

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086021.D
 Acq On : 2 Apr 2016 19:43
 Operator : UM/SJ
 Sample : H2079-03
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Quant Time: Apr 04 01:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

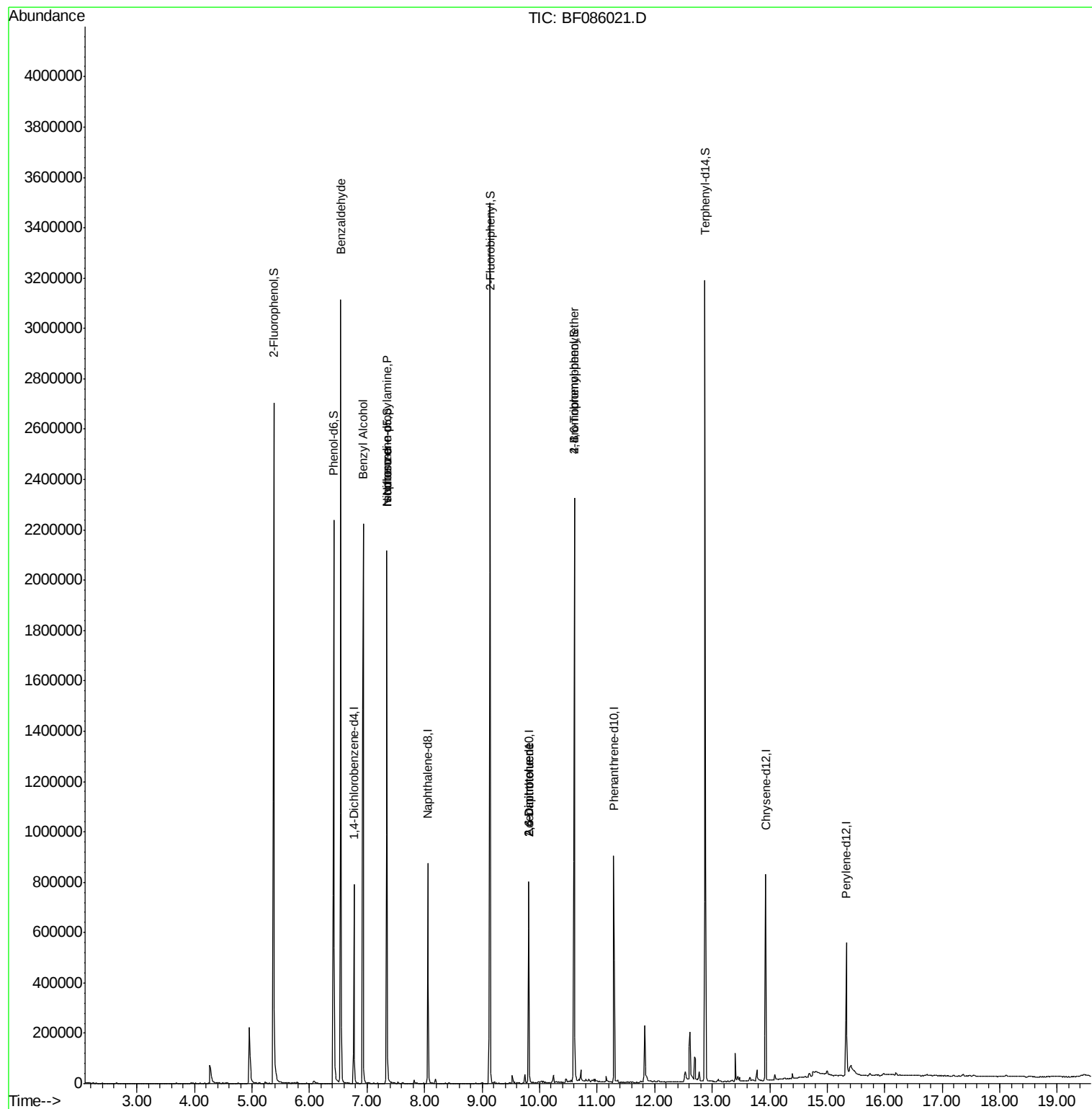
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	119936	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	463512	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	213815	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	387843	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	271190	20.00	ng	0.00
86) Perylene-d12	15.33	264	229490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	905359	129.03	ng	0.01
7) Phenol-d6	6.42	99	977291	109.65	ng	0.00
23) Nitrobenzene-d5	7.34	82	810360	103.10	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	309450	154.20	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1343312	104.46	ng	0.00
78) Terphenyl-d14	12.88	244	1107936	96.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	20141	4.20	ng	Qvalue 88
15) Benzyl Alcohol	6.93	79	11761	2.04	ng	# 38
19) n-Nitroso-di-n-propylamine	7.34	70	107628	19.48	ng	# 77
25) Isophorone	7.34	82	807259	52.03	ng	# 68
50) 2,6-Dinitrotoluene	9.81	165	26446	7.89	ng	# 19
56) 2,4-Dinitrotoluene	9.81	165	26446	6.24	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	21258	5.37	ng	# 1

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

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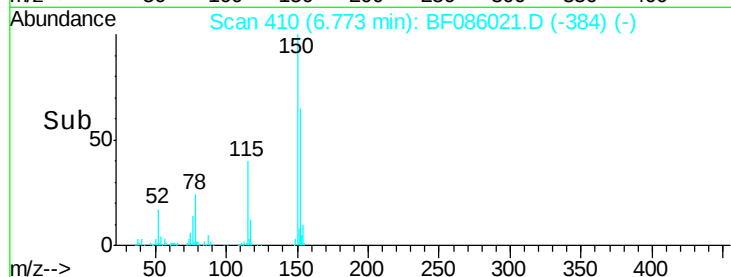
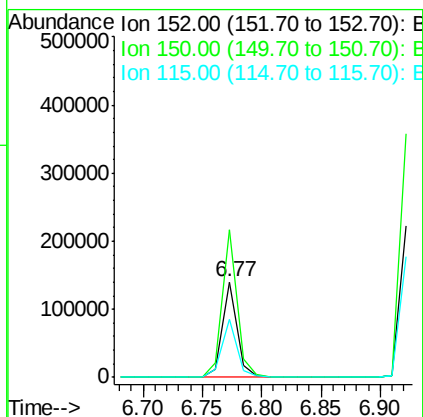
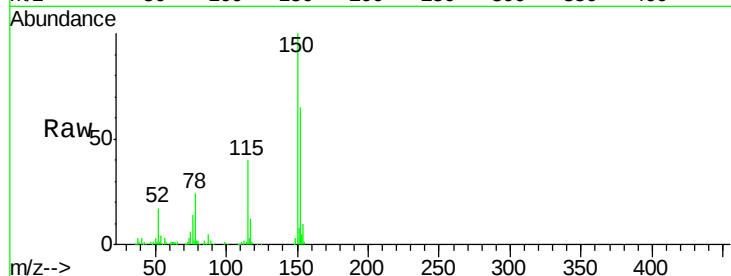


