

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
 Data File : BF085960.D
 Acq On : 1 Apr 2016 13:46
 Operator : UM/SJ
 Sample : H1978-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 15:15:58 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

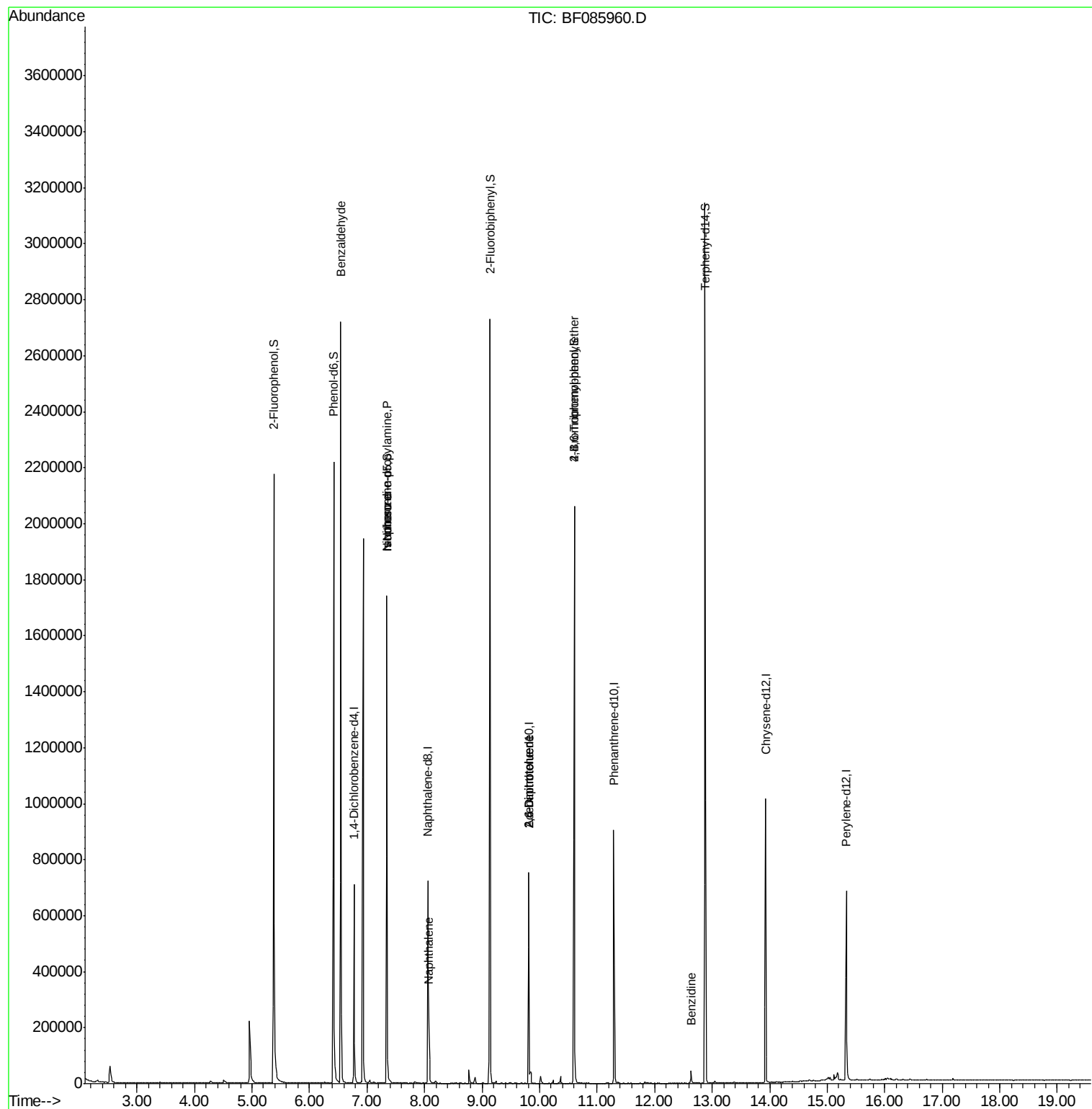
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106059	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	402279	20.00	ng	-0.04
38) Acenaphthene-d10	9.81	164	189187	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	374543	20.00	ng	-0.04
75) Chrysene-d12	13.93	240	350740	20.00	ng	-0.04
86) Perylene-d12	15.33	264	309754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	707680	111.13	ng	-0.02
7) Phenol-d6	6.42	99	871028	107.58	ng	-0.03
23) Nitrobenzene-d5	7.34	82	674192	94.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	282356	157.08	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1131814	99.95	ng	-0.03
78) Terphenyl-d14	12.88	244	1130915	66.31	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	16994	3.48	ng	85
19) n-Nitroso-di-n-propylamine	7.34	70	87017	17.95	ng	# 76
25) Isophorone	7.34	82	673394	48.93	ng	# 68
31) Naphthalene	8.08	128	99219	4.89	ng	98
50) 2,6-Dinitrotoluene	9.81	165	23710	7.67	ng	# 18
56) 2,4-Dinitrotoluene	9.81	165	23710	6.04	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	19353	5.05	ng	# 1
76) Benzidine	12.64	184	27141	2.20	ng	98

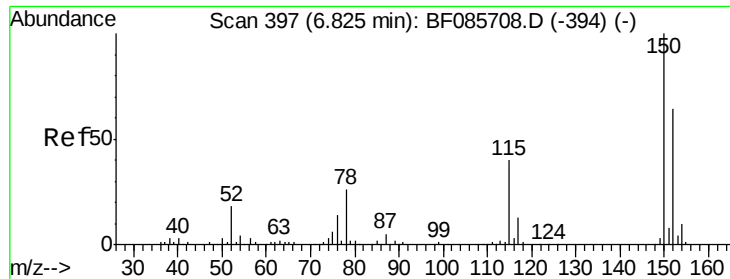
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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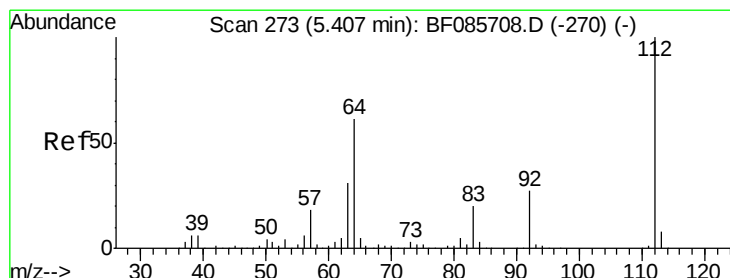
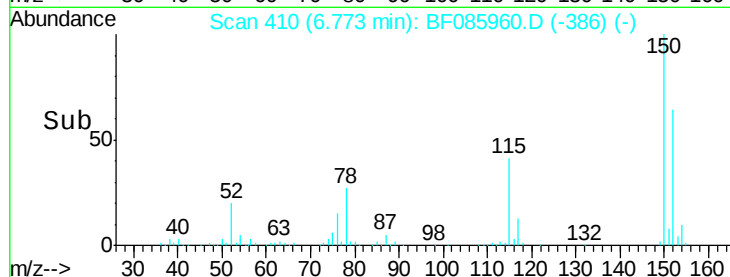
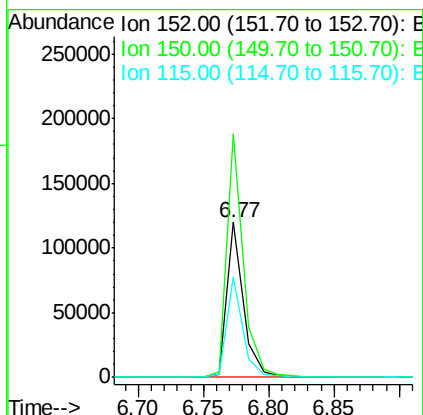
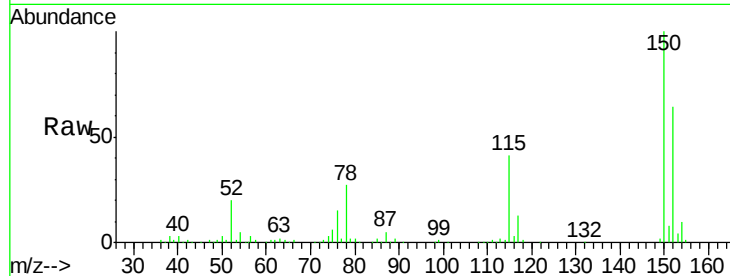


