

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082779.D
 Acq On : 6 Nov 2015 23:51
 Operator : UM/IZ
 Sample : G4258-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)

Quant Time: Nov 07 03:13:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	228313	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	851797	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	465449	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	937475	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	704108	20.00	ng	-0.02
86) Perylene-d12	15.43	264	633835	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1366025	93.09	ng	0.01
7) Phenol-d6	6.48	99	1586433	81.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	1055165	53.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	404198	75.74	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1538019	47.36	ng	-0.01
78) Terphenyl-d14	12.96	244	1507724	50.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	510	0.08	ng	# 20
4) n-Nitrosodimethylamine	3.16	42	304	0.03	ng	# 1
6) Aniline	6.49	93	260	0.01	ng	# 1
8) 2-Chlorophenol	6.62	128	901	0.06	ng	# 1
9) Benzaldehyde	6.61	77	33593	3.12	ng	86
10) Phenol	6.49	94	16105	0.73	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	2066	0.12	ng	# 1
15) Benzyl Alcohol	7.00	79	17061	1.00	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1164	0.05	ng	71
19) n-Nitroso-di-n-propylamine	7.40	70	135997	9.48	ng	# 71
22) Acetophenone	7.25	105	342	0.01	ng	# 43
24) Nitrobenzene	7.40	77	2600	0.13	ng	# 36
25) Isophorone	7.40	82	915221	25.27	ng	# 69
31) Naphthalene	8.16	128	1861	0.04	ng	# 67
45) 1,1'-Biphenyl	9.21	154	3213	0.08	ng	# 1
47) 2-Nitroaniline	9.61	65	5590	0.48	ng	# 1
49) Dimethylphthalate	9.61	163	549054	14.40	ng	98
50) 2,6-Dinitrotoluene	9.61	165	5992	0.74	ng	# 48
51) Acenaphthene	9.88	154	1968	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	60571	5.49	ng	# 15
57) Fluorene	10.67	166	21022	0.62	ng	# 88
59) Diethylphthalate	10.30	149	3016	0.08	ng	# 96
62) Azobenzene	10.60	77	660	0.02	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	839	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	13604	0.40	ng	# 44
66) 4-Bromophenyl-phenylether	10.67	248	27642	2.45	ng	# 1
70) Phenanthrene	11.39	178	1462	0.03	ng	# 58
71) Anthracene	11.39	178	1462	0.03	ng	# 58
73) Di-n-butylphthalate	11.94	149	4916	0.08	ng	# 96
74) Fluoranthene	12.58	202	259	0.00	ng	63
77) Pyrene	12.96	202	5288	0.11	ng	# 66
80) Benzo(a)anthracene	14.00	228	1946	0.04	ng	# 63
82) Chrysene	14.00	228	1946	0.05	ng	# 60
83) Bis(2-ethylhexyl)phthalate	14.00	149	2518	0.09	ng	# 87

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

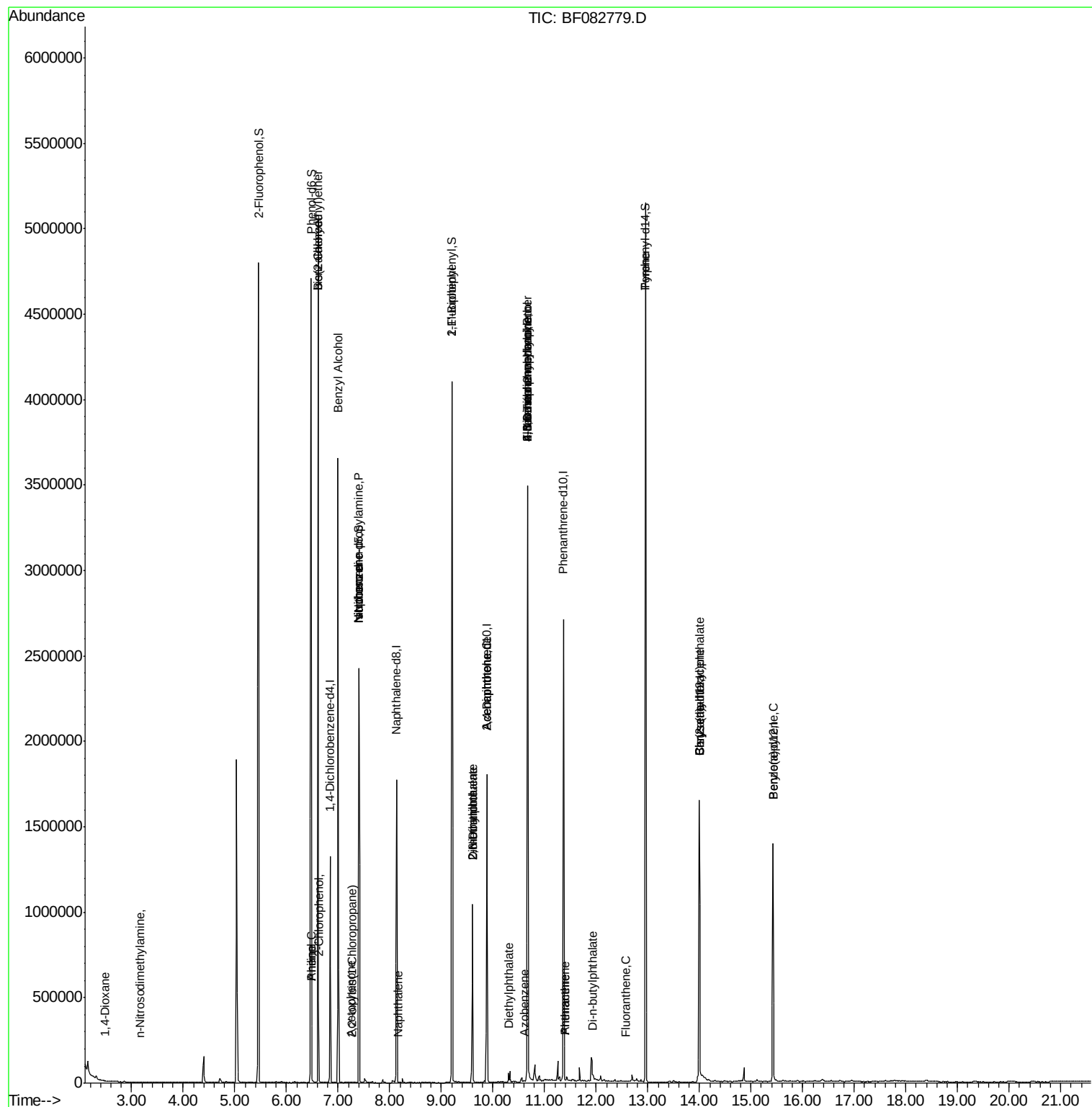
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.43	252	2172	0.06	ng	# 74

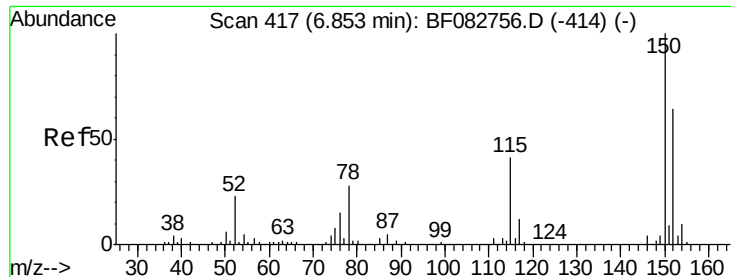
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

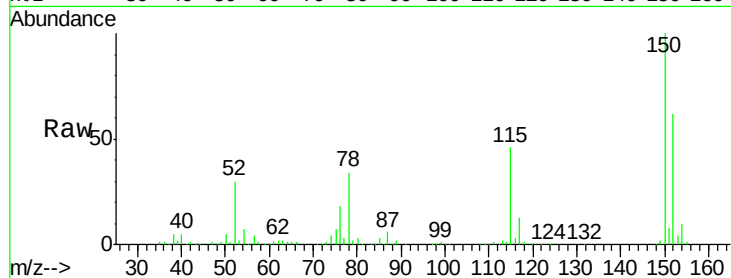
Tgt Ion:152 Resp: 228313

Ion Ratio Lower Upper

152 100

150 161.7 127.0 190.4

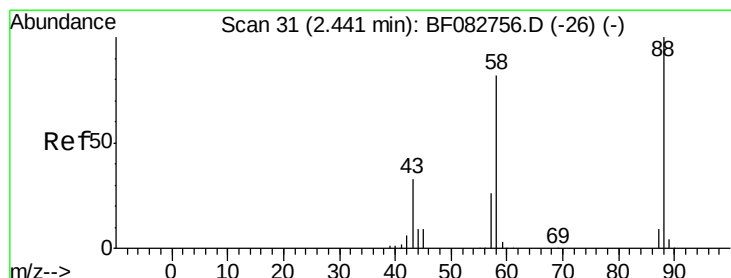
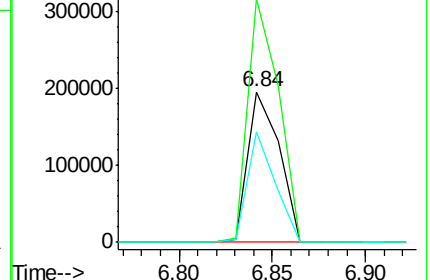
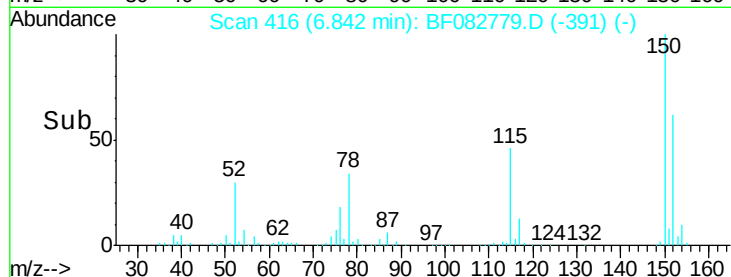
115 73.8 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.08 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.03 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

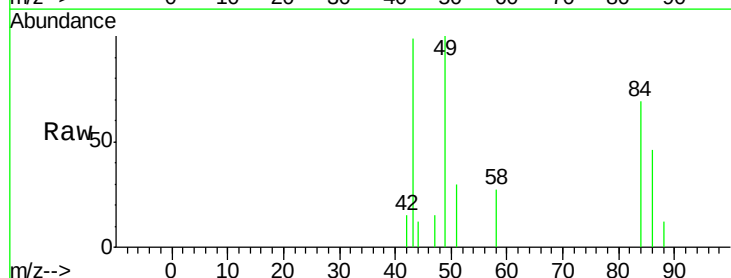
Tgt Ion: 88 Resp: 510

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

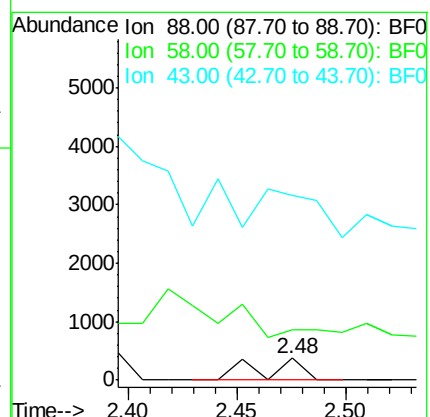
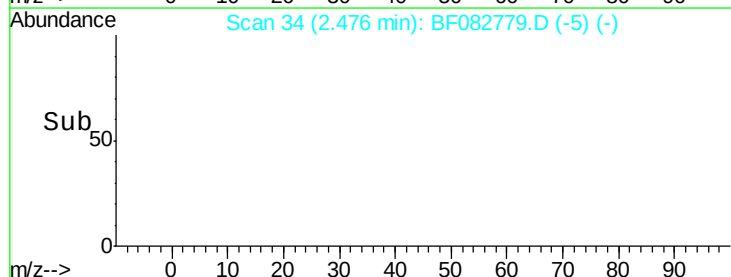
43 0.0 26.6 40.0#

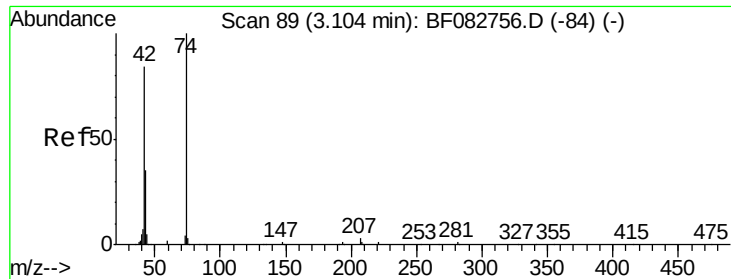


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

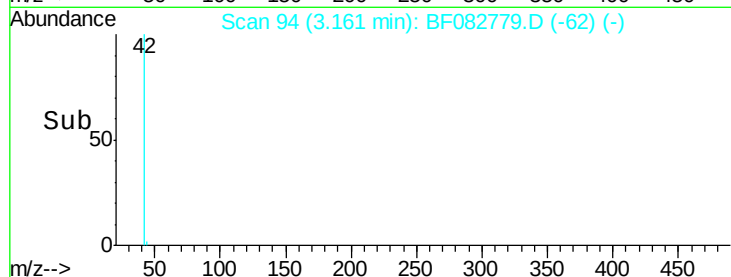
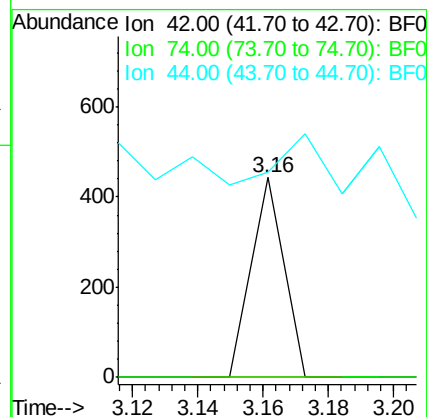
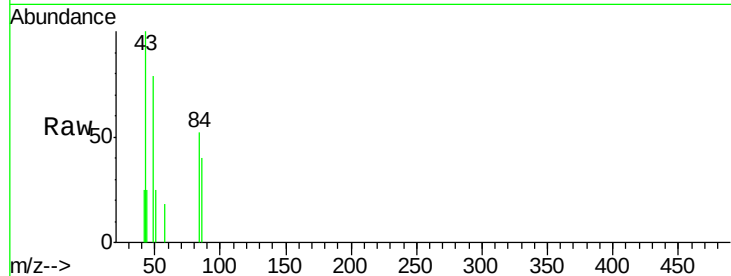
Tgt Ion: 42 Resp: 304

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 102.5 5.8 8.8#



#5

2-Fluorophenol

Concen: 93.09 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

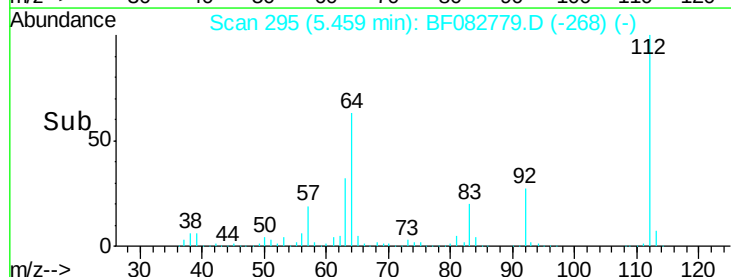
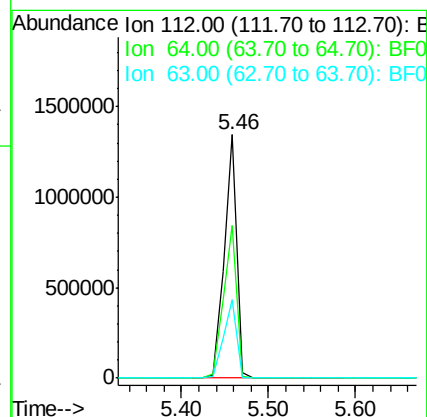
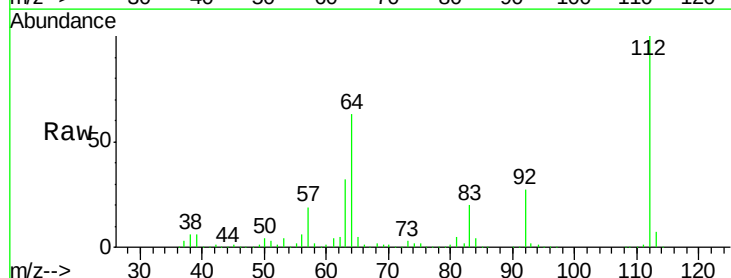
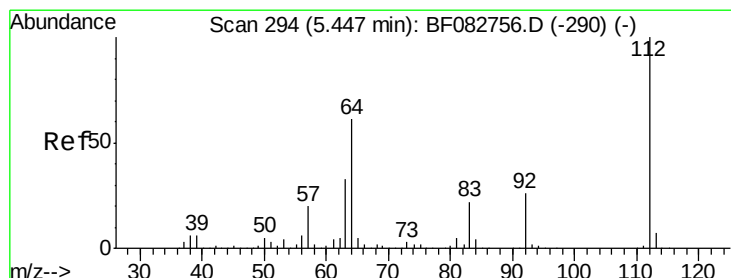
Tgt Ion: 112 Resp: 1366025

