

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086020.D
 Acq On : 2 Apr 2016 19:14
 Operator : UM/SJ
 Sample : H2050-08
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W8DAY1

Quant Time: Apr 04 01:07:32 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

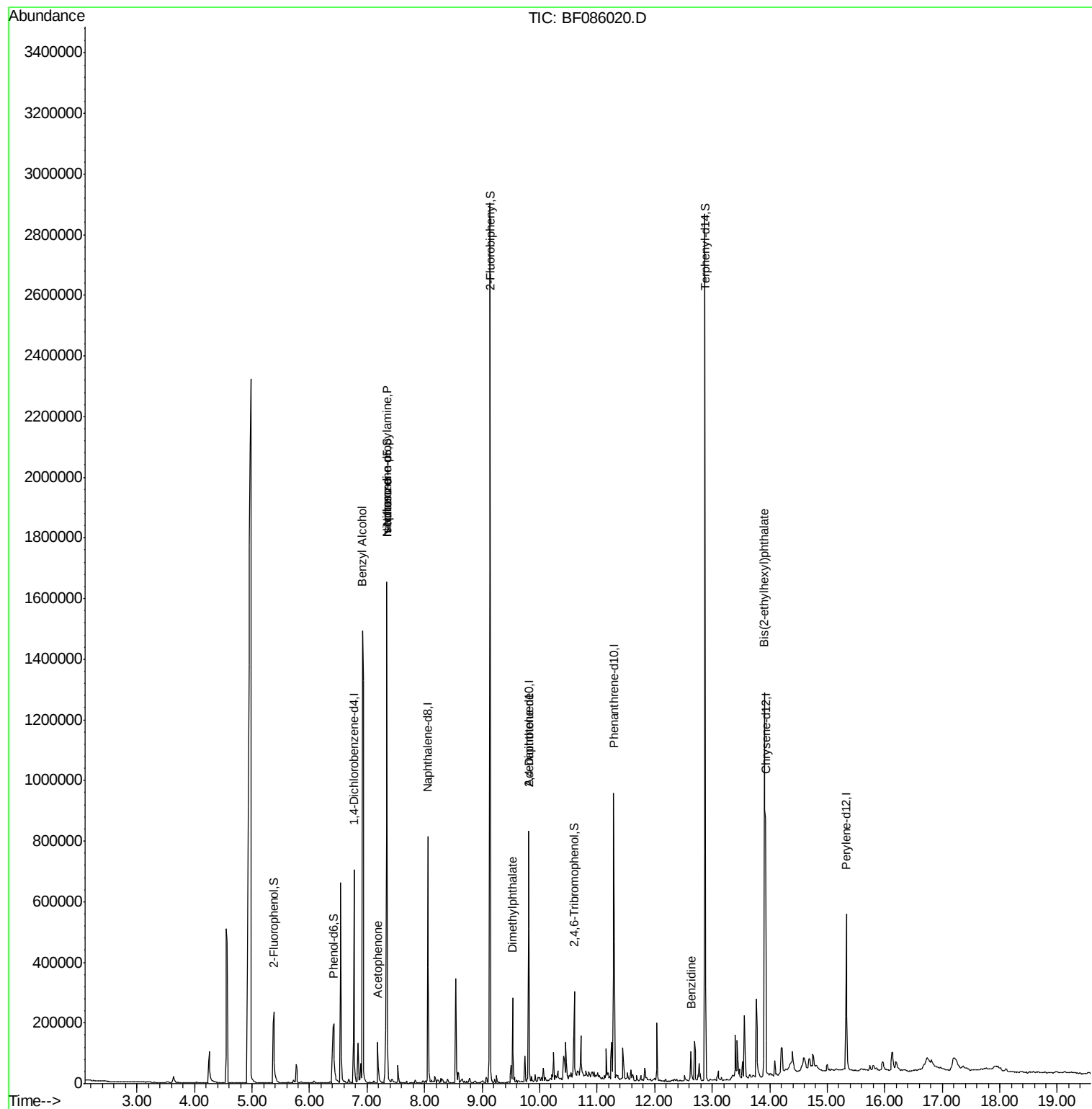
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106799	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422888	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	196346	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	370436	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	271208	20.00	ng	0.00
86) Perylene-d12	15.33	264	217752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	121928	19.51	ng	0.01
7) Phenol-d6	6.42	99	87683	11.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	621708	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	36852	20.00	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1108835	93.90	ng	0.00
78) Terphenyl-d14	12.88	244	884238	76.64	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.92	79	13388	2.61	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	82595	16.79	ng	# 76
22) Acetophenone	7.18	105	47445	4.77	ng	# 94
25) Isophorone	7.34	82	614465	43.41	ng	# 68
49) Dimethylphthalate	9.53	163	114223	7.85	ng	99
56) 2,4-Dinitrotoluene	9.81	165	24565	6.31	ng	# 38
76) Benzidine	12.64	184	59076	6.17	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	454751	39.82	ng	99

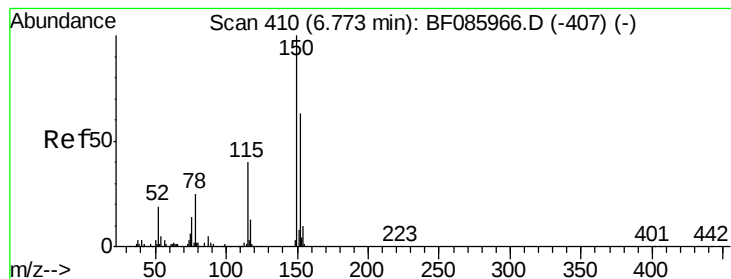
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

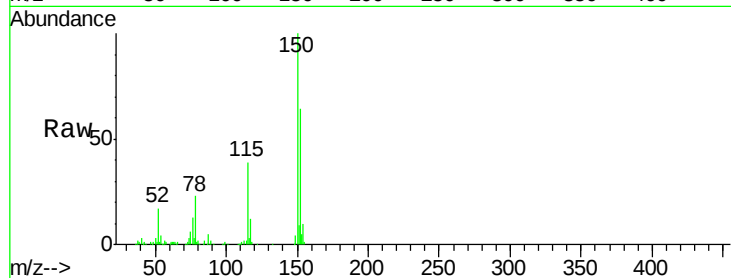
Tgt Ion:152 Resp: 106799

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

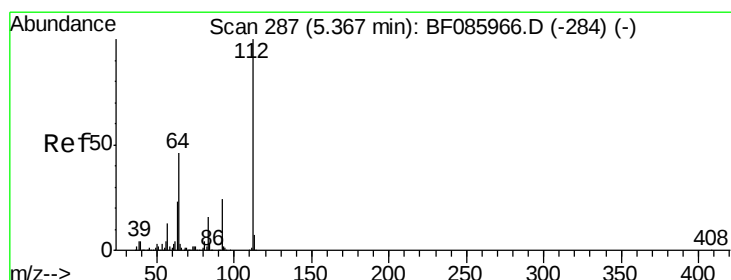
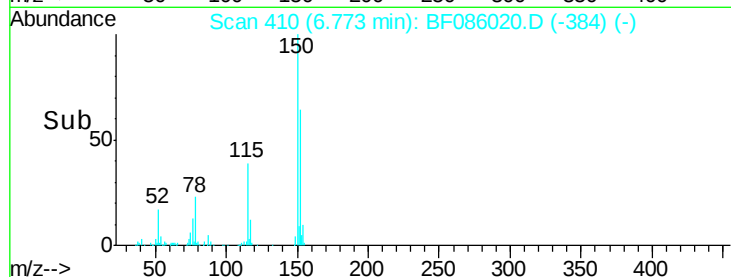
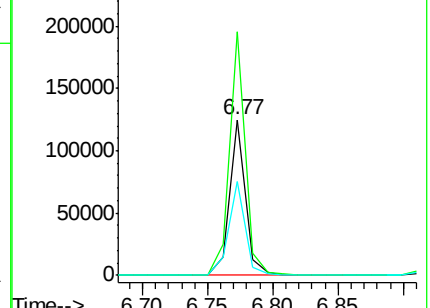
115 60.4 47.0 70.6