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
DB-NE-14

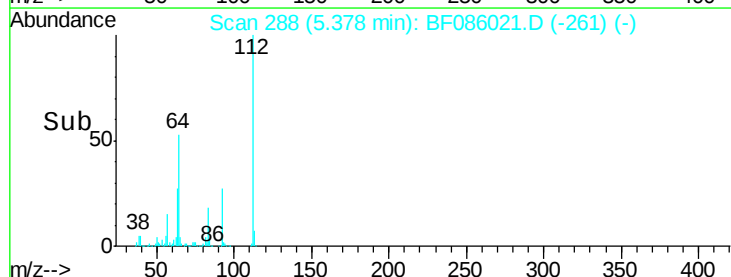
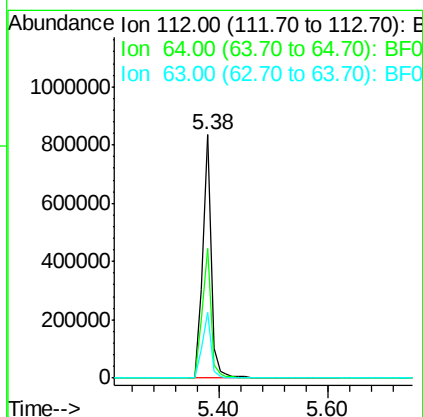
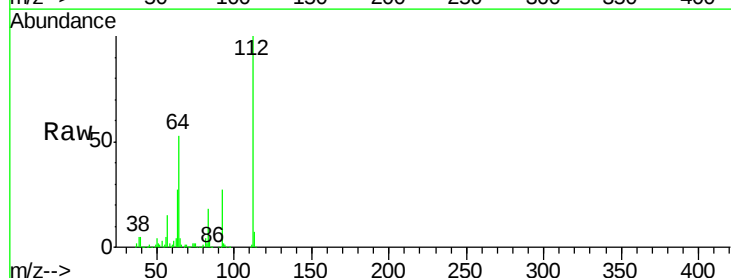
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	61.4	47.0	70.6



#5

2-Fluorophenol
Concen: 129.03 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.9	59.9
63	27.1	20.2	30.2





#7

Phenol-d6

Concen: 109.65 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

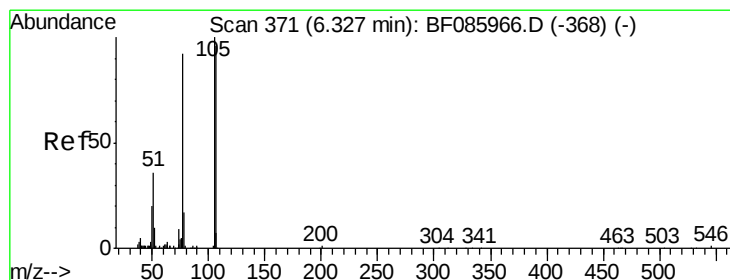
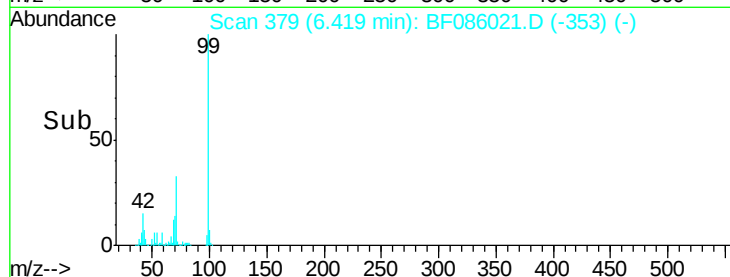
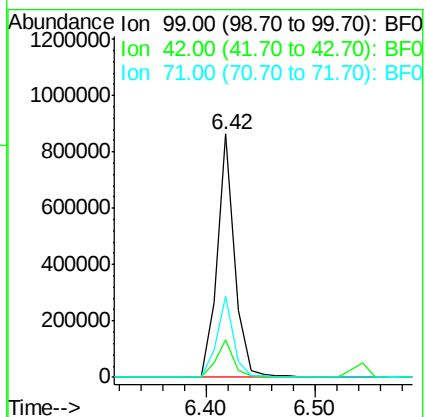
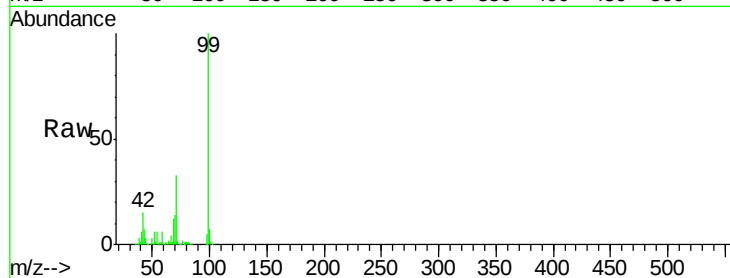
Tgt Ion: 99 Resp: 977291

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 33.4 24.9 37.3



#9

Benzaldehyde

Concen: 4.20 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

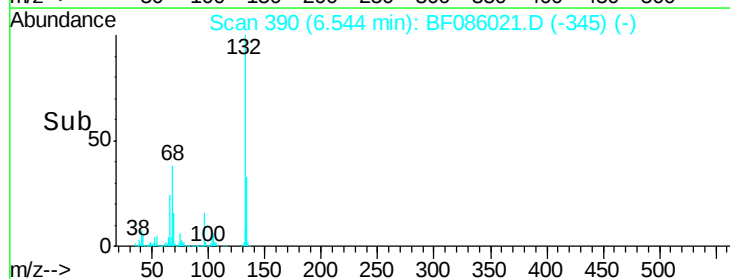
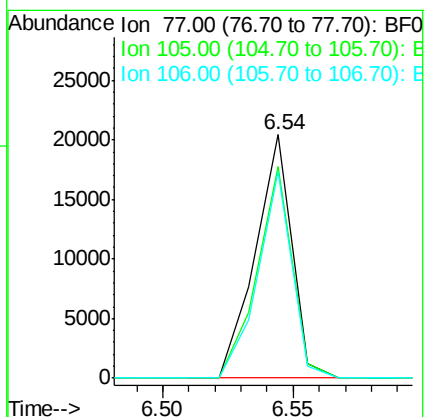
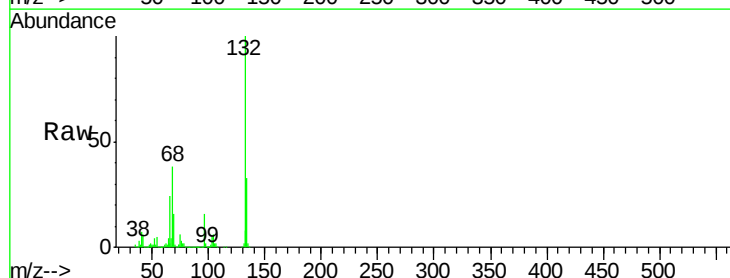
Tgt Ion: 77 Resp: 20141

