

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082783.D
 Acq On : 7 Nov 2015 1:47
 Operator : UM/IZ
 Sample : G4258-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-3(0-2)

Quant Time: Nov 07 03:18:19 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	208688	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	869024	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	419229	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	807773	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	689861	20.00	ng	-0.02
86) Perylene-d12	15.43	264	617745	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1127648	84.07	ng	0.00
7) Phenol-d6	6.48	99	1502347	84.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	1057586	52.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327870	68.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1575678	53.87	ng	-0.01
78) Terphenyl-d14	12.96	244	1411439	48.53	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	348	0.06	ng	# 20
4) n-Nitrosodimethylamine	3.32	42	231	0.03	ng	# 1
6) Aniline	6.49	93	258	0.01	ng	# 1
8) 2-Chlorophenol	6.62	128	547	0.04	ng	# 1
9) Benzaldehyde	6.61	77	31574	3.21	ng	83
10) Phenol	6.49	94	11072	0.55	ng	# 69
11) bis(2-Chloroethyl)ether	6.61	93	2055	0.14	ng	# 1
15) Benzyl Alcohol	7.00	79	17328	1.11	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	7.04	45	208	0.01	ng	71
17) 2-Methylphenol	6.99	107	539	0.04	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	139782	10.66	ng	# 71
20) 3+4-Methylphenols	6.99	107	539	0.03	ng	# 1
22) Acetophenone	7.25	105	384	0.02	ng	# 41
24) Nitrobenzene	7.40	77	3240	0.16	ng	# 42
25) Isophorone	7.40	82	976508	26.43	ng	# 69
31) Naphthalene	8.16	128	1752	0.04	ng	# 67
32) Benzoic acid	8.13	122	226	0.02	ng	# 1
45) 1,1'-Biphenyl	9.21	154	2605	0.07	ng	# 1
47) 2-Nitroaniline	9.61	65	5811	0.56	ng	# 1
49) Dimethylphthalate	9.61	163	600891	17.49	ng	99
50) 2,6-Dinitrotoluene	9.61	165	6202	0.85	ng	# 30
51) Acenaphthene	9.88	154	1170	0.04	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	51107	5.14	ng	# 15
57) Fluorene	10.67	166	14647	0.48	ng	# 83
59) Diethylphthalate	10.30	149	13093	0.39	ng	99
62) Azobenzene	10.60	77	494	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	762	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	12807	0.44	ng	# 48
66) 4-Bromophenyl-phenylether	10.67	248	22411	2.30	ng	# 1
70) Phenanthrene	11.39	178	1045	0.02	ng	# 58
71) Anthracene	11.39	178	1045	0.02	ng	# 58
72) Carbazole	11.60	167	340	0.01	ng	# 57
73) Di-n-butylphthalate	11.94	149	4255	0.08	ng	# 92
74) Fluoranthene	12.80	202	262	0.01	ng	# 1

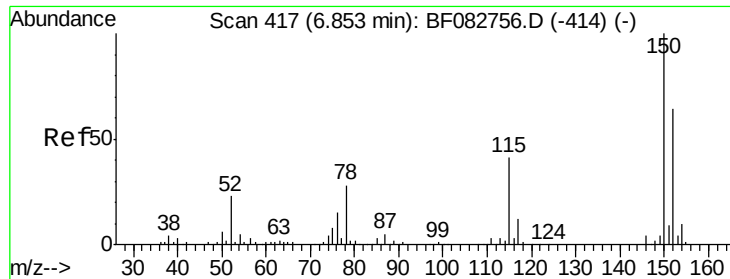
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
Data File : BF082783.D
Acq On : 7 Nov 2015 1:47
Operator : UM/IZ
Sample : G4258-05
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.80	202	262	0.01	ng	# 55
79) Butylbenzylphthalate	13.44	149	955	0.05	ng	# 57
80) Benzo(a)anthracene	14.01	228	1797	0.04	ng	# 51
82) Chrysene	14.01	228	1797	0.05	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.00	149	2002	0.07	ng	# 76
84) Di-n-octyl phthalate	14.63	149	210	0.00	ng	# 71
89) Benzo(a)pyrene	15.43	252	1950	0.06	ng	# 72

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

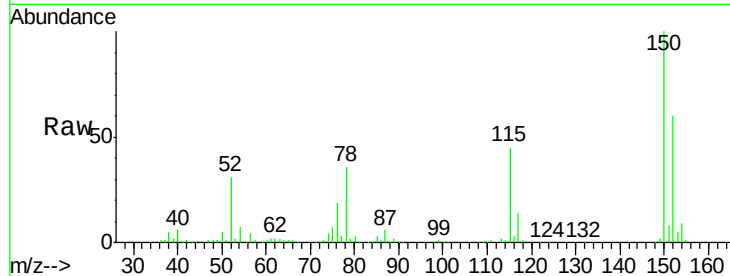
Tgt Ion: 152 Resp: 208688

Ion Ratio Lower Upper

152 100

150 166.0 127.0 190.4

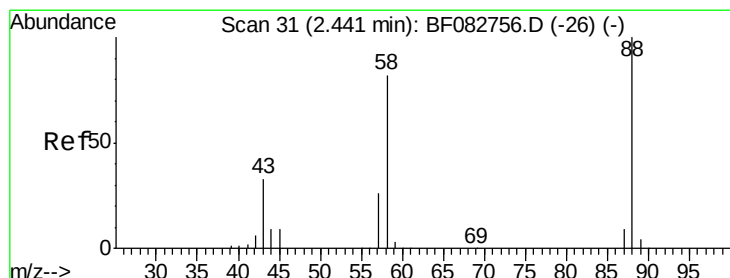
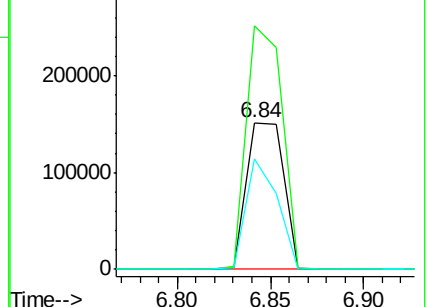
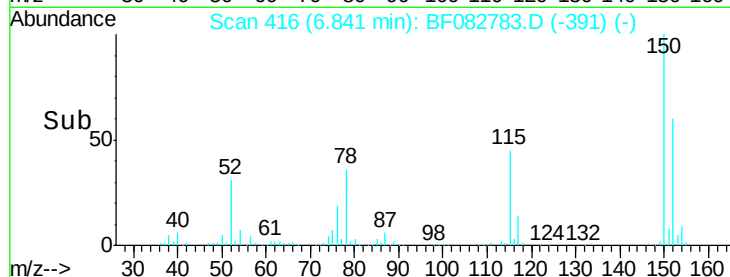
115 75.3 47.0 70.6#



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: 0.06 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.07 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

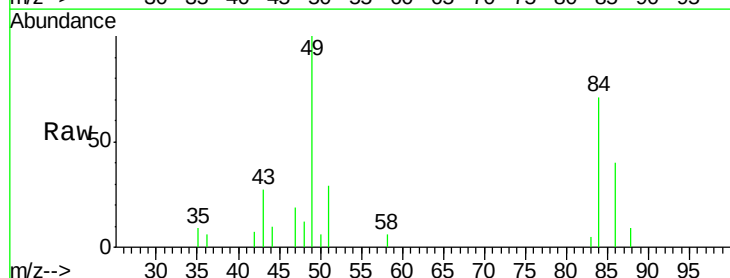
Tgt Ion: 88 Resp: 348

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

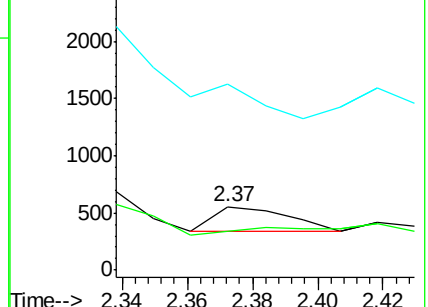
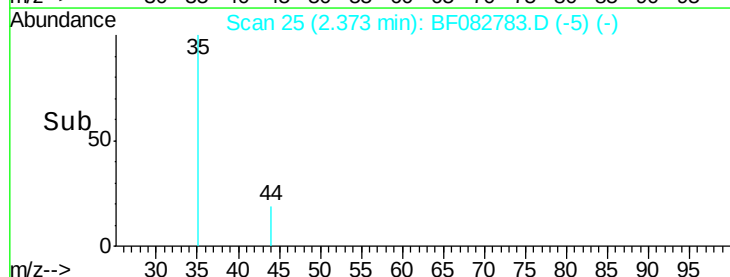
43 0.0 26.6 40.0#

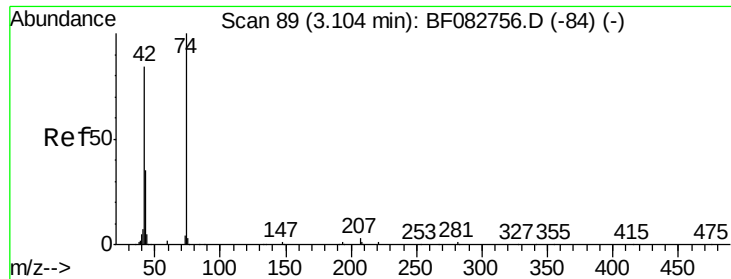


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.32 min Scan# 108

Delta R.T. 0.23 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

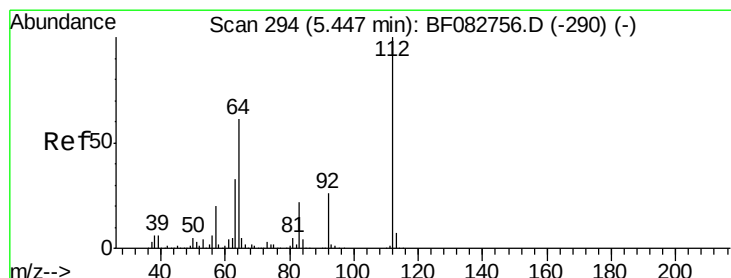
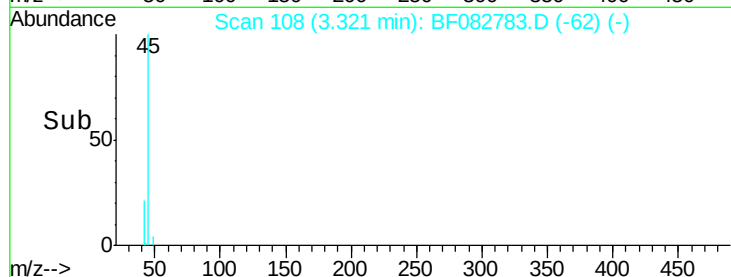
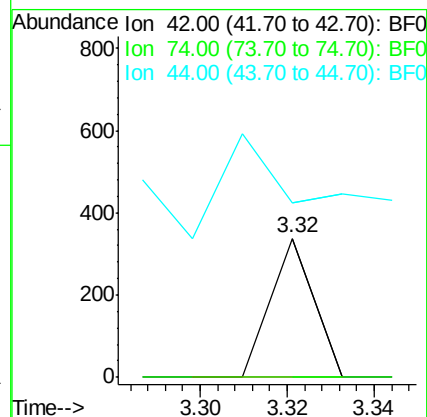
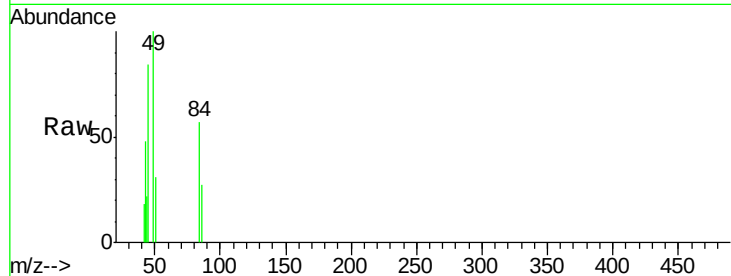
Tgt Ion: 42 Resp: 231

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 125.5 5.8 8.8#



#5

2-Fluorophenol

Concen: 84.07 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

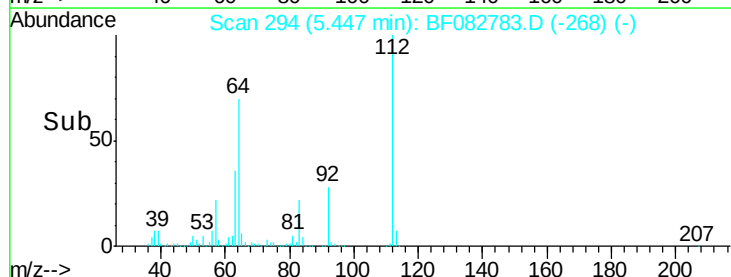
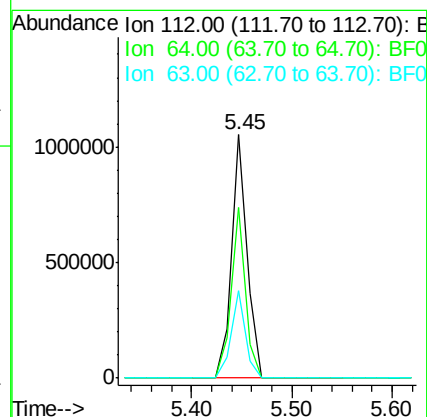
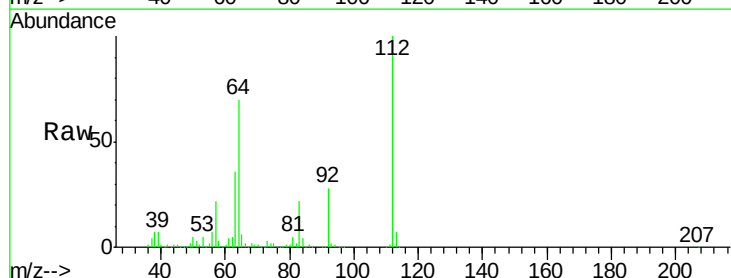
Tgt Ion: 112 Resp: 1127648

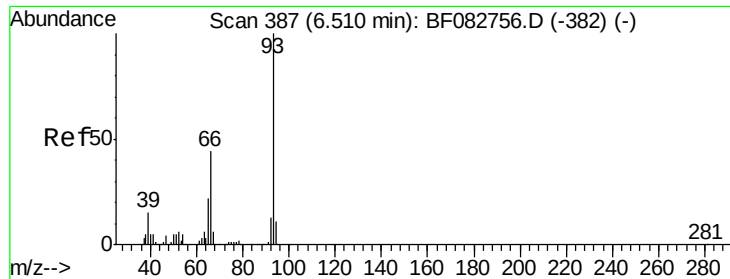
Ion Ratio Lower Upper

112 100

64 70.2 48.9 73.3

63 35.9 28.1 42.1





#6

Aniline

Concen: 0.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

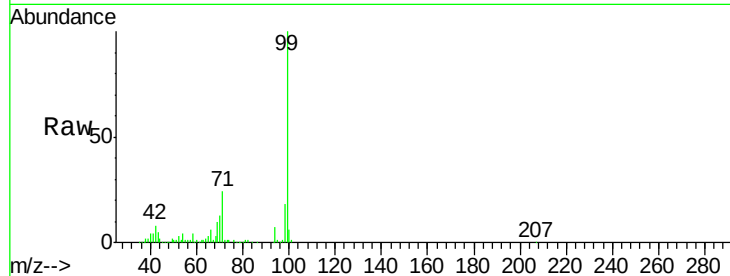
Tgt Ion: 93 Resp: 258

Ion Ratio Lower Upper

93 100

66 3410.9 33.6 50.4#

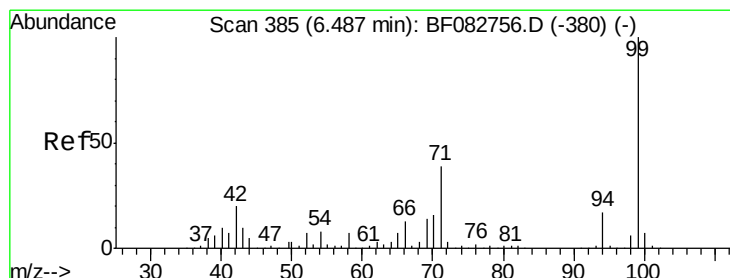
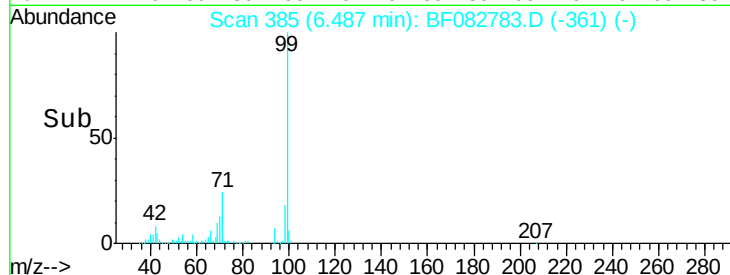
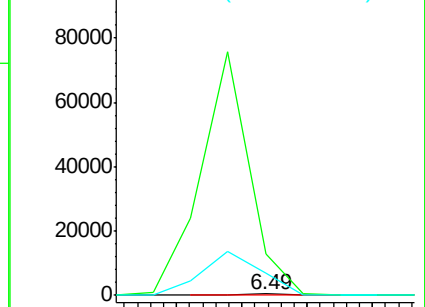
65 1780.6 18.1 27.1#



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: 84.26 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

