

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090561.D
 Acq On : 14 Oct 2016 11:07
 Operator : UM/SJ
 Sample : H5157-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

Quant Time: Oct 14 13:14:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.932	152	195367	20.00	ng	0.01
21) Naphthalene-d8	8.235	136	408302	20.00	ng	0.02
38) Acenaphthene-d10	10.006	164	139893	20.00	ng	0.03
63) Phenanthrene-d10	11.492	188	379607	20.00	ng	0.03
75) Chrysene-d12	14.098	240	451138	20.00	ng	0.00
86) Perylene-d12	15.561	264	443925	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1364235	128.01	ng	0.00
7) Phenol-d6	6.555	99	1790405	113.07	ng	0.00
23) Nitrobenzene-d5	7.492	82	628677	85.53	ng	0.00
41) 2,4,6-Tribromophenol	10.806	330	215465	172.76	ng	0.05
44) 2-Fluorobiphenyl	9.321	172	787229	92.72	ng	0.03
78) Terphenyl-d14	13.047	244	1148733	59.29	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.320	42	10275	8.96	ng	# 1
9) Benzaldehyde	6.452	77	43033	4.82	ng	# 19
10) Phenol	6.566	94	56281	3.11	ng	# 19
15) Benzyl Alcohol	7.092	79	54440	5.05	ng	# 46
18) Hexachloroethane	7.503	117	2642202	446.09	ng	# 39
19) n-Nitroso-di-n-propyla...	7.366	70	136035	12.53	ng	# 68
22) Acetophenone	7.275	105	1198268	132.84	ng	# 52
24) Nitrobenzene	7.480	77	489685	64.92	ng	# 47
25) Isophorone	7.766	82	419673	31.37	ng	# 1
26) 2-Nitrophenol	7.800	139	81259	23.75	ng	# 1
27) 2,4-Dimethylphenol	7.880	122	67398	11.87	ng	# 1
28) bis(2-Chloroethoxy)met...	7.995	93	47611	6.03	ng	# 1
29) 2,4-Dichlorophenol	8.086	162	84298	16.95	ng	# 1
30) 1,2,4-Trichlorobenzene	8.132	180	32270	5.54	ng	# 86
31) Naphthalene	8.223	128	456691	21.96	ng	# 1
32) Benzoic acid	8.029	122	56394	16.17	ng	# 1
33) 4-Chloroaniline	8.292	127	78572	9.88	ng	# 1
35) Caprolactam	8.680	113	371353	267.50	ng	# 46
36) 4-Chloro-3-methylphenol	8.783	107	63835	11.12	ng	# 46
37) 2-Methylnaphthalene	8.966	142	699210	57.24	ng	# 96
42) 2,4,6-Trichlorophenol	9.241	196	29465	14.08	ng	# 11
43) 2,4,5-Trichlorophenol	9.241	196	29465	11.81	ng	# 1
45) 1,1'-Biphenyl	9.401	154	25475	2.39	ng	# 1
46) 2-Chloronaphthalene	9.503	162	35964	4.53	ng	# 1
47) 2-Nitroaniline	9.561	65	26436	9.19	ng	# 1
48) Acenaphthylene	9.869	152	179299	14.19	ng	# 1
49) Dimethylphthalate	9.709	163	170794	18.82	ng	# 76
50) 2,6-Dinitrotoluene	9.858	165	194623	97.99	ng	# 85
51) Acenaphthene	10.041	154	230342	27.42	ng	# 67
52) 3-Nitroaniline	9.972	138	28308	11.36	ng	# 38
53) 2,4-Dinitrophenol	10.052	184	1114	6.64	ng	# 1
54) Dibenzofuran	10.212	168	161508	14.61	ng	# 1
55) 4-Nitrophenol	10.132	139	140473	93.66	ng	# 14

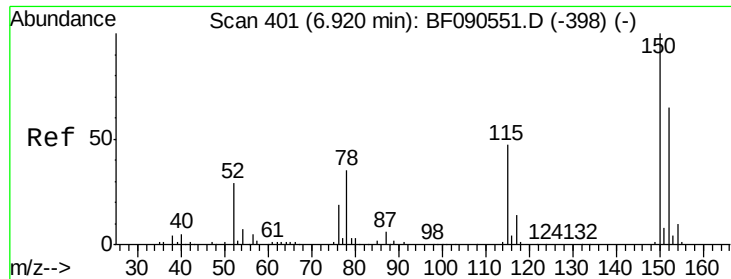
Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	10.189	165	15883	5.89	ng	# 59
57) Fluorene	10.566	166	513139	56.29	ng	# 77
58) 2,3,4,6-Tetrachlorophenol	10.315	232	8308	4.00	ng	# 33
59) Diethylphthalate	10.406	149	25591	2.78	ng	# 1
61) 4-Nitroaniline	10.475	138	20519	8.21	ng	# 90
62) Azobenzene	10.726	77	170970	16.06	ng	# 1
64) 4,6-Dinitro-2-methylph...	10.578	198	10185	4.43	ng	# 1
65) n-Nitrosodiphenylamine	10.726	169	851755	67.93	ng	# 49
66) 4-Bromophenyl-phenylether	11.035	248	21326	5.24	ng	# 1
68) Atrazine	11.218	200	65483	18.88	ng	# 9
69) Pentachlorophenol	11.332	266	8918	4.07	ng	# 29
70) Phenanthrene	11.515	178	1891649	93.35	ng	# 94
71) Anthracene	11.606	178	135124	6.20	ng	# 1
74) Fluoranthene	12.704	202	428922	21.04	ng	# 93
77) Pyrene	12.921	202	630083	21.09	ng	# 91
80) Benzo(a)anthracene	14.087	228	146540	5.71	ng	# 93
82) Chrysene	14.087	228	146540	5.92	ng	# 91
83) Bis(2-ethylhexyl)phtha...	14.075	149	41821	2.34	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.013	276	62446	4.36	ng	# 91
87) Benzo(b)fluoranthene	15.138	252	177190	6.10	ng	# 77
88) Benzo(k)fluoranthene	15.138	252	177190	5.67	ng	# 76
89) Benzo(a)pyrene	15.493	252	98133	3.69	ng	# 72
91) Benzo(g,h,i)perylene	17.447	276	56620	2.93	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.932 min Scan# 40

Delta R.T. 0.012 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

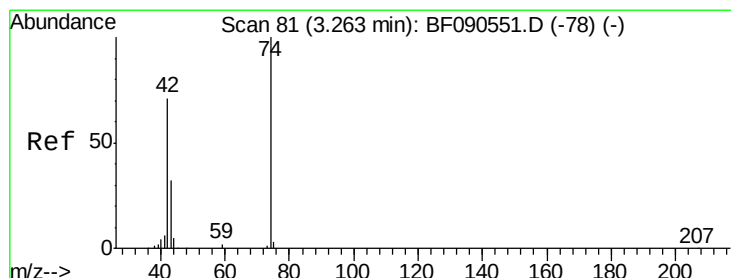
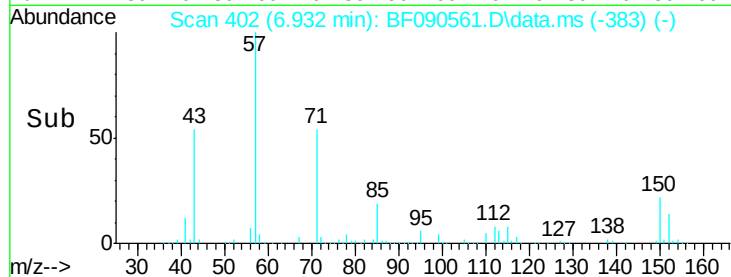
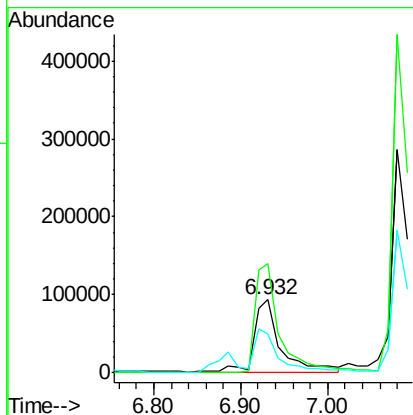
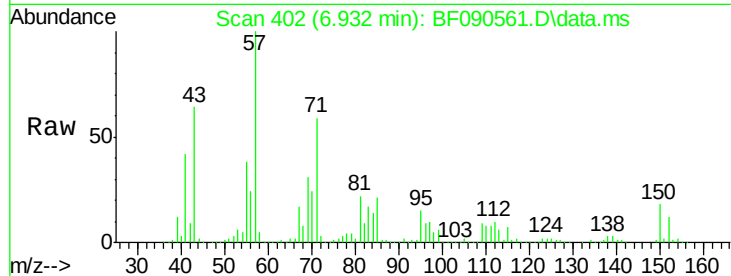
Tot Ion:152 Resp: 195367

Ion Ratio Lower Upper

152 100

150 149.9 127.2 190.8

115 53.1 58.6 88.0#



#4

n-Nitrosodimethylamine

Concen: 8.96 ng

RT: 3.320 min Scan# 86

Delta R.T. 0.058 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

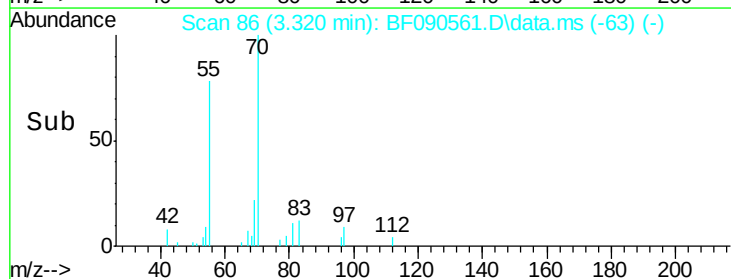
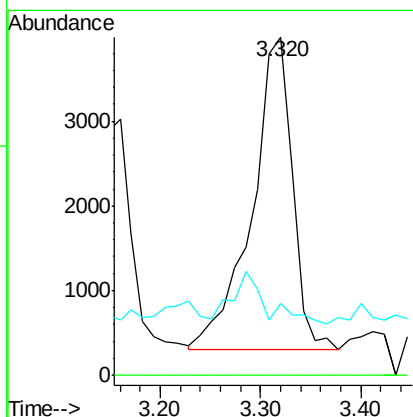
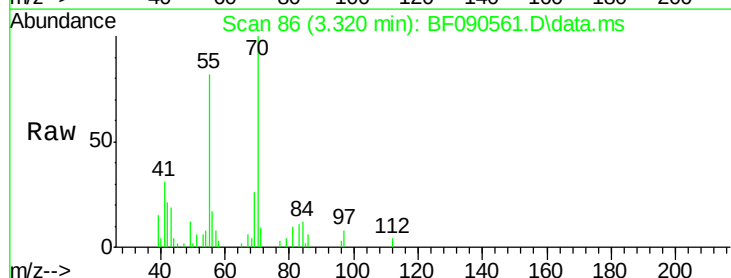
Tgt Ion: 42 Resp: 10275

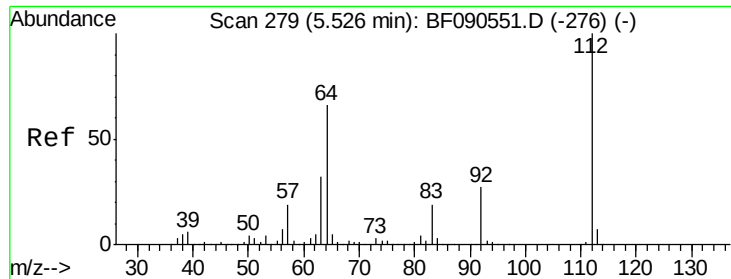
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 21.1 6.0 9.0#

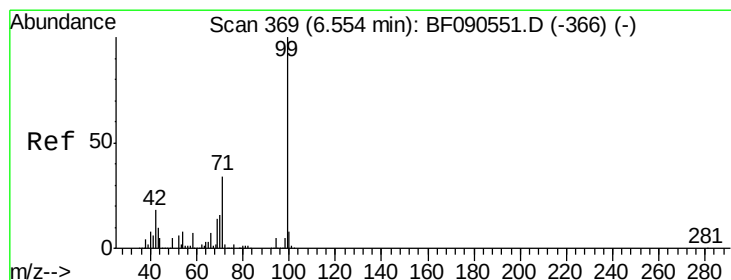
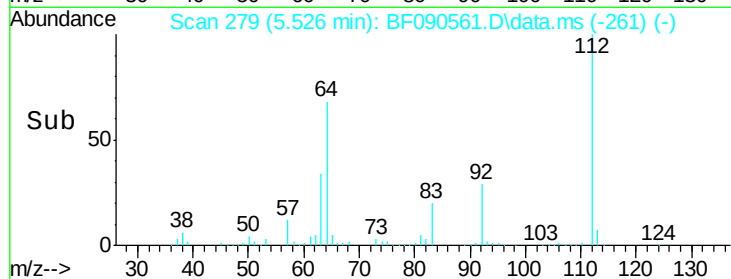
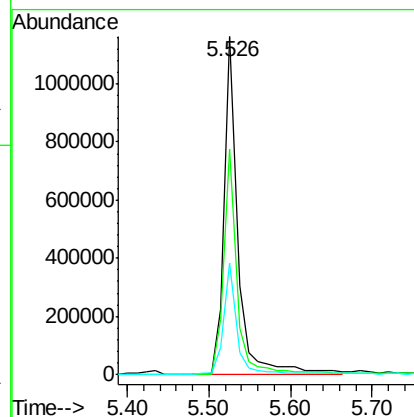
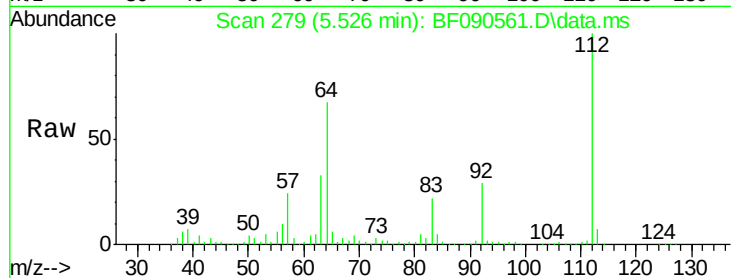




#5
 2-Fluorophenol
 Concen: 128.01 ng
 RT: 5.526 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

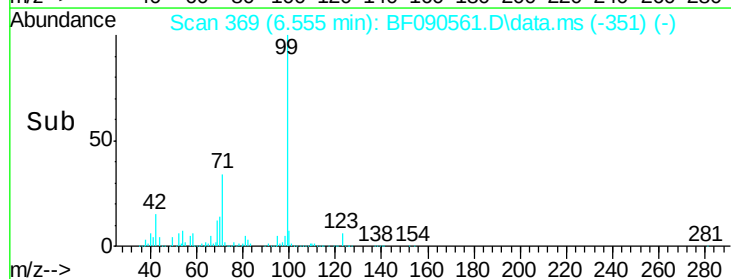
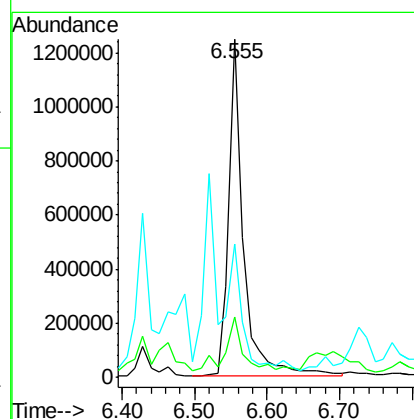
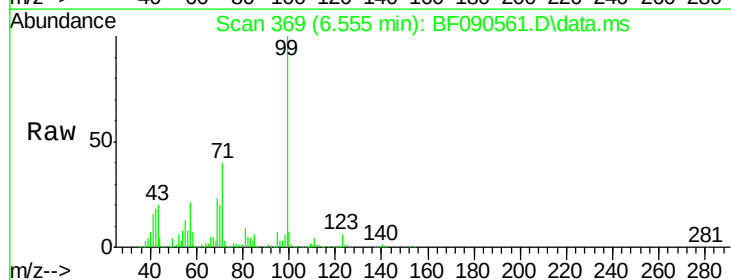
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

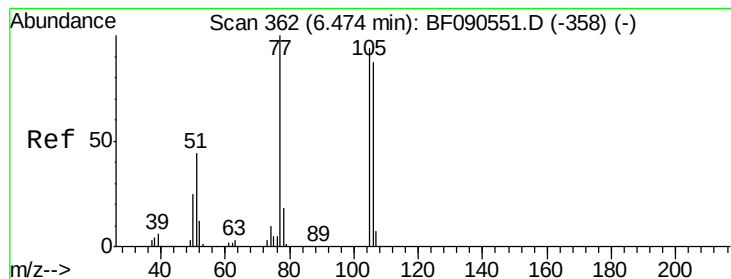
Tot Ion:112 Resp: 1364235
 Ion Ratio Lower Upper
 112 100
 64 66.6 52.6 78.8
 63 33.1 26.0 39.0



#7
 Phenol-d6
 Concen: 113.07 ng
 RT: 6.555 min Scan# 369
 Delta R.T. 0.000 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

Tgt Ion: 99 Resp: 1790405
 Ion Ratio Lower Upper
 99 100
 42 18.0 14.7 22.1
 71 39.6 27.6 41.4





#9

Benzaldehyde

Concen: 4.82 ng

RT: 6.452 min Scan# 36

Delta R.T. -0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

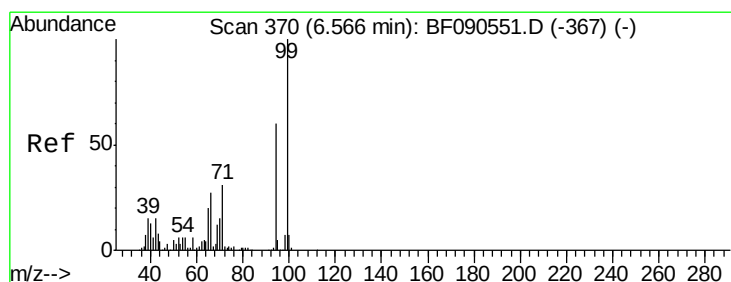
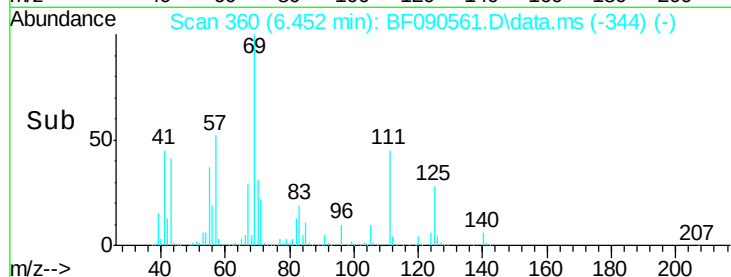
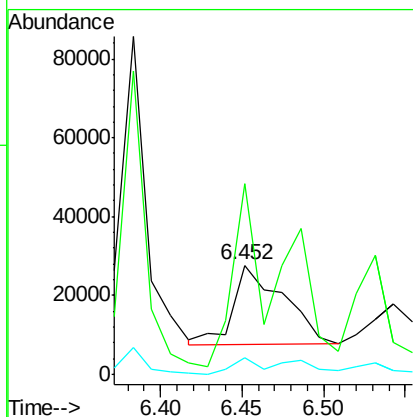
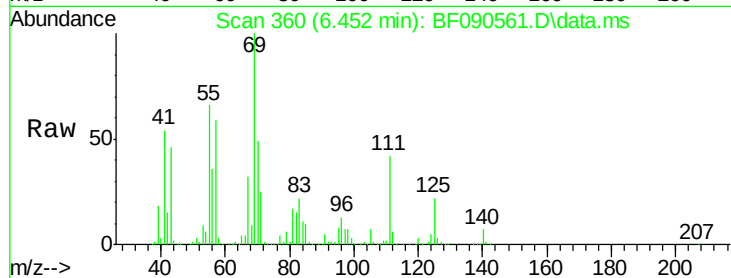
Tot Ion: 77 Resp: 43033

Ion Ratio Lower Upper

77 100

105 175.0 74.3 114.3#

106 15.0 67.2 107.2#



#10

Phenol

Concen: 3.11 ng

RT: 6.566 min Scan# 370

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

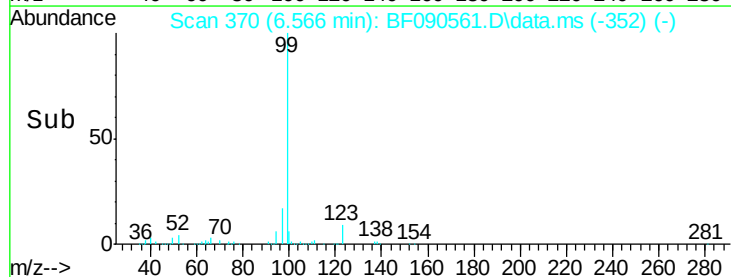
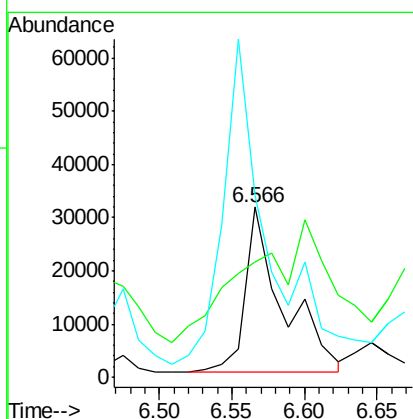
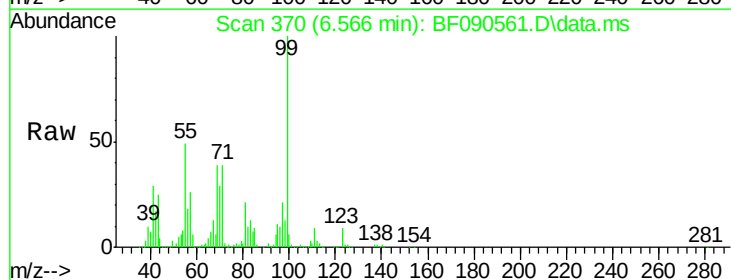
Tgt Ion: 94 Resp: 56281

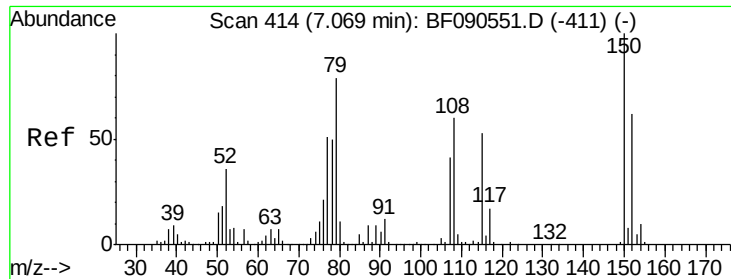
Ion Ratio Lower Upper

94 100

65 67.8 12.5 52.5#

66 107.1 25.5 65.5#





#15

Benzyl Alcohol

Concen: 5.05 ng

RT: 7.092 min Scan# 41

Delta R.T. 0.024 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

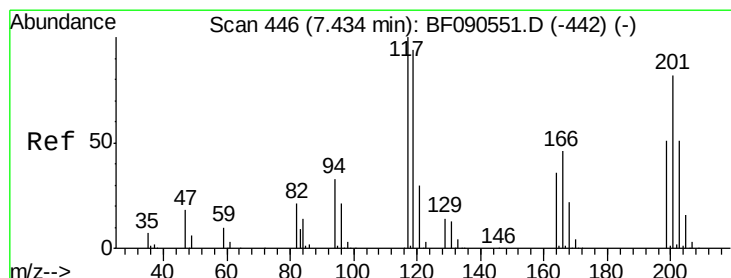
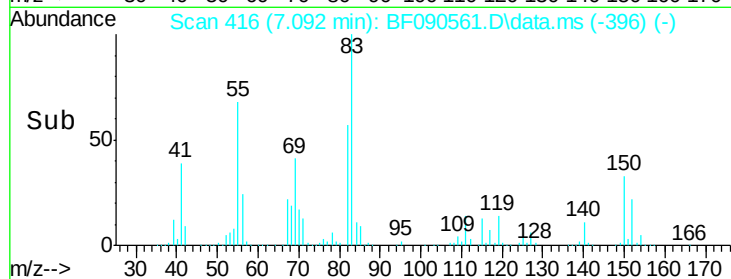
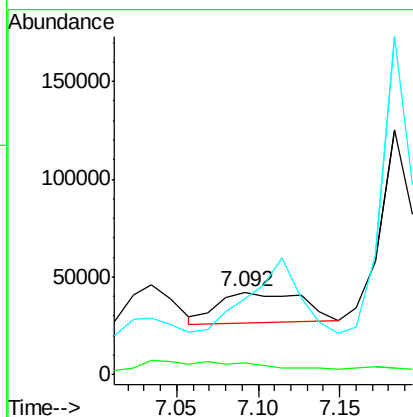
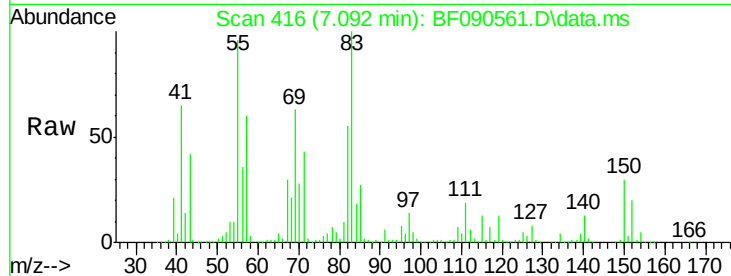
Tot Ion: 79 Resp: 54440

