

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090999.D
 Acq On : 3 Nov 2016 00:07
 Operator : UM/SJ
 Sample : H5489-14RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0RE

Quant Time: Nov 03 01:05:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170015	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	672188	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	321443	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	426195	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	365535	20.00	ng	-0.02
86) Perylene-d12	15.28	264	293374	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1603400	164.89	ng	-0.01
7) Phenol-d6	6.37	99	2083423	158.81	ng	-0.02
23) Nitrobenzene-d5	7.30	82	1475368	143.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	411941	124.70	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1872014	102.26	ng	-0.02
78) Terphenyl-d14	12.83	244	1370805	94.48	ng	-0.02

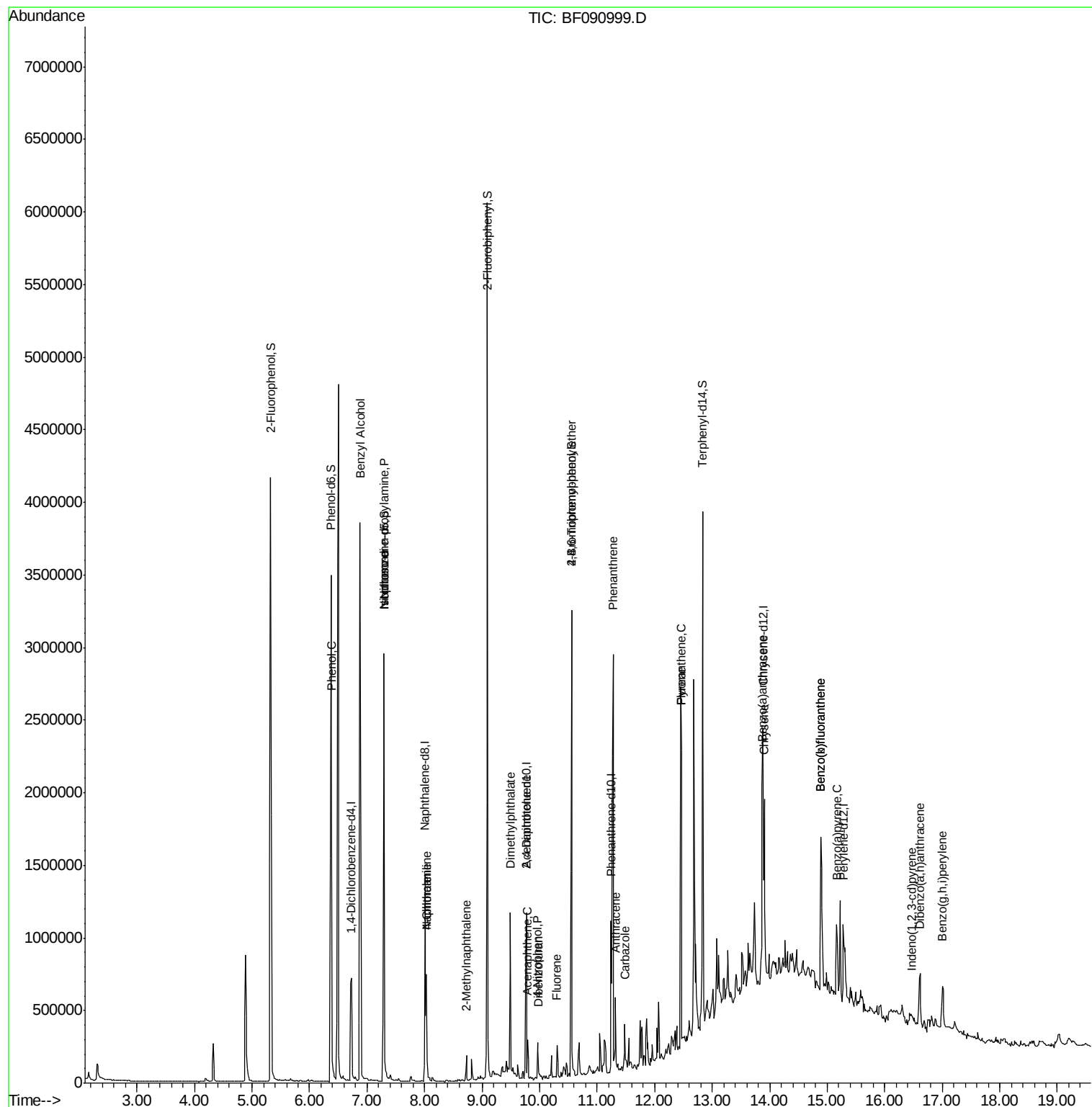
Target Compounds						Qvalue
10) Phenol	6.38	94	33553	2.32	ng	# 1
15) Benzyl Alcohol	6.88	79	22218	2.58	ng	# 32
19) n-Nitroso-di-n-propylamine	7.30	70	204746	26.99	ng	# 50
25) Isophorone	7.30	82	1352156	64.89	ng	# 58
31) Naphthalene	8.03	128	319887	10.18	ng	# 98
33) 4-Chloroaniline	8.03	127	41617	3.28	ng	# 31
37) 2-Methylnaphthalene	8.73	142	59224	2.92	ng	# 91
49) Dimethylphthalate	9.49	163	575568	26.80	ng	# 97
51) Acenaphthene	9.79	154	65874	3.59	ng	# 87
54) Dibenzofuran	9.97	168	124258	5.24	ng	# 91
55) 4-Nitrophenol	9.96	139	51825	16.83	ng	# 29
56) 2,4-Dinitrotoluene	9.77	165	42553	7.22	ng	# 33
57) Fluorene	10.30	166	70876	3.65	ng	# 90
66) 4-Bromophenyl-phenylether	10.56	248	29529	6.33	ng	# 1
70) Phenanthrene	11.28	178	1439592	66.33	ng	# 95
71) Anthracene	11.32	178	212782	9.31	ng	# 98
72) Carbazole	11.48	167	140016	6.94	ng	# 95
74) Fluoranthene	12.46	202	1387613	58.38	ng	# 87
77) Pyrene	12.46	202	1387613	59.98	ng	# 97
80) Benzo(a)anthracene	13.87	228	590621	30.45	ng	# 93
82) Chrysene	13.91	228	449724	22.92	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.47	276	50198	2.89	ng	# 90
87) Benzo(b)fluoranthene	14.89	252	828327	41.99	ng	# 88
88) Benzo(k)fluoranthene	14.89	252	828327	53.13	ng	# 89
89) Benzo(a)pyrene	15.16	252	275041	16.23	ng	# 95
90) Dibenzo(a,h)anthracene	16.61	278	73982	5.16	ng	# 83
91) Benzo(g,h,i)perylene	17.00	276	218978	16.20	ng	# 84

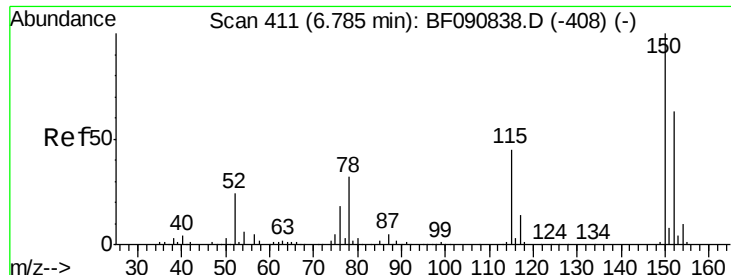
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090999.D
Acq On : 3 Nov 2016 00:07
Operator : UM/SJ
Sample : H5489-14RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

Quant Time: Nov 03 01:05:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

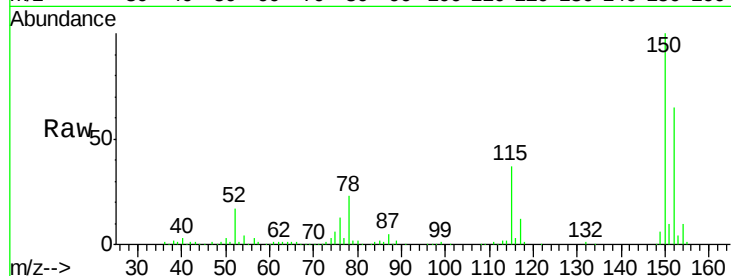
Tgt Ion:152 Resp: 170015

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

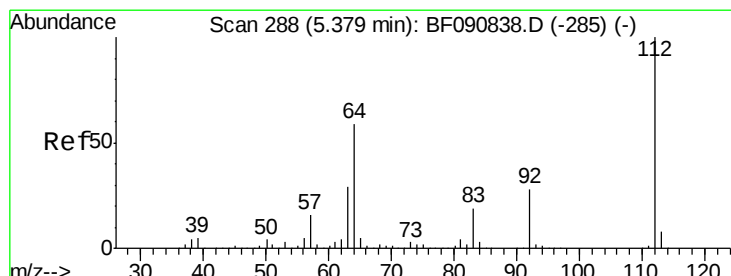
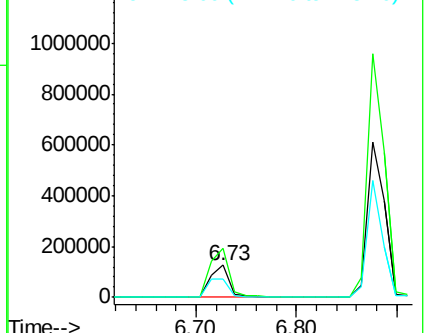
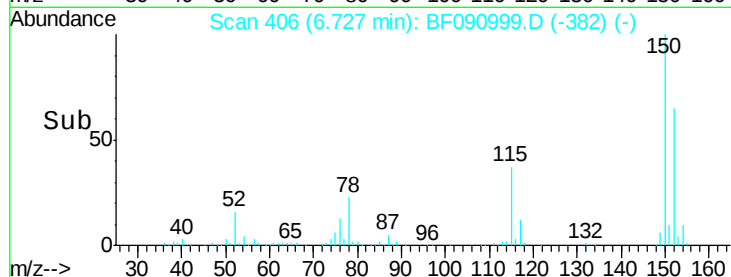
115 57.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 164.89 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

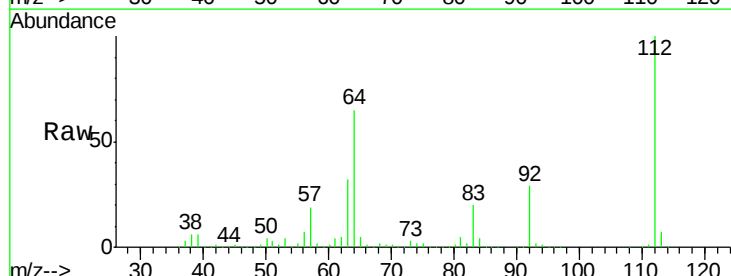
Tgt Ion:112 Resp: 1603400

Ion Ratio Lower Upper

112 100

64 65.1 39.7 59.5#

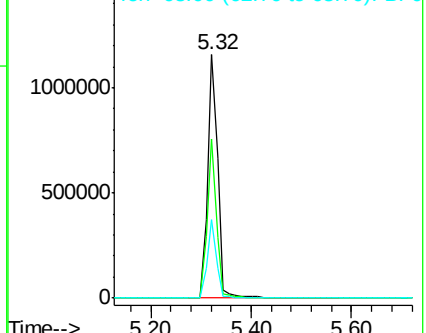
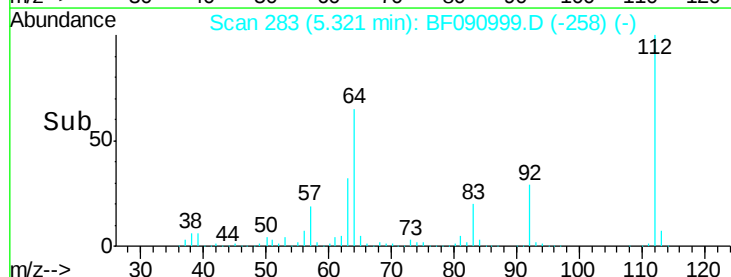
63 32.5 17.4 26.0#

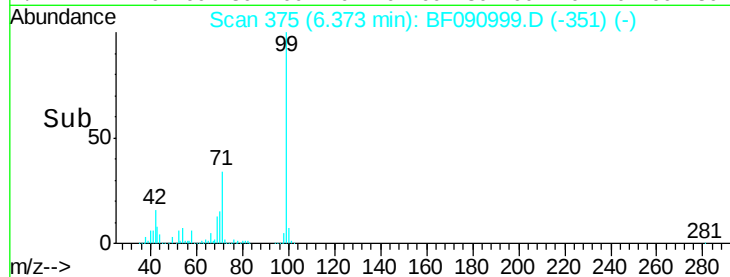
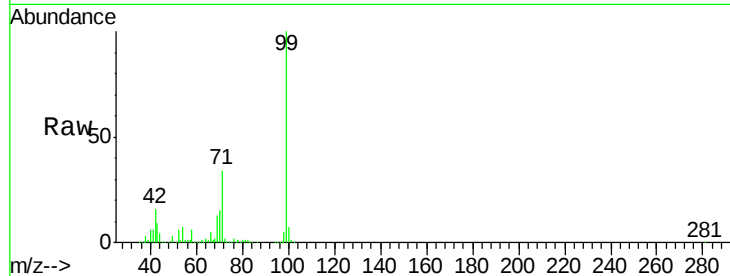


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 158.81 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

