

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082784.D
 Acq On : 7 Nov 2015 2:16
 Operator : UM/IZ
 Sample : G4258-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-5(0-2)

Quant Time: Nov 07 03:19:10 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	209525	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	947103	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	470494	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	931744	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	847715	20.00	ng	-0.02
86) Perylene-d12	15.43	264	716351	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1647557	122.35	ng	0.01
7) Phenol-d6	6.48	99	1863780	104.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	1361727	62.56	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	455374	84.41	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1868609	56.92	ng	-0.01
78) Terphenyl-d14	12.96	244	1738157	48.63	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	360	0.06	ng	# 20
4) n-Nitrosodimethylamine	3.10	42	251	0.03	ng	# 1
6) Aniline	6.49	93	275	0.01	ng	# 1
8) 2-Chlorophenol	6.64	128	560	0.04	ng	# 29
9) Benzaldehyde	6.61	77	35286	3.57	ng	86
10) Phenol	6.49	94	9831	0.48	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	2415	0.16	ng	# 1
15) Benzyl Alcohol	7.00	79	19814	1.26	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	7.28	45	728	0.03	ng	71
17) 2-Methylphenol	6.99	107	728	0.06	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	183310	13.93	ng	# 66
20) 3+4-Methylphenols	6.99	107	728	0.04	ng	# 1
22) Acetophenone	7.25	105	757	0.03	ng	# 50
24) Nitrobenzene	7.41	77	4334	0.19	ng	# 43
25) Isophorone	7.41	82	1270023	31.53	ng	# 69
31) Naphthalene	8.16	128	3565	0.07	ng	97
33) 4-Chloroaniline	8.16	127	376	0.02	ng	# 35
45) 1,1'-Biphenyl	9.21	154	3816	0.09	ng	# 1
47) 2-Nitroaniline	9.61	65	7540	0.65	ng	# 1
49) Dimethylphthalate	9.61	163	738941	19.17	ng	98
50) 2,6-Dinitrotoluene	9.61	165	7381	0.90	ng	# 24
51) Acenaphthene	9.88	154	1522	0.05	ng	# 4
54) Dibenzofuran	10.09	168	265	0.01	ng	# 38
56) 2,4-Dinitrotoluene	9.88	165	59136	5.30	ng	# 16
57) Fluorene	10.67	166	20181	0.59	ng	# 87
59) Diethylphthalate	10.30	149	5274	0.14	ng	# 86
62) Azobenzene	10.59	77	708	0.02	ng	# 15
64) 4,6-Dinitro-2-methylphenol	10.67	198	872	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	488	0.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	29727	2.65	ng	# 1
70) Phenanthrene	11.39	178	1055	0.02	ng	# 63
71) Anthracene	11.39	178	1055	0.02	ng	# 63
73) Di-n-butylphthalate	11.94	149	7631	0.12	ng	# 89
74) Fluoranthene	12.58	202	259	0.00	ng	63

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

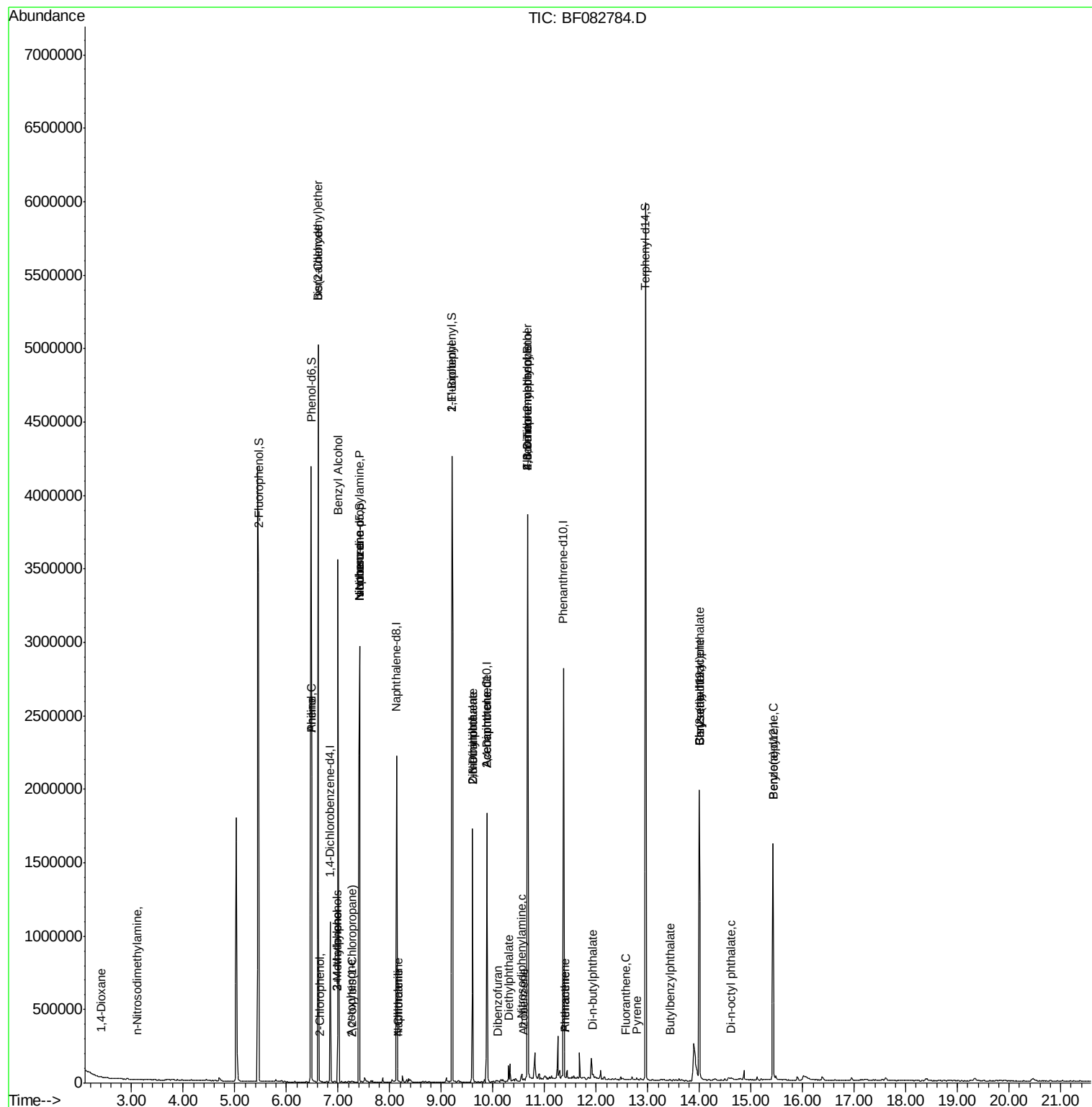
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.80	202	253	0.00	ng	# 55
79) Butylbenzylphthalate	13.44	149	215	0.01	ng	# 52
80) Benzo(a)anthracene	14.00	228	2165	0.04	ng	# 76
82) Chrysene	14.00	228	2165	0.04	ng	# 74
83) Bis(2-ethylhexyl)phthalate	14.00	149	7822	0.22	ng	# 93
84) Di-n-octyl phthalate	14.61	149	490	0.01	ng	# 1
89) Benzo(a)pyrene	15.43	252	2186	0.05	ng	# 68

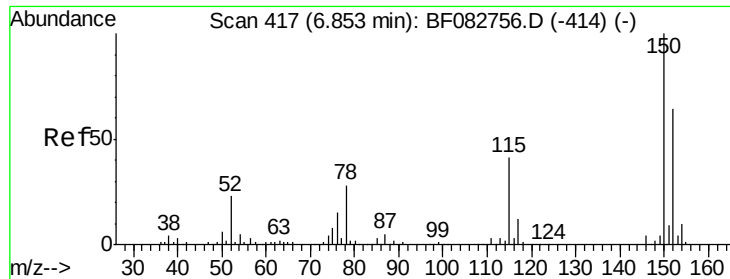
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

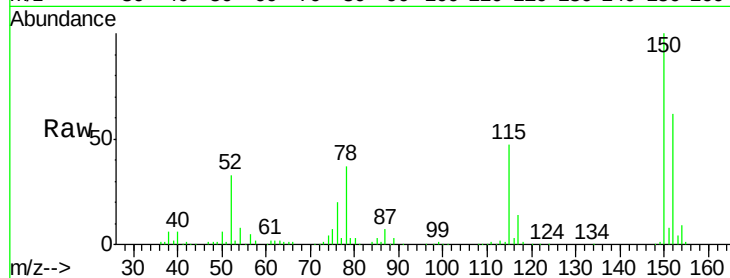
Tgt Ion:152 Resp: 209525

Ion Ratio Lower Upper

152 100

150 161.6 127.0 190.4

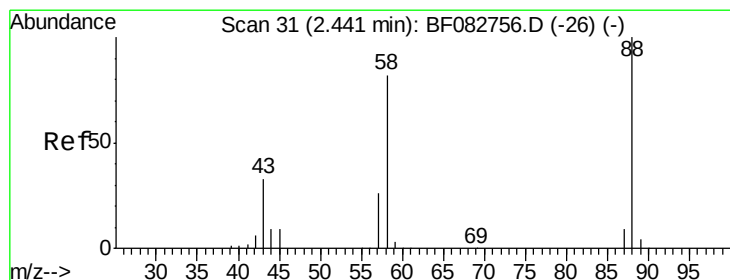
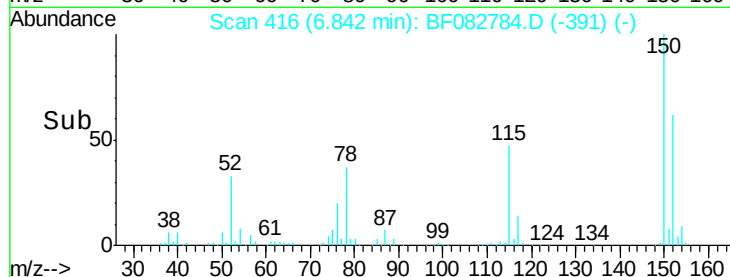
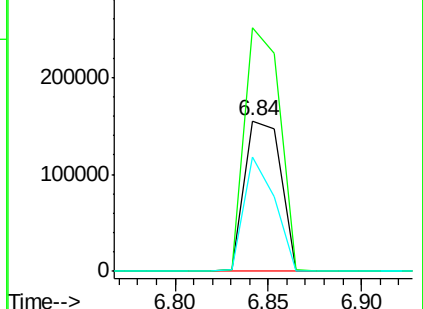
115 76.0 47.0 70.6#



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: 2.41 min Scan# 28

Delta R.T. -0.03 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

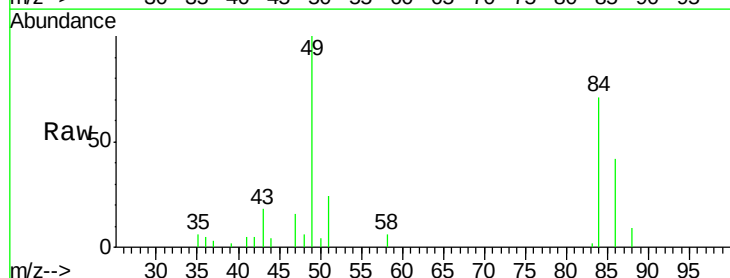
Tgt Ion: 88 Resp: 360

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

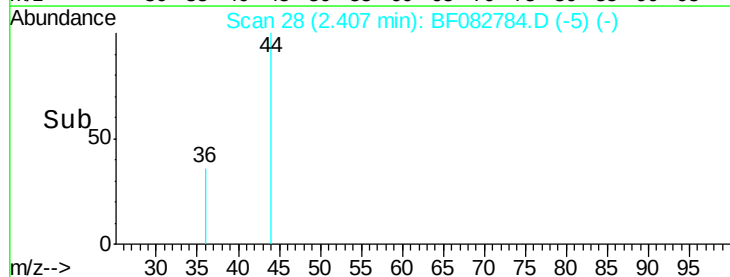
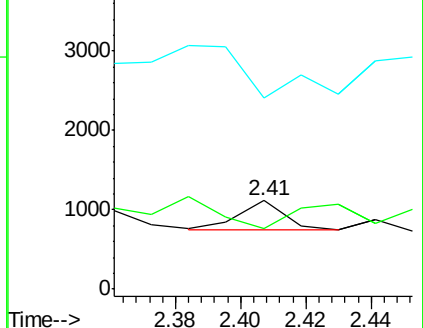
43 0.0 26.6 40.0#

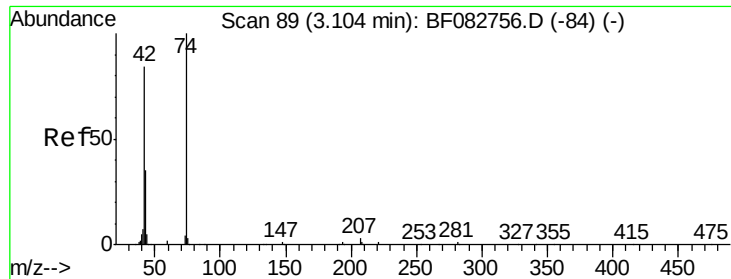


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

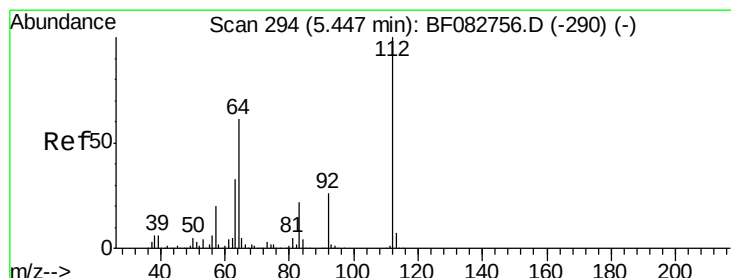
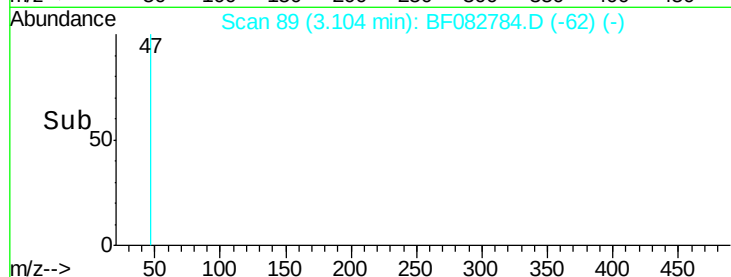
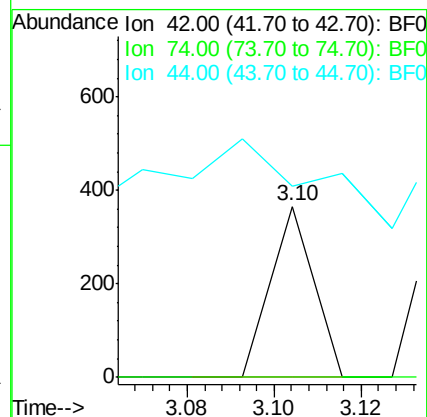
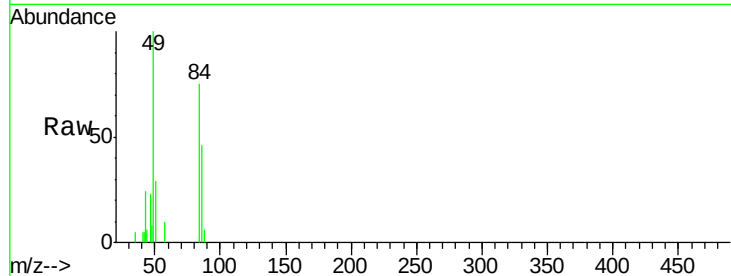
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 111.5 5.8 8.8#



#5

2-Fluorophenol

Concen: 122.35 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

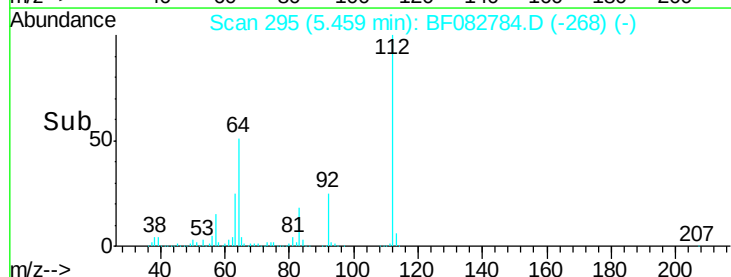
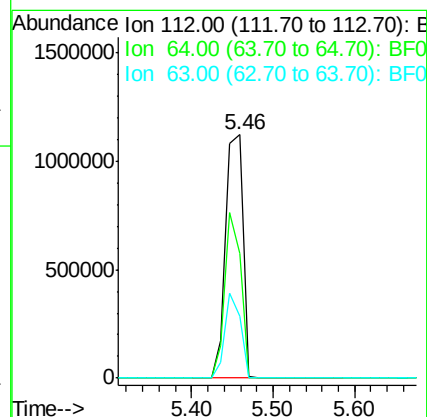
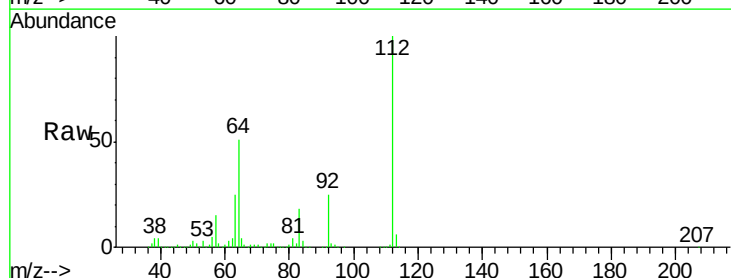
Tgt Ion: 112 Resp: 1647557

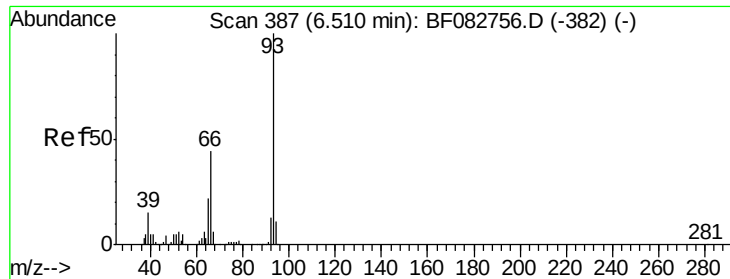
Ion Ratio Lower Upper

112 100

64 51.0 48.9 73.3

63 25.3 28.1 42.1#





#6

Aniline

Concen: 0.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

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ClientSampleId :