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Instrument :
BNA_F
ClientSampled :

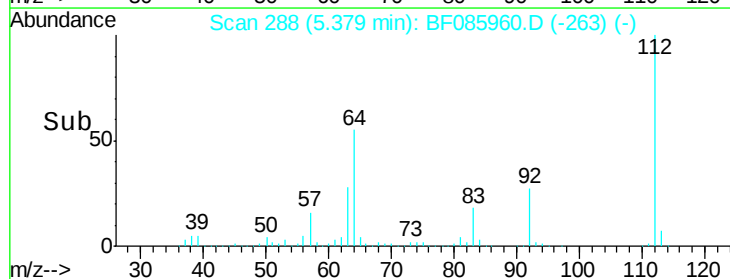
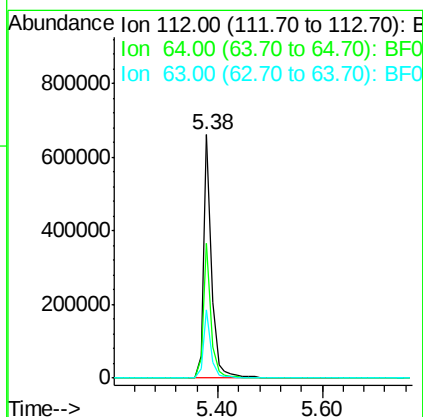
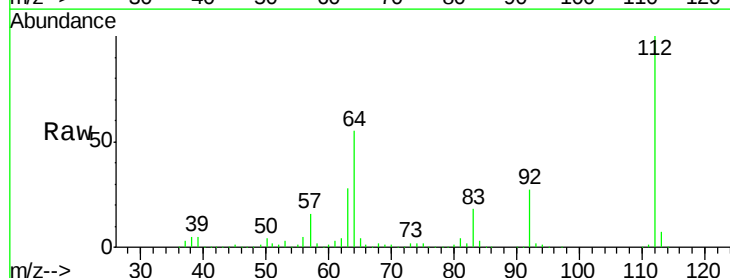
Tot Ion:152 Resp: 106059
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 64.5 47.0 70.6

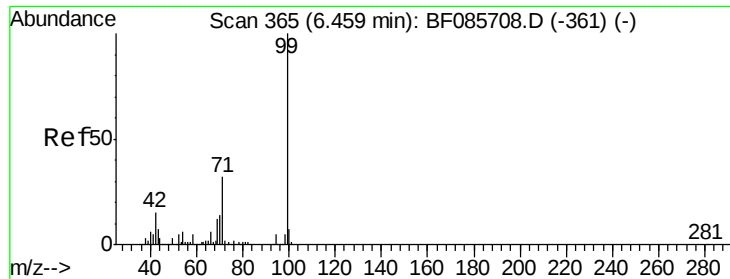


#5

2-Fluorophenol
Concen: 111.13 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.02 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Tgt Ion:112 Resp: 707680
Ion Ratio Lower Upper
112 100
64 55.3 39.9 59.9
63 27.8 20.2 30.2





#7

Phenol-d6

Concen: 107.58 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampled :

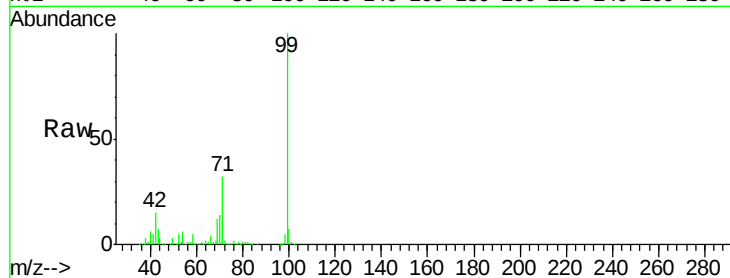
Tot Ion: 99 Resp: 871028

Ion Ratio Lower Upper

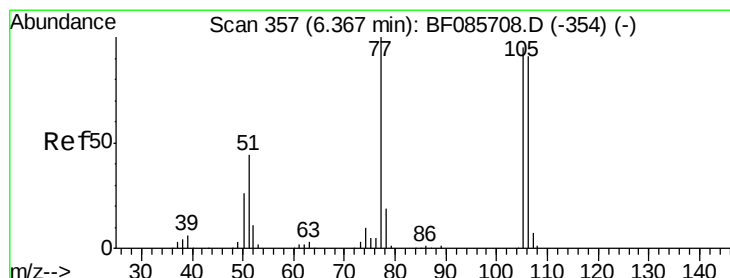
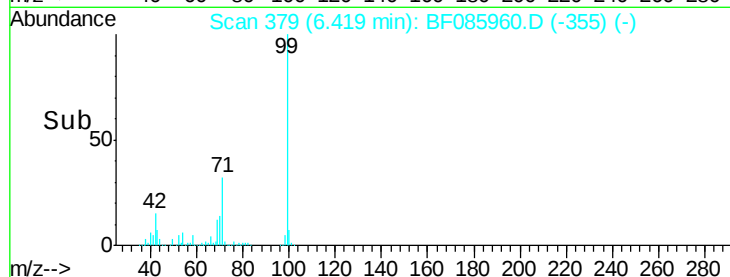
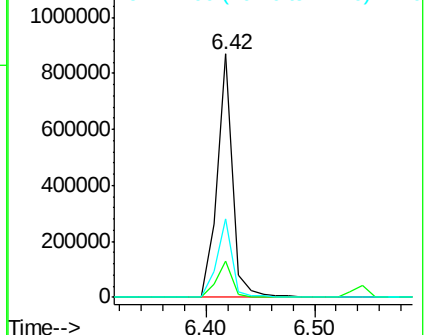
99 100

42 14.7 11.1 16.7

71 32.4 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: 3.48 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.20 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