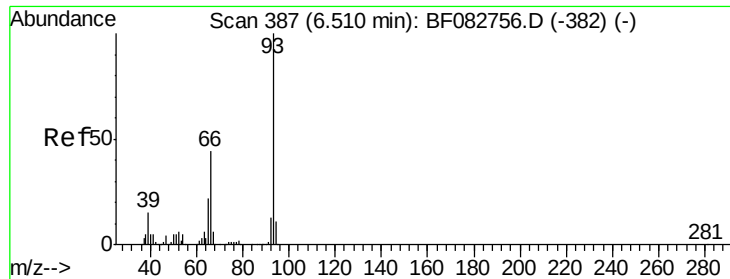
Ion Ratio Lower Upper

112 100

64 62.5 48.9 73.3

63 32.2 28.1 42.1





#6

Aniline

Concen: 0.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

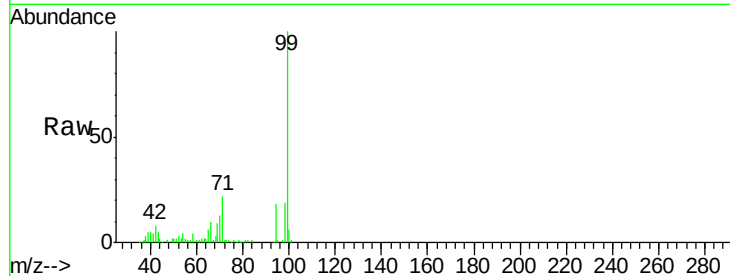
Tgt Ion: 93 Resp: 260

Ion Ratio Lower Upper

93 100

66 3048.8 33.6 50.4#

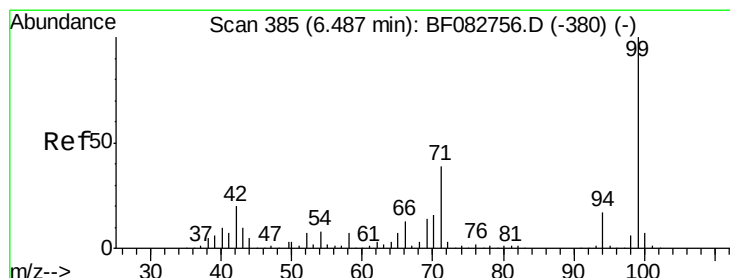
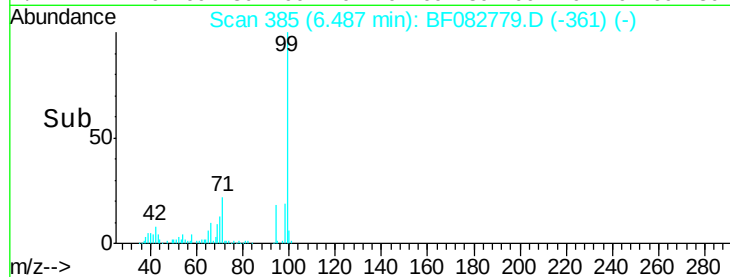
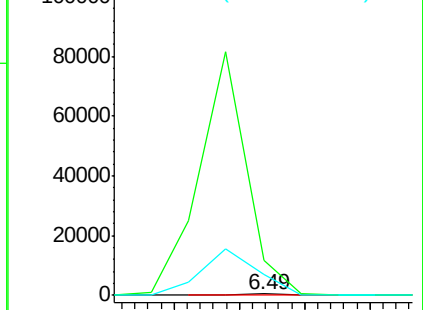
65 1884.2 18.1 27.1#



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: 81.32 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

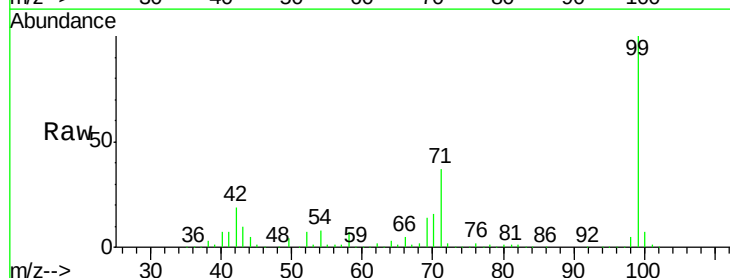
Tgt Ion: 99 Resp: 1586433

Ion Ratio Lower Upper

99 100

42 19.4 19.2 28.8

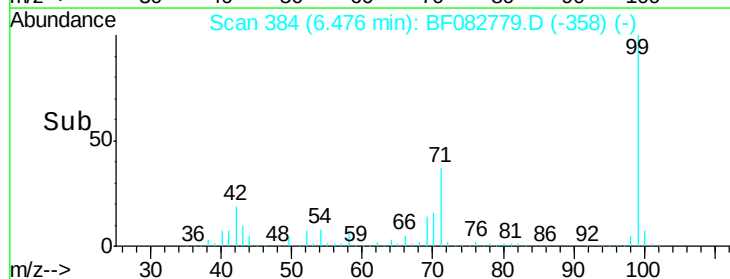
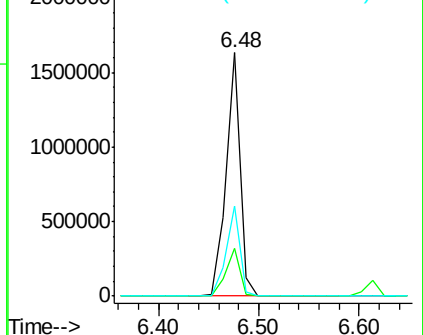
71 36.8 35.0 52.4

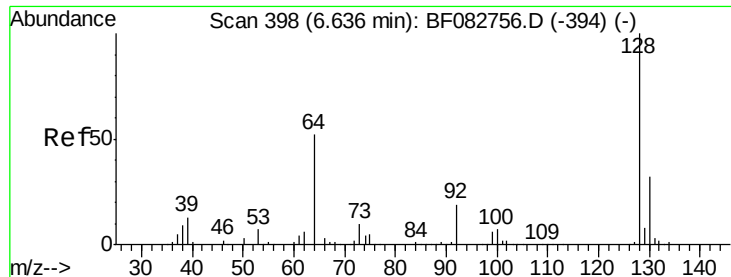


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.06 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

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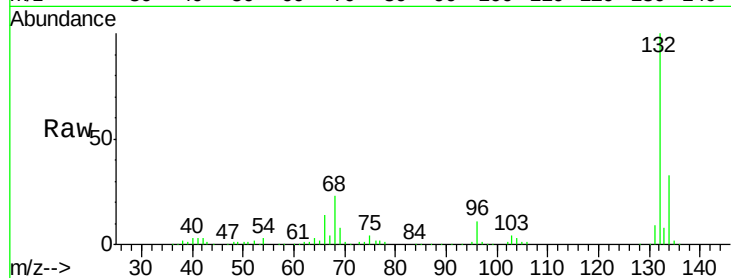
Tgt Ion:128 Resp: 901

Ion Ratio Lower Upper

128 100

130 96.2 13.5 53.5#

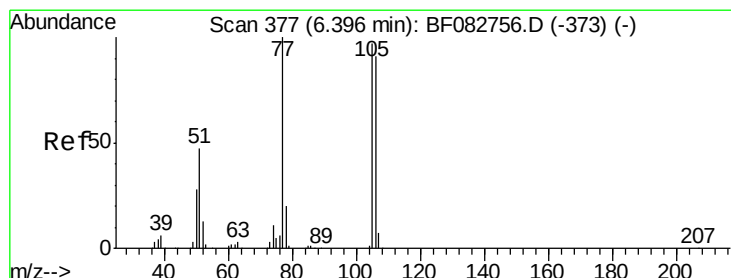
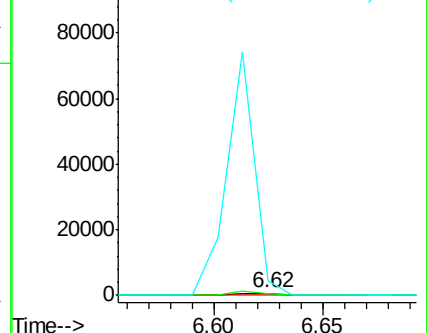
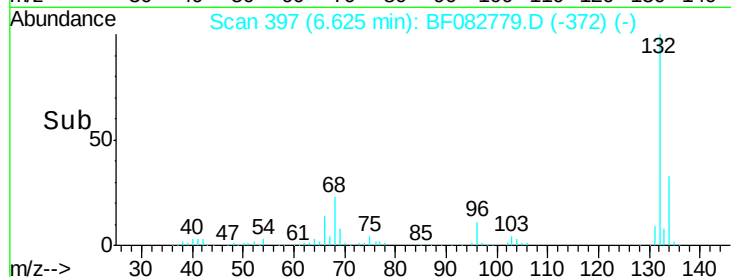
64 791.0 21.1 61.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 3.12 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

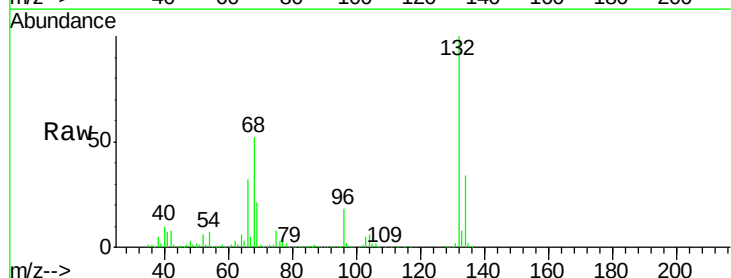
Tgt Ion: 77 Resp: 33593

Ion Ratio Lower Upper

77 100

105 74.2 63.5 103.5

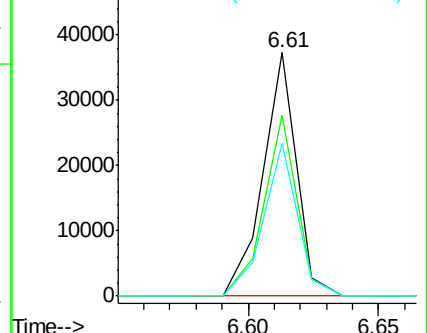
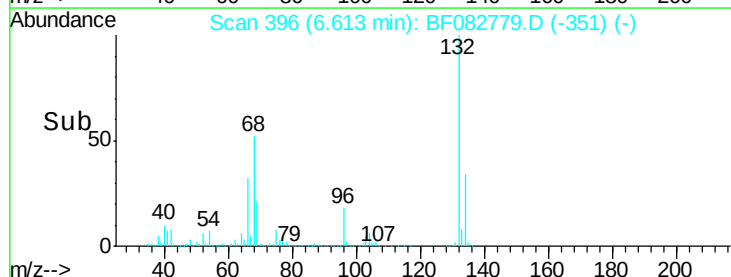
106 62.8 59.3 99.3

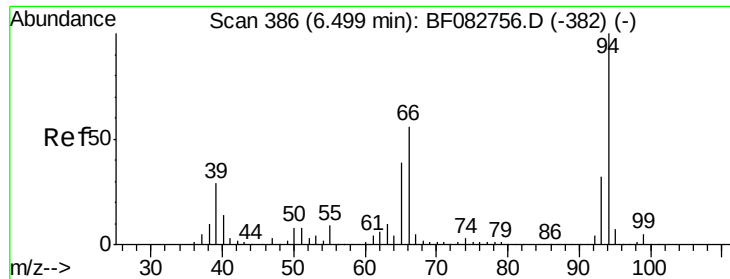


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.73 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

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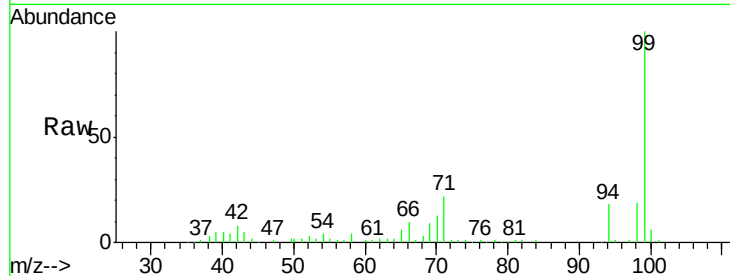
Tgt Ion: 94 Resp: 16105

Ion Ratio Lower Upper

94 100

65 33.0 18.9 58.9

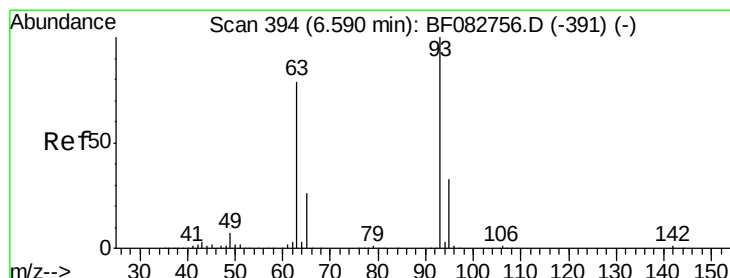
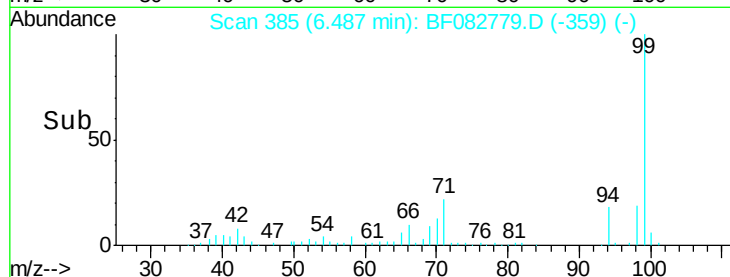
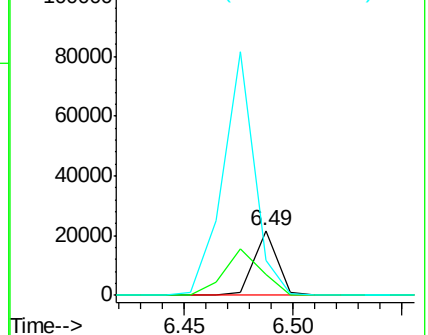
66 53.5 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

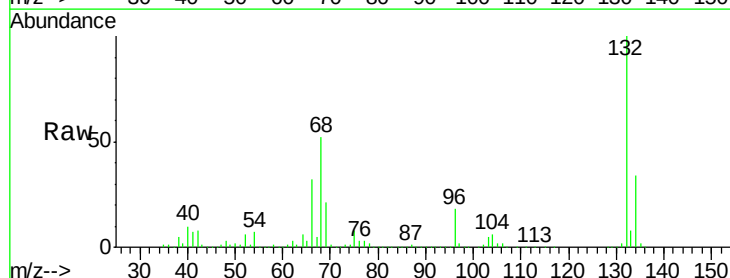
Tgt Ion: 93 Resp: 2066

Ion Ratio Lower Upper

93 100

63 691.5 72.7 112.7#

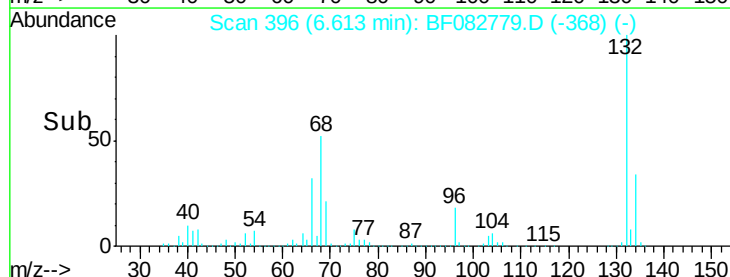
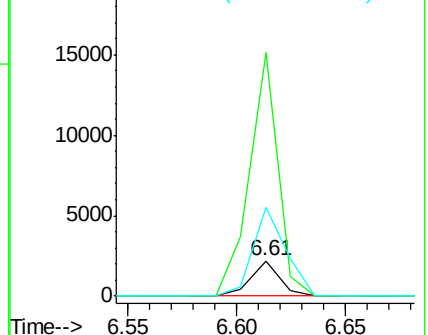
95 253.2 12.0 52.0#