COFF-WP11-5(0-2)

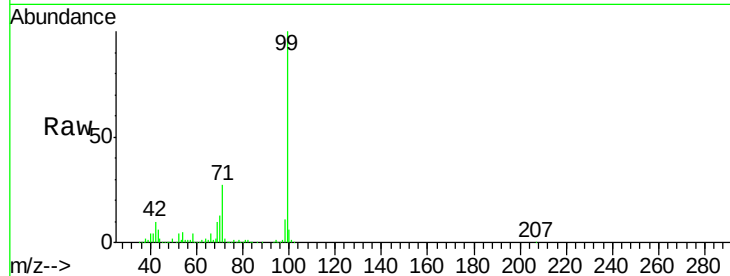
Tgt Ion: 93 Resp: 275

Ion Ratio Lower Upper

93 100

66 9195.0 33.6 50.4#

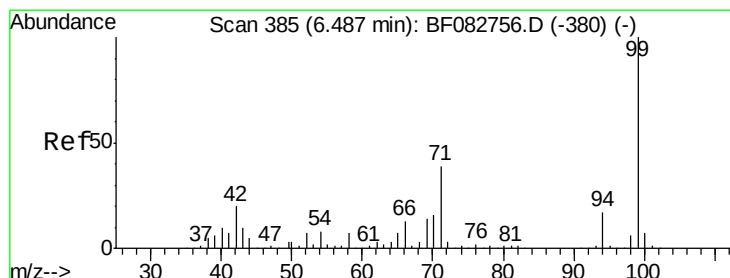
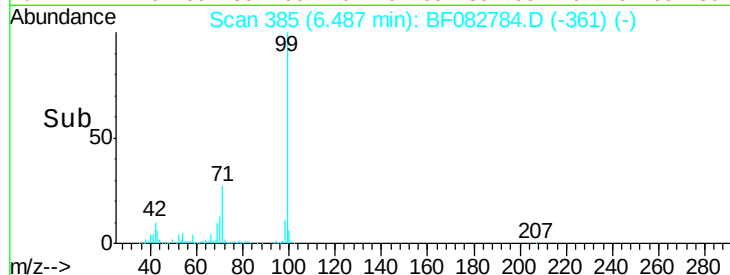
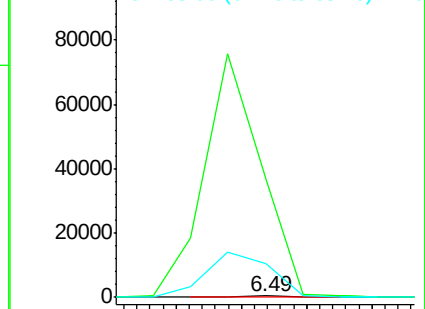
65 2599.5 18.1 27.1#



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: 104.11 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

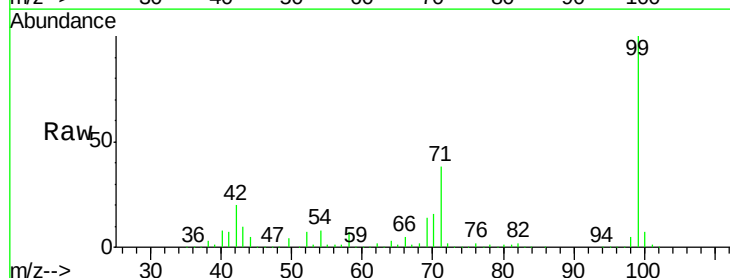
Tgt Ion: 99 Resp: 1863780

Ion Ratio Lower Upper

99 100

42 20.3 19.2 28.8

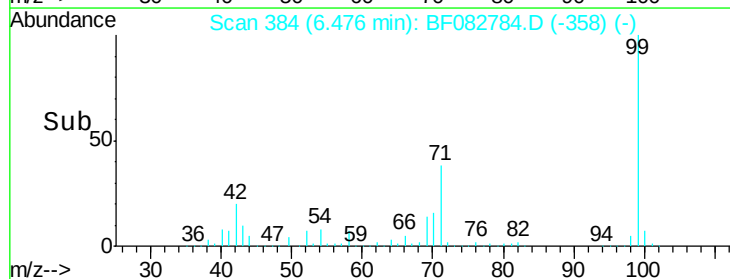
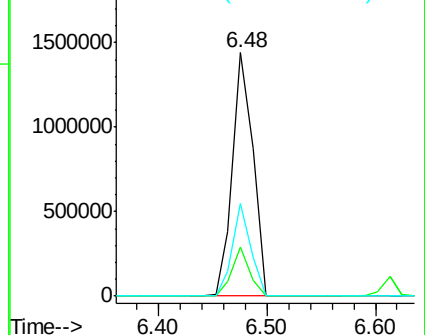
71 37.9 35.0 52.4

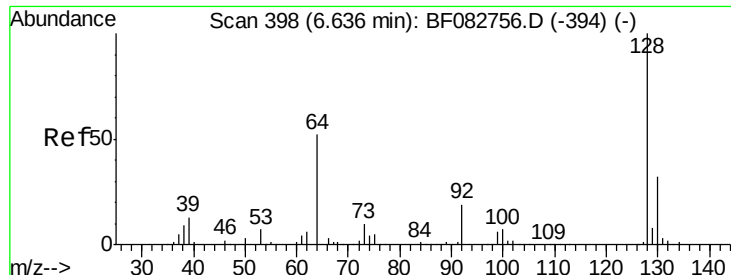


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

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COFF-WP11-5(0-2)

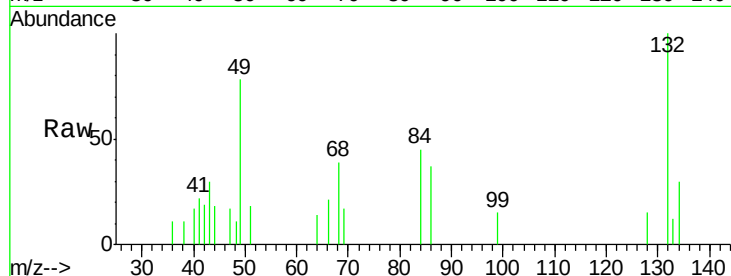
Tgt Ion: 128 Resp: 560

Ion Ratio Lower Upper

128 100

130 0.0 13.5 53.5#

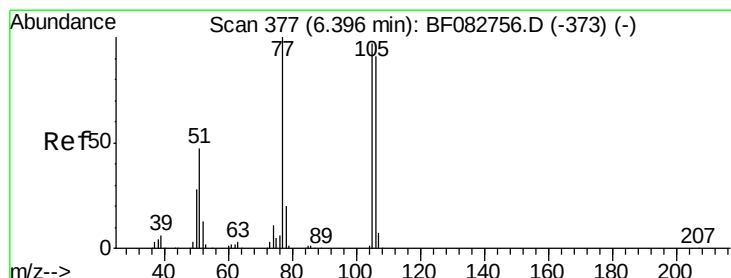
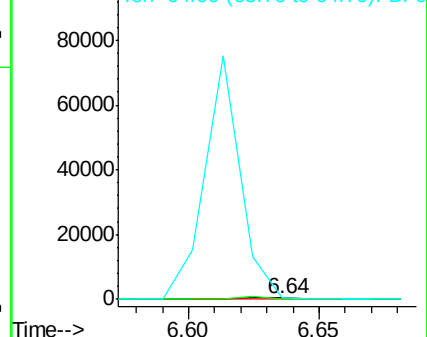
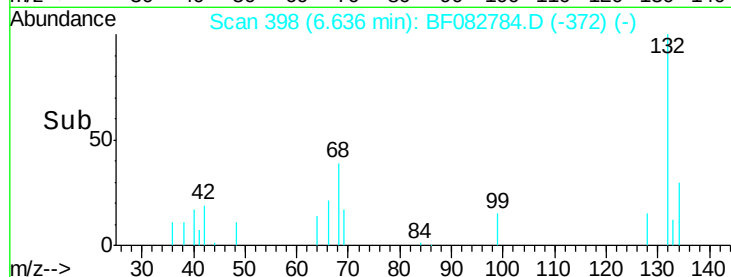
64 91.8 21.1 61.1#



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: 3.57 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

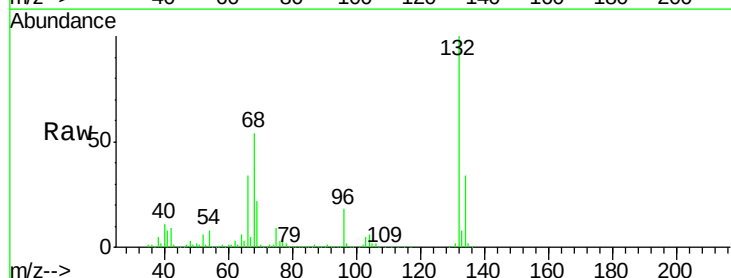
Tgt Ion: 77 Resp: 35286

Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

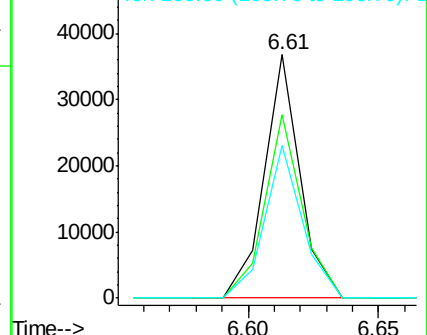
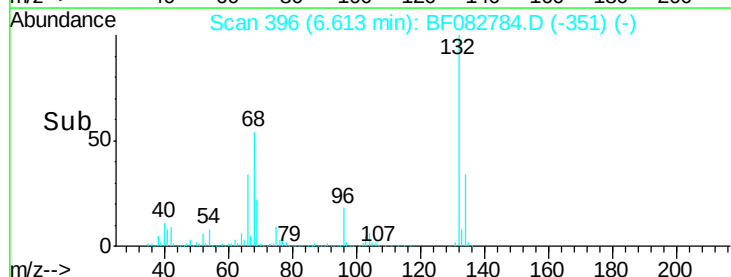
106 62.7 59.3 99.3

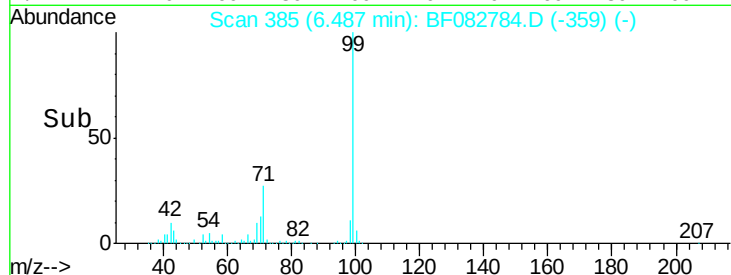
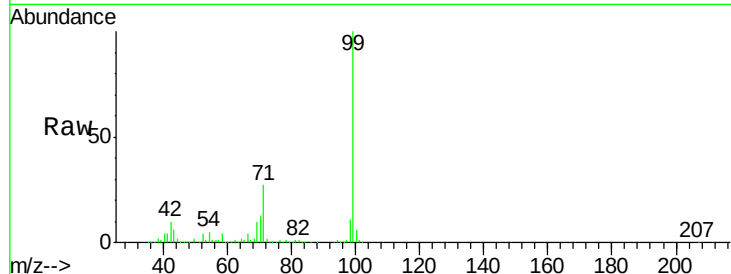
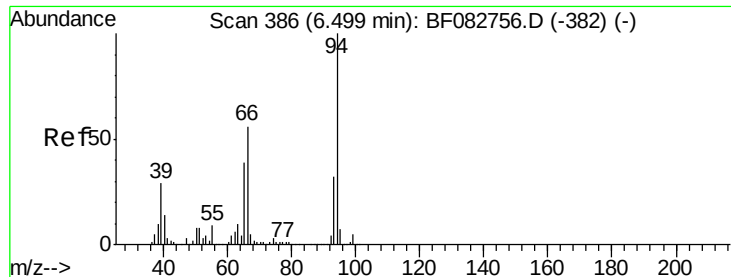


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.48 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

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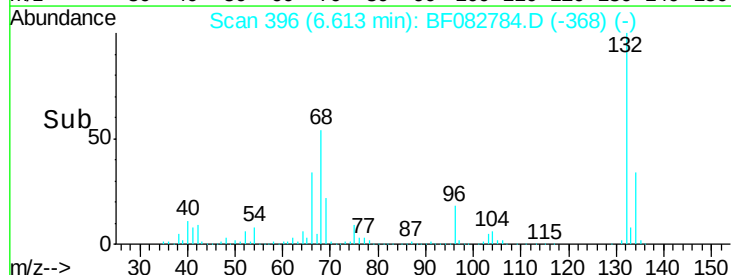
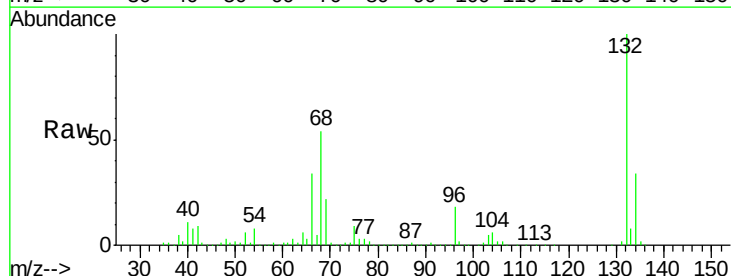
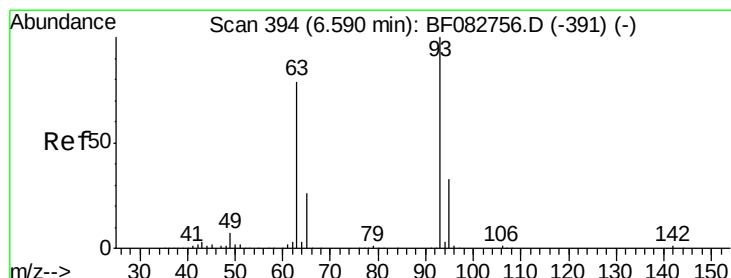
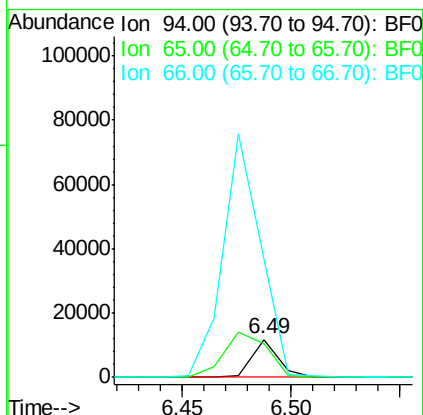
Tgt Ion: 94 Resp: 9831

Ion Ratio Lower Upper

94 100

65 88.4 18.9 58.9#

66 312.6 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

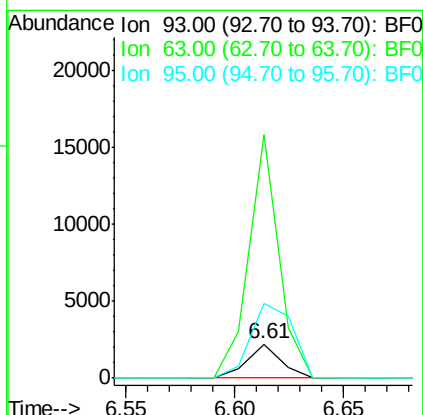
Tgt Ion: 93 Resp: 2415

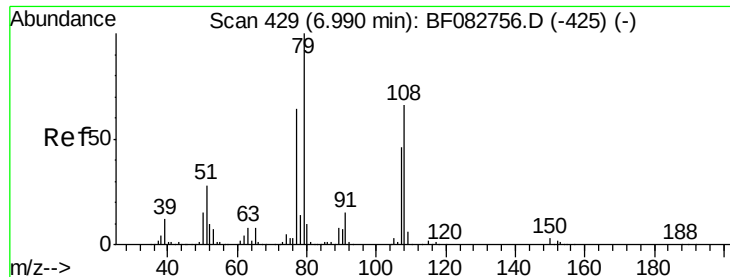
Ion Ratio Lower Upper

93 100

63 710.5 72.7 112.7#

95 219.3 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.26 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

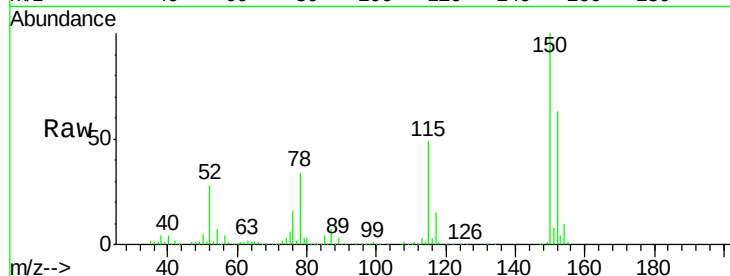
Tgt Ion: 79 Resp: 19814

Ion Ratio Lower Upper

79 100

108 21.5 52.2 78.4#

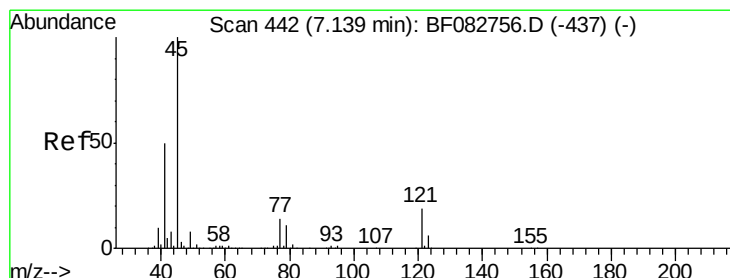
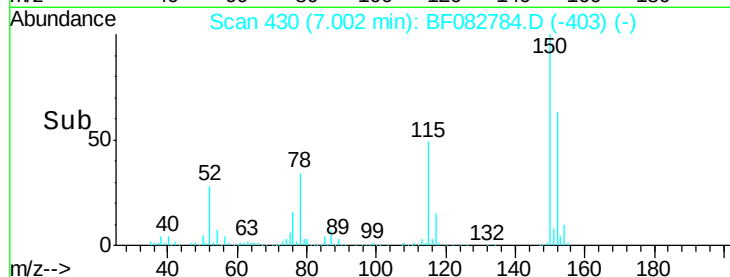
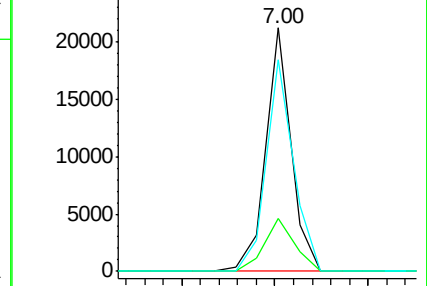
77 87.0 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