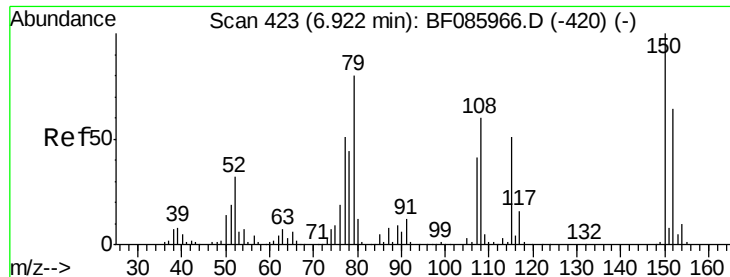
Ion Ratio Lower Upper

77 100

105 86.7 80.1 120.1

106 85.0 75.0 115.0

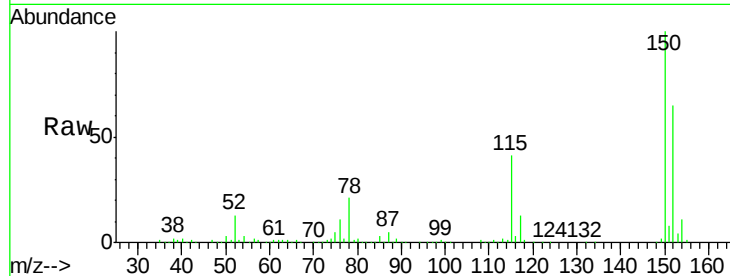




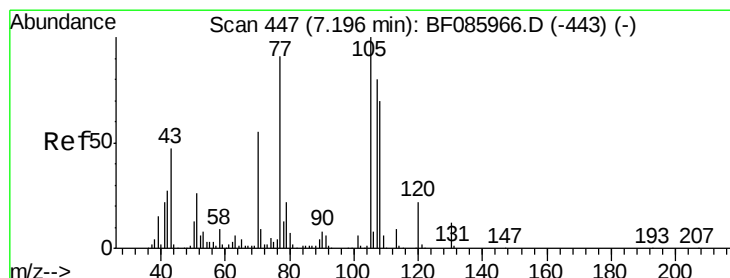
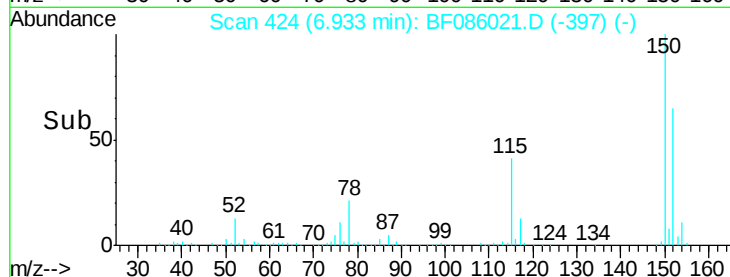
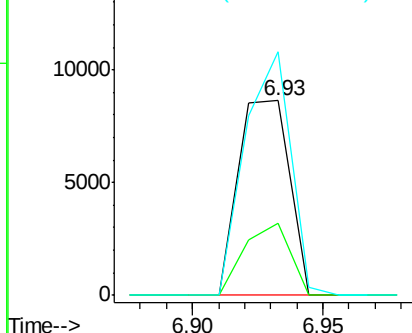
#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Instrument :
BNA_F
ClientSampled :
DB-NE-14

Tgt Ion: 79 Resp: 11761
Ion Ratio Lower Upper
79 100
108 37.3 61.8 92.6#
77 125.0 49.6 74.4#

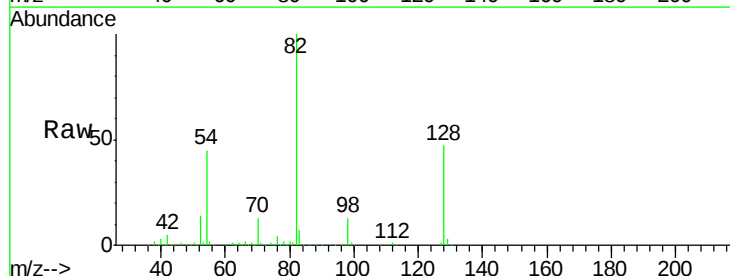


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

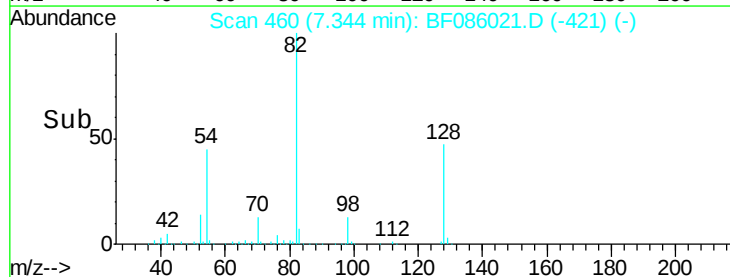
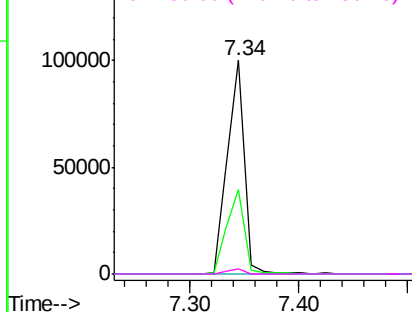


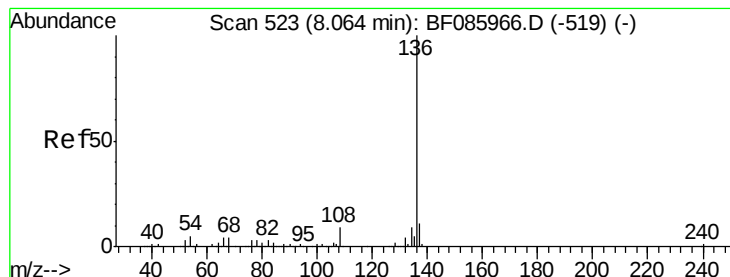
#19
n-Nitroso-di-n-propylamine
Concen: 19.48 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Tgt Ion: 70 Resp: 107628
Ion Ratio Lower Upper
70 100
42 39.8 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

