

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086839.D
 Acq On : 10 May 2016 00:00
 Operator : UM/SJ
 Sample : H2895-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6-5-7FT

Quant Time: May 10 02:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151109	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	651523	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	323267	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	644140	20.00	ng	0.00
75) Chrysene-d12	13.83	240	501128	20.00	ng	-0.01
86) Perylene-d12	15.20	264	376718	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	948832	106.34	ng	0.00
7) Phenol-d6	6.35	99	1378851	115.63	ng	-0.01
23) Nitrobenzene-d5	7.26	82	880358	67.85	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	338959	99.04	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1374766	71.47	ng	0.00
78) Terphenyl-d14	12.79	244	1158573	49.05	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	771	0.18	ng	# 22
4) n-Nitrosodimethylamine	2.86	42	1275	0.16	ng	# 1
6) Aniline	6.46	93	1386	0.10	ng	# 1
9) Benzaldehyde	6.35	77	2165	0.31	ng	# 4
10) Phenol	6.36	94	7120	0.50	ng	# 9
11) bis(2-Chloroethyl)ether	6.46	93	1386	0.13	ng	# 1
15) Benzyl Alcohol	6.84	79	13753	1.67	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	6.74	45	1141	0.05	ng	# 64
19) n-Nitroso-di-n-propylamine	7.26	70	120902	14.51	ng	# 80
24) Nitrobenzene	7.26	77	2327	0.17	ng	# 35
25) Isophorone	7.26	82	845823	35.13	ng	# 68
31) Naphthalene	8.13	128	682	0.02	ng	# 1
45) 1,1'-Biphenyl	9.06	154	2526	0.10	ng	# 1
47) 2-Nitroaniline	9.45	65	2034	0.28	ng	# 1
49) Dimethylphthalate	9.46	163	189674	7.69	ng	# 98
50) 2,6-Dinitrotoluene	9.46	165	1858	0.36	ng	# 1
51) Acenaphthene	9.72	154	1143	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.72	165	41078	6.40	ng	# 16
57) Fluorene	10.51	166	12663	0.63	ng	# 90
59) Diethylphthalate	10.16	149	1498	0.06	ng	# 86
62) Azobenzene	10.51	77	2279	0.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	633	0.16	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	9924	0.50	ng	# 49
66) 4-Bromophenyl-phenylether	10.51	248	19519	2.99	ng	# 1
70) Phenanthrene	11.23	178	883	0.03	ng	# 59
71) Anthracene	11.23	178	883	0.03	ng	# 60
73) Di-n-butylphthalate	11.78	149	2105	0.06	ng	# 78
77) Pyrene	12.79	202	4324	0.11	ng	# 66
80) Benzo(a)anthracene	13.83	228	1491	0.05	ng	# 67
82) Chrysene	13.83	228	1491	0.05	ng	# 63
83) Bis(2-ethylhexyl)phthalate	13.83	149	908	0.05	ng	# 27
84) Di-n-octyl phthalate	14.58	149	213	0.01	ng	# 1
89) Benzo(a)pyrene	15.20	252	1044	0.05	ng	# 26

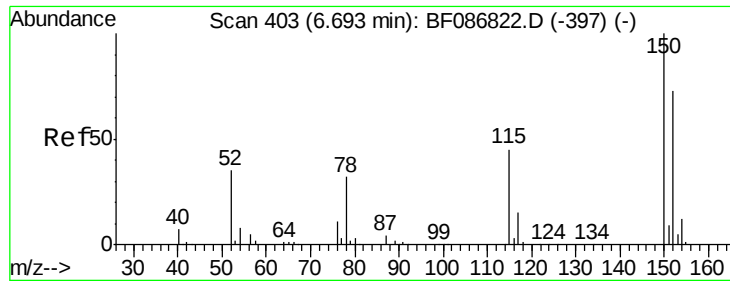
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086839.D
Acq On : 10 May 2016 00:00
Operator : UM/SJ
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Misc :
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QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

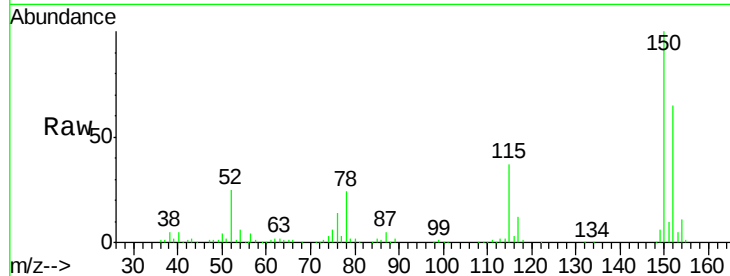
Tgt Ion:152 Resp: 151109

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

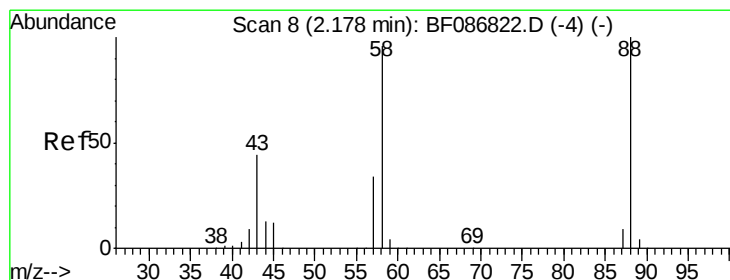
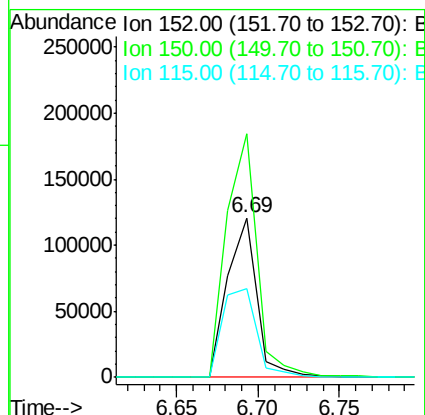
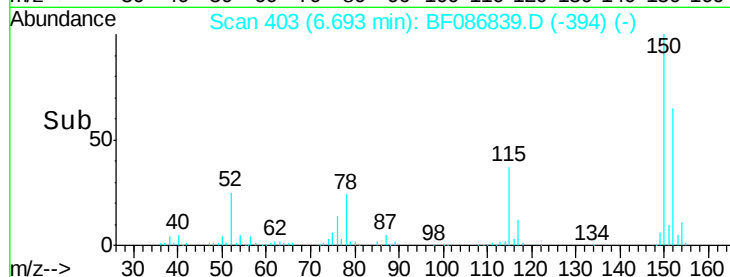
115 56.1 51.5 77.3



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



#2

1,4-Dioxane

Concen: 0.18 ng

RT: 2.18 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

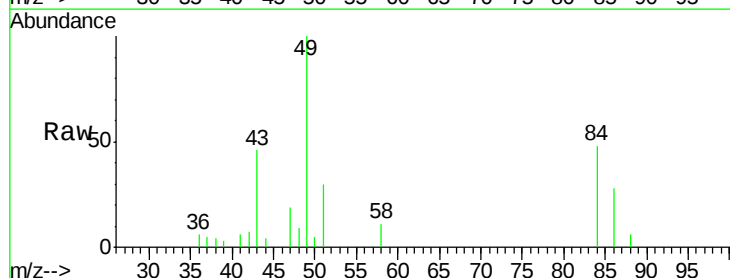
Tgt Ion: 88 Resp: 771

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

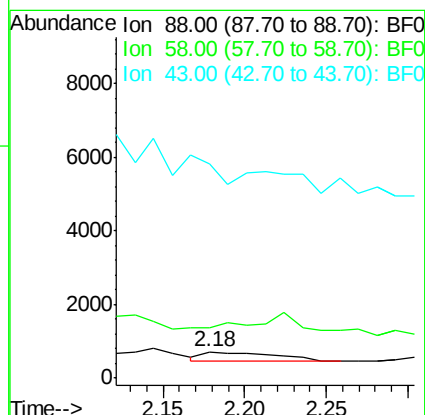
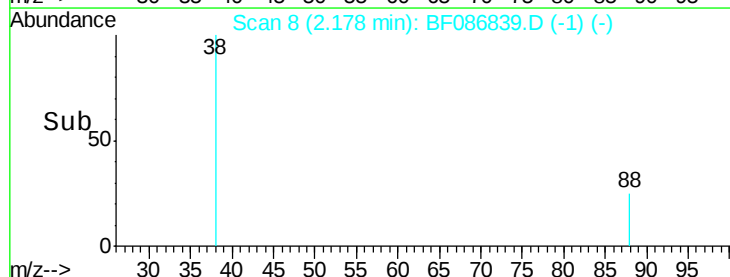
43 0.0 21.8 32.6#

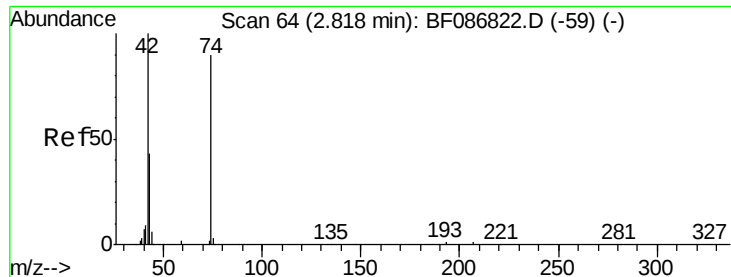


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

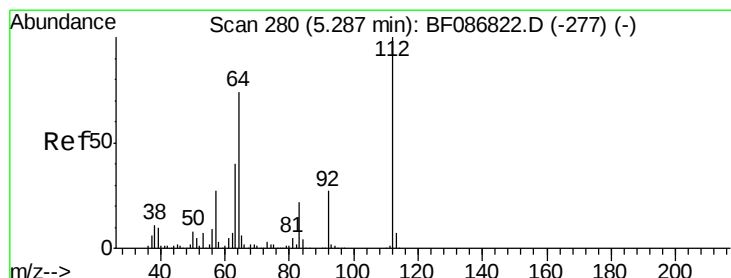
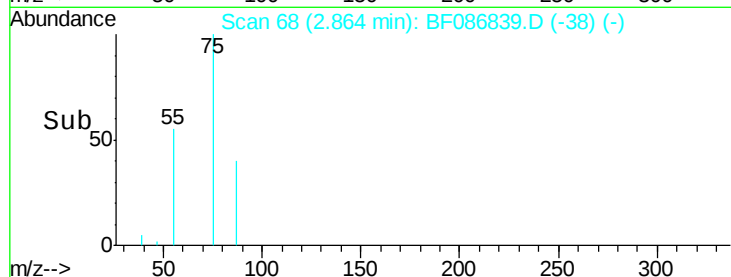
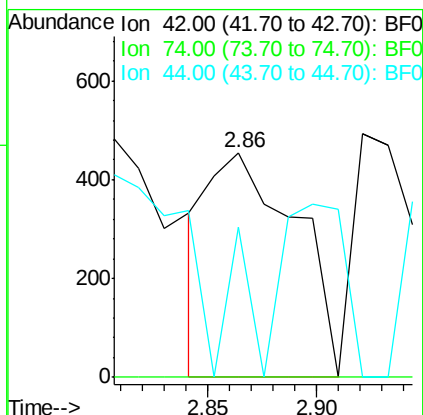
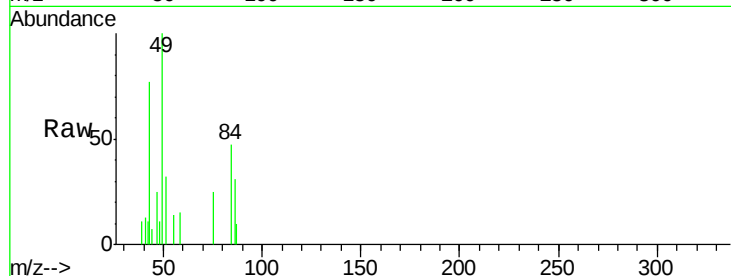
Tgt Ion: 42 Resp: 1275

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

44 66.8 5.8 8.6#



#5

2-Fluorophenol

Concen: 106.34 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

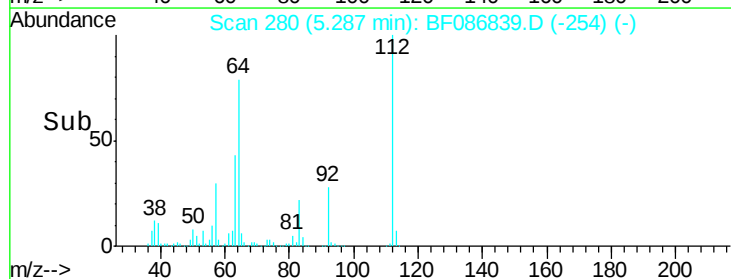
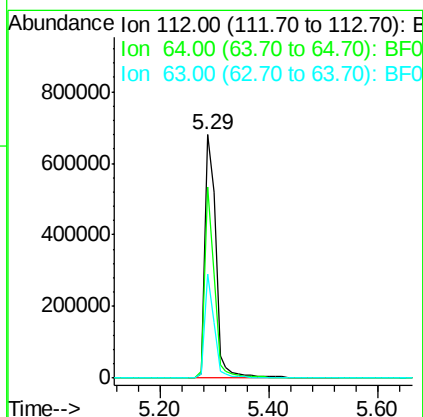
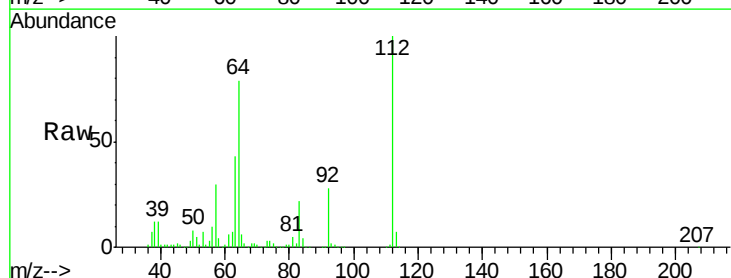
Tgt Ion: 112 Resp: 948832

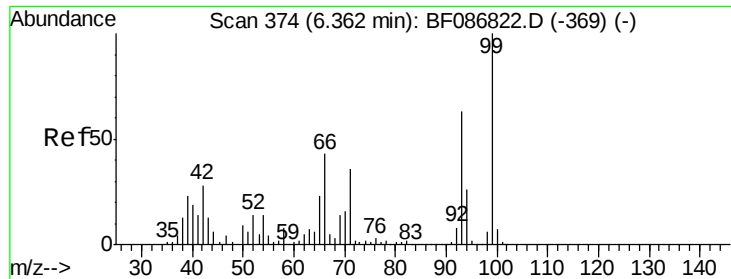
Ion Ratio Lower Upper

112 100

64 78.7 52.1 78.1#

63 42.6 25.7 38.5#





#6

Aniline

Concen: 0.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.10 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