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: 19.51 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

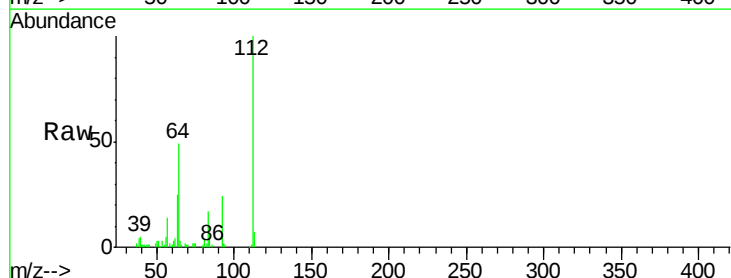
Tgt Ion:112 Resp: 121928

Ion Ratio Lower Upper

112 100

64 49.5 39.9 59.9

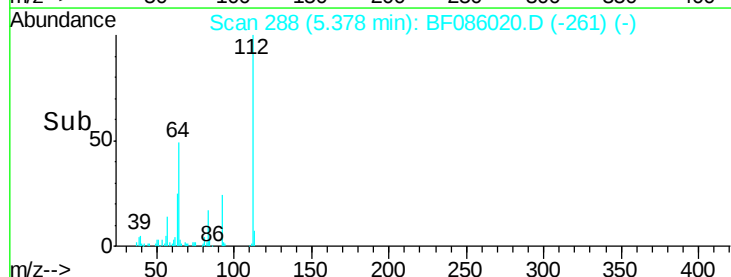
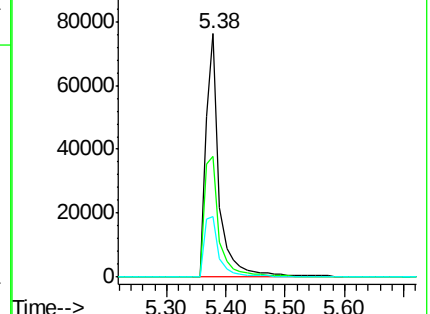
63 25.1 20.2 30.2



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: 11.05 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

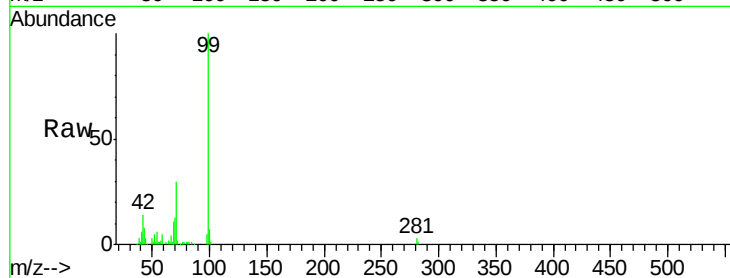
Tgt Ion: 99 Resp: 87683

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

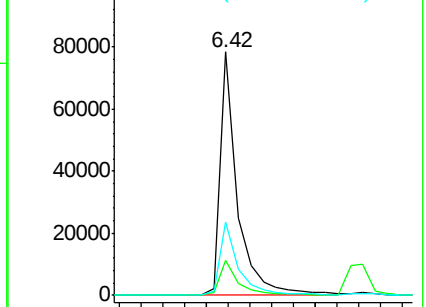
71 30.1 24.9 37.3



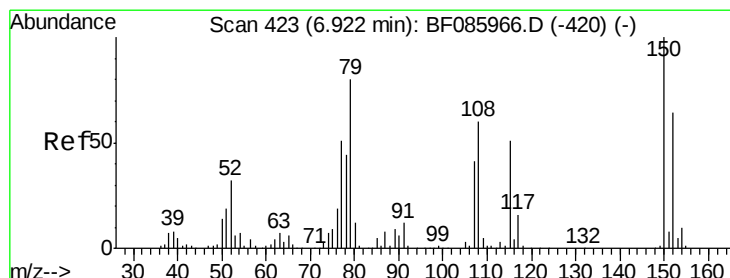
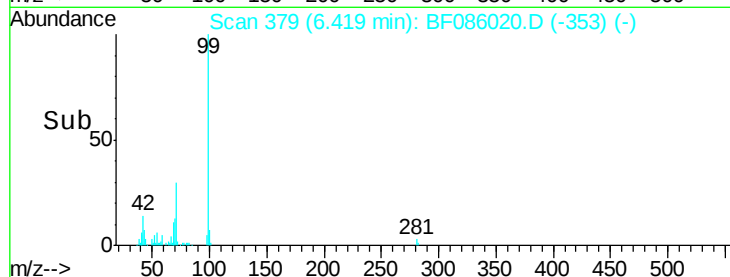
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#15

Benzyl Alcohol

Concen: 2.61 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

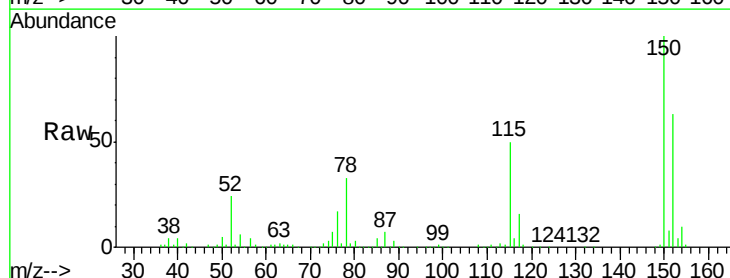
Tgt Ion: 79 Resp: 13388

Ion Ratio Lower Upper

79 100

108 29.0 61.8 92.6#

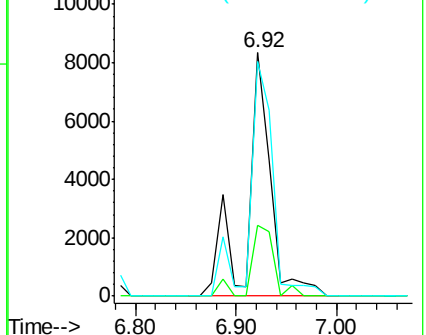
77 96.5 49.6 74.4#



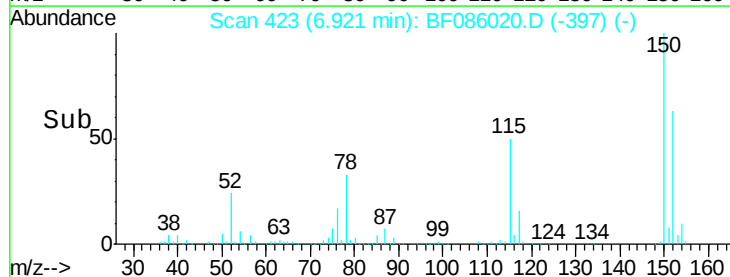
Abundance Ion 79.00 (78.70 to 79.70): BF0