Tgt Ion: 136 Resp: 463512

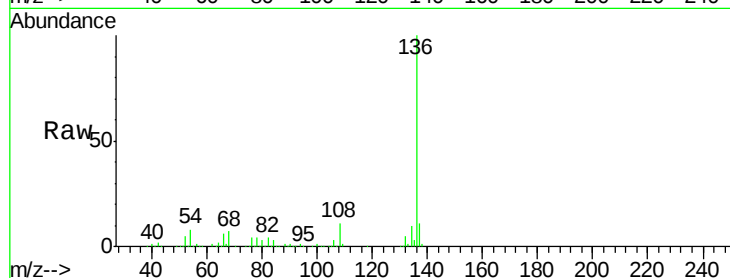
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 7.4 11.0

68 6.8 5.8 8.8

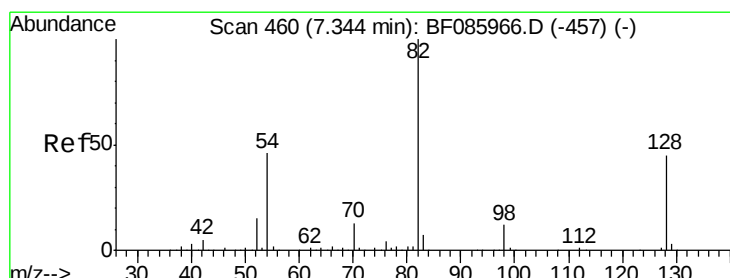
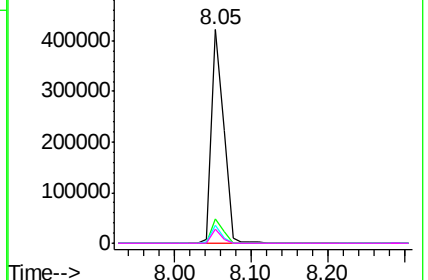
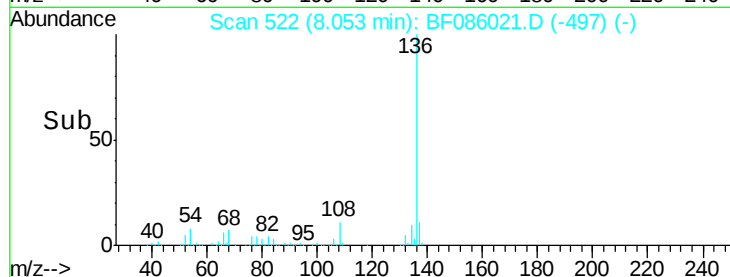


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.10 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

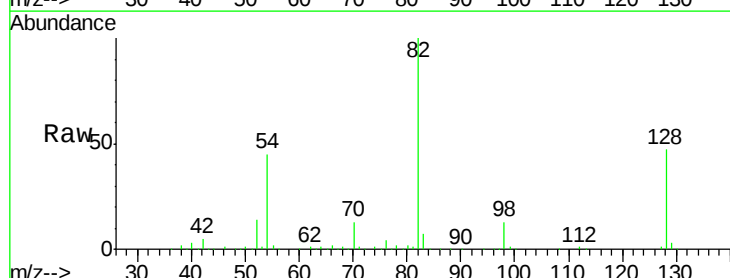
Tgt Ion: 82 Resp: 810360

Ion Ratio Lower Upper

82 100

128 47.0 41.8 62.8

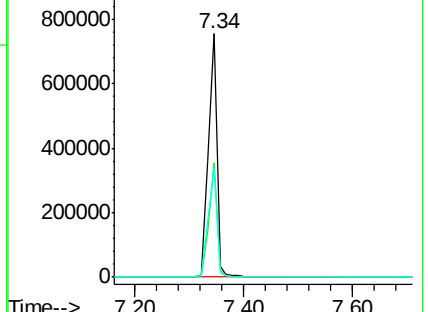
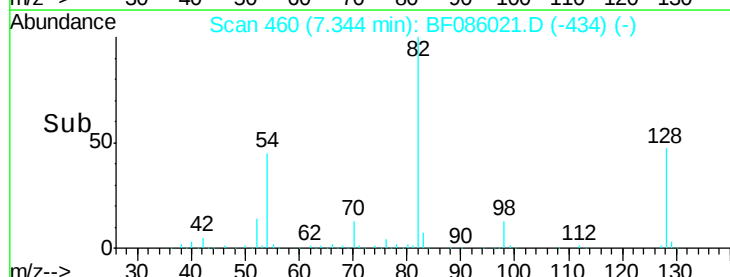
54 44.8 33.4 50.0

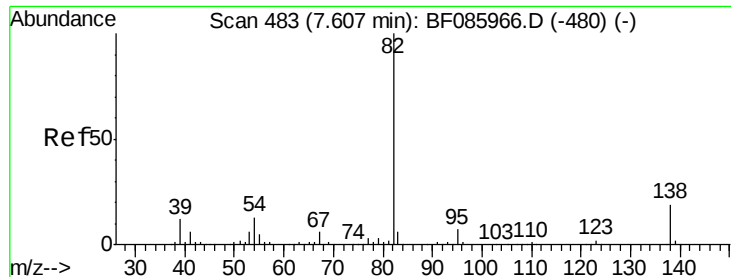


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 52.03 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