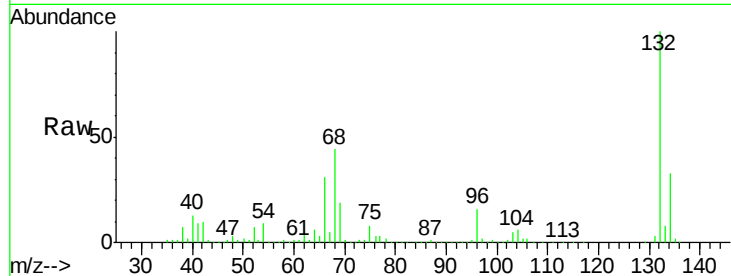
Tgt Ion: 93 Resp: 1386

Ion Ratio Lower Upper

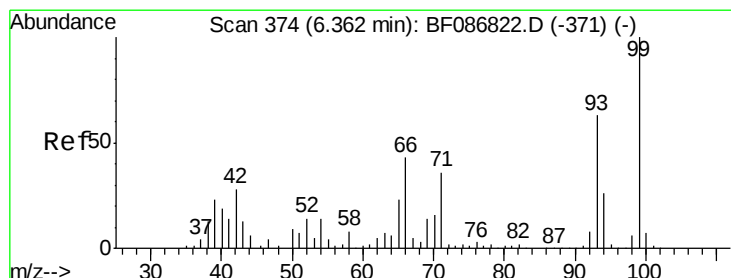
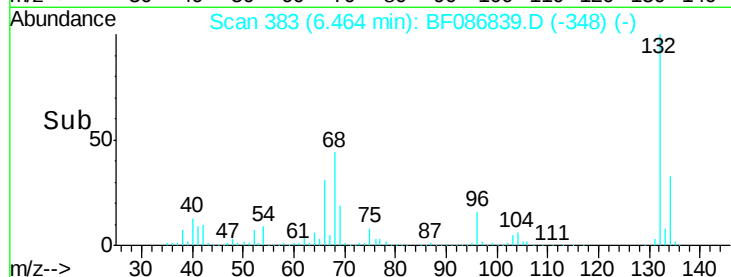
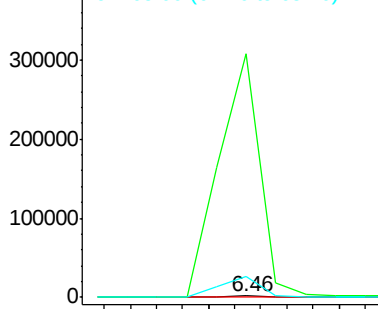
93 100

66 21501.7 39.0 58.6#

65 1886.6 20.6 31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 115.63 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

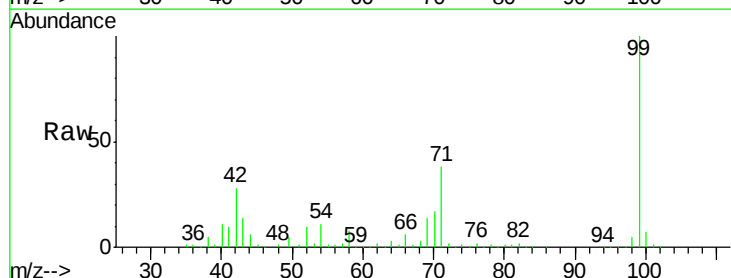
Tgt Ion: 99 Resp: 1378851

Ion Ratio Lower Upper

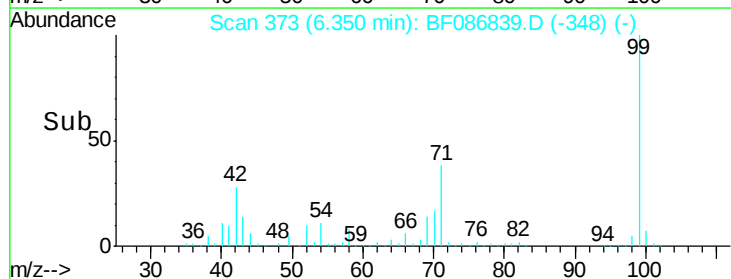
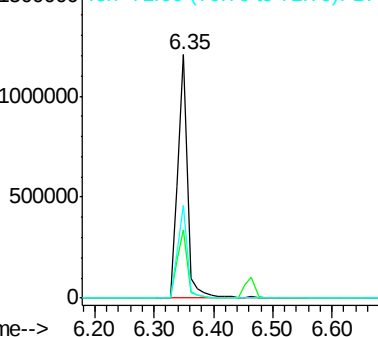
99 100

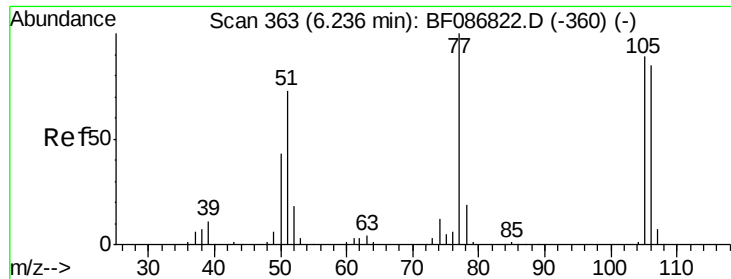
42 28.3 13.6 20.4#

71 37.8 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

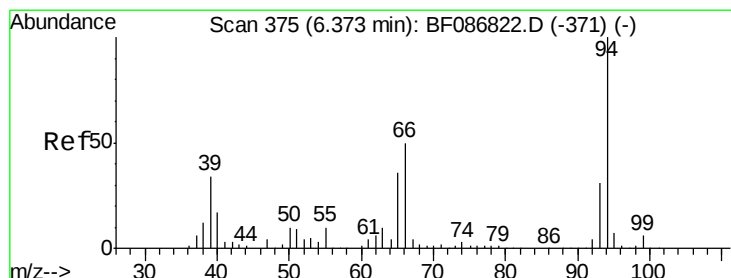
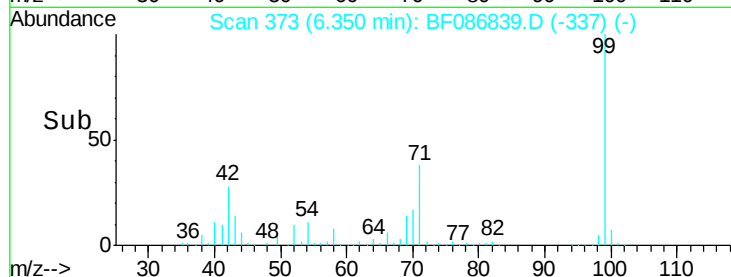
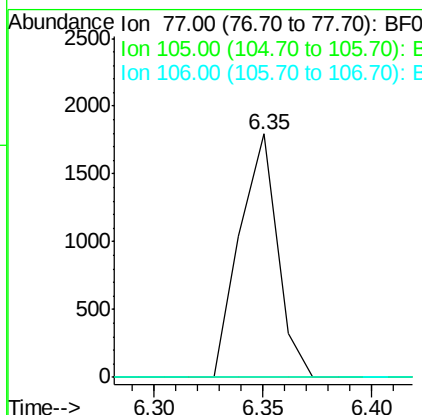
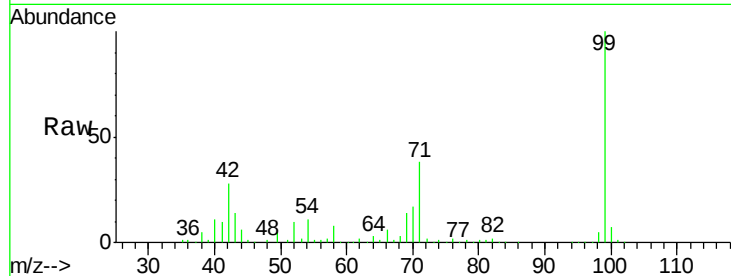




#9
Benzaldehyde
Concen: 0.31 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.11 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

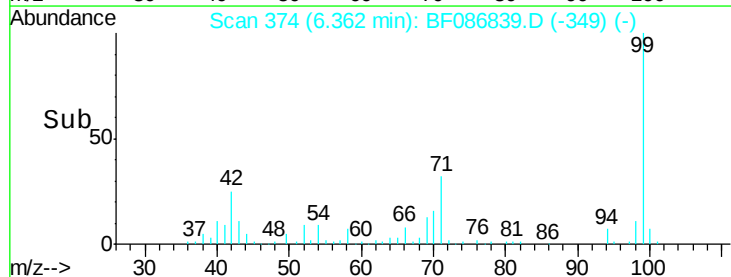
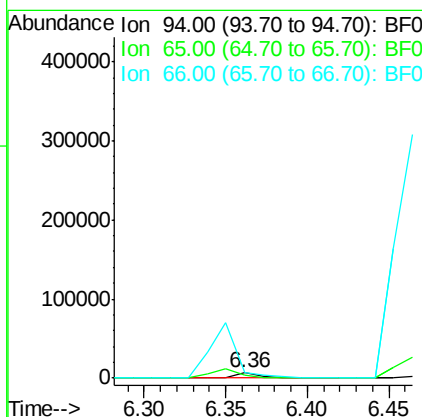
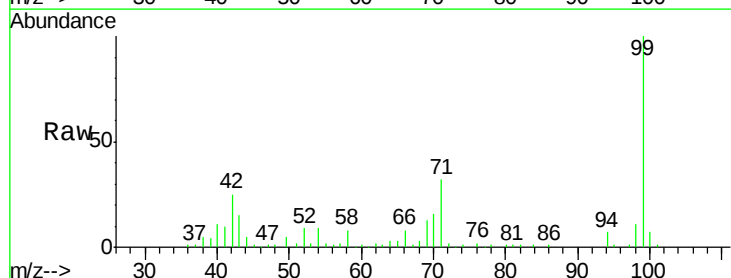
Instrument :
BNA_F
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TP6-5-7FT

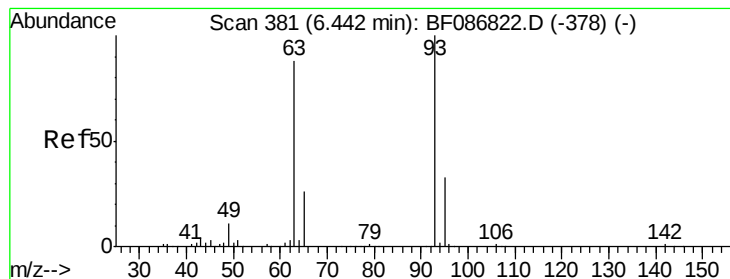
Tgt Ion: 77 Resp: 2165
Ion Ratio Lower Upper
77 100
105 0.0 72.7 112.7#
106 0.0 70.8 110.8#



#10
Phenol
Concen: 0.50 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Tgt Ion: 94 Resp: 7120
Ion Ratio Lower Upper
94 100
65 45.6 7.2 47.2
66 113.1 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.02 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

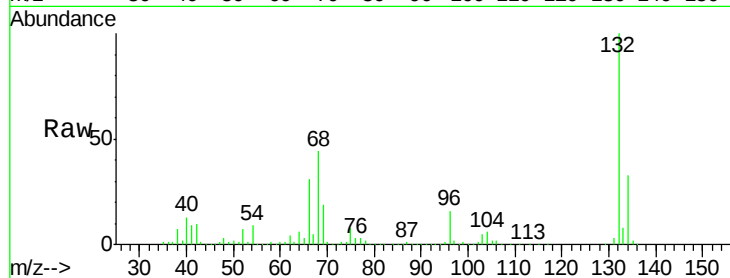
Tgt Ion: 93 Resp: 1386

Ion Ratio Lower Upper

93 100

63 943.2 58.0 98.0#

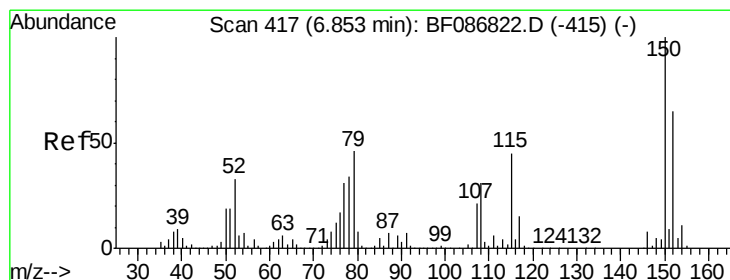
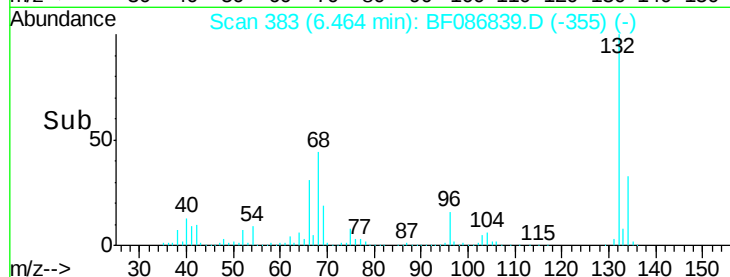
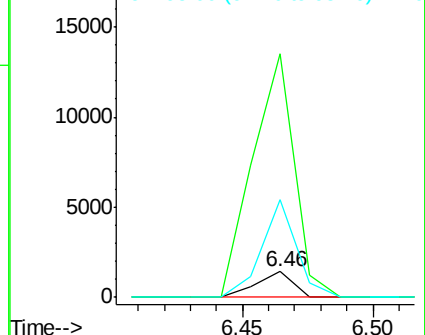
95 378.9 11.9 51.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 1.67 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

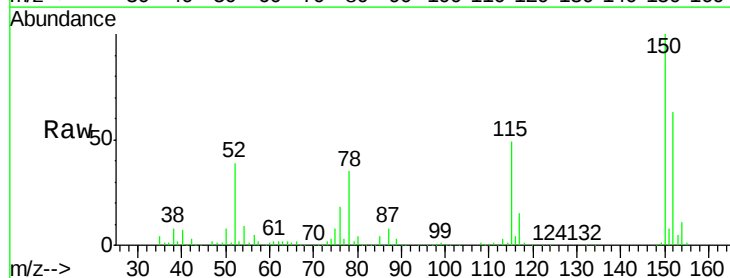
Tgt Ion: 79 Resp: 13753

Ion Ratio Lower Upper

79 100

108 30.6 68.4 102.6#

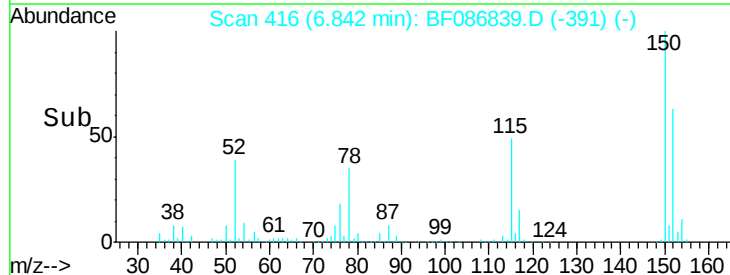
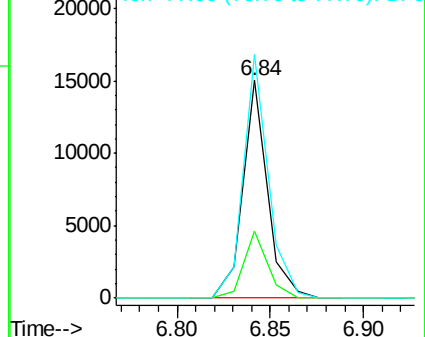
77 111.9 50.6 76.0#