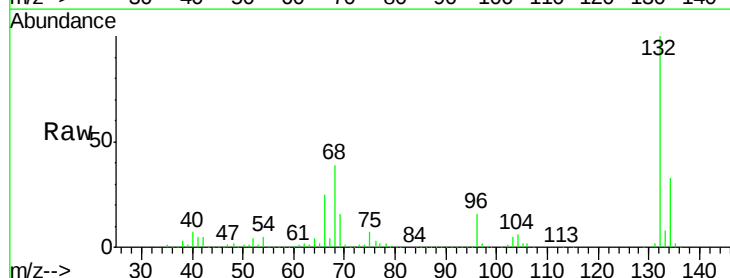
Tgt Ion: 77 Resp: 16994

Ion Ratio Lower Upper

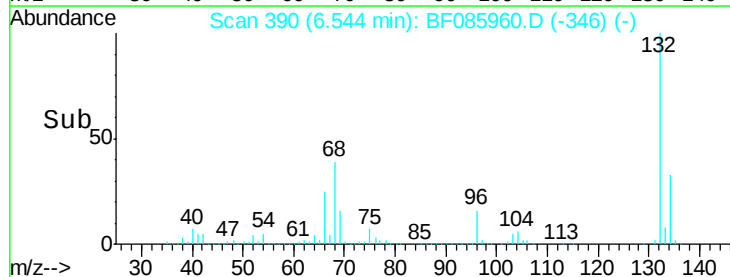
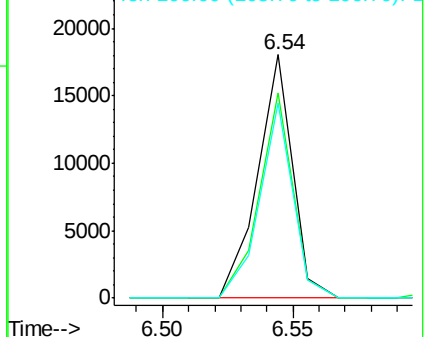
77 100

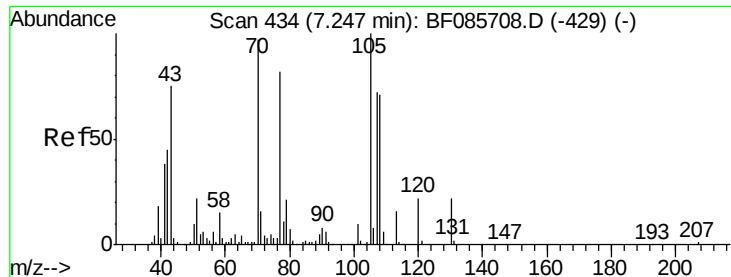
105 84.5 80.1 120.1

106 80.3 75.0 115.0



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

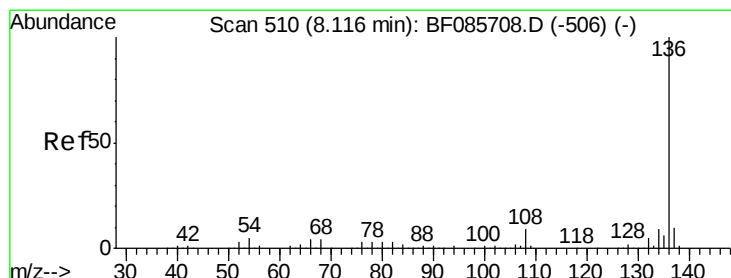
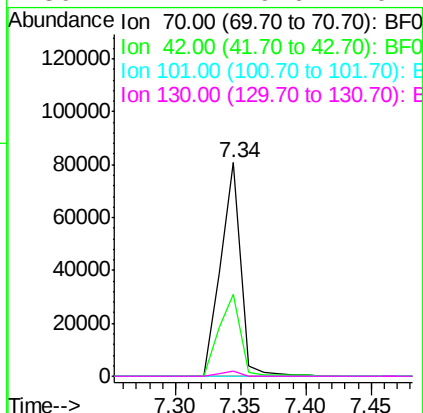
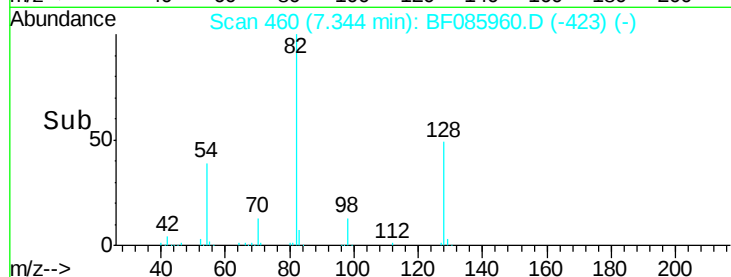
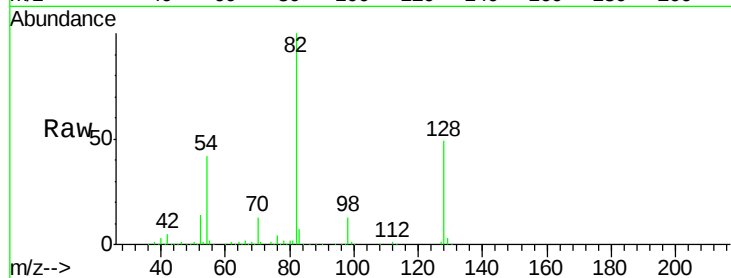




#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.12 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

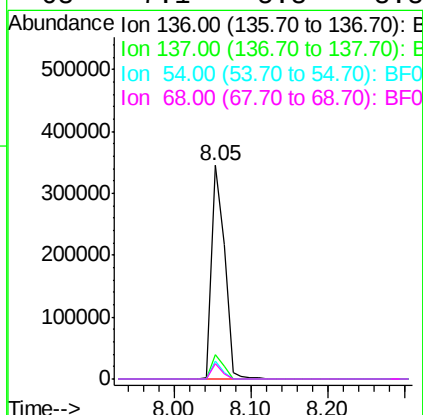
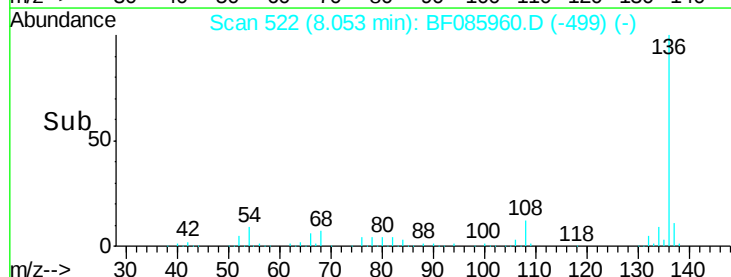
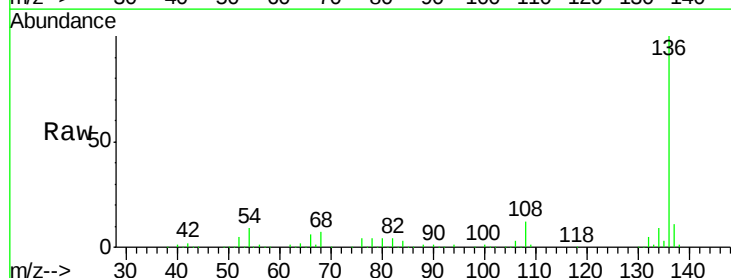
Instrument :
BNA_F
ClientSampleId :