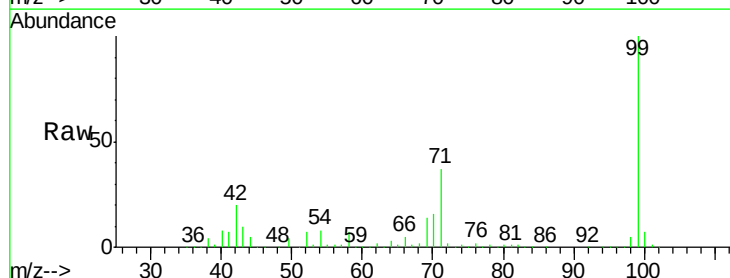
Tgt Ion: 99 Resp: 1502347

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

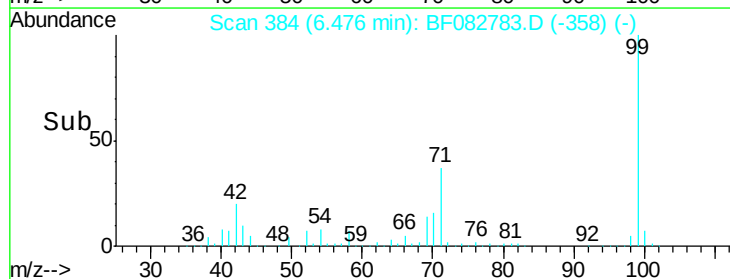
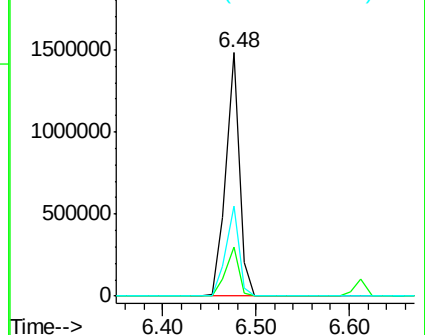
71 37.2 35.0 52.4

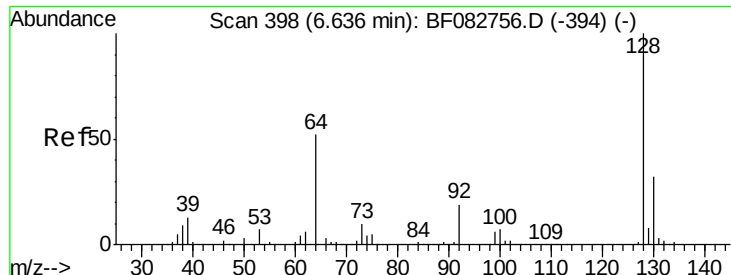


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

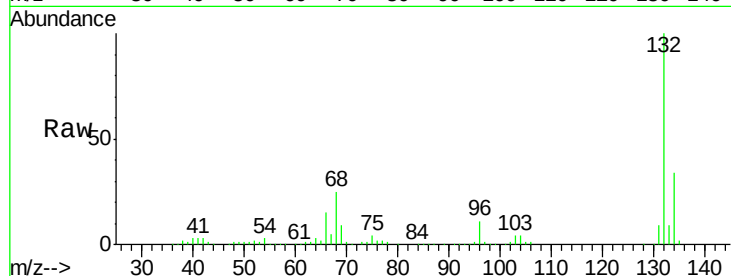




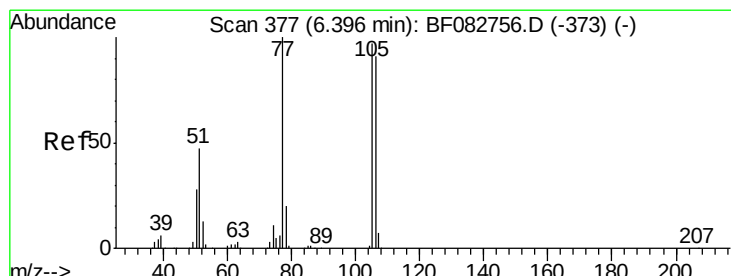
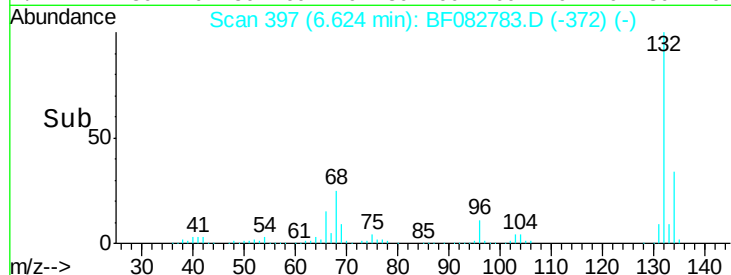
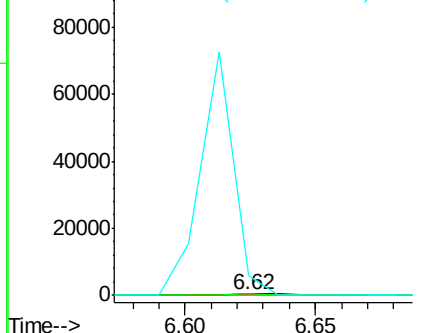
#8
2-Chlorophenol
Concen: 0.04 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Instrument :
BNA_F
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COFF-WP11-3(0-2)

Tgt Ion: 128 Resp: 547
Ion Ratio Lower Upper
128 100
130 120.6 13.5 53.5#
64 1257.1 21.1 61.1#

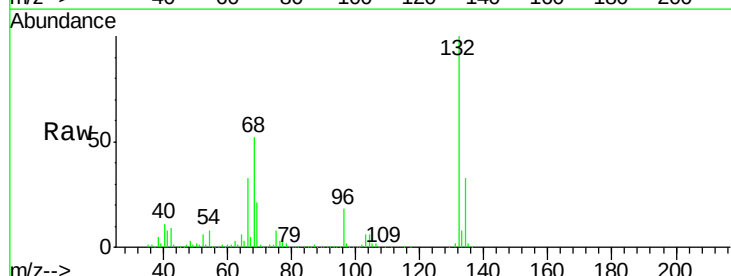


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

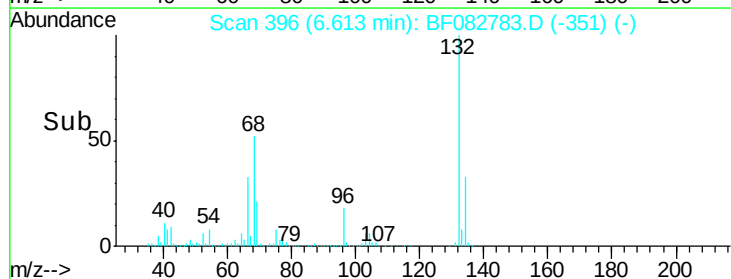
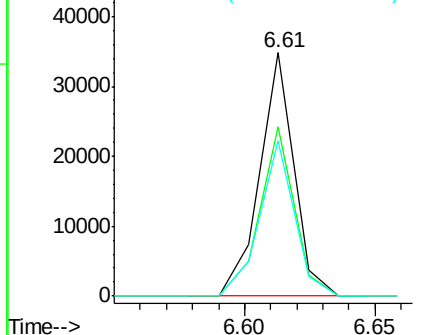


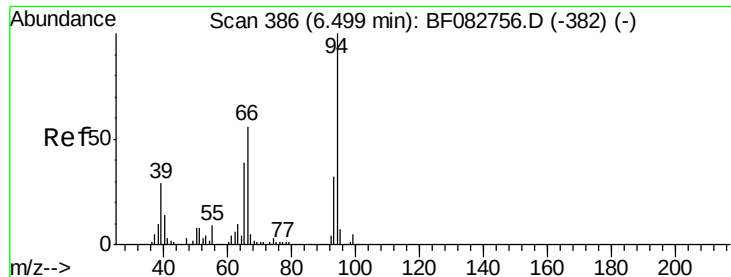
#9
Benzaldehyde
Concen: 3.21 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.22 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion: 77 Resp: 31574
Ion Ratio Lower Upper
77 100
105 69.4 63.5 103.5
106 63.8 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: 0.55 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

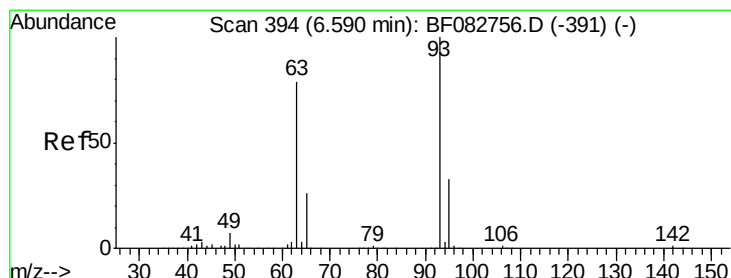
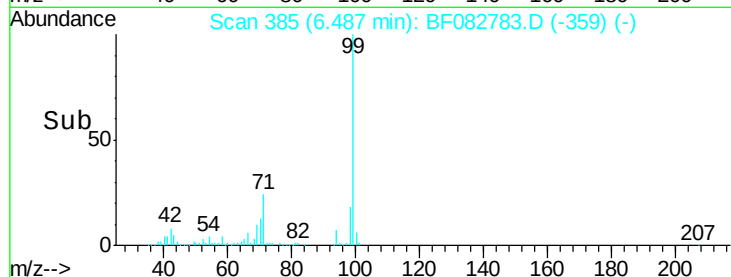
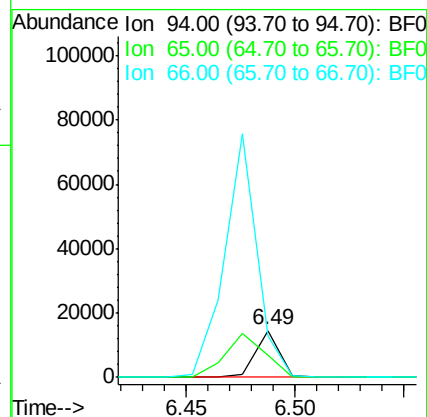
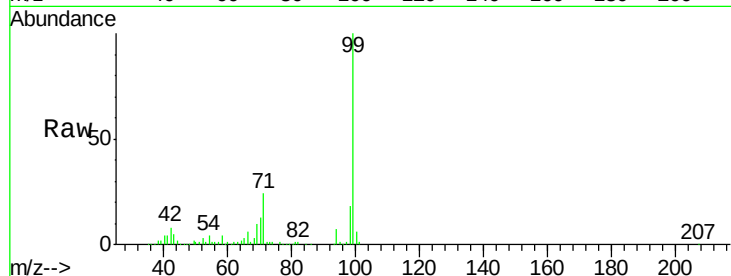
Tgt Ion: 94 Resp: 11072

Ion Ratio Lower Upper

94 100

65 45.7 18.9 58.9

66 87.6 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

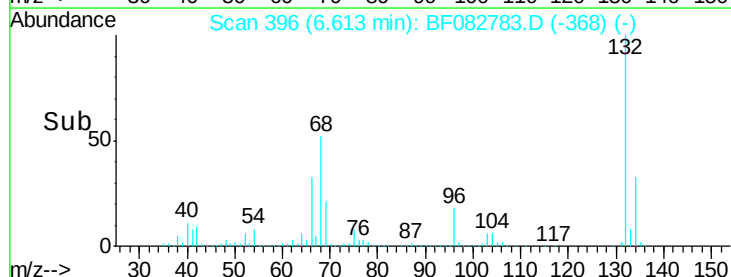
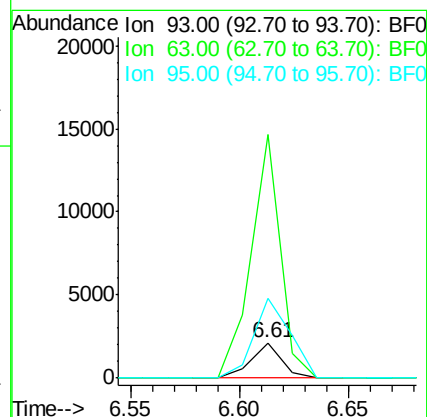
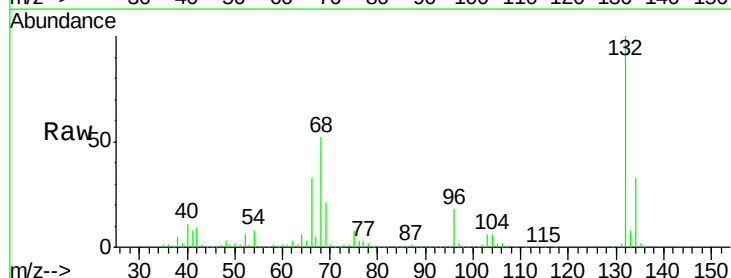
Tgt Ion: 93 Resp: 2055

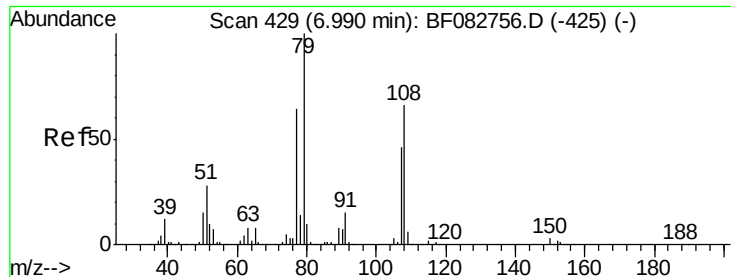
Ion Ratio Lower Upper

93 100

63 684.3 72.7 112.7#

95 225.6 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.11 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

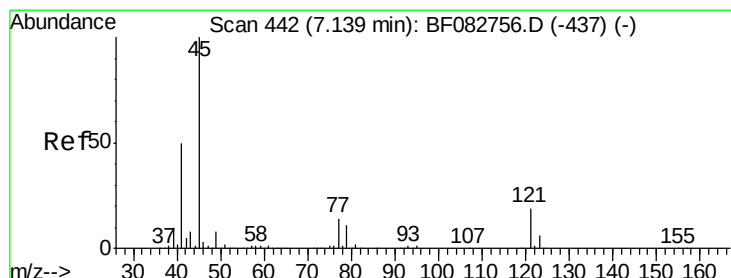
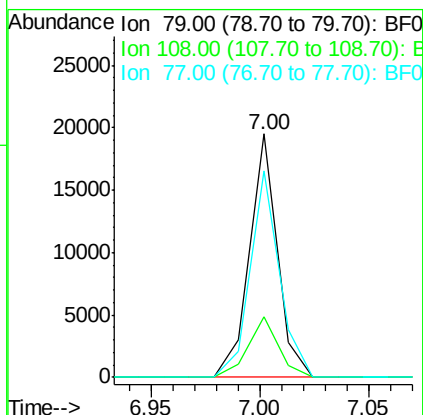
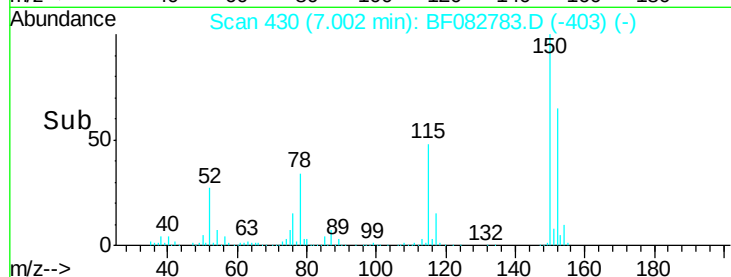
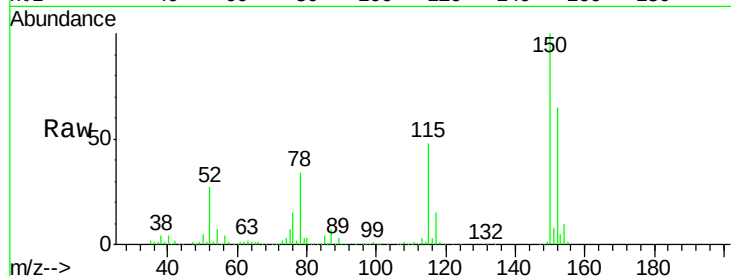
Tgt Ion: 79 Resp: 17328

Ion Ratio Lower Upper

79 100

108 24.8 52.2 78.4#

77 84.6 52.7 79.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.10 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

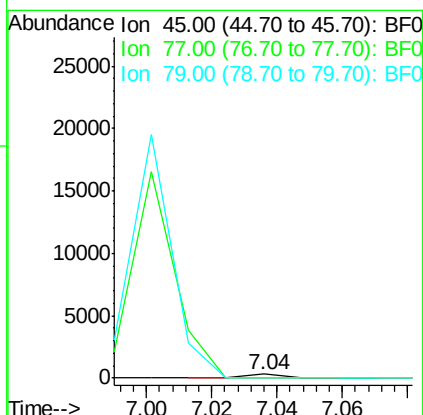
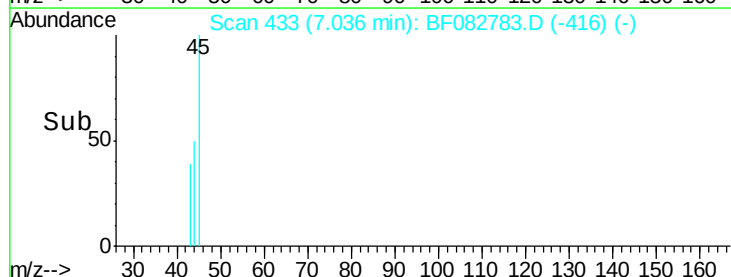
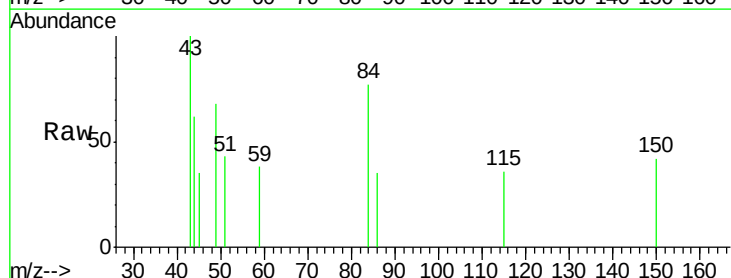
Tgt Ion: 45 Resp: 208

