

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
 Data File : BF090622.D
 Acq On : 17 Oct 2016 21:57
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Quant Time: Oct 18 01:16:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	197731	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	735086	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	357213	20.00	ng	0.01
63) Phenanthrene-d10	11.46	188	562245	20.00	ng	0.01
75) Chrysene-d12	14.09	240	444177	20.00	ng	0.00
86) Perylene-d12	15.55	264	393861	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1063151	98.57	ng	0.00
7) Phenol-d6	6.54	99	1518185	94.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	929523	70.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	238444	74.87	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1394175	64.31	ng	0.01
78) Terphenyl-d14	13.04	244	1049253	55.00	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.25	42	172	7.20	ng	# 1
15) Benzyl Alcohol	7.07	79	36939	3.38	ng	# 45
18) Hexachloroethane	7.48	117	773240	128.99	ng	# 7
19) n-Nitroso-di-n-propylamine	7.34	70	53630	4.88	ng	# 62
24) Nitrobenzene	7.45	77	163713	12.05	ng	# 49
25) Isophorone	7.73	82	259288	10.77	ng	# 1
26) 2-Nitrophenol	7.82	139	25854	4.20	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	29557	2.89	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	22440	2.51	ng	# 13
31) Naphthalene	8.26	128	186058	4.97	ng	# 1
32) Benzoic acid	7.99	122	19895	3.17	ng	# 25
33) 4-Chloroaniline	8.26	127	70623	4.93	ng	# 1
35) Caprolactam	8.63	113	256501	102.63	ng	# 73
36) 4-Chloro-3-methylphenol	8.74	107	34723	3.36	ng	# 39
42) 2,4,6-Trichlorophenol	9.18	196	15137	2.83	ng	# 11
43) 2,4,5-Trichlorophenol	9.18	196	15137	2.38	ng	# 1
47) 2-Nitroaniline	9.51	65	19174	2.61	ng	# 1
48) Acenaphthylene	9.83	152	98216	3.04	ng	# 1
49) Dimethylphthalate	9.67	163	319661	13.79	ng	# 89
50) 2,6-Dinitrotoluene	9.74	165	50334	9.93	ng	# 1
51) Acenaphthene	9.99	154	176869	8.24	ng	# 88
52) 3-Nitroaniline	9.93	138	31129	4.89	ng	# 34
53) 2,4-Dinitrophenol	10.04	184	2755	6.60	ng	# 1
54) Dibenzofuran	10.18	168	140350	4.97	ng	# 1
55) 4-Nitrophenol	10.07	139	93910	24.52	ng	# 28
56) 2,4-Dinitrotoluene	10.18	165	47157	6.85	ng	# 63
57) Fluorene	10.52	166	337499	14.50	ng	# 91
61) 4-Nitroaniline	10.43	138	22740	3.56	ng	# 83
64) 4,6-Dinitro-2-methylphenol	10.61	198	7195	2.11	ng	# 1
65) n-Nitrosodiphenylamine	10.63	169	563456	30.34	ng	# 52
70) Phenanthrene	11.48	178	953754	31.78	ng	# 97
71) Anthracene	11.48	178	953754	29.53	ng	# 97
74) Fluoranthene	12.66	202	102105	3.38	ng	# 83
77) Pyrene	12.89	202	162696	5.53	ng	# 95

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QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

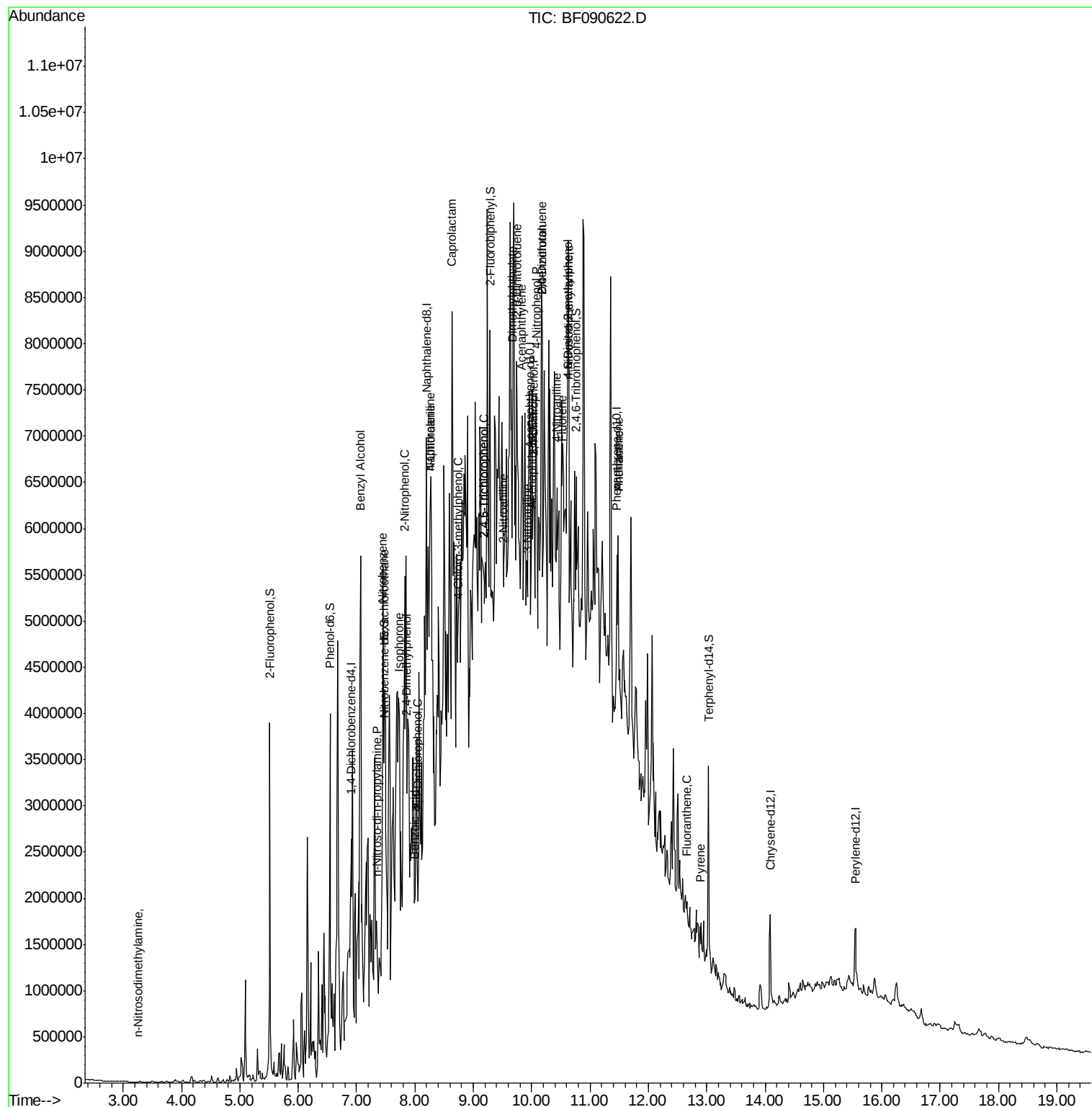
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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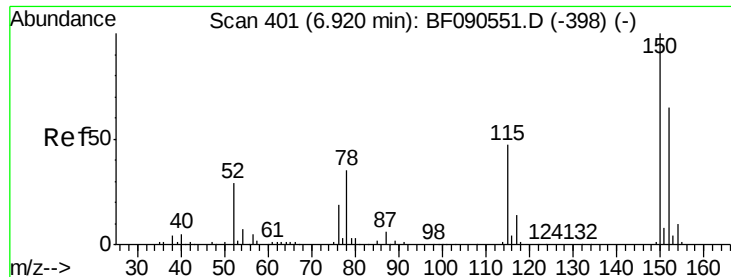
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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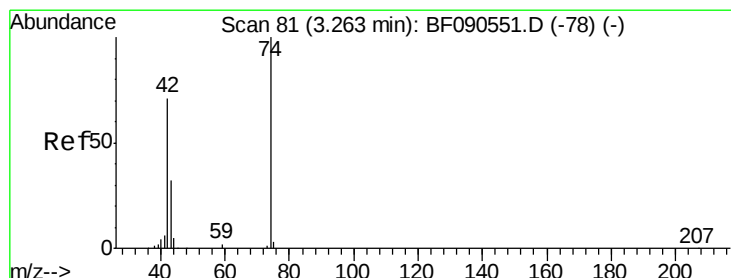
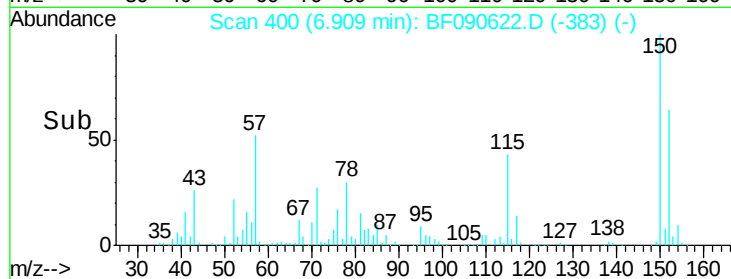
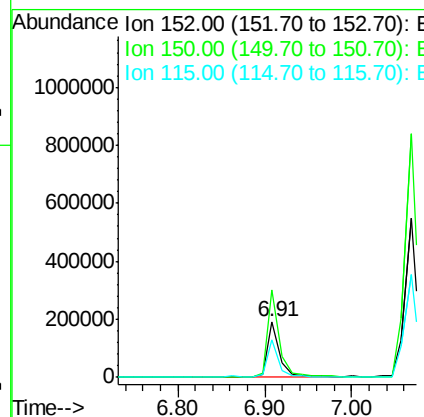
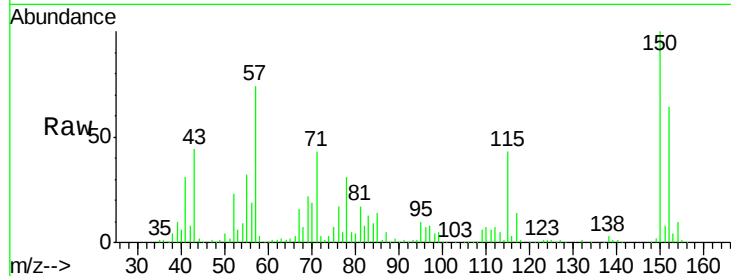




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

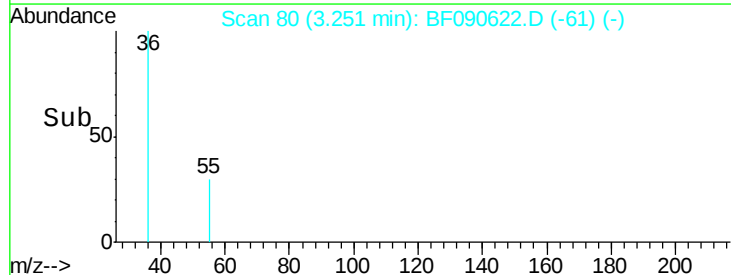
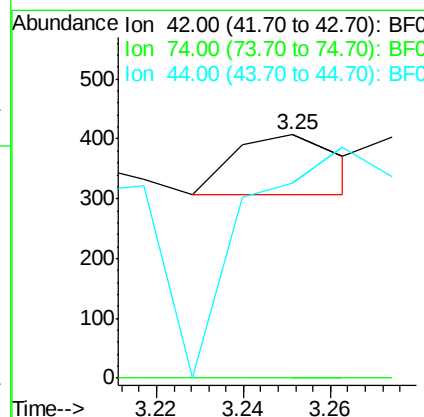
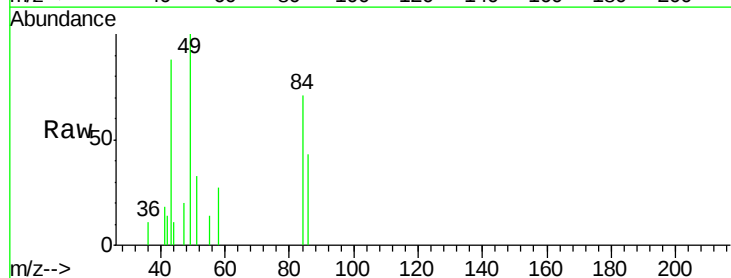
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

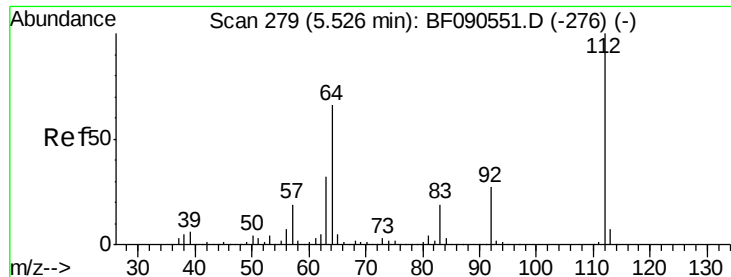
Tgt Ion: 152 Resp: 197731
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.2 190.8
 115 67.7 58.6 88.0



#4
 n-Nitrosodimethylamine
 Concen: 7.20 ng
 RT: 3.25 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion: 42 Resp: 172
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 80.3 6.0 9.0#





#5

2-Fluorophenol

Concen: 98.57 ng

RT: 5.51 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

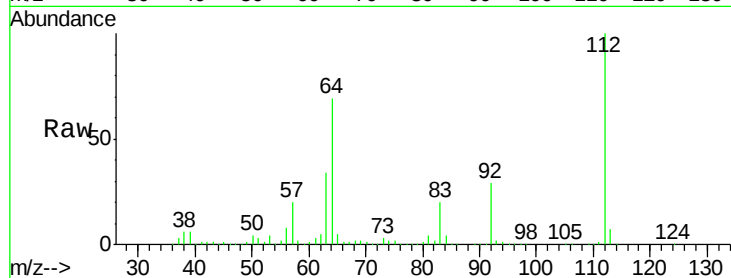
Tgt Ion:112 Resp: 1063151

Ion Ratio Lower Upper

112 100

64 69.0 52.6 78.8

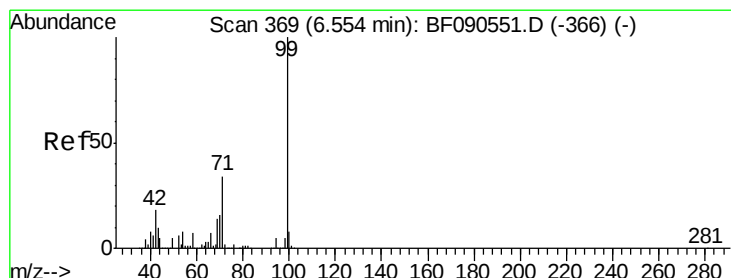
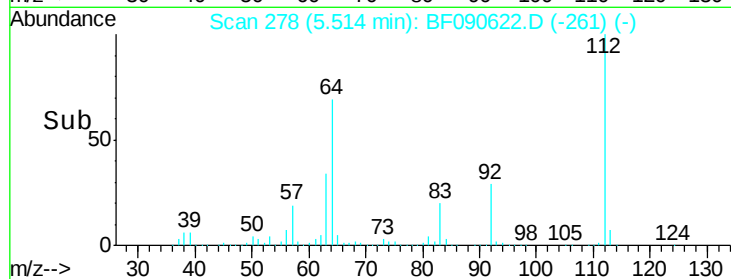
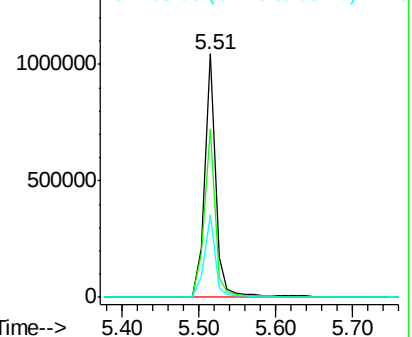
63 33.7 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 94.73 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