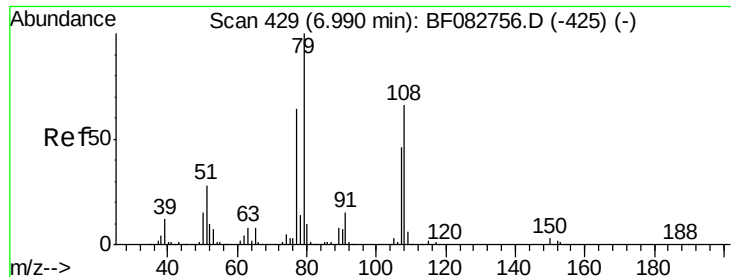


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.00 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

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ClientSampleId :

COFF-WP11-1(0-2)

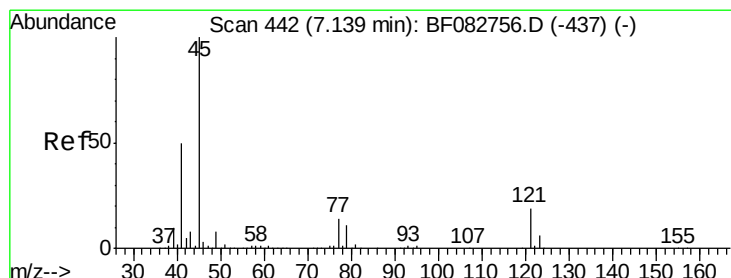
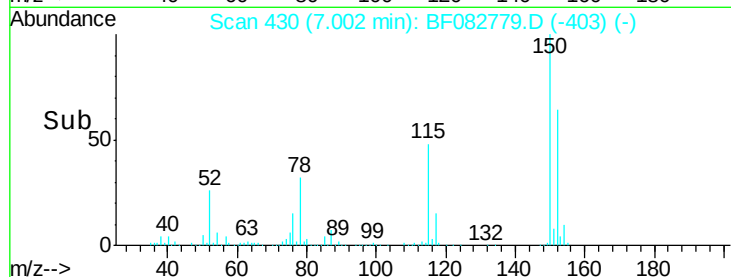
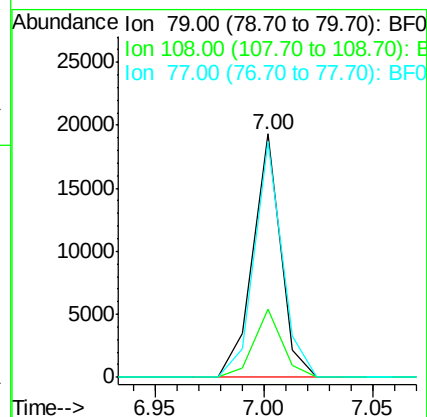
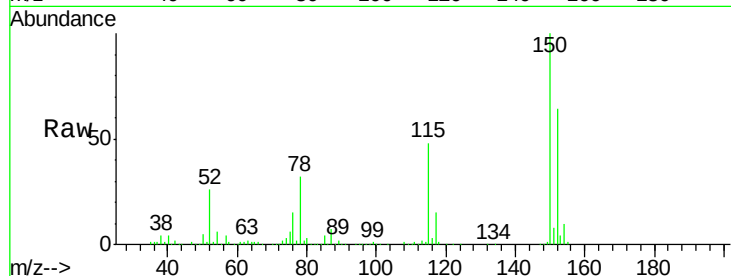
Tgt Ion: 79 Resp: 17061

Ion Ratio Lower Upper

79 100

108 28.3 52.2 78.4#

77 96.9 52.7 79.1#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.05 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

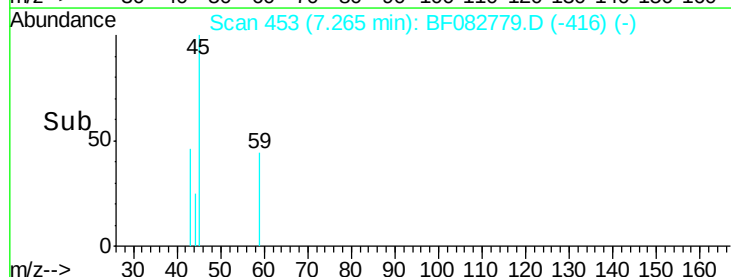
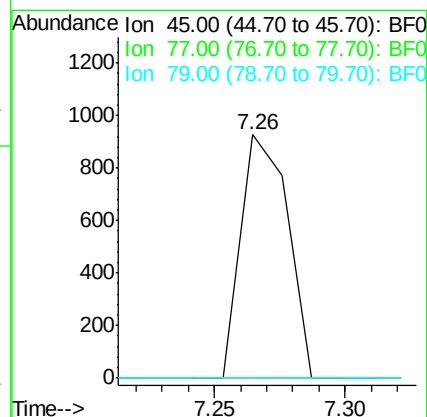
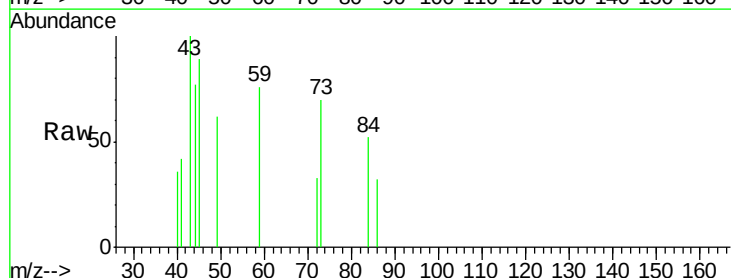
Tgt Ion: 45 Resp: 1164

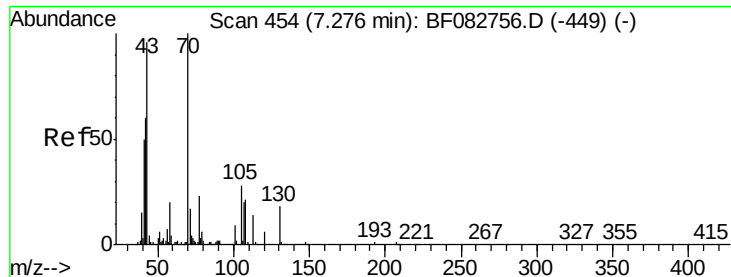
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.6

79 0.0 0.0 29.2

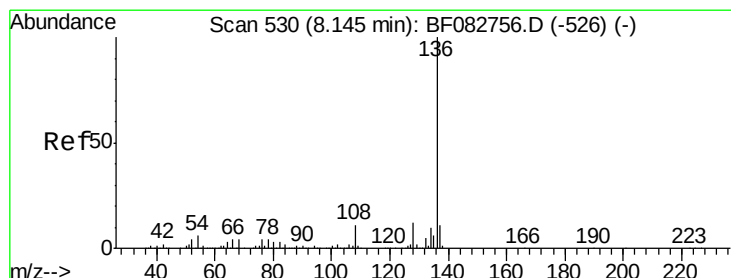
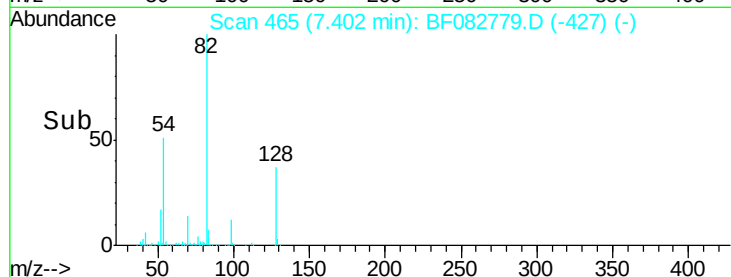
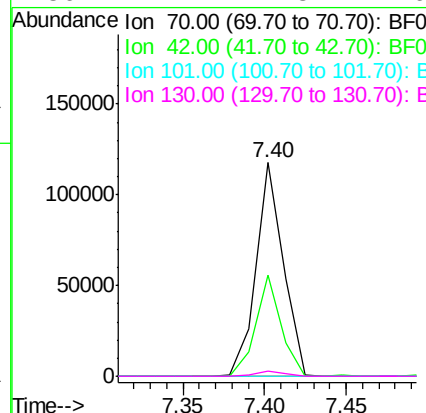
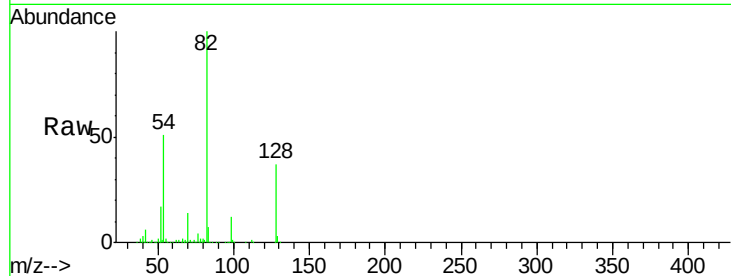




#19
n-Nitroso-di-n-propylamine
Concen: 9.48 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

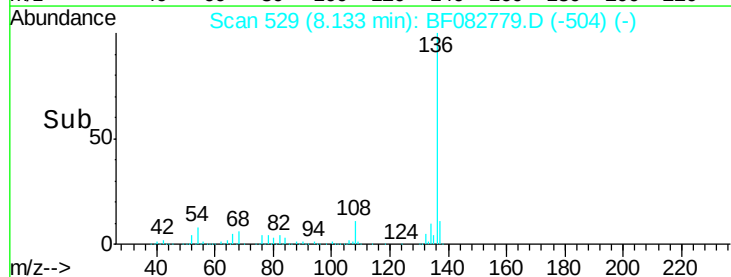
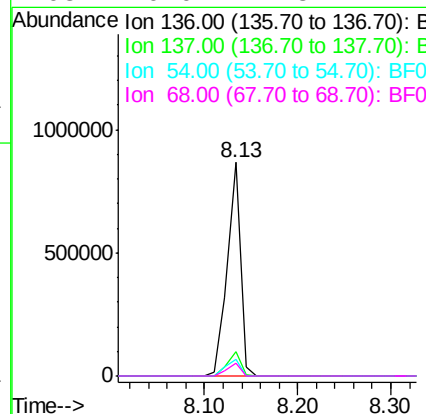
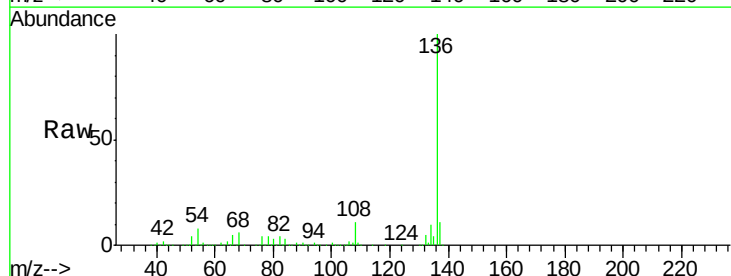
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)

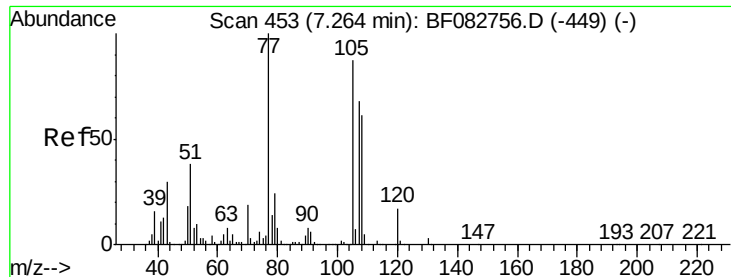
Tgt Ion: 70 Resp: 135997
Ion Ratio Lower Upper
70 100
42 47.3 57.7 86.5#
101 0.0 7.0 10.6#
130 2.2 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

Tgt Ion: 136 Resp: 851797
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.0 9.1 13.7#
68 6.0 4.8 7.2





#22

Acetophenone

Concen: 0.01 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

Tgt Ion: 105 Resp: 342

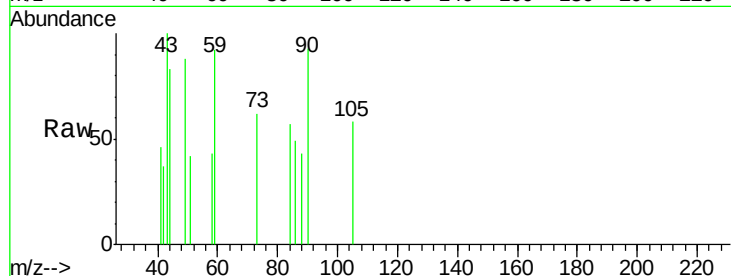
Ion Ratio Lower Upper

105 100

71 0.0 5.6 8.4#

51 72.1 24.9 37.3#

120 0.0 15.8 23.8#

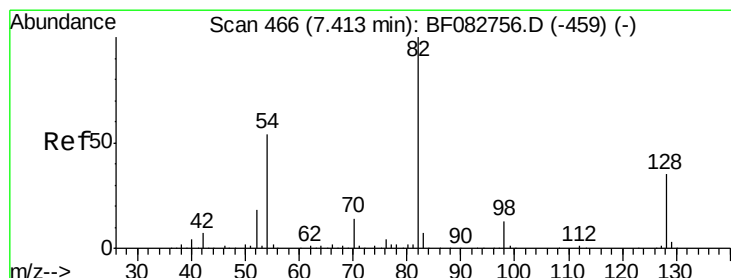
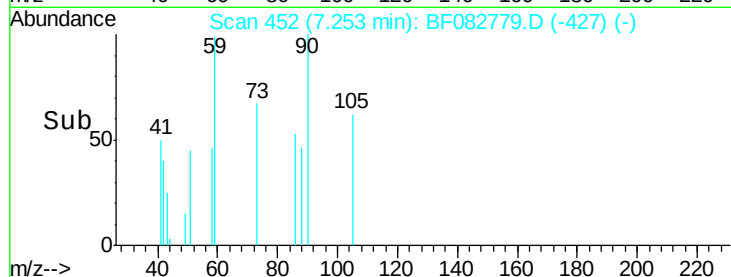
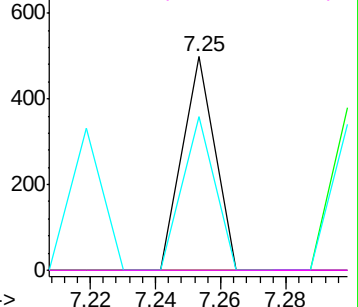


Abundance Ion 105.00 (104.70 to 105.70): E

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: 53.90 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

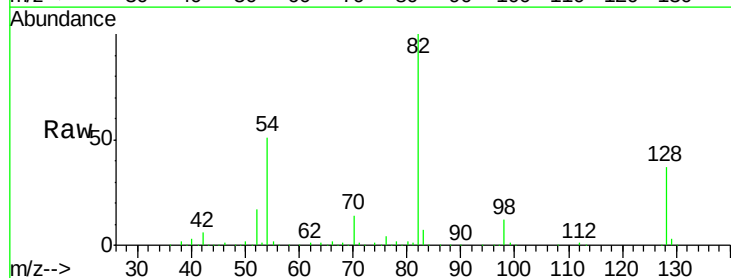
Tgt Ion: 82 Resp: 1055165

Ion Ratio Lower Upper

82 100

128 36.9 26.8 40.2

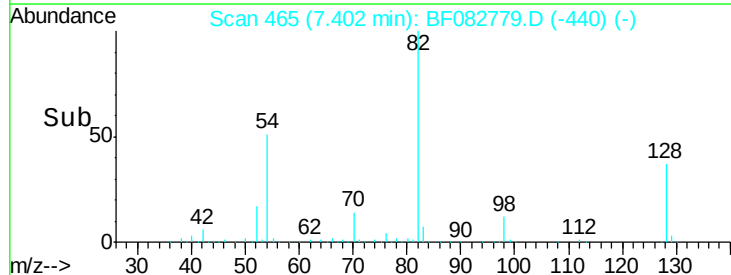
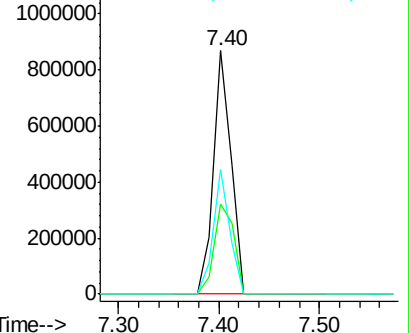
54 51.3 45.7 68.5