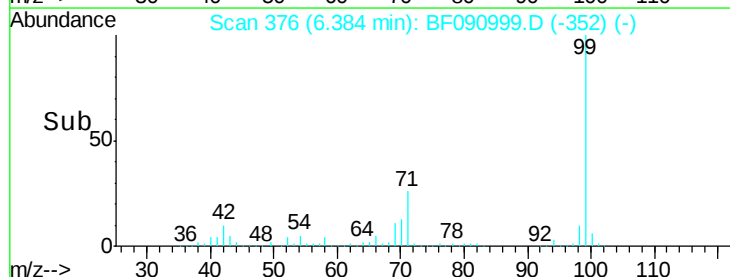
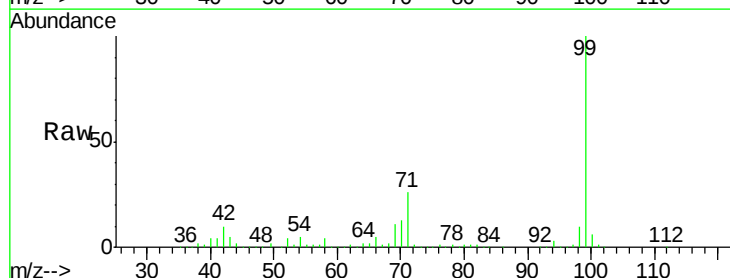
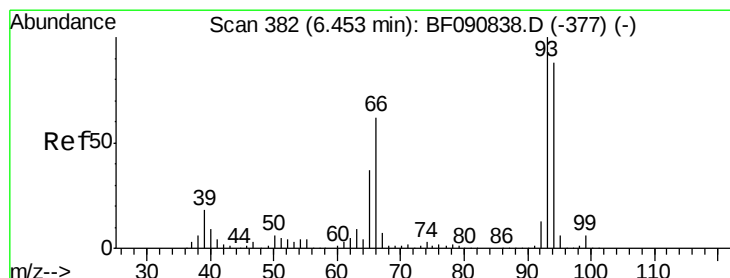
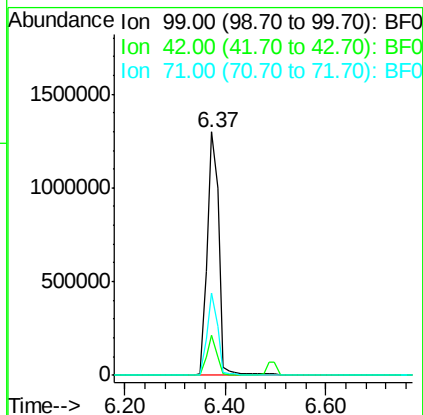
Tgt Ion: 99 Resp: 2083423

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 33.7 14.2 21.2#



#10

Phenol

Concen: 2.32 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

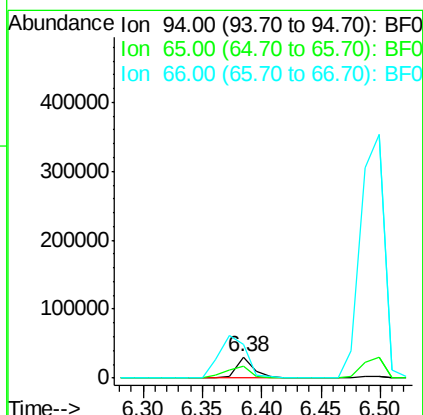
Tgt Ion: 94 Resp: 33553

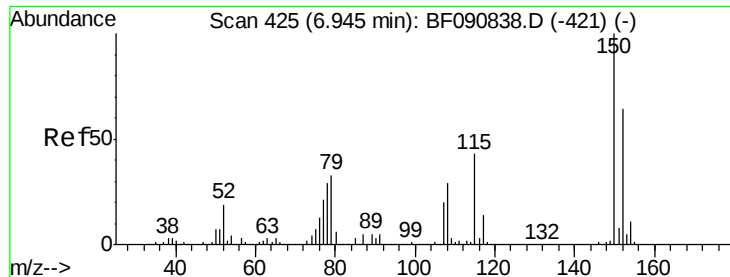
Ion Ratio Lower Upper

94 100

65 54.9 0.7 40.7#

66 155.9 0.8 40.8#





#15

Benzyl Alcohol

Concen: 2.58 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

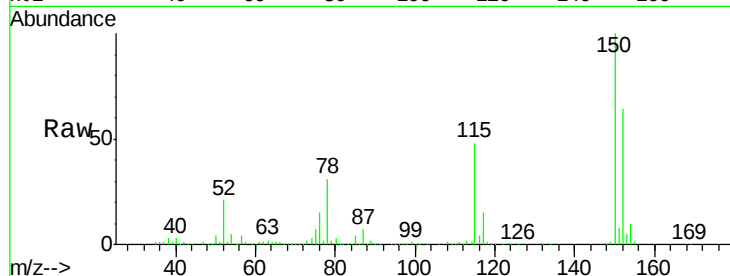
Tgt Ion: 79 Resp: 22218

Ion Ratio Lower Upper

79 100

108 27.8 88.6 132.8#

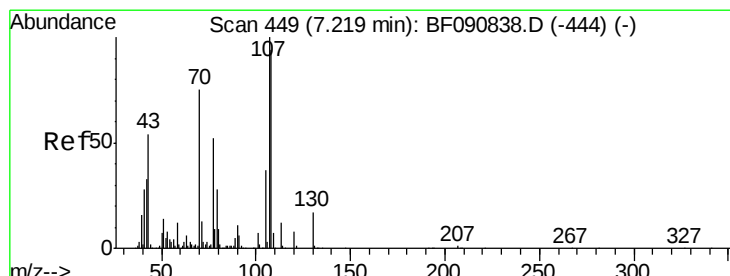
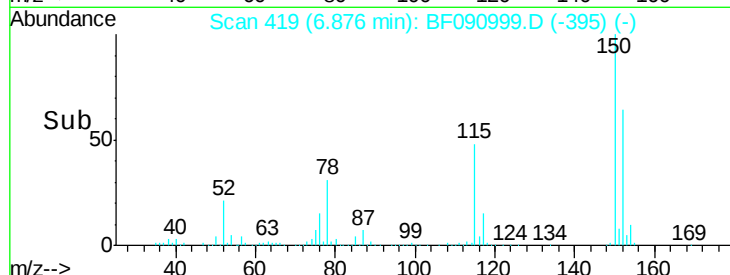
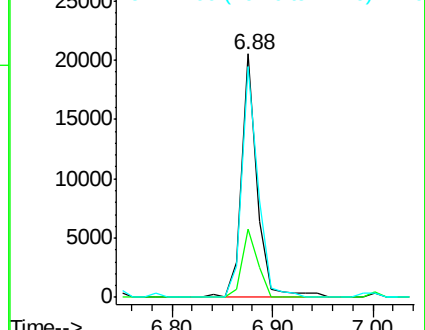
77 94.9 47.0 70.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 26.99 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Tgt Ion: 70 Resp: 204746

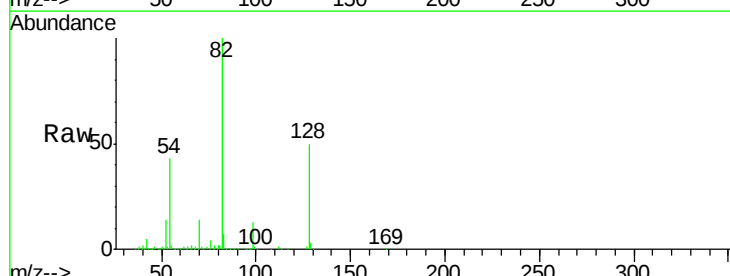
Ion Ratio Lower Upper

70 100

42 35.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

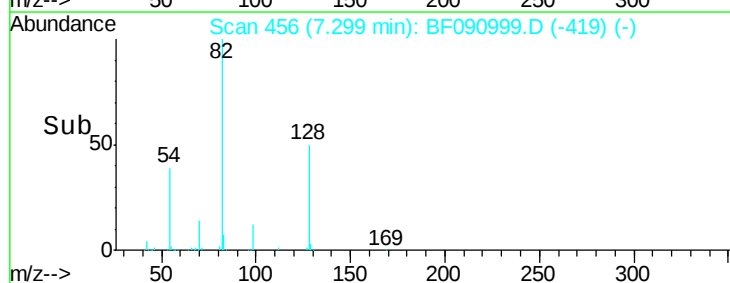
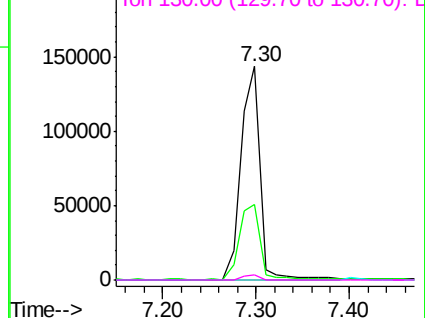


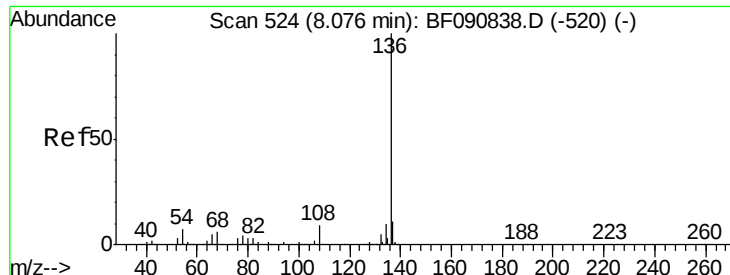
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

Tgt Ion:136 Resp: 672188

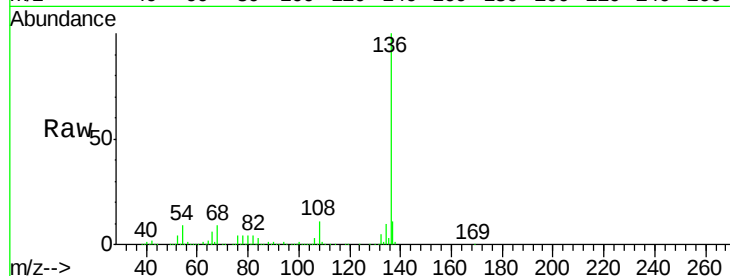
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.4 8.2 12.2

68 8.6 5.8 8.6

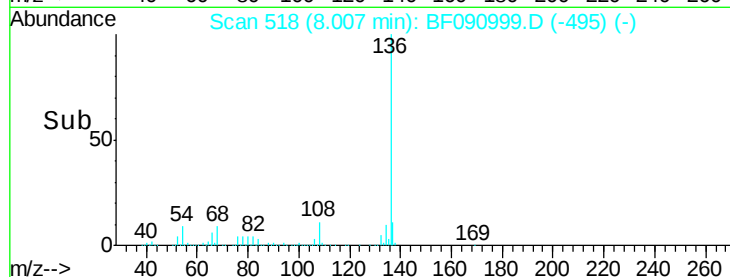


Abundance Ion 136.00 (135.70 to 136.70): E

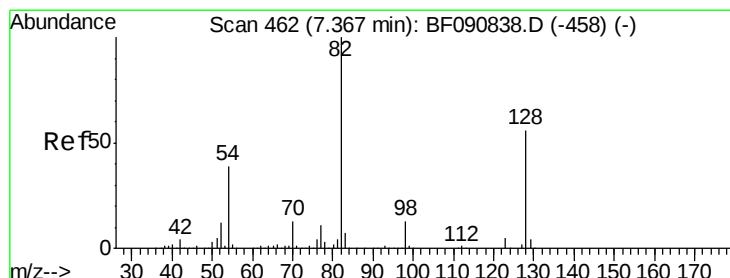
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 143.68 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

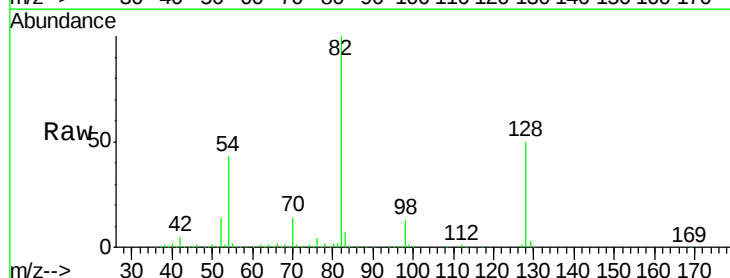
Tgt Ion: 82 Resp: 1475368

Ion Ratio Lower Upper

82 100

128 49.6 51.0 76.6#

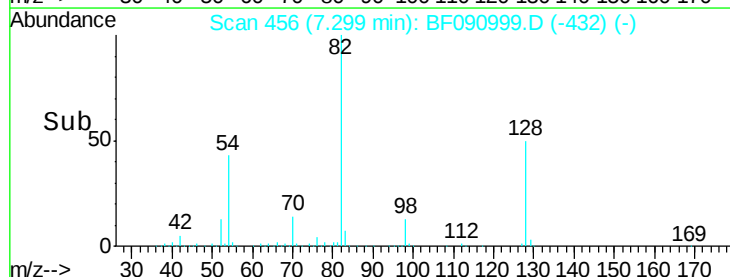
54 43.4 47.5 71.3#



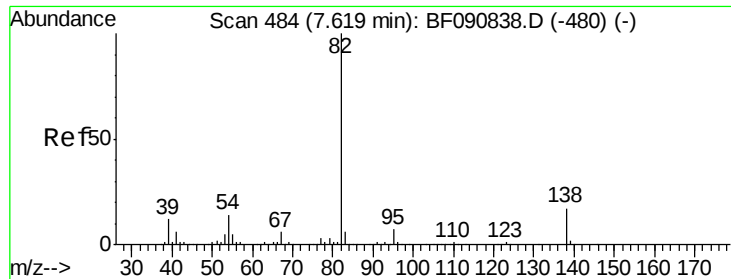
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 64.89 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