Ion Ratio Lower Upper

79 100

108 13.4 60.2 90.4#

77 91.3 52.0 78.0#



#18

Hexachloroethane

Concen: 446.09 ng

RT: 7.503 min Scan# 452

Delta R.T. 0.069 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

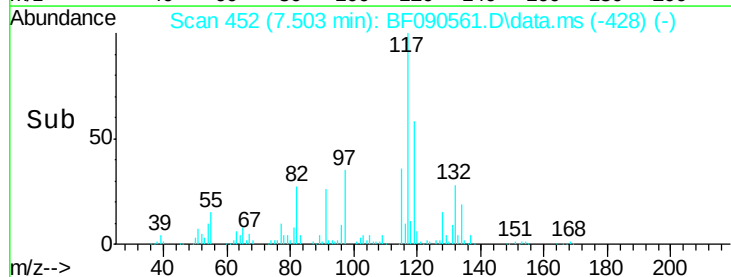
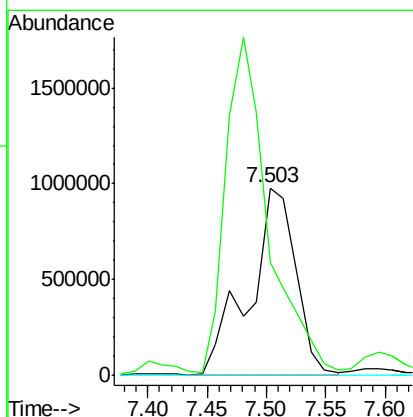
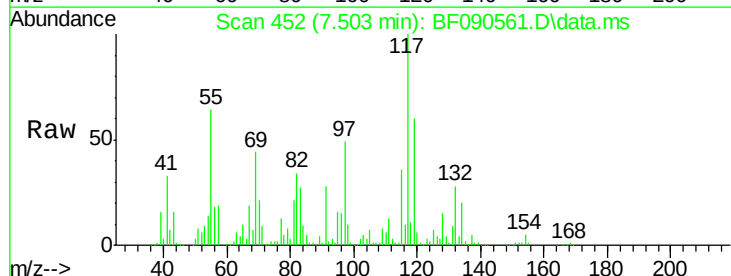
Tgt Ion: 117 Resp: 2642202

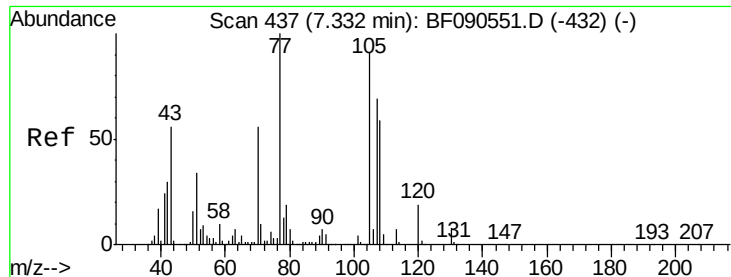
Ion Ratio Lower Upper

117 100

119 60.2 75.6 113.4#

201 0.0 65.4 98.0#

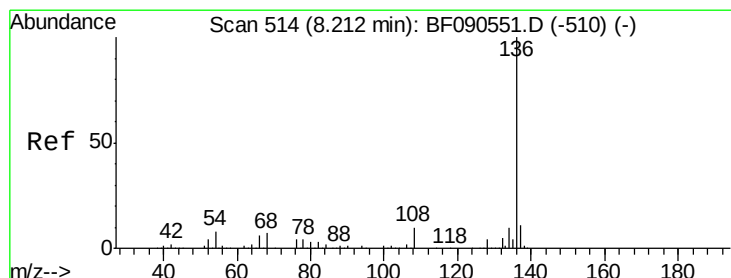
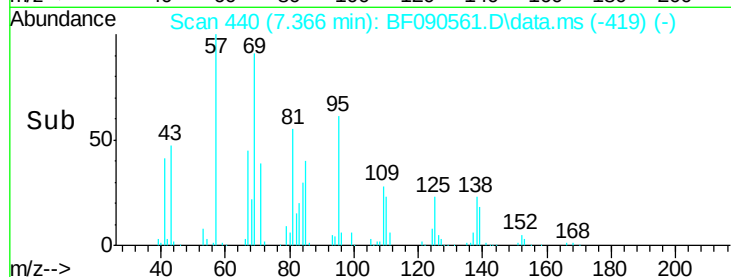
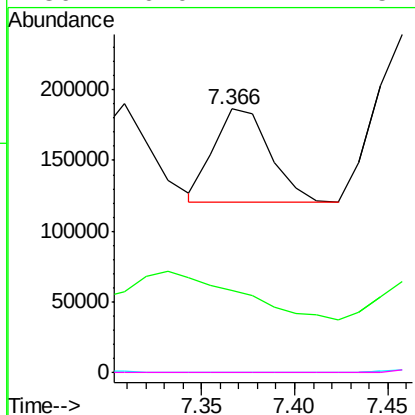
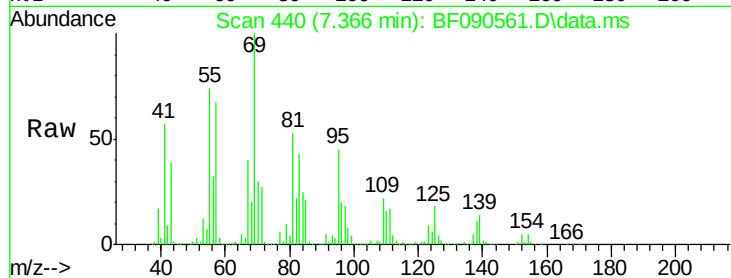




#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.366 min Scan# 44
Delta R.T. 0.034 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

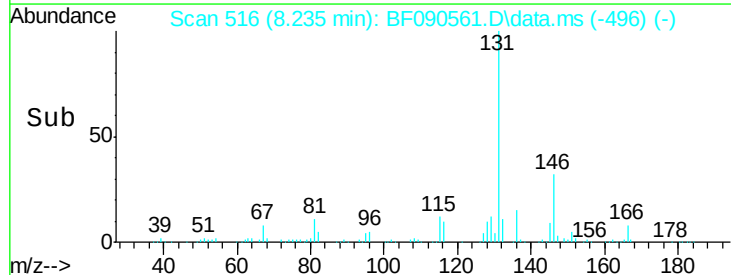
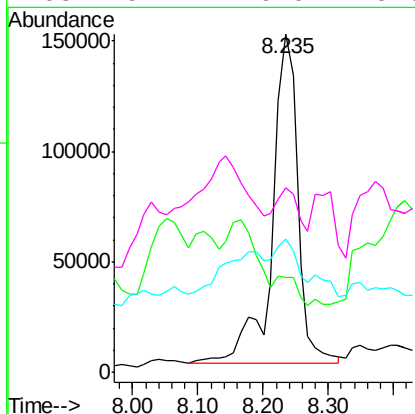
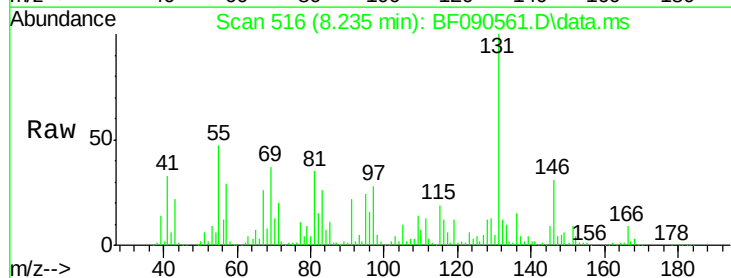
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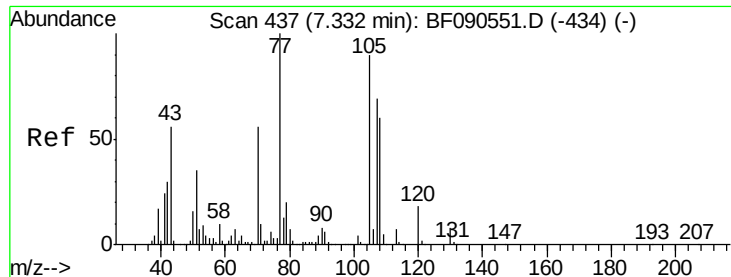
Tot Ion: 70 Resp: 136035
Ion Ratio Lower Upper
70 100
42 31.2 43.4 65.0#
101 0.2 6.4 9.6#
130 0.0 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.235 min Scan# 516
Delta R.T. 0.023 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion: 136 Resp: 408302
Ion Ratio Lower Upper
136 100
137 27.9 8.8 13.2#
54 39.5 6.8 10.2#
68 54.7 6.0 9.0#





#22

Acetophenone

Concen: 132.84 ng

RT: 7.275 min Scan# 437

Delta R.T. -0.057 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

Tot Ion:105 Resp: 1198268

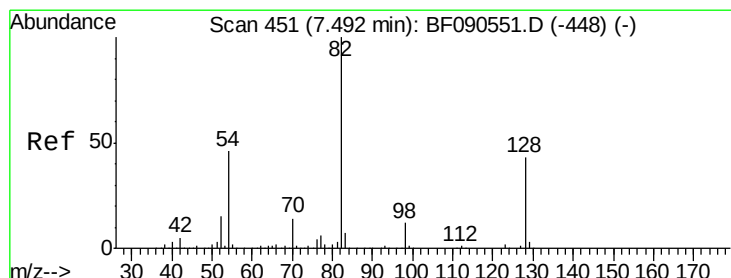
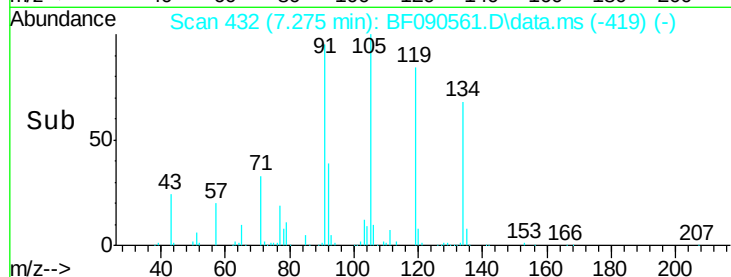
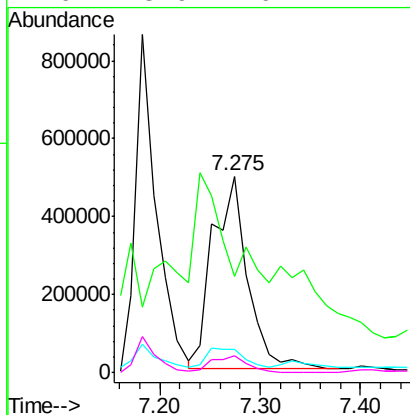
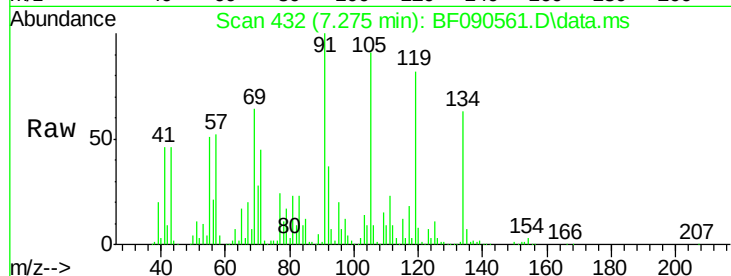
Ion Ratio Lower Upper

105 100

71 49.3 8.5 12.7#

51 11.8 31.0 46.4#

120 8.9 16.2 24.4#



#23

Nitrobenzene-d5

Concen: 85.53 ng

RT: 7.492 min Scan# 451

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

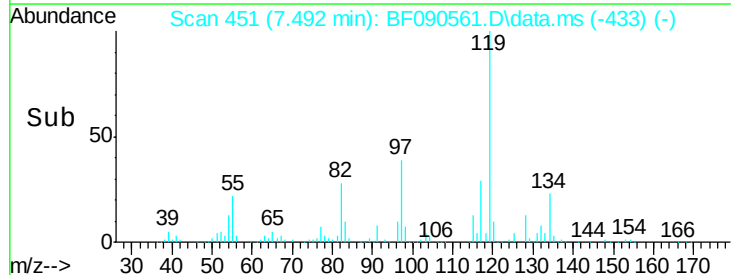
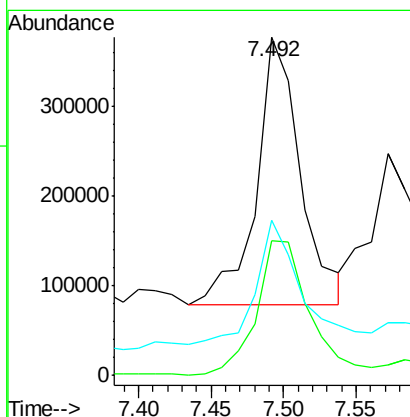
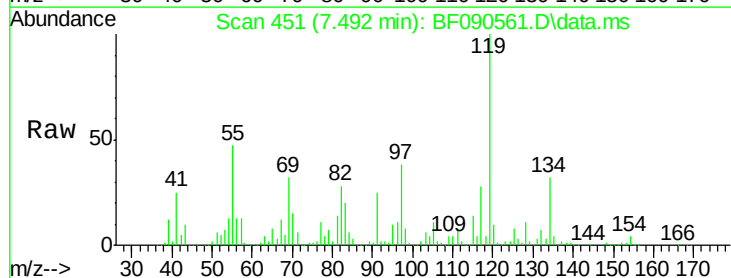
Tgt Ion: 82 Resp: 628677

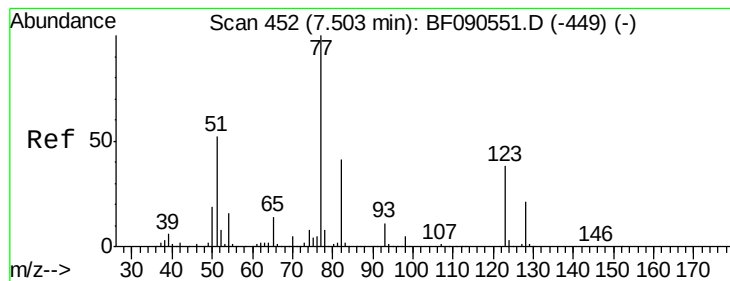
Ion Ratio Lower Upper

82 100

128 39.7 34.3 51.5

54 45.8 37.0 55.6





#24

Nitrobenzene

Concen: 64.92 ng

RT: 7.480 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

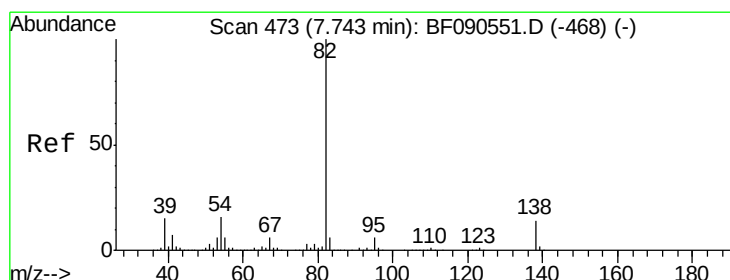
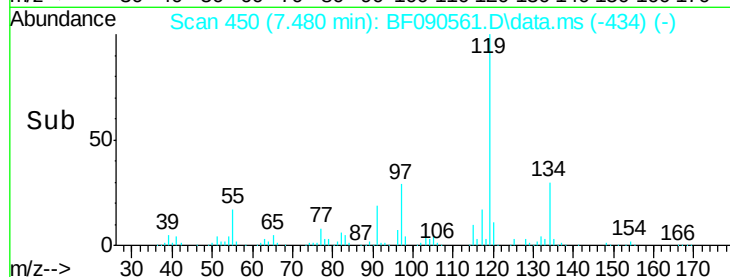
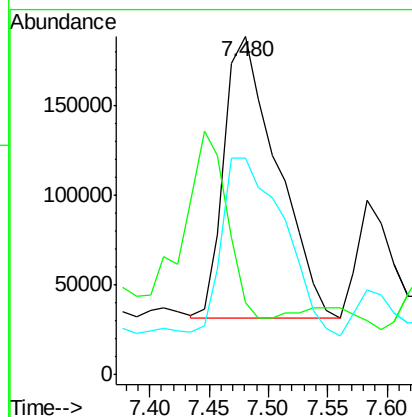
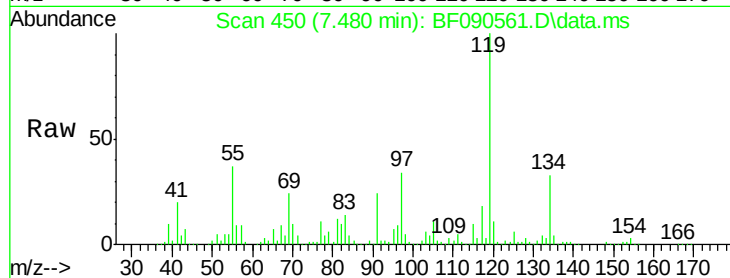
Tot Ion: 77 Resp: 489685

Ion Ratio Lower Upper

77 100

123 21.4 29.8 44.6#

65 64.2 10.9 16.3#



#25

Isophorone

Concen: 31.37 ng

RT: 7.766 min Scan# 475

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

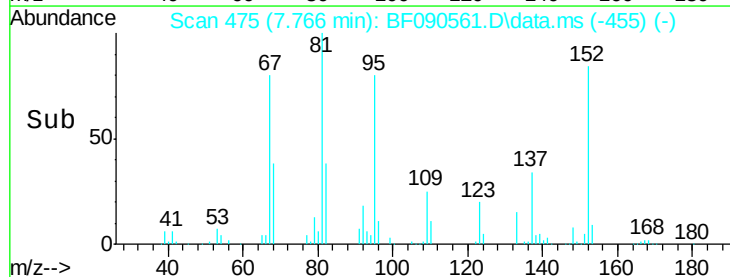
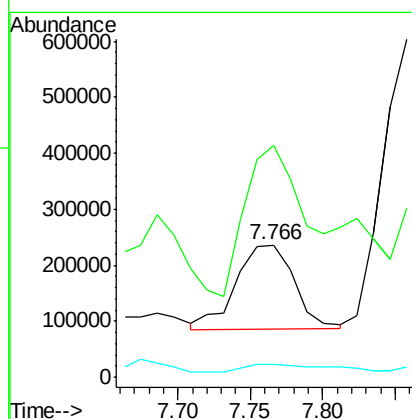
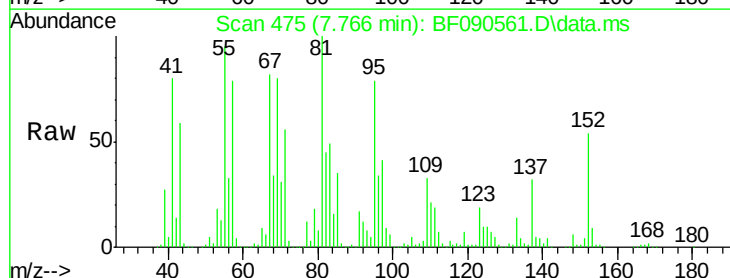
Tgt Ion: 82 Resp: 419673

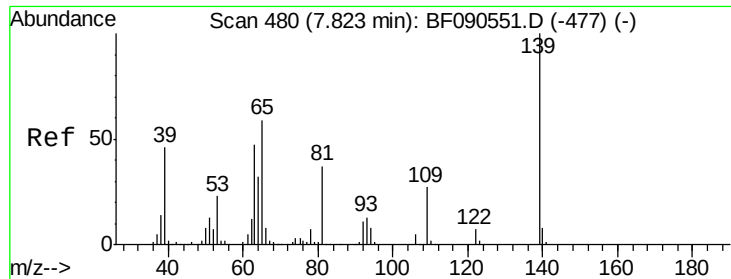
Ion Ratio Lower Upper

82 100

95 175.4 5.0 7.6#

138 10.1 11.5 17.3#

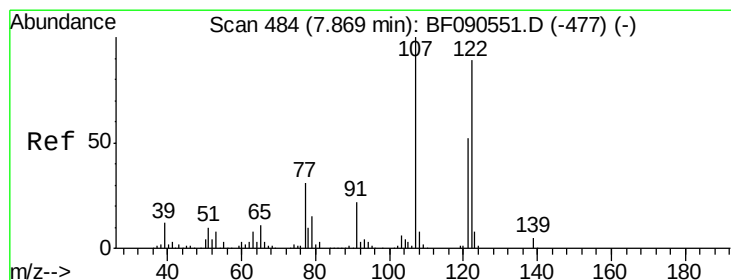
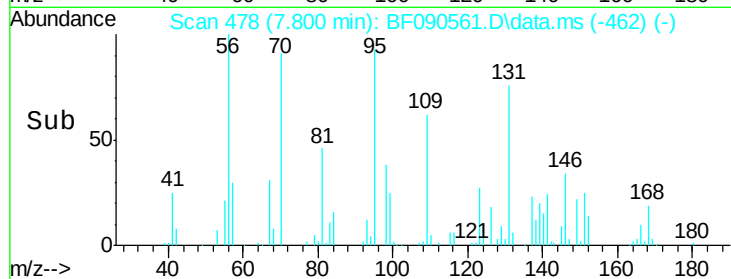
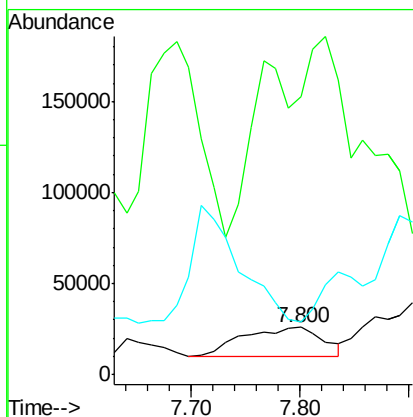
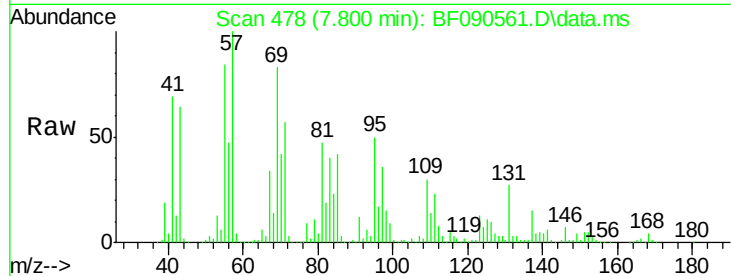




#26
2-Nitrophenol
Concen: 23.75 ng
RT: 7.800 min Scan# 47
Delta R.T. -0.023 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

