

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086711.D
 Acq On : 5 May 2016 15:55
 Operator : UM/SJ
 Sample : H2762-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMPRES

Quant Time: May 06 01:13:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190767	40.00	ng	-0.01
21) Naphthalene-d8	8.02	136	676183	40.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	154020	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	424667	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	64041	40.00	ng	-0.01
86) Perylene-d12	15.25	264	2319	40.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1264111	109.70	ng	0.01
7) Phenol-d6	6.37	99	991552	63.88	ng	0.00
23) Nitrobenzene-d5	7.30	82	1380926	104.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	525907	349.05	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	2131586	226.86	ng	-0.01
78) Terphenyl-d14	12.83	244	965184	304.59	ng	-0.01

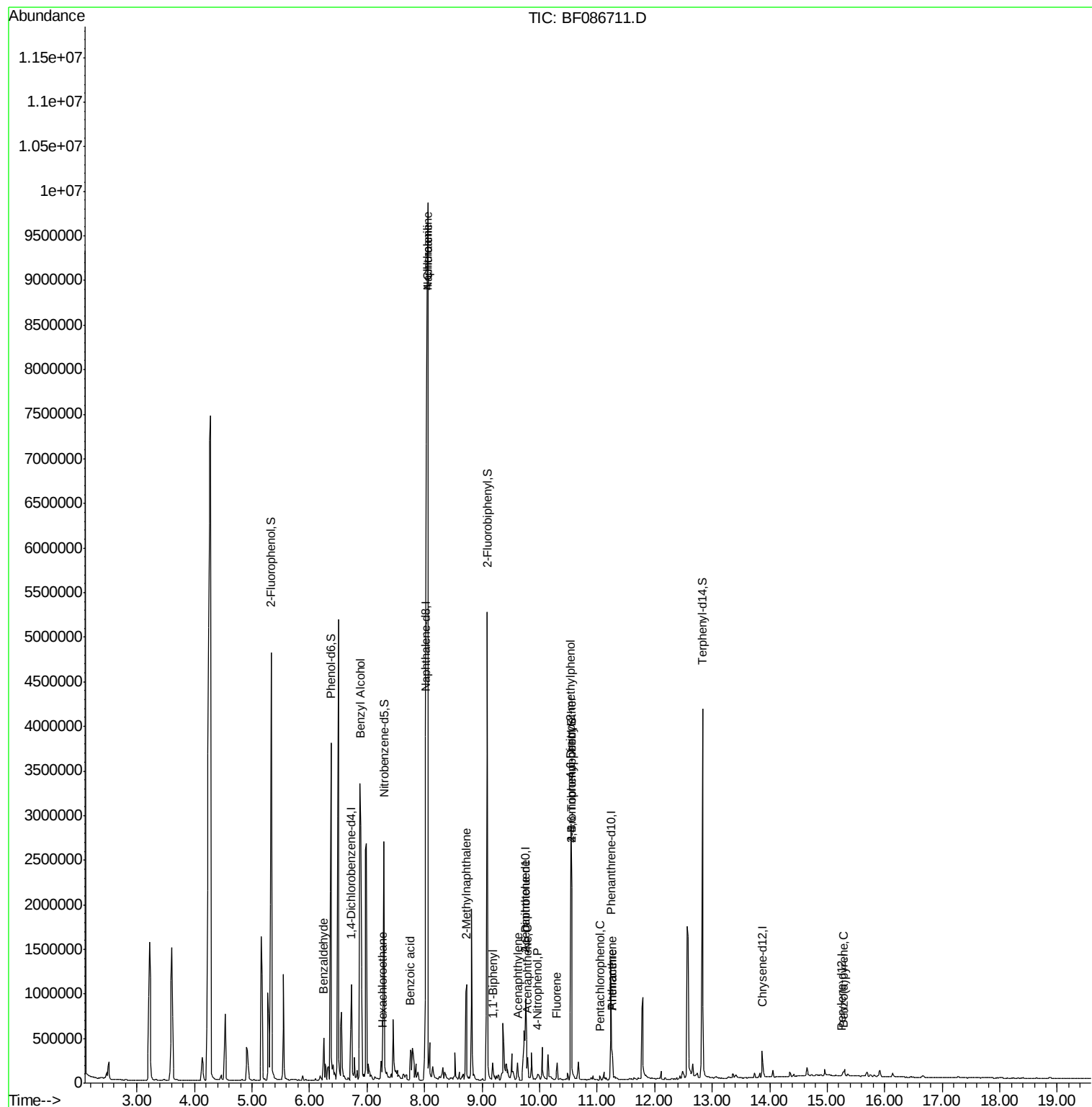
Target Compounds						Qvalue
9) Benzaldehyde	6.25	77	34174	4.41	ng	# 1
15) Benzyl Alcohol	6.88	79	23142	2.30	ng	# 40
18) Hexachloroethane	7.26	117	16868	2.94	ng	# 11
31) Naphthalene	8.05	128	8330820	241.15	ng	# 93
32) Benzoic acid	7.76	122	13060	11.01	ng	# 24
33) 4-Chloroaniline	8.05	127	1305705	97.56	ng	# 37
37) 2-Methylnaphthalene	8.73	142	446991	21.93	ng	100
45) 1,1'-Biphenyl	9.18	154	68309	5.42	ng	97
48) Acenaphthylene	9.62	152	70341	4.88	ng	97
50) 2,6-Dinitrotoluene	9.76	165	20847	8.46	ng	# 27
51) Acenaphthene	9.79	154	53647	5.64	ng	98
55) 4-Nitrophenol	9.96	139	7451	4.56	ng	# 18
57) Fluorene	10.30	166	57537	6.02	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	1126	5.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	30469	7.22	ng	# 1
69) Pentachlorophenol	11.05	266	1705	6.45	ng	93
70) Phenanthrene	11.26	178	102768	4.51	ng	96
71) Anthracene	11.26	178	102768	4.30	ng	97
89) Benzo(a)pyrene	15.28	252	1178	9.18	ng	# 1

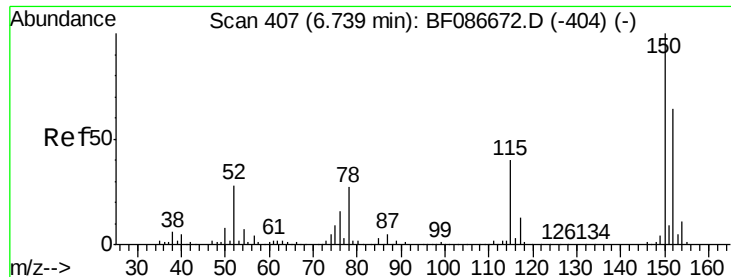
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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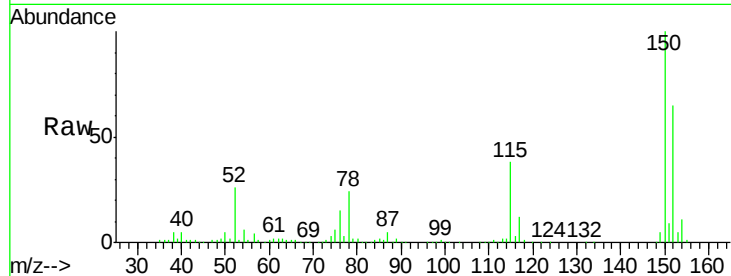