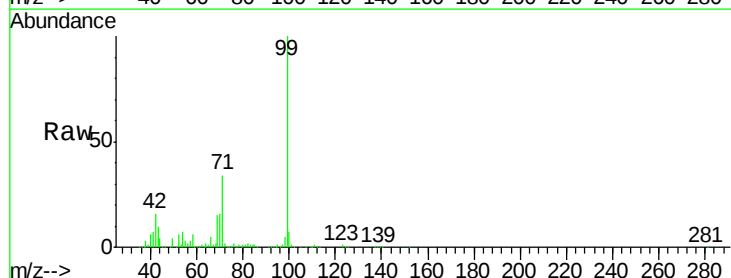
Tgt Ion: 99 Resp: 1518185

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

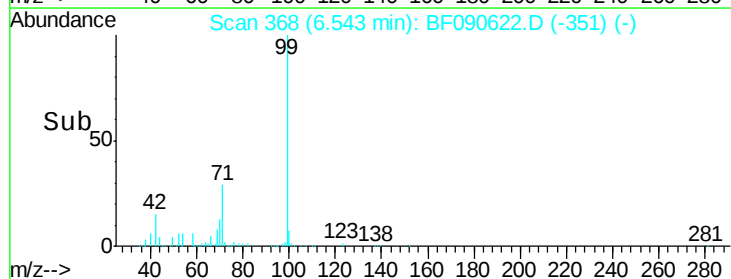
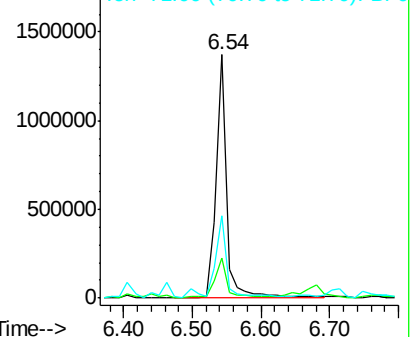
71 33.6 27.6 41.4

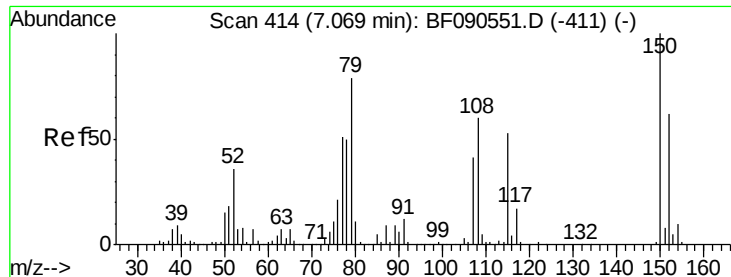


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.38 ng

RT: 7.07 min Scan# 414

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

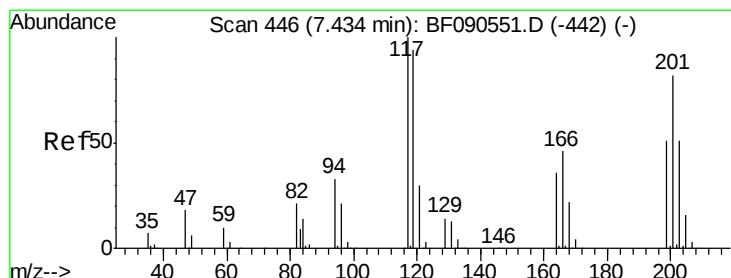
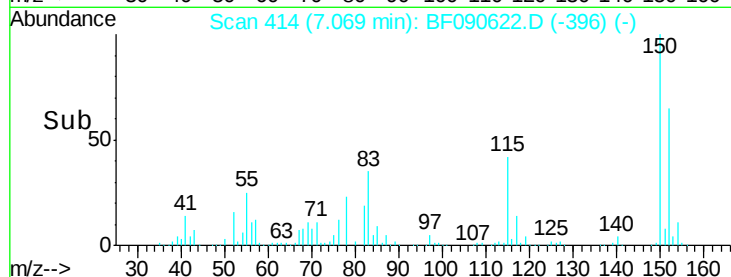
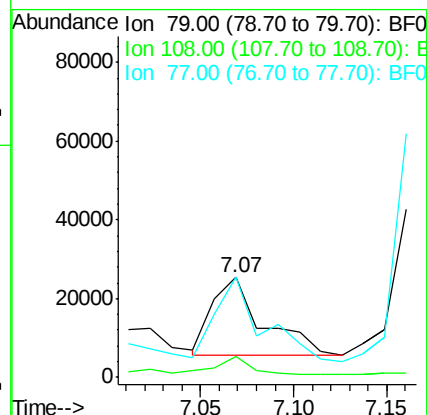
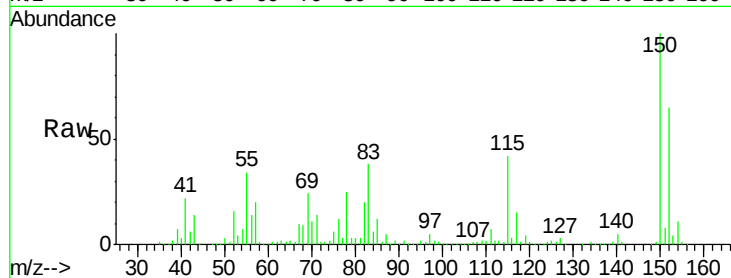
Tgt Ion: 79 Resp: 36939

Ion Ratio Lower Upper

79 100

108 21.5 60.2 90.4#

77 100.5 52.0 78.0#



#18

Hexachloroethane

Concen: 128.99 ng

RT: 7.48 min Scan# 450

Delta R.T. 0.06 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

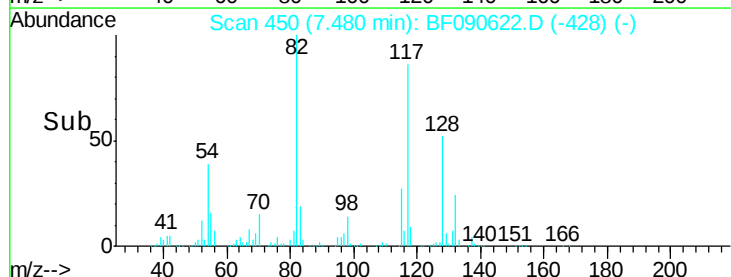
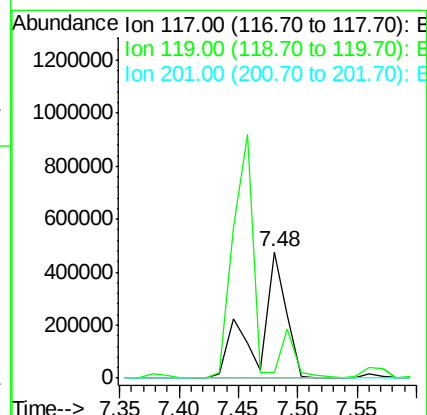
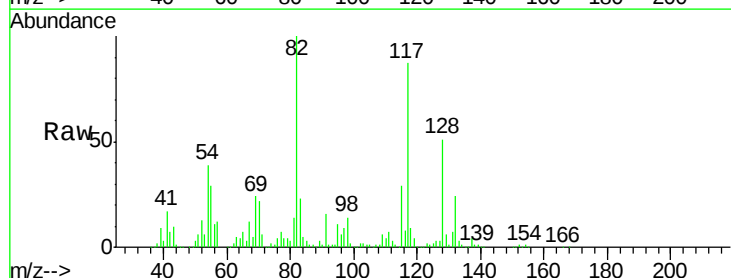
Tgt Ion: 117 Resp: 773240

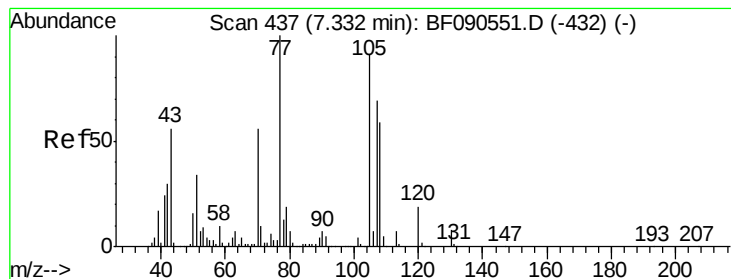
Ion Ratio Lower Upper

117 100

119 4.1 75.6 113.4#

201 0.0 65.4 98.0#





#19

n-Nitroso-di-n-propylamine

Concen: 4.88 ng

RT: 7.34 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

Tgt Ion: 70 Resp: 53630

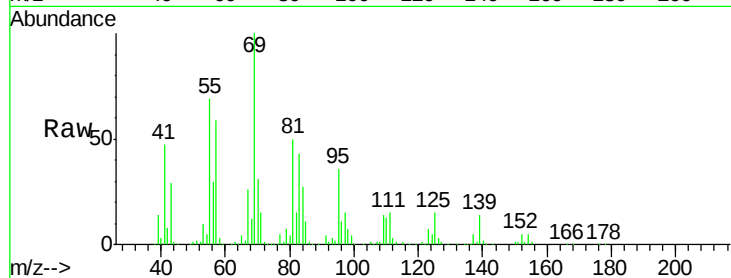
Ion Ratio Lower Upper

70 100

42 24.7 43.4 65.0#

101 0.0 6.4 9.6#

130 0.0 12.1 18.1#



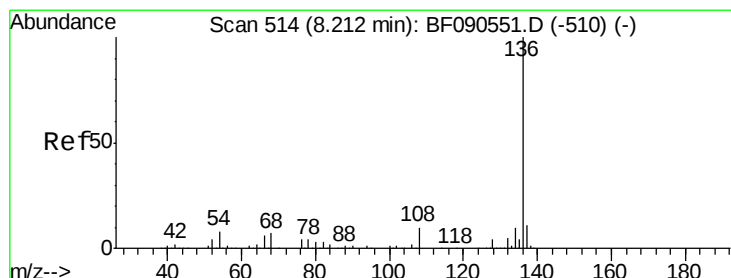
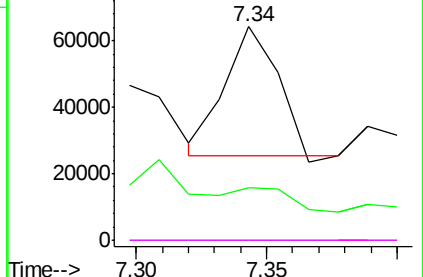
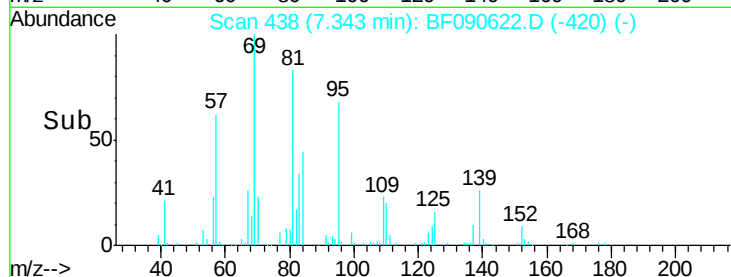
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Tgt Ion: 136 Resp: 735086

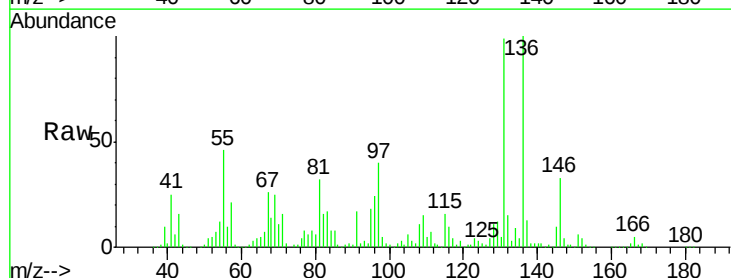
Ion Ratio Lower Upper

136 100

137 13.3 8.8 13.2#

54 11.9 6.8 10.2#

68 13.8 6.0 9.0#



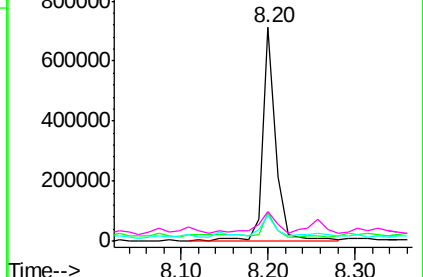
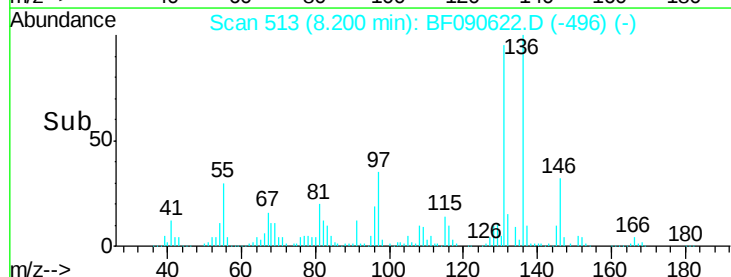
Abundance Ion 136.00 (135.70 to 136.70): E

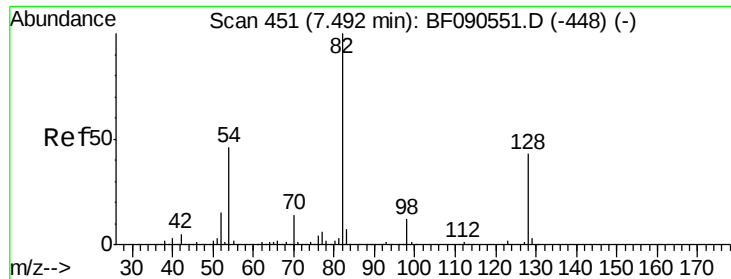
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

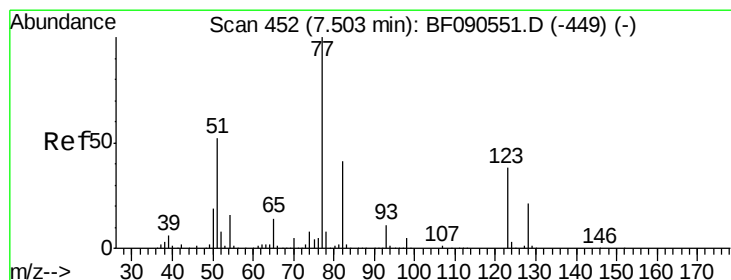
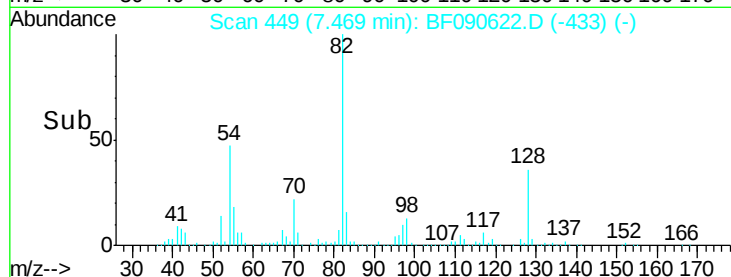
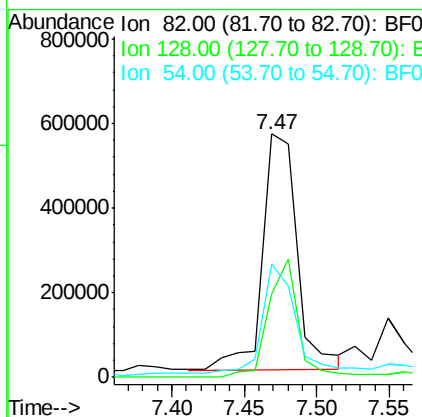
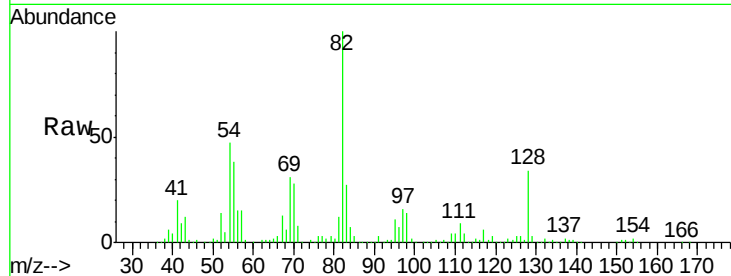




#23
 Nitrobenzene-d5
 Concen: 70.24 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