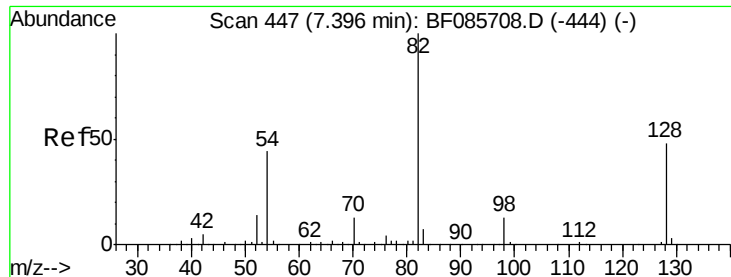
Tot Ion: 70 Resp: 87017
Ion Ratio Lower Upper
70 100
42 38.1 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.04 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Tgt Ion: 136 Resp: 402279
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.5 7.4 11.0
68 7.1 5.8 8.8

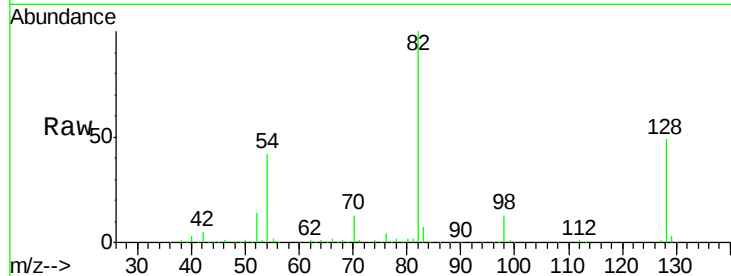




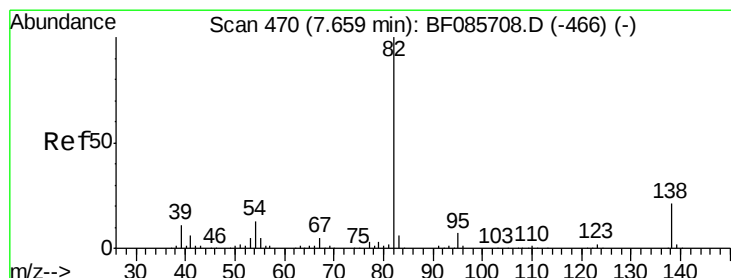
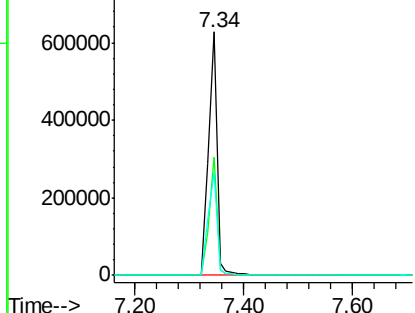
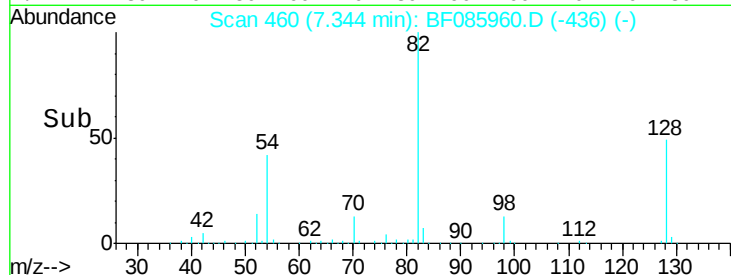
#23
Nitrobenzene-d5
Concen: 94.38 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 674192
Ion Ratio Lower Upper
82 100
128 48.7 41.8 62.8
54 42.1 33.4 50.0

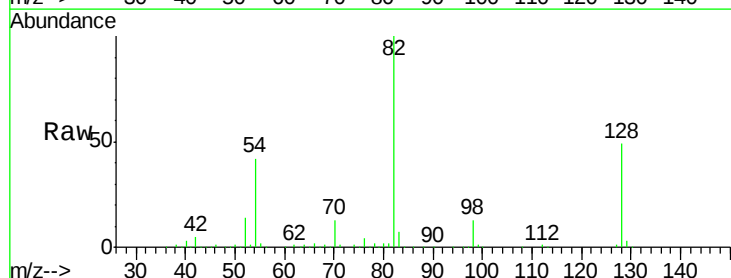


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

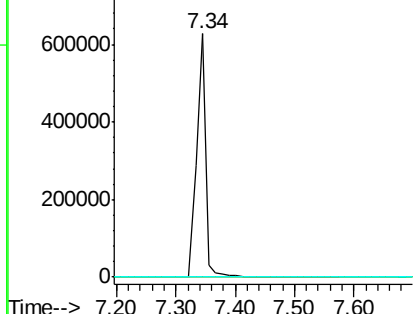
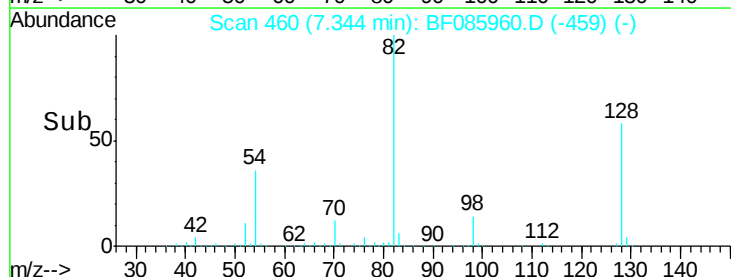


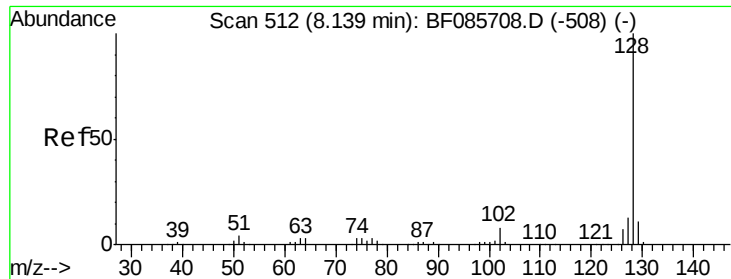
#25
Isophorone
Concen: 48.93 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.29 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Tgt Ion: 82 Resp: 673394
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