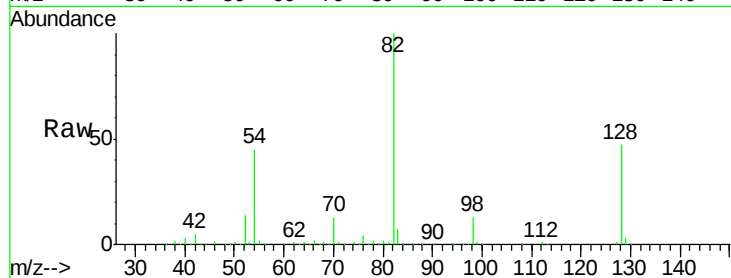
Tgt Ion: 82 Resp: 807259

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

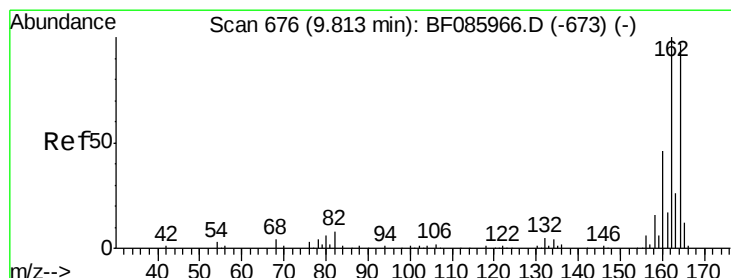
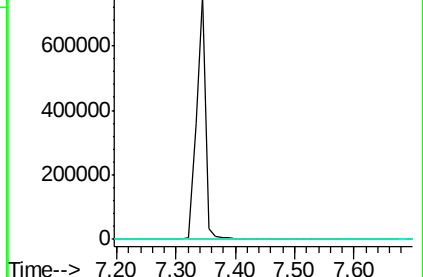
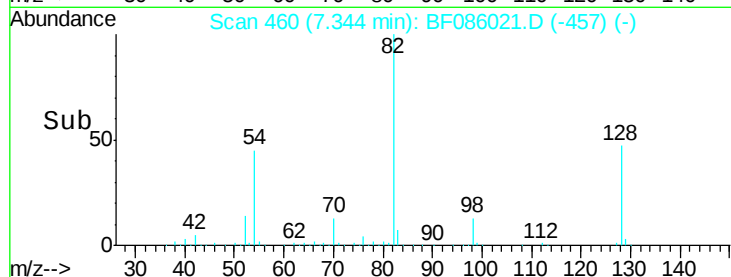
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086021.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086021.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086021.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

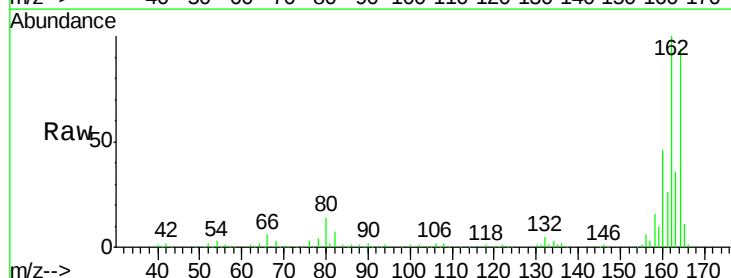
Tgt Ion: 164 Resp: 213815

Ion Ratio Lower Upper

164 100

162 106.7 82.1 123.1

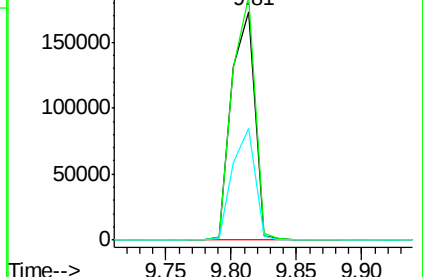
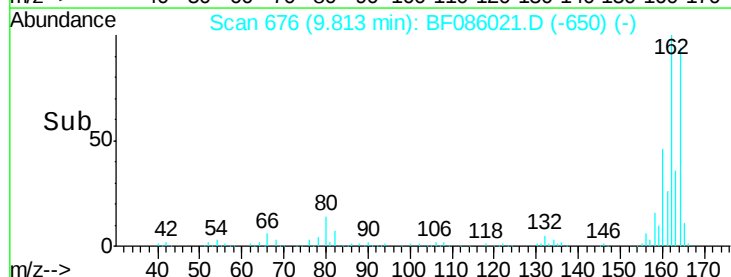
160 49.2 37.4 56.2

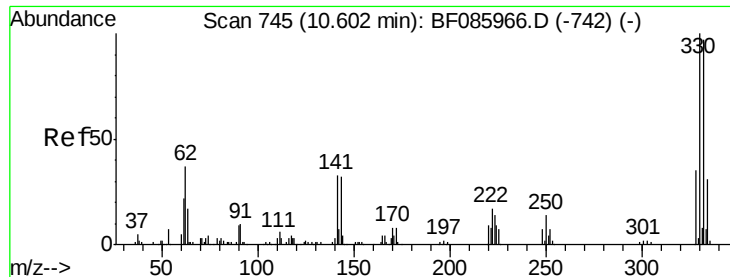


Abundance Ion 164.00 (163.70 to 164.70): BF086021.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF086021.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF086021.D (-650) (-)

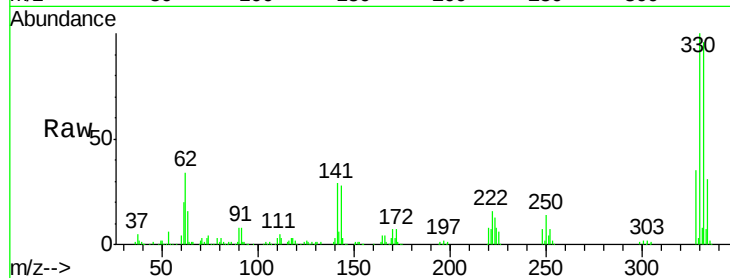




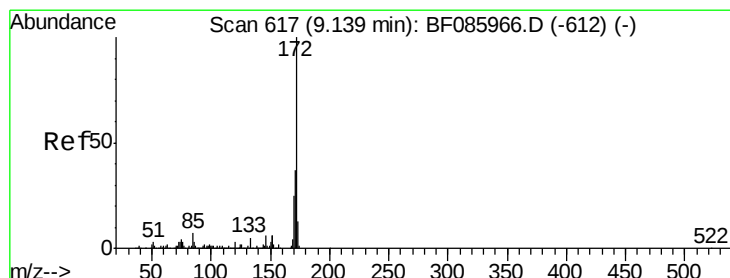
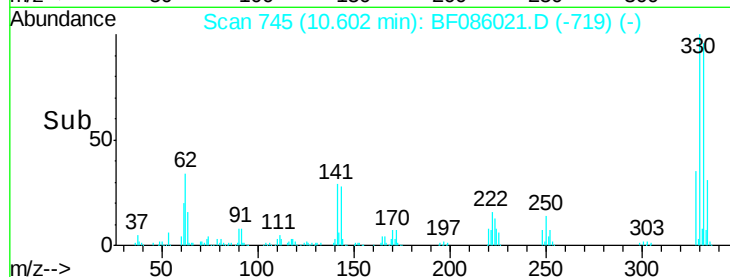
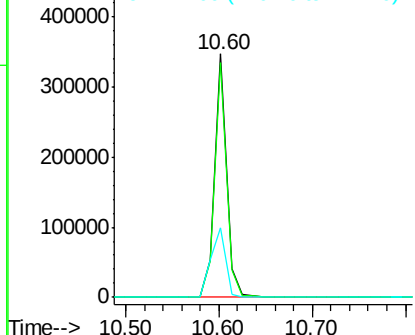
#41
 2,4,6-Tribromophenol
 Concen: 154.20 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086021.D
 Acq: 2 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Tgt Ion:330 Resp: 309450
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 36.0 31.5 47.3