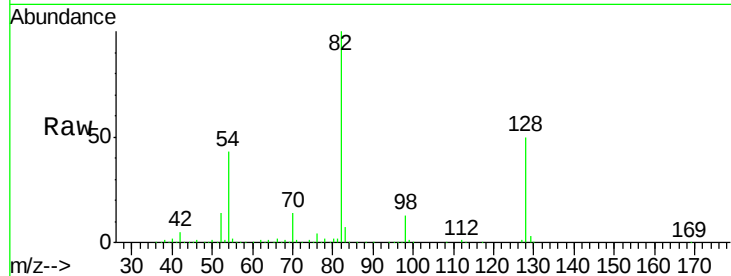
Tgt Ion: 82 Resp: 1352156

Ion Ratio Lower Upper

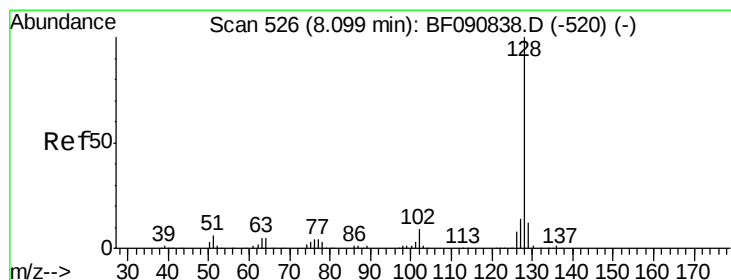
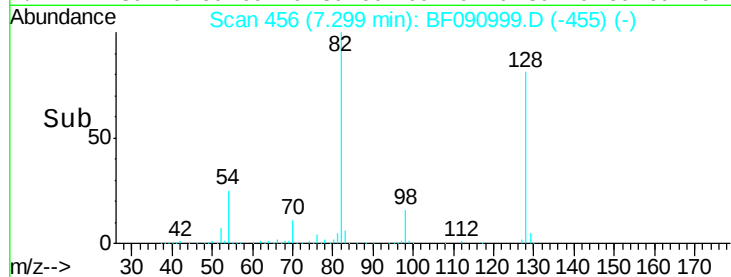
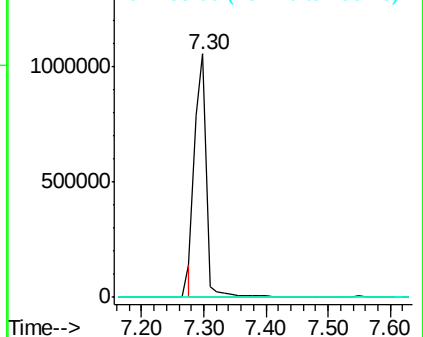
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 10.18 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

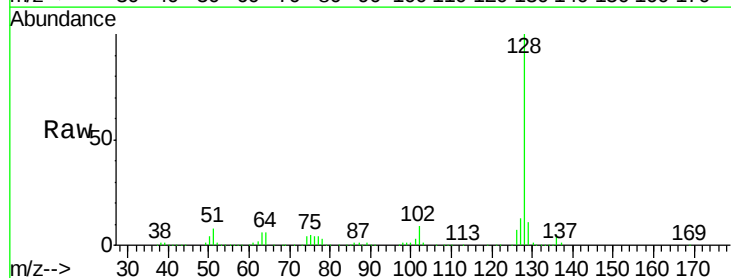
Tgt Ion: 128 Resp: 319887

Ion Ratio Lower Upper

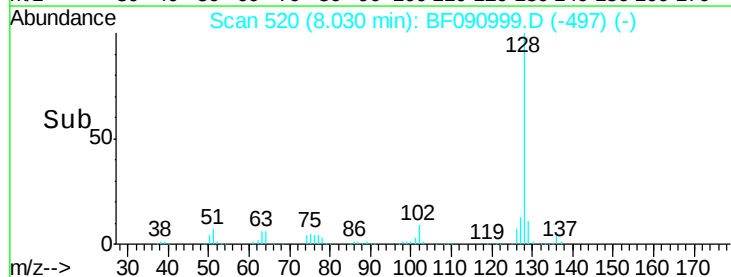
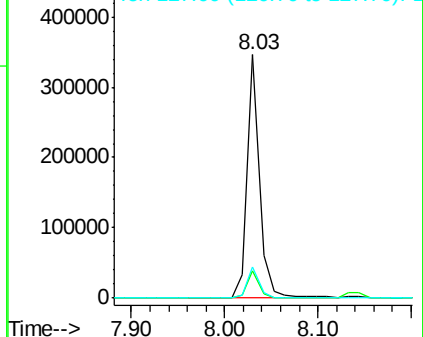
128 100

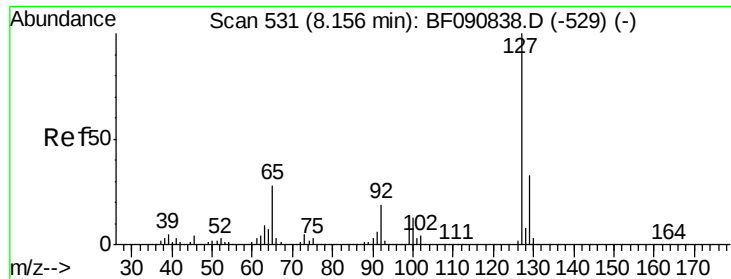
129 11.4 8.4 12.6

127 13.0 9.9 14.9



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

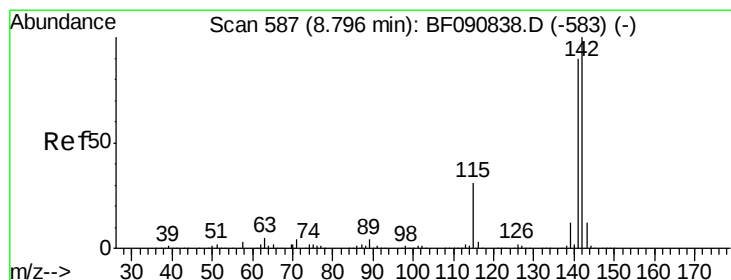
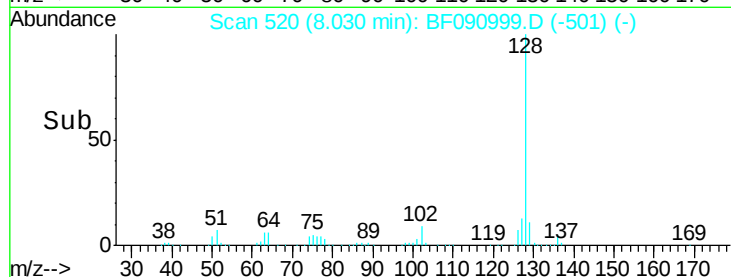
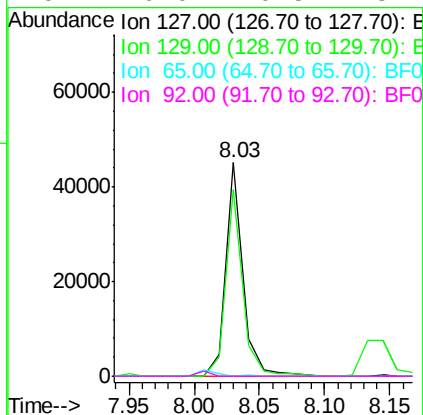
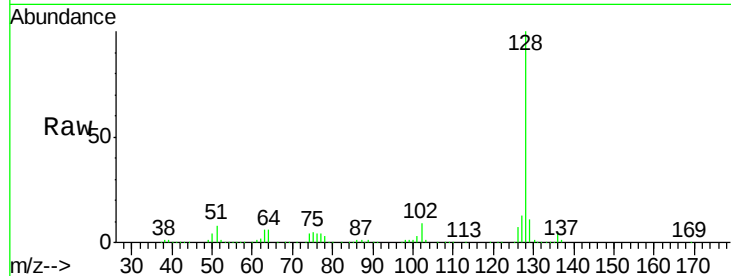




#33
4-Chloroaniline
Concen: 3.28 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.08 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

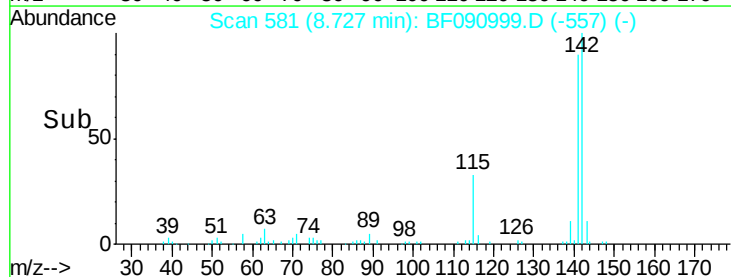
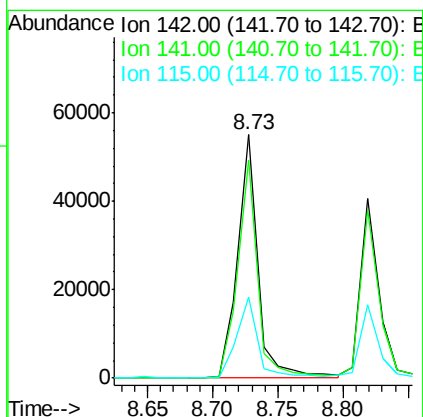
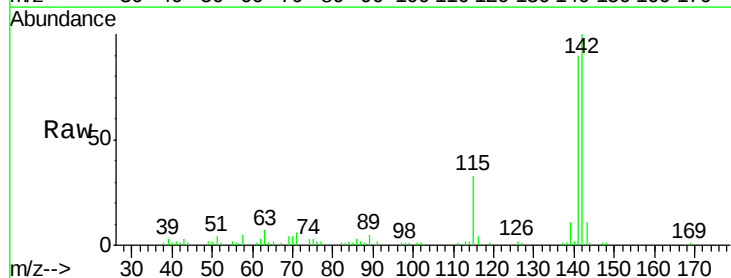
Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

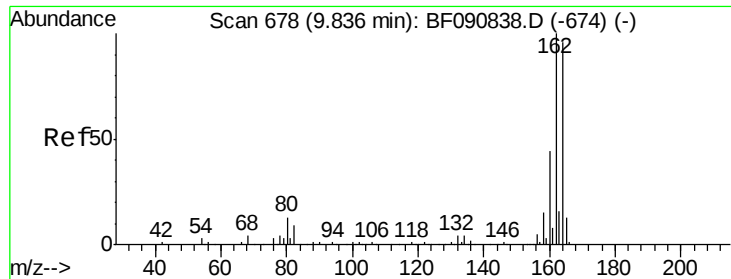
Tgt Ion:127 Resp: 41617
Ion Ratio Lower Upper
127 100
129 87.4 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 2.92 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:142 Resp: 59224
Ion Ratio Lower Upper
142 100
141 89.6 67.5 101.3
115 33.2 18.2 27.2#

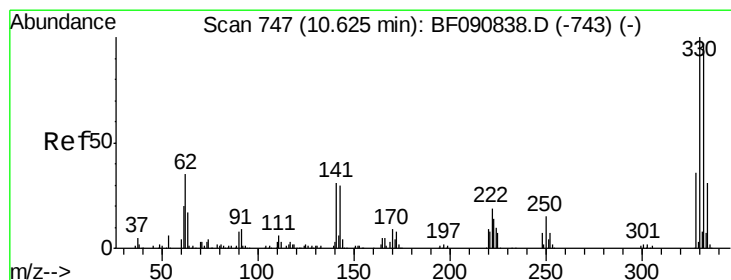
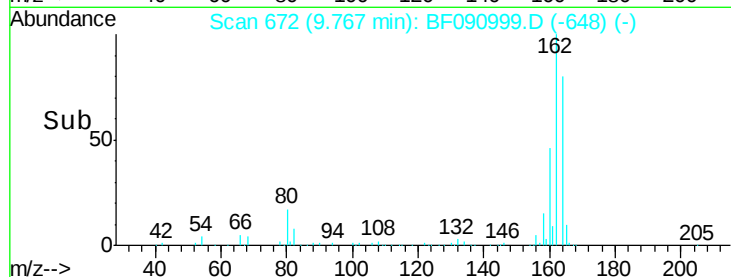
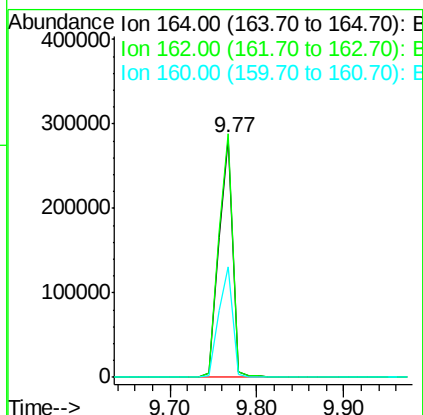
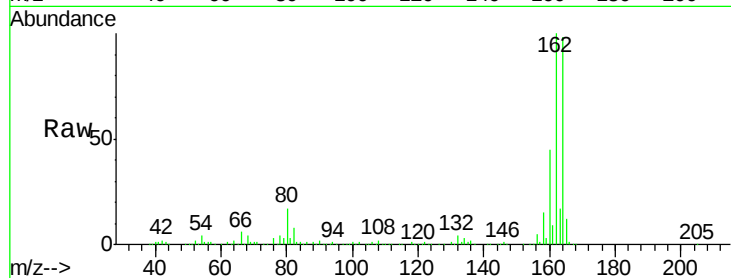