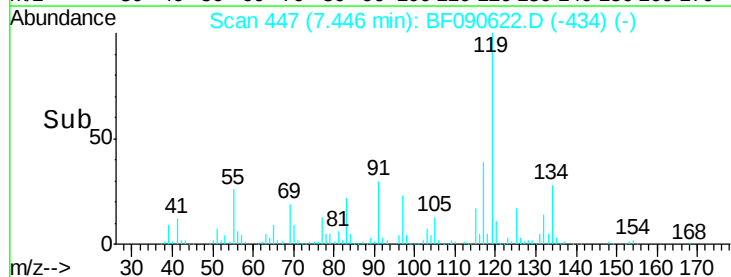
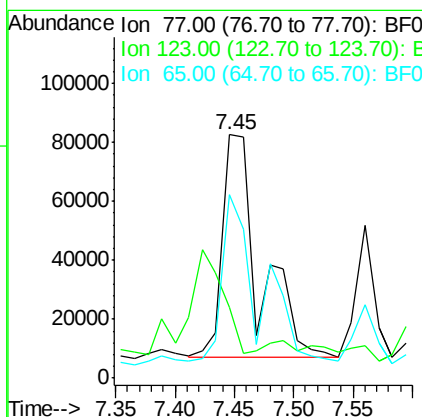
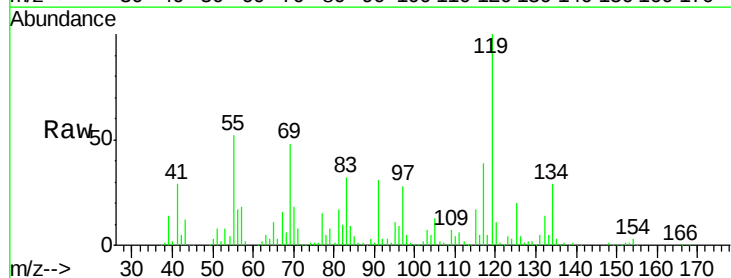
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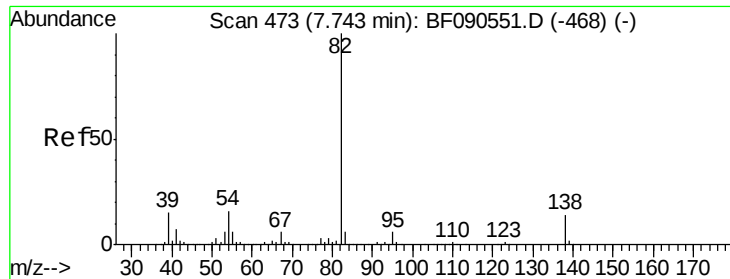
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	34.3	51.5
54	46.7	37.0	55.6



#24
 Nitrobenzene
 Concen: 12.05 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.05 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.3	29.8	44.6#
65	75.2	10.9	16.3#





#25

Isophorone

Concen: 10.77 ng

RT: 7.73 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

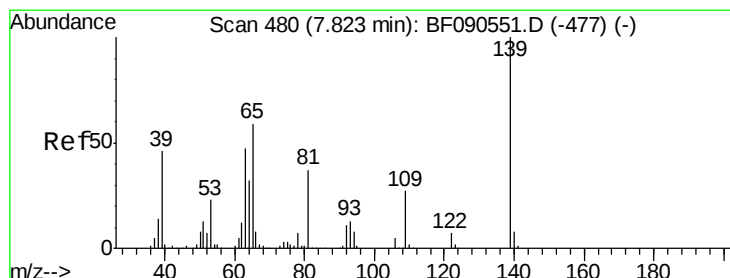
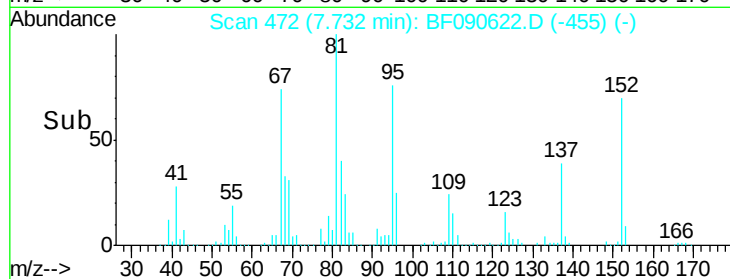
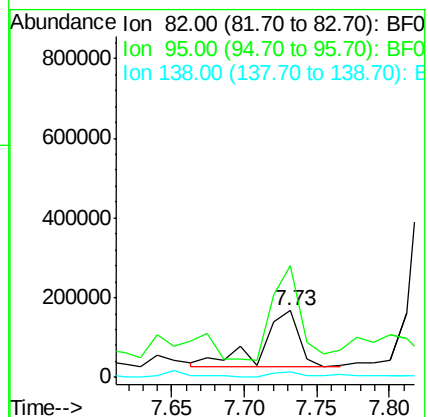
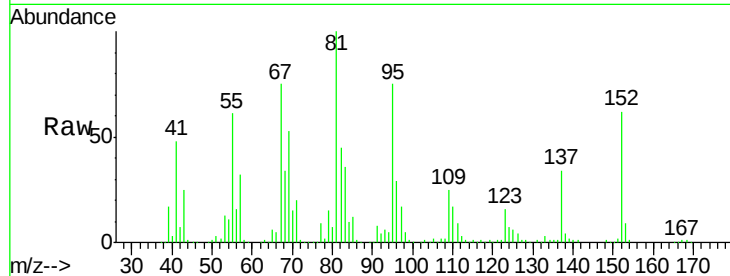
Tgt Ion: 82 Resp: 259288

Ion Ratio Lower Upper

82 100

95 167.3 5.0 7.6#

138 9.3 11.5 17.3#



#26

2-Nitrophenol

Concen: 4.20 ng

RT: 7.82 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

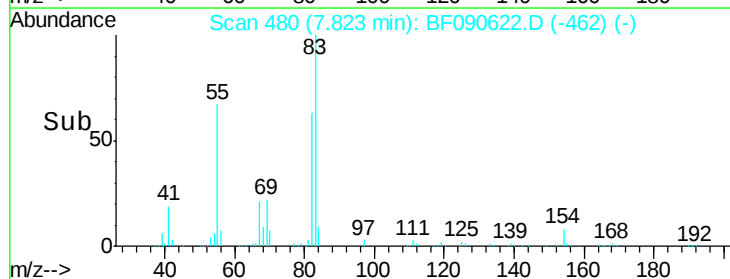
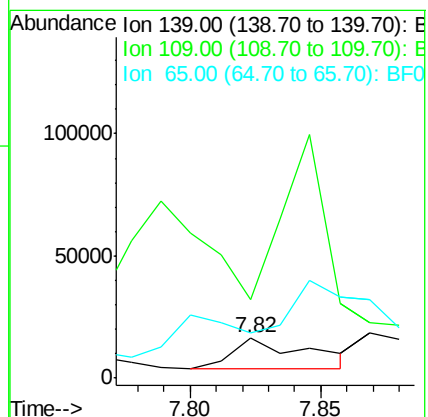
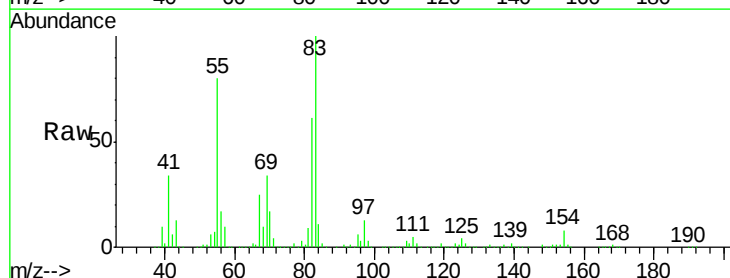
Tgt Ion: 139 Resp: 25854

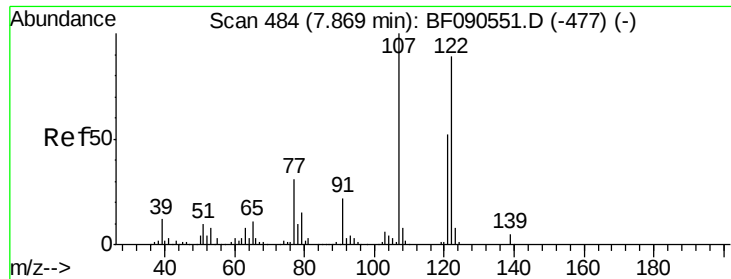
Ion Ratio Lower Upper

139 100

109 192.7 21.8 32.6#

65 112.4 47.7 71.5#

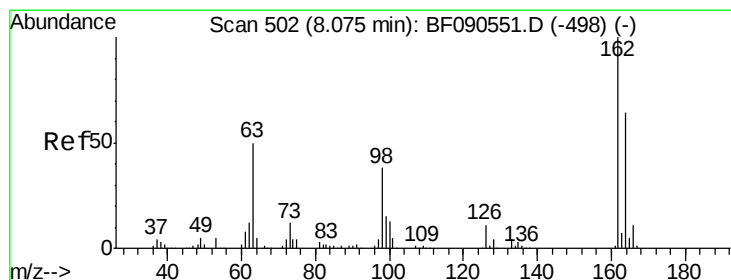
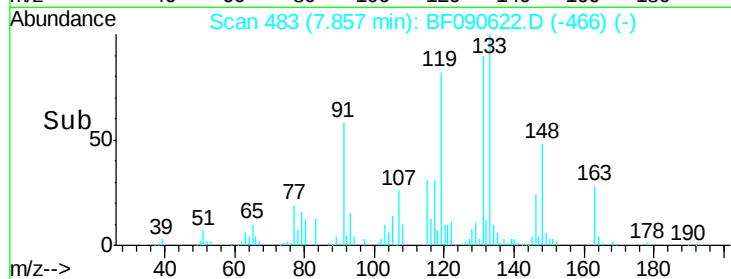
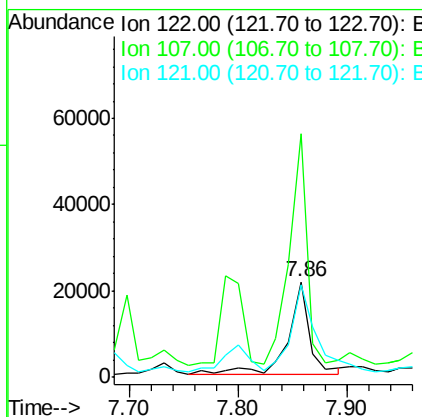
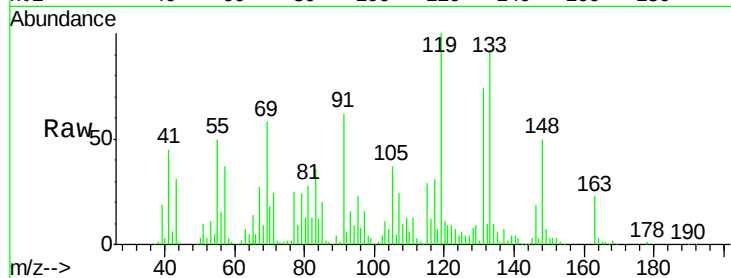




#27
 2,4-Dimethylphenol
 Concen: 2.89 ng
 RT: 7.86 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

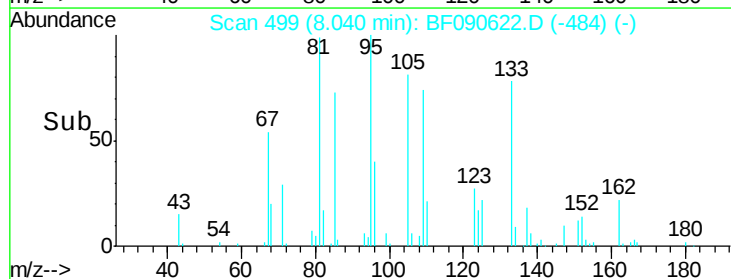
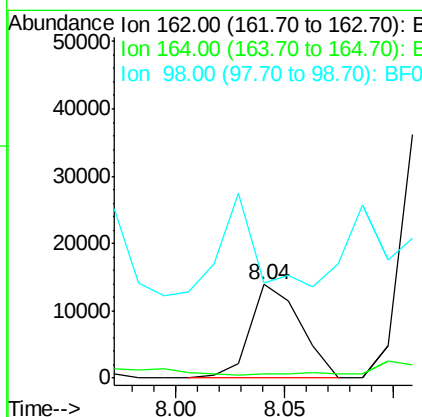
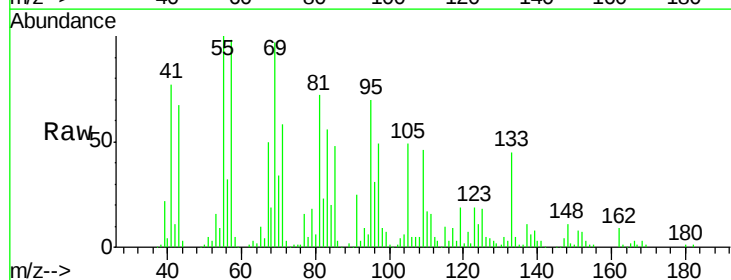
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

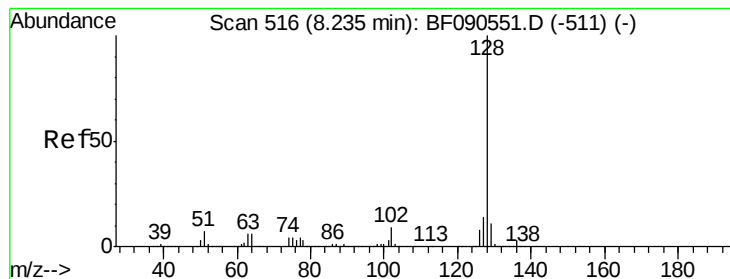
Tgt Ion:122 Resp: 29557
 Ion Ratio Lower Upper
 122 100
 107 254.7 89.8 134.6#
 121 96.7 46.1 69.1#



#29
 2,4-Dichlorophenol
 Concen: 2.51 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:162 Resp: 22440
 Ion Ratio Lower Upper
 162 100
 164 4.9 44.0 84.0#
 98 101.3 18.0 58.0#





#31

Naphthalene

Concen: 4.97 ng

RT: 8.26 min Scan# 518

Delta R.T. 0.03 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

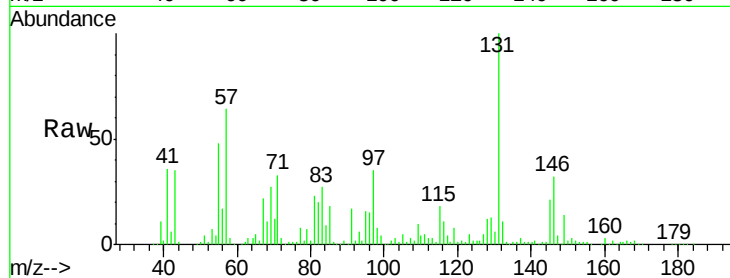
Tgt Ion:128 Resp: 186058

Ion Ratio Lower Upper

128 100

129 107.7 9.0 13.6#

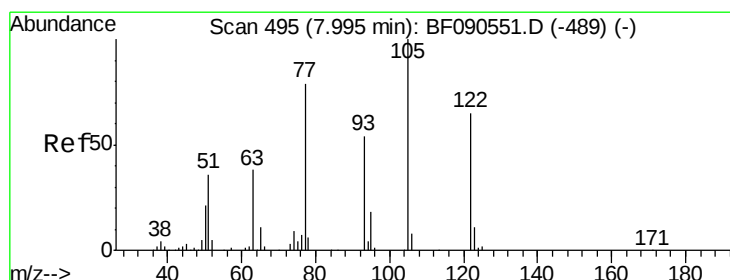
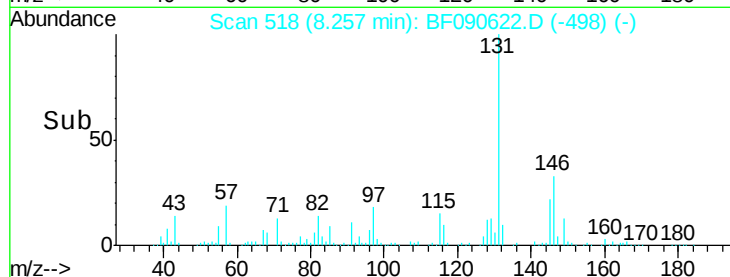
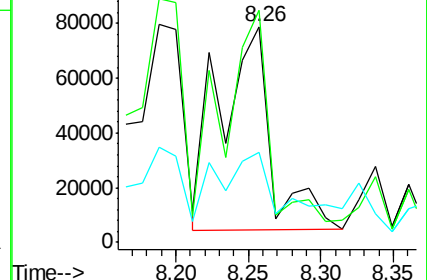
127 41.7 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.17 ng

