

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090479.D
 Acq On : 8 Oct 2016 10:34
 Operator : UM/SJ
 Sample : H5134-04MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

Quant Time: Oct 10 00:47:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	219651	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	560380	20.00	ng	0.01
38) Acenaphthene-d10	10.10	164	180018	20.00	ng	0.05
63) Phenanthrene-d10	11.57	188	401533	20.00	ng	0.02
75) Chrysene-d12	14.20	240	470997	20.00	ng	0.00
86) Perylene-d12	15.70	264	443658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1313229	89.23	ng	0.00
7) Phenol-d6	6.63	99	1907375	98.95	ng	0.01
23) Nitrobenzene-d5	7.56	82	952784	82.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.89	330	216093	147.63	ng	0.03
44) 2-Fluorobiphenyl	9.40	172	1054219	97.57	ng	0.02
78) Terphenyl-d14	13.14	244	1281209	61.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	176593	24.34	ng	# 85
3) Pyridine	3.47	79	566847	28.02	ng	# 76
4) n-Nitrosodimethylamine	3.40	42	216425	25.93	ng	# 46
6) Aniline	6.66	93	346040	13.00	ng	97
8) 2-Chlorophenol	6.78	128	509250	31.44	ng	95
9) Benzaldehyde	6.53	77	213596	21.92	ng	92
10) Phenol	6.65	94	789287	35.22	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	519825	30.29	ng	96
12) 1,3-Dichlorobenzene	6.94	146	521124	32.28	ng	98
13) 1,4-Dichlorobenzene	7.01	146	494673	30.17	ng	98
14) 1,2-Dichlorobenzene	7.01	146	465344	29.45	ng	97
15) Benzyl Alcohol	7.14	79	537367	36.67	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	477500	16.41	ng	# 46
17) 2-Methylphenol	7.25	107	402535	30.22	ng	# 81
18) Hexachloroethane	7.58	117	2340034	361.98	ng	# 23
19) n-Nitroso-di-n-propylamine	7.41	70	463940	32.82	ng	# 79
20) 3+4-Methylphenols	7.41	107	493211	28.61	ng	# 72
22) Acetophenone	7.41	105	630483	47.50	ng	# 89
24) Nitrobenzene	7.58	77	775700	67.82	ng	# 89
25) Isophorone	7.82	82	1163893	55.26	ng	# 44
26) 2-Nitrophenol	7.90	139	146385	29.74	ng	# 1
27) 2,4-Dimethylphenol	7.95	122	395167	41.28	ng	89
28) bis(2-Chloroethoxy)methane	8.03	93	501611	40.27	ng	# 15
29) 2,4-Dichlorophenol	8.15	162	445394	61.19	ng	85
30) 1,2,4-Trichlorobenzene	8.23	180	401251	53.49	ng	96
31) Naphthalene	8.33	128	1752962	64.84	ng	# 77
32) Benzoic acid	8.04	122	32358	4.86	ng	# 1
33) 4-Chloroaniline	8.33	127	386994	34.63	ng	# 11
34) Hexachlorobutadiene	8.44	225	209220	49.92	ng	99
35) Caprolactam	8.75	113	555602	227.04	ng	# 65
36) 4-Chloro-3-methylphenol	8.86	107	311969	34.23	ng	93
37) 2-Methylnaphthalene	9.05	142	814691	49.78	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.22	216	232891	49.07	ng	# 73
40) Hexachlorocyclopentadiene	9.19	237	26412	10.15	ng	94

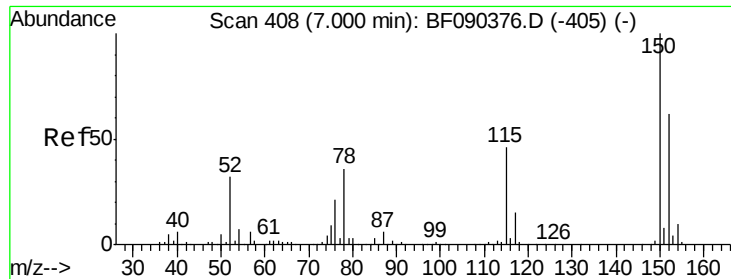
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.32	196	262643	80.20	ng	91
43) 2,4,5-Trichlorophenol	9.32	196	262643	84.81	ng #	1
45) 1,1'-Biphenyl	9.50	154	493351	36.98	ng	98
46) 2-Chloronaphthalene	9.53	162	396578	40.24	ng #	84
47) 2-Nitroaniline	9.61	65	160356	41.23	ng	92
48) Acenaphthylene	9.96	152	734773	45.18	ng #	71
49) Dimethylphthalate	9.79	163	618187	53.62	ng #	91
50) 2,6-Dinitrotoluene	9.87	165	157360	61.48	ng #	90
51) Acenaphthene	10.12	154	594258	58.61	ng #	80
52) 3-Nitroaniline	10.02	138	155633	52.05	ng #	76
53) 2,4-Dinitrophenol	10.17	184	3669	3.21	ng #	1
54) Dibenzofuran	10.30	168	658717	50.19	ng #	43
55) 4-Nitrophenol	10.18	139	306737	117.25	ng #	51
56) 2,4-Dinitrotoluene	10.29	165	85473	25.09	ng #	62
57) Fluorene	10.65	166	849282	77.00	ng #	87
58) 2,3,4,6-Tetrachlorophenol	10.43	232	57908	25.04	ng #	1
59) Diethylphthalate	10.54	149	24678	2.07	ng #	24
60) 4-Chlorophenyl-phenylether	10.63	204	178348	35.56	ng #	66
61) 4-Nitroaniline	10.63	138	91731	30.45	ng	92
62) Azobenzene	10.79	77	469221	34.06	ng #	26
64) 4,6-Dinitro-2-methylphenol	10.62	198	6589	7.59	ng #	1
65) n-Nitrosodiphenylamine	10.74	169	369230	27.44	ng #	82
66) 4-Bromophenyl-phenylether	11.11	248	158957	40.39	ng #	59
67) Hexachlorobenzene	11.23	284	105604	24.09	ng #	75
68) Atrazine	11.27	200	181444	54.69	ng	77
69) Pentachlorophenol	11.39	266	147145	56.40	ng	99
70) Phenanthrene	11.61	178	2898058	140.95	ng	95
71) Anthracene	11.65	178	912695	43.47	ng #	90
72) Carbazole	11.80	167	656267	33.64	ng #	87
73) Di-n-butylphthalate	12.12	149	876160	36.91	ng	98
74) Fluoranthene	12.78	202	2132288	105.73	ng	95
76) Benzidine	12.89	184	259733	20.97	ng #	85
77) Pyrene	13.01	202	2458514	78.28	ng	98
79) Butylbenzylphthalate	13.61	149	499178	30.98	ng	98
80) Benzo(a)anthracene	14.19	228	2082048	78.79	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	274347	28.63	ng #	98
82) Chrysene	14.22	228	1841401	75.71	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	833394	36.38	ng	98
84) Di-n-octyl phthalate	14.78	149	1219258	35.90	ng #	91
85) Indeno(1,2,3-cd)pyrene	17.23	276	1361743	78.53	ng	97
87) Benzo(h)fluoranthene	15.29	252	3814845	134.99	ng #	94
88) Benzo(k)fluoranthene	15.29	252	3814845	143.71	ng	98
89) Benzo(a)pyrene	15.64	252	2005355	82.33	ng	97
90) Dibenzo(a,h)anthracene	17.24	278	766046	36.97	ng	98
91) Benzo(g,h,i)perylene	17.69	276	1107604	55.70	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

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MJSB-16(6.5-8.5)MS

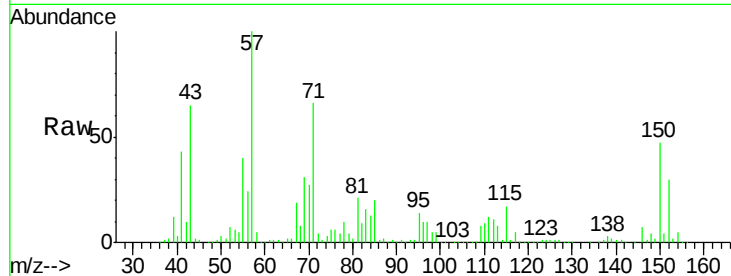
Tgt Ion:152 Resp: 219651

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

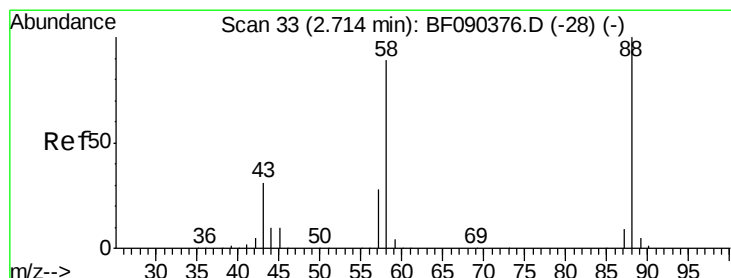
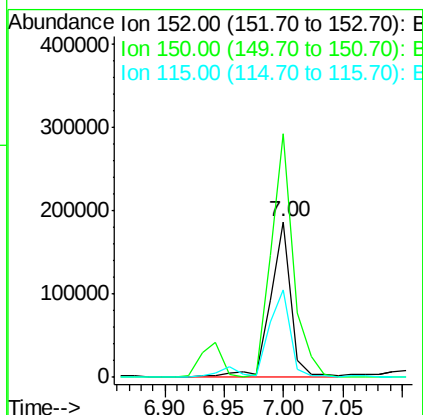
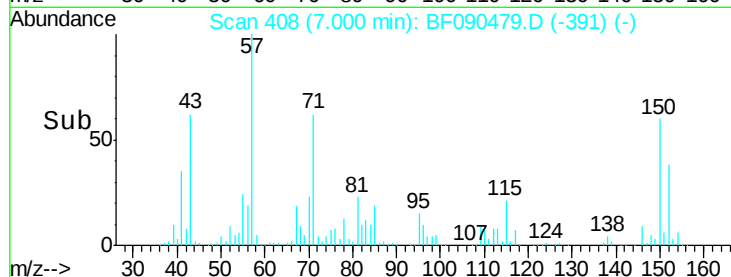
115 55.9 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.34 ng

RT: 2.69 min Scan# 31

Delta R.T. -0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

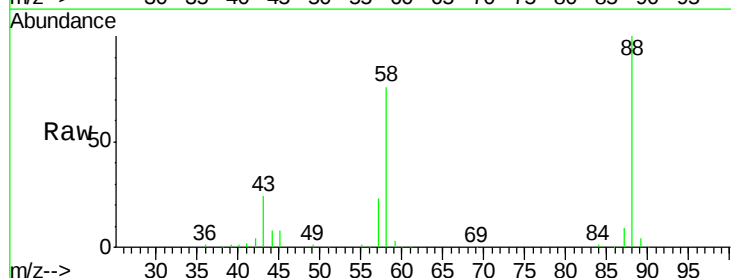
Tgt Ion: 88 Resp: 176593

Ion Ratio Lower Upper

88 100

58 77.5 71.2 106.8

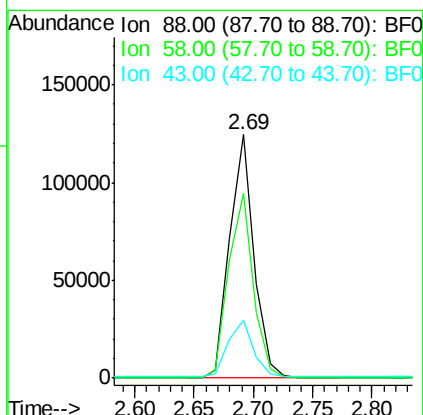
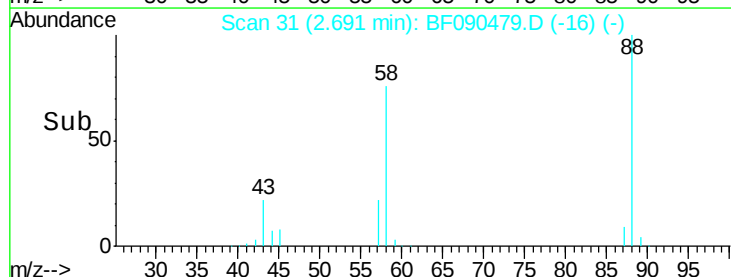
43 24.5 29.8 44.6#

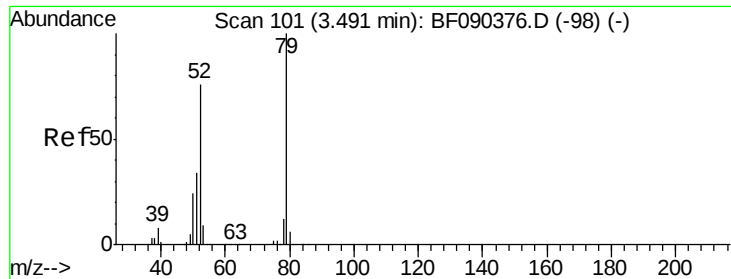


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.02 ng

RT: 3.47 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

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MJSB-16(6.5-8.5)MS

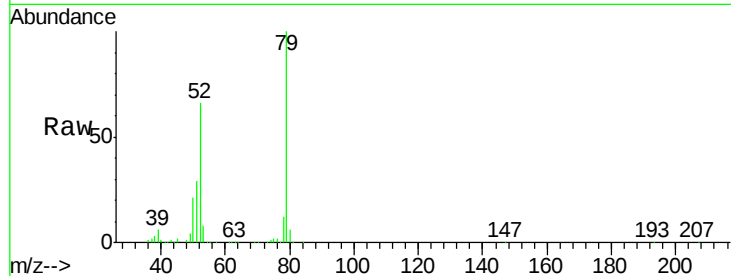
Tgt Ion: 79 Resp: 566847

Ion Ratio Lower Upper

79 100

52 66.2 71.3 106.9#

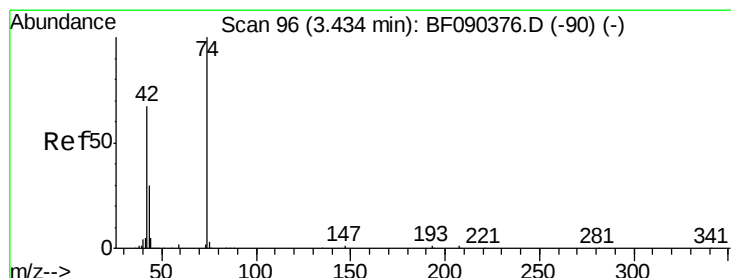
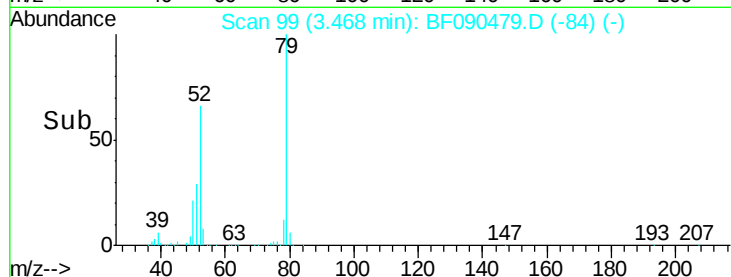
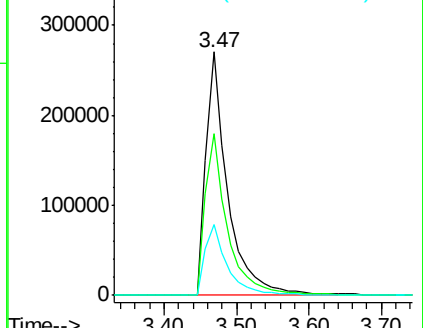
51 29.0 34.5 51.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 25.93 ng

RT: 3.40 min Scan# 93

Delta R.T. -0.03 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

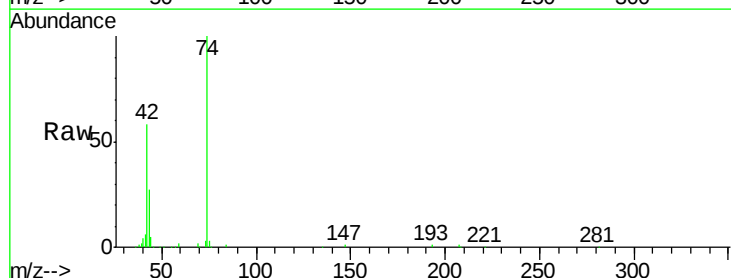
Tgt Ion: 42 Resp: 216425

Ion Ratio Lower Upper

42 100

74 172.9 88.9 133.3#

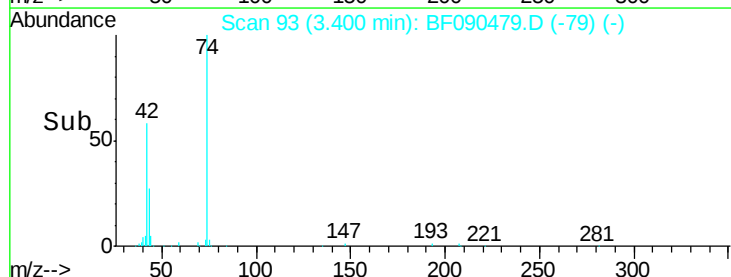
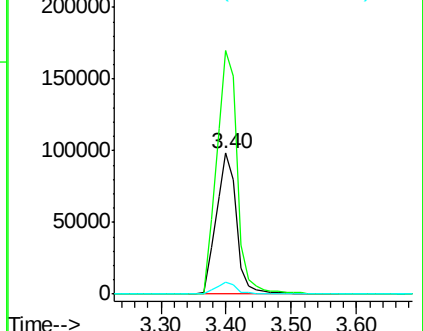
44 8.2 6.5 9.7

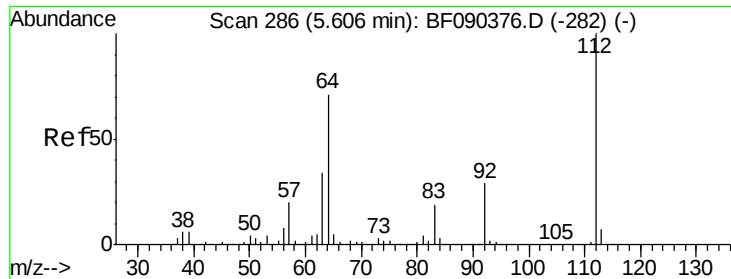


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.23 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

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MJSB-16(6.5-8.5)MS

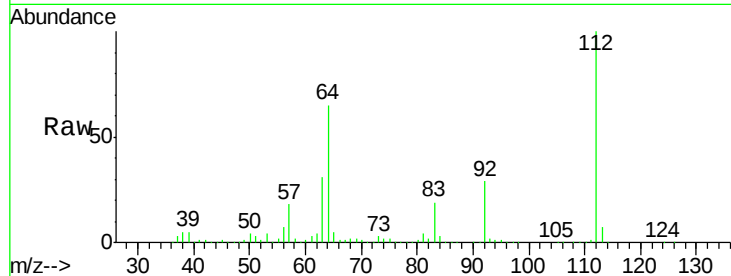
Tgt Ion: 112 Resp: 1313229

Ion Ratio Lower Upper

112 100

64 64.7 57.9 86.9

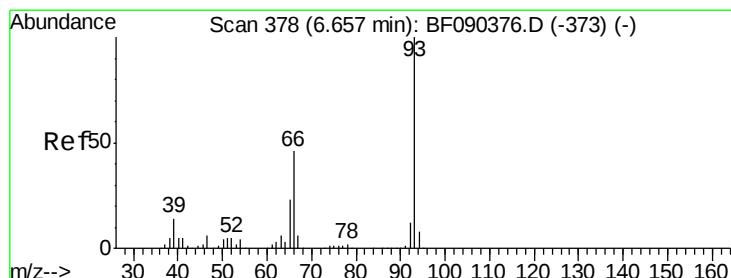
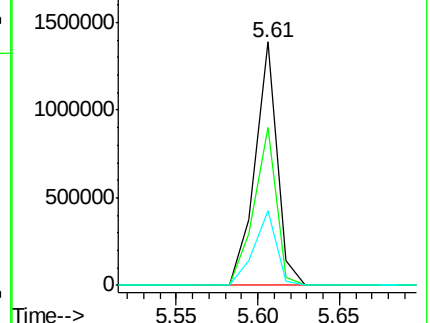
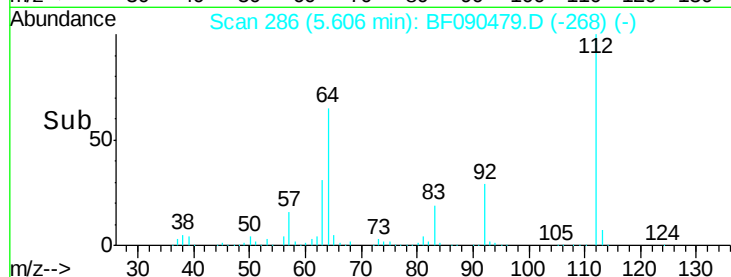
63 30.9 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.00 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

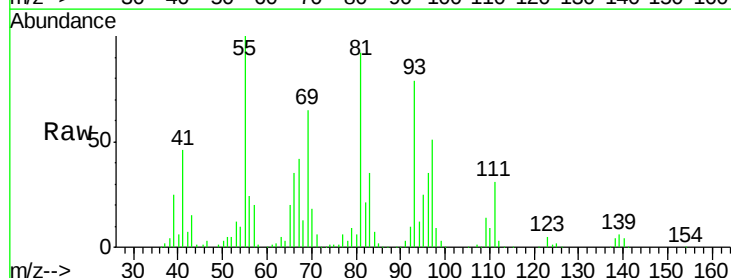
Tgt Ion: 93 Resp: 346040

Ion Ratio Lower Upper

93 100

66 44.2 34.5 51.7

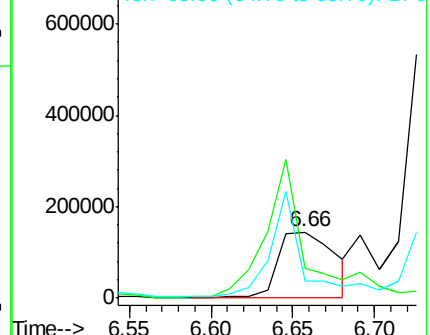
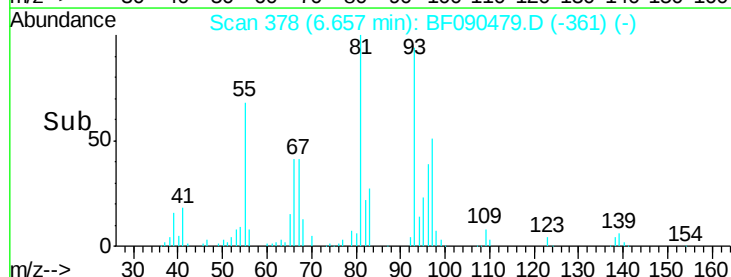
65 25.4 18.2 27.2

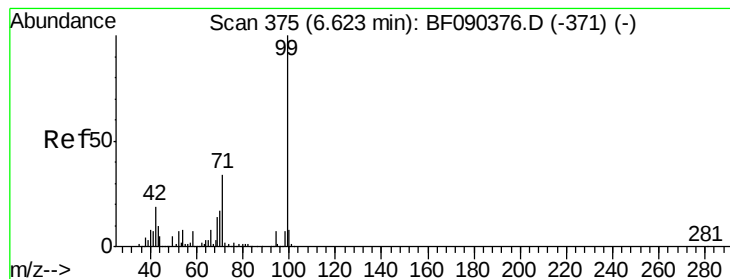


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.95 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