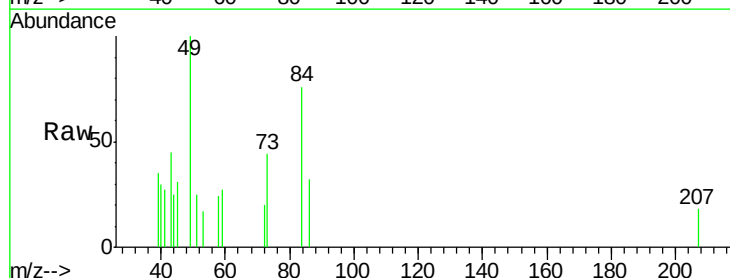
Tgt Ion: 45 Resp: 728

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.6

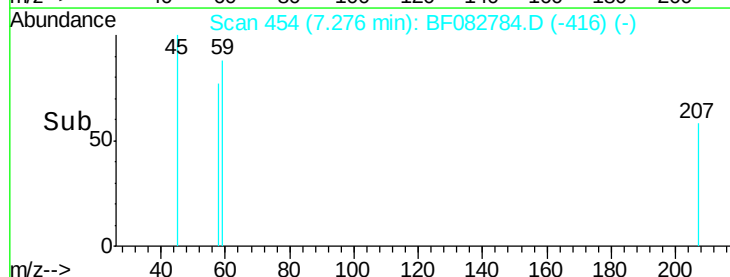
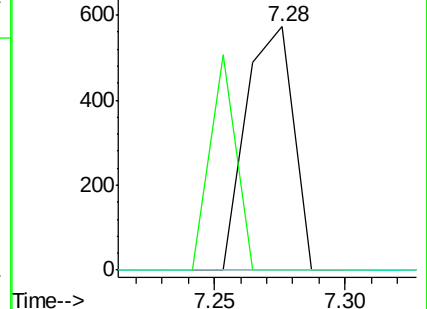
79 0.0 0.0 29.2

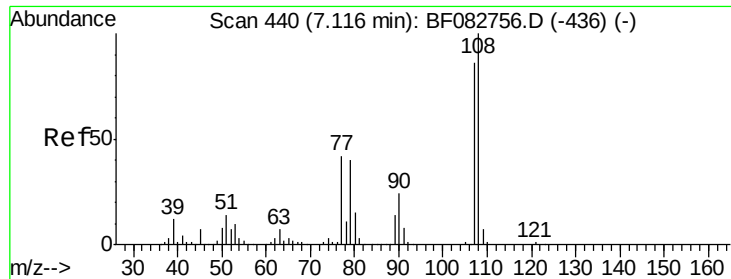


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

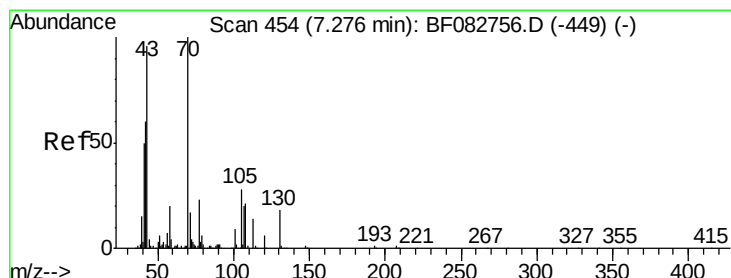
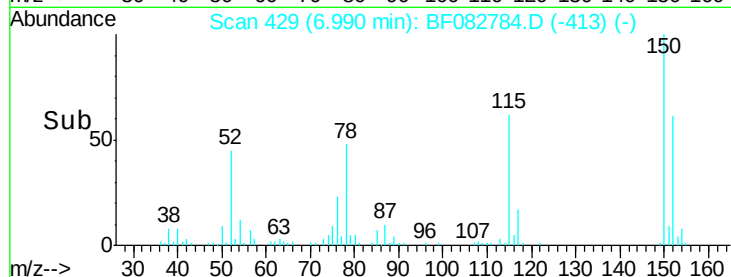
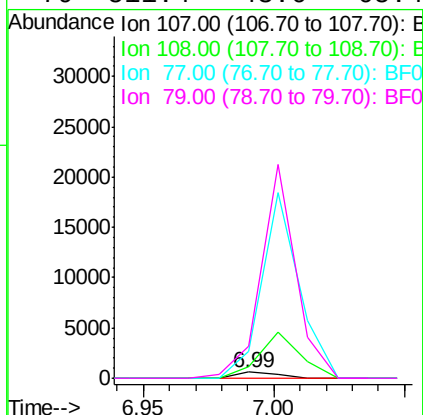
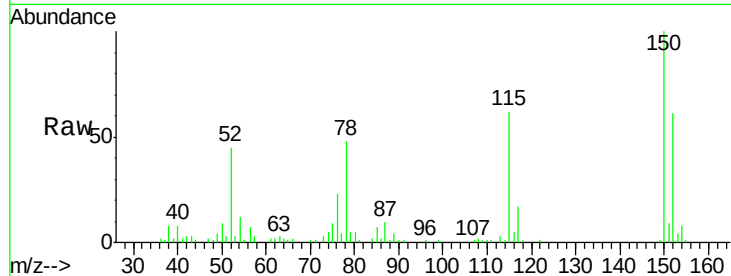




#17
2-Methylphenol
Concen: 0.06 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.11 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

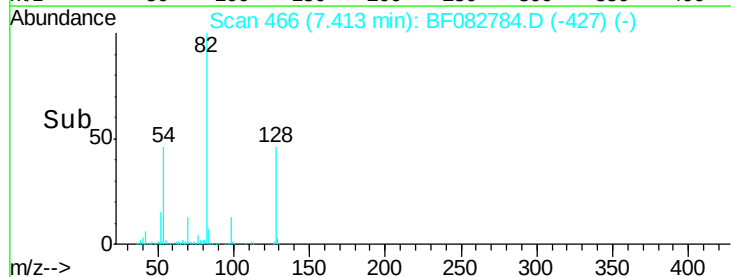
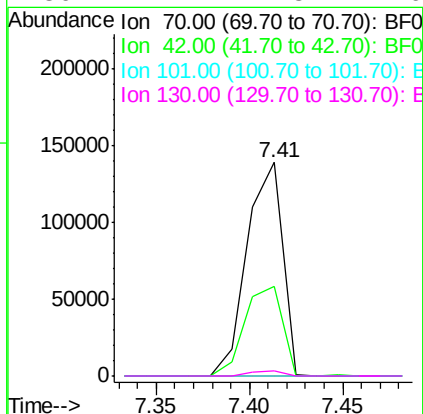
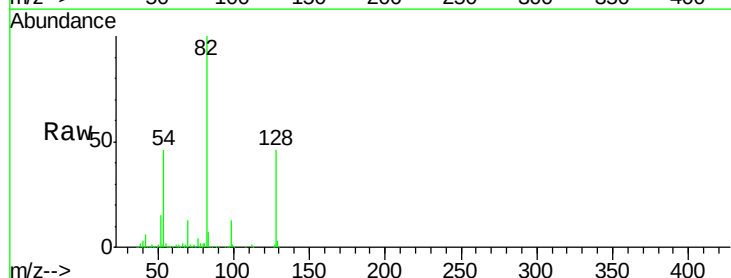
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

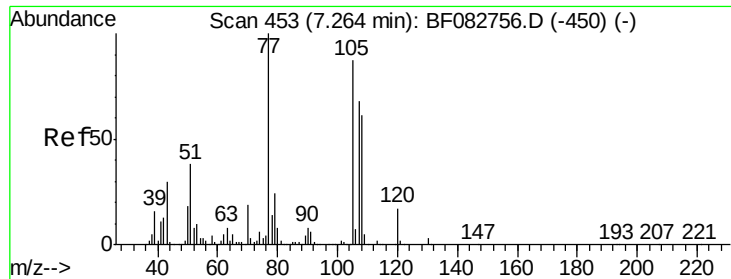
Tgt Ion:107 Resp: 728
Ion Ratio Lower Upper
107 100
108 188.7 93.0 139.4#
77 428.8 44.1 66.1#
79 511.4 43.6 65.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.93 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion: 70 Resp: 183310
Ion Ratio Lower Upper
70 100
42 41.7 57.7 86.5#
101 0.0 7.0 10.6#
130 2.2 11.8 17.6#

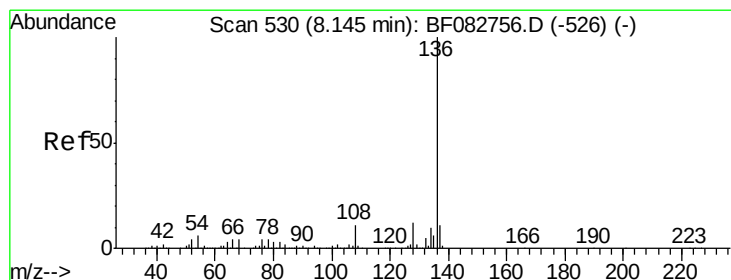
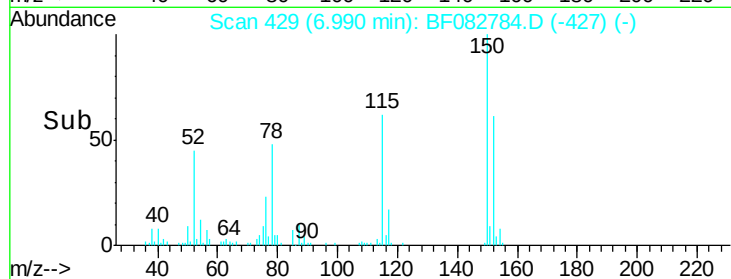
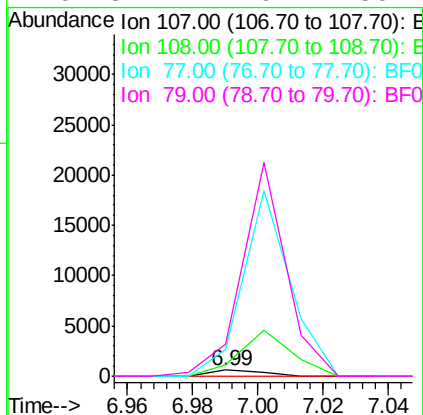
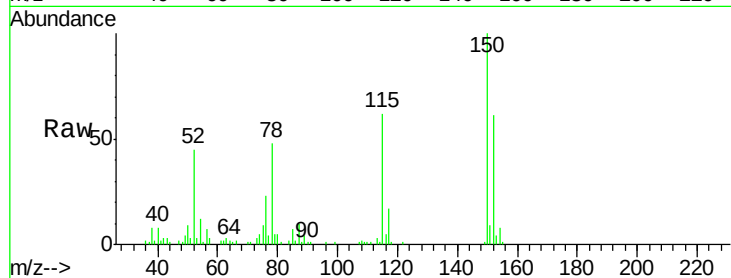




#20
3+4-Methylphenols
Concen: 0.04 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.27 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

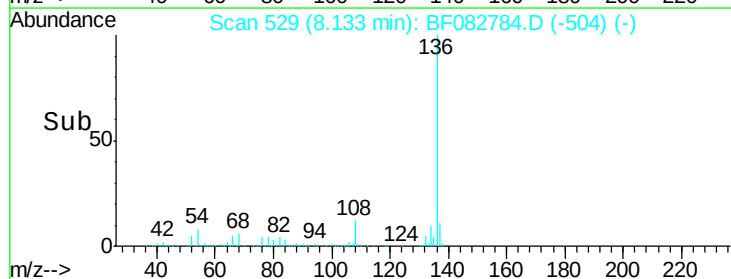
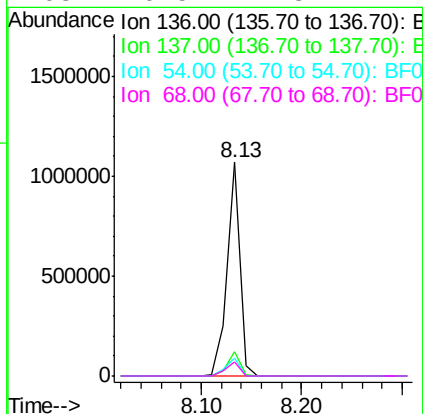
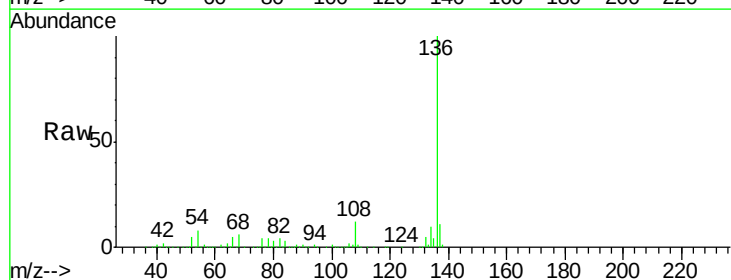
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

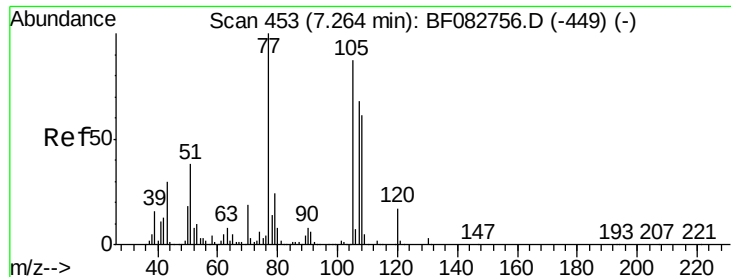
Tgt Ion:107 Resp: 728
Ion Ratio Lower Upper
107 100
108 188.7 67.3 107.3#
77 428.8 100.3 140.3#
79 511.4 16.2 56.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:136 Resp: 947103
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.5 9.1 13.7#
68 6.5 4.8 7.2





#22

Acetophenone

Concen: 0.03 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

Tgt Ion:105 Resp: 757

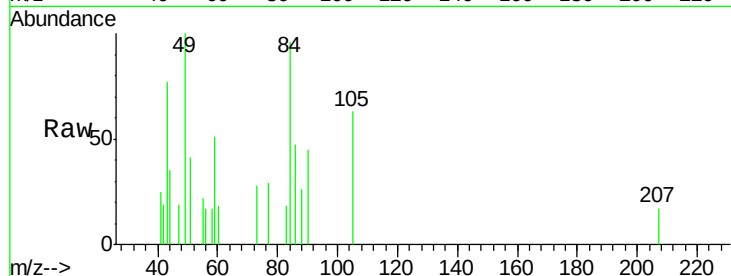
Ion Ratio Lower Upper

105 100

71 0.0 5.6 8.4#

51 64.8 24.9 37.3#

120 0.0 15.8 23.8#

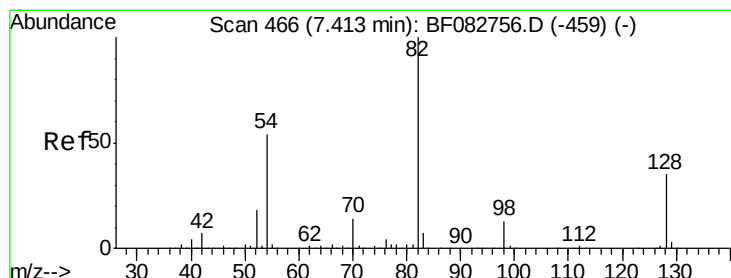
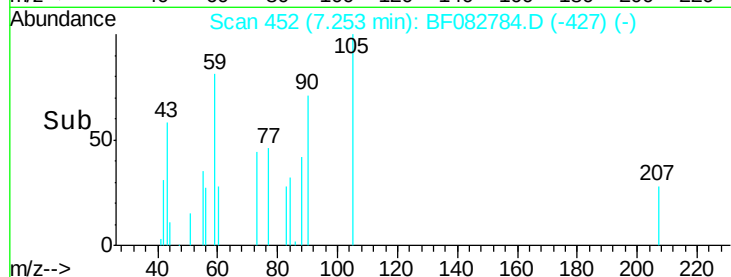
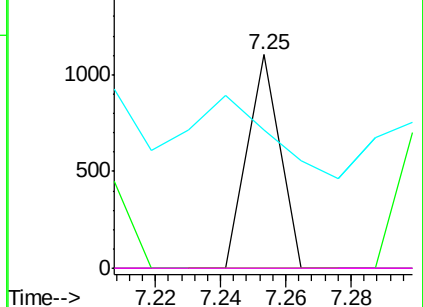


Abundance Ion 105.00 (104.70 to 105.70): E

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: 62.56 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

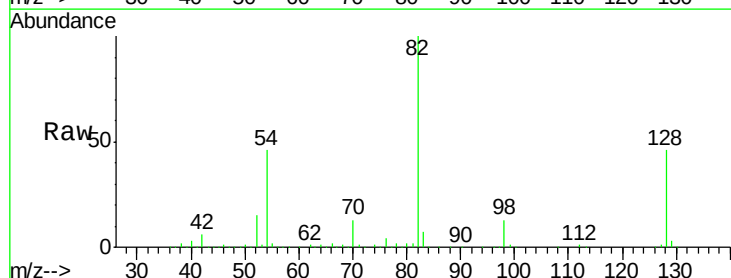
Tgt Ion: 82 Resp: 1361727

Ion Ratio Lower Upper

82 100

128 45.8 26.8 40.2#

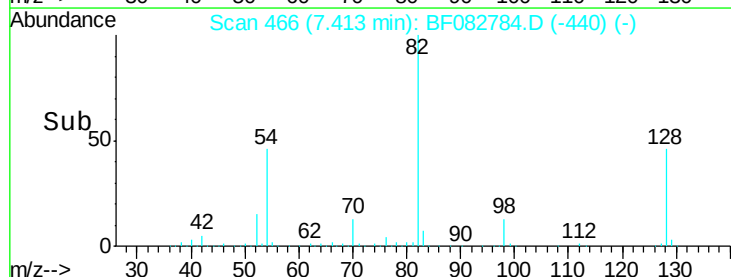
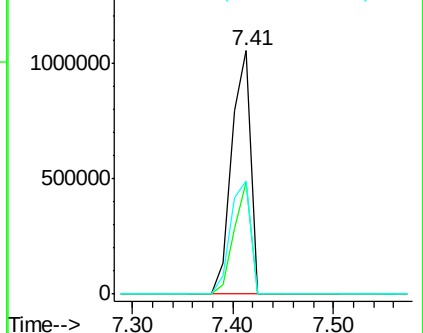
54 46.4 45.7 68.5