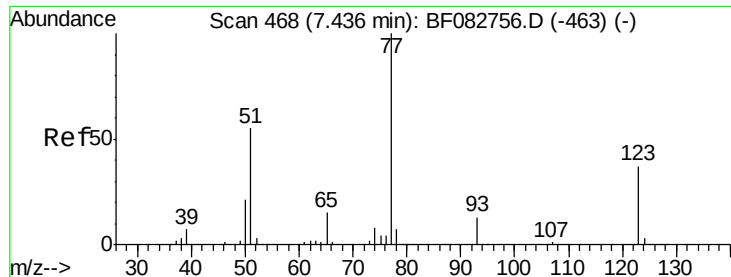


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

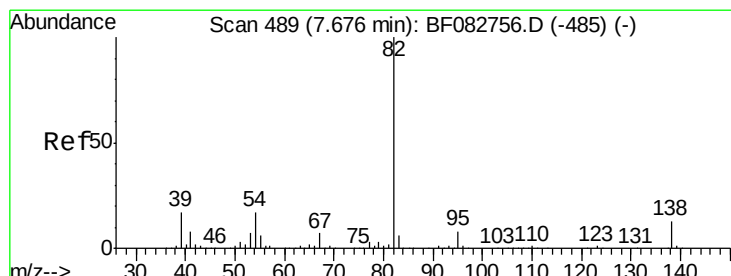
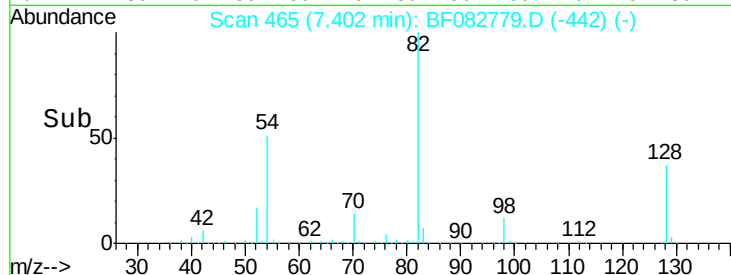
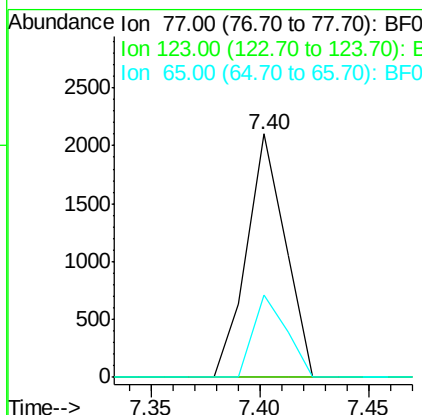
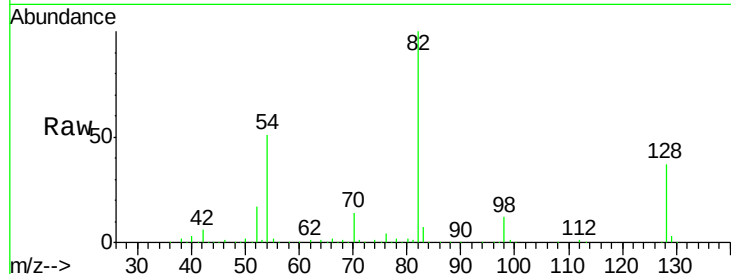




#24
 Nitrobenzene
 Concen: 0.13 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

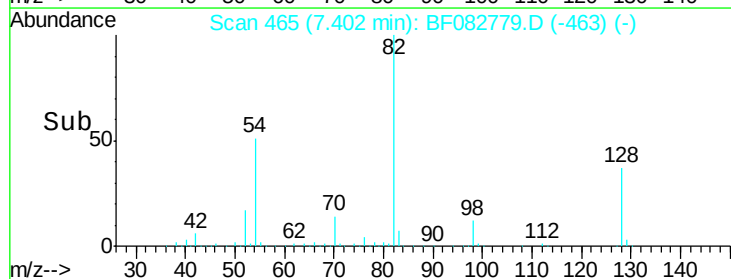
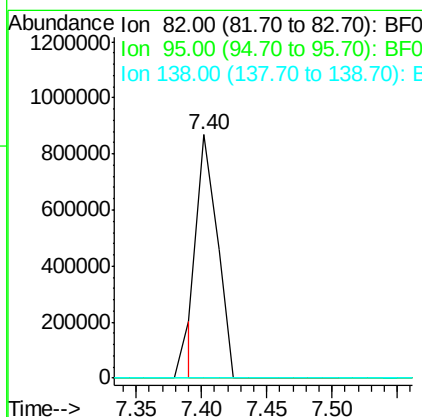
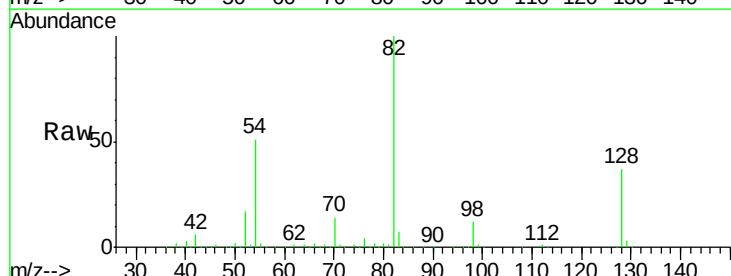
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)

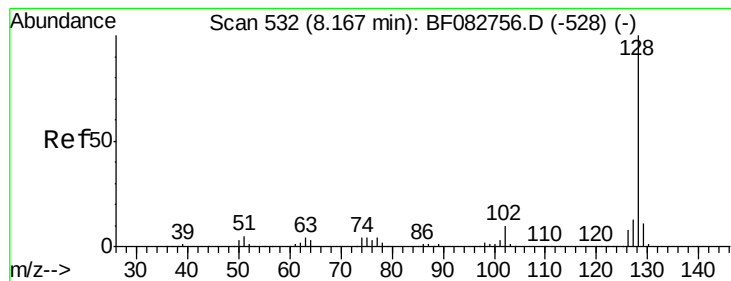
Tgt Ion: 77 Resp: 2600
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 34.0 11.5 17.3#



#25
 Isophorone
 Concen: 25.27 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.27 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Tgt Ion: 82 Resp: 915221
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#31

Naphthalene

Concen: 0.04 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

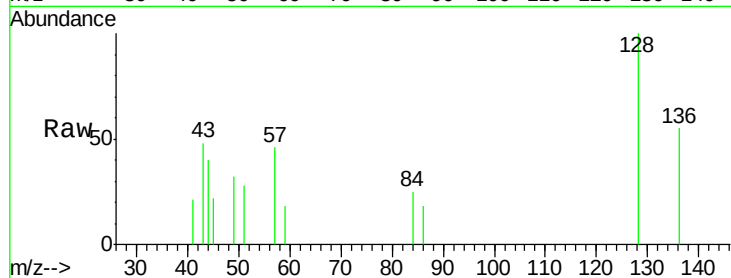
Tgt Ion:128 Resp: 1861

Ion Ratio Lower Upper

128 100

129 0.0 9.5 14.3#

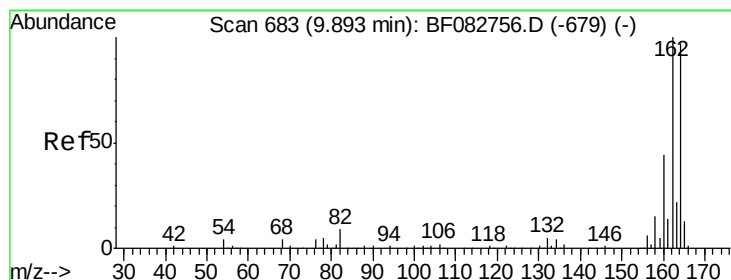
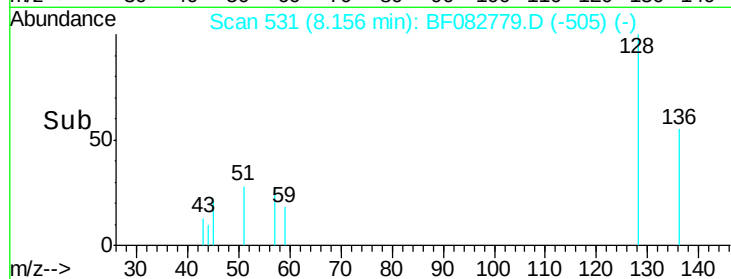
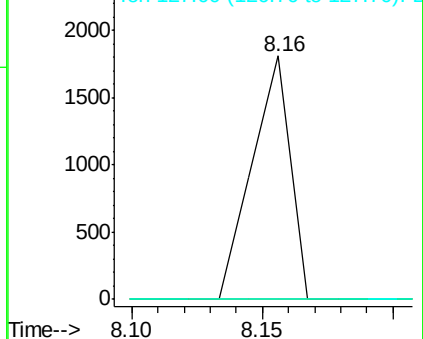
127 0.0 11.4 17.0#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

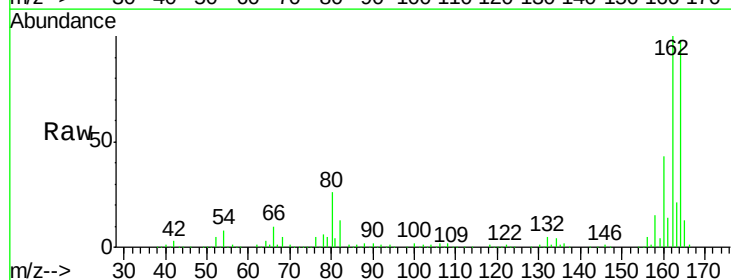
Tgt Ion:164 Resp: 465449

Ion Ratio Lower Upper

164 100

162 101.8 84.9 127.3

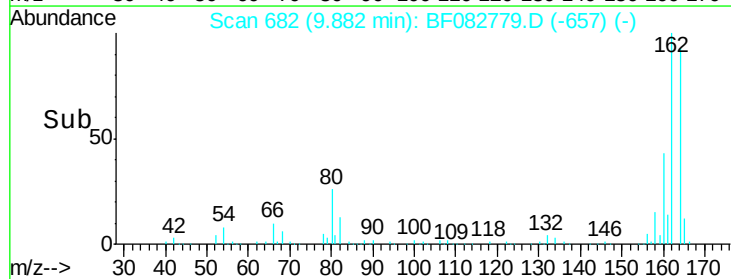
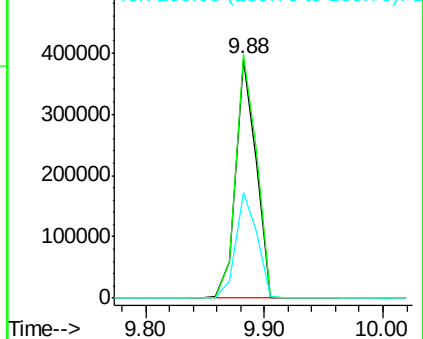
160 43.9 37.5 56.3

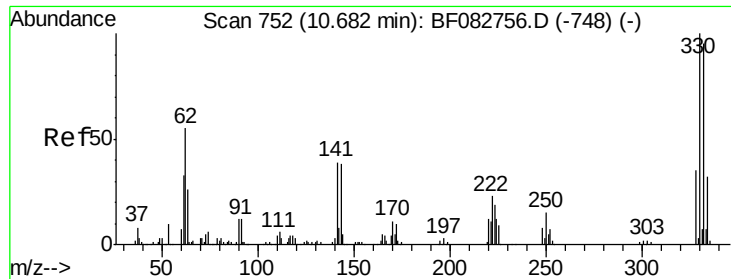


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

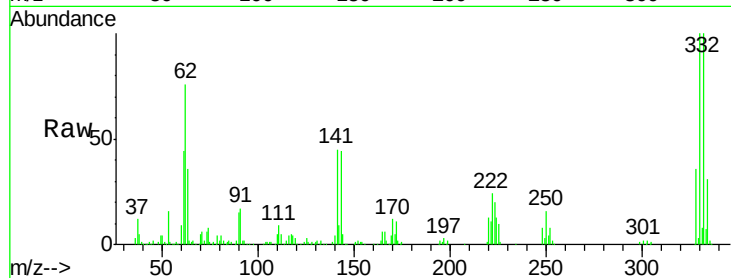




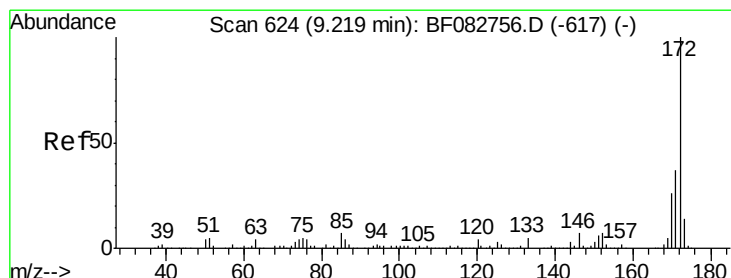
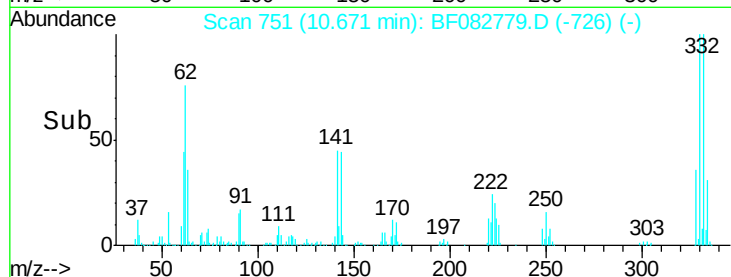
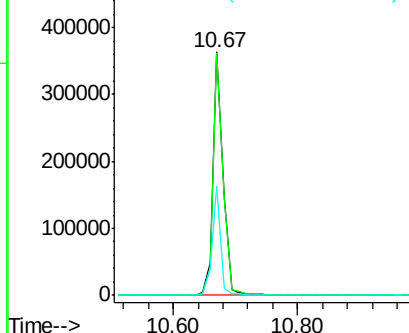
#41
 2,4,6-Tribromophenol
 Concen: 75.74 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)

Tgt Ion:330 Resp: 404198
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 38.3 41.2 61.8#

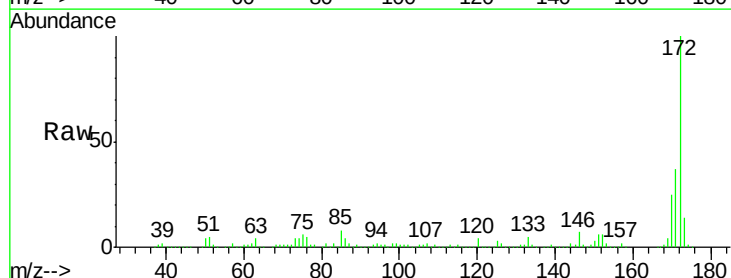


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

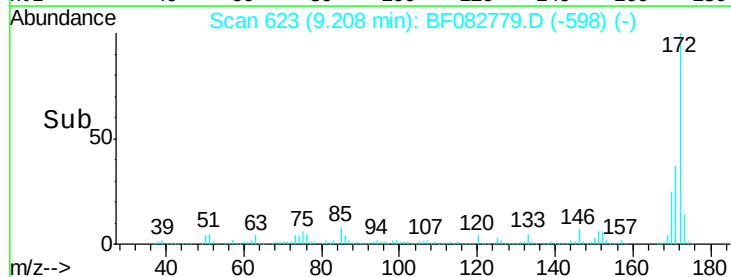
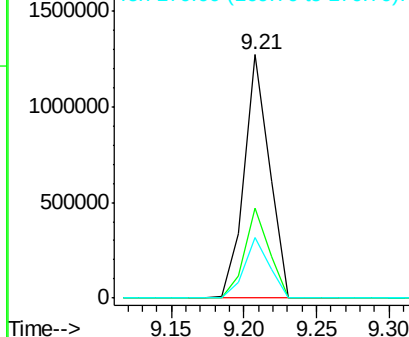