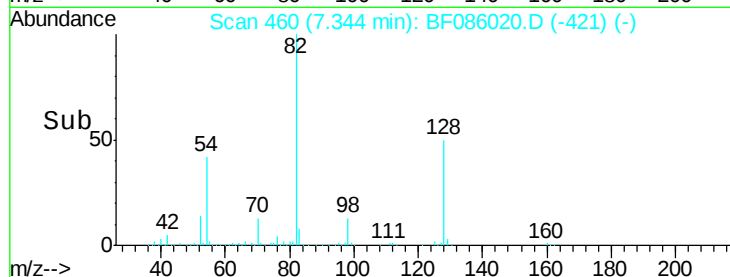
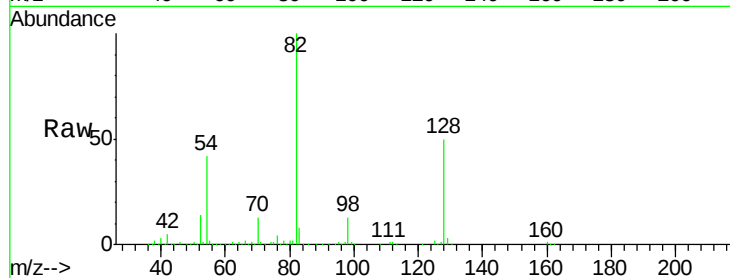
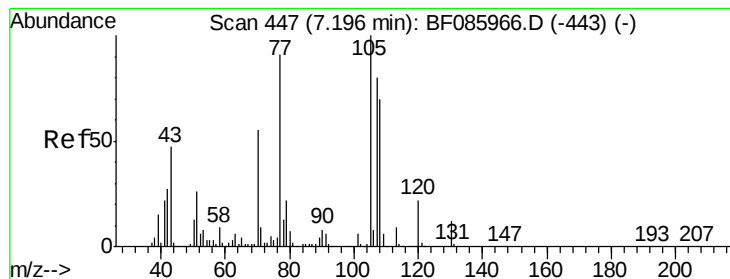
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 16.79 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

W8DAY1

Tgt Ion: 70 Resp: 82595

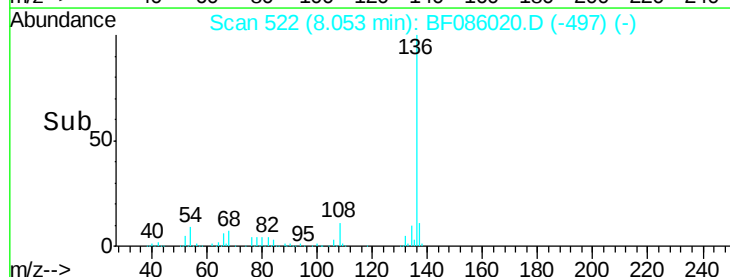
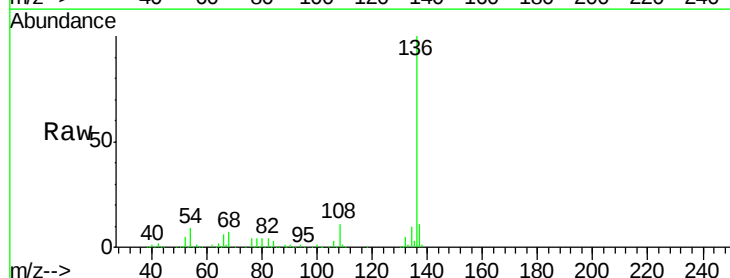
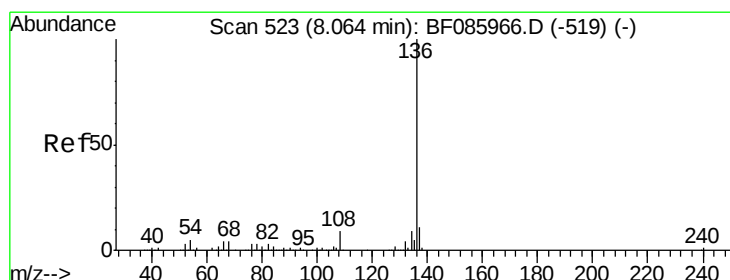
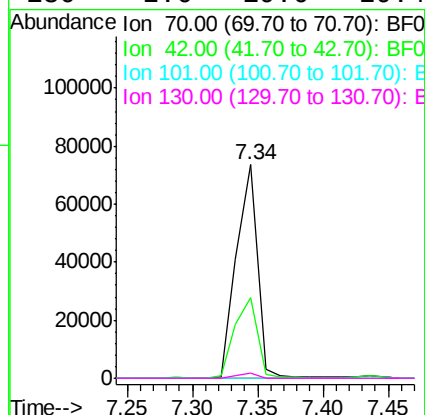
Ion Ratio Lower Upper

70 100

42 38.0 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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Tgt Ion: 136 Resp: 422888