#1

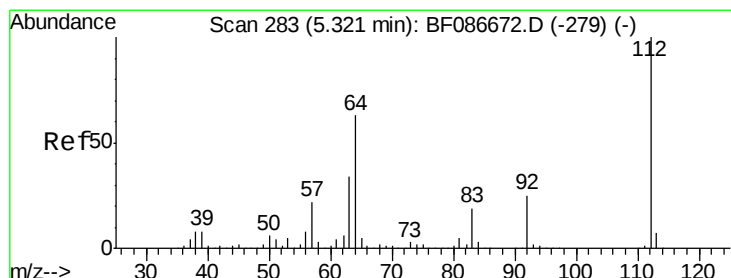
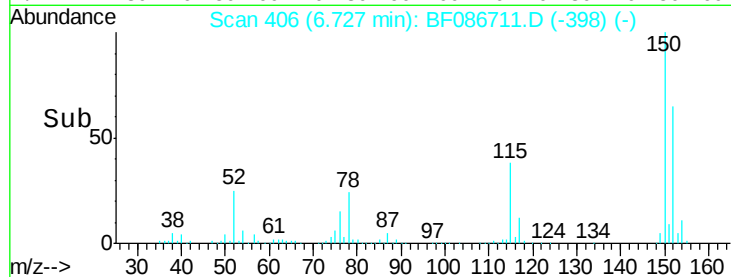
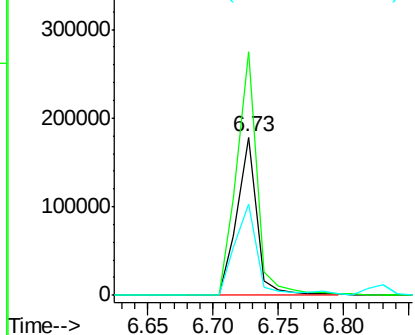
1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Tgt Ion:152 Resp: 190767
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.8 188.6
 115 58.2 51.5 77.3



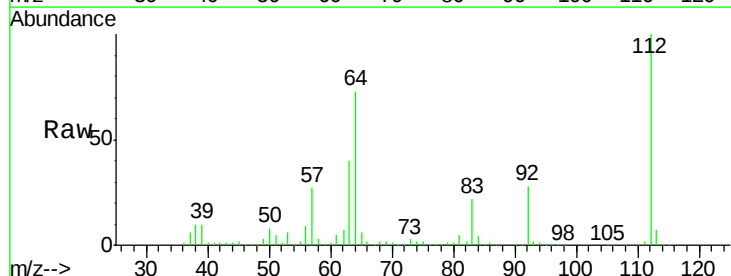
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



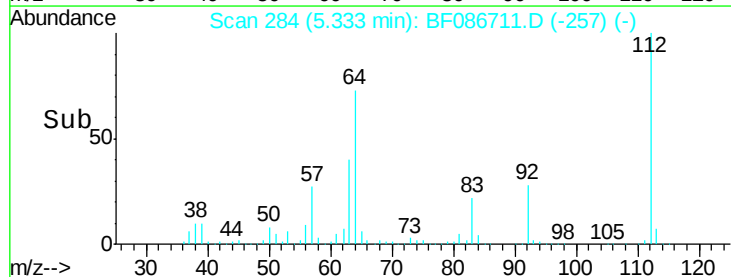
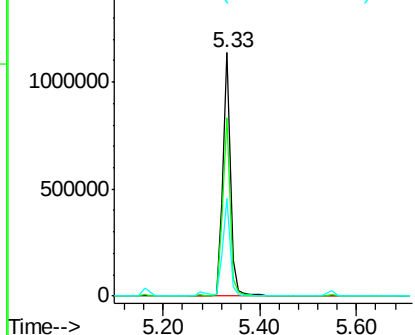
#5

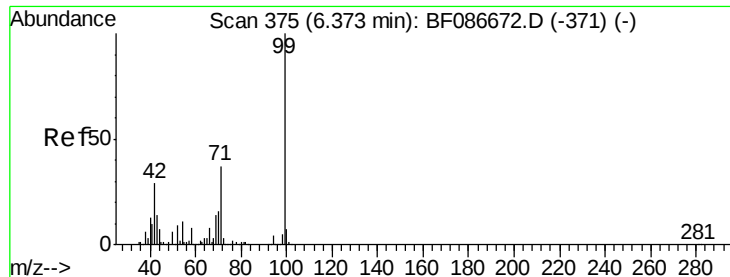
2-Fluorophenol
 Concen: 109.70 ng
 RT: 5.33 min Scan# 284
 Delta R.T. 0.01 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

Tgt Ion:112 Resp: 1264111
 Ion Ratio Lower Upper
 112 100
 64 73.4 52.1 78.1
 63 40.0 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: 63.88 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

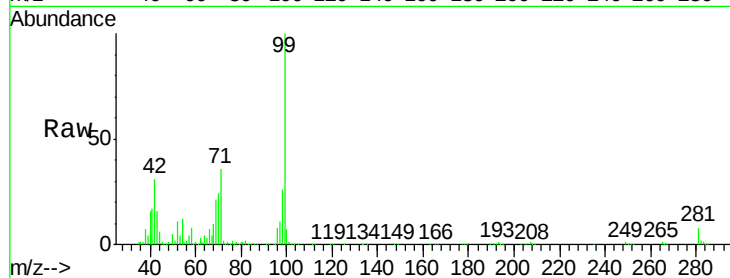
Tgt Ion: 99 Resp: 991552

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

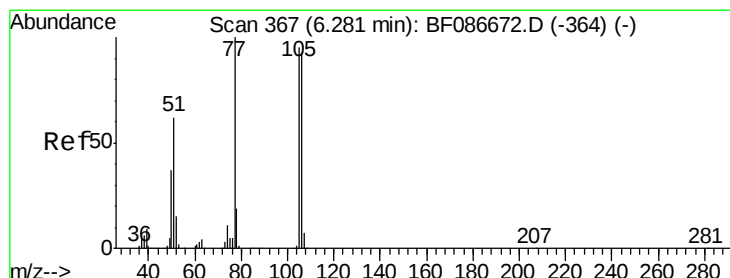
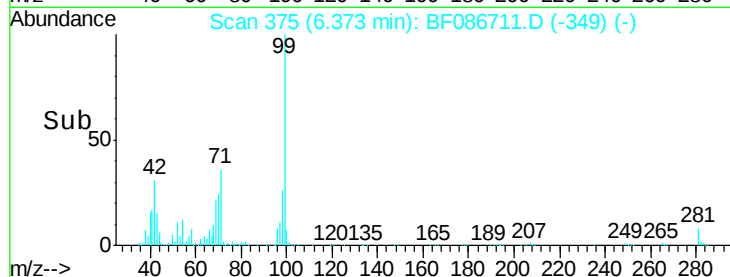
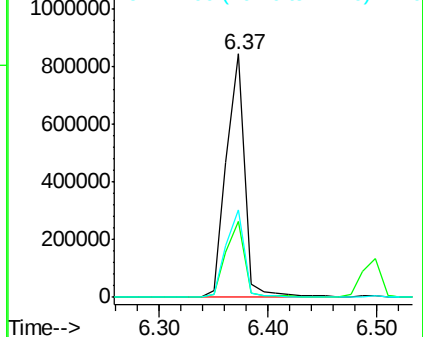
71 36.2 24.6 36.8



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: 4.41 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.03 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

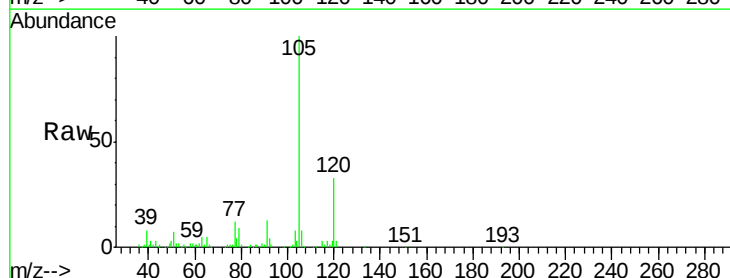
Tgt Ion: 77 Resp: 34174

Ion Ratio Lower Upper

77 100

105 833.8 72.7 112.7#

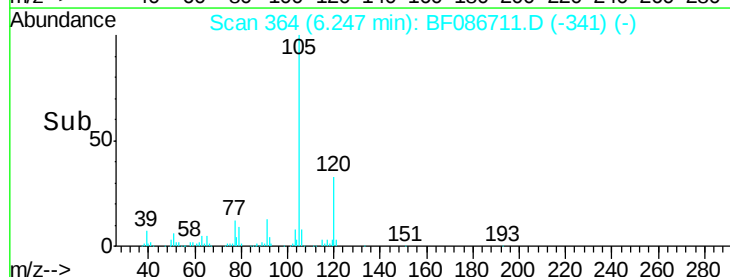
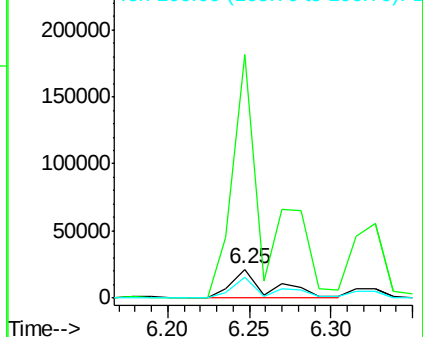
106 70.1 70.8 110.8#

