

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085937.D
 Acq On : 31 Mar 2016 19:50
 Operator : UM/SJ
 Sample : H1976-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 31 21:48:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

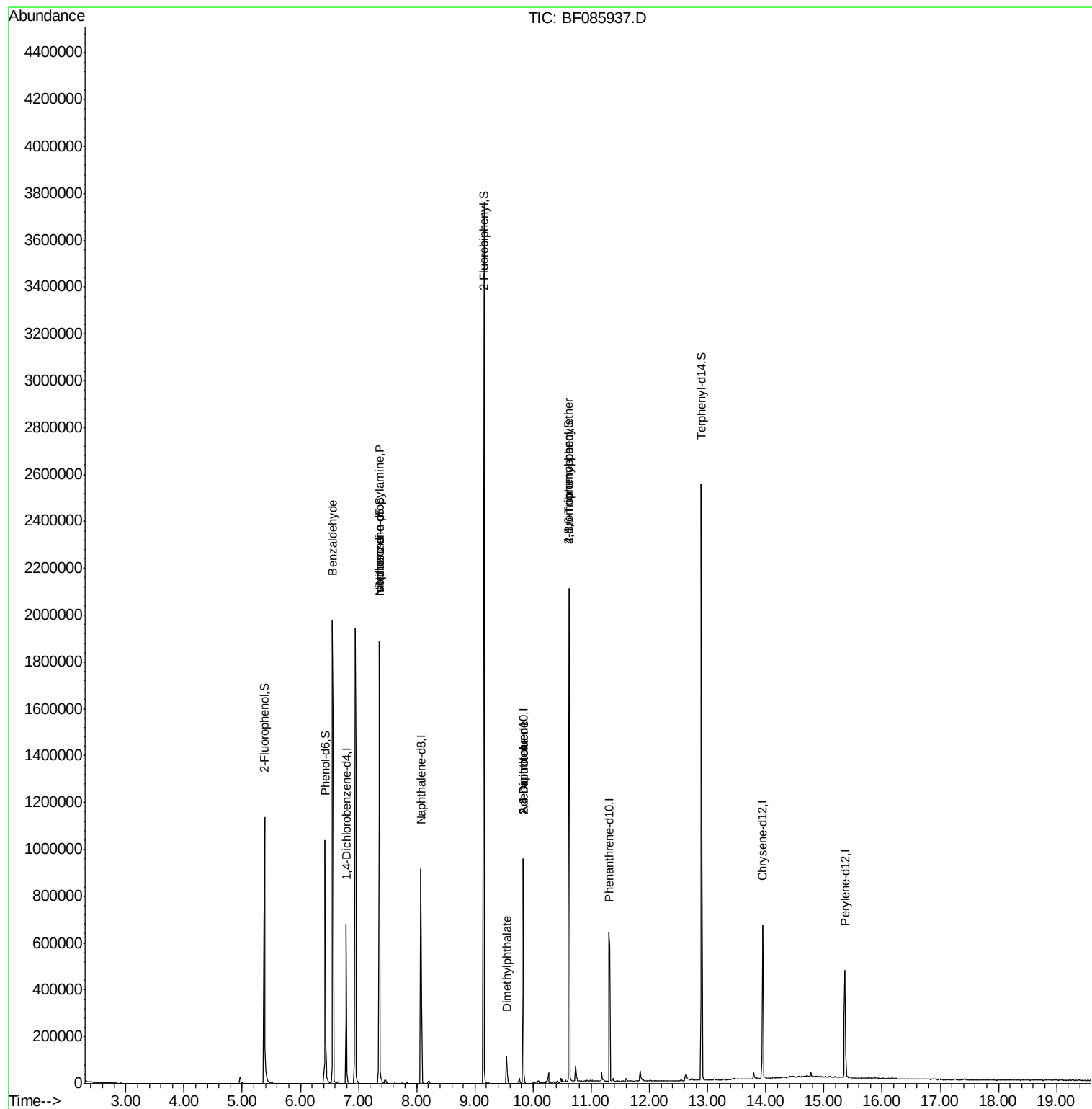
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117581	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	453802	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	205229	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	339625	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	211952	20.00	ng	-0.02
86) Perylene-d12	15.36	264	214561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	458328	64.92	ng	-0.01
7) Phenol-d6	6.42	99	380330	42.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	795497	98.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	257733	132.18	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1265545	103.03	ng	-0.01
78) Terphenyl-d14	12.89	244	880570	85.44	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.55	77	16376	3.03	ng	81
19) n-Nitroso-di-n-propylamine	7.36	70	103912	19.33	ng	# 74
25) Isophorone	7.36	82	783218	50.45	ng	# 68
49) Dimethylphthalate	9.54	163	50244	3.23	ng	99
50) 2,6-Dinitrotoluene	9.83	165	25481	7.60	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	25481	5.98	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	17287	4.98	ng	# 1

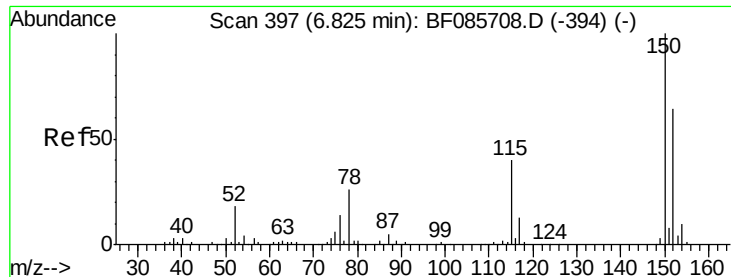
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

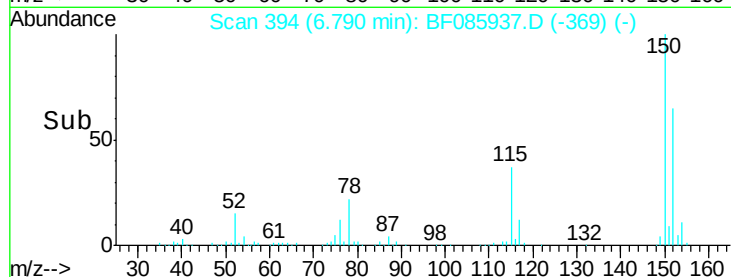
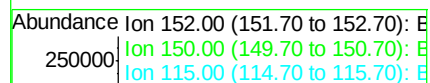
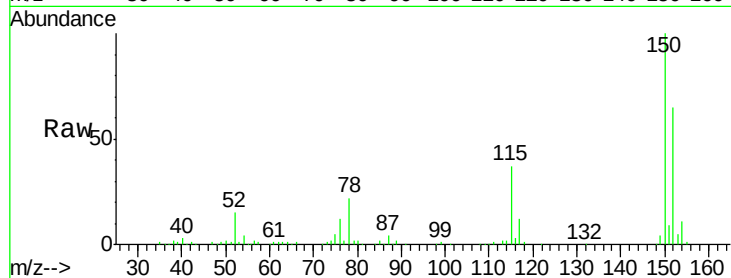
Tgt Ion:152 Resp: 117581