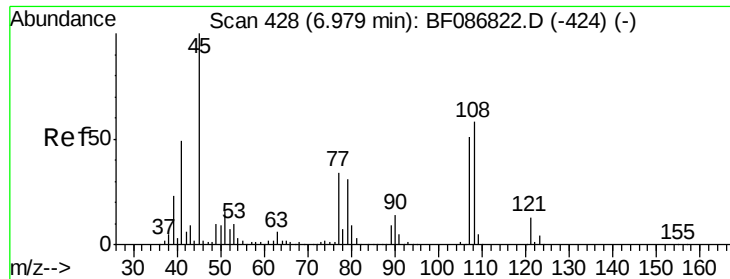


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

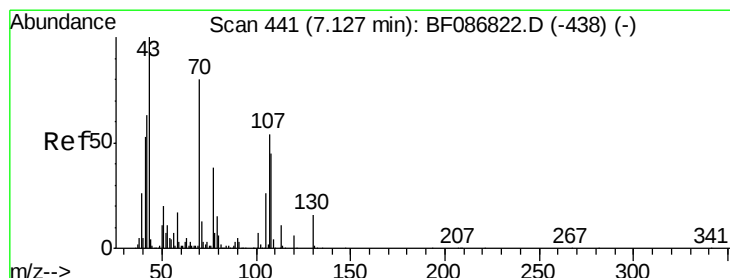
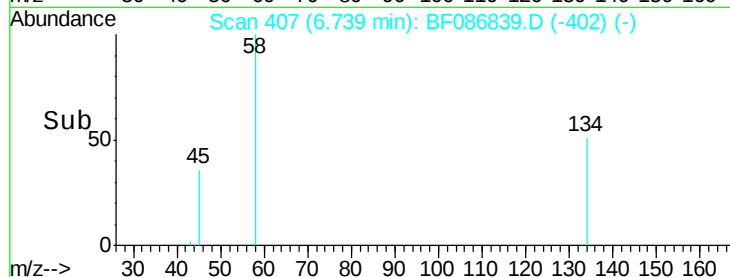
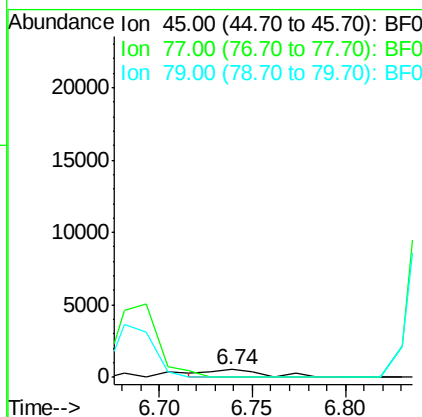
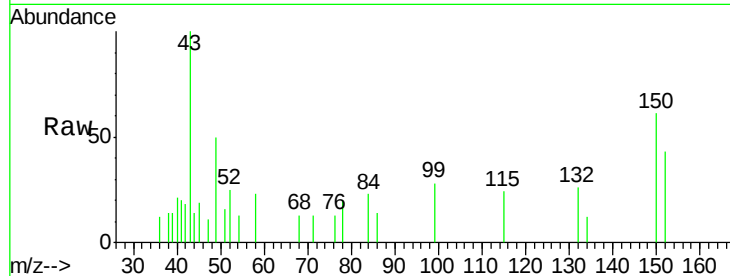




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.05 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.24 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

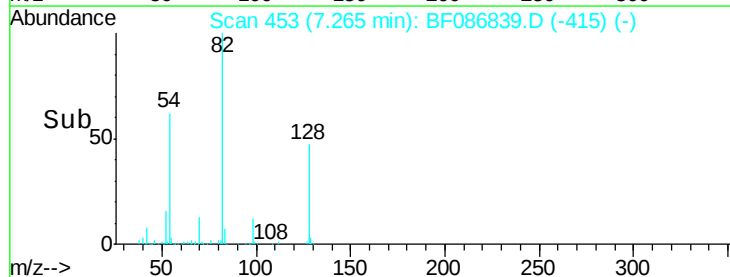
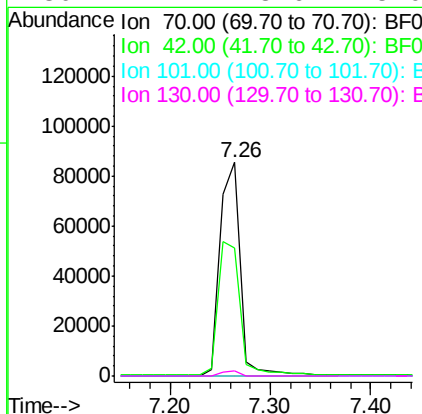
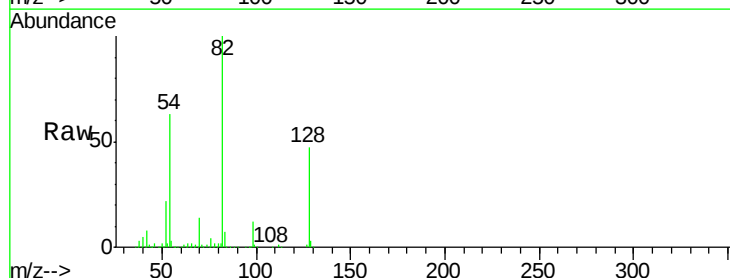
Instrument :
BNA_F
ClientSampleId :
TP6-5-7FT

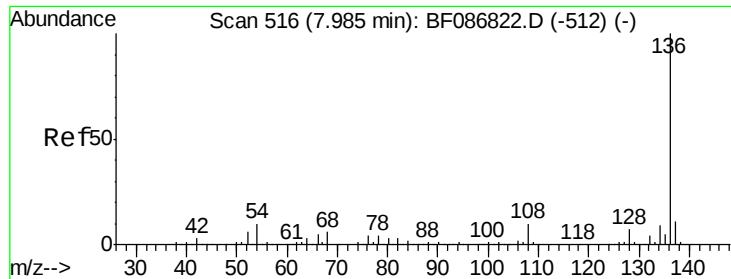
Tgt Ion: 45 Resp: 1141
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.4
79 0.0 0.0 33.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.51 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Tgt Ion: 70 Resp: 120902
Ion Ratio Lower Upper
70 100
42 60.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#

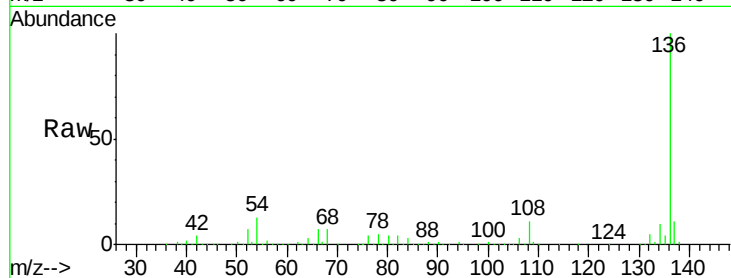




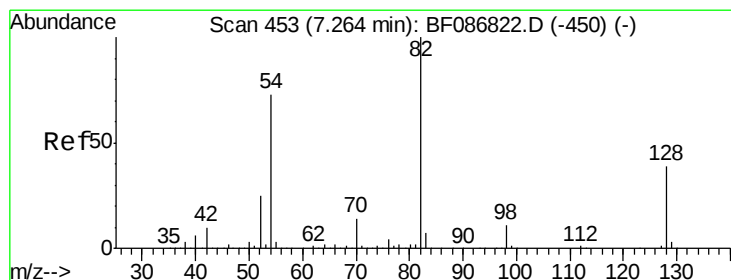
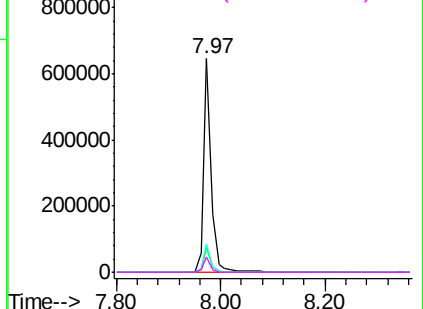
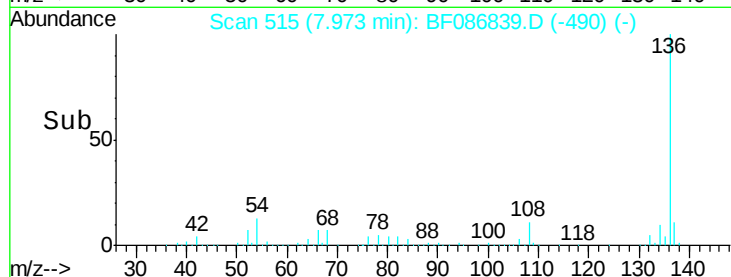
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
TP6-5-7FT

Tgt Ion:	136	Resp:	651523
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	13.0	5.0	7.4#
68	7.2	4.4	6.6#

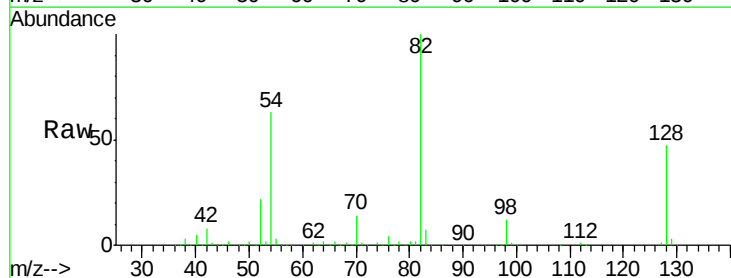


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

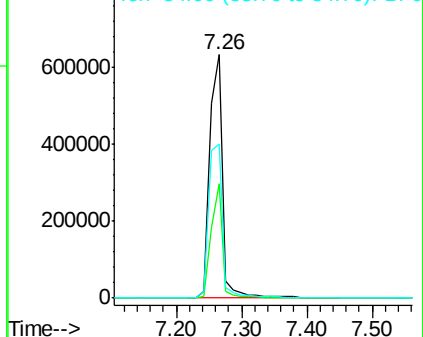
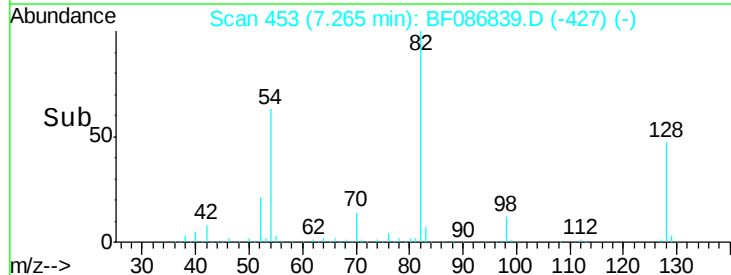


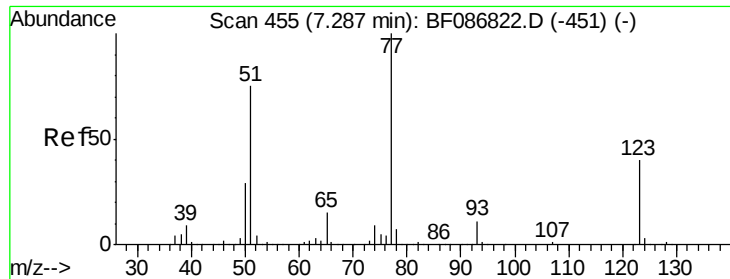
#23
Nitrobenzene-d5
Concen: 67.85 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Tgt Ion:	82	Resp:	880358
Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	61.0
54	63.0	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

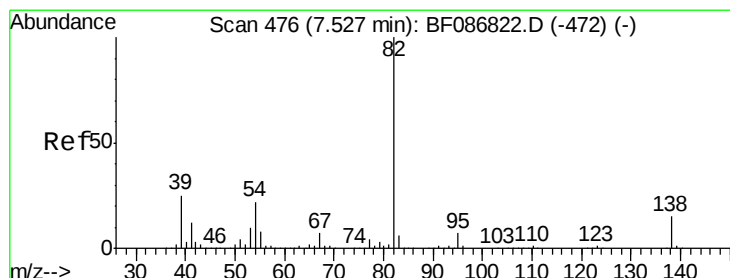
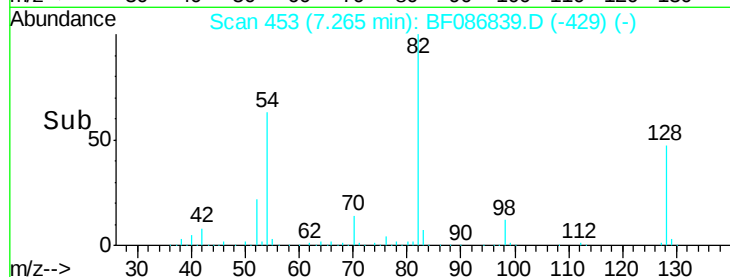
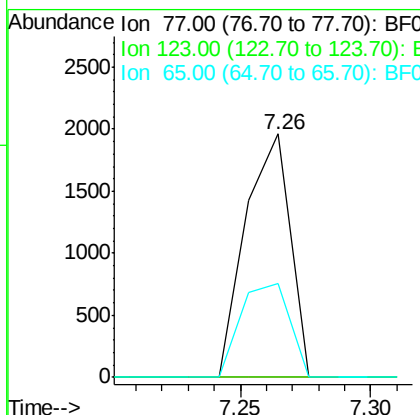
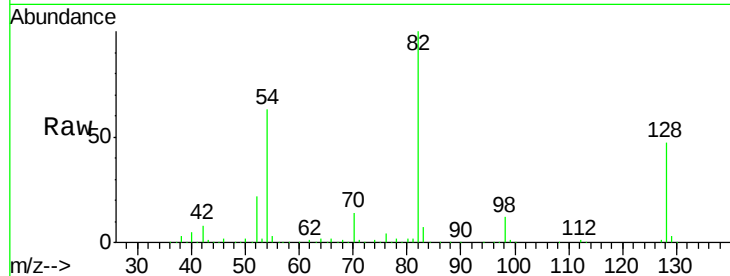




#24
 Nitrobenzene
 Concen: 0.17 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

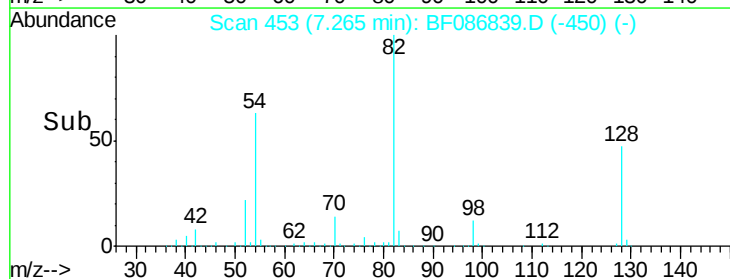
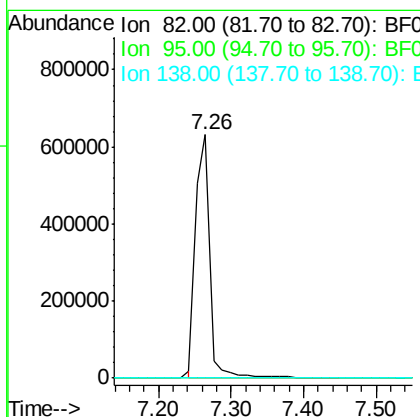
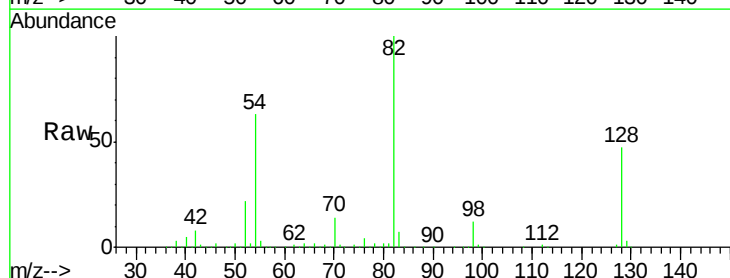
Instrument :
 BNA_F
 ClientSampleId :
 TP6-5-7FT