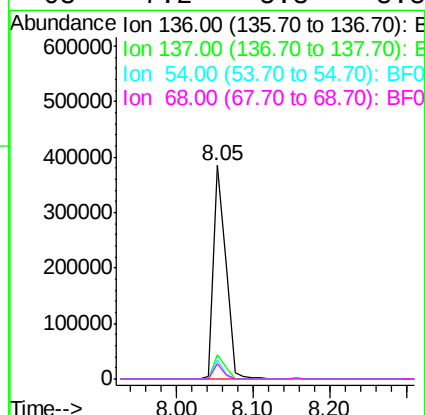
Ion Ratio Lower Upper

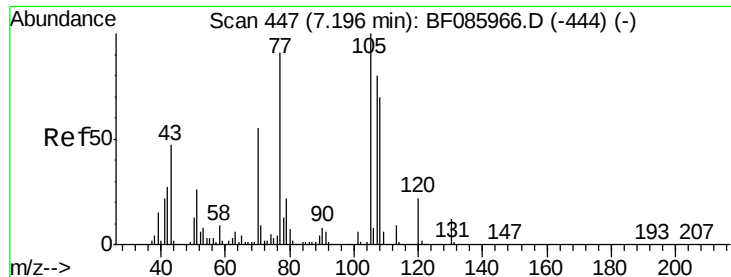
136 100

137 11.4 9.1 13.7

54 9.0 7.4 11.0

68 7.2 5.8 8.8





#22

Acetophenone

Concen: 4.77 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

Tgt Ion:105 Resp: 47445

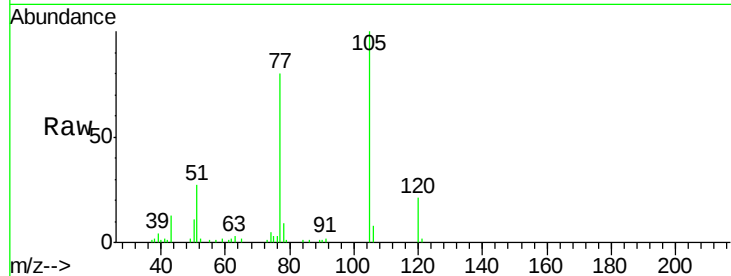
Ion Ratio Lower Upper

105 100

71 0.0 3.6 5.4#

51 27.5 25.4 38.0

120 20.7 16.9 25.3

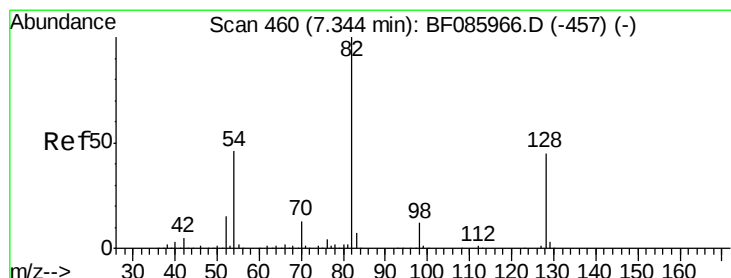
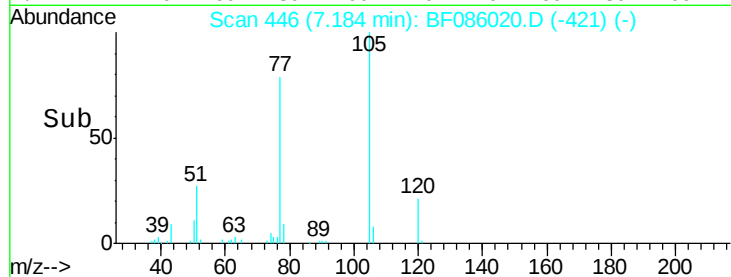
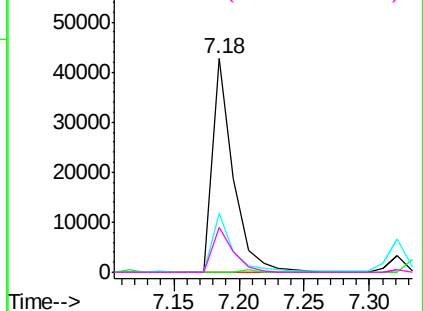


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.70 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

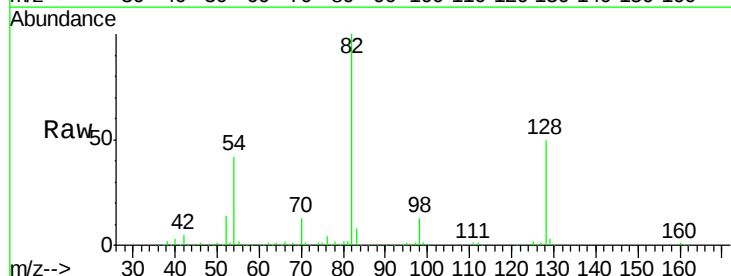
Tgt Ion: 82 Resp: 621708

Ion Ratio Lower Upper

82 100

128 50.0 41.8 62.8

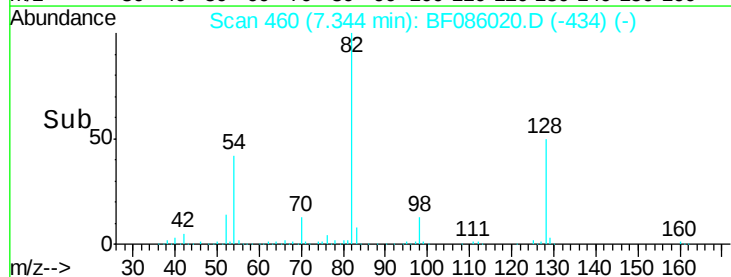
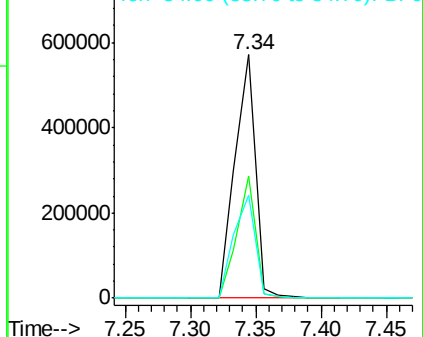
54 42.2 33.4 50.0

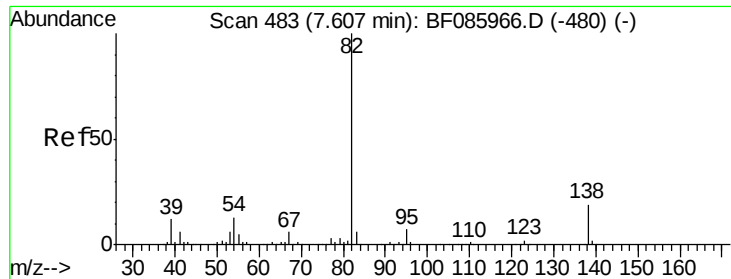


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.41 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

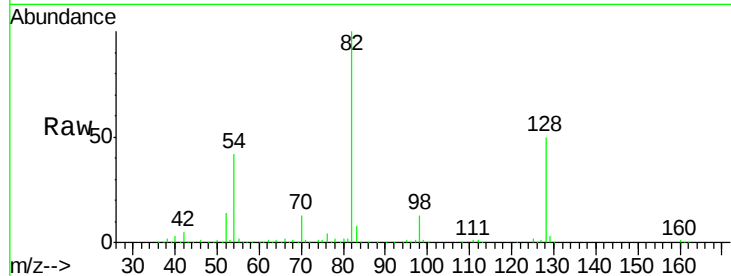
Tgt Ion: 82 Resp: 614465

Ion Ratio Lower Upper

82 100

95 0.9 5.4 8.2#

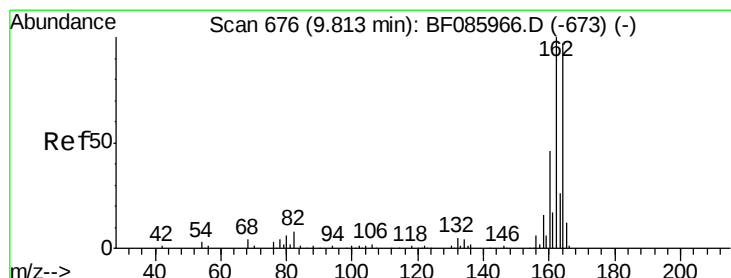
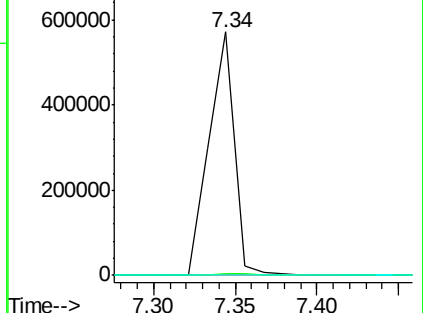
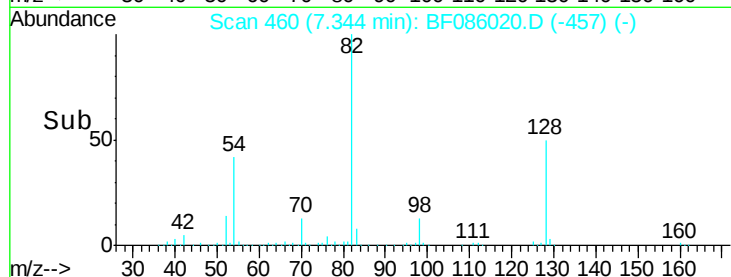
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086020.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086020.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086020.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