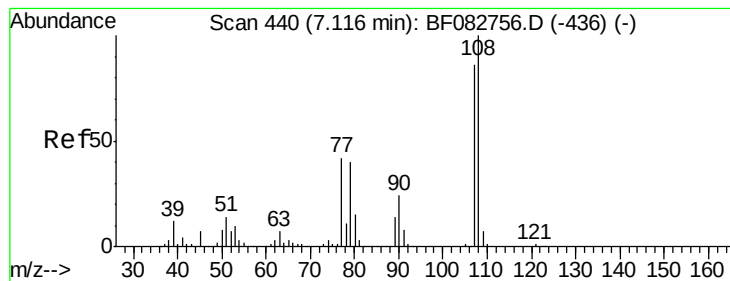
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.6

79 0.0 0.0 29.2





#17

2-Methylphenol

Concen: 0.04 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.11 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

Tgt Ion:107 Resp: 539

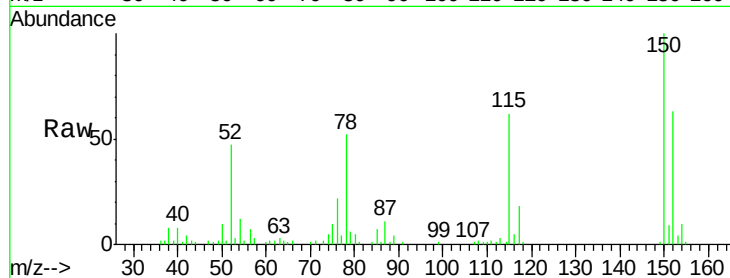
Ion Ratio Lower Upper

107 100

108 248.2 93.0 139.4#

77 519.3 44.1 66.1#

79 728.6 43.6 65.4#

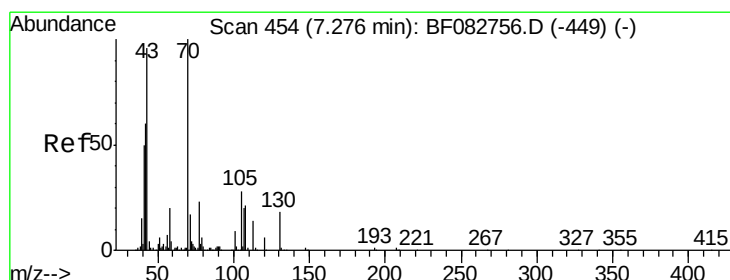
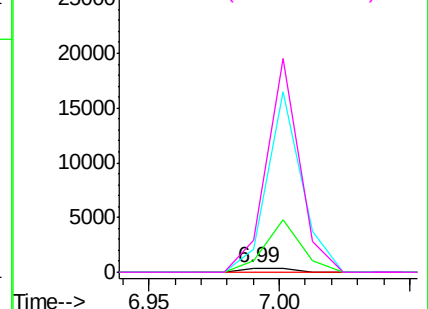
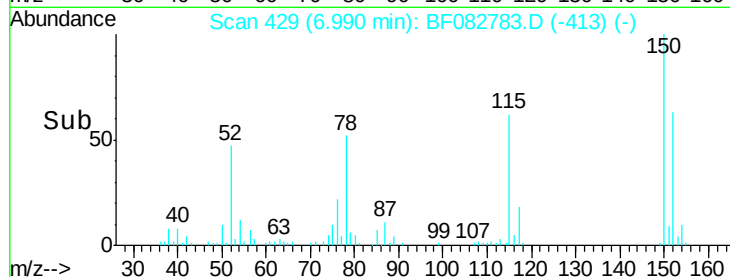


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.66 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Tgt Ion: 70 Resp: 139782

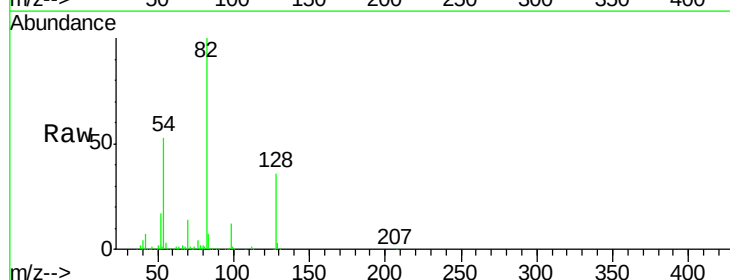
Ion Ratio Lower Upper

70 100

42 48.0 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#

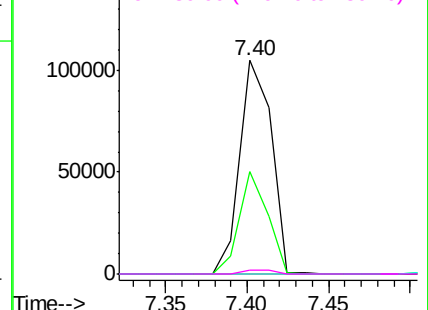
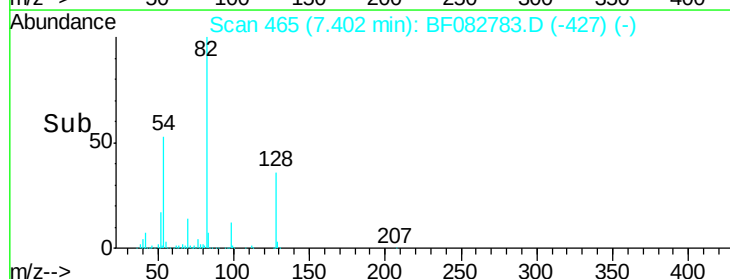


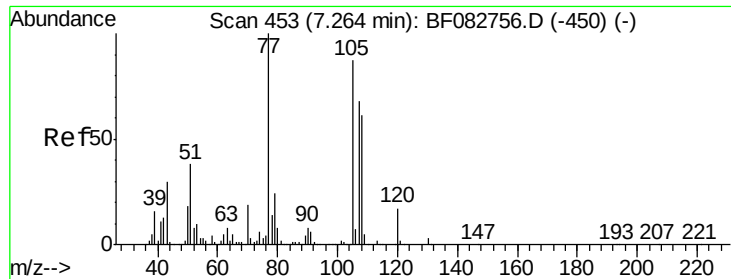
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

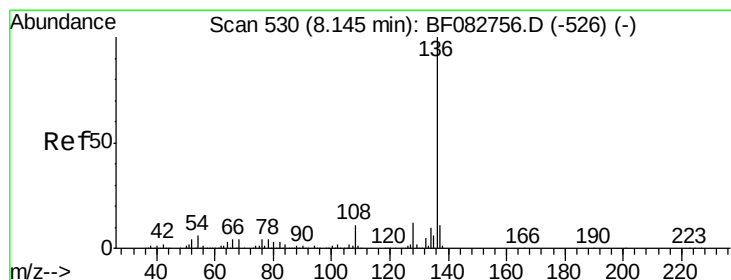
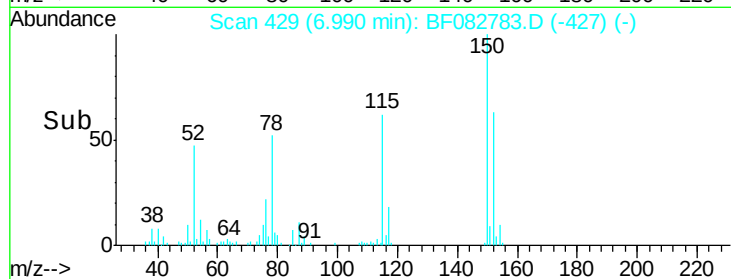
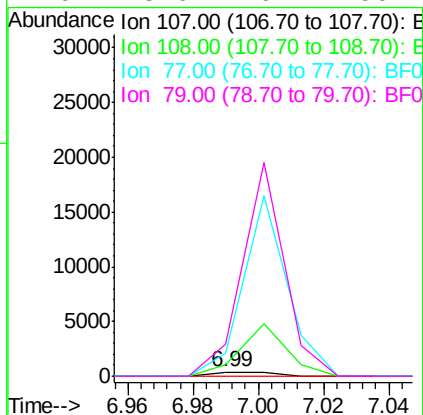
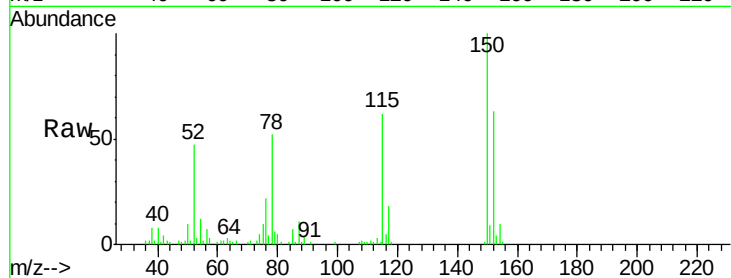




#20
3+4-Methylphenols
Concen: 0.03 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.27 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

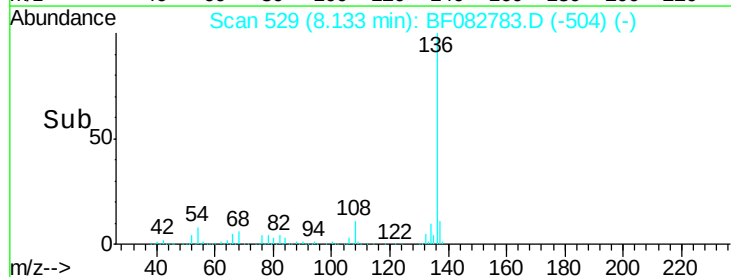
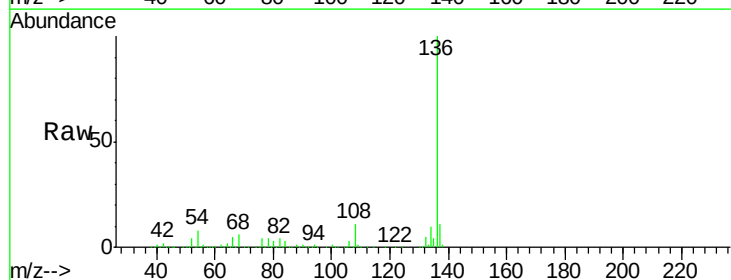
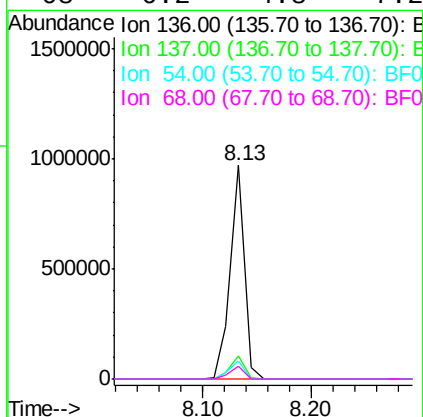
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

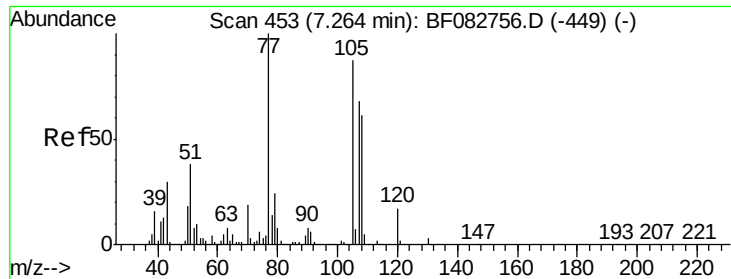
Tgt Ion:107 Resp: 539
Ion Ratio Lower Upper
107 100
108 248.2 67.3 107.3#
77 519.3 100.3 140.3#
79 728.6 16.2 56.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion:136 Resp: 869024
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.4 9.1 13.7#
68 6.2 4.8 7.2





#22

Acetophenone

Concen: 0.02 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

Tgt Ion: 105 Resp: 384

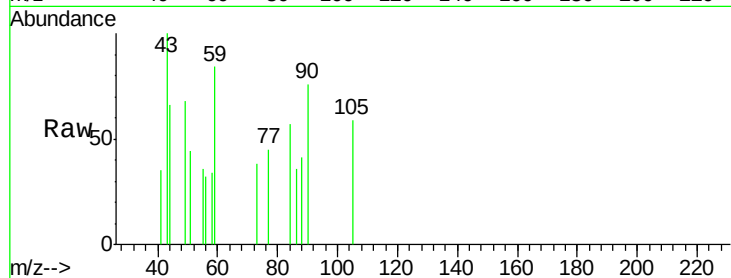
Ion Ratio Lower Upper

105 100

71 0.0 5.6 8.4#

51 74.1 24.9 37.3#

120 0.0 15.8 23.8#



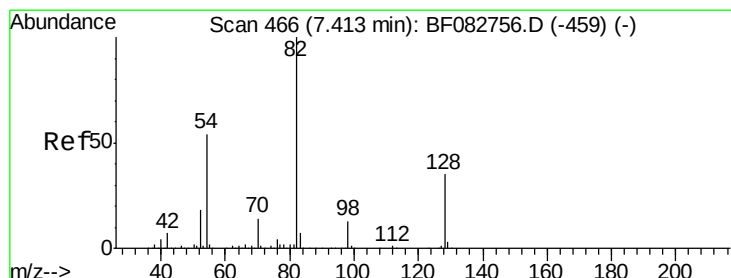
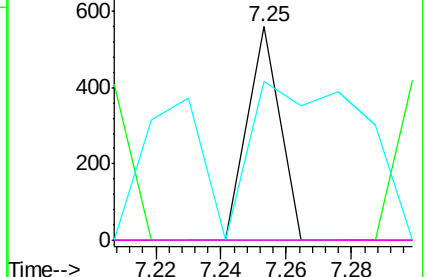
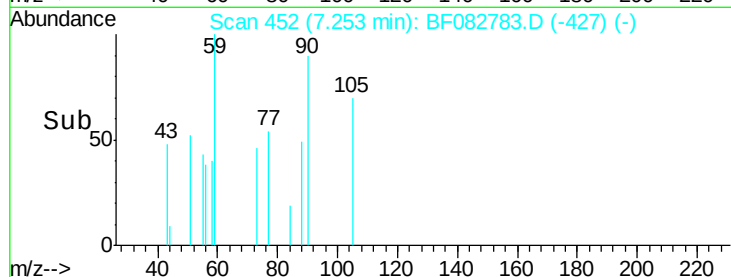
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 52.95 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

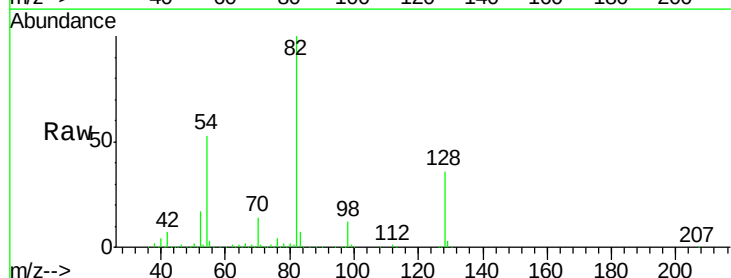
Tgt Ion: 82 Resp: 1057586

Ion Ratio Lower Upper

82 100

128 36.2 26.8 40.2

54 53.0 45.7 68.5

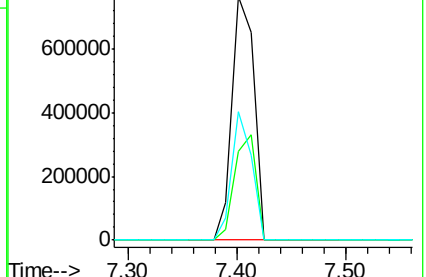
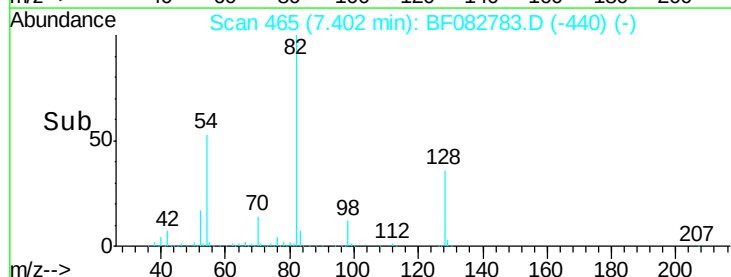


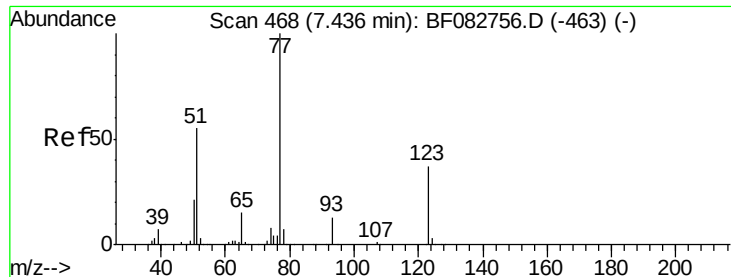
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 0.16 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