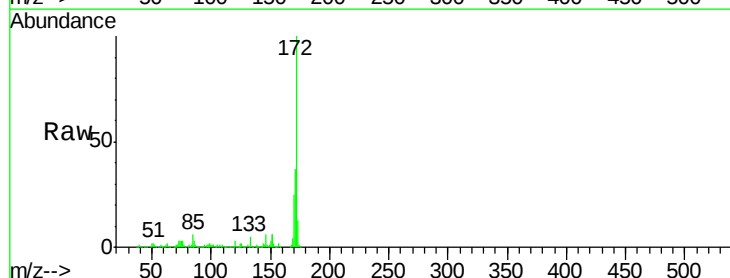


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

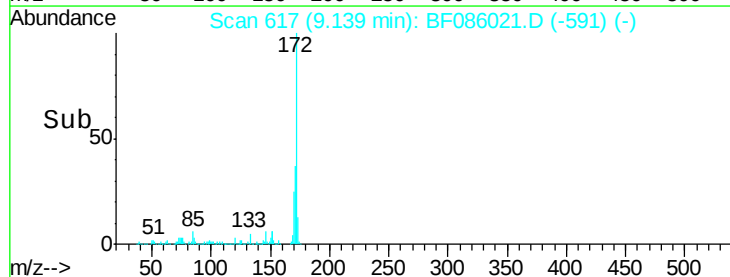
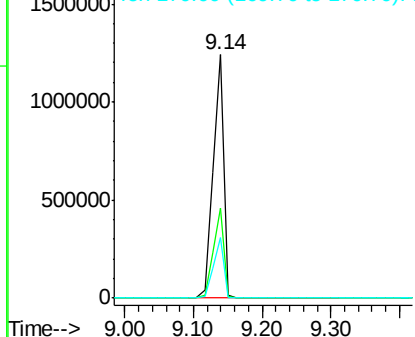


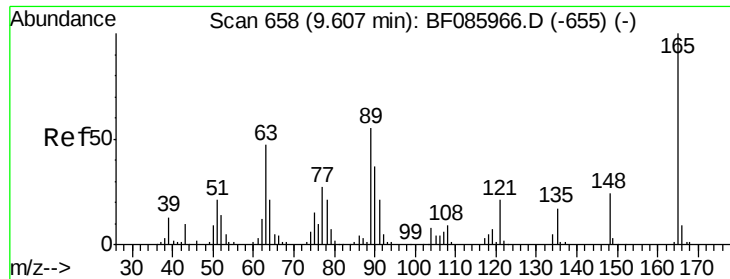
#44
 2-Fluorobiphenyl
 Concen: 104.46 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086021.D
 Acq: 2 Apr 2016 19:43

Tgt Ion:172 Resp: 1343312
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.7 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

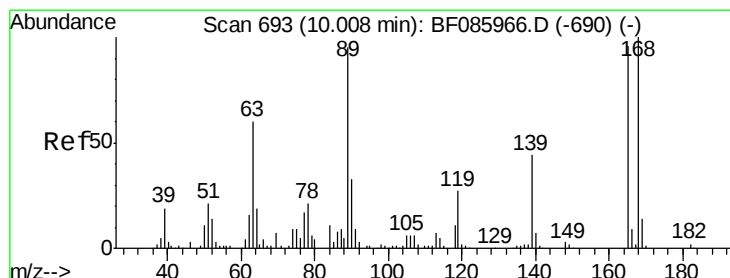
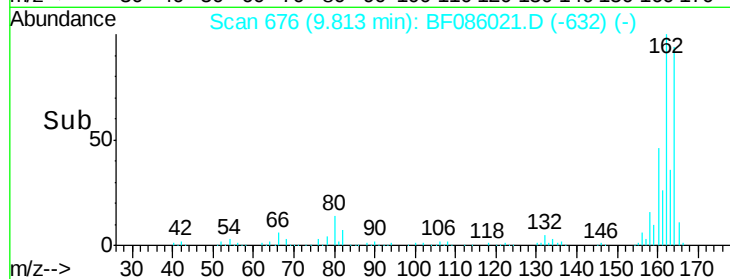
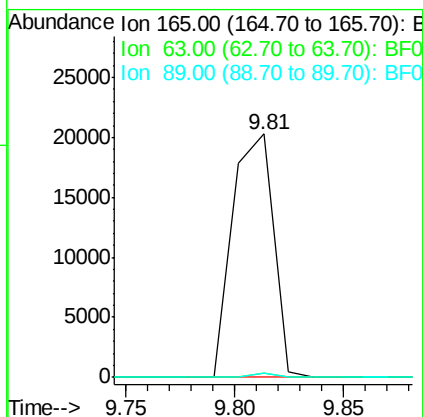
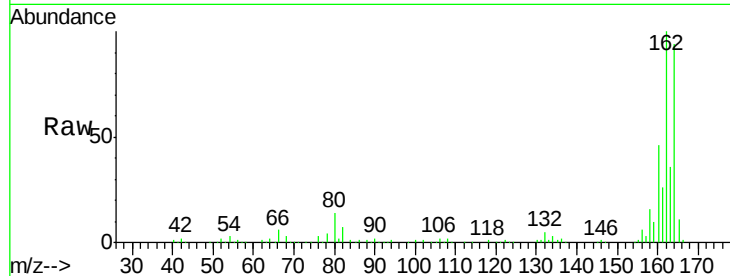




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF086021.D
 Acq: 2 Apr 2016 19:43