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

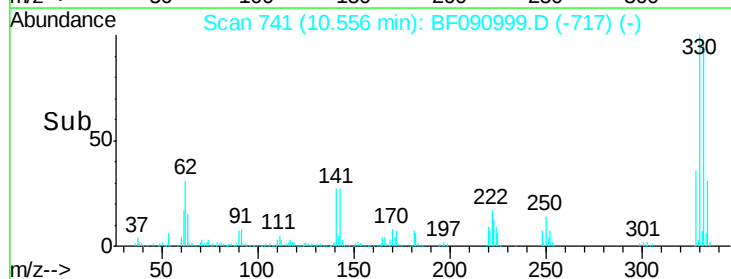
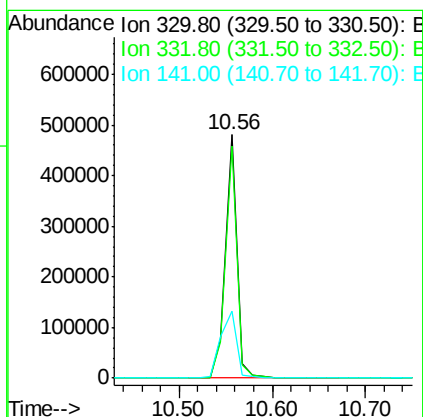
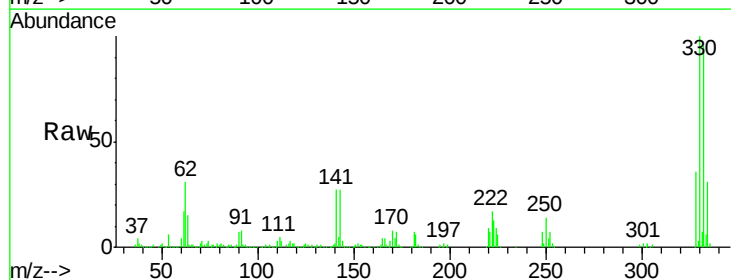
Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

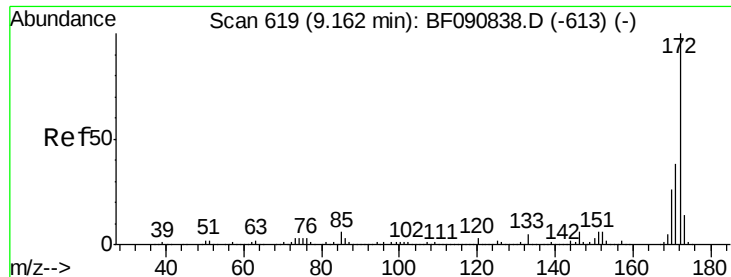
Tgt Ion:164 Resp: 321443
Ion Ratio Lower Upper
164 100
162 101.9 75.2 112.8
160 46.1 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 124.70 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:330 Resp: 411941
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 38.3 29.7 44.5

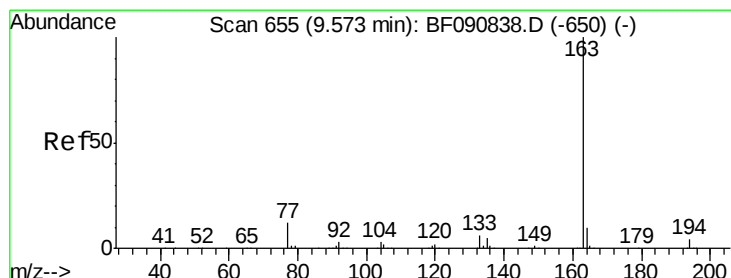
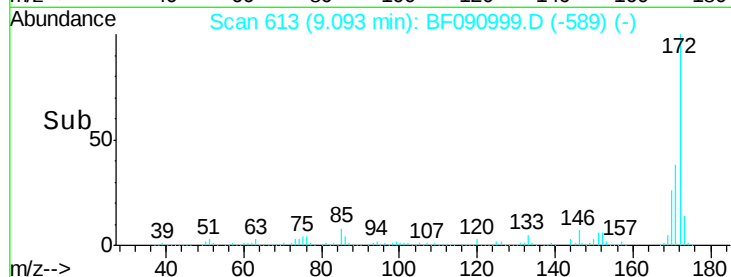
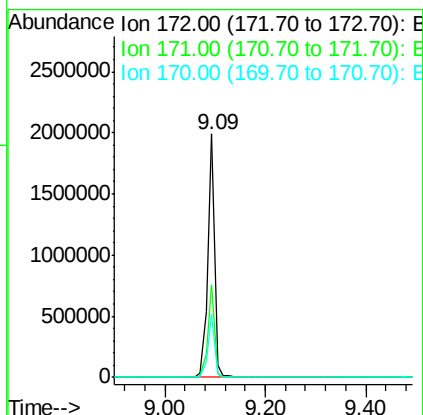
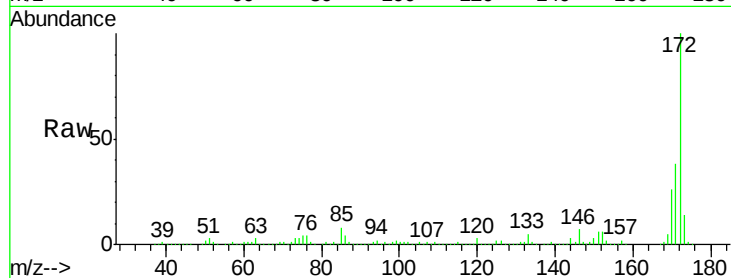




#44
 2-Fluorobiphenyl
 Concen: 102.26 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

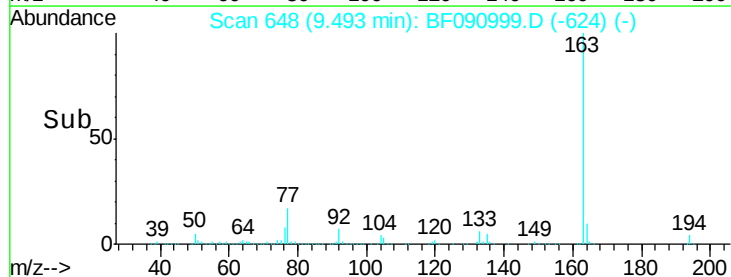
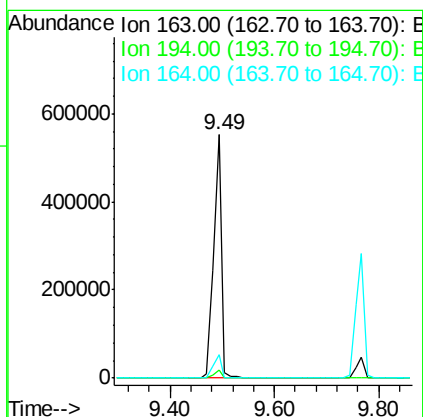
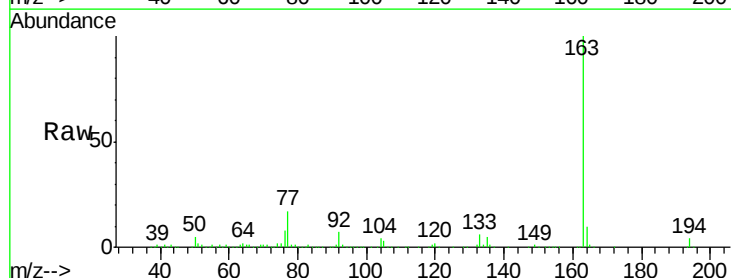
Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0RE

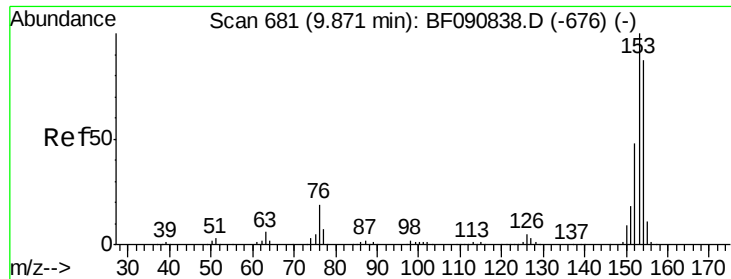
Tgt Ion:172 Resp: 1872014
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 26.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 26.80 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

Tgt Ion:163 Resp: 575568
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 9.9 8.3 12.5





#51

Acenaphthene

Concen: 3.59 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

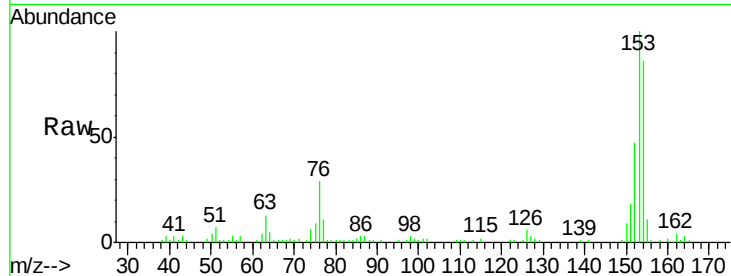
Tgt Ion:154 Resp: 65874

Ion Ratio Lower Upper

154 100

153 116.3 82.1 123.1

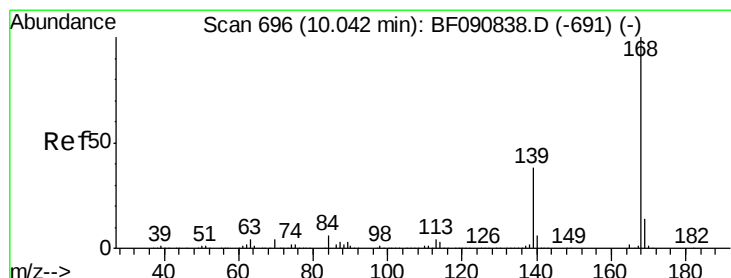
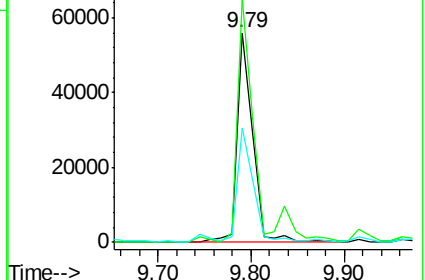
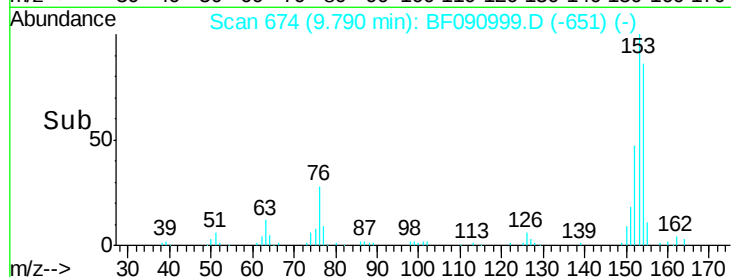
152 54.8 37.9 56.9



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: 5.24 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

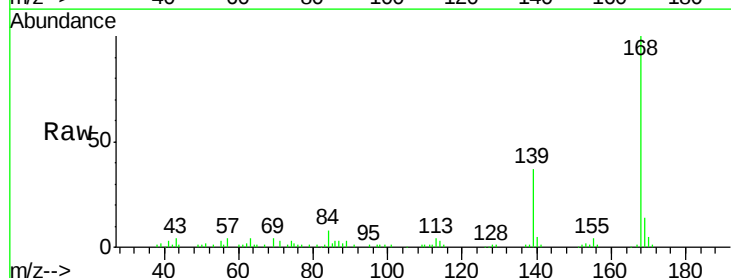
Tgt Ion:168 Resp: 124258

Ion Ratio Lower Upper

168 100

139 36.7 24.2 36.2#

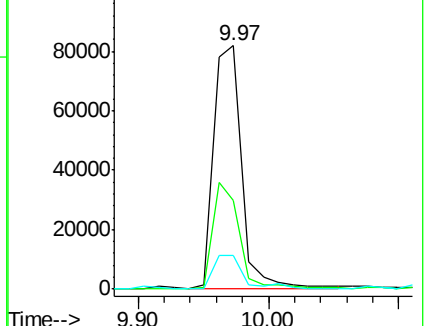
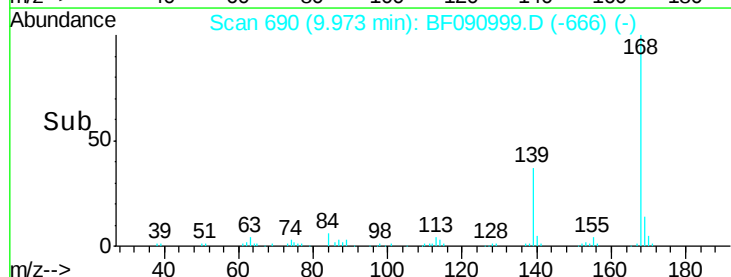
169 14.0 10.6 15.8

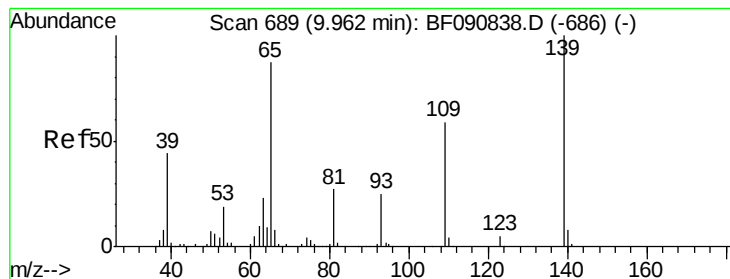


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.83 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.05 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

