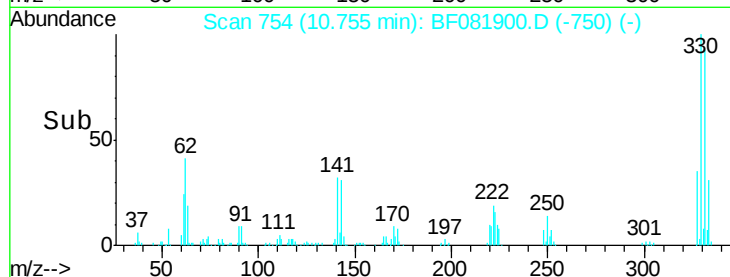
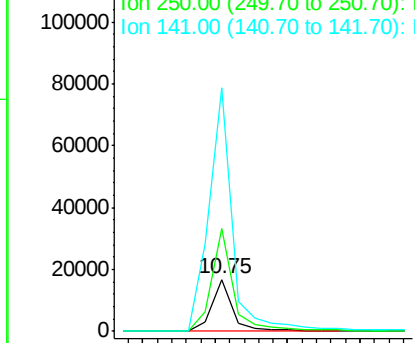
#66
 4-Bromophenyl-phenylether
 Concen: 3.88 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Tgt Ion:248 Resp: 16791
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.5 117.7#
 141 470.6 59.0 88.6#

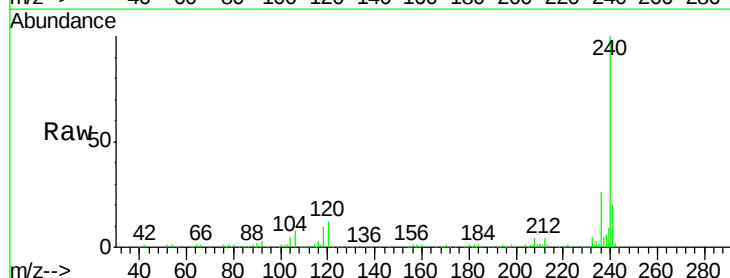


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

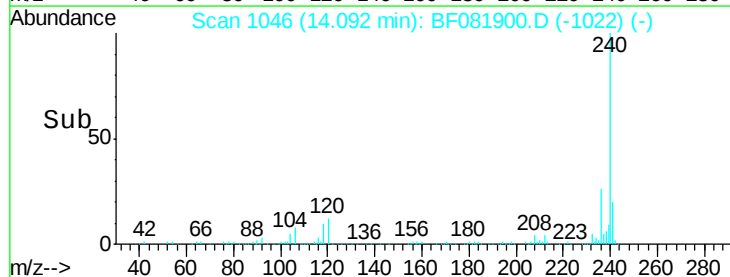
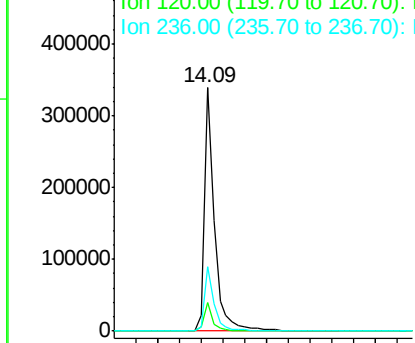


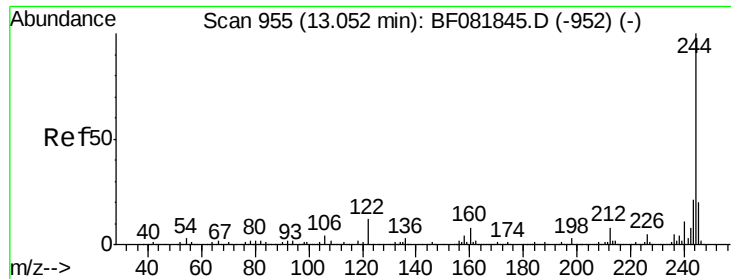
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:240 Resp: 427407
 Ion Ratio Lower Upper
 240 100
 120 11.6 16.2 24.2#
 236 26.3 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

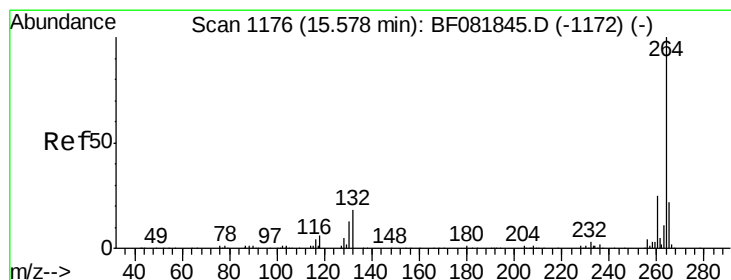
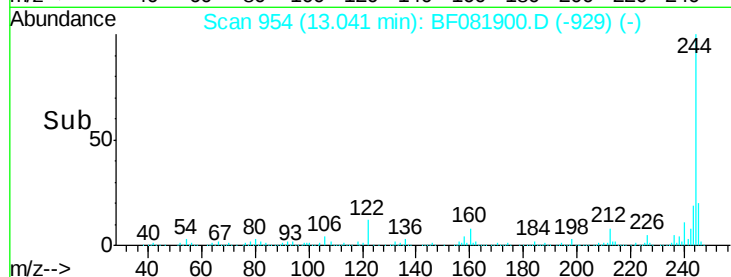
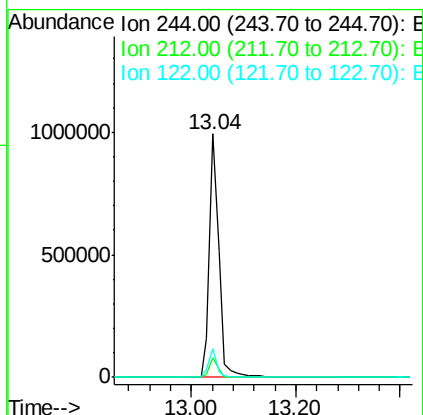
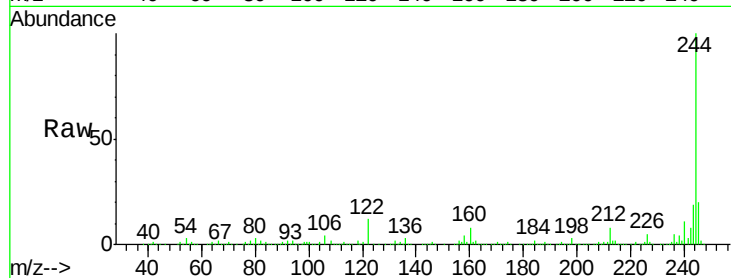




#78
 Terphenyl-d14
 Concen: 98.84 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampled :
 FB092315

Tgt Ion:244 Resp: 1249875
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:264 Resp: 376867
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.6 17.2 25.8