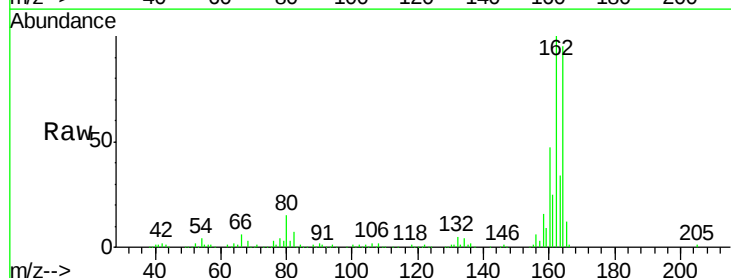
Tgt Ion: 164 Resp: 196346

Ion Ratio Lower Upper

164 100

162 105.2 82.1 123.1

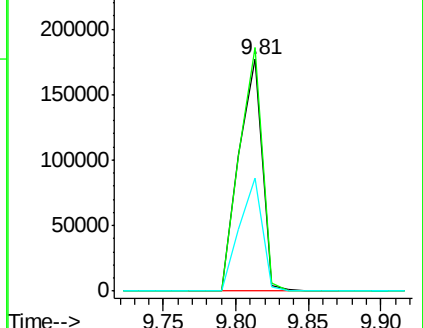
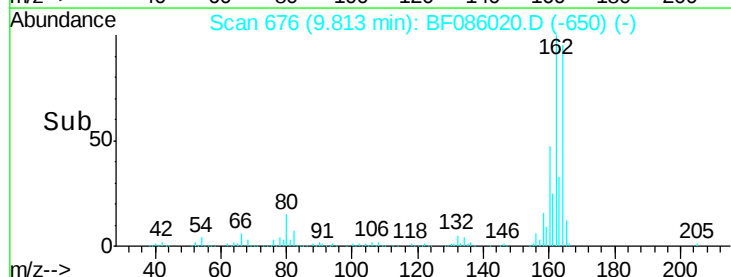
160 49.0 37.4 56.2

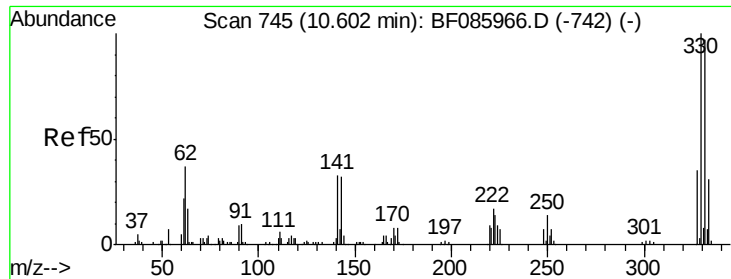


Abundance Ion 164.00 (163.70 to 164.70): BF086020.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF086020.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF086020.D (-650) (-)

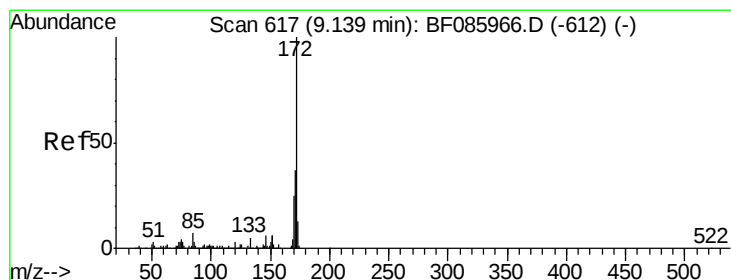
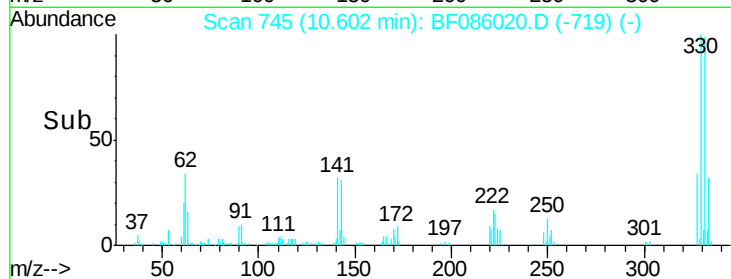
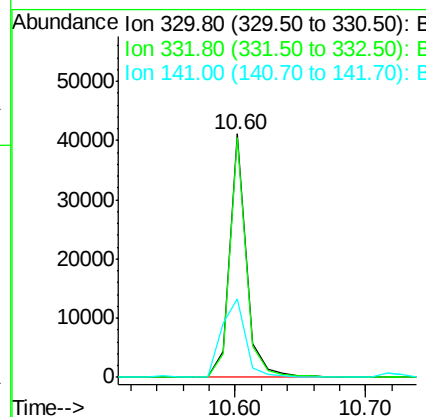
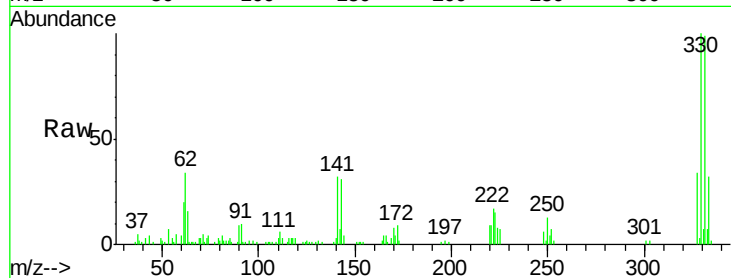




#41
 2,4,6-Tribromophenol
 Concen: 20.00 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