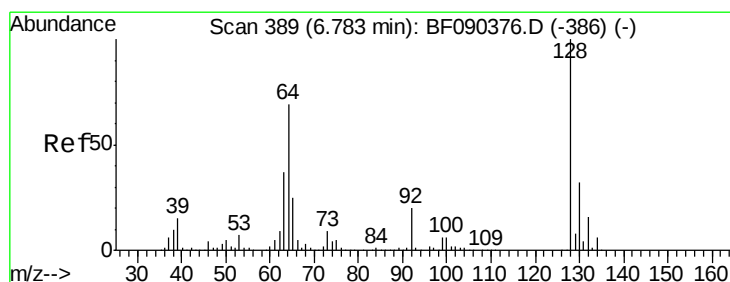
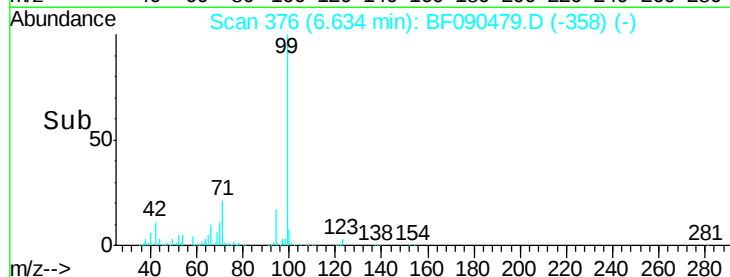
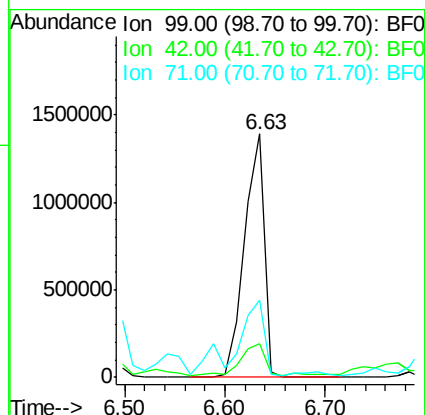
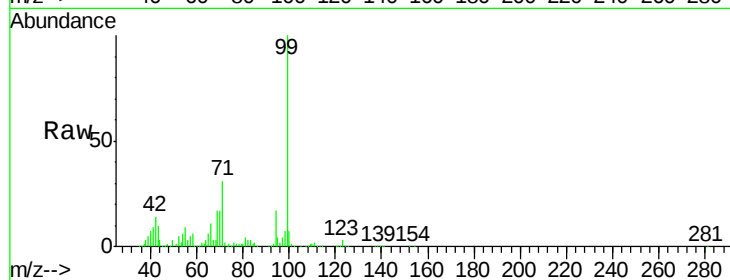
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Tgt Ion: 99 Resp: 1907375

Ion	Ratio	Lower	Upper
99	100		
42	13.8	20.0	30.0#
71	31.5	27.9	41.9



#8

2-Chlorophenol

Concen: 31.44 ng

RT: 6.78 min Scan# 389

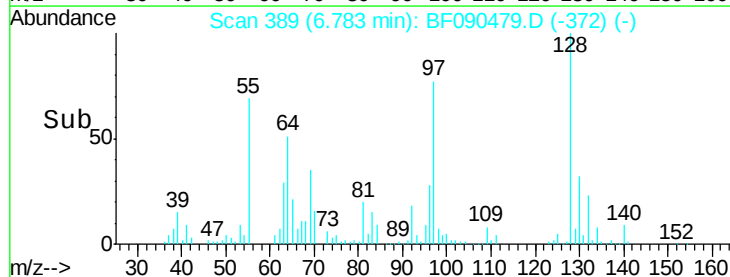
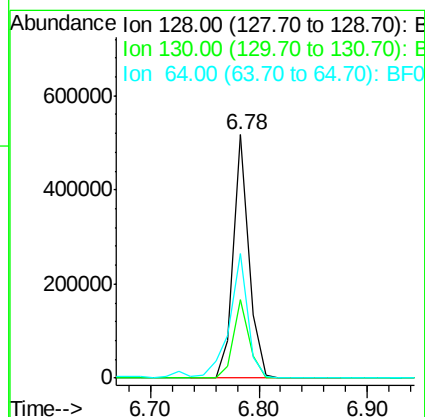
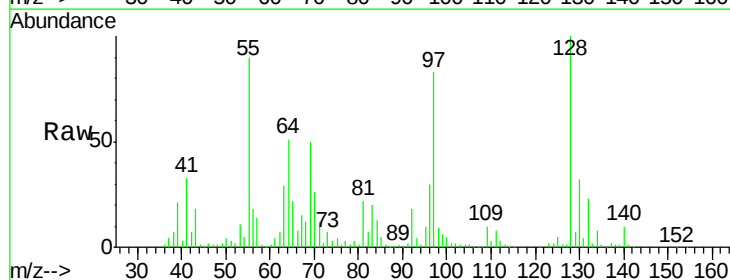
Delta R.T. -0.00 min

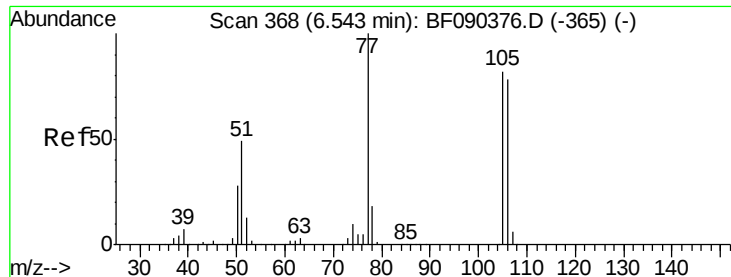
Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Tgt Ion: 128 Resp: 509250

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	51.4	36.0	76.0





#9

Benzaldehyde

Concen: 21.92 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090479.D

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ClientSampleId :

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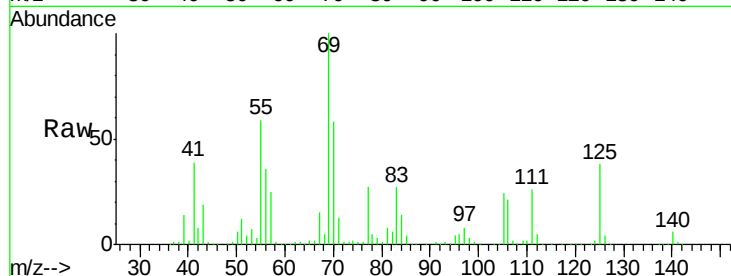
Tgt Ion: 77 Resp: 213596

Ion Ratio Lower Upper

77 100

105 89.0 73.1 113.1

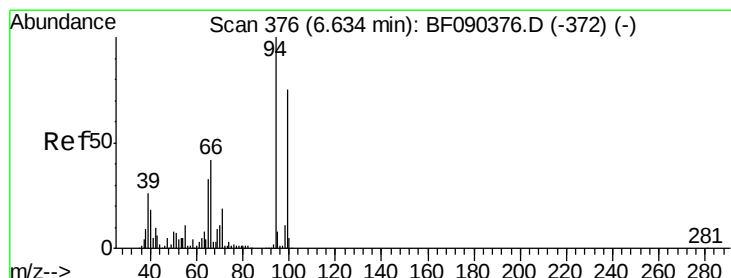
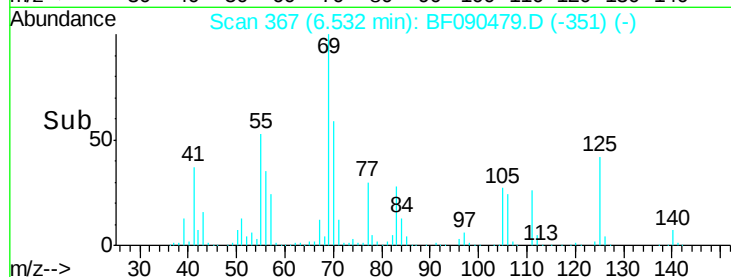
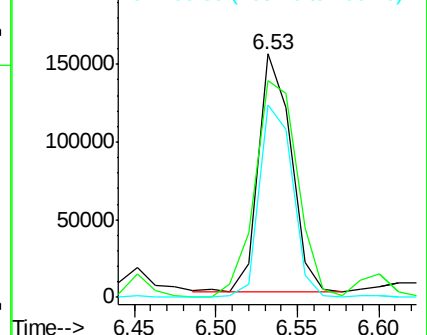
106 79.1 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 35.22 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

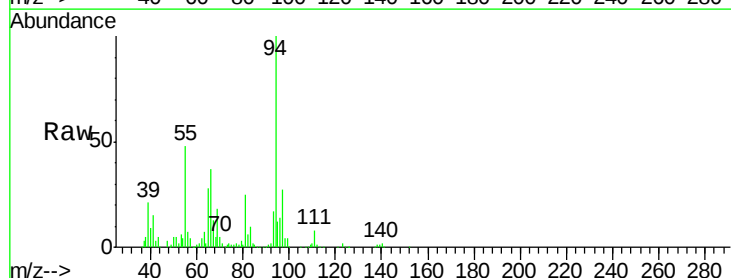
Tgt Ion: 94 Resp: 789287

Ion Ratio Lower Upper

94 100

65 28.5 13.3 53.3

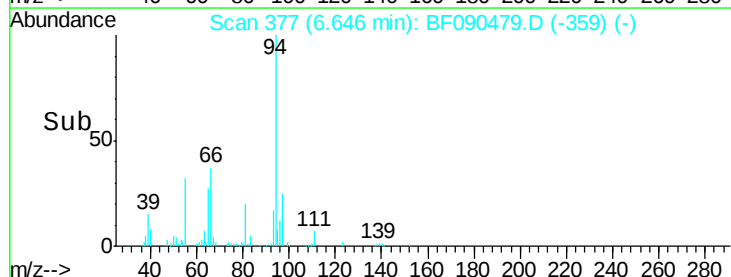
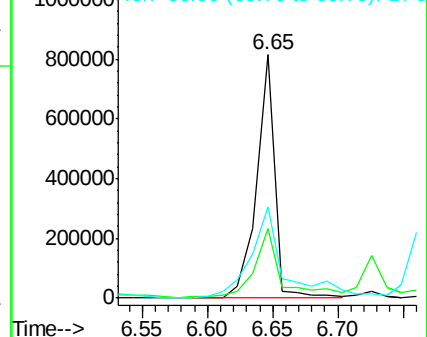
66 37.4 20.4 60.4

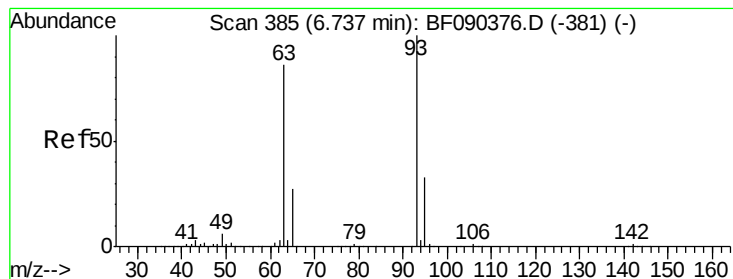


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



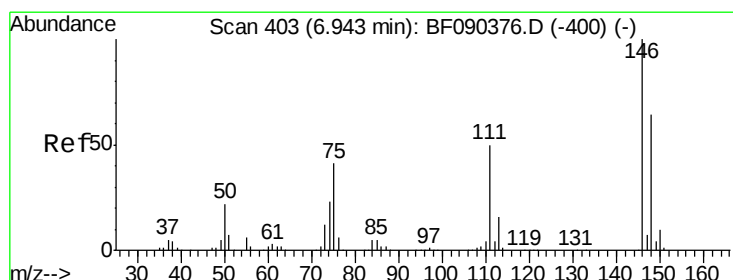
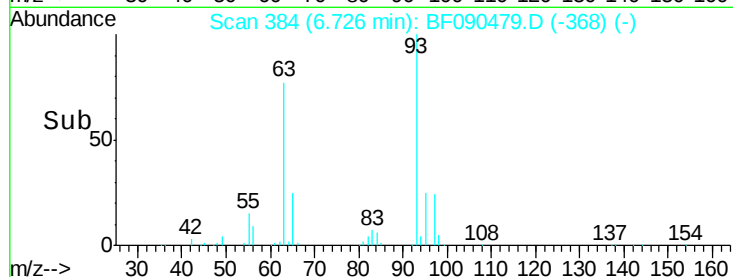
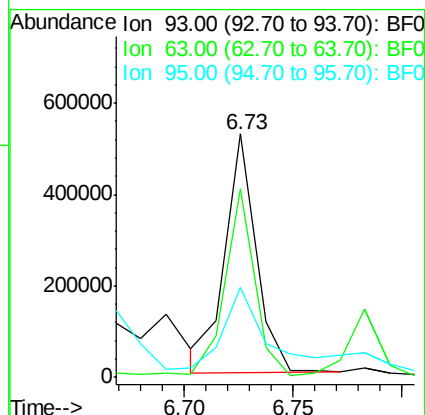
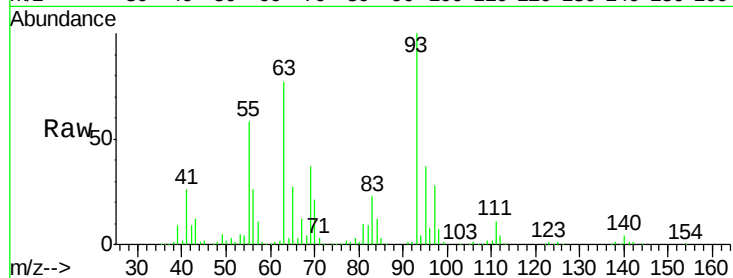


#11

bis(2-Chloroethyl)ether
Concen: 30.29 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

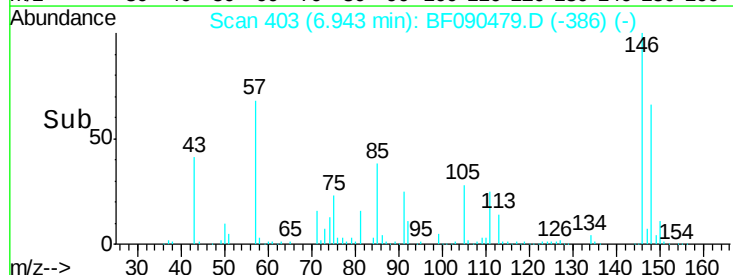
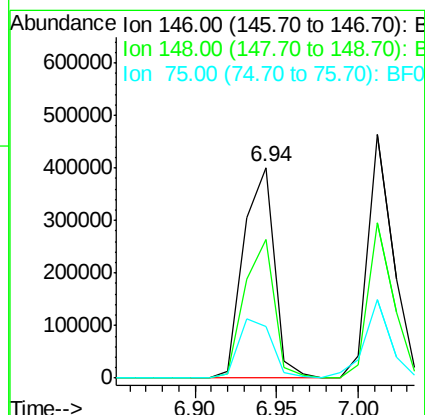
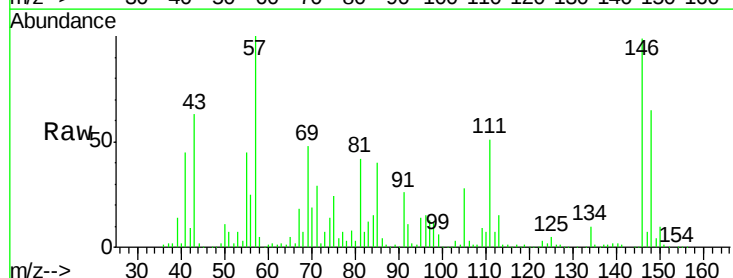
Tgt Ion: 93 Resp: 519825
Ion Ratio Lower Upper
93 100
63 77.4 59.7 99.7
95 37.2 14.0 54.0

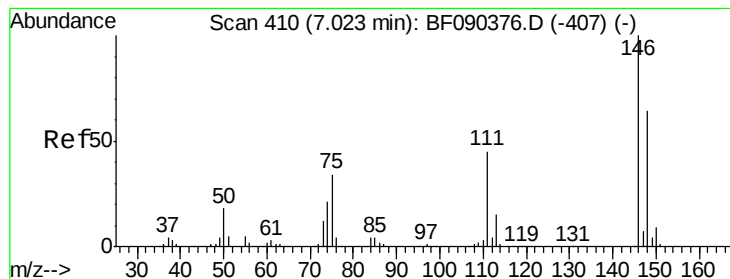


#12

1,3-Dichlorobenzene
Concen: 32.28 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion: 146 Resp: 521124
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.4
75 24.7 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 30.17 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

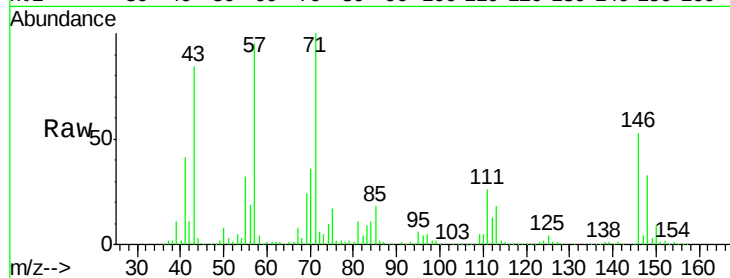
Tgt Ion:146 Resp: 494673

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 49.8 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

600000

500000

400000

300000

200000

100000

0

7.01

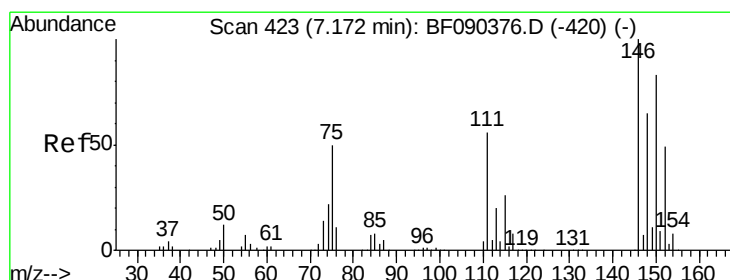
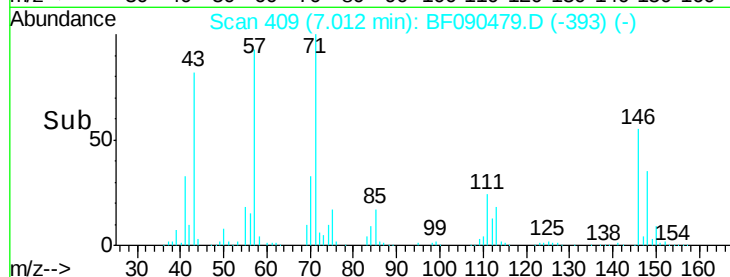
6.95

7.00

7.05

7.10

Time-->



#14

1,2-Dichlorobenzene

Concen: 29.45 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.16 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

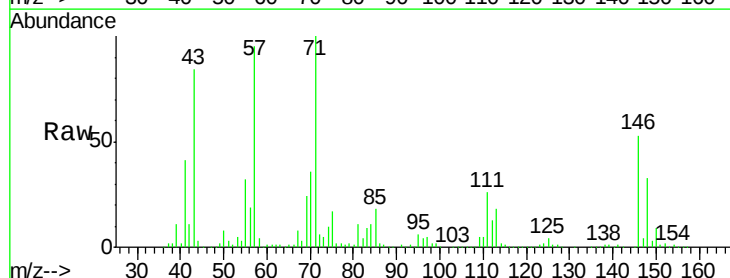
Tgt Ion:146 Resp: 465344

Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

111 49.8 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

600000

500000

400000

300000

200000

100000

0

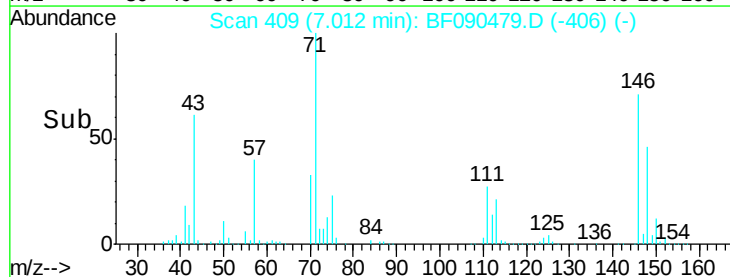
7.01

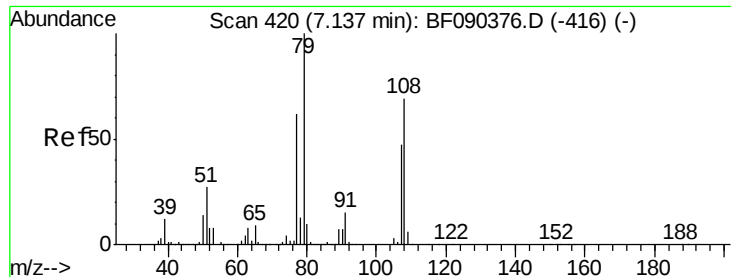
7.00

7.05

7.10

Time-->





#15

Benzyl Alcohol

Concen: 36.67 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

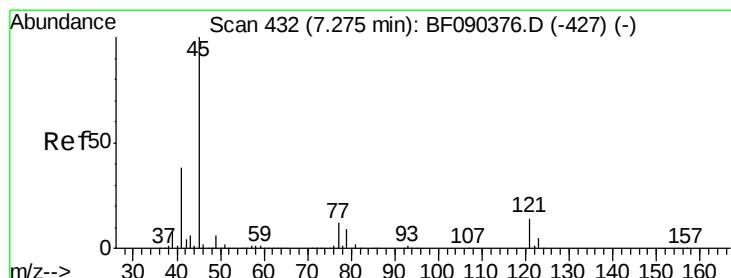
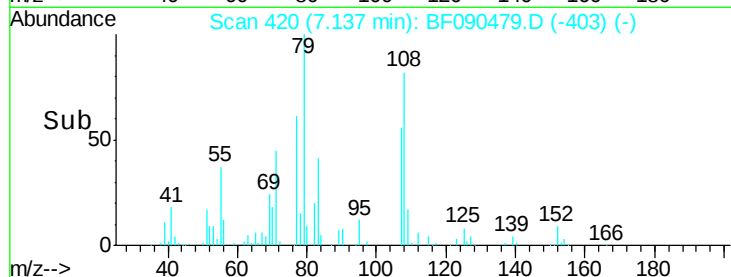
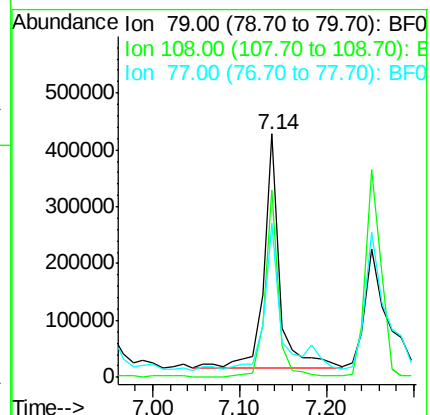
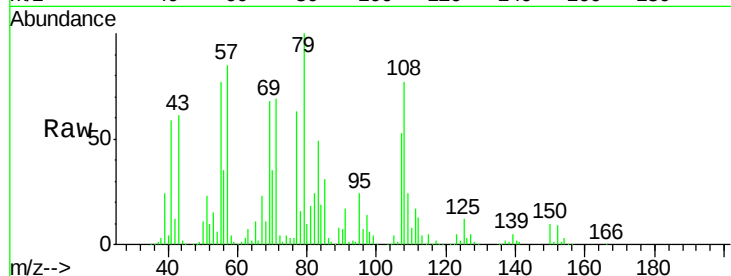
Tgt Ion: 79 Resp: 537367

Ion Ratio Lower Upper

79 100

108 76.8 60.9 91.3

77 63.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.41 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

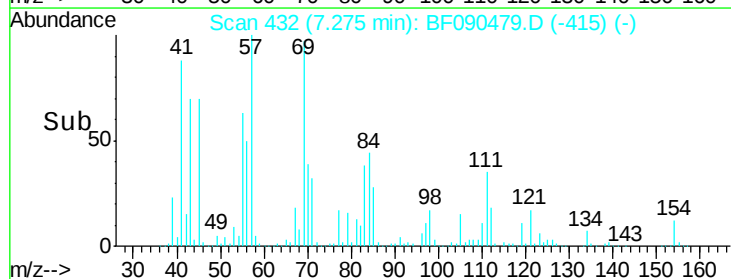
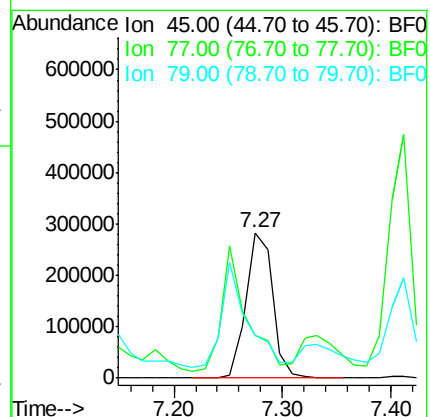
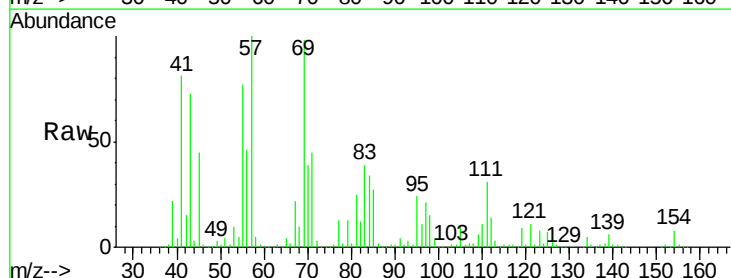
Tgt Ion: 45 Resp: 477500

