

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086786.D
 Acq On : 7 May 2016 21:02
 Operator : UM/SJ
 Sample : H2831-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: May 08 03:46:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

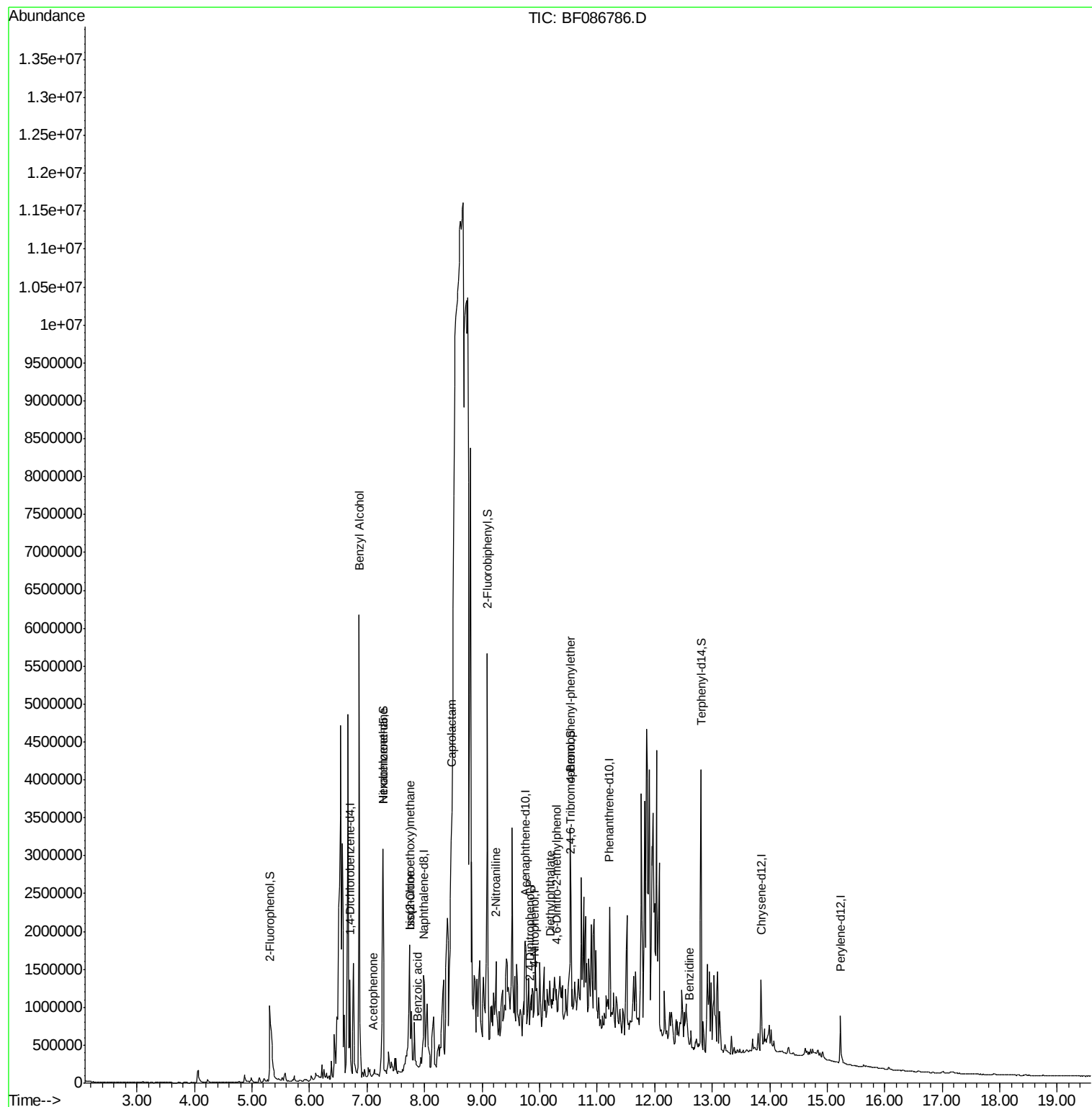
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175675	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	659543	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	303958	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	472891	40.00	ng	0.00
75) Chrysene-d12	13.85	240	327661	40.00	ng	0.00
86) Perylene-d12	15.23	264	303647	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	671737	63.30	ng	0.01
7) Phenol-d6	6.37	99	25470	1.78	ng	0.00
23) Nitrobenzene-d5	7.28	82	1136525	88.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	391010	131.50	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1761212	94.98	ng	0.02
78) Terphenyl-d14	12.81	244	1229140	75.81	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	48789	5.28	ng	# 1
18) Hexachloroethane	7.28	117	95618	18.12	ng	# 8
22) Acetophenone	7.10	105	31696	2.06	ng	# 55
25) Isophorone	7.74	82	84015	3.52	ng	# 1
28) bis(2-Chloroethoxy)methane	7.74	93	31480	2.39	ng	# 1
32) Benzoic acid	7.87	122	7954	10.03	ng	# 50
35) Caprolactam	8.48	113	6509	2.35	ng	# 1
47) 2-Nitroaniline	9.24	65	19644	2.88	ng	# 20
53) 2,4-Dinitrophenol	9.82	184	3494	11.68	ng	# 1
55) 4-Nitrophenol	9.90	139	7254	2.25	ng	# 1
59) Diethylphthalate	10.18	149	49621	2.31	ng	# 73
64) 4,6-Dinitro-2-methylphenol	10.29	198	4433	7.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	23306	4.96	ng	# 1
76) Benzidine	12.60	184	2373	7.32	ng	# 1

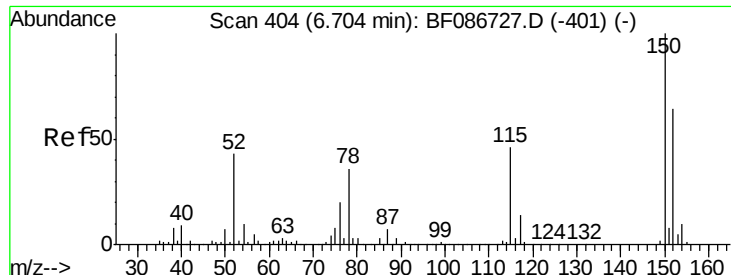
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

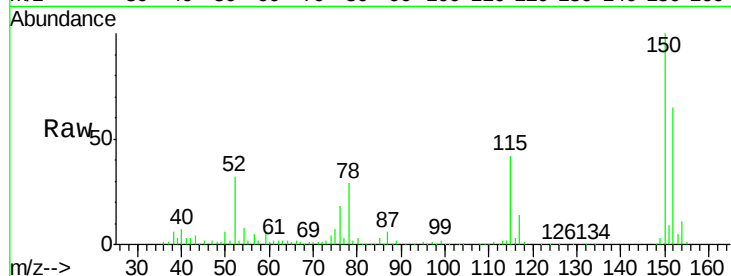
Tgt Ion:152 Resp: 175675

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

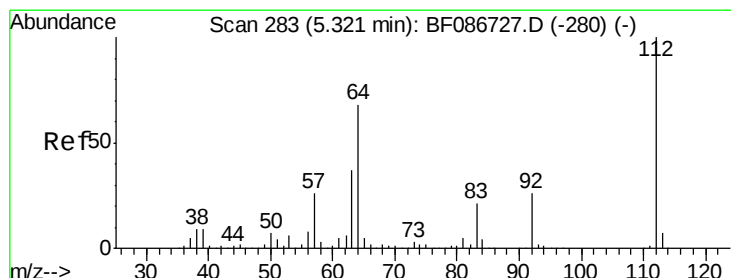
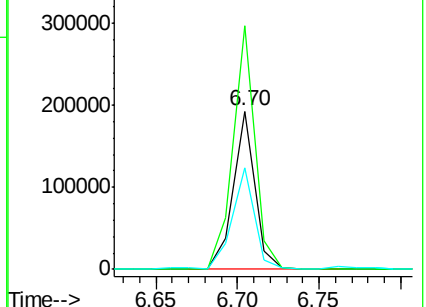
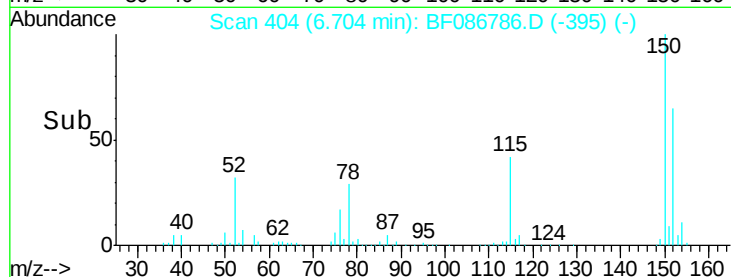
115 64.5 51.5 77.3



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: 63.30 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