Ion Ratio Lower Upper

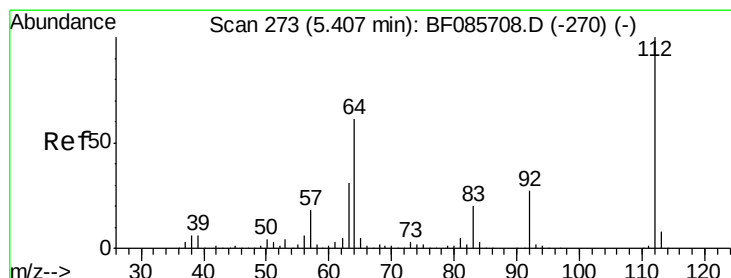
152 100

150 154.3 124.2 186.2

115 57.6 47.0 70.6



Time-->



#5

2-Fluorophenol

Concen: 64.92 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

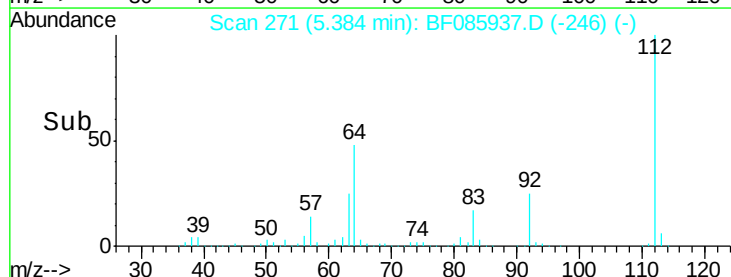
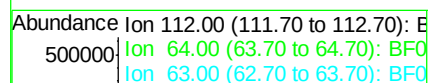
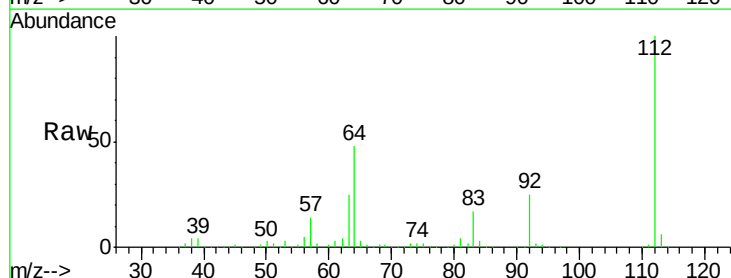
Tgt Ion:112 Resp: 458328

Ion Ratio Lower Upper

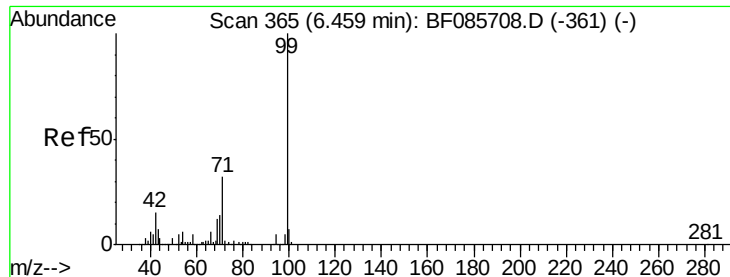
112 100

64 47.5 39.9 59.9

63 24.6 20.2 30.2



Time-->



#7

Phenol-d6

Concen: 42.37 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampled :

MW-1

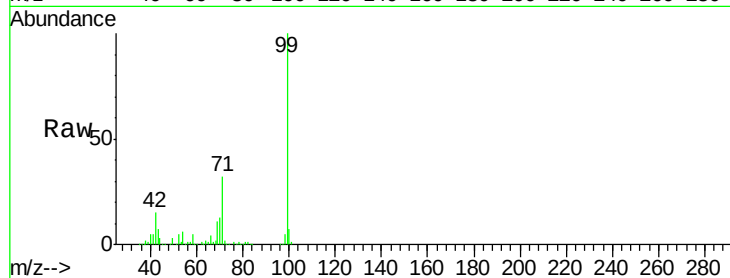
Tgt Ion: 99 Resp: 380330

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

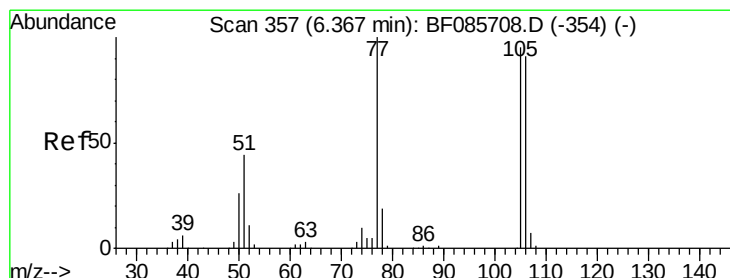
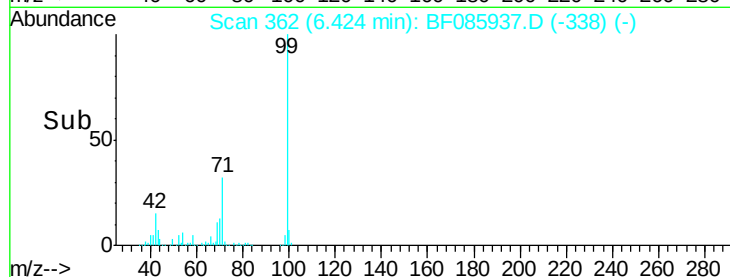
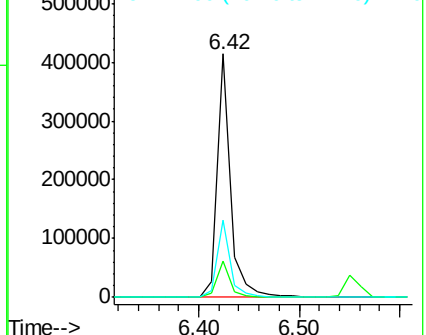
71 31.6 24.9 37.3



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: 3.03 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