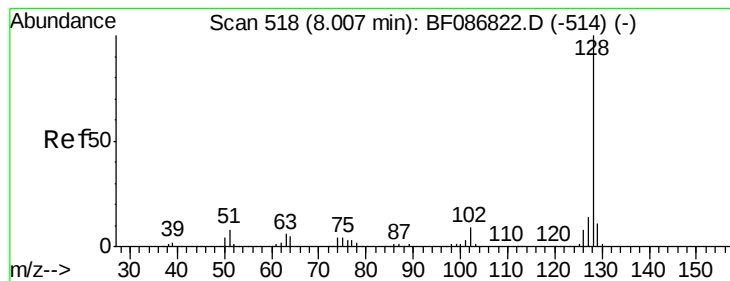
Tgt Ion: 77 Resp: 2327
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 38.4 10.8 16.2#



#25
 Isophorone
 Concen: 35.13 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.26 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Tgt Ion: 82 Resp: 845823
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 0.02 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.13 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampled :

TP6-5-7FT

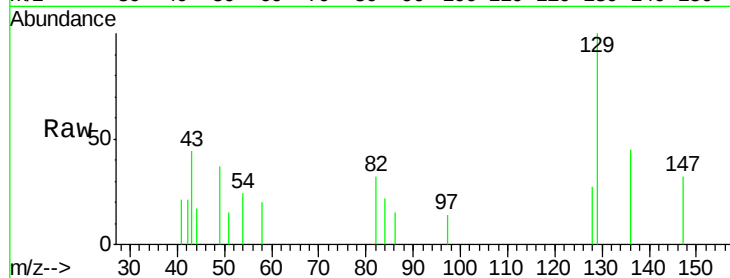
Tgt Ion:128 Resp: 682

Ion Ratio Lower Upper

128 100

129 370.3 8.6 13.0#

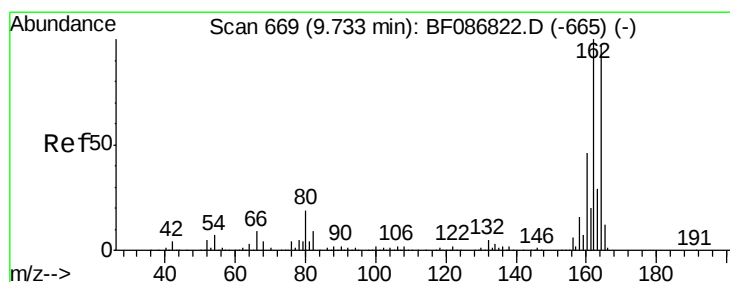
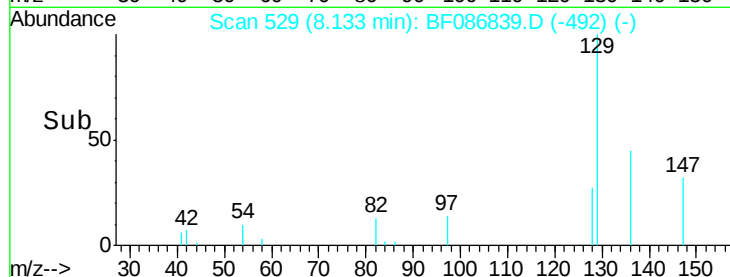
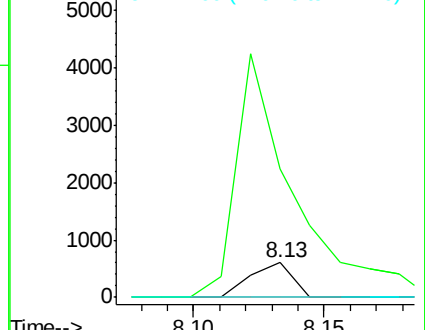
127 0.0 10.8 16.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

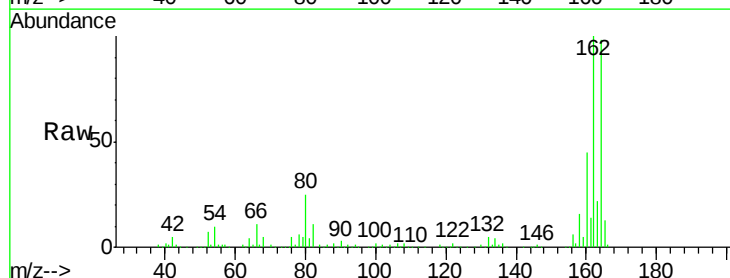
Tgt Ion:164 Resp: 323267

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

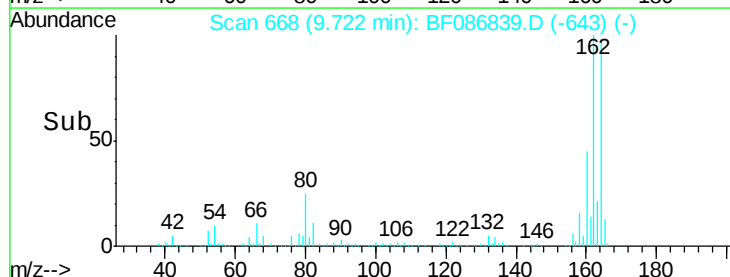
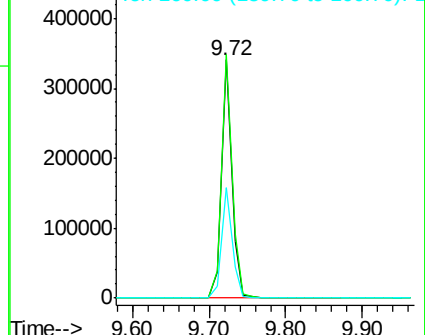
160 46.1 36.9 55.3

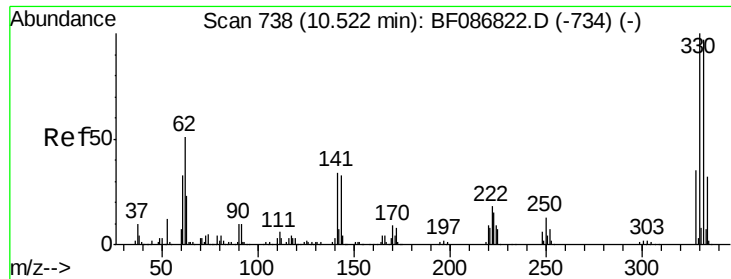


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

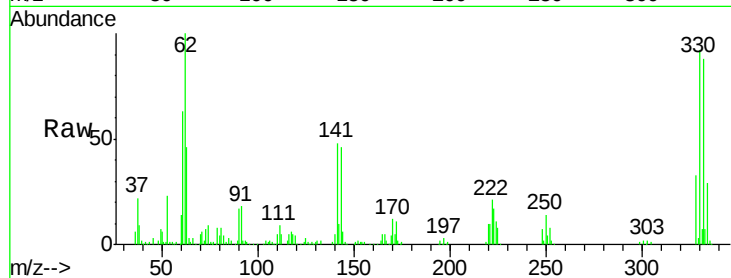




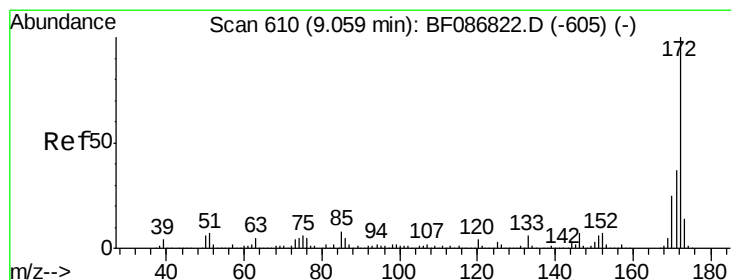
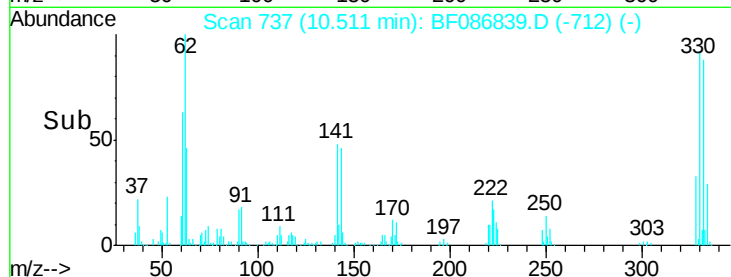
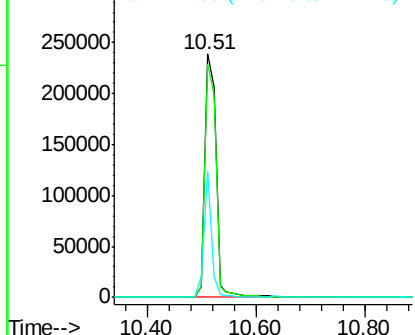
#41
 2,4,6-Tribromophenol
 Concen: 99.04 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP6-5-7FT

Tgt Ion:330 Resp: 338959
 Ion Ratio Lower Upper
 330 100
 332 95.2 79.0 118.4
 141 35.2 31.2 46.8

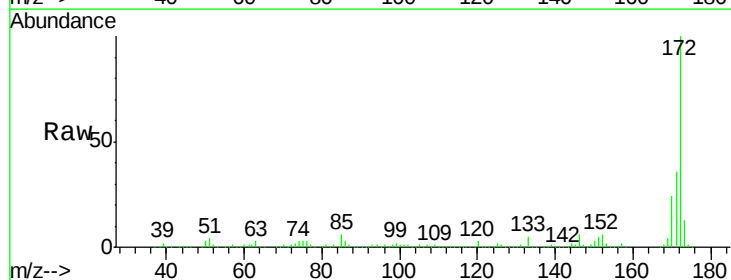


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

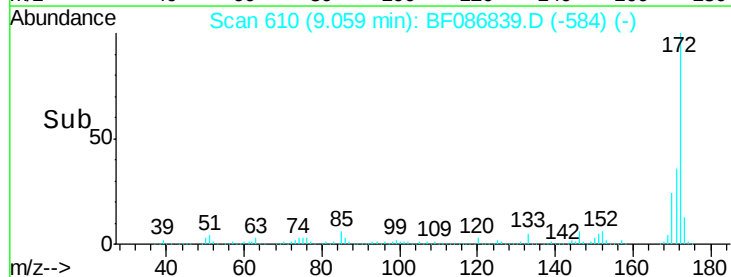
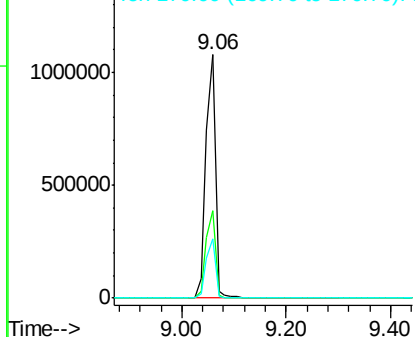


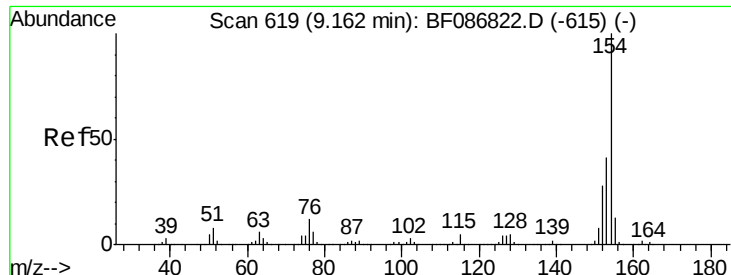
#44
 2-Fluorobiphenyl
 Concen: 71.47 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Tgt Ion:172 Resp: 1374766
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.4 19.8 29.8



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

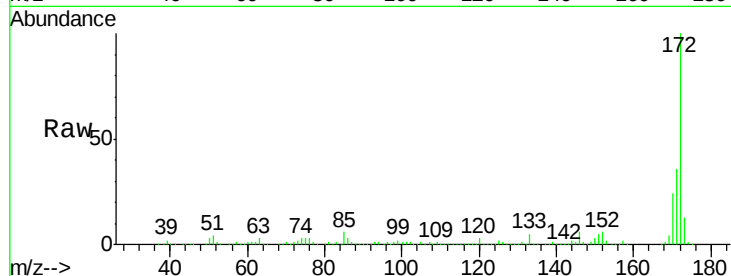




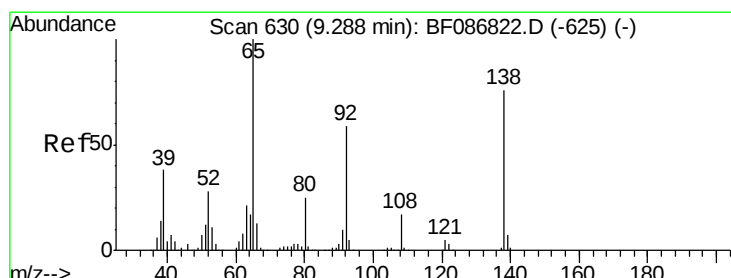
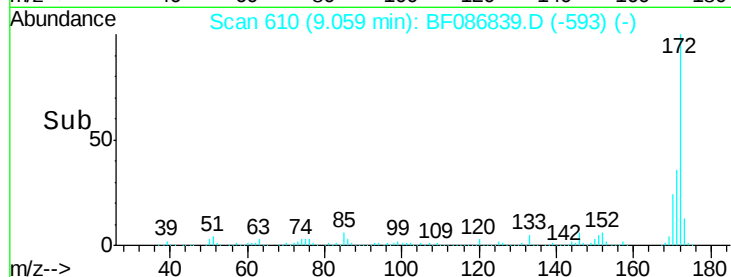
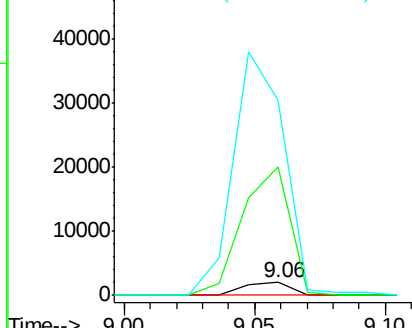
#45
 1,1'-Biphenyl
 Concen: 0.10 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.10 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP6-5-7FT

Tgt Ion:154 Resp: 2526
 Ion Ratio Lower Upper
 154 100
 153 1005.9 20.3 60.3#
 76 1519.7 0.0 30.2#