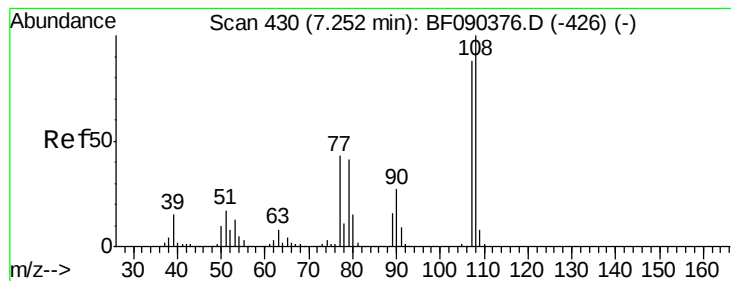
Ion Ratio Lower Upper

45 100

77 29.8 0.0 30.8

79 29.2 0.0 28.2#

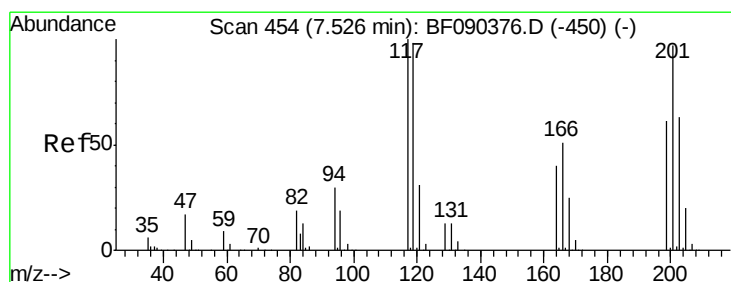
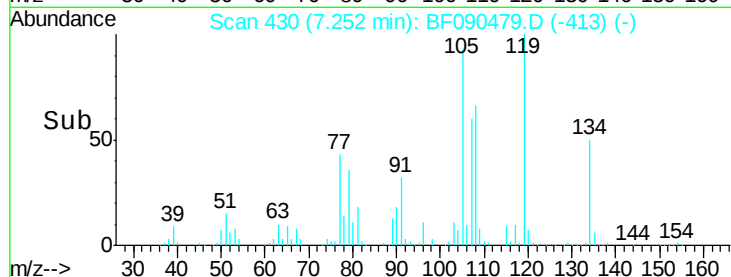
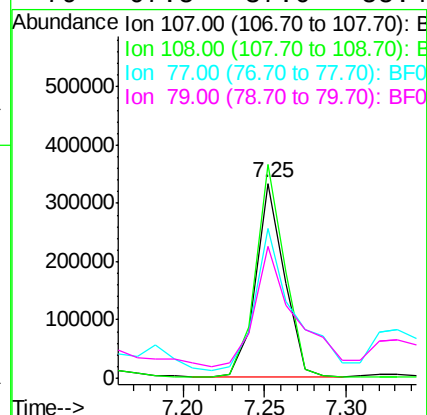
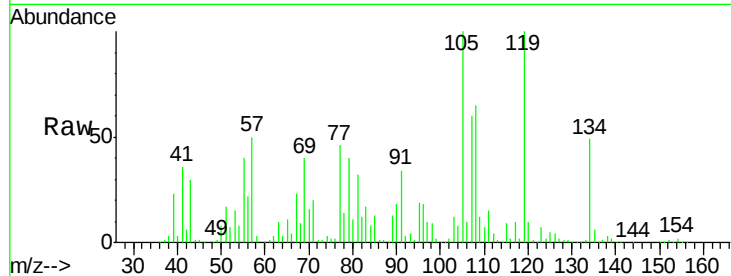




#17
2-Methylphenol
Concen: 30.22 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

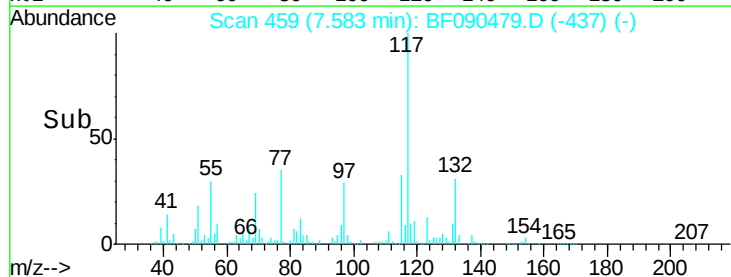
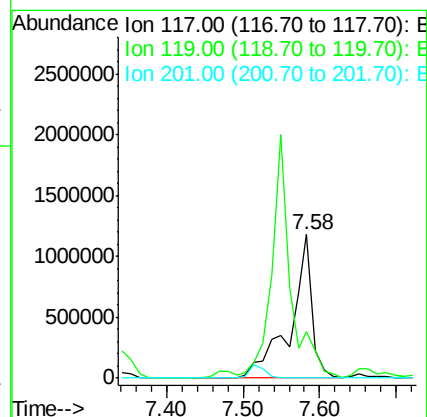
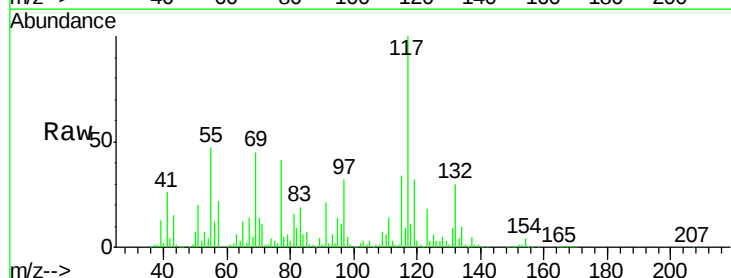
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

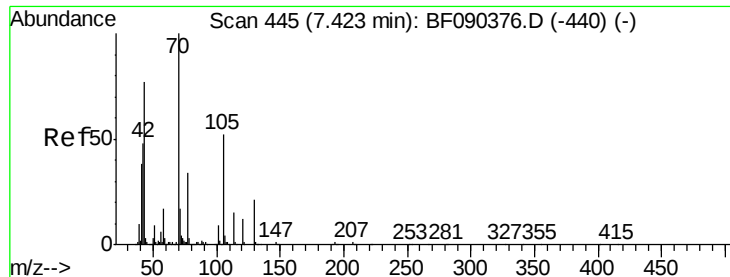
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.8	90.9	136.3
77	76.8	38.2	57.4#
79	67.5	37.0	55.4#



#18
Hexachloroethane
Concen: 361.98 ng
RT: 7.58 min Scan# 459
Delta R.T. 0.06 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	32.2	75.9	113.9#
201	0.0	66.5	99.7#

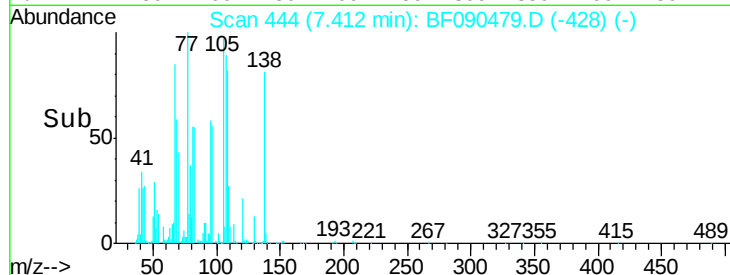
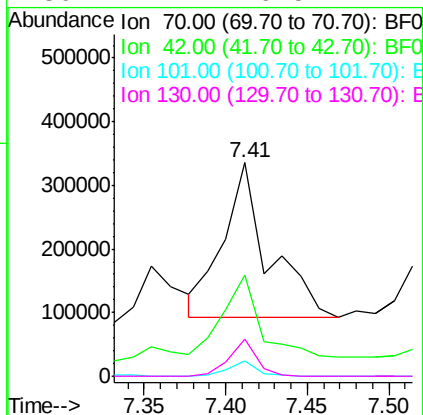
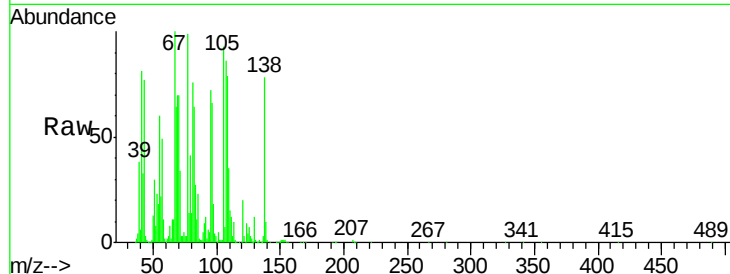




#19
n-Nitroso-di-n-propylamine
Concen: 32.82 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

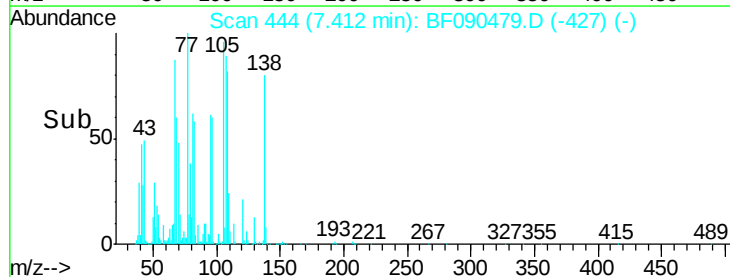
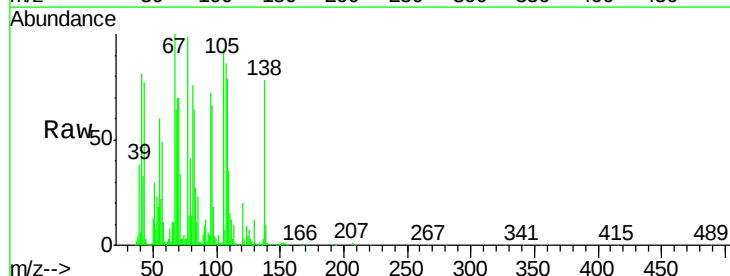
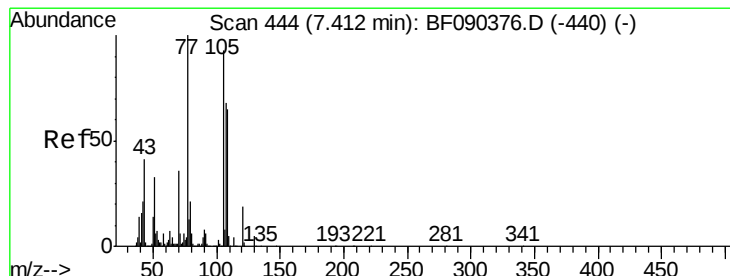
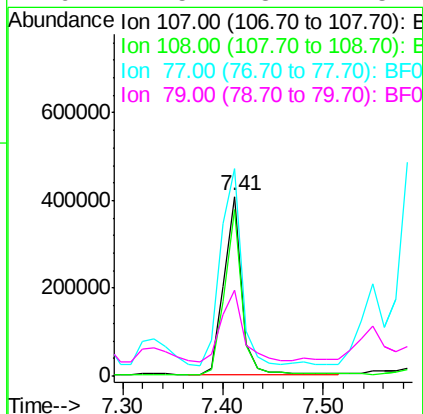
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

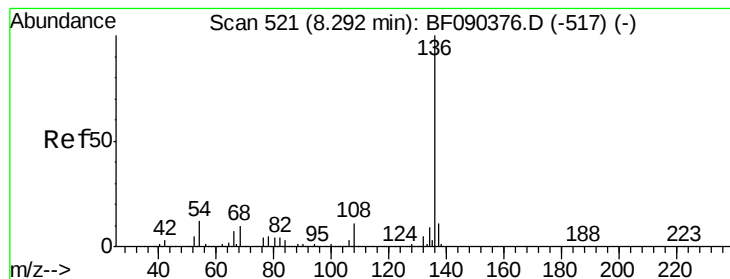
Tgt Ion: 70 Resp: 463940
Ion Ratio Lower Upper
70 100
42 47.3 55.4 83.2#
101 7.4 7.6 11.4#
130 17.2 16.5 24.7



#20
3+4-Methylphenols
Concen: 28.61 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion: 107 Resp: 493211
Ion Ratio Lower Upper
107 100
108 92.4 66.7 106.7
77 115.7 53.7 93.7#
79 47.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

Tgt Ion:136 Resp: 560380

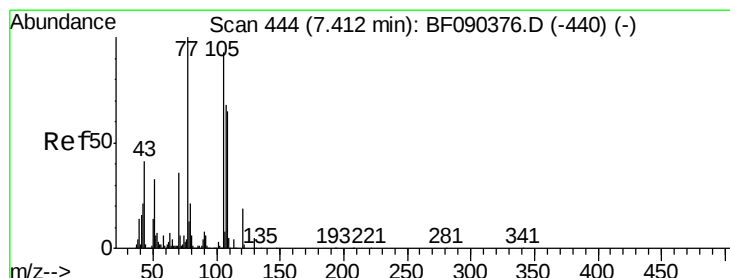
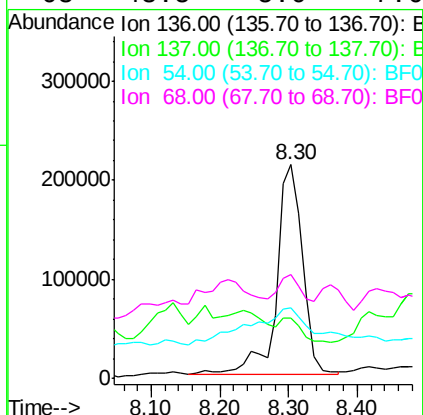
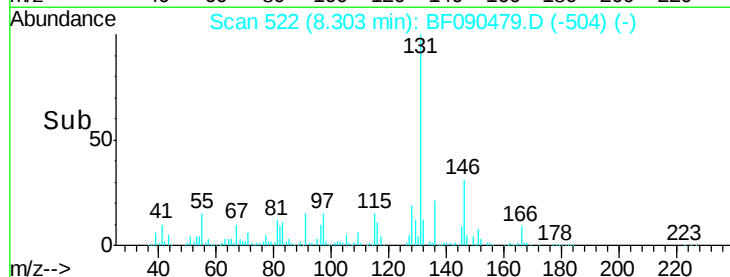
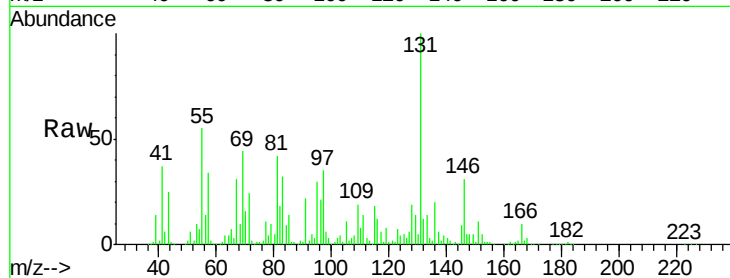
Ion Ratio Lower Upper

136 100

137 28.3 9.0 13.6#

54 32.8 6.6 10.0#

68 48.5 5.0 7.6#



#22

Acetophenone

Concen: 47.50 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Tgt Ion:105 Resp: 630483

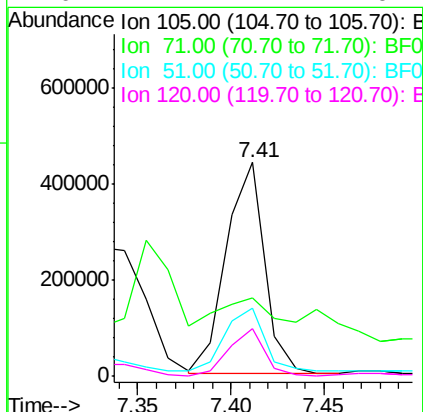
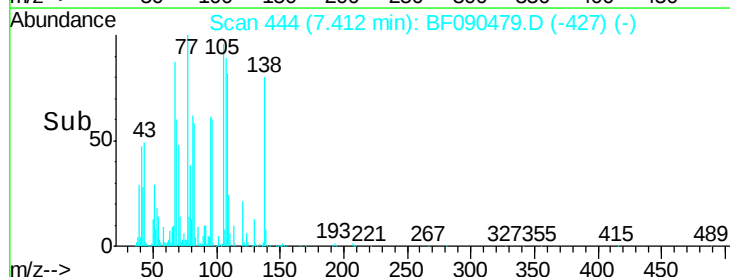
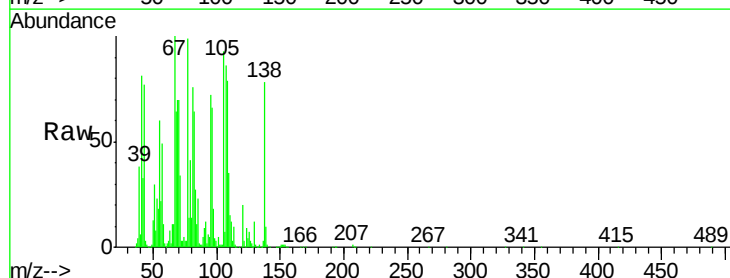
Ion Ratio Lower Upper

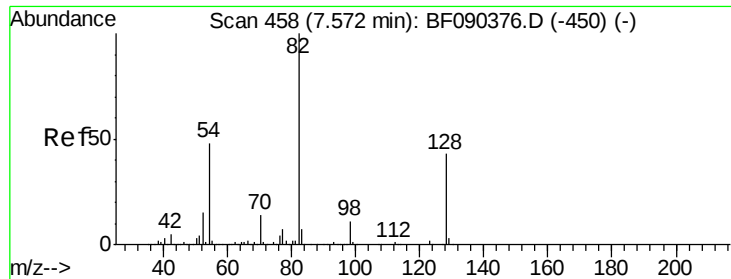
105 100

71 36.7 3.8 5.6#

51 31.8 28.2 42.4

120 22.1 17.4 26.2

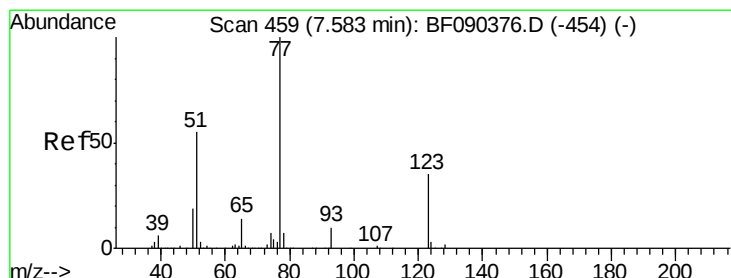
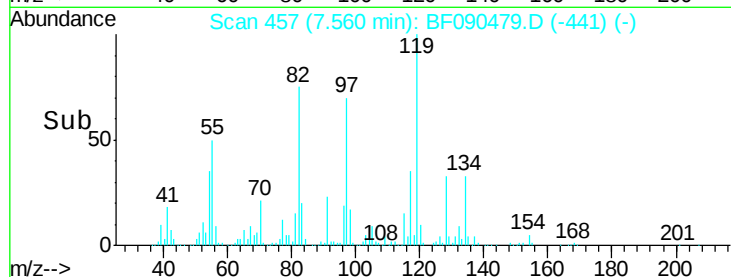
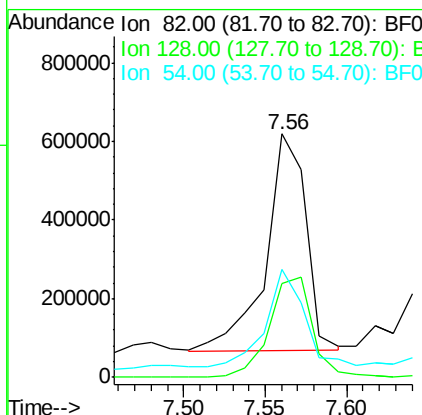
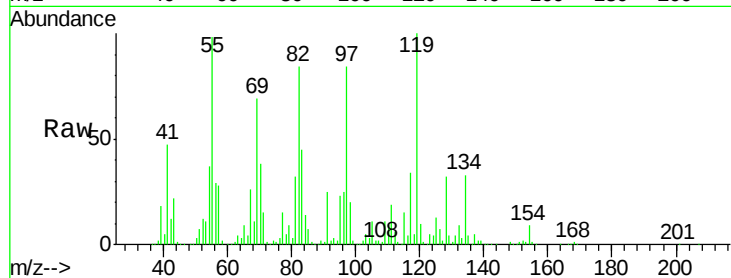




#23
 Nitrobenzene-d5
 Concen: 82.70 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

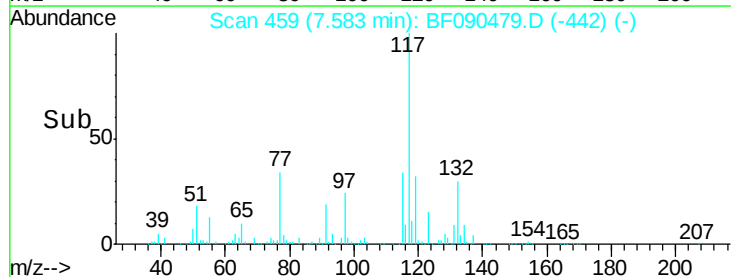
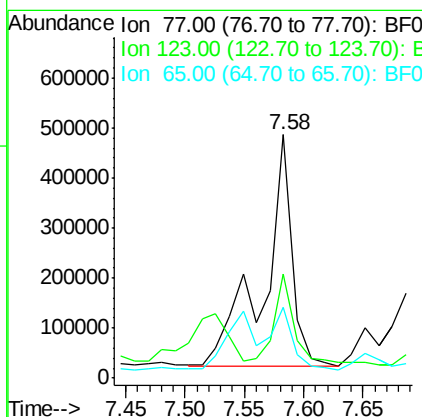
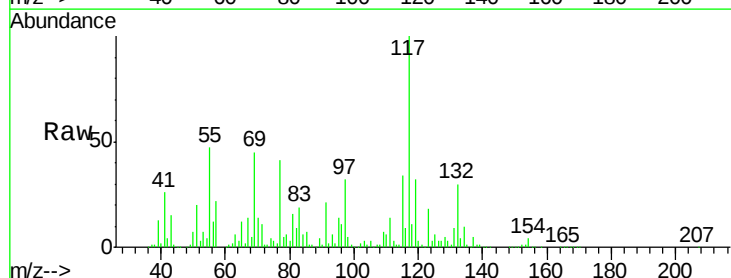
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

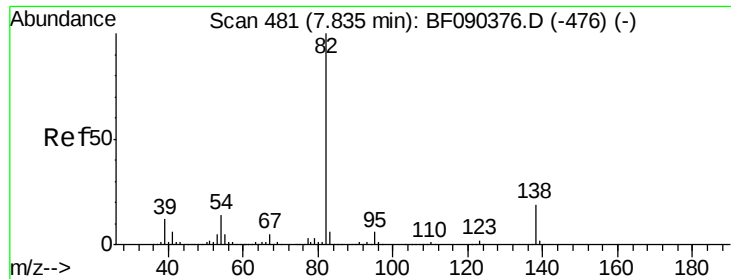
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.0	60.0#
54	44.1	42.6	64.0



#24
 Nitrobenzene
 Concen: 67.82 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	33.0	49.4
65	29.3	12.0	18.0#





#25

Isophorone

Concen: 55.26 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

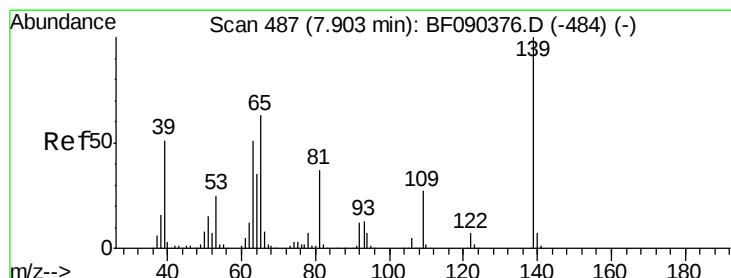
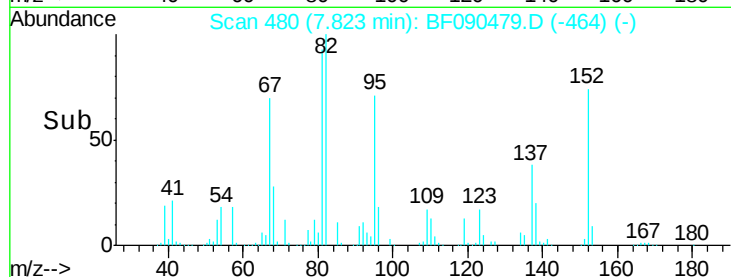
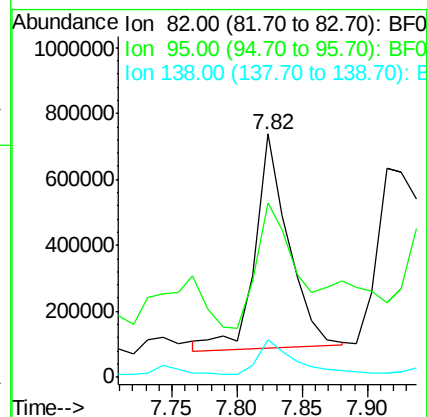
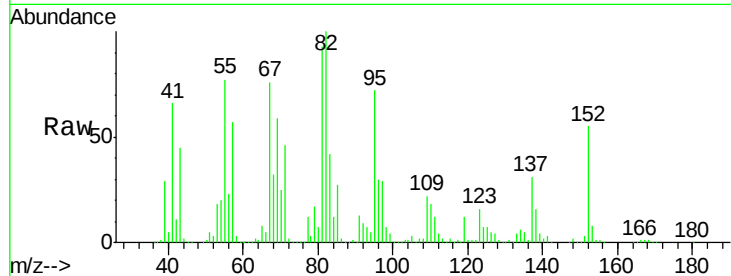
Tgt Ion: 82 Resp: 1163893