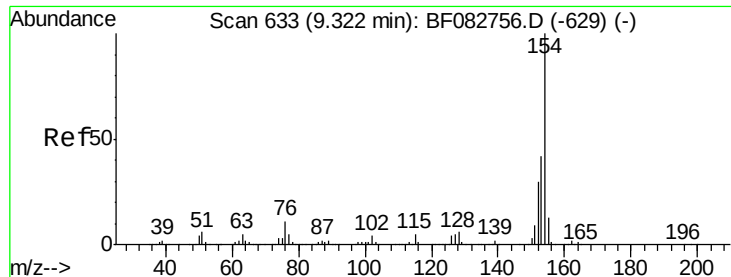
#44
 2-Fluorobiphenyl
 Concen: 47.36 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Tgt Ion:172 Resp: 1538019
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.0 21.2 31.8



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

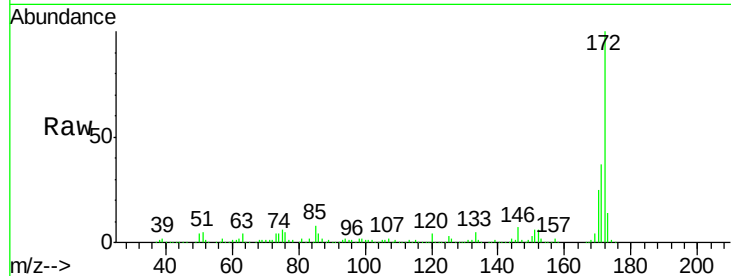




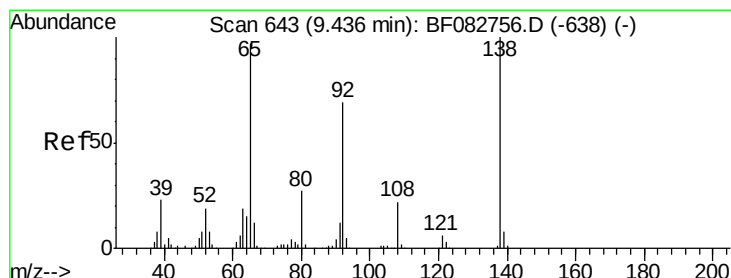
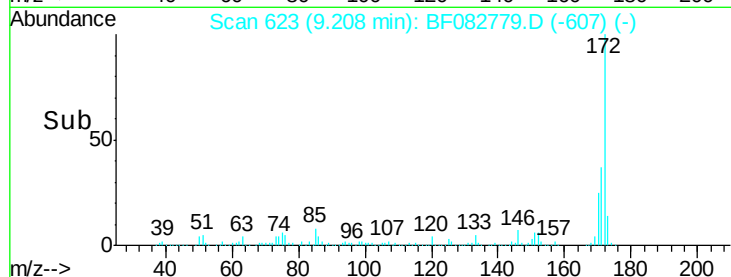
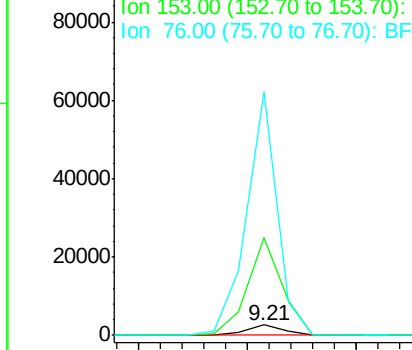
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.11 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)

Tgt Ion: 154 Resp: 3213
Ion Ratio Lower Upper
154 100
153 929.8 22.0 62.0#
76 2302.2 0.0 29.0#

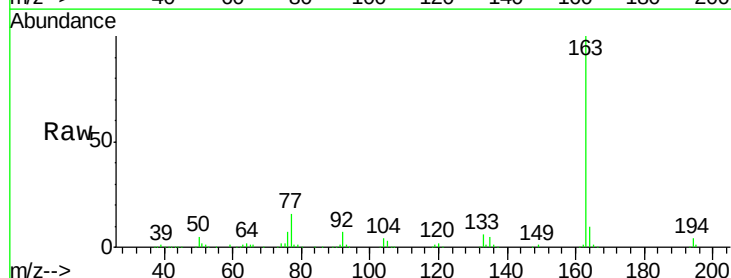


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

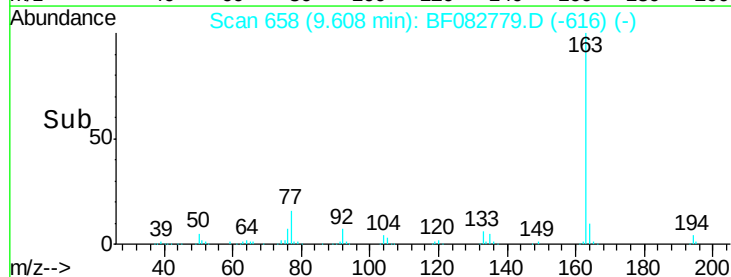
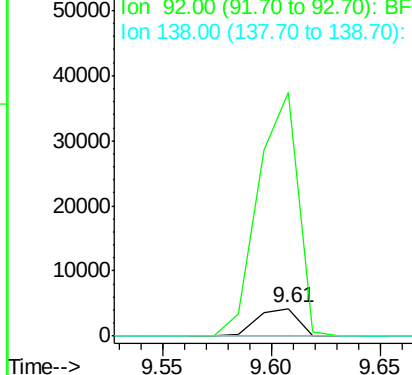


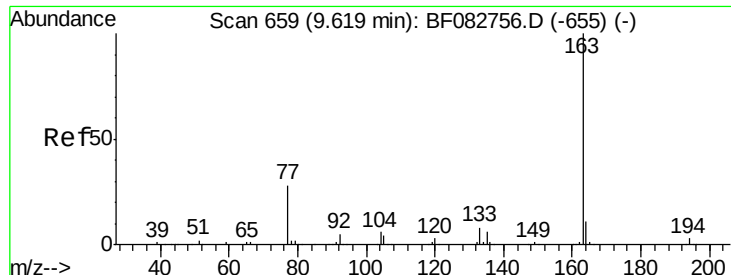
#47
2-Nitroaniline
Concen: 0.48 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.18 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

Tgt Ion: 65 Resp: 5590
Ion Ratio Lower Upper
65 100
92 890.5 46.6 70.0#
138 0.0 54.6 81.8#



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: 14.40 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

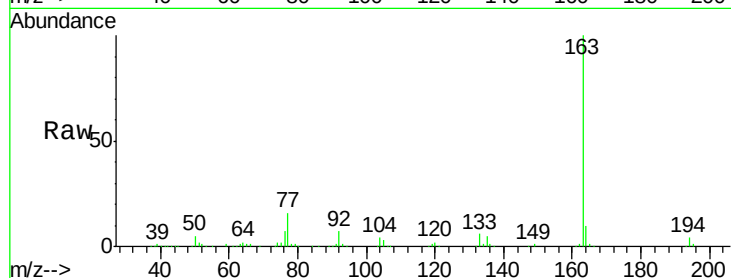
Tgt Ion:163 Resp: 549054

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

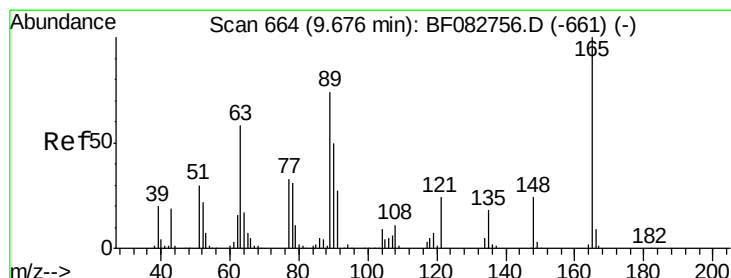
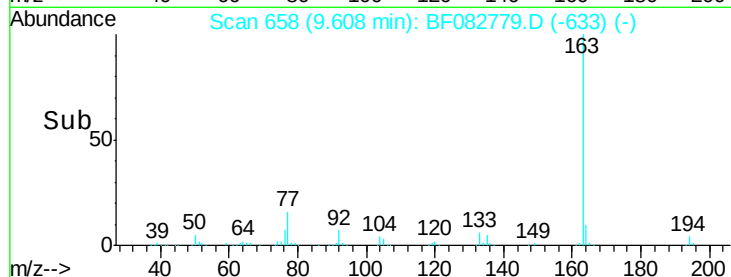
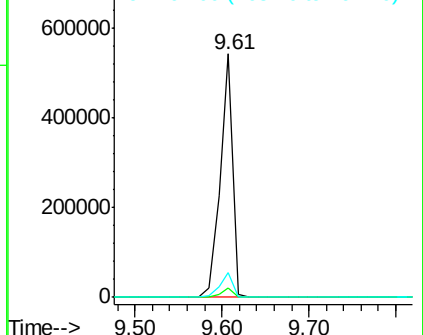
164 10.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.74 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

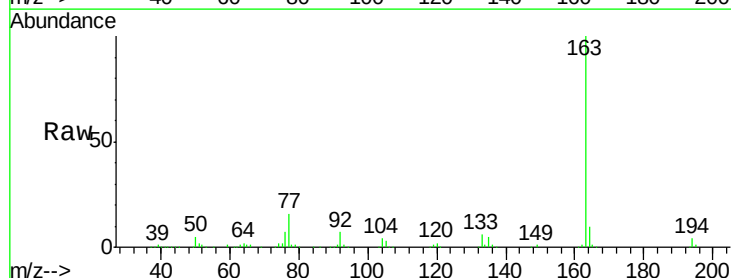
Tgt Ion:165 Resp: 5992

Ion Ratio Lower Upper

165 100

63 96.8 55.5 83.3#

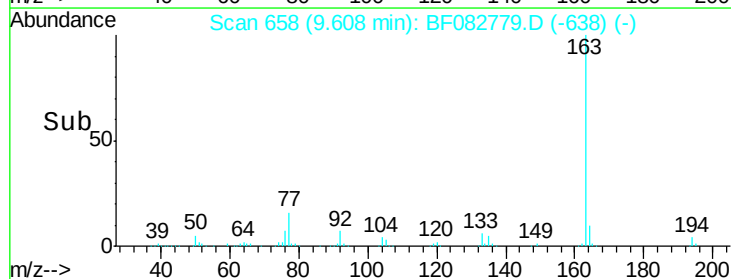
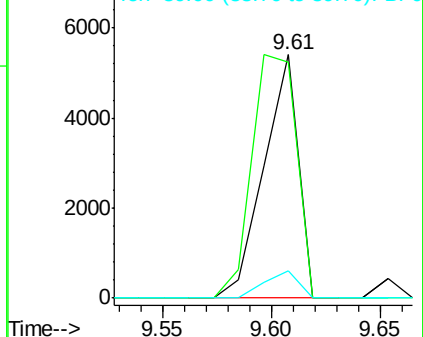
89 11.1 55.0 82.6#

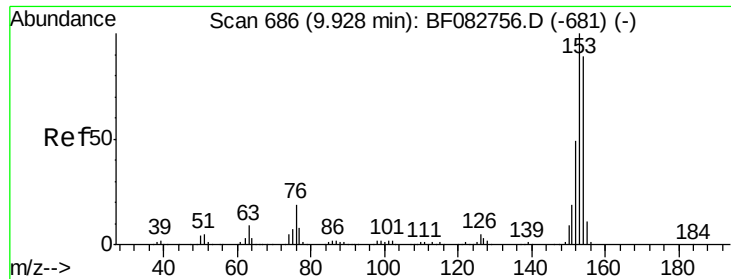


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

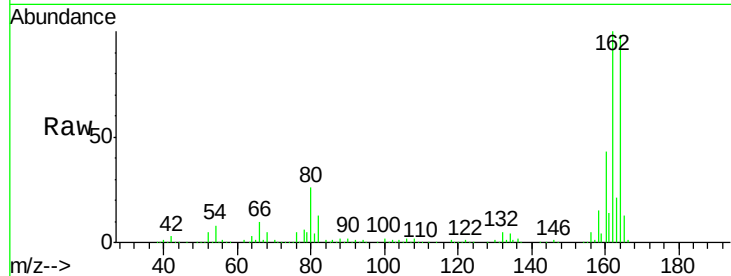
Tgt Ion:154 Resp: 1968

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

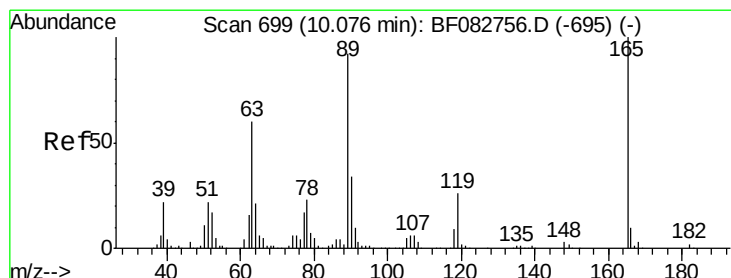
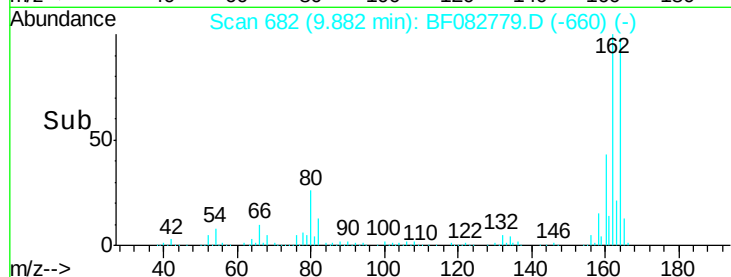
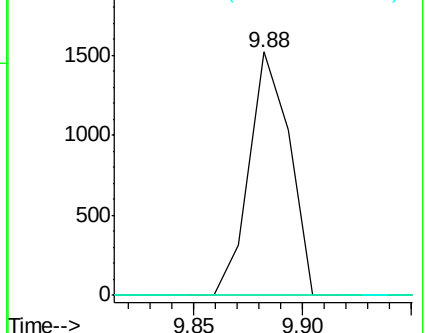
152 0.0 44.3 66.5#



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: 5.49 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Tgt Ion:165 Resp: 60571

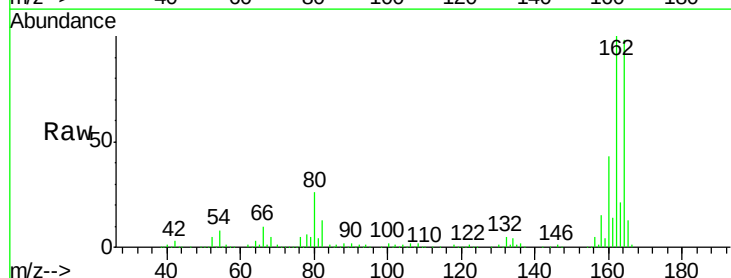
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

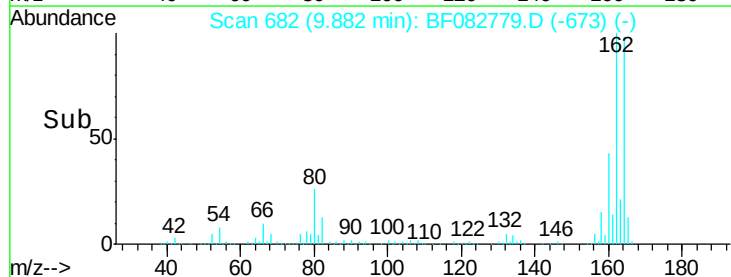
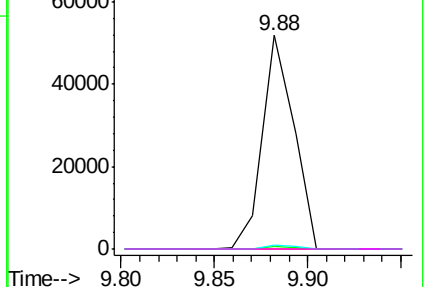


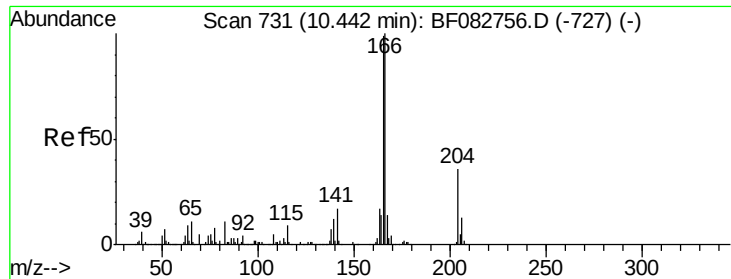
Abundance Ion 165.00 (164.70 to 165.70): E

