

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090266.D
 Acq On : 27 Sep 2016 21:49
 Operator : UM/SJ
 Sample : H4949-05 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3-1-LOC-3(0-5)

Quant Time: Sep 28 00:44:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	29258	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.50	164	209361	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	285626	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	225868	20.00	ng	-0.01
86) Perylene-d12	14.91	264	223705	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	59108	32.93	ng	0.00
7) Phenol-d6	6.12	99	85238	38.45	ng	-0.01
23) Nitrobenzene-d5	7.04	82	50844	0.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	14236	7.93	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	96508	9.05	ng	-0.02
78) Terphenyl-d14	12.55	244	60739	6.83	ng	-0.01

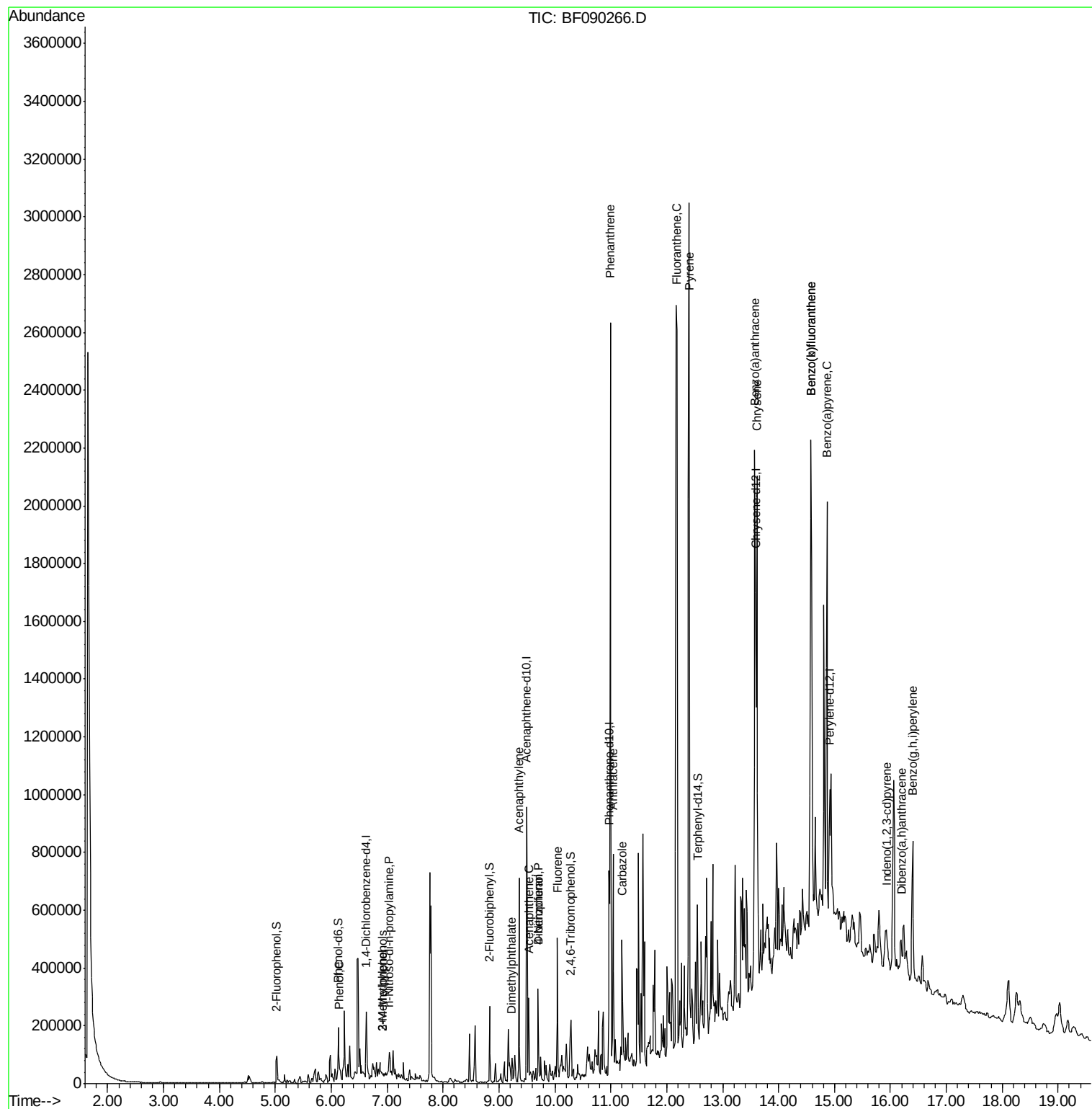
Target Compounds				Qvalue		
10) Phenol	6.14	94	9281	3.54	ng	83
17) 2-Methylphenol	6.92	107	12426	7.64	ng	# 81
19) n-Nitroso-di-n-propylamine	7.04	70	8739	6.71	ng	# 84
20) 3+4-Methylphenols	6.92	107	12640	6.47	ng	96
48) Acenaphthylene	9.36	152	287654	16.03	ng	98
49) Dimethylphthalate	9.23	163	31551	2.37	ng	98
51) Acenaphthene	9.53	154	60181	5.65	ng	98
54) Dibenzofuran	9.70	168	116482	8.31	ng	98
55) 4-Nitrophenol	9.70	139	43992	18.43	ng	# 19
57) Fluorene	10.04	166	164969	15.62	ng	99
70) Phenanthrene	10.99	178	1251318	93.68	ng	99
71) Anthracene	11.04	178	363657	25.96	ng	98
72) Carbazole	11.20	167	239161	16.15	ng	98
74) Fluoranthene	12.18	202	1718110	119.83	ng	92
77) Pyrene	12.40	202	1315282	85.10	ng	99
80) Benzo(a)anthracene	13.58	228	959840	78.99	ng	94
82) Chrysene	13.61	228	659683	55.73	ng	97
85) Indeno(1,2,3-cd)pyrene	15.93	276	88296	9.23	ng	93
87) Benzo(b)fluoranthene	14.58	252	1378033	111.24	ng	96
88) Benzo(k)fluoranthene	14.58	252	1378033	118.53	ng	# 96
89) Benzo(a)pyrene	14.87	252	683413	58.65	ng	96
90) Dibenz(a,h)anthracene	16.19	278	88371	9.72	ng	94
91) Benzo(g,h,i)perylene	16.40	276	361873	40.66	ng	95

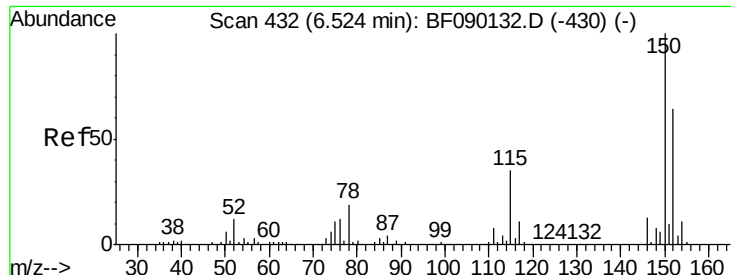
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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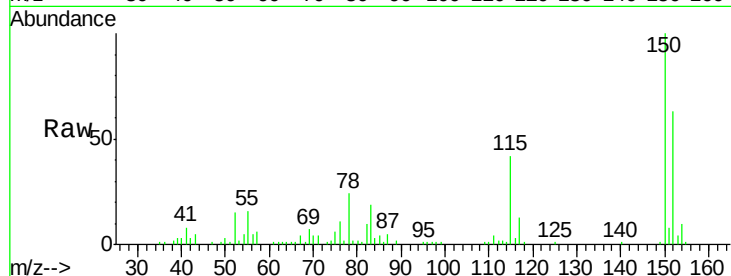


#1

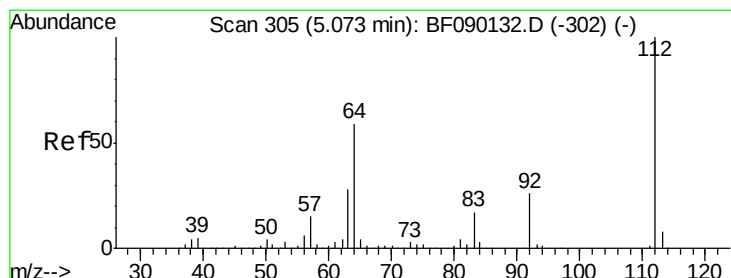
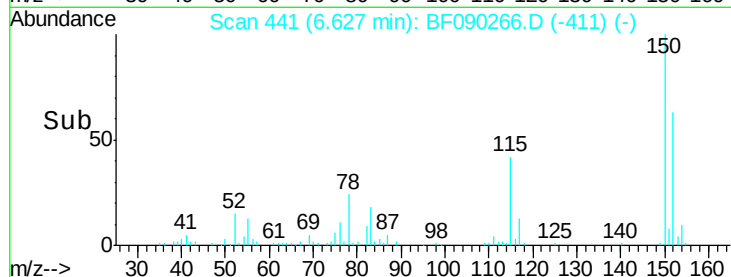
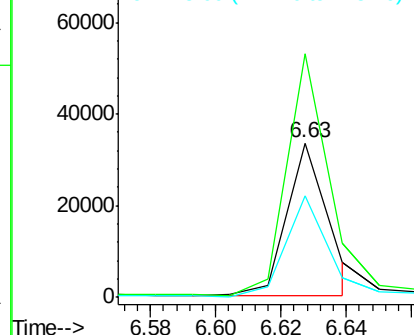
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.15 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

Instrument :
BNA_F
ClientSampleId :
S-3-1-LOC-3(0-5)

Tgt Ion:152 Resp: 29258
Ion Ratio Lower Upper
152 100
150 157.5 128.9 193.3
115 65.6 55.5 83.3



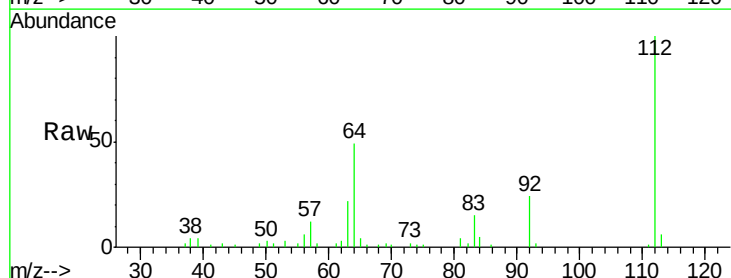
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



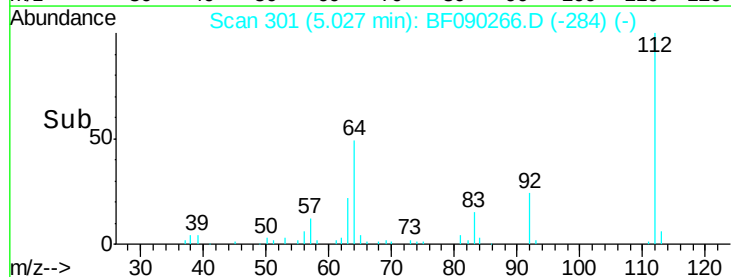
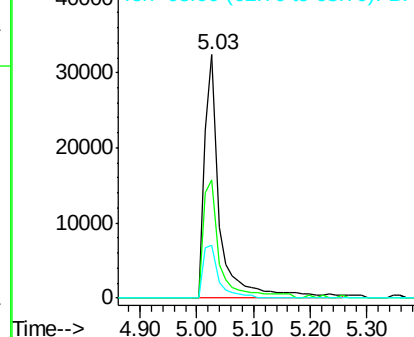
#5