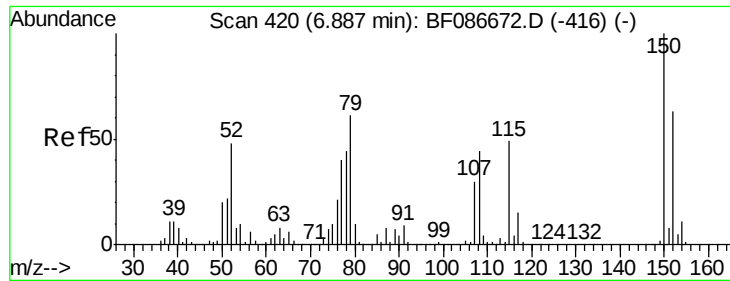


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

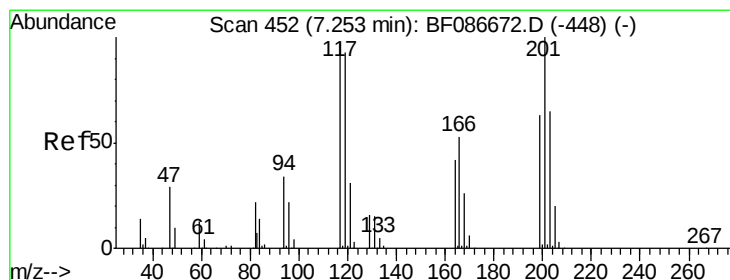
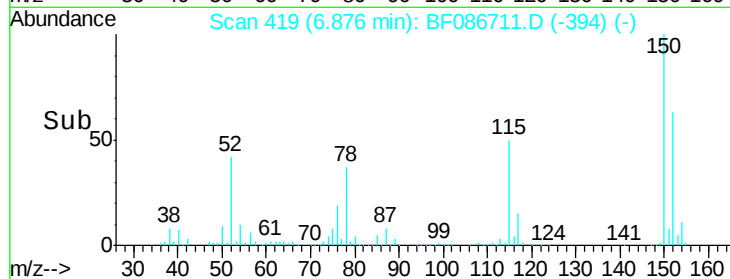
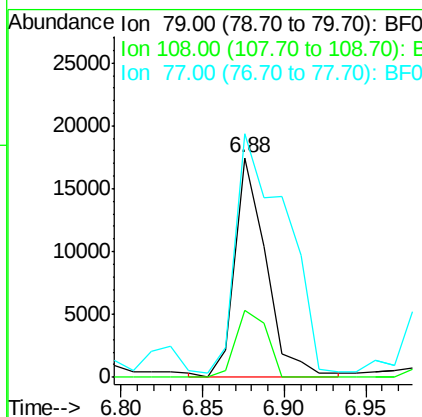
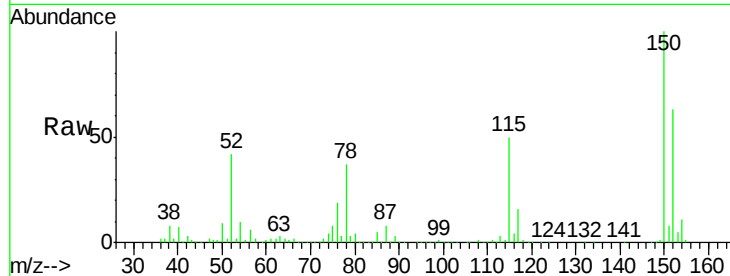




#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086711.D
Acq: 5 May 2016 15:55

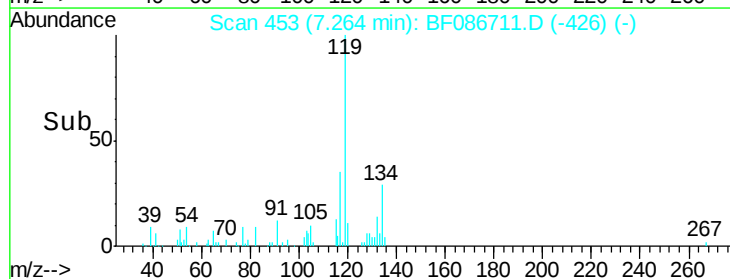
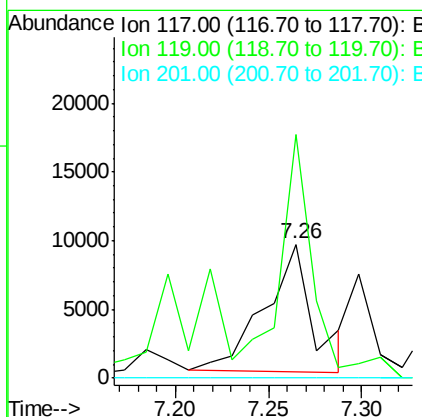
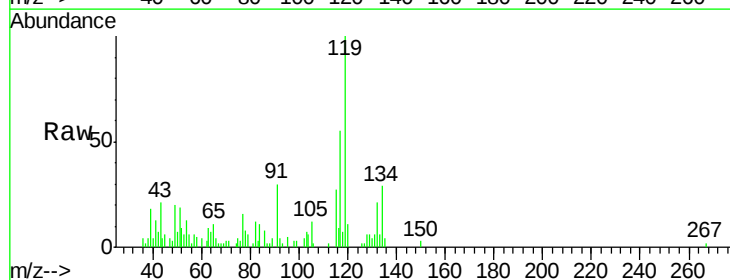
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

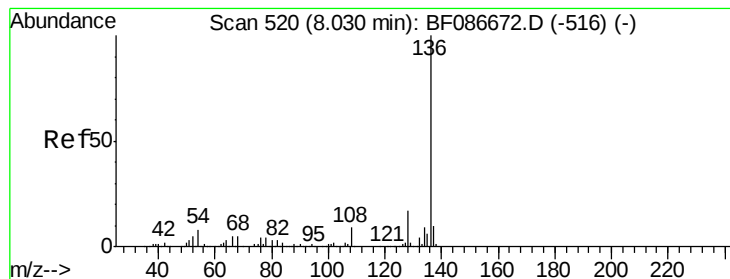
Tgt Ion: 79 Resp: 23142
Ion Ratio Lower Upper
79 100
108 30.5 68.4 102.6#
77 110.8 50.6 76.0#



#18
Hexachloroethane
Concen: 2.94 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086711.D
Acq: 5 May 2016 15:55

Tgt Ion: 117 Resp: 16868
Ion Ratio Lower Upper
117 100
119 182.1 76.5 114.7#
201 0.0 63.0 94.6#





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

Tgt Ion:136 Resp: 676183

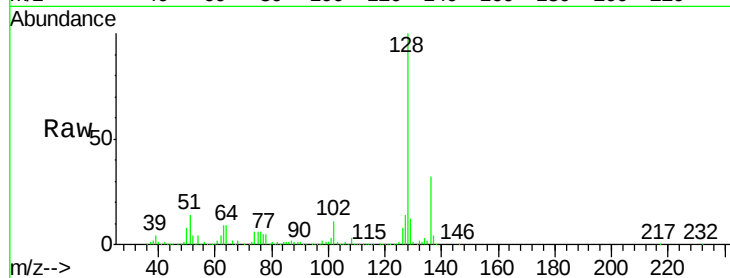
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.3 5.0 7.4#