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

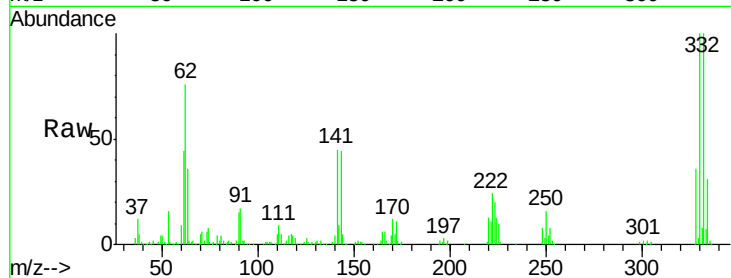




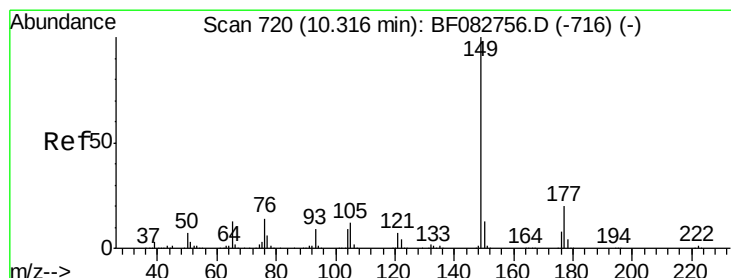
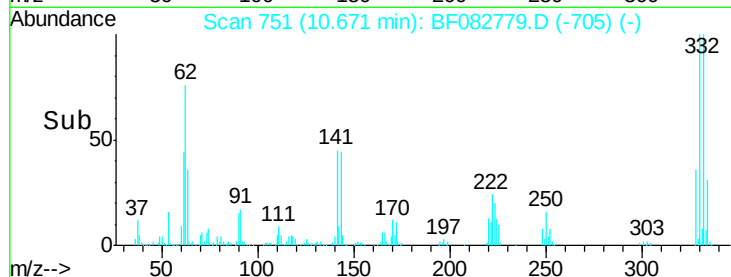
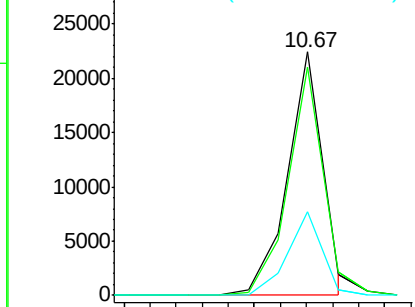
#57
 Fluorene
 Concen: 0.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.23 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)

Tgt Ion:166 Resp: 21022
 Ion Ratio Lower Upper
 166 100
 165 93.8 80.2 120.4
 167 34.6 11.2 16.8#

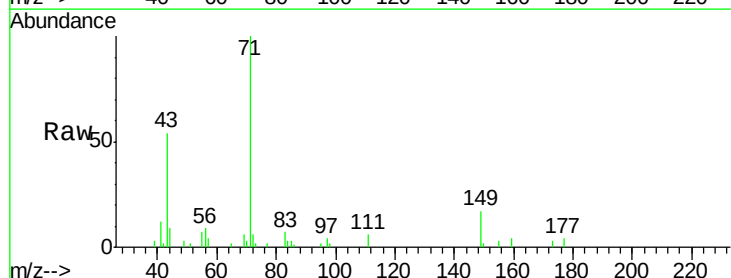


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

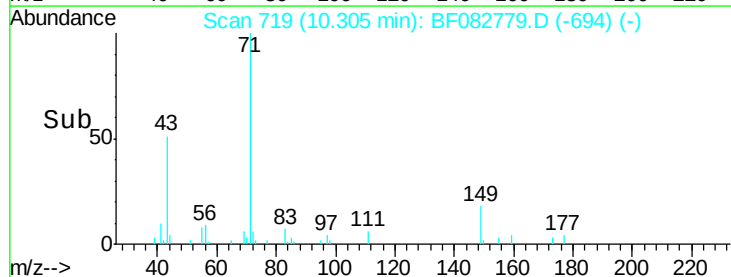
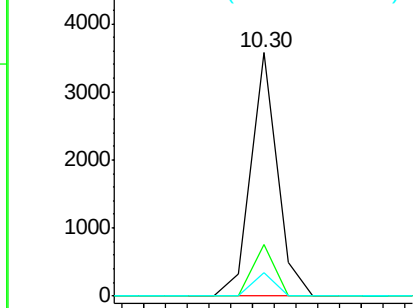


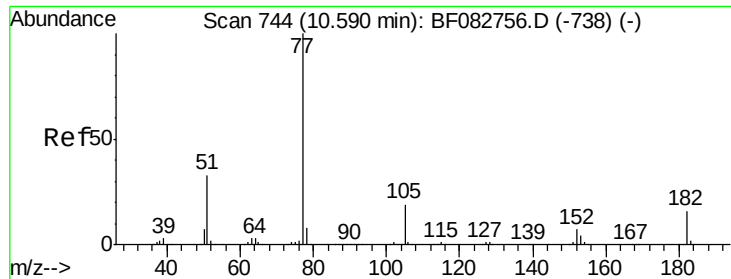
#59
 Diethylphthalate
 Concen: 0.08 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Tgt Ion:149 Resp: 3016
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.9 26.9
 150 9.5 10.1 15.1#



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

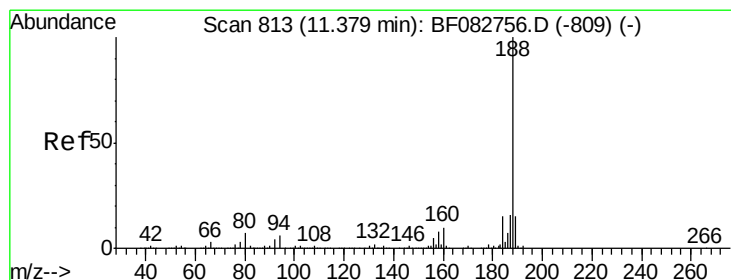
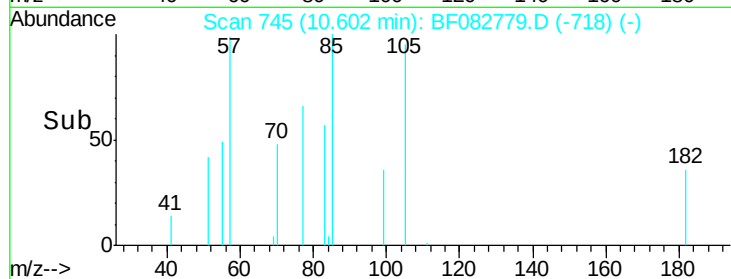
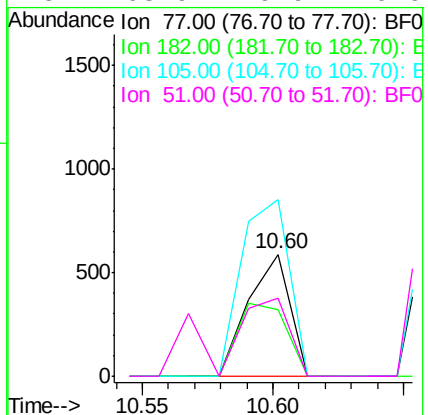
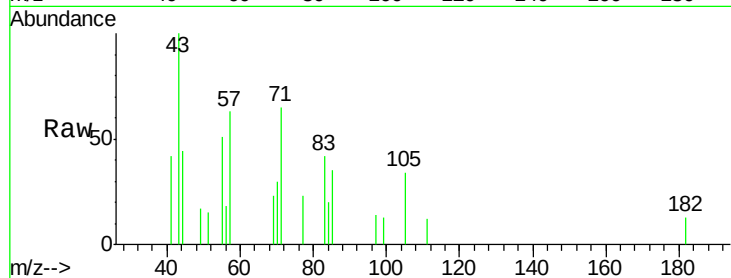




#62
Azobenzene
Concen: 0.02 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

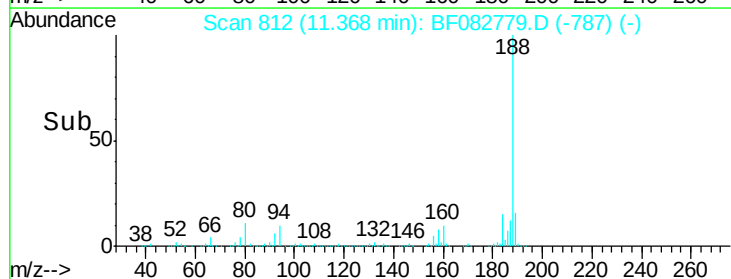
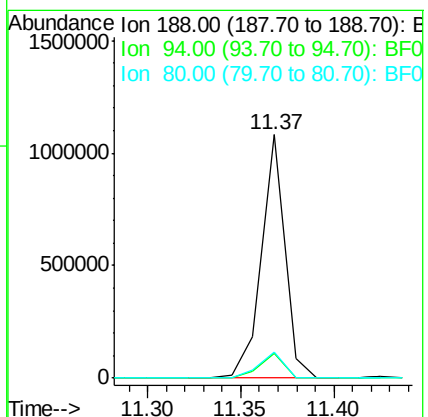
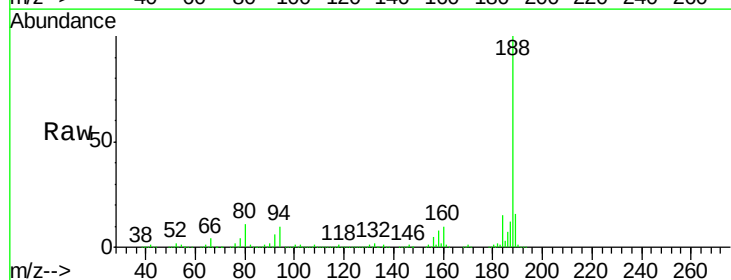
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)

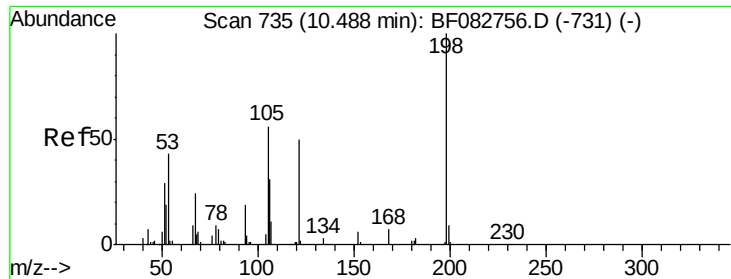
Tgt Ion: 77 Resp: 660
Ion Ratio Lower Upper
77 100
182 54.2 9.3 49.3#
105 144.6 2.6 42.6#
51 63.9 9.9 49.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082779.D
Acq: 6 Nov 2015 23:51

Tgt Ion: 188 Resp: 937475
Ion Ratio Lower Upper
188 100
94 10.1 6.1 9.1#
80 10.8 7.0 10.6#

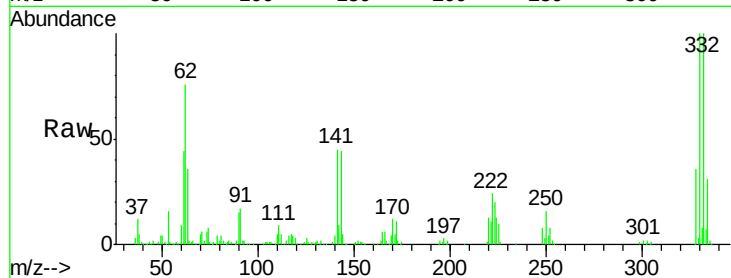




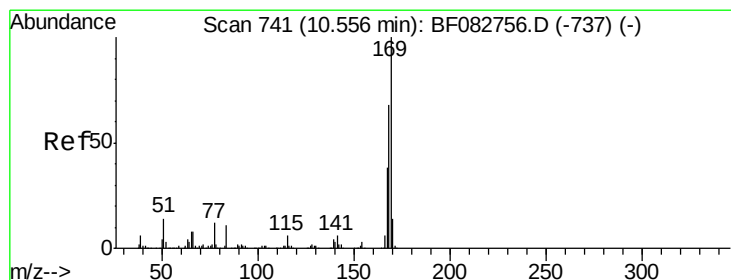
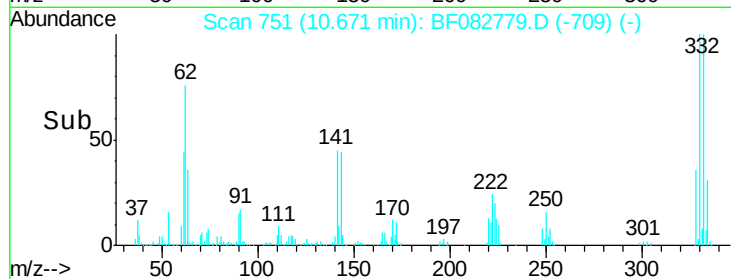
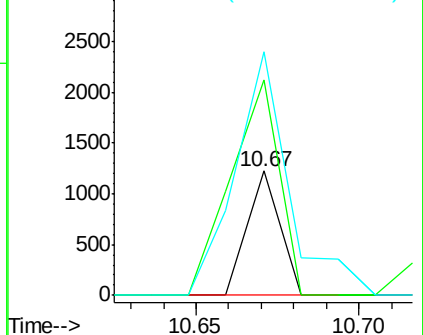
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.13 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.18 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)

Tgt Ion:198 Resp: 839
 Ion Ratio Lower Upper
 198 100
 51 173.3 17.3 57.3#
 105 196.1 21.7 61.7#

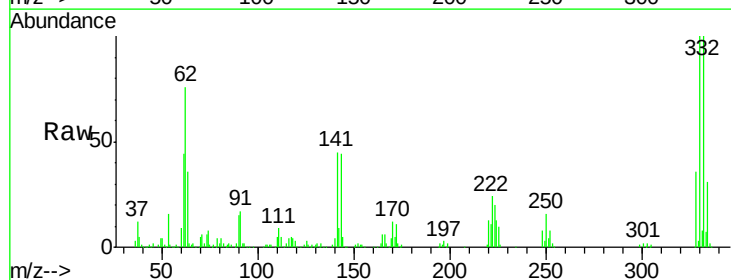


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

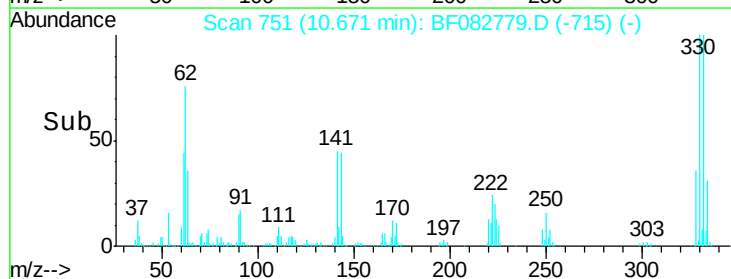
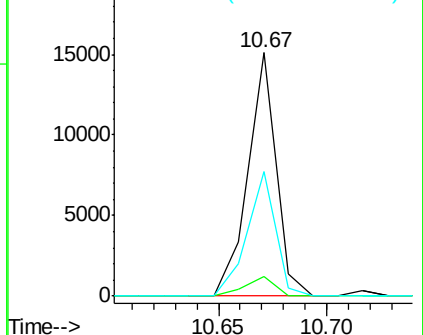


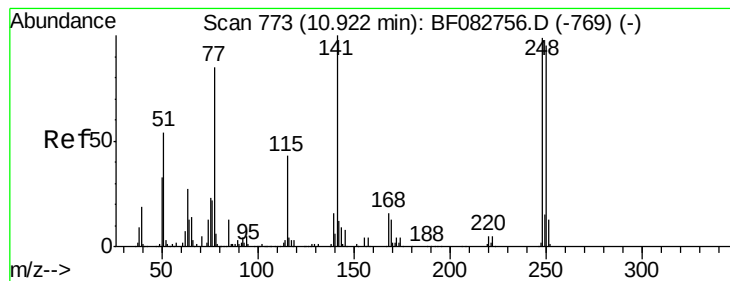
#65
 n-Nitrosodiphenylamine
 Concen: 0.40 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.11 min
 Lab File: BF082779.D
 Acq: 6 Nov 2015 23:51