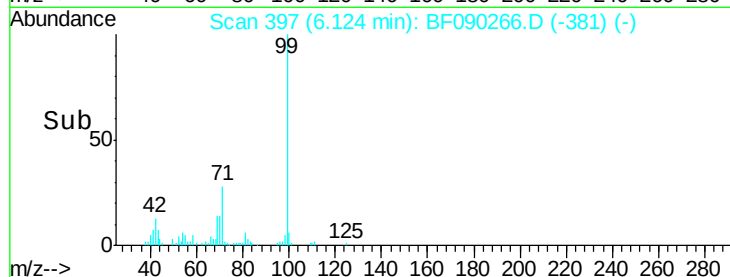
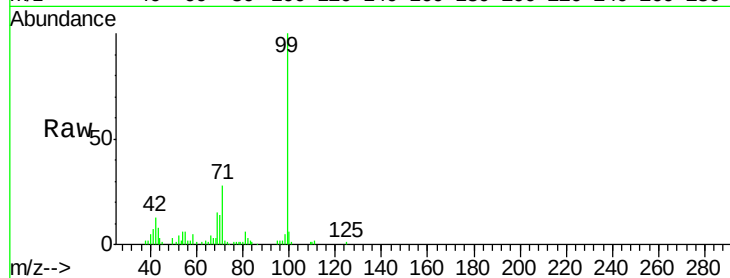
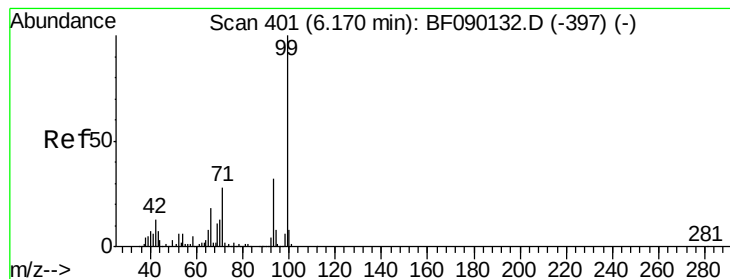
2-Fluorophenol
Concen: 32.93 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

Tgt Ion:112 Resp: 59108
Ion Ratio Lower Upper
112 100
64 48.7 39.8 59.6
63 21.8 18.9 28.3



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: 38.45 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

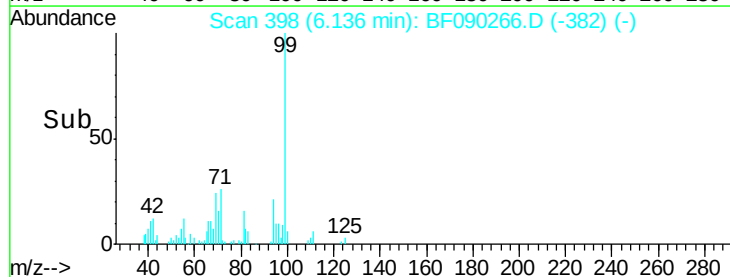
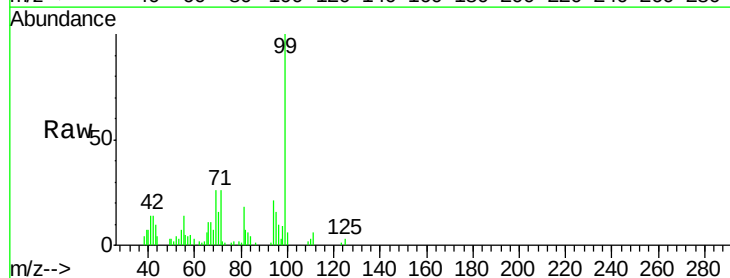
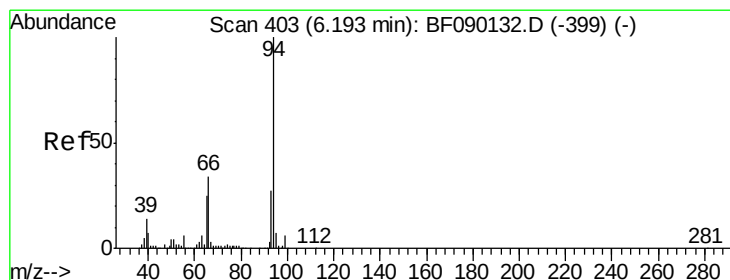
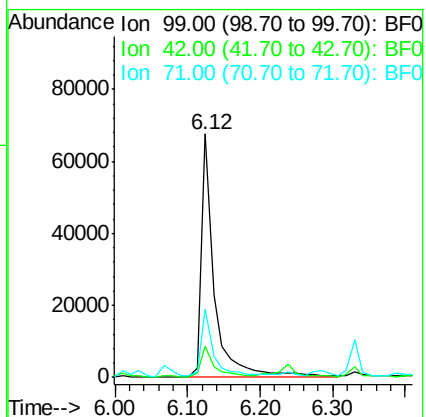
Tgt Ion: 99 Resp: 85238

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

71 28.1 23.0 34.6



#10

Phenol

Concen: 3.54 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

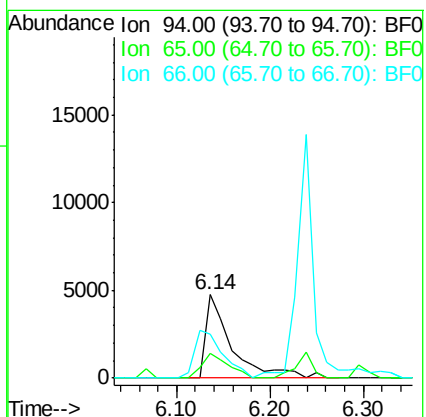
Tgt Ion: 94 Resp: 9281

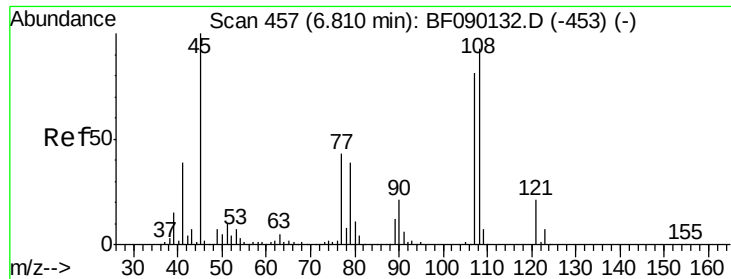
Ion Ratio Lower Upper

94 100

65 29.7 20.6 60.6

66 52.1 45.1 85.1





#17

2-Methylphenol

Concen: 7.64 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.16 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

Tgt Ion:107 Resp: 12426

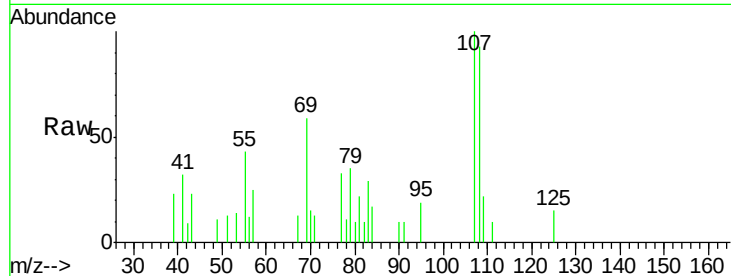
Ion Ratio Lower Upper

107 100

108 92.5 92.0 138.0

77 32.7 35.6 53.4#

79 34.9 35.2 52.8#

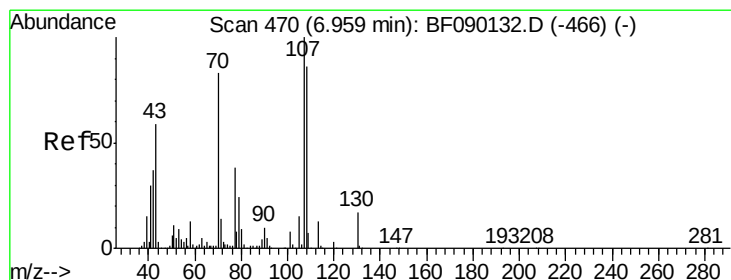
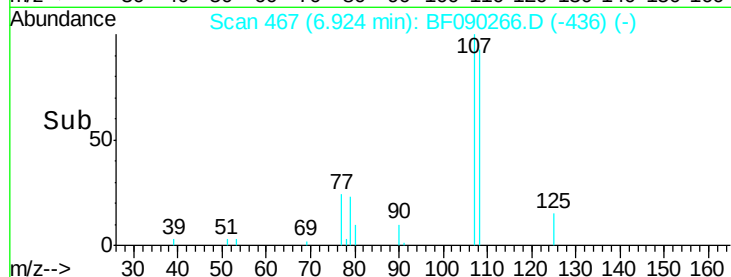
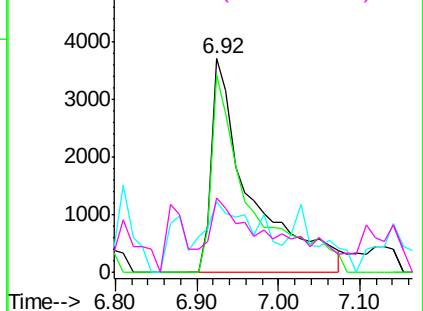


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 6.71 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.13 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Tgt Ion: 70 Resp: 8739

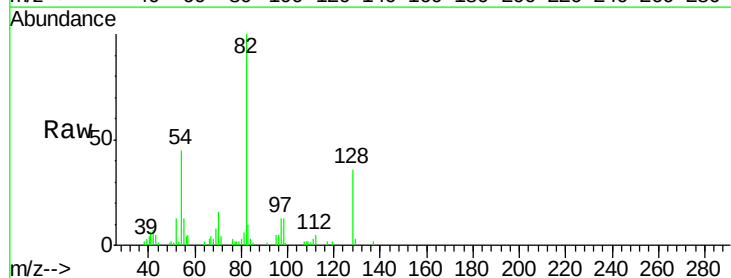
Ion Ratio Lower Upper

70 100

42 43.4 35.1 52.7

101 0.0 7.5 11.3#

130 0.0 16.6 25.0#

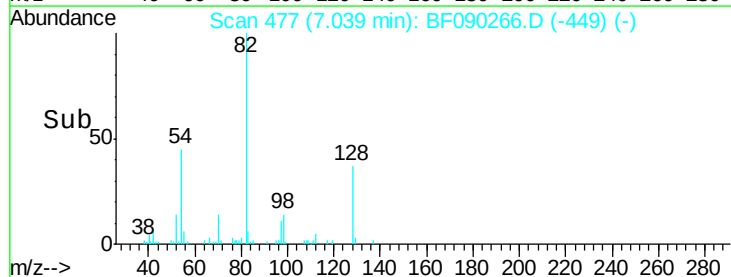
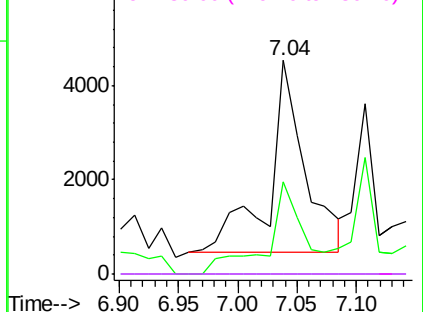


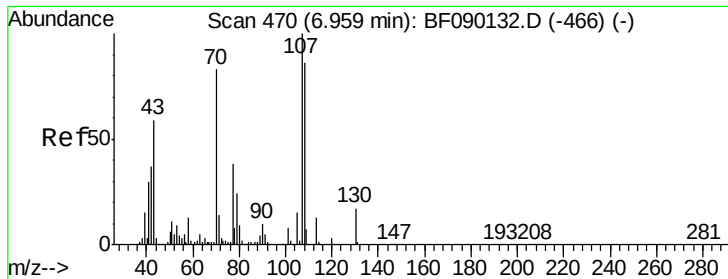
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 6.47 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