RT: 7.99 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

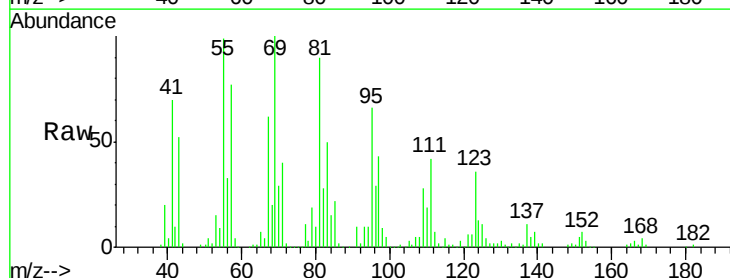
Tgt Ion:122 Resp: 19895

Ion Ratio Lower Upper

122 100

105 54.6 101.1 141.1#

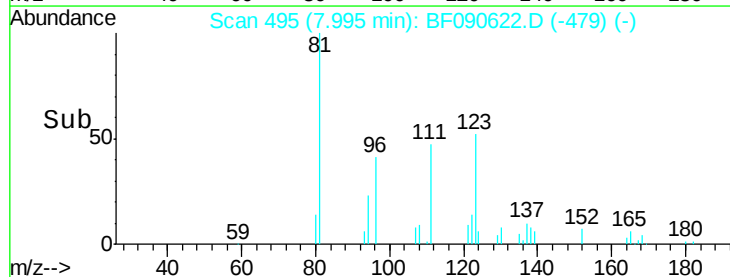
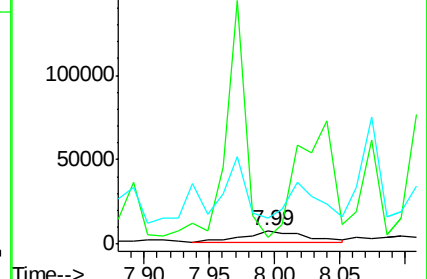
77 200.4 84.7 124.7#

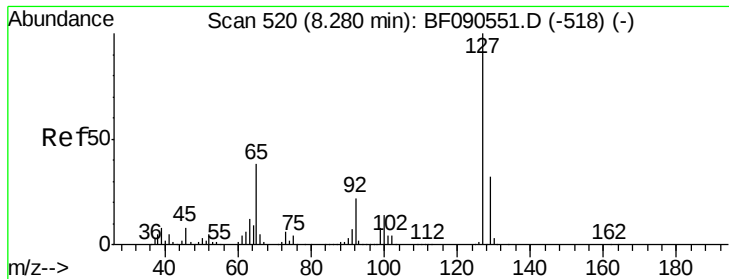


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

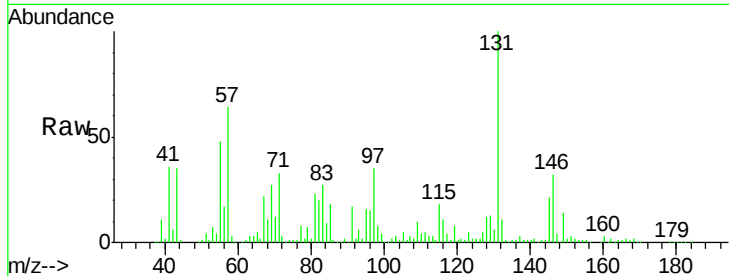




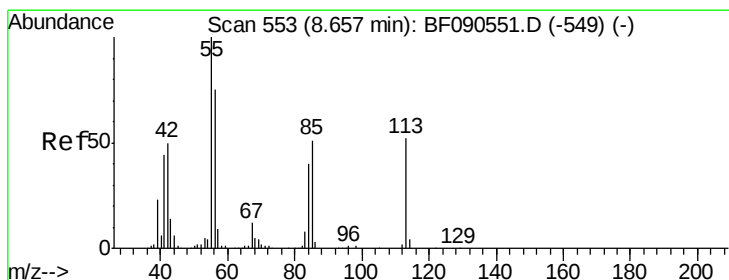
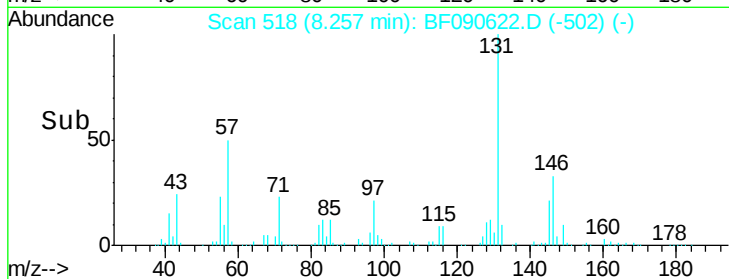
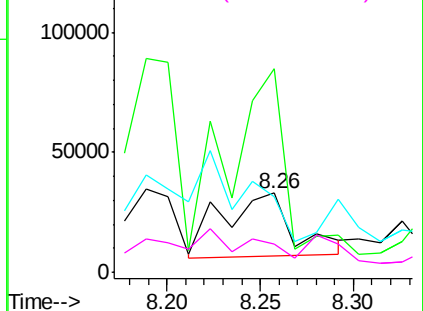
#33
4-Chloroaniline
Concen: 4.93 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:127 Resp: 70623
Ion Ratio Lower Upper
127 100
129 258.2 26.2 39.2#
65 96.4 30.1 45.1#
92 35.0 17.2 25.8#

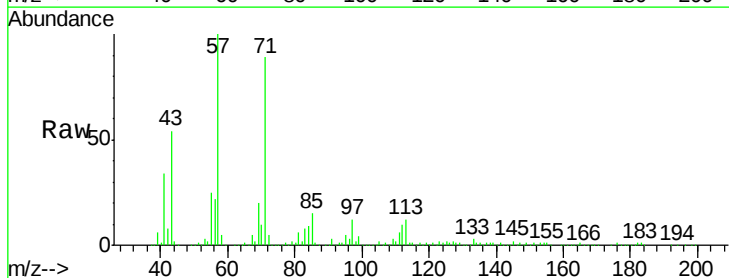


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

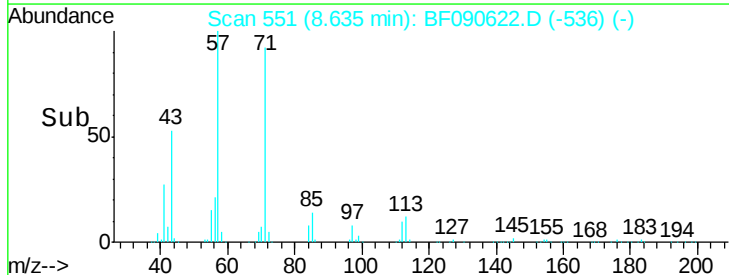
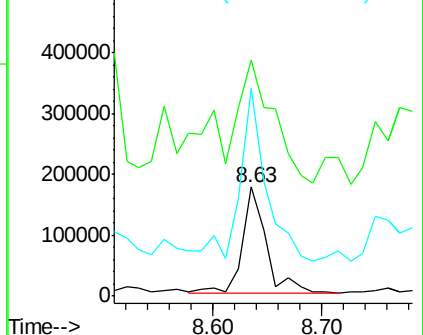


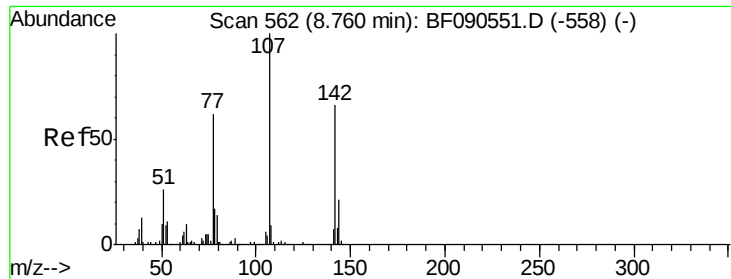
#35
Caprolactam
Concen: 102.63 ng
RT: 8.63 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:113 Resp: 256501
Ion Ratio Lower Upper
113 100
55 217.1 170.8 210.8#
56 190.8 122.4 162.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

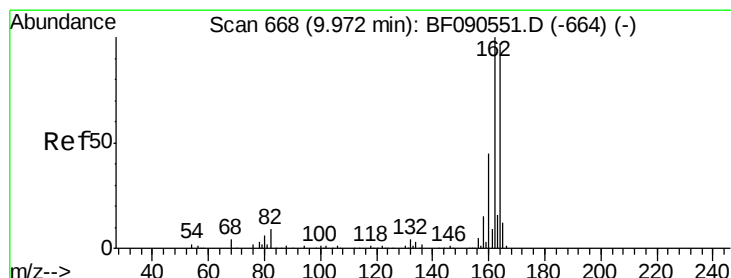
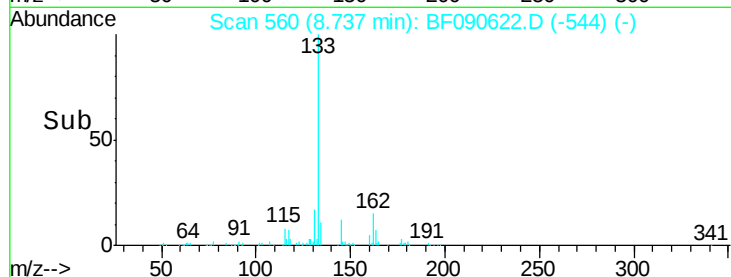
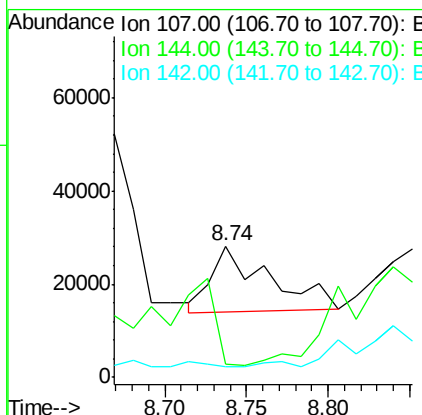
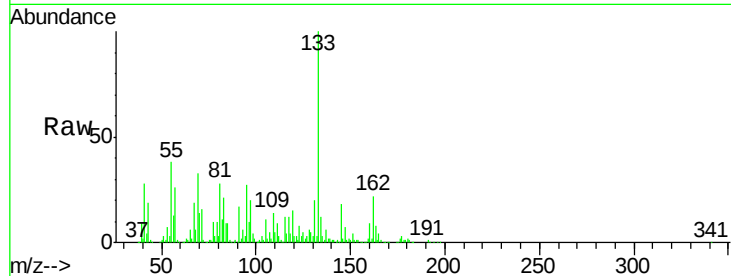




#36
4-Chloro-3-methylphenol
Concen: 3.36 ng
RT: 8.74 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

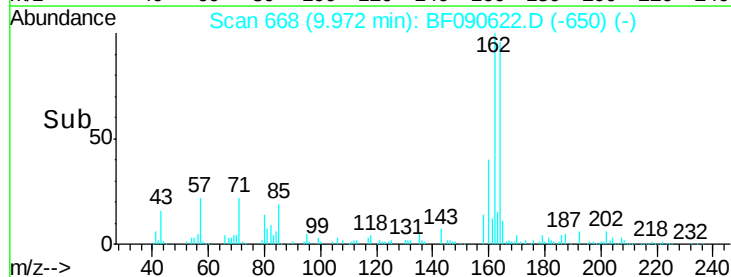
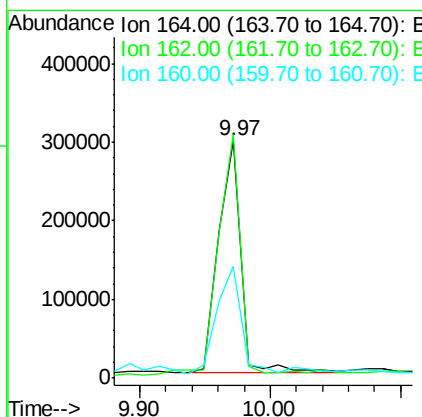
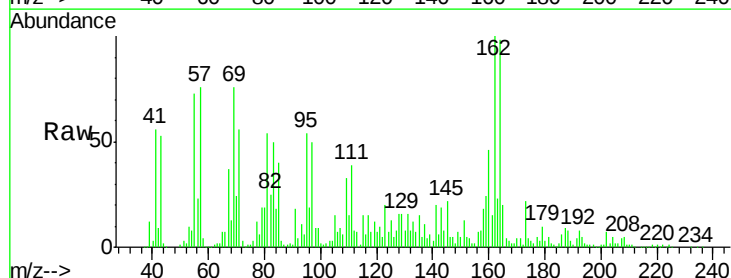
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

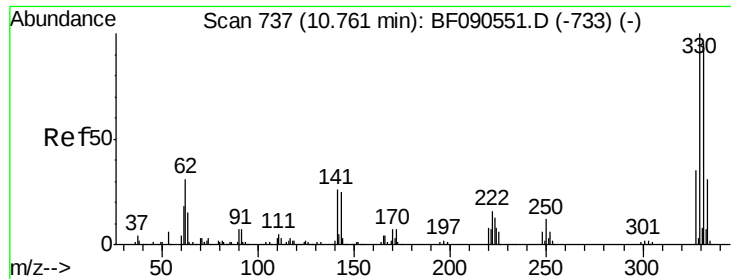
Tgt Ion:107 Resp: 34723
Ion Ratio Lower Upper
107 100
144 9.8 16.9 25.3#
142 8.1 52.5 78.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:164 Resp: 357213
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 47.2 36.6 55.0

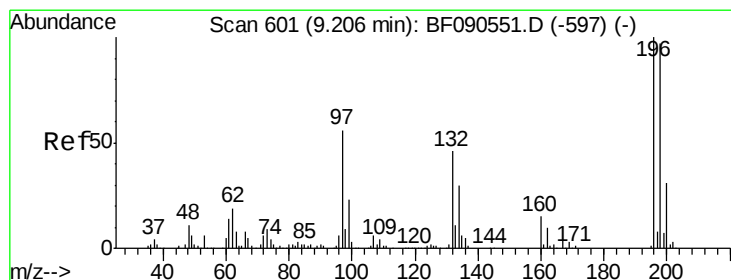
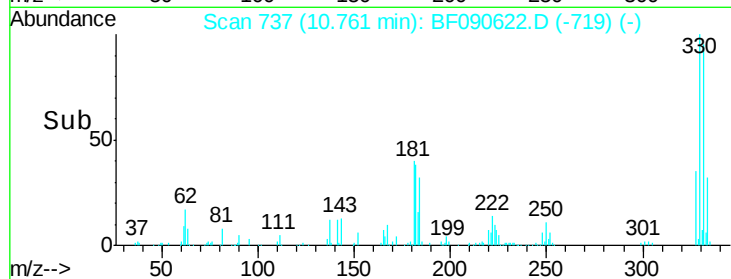
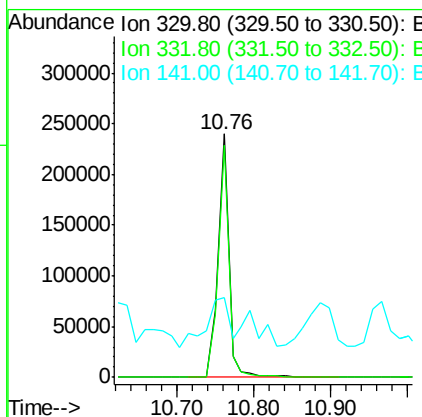
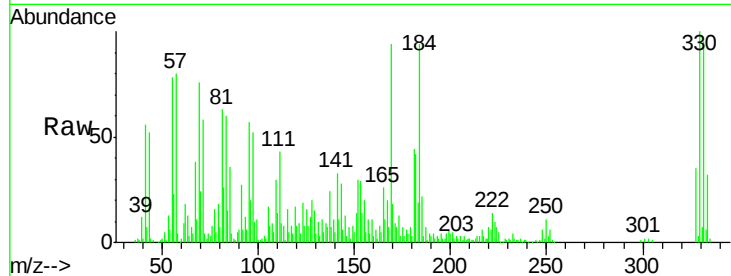




#41
 2,4,6-Tribromophenol
 Concen: 74.87 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