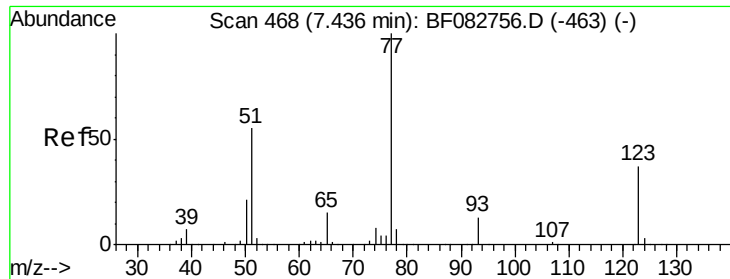


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.19 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

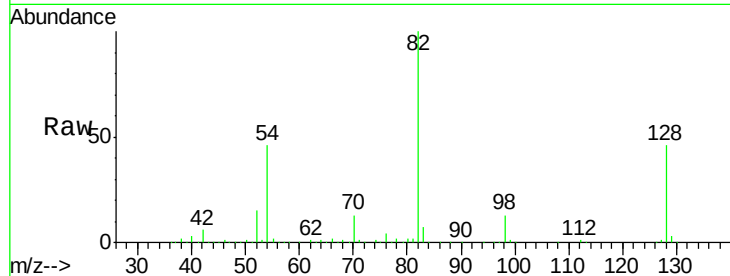
Tgt Ion: 77 Resp: 4334

Ion Ratio Lower Upper

77 100

123 0.0 36.4 54.6#

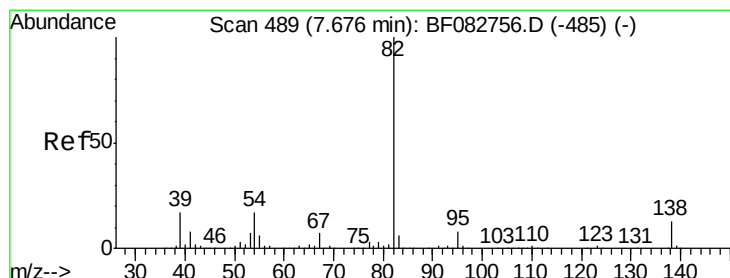
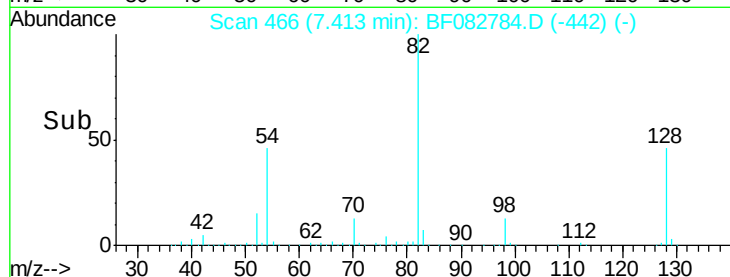
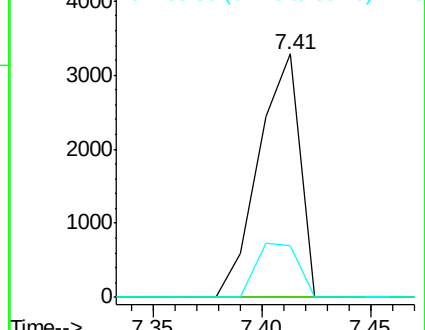
65 21.2 11.5 17.3#



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: 31.53 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

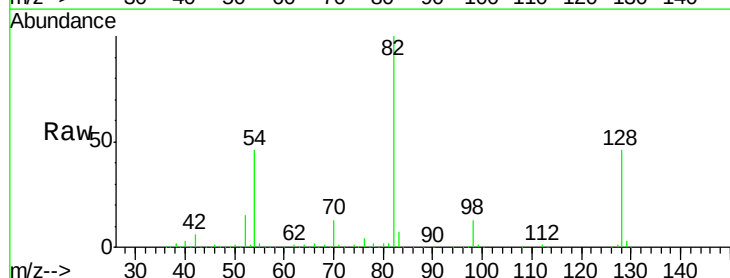
Tgt Ion: 82 Resp: 1270023

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

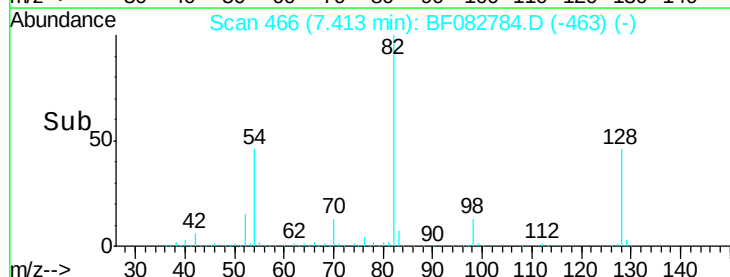
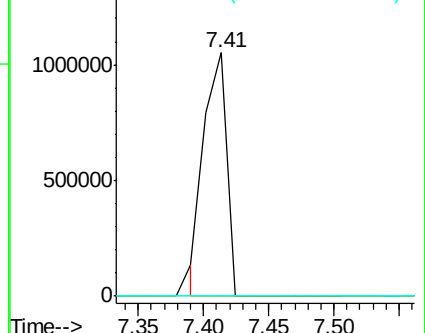
138 0.0 11.4 17.0#

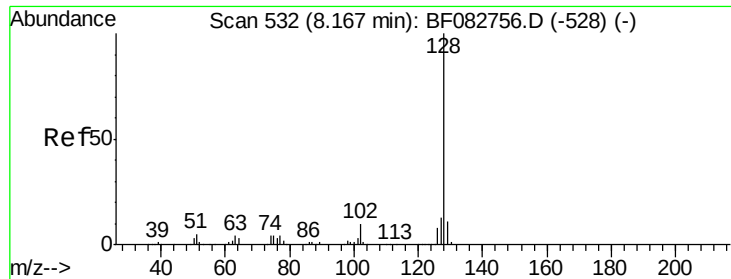


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

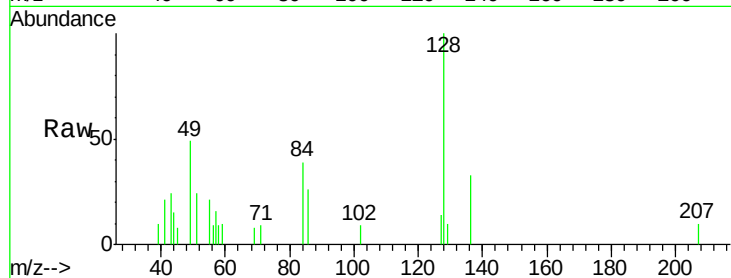




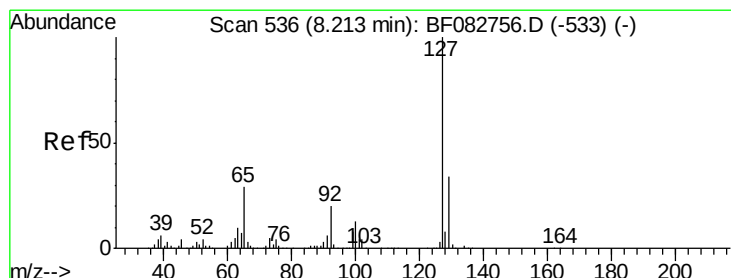
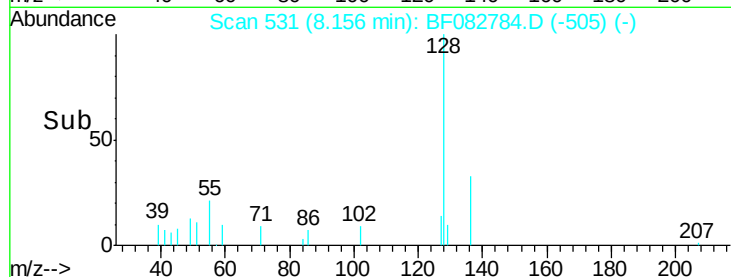
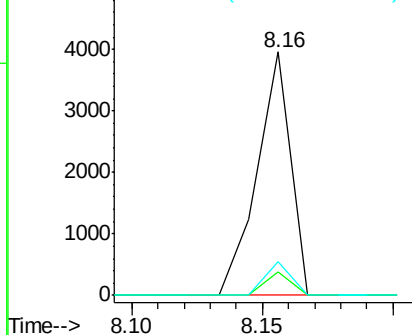
#31
Naphthalene
Concen: 0.07 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

Tgt Ion:128 Resp: 3565
Ion Ratio Lower Upper
128 100
129 9.8 9.5 14.3
127 13.8 11.4 17.0

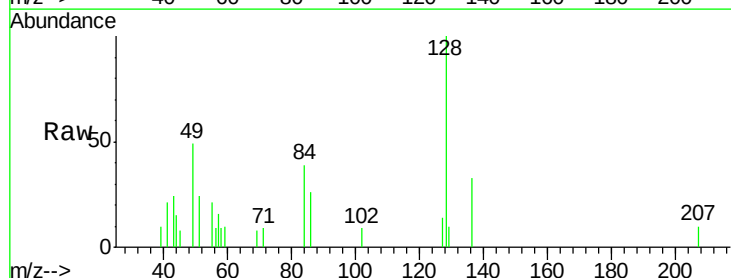


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

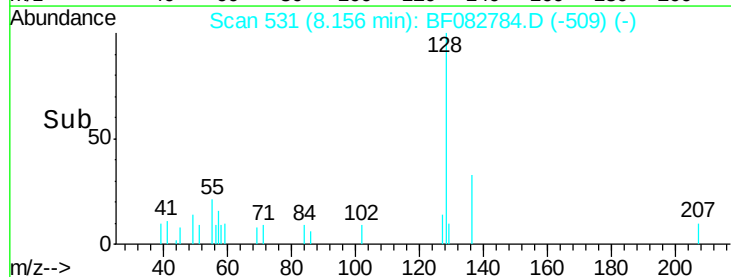
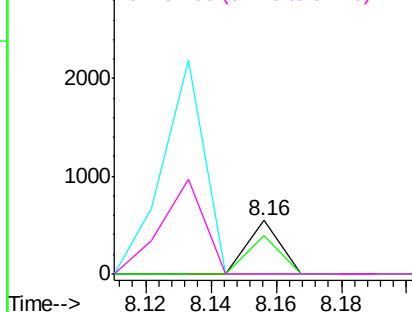


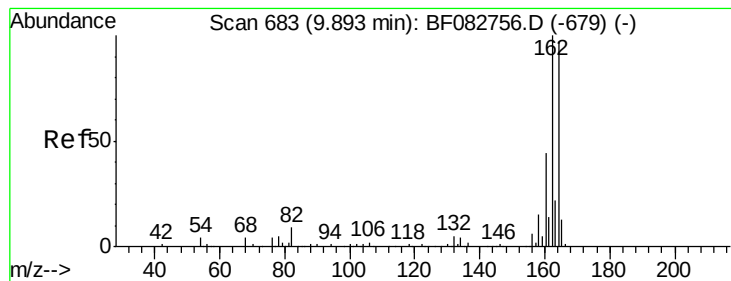
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:127 Resp: 376
Ion Ratio Lower Upper
127 100
129 70.8 26.3 39.5#
65 0.0 37.8 56.8#
92 0.0 20.6 31.0#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

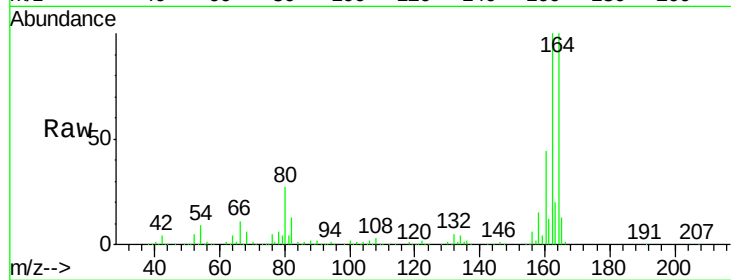
Tgt Ion:164 Resp: 470494

Ion Ratio Lower Upper

164 100

162 100.2 84.9 127.3

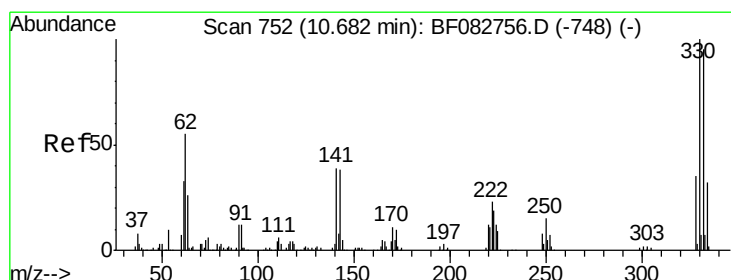
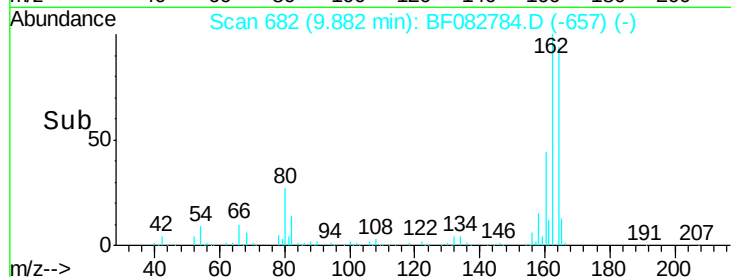
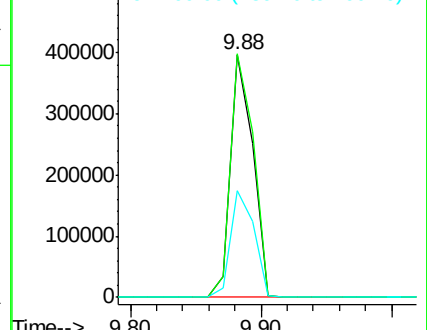
160 43.7 37.5 56.3



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: 84.41 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

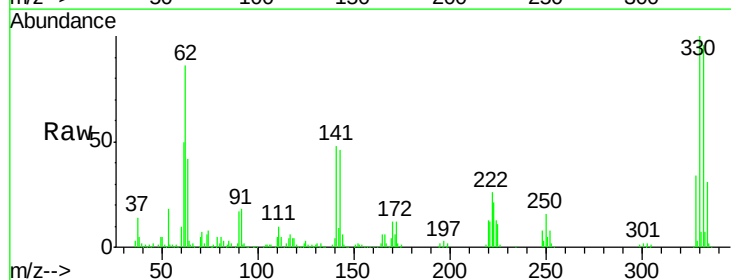
Tgt Ion:330 Resp: 455374

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

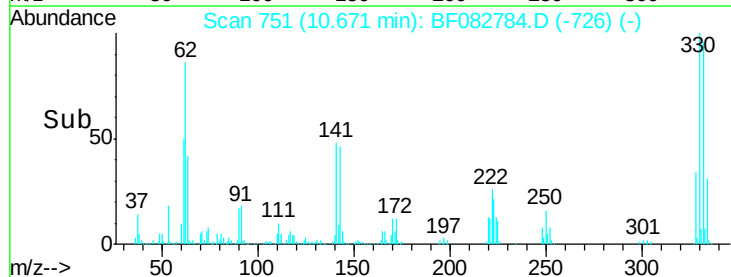
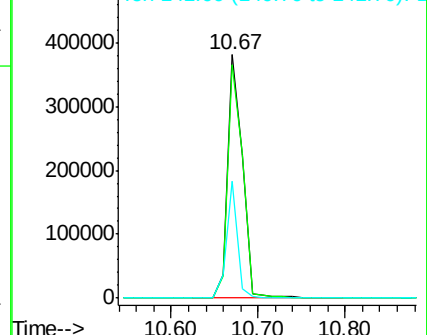
141 37.1 41.2 61.8#

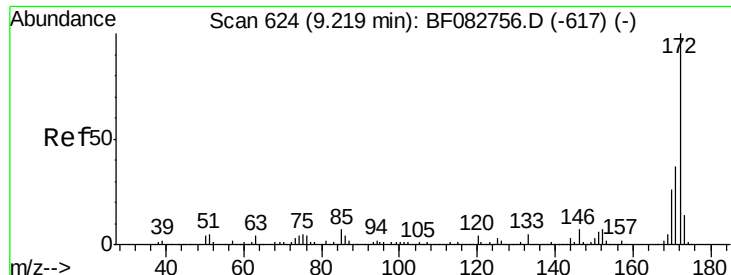


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

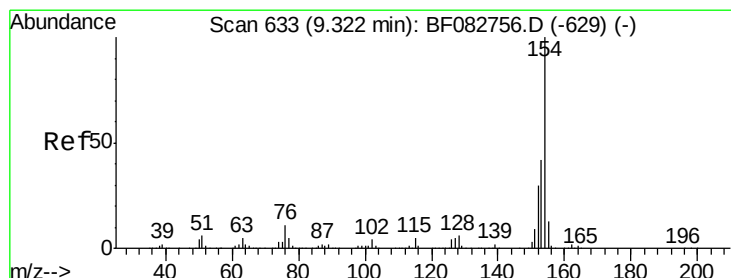
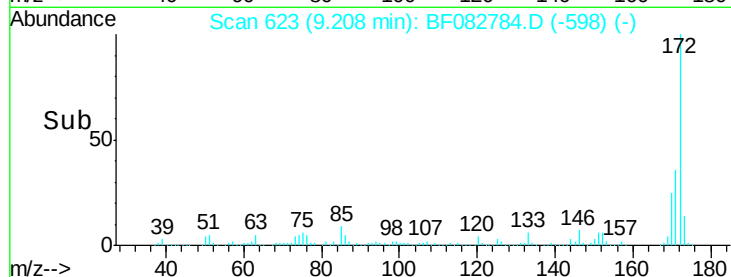
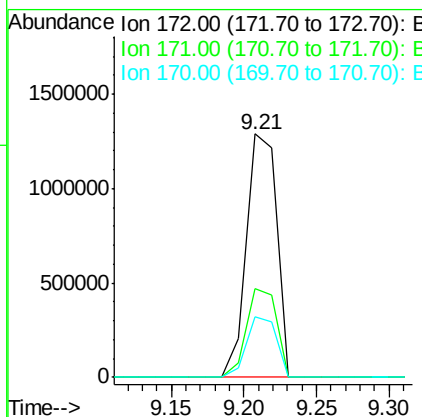
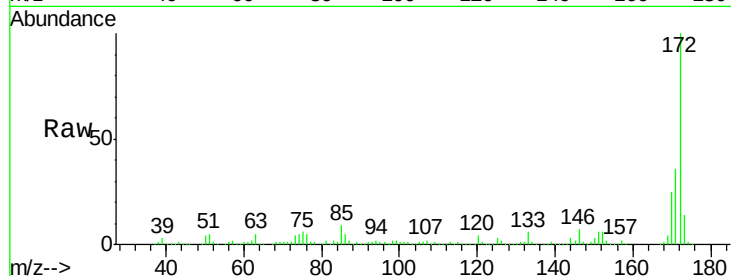