68 6.2 4.4 6.6

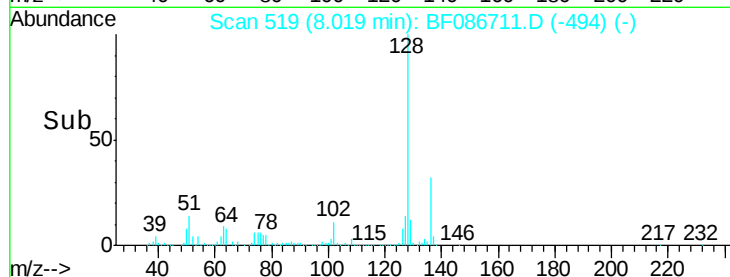


Abundance Ion 136.00 (135.70 to 136.70): E

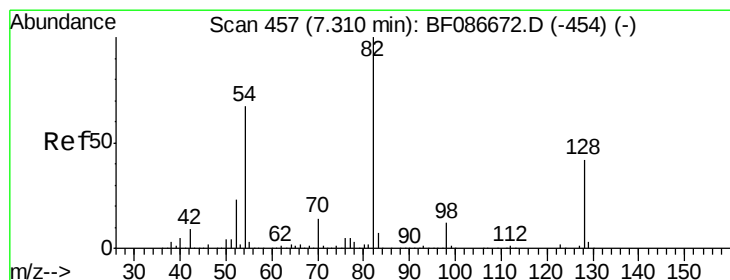
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 104.95 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

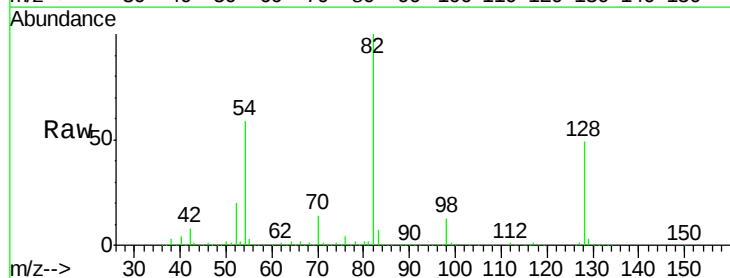
Tgt Ion: 82 Resp: 1380926

Ion Ratio Lower Upper

82 100

128 48.8 40.6 61.0

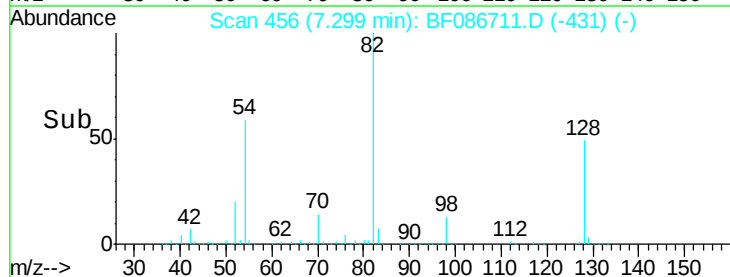
54 59.1 38.1 57.1#



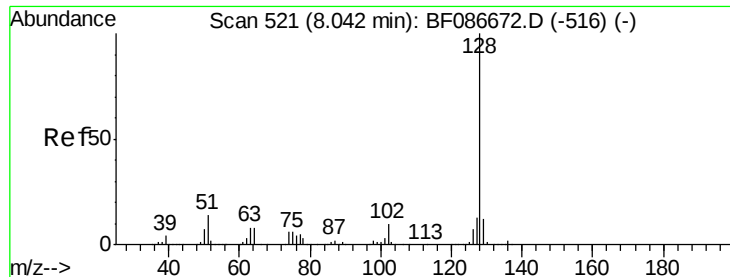
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



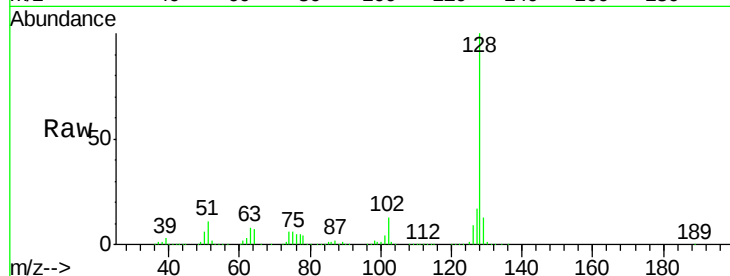
Time-->



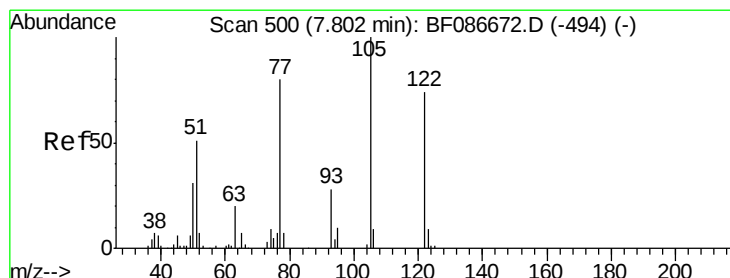
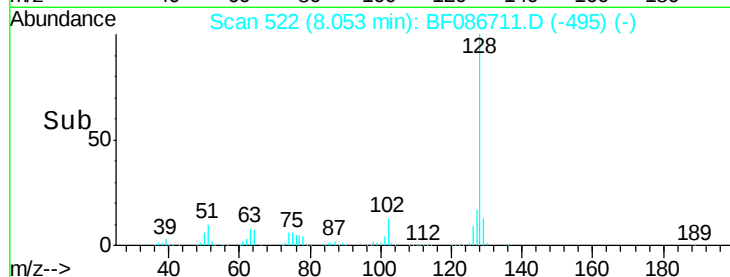
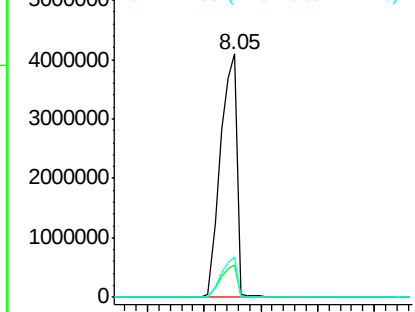
#31
Naphthalene
Concen: 241.15 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF086711.D
Acq: 5 May 2016 15:55

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:128 Resp: 8330820
Ion Ratio Lower Upper
128 100
129 13.4 8.6 13.0#
127 16.7 10.8 16.2#

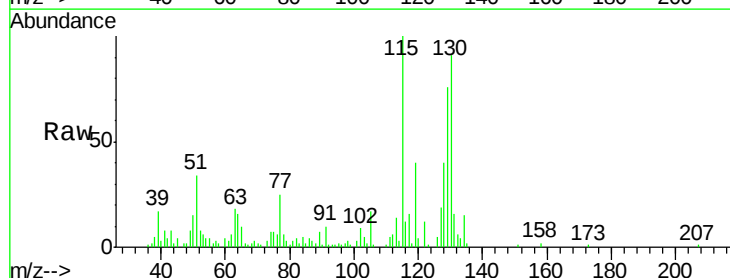


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

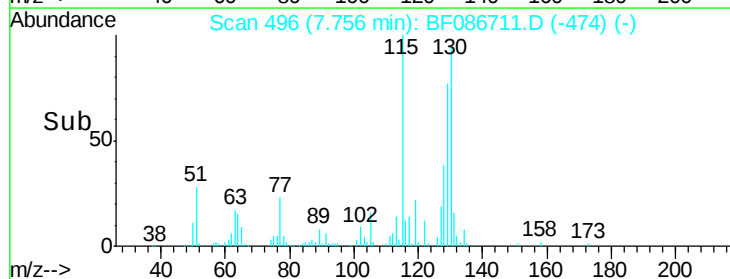
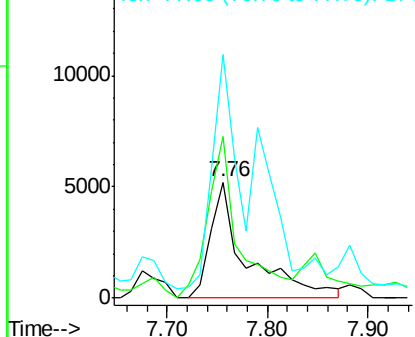