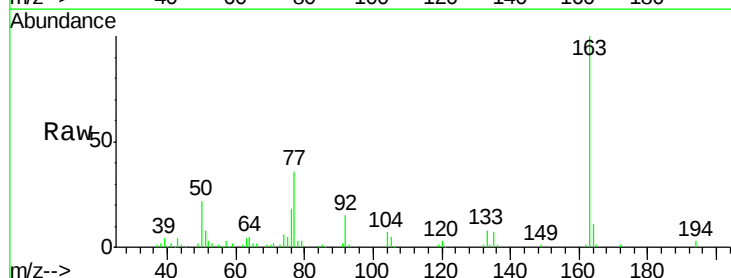


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

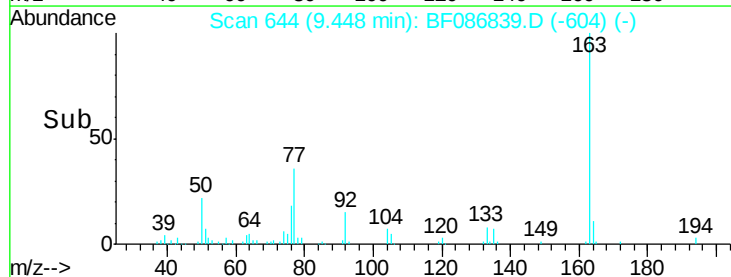
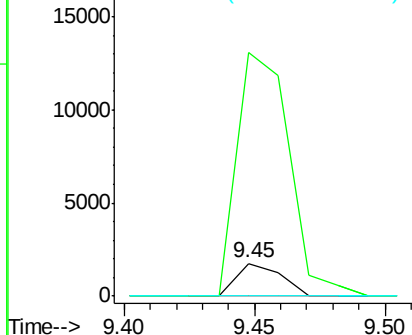


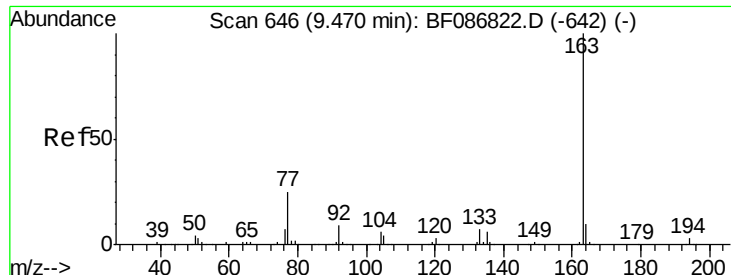
#47
 2-Nitroaniline
 Concen: 0.28 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.16 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Tgt Ion: 65 Resp: 2034
 Ion Ratio Lower Upper
 65 100
 92 751.8 57.4 86.2#
 138 0.0 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

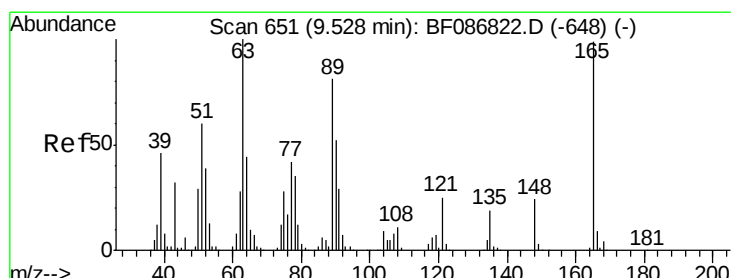
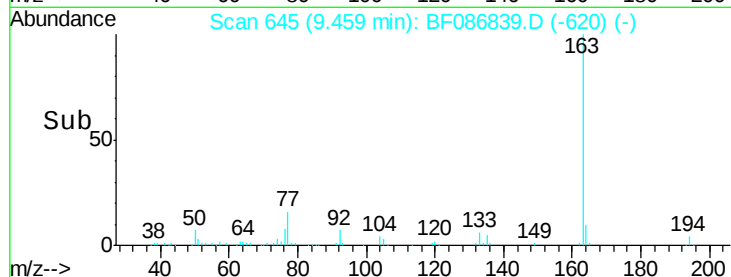
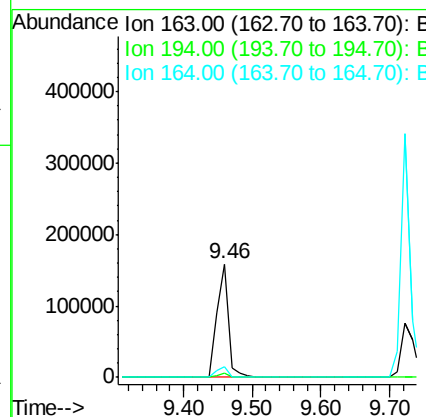
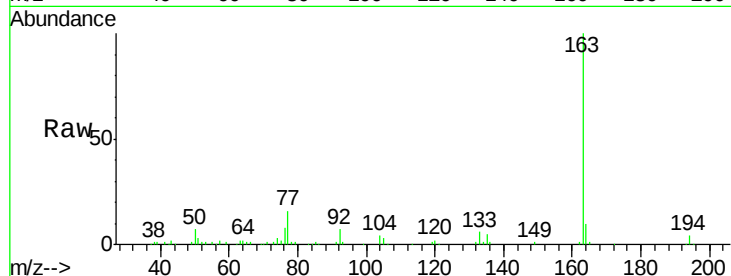




#49
Dimethylphthalate
Concen: 7.69 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

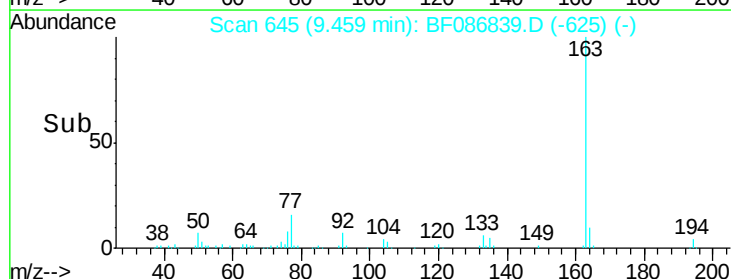
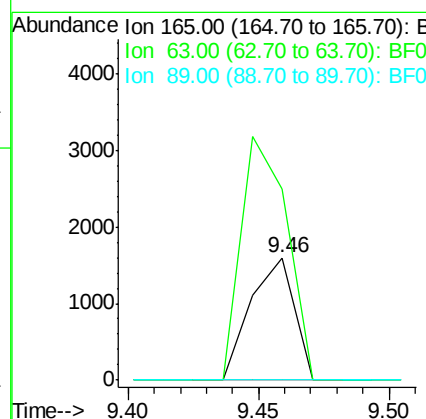
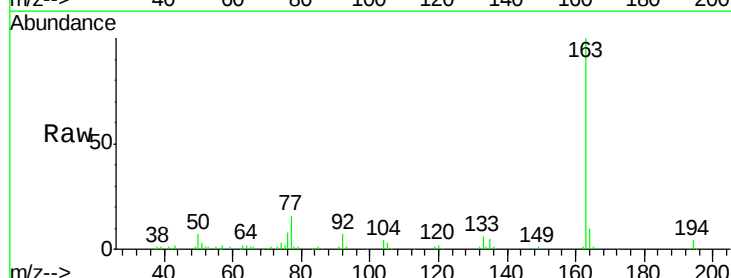
Instrument :
BNA_F
ClientSampleId :
TP6-5-7FT

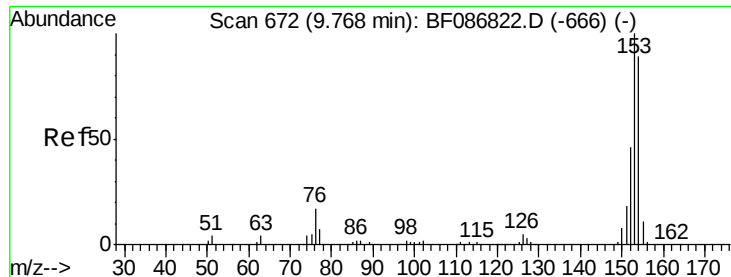
Tgt Ion:163 Resp: 189674
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 0.36 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.07 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Tgt Ion:165 Resp: 1858
Ion Ratio Lower Upper
165 100
63 156.4 51.8 77.8#
89 0.0 50.7 76.1#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

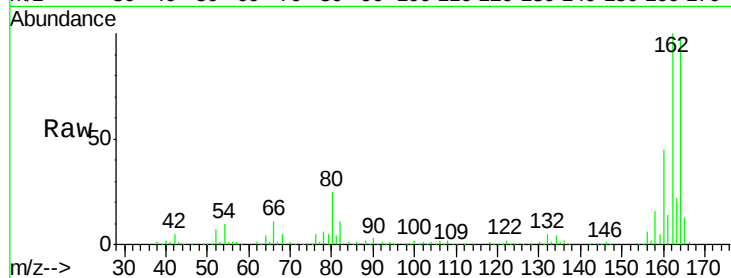
Tgt Ion:154 Resp: 1143

Ion Ratio Lower Upper

154 100

153 0.0 89.8 134.6#

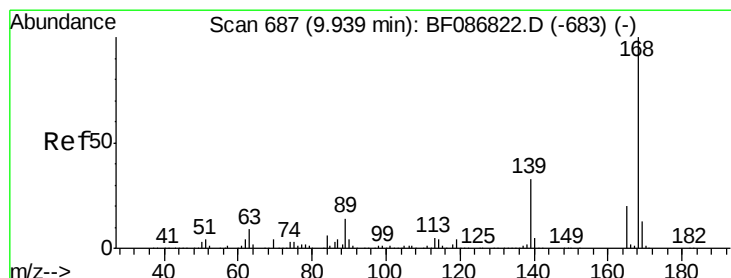
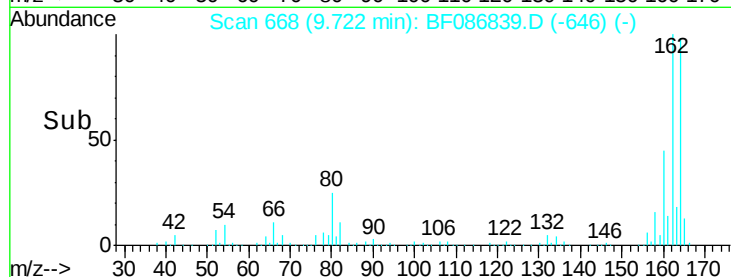
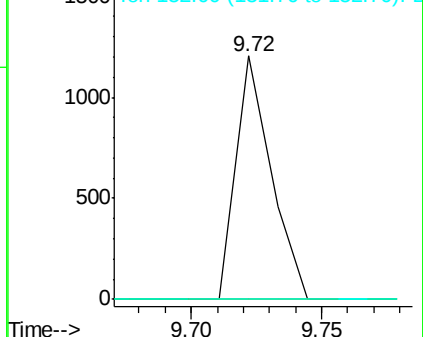
152 0.0 43.4 65.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.40 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Tgt Ion:165 Resp: 41078

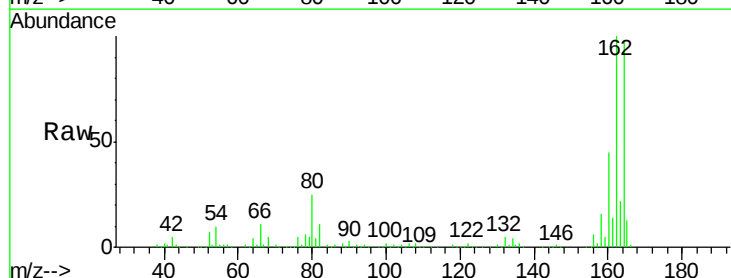
Ion Ratio Lower Upper

165 100

63 1.6 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

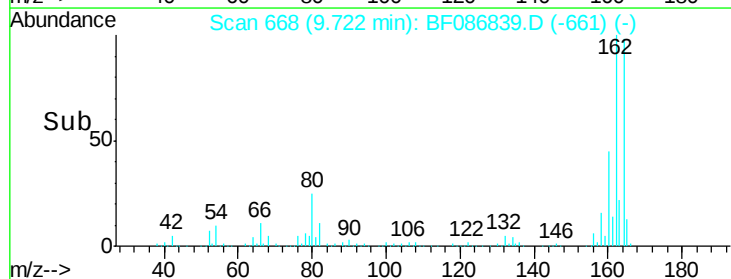
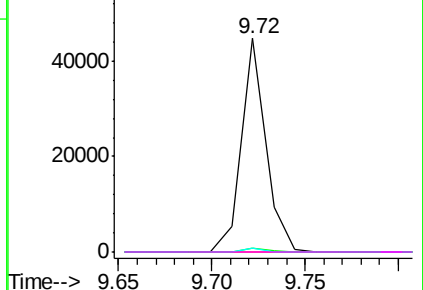


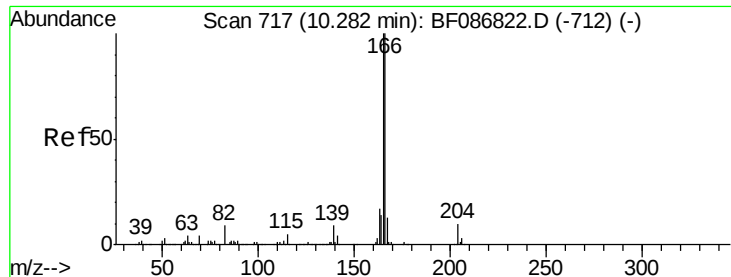
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.63 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.23 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

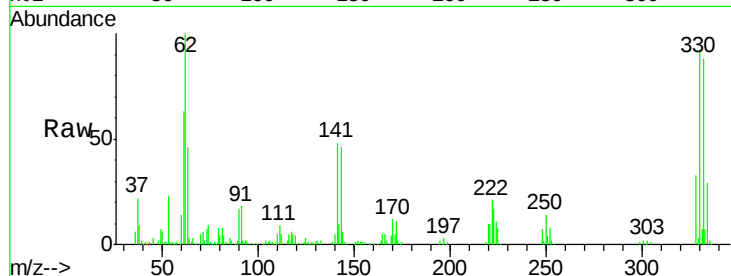
Tgt Ion:166 Resp: 12663

Ion Ratio Lower Upper

166 100

165 102.9 79.0 118.6

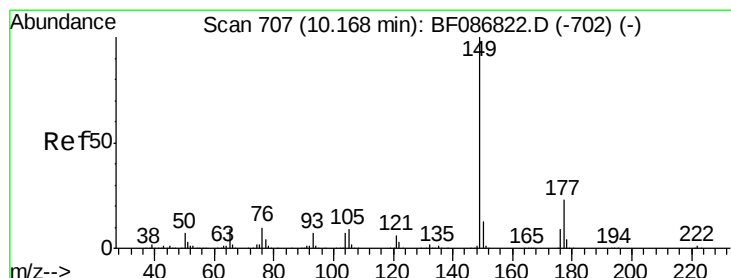
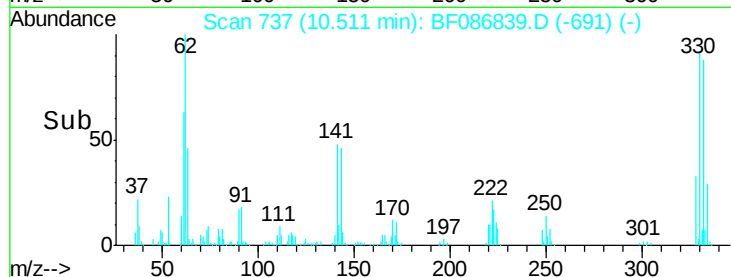
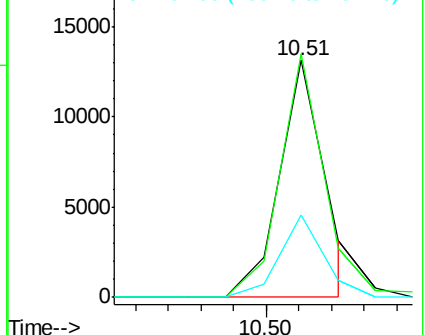
167 34.6 10.6 15.8#