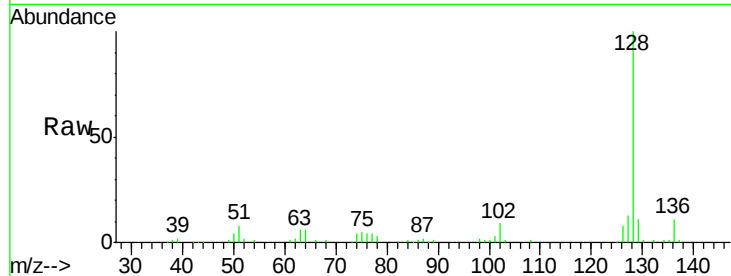




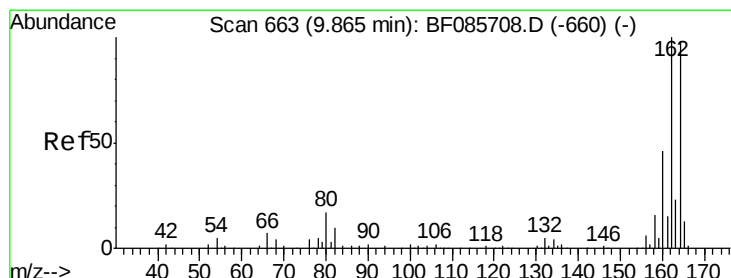
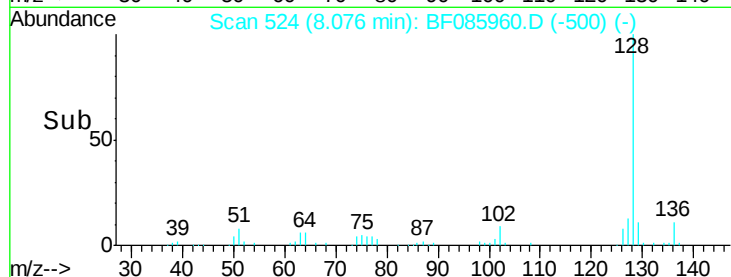
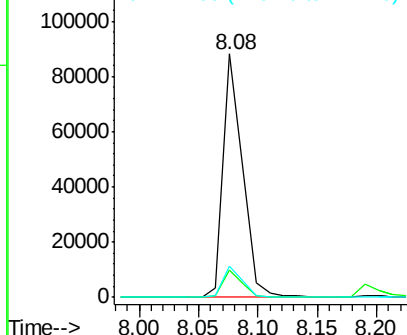
#31
Naphthalene
Concen: 4.89 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 99219
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 11.0 16.6

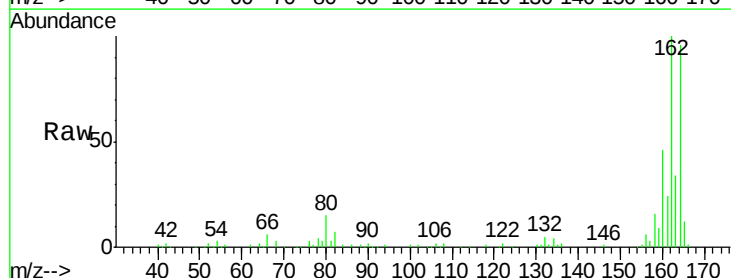


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

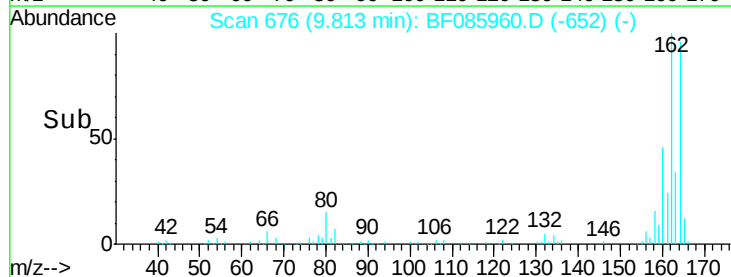
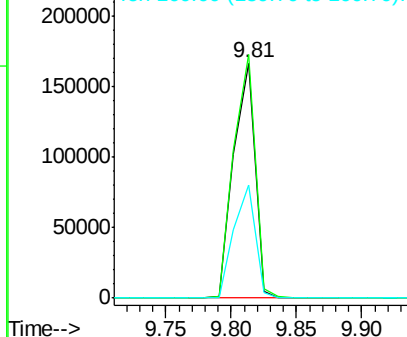


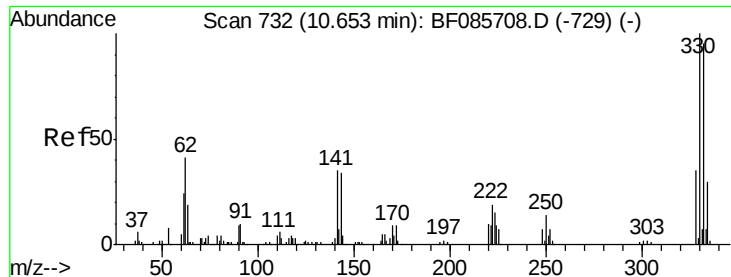
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF085960.D
Acq: 1 Apr 2016 13:46

Tgt Ion:164 Resp: 189187
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 47.9 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

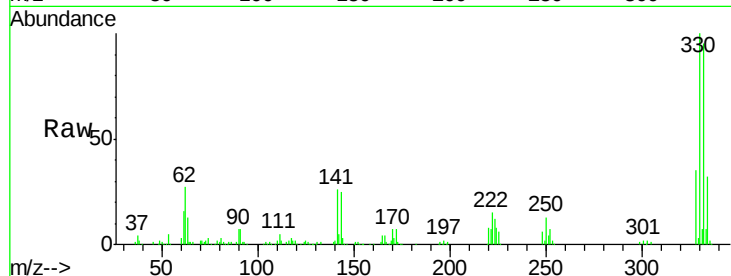




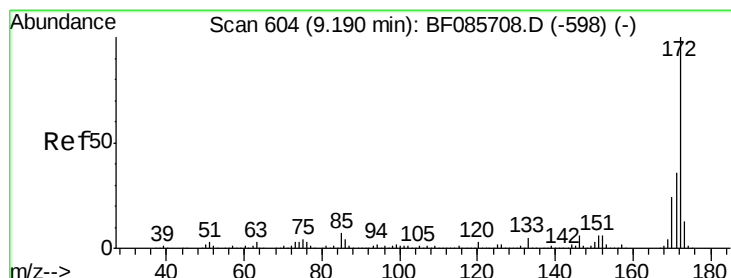
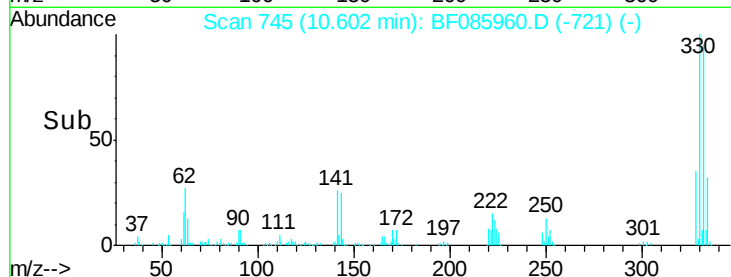
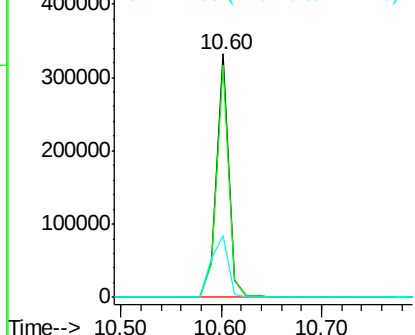
#41
 2,4,6-Tribromophenol
 Concen: 157.08 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 282356
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 35.3 31.5 47.3