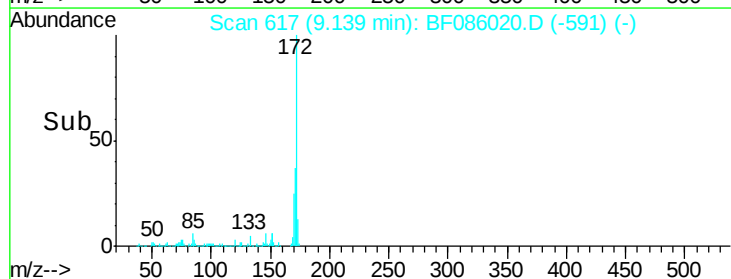
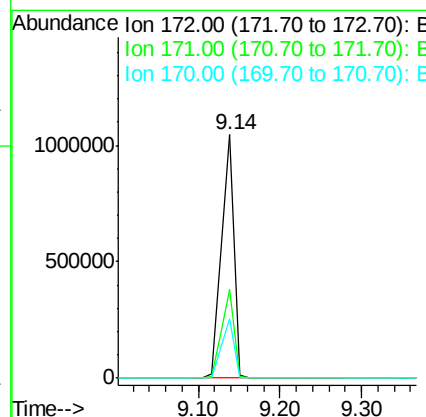
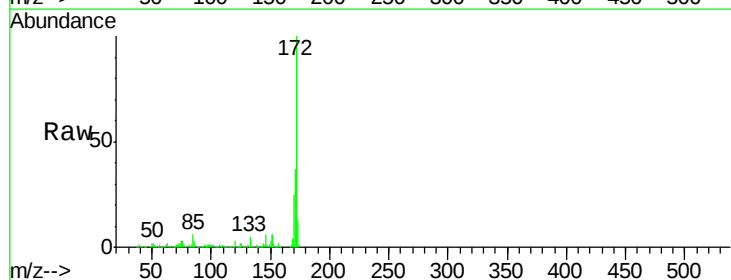
Instrument :
 BNA_F
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 W8DAY1

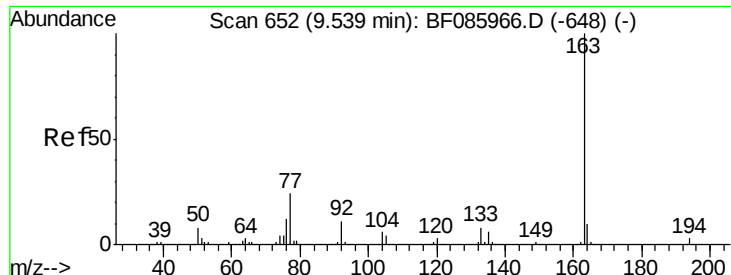
Tgt Ion:330 Resp: 36852
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 46.3 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 93.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Tgt Ion:172 Resp: 1108835
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6

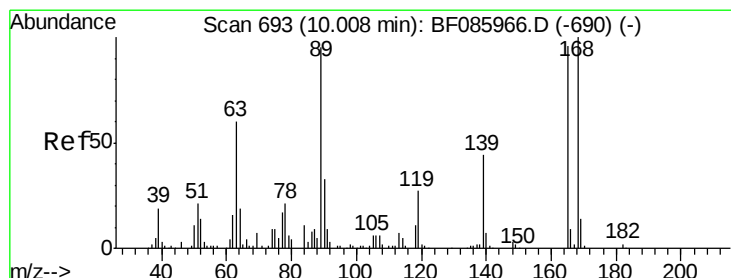
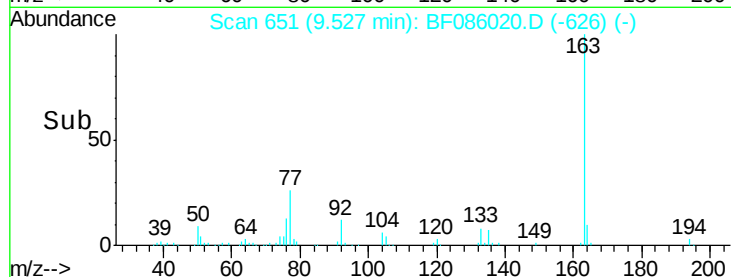
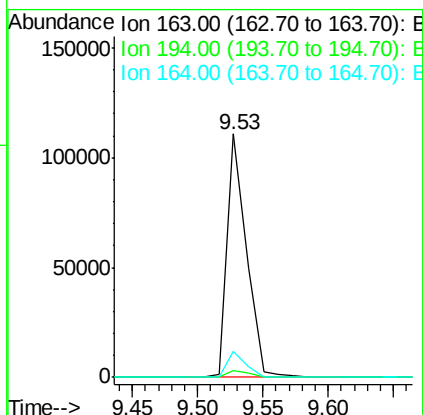
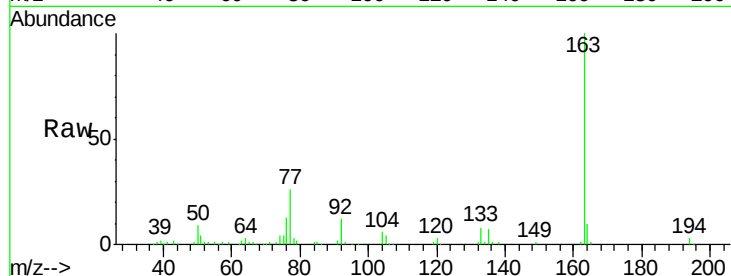




#49
Dimethylphthalate
Concen: 7.85 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

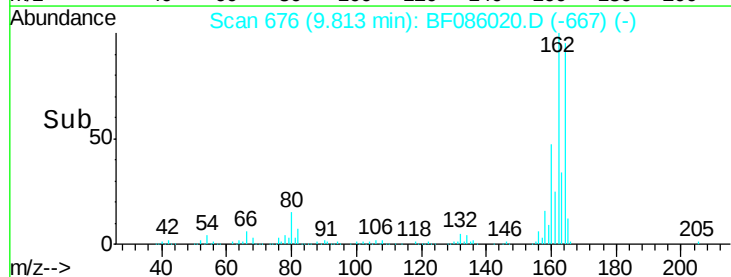
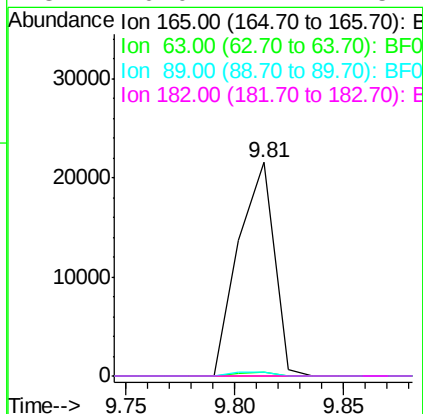
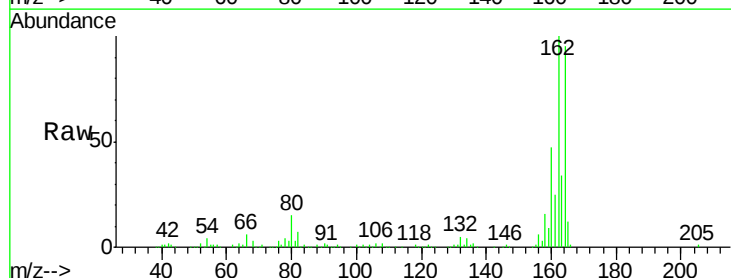
Instrument :
BNA_F
ClientSampled :
W8DAY1