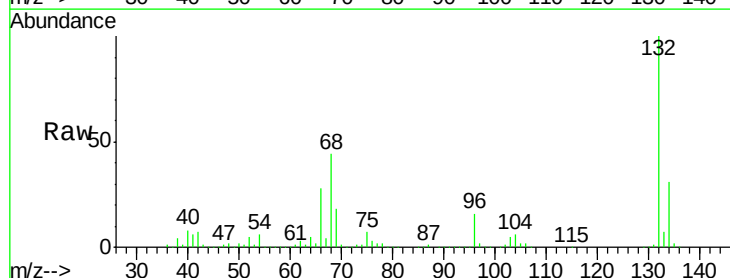
Tgt Ion: 77 Resp: 16376

Ion Ratio Lower Upper

77 100

105 81.1 80.1 120.1

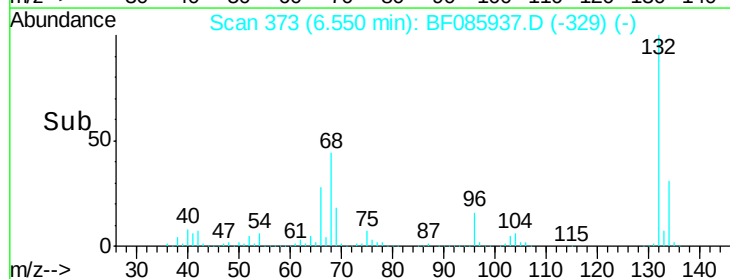
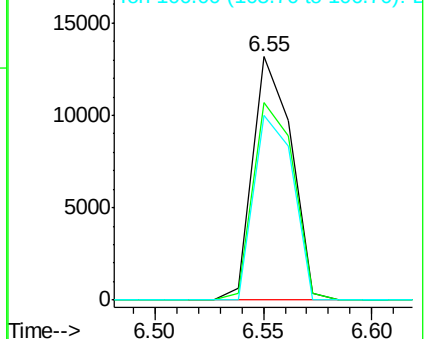
106 75.7 75.0 115.0

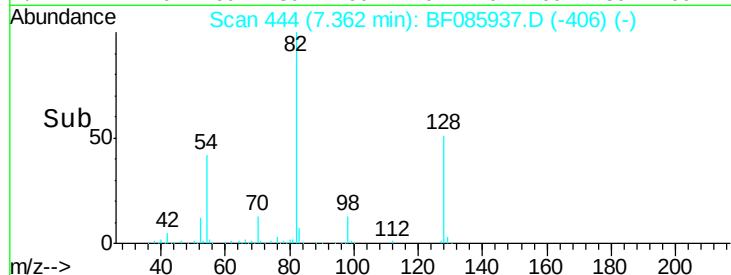
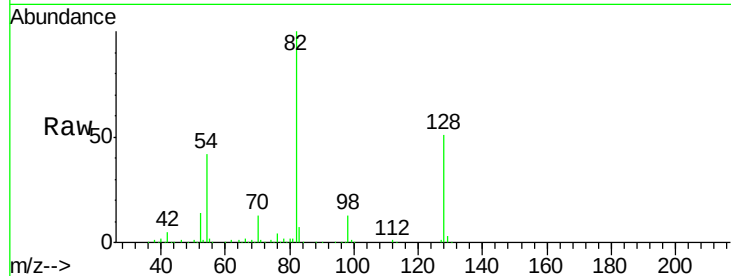
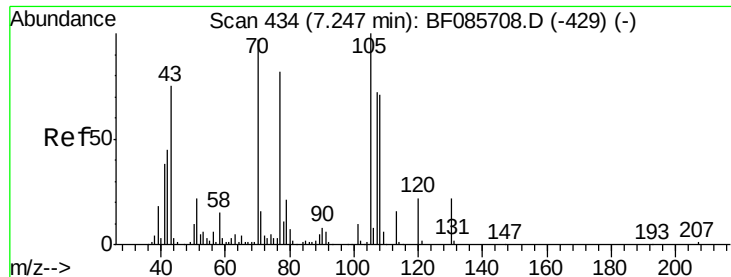


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

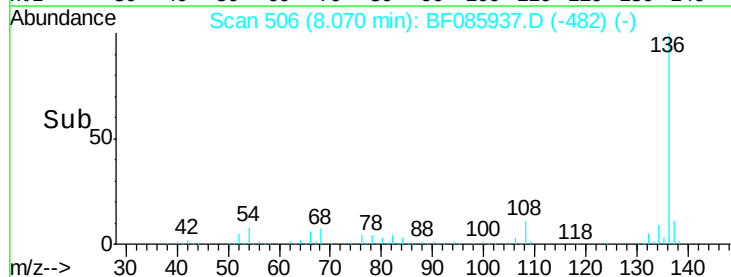
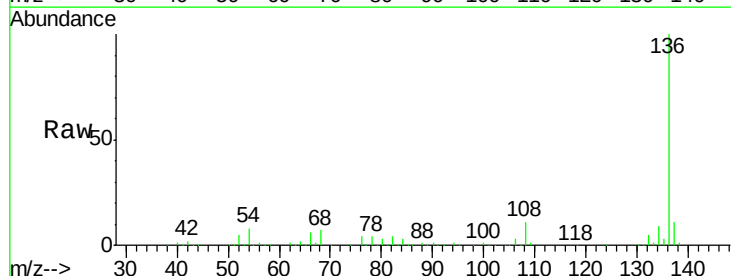
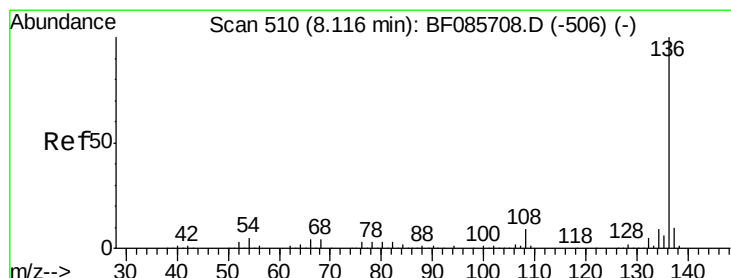
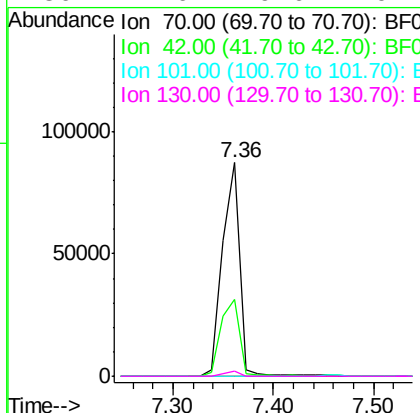




#19
n-Nitroso-di-n-propylamine
Concen: 19.33 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

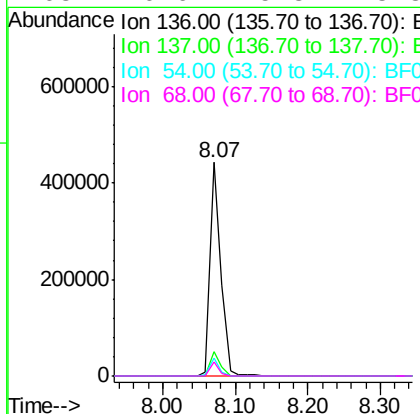
Instrument :
BNA_F
ClientSampleId :
MW-1