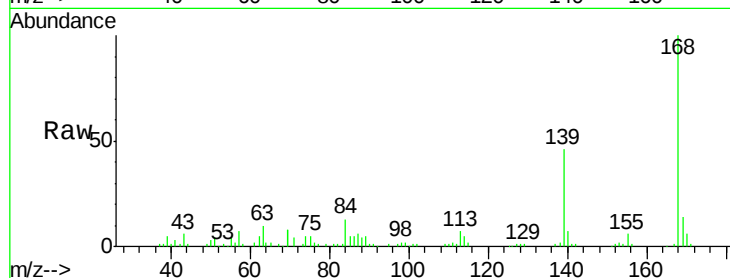
Tgt Ion:139 Resp: 51825

Ion Ratio Lower Upper

139 100

109 2.2 12.7 52.7#

65 3.3 45.9 85.9#

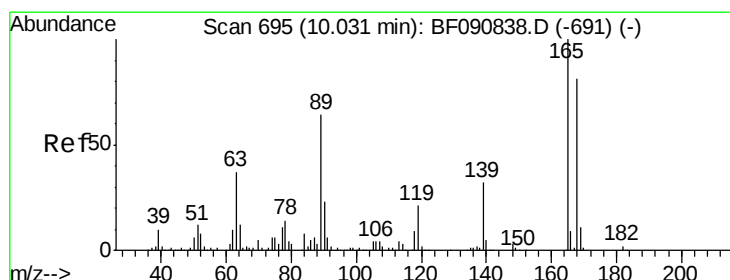
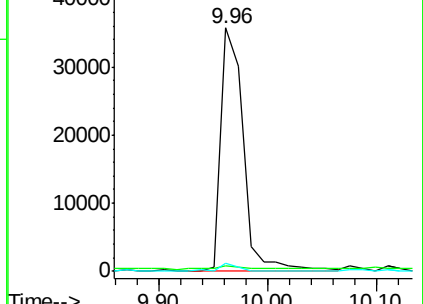
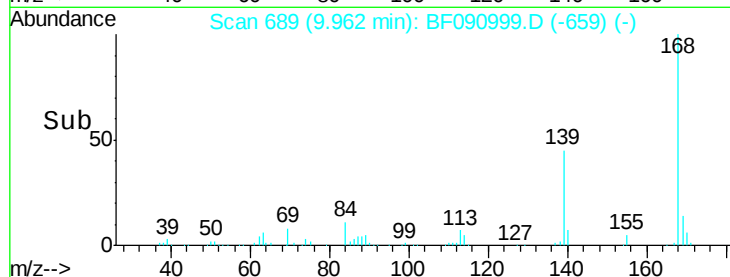


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 7.22 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.22 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Tgt Ion:165 Resp: 42553

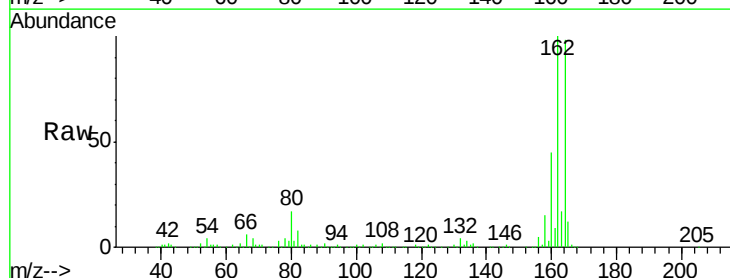
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#



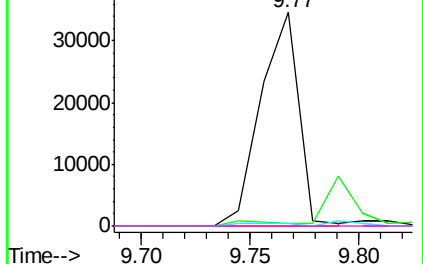
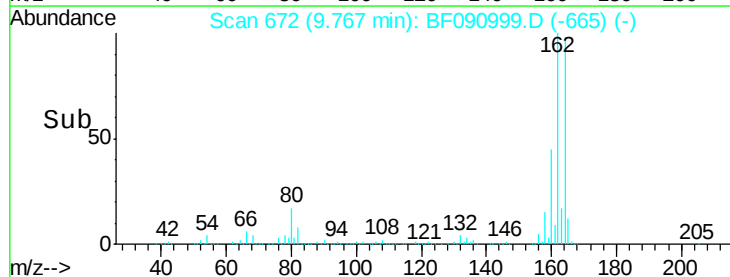
Abundance Ion 165.00 (164.70 to 165.70): E

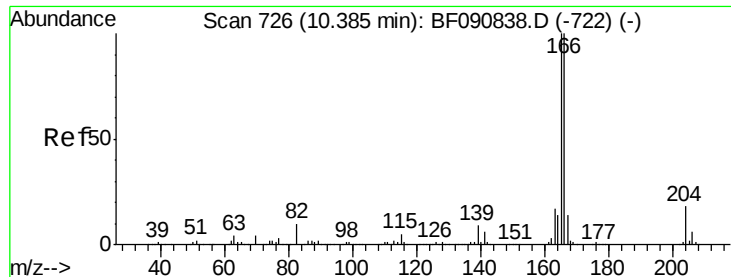
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->

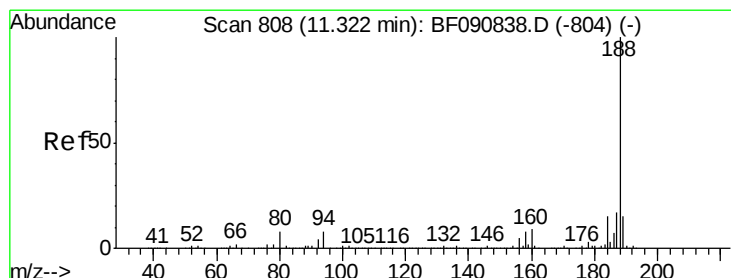
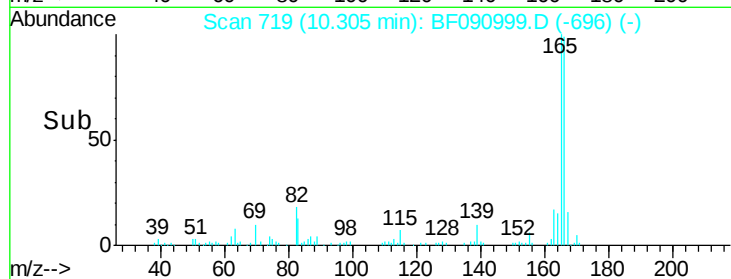
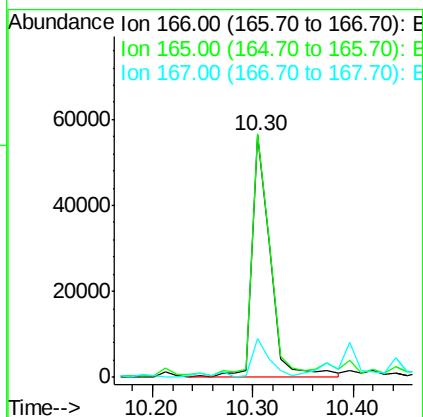
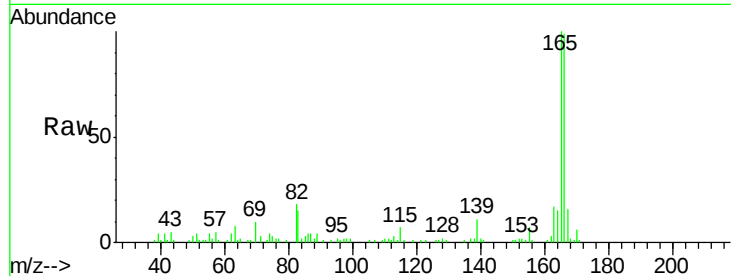




#57
Fluorene
 Concen: 3.65 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.03 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

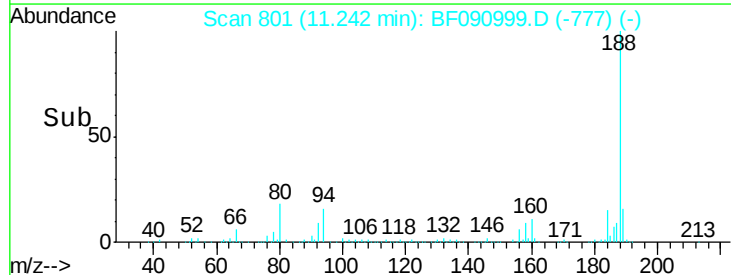
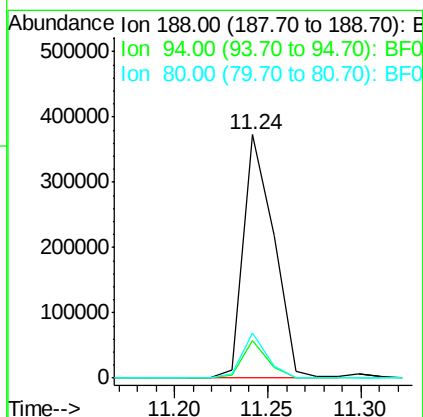
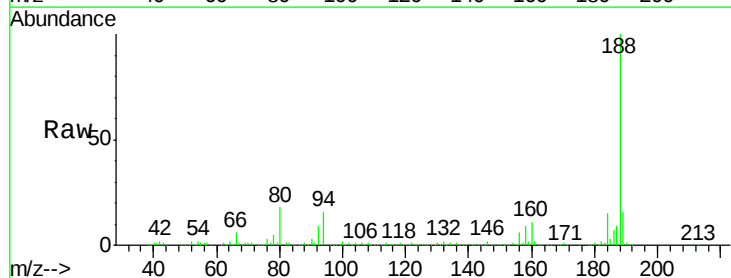
Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0RE

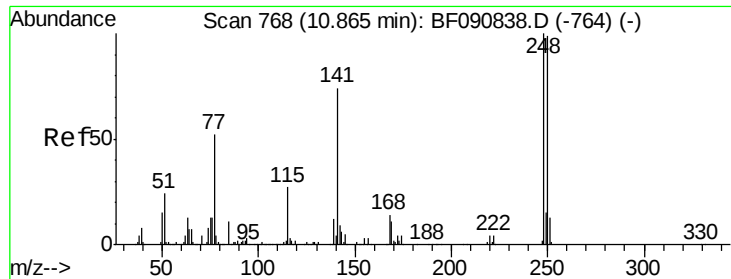
Tgt Ion:166 Resp: 70876
 Ion Ratio Lower Upper
 166 100
 165 100.7 72.6 109.0
 167 16.1 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

Tgt Ion:188 Resp: 426195
 Ion Ratio Lower Upper
 188 100
 94 15.6 11.1 16.7
 80 18.5 11.0 16.4#





#66

4-Bromophenyl-phenylether

Concen: 6.33 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.26 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

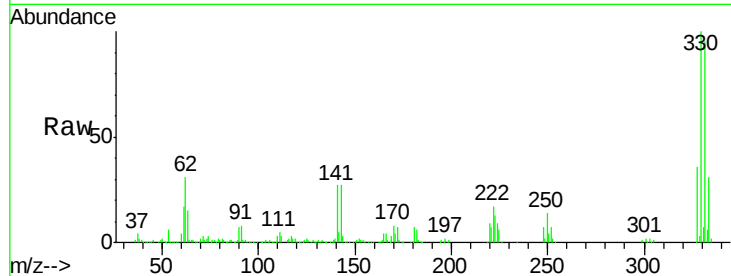
Tgt Ion:248 Resp: 29529

Ion Ratio Lower Upper

248 100

250 198.4 78.5 117.7#

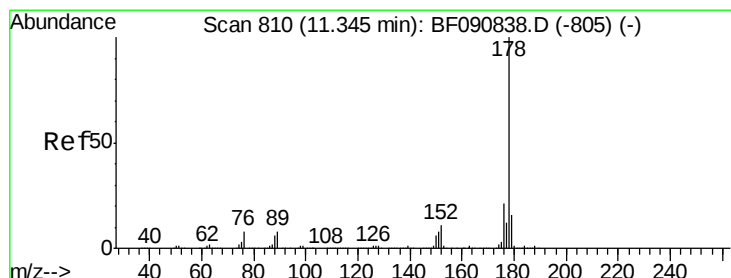
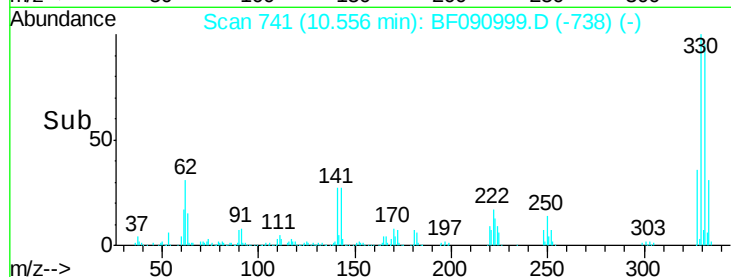
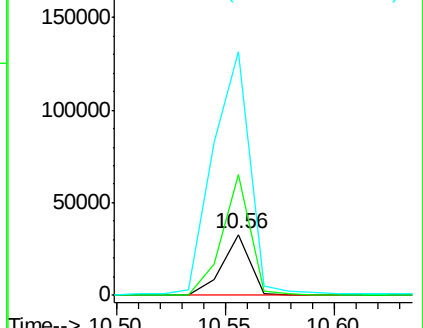
141 398.2 59.0 88.6#



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: 66.33 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