#44
2-Fluorobiphenyl
Concen: 56.92 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

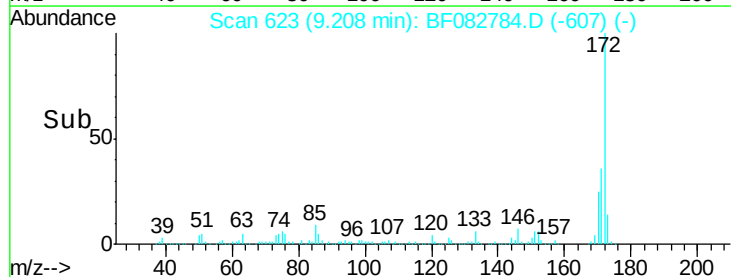
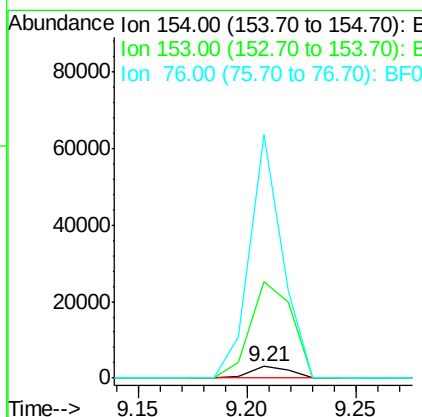
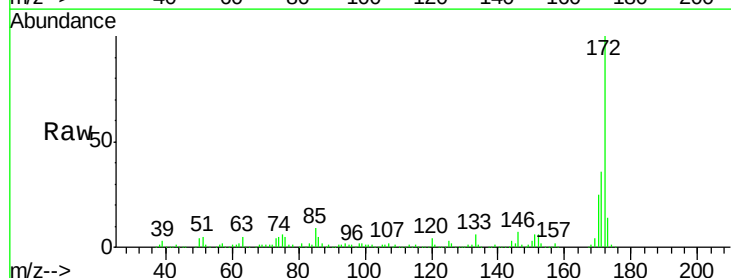
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

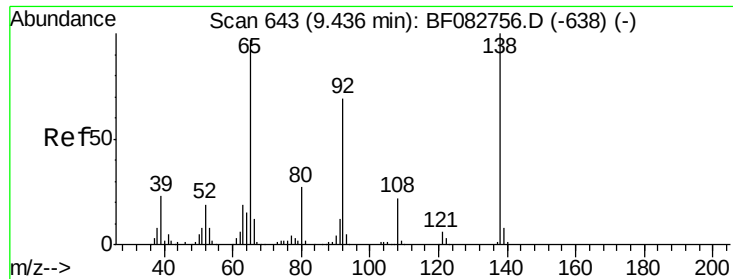
Tgt Ion:172 Resp: 1868609
Ion Ratio Lower Upper
172 100
171 36.4 30.8 46.2
170 25.0 21.2 31.8



#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.11 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:154 Resp: 3816
Ion Ratio Lower Upper
154 100
153 833.2 22.0 62.0#
76 2113.5 0.0 29.0#

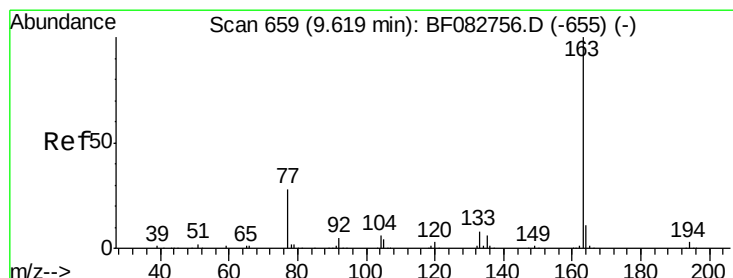
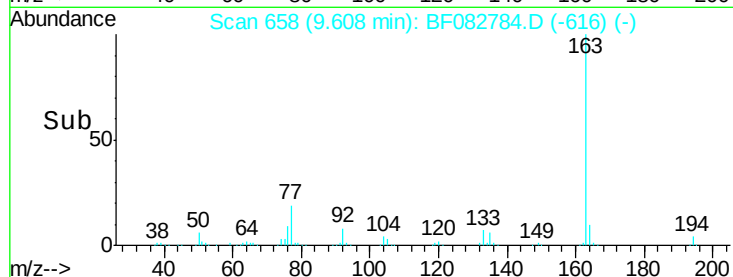
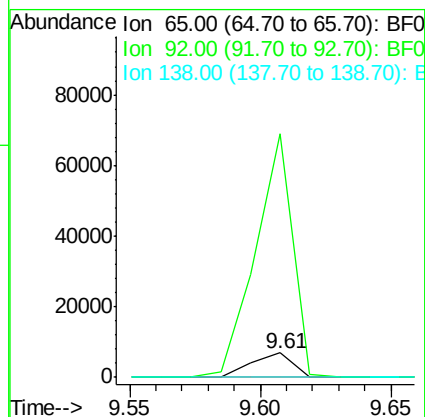
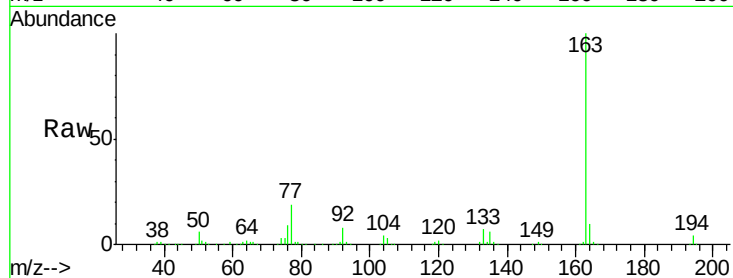




#47
2-Nitroaniline
Concen: 0.65 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.18 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

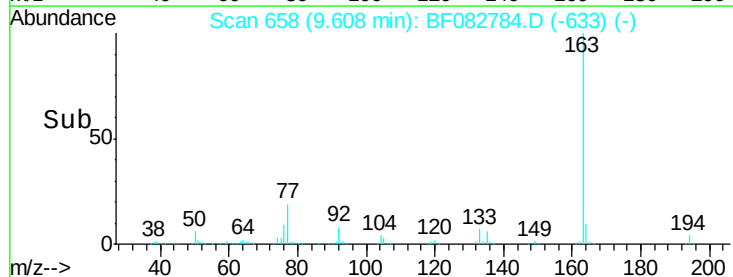
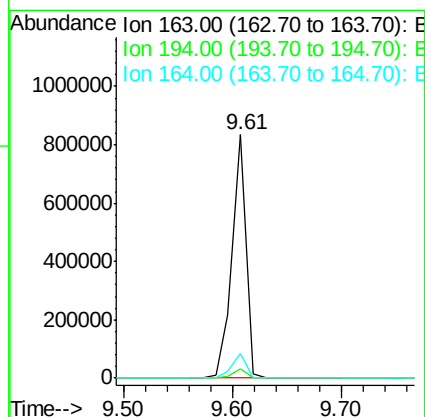
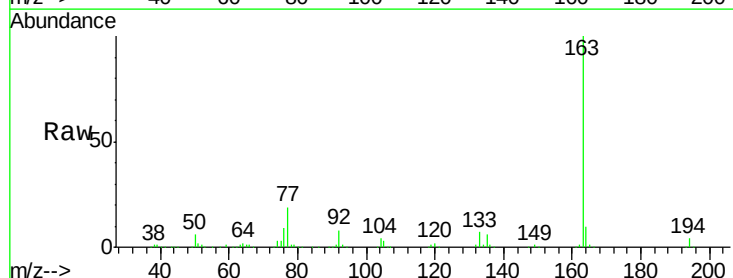
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

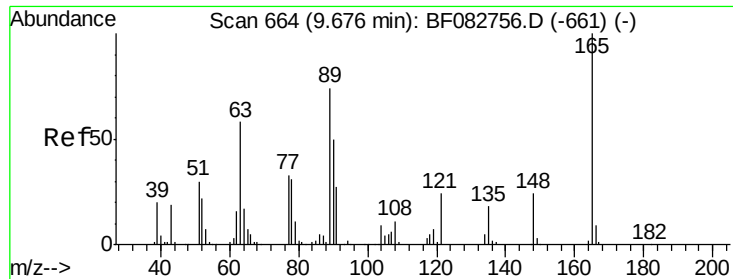
Tgt Ion: 65 Resp: 7540
Ion Ratio Lower Upper
65 100
92 986.6 46.6 70.0#
138 0.0 54.6 81.8#



#49
Dimethylphthalate
Concen: 19.17 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:163 Resp: 738941
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.0 8.7 13.1





#50

2,6-Dinitrotoluene

Concen: 0.90 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

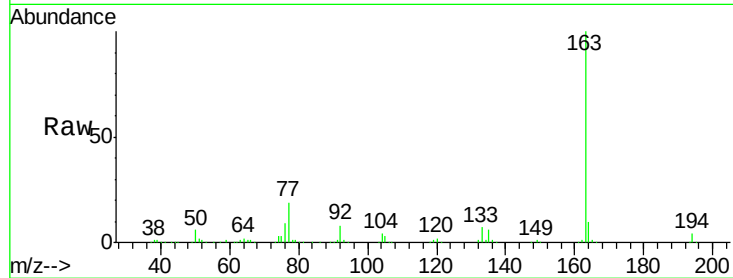
Tgt Ion:165 Resp: 7381

Ion Ratio Lower Upper

165 100

63 133.4 55.5 83.3#

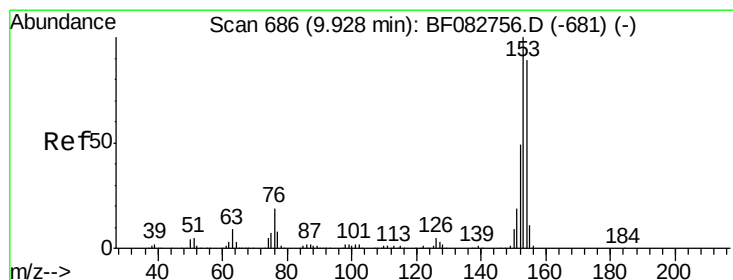
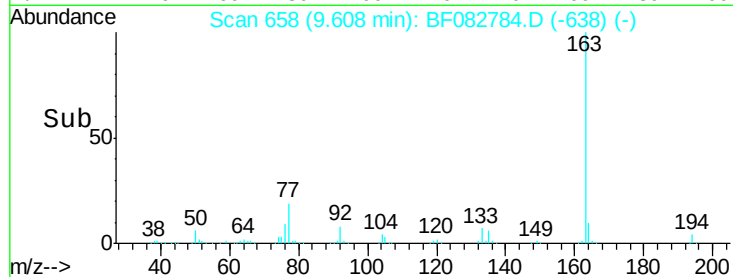
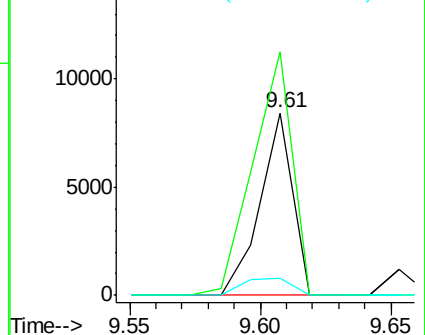
89 9.0 55.0 82.6#



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: 0.05 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

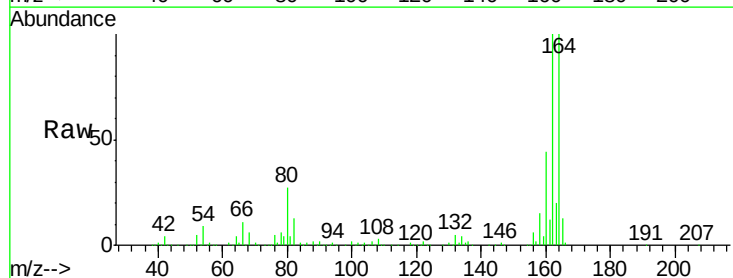
Tgt Ion:154 Resp: 1522

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

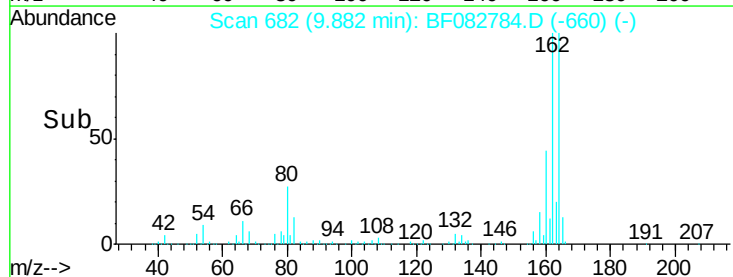
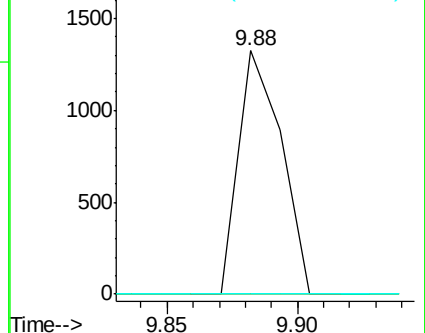
152 0.0 44.3 66.5#

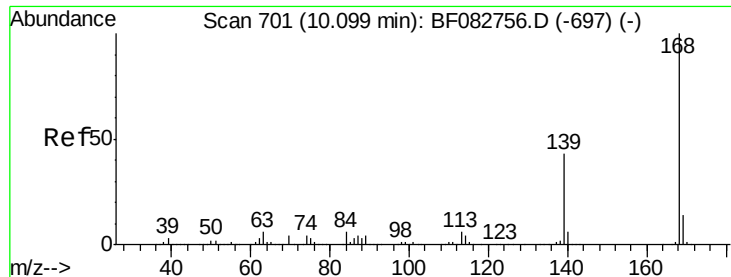


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

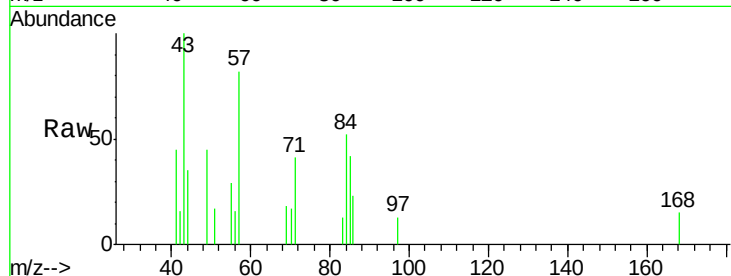
Tgt Ion:168 Resp: 265

Ion Ratio Lower Upper

168 100

139 0.0 37.8 56.6#

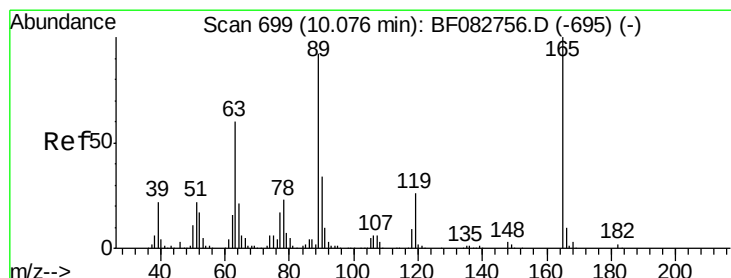
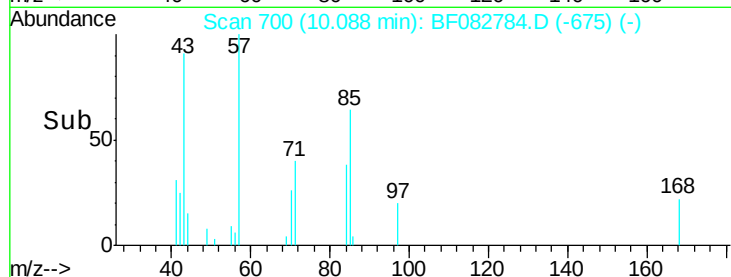
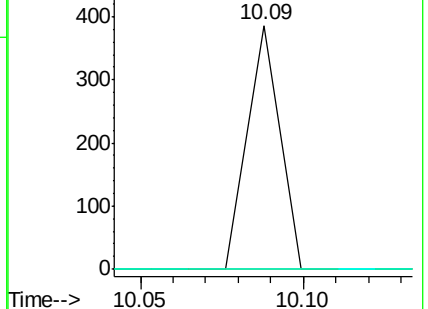
169 0.0 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 5.30 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Tgt Ion:165 Resp: 59136

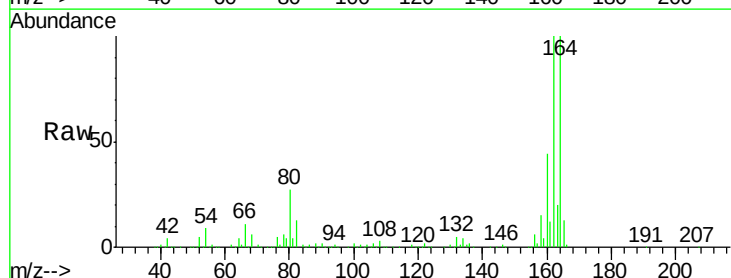
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

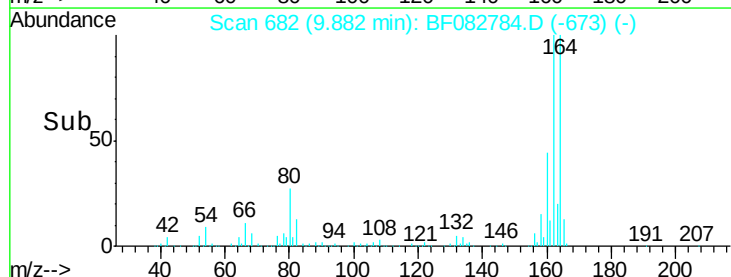
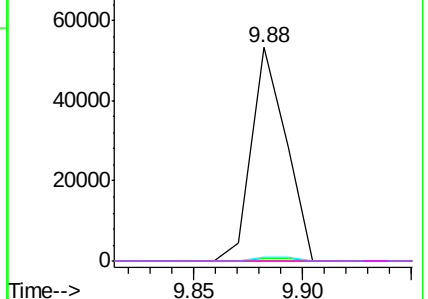