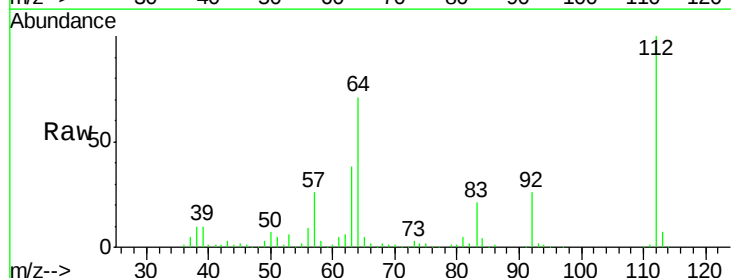
Tgt Ion:112 Resp: 671737

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

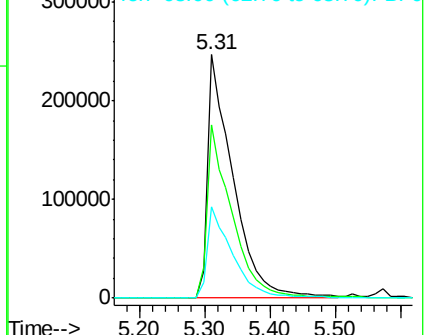
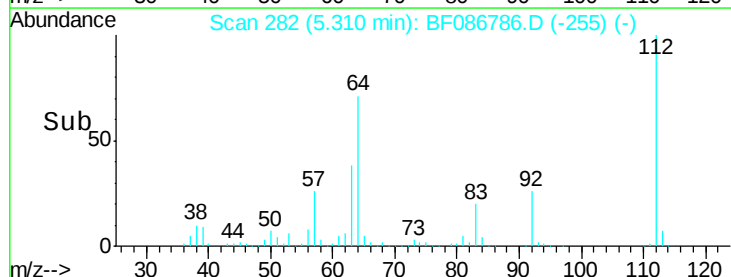
63 37.7 25.7 38.5

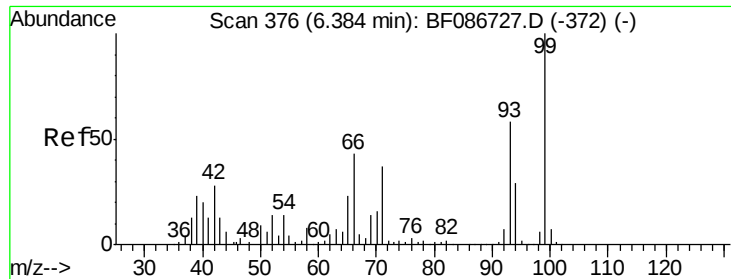


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.78 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampled :

DFTPP

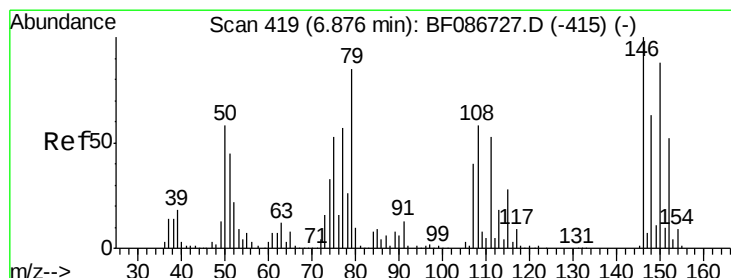
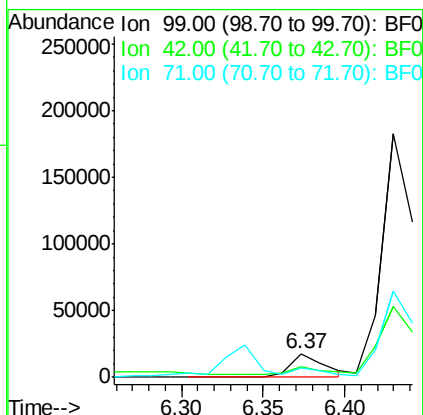
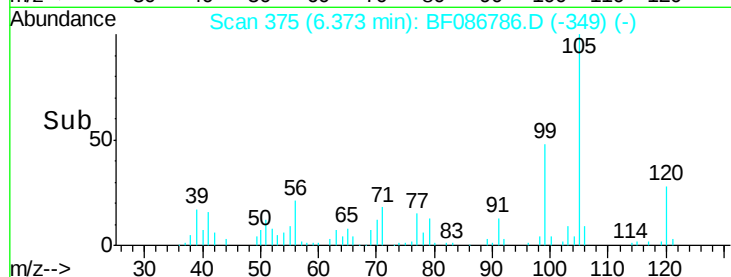
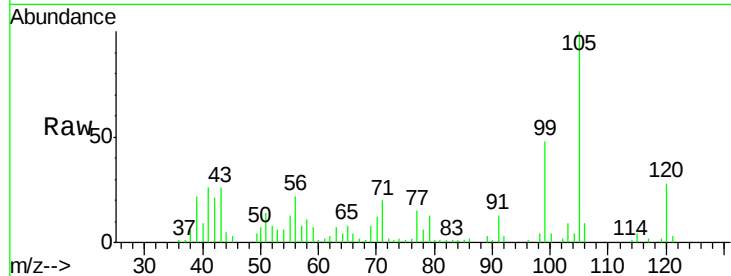
Tgt Ion: 99 Resp: 25470

Ion Ratio Lower Upper

99 100

42 44.7 13.6 20.4#

71 41.5 24.6 36.8#



#15

Benzyl Alcohol

Concen: 5.28 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

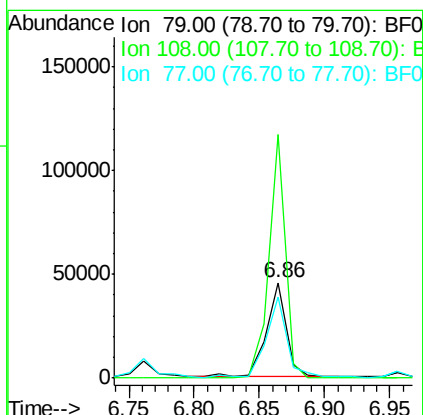
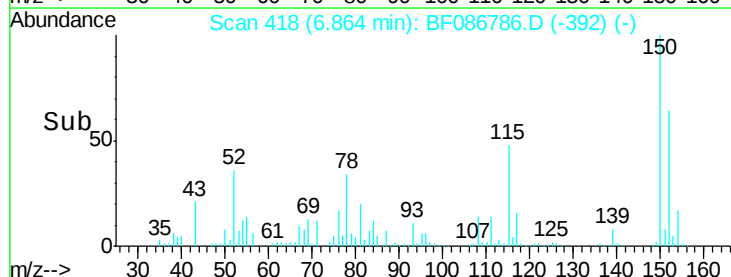
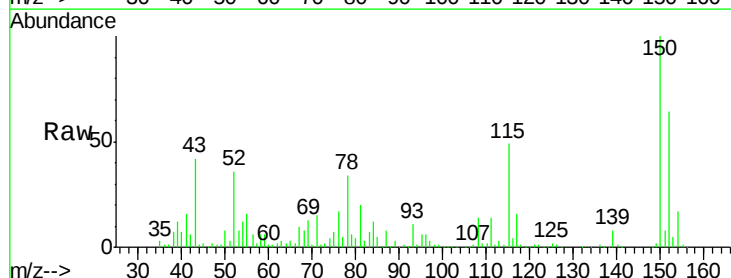
Tgt Ion: 79 Resp: 48789

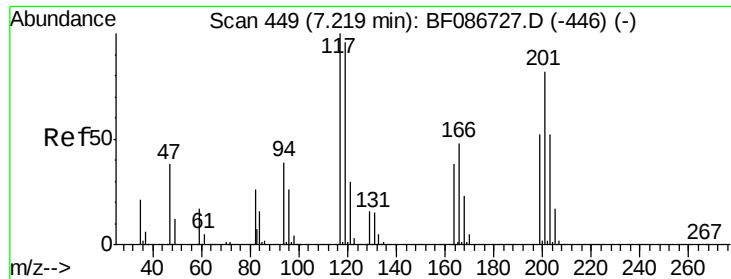
Ion Ratio Lower Upper

79 100

108 255.7 68.4 102.6#

77 85.7 50.6 76.0#





#18

Hexachloroethane

Concen: 18.12 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.06 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

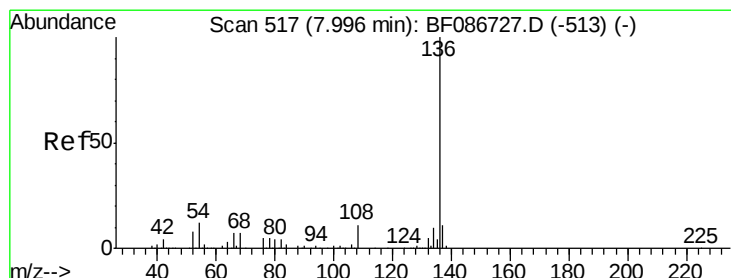
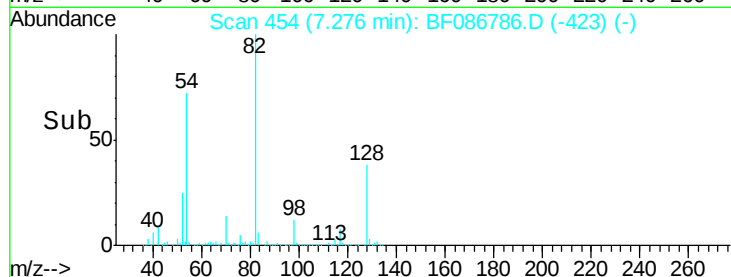
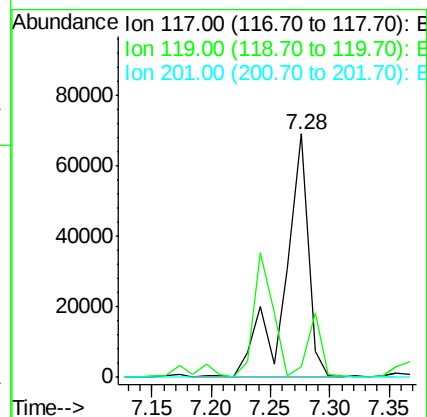
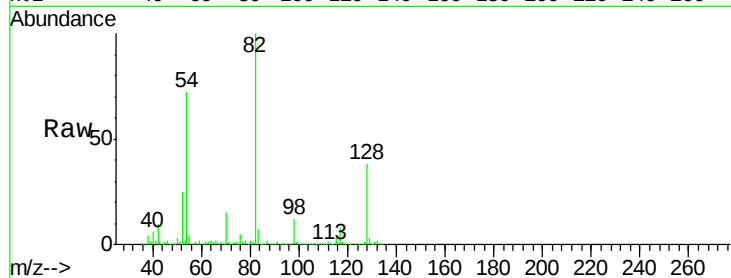
Tgt Ion:117 Resp: 95618

Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

201 0.0 63.0 94.6#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Tgt Ion:136 Resp: 659543

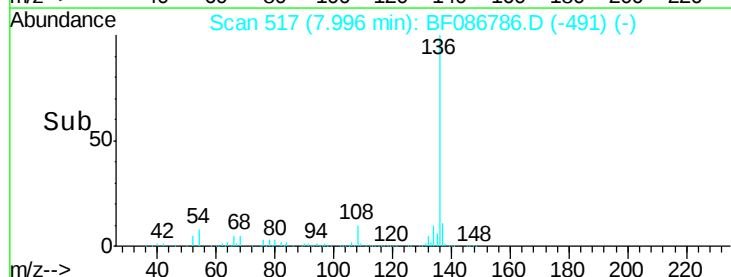
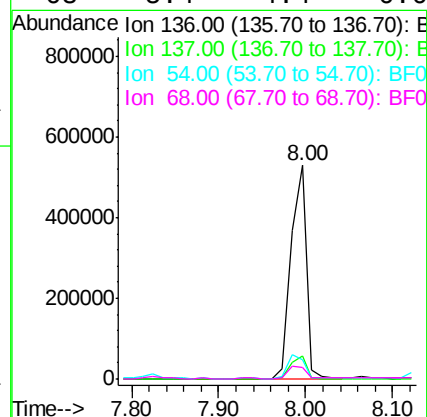
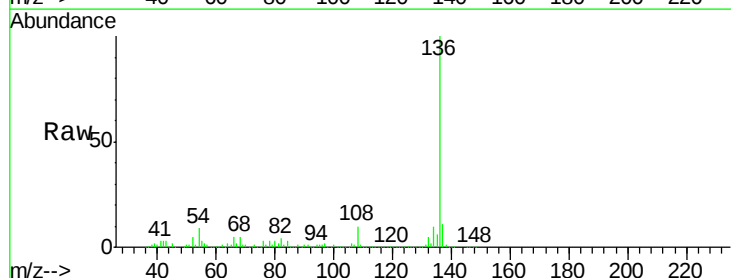
Ion Ratio Lower Upper

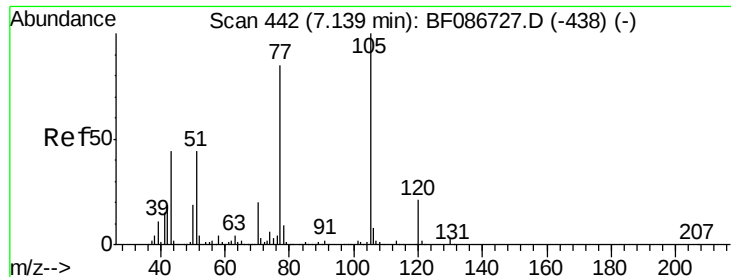
136 100

137 10.6 8.8 13.2

54 8.9 5.0 7.4#

68 5.4 4.4 6.6





#22

Acetophenone

Concen: 2.06 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:105 Resp: 31696

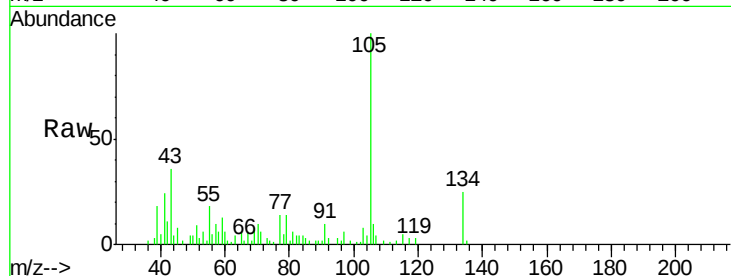
Ion Ratio Lower Upper

105 100

71 6.1 4.8 7.2

51 8.8 32.6 49.0#

120 0.0 16.5 24.7#

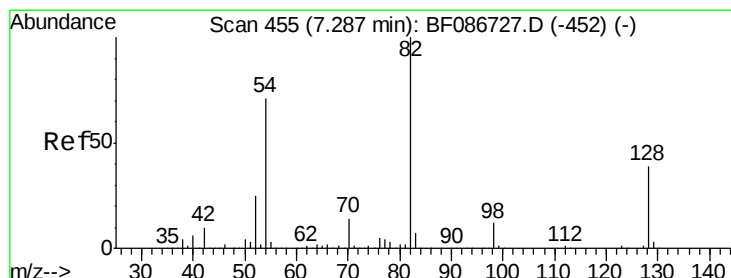
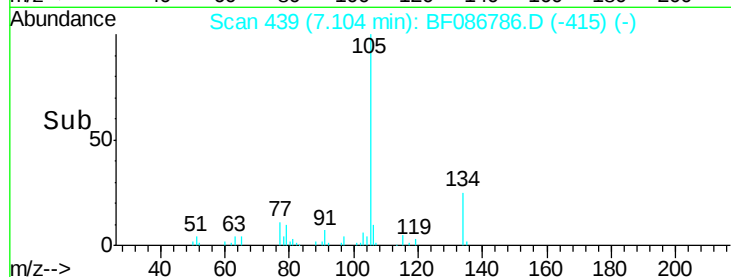
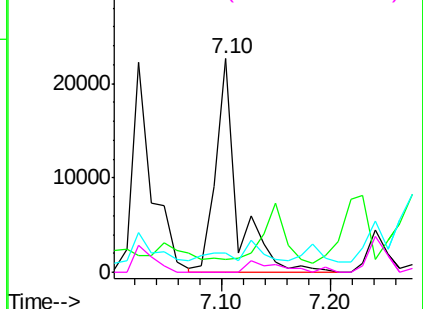


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.55 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

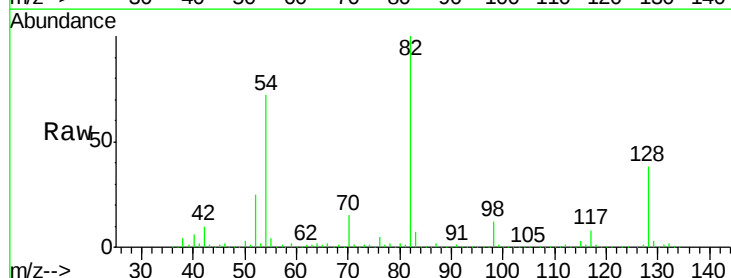
Tgt Ion: 82 Resp: 1136525

Ion Ratio Lower Upper

82 100

128 38.4 40.6 61.0#

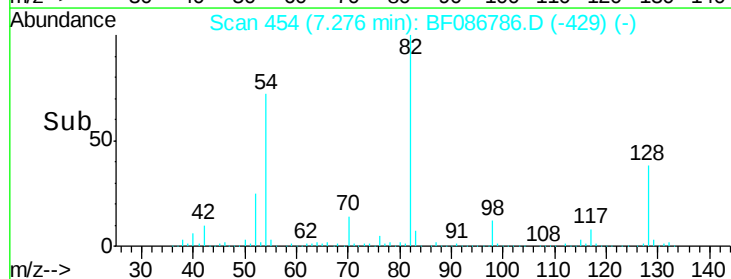
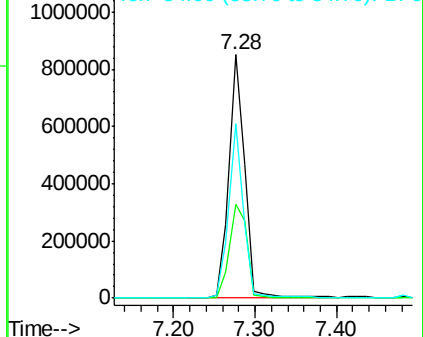
54 71.7 38.1 57.1#