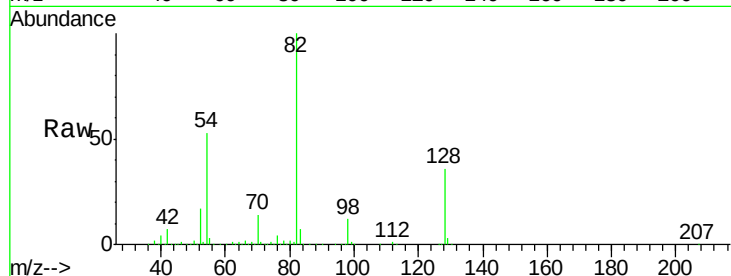
Tgt Ion: 77 Resp: 3240

Ion Ratio Lower Upper

77 100

123 0.0 36.4 54.6#

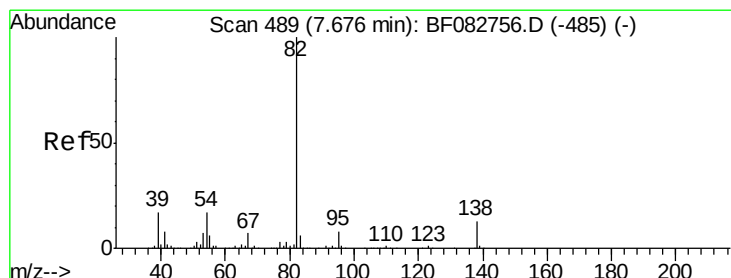
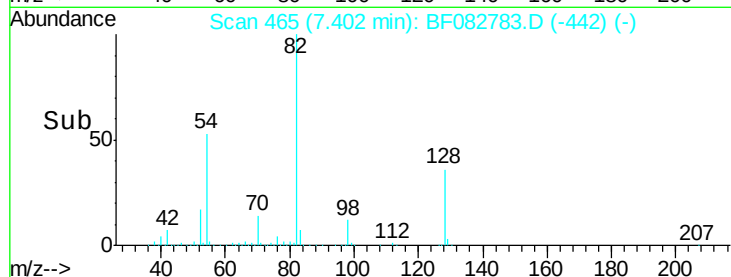
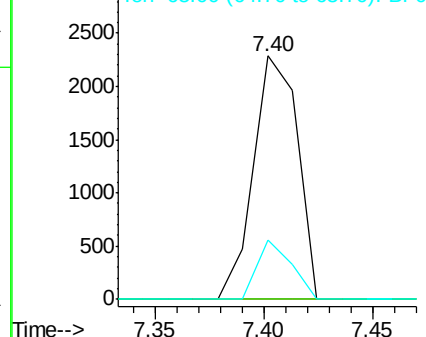
65 24.2 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 26.43 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

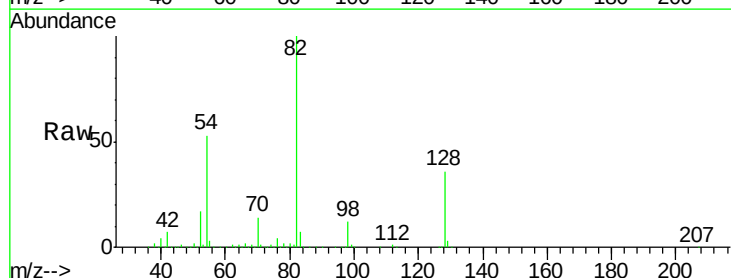
Tgt Ion: 82 Resp: 976508

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

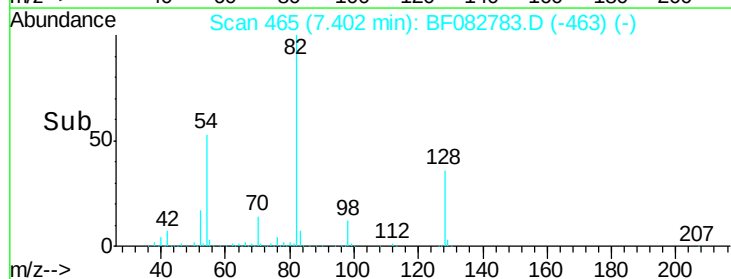
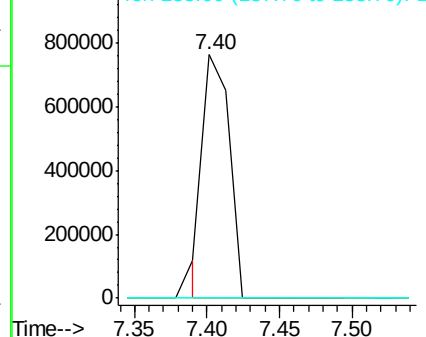
138 0.0 11.4 17.0#

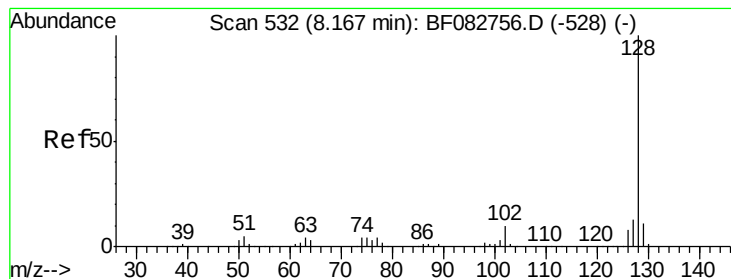


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.04 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

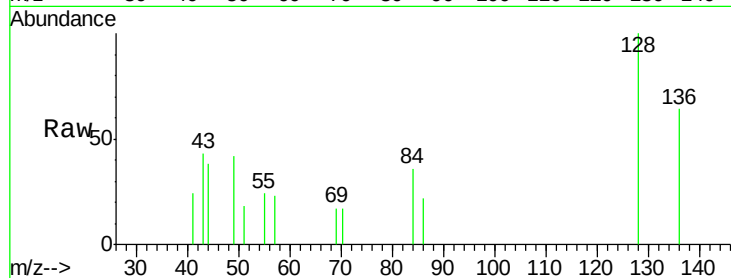
Tgt Ion:128 Resp: 1752

Ion Ratio Lower Upper

128 100

129 0.0 9.5 14.3#

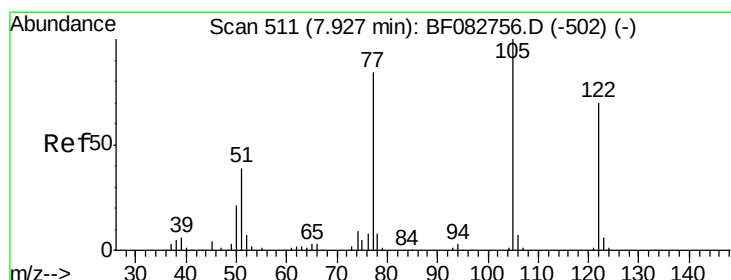
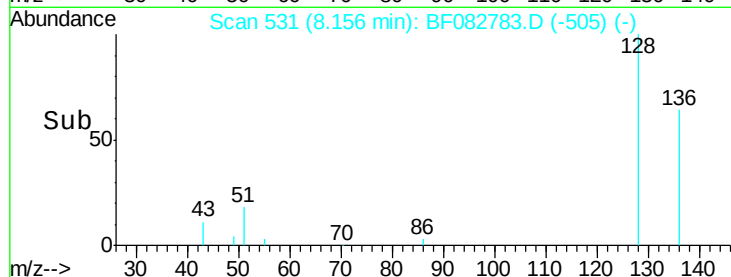
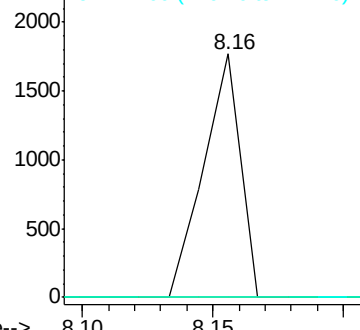
127 0.0 11.4 17.0#



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



#32

Benzoic acid

Concen: 0.02 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.23 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

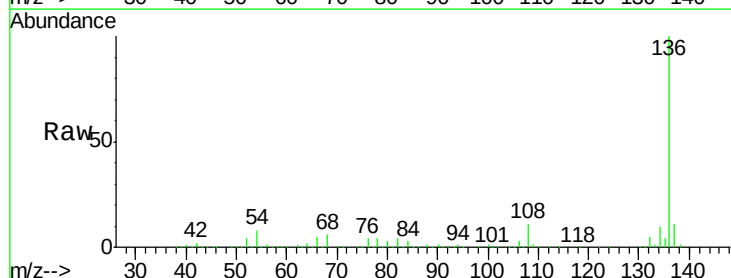
Tgt Ion:122 Resp: 226

Ion Ratio Lower Upper

122 100

105 319.5 122.6 162.6#

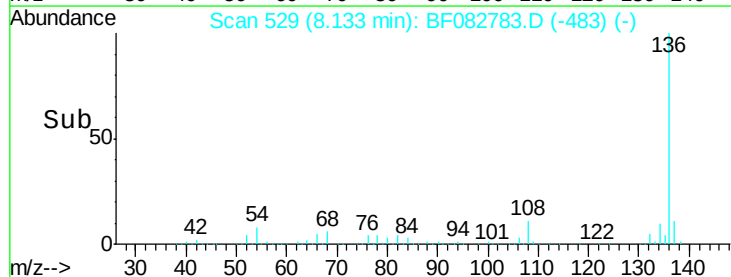
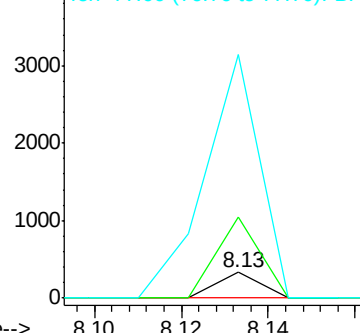
77 955.0 100.9 140.9#

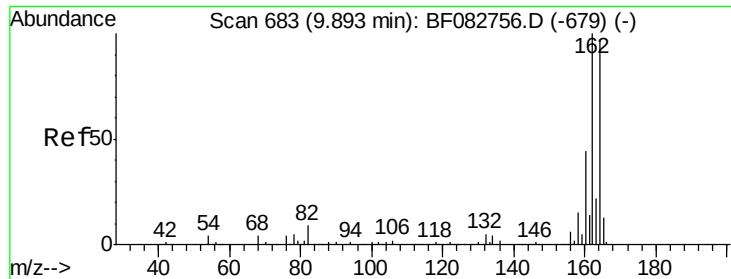


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

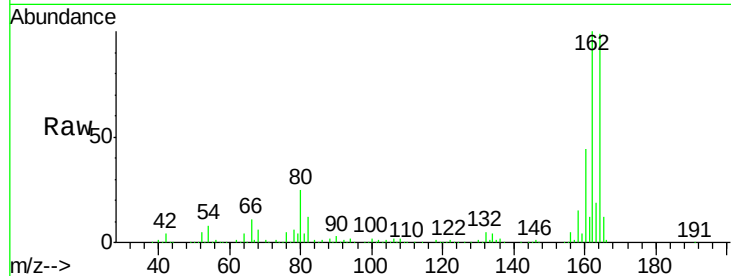




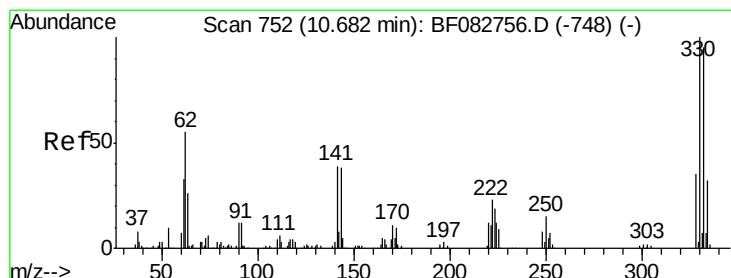
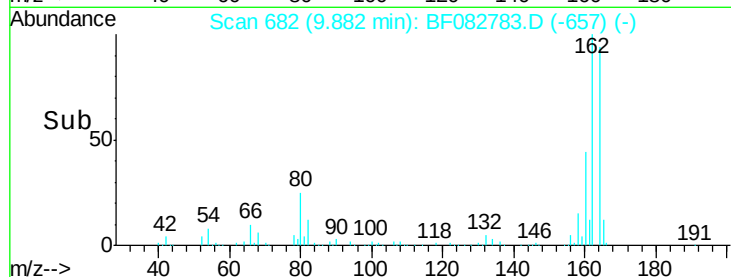
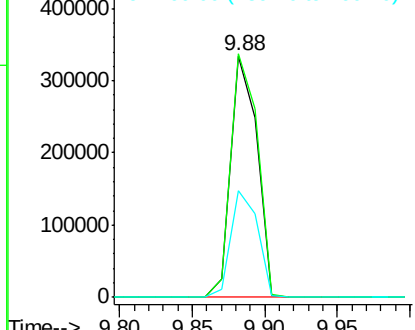
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

Tgt Ion:164 Resp: 419229
Ion Ratio Lower Upper
164 100
162 100.7 84.9 127.3
160 44.1 37.5 56.3

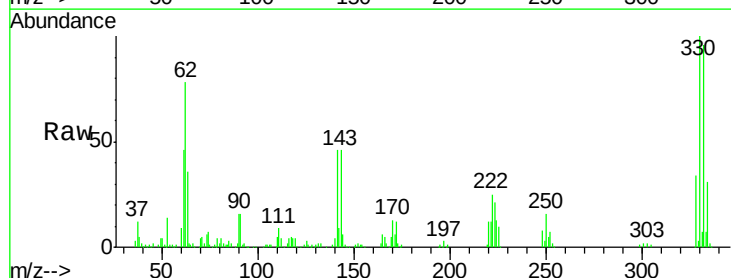


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

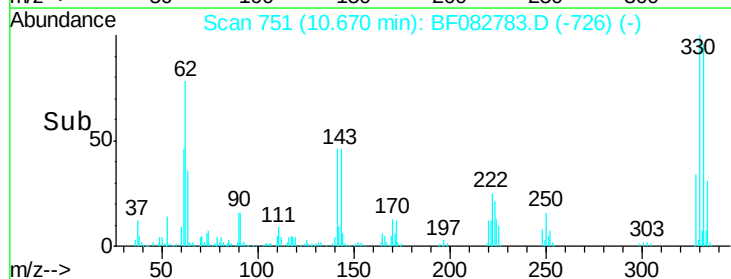
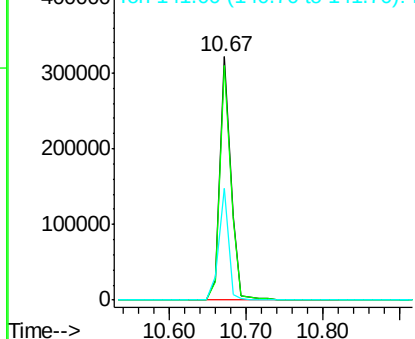


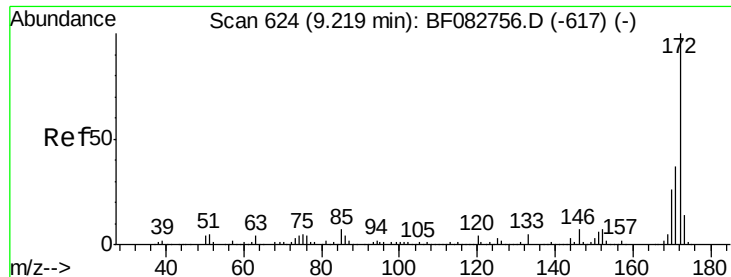
#41
2,4,6-Tribromophenol
Concen: 68.21 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion:330 Resp: 327870
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 40.3 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

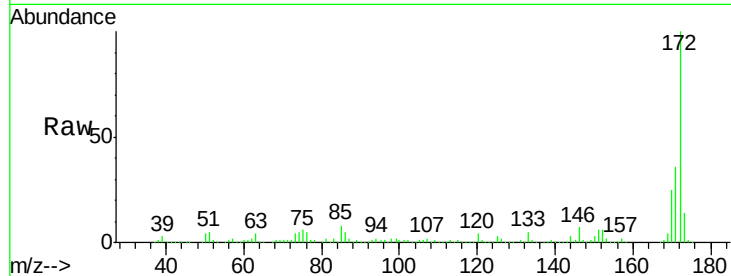




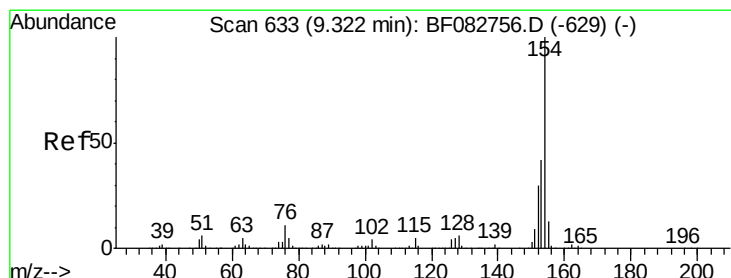
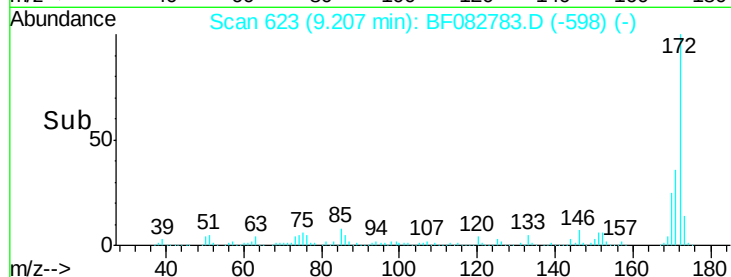
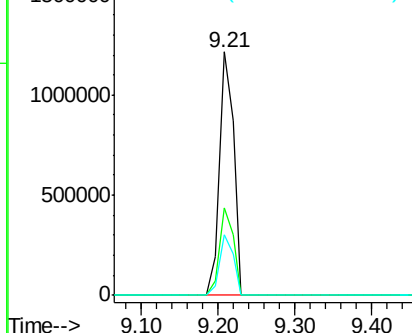
#44
2-Fluorobiphenyl
Concen: 53.87 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