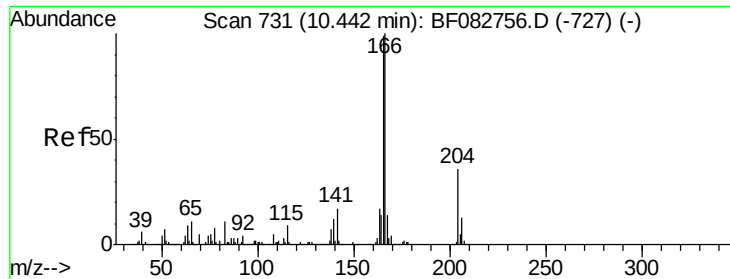
Abundance Ion 165.00 (164.70 to 165.70): E

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

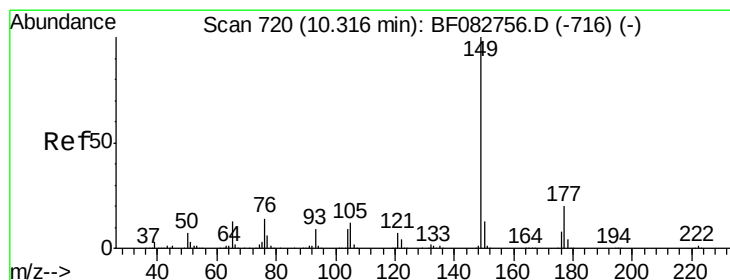
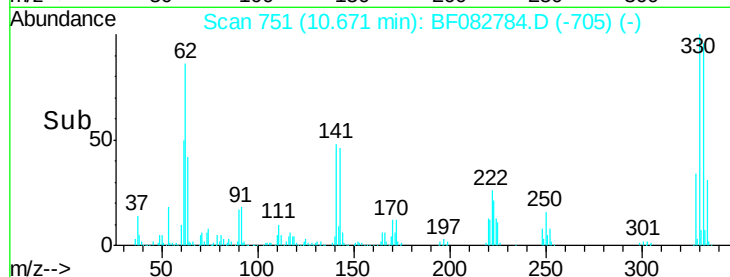
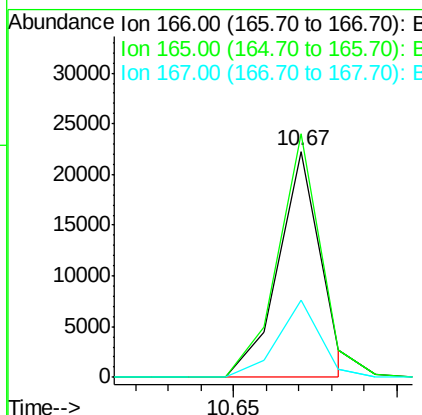
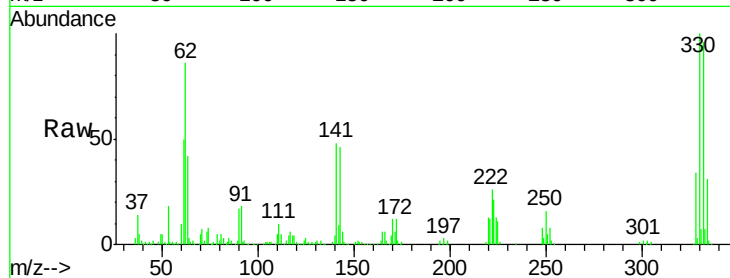




#57
 Fluorene
 Concen: 0.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.23 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

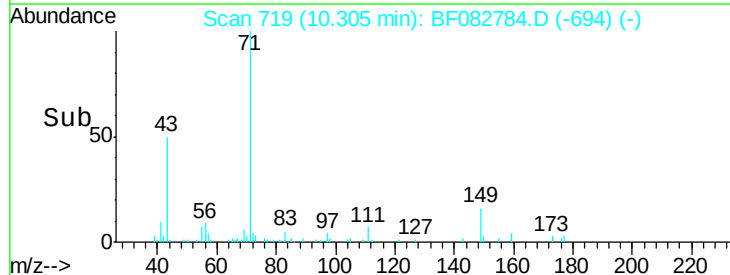
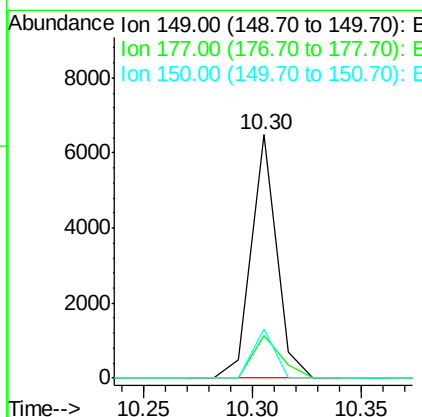
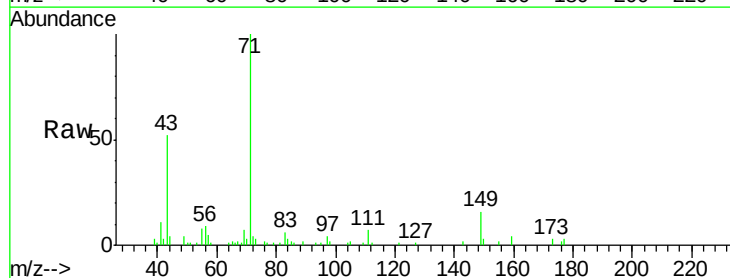
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-5(0-2)

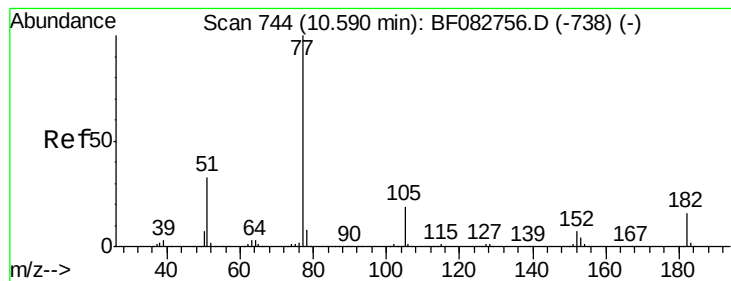
Tgt Ion:166 Resp: 20181
 Ion Ratio Lower Upper
 166 100
 165 107.6 80.2 120.4
 167 34.3 11.2 16.8#



#59
 Diethylphthalate
 Concen: 0.14 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

Tgt Ion:149 Resp: 5274
 Ion Ratio Lower Upper
 149 100
 177 17.4 17.9 26.9#
 150 20.2 10.1 15.1#





#62

Azobenzene

Concen: 0.02 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

Tgt Ion: 77 Resp: 708

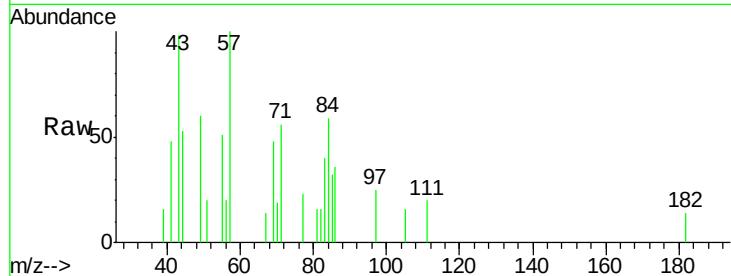
Ion Ratio Lower Upper

77 100

182 59.4 9.3 49.3#

105 68.3 2.6 42.6#

51 87.8 9.9 49.9#

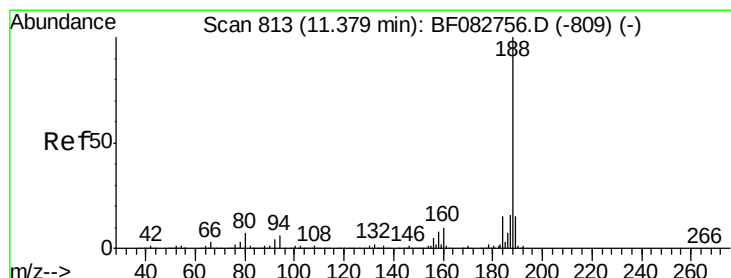
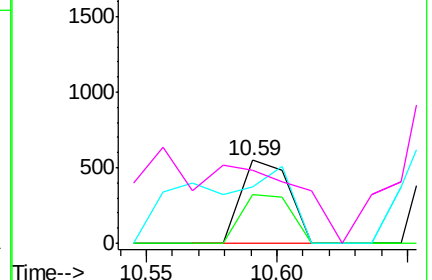
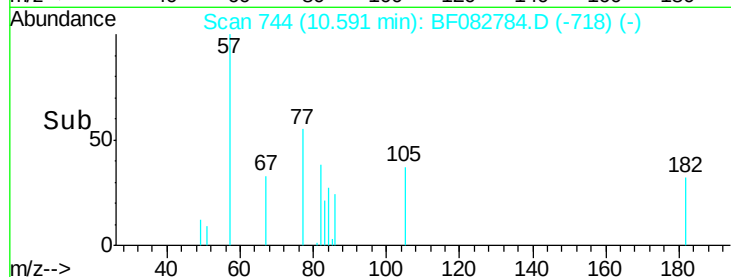


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082784.D

Acq: 7 Nov 2015 2:16

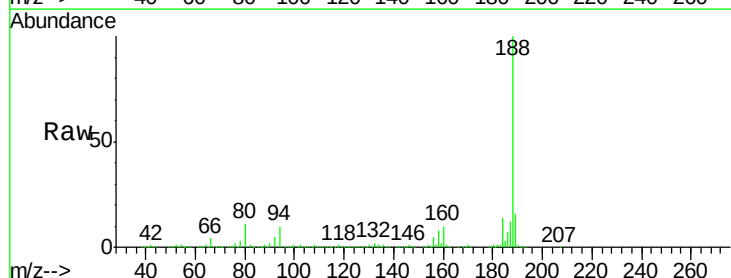
Tgt Ion: 188 Resp: 931744

Ion Ratio Lower Upper

188 100

94 9.8 6.1 9.1#

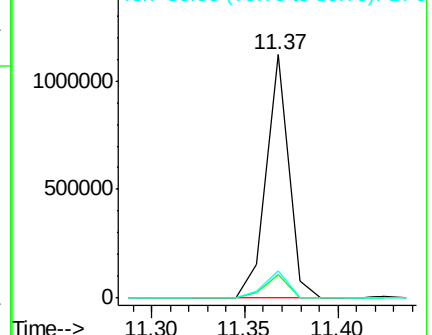
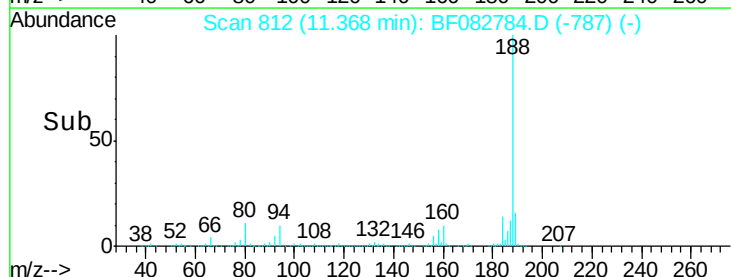
80 11.1 7.0 10.6#

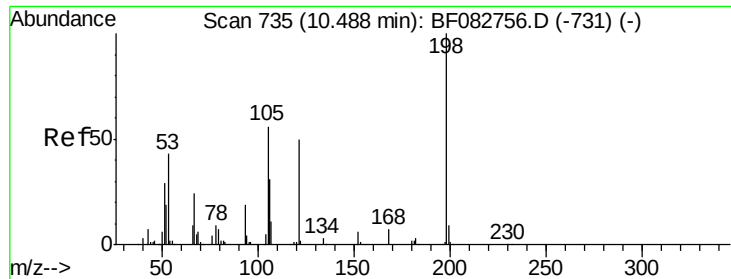


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

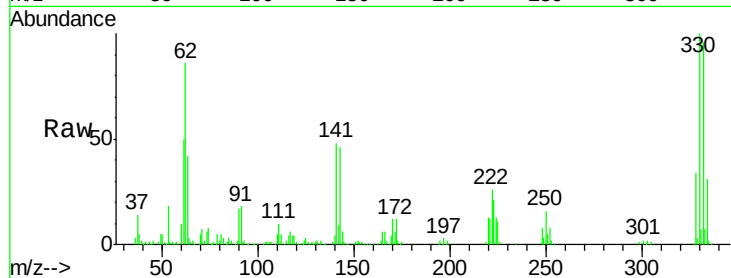




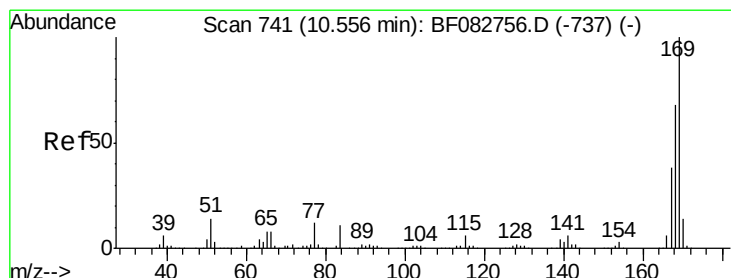
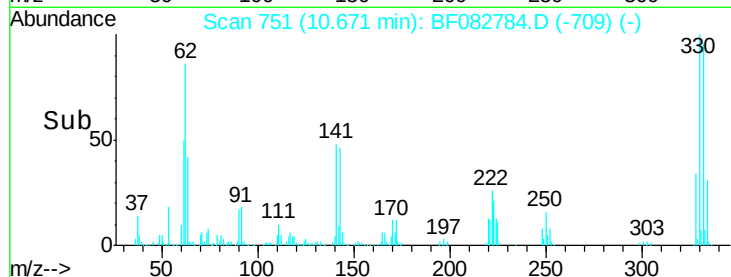
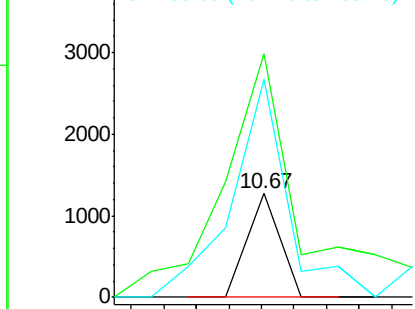
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.13 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.18 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-5(0-2)

Tgt Ion:198 Resp: 872
 Ion Ratio Lower Upper
 198 100
 51 234.8 17.3 57.3#
 105 209.7 21.7 61.7#

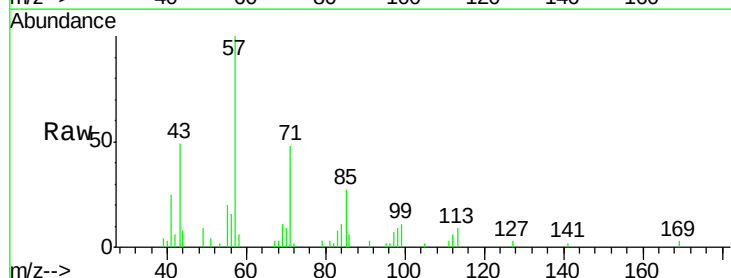


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

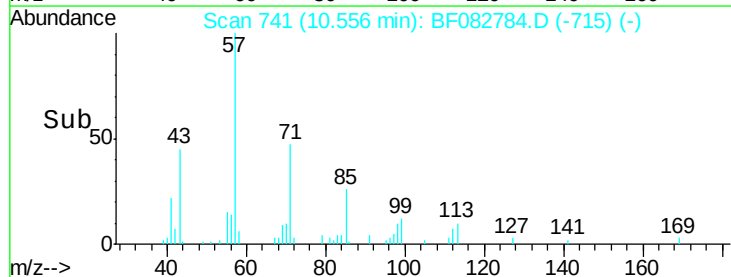
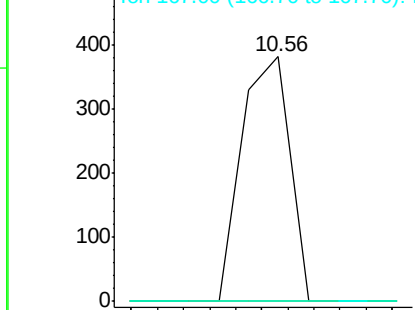


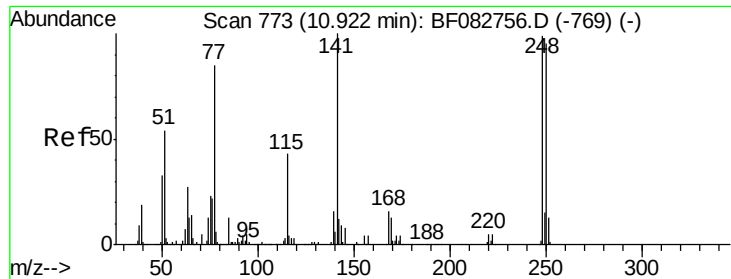
#65
 n-Nitrosodiphenylamine
 Concen: 0.01 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

Tgt Ion:169 Resp: 488
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.0 82.6#
 167 0.0 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