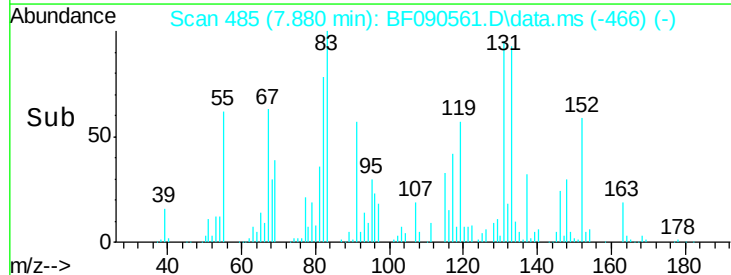
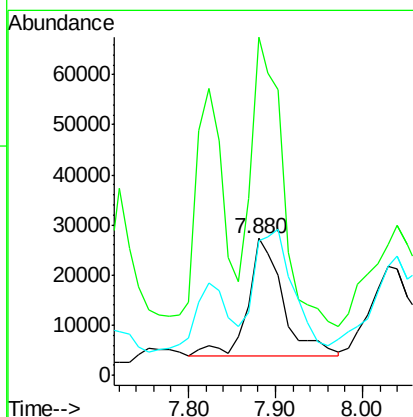
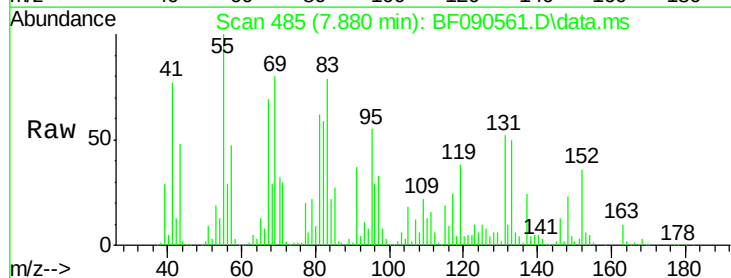
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

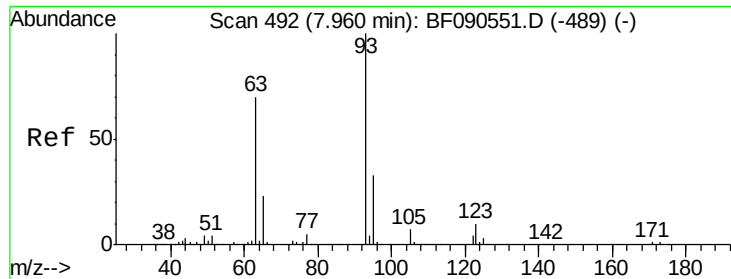
Tot Ion:139 Resp: 81259
Ion Ratio Lower Upper
139 100
109 588.7 21.8 32.6#
65 111.5 47.7 71.5#



#27
2,4-Dimethylphenol
Concen: 11.87 ng
RT: 7.880 min Scan# 485
Delta R.T. 0.012 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:122 Resp: 67398
Ion Ratio Lower Upper
122 100
107 246.7 89.8 134.6#
121 98.2 46.1 69.1#

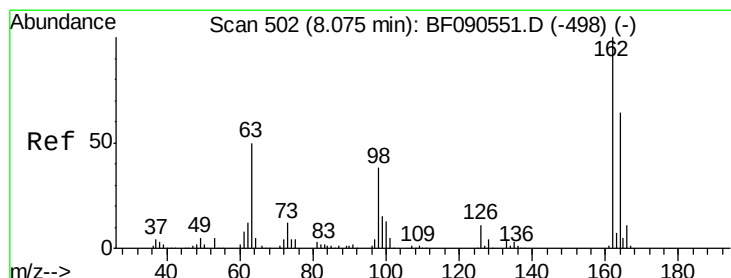
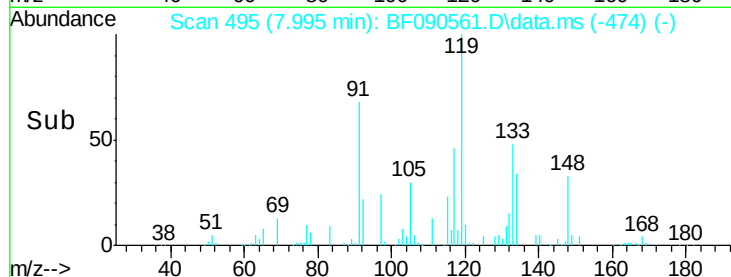
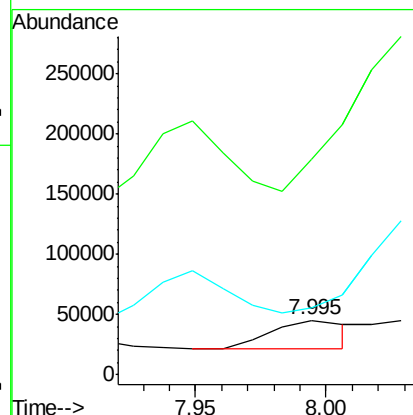
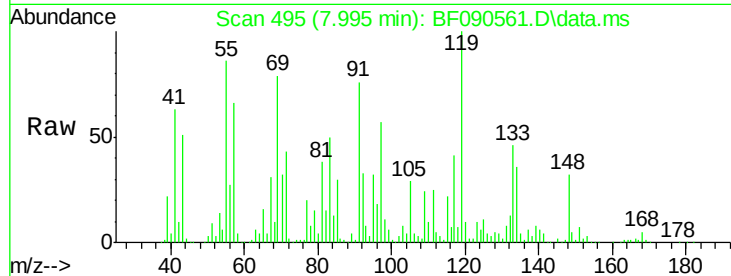




#28
bis(2-Chloroethoxy)methane
Concen: 6.03 ng
RT: 7.995 min Scan# 49
Delta R.T. 0.034 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

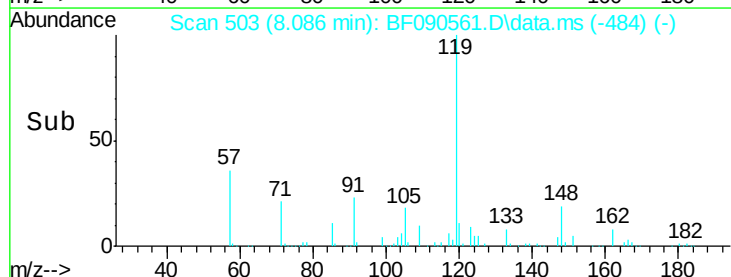
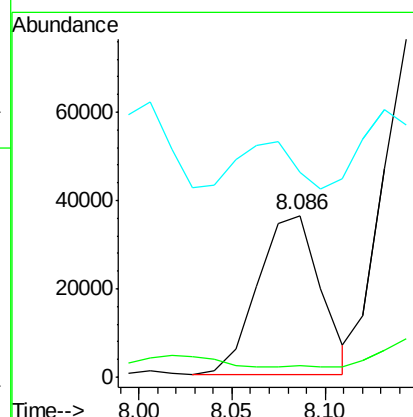
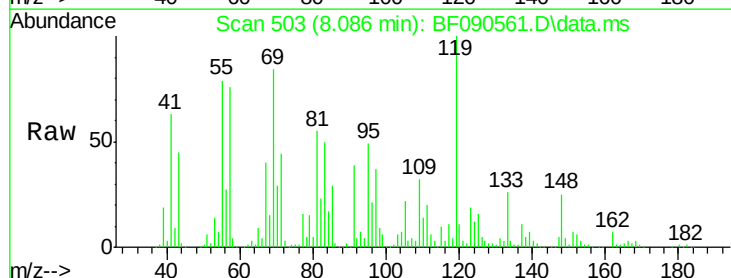
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

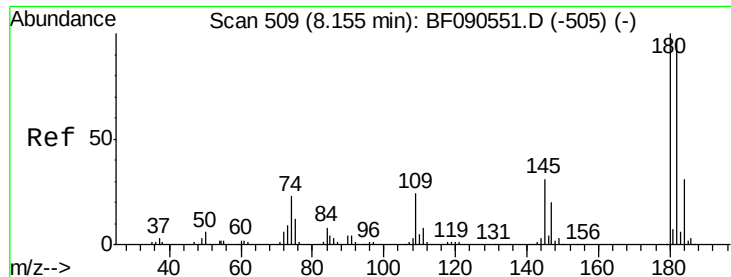
Tot Ion: 93 Resp: 47611
Ion Ratio Lower Upper
93 100
95 395.3 26.2 39.2#
123 122.9 8.6 13.0#



#29
2,4-Dichlorophenol
Concen: 16.95 ng
RT: 8.086 min Scan# 503
Delta R.T. 0.012 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion: 162 Resp: 84298
Ion Ratio Lower Upper
162 100
164 7.5 44.0 84.0#
98 126.4 18.0 58.0#

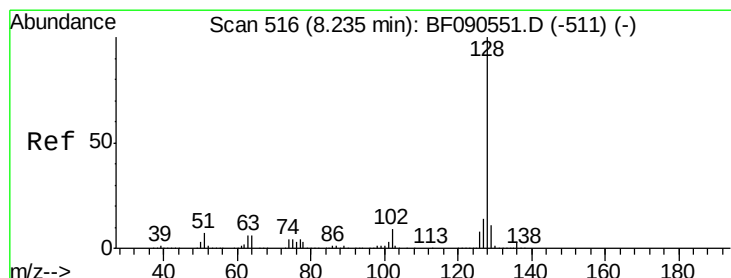
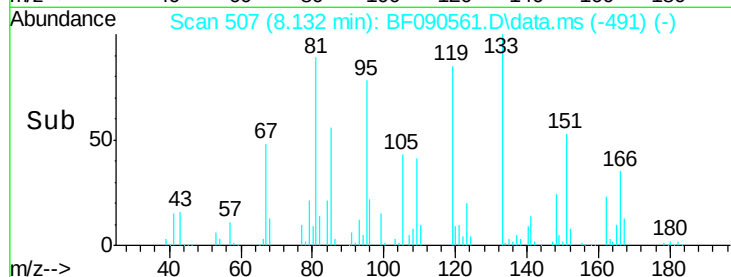
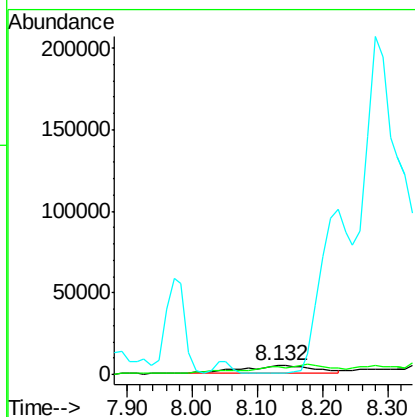
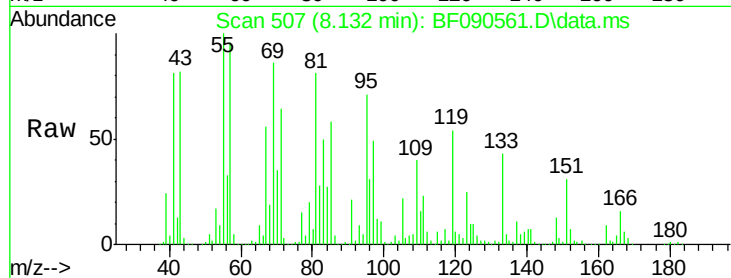




#30
1,2,4-Trichlorobenzene
Concen: 5.54 ng
RT: 8.132 min Scan# 509
Delta R.T. -0.023 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

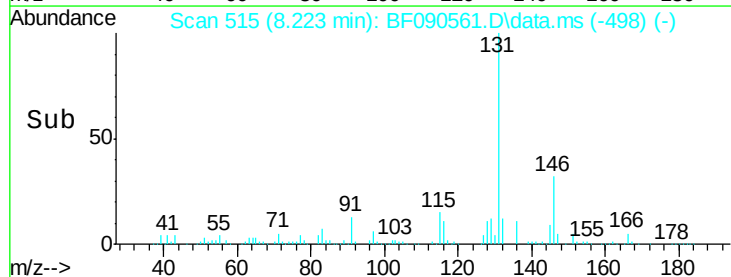
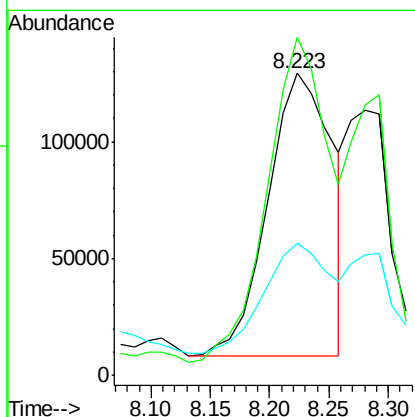
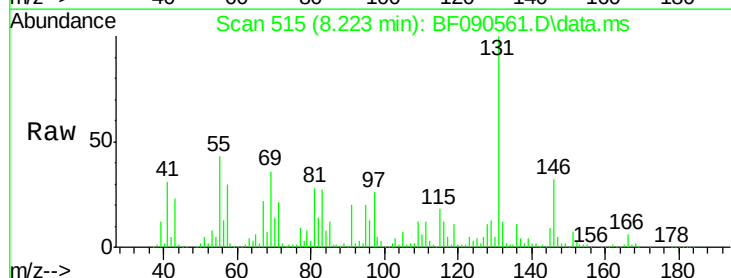
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

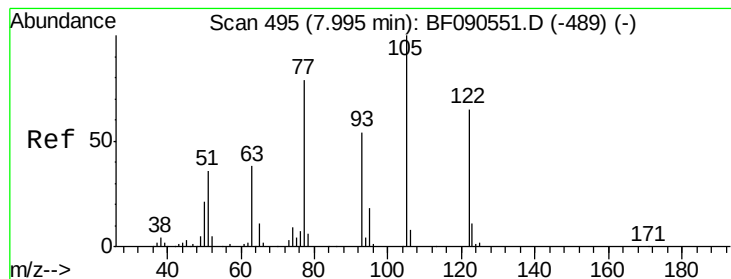
Tot Ion:180 Resp: 32270
Ion Ratio Lower Upper
180 100
182 87.7 77.2 115.8
145 13.3 24.4 36.6#



#31
Naphthalene
Concen: 21.96 ng
RT: 8.223 min Scan# 515
Delta R.T. -0.011 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:128 Resp: 456691
Ion Ratio Lower Upper
128 100
129 112.0 9.0 13.6#
127 43.7 10.8 16.2#





#32

Benzoic acid

Concen: 16.17 ng

RT: 8.029 min Scan# 49

Delta R.T. 0.035 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

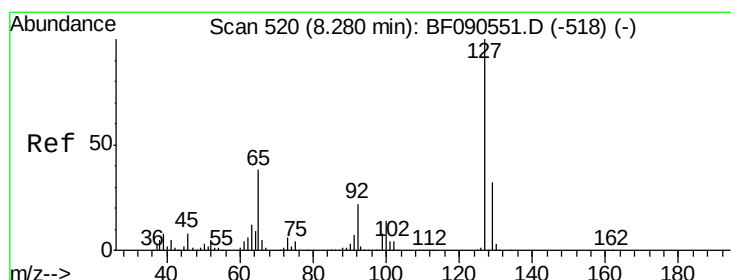
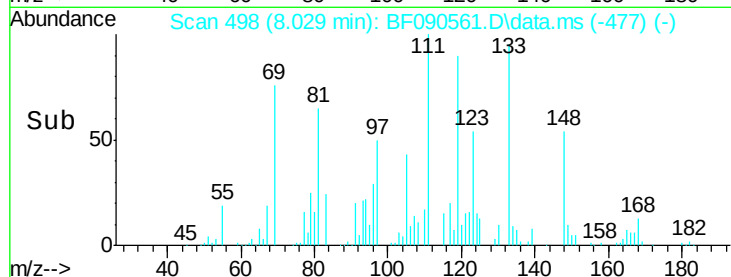
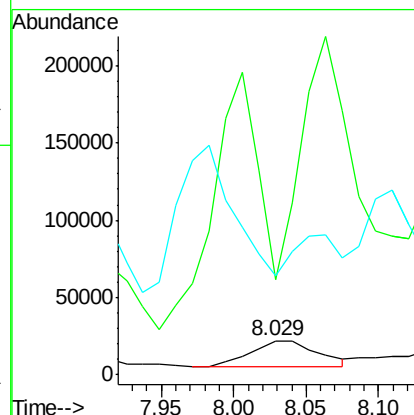
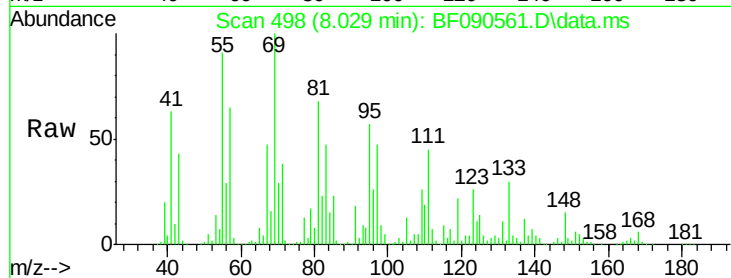
Tot Ion:122 Resp: 56394

Ion Ratio Lower Upper

122 100

105 279.9 101.1 141.1#

77 291.4 84.7 124.7#



#33

4-Chloroaniline

Concen: 9.88 ng

RT: 8.292 min Scan# 521

Delta R.T. 0.012 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Tgt Ion:127 Resp: 78572

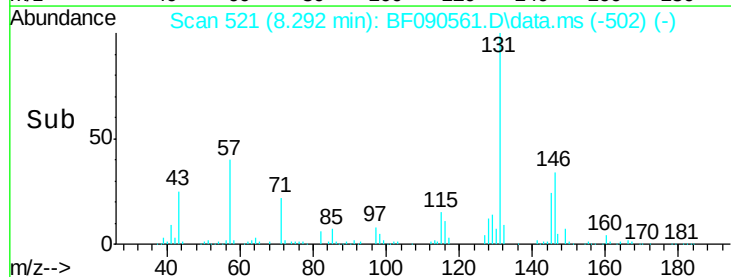
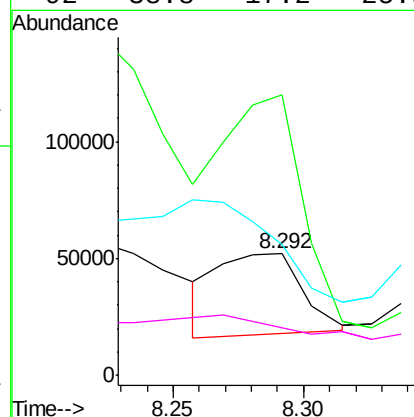
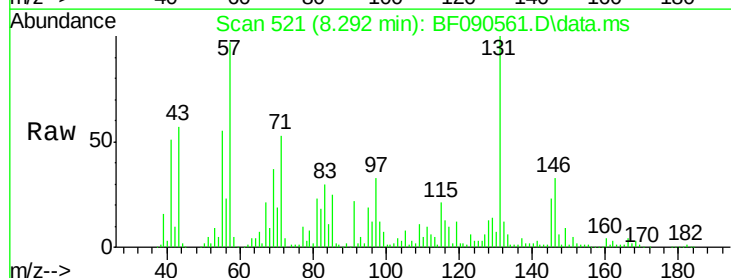
Ion Ratio Lower Upper

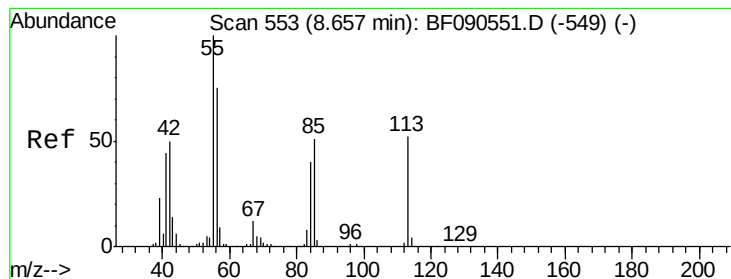
127 100

129 231.6 26.2 39.2#

65 108.0 30.1 45.1#

92 38.8 17.2 25.8#





#35

Caprolactam

Concen: 267.50 ng

RT: 8.680 min Scan# 55

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

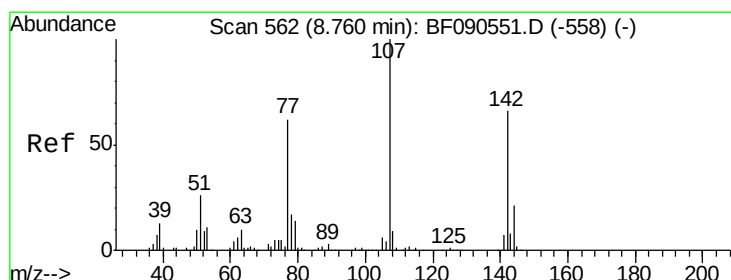
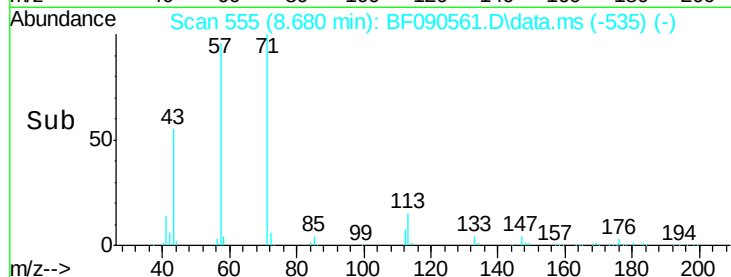
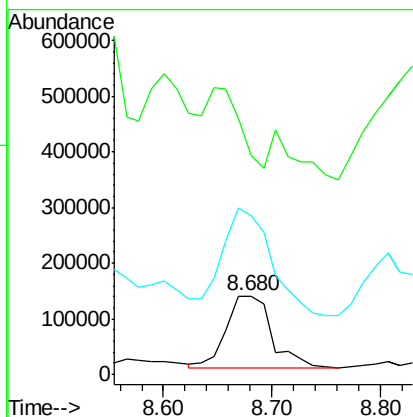
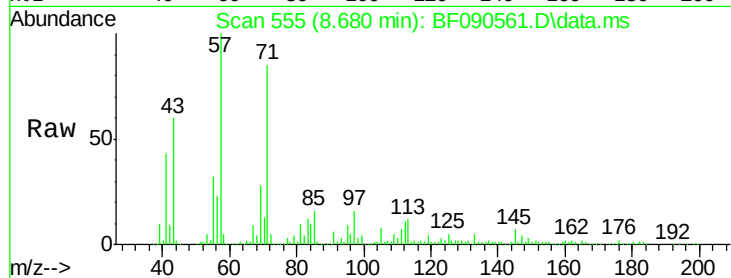
Tot Ion:113 Resp: 371353

Ion Ratio Lower Upper

113 100

55 278.2 170.8 210.8#

56 201.2 122.4 162.4#



#36

4-Chloro-3-methylphenol

Concen: 11.12 ng

RT: 8.783 min Scan# 564

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

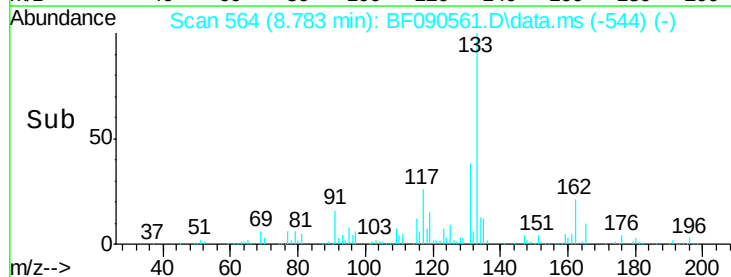
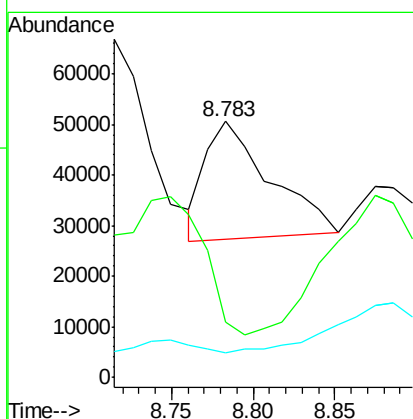
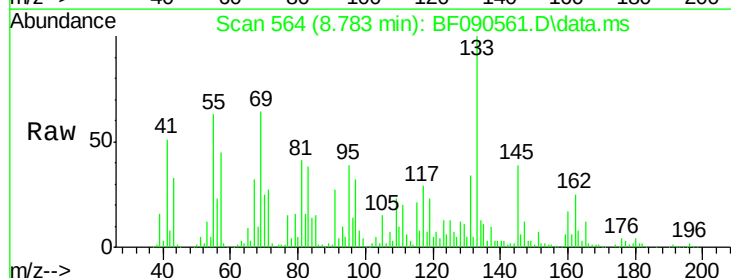
Tgt Ion:107 Resp: 63835