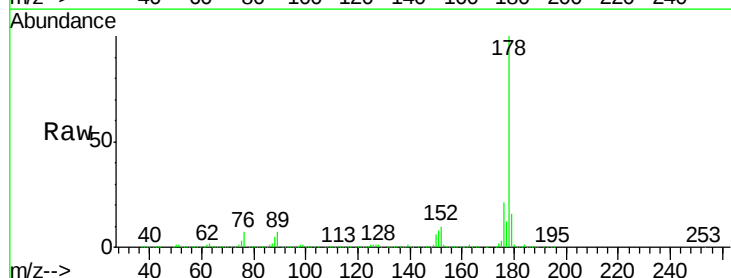
Tgt Ion:178 Resp: 1439592

Ion Ratio Lower Upper

178 100

176 20.6 13.8 20.8

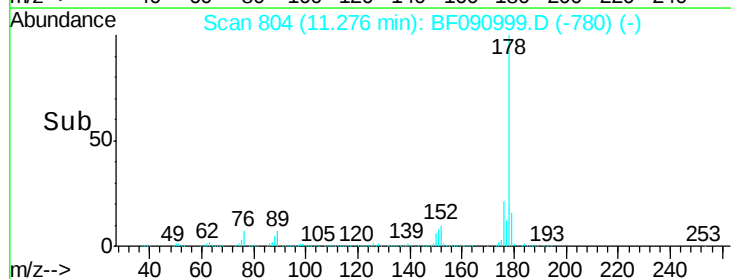
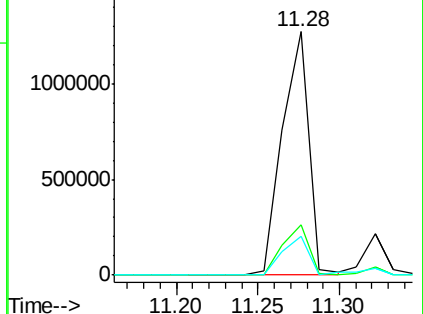
179 15.9 12.2 18.2

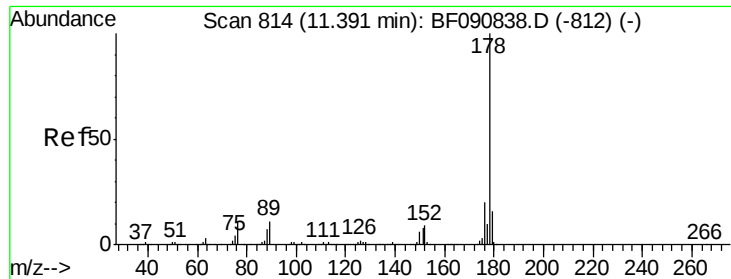


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

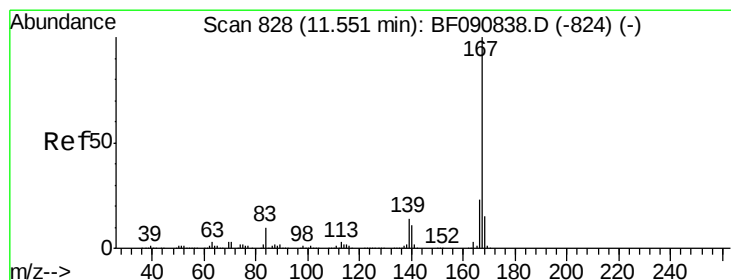
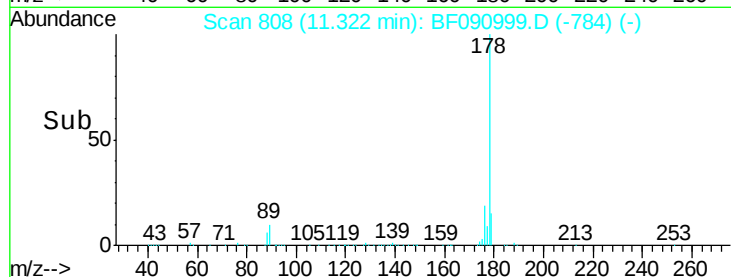
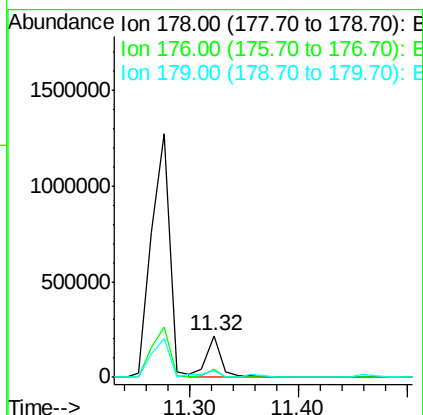
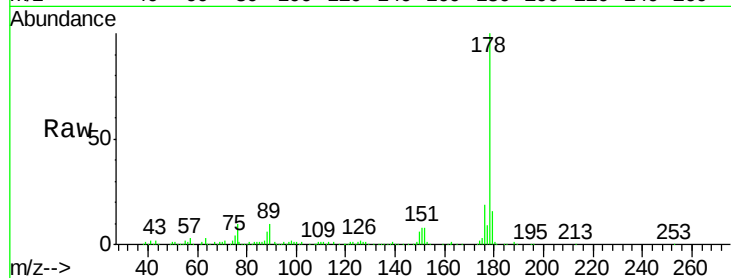




#71
 Anthracene
 Concen: 9.31 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

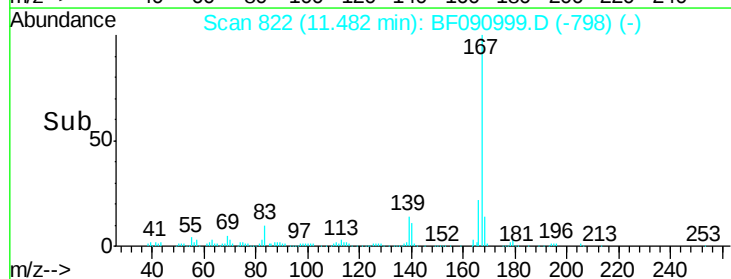
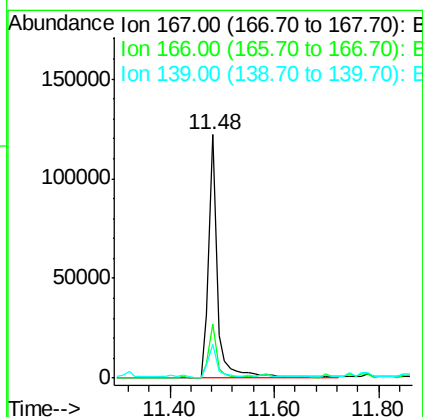
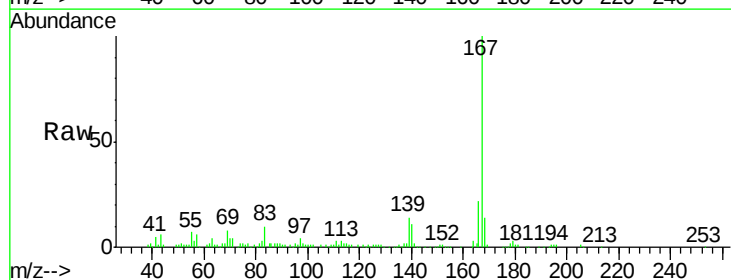
Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0RE

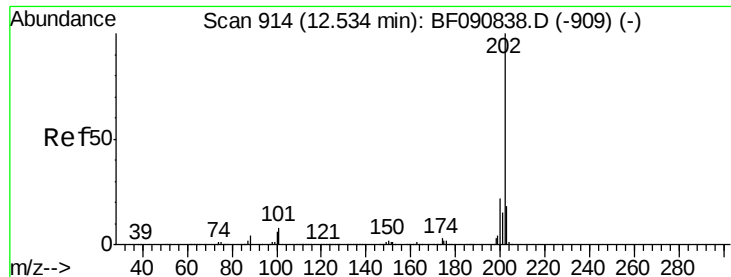
Tgt Ion:178 Resp: 212782
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 6.94 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

Tgt Ion:167 Resp: 140016
 Ion Ratio Lower Upper
 167 100
 166 22.1 15.7 23.5
 139 14.0 9.5 14.3





#74

Fluoranthene

Concen: 58.38 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

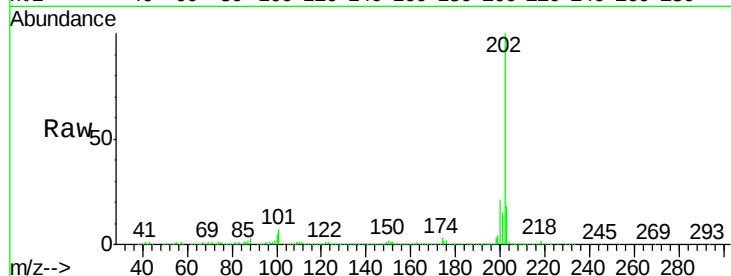
Tgt Ion:202 Resp: 1387613

Ion Ratio Lower Upper

202 100

101 7.4 0.0 38.3

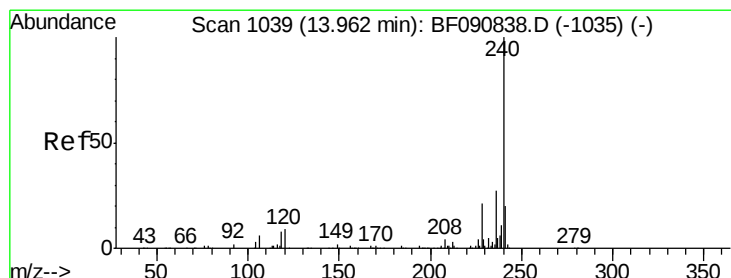
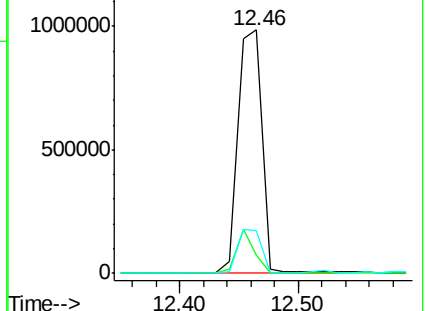
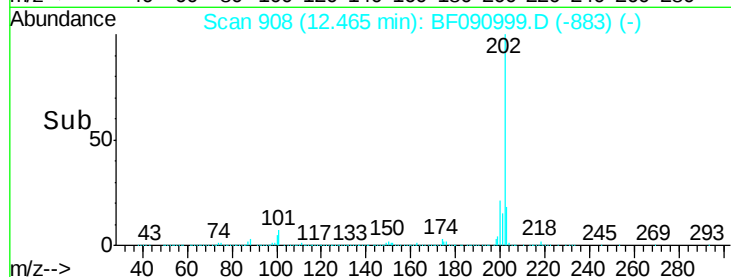
203 17.6 0.0 37.3



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

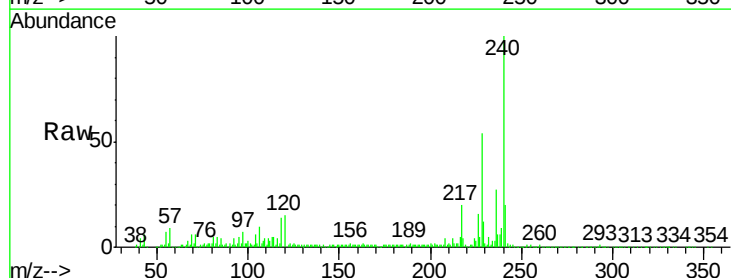
Tgt Ion:240 Resp: 365535

Ion Ratio Lower Upper

240 100

120 14.9 16.2 24.2#

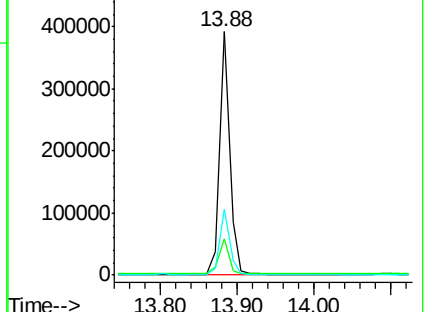
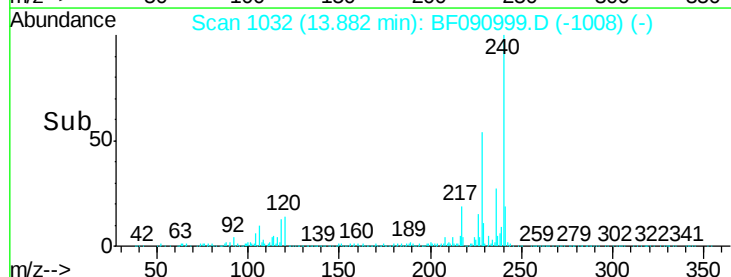
236 27.1 18.4 27.6

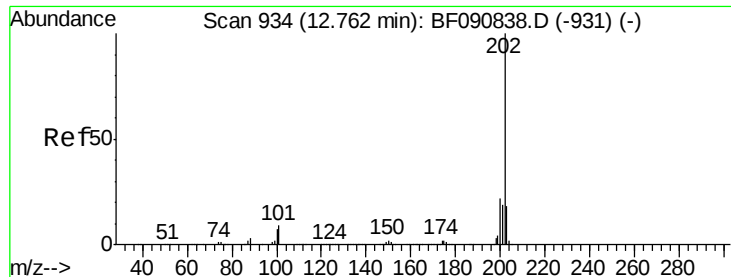


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 59.98 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.24 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