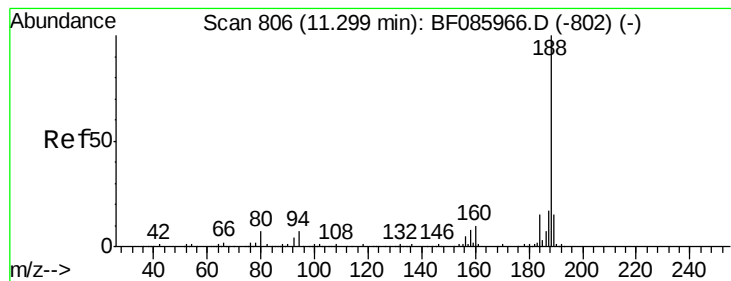
Tgt Ion:163 Resp: 114223
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.5 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Tgt Ion:165 Resp: 24565
Ion Ratio Lower Upper
165 100
63 1.7 24.9 37.3#
89 2.1 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: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

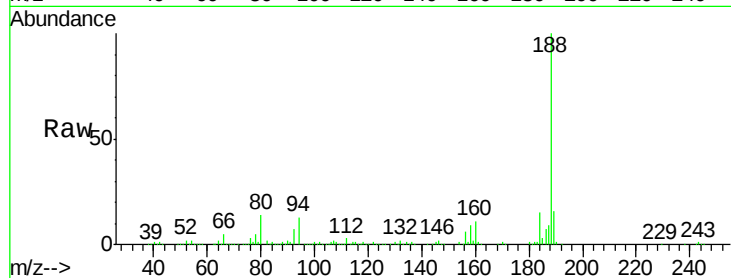
Tgt Ion:188 Resp: 370436

Ion Ratio Lower Upper

188 100

94 12.8 5.4 8.0#

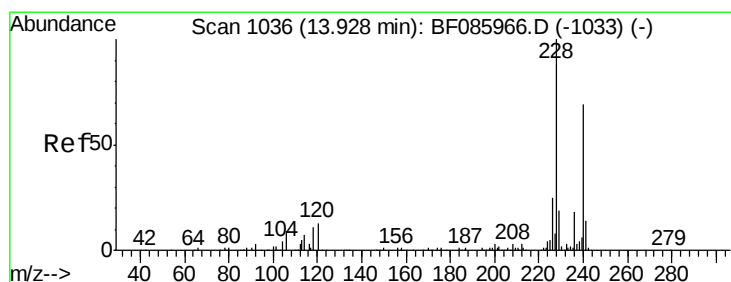
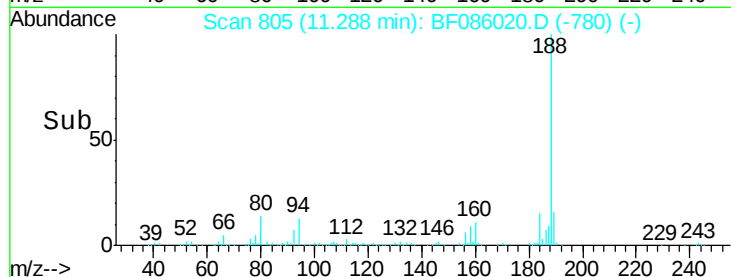
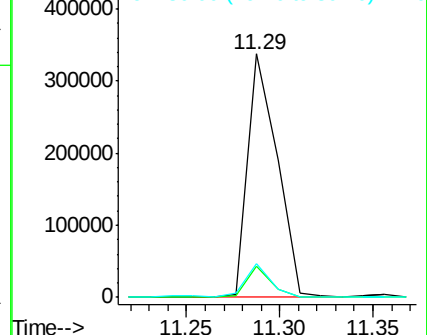
80 14.1 5.5 8.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

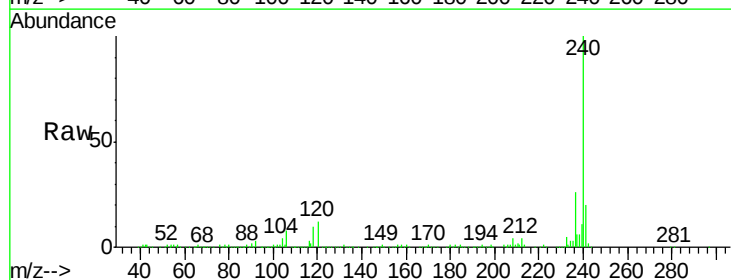
Tgt Ion:240 Resp: 271208

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

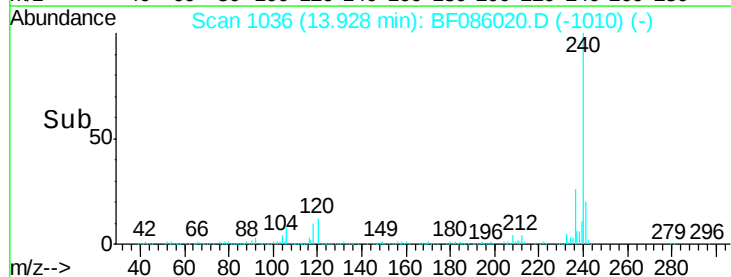
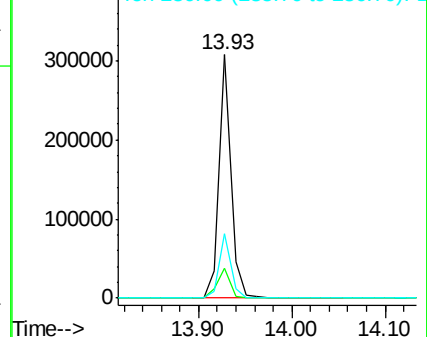
236 26.3 20.6 30.8

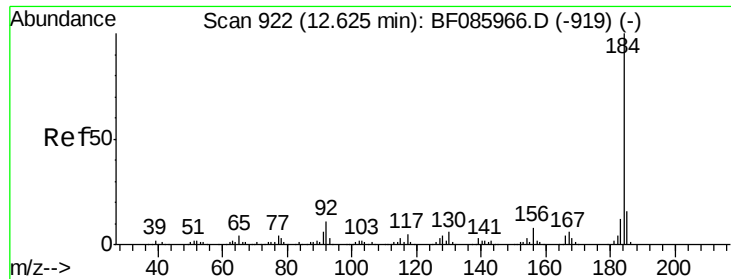


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.17 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