Tgt Ion:172 Resp: 1575678
Ion Ratio Lower Upper
172 100
171 36.1 30.8 46.2
170 24.8 21.2 31.8

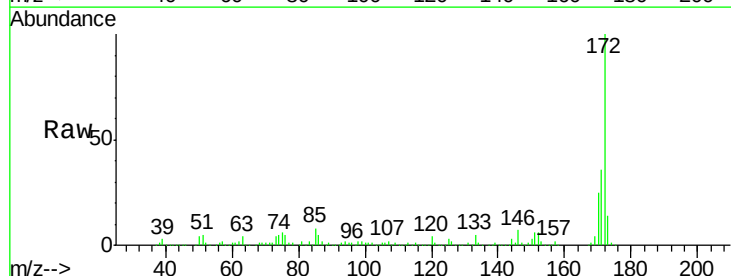


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

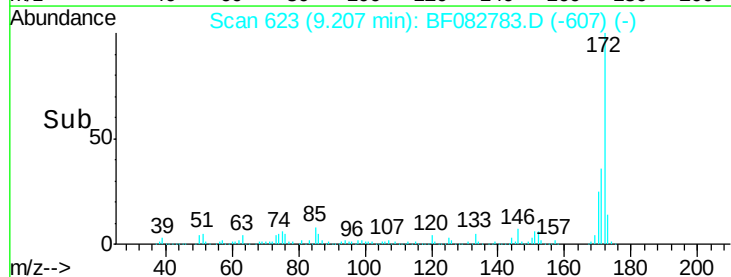
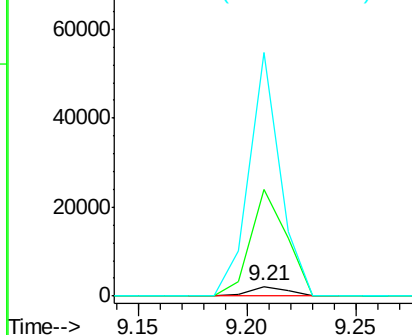


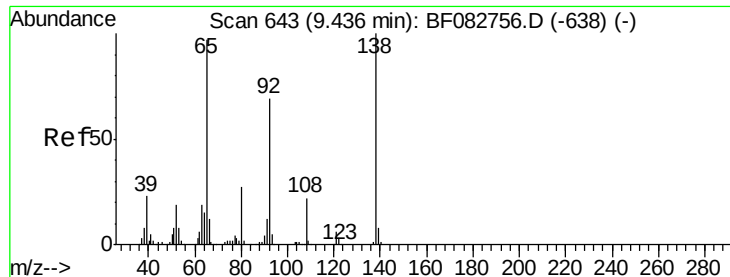
#45
1,1'-Biphenyl
Concen: 0.07 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.11 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion:154 Resp: 2605
Ion Ratio Lower Upper
154 100
153 1092.8 22.0 62.0#
76 2480.1 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

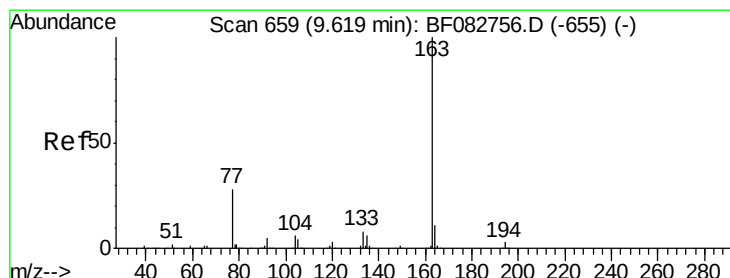
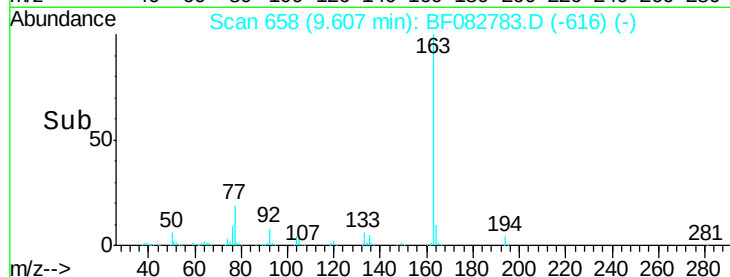
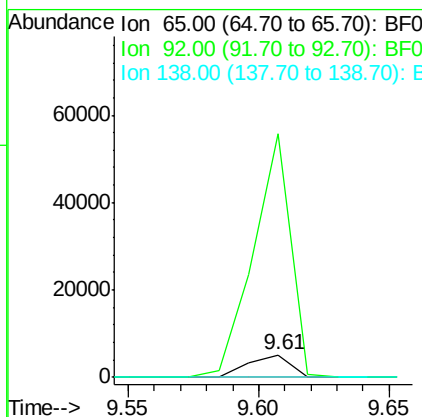
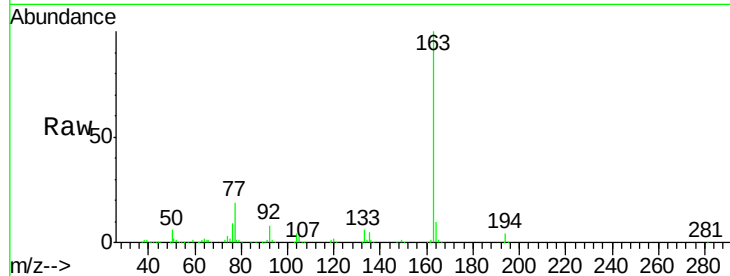




#47
2-Nitroaniline
Concen: 0.56 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.18 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

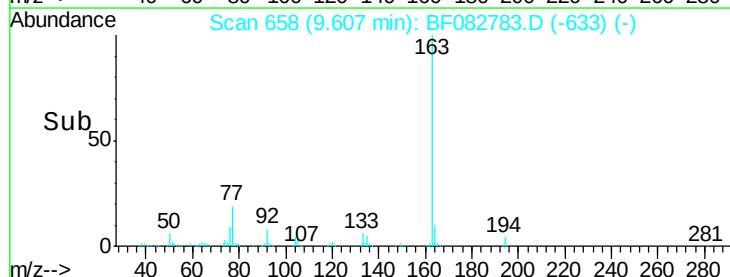
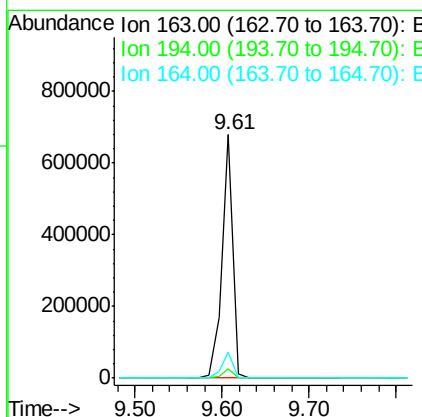
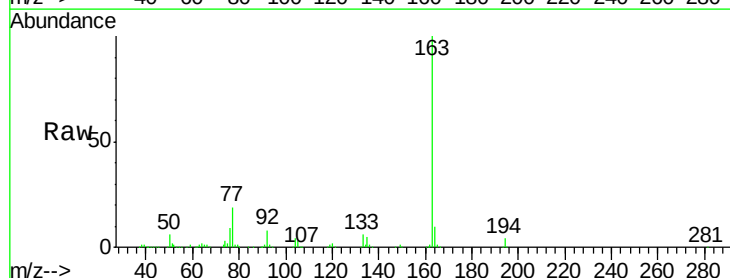
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

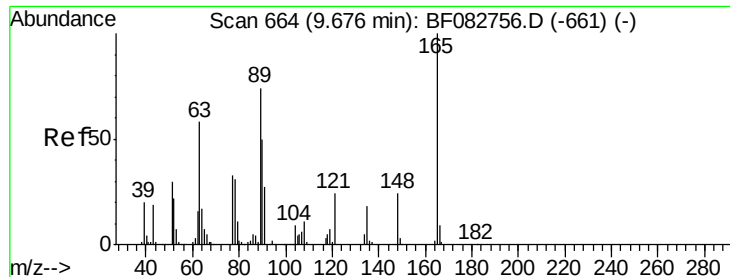
Tgt Ion: 65 Resp: 5811
Ion Ratio Lower Upper
65 100
92 1071.3 46.6 70.0#
138 0.0 54.6 81.8#



#49
Dimethylphthalate
Concen: 17.49 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion: 163 Resp: 600891
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.4 8.7 13.1





#50

2,6-Dinitrotoluene

Concen: 0.85 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

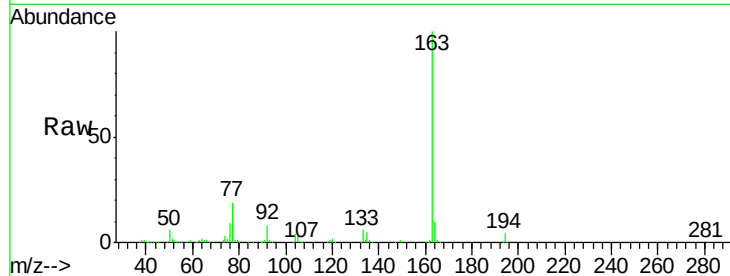
Tgt Ion:165 Resp: 6202

Ion Ratio Lower Upper

165 100

63 126.4 55.5 83.3#

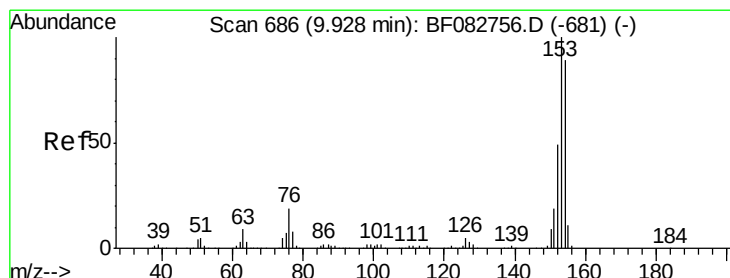
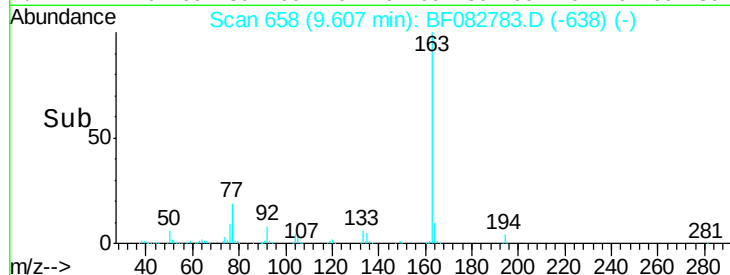
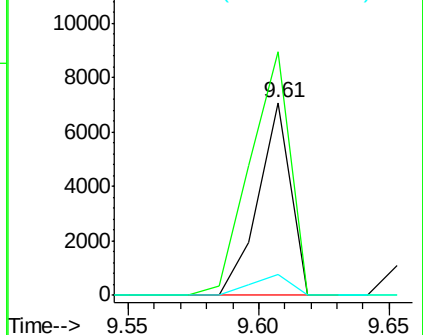
89 11.1 55.0 82.6#



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: 0.04 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

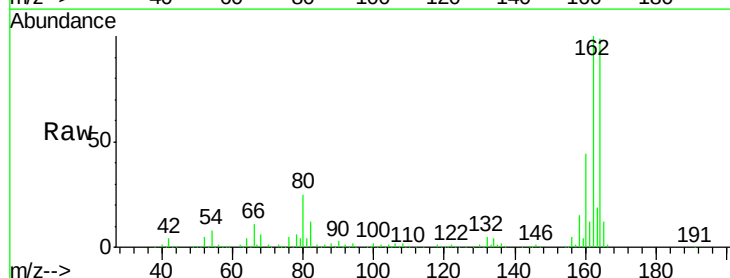
Tgt Ion:154 Resp: 1170

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

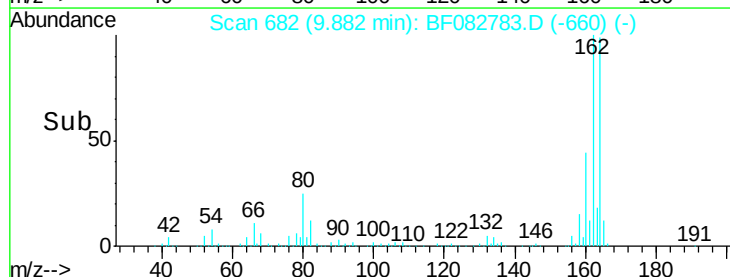
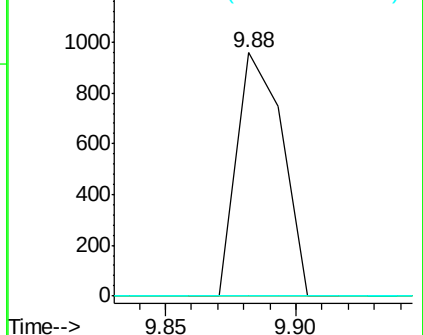
152 0.0 44.3 66.5#

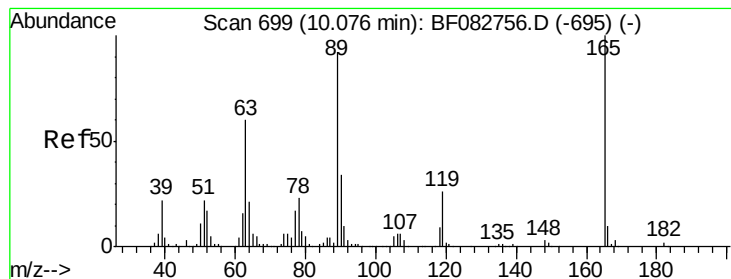


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 5.14 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

Tgt Ion:165 Resp: 51107

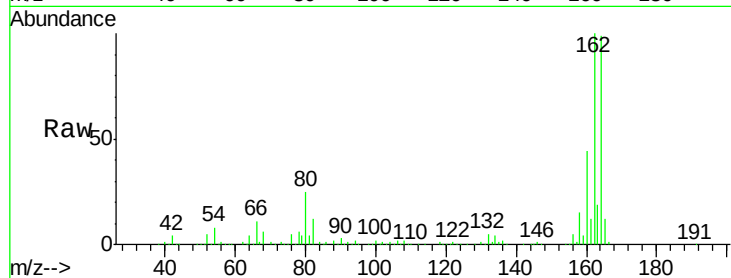
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

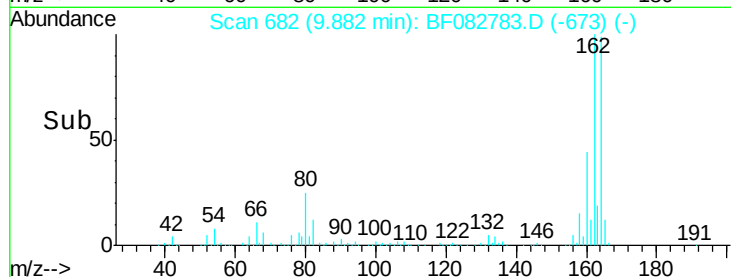


Abundance Ion 165.00 (164.70 to 165.70): E

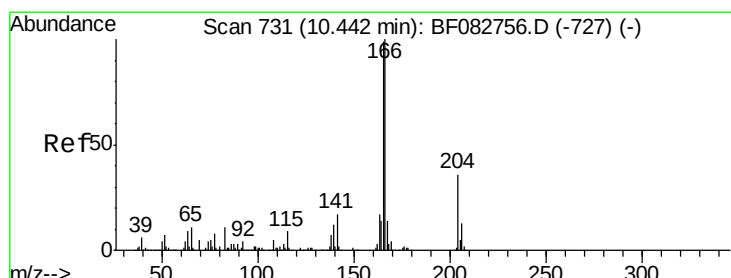
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 0.48 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

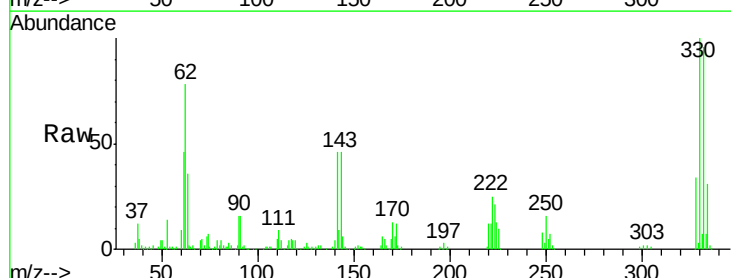
Tgt Ion:166 Resp: 14647

Ion Ratio Lower Upper

166 100

165 111.7 80.2 120.4

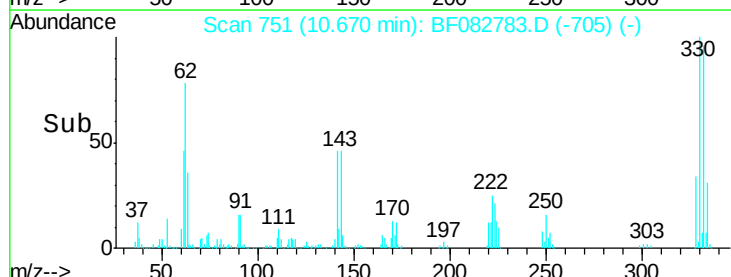
167 37.2 11.2 16.8#



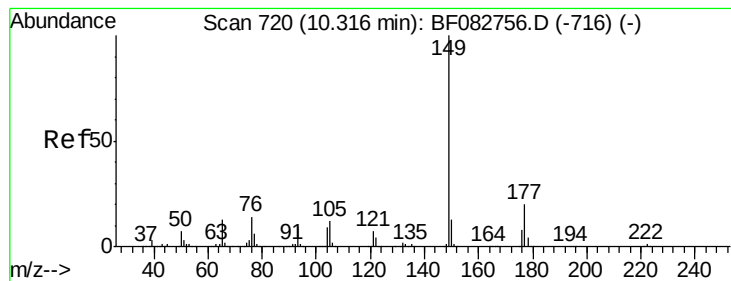
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#59