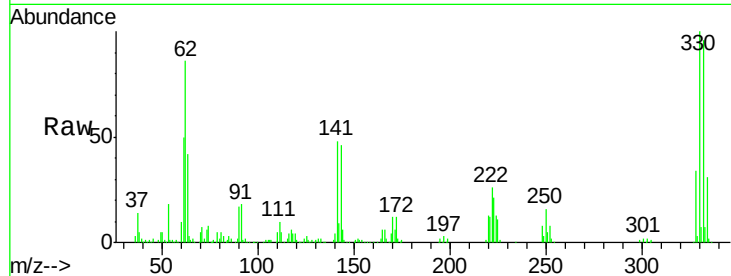




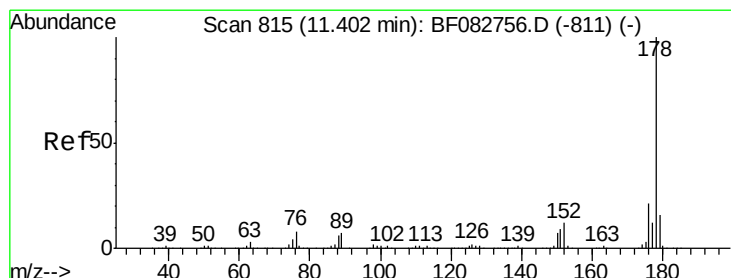
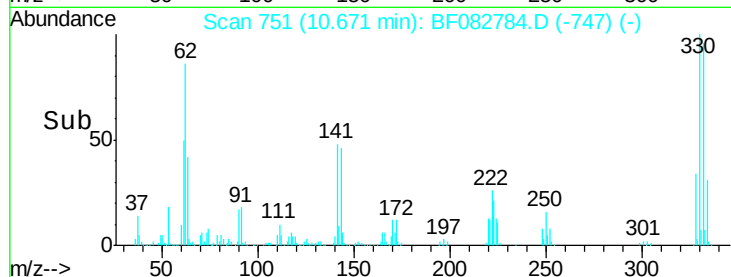
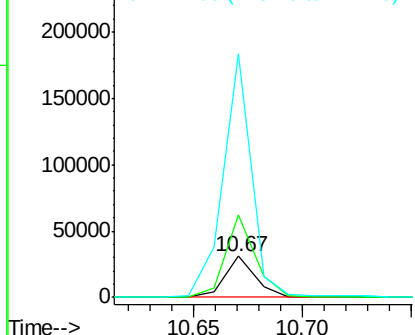
#66
 4-Bromophenyl-phenylether
 Concen: 2.65 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-5(0-2)

Tgt Ion:248 Resp: 29727
 Ion Ratio Lower Upper
 248 100
 250 199.3 79.4 119.2#
 141 593.0 36.3 54.5#

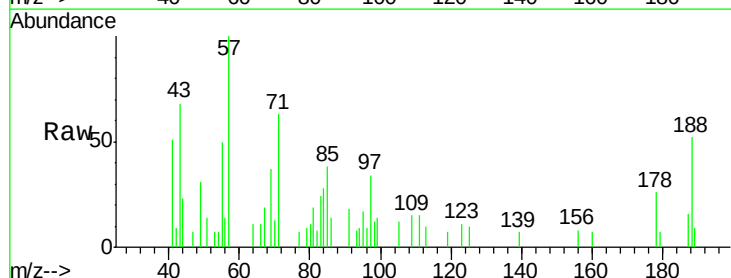


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

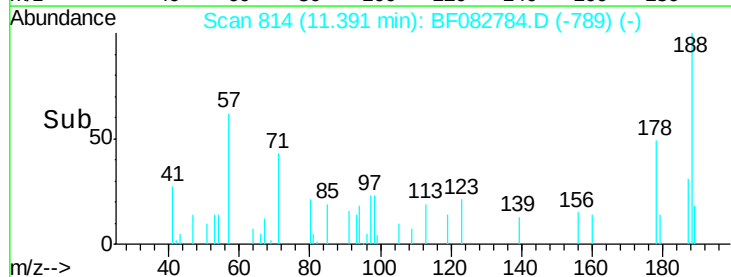
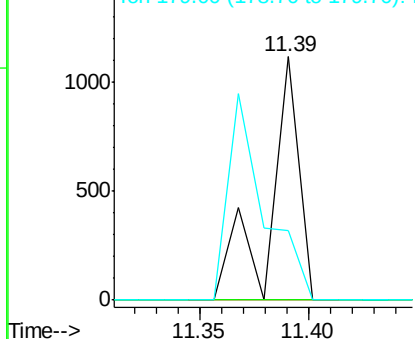


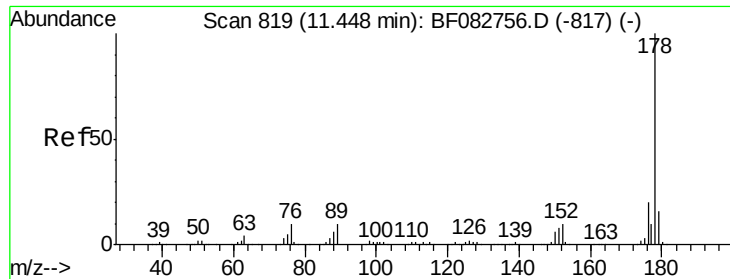
#70
 Phenanthrene
 Concen: 0.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082784.D
 Acq: 7 Nov 2015 2:16

Tgt Ion:178 Resp: 1055
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.0 25.4#
 179 28.3 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: 0.02 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

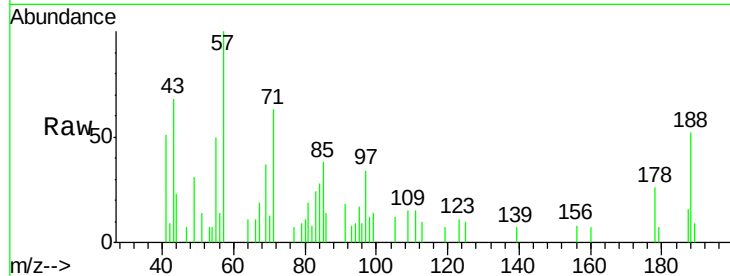
Tgt Ion:178 Resp: 1055

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

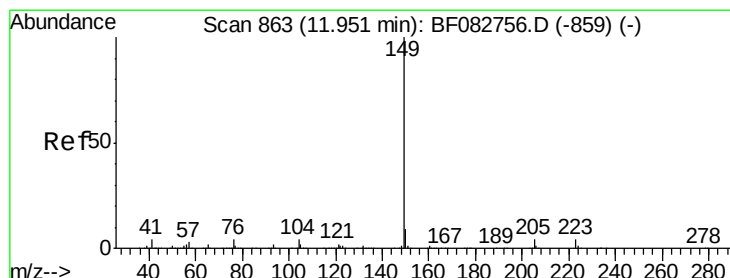
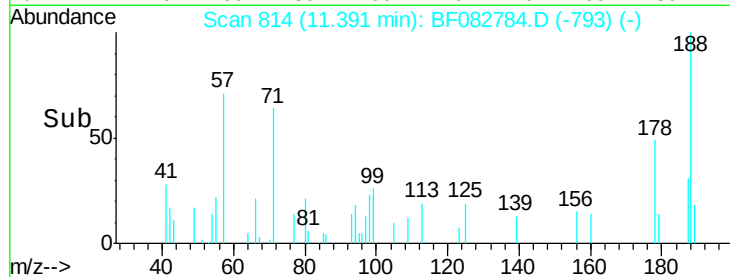
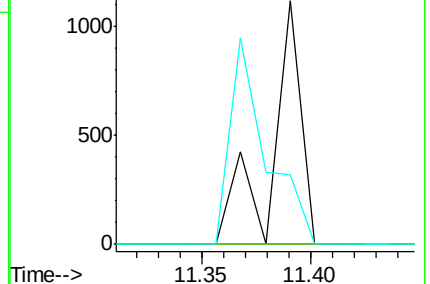
179 28.3 13.2 19.8#



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: 0.12 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

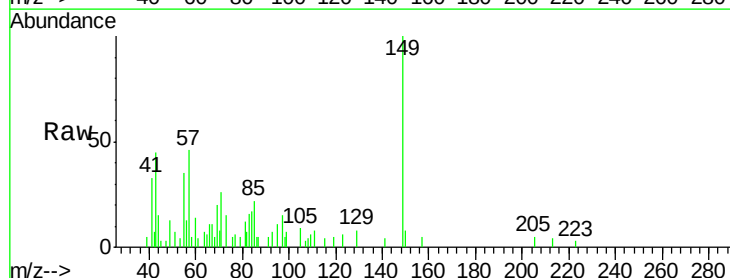
Tgt Ion:149 Resp: 7631

Ion Ratio Lower Upper

149 100

150 8.2 8.1 12.1

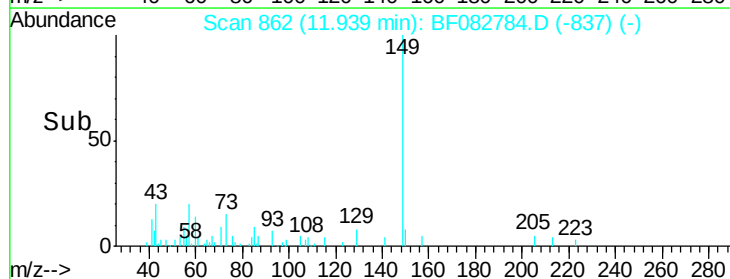
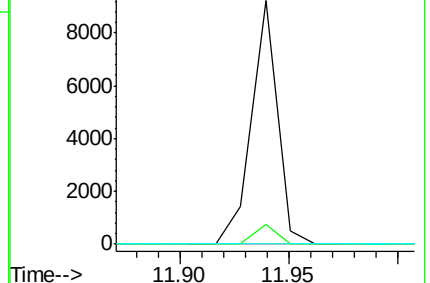
104 0.0 5.2 7.8#

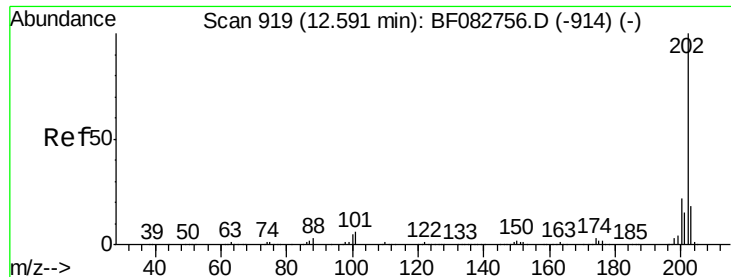


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

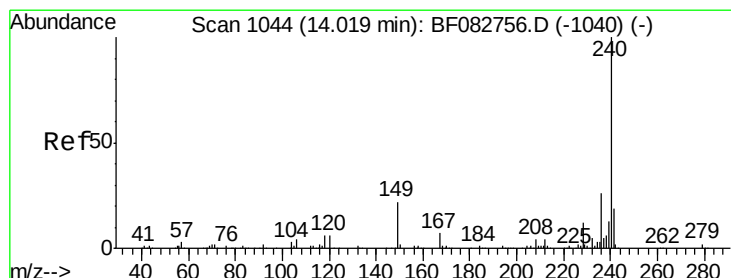
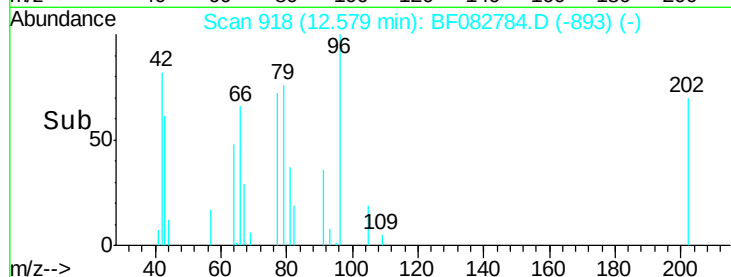
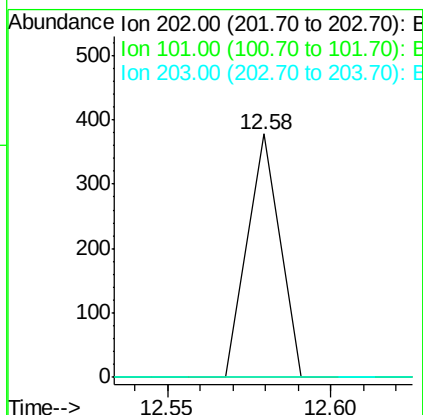
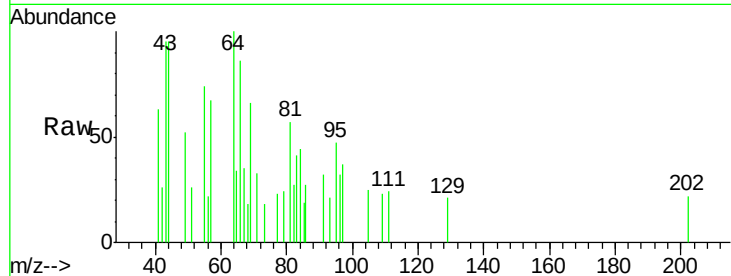




#74
Fluoranthene
Concen: 0.00 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

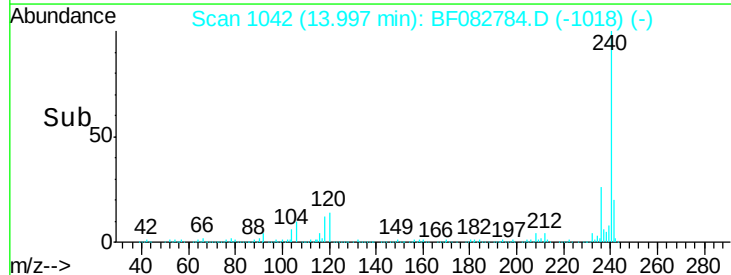
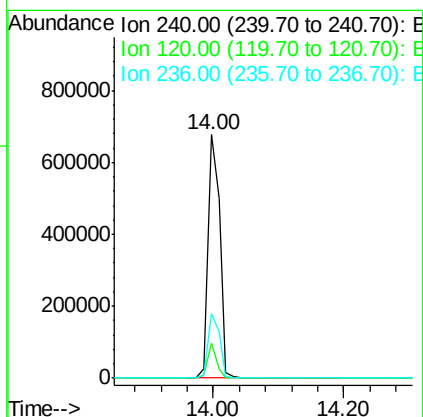
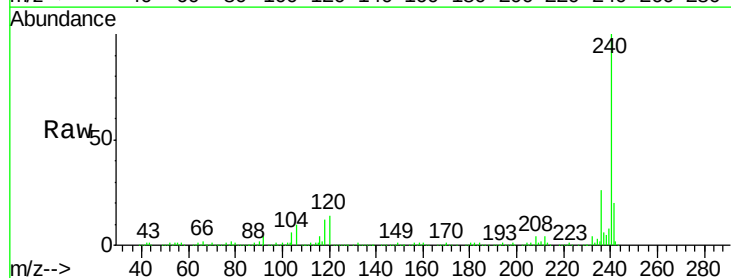
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

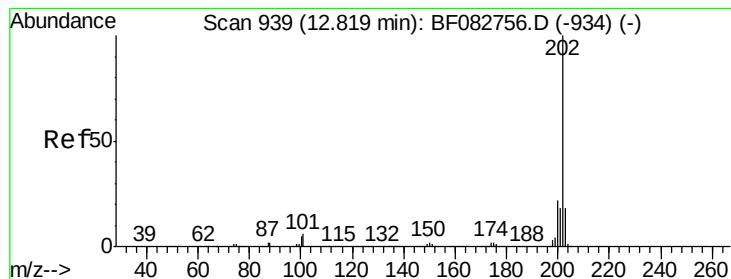
Tgt Ion: 202 Resp: 259
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.5
203 0.0 0.0 38.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion: 240 Resp: 847715
Ion Ratio Lower Upper
240 100
120 14.3 10.9 16.3
236 26.2 21.6 32.4





#77

Pyrene

Concen: 0.00 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

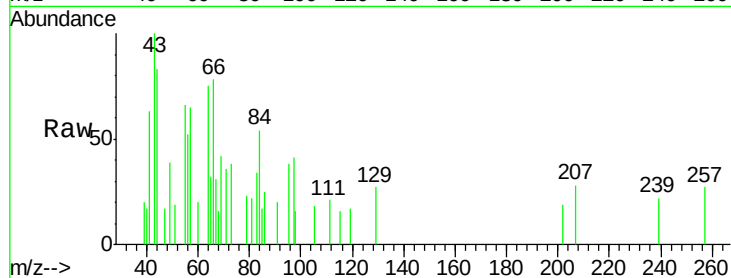
Tgt Ion: 202 Resp: 253

Ion Ratio Lower Upper

202 100

200 0.0 18.7 28.1#

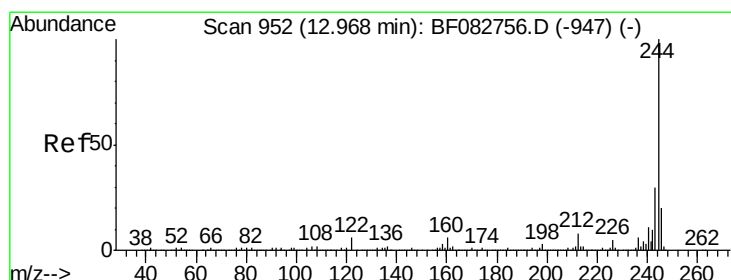
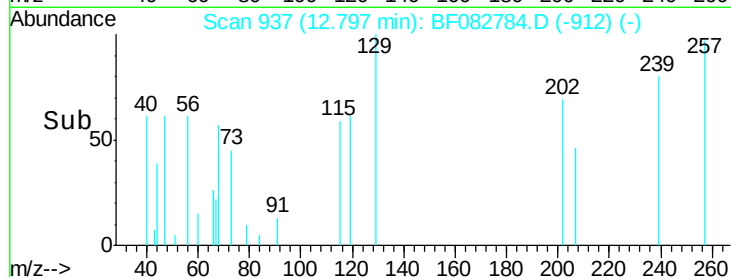
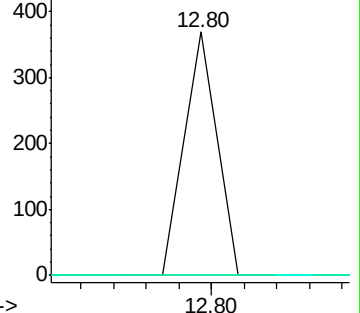
203 0.0 14.8 22.2#



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: 48.63 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

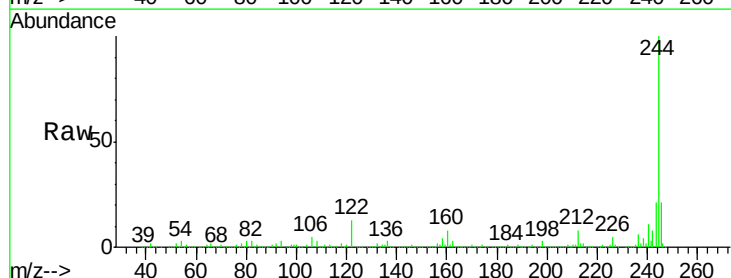
Tgt Ion: 244 Resp: 1738157

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

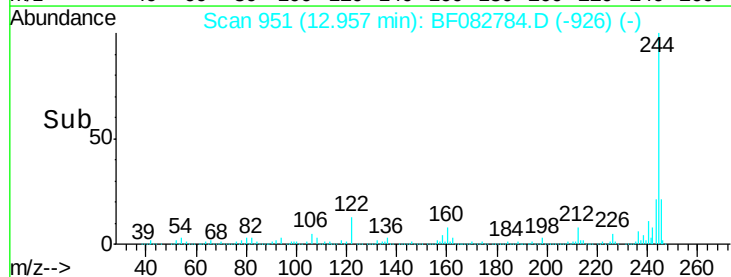
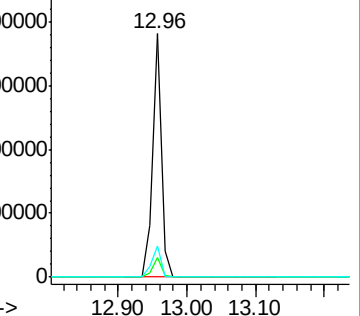
122 12.8 11.3 16.9