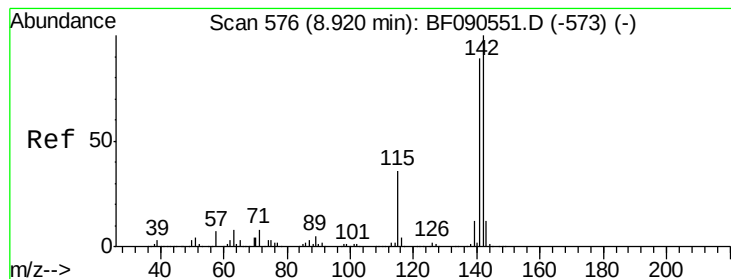
Ion Ratio Lower Upper

107 100

144 21.6 16.9 25.3

142 9.7 52.5 78.7#





#37

2-Methylnaphthalene

Concen: 57.24 ng

RT: 8.966 min Scan# 58

Delta R.T. 0.046 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

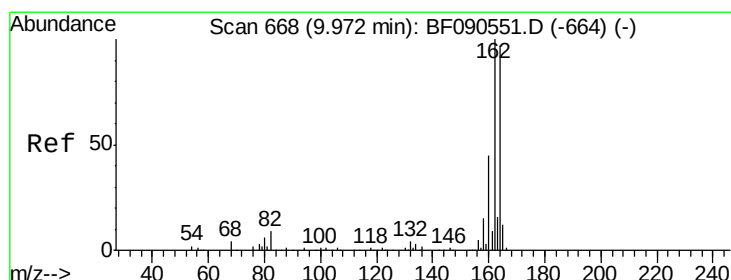
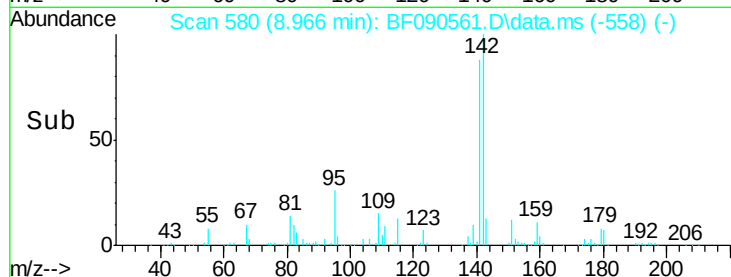
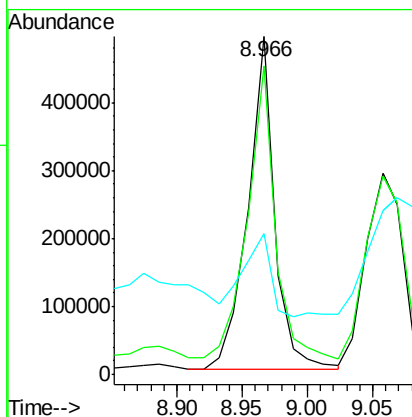
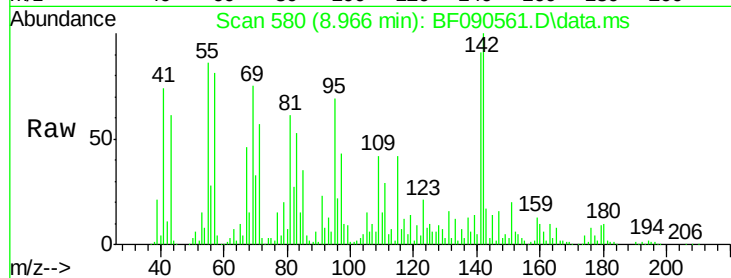
Tot Ion:142 Resp: 699210

Ion Ratio Lower Upper

142 100

141 91.2 71.3 106.9

115 41.6 28.8 43.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.006 min Scan# 671

Delta R.T. 0.034 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

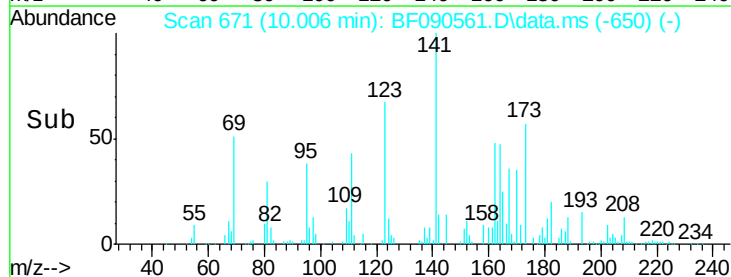
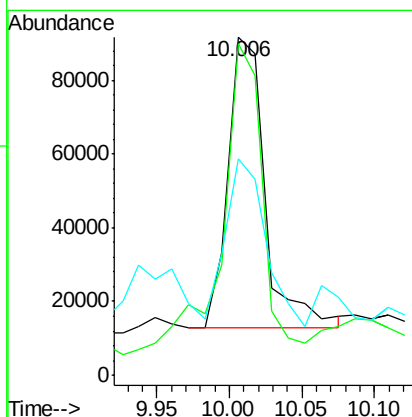
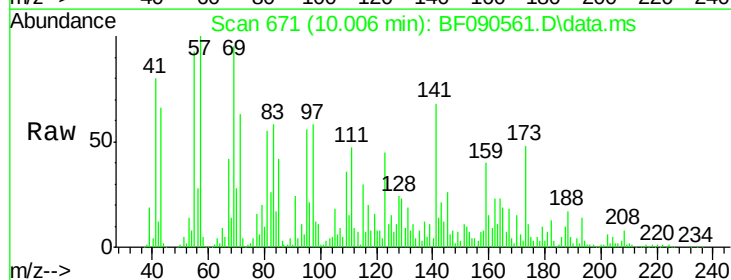
Tgt Ion:164 Resp: 139893

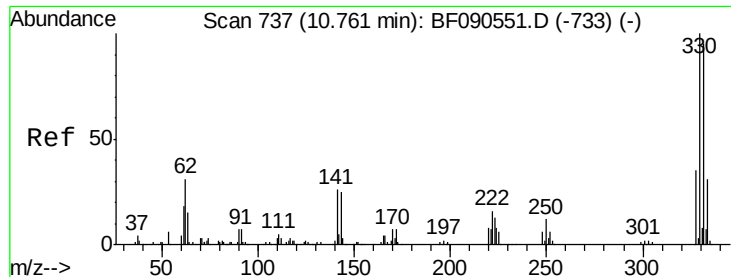
Ion Ratio Lower Upper

164 100

162 98.1 82.2 123.4

160 64.2 36.6 55.0#

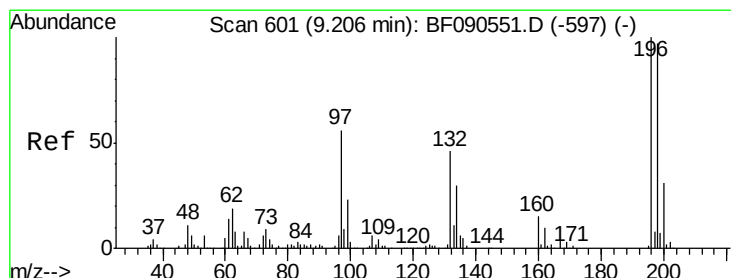
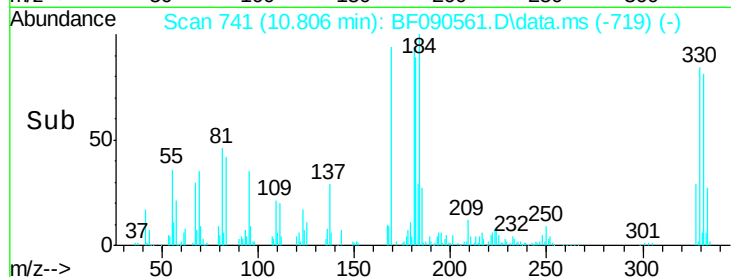
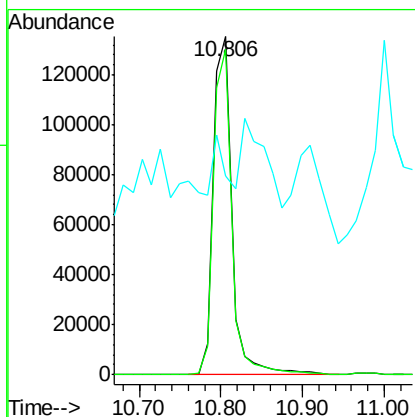
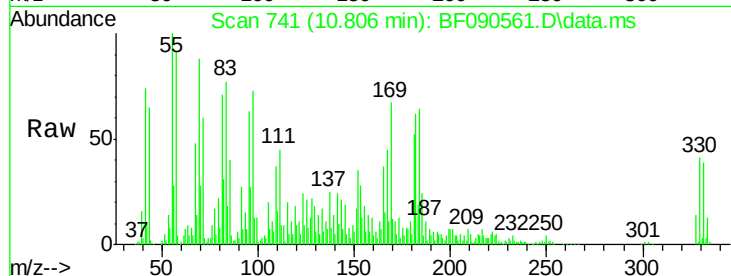




#41
 2,4,6-Tribromophenol
 Concen: 172.76 ng
 RT: 10.806 min Scan# 741
 Delta R.T. 0.046 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

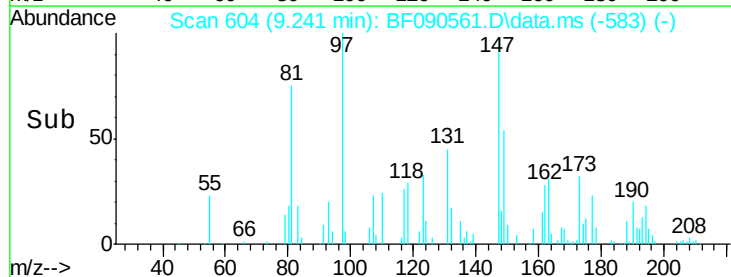
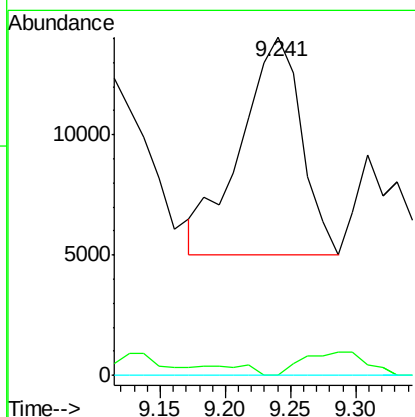
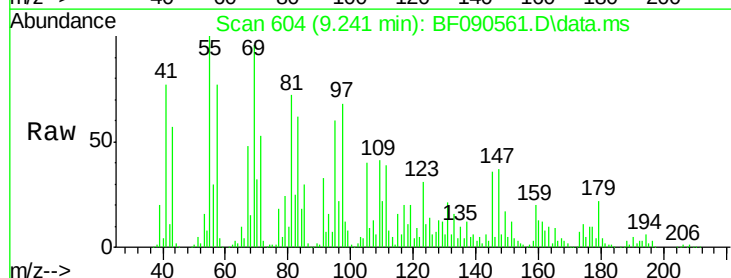
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

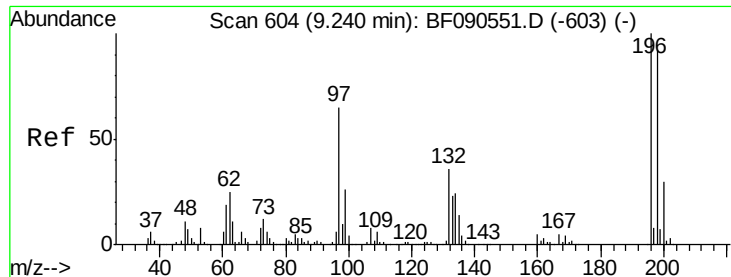
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.2
141	23.9	31.4	47.2#



#42
 2,4,6-Trichlorophenol
 Concen: 14.08 ng
 RT: 9.241 min Scan# 604
 Delta R.T. 0.034 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.9	116.9#
200	0.0	25.1	37.7#

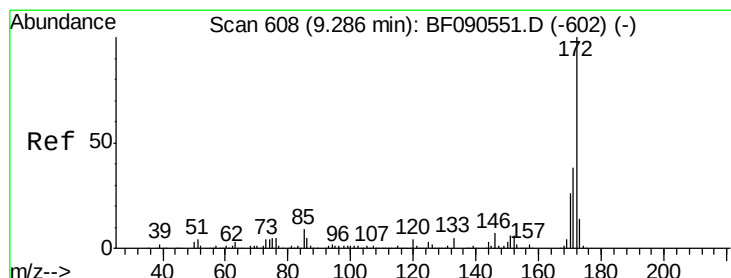
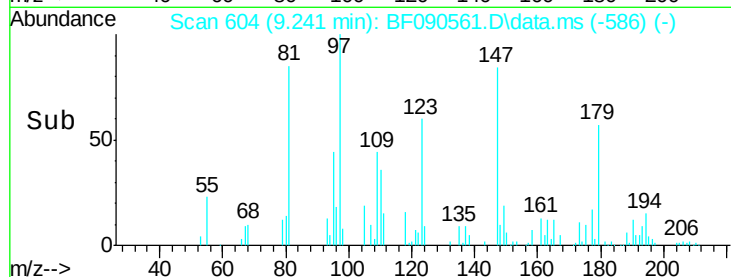
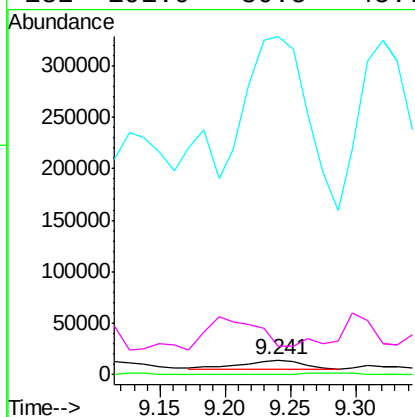
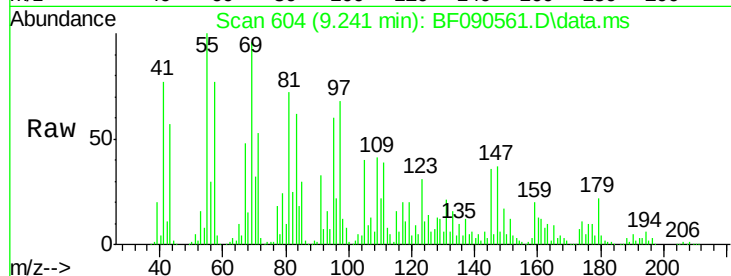




#43
2,4,5-Trichlorophenol
Concen: 11.81 ng
RT: 9.241 min Scan# 604
Delta R.T. 0.000 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

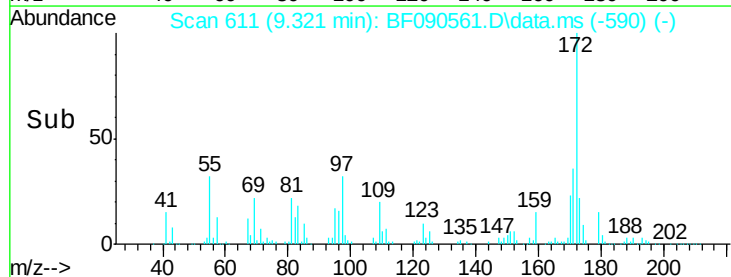
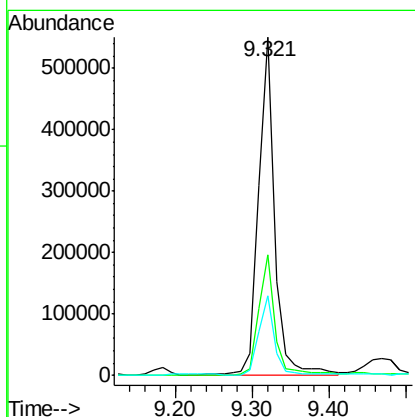
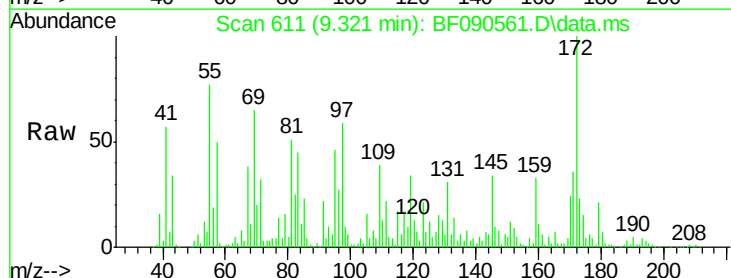
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

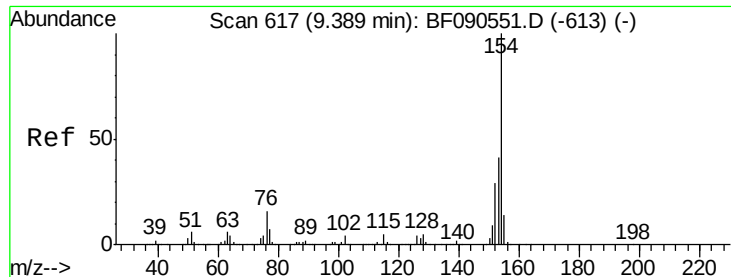
Tot Ion:196 Resp: 29465
Ion Ratio Lower Upper
196 100
198 0.0 74.0 111.0#
97 2338.0 54.7 82.1#
132 191.9 30.5 45.7#



#44
2-Fluorobiphenyl
Concen: 92.72 ng
RT: 9.321 min Scan# 611
Delta R.T. 0.034 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:172 Resp: 787229
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 23.5 20.6 30.8

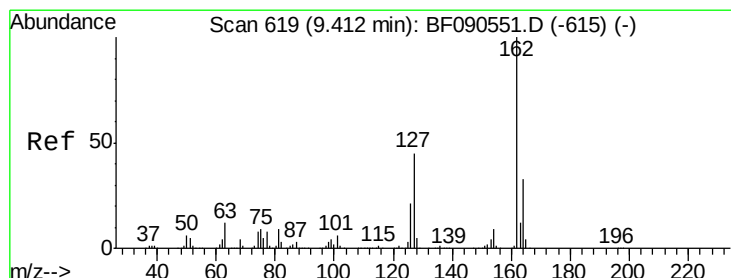
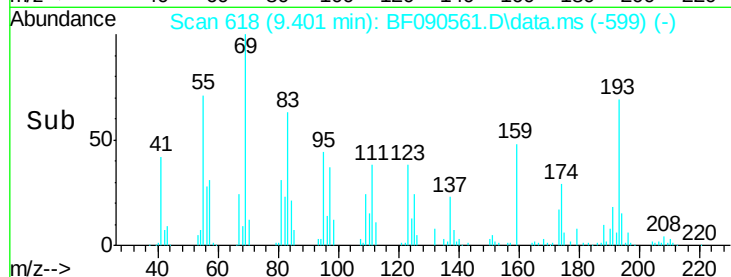
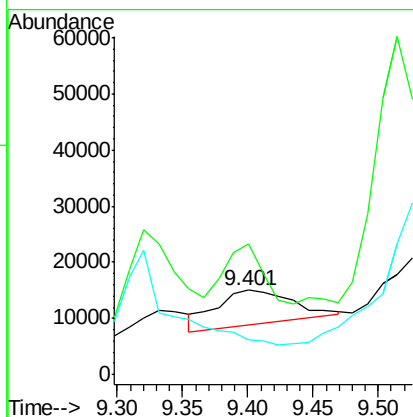
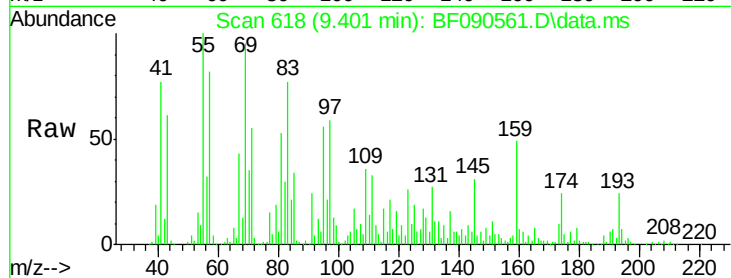




#45
 1,1'-Biphenyl
 Concen: 2.39 ng
 RT: 9.401 min Scan# 61
 Delta R.T. 0.012 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

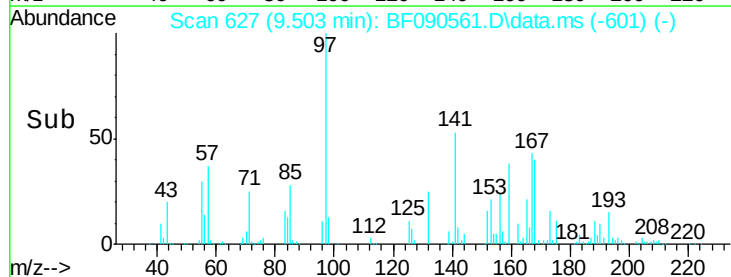
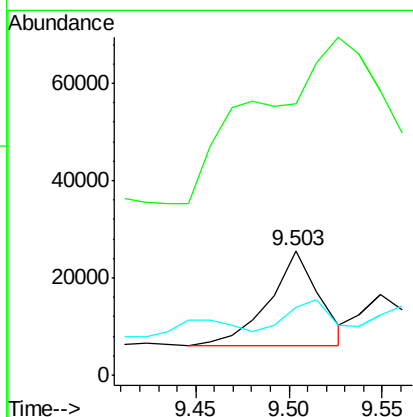
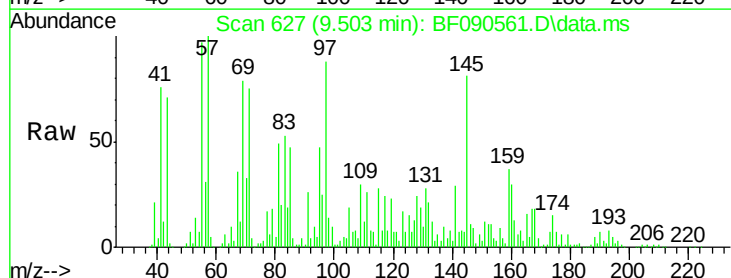
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

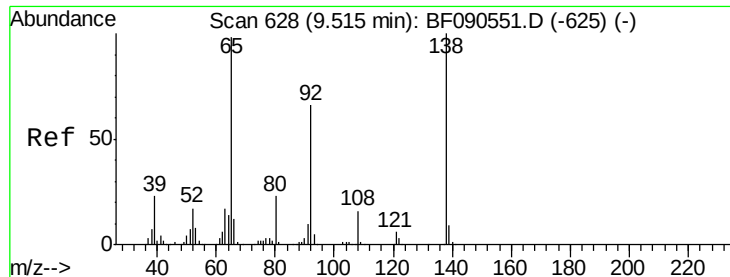
Tot Ion:154 Resp: 25475
 Ion Ratio Lower Upper
 154 100
 153 156.2 21.5 61.5#
 76 41.9 0.0 36.0#



#46
 2-Chloronaphthalene
 Concen: 4.53 ng
 RT: 9.503 min Scan# 627
 Delta R.T. 0.092 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

Tgt Ion:162 Resp: 35964
 Ion Ratio Lower Upper
 162 100
 127 218.1 35.9 53.9#
 164 55.0 26.7 40.1#