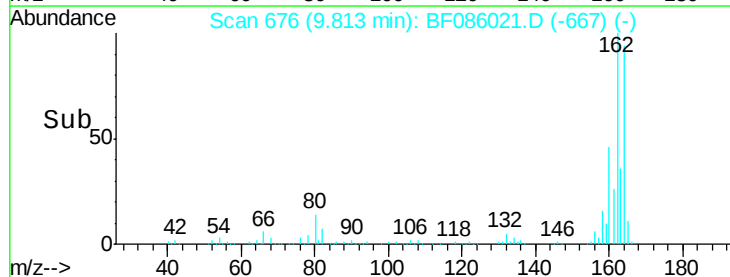
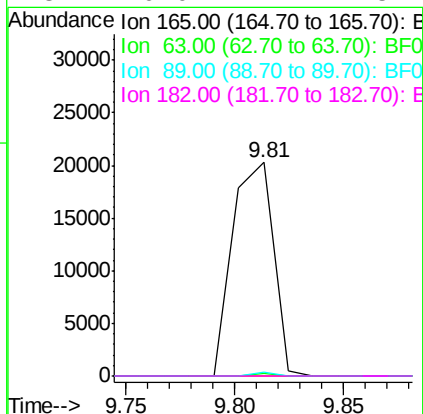
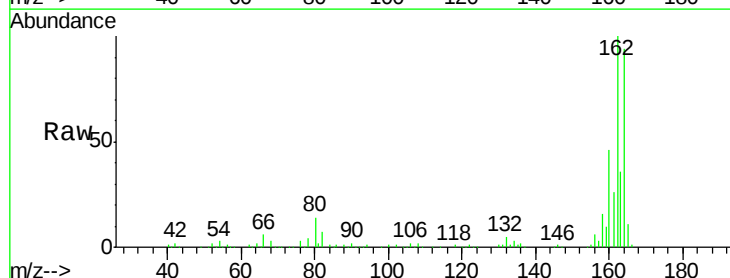
Instrument :
 BNA_F
 ClientSampled :
 DB-NE-14

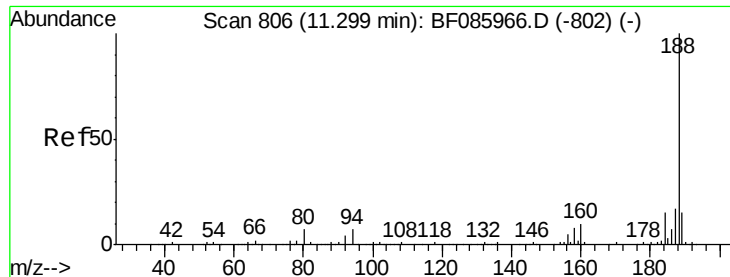
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.8	53.7	80.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF086021.D
 Acq: 2 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

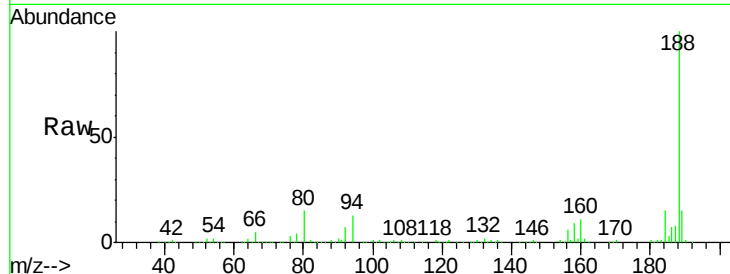




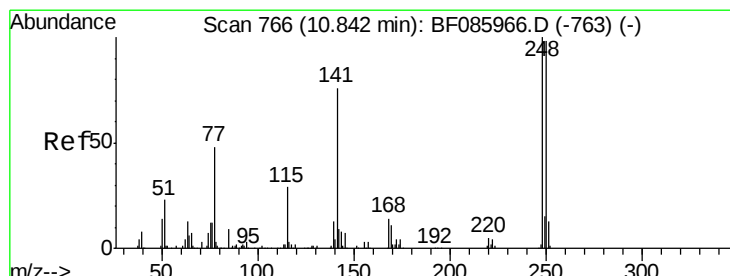
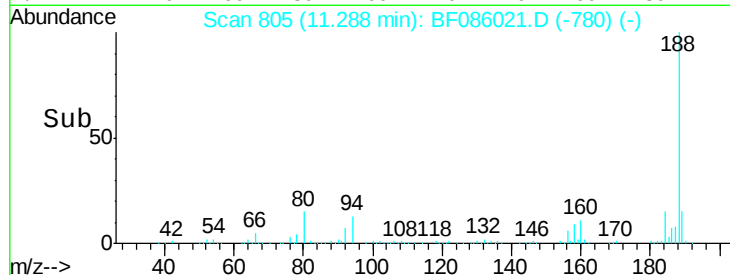
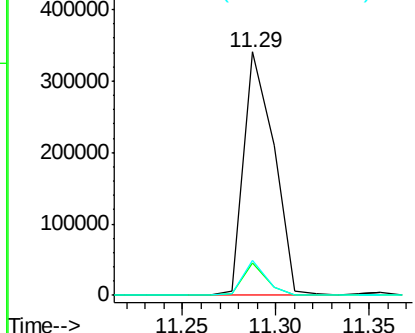
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
DB-NE-14

Tgt Ion:188 Resp: 387843
Ion Ratio Lower Upper
188 100
94 13.3 5.4 8.0#
80 14.5 5.5 8.3#

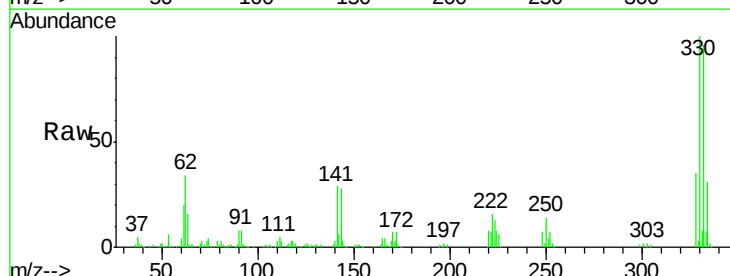


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

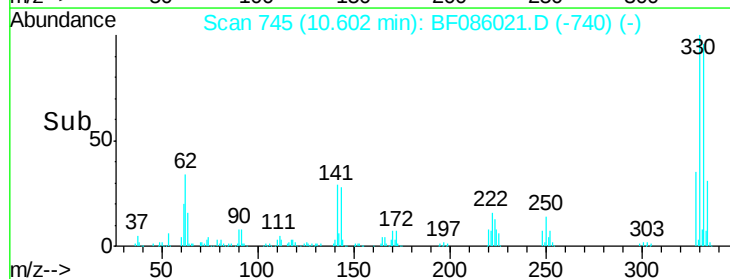
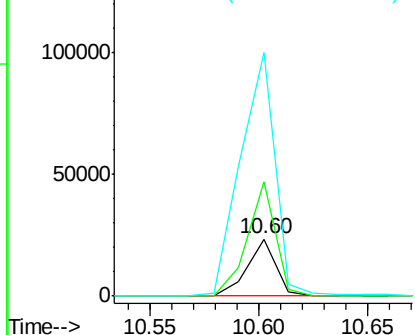