Tgt Ion:107 Resp: 12640

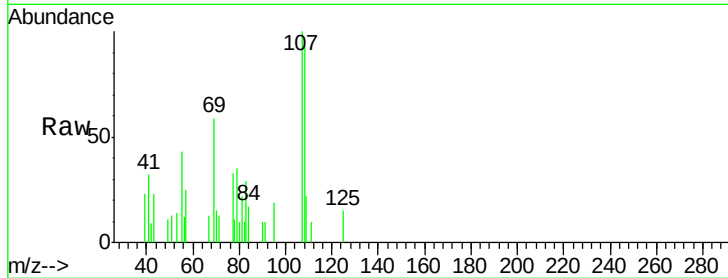
Ion Ratio Lower Upper

107 100

108 92.5 73.3 113.3

77 32.7 14.1 54.1

79 34.9 7.5 47.5

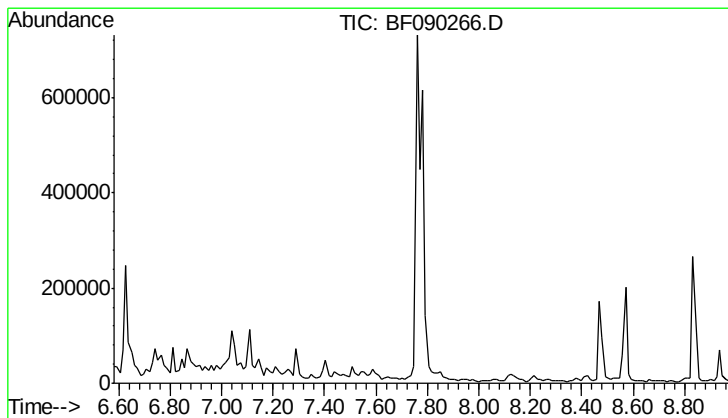
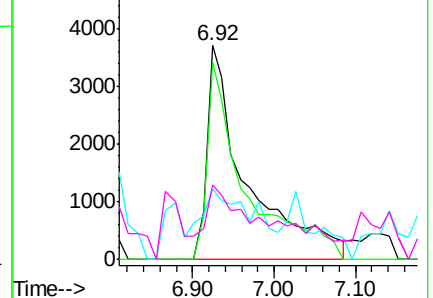
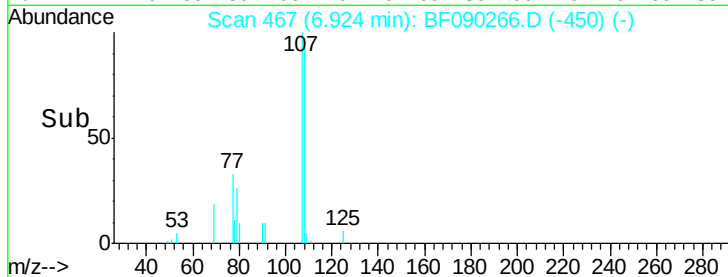


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 7.77 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Tgt Ion: 136

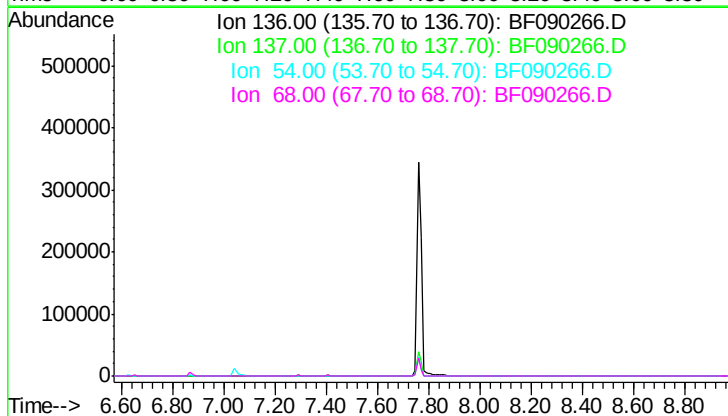
Sig Exp Ratio

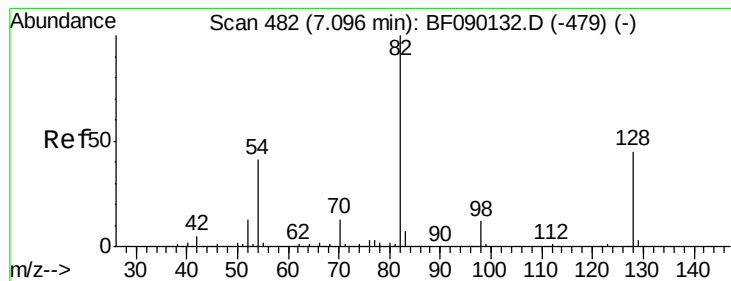
136 100

137 11.2

54 8.0

68 7.9





#23

Nitrobenzene-d5

Concen: 0.00 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

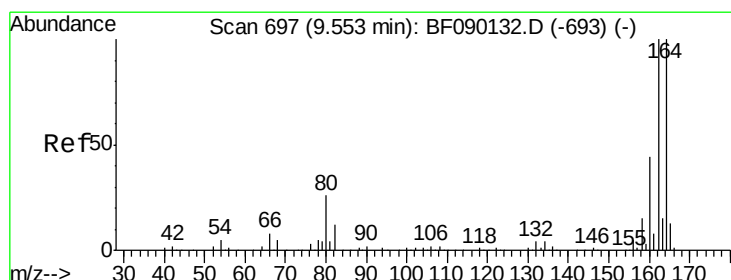
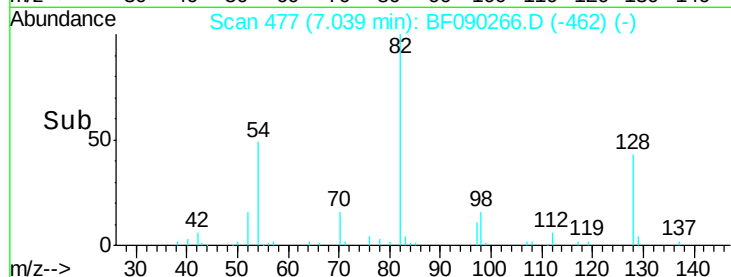
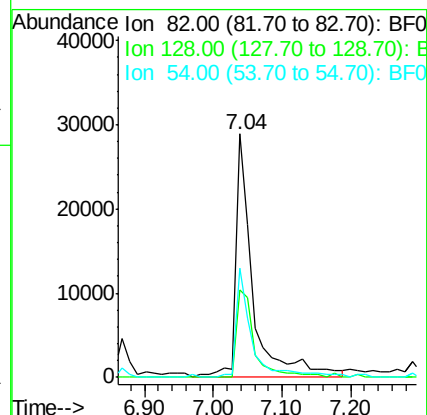
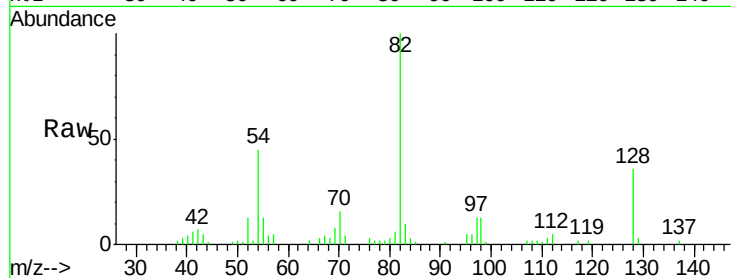
Tgt Ion: 82 Resp: 50844

Ion Ratio Lower Upper

82 100

128 36.0 37.5 56.3#

54 44.7 31.9 47.9



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

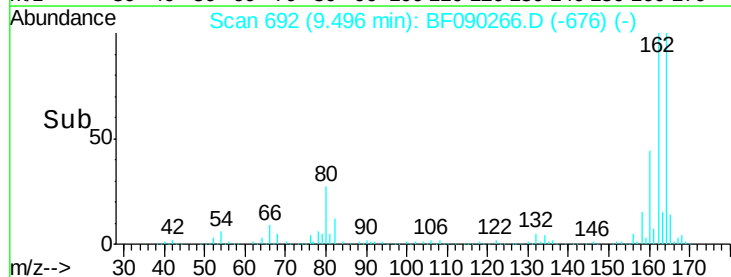
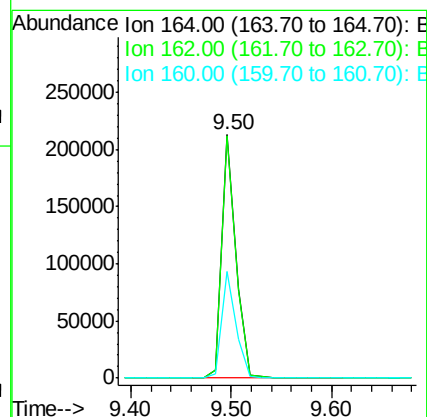
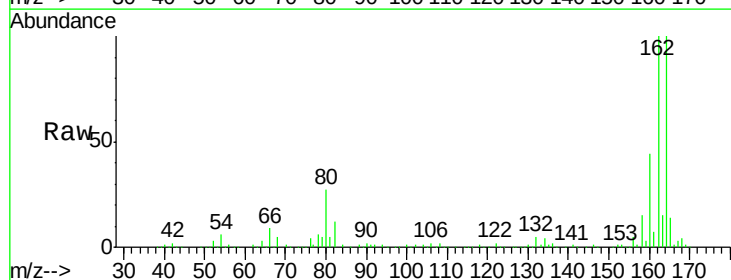
Tgt Ion: 164 Resp: 209361

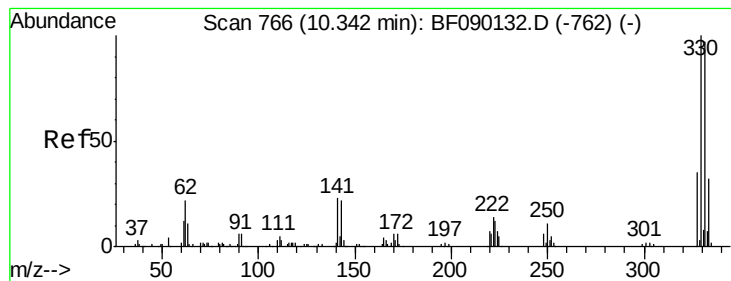
Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.2

160 43.6 36.6 54.8

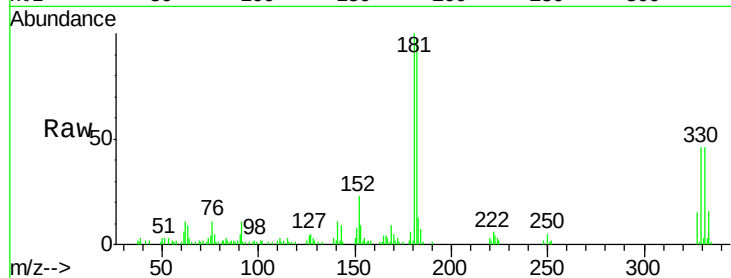




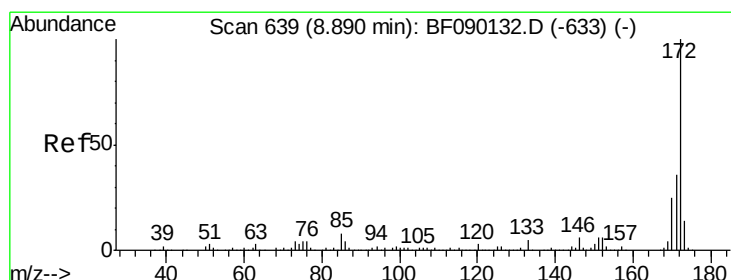
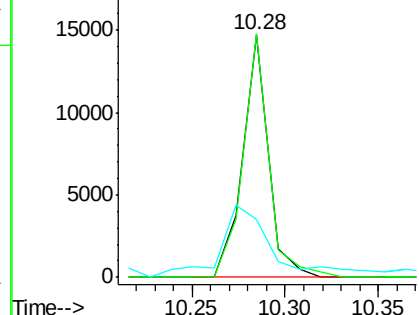
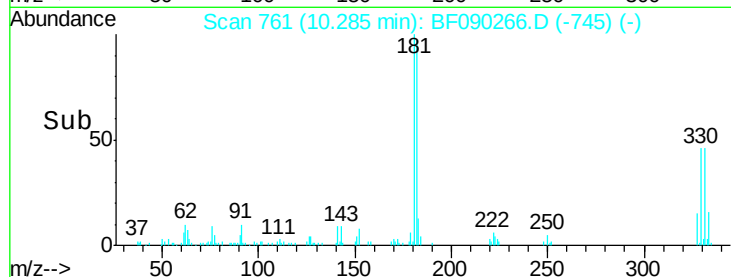
#41
 2,4,6-Tribromophenol
 Concen: 7.93 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090266.D
 Acq: 27 Sep 2016 21:49

Instrument :
 BNA_F
 ClientSampleId :
 S-3-1-LOC-3(0-5)

Tgt Ion: 330 Resp: 14236
 Ion Ratio Lower Upper
 330 100
 332 100.8 78.1 117.1
 141 66.8 23.9 35.9#