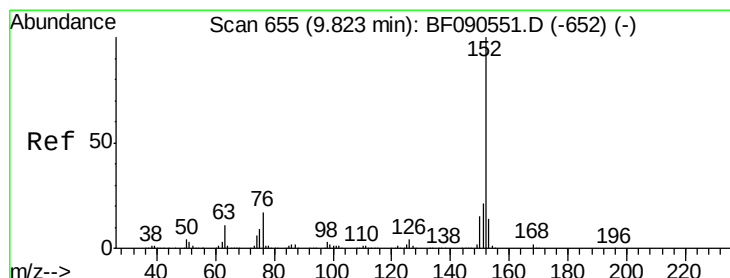
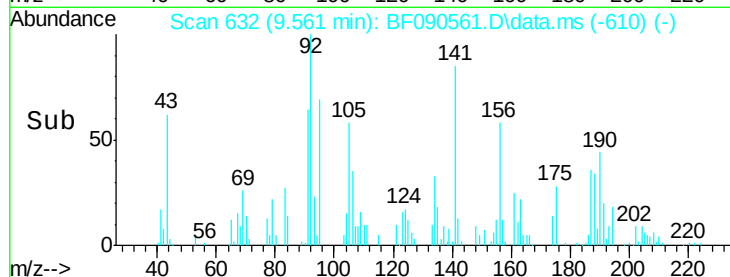
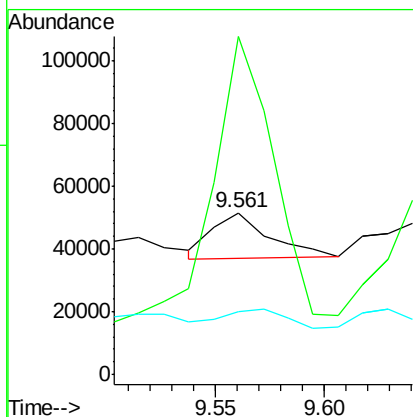
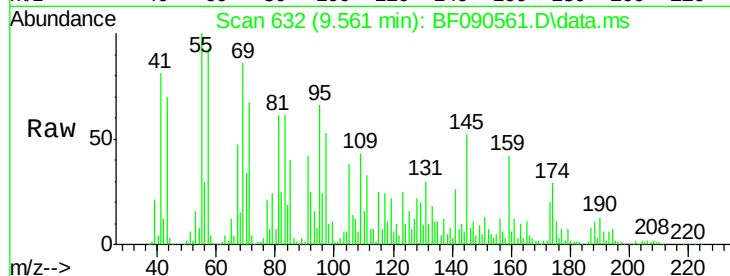




#47
2-Nitroaniline
Concen: 9.19 ng
RT: 9.561 min Scan# 63
Delta R.T. 0.047 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

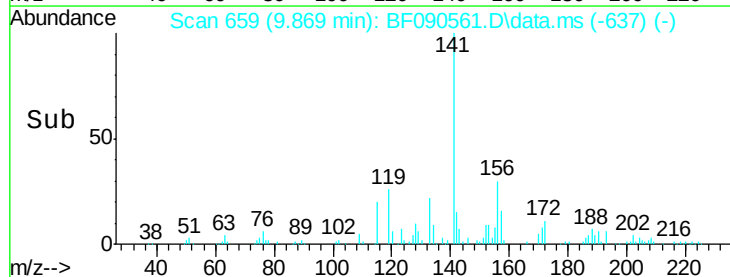
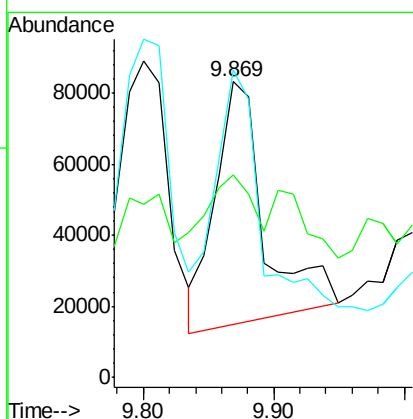
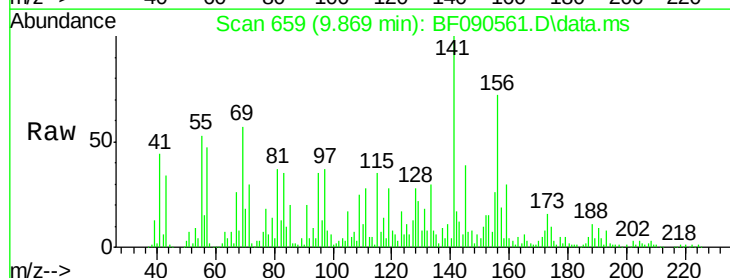
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

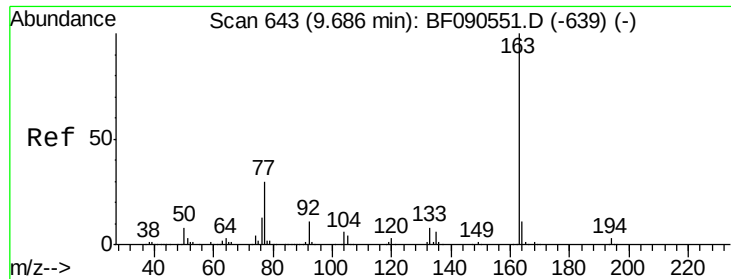
Tot Ion: 65 Resp: 26436
Ion Ratio Lower Upper
65 100
92 209.3 54.3 81.5#
138 39.3 81.7 122.5#



#48
Acenaphthylene
Concen: 14.19 ng
RT: 9.869 min Scan# 659
Delta R.T. 0.046 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion: 152 Resp: 179299
Ion Ratio Lower Upper
152 100
151 68.3 16.6 25.0#
153 104.0 11.3 16.9#





#49

Dimethylphthalate

Concen: 18.82 ng

RT: 9.709 min Scan# 64

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

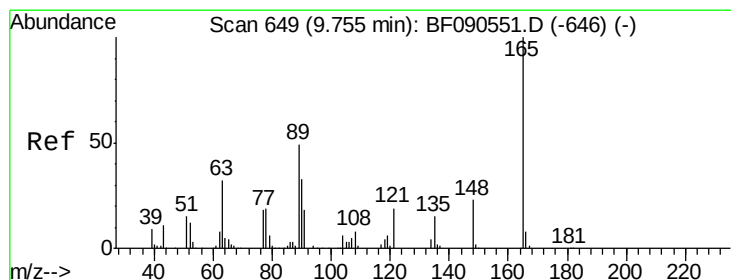
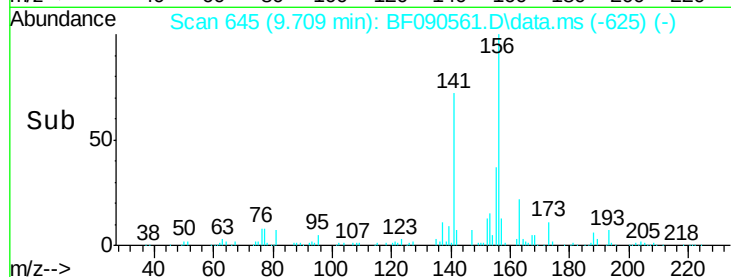
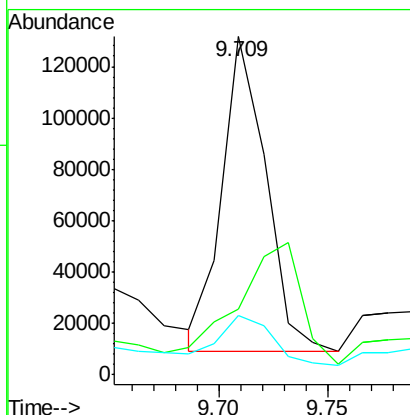
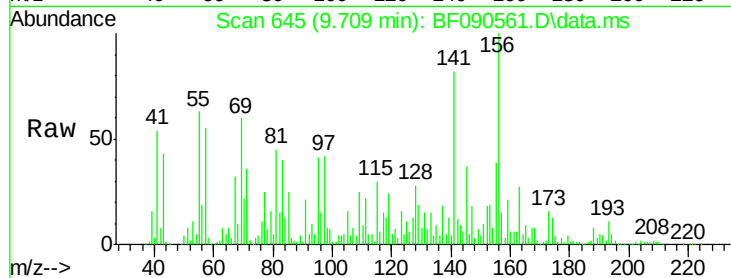
Tot Ion:163 Resp: 170794

Ion Ratio Lower Upper

163 100

194 19.3 2.3 3.5#

164 17.5 8.6 13.0#



#50

2,6-Dinitrotoluene

Concen: 97.99 ng

RT: 9.858 min Scan# 658

Delta R.T. 0.103 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

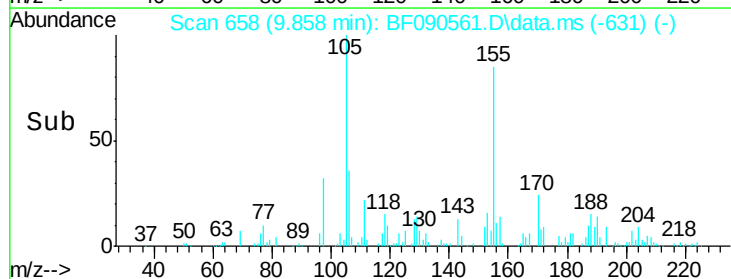
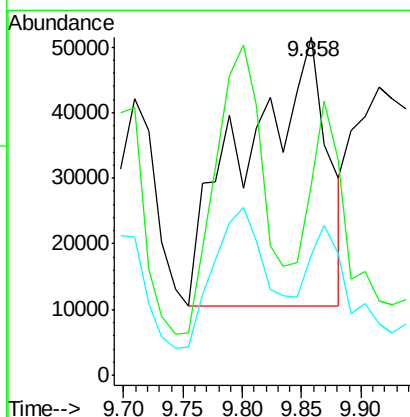
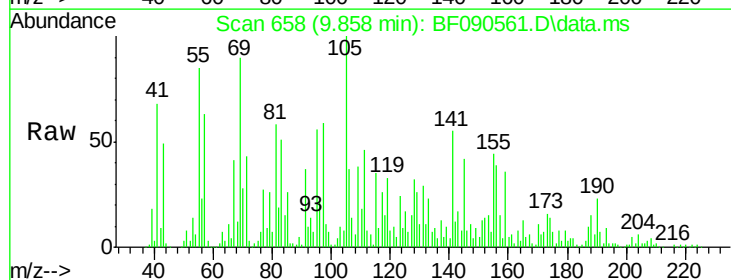
Tgt Ion:165 Resp: 194623

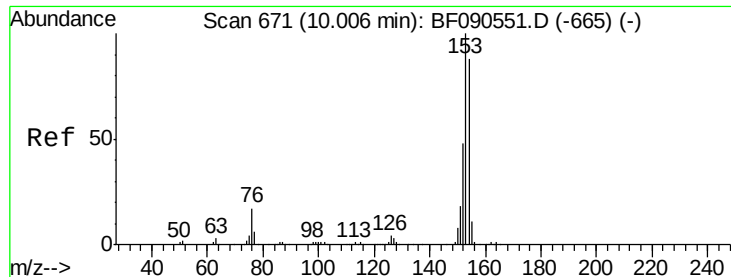
Ion Ratio Lower Upper

165 100

63 56.4 40.1 60.1

89 35.5 39.5 59.3#





#51

Acenaphthene

Concen: 27.42 ng

RT: 10.041 min Scan# 67

Delta R.T. 0.034 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

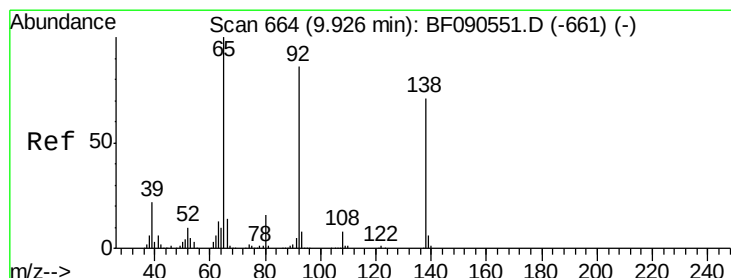
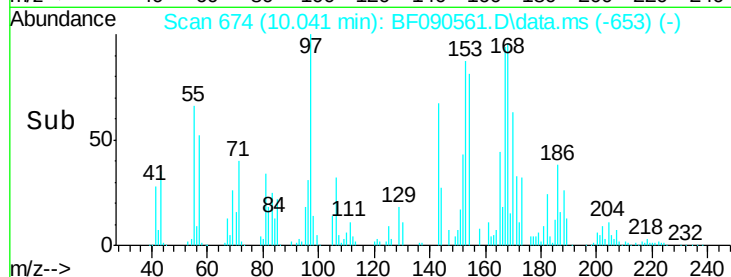
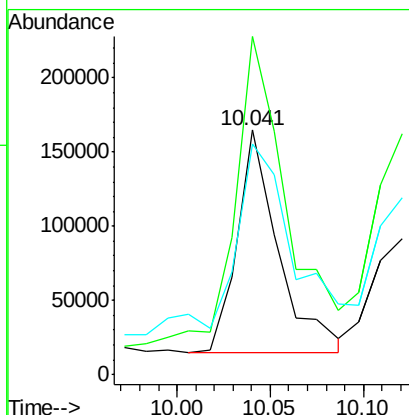
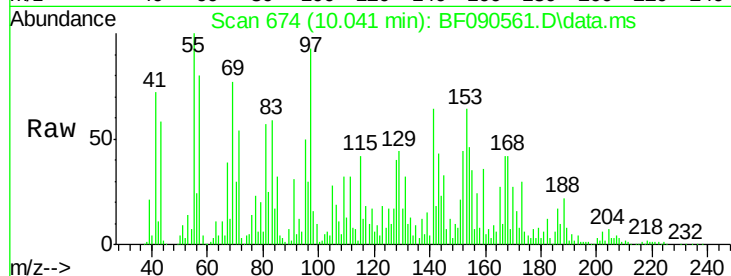
Tot Ion:154 Resp: 230342

Ion Ratio Lower Upper

154 100

153 138.5 91.2 136.8#

152 94.2 44.0 66.0#



#52

3-Nitroaniline

Concen: 11.36 ng

RT: 9.972 min Scan# 668

Delta R.T. 0.046 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

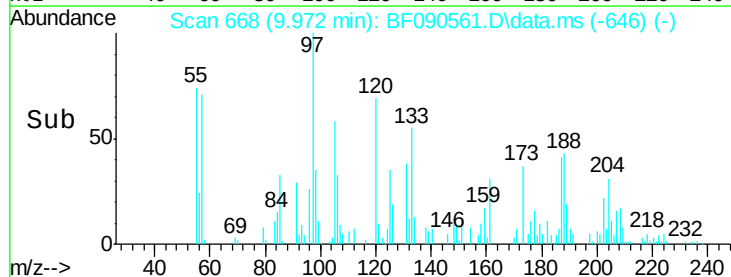
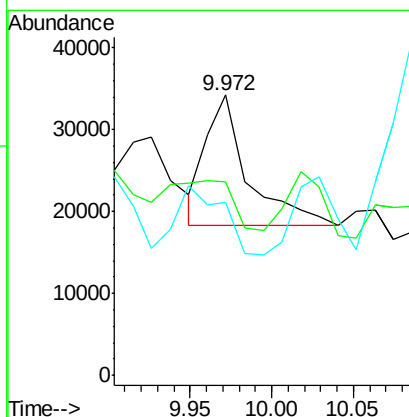
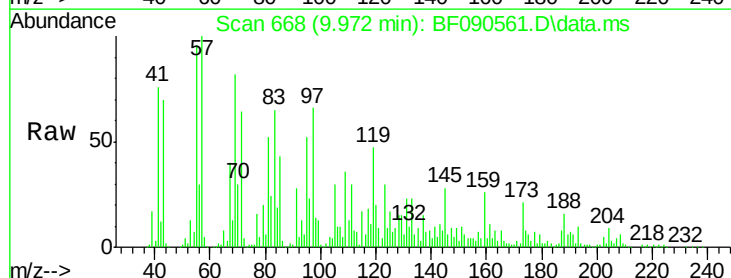
Tgt Ion:138 Resp: 28308

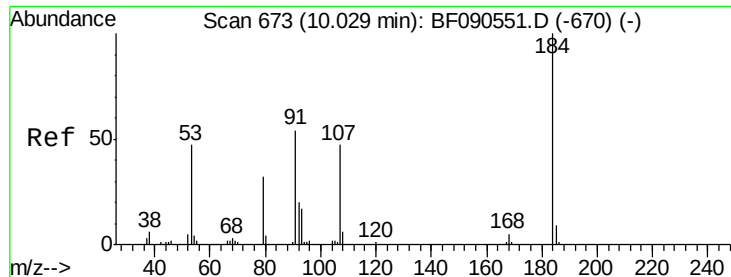
Ion Ratio Lower Upper

138 100

108 69.1 8.6 12.8#

92 61.6 97.8 146.8#





#53

2,4-Dinitrophenol

Concen: 6.64 ng

RT: 10.052 min Scan# 67

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

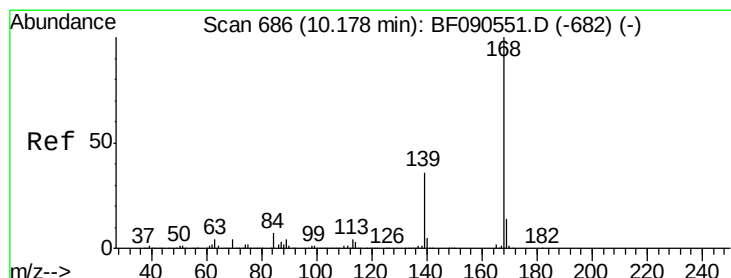
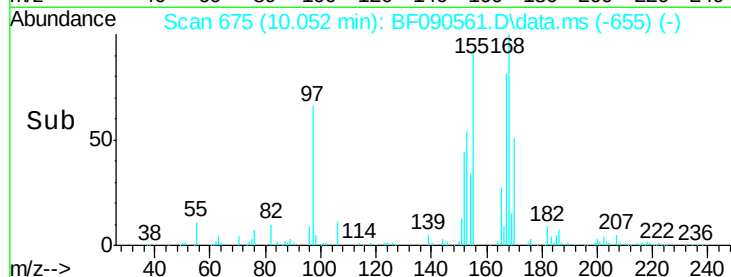
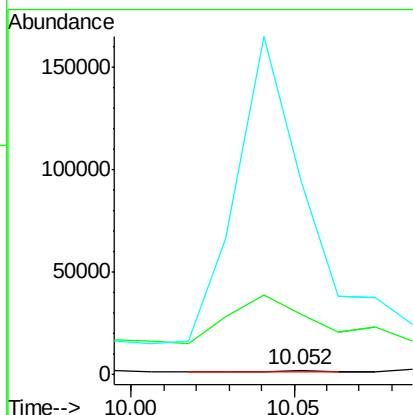
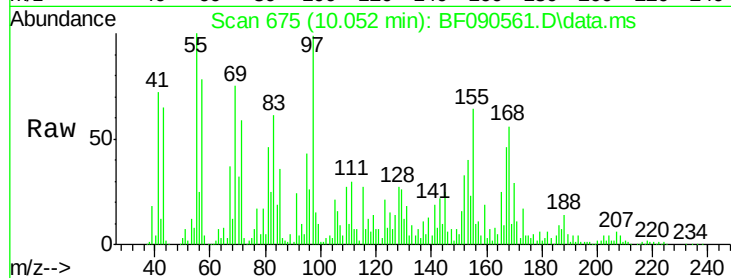
Tot Ion:184 Resp: 1114

Ion Ratio Lower Upper

184 100

63 1468.7 60.2 90.2#

154 4725.5 86.1 129.1#



#54

Dibenzofuran

Concen: 14.61 ng

RT: 10.212 min Scan# 689

Delta R.T. 0.034 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

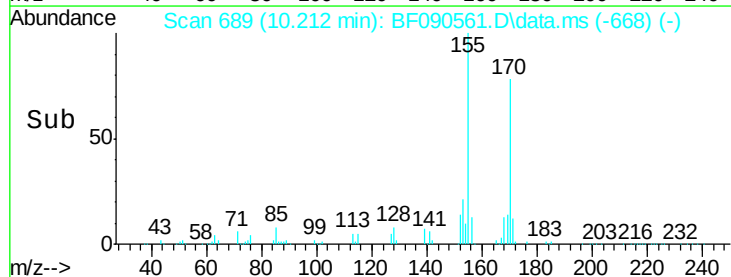
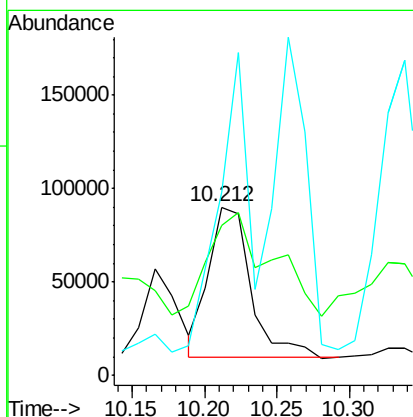
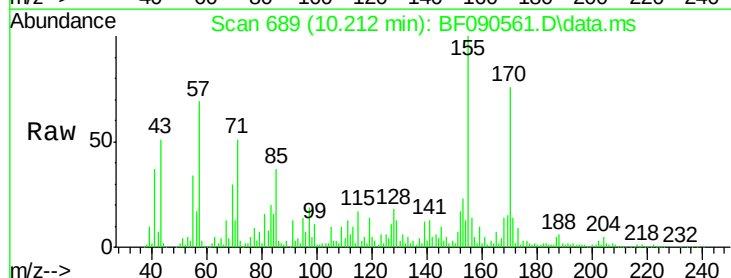
Tgt Ion:168 Resp: 161508

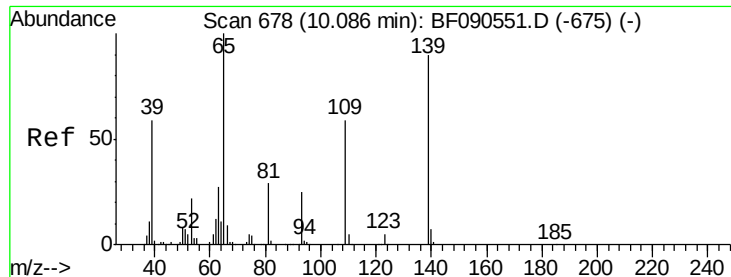
Ion Ratio Lower Upper

168 100

139 88.8 30.5 45.7#

169 108.8 10.9 16.3#

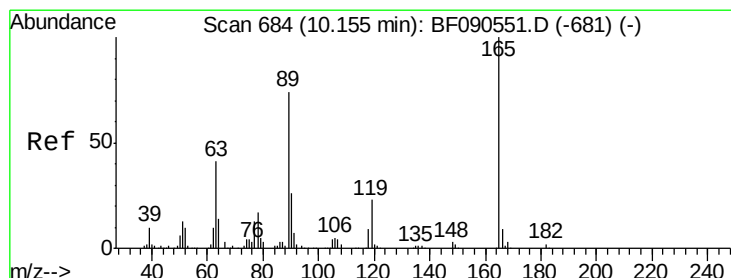
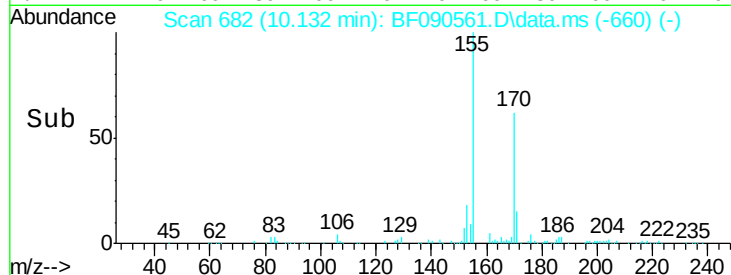
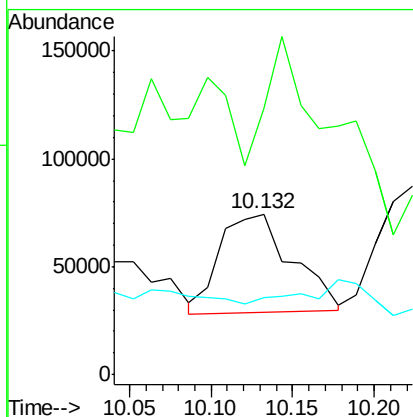
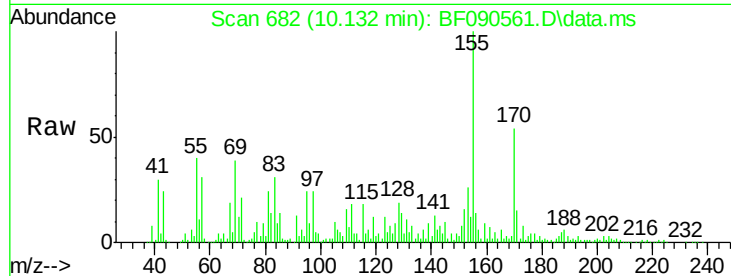