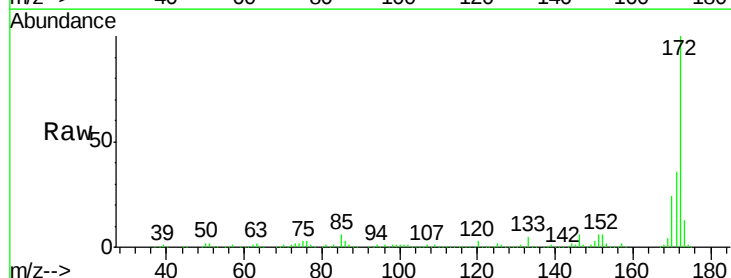


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

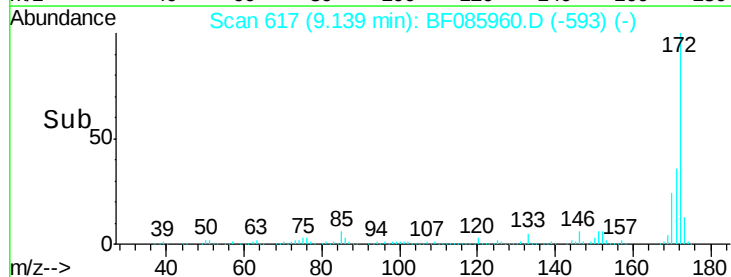
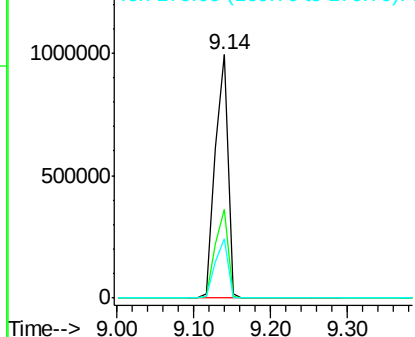


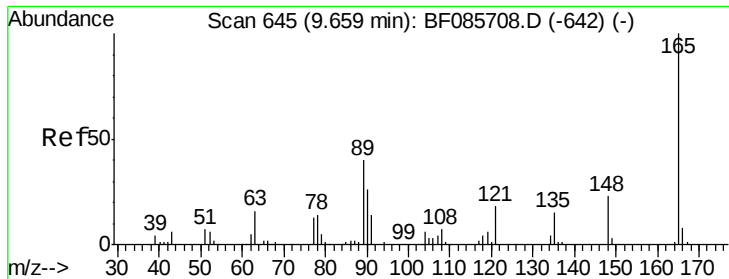
#44
 2-Fluorobiphenyl
 Concen: 99.95 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:172 Resp: 1131814
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.3 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





#50

2,6-Dinitrotoluene

Concen: 7.67 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.18 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampleId :

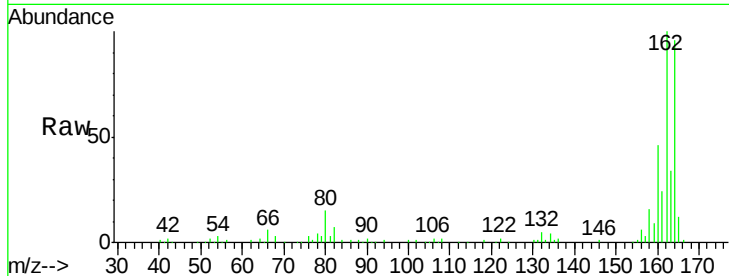
Tot Ion:165 Resp: 23710

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

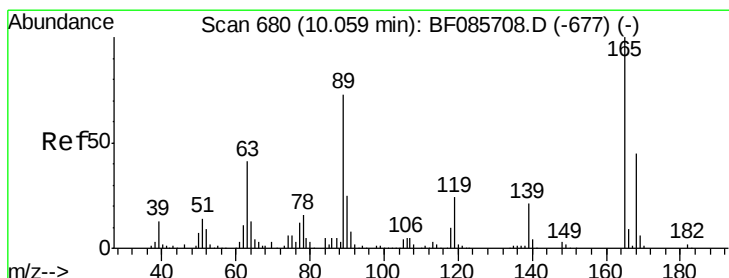
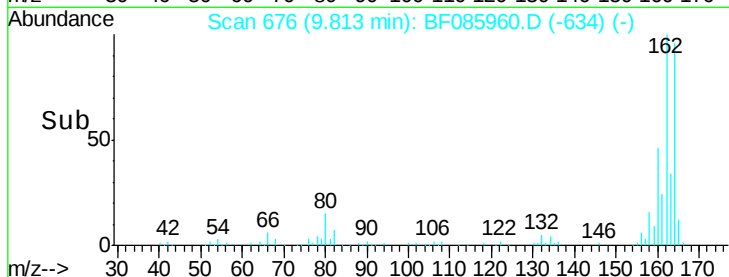
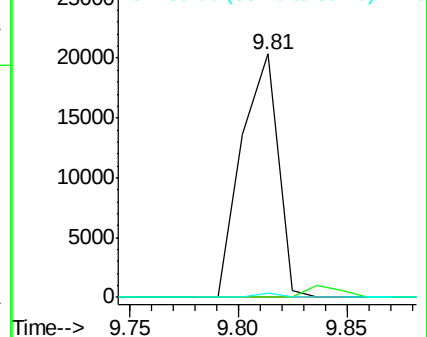
89 1.7 53.7 80.5#



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: 6.04 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.22 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Tgt Ion:165 Resp: 23710

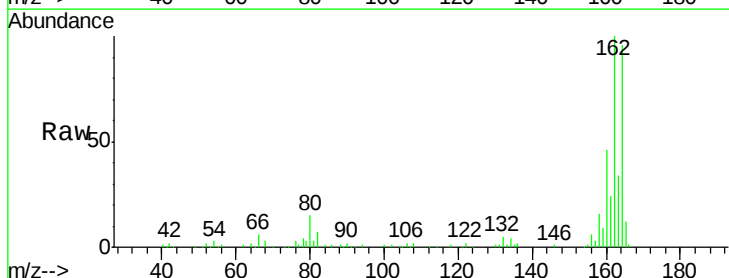
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

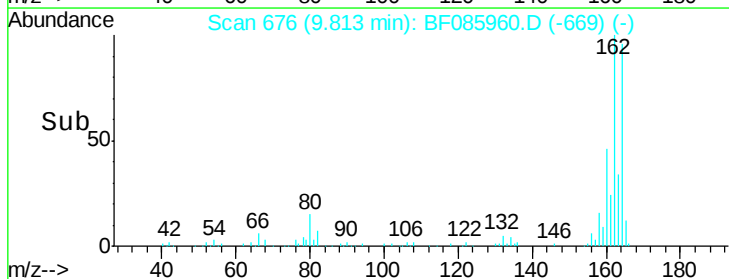
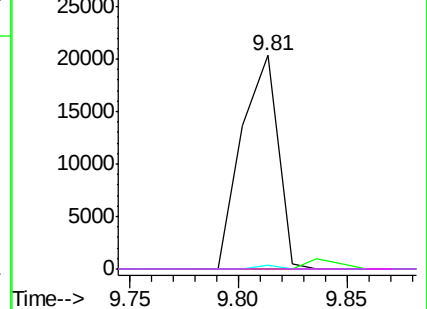