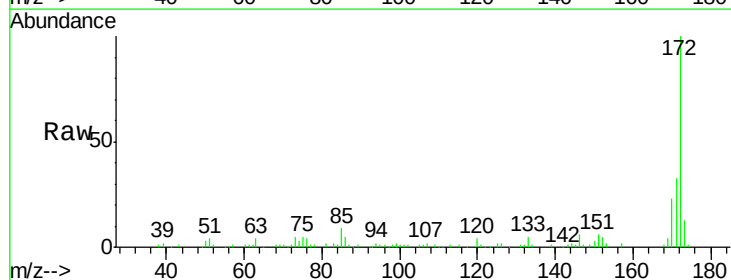


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

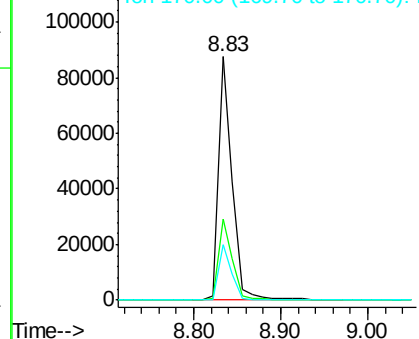
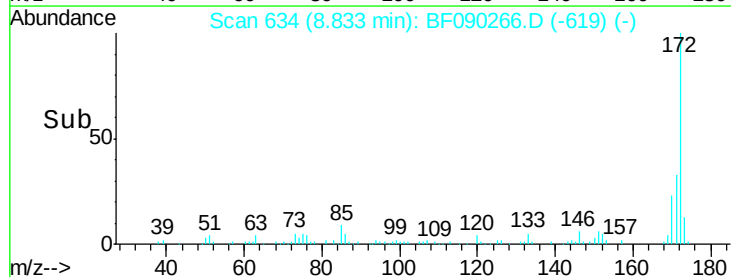


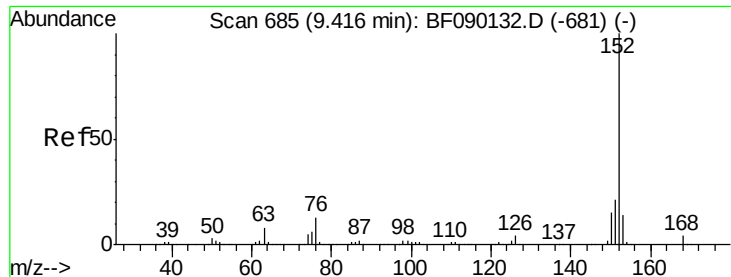
#44
 2-Fluorobiphenyl
 Concen: 9.05 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090266.D
 Acq: 27 Sep 2016 21:49

Tgt Ion: 172 Resp: 96508
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.2 43.8
 170 22.7 19.8 29.8



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





#48

Acenaphthylene

Concen: 16.03 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

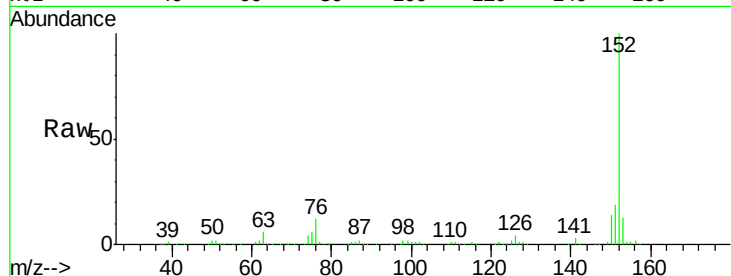
Tgt Ion:152 Resp: 287654

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7

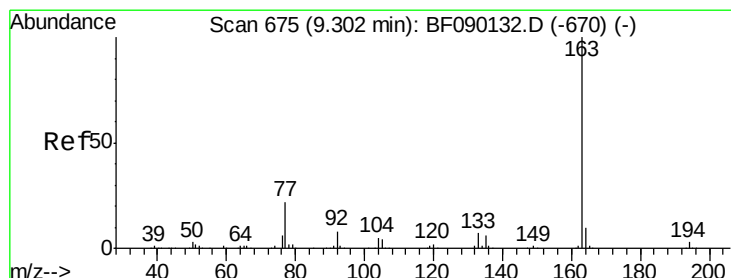
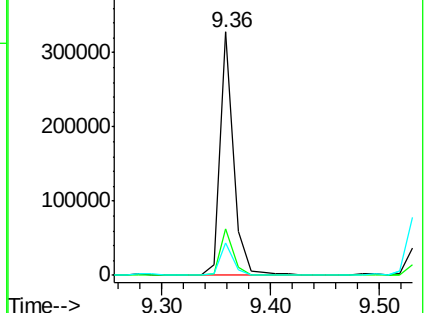
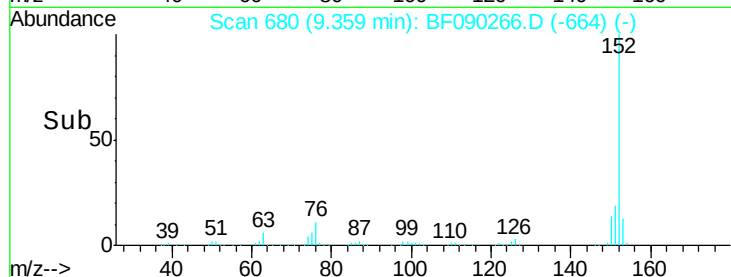
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.37 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

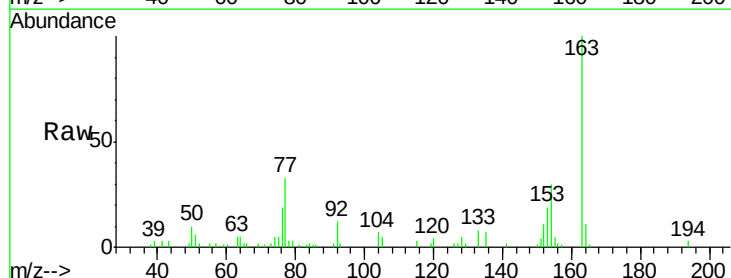
Tgt Ion:163 Resp: 31551

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

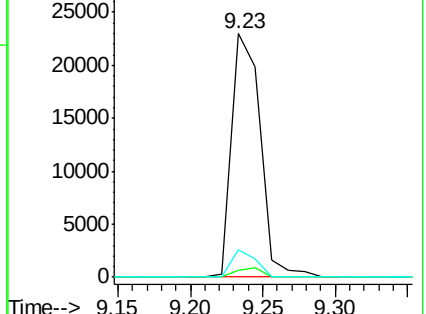
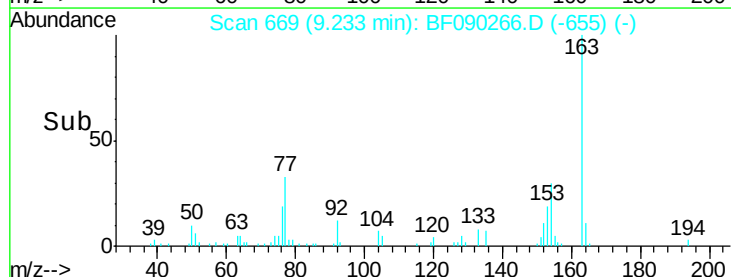
164 11.0 8.1 12.1

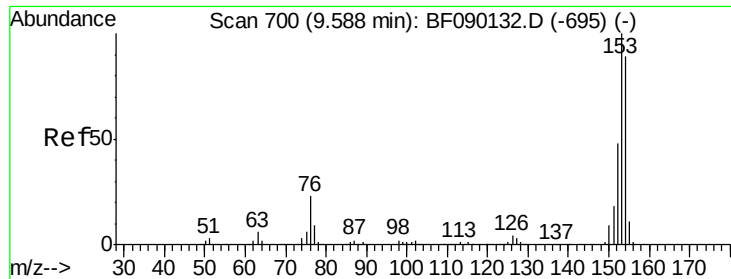


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 5.65 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

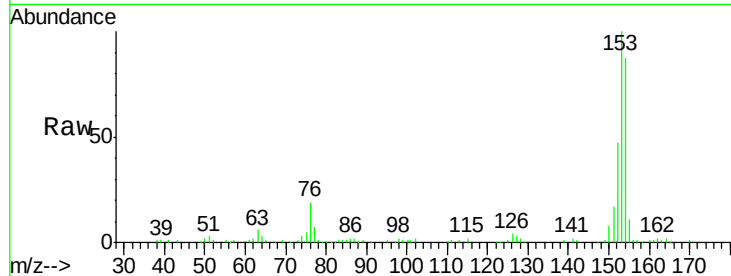
Tgt Ion:154 Resp: 60181

Ion Ratio Lower Upper

154 100

153 115.5 90.8 136.2

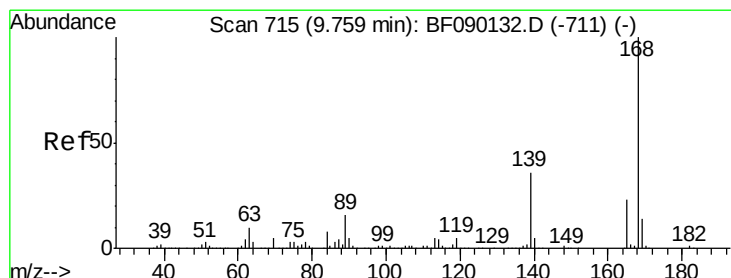
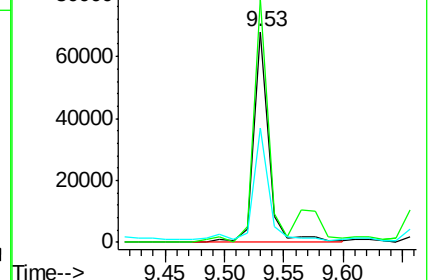
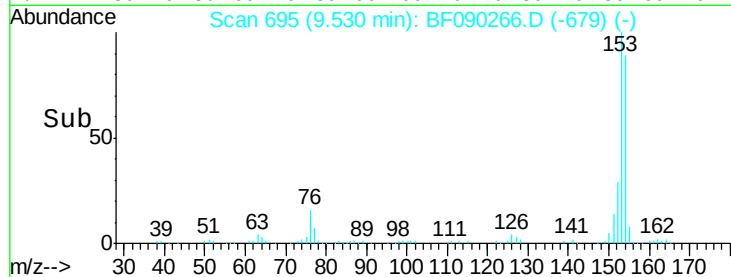
152 53.9 44.2 66.4



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: 8.31 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

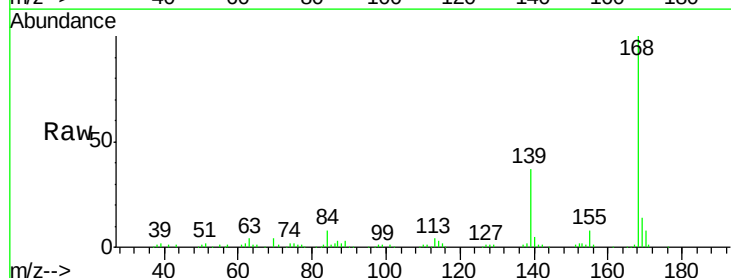
Tgt Ion:168 Resp: 116482

Ion Ratio Lower Upper

168 100

139 37.3 28.8 43.2

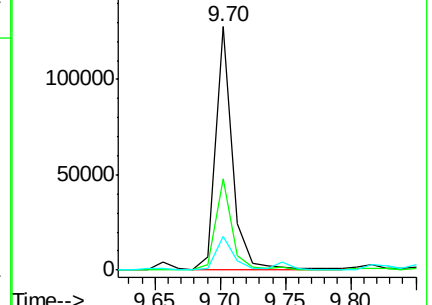
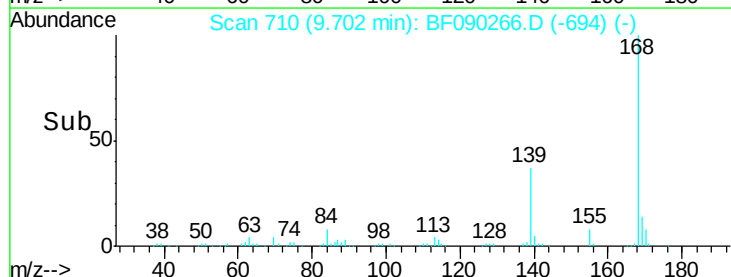
169 14.1 10.7 16.1