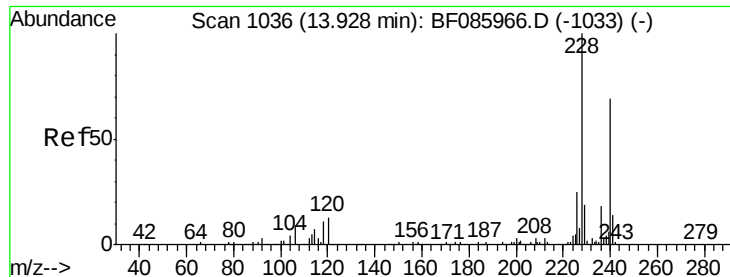
#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Tgt Ion:248 Resp: 21258
Ion Ratio Lower Upper
248 100
250 200.4 77.4 116.0#
141 427.5 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. -0.00 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

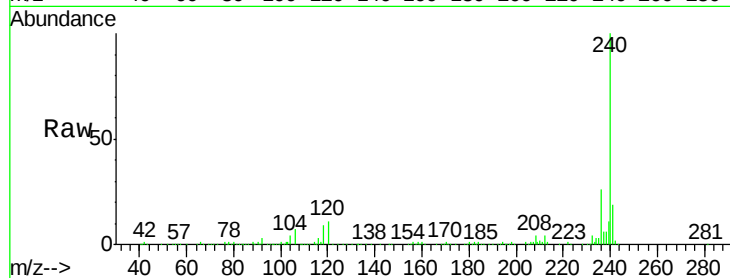
Tgt Ion:240 Resp: 271190

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

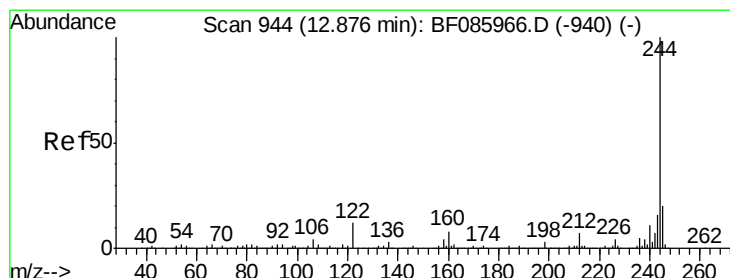
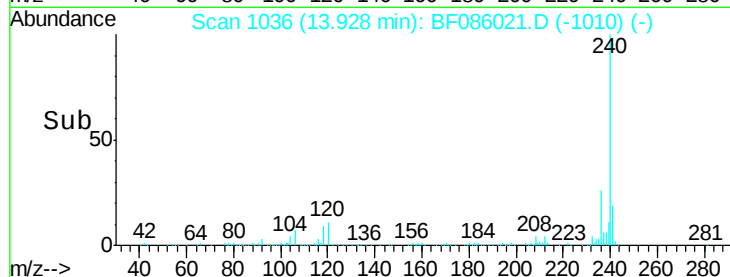
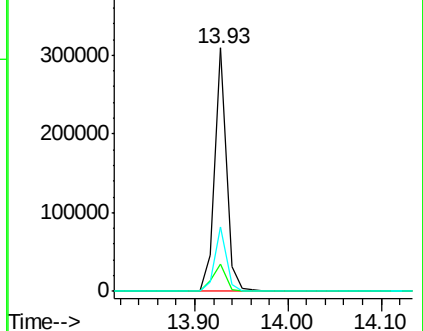
236 26.4 20.6 30.8



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: 96.04 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086021.D

Acq: 2 Apr 2016 19:43

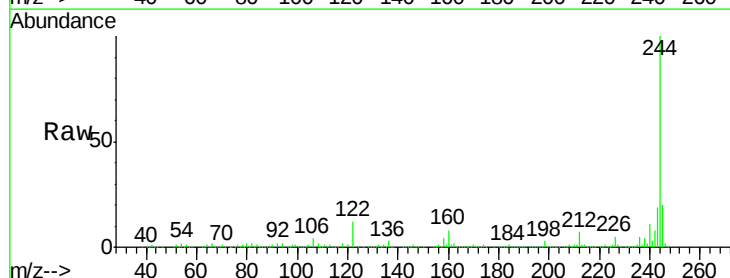
Tgt Ion:244 Resp: 1107936

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

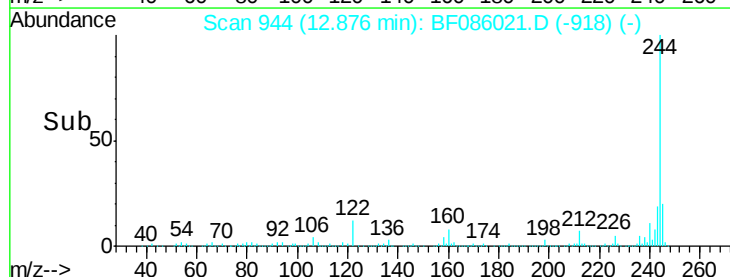
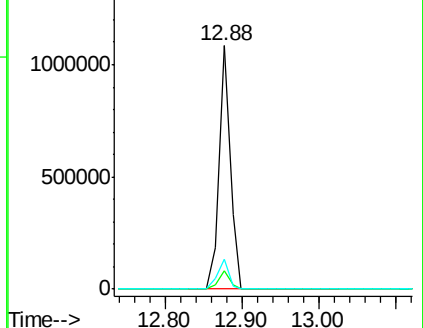
122 12.4 10.2 15.4

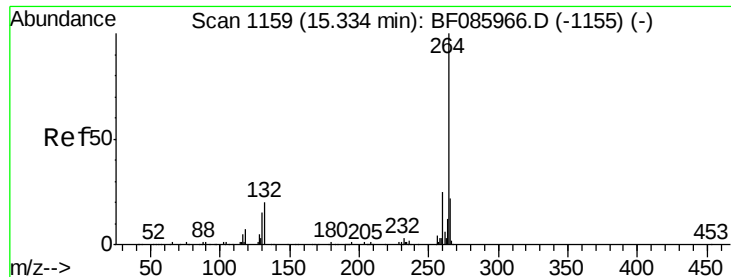


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

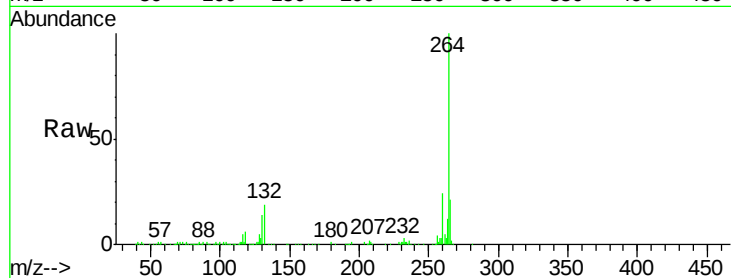




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086021.D
Acq: 2 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
DB-NE-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.1	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