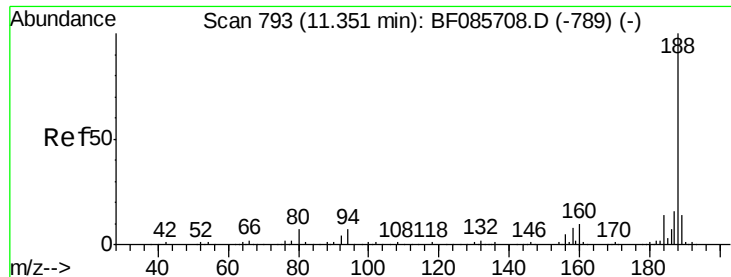
Abundance Ion 165.00 (164.70 to 165.70): E

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

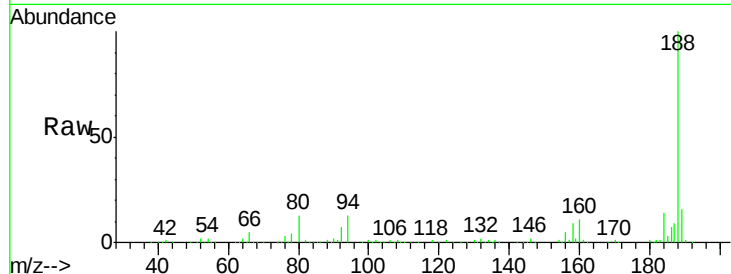




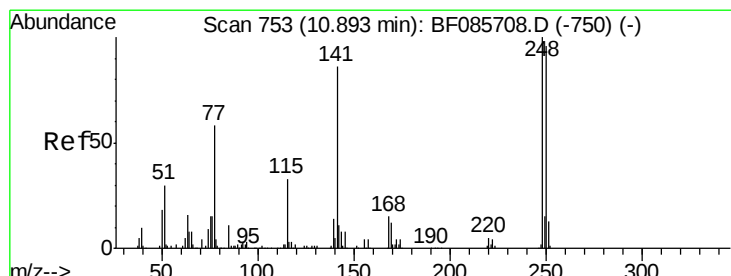
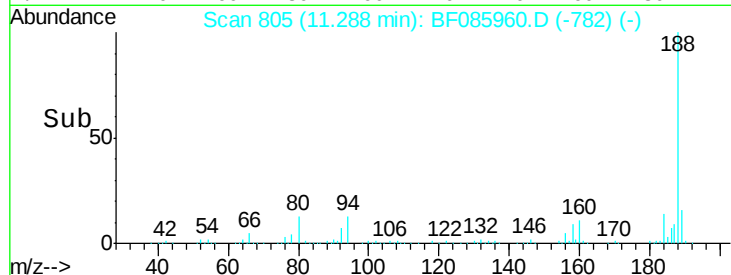
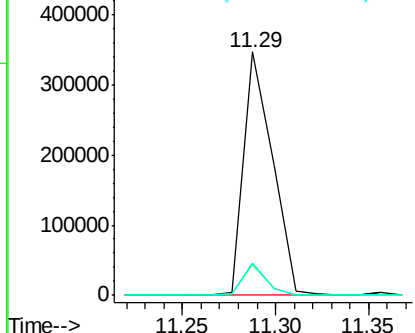
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 374543
 Ion Ratio Lower Upper
 188 100
 94 12.8 5.4 8.0#
 80 13.4 5.5 8.3#

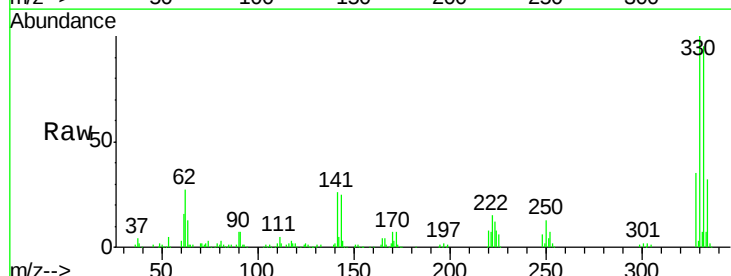


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

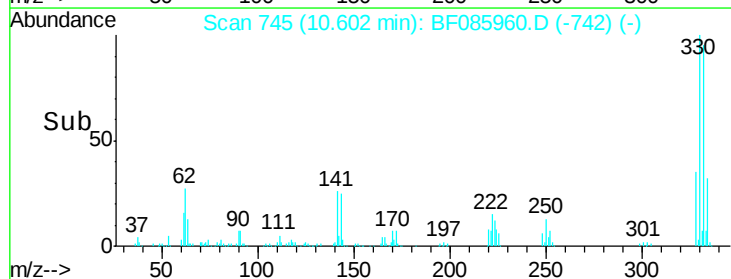
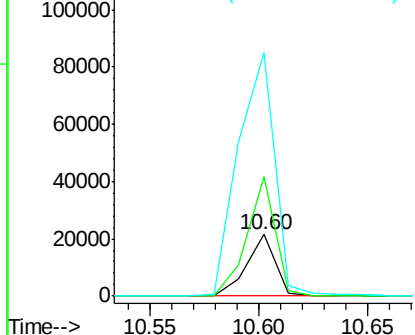


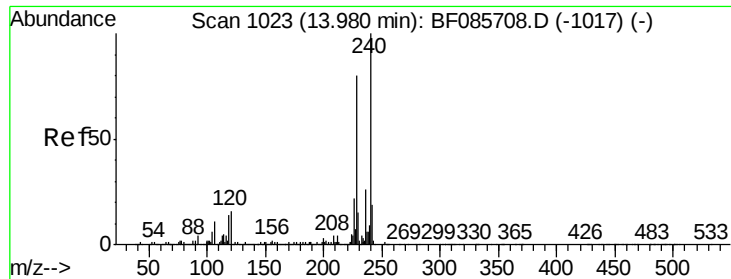
#66
 4-Bromophenyl-phenylether
 Concen: 5.05 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.27 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:248 Resp: 19353
 Ion Ratio Lower Upper
 248 100
 250 193.1 77.4 116.0#
 141 394.6 63.6 95.4#



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. -0.04 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampleId :