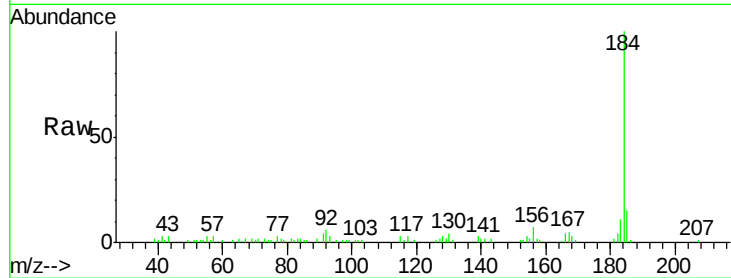
Tgt Ion:184 Resp: 59076

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

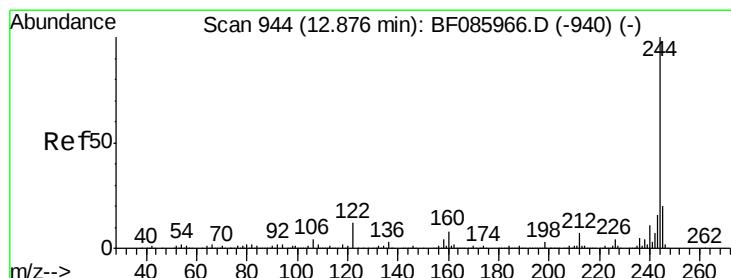
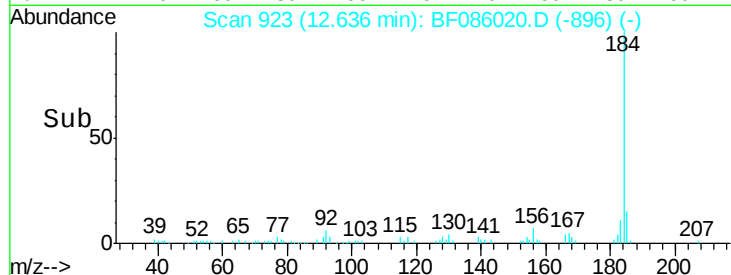
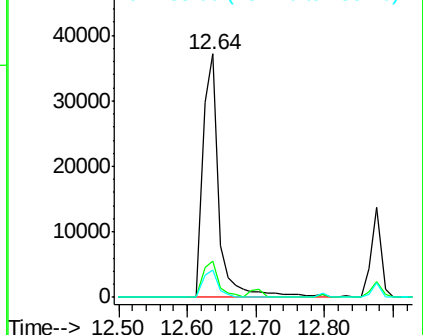
183 11.5 9.4 14.2



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: 76.64 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

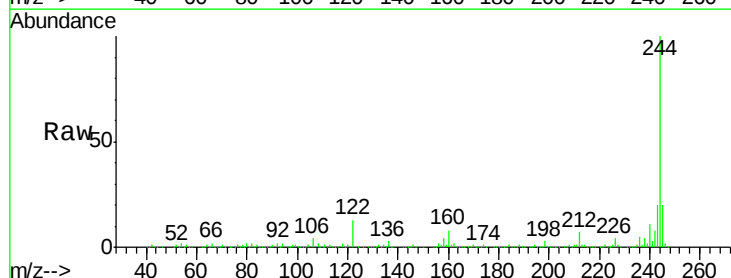
Tgt Ion:244 Resp: 884238

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

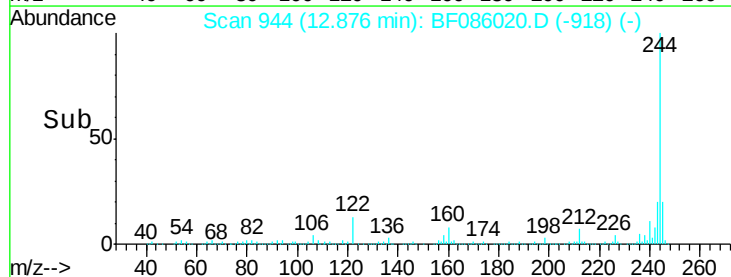
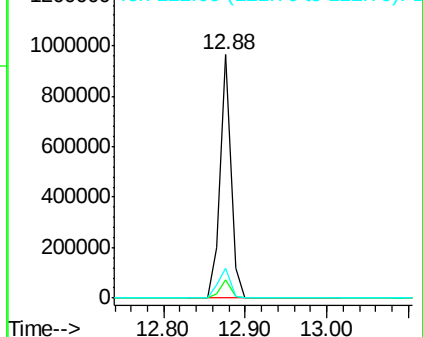
122 12.5 10.2 15.4

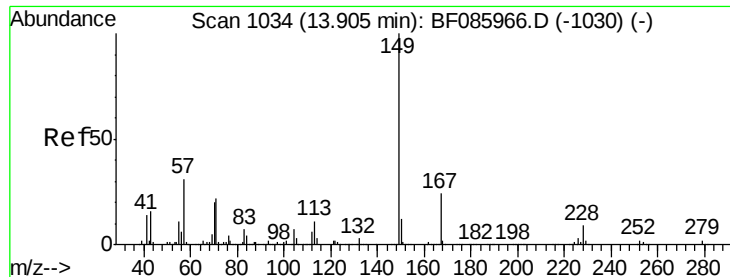


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

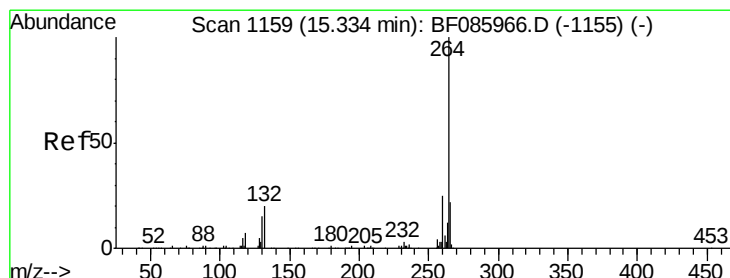
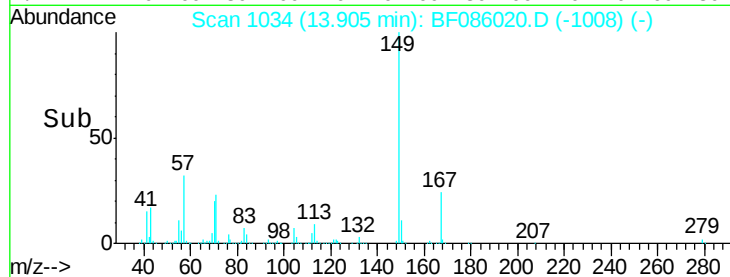
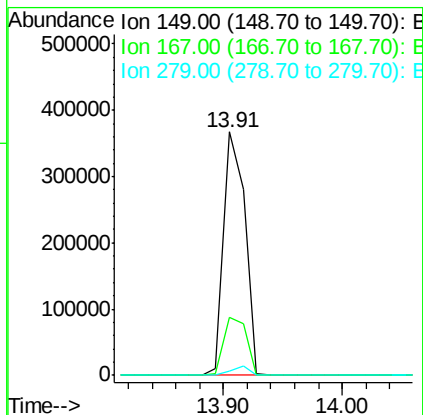
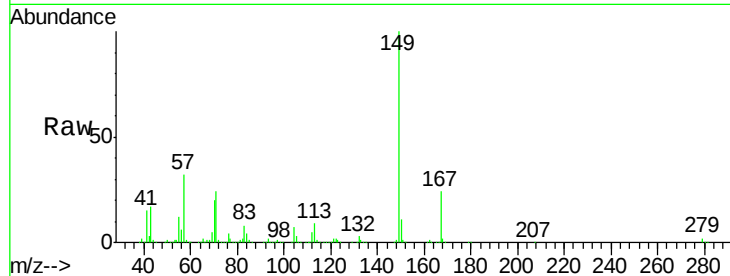




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.82 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 W8DAY1

Tgt Ion:149 Resp: 454751
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.4 29.2
 279 1.8 1.5 2.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Tgt Ion:264 Resp: 217752
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.2 17.2 25.8