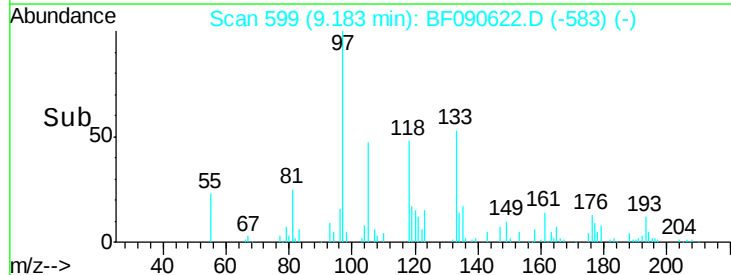
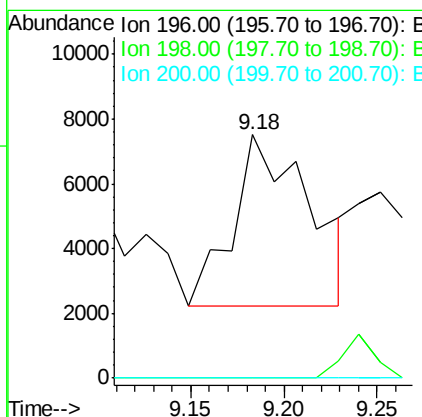
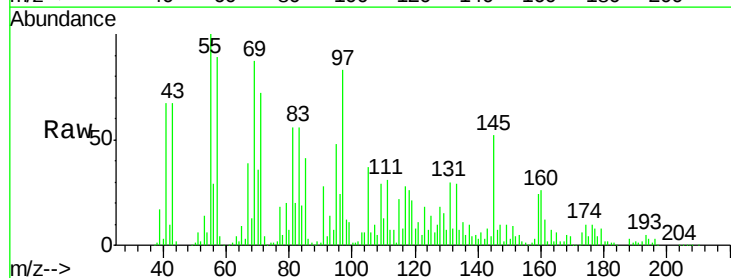
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

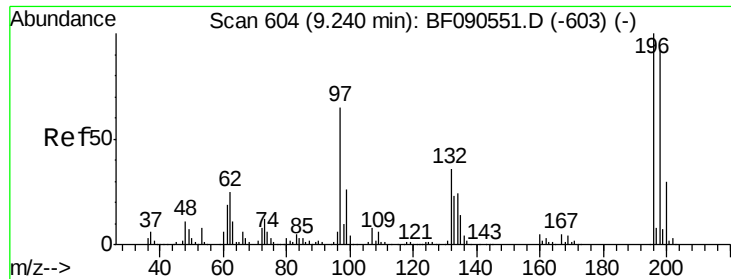
Tgt Ion:330 Resp: 238444
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.2
 141 46.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 2.83 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:196 Resp: 15137
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.9 116.9#
 200 0.0 25.1 37.7#

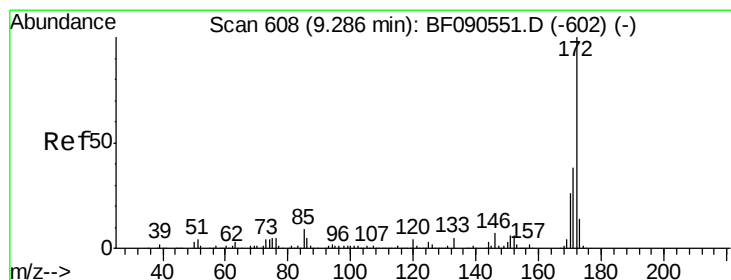
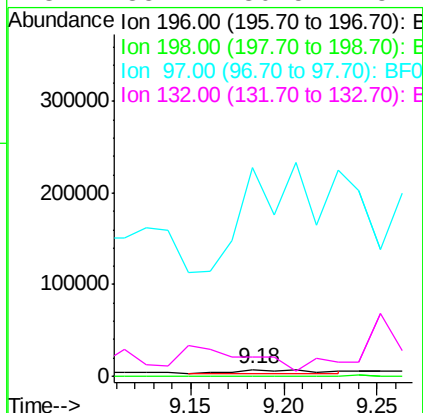
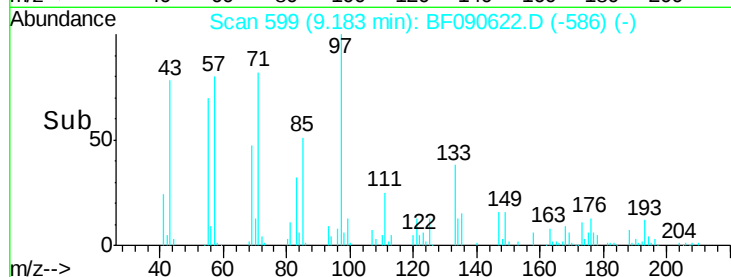
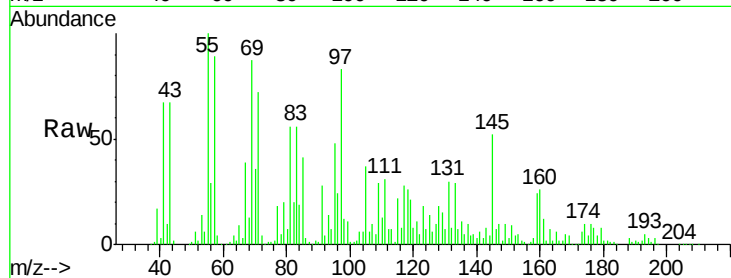




#43
 2,4,5-Trichlorophenol
 Concen: 2.38 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

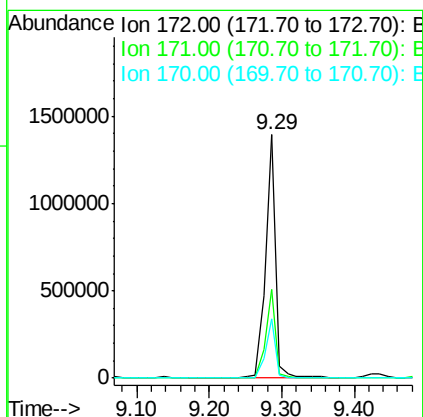
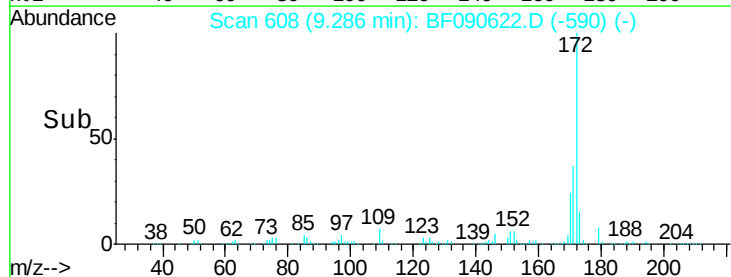
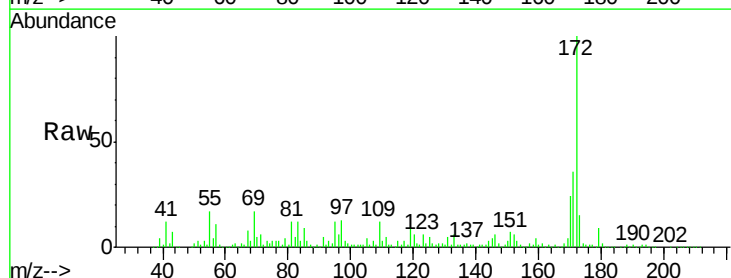
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

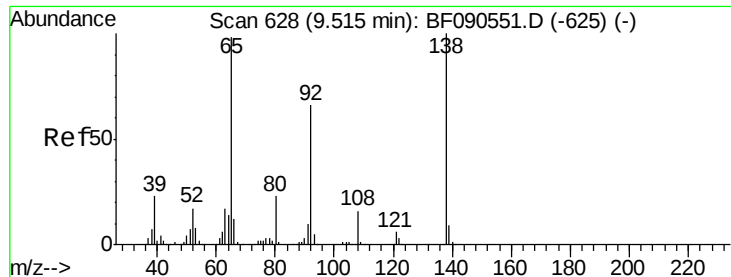
Tgt Ion:196 Resp: 15137
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.0 111.0#
 97 3032.7 54.7 82.1#
 132 285.1 30.5 45.7#



#44
 2-Fluorobiphenyl
 Concen: 64.31 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:172 Resp: 1394175
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 24.4 20.6 30.8

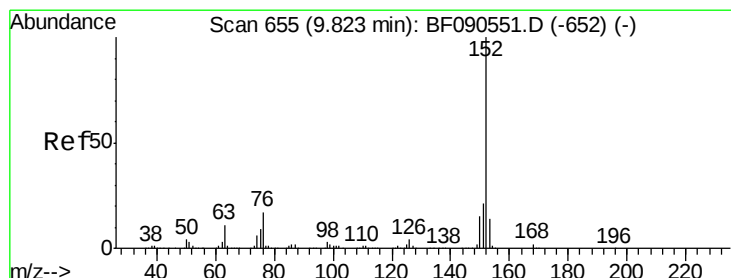
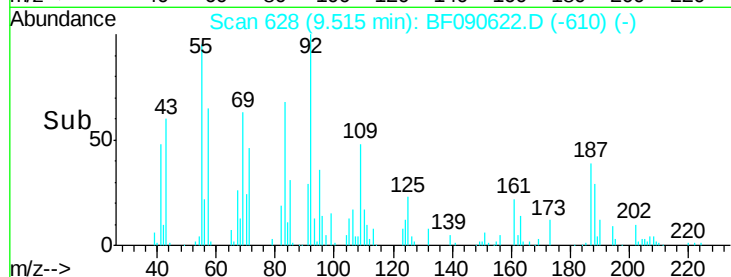
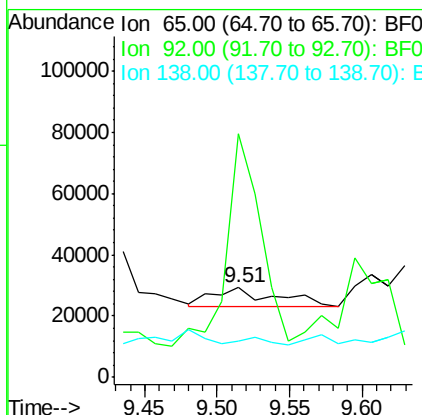
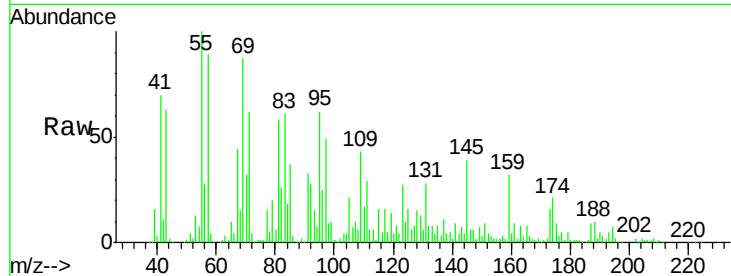




#47
2-Nitroaniline
Concen: 2.61 ng
RT: 9.51 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

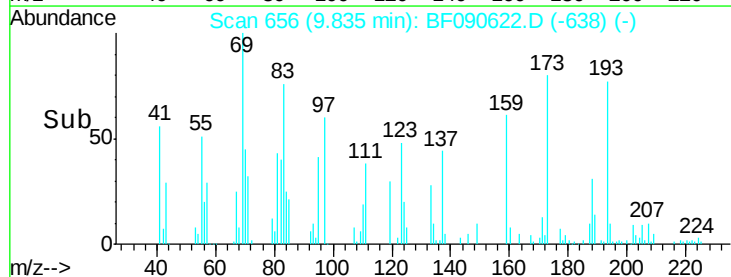
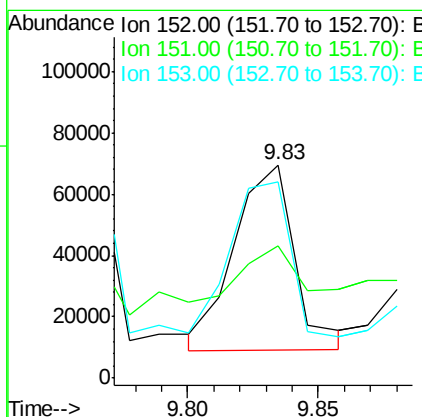
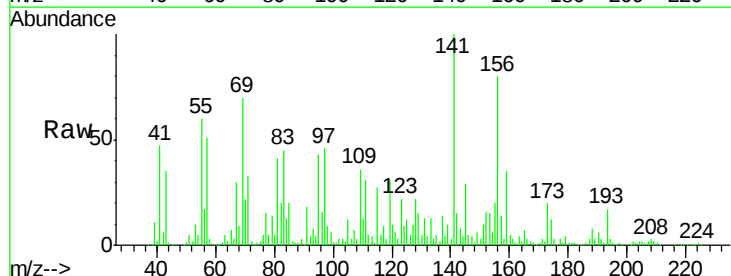
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

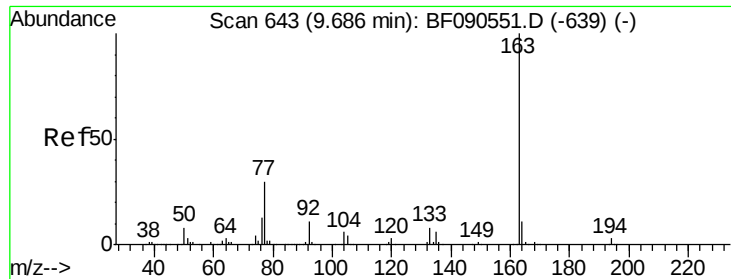
Tgt Ion: 65 Resp: 19174
Ion Ratio Lower Upper
65 100
92 272.2 54.3 81.5#
138 41.1 81.7 122.5#



#48
Acenaphthylene
Concen: 3.04 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion: 152 Resp: 98216
Ion Ratio Lower Upper
152 100
151 62.0 16.6 25.0#
153 92.2 11.3 16.9#

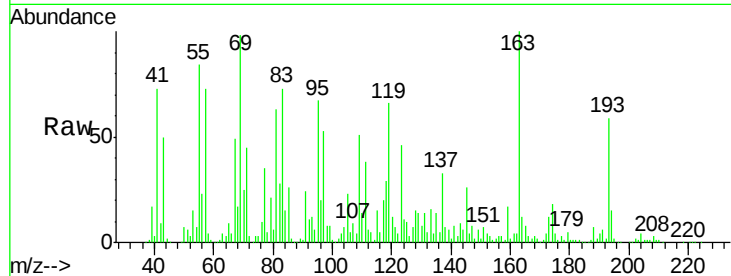




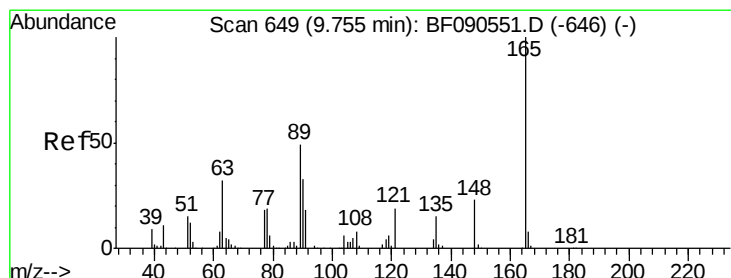
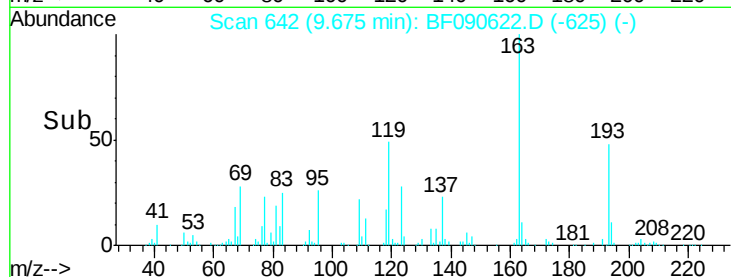
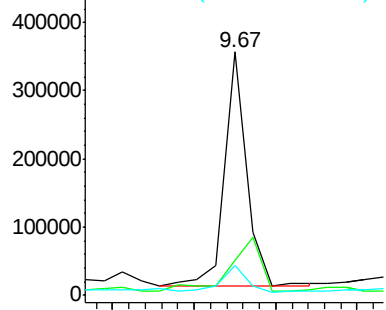
#49
Dimethylphthalate
Concen: 13.79 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:163 Resp: 319661
Ion Ratio Lower Upper
163 100
194 14.6 2.3 3.5#
164 12.3 8.6 13.0