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



#59

Diethylphthalate

Concen: 0.06 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

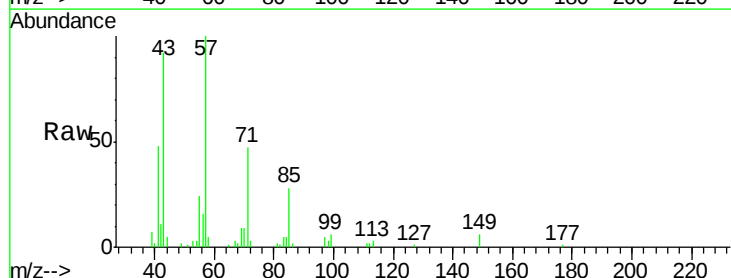
Tgt Ion:149 Resp: 1498

Ion Ratio Lower Upper

149 100

177 22.4 16.6 24.8

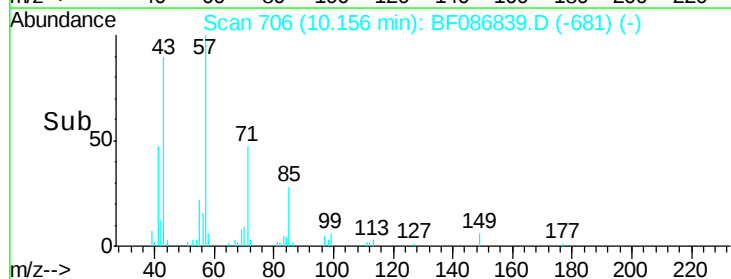
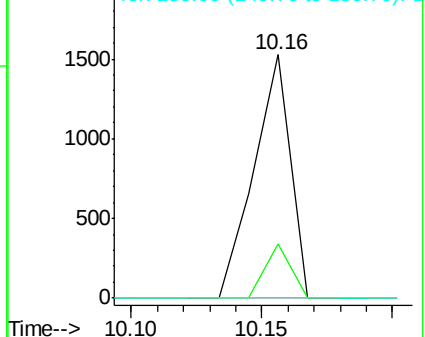
150 0.0 10.0 15.0#

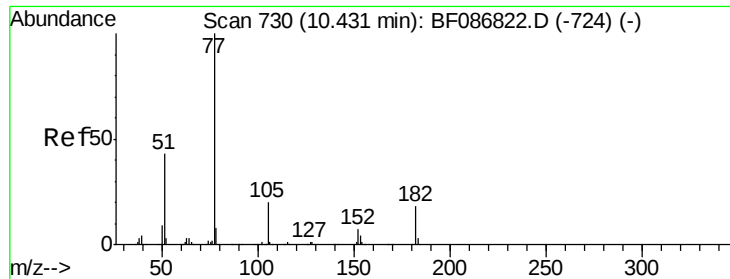


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.09 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.08 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

Tgt Ion: 77 Resp: 2279

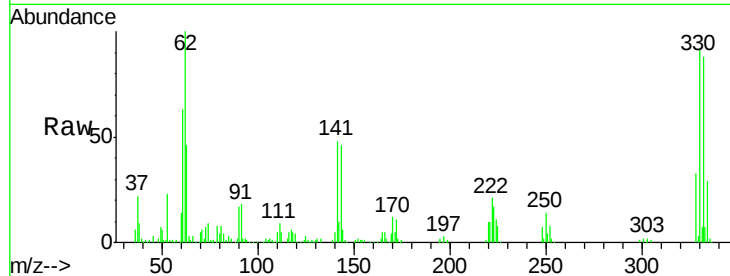
Ion Ratio Lower Upper

77 100

182 0.0 0.0 38.8

105 86.0 3.2 43.2#

51 115.5 8.8 48.8#

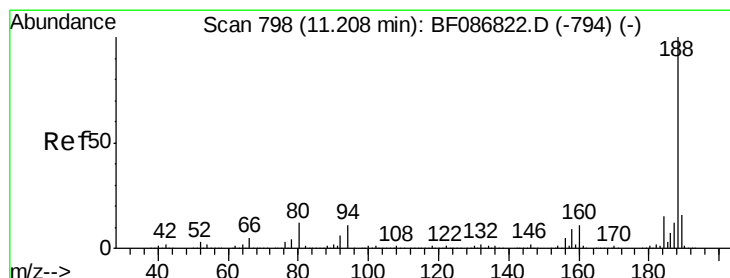
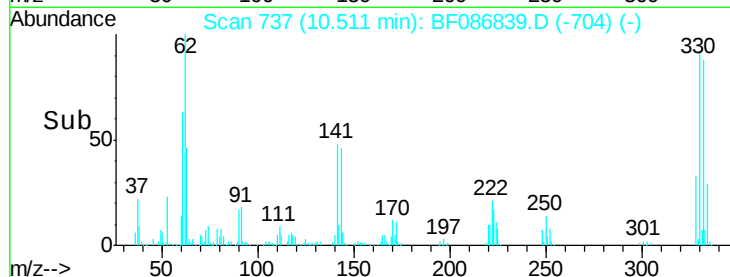
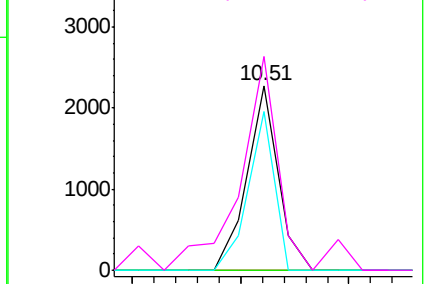


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

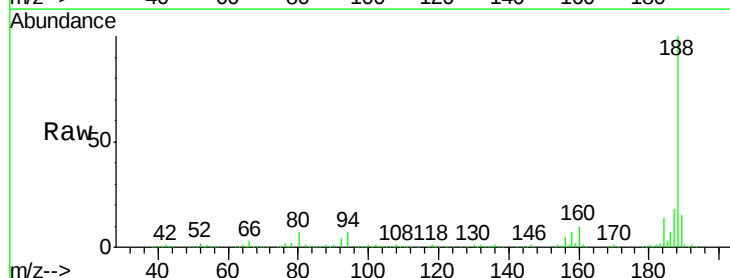
Tgt Ion: 188 Resp: 644140

Ion Ratio Lower Upper

188 100

94 7.0 6.8 10.2

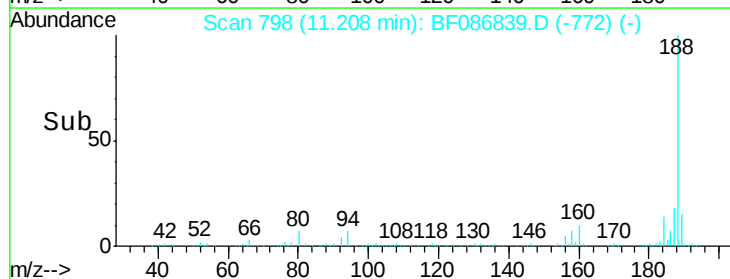
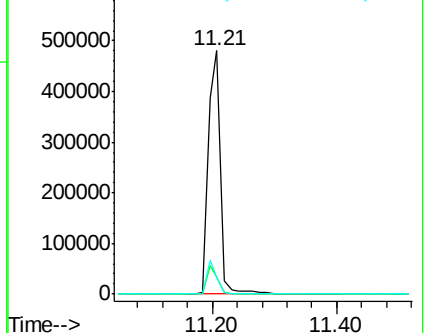
80 7.0 7.1 10.7#

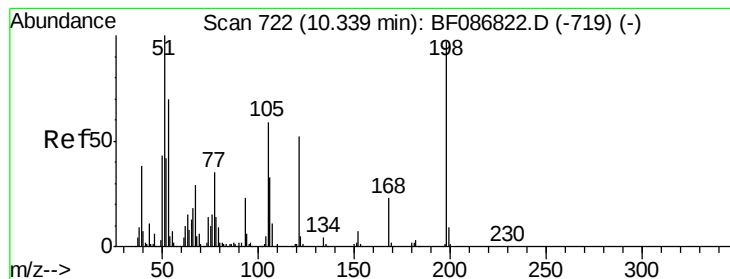


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.16 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.17 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

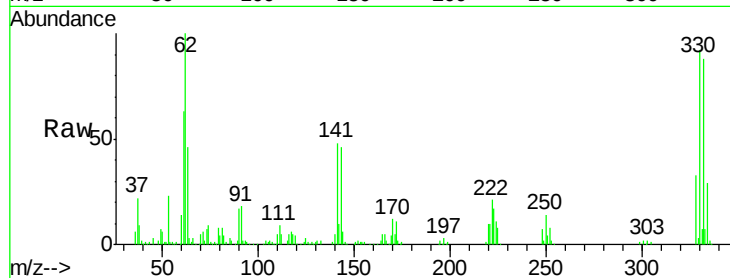
Tgt Ion:198 Resp: 633

Ion Ratio Lower Upper

198 100

51 285.5 20.5 60.5#

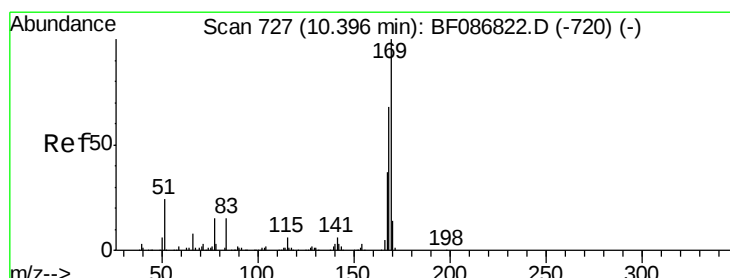
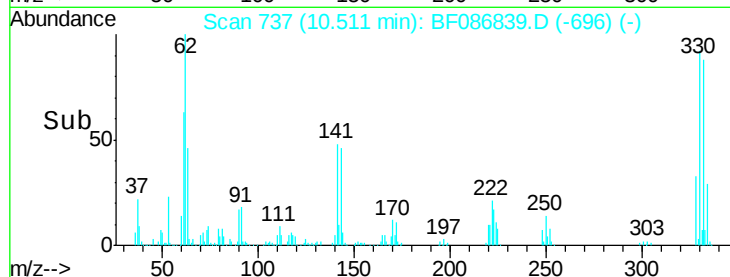
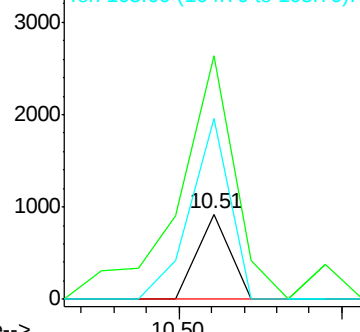
105 212.7 24.5 64.5#



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



#65

n-Nitrosodiphenylamine

Concen: 0.50 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.11 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

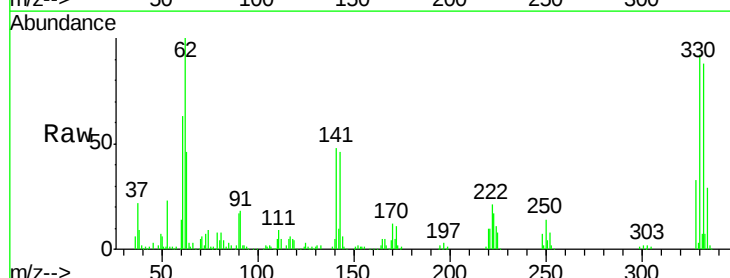
Tgt Ion:169 Resp: 9924

Ion Ratio Lower Upper

169 100

168 8.4 53.8 80.6#

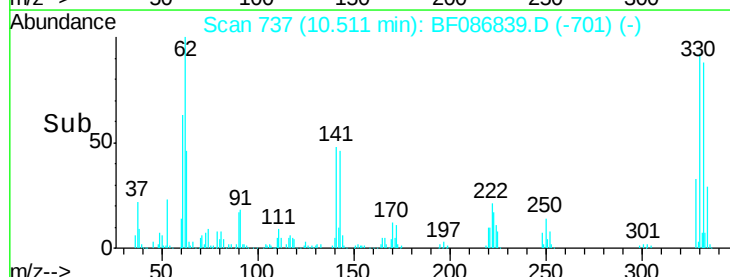
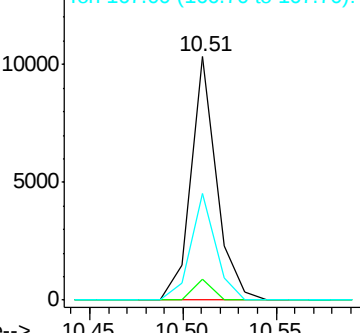
167 43.9 29.5 44.3

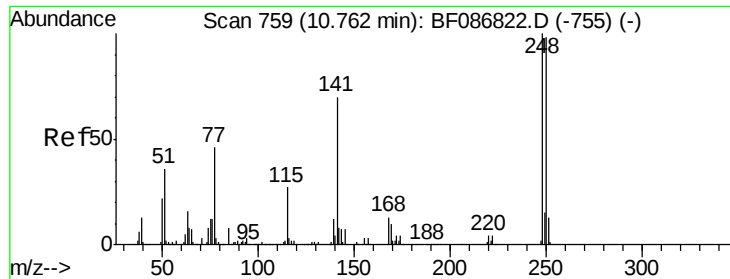


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

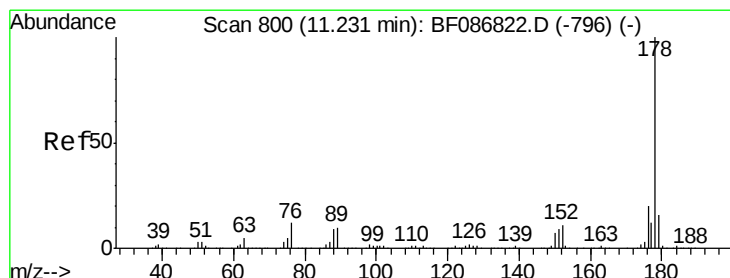
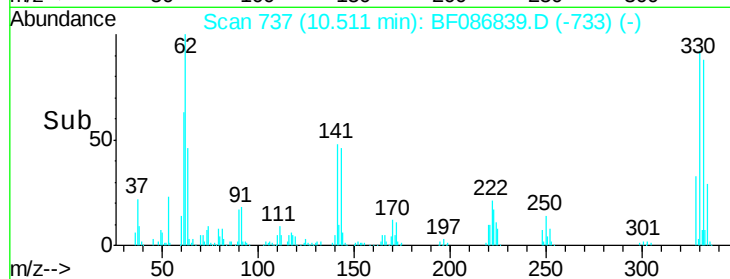
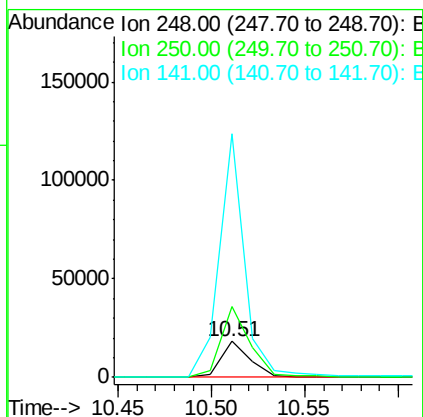
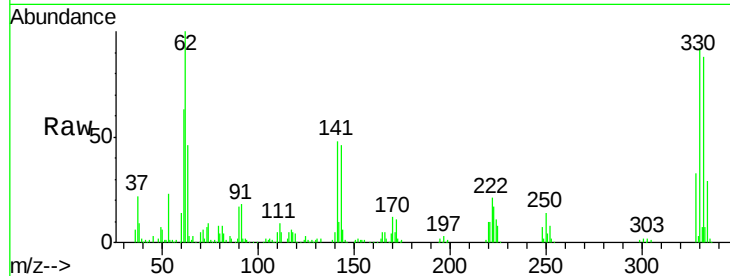