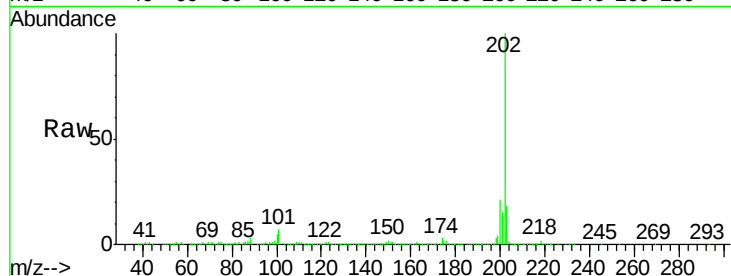
Tgt Ion:202 Resp: 1387613

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

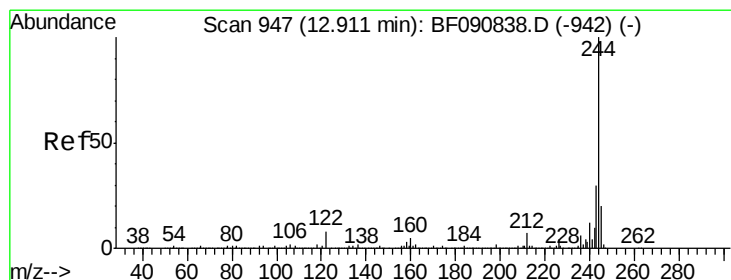
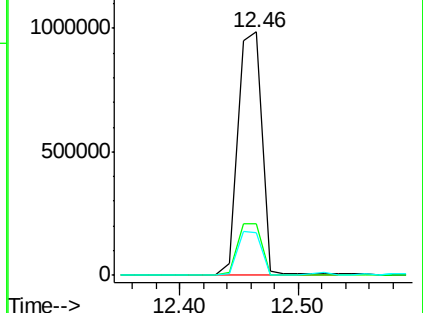
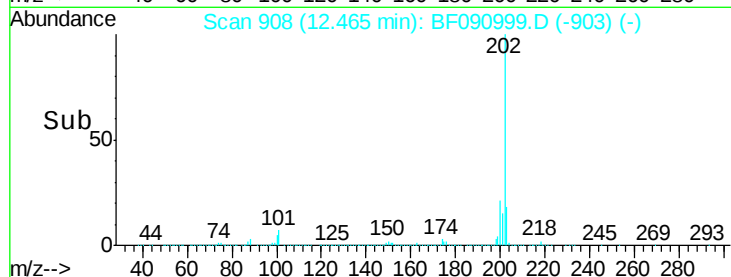
203 17.6 14.1 21.1



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: 94.48 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

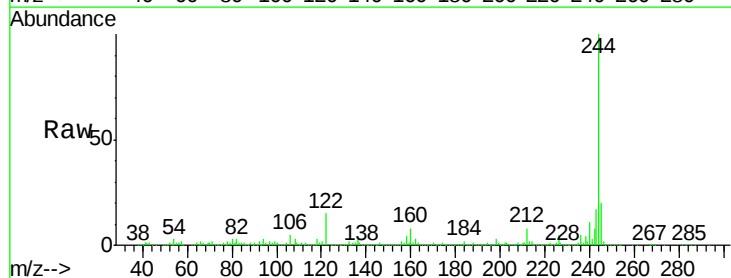
Tgt Ion:244 Resp: 1370805

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

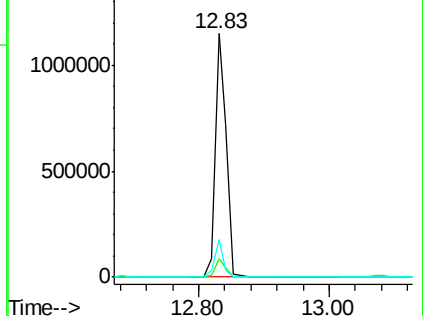
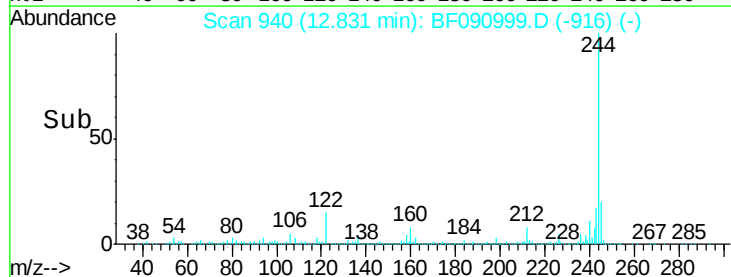
122 15.2 17.4 26.2#

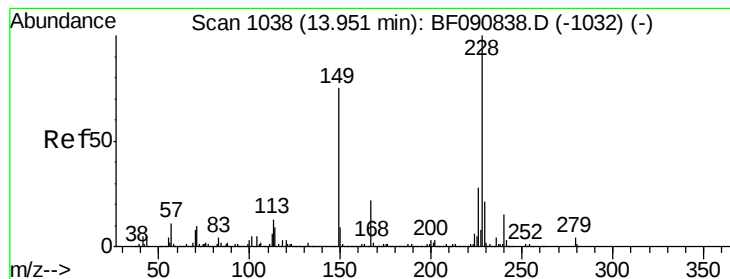


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 30.45 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE

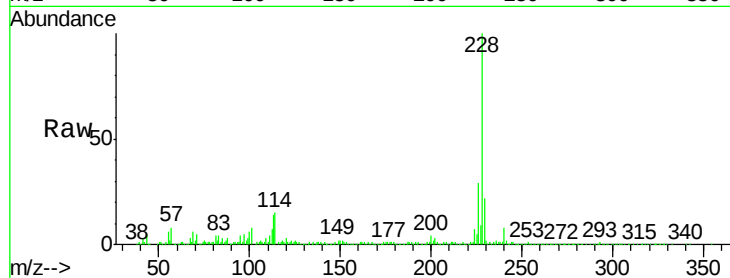
Tgt Ion:228 Resp: 590621

Ion Ratio Lower Upper

228 100

226 29.2 20.0 30.0

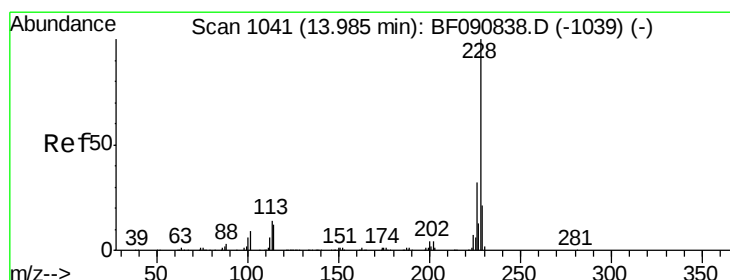
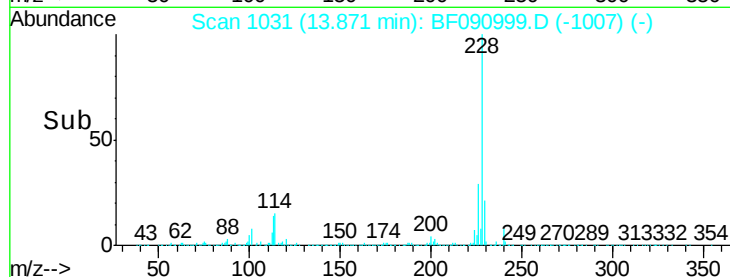
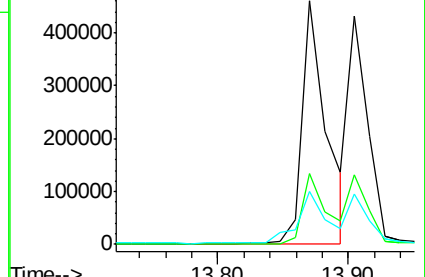
229 21.5 15.4 23.2



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: 22.92 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

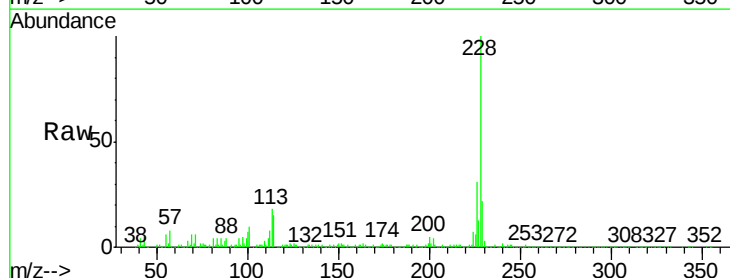
Tgt Ion:228 Resp: 449724

Ion Ratio Lower Upper

228 100

226 30.6 21.0 31.4

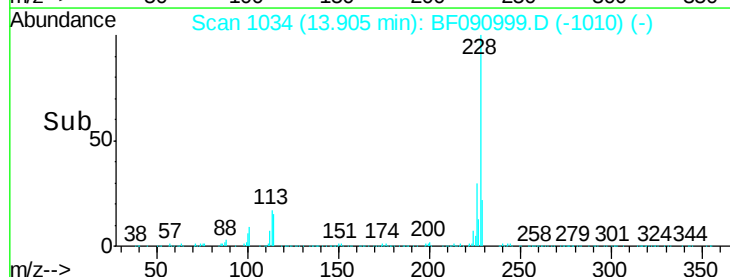
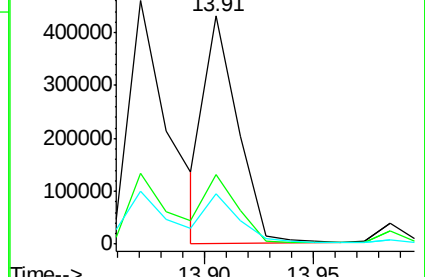
229 22.3 15.6 23.4

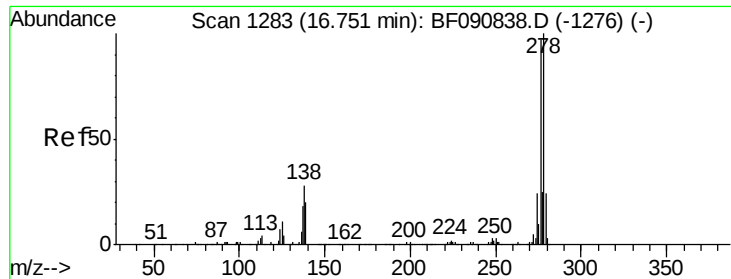


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

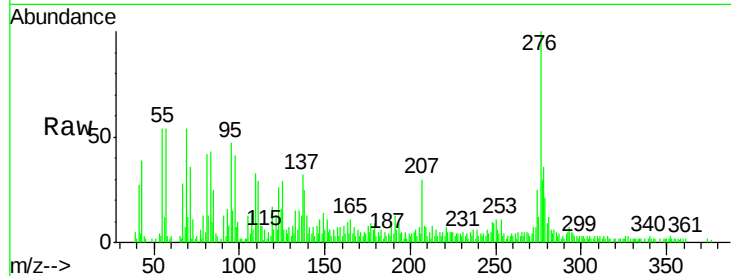




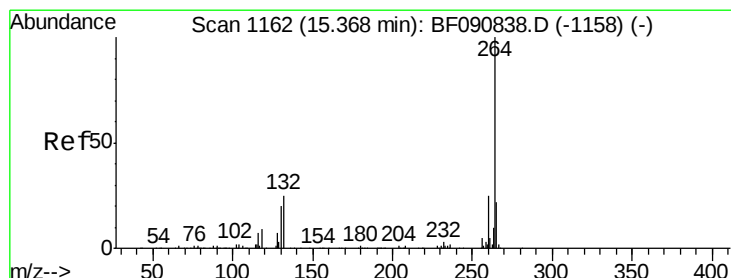
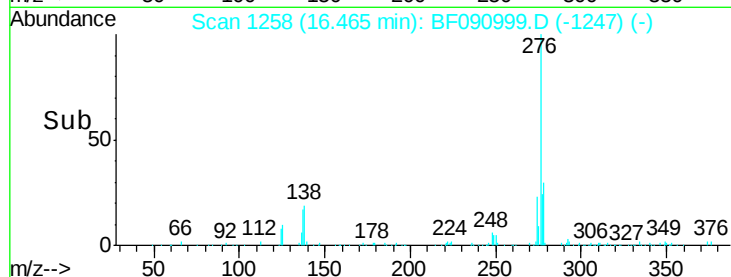
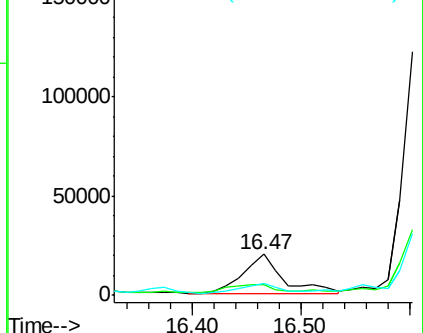
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.89 ng
 RT: 16.47 min Scan# 1258
 Delta R.T. -0.17 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0RE

Tgt Ion: 276 Resp: 50198
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.7 38.5
 277 23.4 15.6 23.4

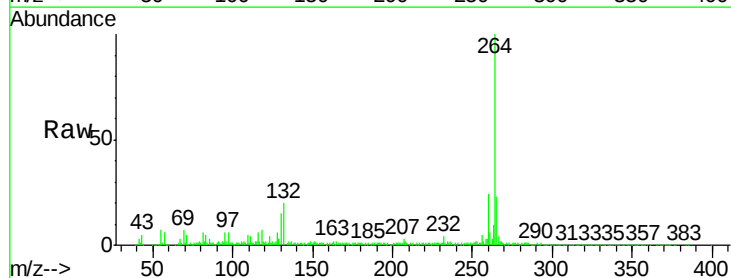


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

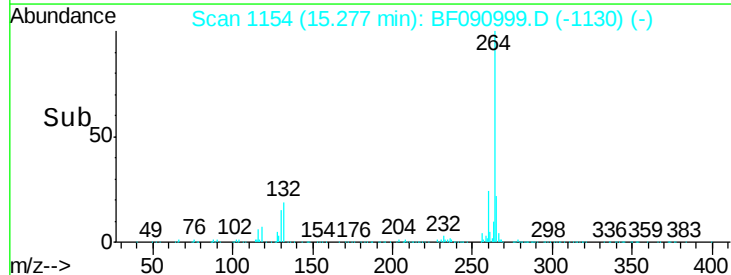
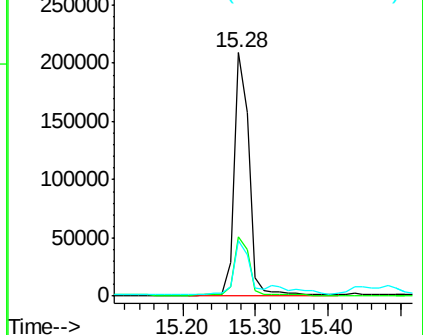