Ion Ratio Lower Upper

82 100

95 71.8 5.2 7.8#

138 15.7 13.0 19.4



#26

2-Nitrophenol

Concen: 29.74 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

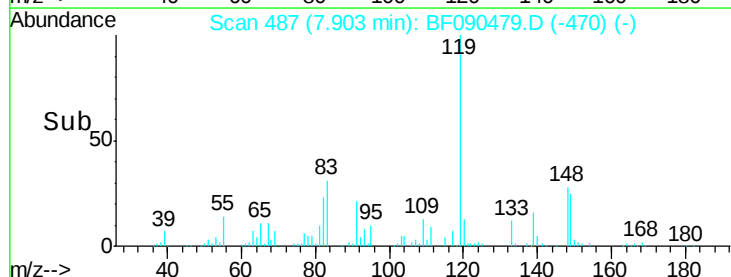
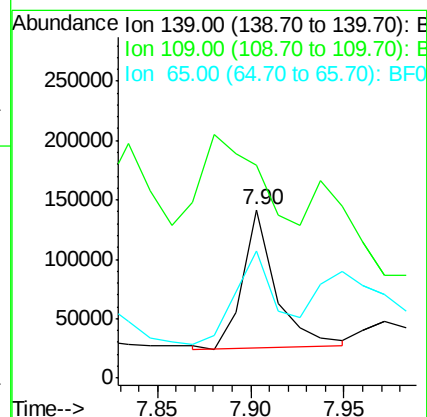
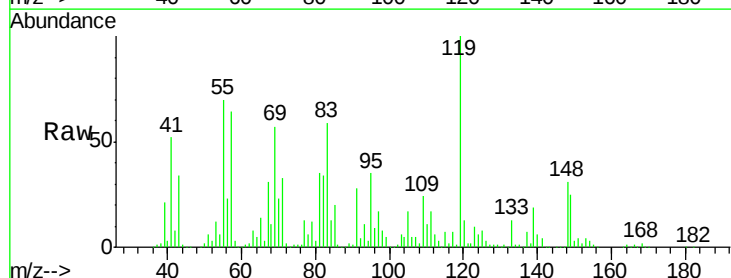
Tgt Ion: 139 Resp: 146385

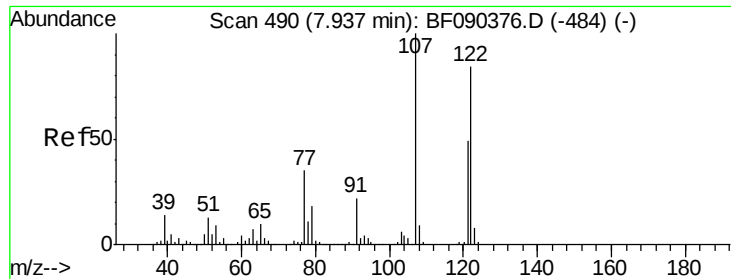
Ion Ratio Lower Upper

139 100

109 126.5 18.9 28.3#

65 75.8 31.6 47.4#

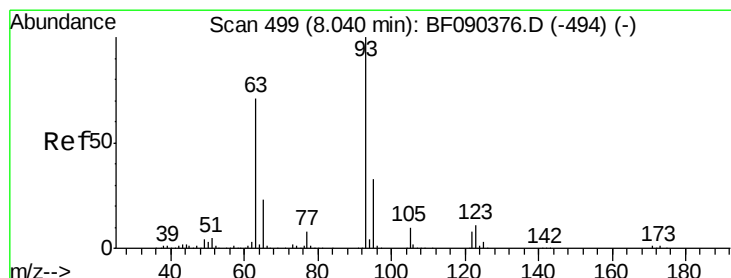
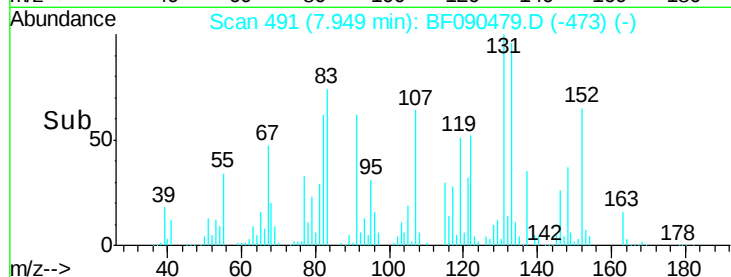
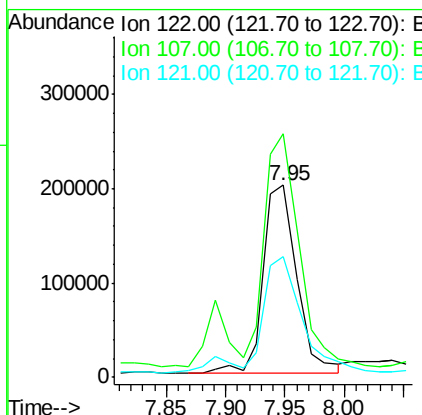
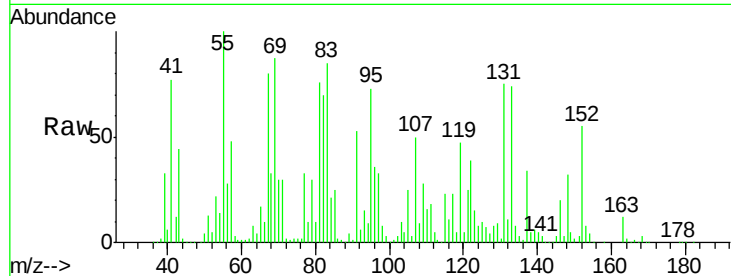




#27
 2,4-Dimethylphenol
 Concen: 41.28 ng
 RT: 7.95 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

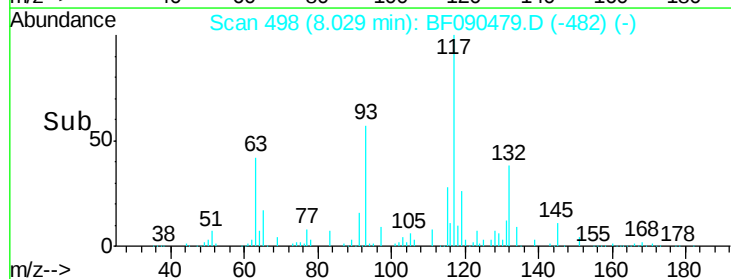
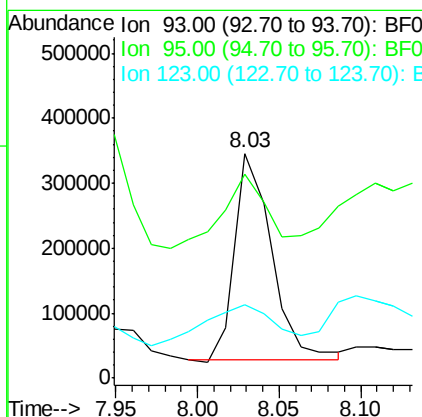
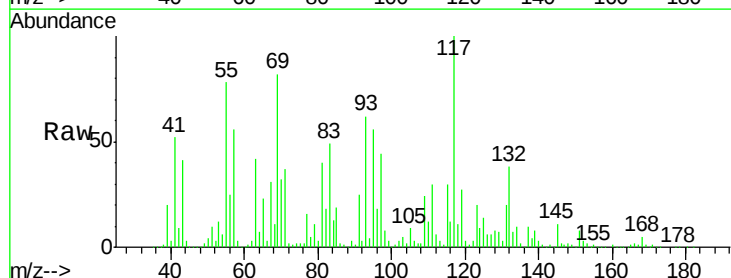
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

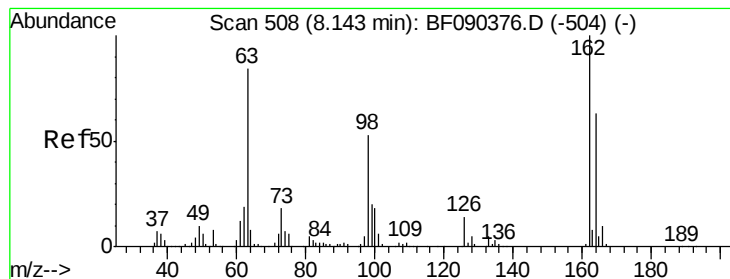
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.9	88.6	132.8
121	62.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.27 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	91.0	27.0	40.4#
123	32.6	11.1	16.7#





#29

2,4-Dichlorophenol

Concen: 61.19 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

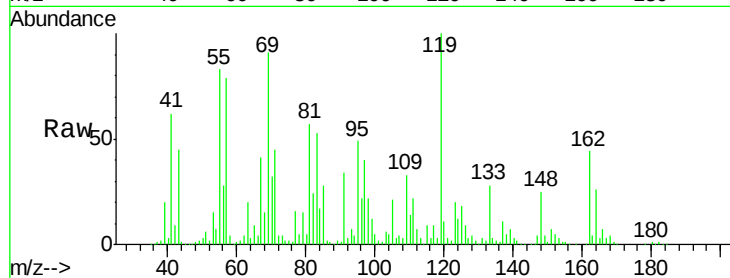
Tgt Ion:162 Resp: 445394

Ion Ratio Lower Upper

162 100

164 59.7 45.7 85.7

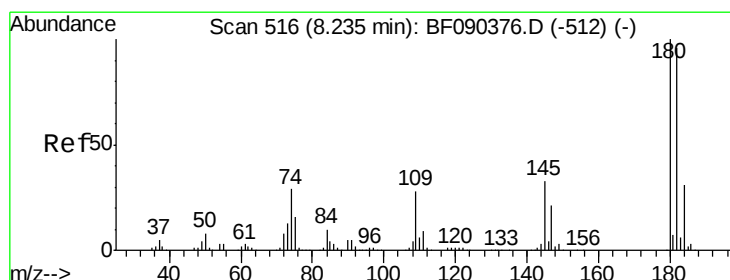
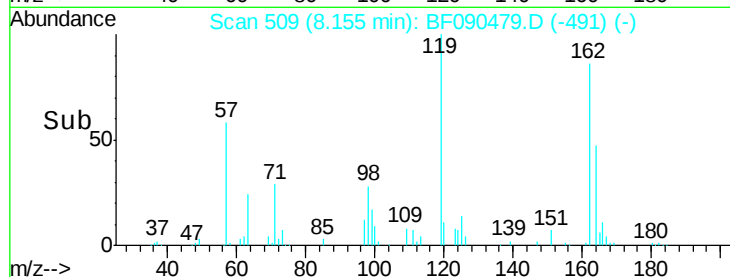
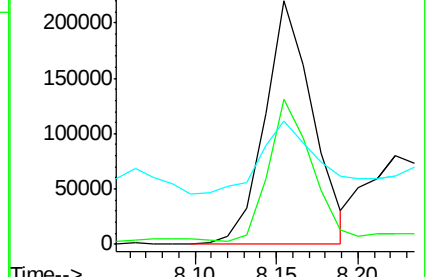
98 50.5 13.3 53.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 53.49 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

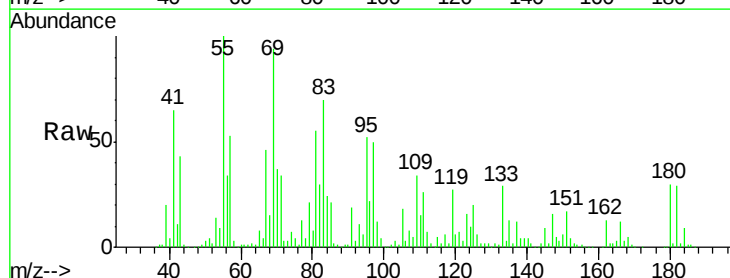
Tgt Ion:180 Resp: 401251

Ion Ratio Lower Upper

180 100

182 96.7 75.3 112.9

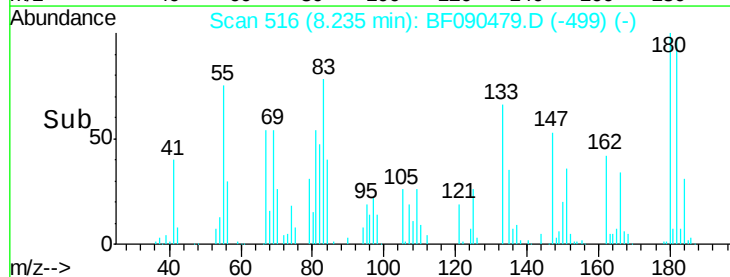
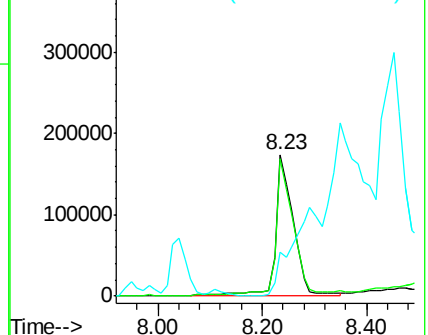
145 30.8 27.7 41.5

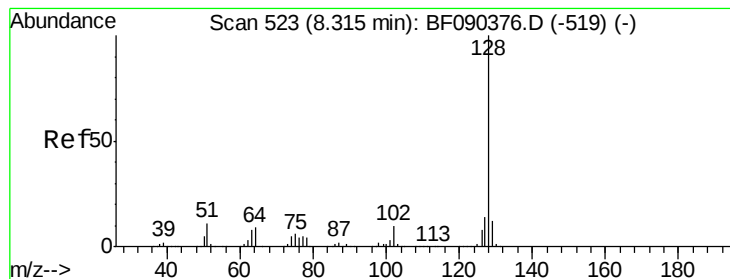


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 64.84 ng

RT: 8.33 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

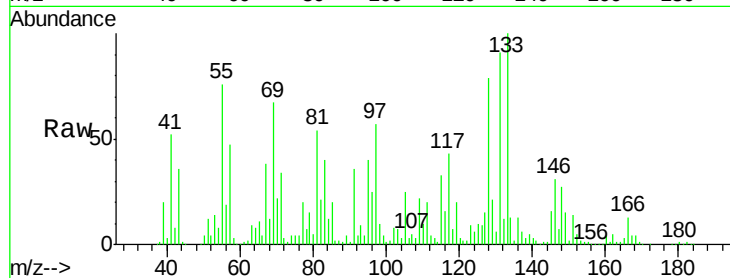
Tgt Ion:128 Resp: 1752962

Ion Ratio Lower Upper

128 100

129 26.3 9.7 14.5#

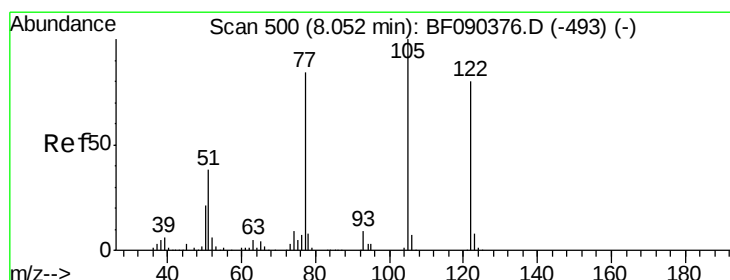
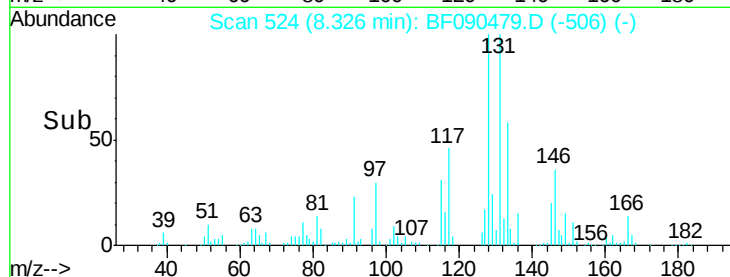
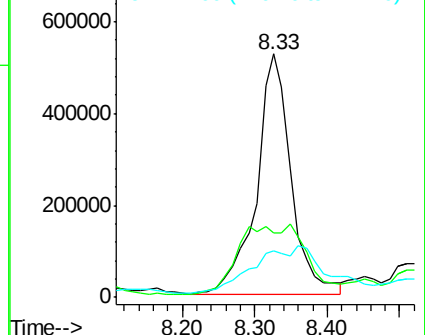
127 19.2 11.7 17.5#



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: 4.86 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

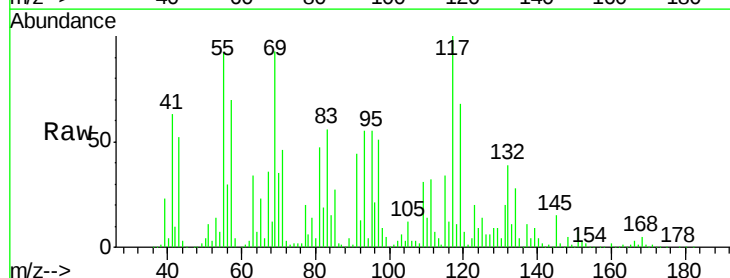
Tgt Ion:122 Resp: 32358

Ion Ratio Lower Upper

122 100

105 324.9 103.9 143.9#

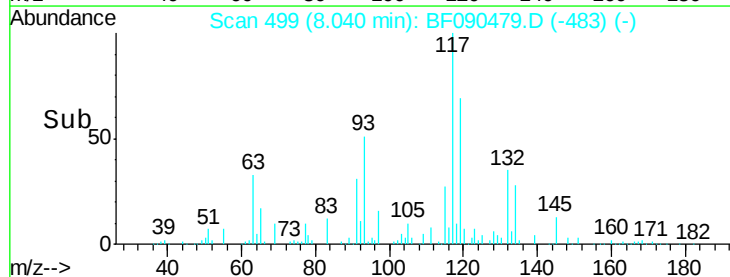
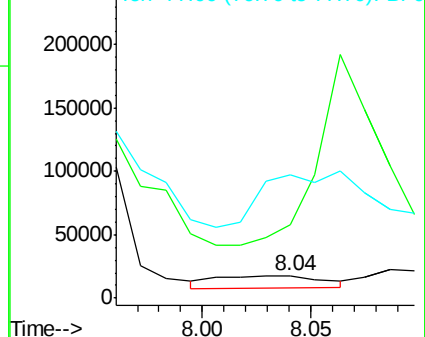
77 546.1 74.6 114.6#

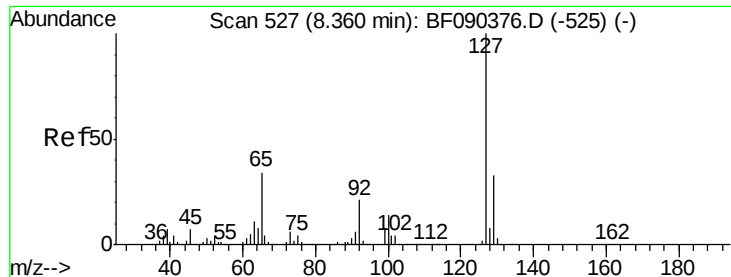


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

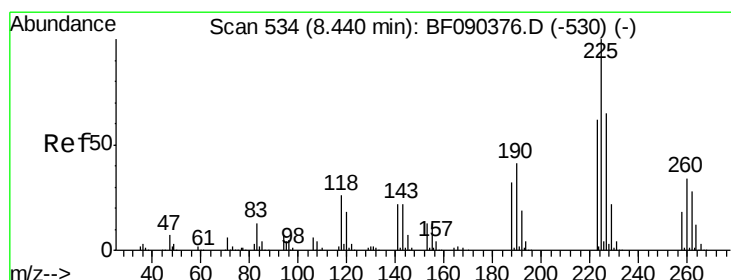
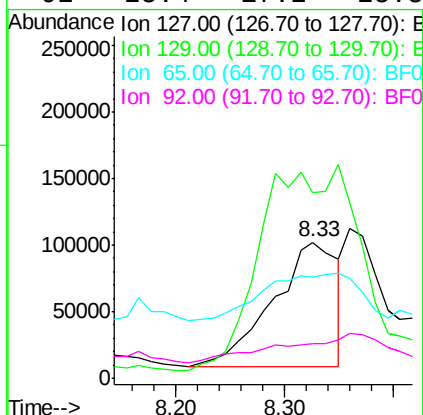
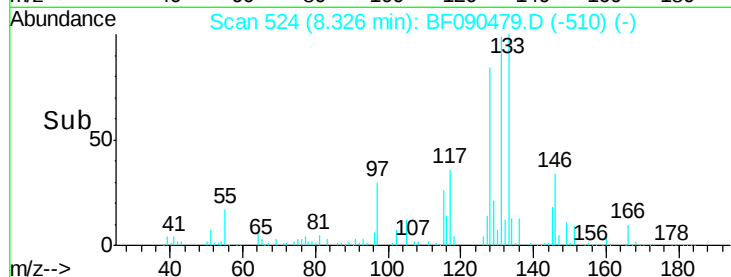
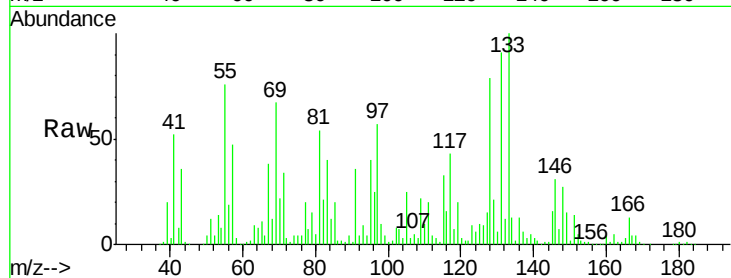




#33
4-Chloroaniline
Concen: 34.63 ng
RT: 8.33 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

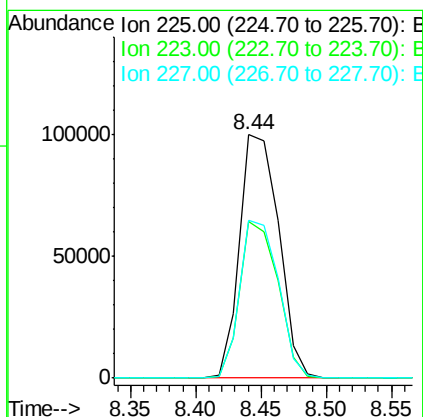
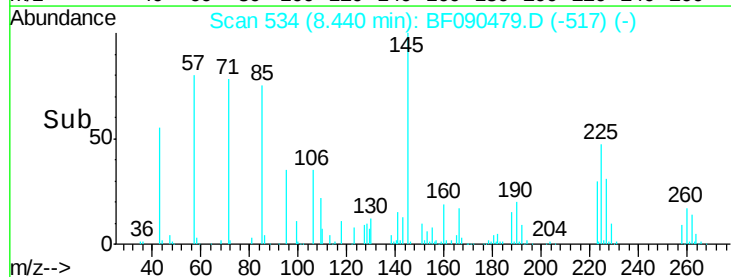
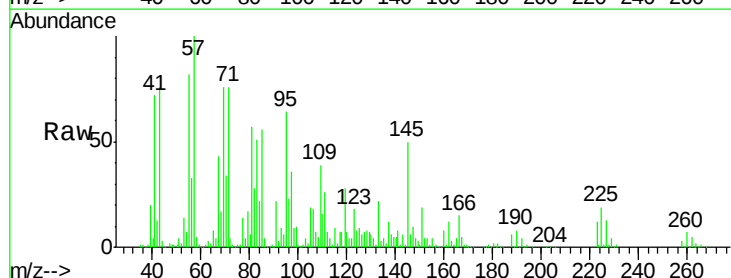
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