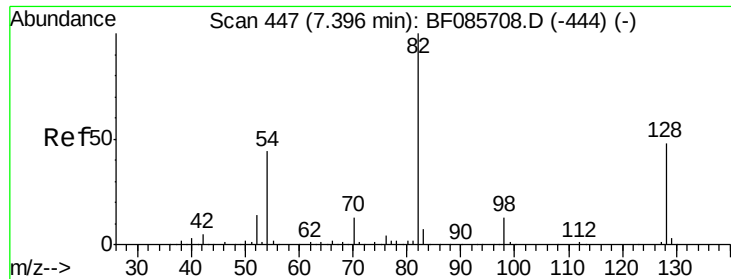
Tgt Ion: 70 Resp: 103912
Ion Ratio Lower Upper
70 100
42 35.9 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion: 136 Resp: 453802
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.4 7.4 11.0
68 6.6 5.8 8.8

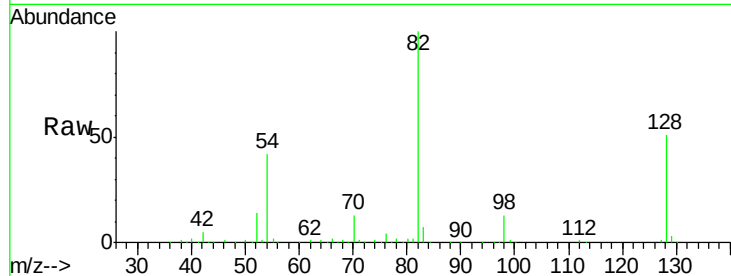




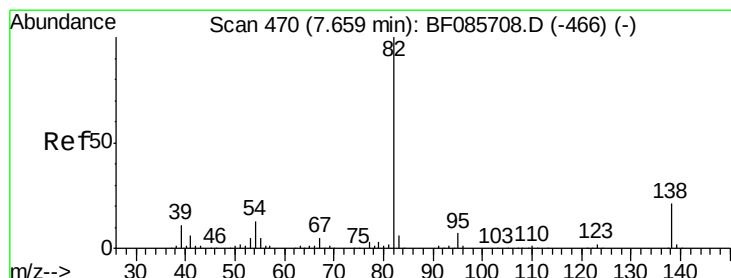
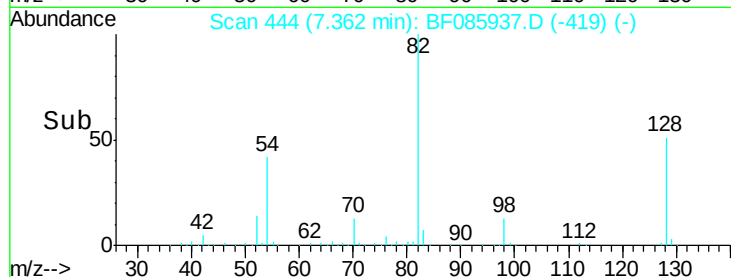
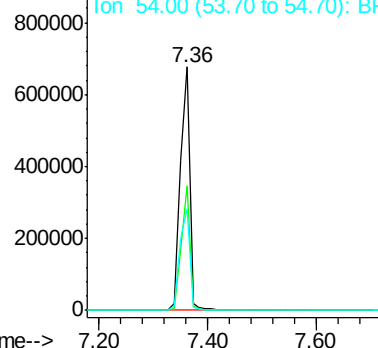
#23
 Nitrobenzene-d5
 Concen: 98.72 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion: 82 Resp: 795497
 Ion Ratio Lower Upper
 82 100
 128 51.1 41.8 62.8
 54 41.8 33.4 50.0

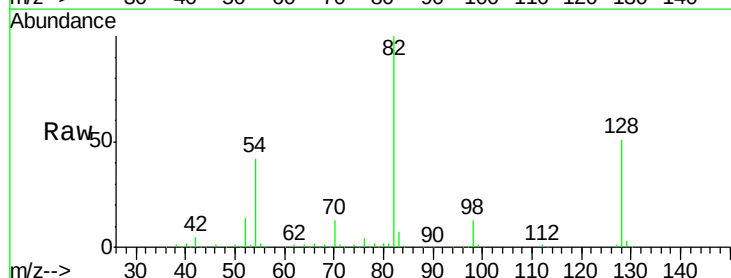


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

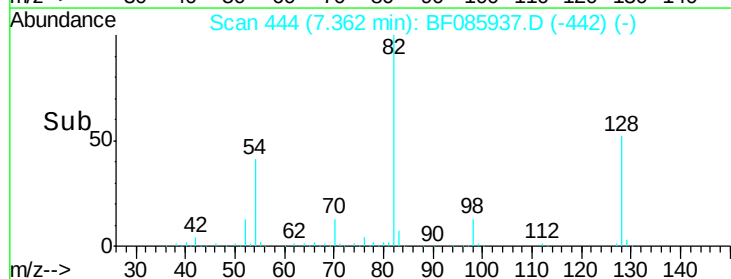
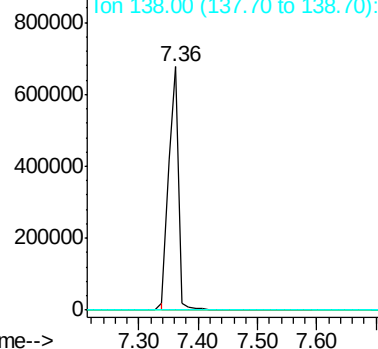


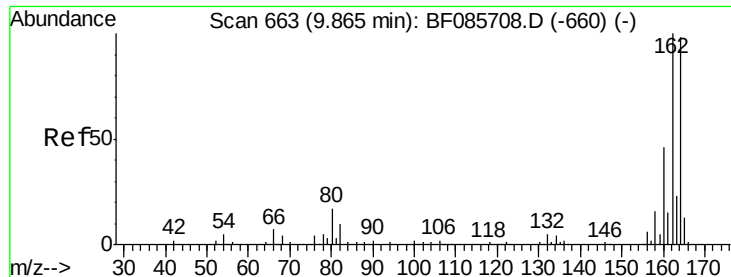
#25
 Isophorone
 Concen: 50.45 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Tgt Ion: 82 Resp: 783218
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