Diethylphthalate

Concen: 0.39 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

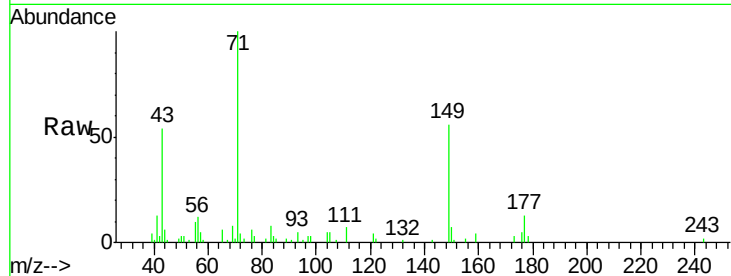
Tgt Ion:149 Resp: 13093

Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

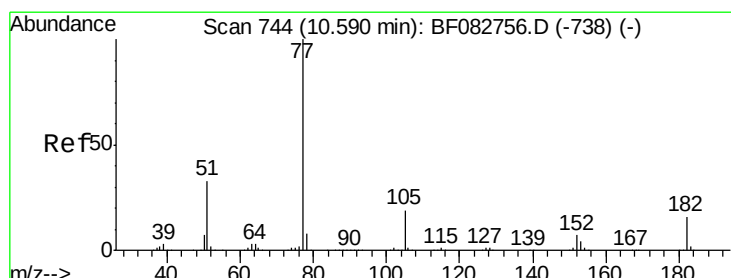
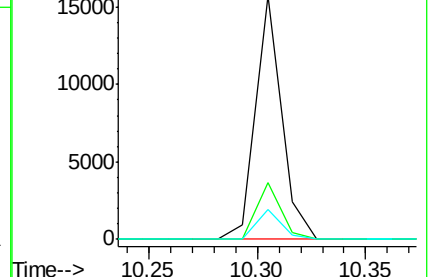
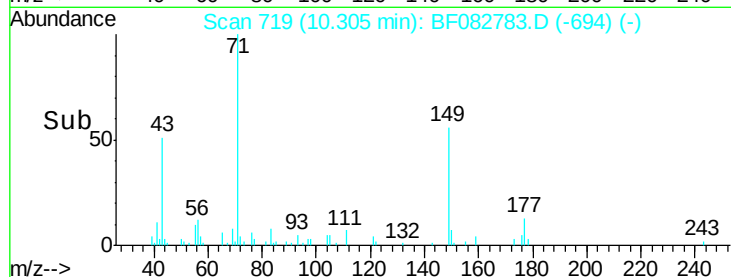
150 12.5 10.1 15.1



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: 0.01 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Tgt Ion: 77 Resp: 494

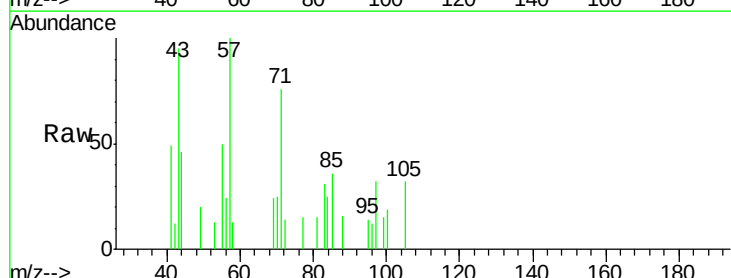
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 206.1 2.6 42.6#

51 0.0 9.9 49.9#

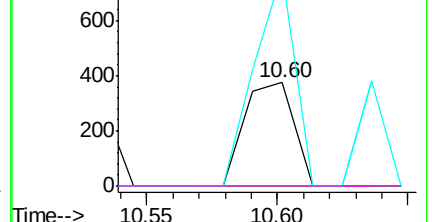
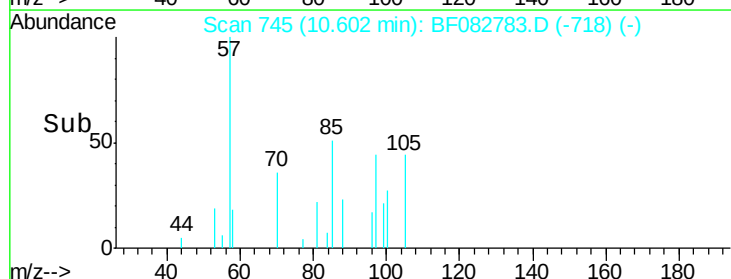


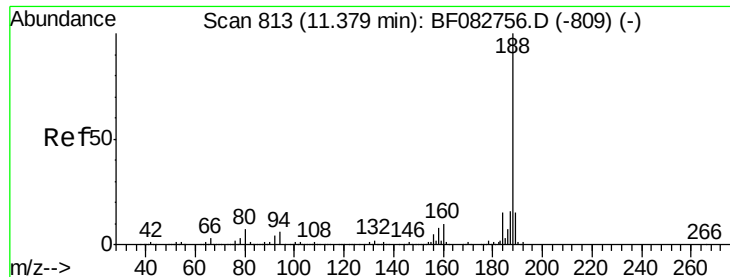
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

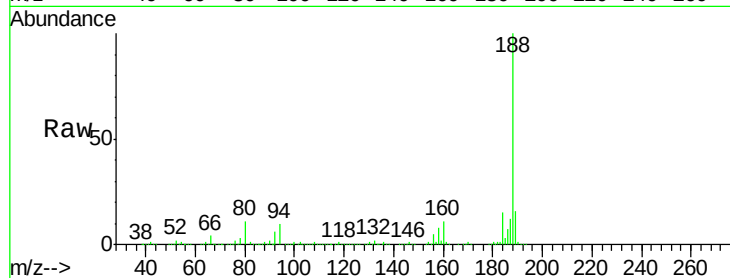
Tgt Ion:188 Resp: 807773

Ion Ratio Lower Upper

188 100

94 9.6 6.1 9.1#

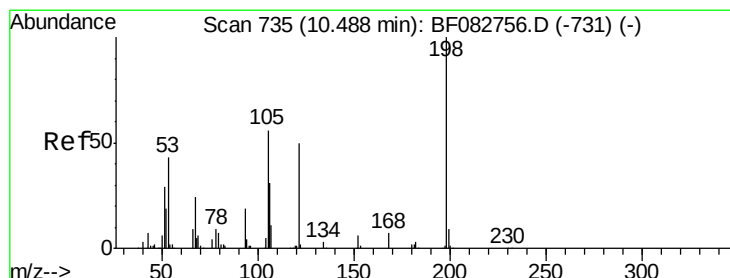
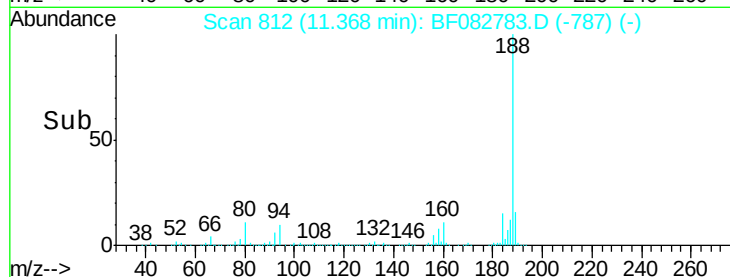
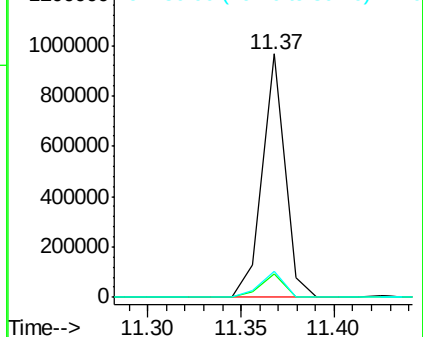
80 10.7 7.0 10.6#



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: 0.13 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.18 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

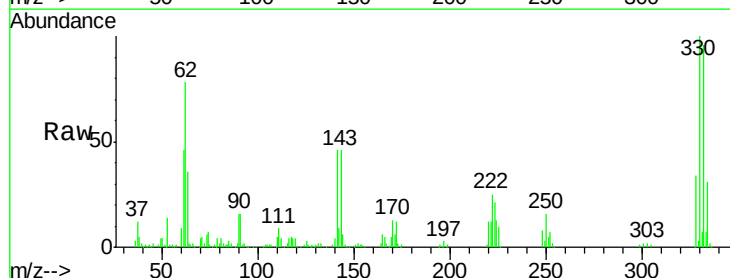
Tgt Ion:198 Resp: 762

Ion Ratio Lower Upper

198 100

51 166.1 17.3 57.3#

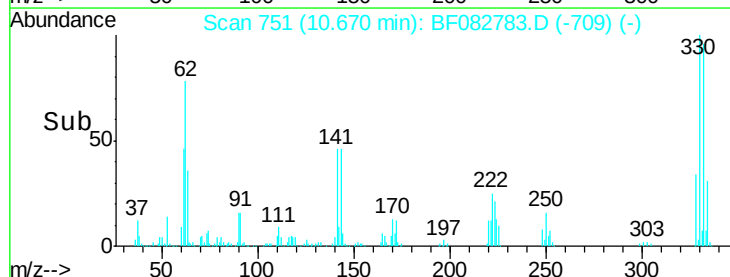
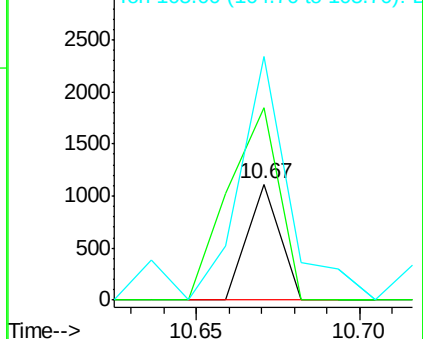
105 210.5 21.7 61.7#

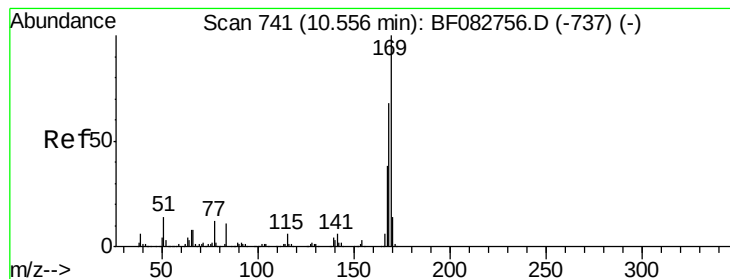


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.44 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.11 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

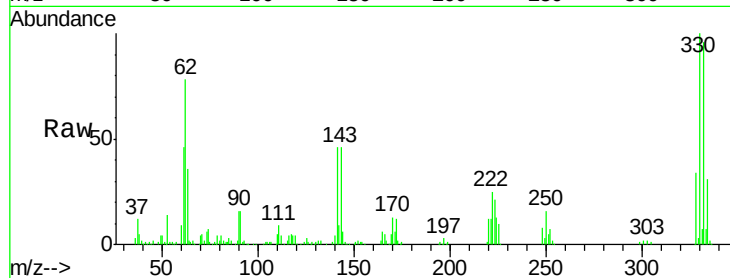
Tgt Ion:169 Resp: 12807

Ion Ratio Lower Upper

169 100

168 6.2 55.0 82.6#

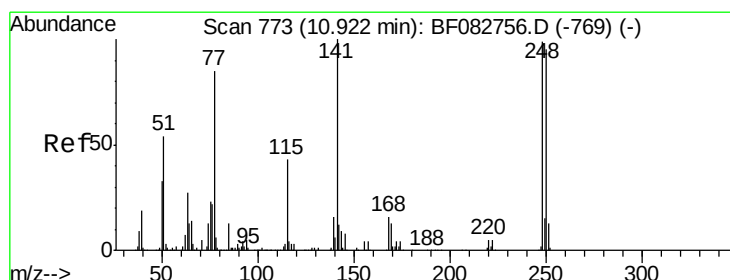
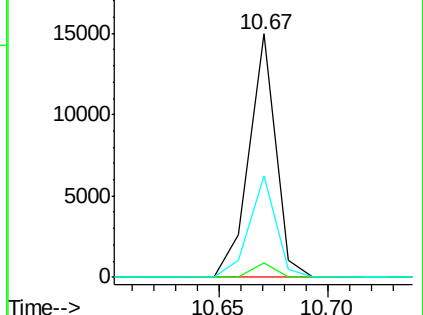
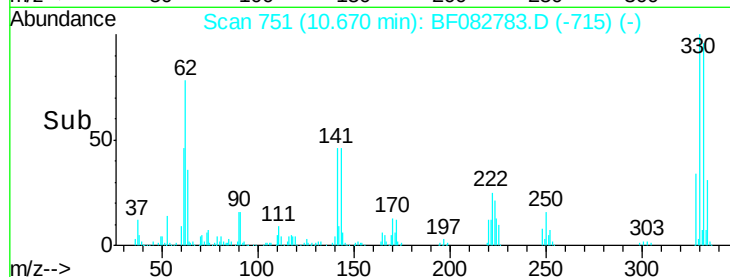
167 41.7 30.5 45.7



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: 2.30 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

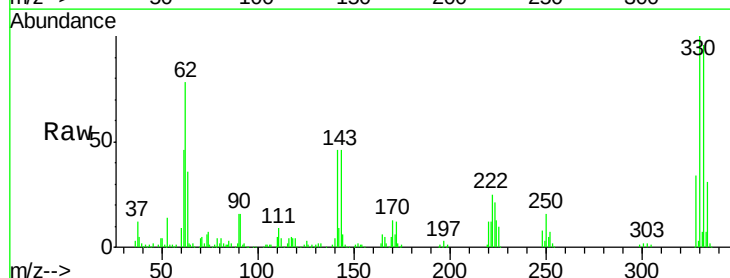
Tgt Ion:248 Resp: 22411

Ion Ratio Lower Upper

248 100

250 199.9 79.4 119.2#

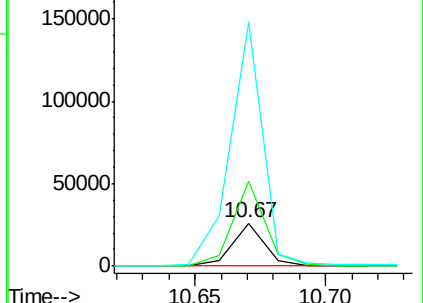
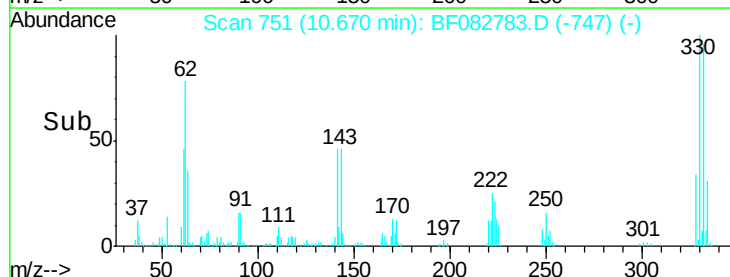
141 570.9 36.3 54.5#

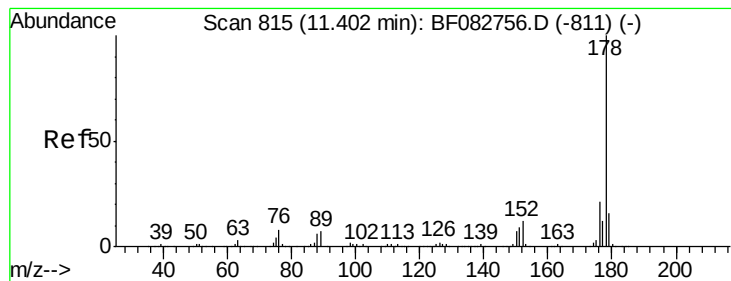


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.02 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

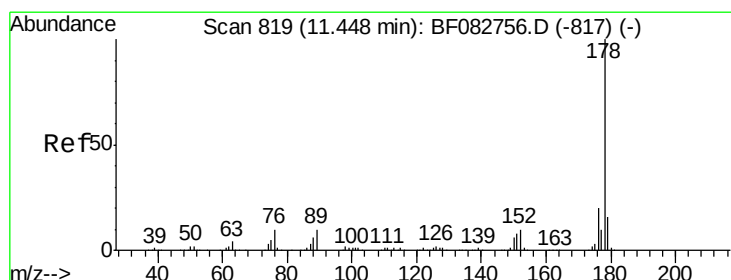
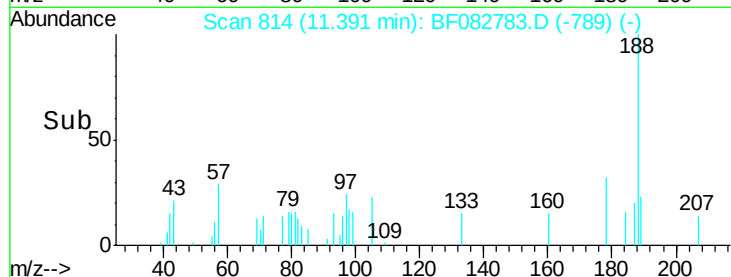
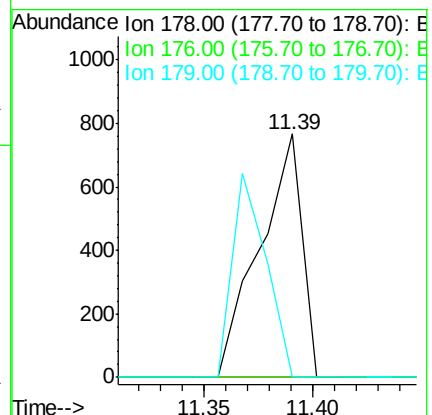
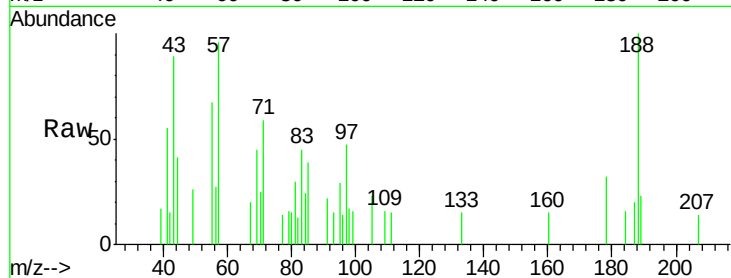
Tgt Ion:178 Resp: 1045