Tgt Ion:169 Resp: 13604
 Ion Ratio Lower Upper
 169 100
 168 7.9 55.0 82.6#
 167 51.4 30.5 45.7#



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: 2.45 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

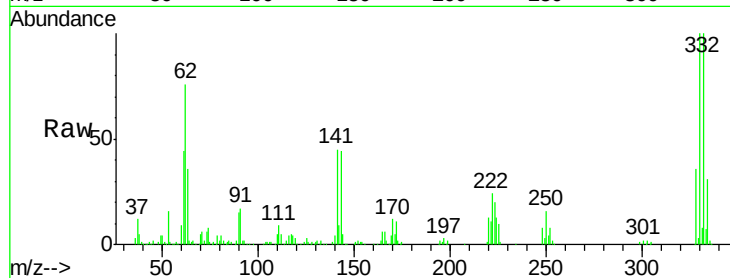
Tgt Ion:248 Resp: 27642

Ion Ratio Lower Upper

248 100

250 201.3 79.4 119.2#

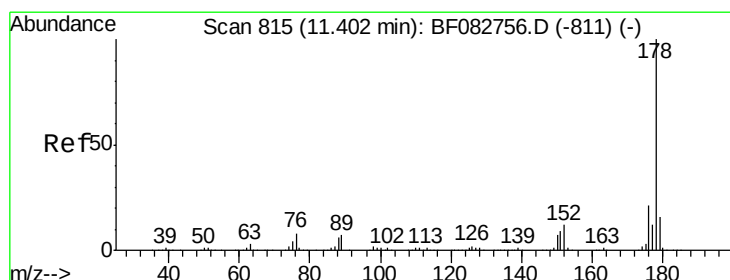
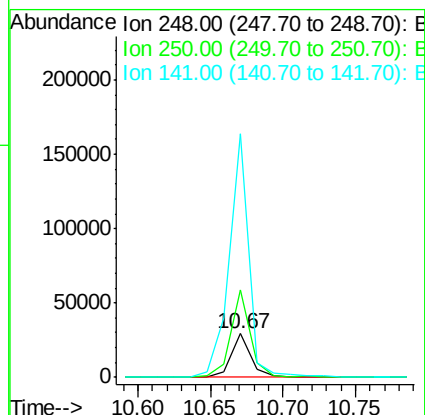
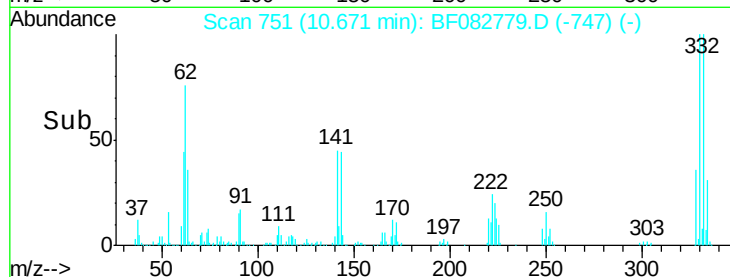
141 561.9 36.3 54.5#



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



#70

Phenanthrene

Concen: 0.03 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

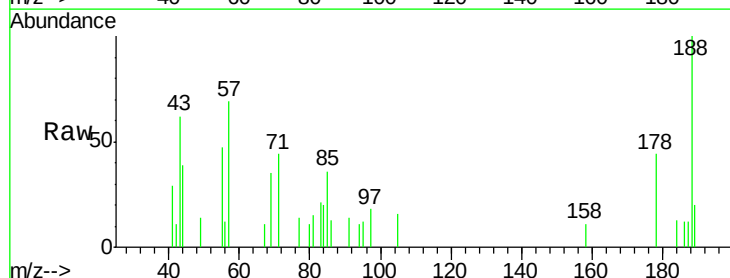
Tgt Ion:178 Resp: 1462

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

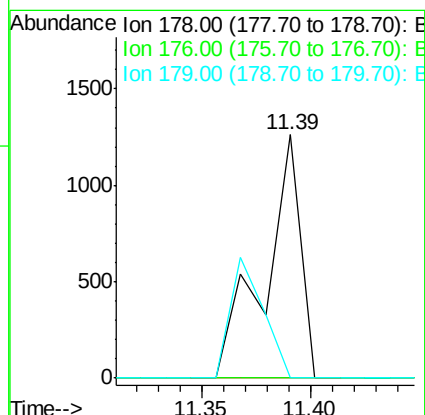
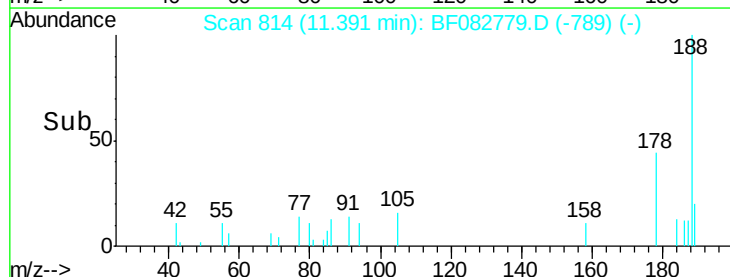
179 0.0 13.4 20.0#

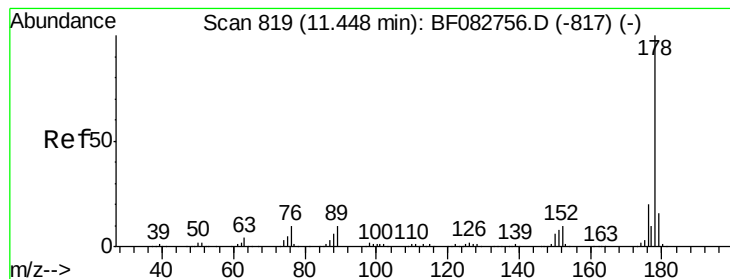


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.03 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

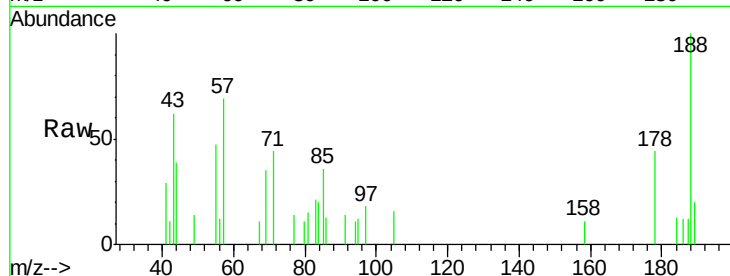
Tgt Ion:178 Resp: 1462

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

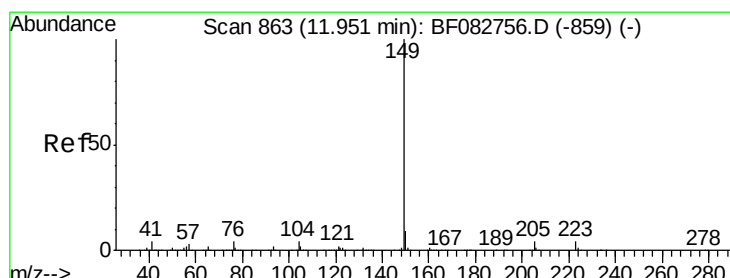
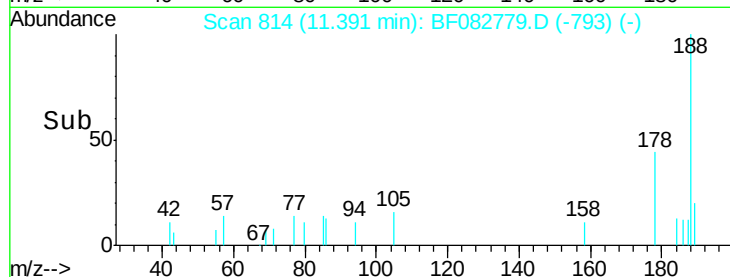
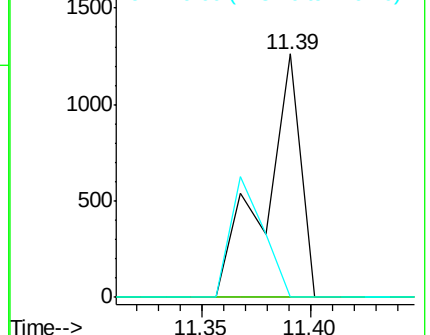
179 0.0 13.2 19.8#



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



#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

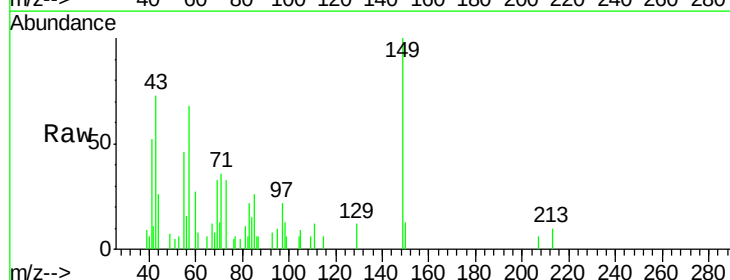
Tgt Ion:149 Resp: 4916

Ion Ratio Lower Upper

149 100

150 12.5 8.1 12.1#

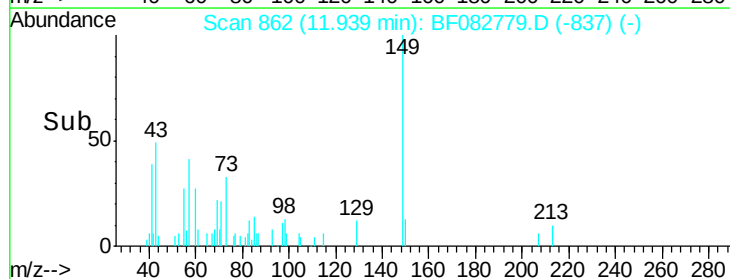
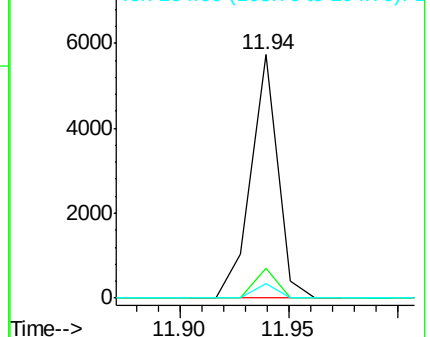
104 6.1 5.2 7.8

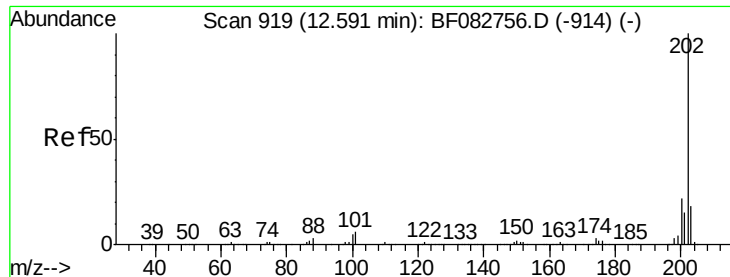


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.00 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

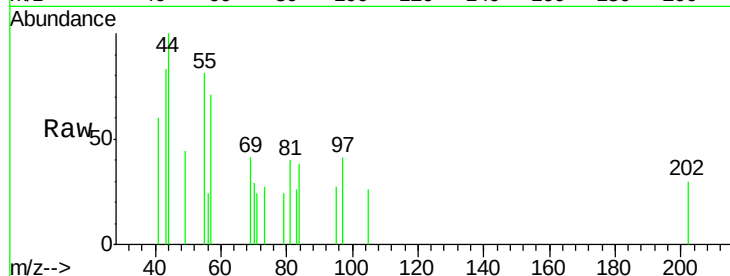
Tgt Ion:202 Resp: 259

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.5

203 0.0 0.0 38.5

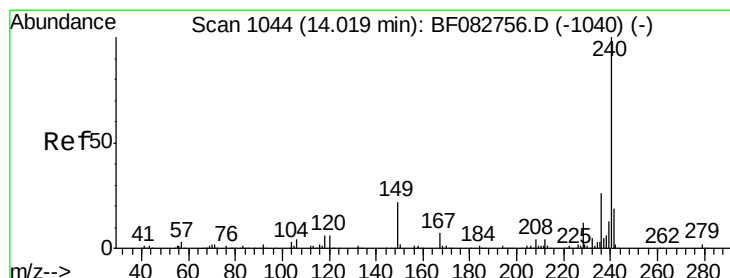
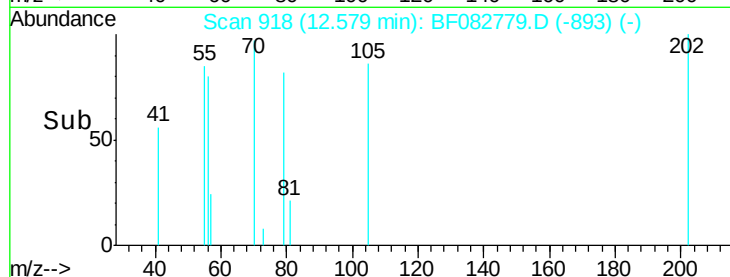
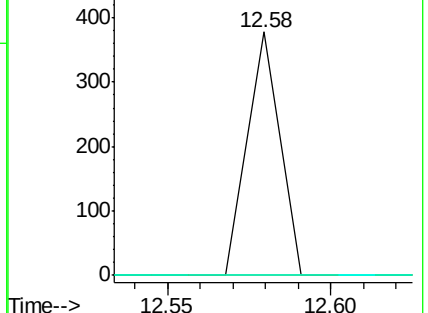


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.58



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

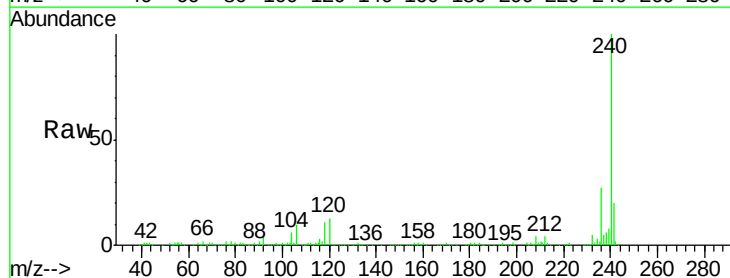
Tgt Ion:240 Resp: 704108

Ion Ratio Lower Upper

240 100

120 13.2 10.9 16.3

236 26.6 21.6 32.4

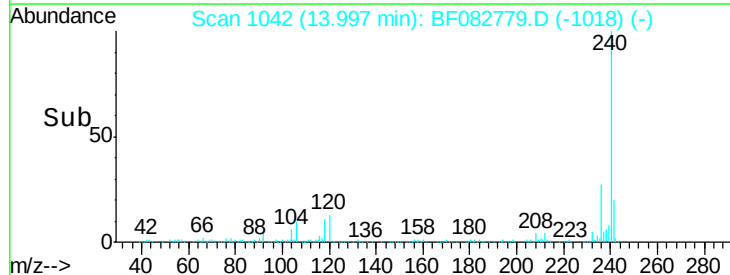
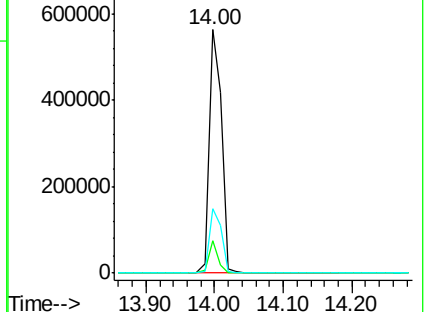


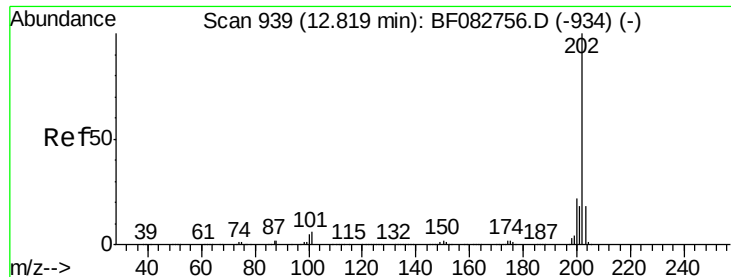
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.00





#77

Pyrene

Concen: 0.11 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.15 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