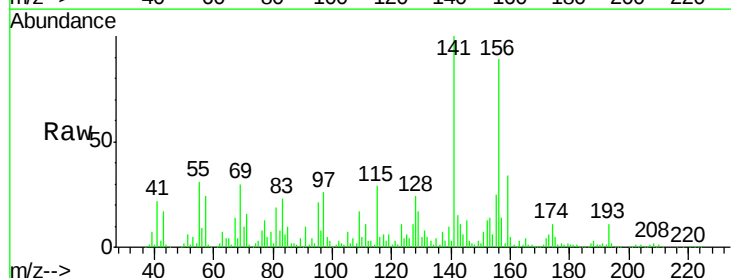


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

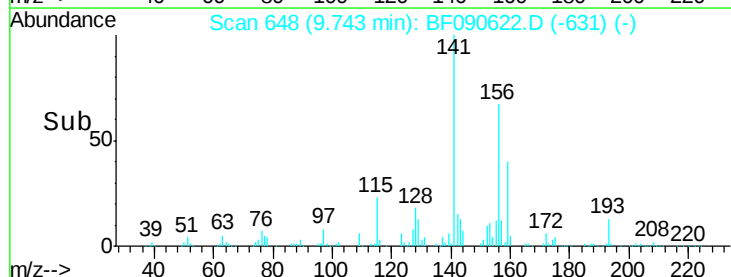
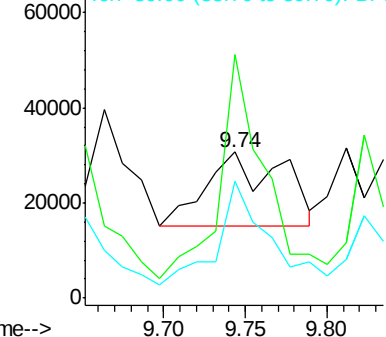


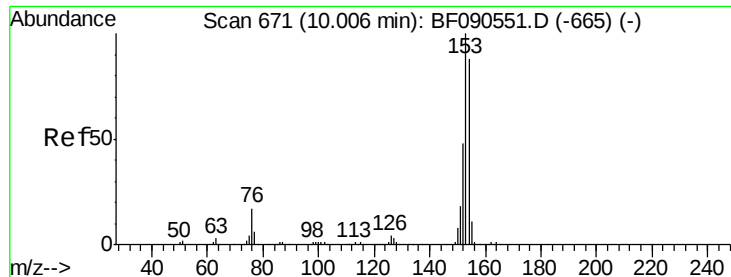
#50
2,6-Dinitrotoluene
Concen: 9.93 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:165 Resp: 50334
Ion Ratio Lower Upper
165 100
63 166.9 40.1 60.1#
89 80.4 39.5 59.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 8.24 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

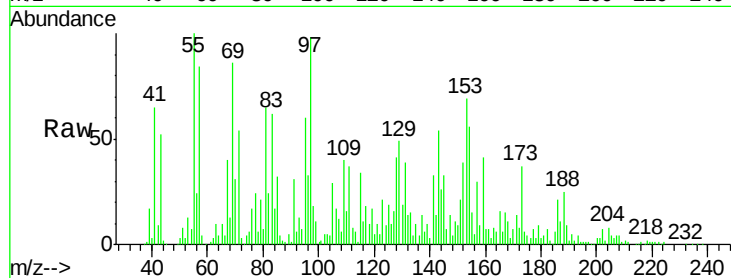
Tgt Ion:154 Resp: 176869

Ion Ratio Lower Upper

154 100

153 122.7 91.2 136.8

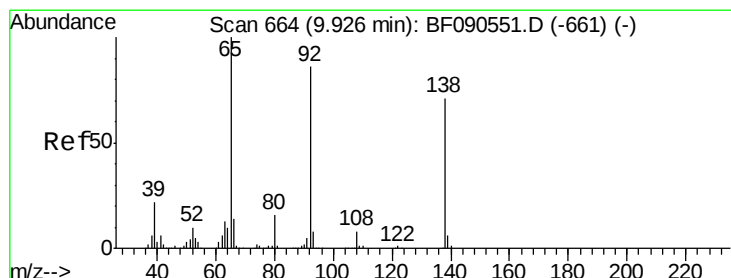
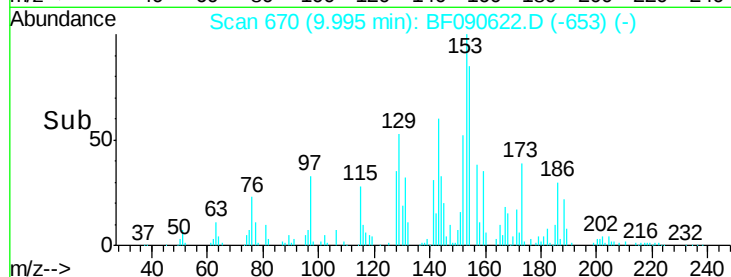
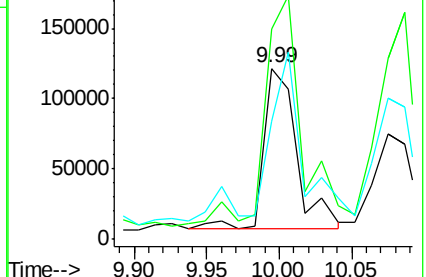
152 69.0 44.0 66.0#



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



#52

3-Nitroaniline

Concen: 4.89 ng

RT: 9.93 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

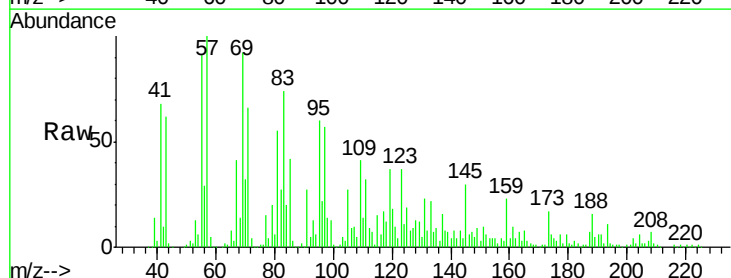
Tgt Ion:138 Resp: 31129

Ion Ratio Lower Upper

138 100

108 66.9 8.6 12.8#

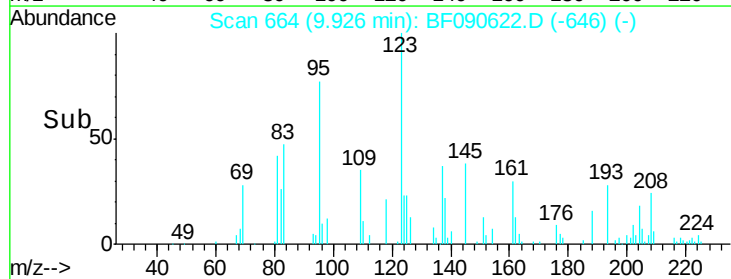
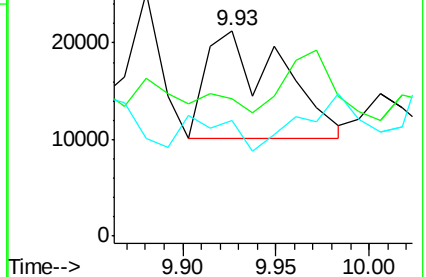
92 56.2 97.8 146.8#

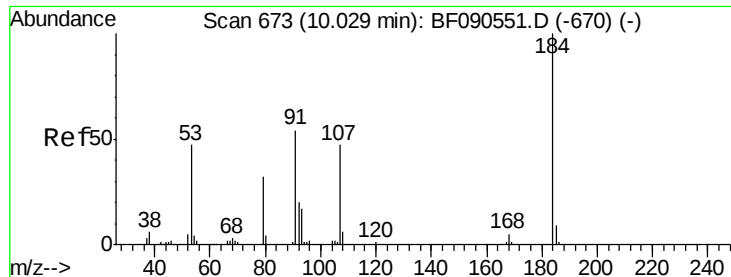


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

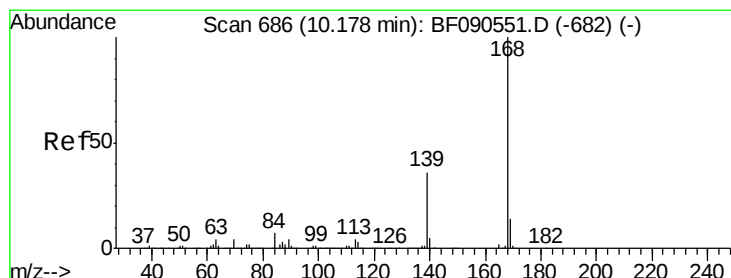
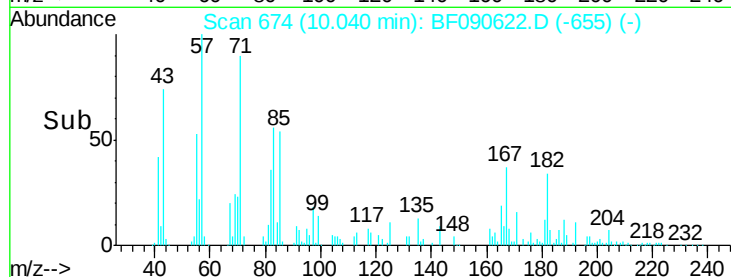
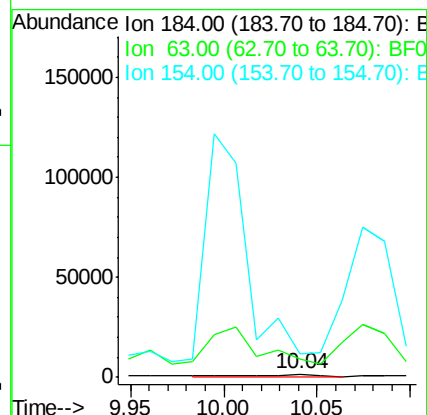
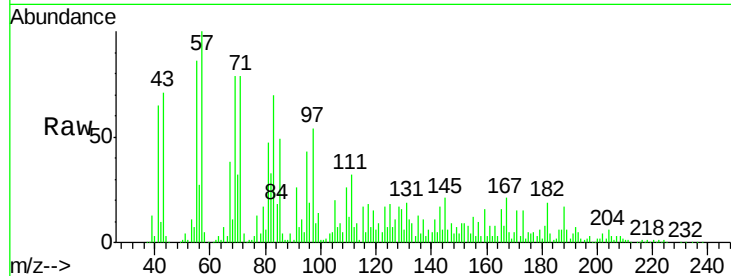




#53
2,4-Dinitrophenol
Concen: 6.60 ng
RT: 10.04 min Scan# 674
Delta R.T. 0.02 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

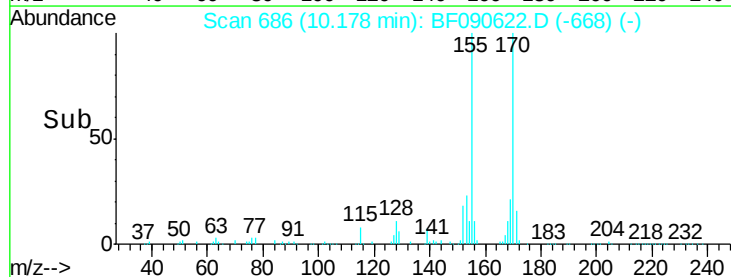
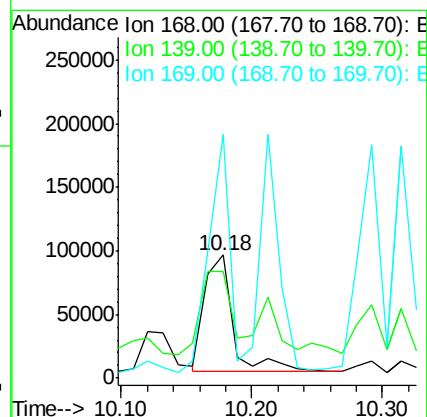
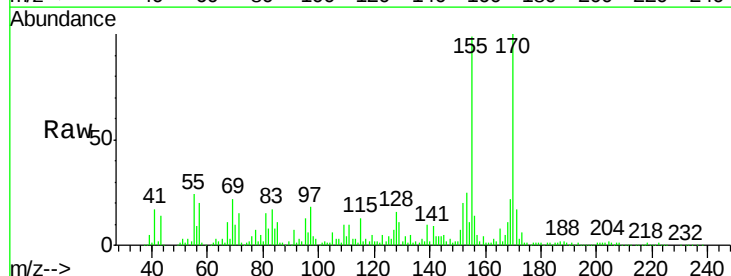
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

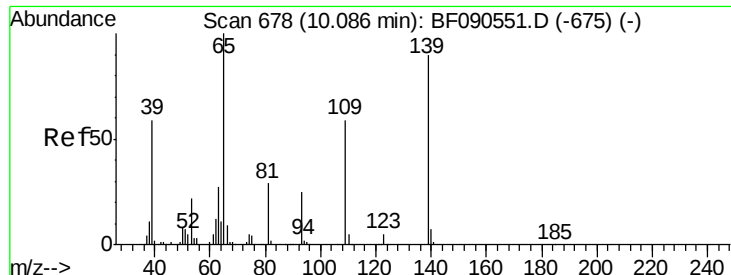
Tgt Ion:184 Resp: 2755
Ion Ratio Lower Upper
184 100
63 558.5 60.2 90.2#
154 705.9 86.1 129.1#



#54
Dibenzofuran
Concen: 4.97 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:168 Resp: 140350
Ion Ratio Lower Upper
168 100
139 87.1 30.5 45.7#
169 198.3 10.9 16.3#

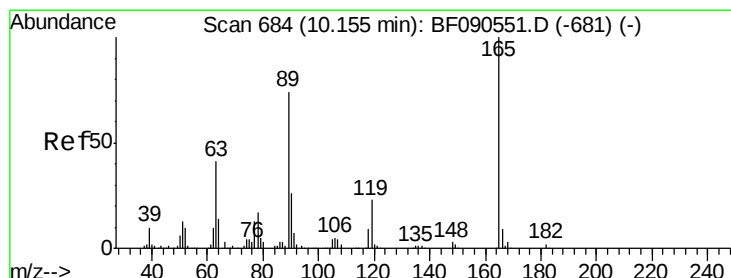
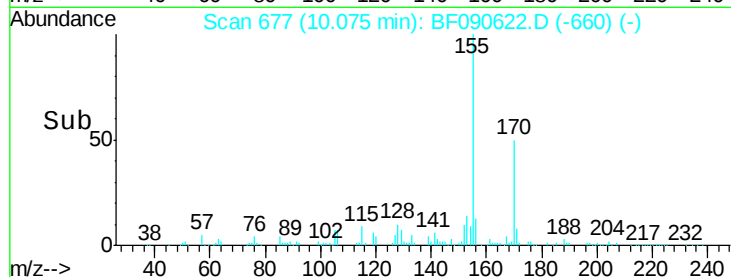
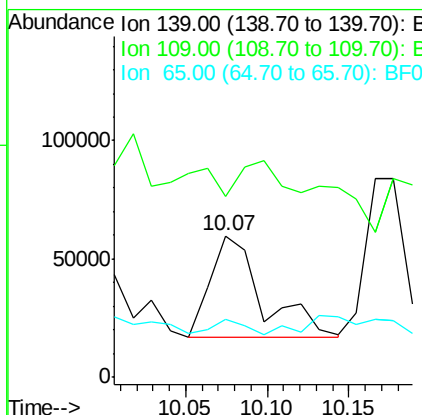
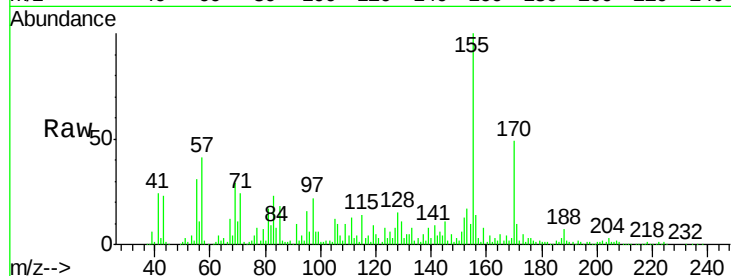




#55
4-Nitrophenol
Concen: 24.52 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