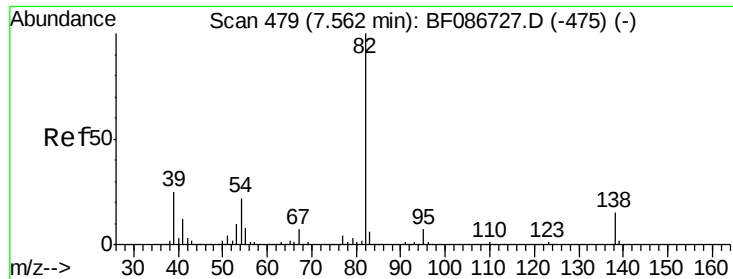


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

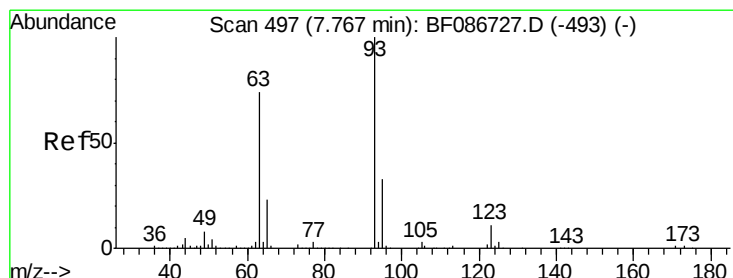
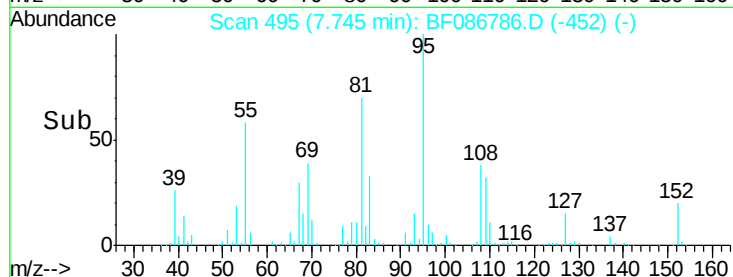
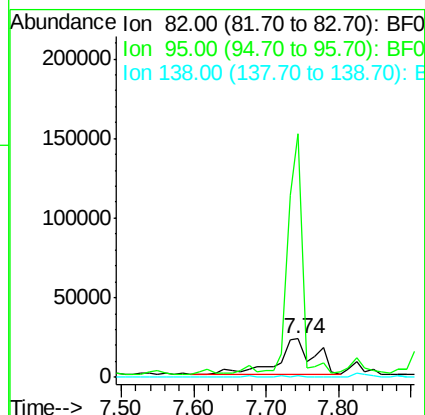
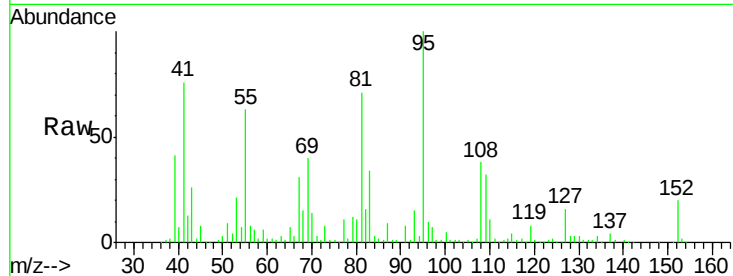




#25
Isophorone
Concen: 3.52 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.19 min
Lab File: BF086786.D
Acq: 7 May 2016 21:02

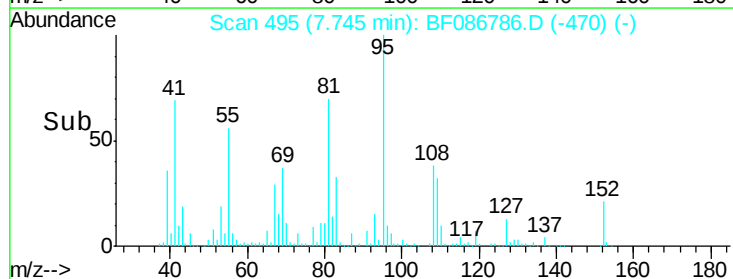
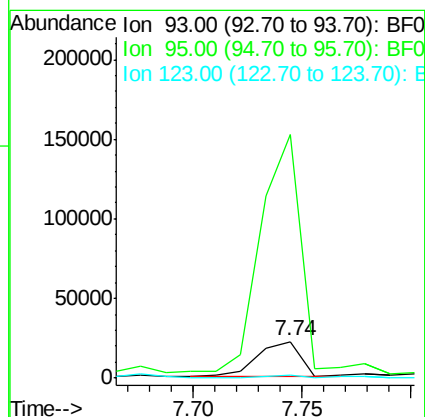
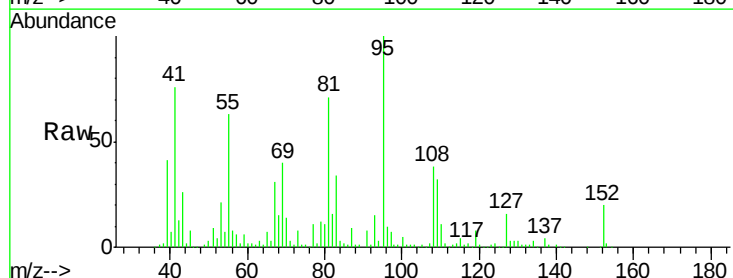
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DFTPP

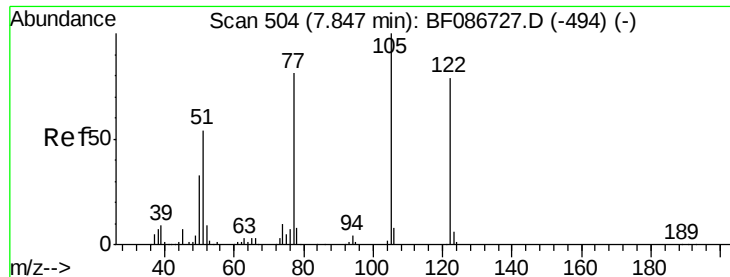
Tgt Ion: 82 Resp: 84015
Ion Ratio Lower Upper
82 100
95 631.8 5.1 7.7#
138 4.3 12.4 18.6#



#28
bis(2-Chloroethoxy)methane
Concen: 2.39 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF086786.D
Acq: 7 May 2016 21:02

Tgt Ion: 93 Resp: 31480
Ion Ratio Lower Upper
93 100
95 669.2 26.0 39.0#
123 8.8 9.5 14.3#

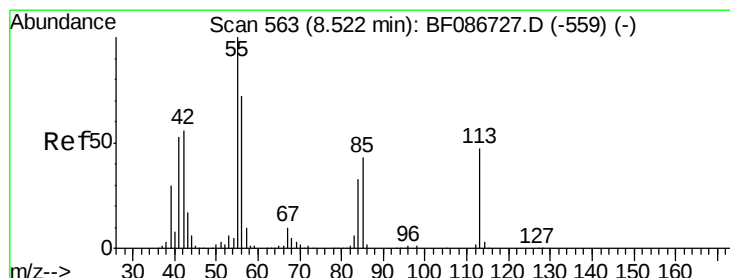
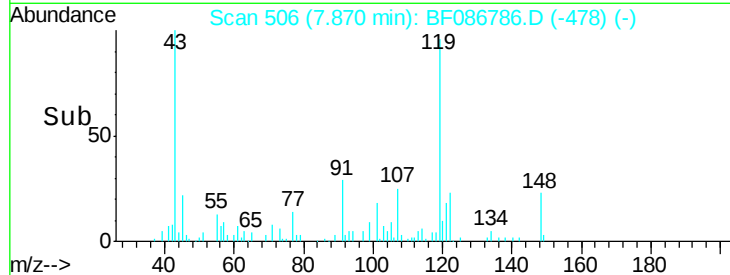
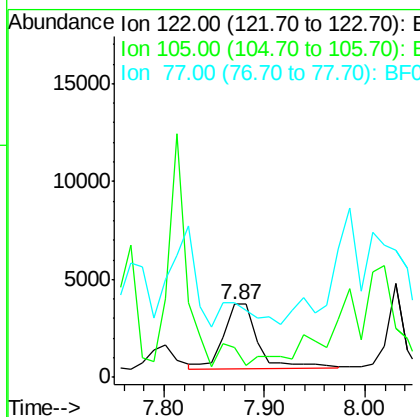
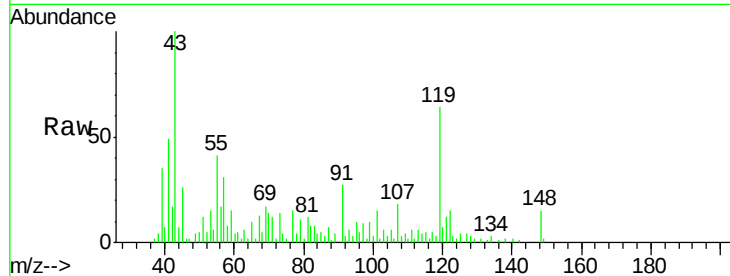




#32
Benzoic acid
Concen: 10.03 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.02 min
Lab File: BF086786.D
Acq: 7 May 2016 21:02

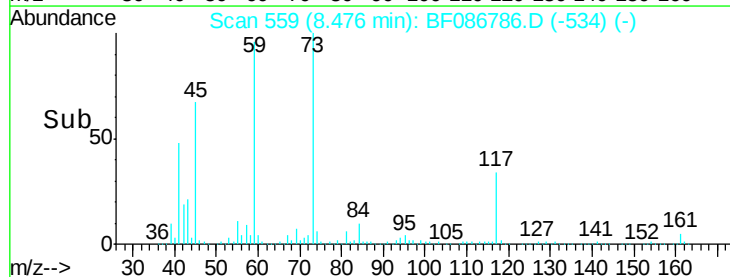
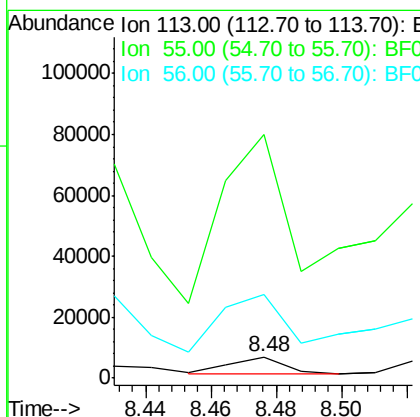
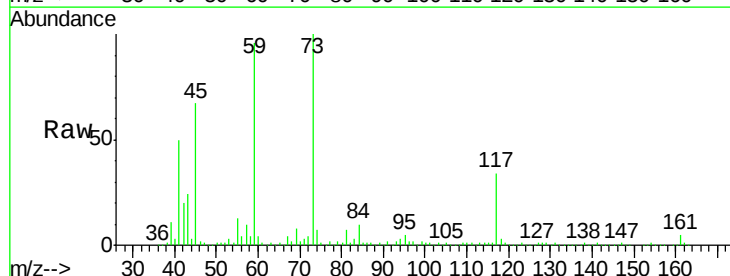
Instrument :
BNA_F
ClientSampleId :
DFTPP