#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

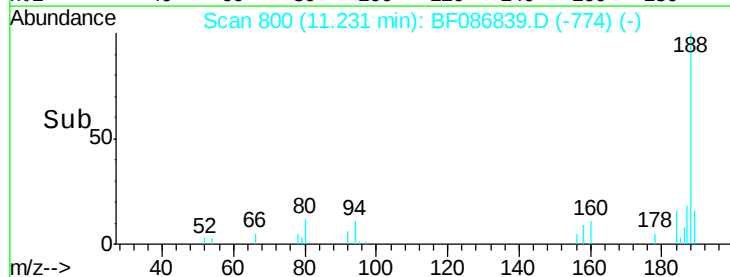
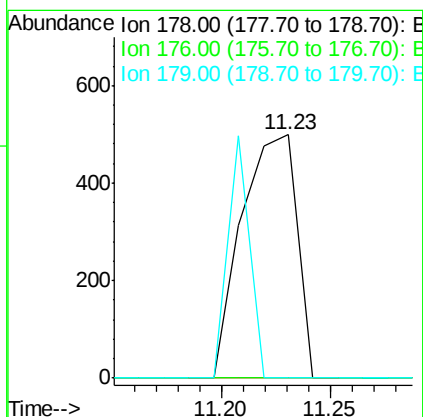
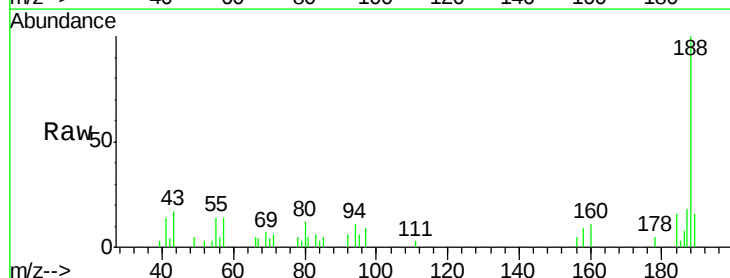
Instrument :
BNA_F
ClientSampleId :
TP6-5-7FT

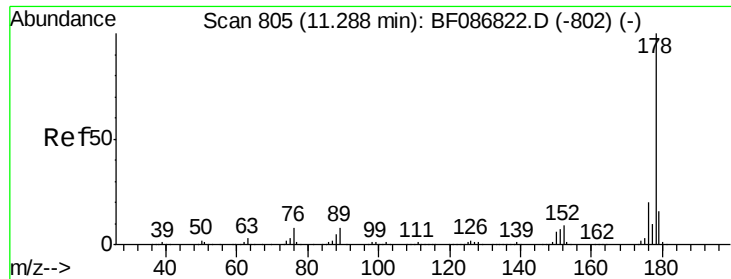
Tgt Ion:248 Resp: 19519
Ion Ratio Lower Upper
248 100
250 196.6 78.6 117.8#
141 681.3 76.0 114.0#



#70
Phenanthrene
Concen: 0.03 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF086839.D
Acq: 10 May 2016 00:00

Tgt Ion:178 Resp: 883
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 0.0 12.6 18.8#





#71

Anthracene

Concen: 0.03 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.06 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

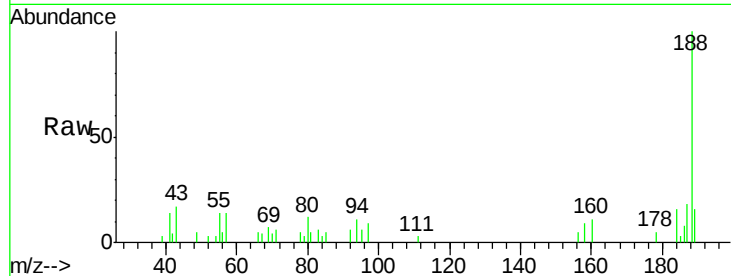
Tgt Ion:178 Resp: 883

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.23

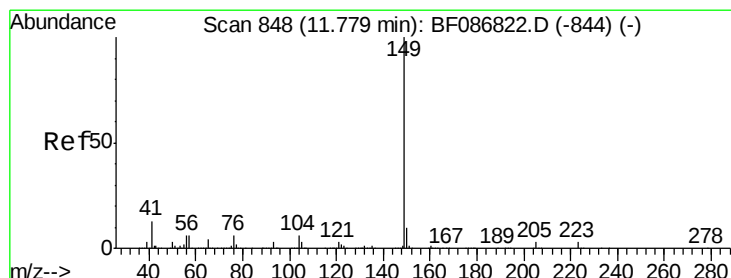
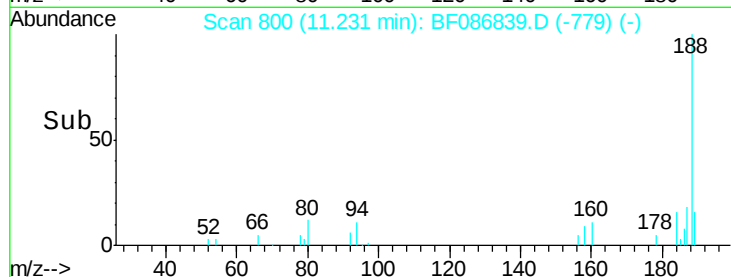
400

200

0

11.20 11.25

Time-->



#73

Di-n-butylphthalate

Concen: 0.06 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

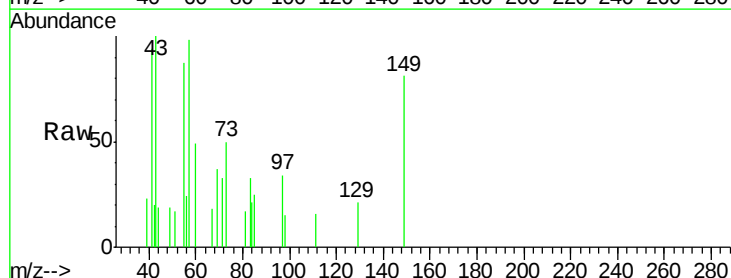
Tgt Ion:149 Resp: 2105

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.78

2000

1500

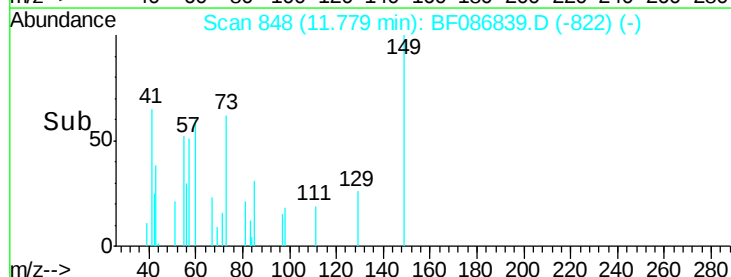
1000

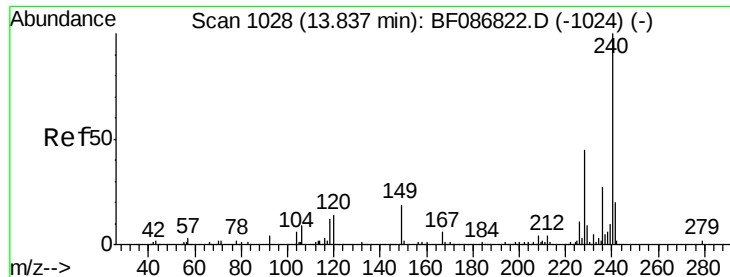
500

0

11.75 11.80

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

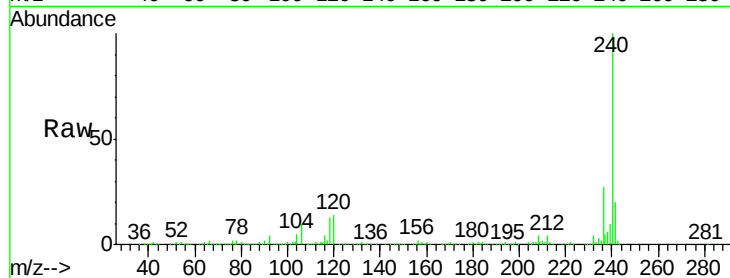
Tgt Ion:240 Resp: 501128

Ion Ratio Lower Upper

240 100

120 14.4 11.2 16.8

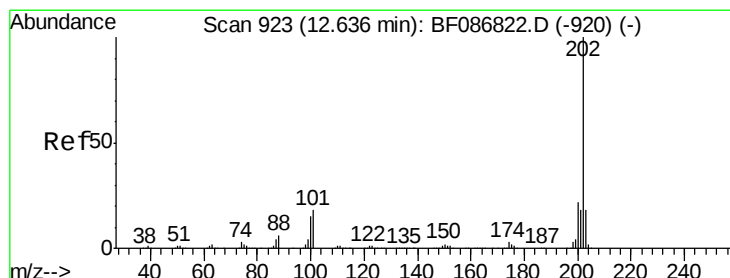
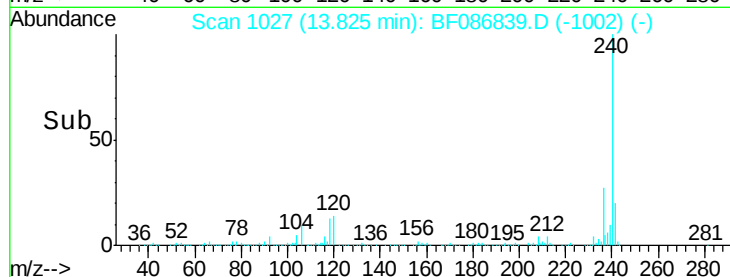
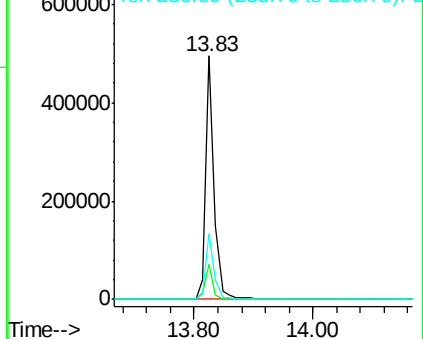
236 26.8 21.2 31.8



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



#77

Pyrene

Concen: 0.11 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.15 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

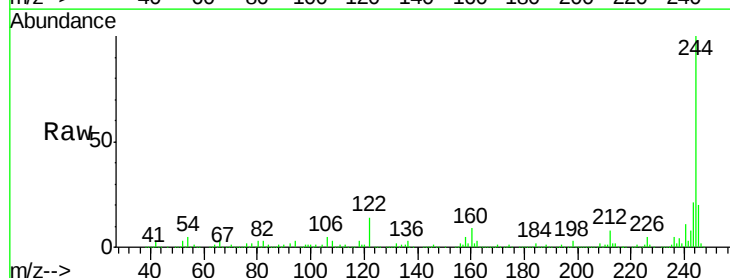
Tgt Ion:202 Resp: 4324

Ion Ratio Lower Upper

202 100

200 51.3 17.7 26.5#

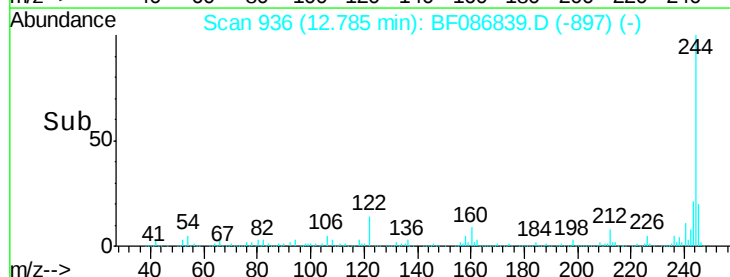
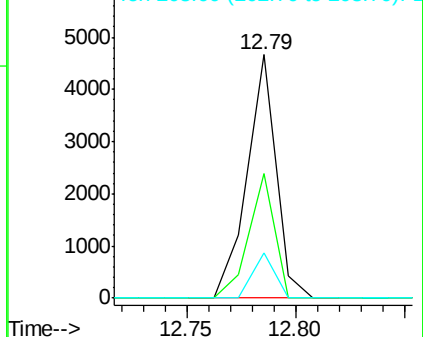
203 18.4 14.2 21.4

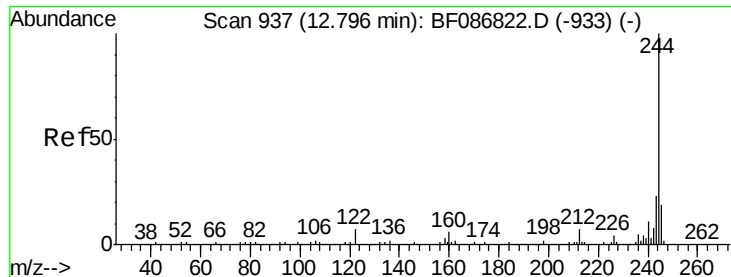


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

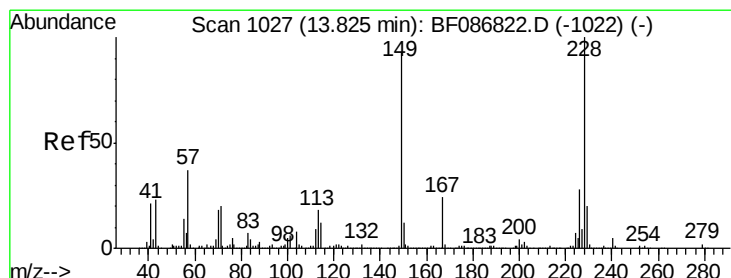
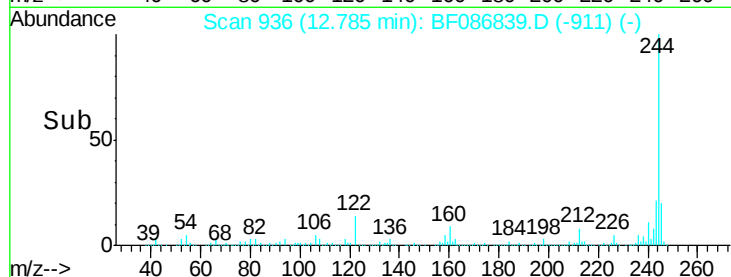
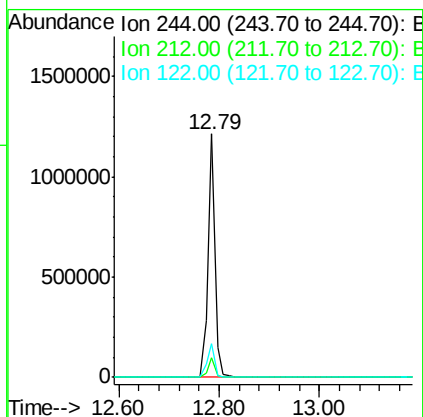
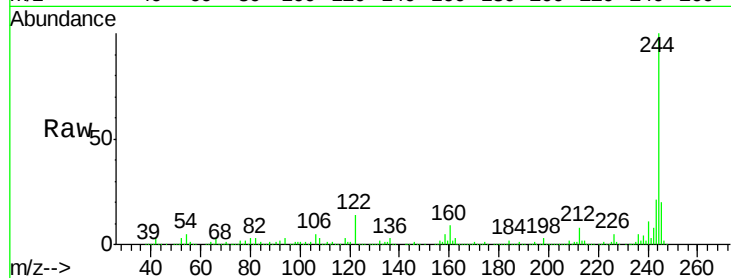