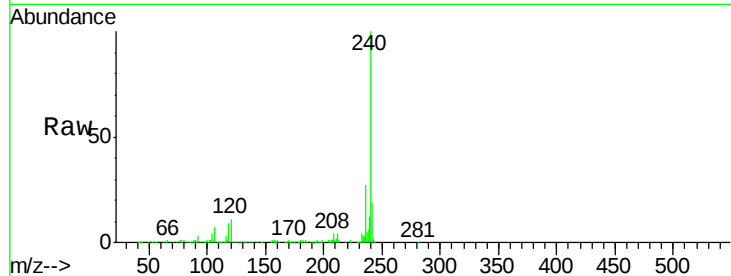
Tot Ion:240 Resp: 350740

Ion Ratio Lower Upper

240 100

120 10.9 13.8 20.8#

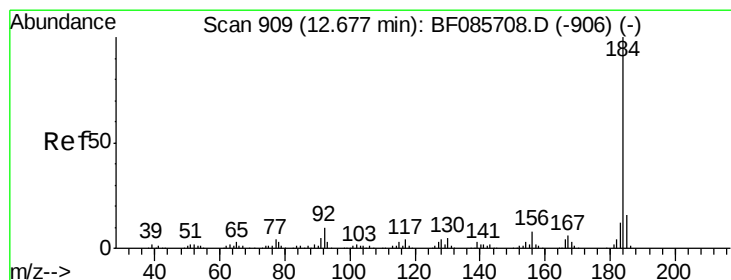
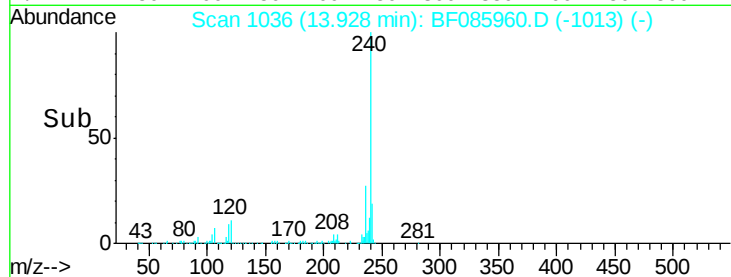
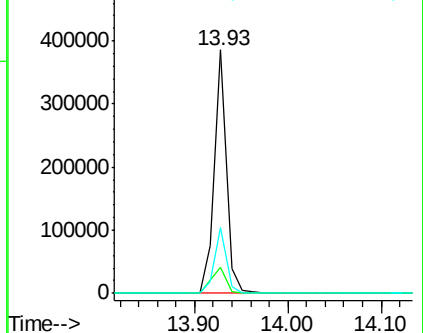
236 26.9 20.6 30.8



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



#76

Benzidine

Concen: 2.20 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

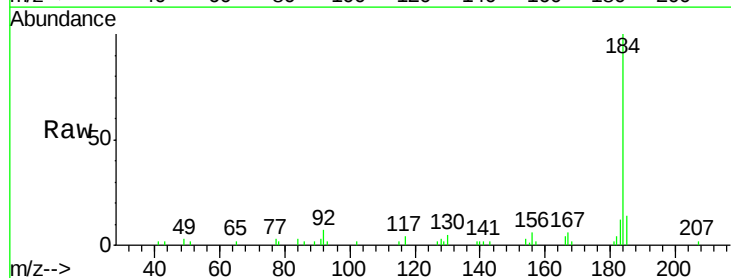
Tgt Ion:184 Resp: 27141

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

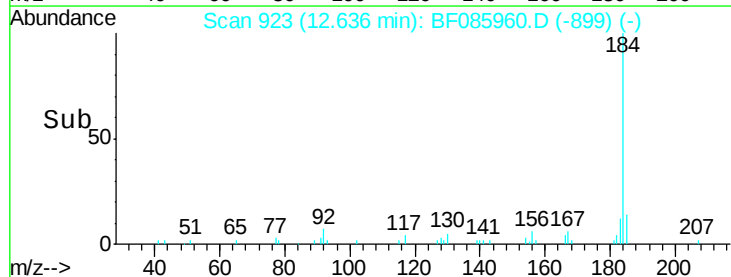
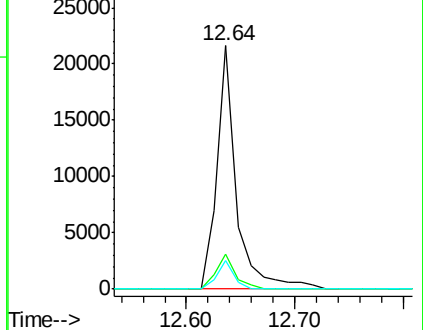
183 11.8 9.4 14.2

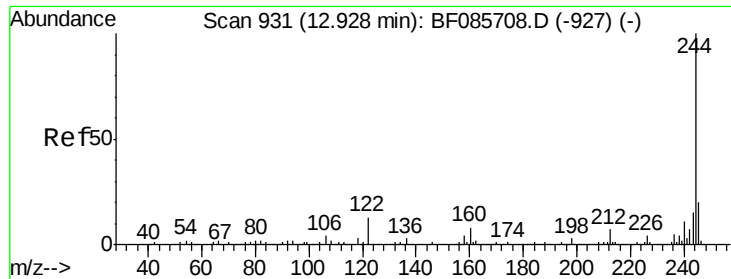


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

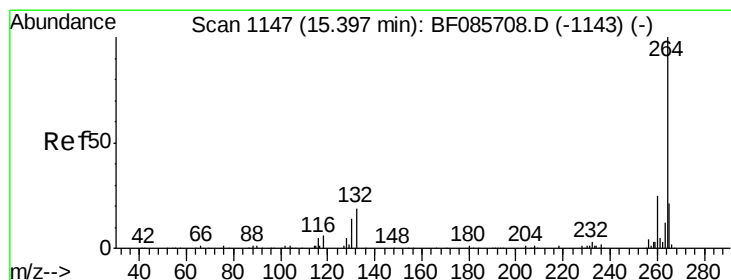
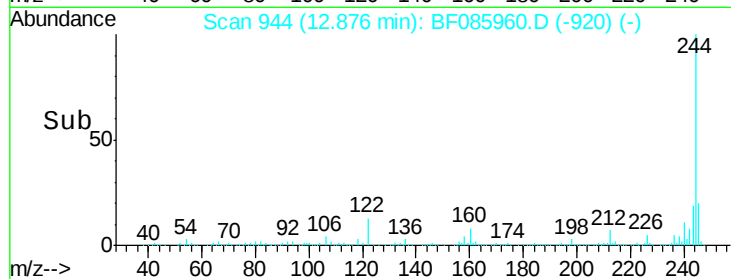
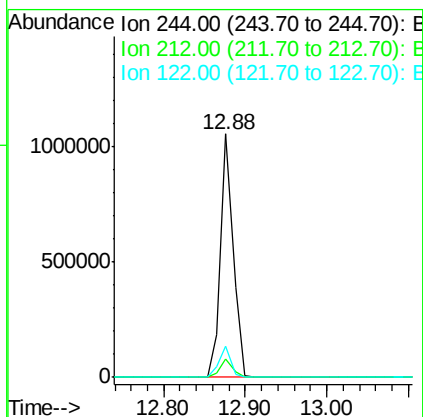
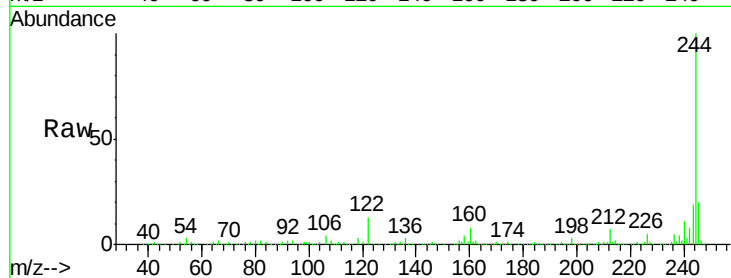




#78
 Terphenyl-d14
 Concen: 66.31 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1130915
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.6 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.04 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:264 Resp: 309754
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.4 17.2 25.8