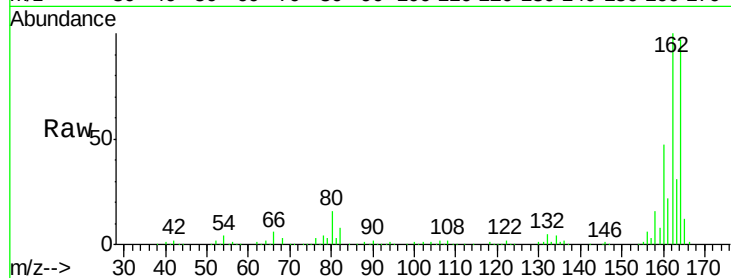
Tgt Ion:164 Resp: 205229

Ion Ratio Lower Upper

164 100

162 103.6 82.1 123.1

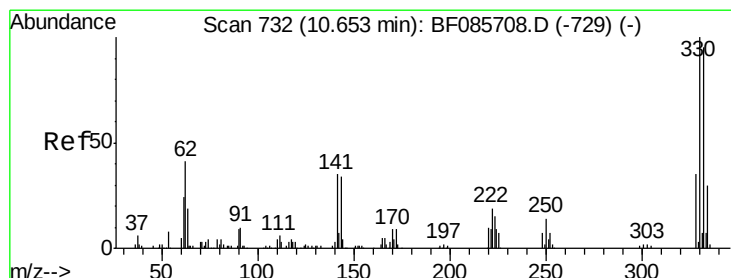
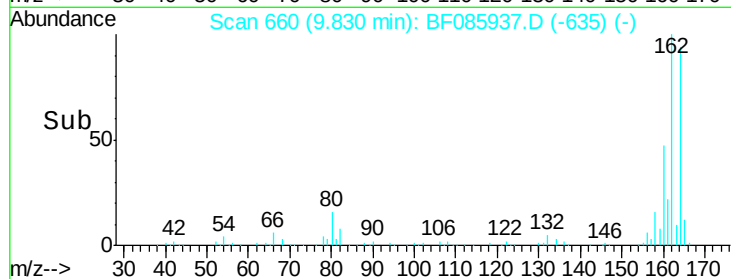
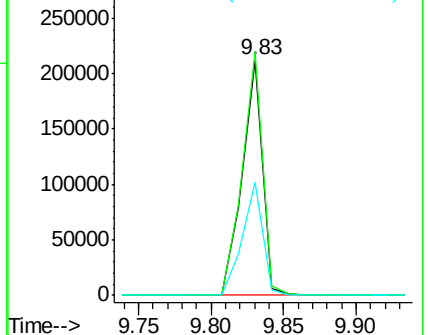
160 48.3 37.4 56.2



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: 132.18 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

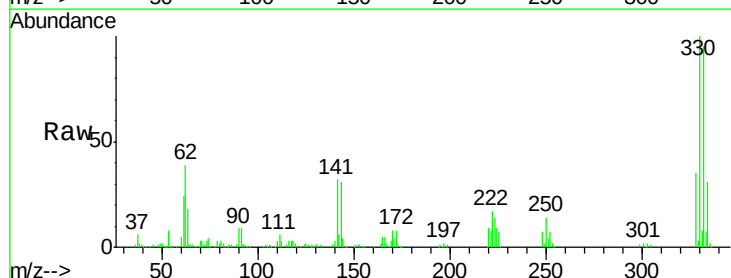
Tgt Ion:330 Resp: 257733

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.2

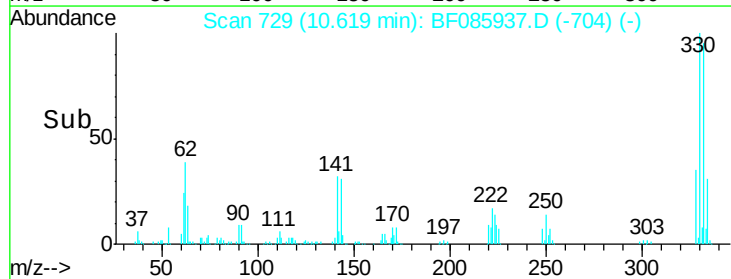
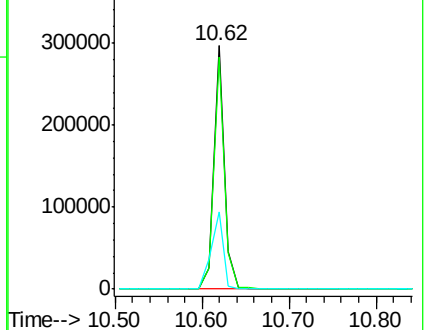
141 36.8 31.5 47.3

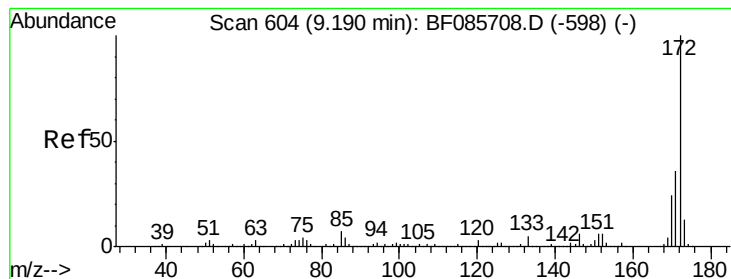


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 103.03 ng

RT: 9.16 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

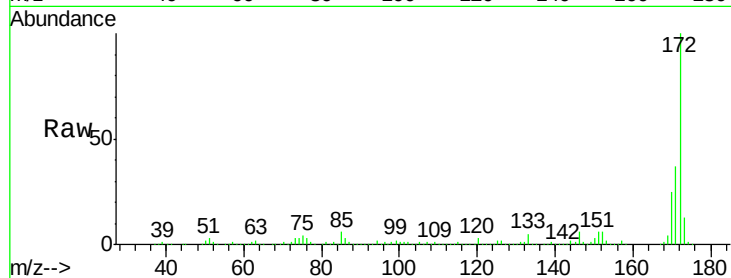
Tgt Ion:172 Resp: 1265545

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.2

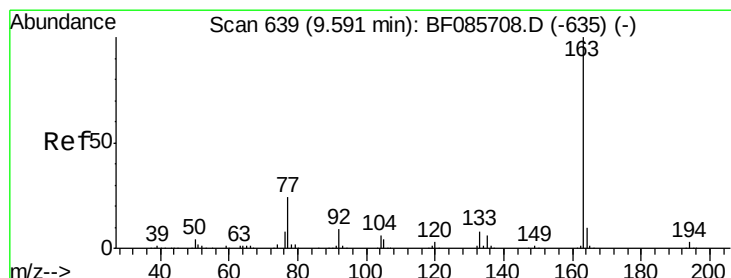
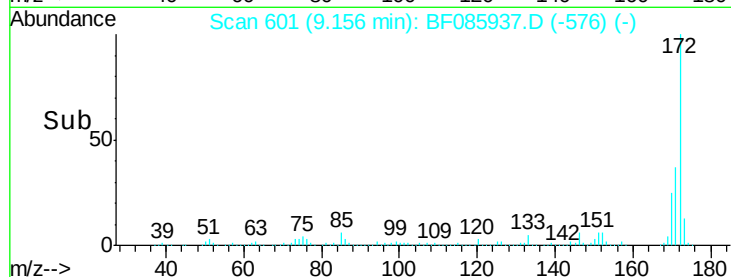
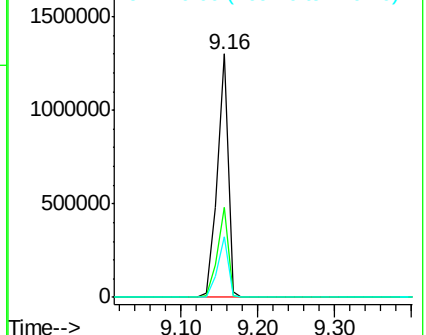
170 24.9 19.8 29.6