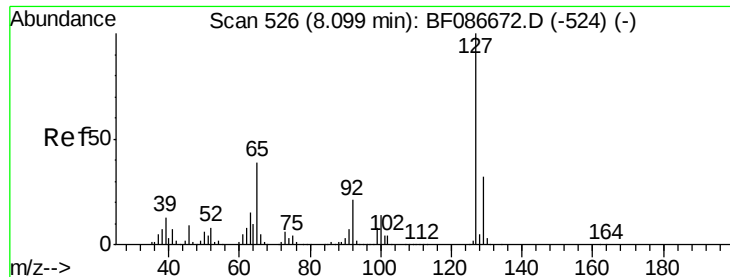
#32
Benzoic acid
Concen: 11.01 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF086711.D
Acq: 5 May 2016 15:55

Tgt Ion:122 Resp: 13060
Ion Ratio Lower Upper
122 100
105 140.1 92.6 132.6#
77 210.5 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

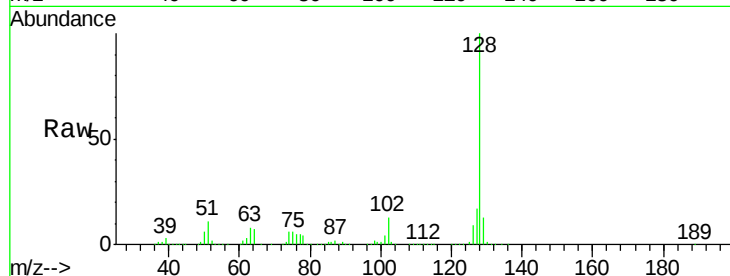




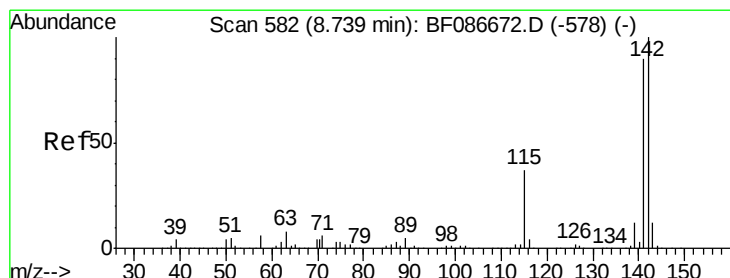
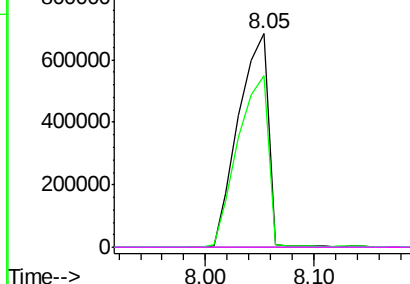
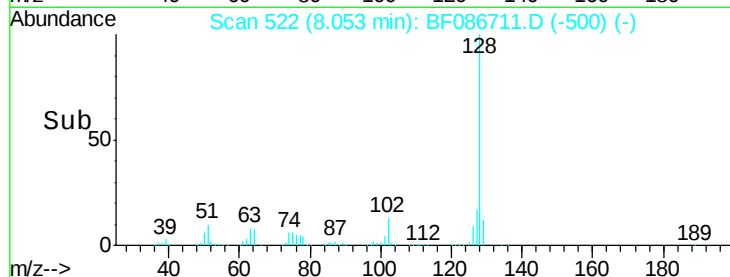
#33
 4-Chloroaniline
 Concen: 97.56 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.05 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Tgt Ion:127 Resp: 1305705
 Ion Ratio Lower Upper
 127 100
 129 80.1 26.2 39.4#
 65 0.0 23.0 34.4#
 92 0.0 15.1 22.7#

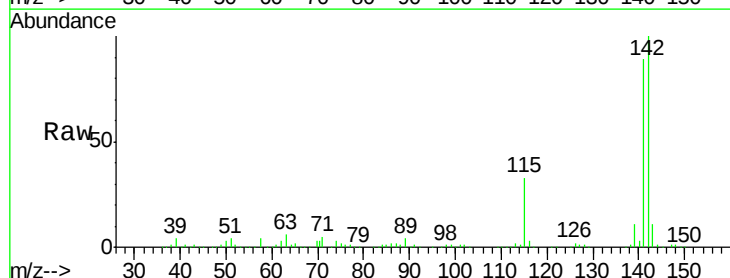


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

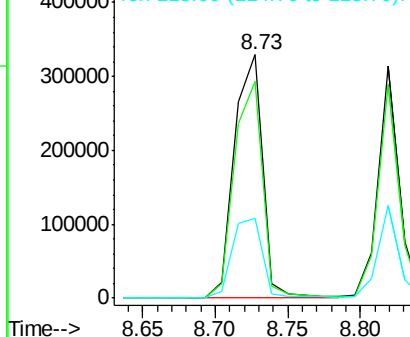
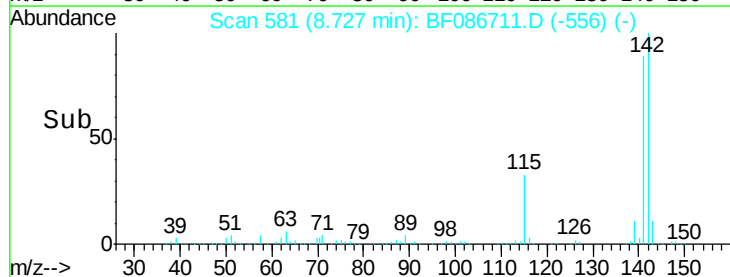


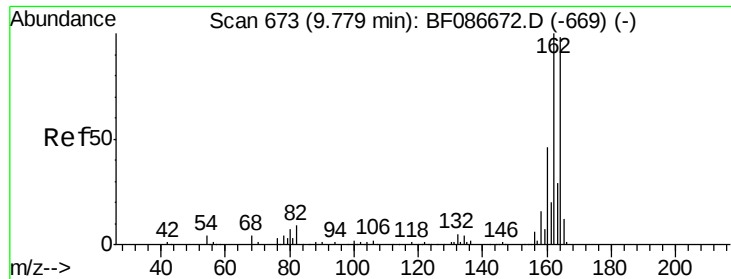
#37
 2-Methylnaphthalene
 Concen: 21.93 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

Tgt Ion:142 Resp: 446991
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 33.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