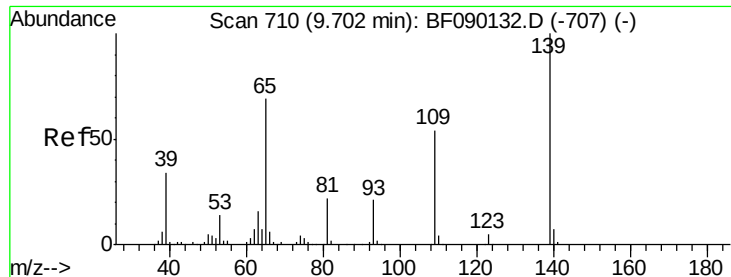


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

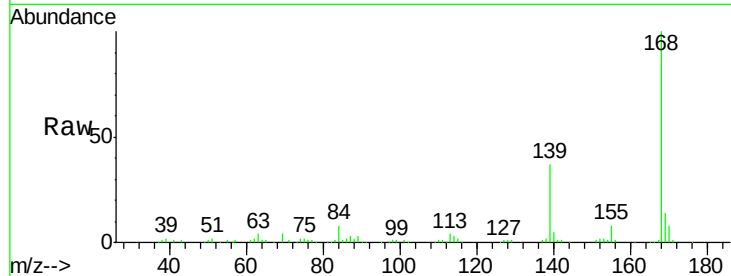




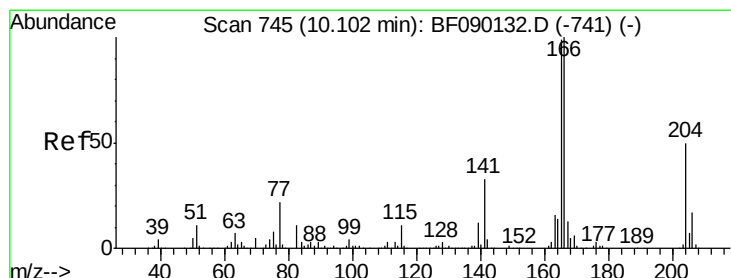
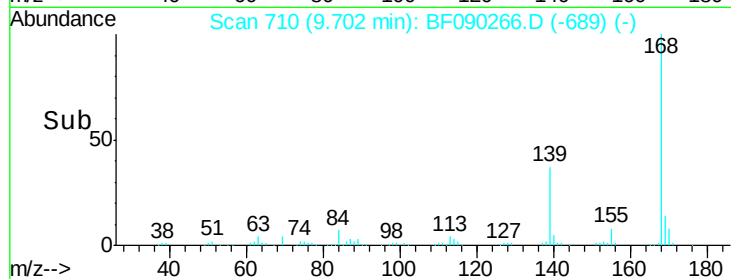
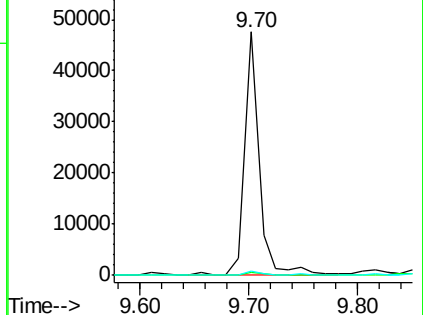
#55
4-Nitrophenol
Concen: 18.43 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.05 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

Instrument :
BNA_F
ClientSampleId :
S-3-1-LOC-3(0-5)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.2	35.6	75.6#
65	1.7	55.5	95.5#

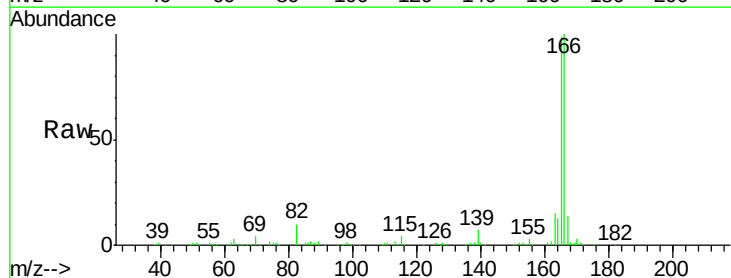


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

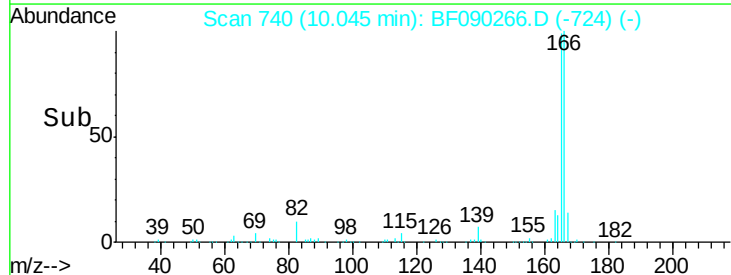
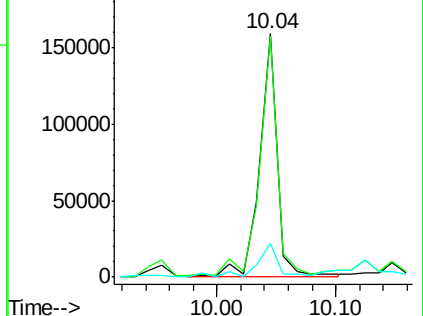


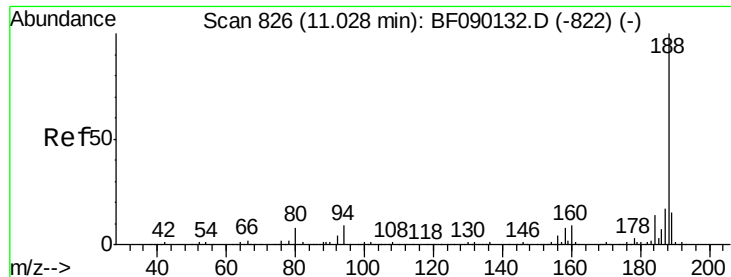
#57
Fluorene
Concen: 15.62 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	14.1	11.2	16.8



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

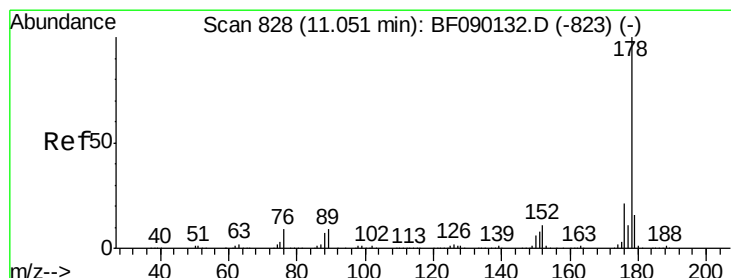
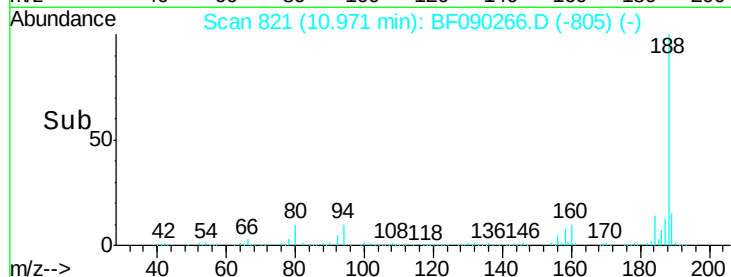
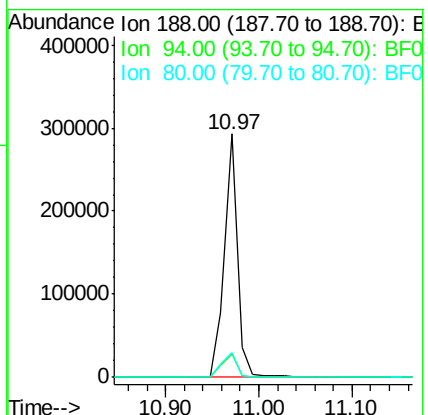
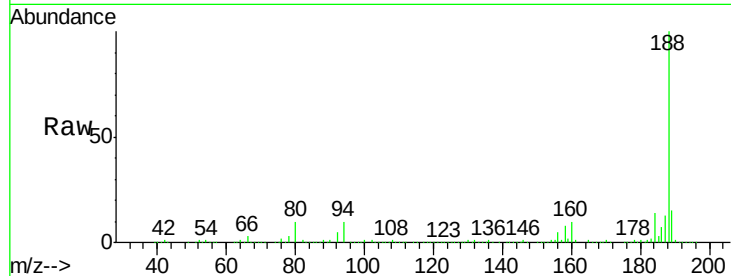




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

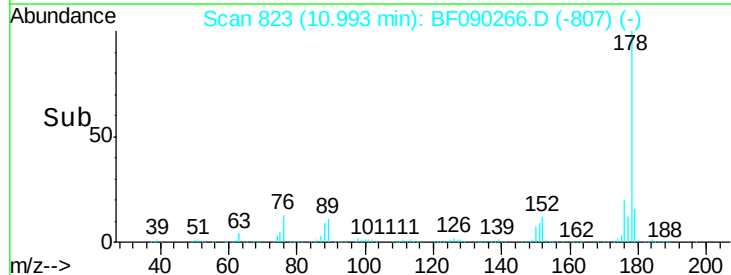
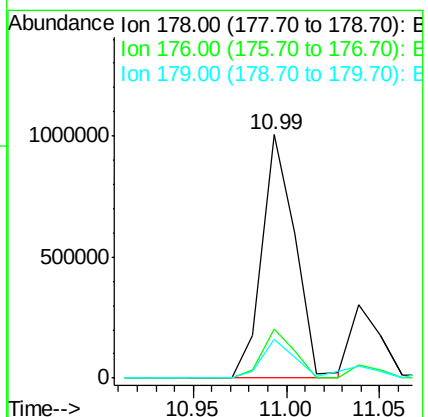
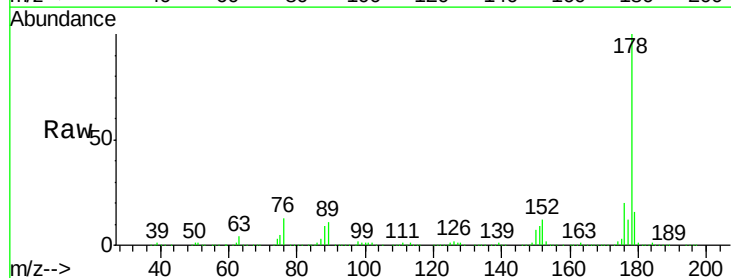
Instrument :
BNA_F
ClientSampleId :
S-3-1-LOC-3(0-5)

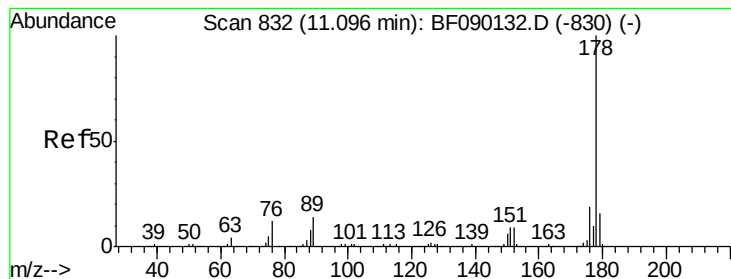
Tgt Ion:188 Resp: 285626
Ion Ratio Lower Upper
188 100
94 9.6 10.5 15.7#
80 10.1 11.2 16.8#



#70
Phenanthrene
Concen: 93.68 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090266.D
Acq: 27 Sep 2016 21:49

Tgt Ion:178 Resp: 1251318
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.2 12.9 19.3