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: 3.23 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

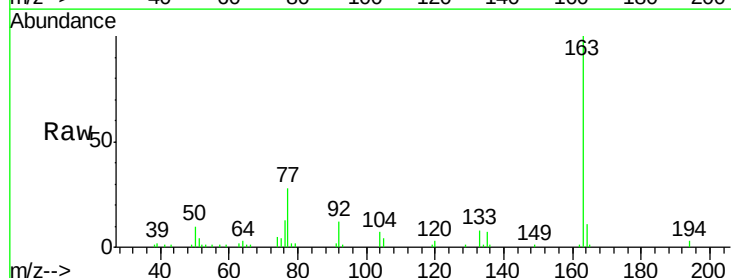
Tgt Ion:163 Resp: 50244

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

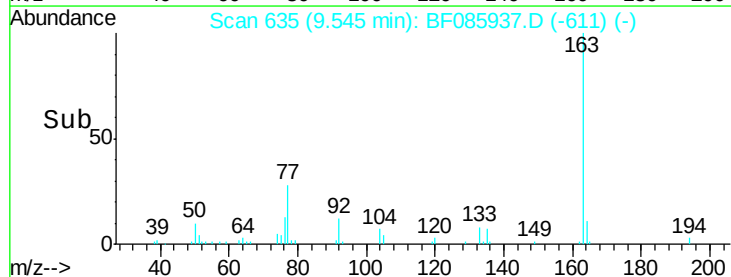
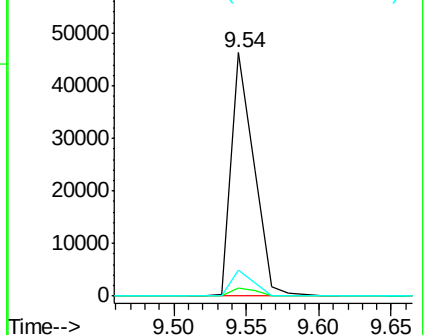
164 10.6 8.3 12.5

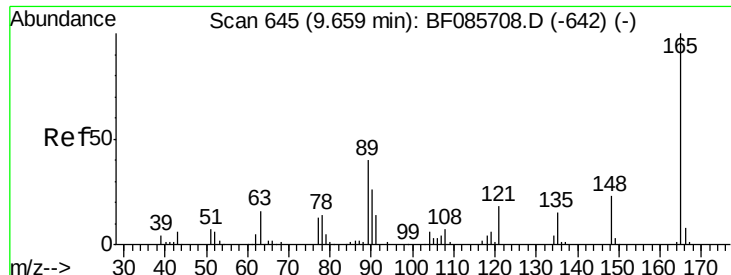


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

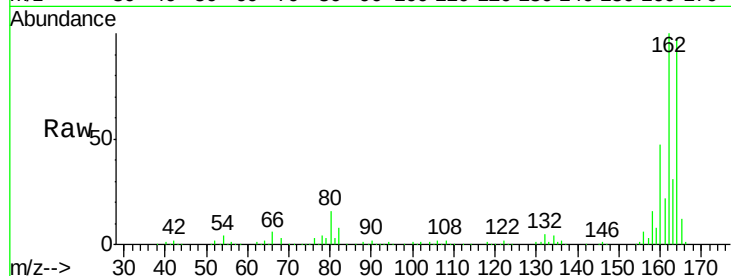




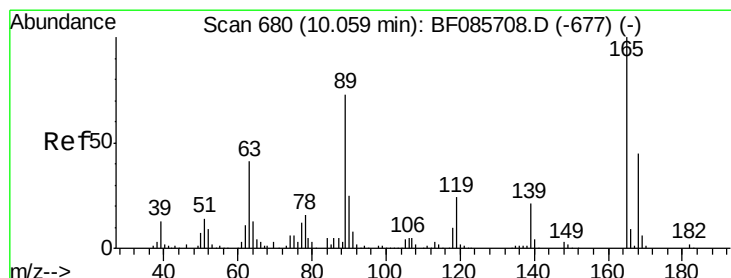
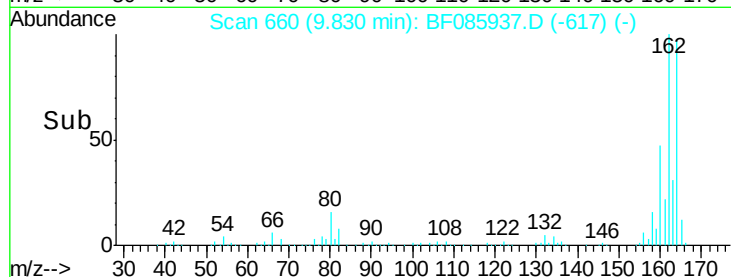
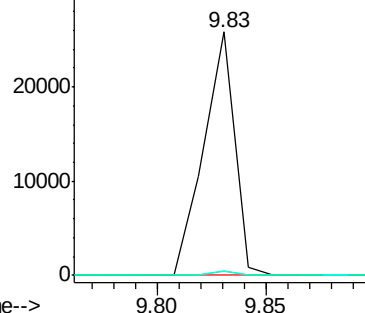
#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:165 Resp: 25481
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 1.6 53.7 80.5#