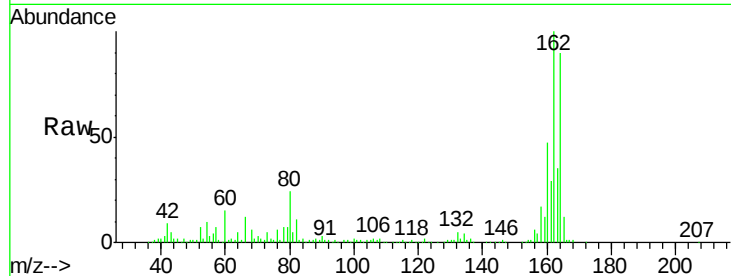
Tgt Ion:164 Resp: 154020

Ion Ratio Lower Upper

164 100

162 111.6 82.8 124.2

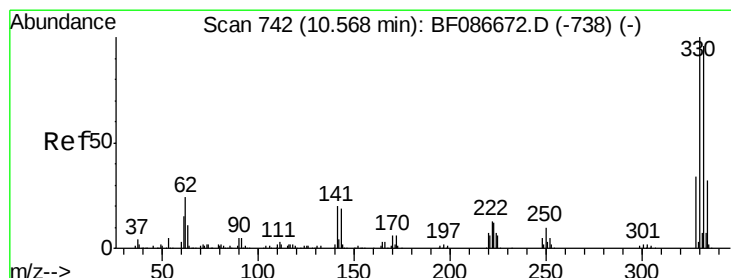
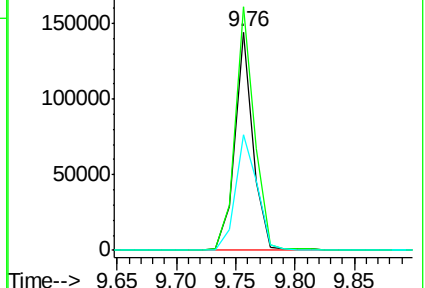
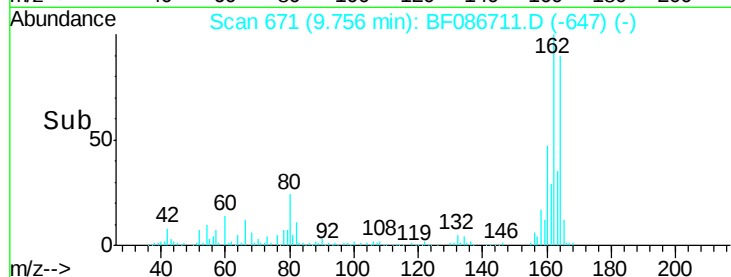
160 52.7 36.9 55.3



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: 349.05 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

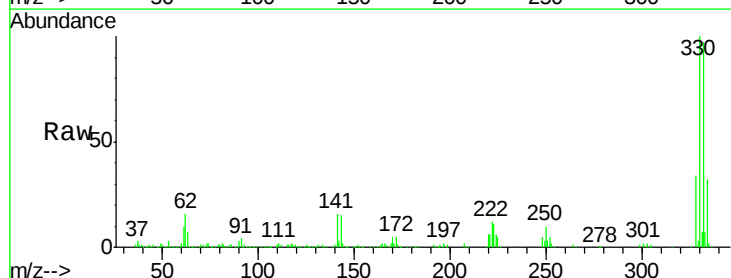
Tgt Ion:330 Resp: 525907

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

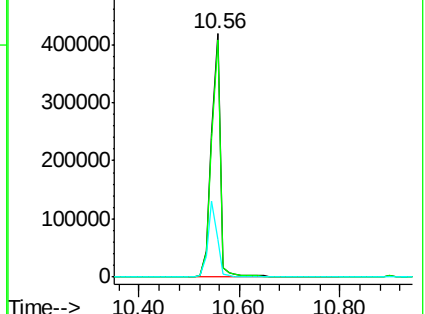
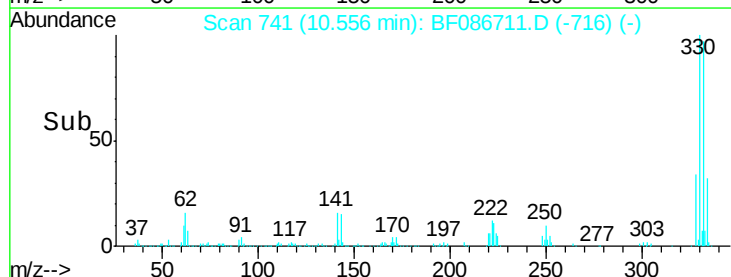
141 32.4 31.2 46.8

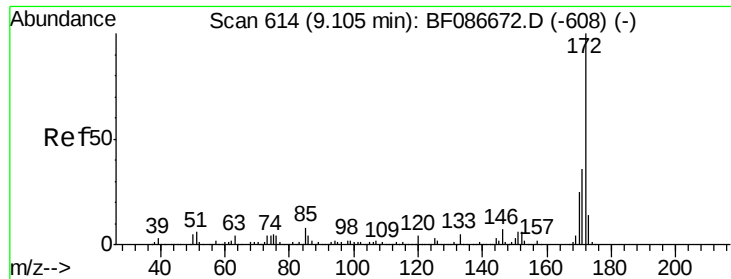


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

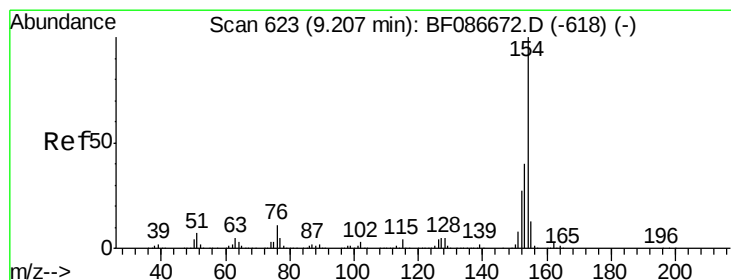
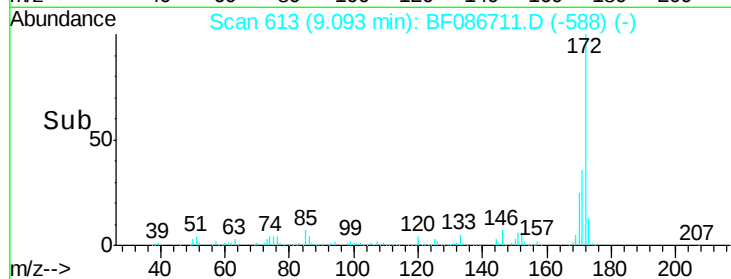
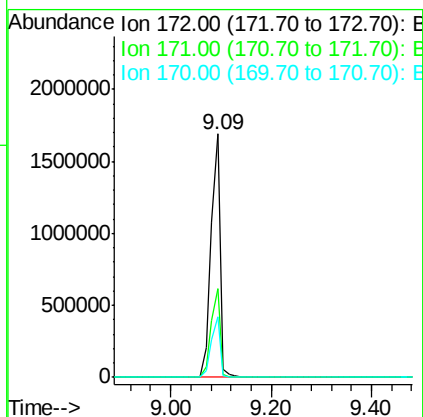
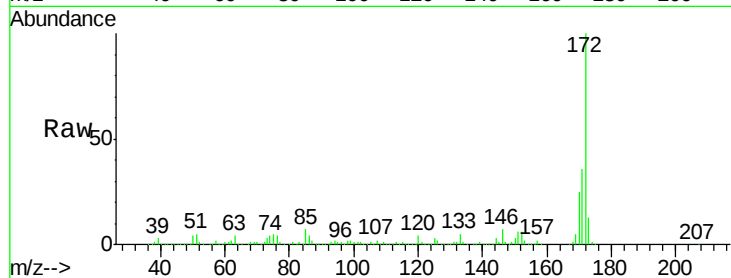




#44
 2-Fluorobiphenyl
 Concen: 226.86 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