#55
4-Nitrophenol
Concen: 93.66 ng
RT: 10.132 min Scan# 68
Delta R.T. 0.046 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

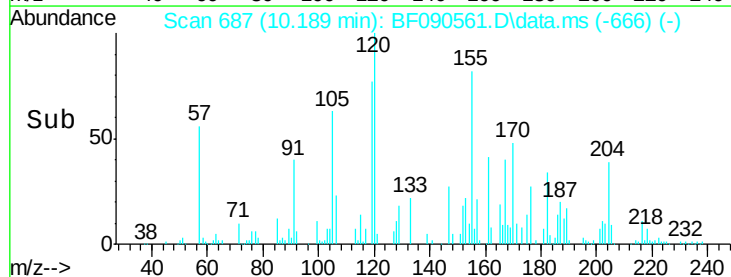
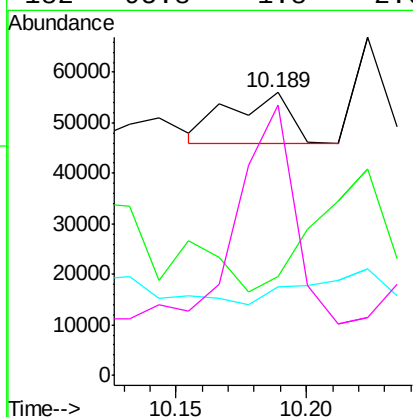
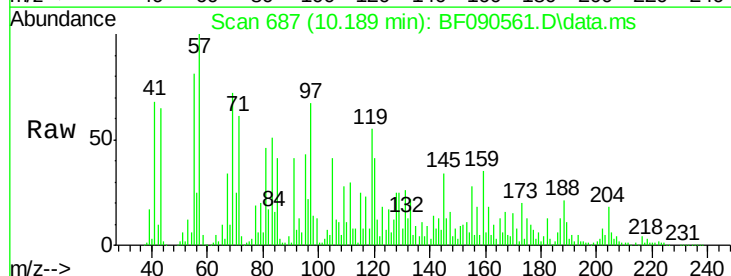
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

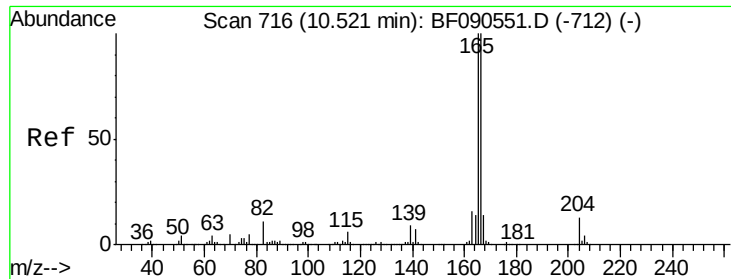
Tot Ion:139 Resp: 140473
Ion Ratio Lower Upper
139 100
109 166.7 45.9 85.9#
65 47.8 95.8 135.8#



#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 10.189 min Scan# 687
Delta R.T. 0.034 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:165 Resp: 15883
Ion Ratio Lower Upper
165 100
63 35.1 35.4 53.0#
89 31.4 59.0 88.4#
182 95.8 1.8 2.6#





#57

Fluorene

Concen: 56.29 ng

RT: 10.566 min Scan# 72

Delta R.T. 0.046 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

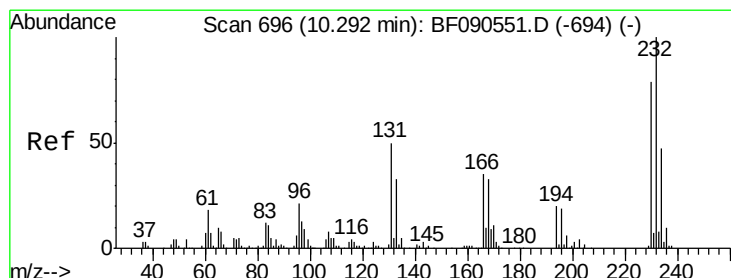
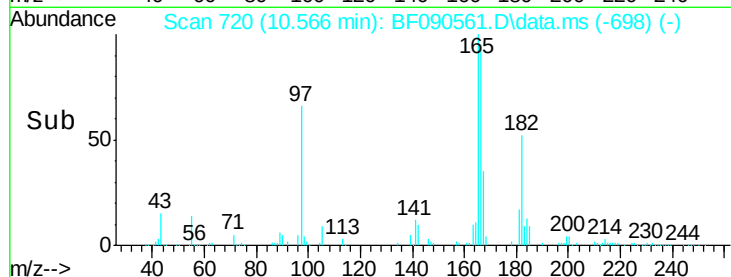
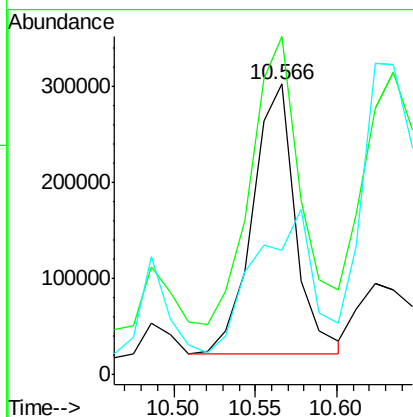
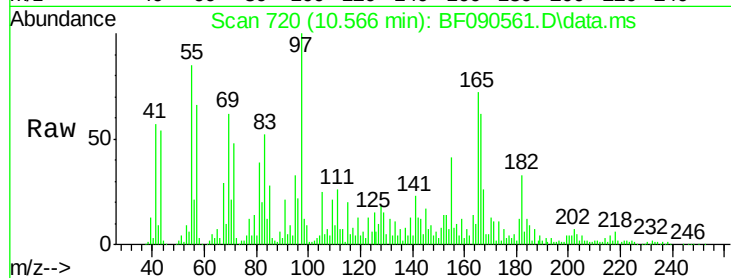
Tot Ion:166 Resp: 513139

Ion Ratio Lower Upper

166 100

165 116.5 79.9 119.9

167 42.9 10.9 16.3#



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.00 ng

RT: 10.315 min Scan# 698

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Tgt Ion:232 Resp: 8308

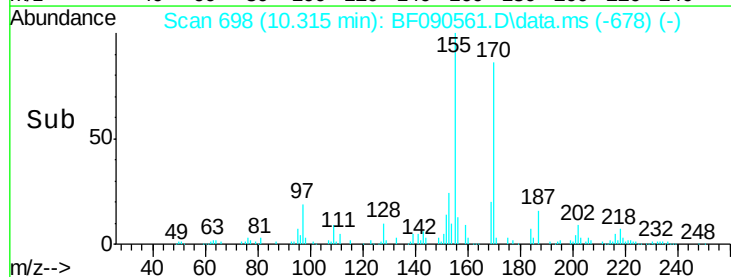
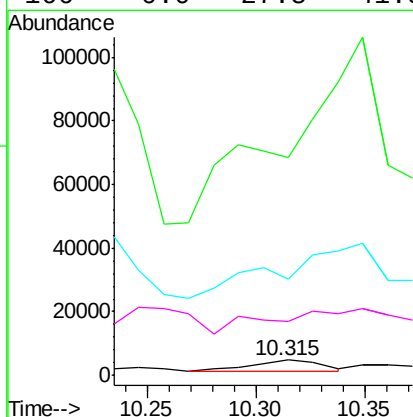
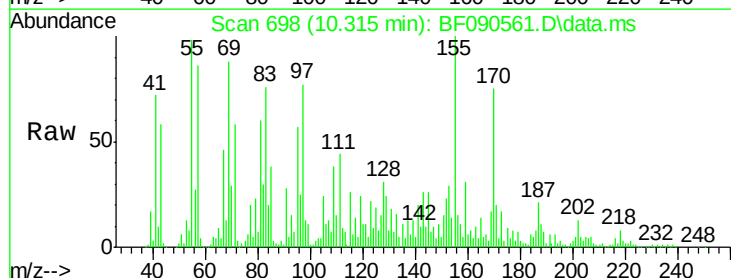
Ion Ratio Lower Upper

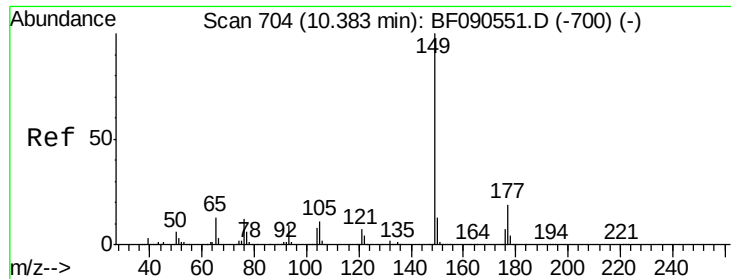
232 100

131 0.0 42.6 64.0#

130 0.0 1.8 2.8#

166 0.0 27.5 41.3#

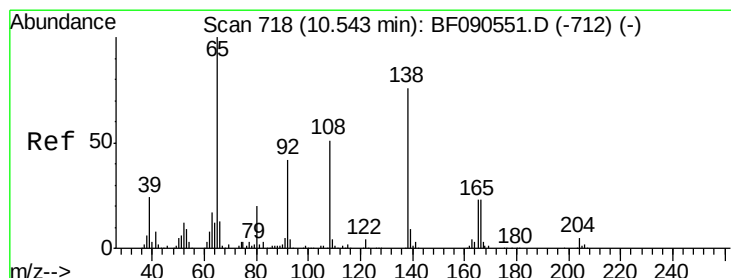
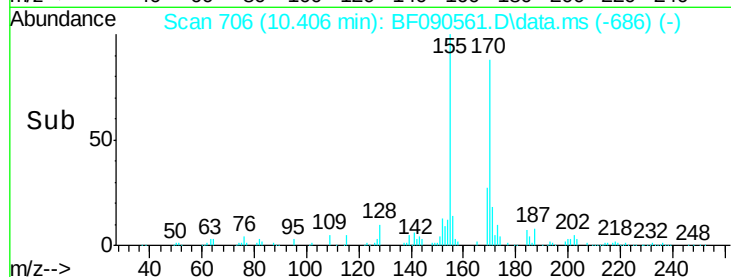
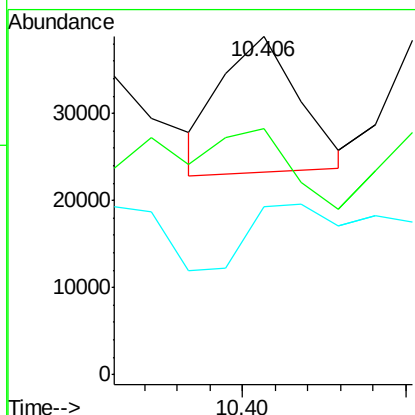
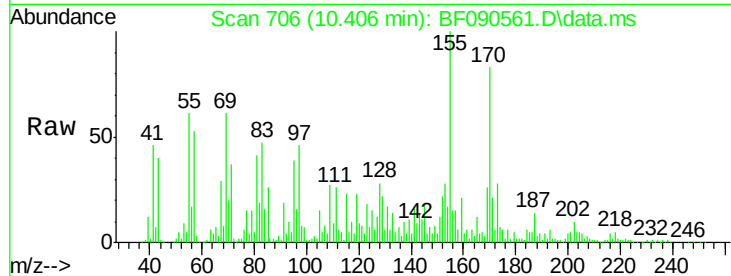




#59
Diethylphthalate
Concen: 2.78 ng
RT: 10.406 min Scan# 70
Delta R.T. 0.023 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

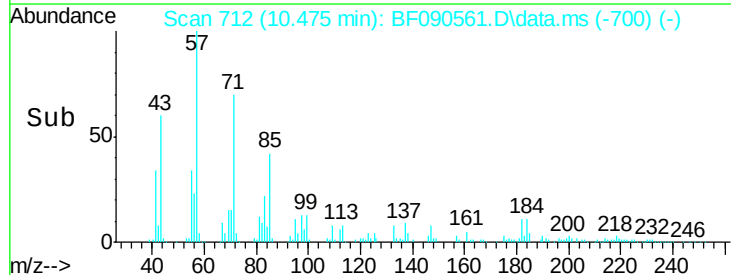
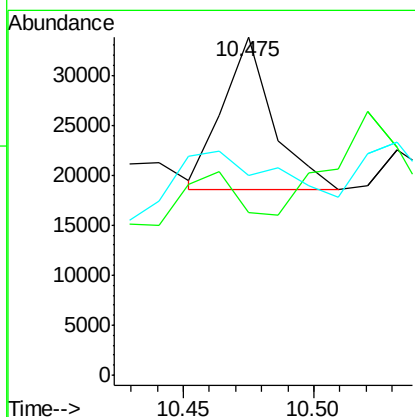
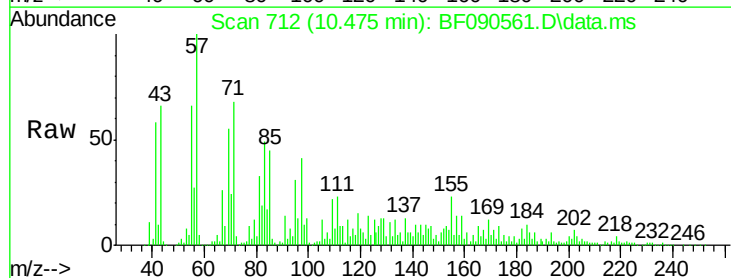
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

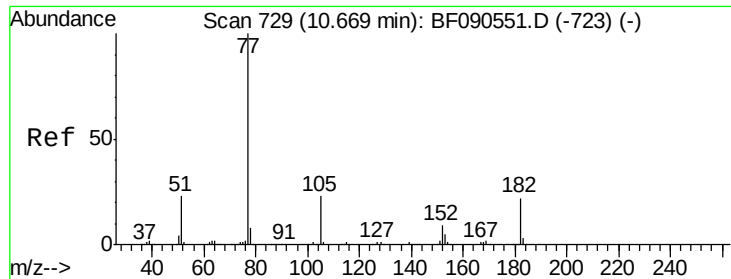
Tot Ion:149 Resp: 25591
Ion Ratio Lower Upper
149 100
177 72.9 15.3 22.9#
150 49.5 10.3 15.5#



#61
4-Nitroaniline
Concen: 8.21 ng
RT: 10.475 min Scan# 712
Delta R.T. -0.068 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:138 Resp: 20519
Ion Ratio Lower Upper
138 100
92 48.2 35.7 75.7
108 59.3 46.9 86.9





#62

Azobenzene

Concen: 16.06 ng

RT: 10.726 min Scan# 73

Delta R.T. 0.057 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

Tot Ion: 77 Resp: 170970

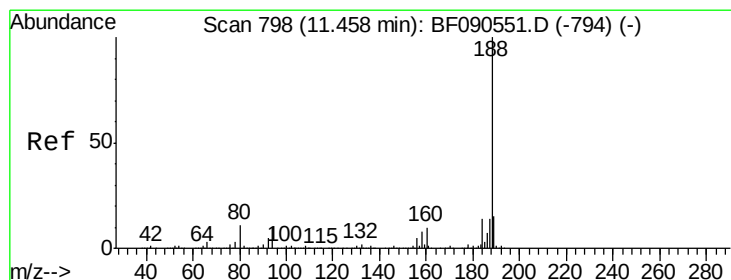
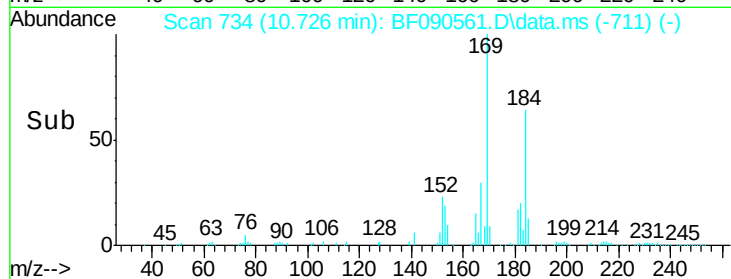
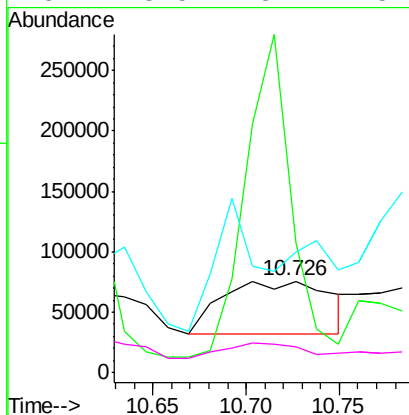
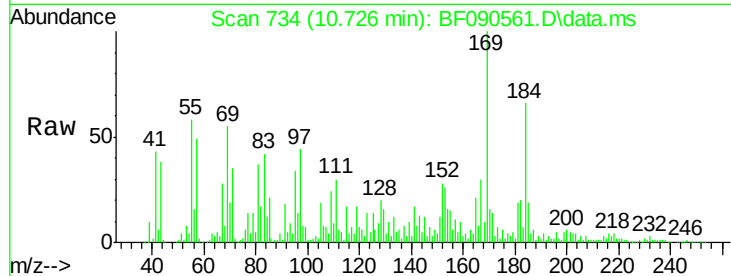
Ion Ratio Lower Upper

77 100

182 141.6 2.2 42.2#

105 131.3 3.5 43.5#

51 28.5 3.7 43.7



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.492 min Scan# 801

Delta R.T. 0.034 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

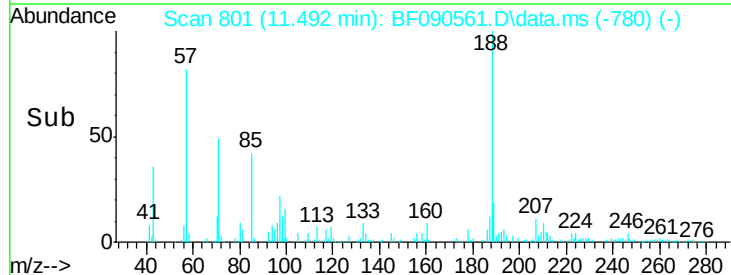
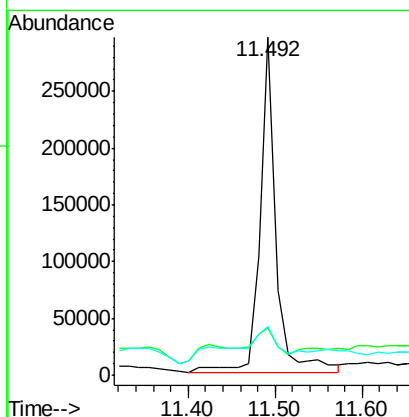
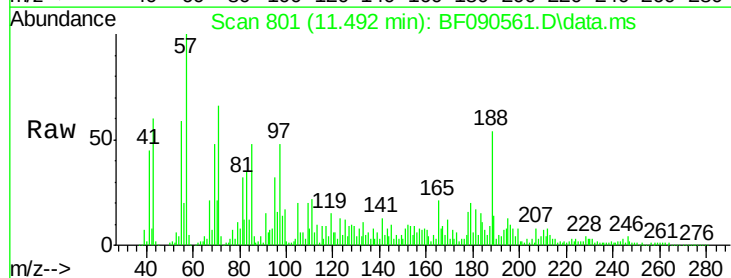
Tgt Ion: 188 Resp: 379607

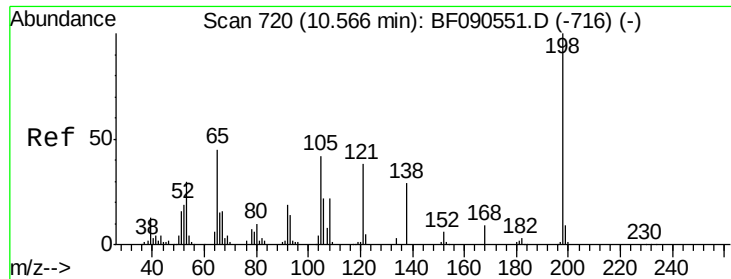
Ion Ratio Lower Upper

188 100

94 14.0 7.7 11.5#

80 14.6 8.6 12.8#

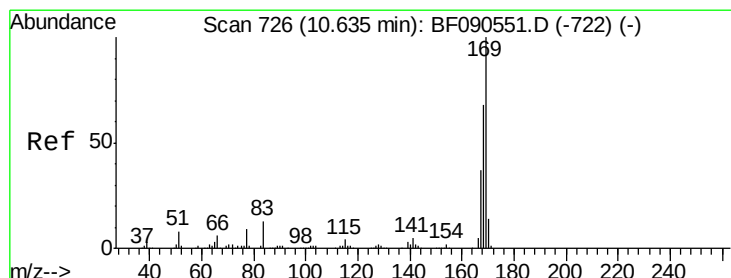
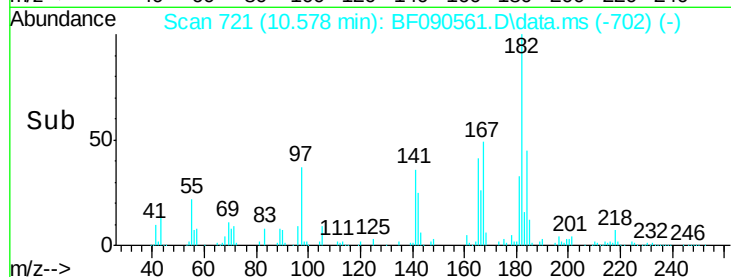
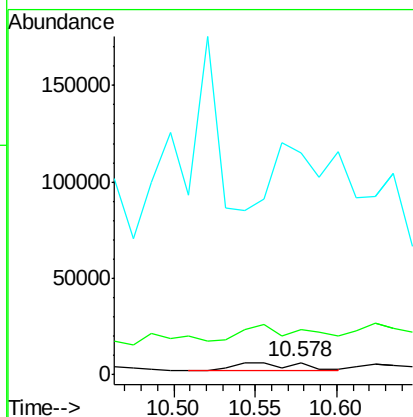
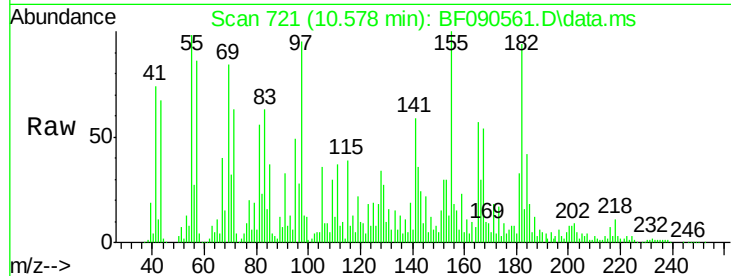




#64
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 10.578 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

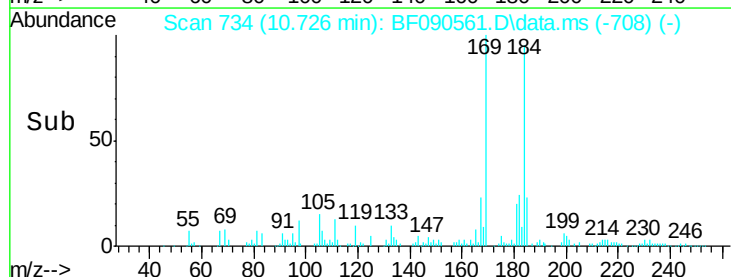
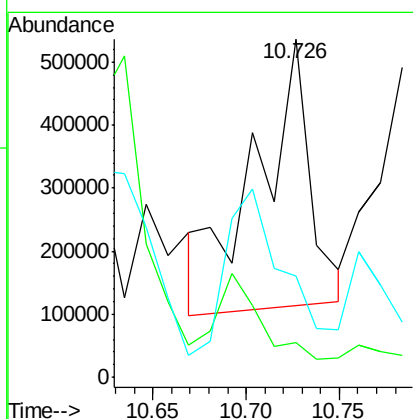
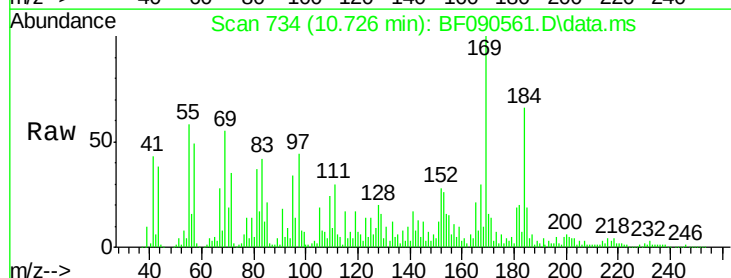
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