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

179 0.0 13.4 20.0#



#71

Anthracene

Concen: 0.02 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

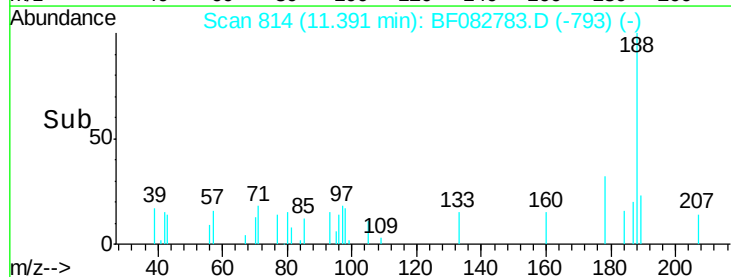
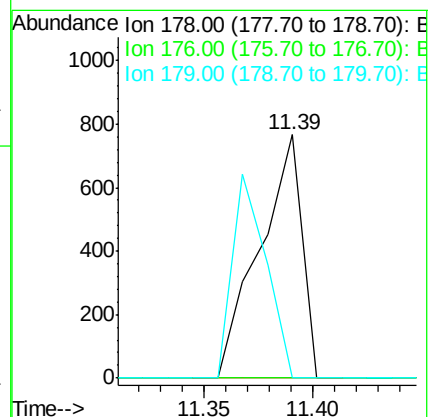
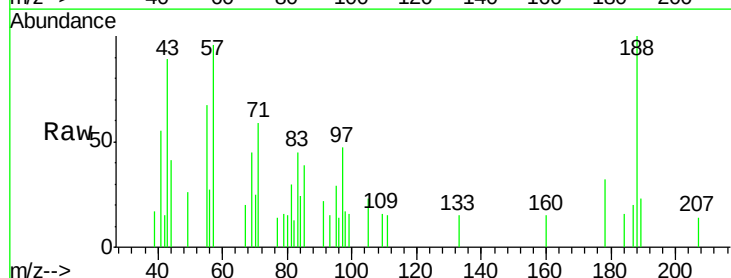
Tgt Ion:178 Resp: 1045

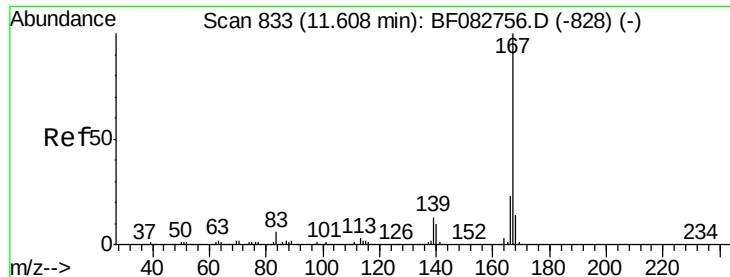
Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

179 0.0 13.2 19.8#





#72

Carbazole

Concen: 0.01 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

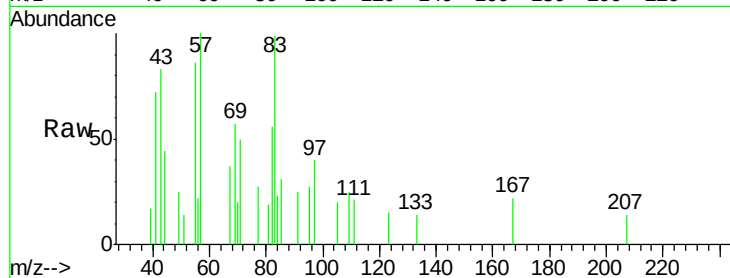
Tgt Ion:167 Resp: 340

Ion Ratio Lower Upper

167 100

166 0.0 18.7 28.1#

139 0.0 11.8 17.6#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

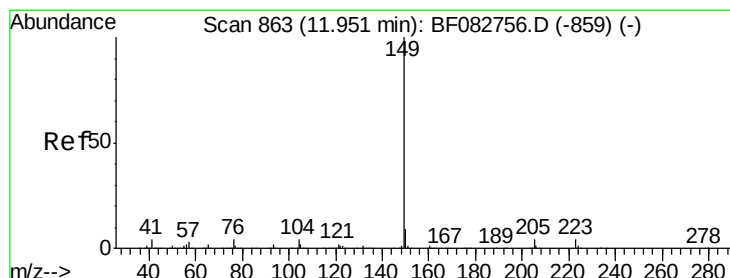
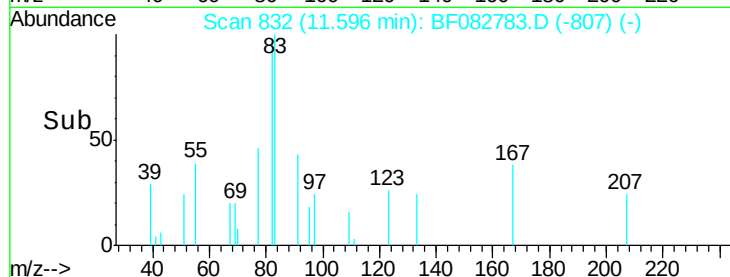
11.60

400

200

0

Time-->



#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

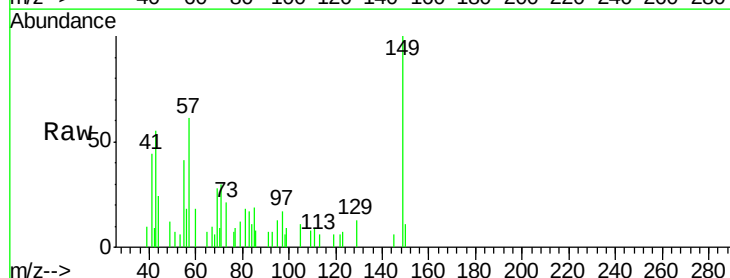
Tgt Ion:149 Resp: 4255

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

104 0.0 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

11.94

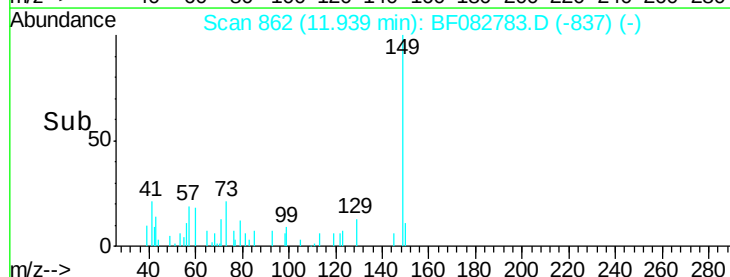
6000

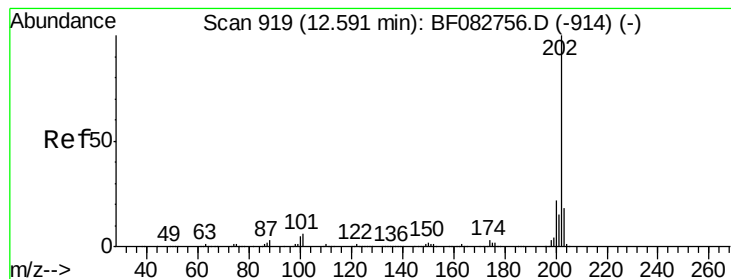
4000

2000

0

Time-->





#74

Fluoranthene

Concen: 0.01 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.21 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

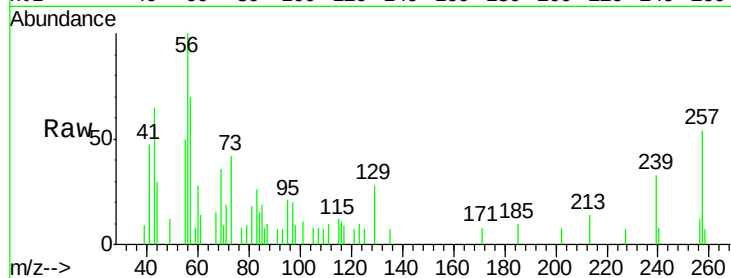
Tgt Ion:202 Resp: 262

Ion Ratio Lower Upper

202 100

101 135.6 0.0 30.5#

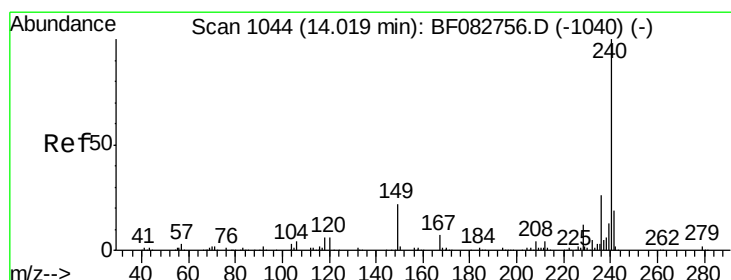
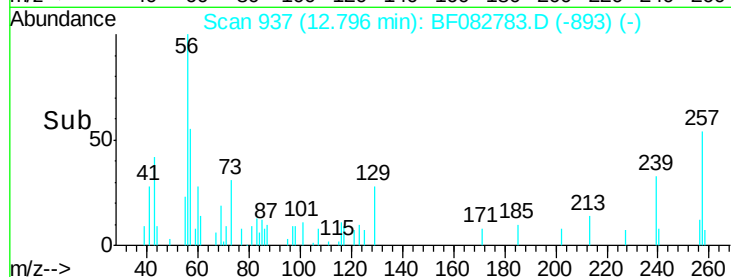
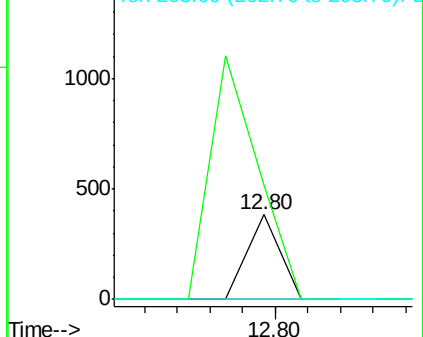
203 0.0 0.0 38.5



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

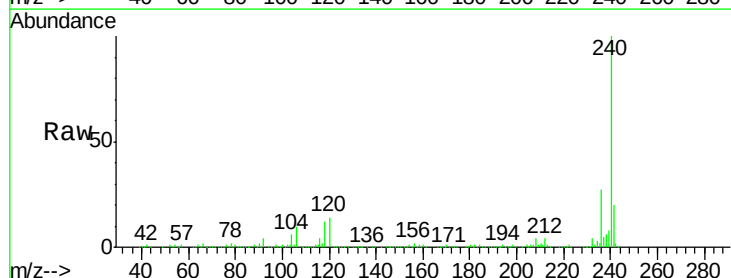
Tgt Ion:240 Resp: 689861

Ion Ratio Lower Upper

240 100

120 13.6 10.9 16.3

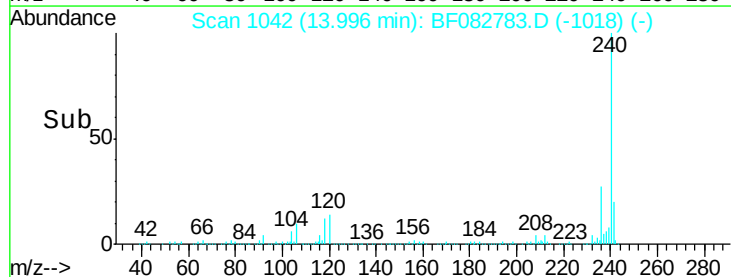
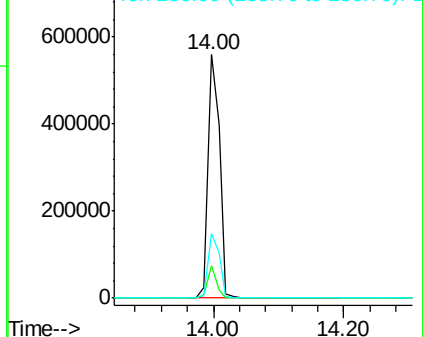
236 26.7 21.6 32.4

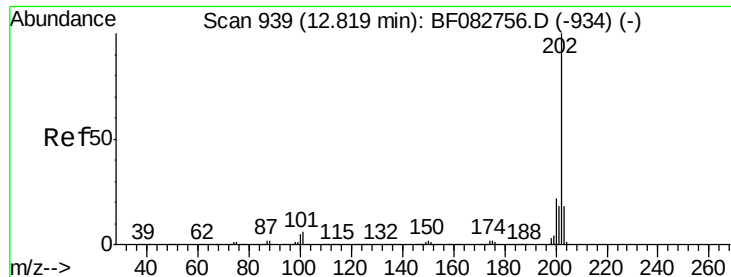


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

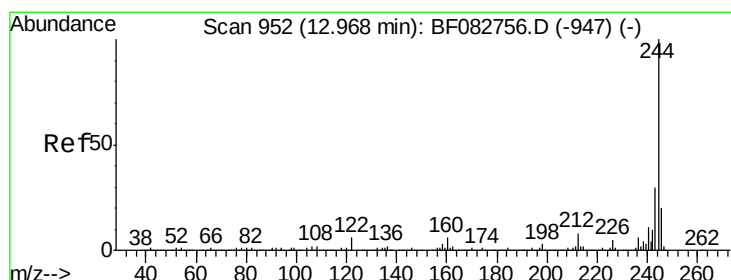
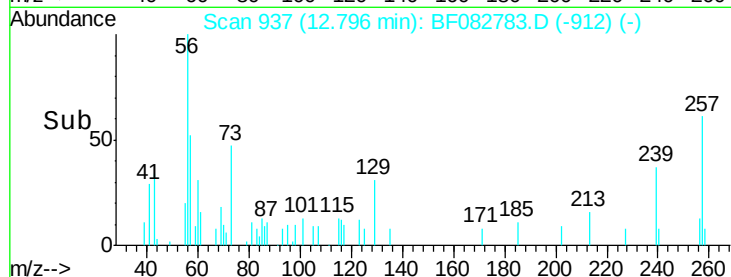
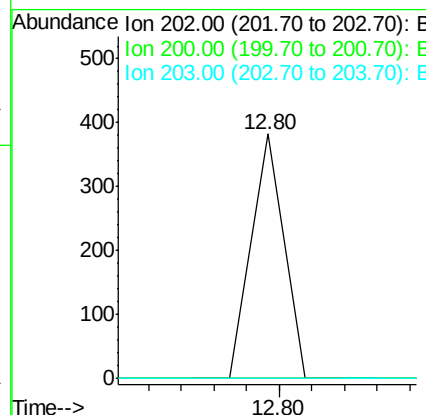
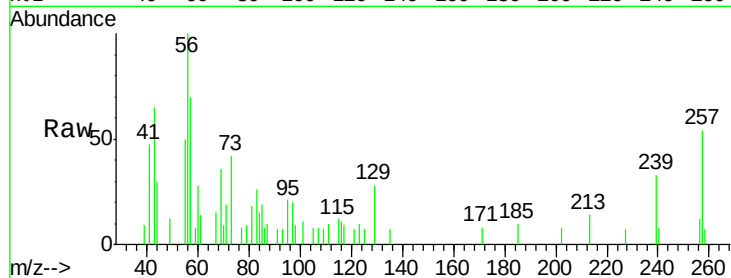




#77
 Pyrene
 Concen: 0.01 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF082783.D
 Acq: 7 Nov 2015 1:47

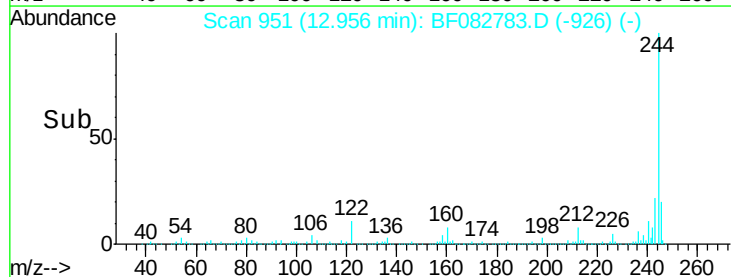
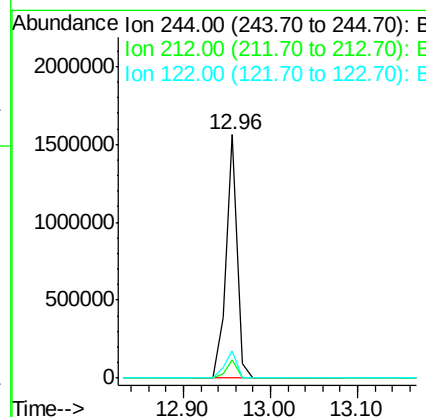
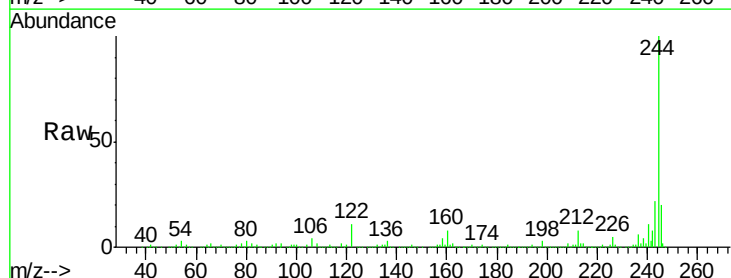
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-3(0-2)