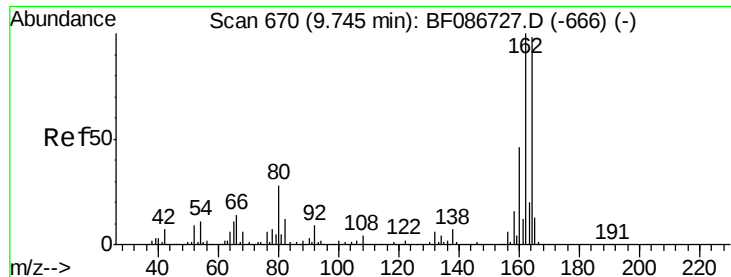
Tgt Ion:122 Resp: 7954
Ion Ratio Lower Upper
122 100
105 40.6 92.6 132.6#
77 101.7 60.0 100.0#



#35
Caprolactam
Concen: 2.35 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF086786.D
Acq: 7 May 2016 21:02

Tgt Ion:113 Resp: 6509
Ion Ratio Lower Upper
113 100
55 1134.6 162.0 202.0#
56 391.1 115.3 155.3#





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

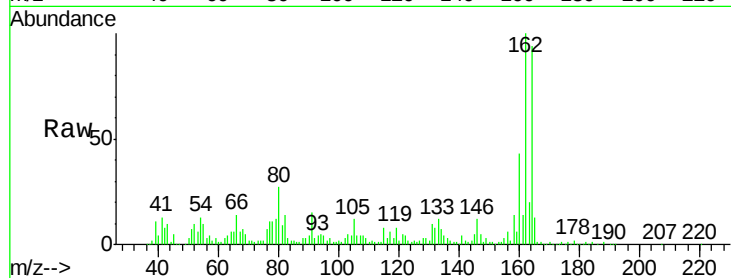
Tgt Ion:164 Resp: 303958

Ion Ratio Lower Upper

164 100

162 106.3 82.8 124.2

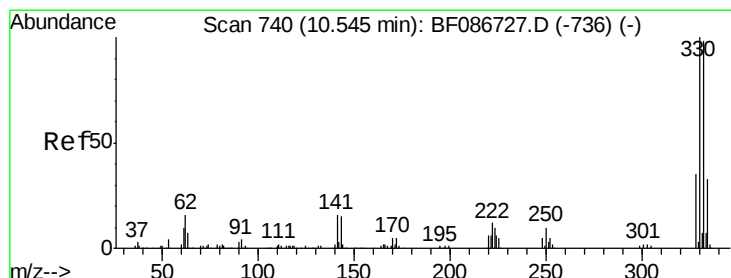
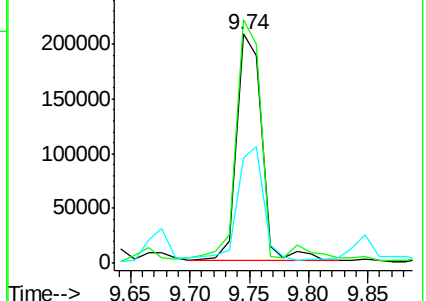
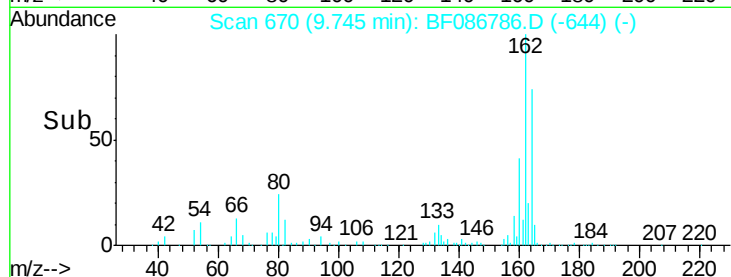
160 46.2 36.9 55.3



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: 131.50 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

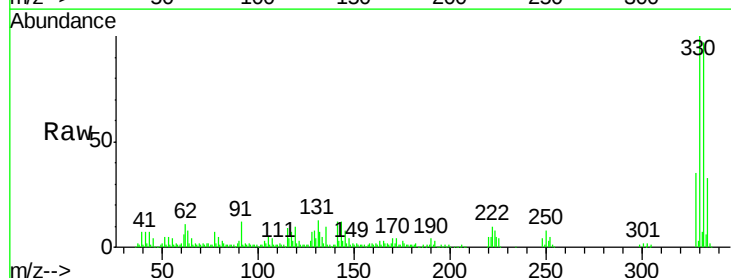
Tgt Ion:330 Resp: 391010

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

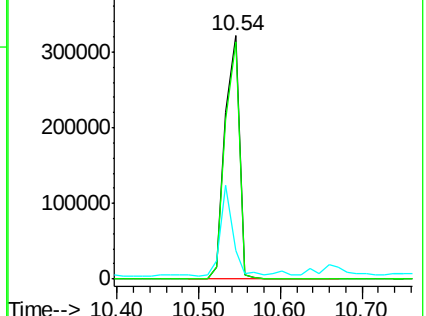
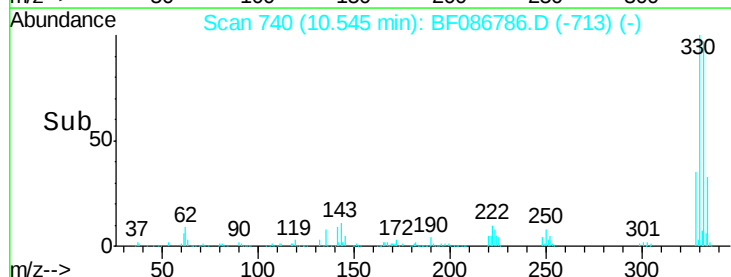
141 32.1 31.2 46.8

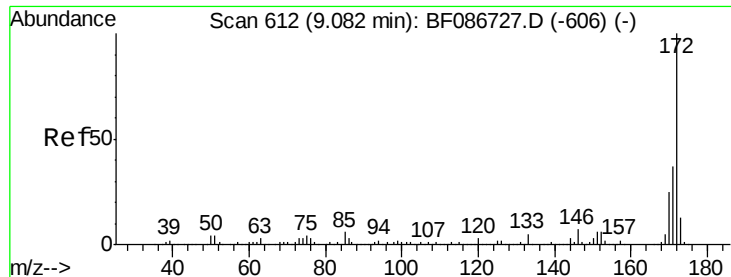


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

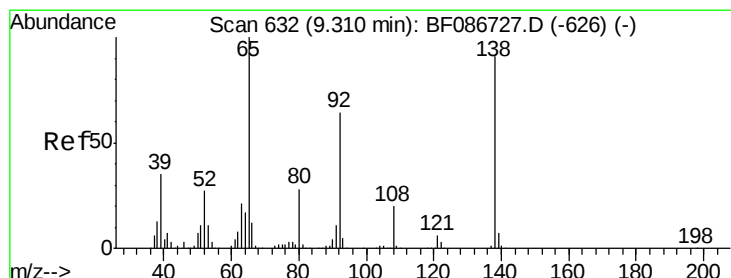
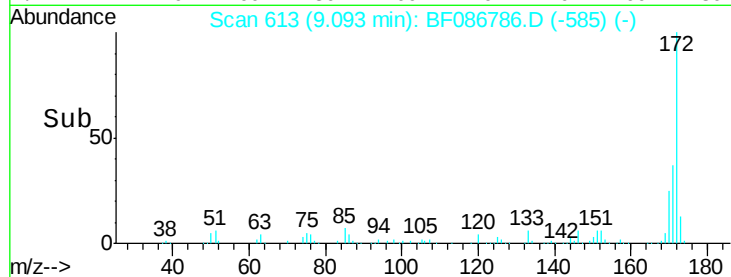
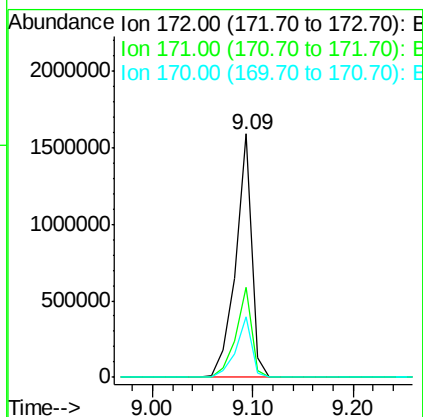
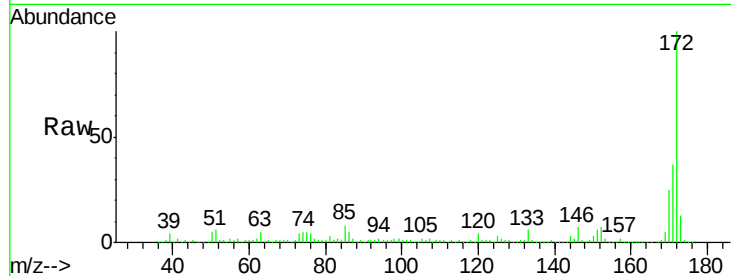