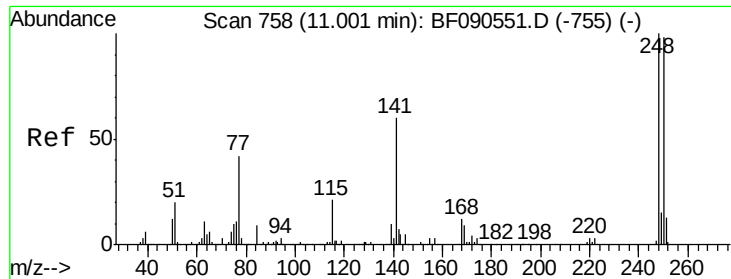
Tot Ion:198 Resp: 10185
Ion Ratio Lower Upper
198 100
51 365.2 19.7 59.7#
105 1807.0 22.6 62.6#



#65
n-Nitrosodiphenylamine
Concen: 67.93 ng
RT: 10.726 min Scan# 734
Delta R.T. 0.092 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:169 Resp: 851755
Ion Ratio Lower Upper
169 100
168 10.2 54.6 81.8#
167 29.8 29.8 44.8

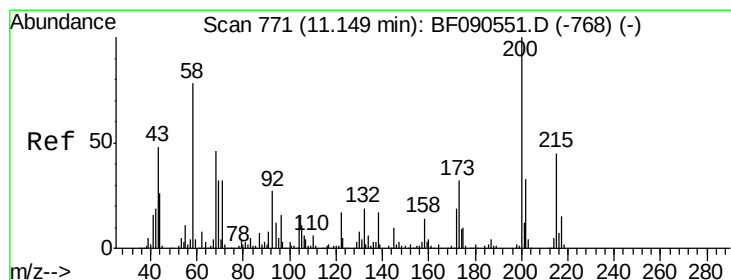
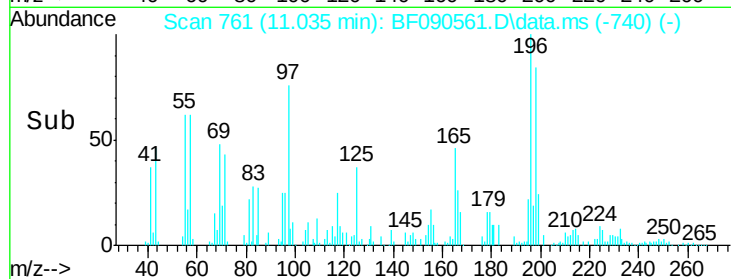
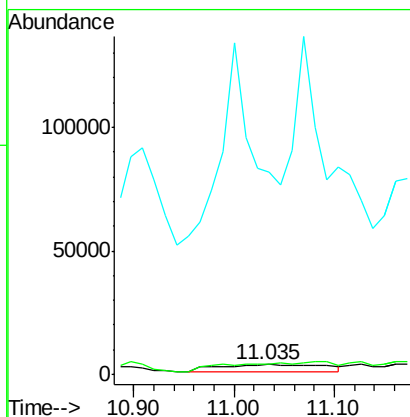
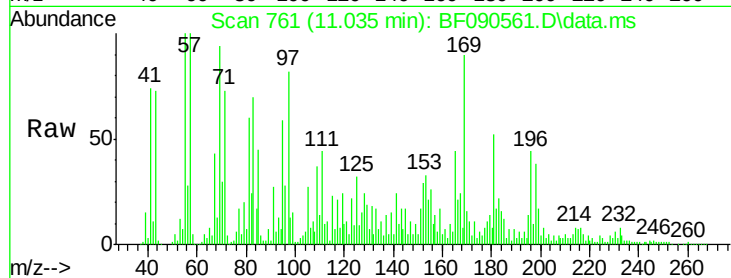




#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 11.035 min Scan# 76
Delta R.T. 0.034 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

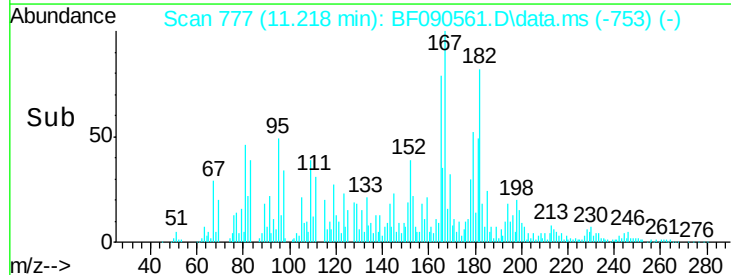
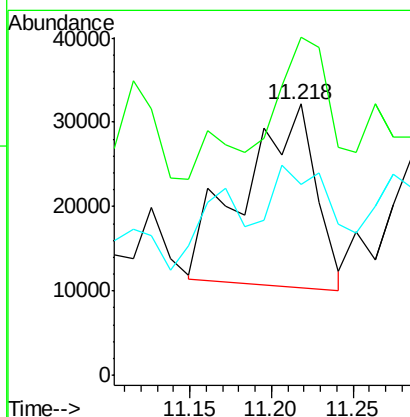
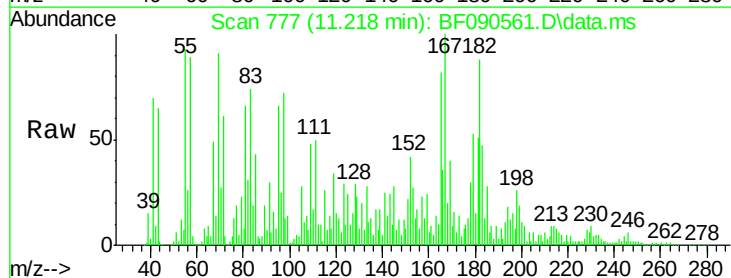
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

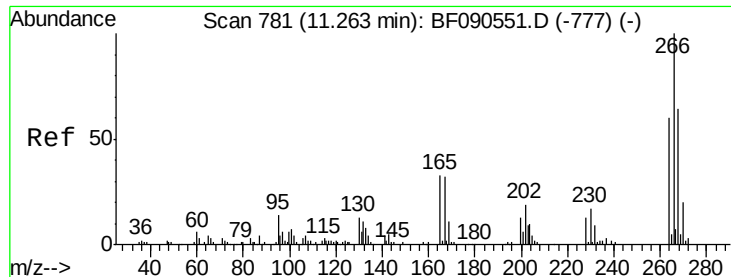
Tot Ion:248 Resp: 21326
Ion Ratio Lower Upper
248 100
250 107.7 78.4 117.6
141 2016.8 48.4 72.6#



#68
Atrazine
Concen: 18.88 ng
RT: 11.218 min Scan# 777
Delta R.T. 0.069 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:200 Resp: 65483
Ion Ratio Lower Upper
200 100
173 124.7 12.0 52.0#
215 70.4 25.2 65.2#

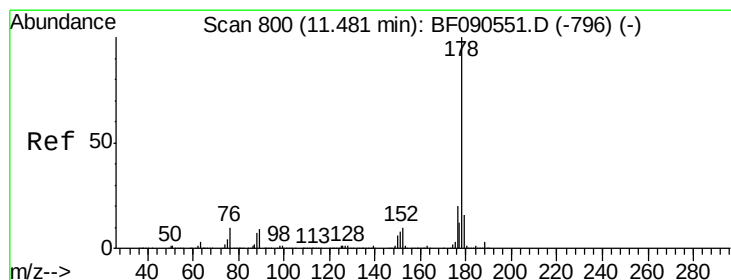
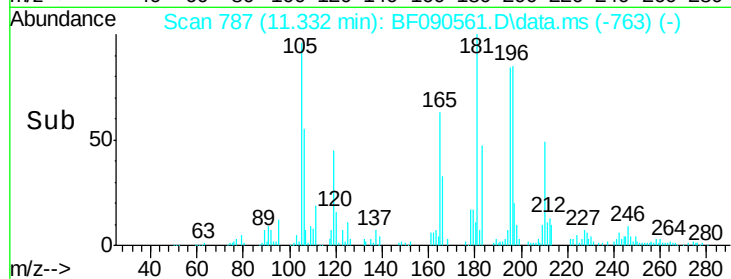
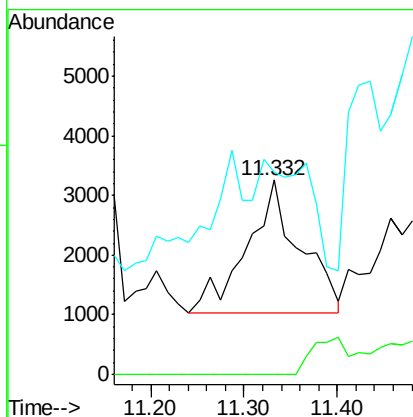
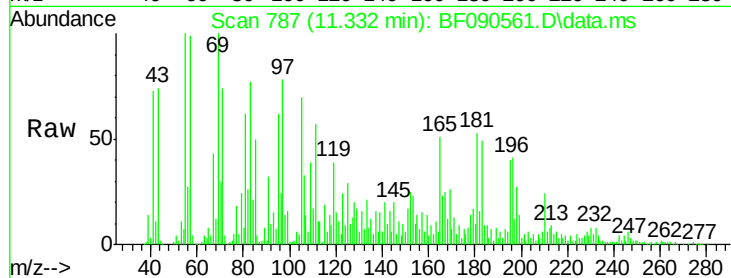




#69
 Pentachlorophenol
 Concen: 4.07 ng
 RT: 11.332 min Scan# 78
 Delta R.T. 0.069 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

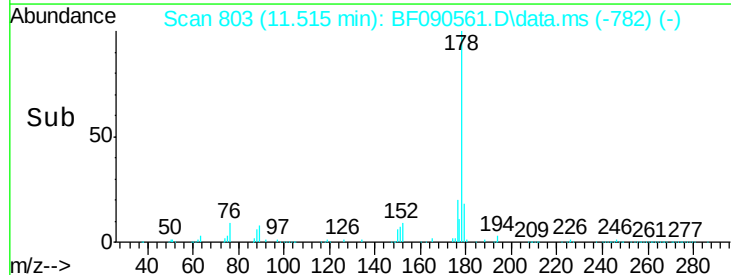
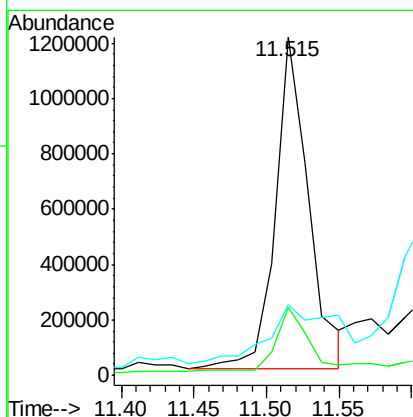
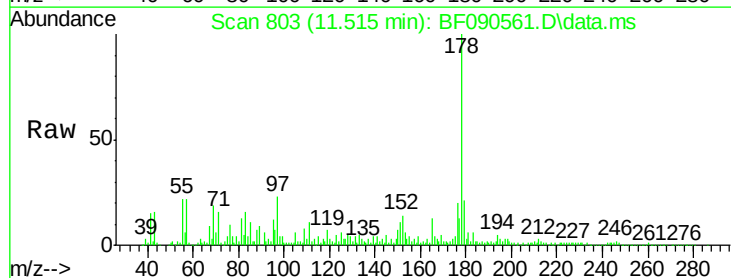
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

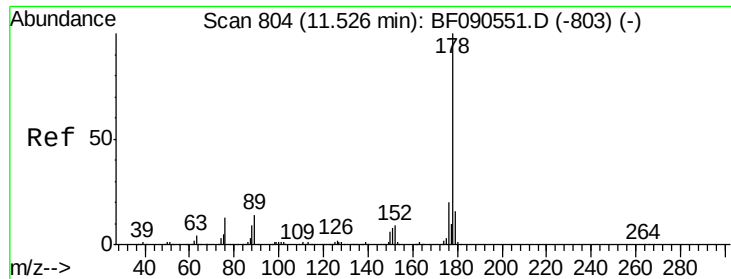
Tot Ion:266 Resp: 8918
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 104.4 47.9 71.9#



#70
 Phenanthrene
 Concen: 93.35 ng
 RT: 11.515 min Scan# 803
 Delta R.T. 0.034 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

Tgt Ion:178 Resp: 1891649
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.1 24.1
 179 21.0 12.6 19.0#

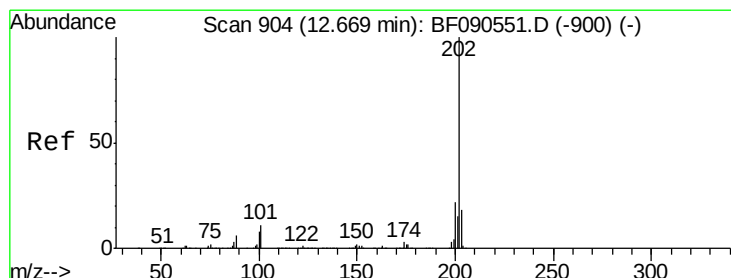
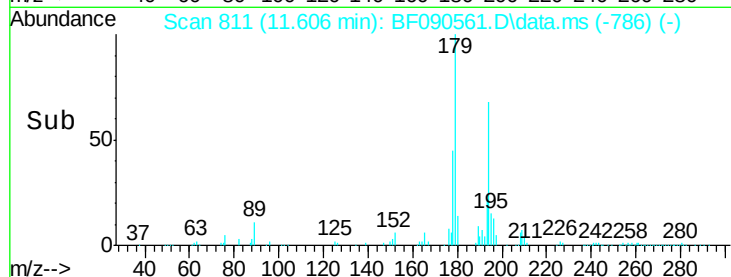
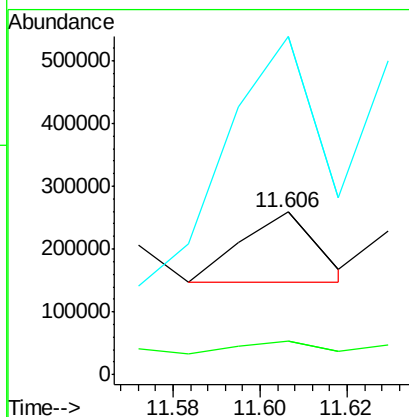
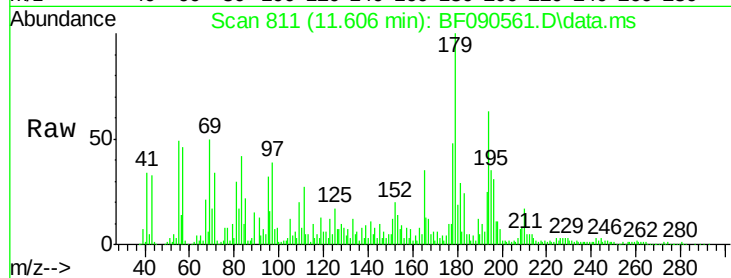




#71
 Anthracene
 Concen: 6.20 ng
 RT: 11.606 min Scan# 81
 Delta R.T. 0.080 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

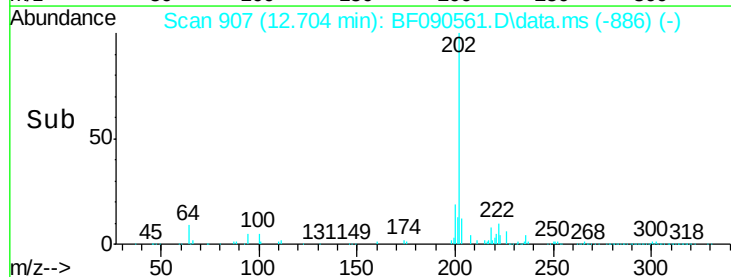
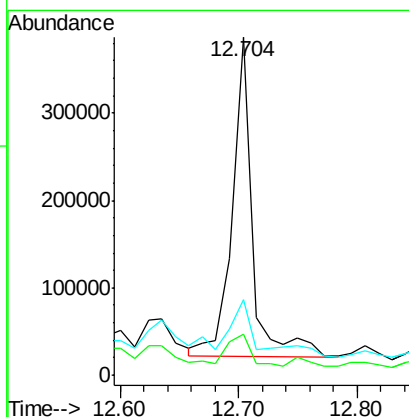
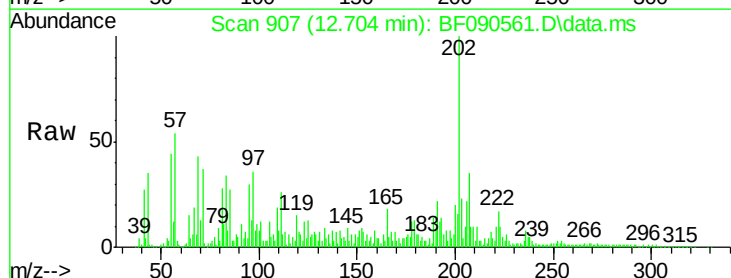
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(6-8)

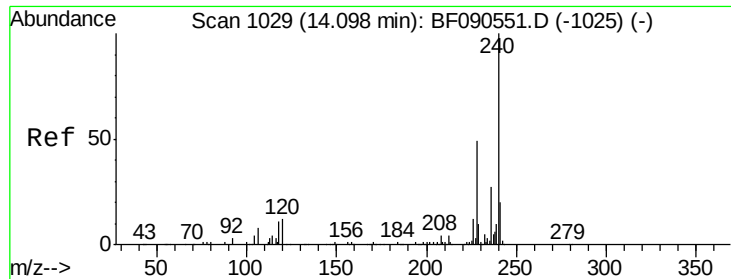
Tot Ion:178 Resp: 135124
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.5 23.3
 179 208.2 13.0 19.4#



#74
 Fluoranthene
 Concen: 21.04 ng
 RT: 12.704 min Scan# 907
 Delta R.T. 0.034 min
 Lab File: BF090561.D
 Acq: 14 Oct 2016 11:07

Tgt Ion:202 Resp: 428922
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.1
 203 22.6 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

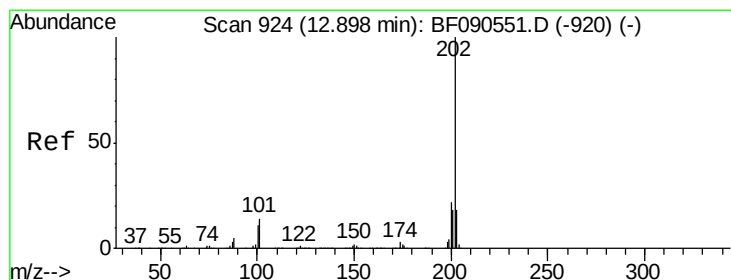
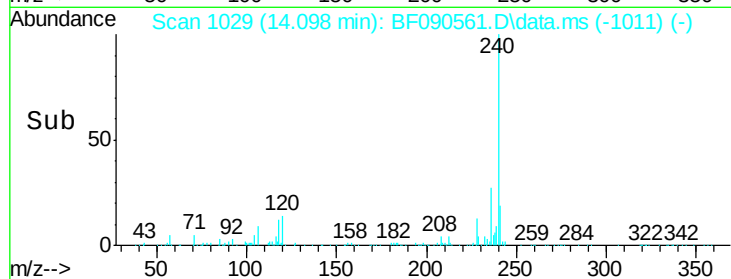
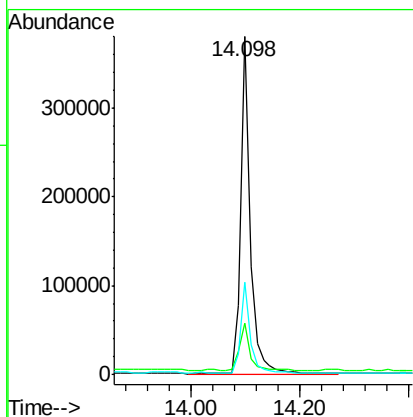
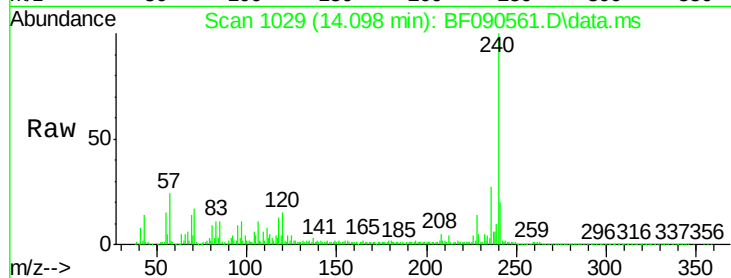
Tot Ion:240 Resp: 451138

Ion Ratio Lower Upper

240 100

120 15.3 9.8 14.8#

236 27.3 21.7 32.5



#77

Pyrene

Concen: 21.09 ng

RT: 12.921 min Scan# 926

Delta R.T. 0.023 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

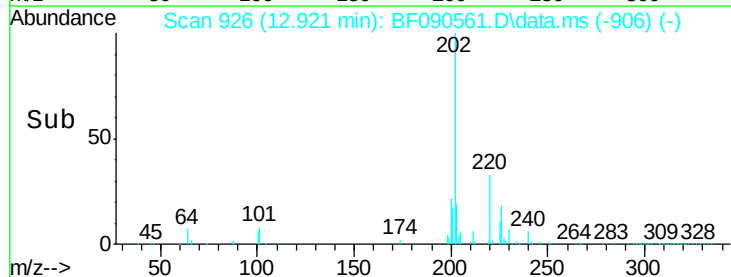
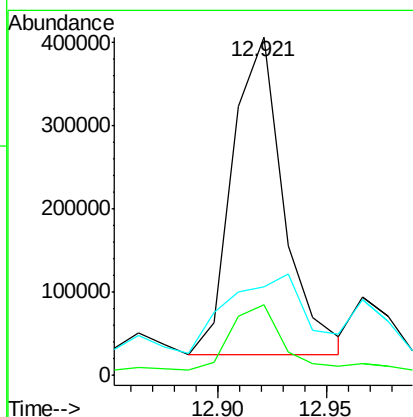
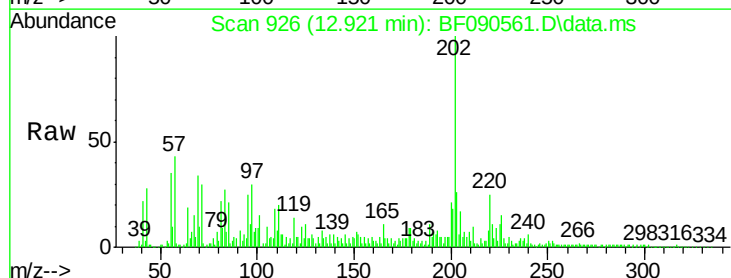
Tgt Ion:202 Resp: 630083

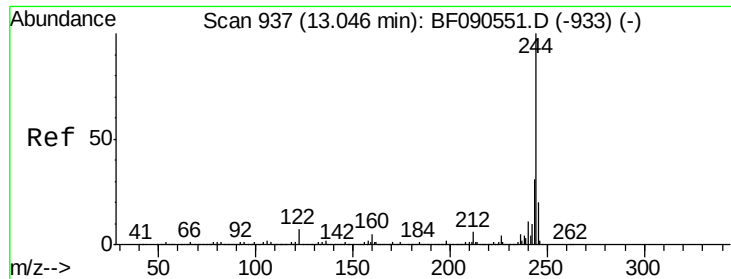
Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