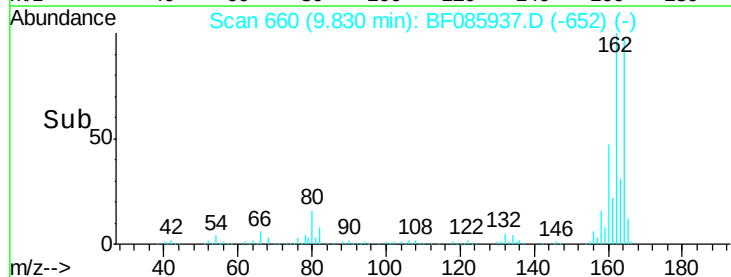
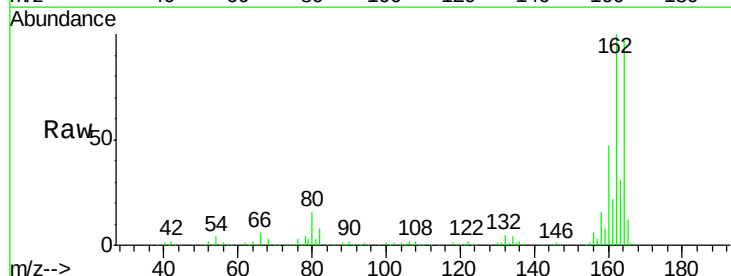
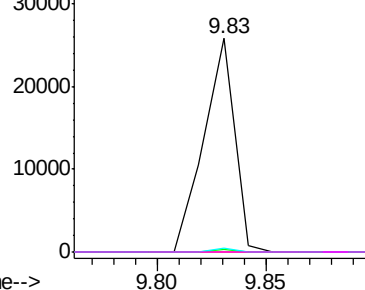
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

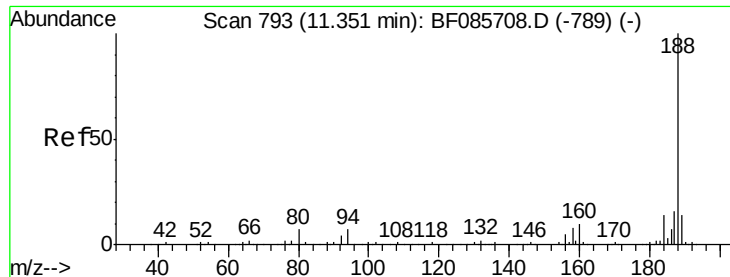


#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Tgt Ion:165 Resp: 25481
 Ion Ratio Lower Upper
 165 100
 63 1.5 24.9 37.3#
 89 1.6 41.0 61.6#
 182 0.0 2.1 3.1#

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

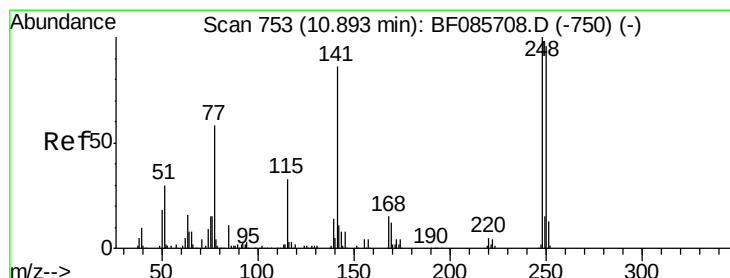
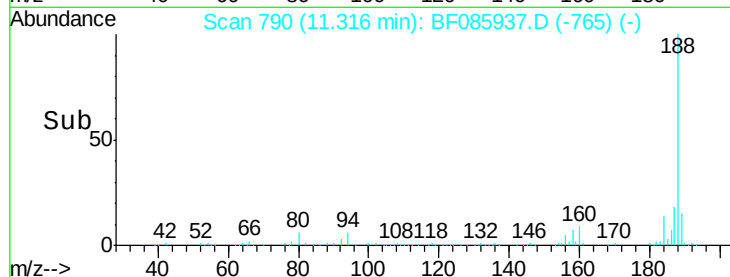
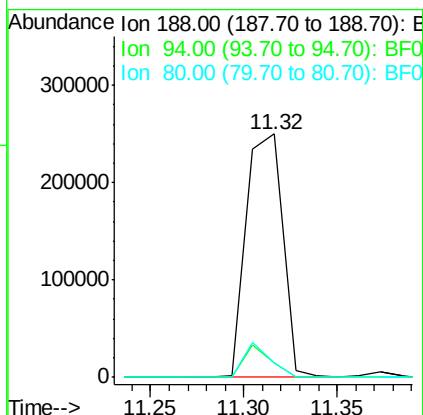
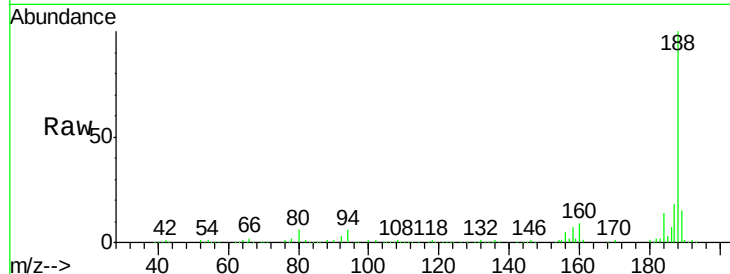




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

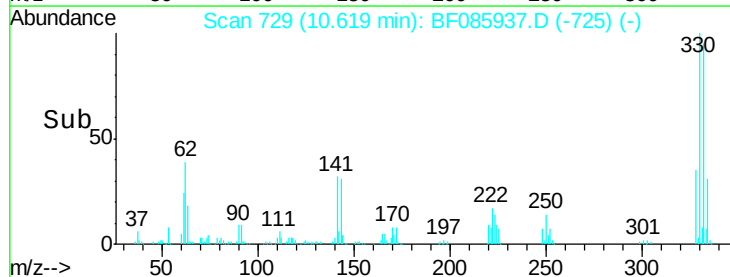
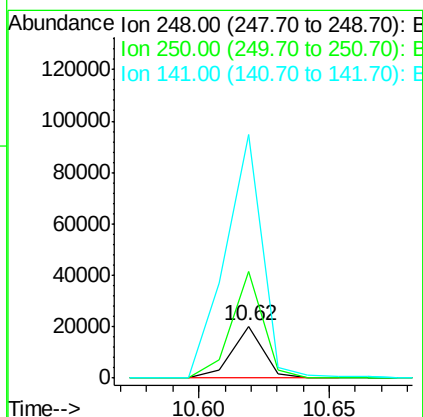
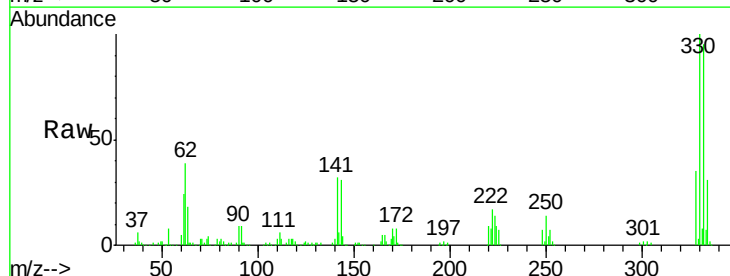
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