#44
 2-Fluorobiphenyl
 Concen: 94.98 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: BF086786.D
 Acq: 7 May 2016 21:02

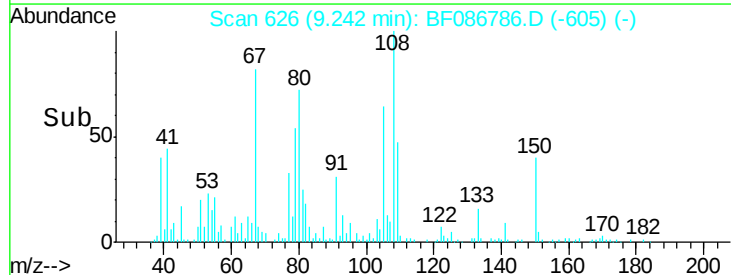
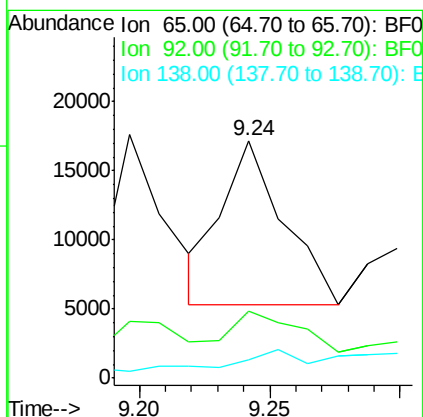
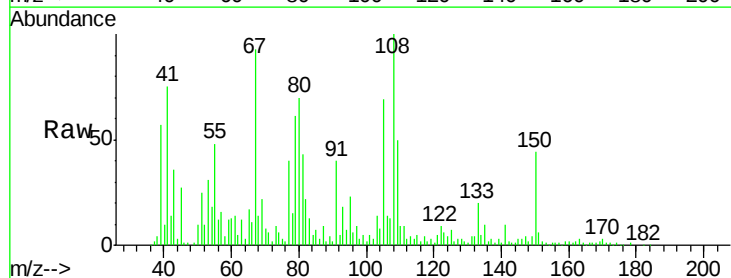
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

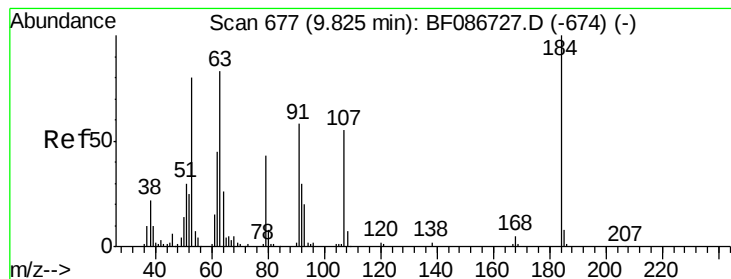
Tgt Ion: 172 Resp: 1761212
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.0 19.8 29.8



#47
 2-Nitroaniline
 Concen: 2.88 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.06 min
 Lab File: BF086786.D
 Acq: 7 May 2016 21:02

Tgt Ion: 65 Resp: 19644
 Ion Ratio Lower Upper
 65 100
 92 28.4 57.4 86.2#
 138 7.7 90.1 135.1#





#53

2,4-Dinitrophenol

Concen: 11.68 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

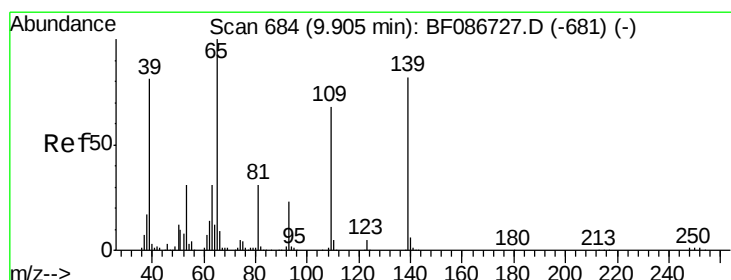
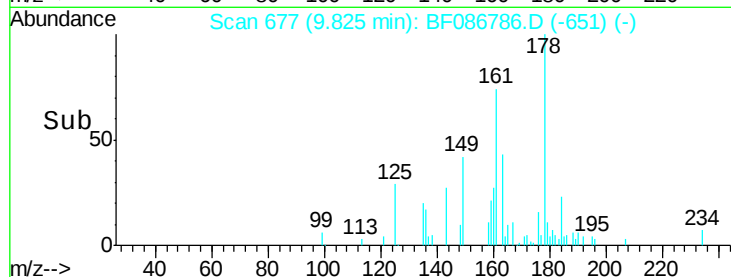
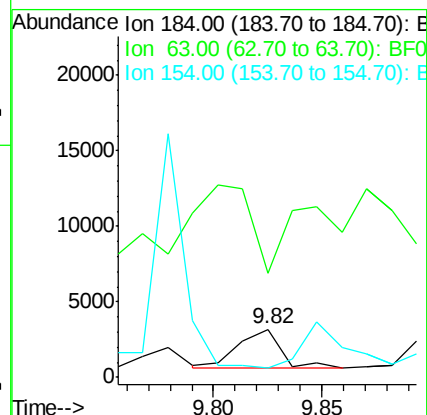
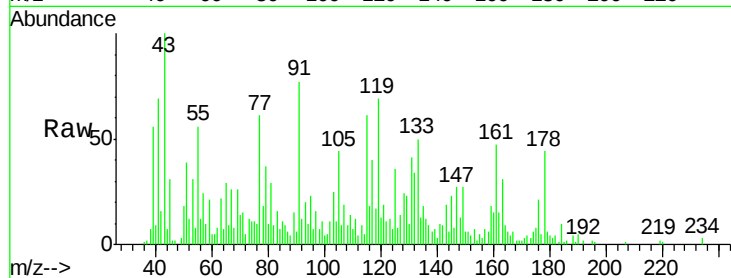
Tgt Ion:184 Resp: 3494

Ion Ratio Lower Upper

184 100

63 214.0 55.8 83.8#

154 19.0 62.4 93.6#



#55

4-Nitrophenol

Concen: 2.25 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

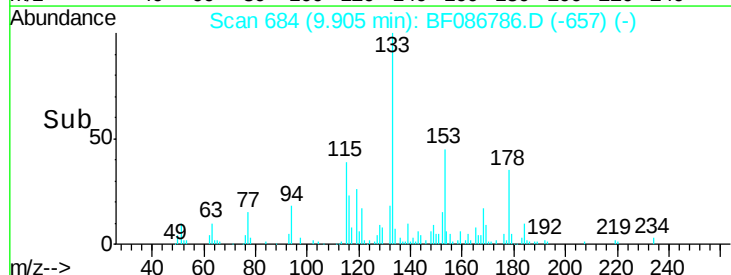
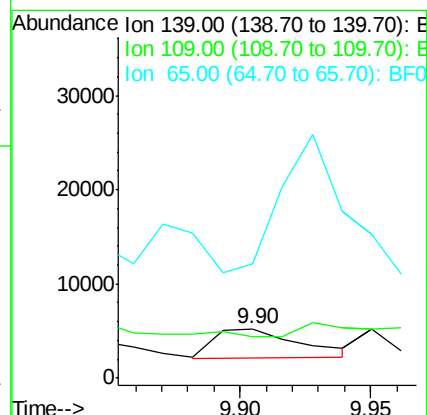
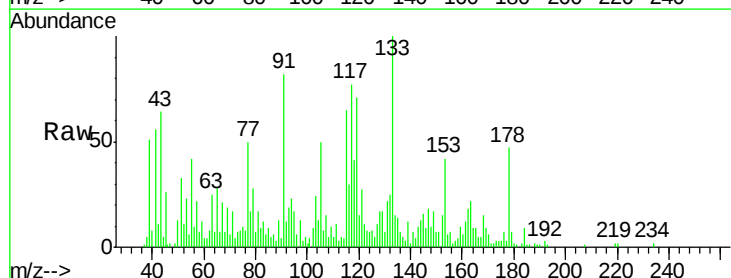
Tgt Ion:139 Resp: 7254