#71

Anthracene

Concen: 25.96 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

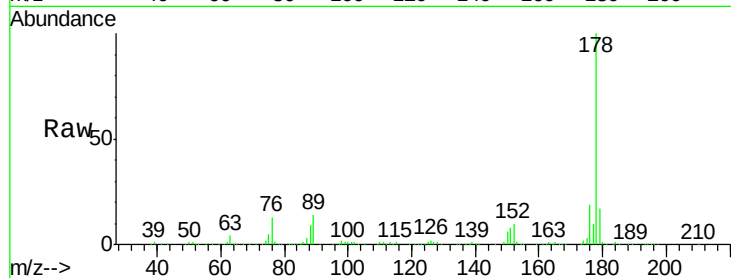
Tgt Ion:178 Resp: 363657

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

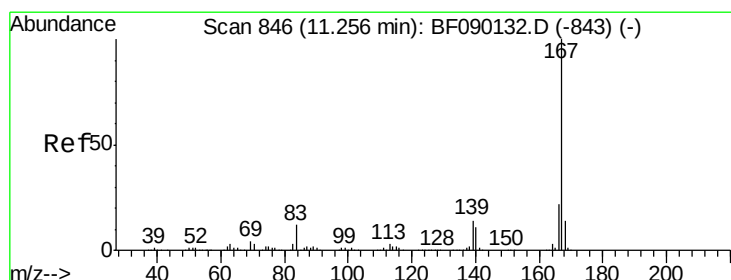
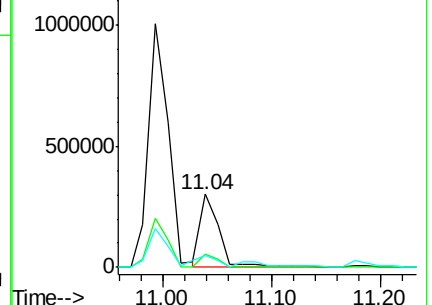
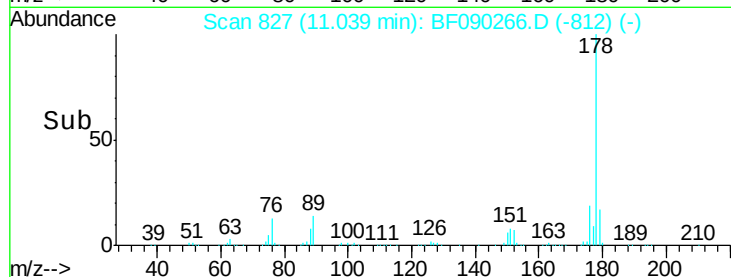
179 16.8 12.6 19.0



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



#72

Carbazole

Concen: 16.15 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

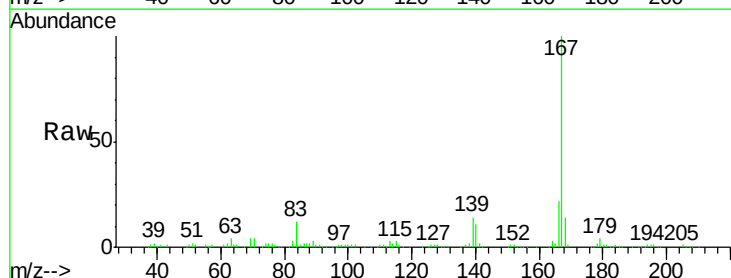
Tgt Ion:167 Resp: 239161

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

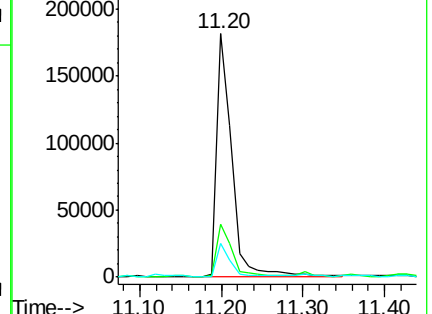
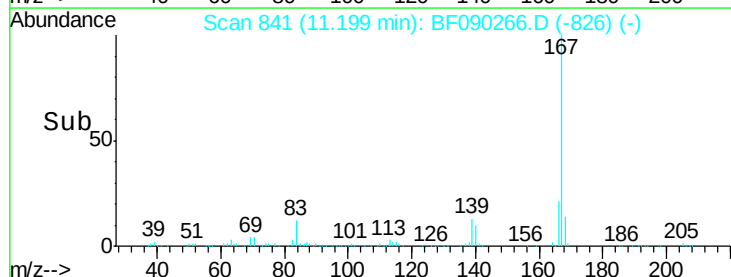
139 14.1 10.4 15.6

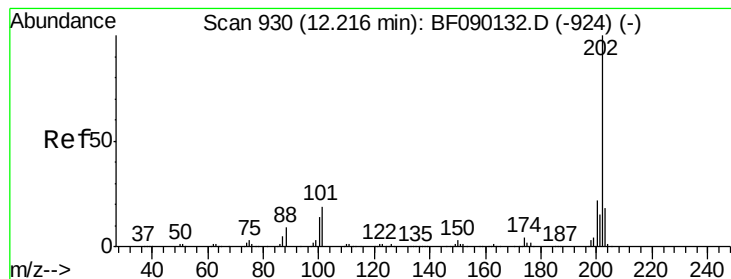


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 119.83 ng

RT: 12.18 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

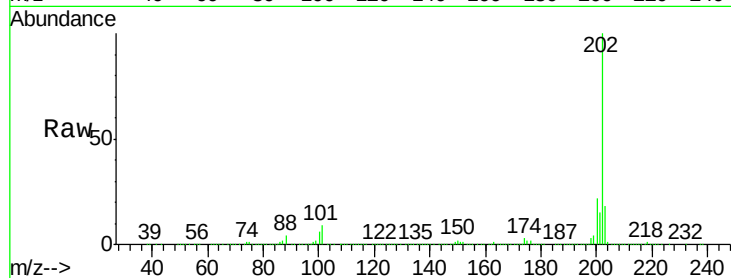
Tgt Ion:202 Resp: 1718110

Ion Ratio Lower Upper

202 100

101 8.7 0.0 36.1

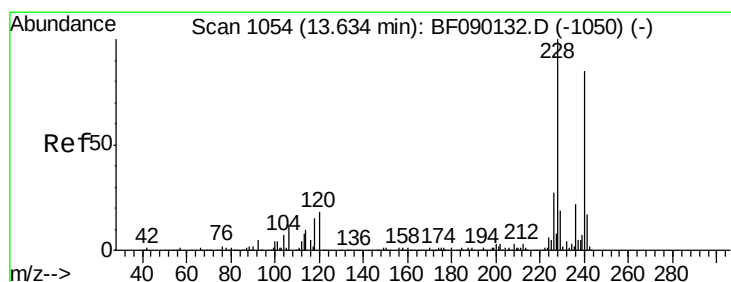
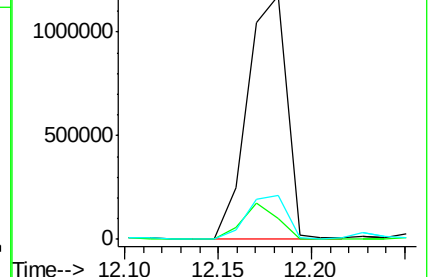
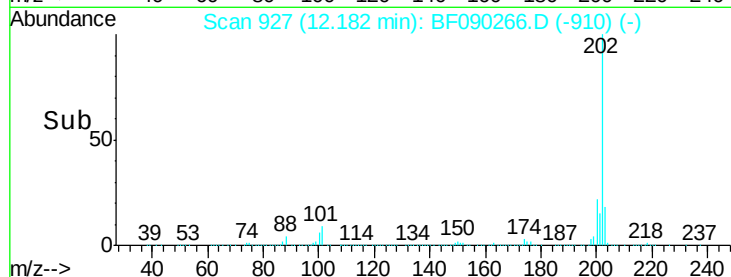
203 18.0 0.0 38.2



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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

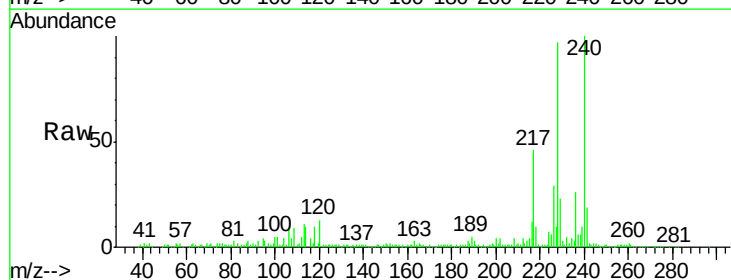
Tgt Ion:240 Resp: 225868

Ion Ratio Lower Upper

240 100

120 12.5 10.6 16.0

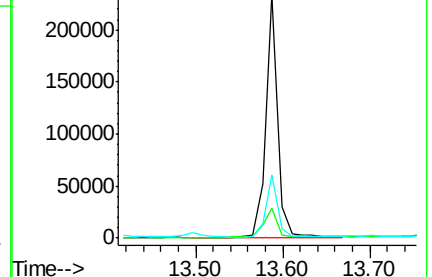
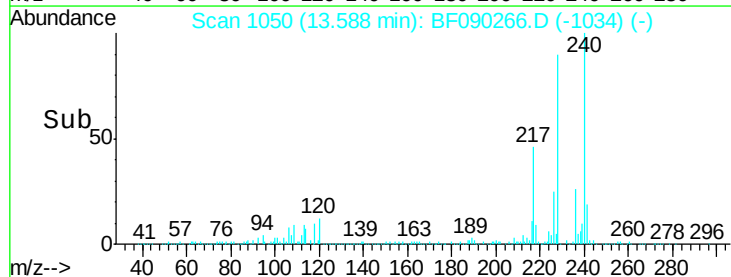
236 26.2 21.6 32.4

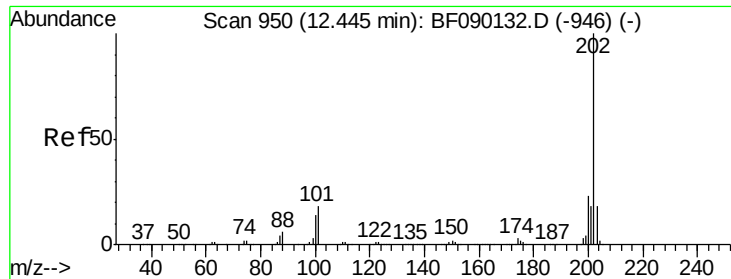


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 85.10 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

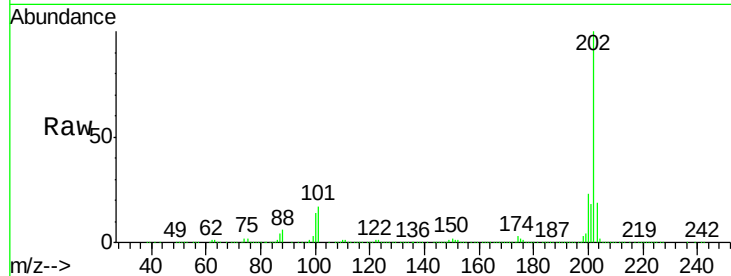
Tgt Ion:202 Resp: 1315282

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

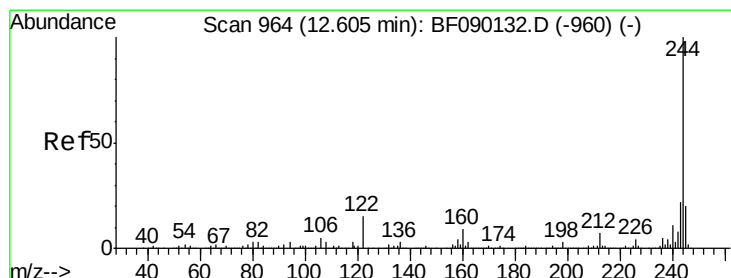
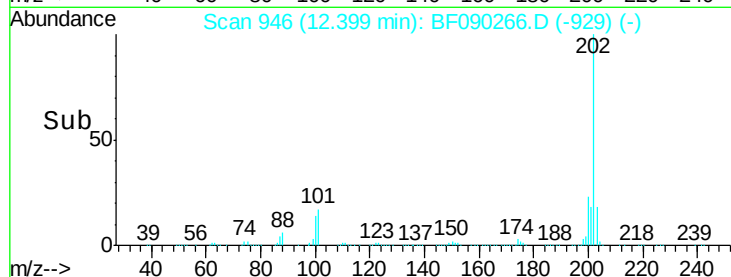
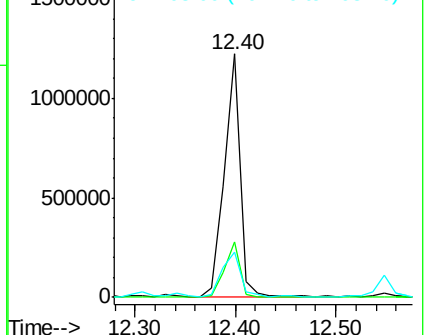
203 18.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 6.83 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