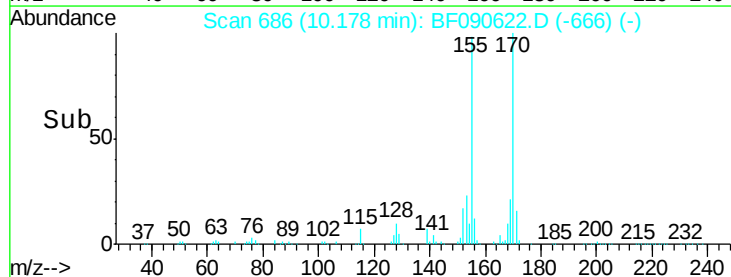
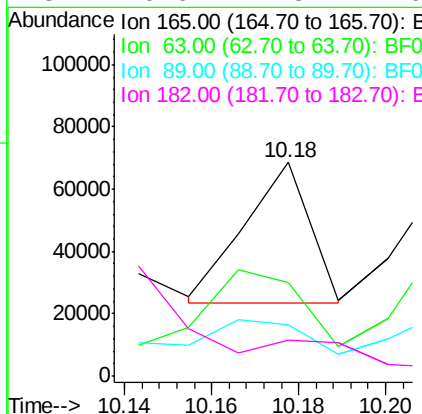
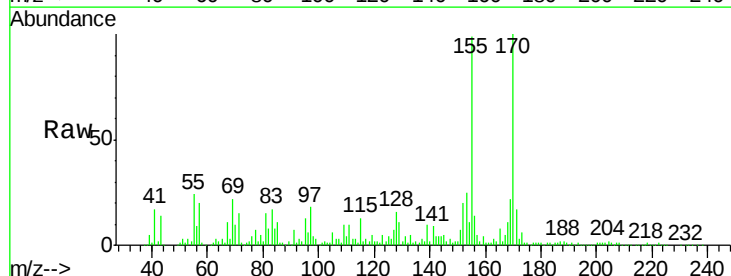
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

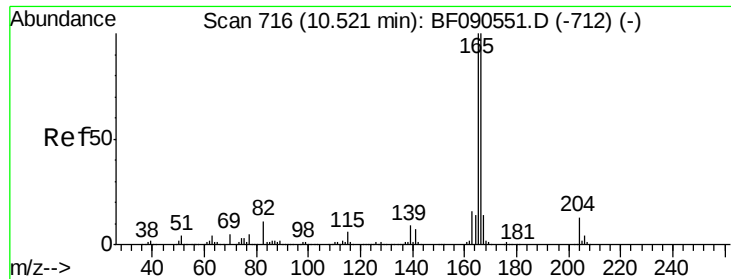
Tgt Ion:139 Resp: 93910
Ion Ratio Lower Upper
139 100
109 127.2 45.9 85.9#
65 41.2 95.8 135.8#



#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:165 Resp: 47157
Ion Ratio Lower Upper
165 100
63 43.9 35.4 53.0
89 24.2 59.0 88.4#
182 16.6 1.8 2.6#





#57

Fluorene

Concen: 14.50 ng

RT: 10.52 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

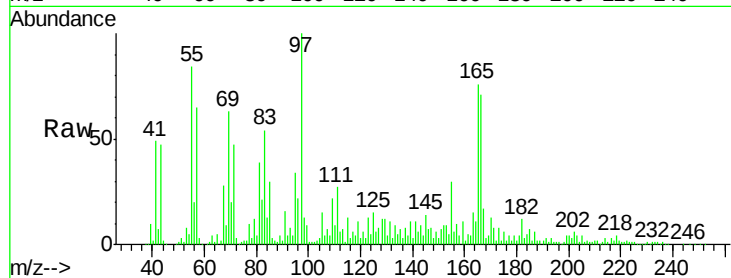
Tgt Ion:166 Resp: 337499

Ion Ratio Lower Upper

166 100

165 106.8 79.9 119.9

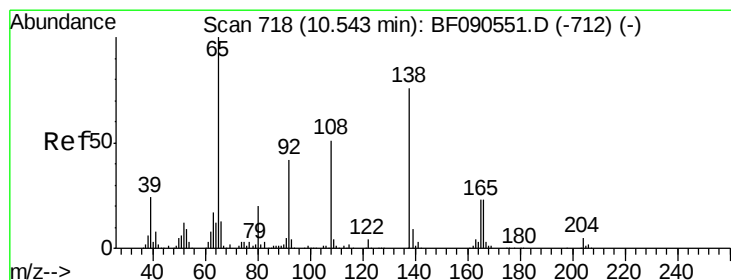
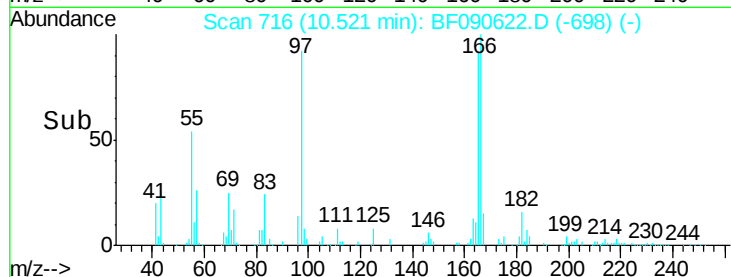
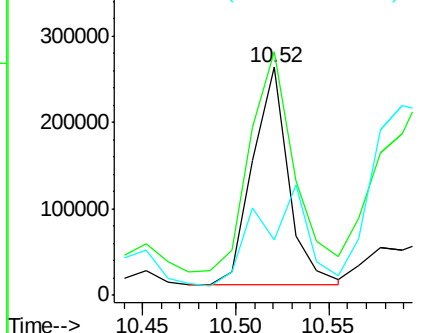
167 24.5 10.9 16.3#



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



#61

4-Nitroaniline

Concen: 3.56 ng

RT: 10.43 min Scan# 708

Delta R.T. -0.10 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

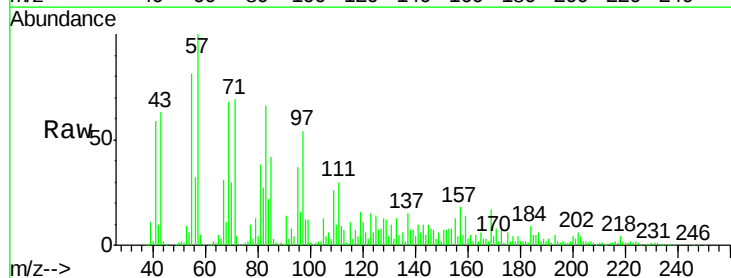
Tgt Ion:138 Resp: 22740

Ion Ratio Lower Upper

138 100

92 43.7 35.7 75.7

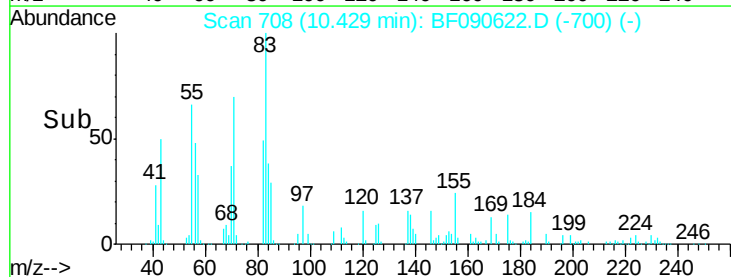
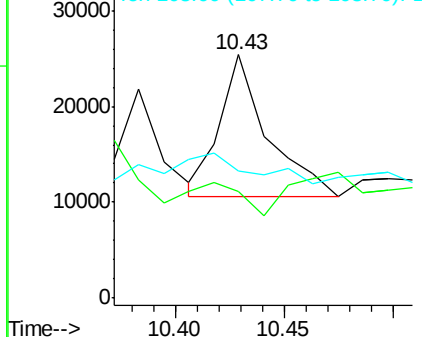
108 52.4 46.9 86.9

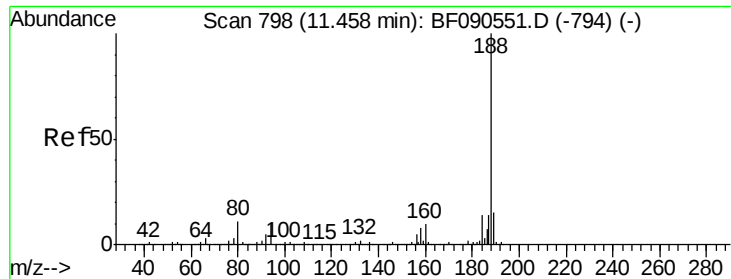


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

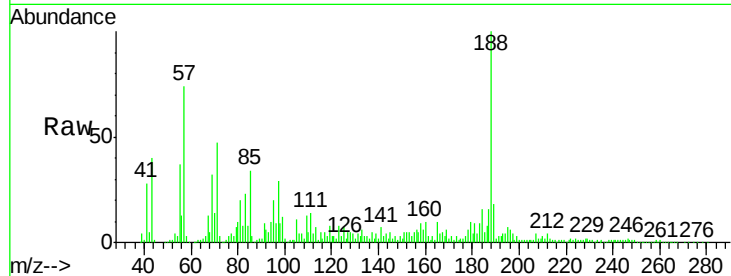




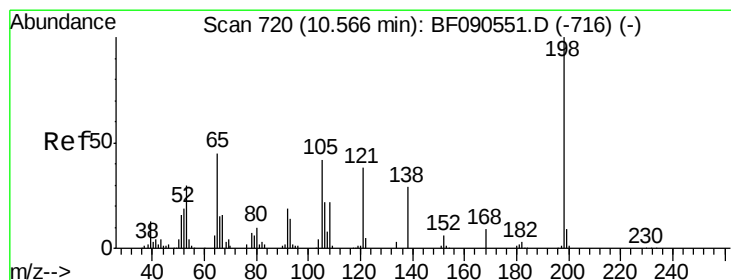
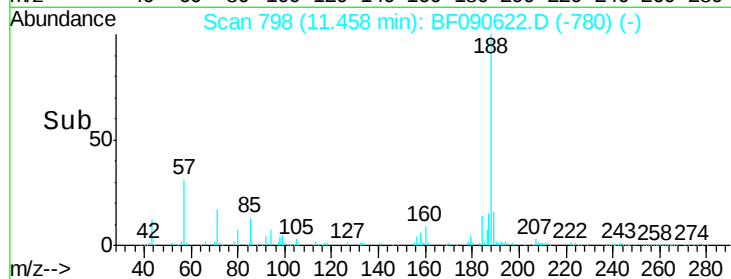
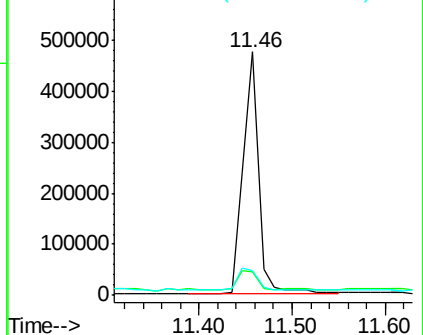
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

Tgt Ion:188 Resp: 562245
Ion Ratio Lower Upper
188 100
94 9.7 7.7 11.5
80 9.9 8.6 12.8

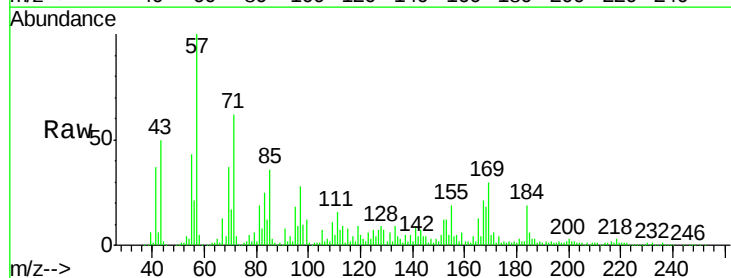


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

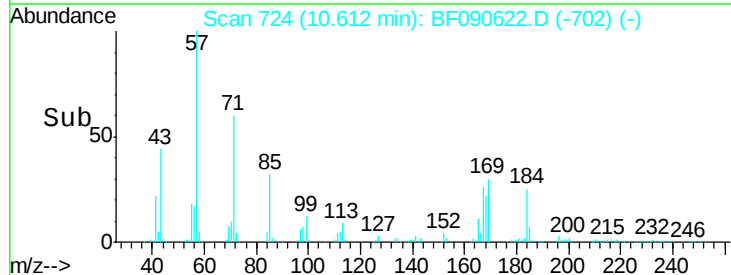
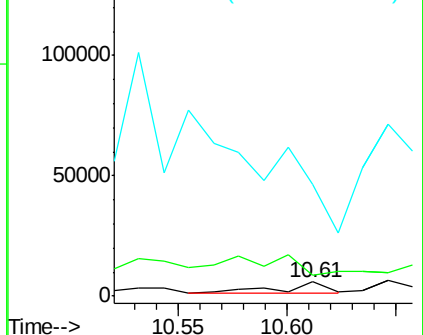


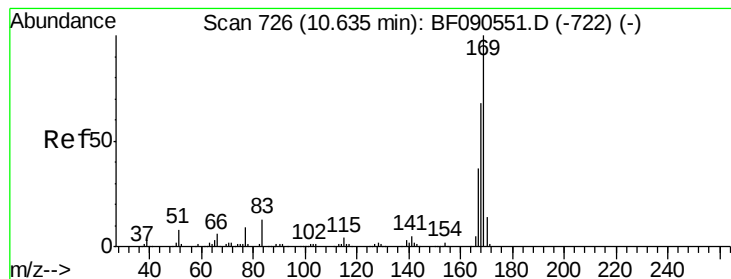
#64
4,6-Dinitro-2-methylphenol
Concen: 2.11 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.06 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:198 Resp: 7195
Ion Ratio Lower Upper
198 100
51 150.7 19.7 59.7#
105 785.4 22.6 62.6#



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

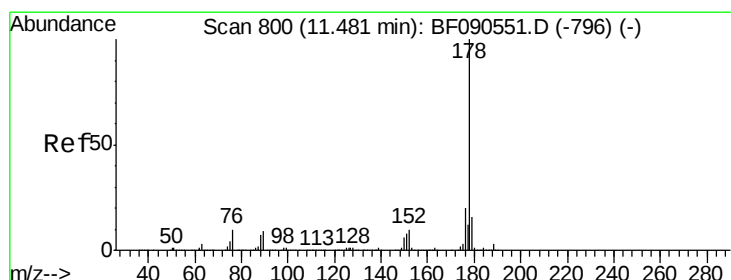
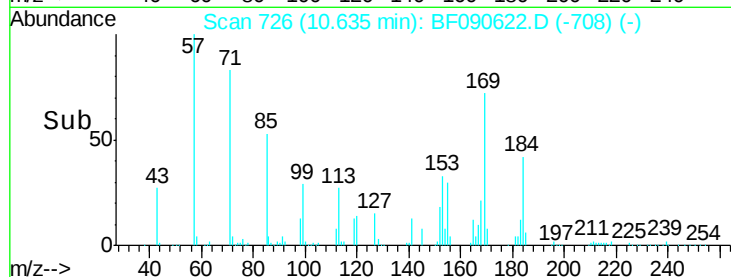
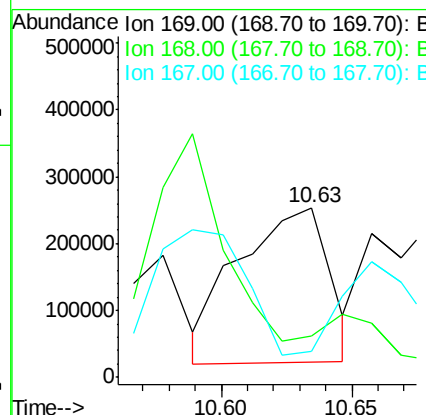
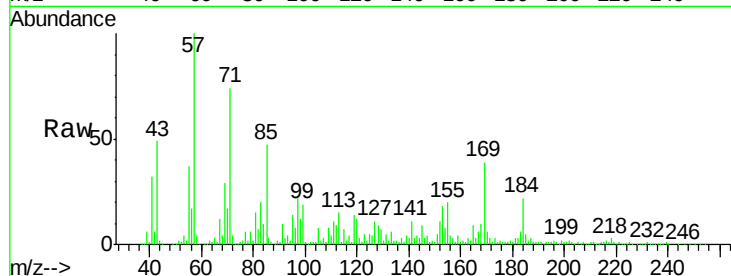