#78
 Terphenyl-d14
 Concen: 49.05 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

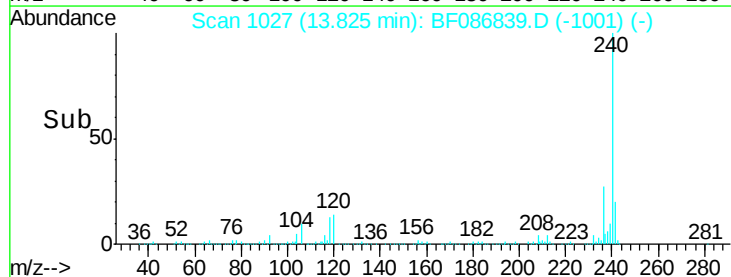
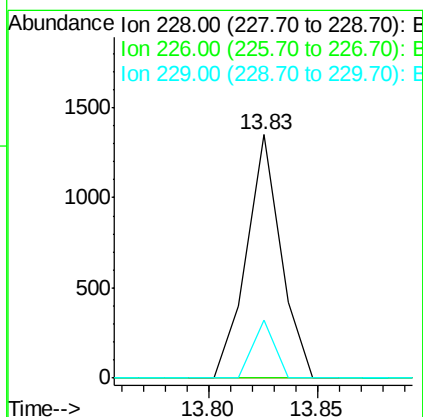
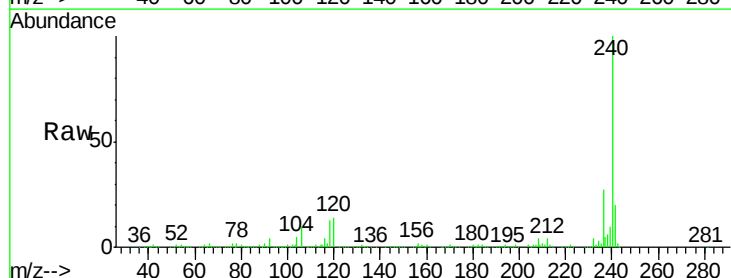
Instrument :
 BNA_F
 ClientSampleId :
 TP6-5-7FT

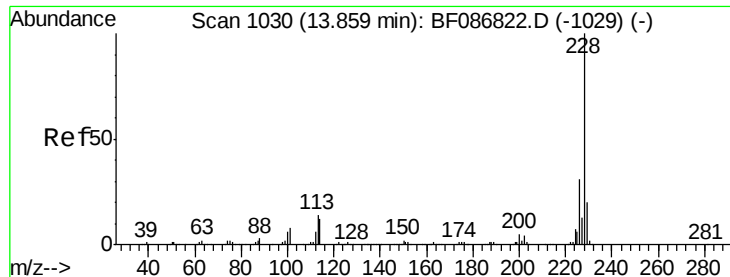
Tgt Ion:244 Resp: 1158573
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.7 12.0 18.0



#80
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086839.D
 Acq: 10 May 2016 00:00

Tgt Ion:228 Resp: 1491
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.5 33.7#
 229 23.7 16.6 25.0





#82

Chrysene

Concen: 0.05 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

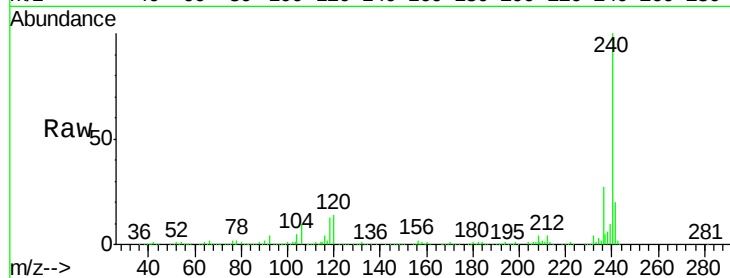
Tgt Ion:228 Resp: 1491

Ion Ratio Lower Upper

228 100

226 0.0 24.4 36.6#

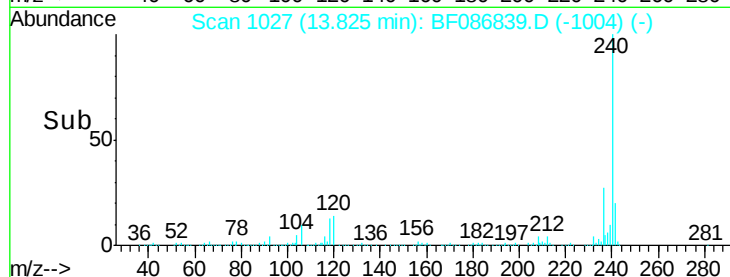
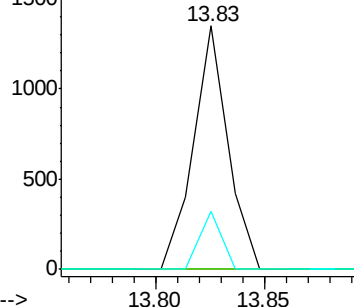
229 23.7 15.8 23.8



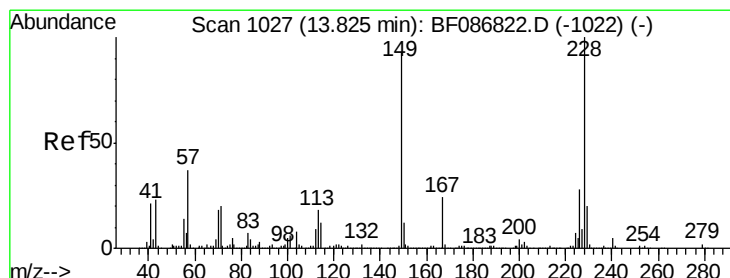
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

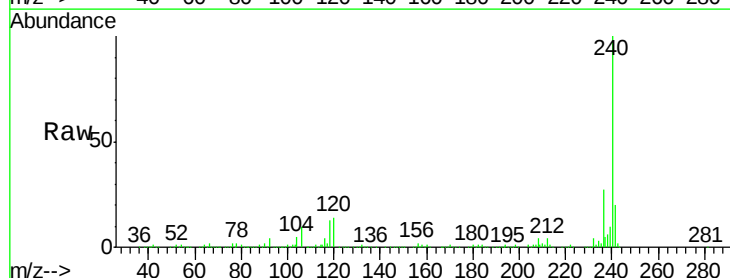
Tgt Ion:149 Resp: 908

Ion Ratio Lower Upper

149 100

167 68.9 21.8 32.6#

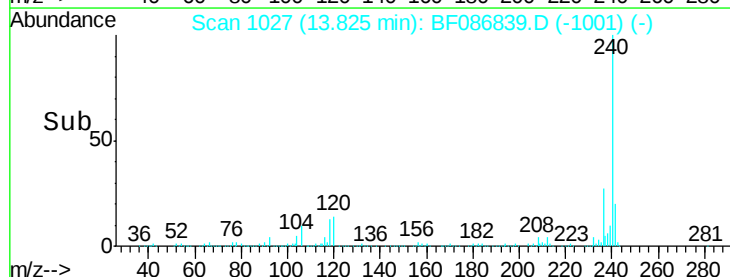
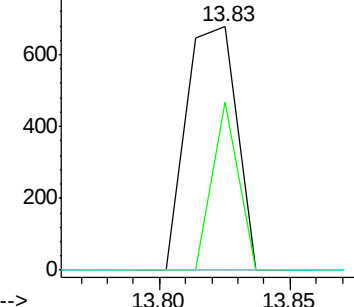
279 0.0 2.6 4.0#



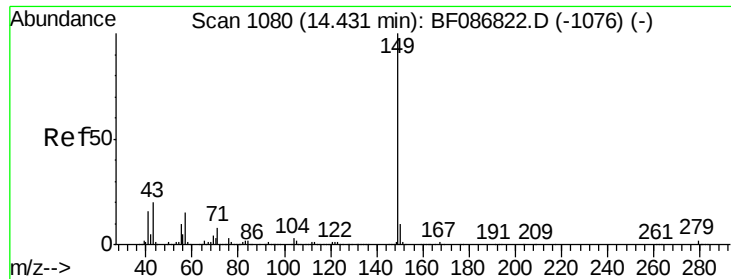
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.58 min Scan# 1093

Delta R.T. 0.15 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT

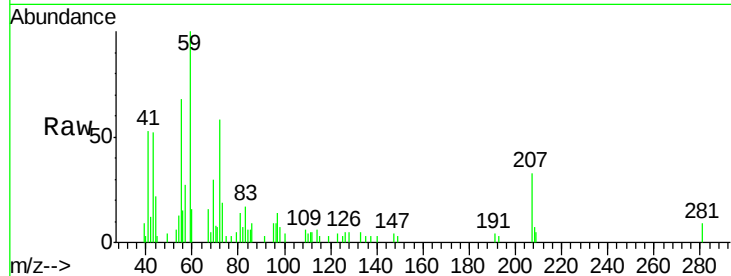
Tgt Ion:149 Resp: 213

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

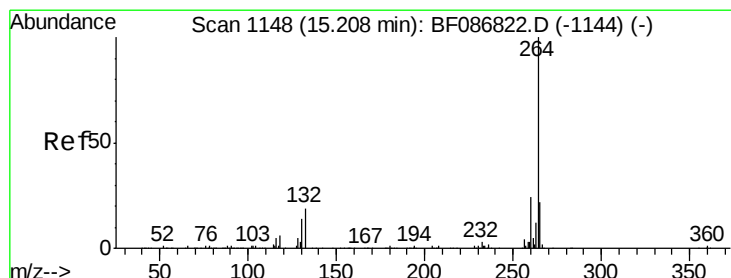
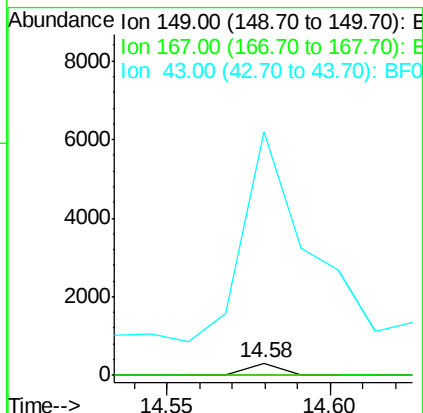
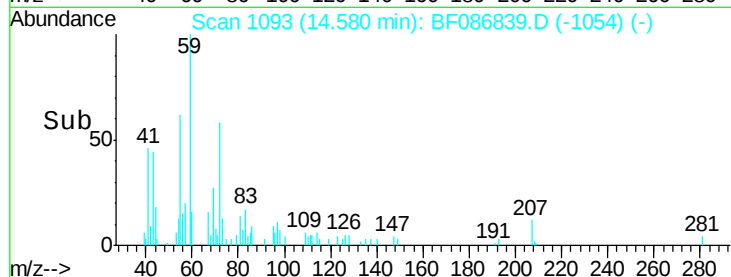
43 3195.8 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086839.D

Acq: 10 May 2016 00:00

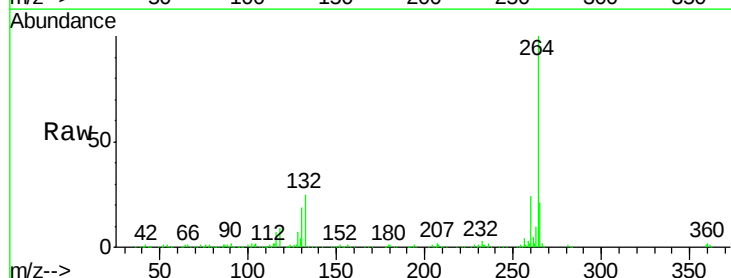
Tgt Ion:264 Resp: 376718

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

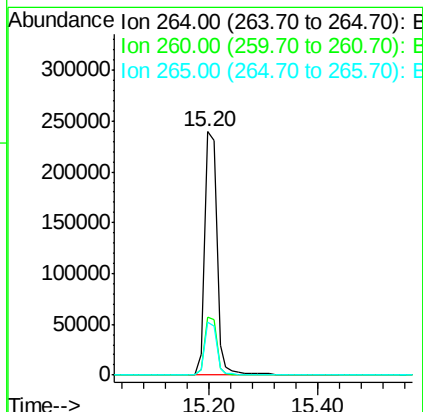
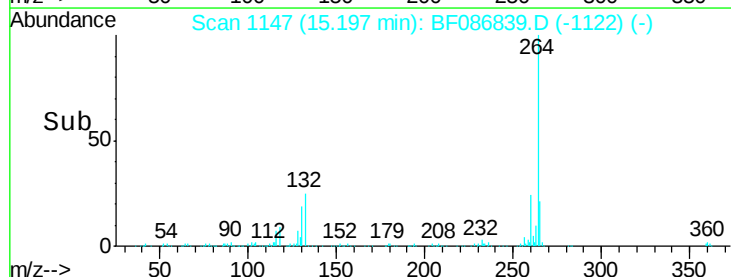
265 21.5 17.3 25.9

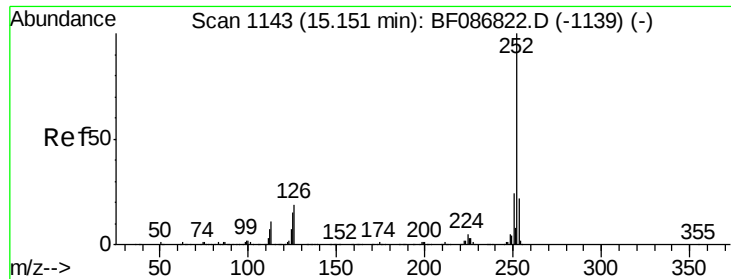


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.20 min Scan# 1147

Delta R.T. 0.05 min

Lab File: BF086839.D

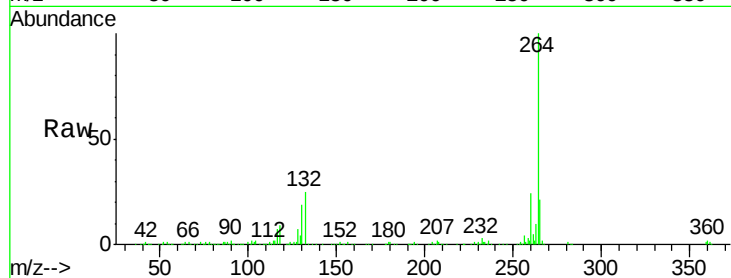
Acq: 10 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

TP6-5-7FT



Tgt Ion:	252	Resp:	1044
Ion	Ratio	Lower	Upper
252	100		
253	49.8	17.2	25.8#
125	49.9	9.0	13.6#