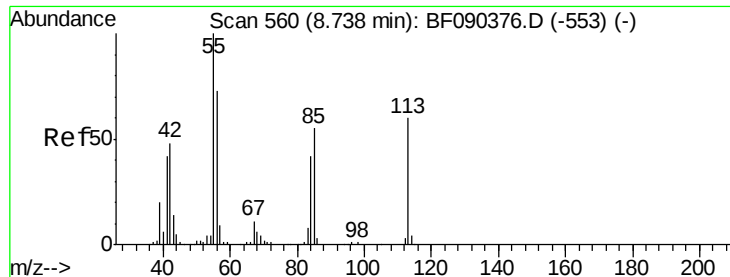
Tgt Ion:	127	Resp:	386994
Ion	Ratio	Lower	Upper
127	100		
129	136.5	26.2	39.4#
65	74.3	32.5	48.7#
92	25.4	17.2	25.8



#34
Hexachlorobutadiene
Concen: 49.92 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion:	225	Resp:	209220
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	65.0	50.8	76.2

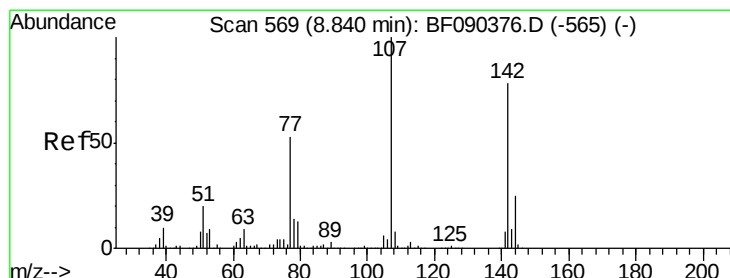
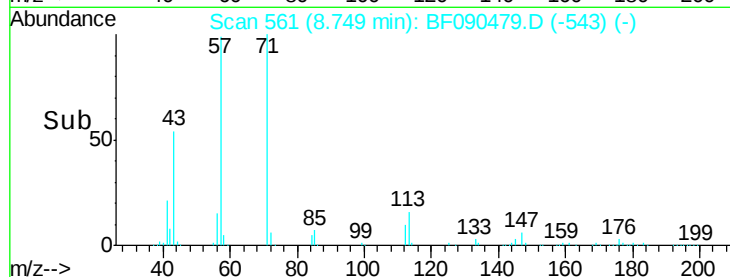
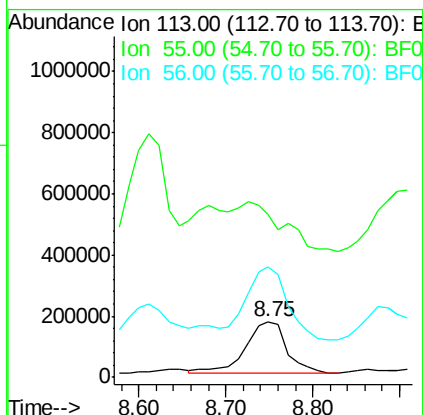
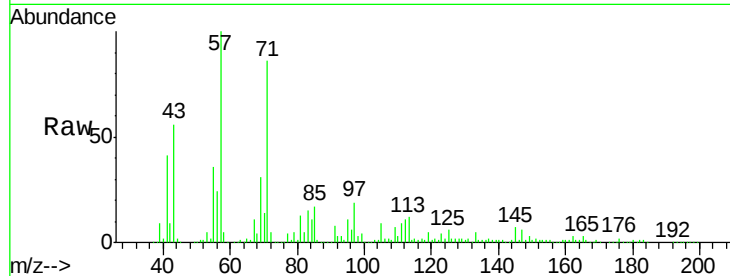




#35
 Caprolactam
 Concen: 227.04 ng
 RT: 8.75 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

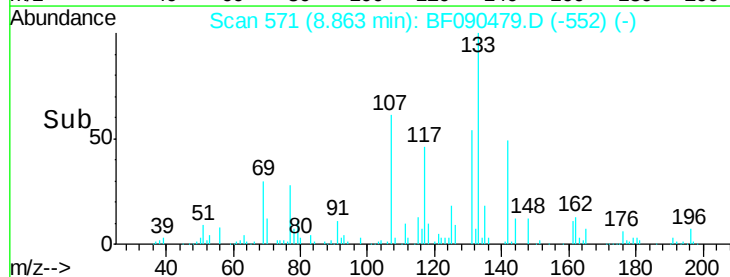
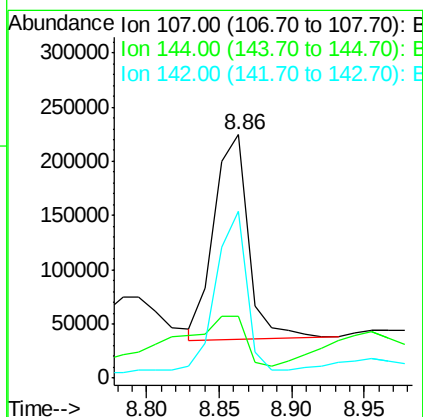
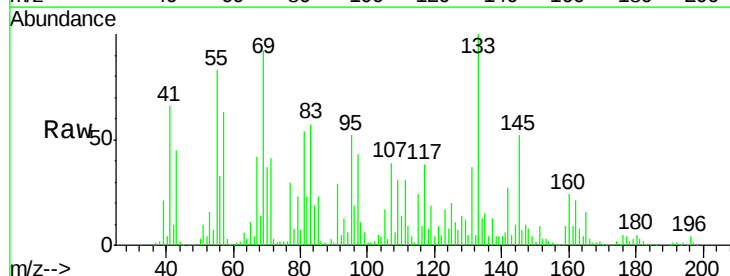
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

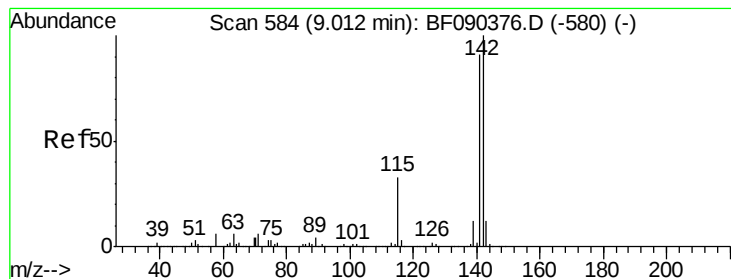
Tgt Ion:113 Resp: 555602
 Ion Ratio Lower Upper
 113 100
 55 290.0 203.3 243.3#
 56 196.3 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 34.23 ng
 RT: 8.86 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:107 Resp: 311969
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.8
 142 68.7 60.7 91.1

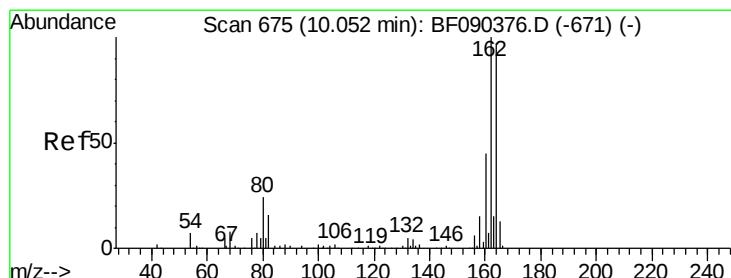
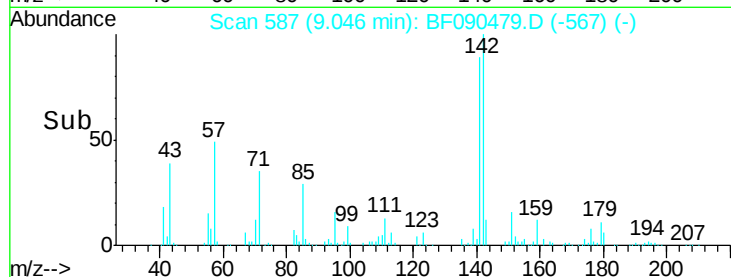
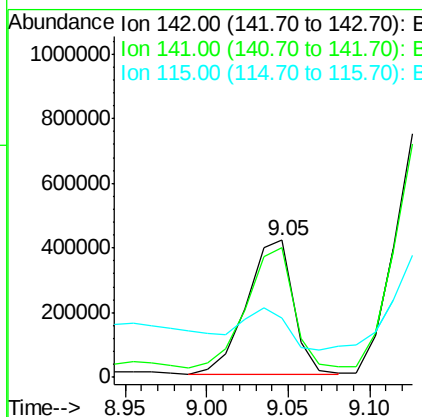
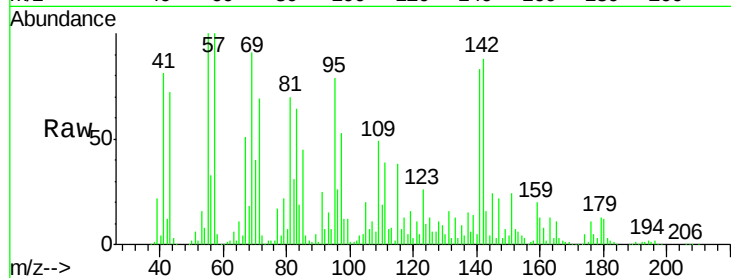




#37
 2-Methylnaphthalene
 Concen: 49.78 ng
 RT: 9.05 min Scan# 587
 Delta R.T. 0.03 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

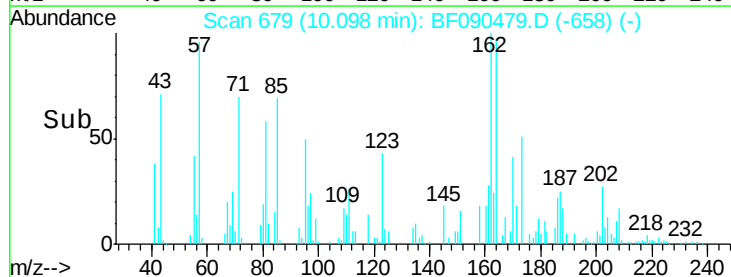
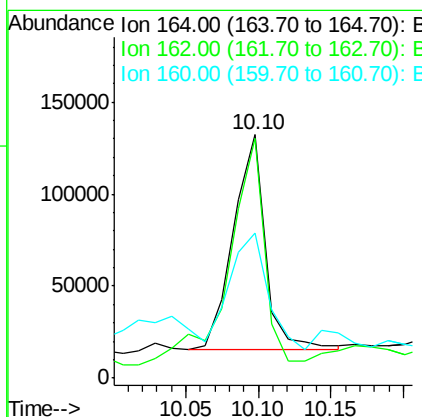
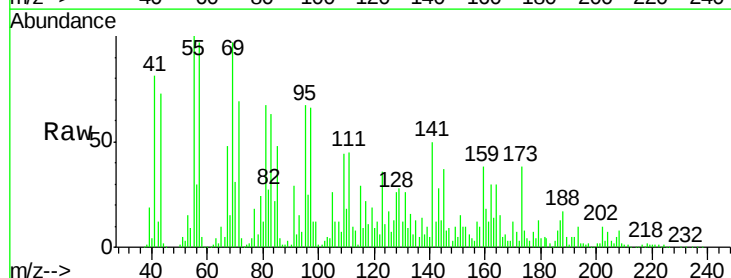
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

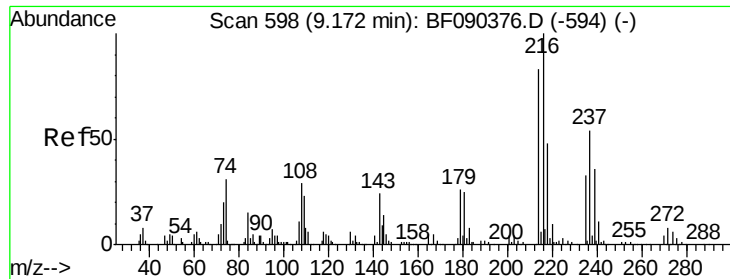
Tgt Ion:142 Resp: 814691
 Ion Ratio Lower Upper
 142 100
 141 94.0 71.8 107.8
 115 43.0 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.10 min Scan# 679
 Delta R.T. 0.05 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:164 Resp: 180018
 Ion Ratio Lower Upper
 164 100
 162 98.3 80.1 120.1
 160 59.7 36.3 54.5#

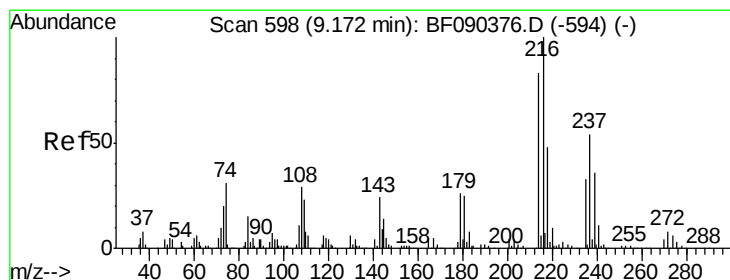
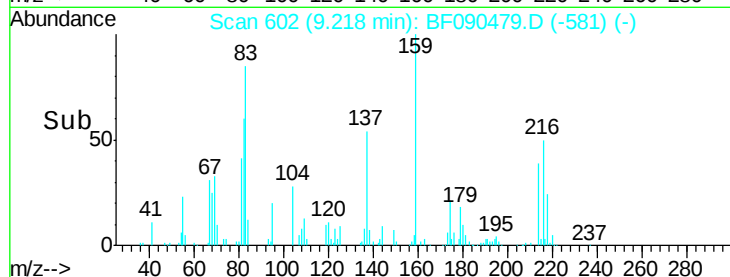
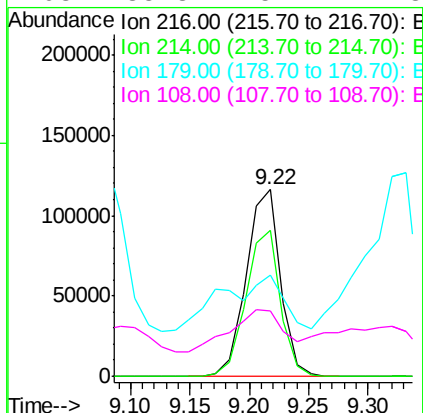
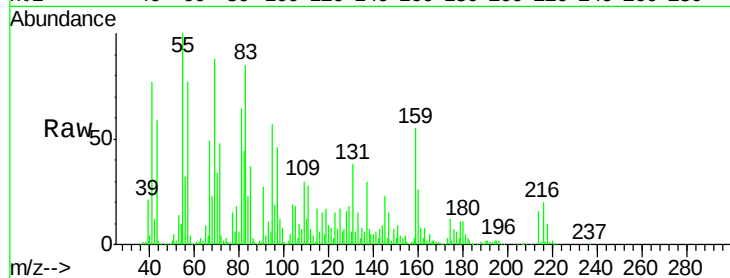




#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.07 ng
RT: 9.22 min Scan# 602
Delta R.T. 0.05 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

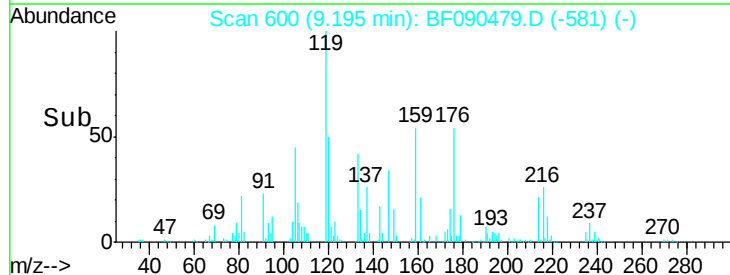
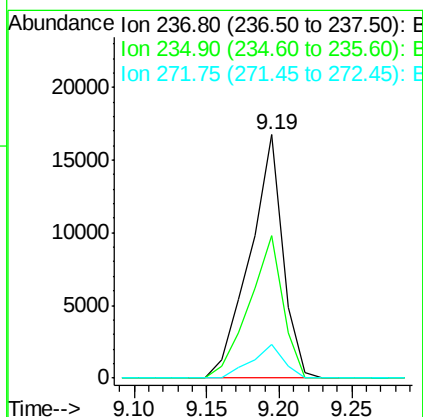
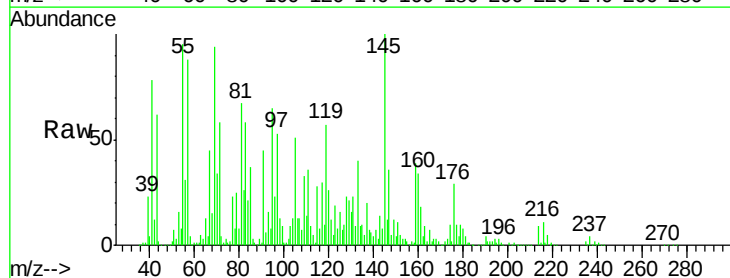
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

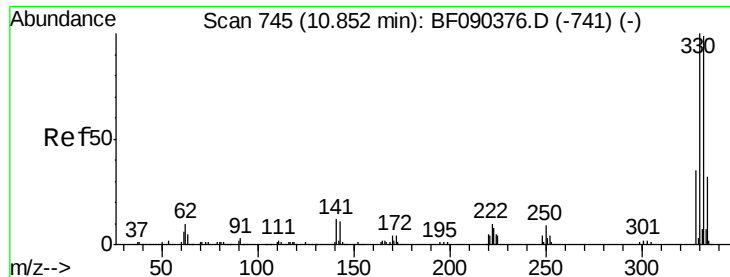
Tgt Ion:216 Resp: 232891
Ion Ratio Lower Upper
216 100
214 78.5 64.2 96.2
179 75.8 18.0 27.0#
108 35.3 15.2 22.8#



#40
Hexachlorocyclopentadiene
Concen: 10.15 ng
RT: 9.19 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion:237 Resp: 26412
Ion Ratio Lower Upper
237 100
235 58.3 43.6 83.6
272 13.9 0.0 32.7

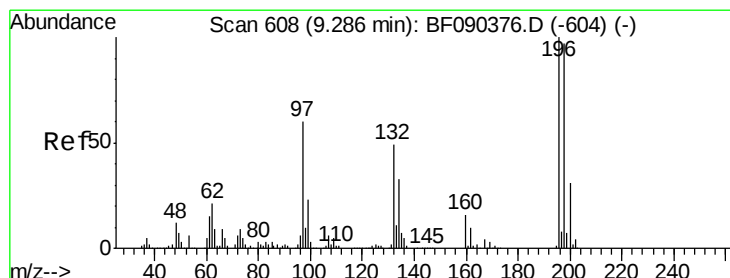
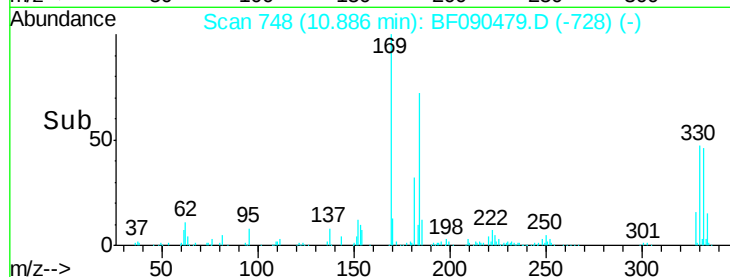
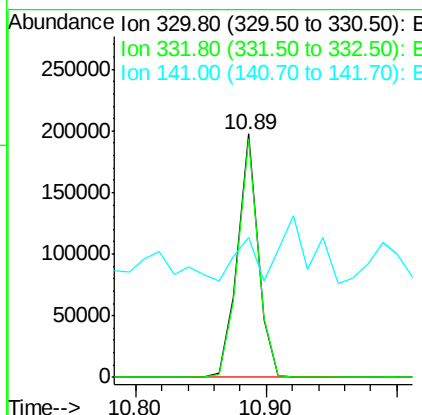
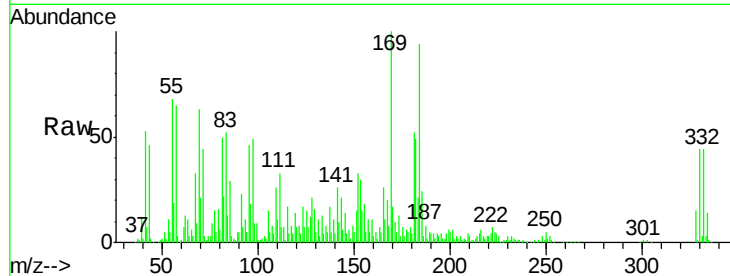




#41
 2,4,6-Tribromophenol
 Concen: 147.63 ng
 RT: 10.89 min Scan# 748
 Delta R.T. 0.03 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

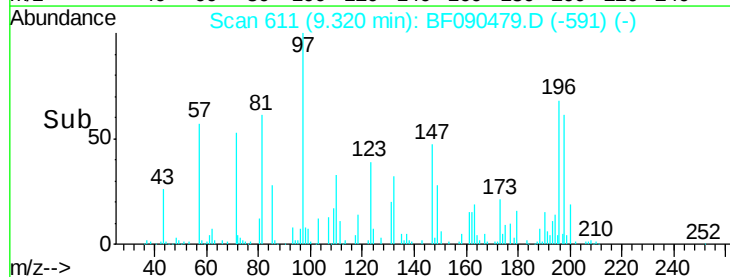
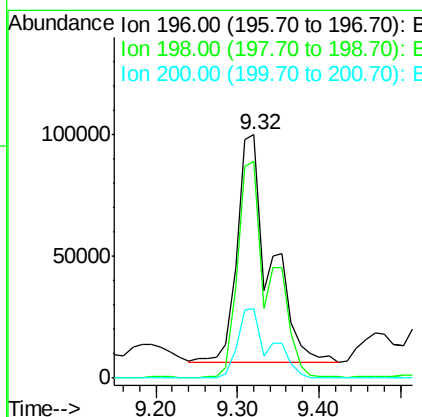
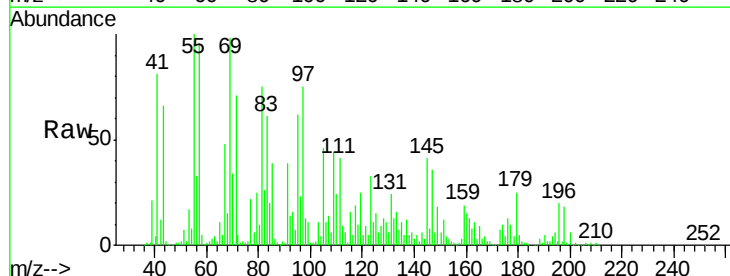
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

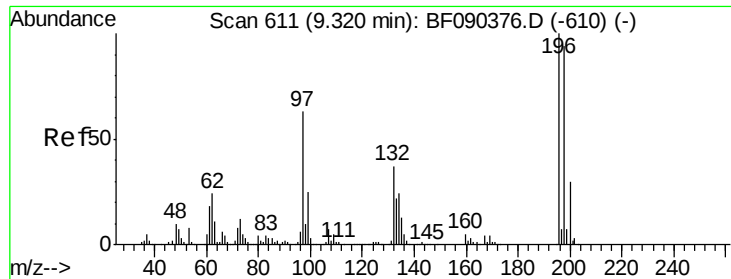
Tgt Ion:330 Resp: 216093
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.0
 141 26.7 26.9 40.3#



#42
 2,4,6-Trichlorophenol
 Concen: 80.20 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.03 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:196 Resp: 262643
 Ion Ratio Lower Upper
 196 100
 198 89.1 78.9 118.3
 200 28.5 25.4 38.2

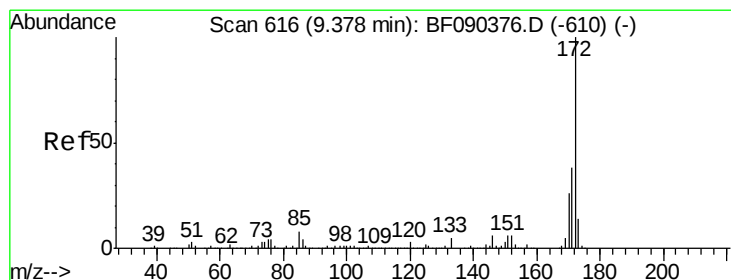
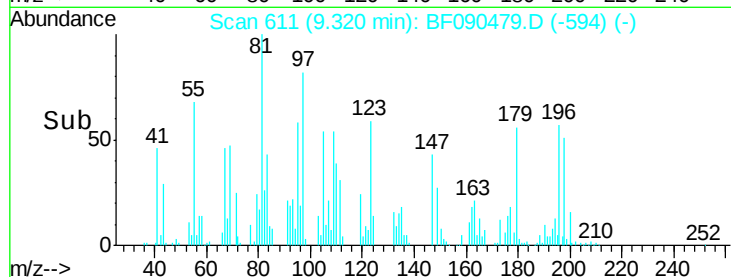
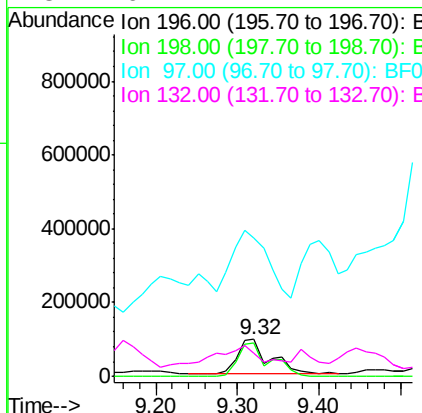
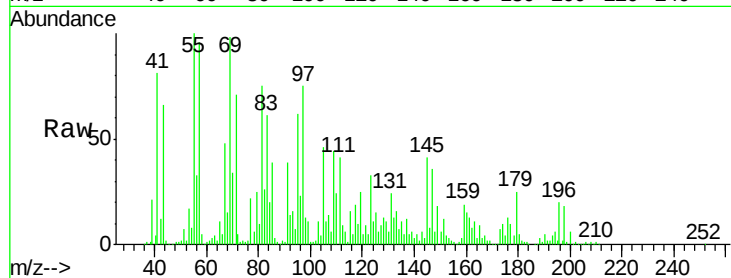