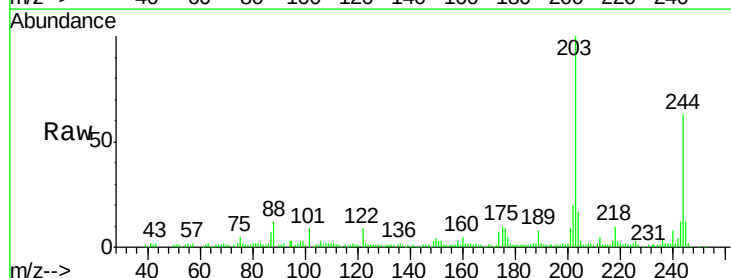
Tgt Ion:244 Resp: 60739

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

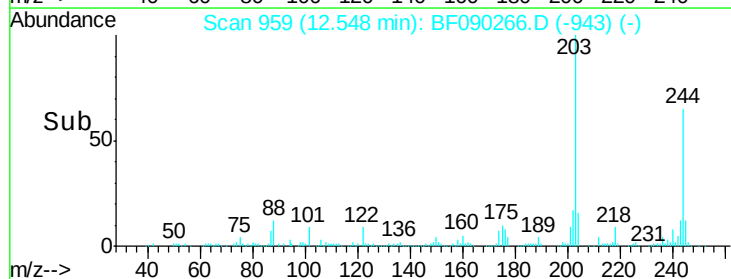
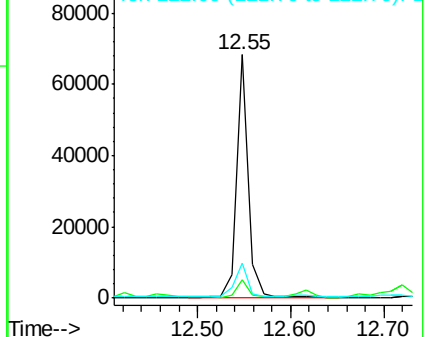
122 14.6 9.4 14.0#

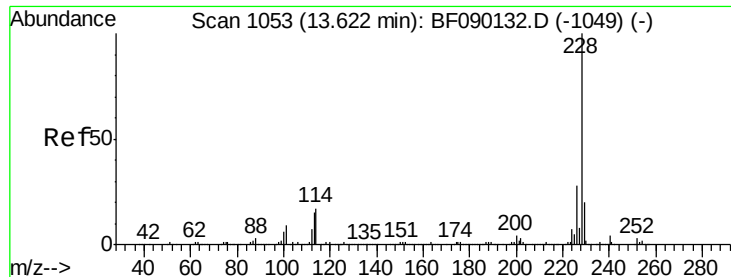


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 78.99 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

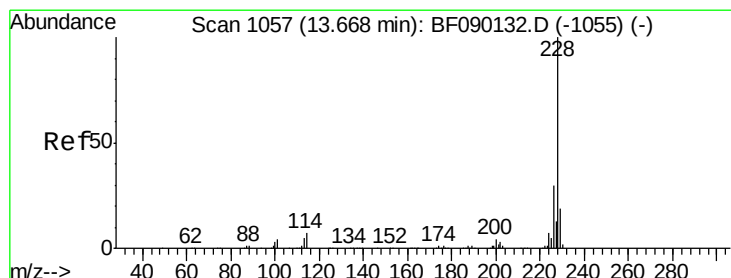
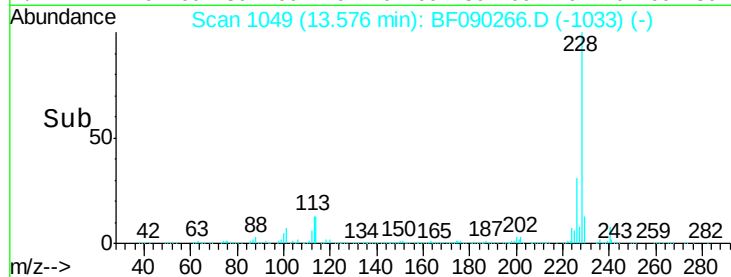
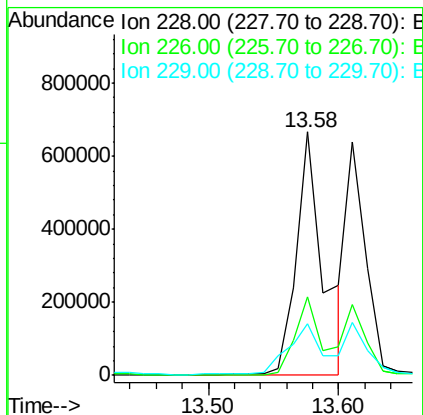
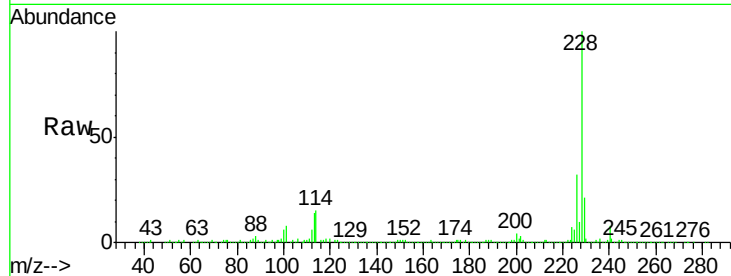
Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

Tgt Ion:	228	Resp:	959840
Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.0	33.0
229	21.2	16.2	24.2



#82

Chrysene

Concen: 55.73 ng

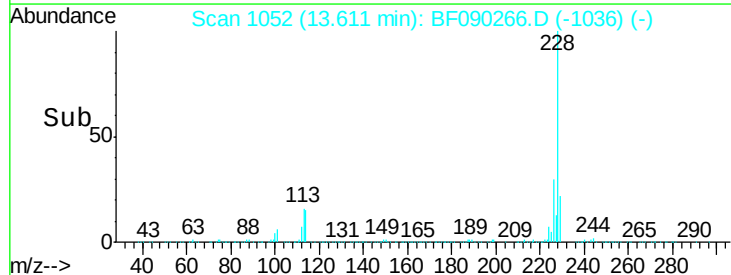
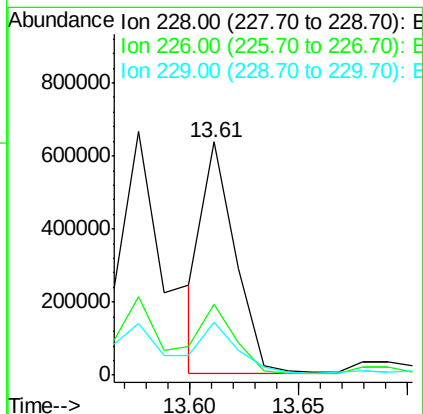
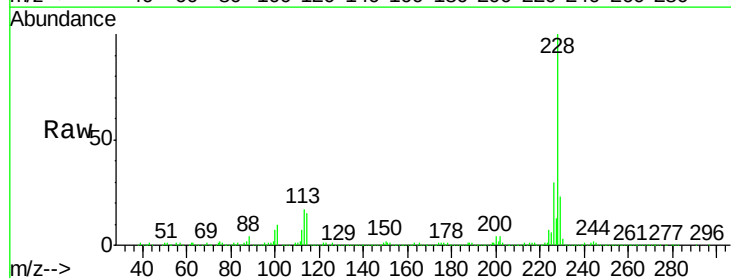
RT: 13.61 min Scan# 1052

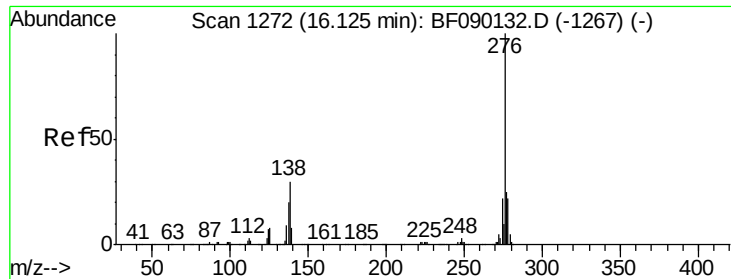
Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Tgt Ion:	228	Resp:	659683
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.8	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 9.23 ng

RT: 15.93 min Scan# 1255

Delta R.T. -0.13 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

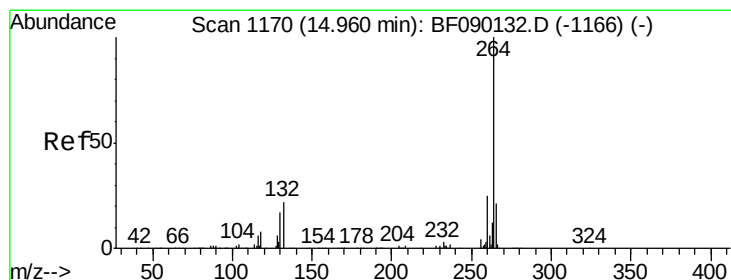
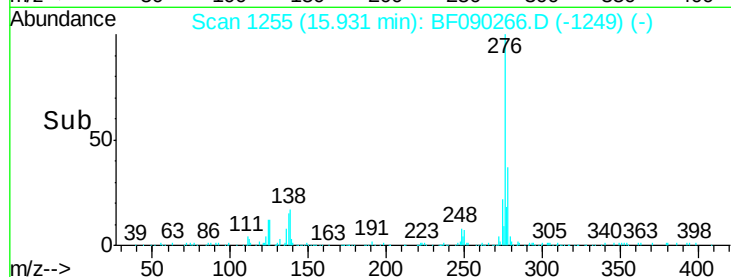
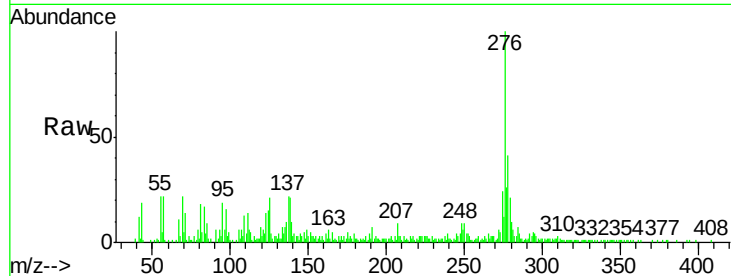
Tgt Ion:276 Resp: 88296

Ion Ratio Lower Upper

276 100

138 28.3 25.9 38.9

277 22.1 19.9 29.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

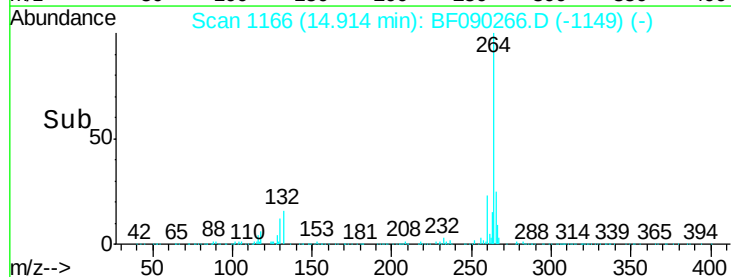
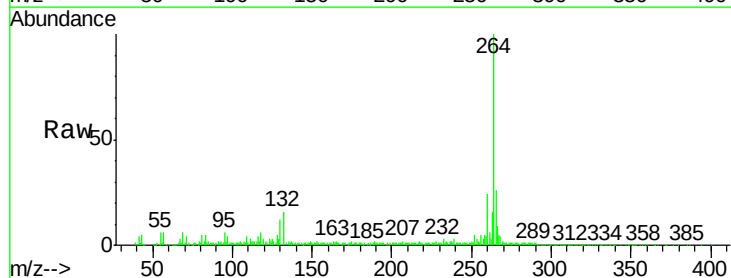
Tgt Ion:264 Resp: 223705

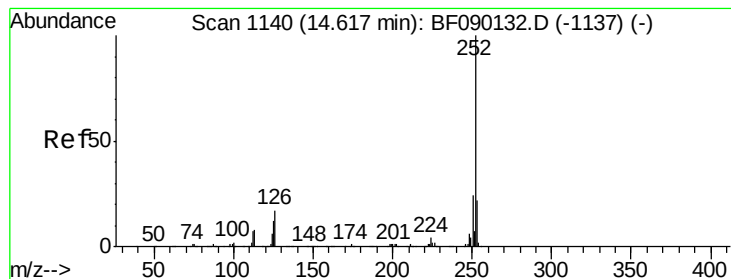
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 25.6 17.0 25.4#