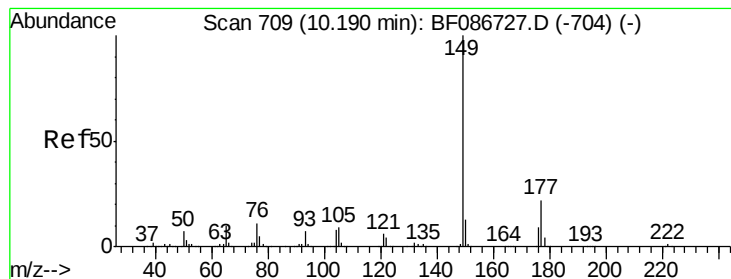
Ion Ratio Lower Upper

139 100

109 83.5 36.9 76.9#

65 231.9 64.0 104.0#





#59

Diethylphthalate

Concen: 2.31 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

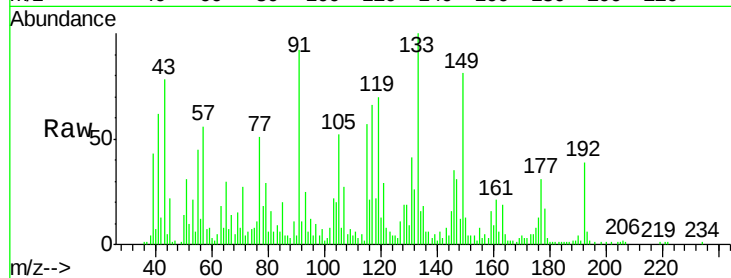
Tgt Ion:149 Resp: 49621

Ion Ratio Lower Upper

149 100

177 38.1 16.6 24.8#

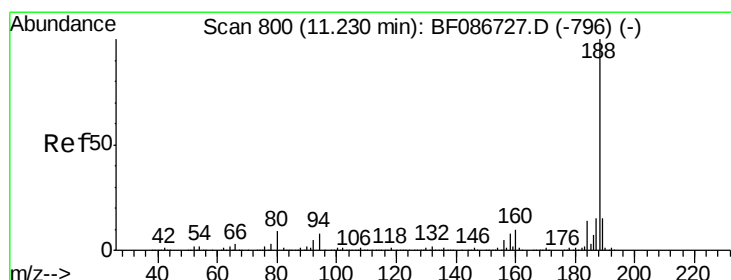
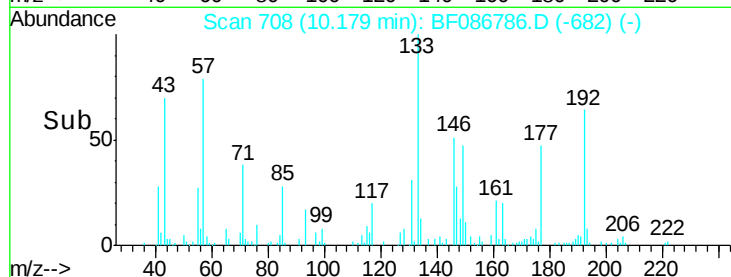
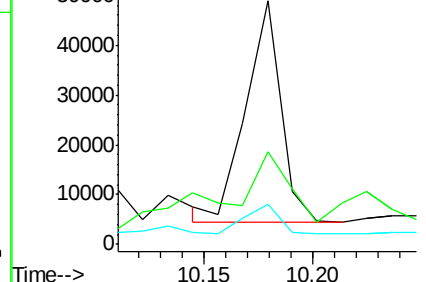
150 16.3 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

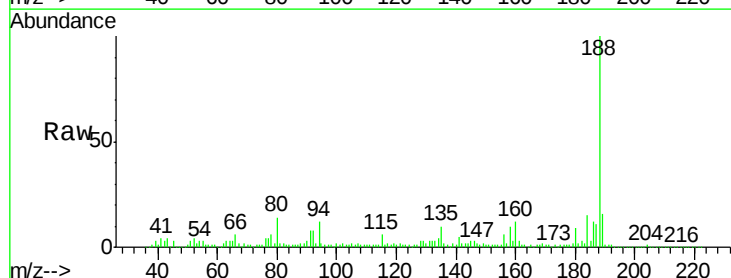
Tgt Ion:188 Resp: 472891

Ion Ratio Lower Upper

188 100

94 12.5 6.8 10.2#

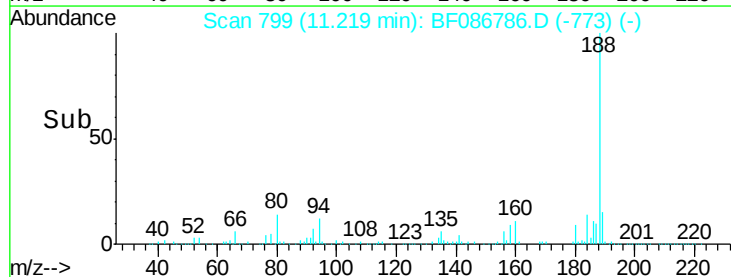
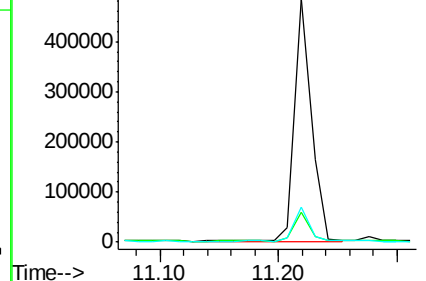
80 14.2 7.1 10.7#

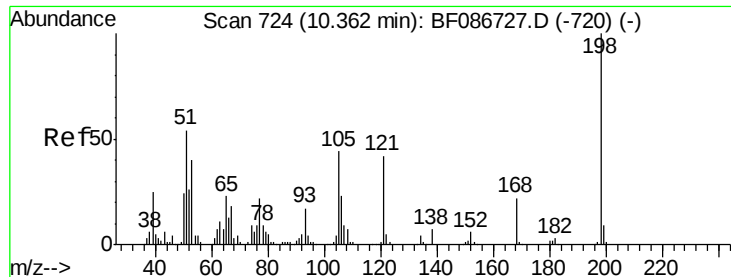


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 7.30 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

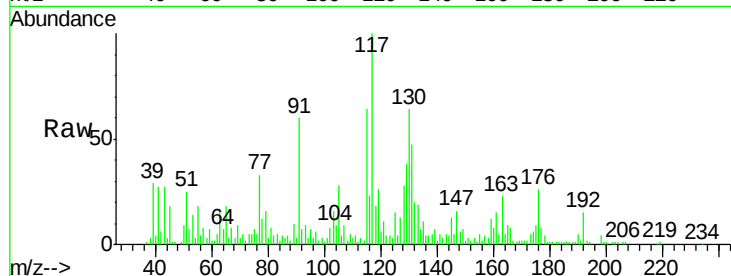
Tgt Ion:198 Resp: 4433

Ion Ratio Lower Upper

198 100

51 602.4 20.5 60.5#

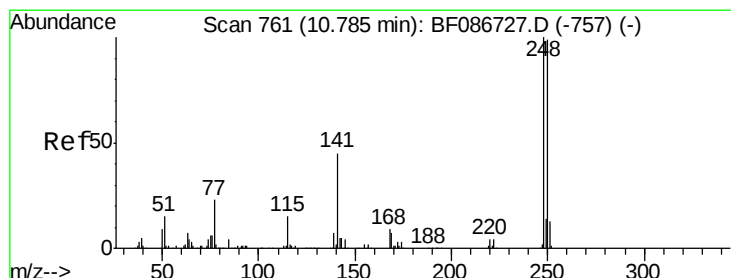
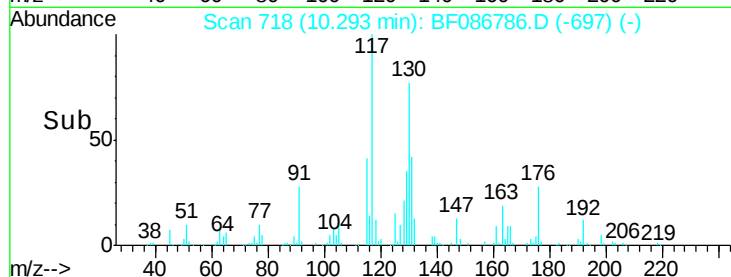
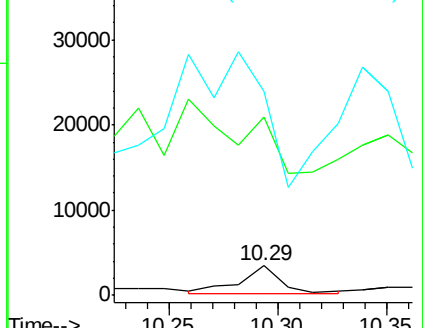
105 688.5 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.96 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

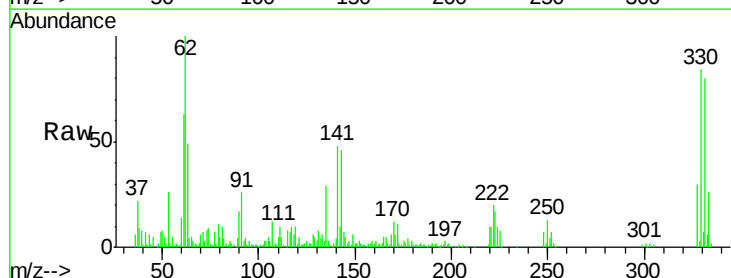
Tgt Ion:248 Resp: 23306

Ion Ratio Lower Upper

248 100

250 187.4 78.6 117.8#

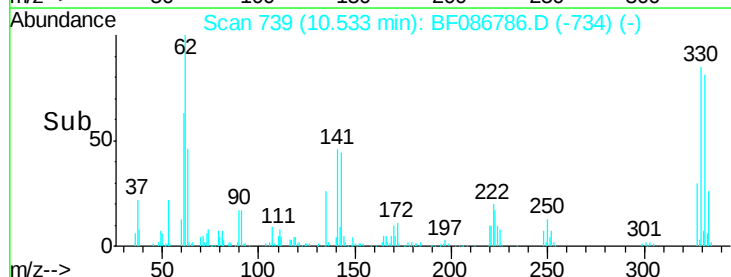
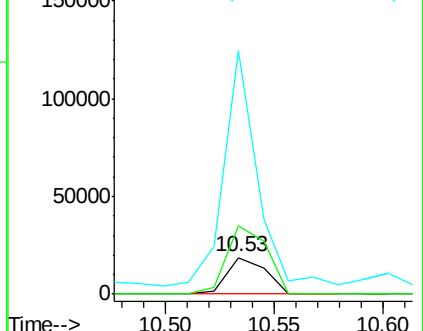
141 670.4 76.0 114.0#