#43
 2,4,5-Trichlorophenol
 Concen: 84.81 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

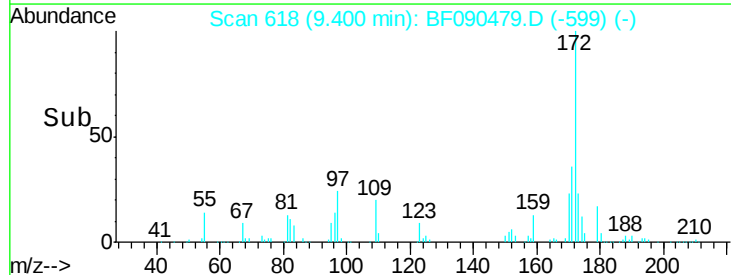
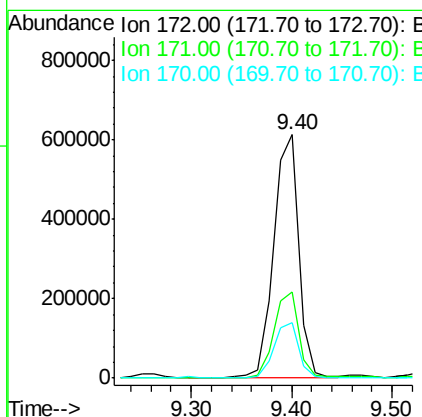
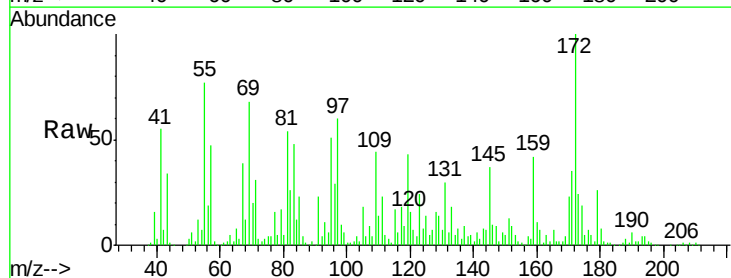
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

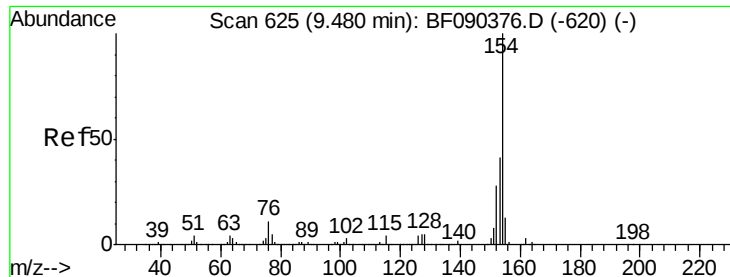
Tgt Ion:196 Resp: 262643
 Ion Ratio Lower Upper
 196 100
 198 89.1 78.1 117.1
 97 376.7 48.1 72.1#
 132 64.2 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 97.57 ng
 RT: 9.40 min Scan# 618
 Delta R.T. 0.02 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:172 Resp: 1054219
 Ion Ratio Lower Upper
 172 100
 171 35.5 31.8 47.8
 170 22.7 21.7 32.5





#45

1,1'-Biphenyl

Concen: 36.98 ng

RT: 9.50 min Scan# 627

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

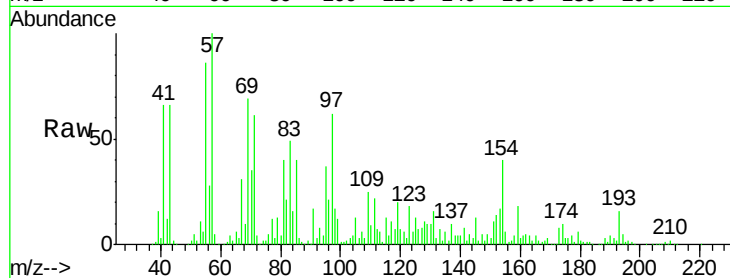
Tgt Ion:154 Resp: 493351

Ion Ratio Lower Upper

154 100

153 43.5 23.8 63.8

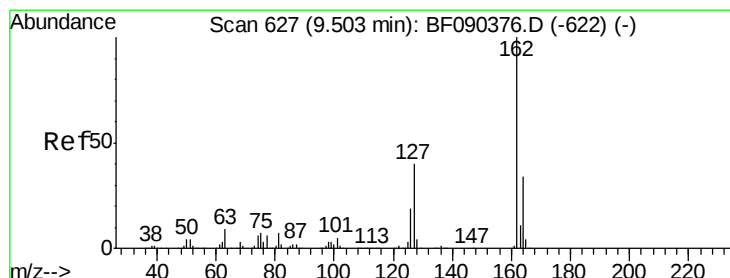
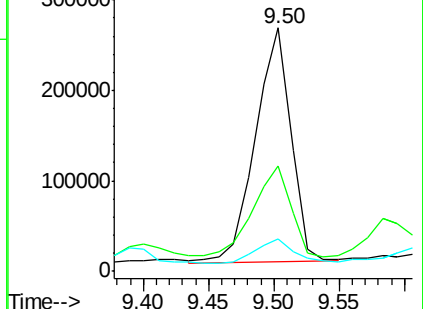
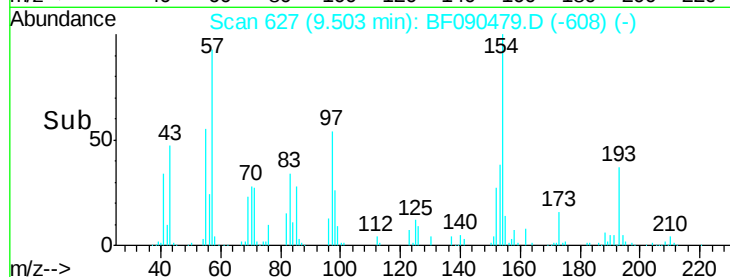
76 13.2 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.24 ng

RT: 9.53 min Scan# 629

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

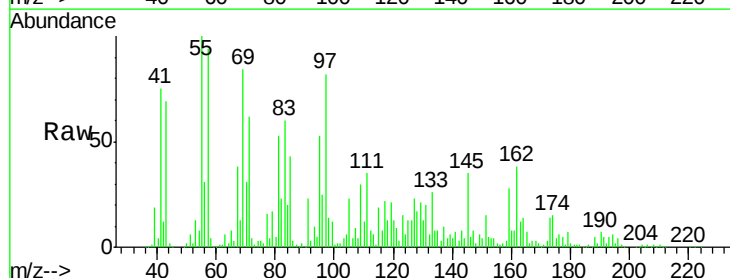
Tgt Ion:162 Resp: 396578

Ion Ratio Lower Upper

162 100

127 60.5 35.6 53.4#

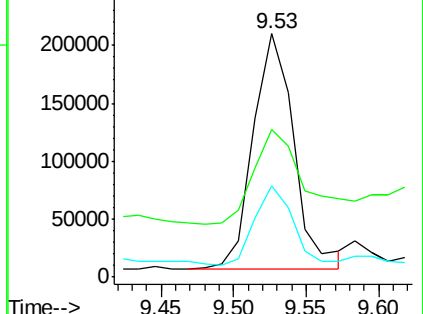
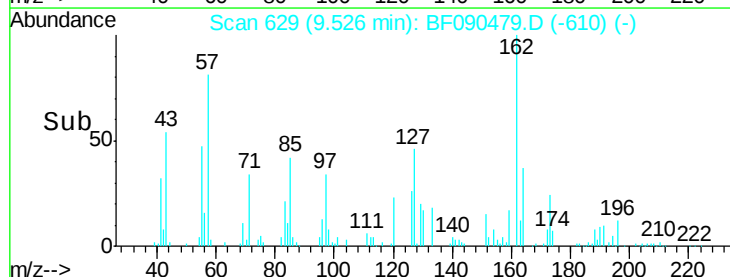
164 37.6 27.5 41.3

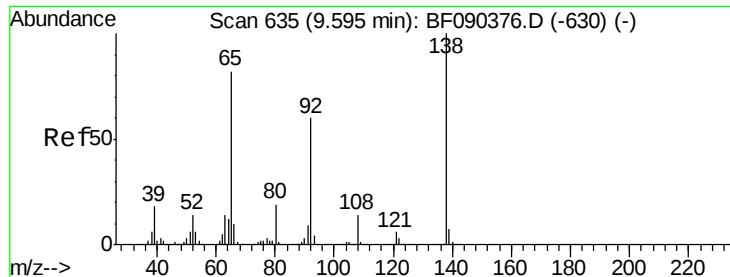


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

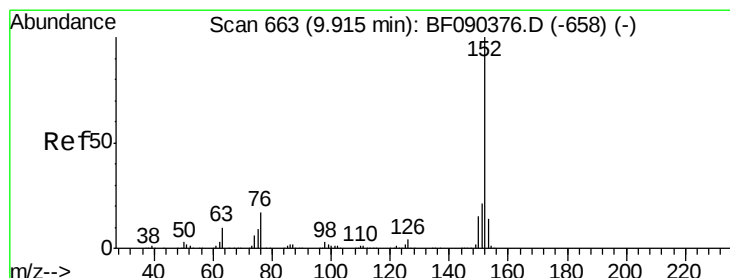
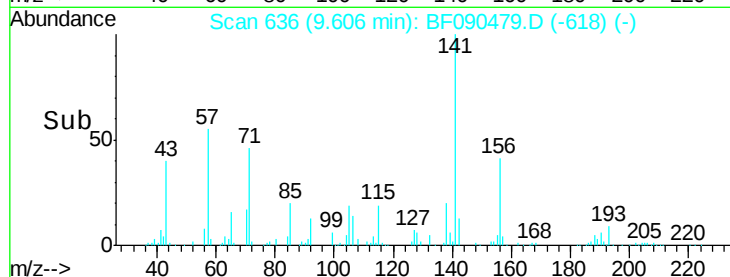
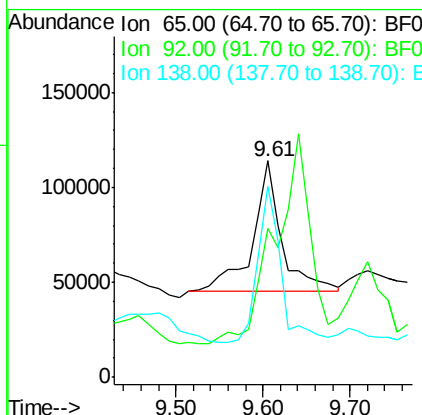
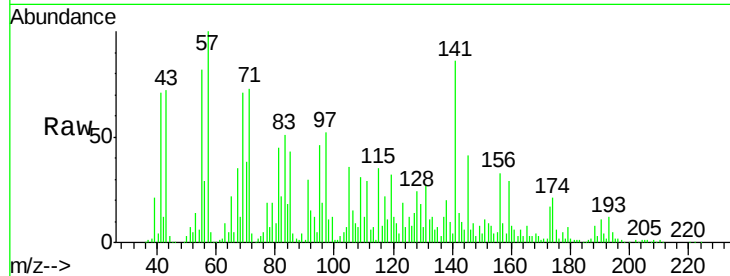




#47
 2-Nitroaniline
 Concen: 41.23 ng
 RT: 9.61 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

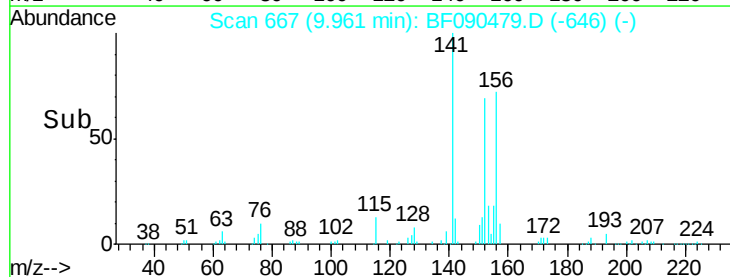
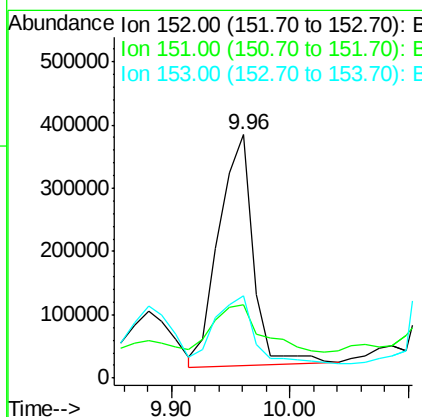
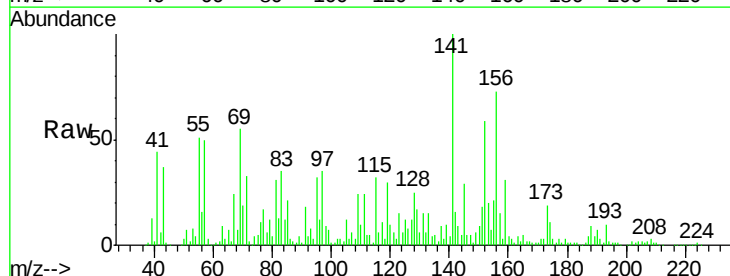
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

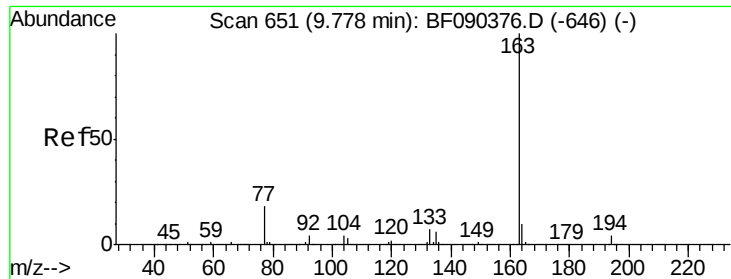
Tgt Ion:	65	Resp:	160356
Ion	Ratio	Lower	Upper
65	100		
92	69.0	51.7	77.5
138	88.5	79.0	118.4



#48
 Acenaphthylene
 Concen: 45.18 ng
 RT: 9.96 min Scan# 667
 Delta R.T. 0.05 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:	152	Resp:	734773
Ion	Ratio	Lower	Upper
152	100		
151	30.2	17.4	26.0#
153	33.6	11.6	17.4#





#49

Dimethylphthalate

Concen: 53.62 ng

RT: 9.79 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

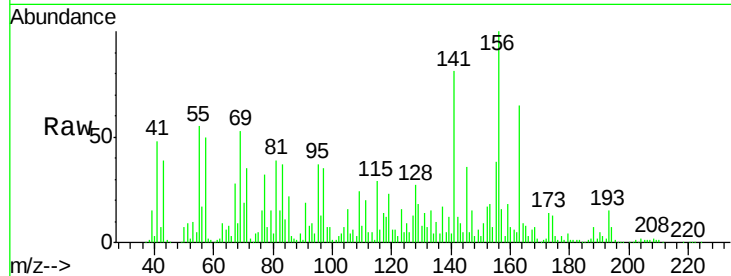
Tgt Ion:163 Resp: 618187

Ion Ratio Lower Upper

163 100

194 10.3 2.8 4.2#

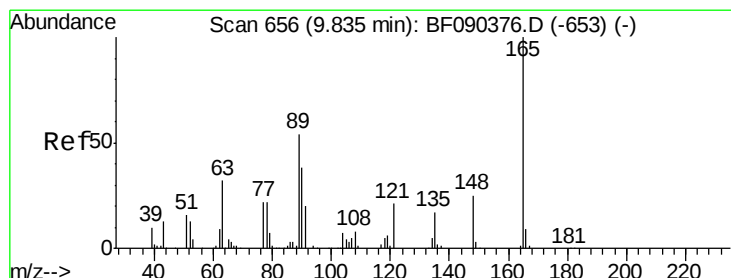
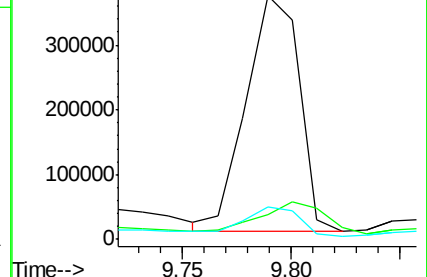
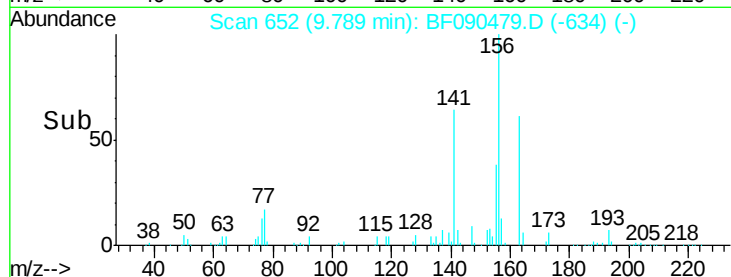
164 13.3 9.0 13.4



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: 61.48 ng

RT: 9.87 min Scan# 659

Delta R.T. 0.03 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

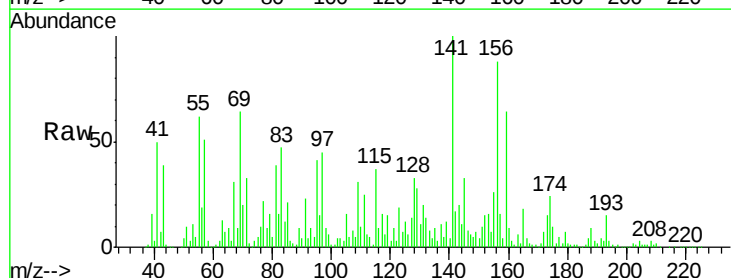
Tgt Ion:165 Resp: 157360

Ion Ratio Lower Upper

165 100

63 70.5 58.0 87.0

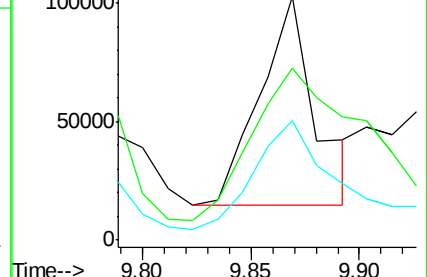
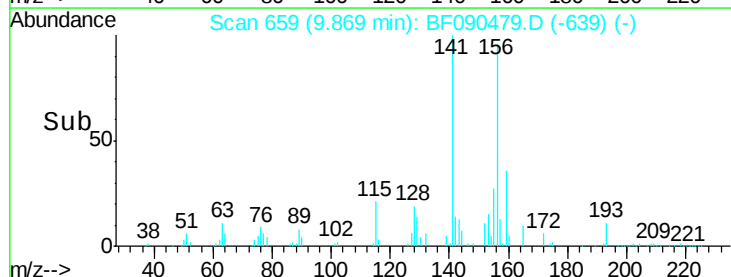
89 48.9 51.2 76.8#

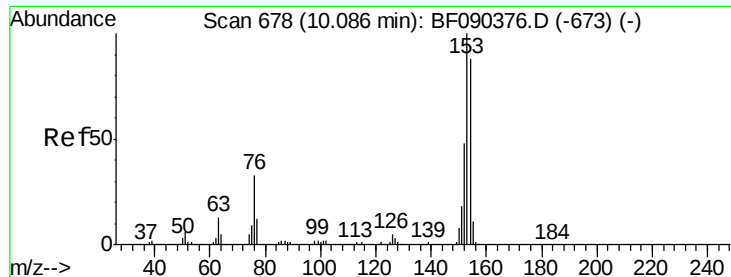


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 58.61 ng

RT: 10.12 min Scan# 681

Delta R.T. 0.03 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

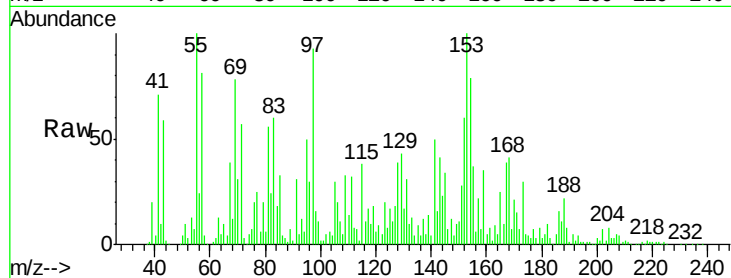
Tgt Ion:154 Resp: 594258

Ion Ratio Lower Upper

154 100

153 125.8 88.6 133.0

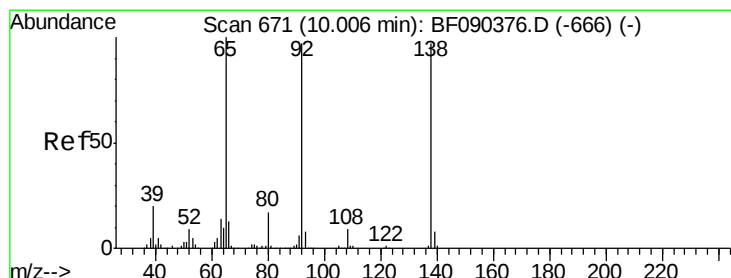
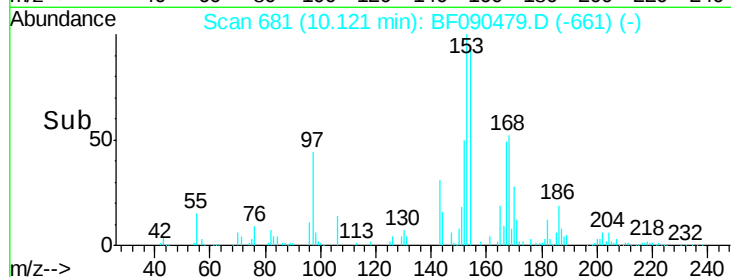
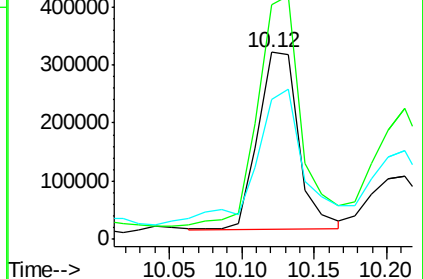
152 75.2 42.6 64.0#



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: 52.05 ng

RT: 10.02 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

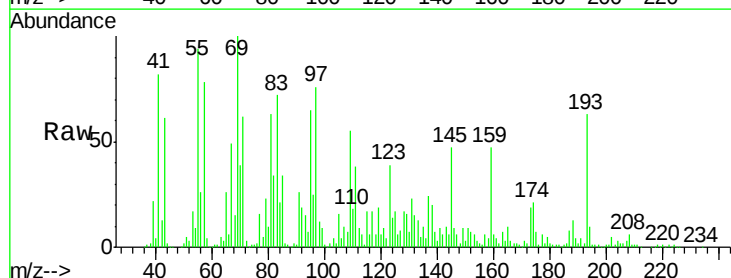
Tgt Ion:138 Resp: 155633

Ion Ratio Lower Upper

138 100

108 35.3 9.7 14.5#

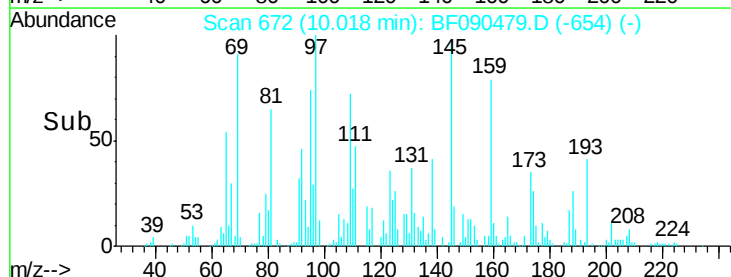
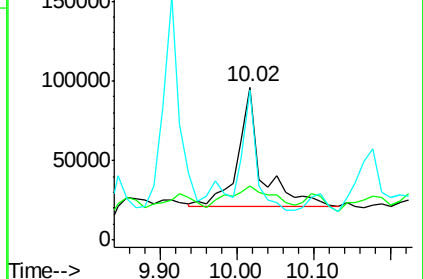
92 98.0 97.1 145.7