203 26.0 14.6 21.8#





#78

Terphenyl-d14

Concen: 59.29 ng

RT: 13.047 min Scan# 93

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

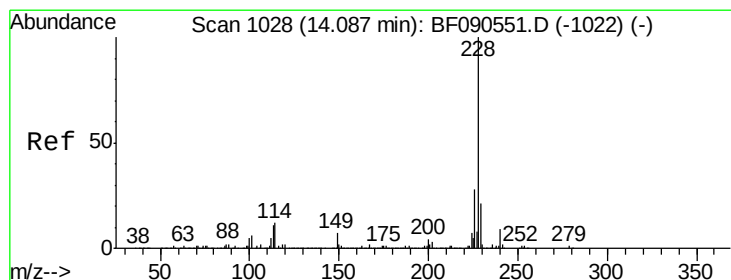
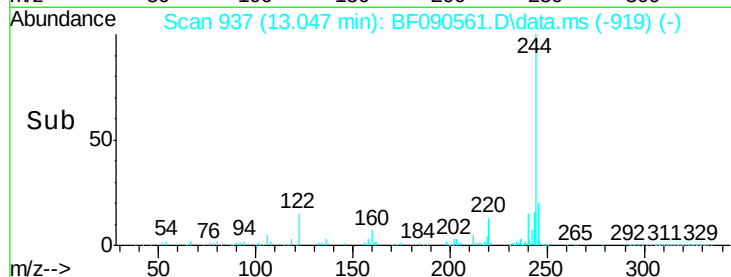
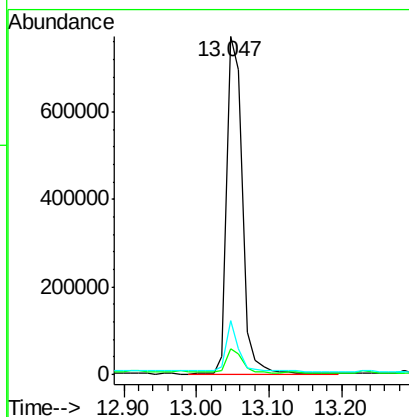
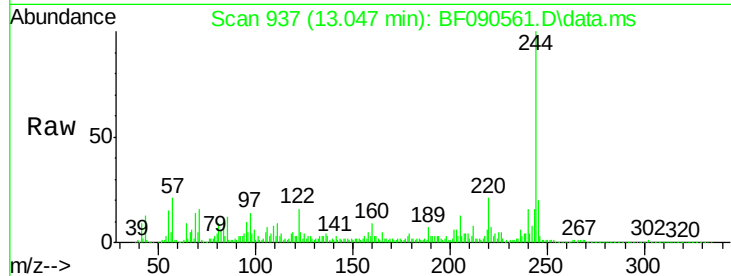
Tot Ion:244 Resp: 1148733

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 16.1 5.6 8.4#



#80

Benzo(a)anthracene

Concen: 5.71 ng

RT: 14.087 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

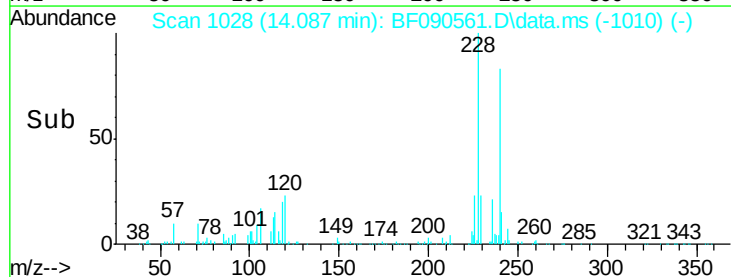
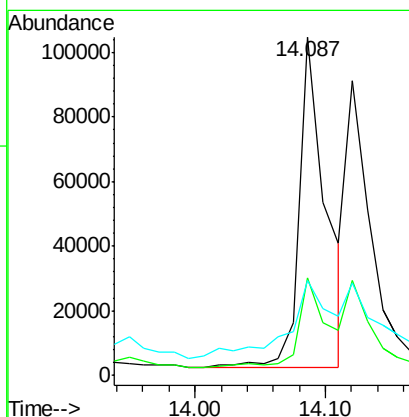
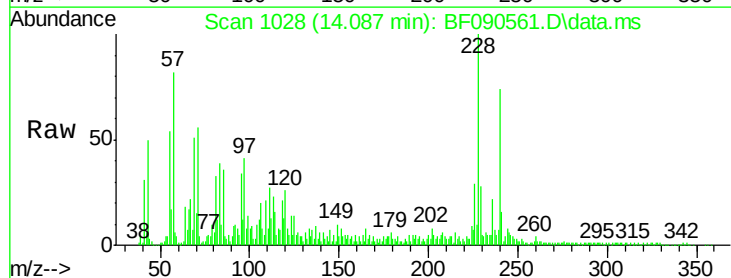
Tgt Ion:228 Resp: 146540

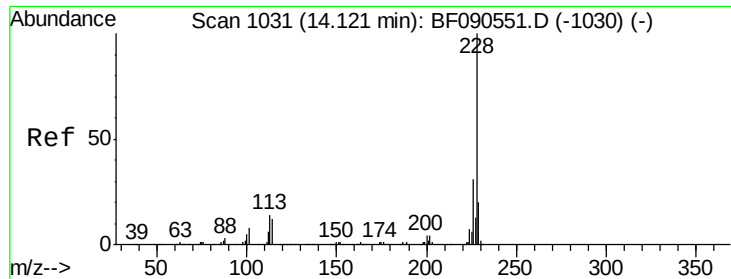
Ion Ratio Lower Upper

228 100

226 28.7 22.8 34.2

229 28.1 16.6 25.0#





#82

Chrysene

Concen: 5.92 ng

RT: 14.087 min Scan# 1031

Delta R.T. -0.034 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

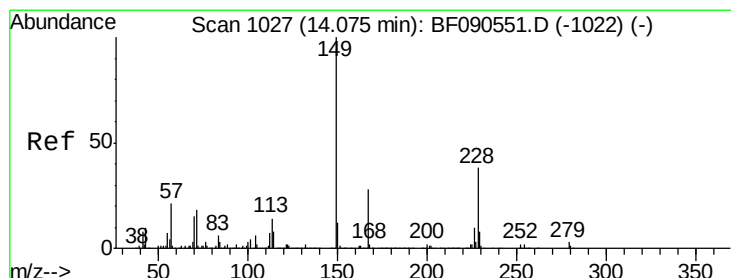
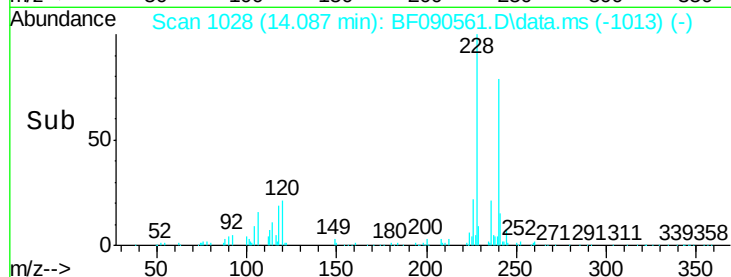
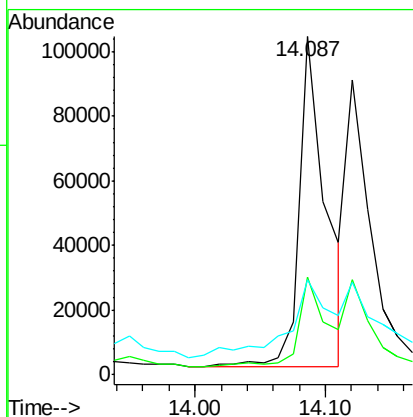
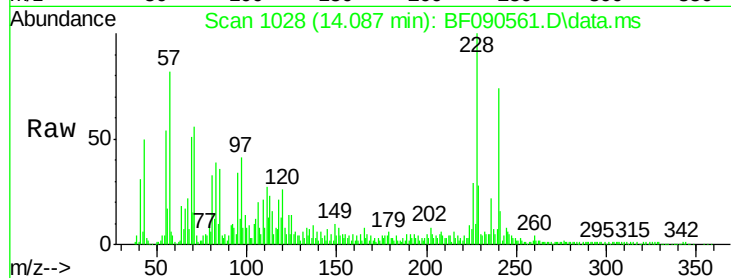
Tot Ion:228 Resp: 146540

Ion Ratio Lower Upper

228 100

226 28.7 24.8 37.2

229 28.1 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng

RT: 14.075 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

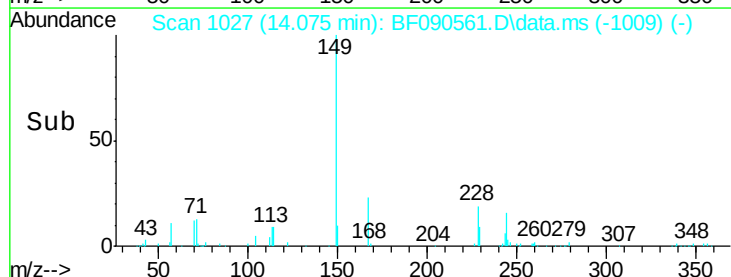
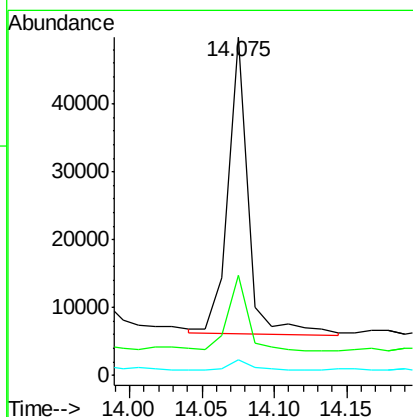
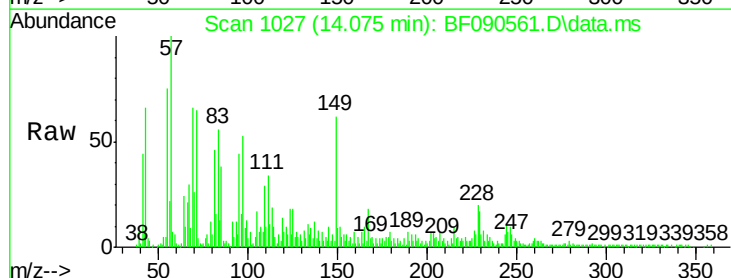
Tgt Ion:149 Resp: 41821

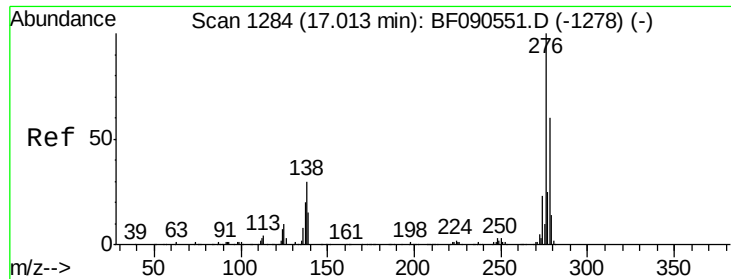
Ion Ratio Lower Upper

149 100

167 29.7 22.1 33.1

279 4.5 2.6 4.0#

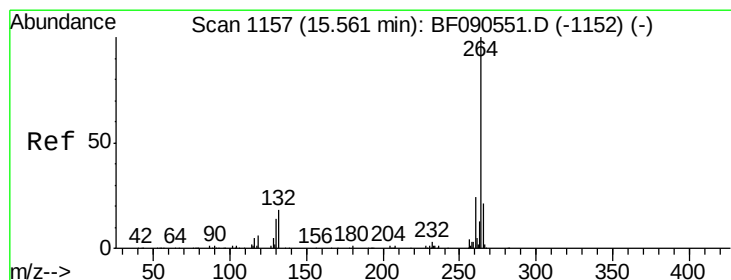
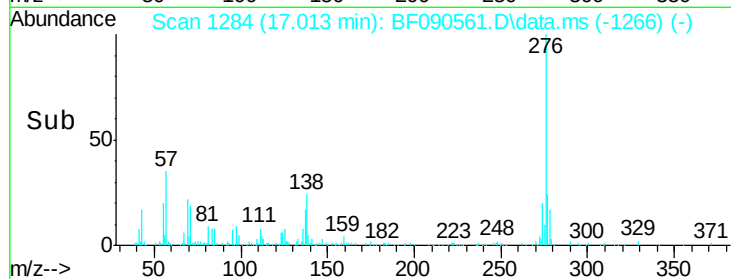
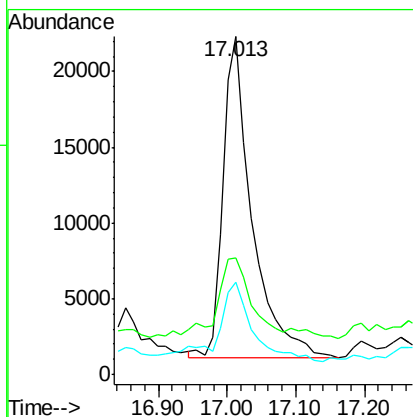
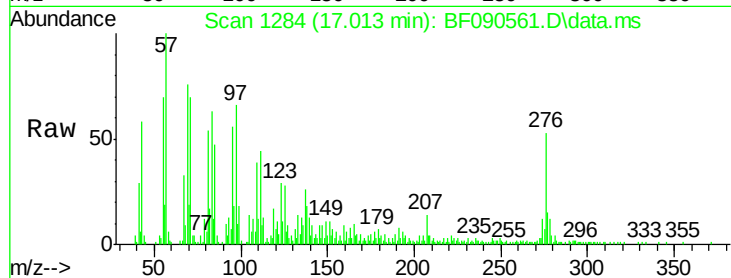




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.36 ng
RT: 17.013 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

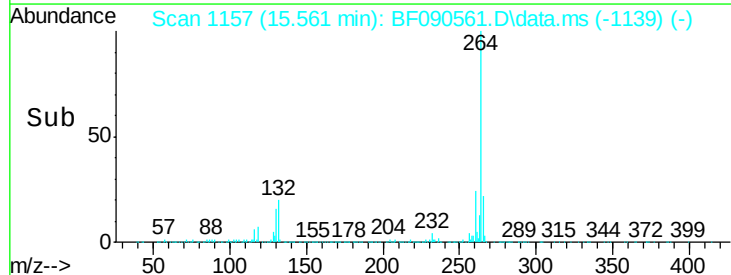
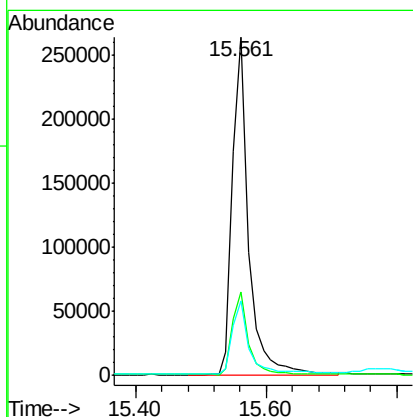
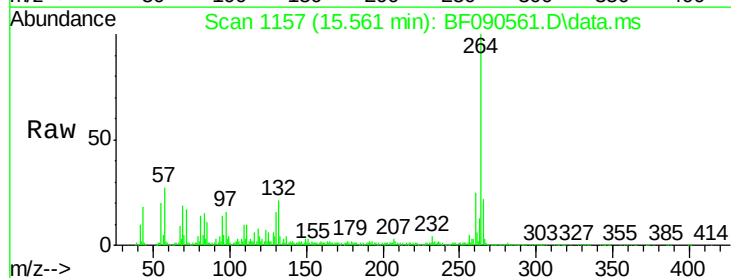
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

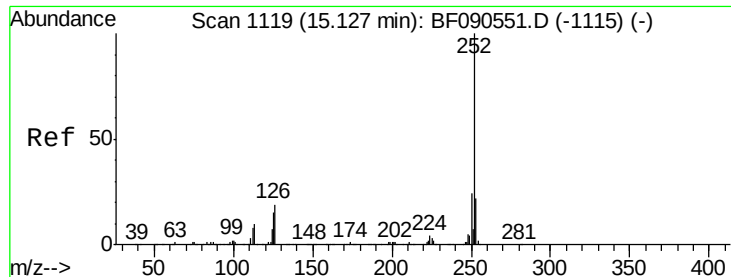
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.8	38.6
277	30.9	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.561 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.8	16.7	25.1

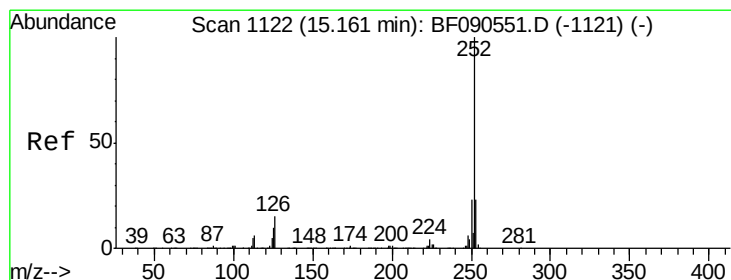
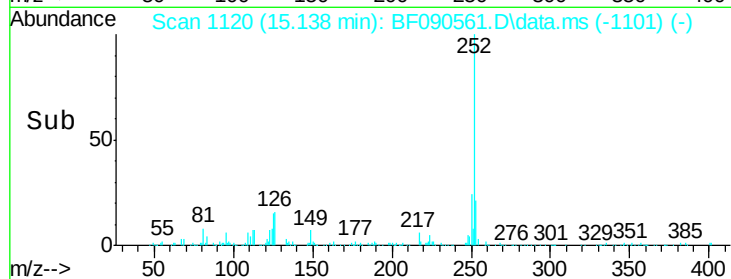
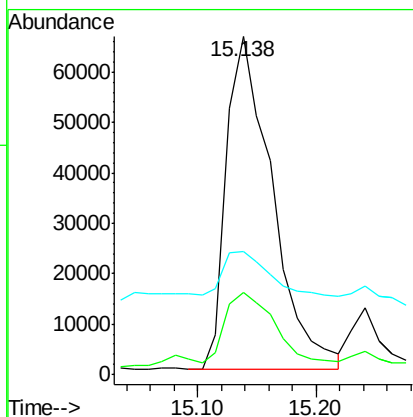
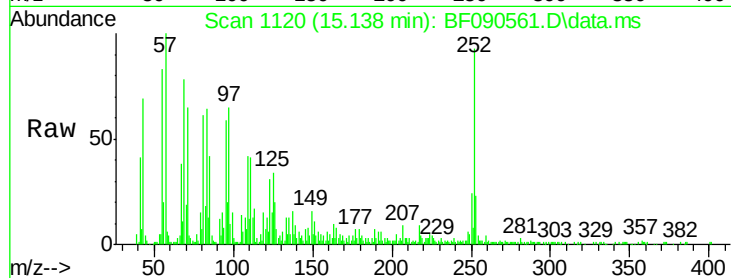




#87
Benzo(b)fluoranthene
Concen: 6.10 ng
RT: 15.138 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

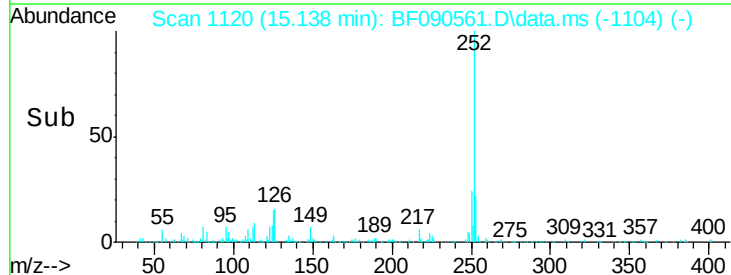
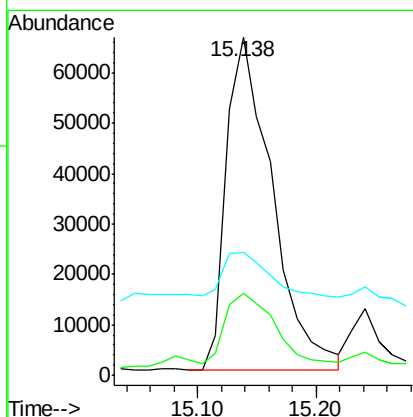
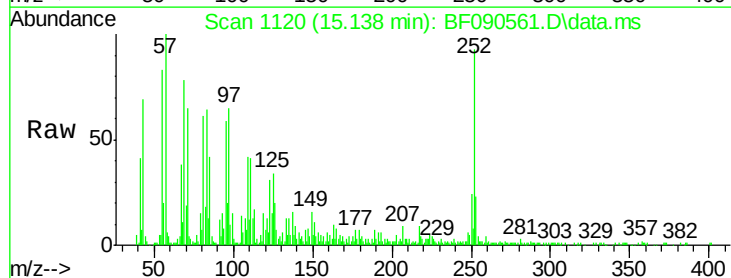
Instrument :
BNA_F
ClientSampleId :
MJSB-17(6-8)

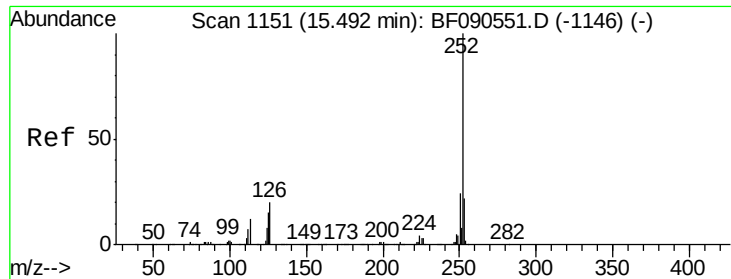
Tot Ion:252 Resp: 177190
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 36.3 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 5.67 ng
RT: 15.138 min Scan# 1120
Delta R.T. -0.023 min
Lab File: BF090561.D
Acq: 14 Oct 2016 11:07

Tgt Ion:252 Resp: 177190
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 36.3 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 3.69 ng

RT: 15.493 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Instrument :

BNA_F

ClientSampleId :

MJSB-17(6-8)

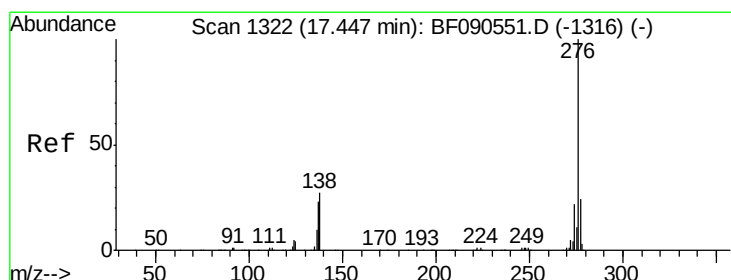
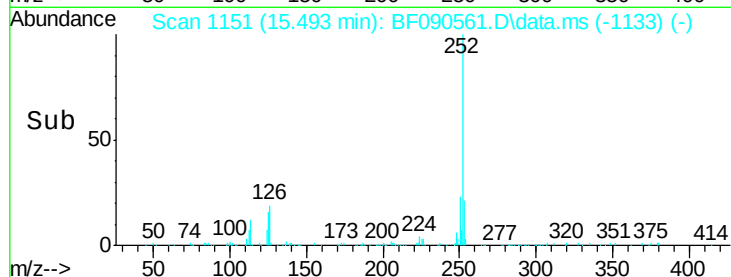
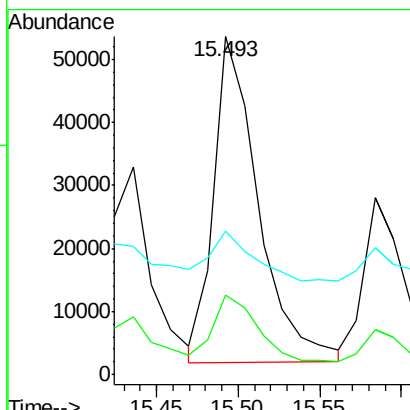
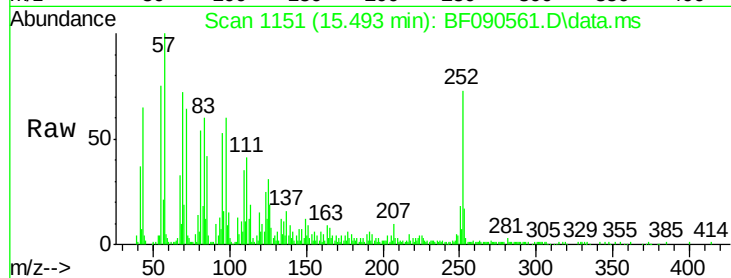
Tot Ion:252 Resp: 98133

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 42.6 12.3 18.5#



#91

Benzo(g,h,i)perylene

Concen: 2.93 ng

RT: 17.447 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF090561.D

Acq: 14 Oct 2016 11:07

Tgt Ion:276 Resp: 56620

Ion Ratio Lower Upper

276 100

277 26.4 18.8 28.2

138 35.7 21.8 32.8#