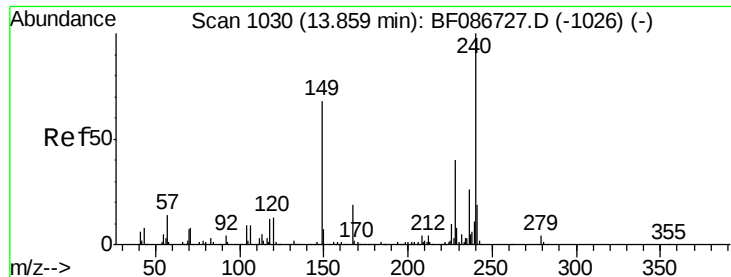


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampled :

DFTPP

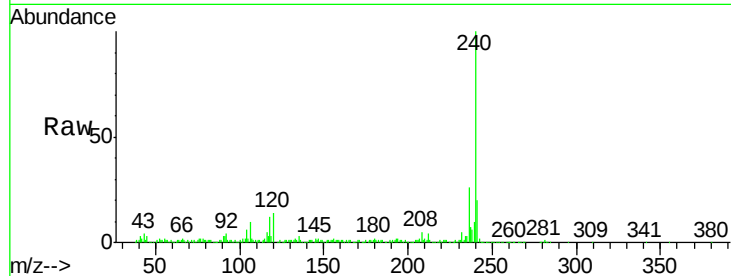
Tgt Ion:240 Resp: 327661

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

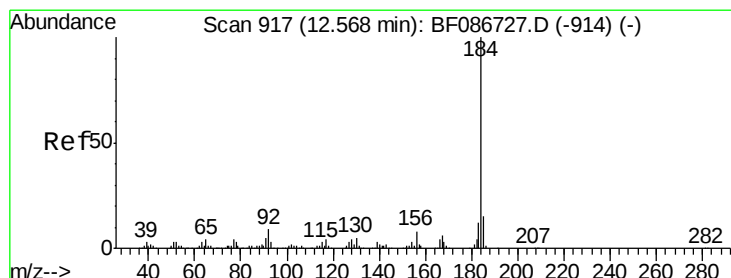
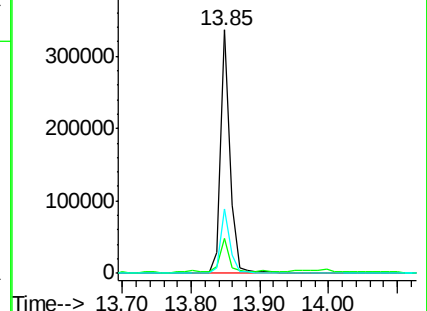
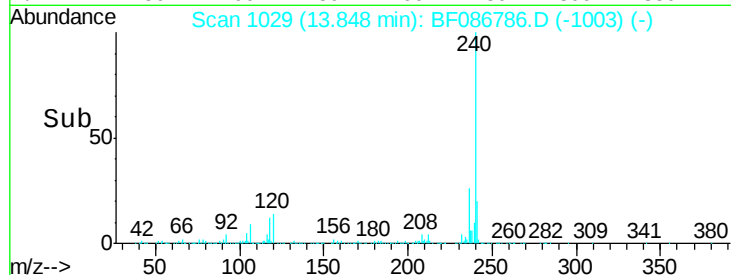
236 26.3 21.2 31.8



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: 7.32 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

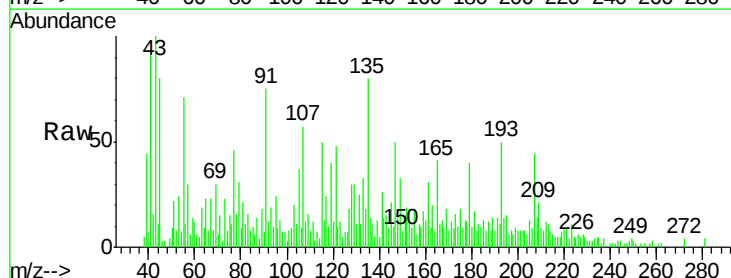
Tgt Ion:184 Resp: 2373

Ion Ratio Lower Upper

184 100

185 138.5 13.6 20.4#

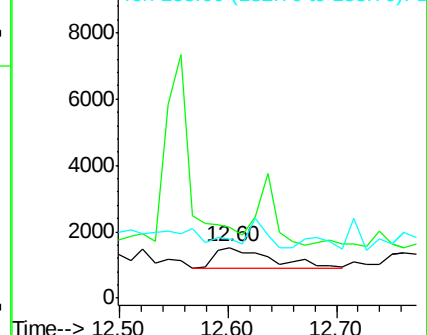
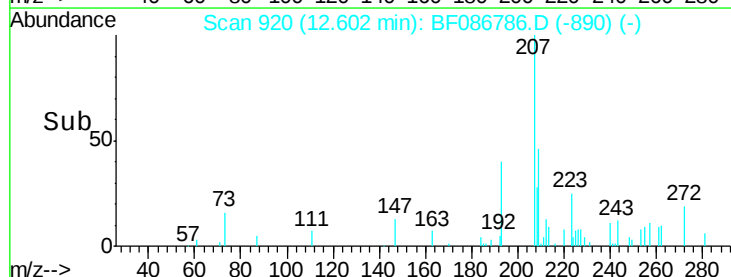
183 117.5 9.8 14.6#

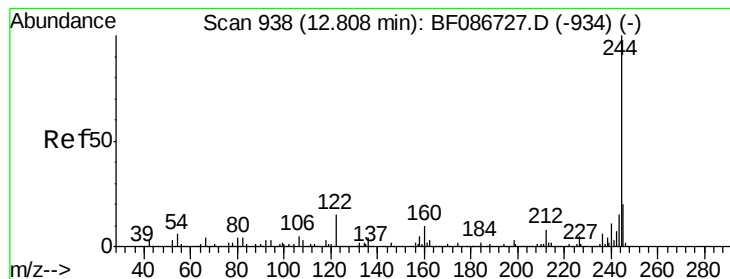


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 75.81 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

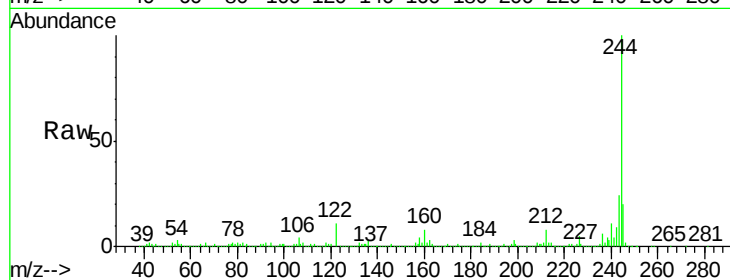
Tgt Ion:244 Resp: 1229140

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

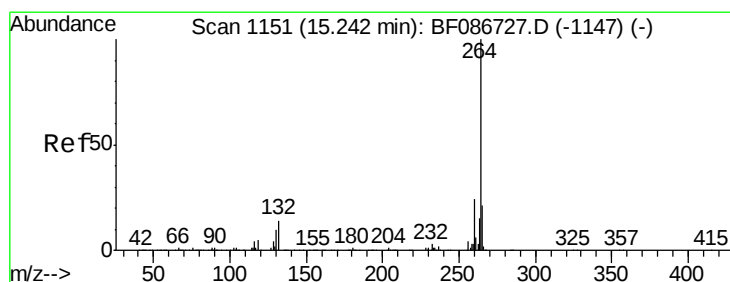
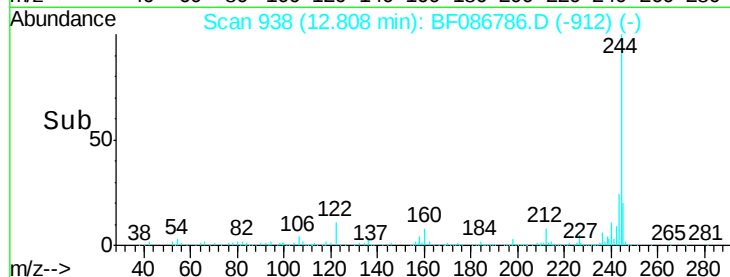
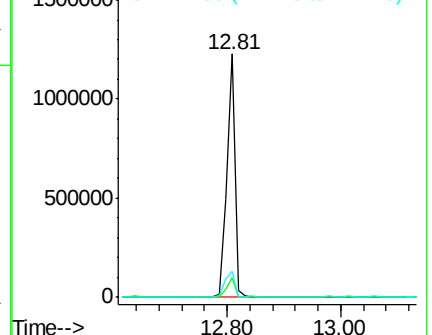
122 10.7 12.0 18.0#



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF086786.D

Acq: 7 May 2016 21:02

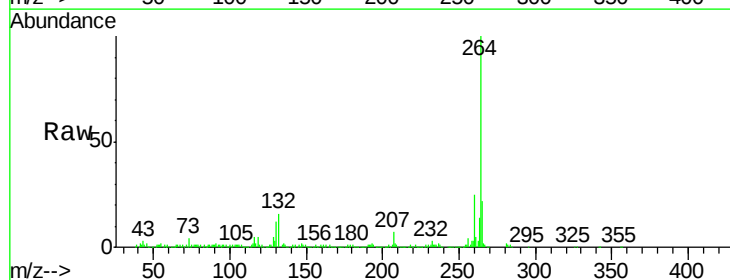
Tgt Ion:264 Resp: 303647

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 17.3 25.9



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