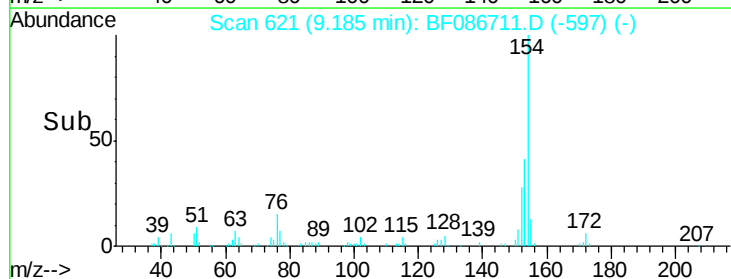
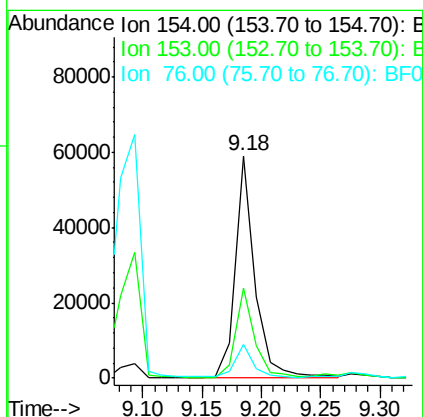
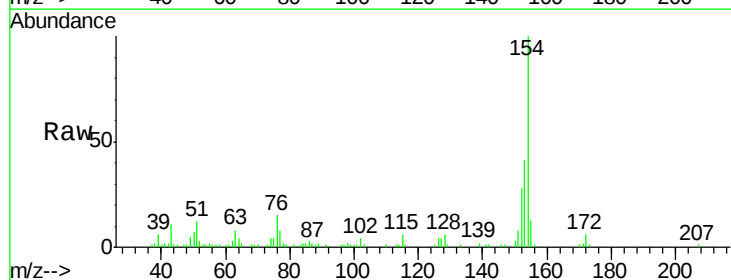
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

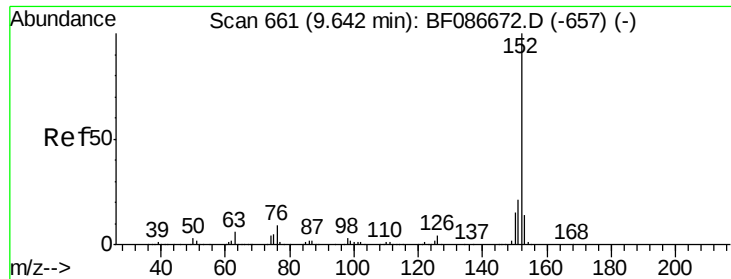
Tgt Ion:172 Resp: 2131586
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 5.42 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086711.D
 Acq: 5 May 2016 15:55

Tgt Ion:154 Resp: 68309
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 15.4 0.0 30.2





#48

Acenaphthylene

Concen: 4.88 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

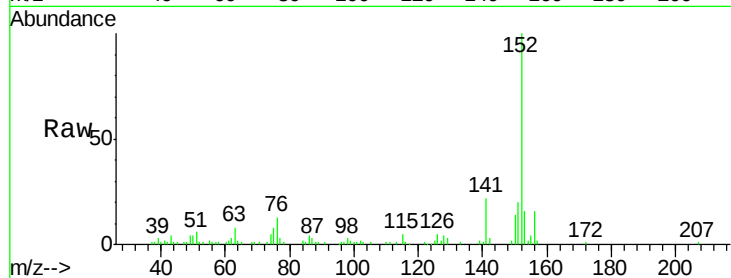
Tgt Ion:152 Resp: 70341

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

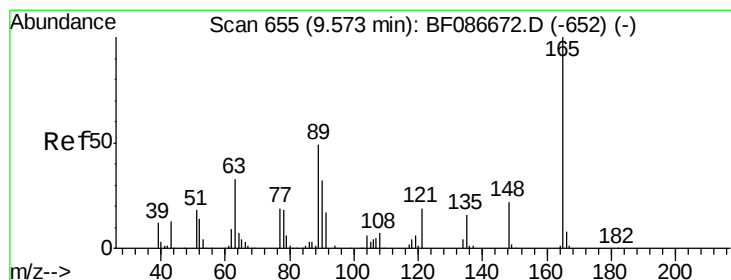
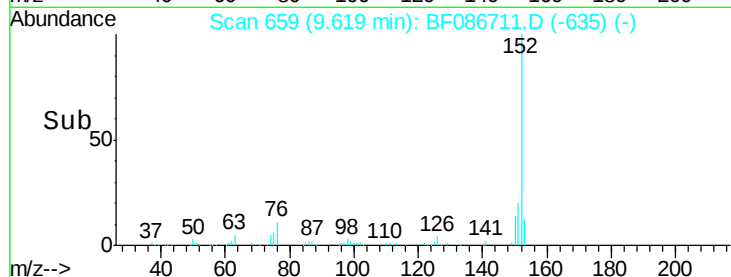
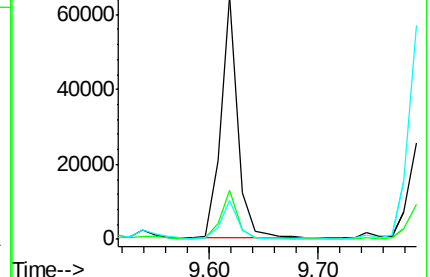
153 15.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.46 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.18 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

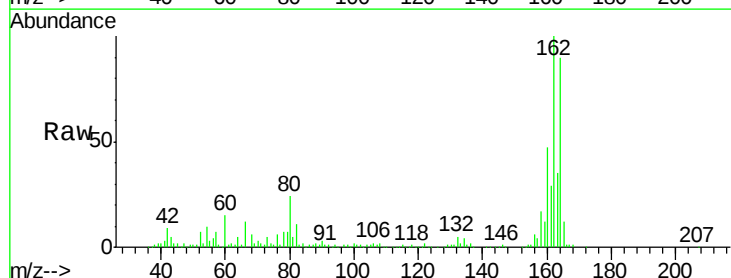
Tgt Ion:165 Resp: 20847

Ion Ratio Lower Upper

165 100

63 6.3 51.8 77.8#

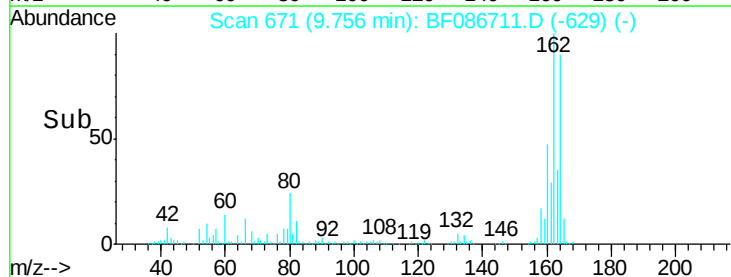
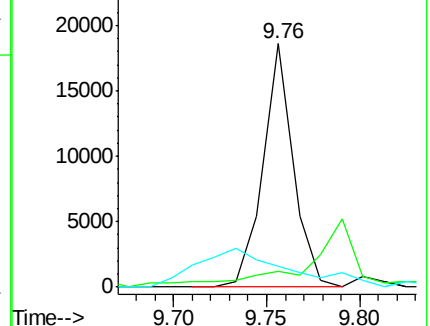
89 8.4 50.7 76.1#

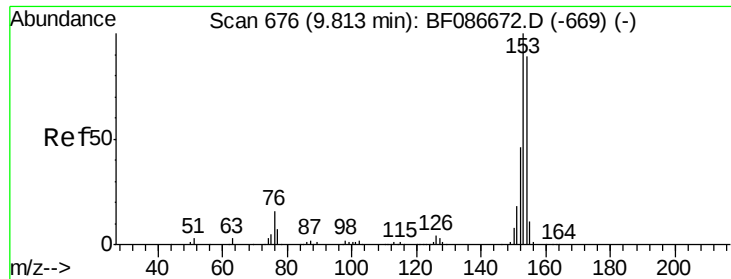


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.64 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