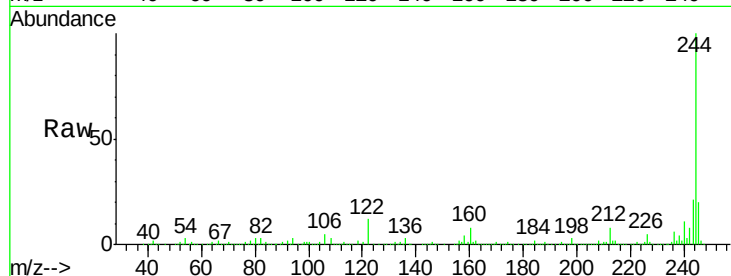
Tgt Ion:202 Resp: 5288

Ion Ratio Lower Upper

202 100

200 52.7 18.7 28.1#

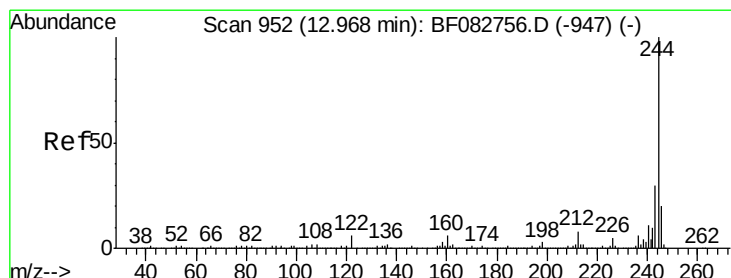
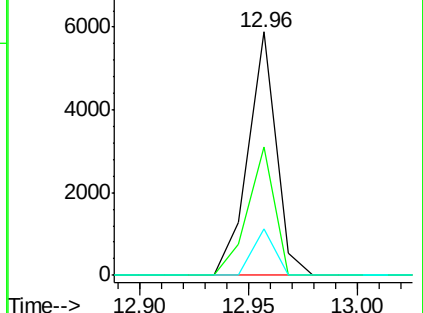
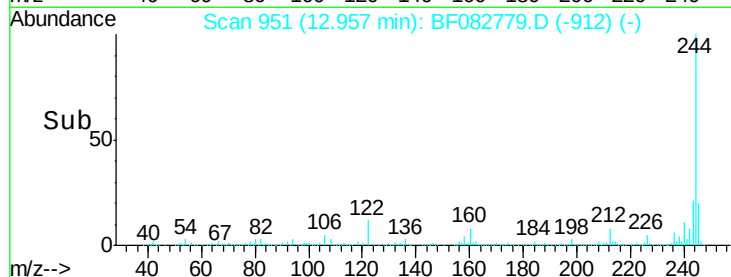
203 19.0 14.8 22.2



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: 50.79 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

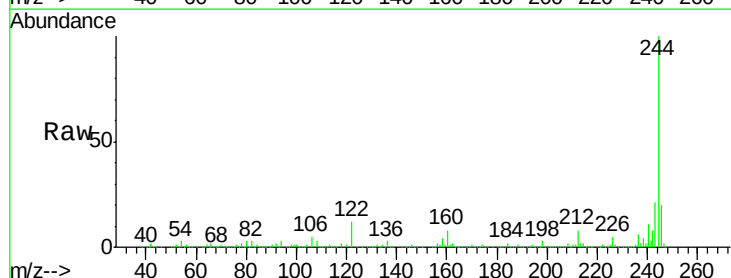
Tgt Ion:244 Resp: 1507724

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

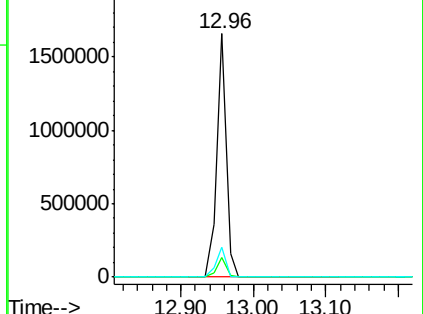
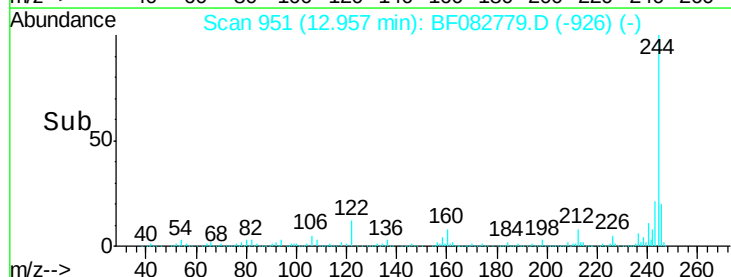
122 12.0 11.3 16.9

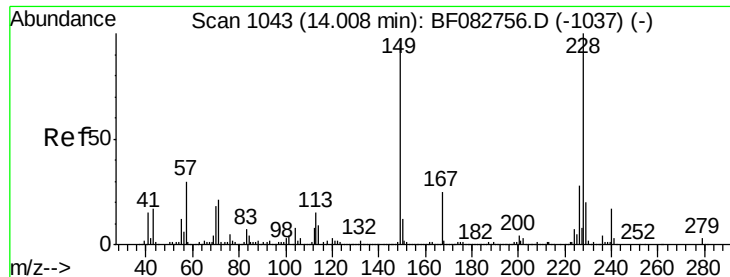


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

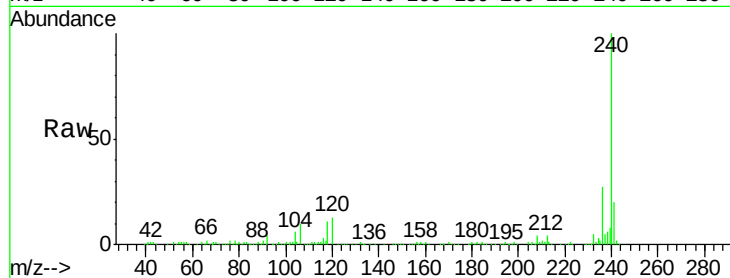
Tgt Ion:228 Resp: 1946

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

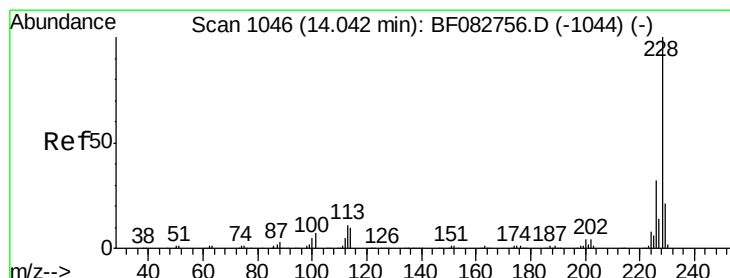
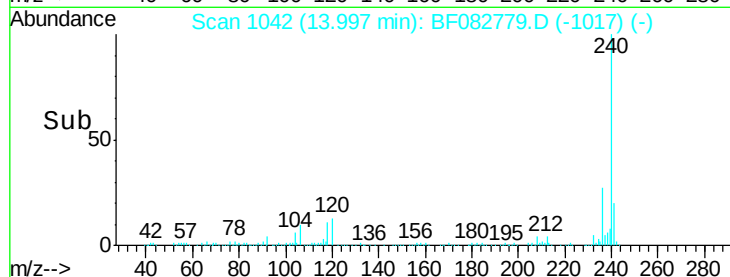
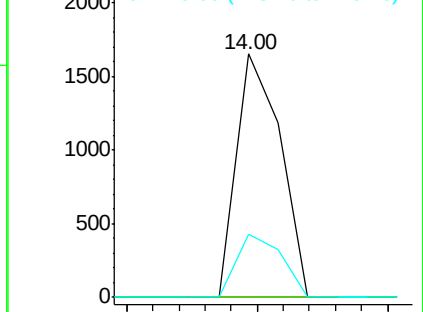
229 25.9 16.3 24.5#



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



#82

Chrysene

Concen: 0.05 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

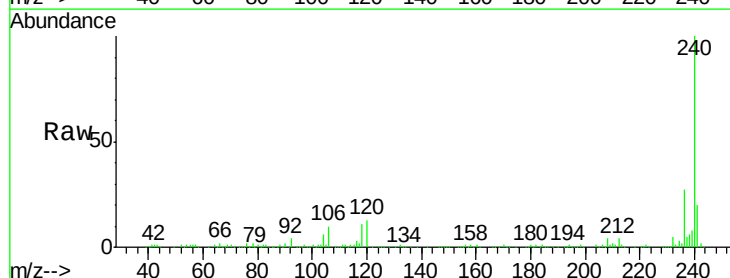
Tgt Ion:228 Resp: 1946

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

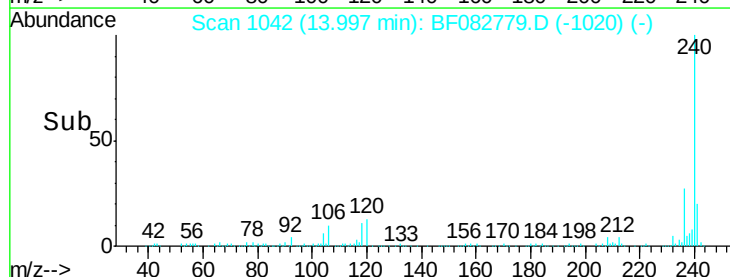
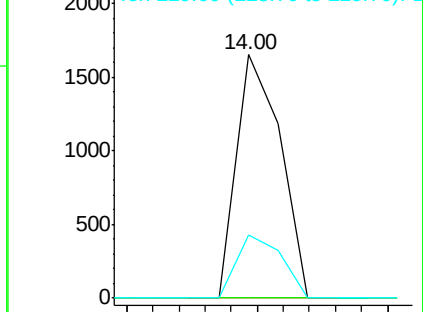
229 25.9 16.3 24.5#

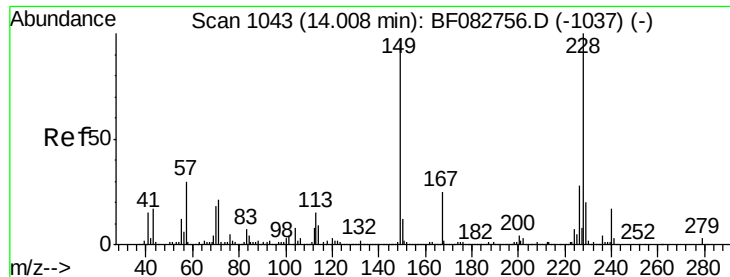


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)

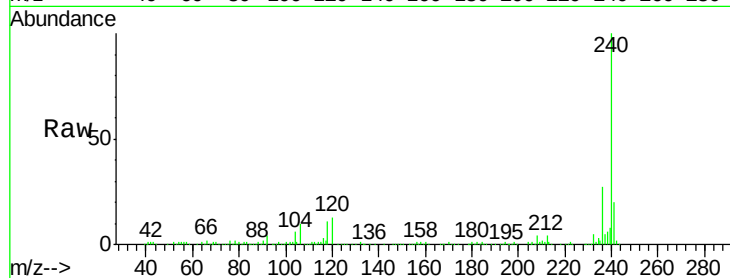
Tgt Ion:149 Resp: 2518

Ion Ratio Lower Upper

149 100

167 33.4 21.2 31.8#

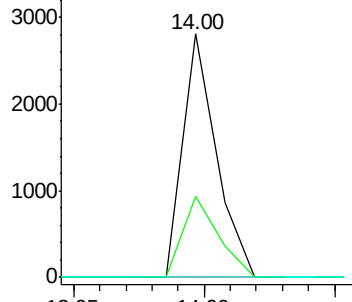
279 0.0 2.2 3.2#



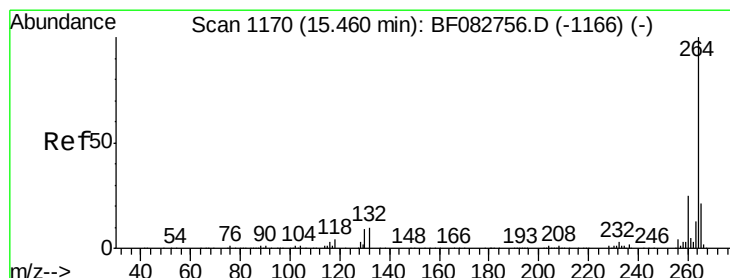
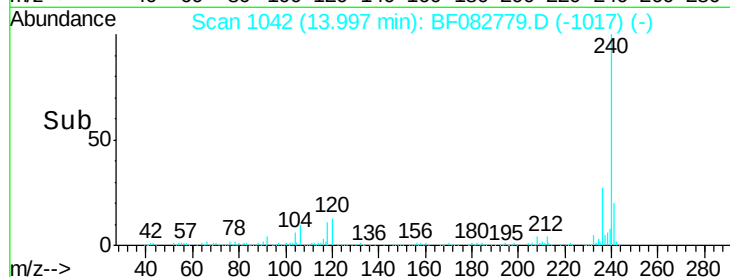
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.95 14.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082779.D

Acq: 6 Nov 2015 23:51

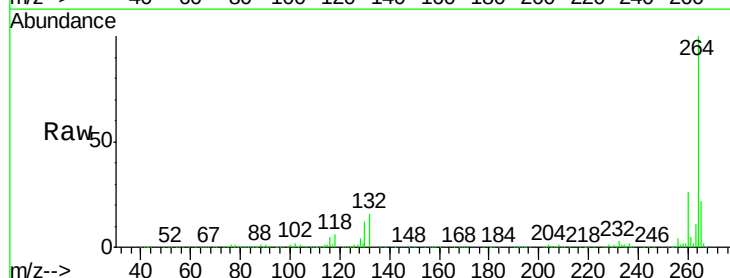
Tgt Ion:264 Resp: 633835

Ion Ratio Lower Upper

264 100

260 25.6 19.8 29.6

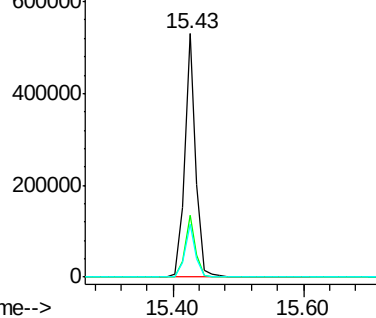
265 21.9 17.4 26.0



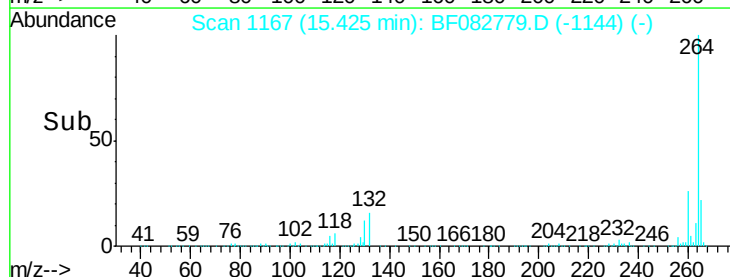
Abundance Ion 264.00 (263.70 to 264.70): E

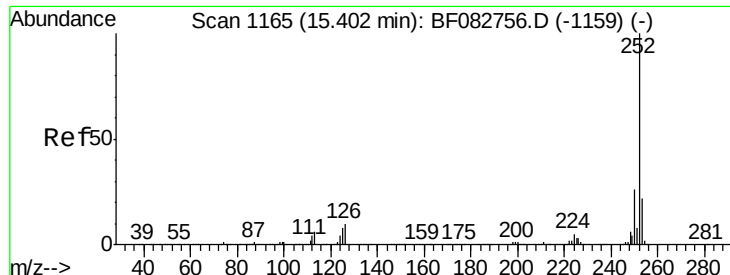
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.40 15.60





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF082779.D

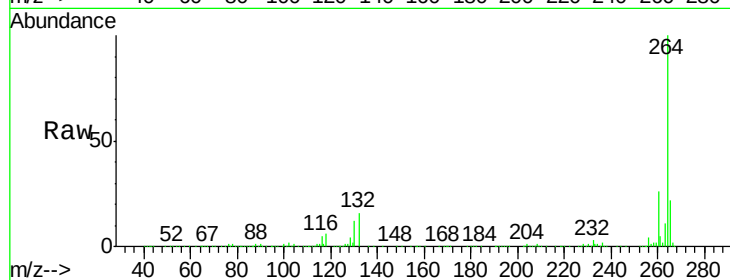
Acq: 6 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)



Tgt Ion:	252	Resp:	2172
Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.3	25.9#
125	20.1	7.1	10.7#