#65
 n-Nitrosodiphenylamine
 Concen: 30.34 ng
 RT: 10.63 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

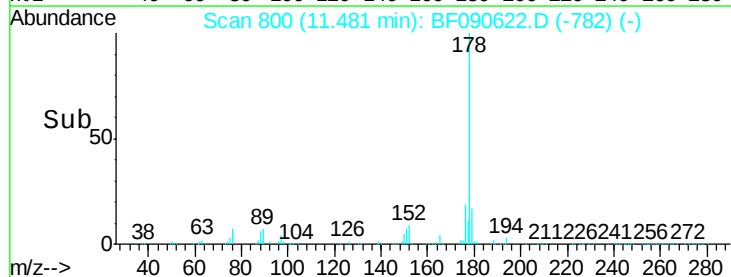
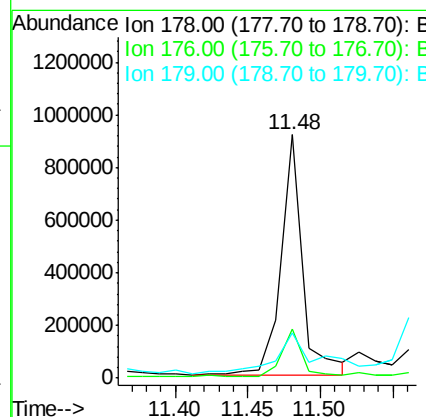
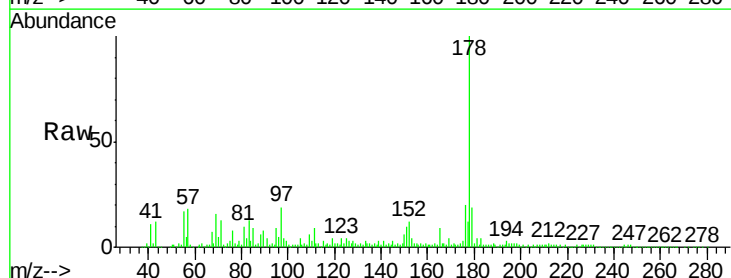
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

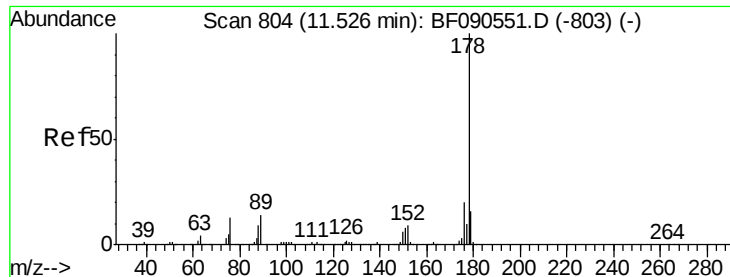
Tgt Ion:169 Resp: 563456
 Ion Ratio Lower Upper
 169 100
 168 24.4 54.6 81.8#
 167 15.1 29.8 44.8#



#70
 Phenanthrene
 Concen: 31.78 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:178 Resp: 953754
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.1 24.1
 179 18.7 12.6 19.0





#71

Anthracene

Concen: 29.53 ng

RT: 11.48 min Scan# 800

Delta R.T. -0.03 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

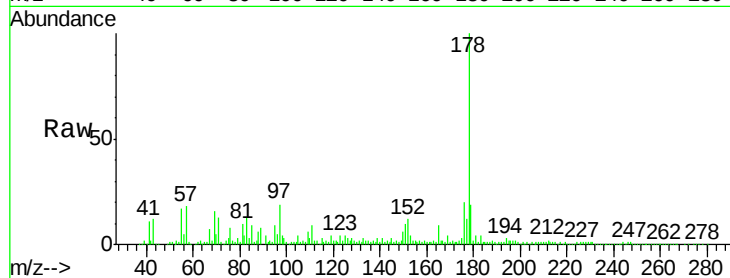
Tgt Ion:178 Resp: 953754

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

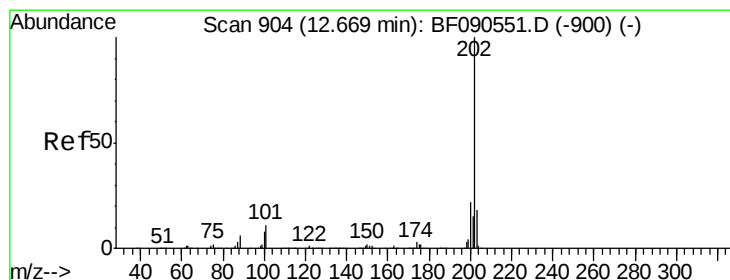
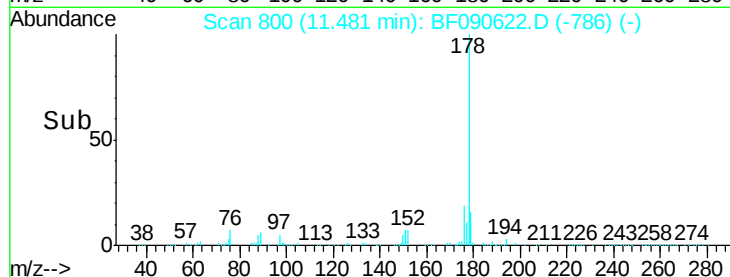
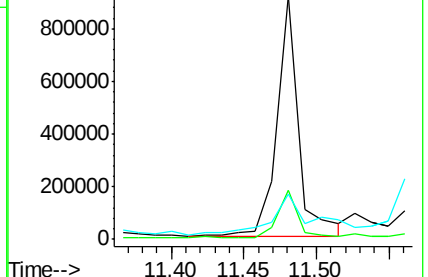
179 18.7 13.0 19.4



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



#74

Fluoranthene

Concen: 3.38 ng

RT: 12.66 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

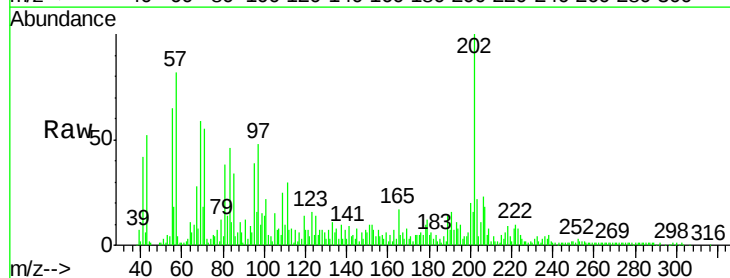
Tgt Ion:202 Resp: 102105

Ion Ratio Lower Upper

202 100

101 22.4 0.0 31.1

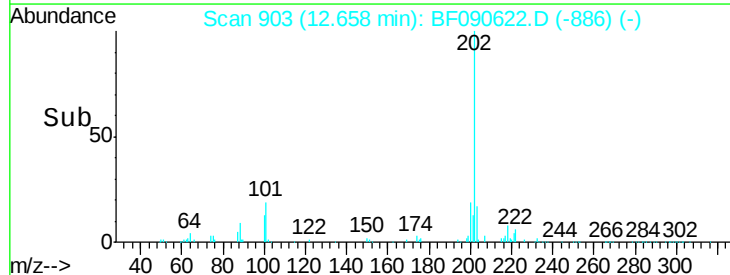
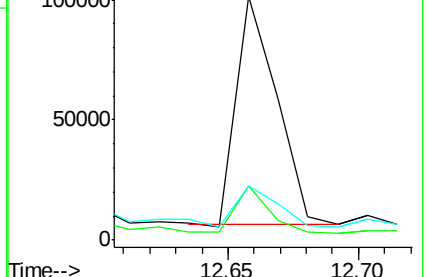
203 22.1 0.0 38.0

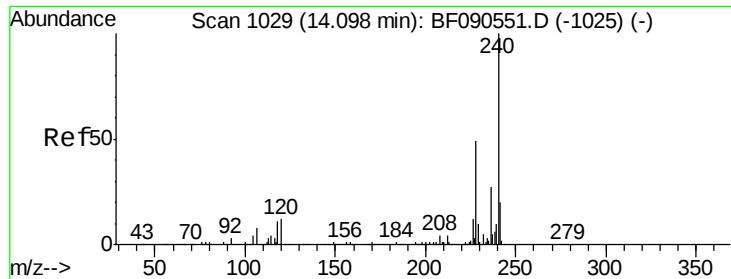


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

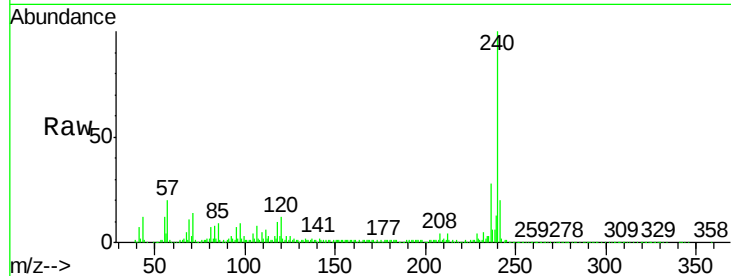
Tgt Ion:240 Resp: 444177

Ion Ratio Lower Upper

240 100

120 11.8 9.8 14.8

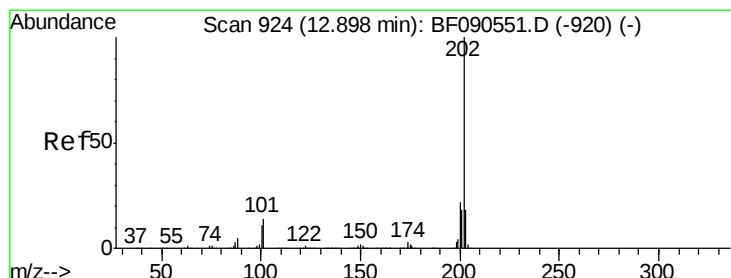
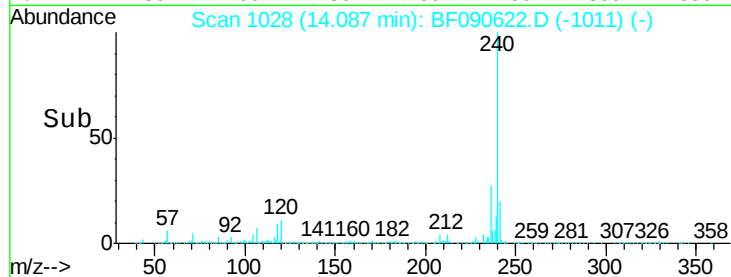
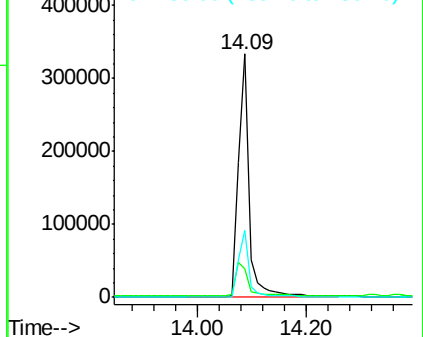
236 27.5 21.7 32.5



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: 5.53 ng

RT: 12.89 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

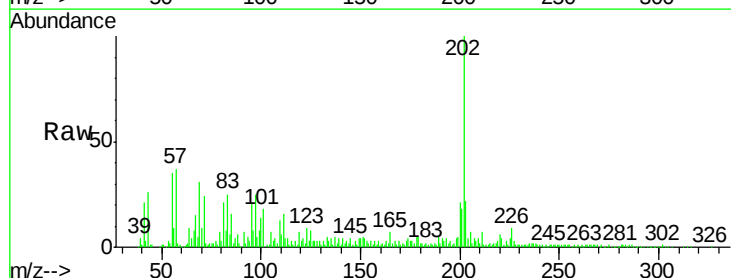
Tgt Ion:202 Resp: 162696

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

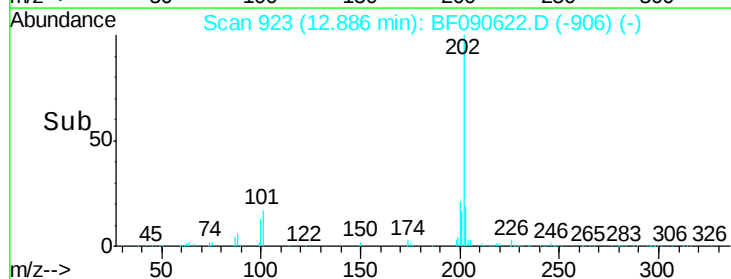
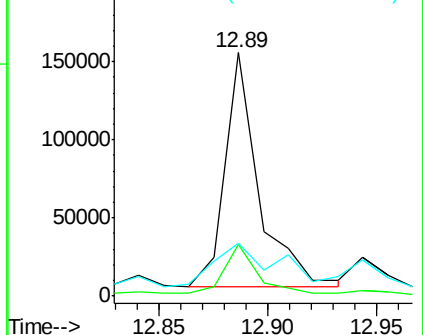
203 21.9 14.6 21.8#

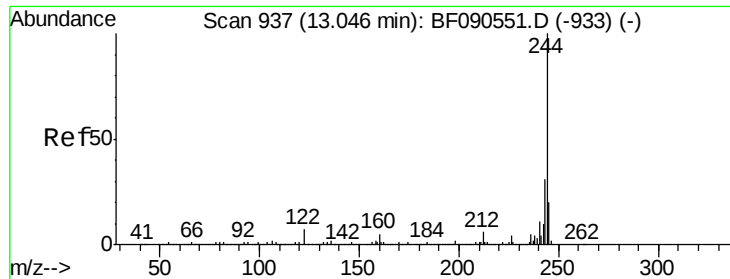


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

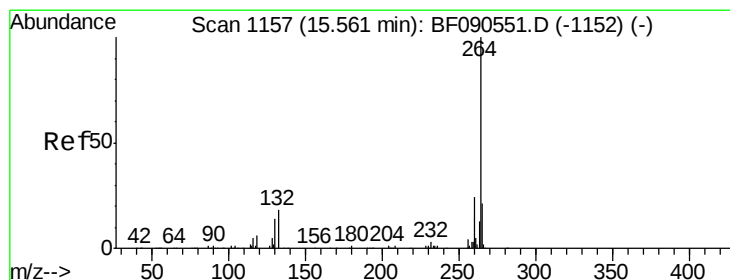
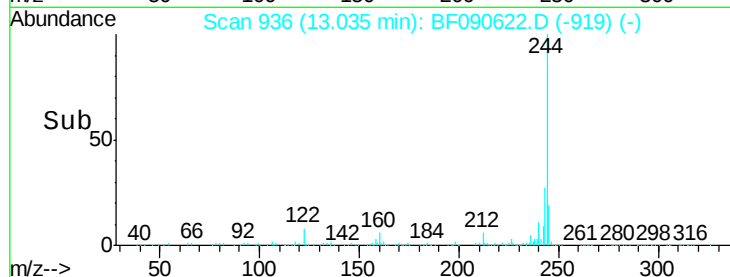
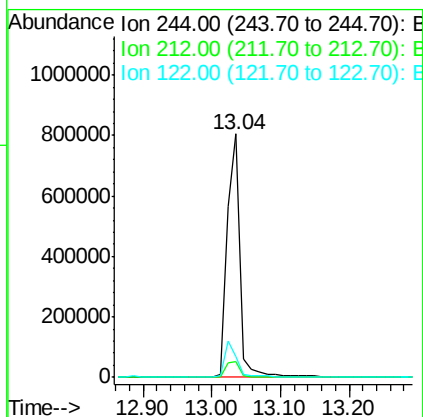
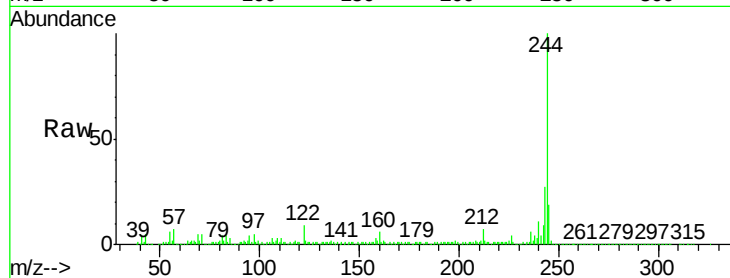




#78
 Terphenyl-d14
 Concen: 55.00 ng
 RT: 13.04 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Tgt Ion:244 Resp: 1049253
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 8.6 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:264 Resp: 393861
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.6 16.7 25.1