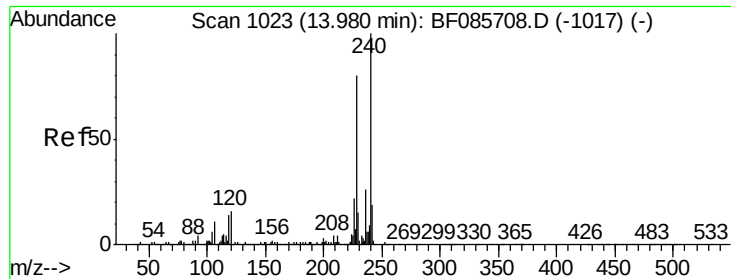
Tgt Ion:188 Resp: 339625
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.4 8.0
 80 5.8 5.5 8.3



#66
 4-Bromophenyl-phenylether
 Concen: 4.98 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085937.D
 Acq: 31 Mar 2016 19:50

Tgt Ion:248 Resp: 17287
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.4 116.0#
 141 466.3 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

Instrument :

BNA_F

ClientSampleId :

MW-1

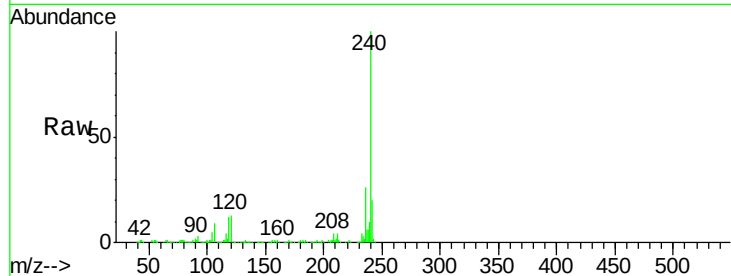
Tgt Ion:240 Resp: 211952

Ion Ratio Lower Upper

240 100

120 13.3 13.8 20.8#

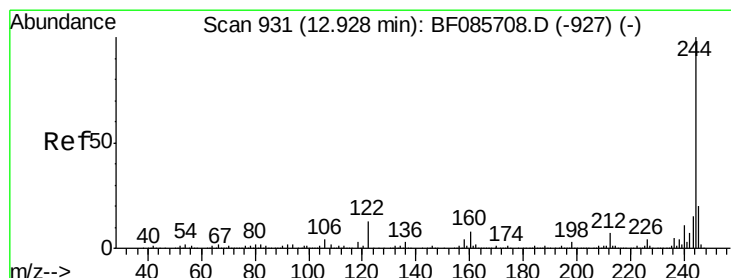
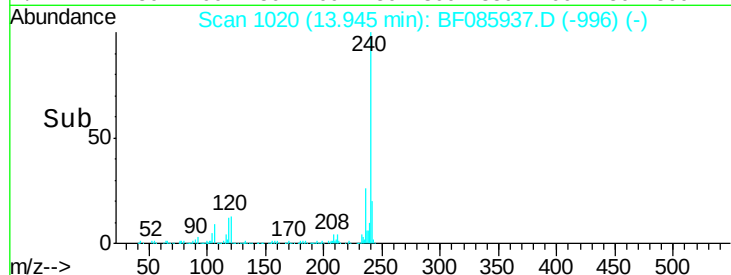
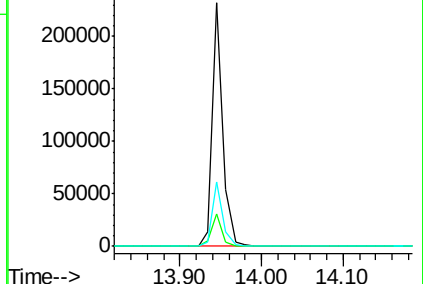
236 26.4 20.6 30.8



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: 85.44 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085937.D

Acq: 31 Mar 2016 19:50

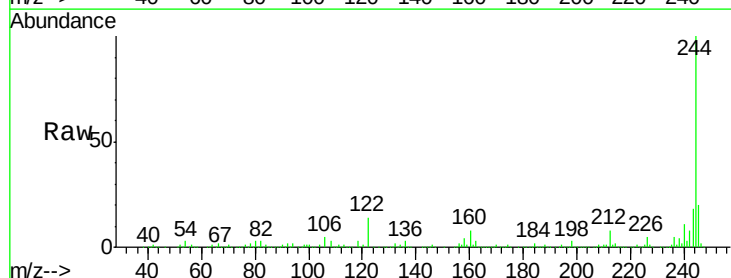
Tgt Ion:244 Resp: 880570

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

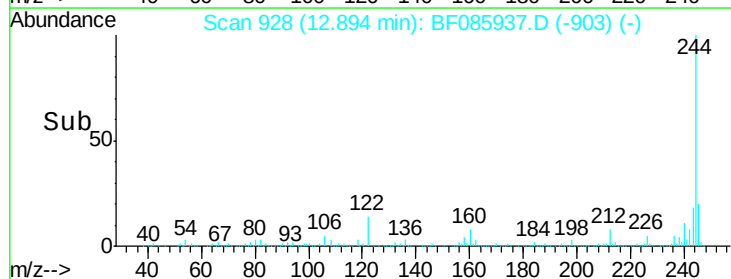
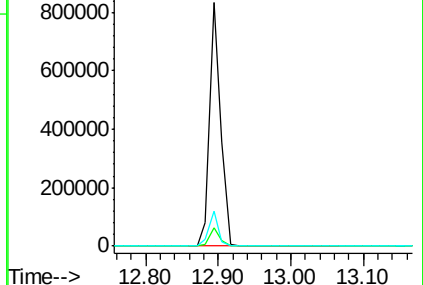
122 14.2 10.2 15.4

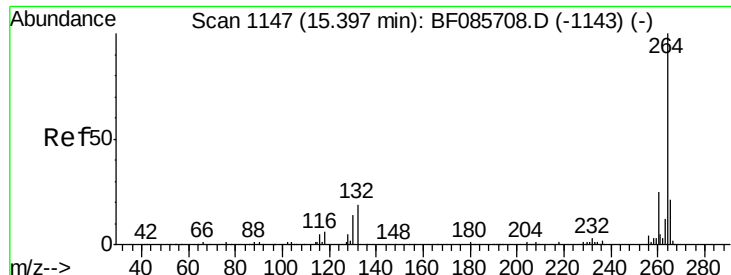


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

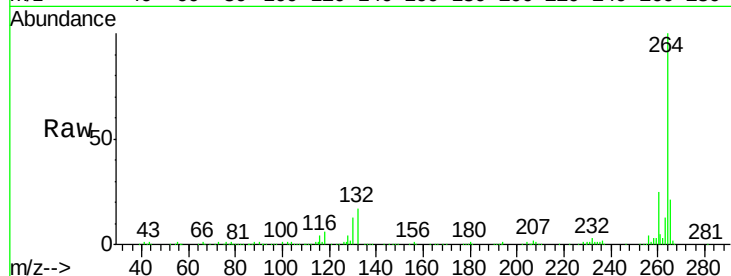




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.8	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