#87

Benzo(b)fluoranthene

Concen: 111.24 ng

RT: 14.58 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

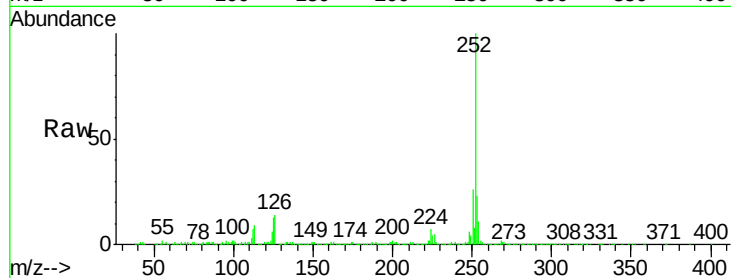
Tgt Ion:252 Resp: 1378033

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

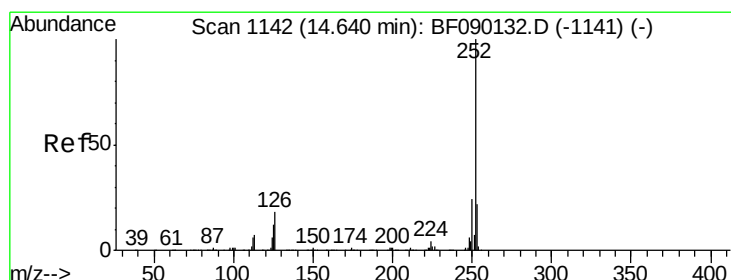
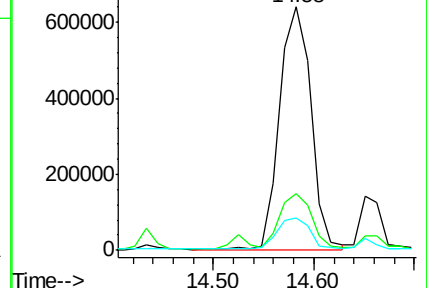
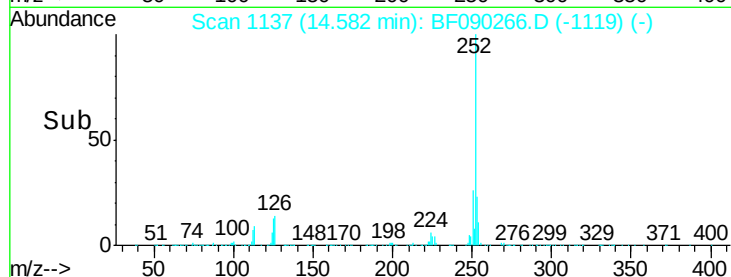
125 13.1 12.7 19.1



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



#88

Benzo(k)fluoranthene

Concen: 118.53 ng

RT: 14.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

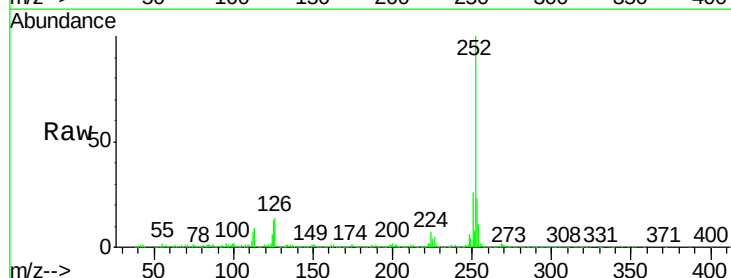
Tgt Ion:252 Resp: 1378033

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

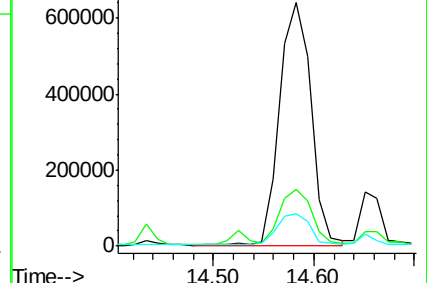
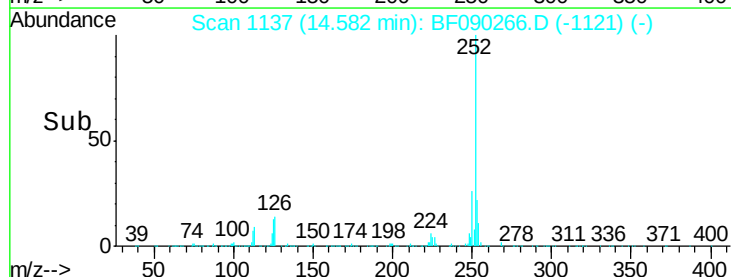
125 13.1 7.8 11.6#

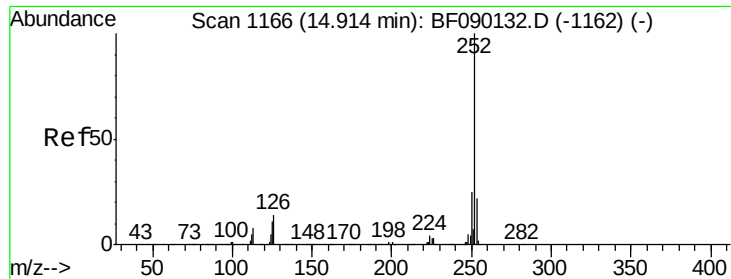


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 58.65 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)

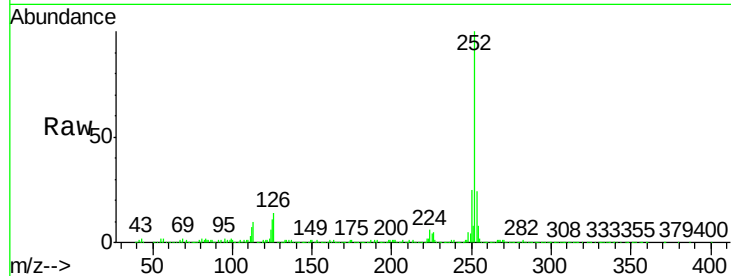
Tgt Ion: 252 Resp: 683413

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

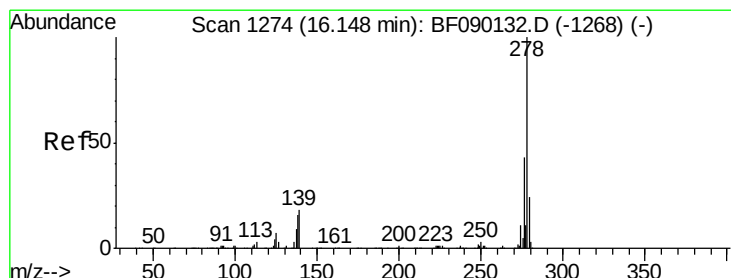
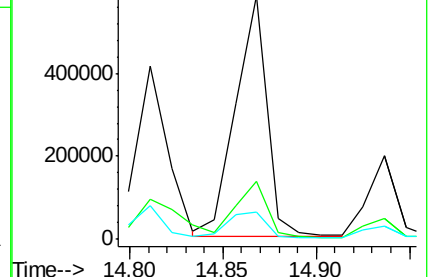
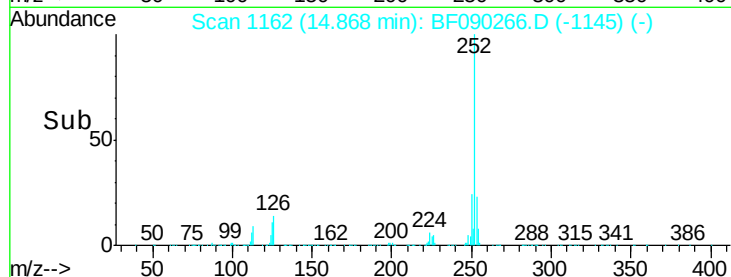
125 11.3 7.7 11.5



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: 9.72 ng

RT: 16.19 min Scan# 1278

Delta R.T. 0.11 min

Lab File: BF090266.D

Acq: 27 Sep 2016 21:49

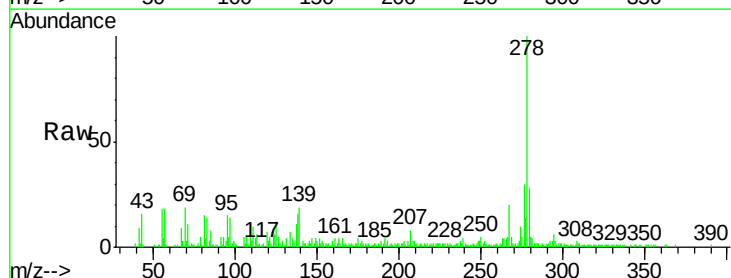
Tgt Ion: 278 Resp: 88371

Ion Ratio Lower Upper

278 100

139 18.9 14.6 21.8

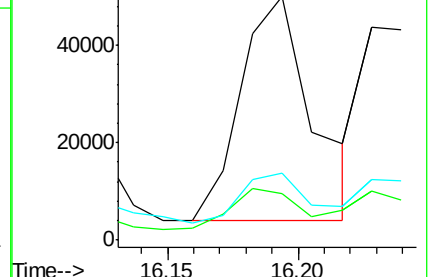
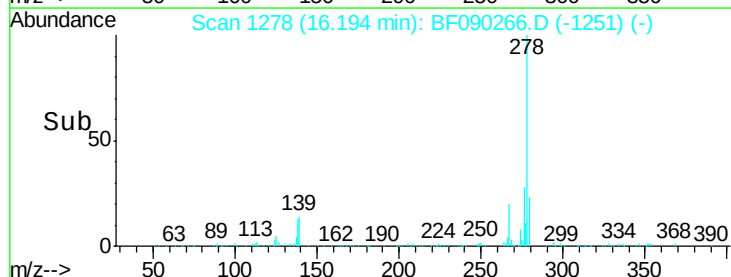
279 27.7 18.8 28.2

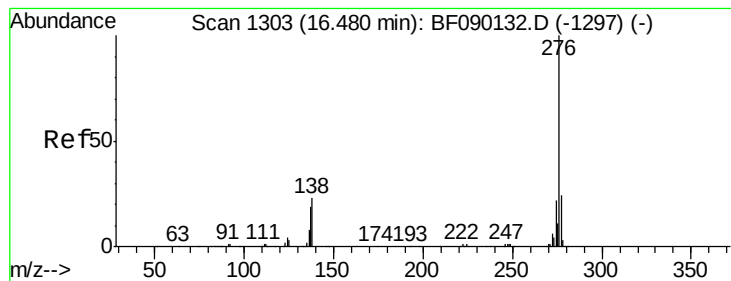


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.66 ng

RT: 16.40 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF090266.D

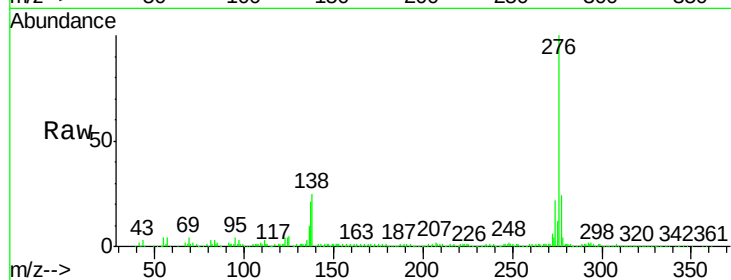
Acq: 27 Sep 2016 21:49

Instrument :

BNA_F

ClientSampleId :

S-3-1-LOC-3(0-5)



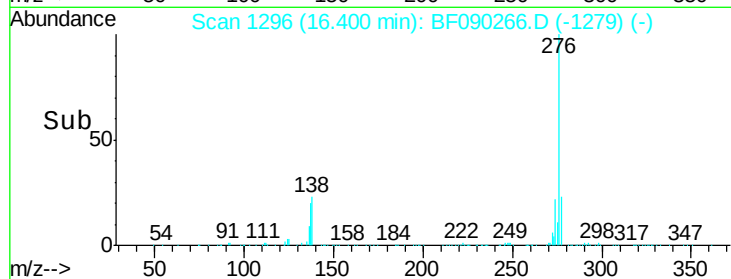
Tgt Ion: 276 Resp: 361873

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 24.6 23.3 34.9



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