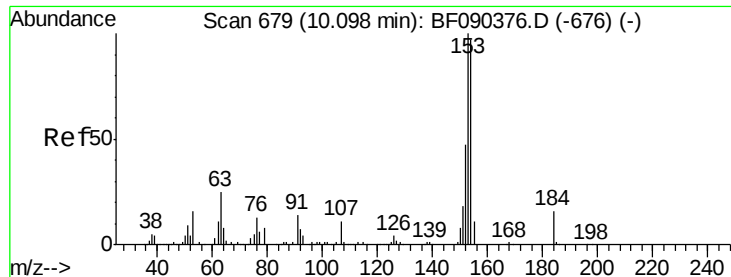


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

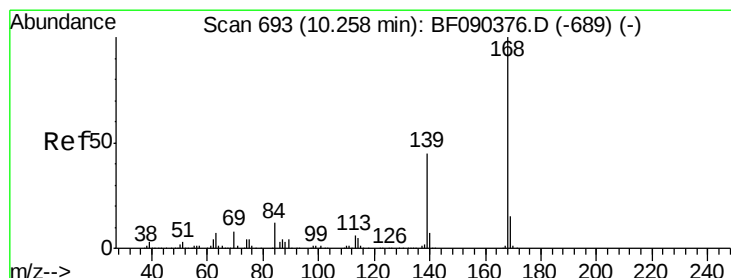
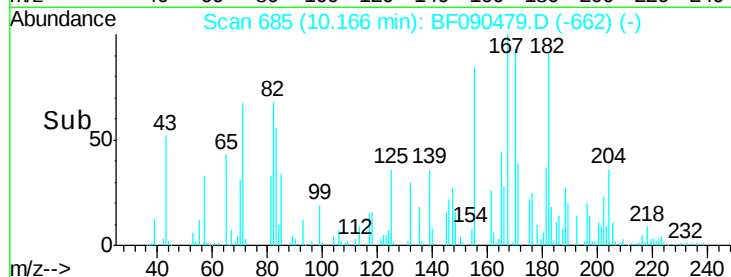
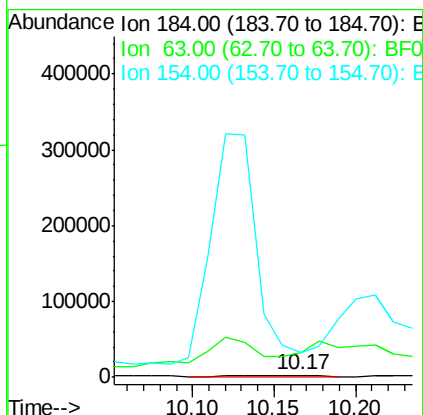
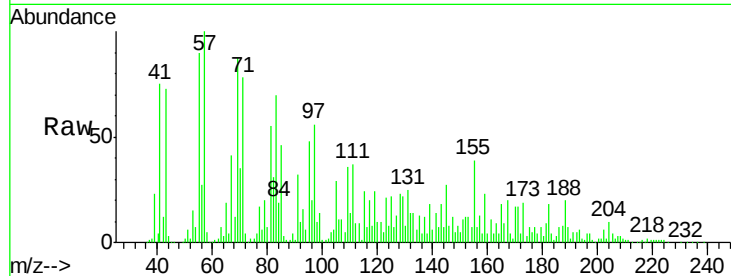




#53
2,4-Dinitrophenol
Concen: 3.21 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.07 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

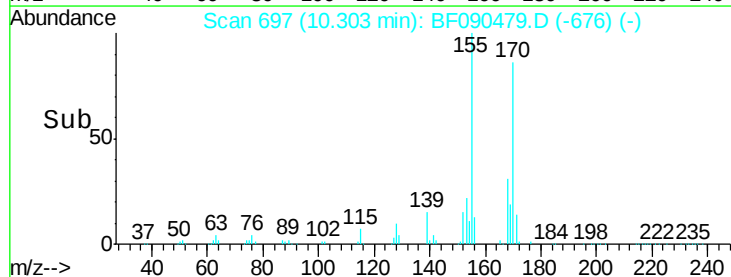
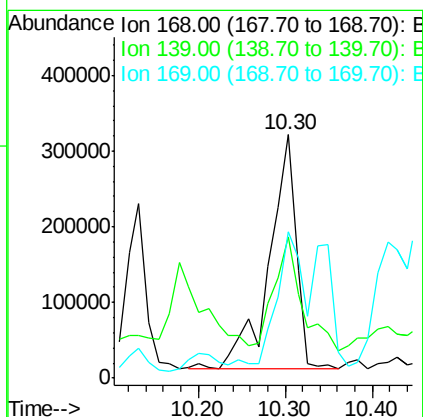
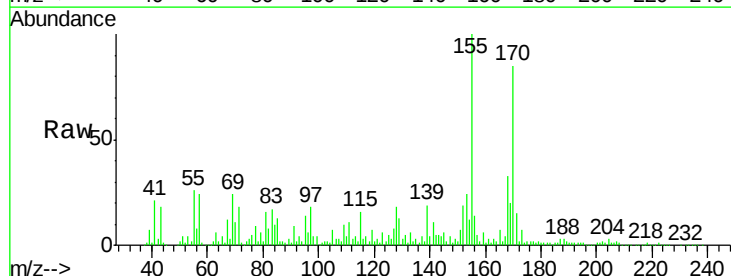
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

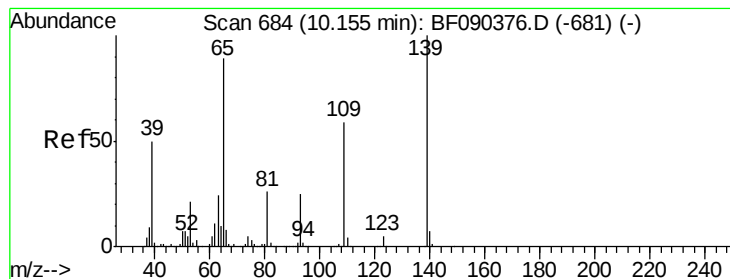
Tgt Ion:184 Resp: 3669
Ion Ratio Lower Upper
184 100
63 1337.6 41.9 62.9#
154 1301.9 48.9 73.3#



#54
Dibenzofuran
Concen: 50.19 ng
RT: 10.30 min Scan# 697
Delta R.T. 0.05 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion:168 Resp: 658717
Ion Ratio Lower Upper
168 100
139 58.1 29.6 44.4#
169 60.2 11.3 16.9#





#55

4-Nitrophenol

Concen: 117.25 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

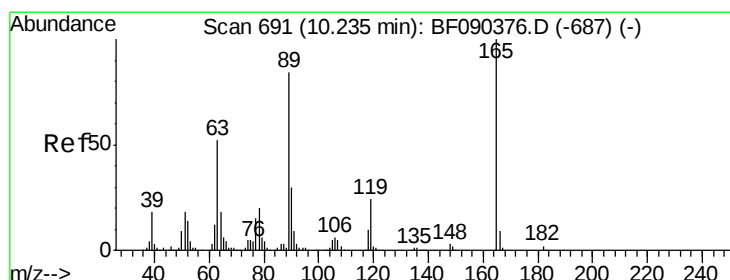
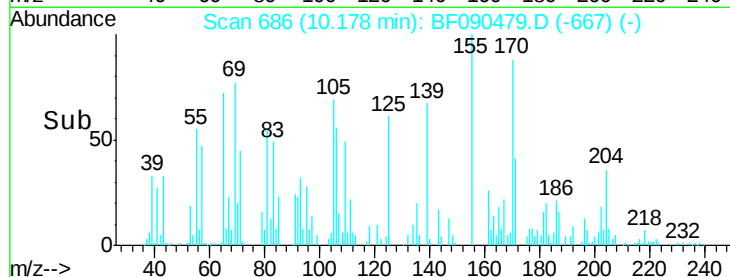
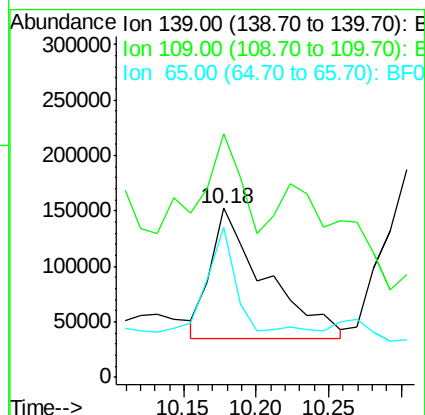
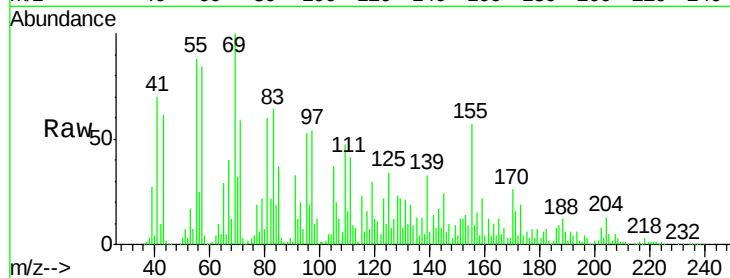
Tgt Ion:139 Resp: 306737

Ion Ratio Lower Upper

139 100

109 143.8 43.6 83.6#

65 89.0 87.5 127.5



#56

2,4-Dinitrotoluene

Concen: 25.09 ng

RT: 10.29 min Scan# 696

Delta R.T. 0.06 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Tgt Ion:165 Resp: 85473

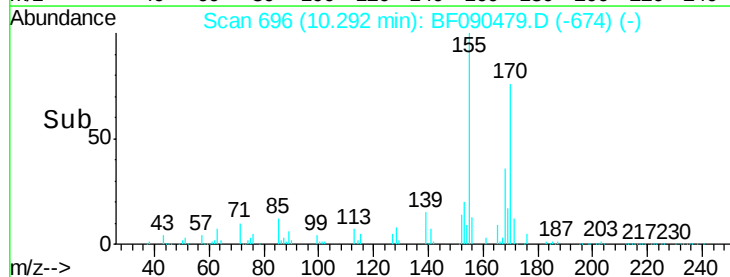
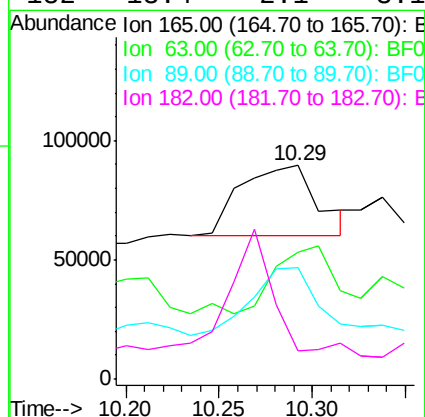
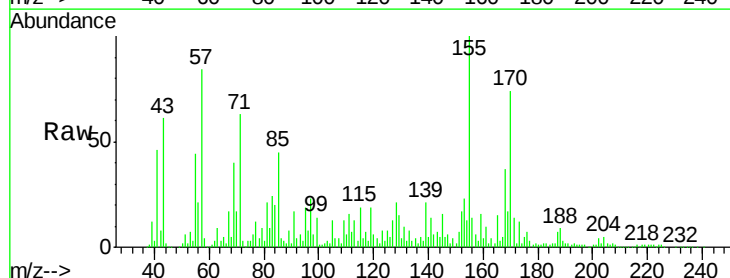
Ion Ratio Lower Upper

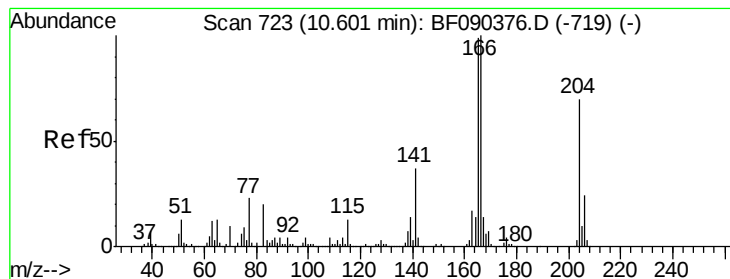
165 100

63 59.4 17.8 26.6#

89 52.1 33.2 49.8#

182 13.4 2.1 3.1#





#57

Fluorene

Concen: 77.00 ng

RT: 10.65 min Scan# 727

Delta R.T. 0.05 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

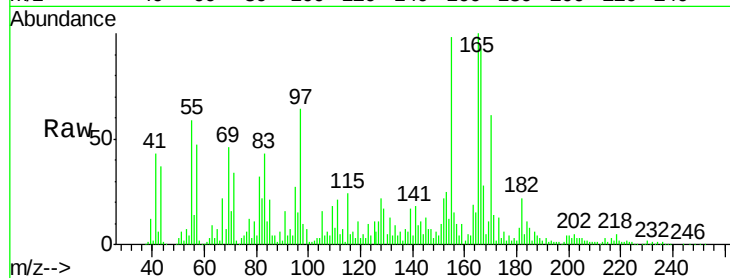
Tgt Ion:166 Resp: 849282

Ion Ratio Lower Upper

166 100

165 107.8 79.2 118.8

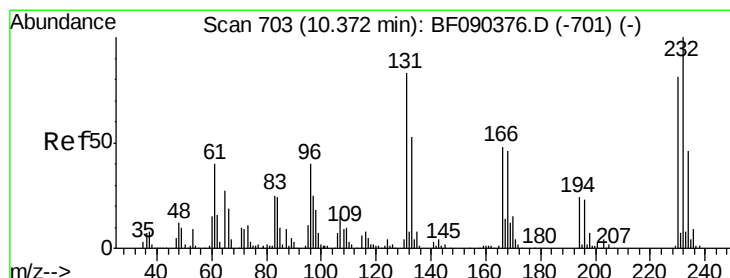
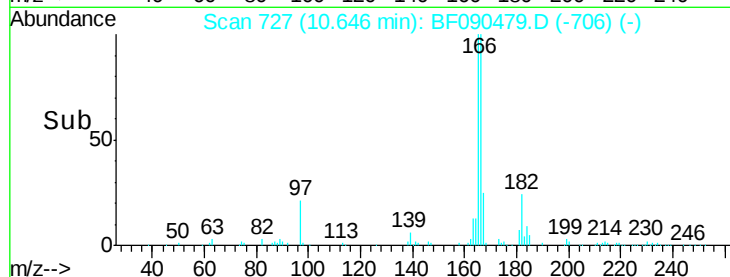
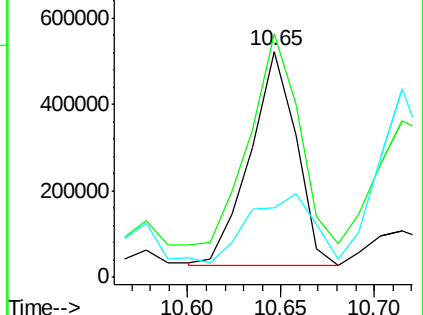
167 30.5 11.1 16.7#



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.04 ng

RT: 10.43 min Scan# 708

Delta R.T. 0.06 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Tgt Ion:232 Resp: 57908

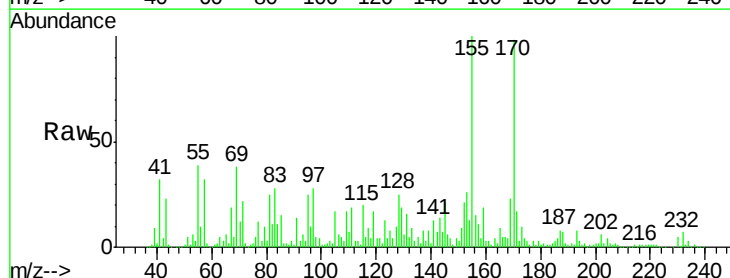
Ion Ratio Lower Upper

232 100

131 219.7 34.5 51.7#

130 151.5 1.6 2.4#

166 63.3 23.8 35.8#

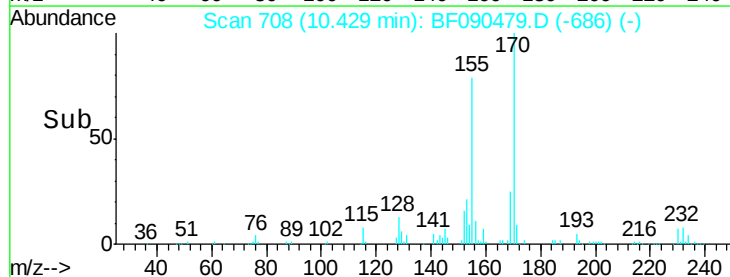
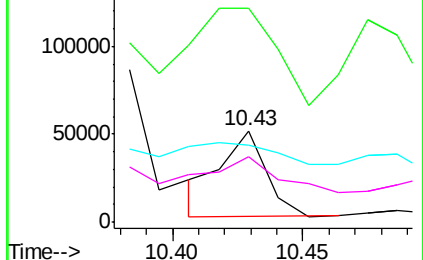


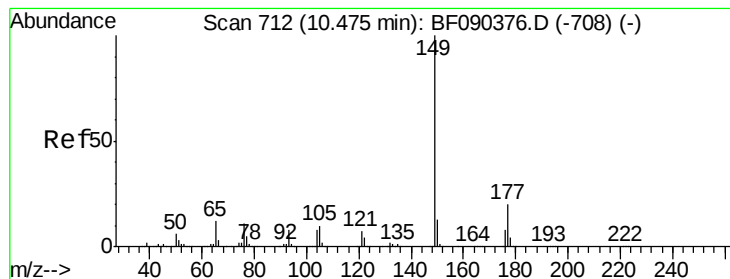
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.07 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.07 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

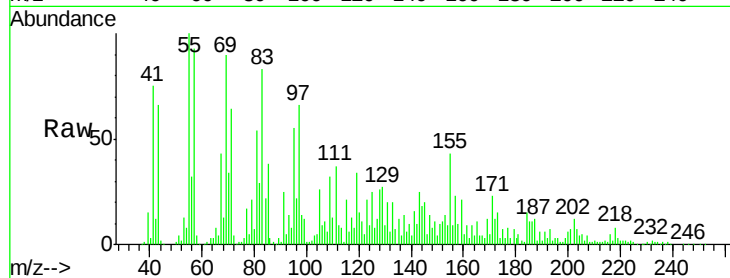
Tgt Ion:149 Resp: 24678

Ion Ratio Lower Upper

149 100

177 69.7 21.1 31.7#

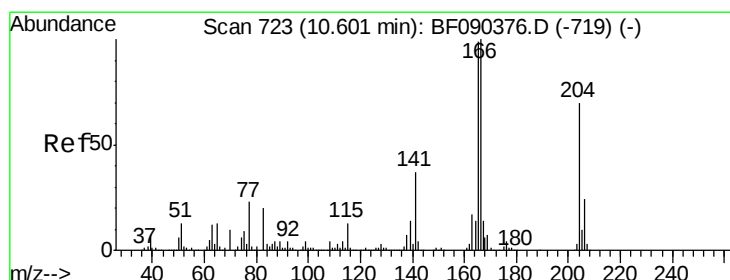
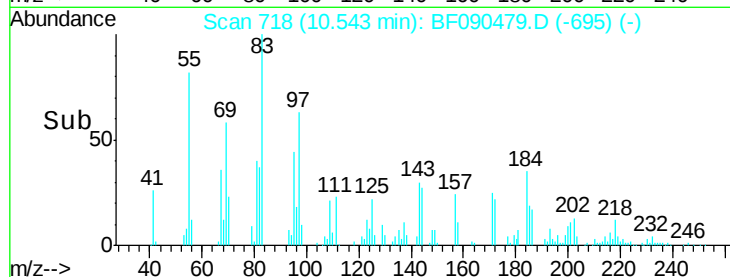
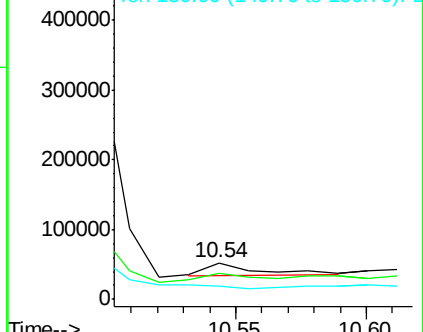
150 35.6 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.56 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.03 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

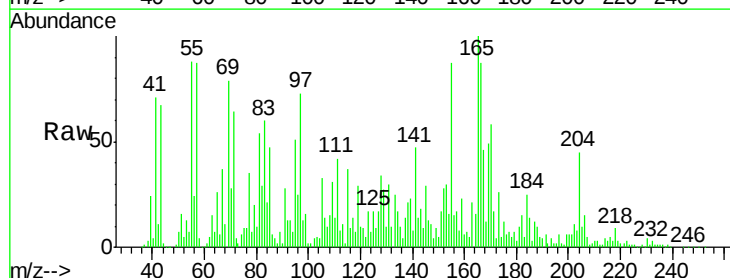
Tgt Ion:204 Resp: 178348

Ion Ratio Lower Upper

204 100

206 34.5 26.7 40.1

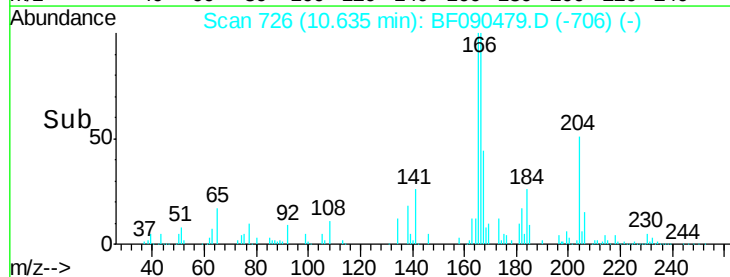
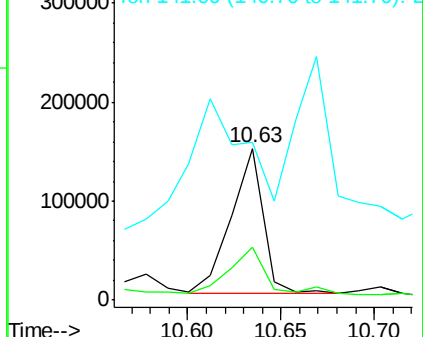
141 104.0 51.7 77.5#

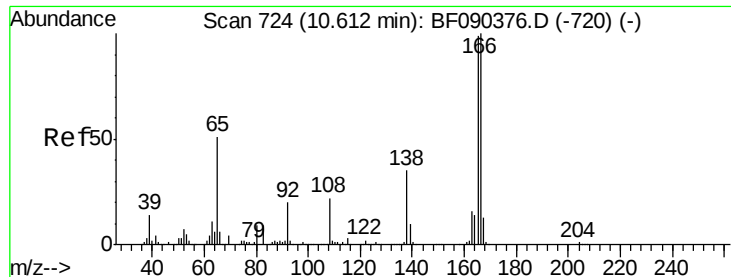


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

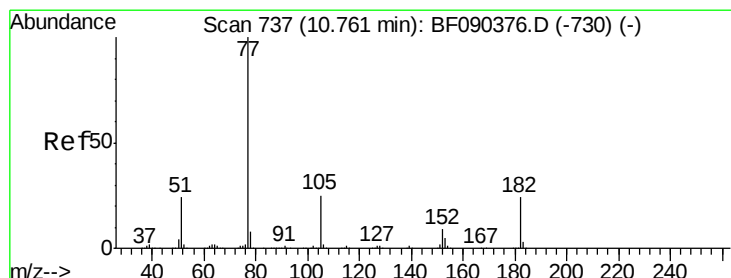
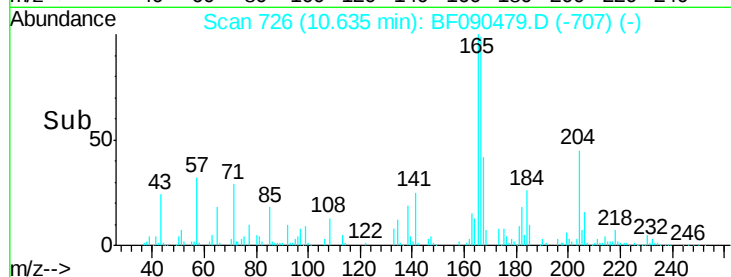
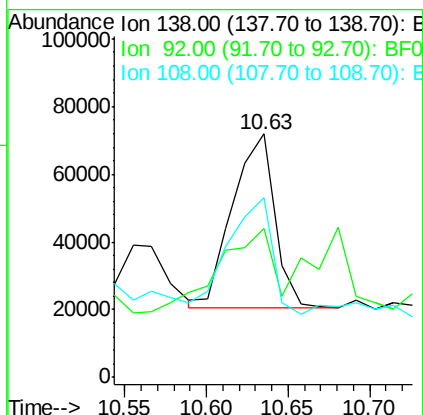
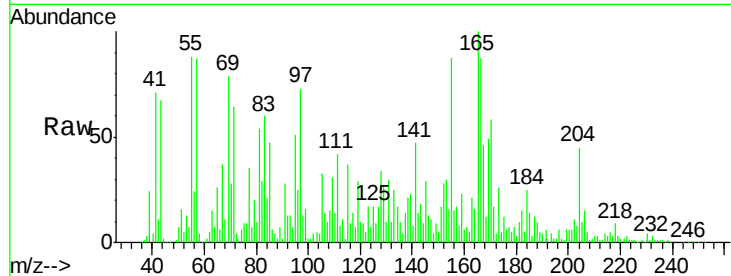