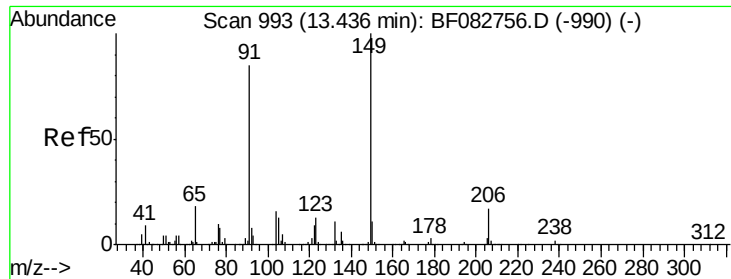
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	18.7	28.1#
203	0.0	14.8	22.2#



#78
 Terphenyl-d14
 Concen: 48.53 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082783.D
 Acq: 7 Nov 2015 1:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.6	11.4
122	11.2	11.3	16.9#





#79

Butylbenzylphthalate

Concen: 0.05 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

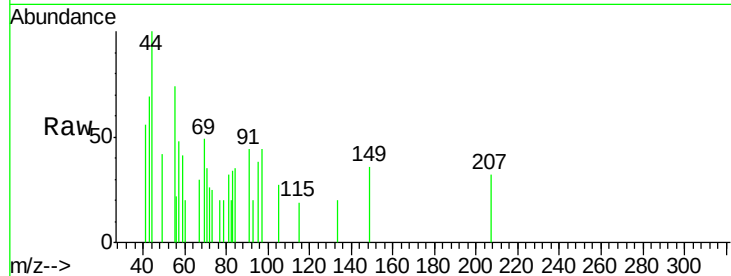
Tgt Ion:149 Resp: 955

Ion Ratio Lower Upper

149 100

91 124.4 67.7 101.5#

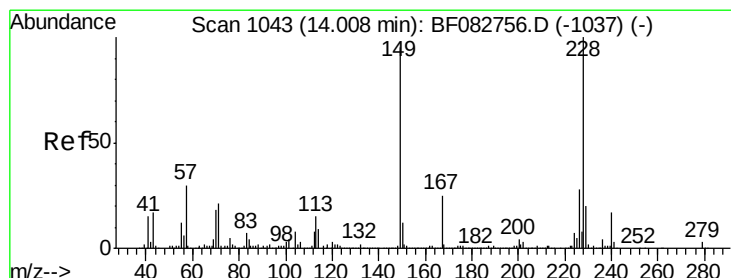
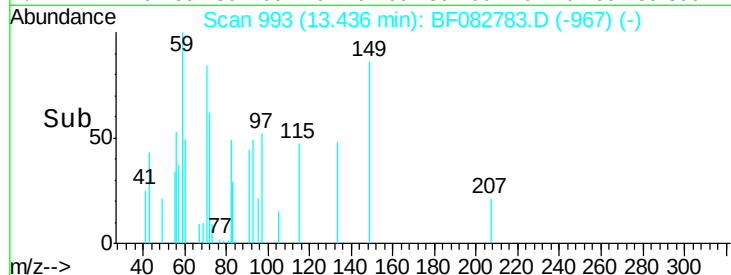
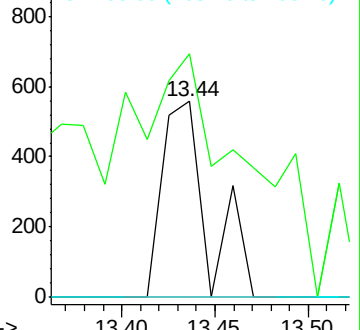
206 0.0 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

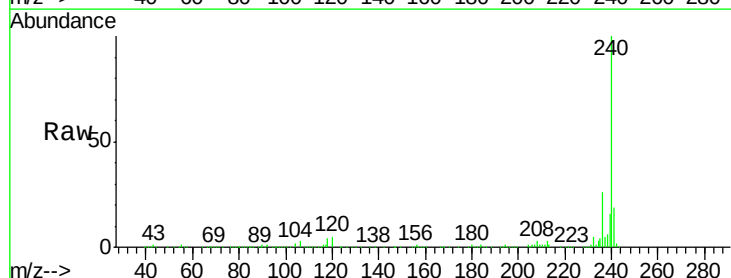
Tgt Ion:228 Resp: 1797

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

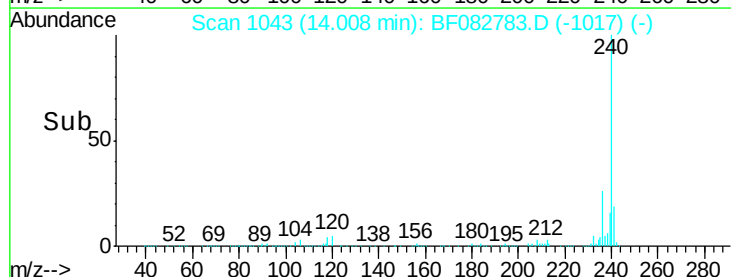
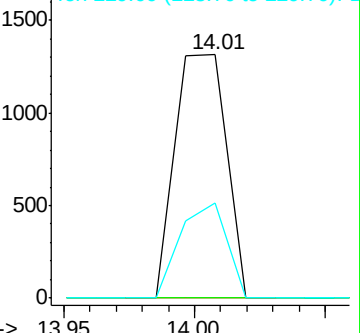
229 39.2 16.3 24.5#

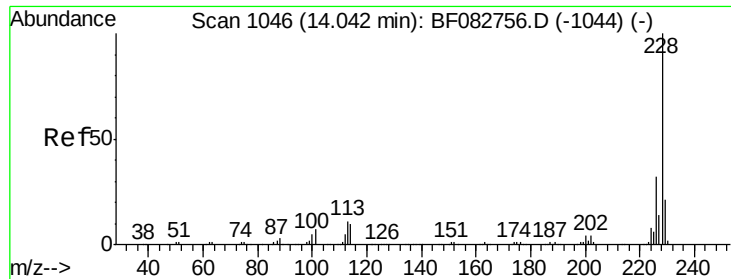


Abundance Ion 228.00 (227.70 to 228.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

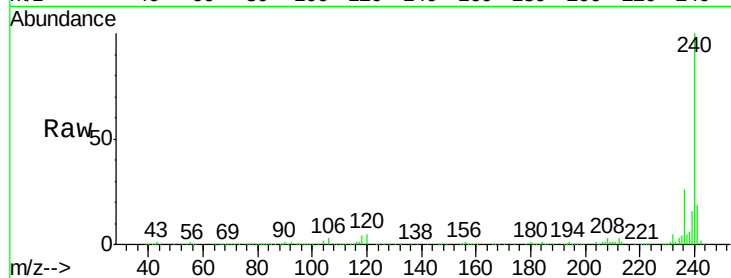
Tgt Ion:228 Resp: 1797

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

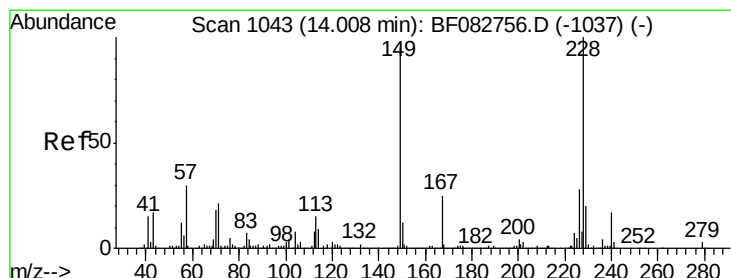
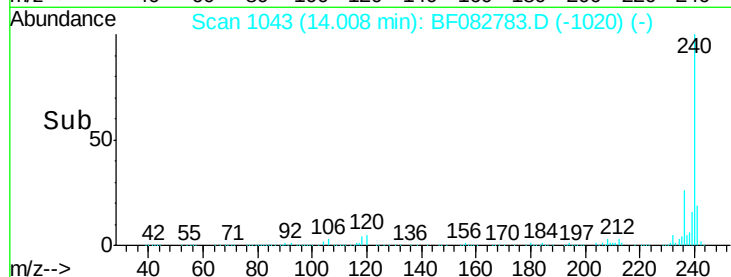
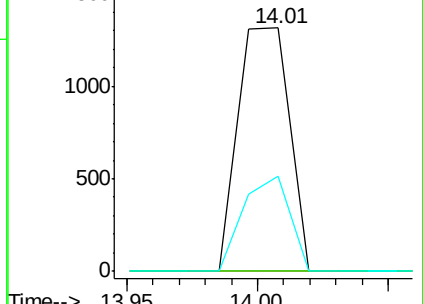
229 39.2 16.3 24.5#



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: 0.07 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

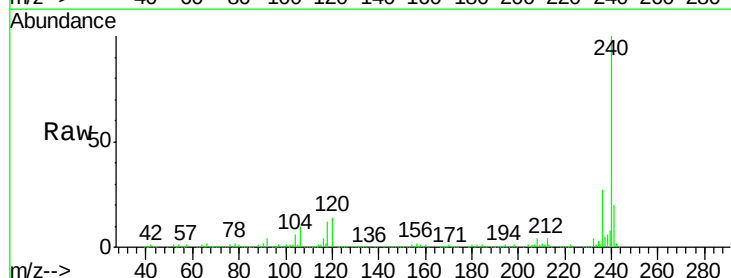
Tgt Ion:149 Resp: 2002

Ion Ratio Lower Upper

149 100

167 39.4 21.2 31.8#

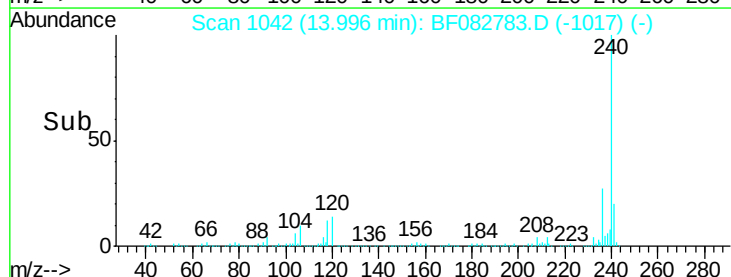
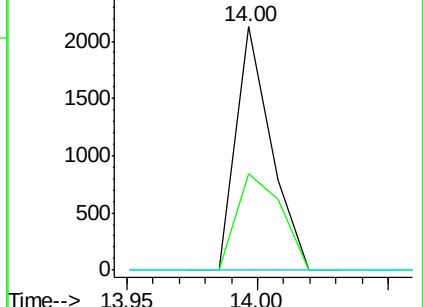
279 0.0 2.2 3.2#

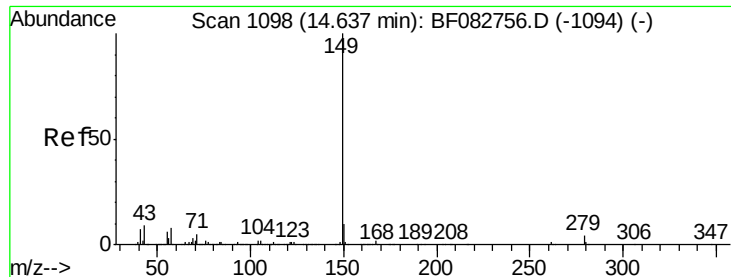


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

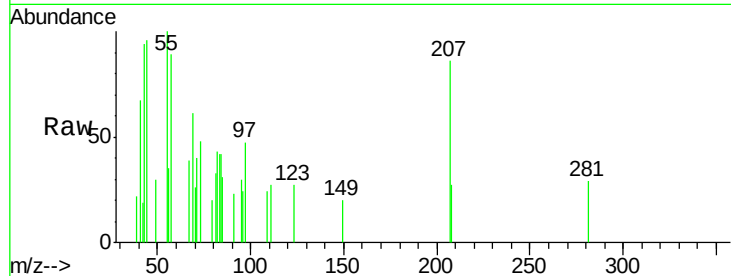




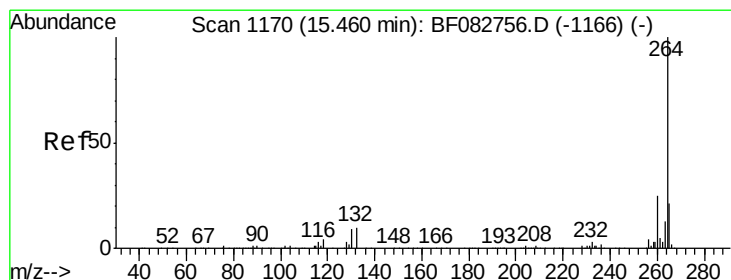
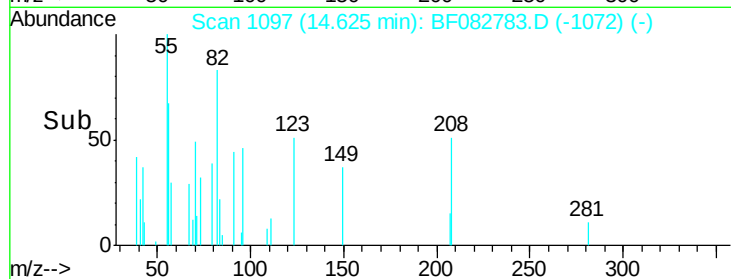
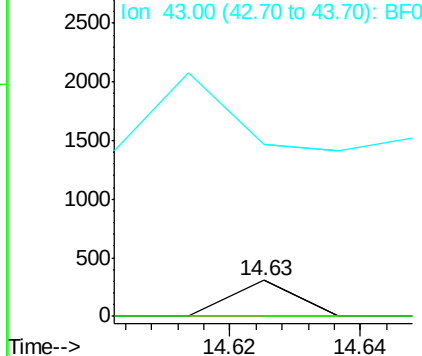
#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

Tgt Ion:149 Resp: 210
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.1 15.1#

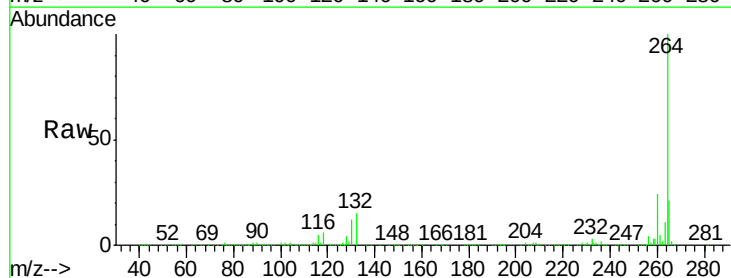


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

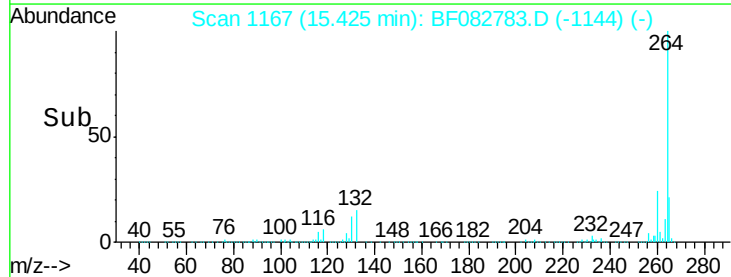
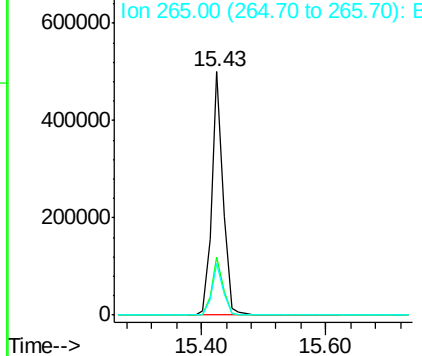


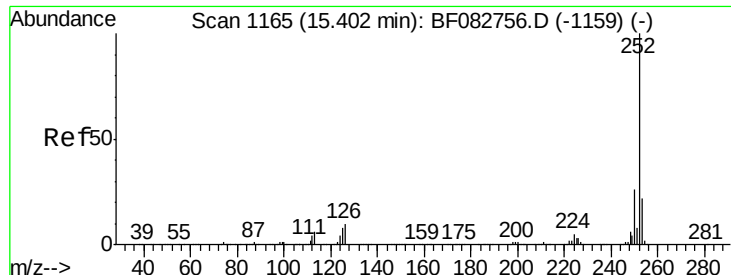
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Tgt Ion:264 Resp: 617745
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 21.1 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





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF082783.D

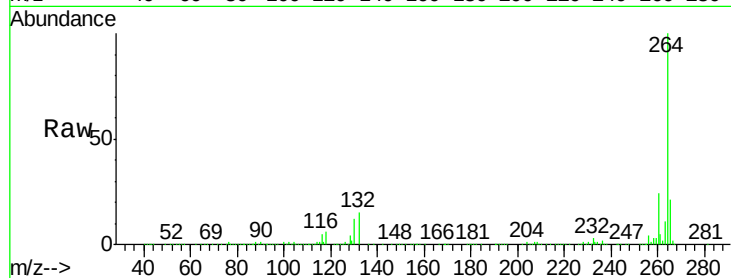
Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)



Tgt Ion:	252	Resp:	1950
Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.3	25.9#
125	30.1	7.1	10.7#