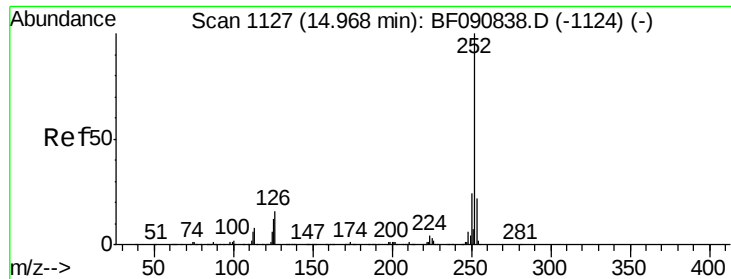
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF090999.D
 Acq: 3 Nov 2016 00:07

Tgt Ion: 264 Resp: 293374
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 22.6 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 41.99 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.02 min

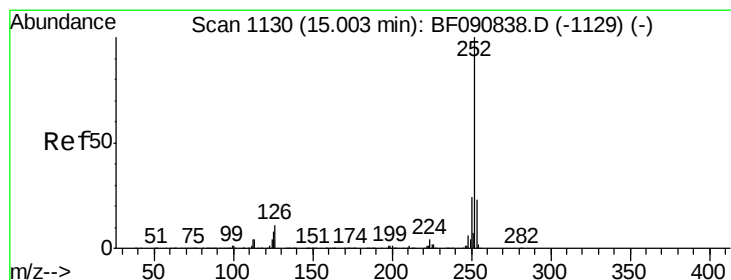
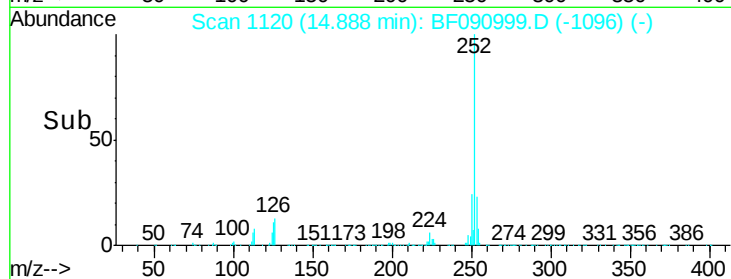
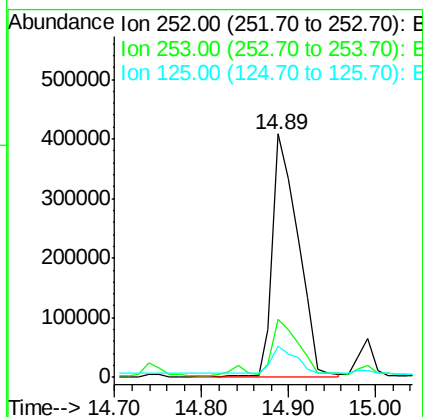
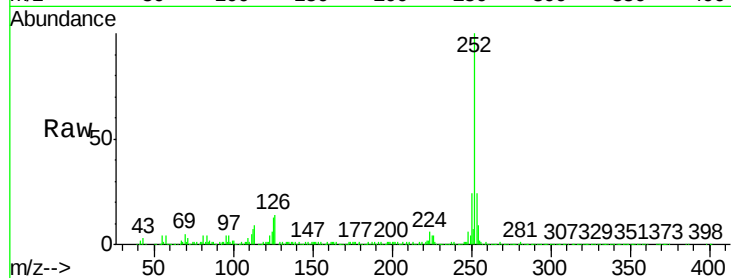
Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

Tgt Ion:252 Resp: 828327

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.5	17.1	25.7#



#88

Benzo(k)fluoranthene

Concen: 53.13 ng

RT: 14.89 min Scan# 1120

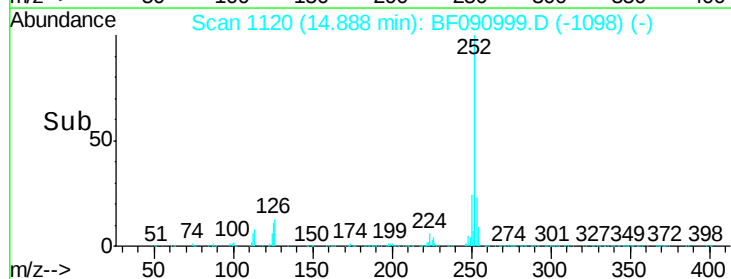
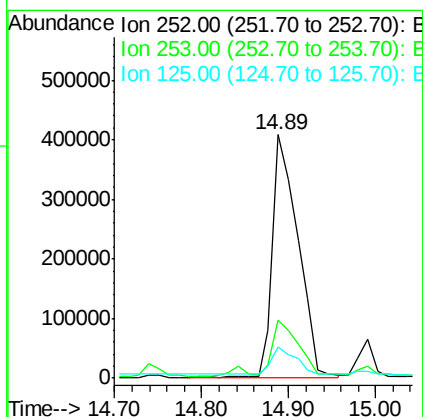
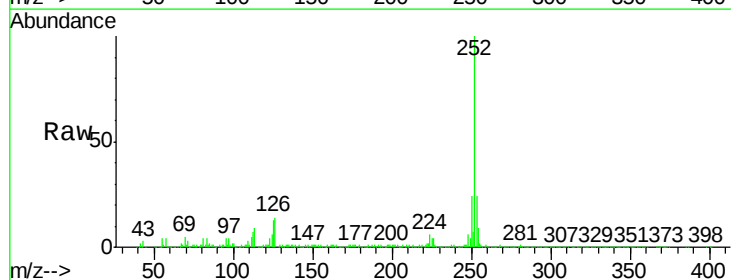
Delta R.T. -0.05 min

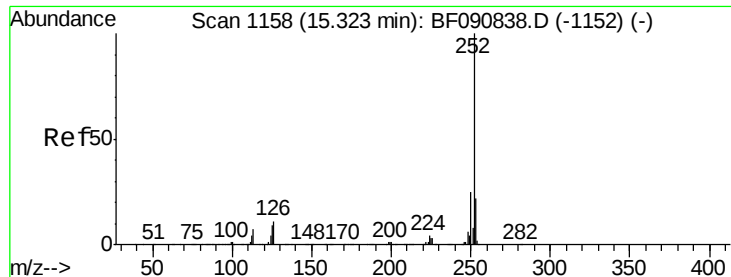
Lab File: BF090999.D

Acq: 3 Nov 2016 00:07

Tgt Ion:252 Resp: 828327

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	12.5	16.0	24.0#

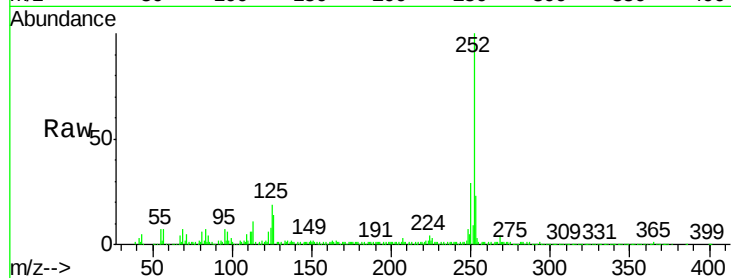




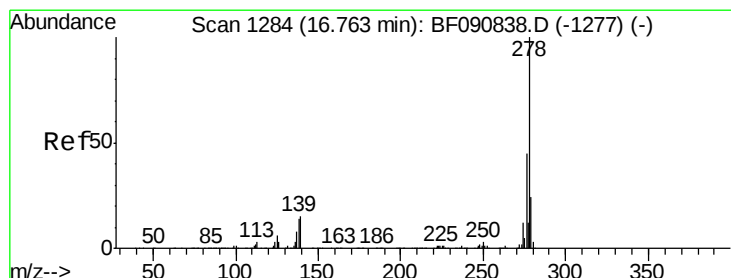
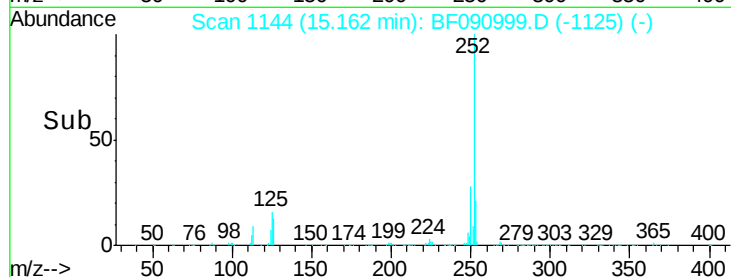
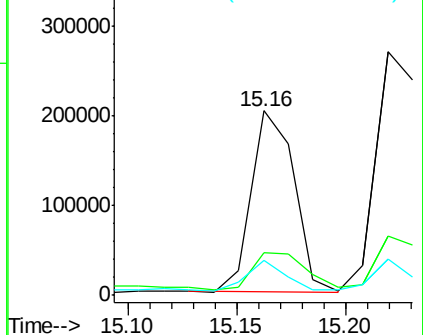
#89
Benzo(a)pyrene
Concen: 16.23 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.08 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

Tgt Ion: 252 Resp: 275041
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 19.2 18.0 27.0

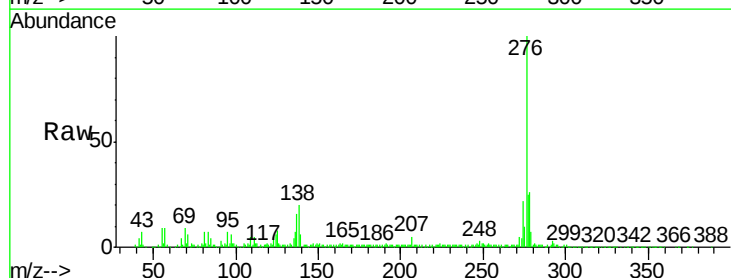


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

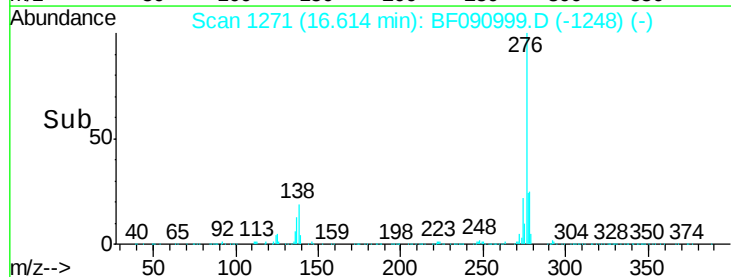
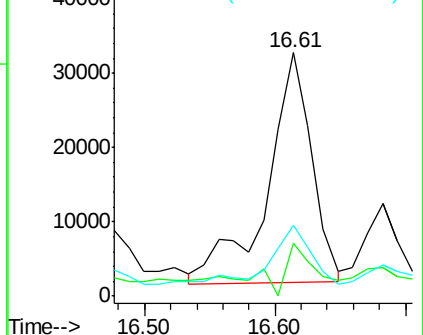


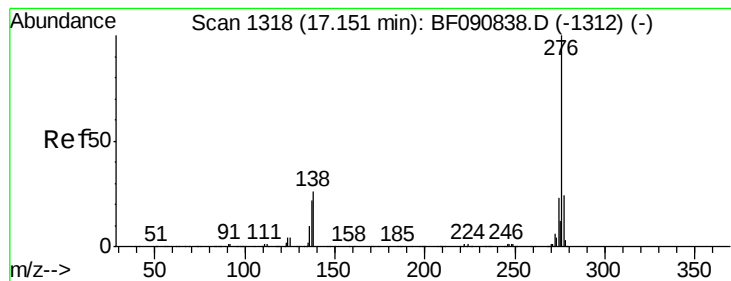
#90
Dibenzo(a,h)anthracene
Concen: 5.16 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion: 278 Resp: 73982
Ion Ratio Lower Upper
278 100
139 21.8 26.3 39.5#
279 29.0 18.2 27.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 16.20 ng

RT: 17.00 min Scan# 1305

Delta R.T. -0.03 min

Lab File: BF090999.D

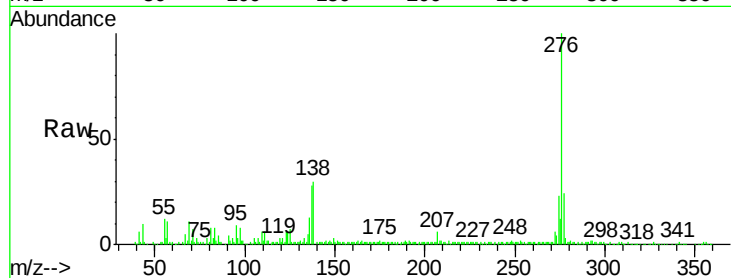
Acq: 3 Nov 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0RE



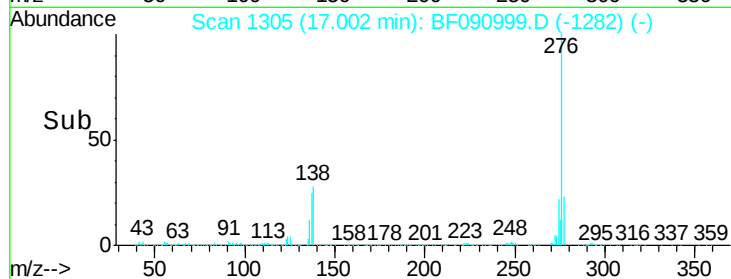
Tgt Ion: 276 Resp: 218978

Ion Ratio Lower Upper

276 100

277 24.5 17.8 26.6

138 29.5 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