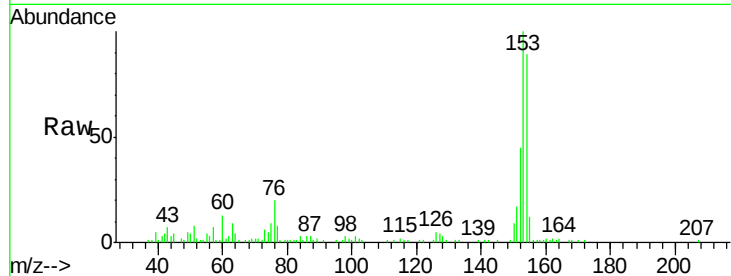
Tgt Ion:154 Resp: 53647

Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.6

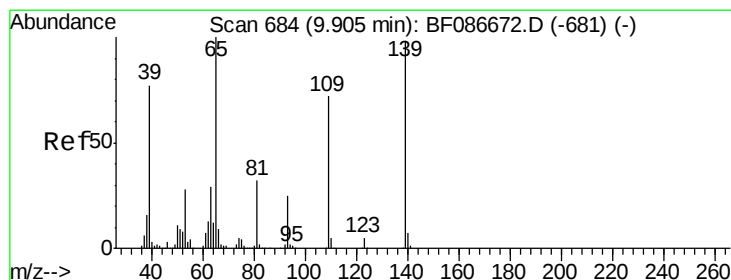
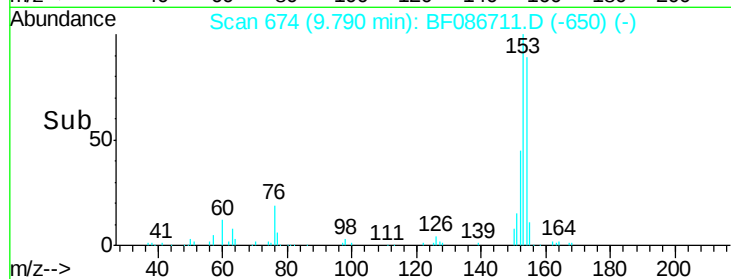
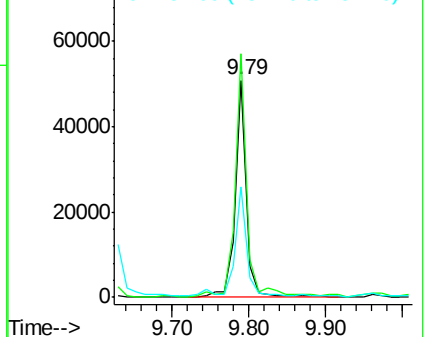
152 50.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 4.56 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.06 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

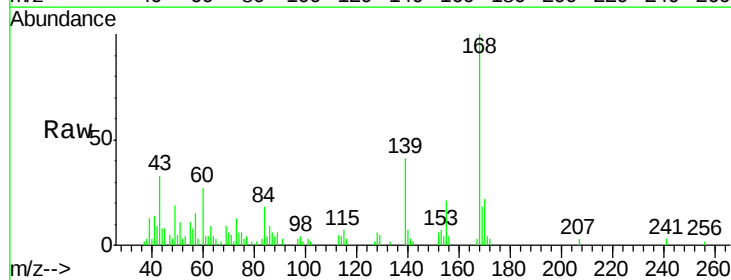
Tgt Ion:139 Resp: 7451

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

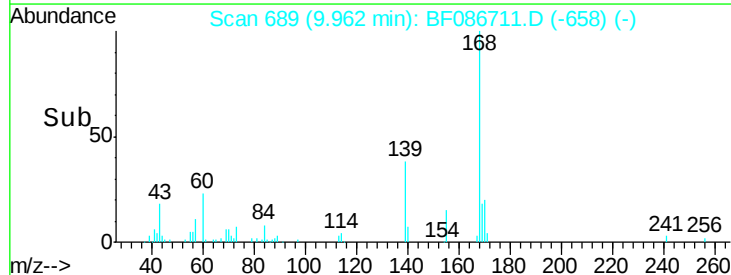
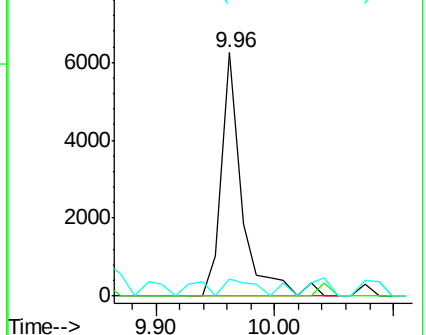
65 7.1 64.0 104.0#

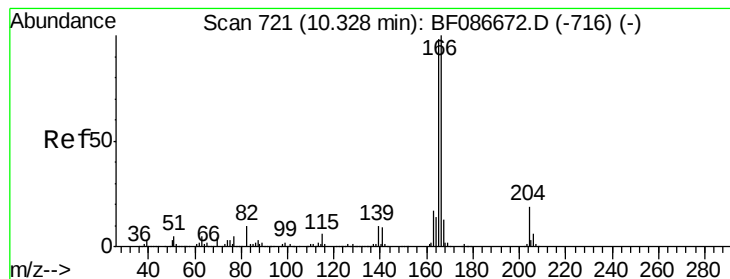


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 6.02 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

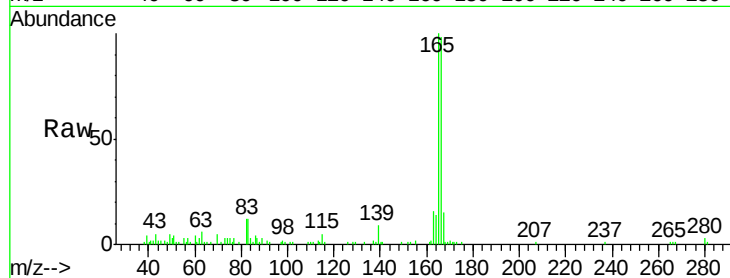
Tgt Ion:166 Resp: 57537

Ion Ratio Lower Upper

166 100

165 101.8 79.0 118.6

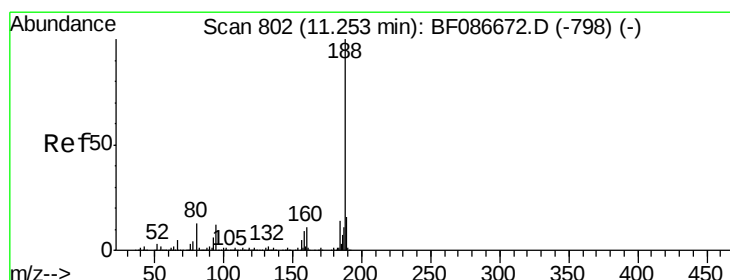
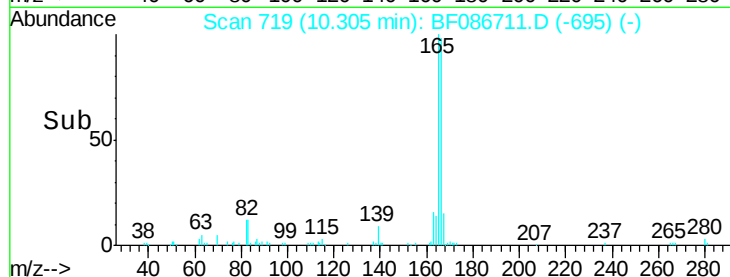
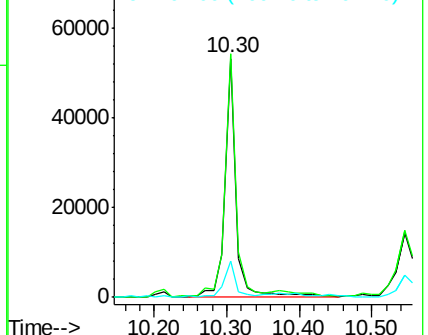
167 15.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086711.D

Acq: 5 May 2016 15:55

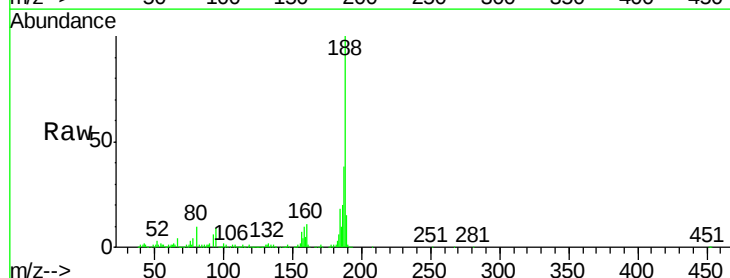
Tgt Ion:188 Resp: 424667

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

80 10.2 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