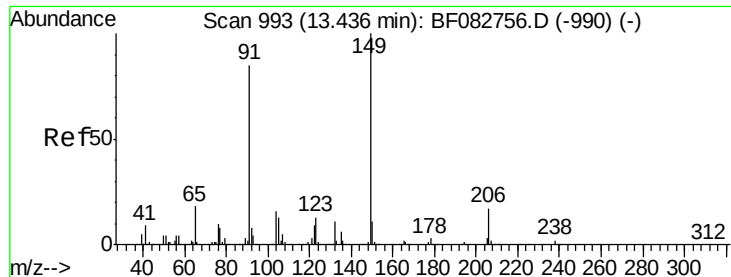


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

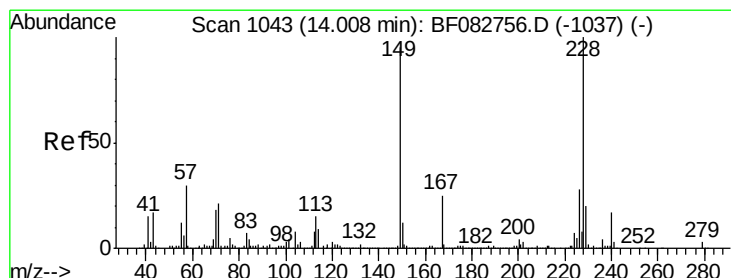
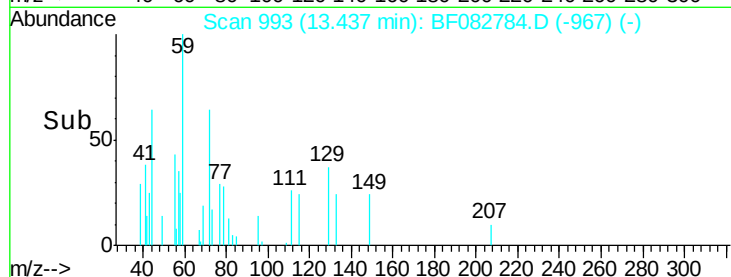
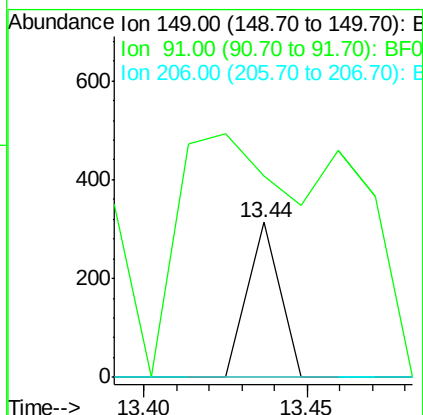
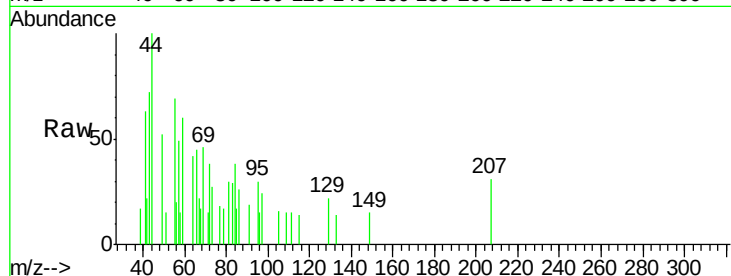




#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

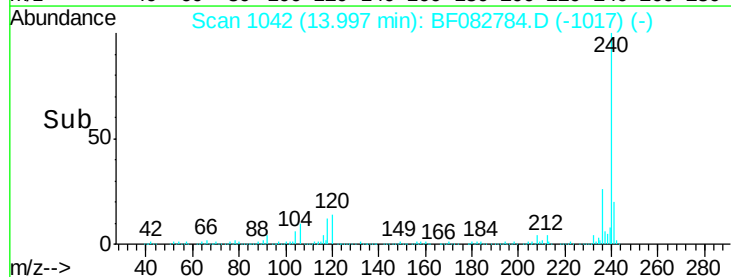
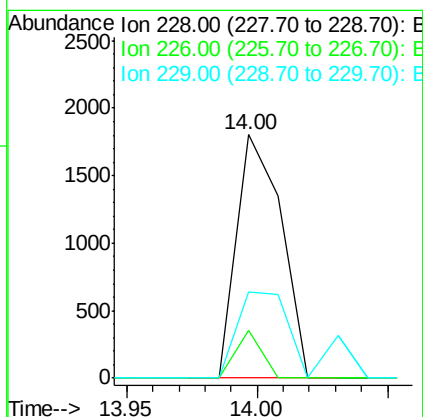
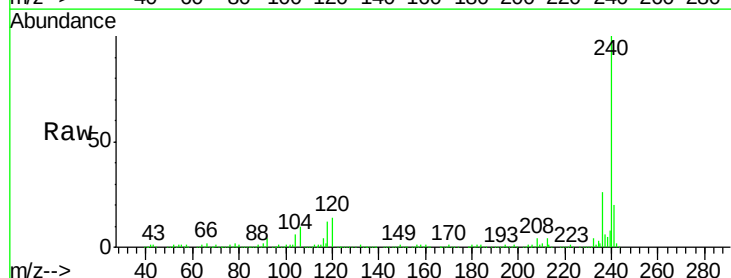
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

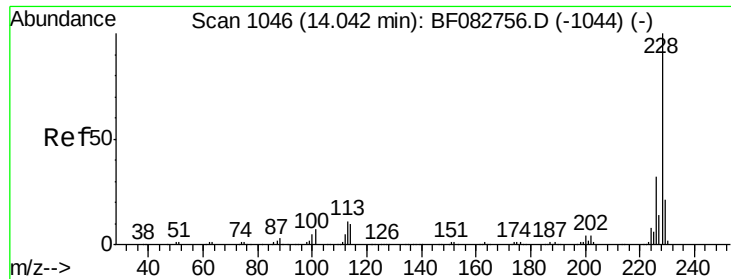
Tgt Ion:149 Resp: 215
Ion Ratio Lower Upper
149 100
91 129.6 67.7 101.5#
206 0.0 14.6 22.0#



#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:228 Resp: 2165
Ion Ratio Lower Upper
228 100
226 19.6 23.4 35.2#
229 35.5 16.3 24.5#





#82

Chrysene

Concen: 0.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)

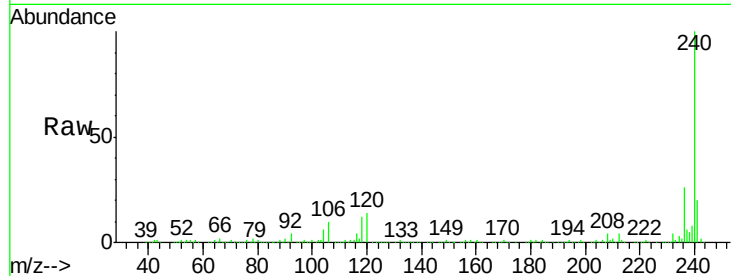
Tgt Ion:228 Resp: 2165

Ion Ratio Lower Upper

228 100

226 19.6 25.5 38.3#

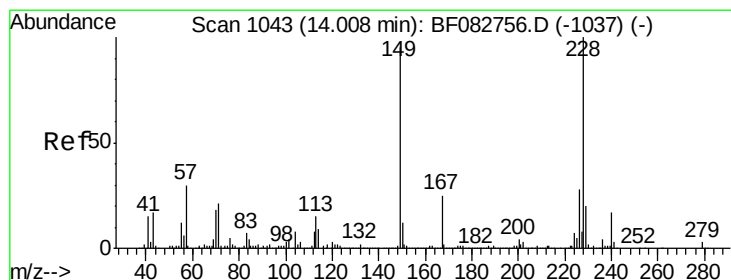
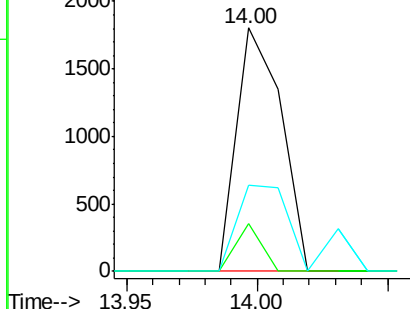
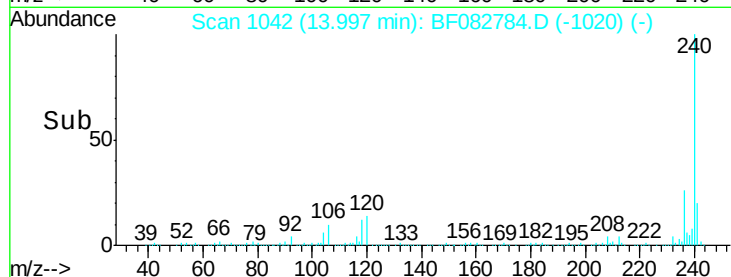
229 35.5 16.3 24.5#



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: 0.22 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082784.D

Acq: 7 Nov 2015 2:16

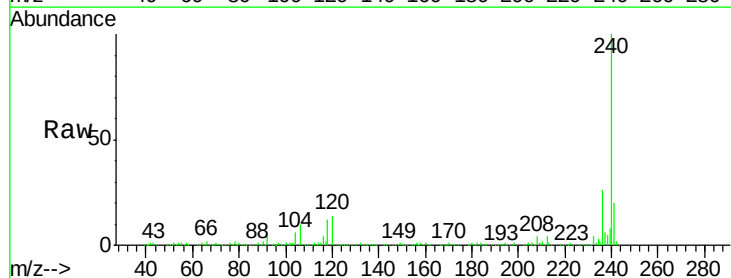
Tgt Ion:149 Resp: 7822

Ion Ratio Lower Upper

149 100

167 30.0 21.2 31.8

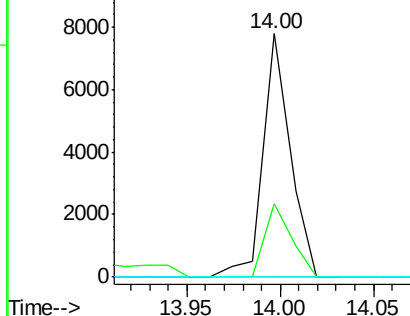
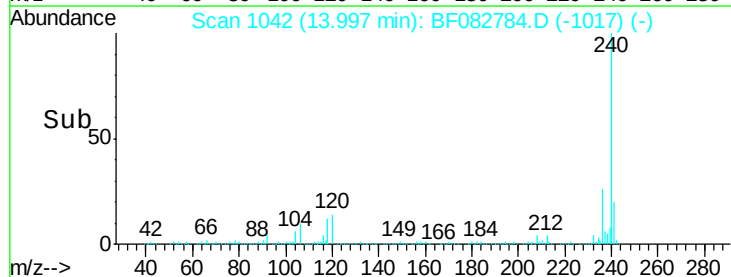
279 0.0 2.2 3.2#

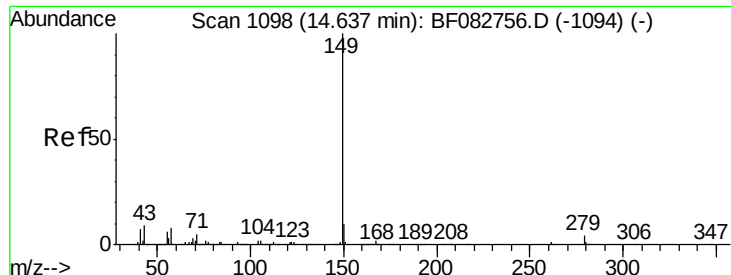


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

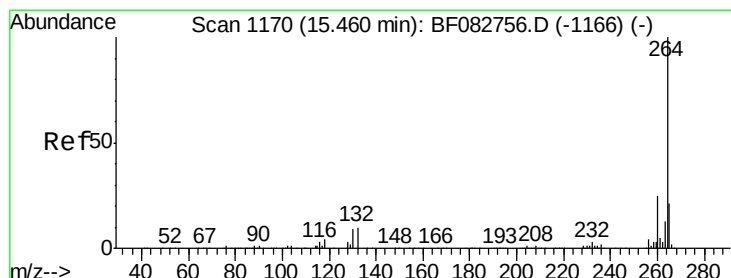
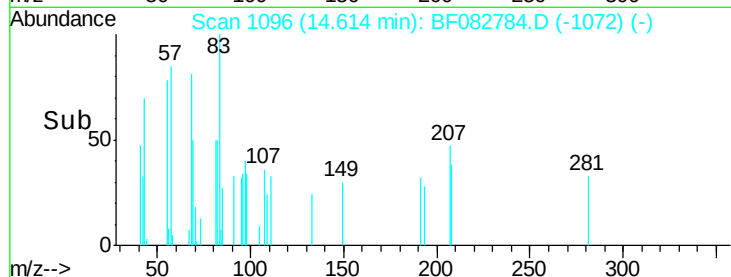
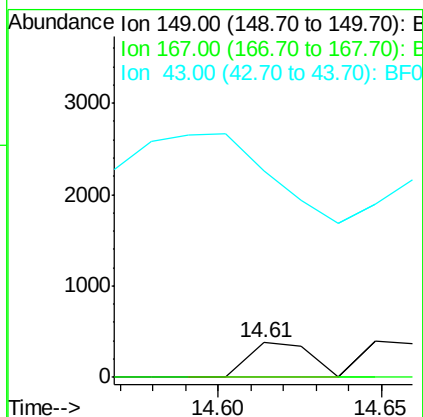
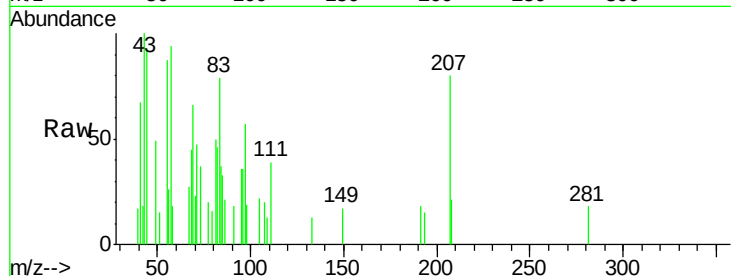




#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.61 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

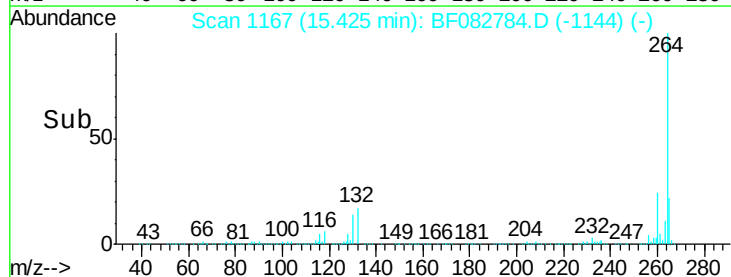
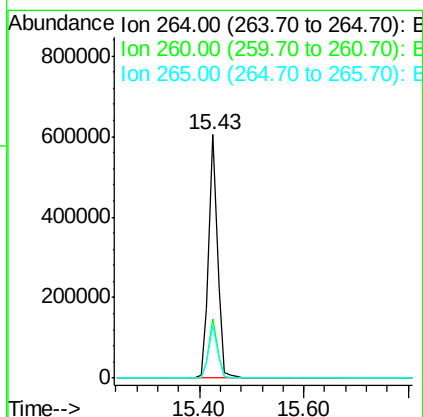
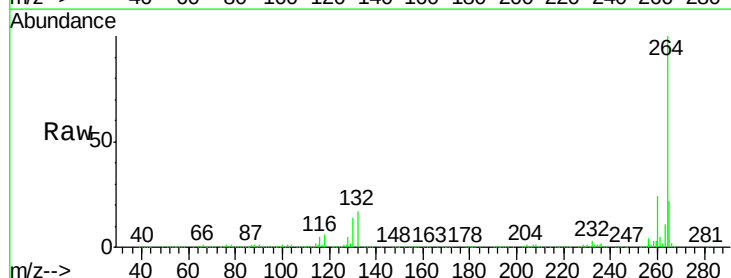
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-5(0-2)

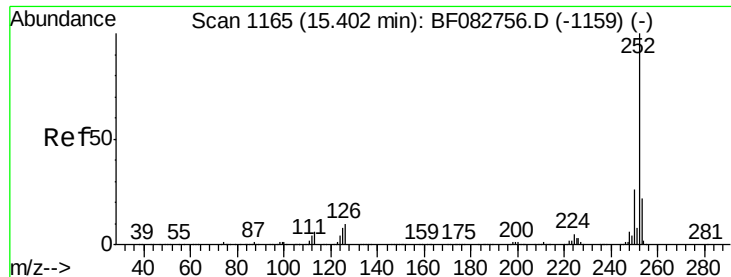
Tgt Ion:149 Resp: 490
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 1104.9 10.1 15.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082784.D
Acq: 7 Nov 2015 2:16

Tgt Ion:264 Resp: 716351
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 21.7 17.4 26.0





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF082784.D

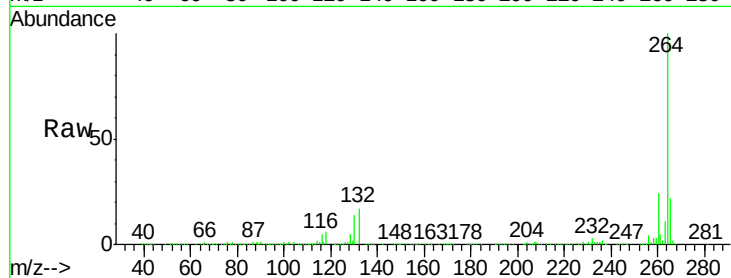
Acq: 7 Nov 2015 2:16

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-5(0-2)



Tgt Ion:	252	Resp:	2186
Ion	Ratio	Lower	Upper
252	100		
253	36.6	17.3	25.9#
125	20.8	7.1	10.7#