#61
4-Nitroaniline
Concen: 30.45 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

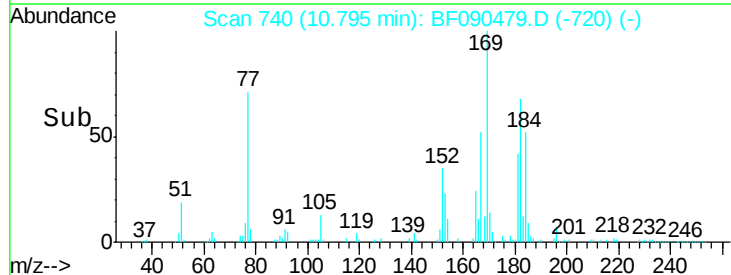
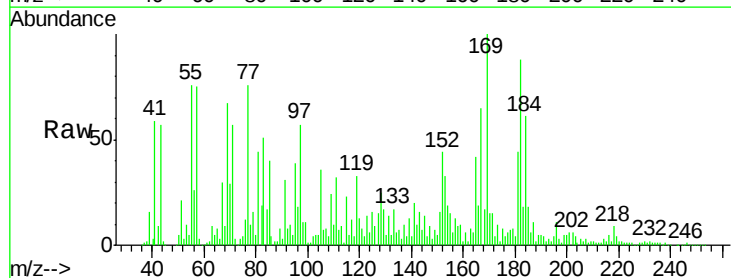
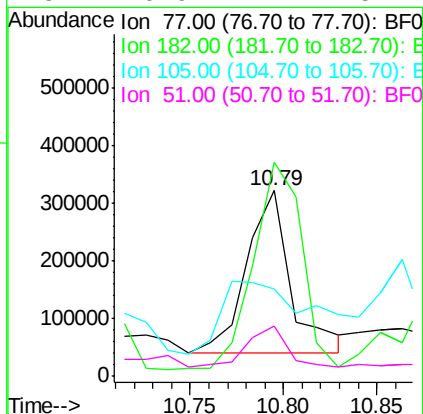
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

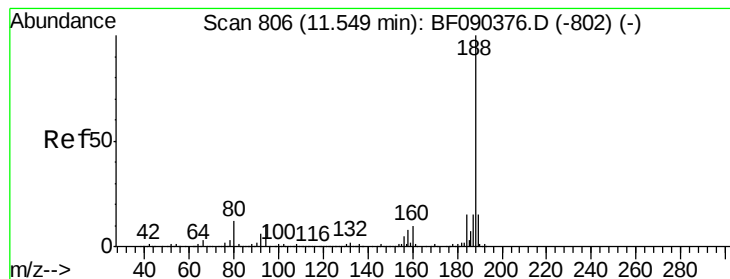
Tgt Ion:138 Resp: 91731
Ion Ratio Lower Upper
138 100
92 61.1 33.2 73.2
108 73.6 48.5 88.5



#62
Azobenzene
Concen: 34.06 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.03 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion: 77 Resp: 469221
Ion Ratio Lower Upper
77 100
182 115.1 3.2 43.2#
105 46.7 2.9 42.9#
51 26.9 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.57 min Scan# 808

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

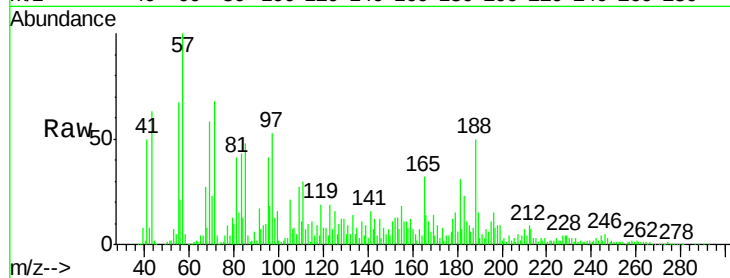
Tgt Ion:188 Resp: 401533

Ion Ratio Lower Upper

188 100

94 19.5 8.2 12.2#

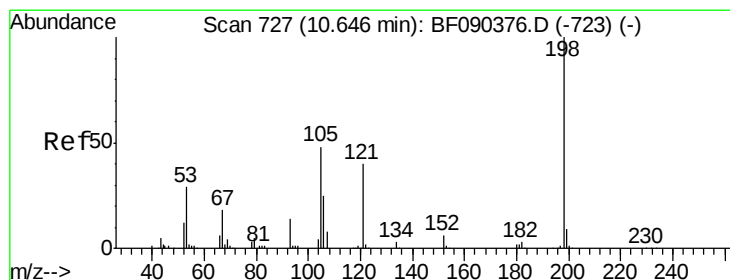
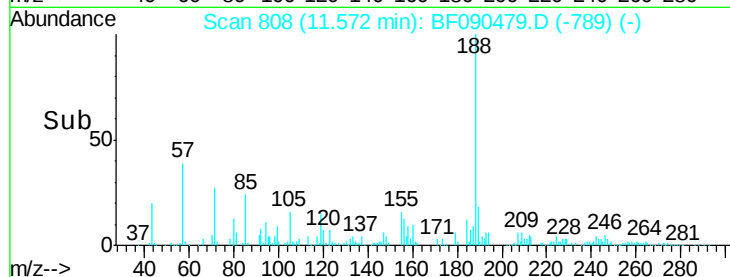
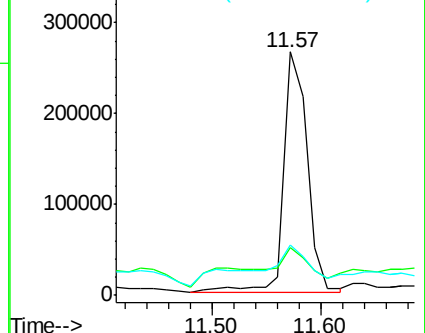
80 20.8 8.8 13.2#



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: 7.59 ng

RT: 10.62 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

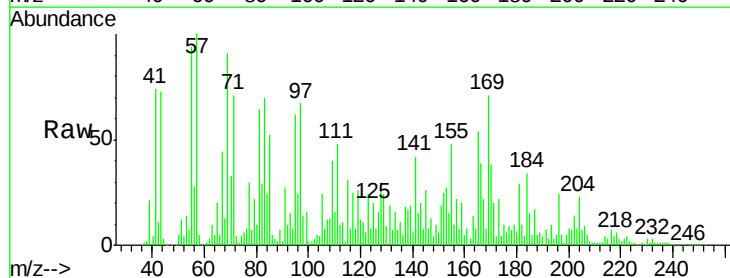
Tgt Ion:198 Resp: 6589

Ion Ratio Lower Upper

198 100

51 807.4 67.3 107.3#

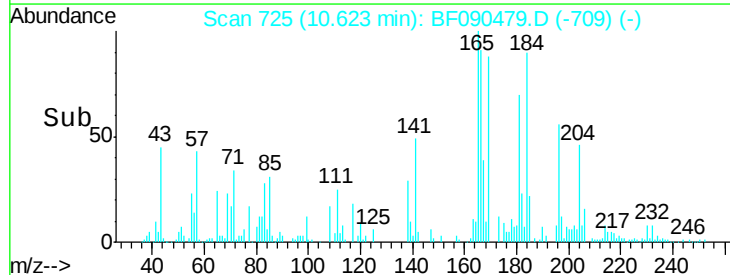
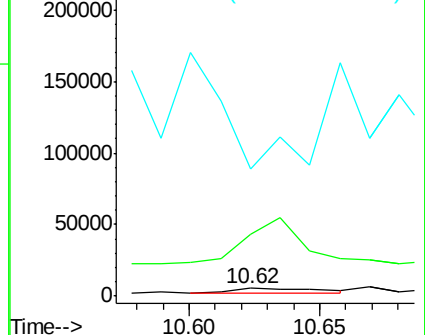
105 1642.6 42.6 82.6#

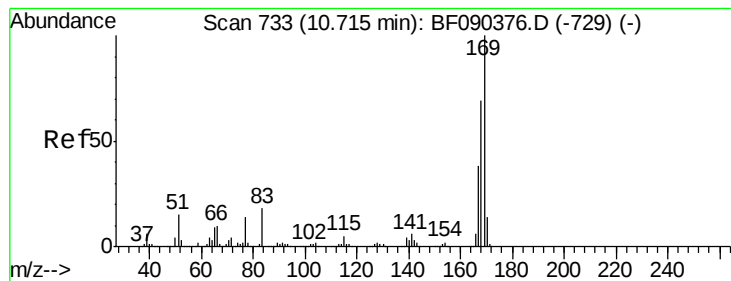


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 27.44 ng

RT: 10.74 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

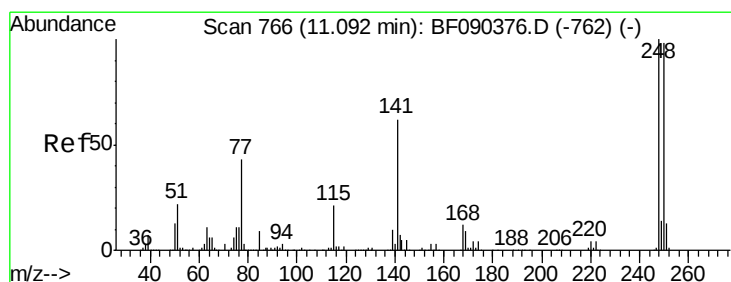
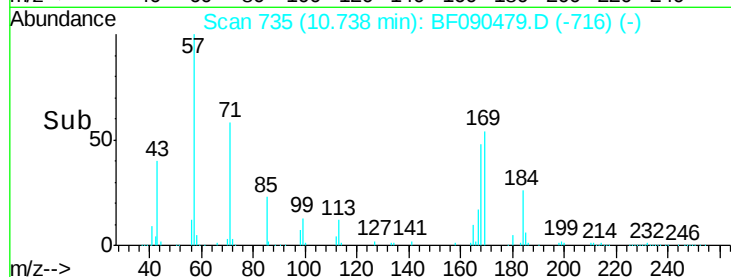
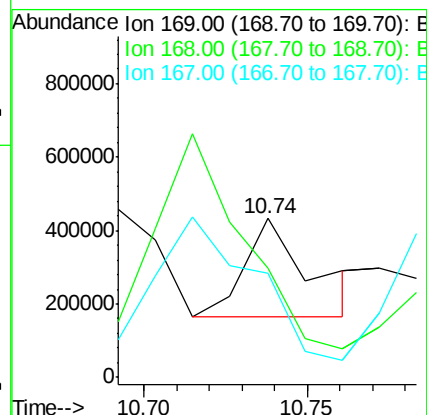
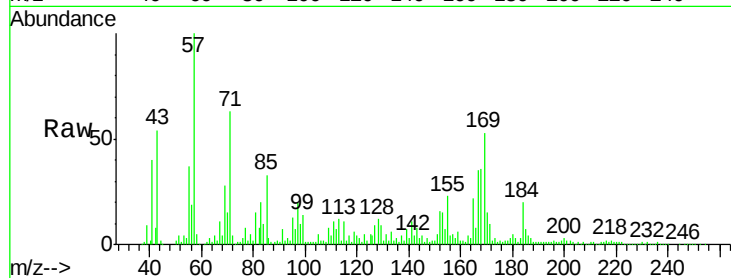
Tgt Ion:169 Resp: 369230

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

167 65.6 29.8 44.8#



#66

4-Bromophenyl-phenylether

Concen: 40.39 ng

RT: 11.11 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

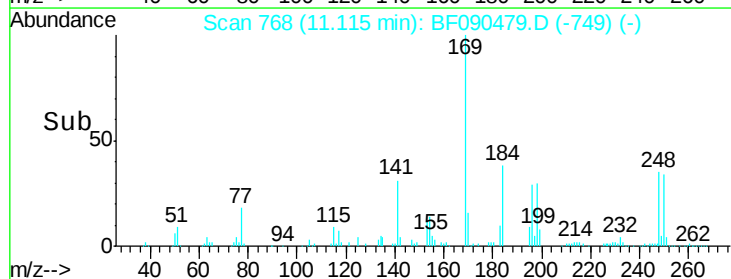
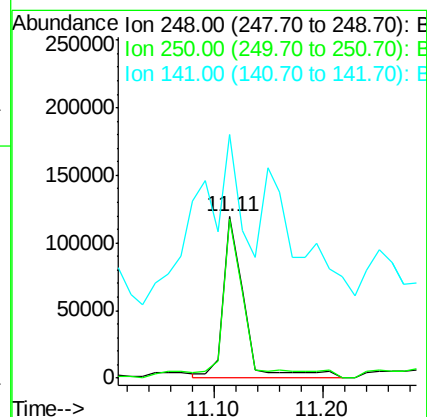
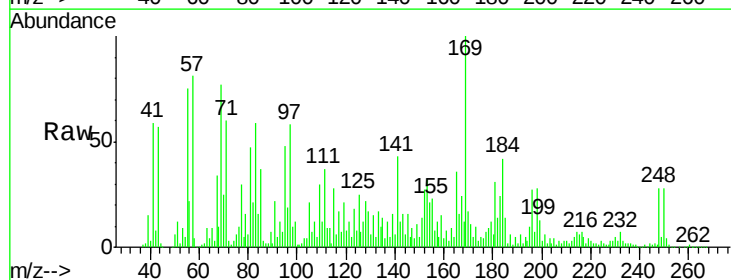
Tgt Ion:248 Resp: 158957

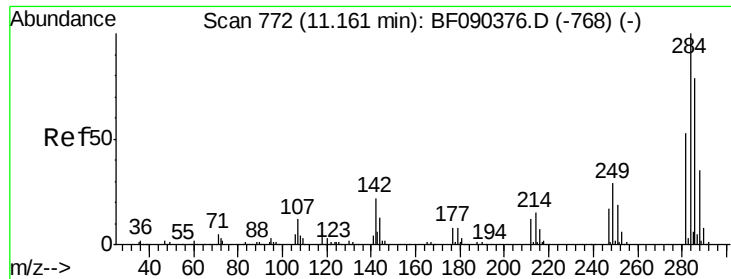
Ion Ratio Lower Upper

248 100

250 98.4 76.5 114.7

141 150.8 59.8 89.6#

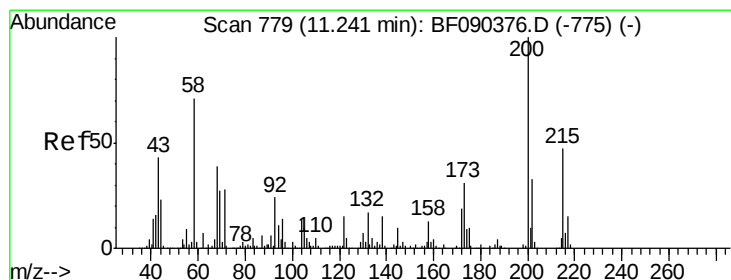
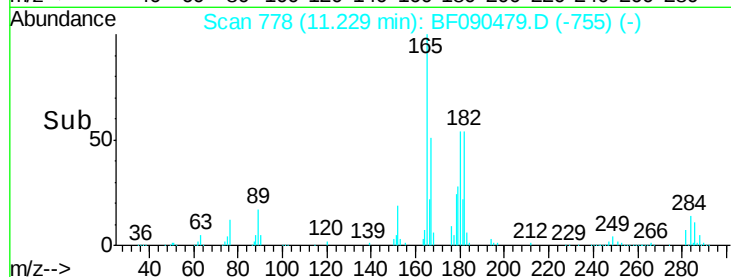
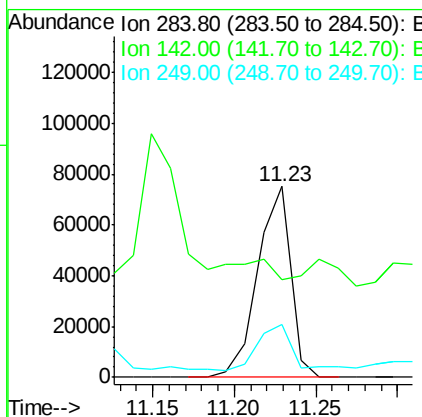
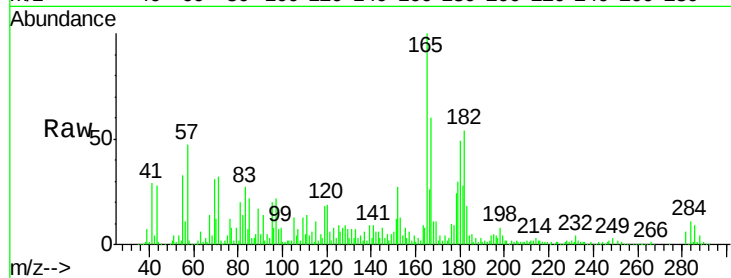




#67
Hexachlorobenzene
Concen: 24.09 ng
RT: 11.23 min Scan# 778
Delta R.T. 0.07 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

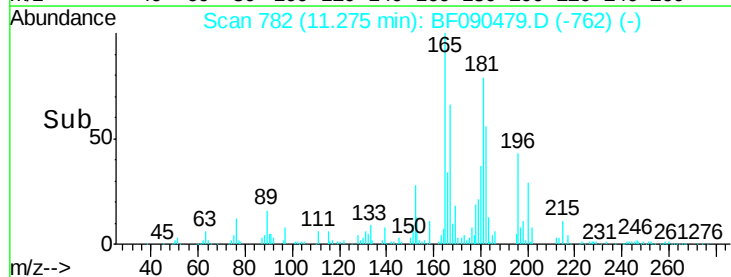
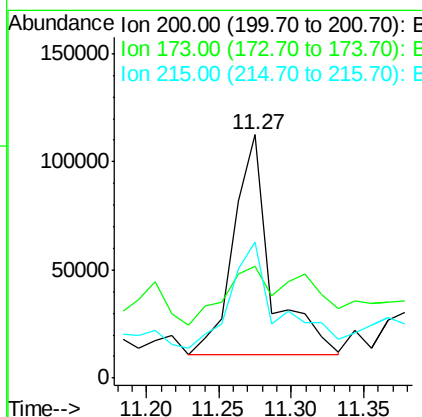
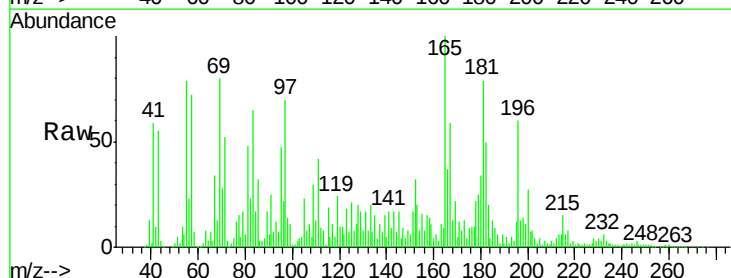
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

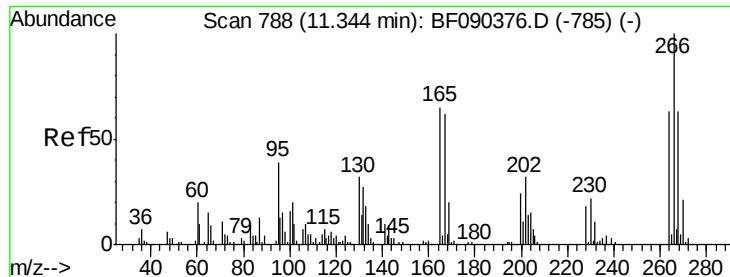
Tgt Ion:284 Resp: 105604
Ion Ratio Lower Upper
284 100
142 51.2 23.1 34.7#
249 27.4 26.3 39.5



#68
Atrazine
Concen: 54.69 ng
RT: 11.27 min Scan# 782
Delta R.T. 0.03 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion:200 Resp: 181444
Ion Ratio Lower Upper
200 100
173 46.1 9.0 49.0
215 56.1 24.8 64.8

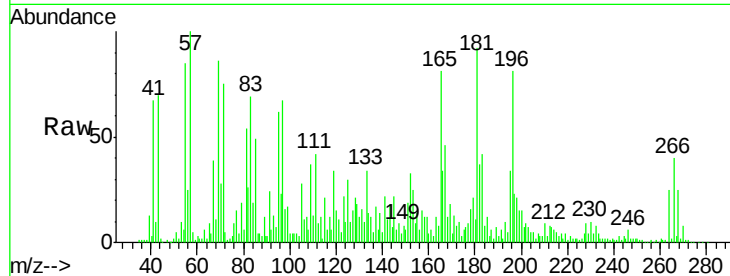




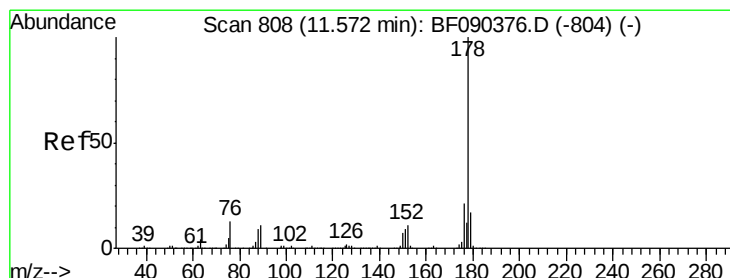
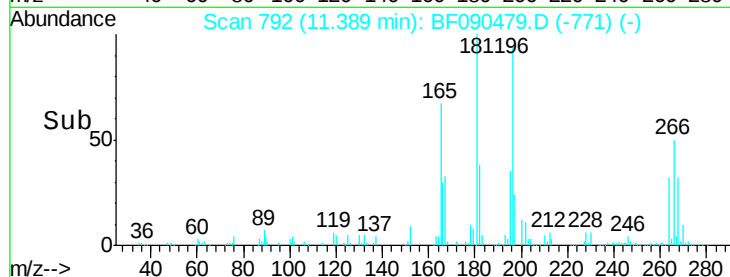
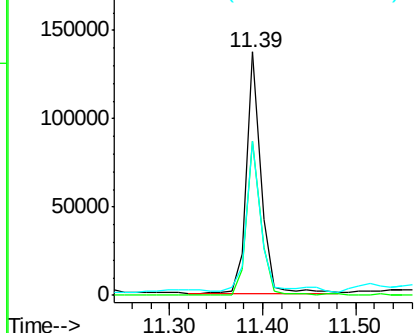
#69
 Pentachlorophenol
 Concen: 56.40 ng
 RT: 11.39 min Scan# 792
 Delta R.T. 0.05 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

Tgt Ion:266 Resp: 147145
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.9 76.3
 264 63.2 51.5 77.3

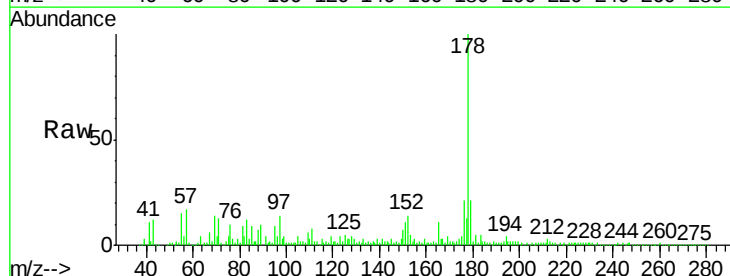


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

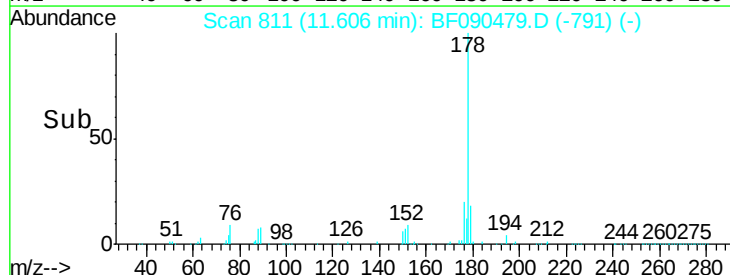
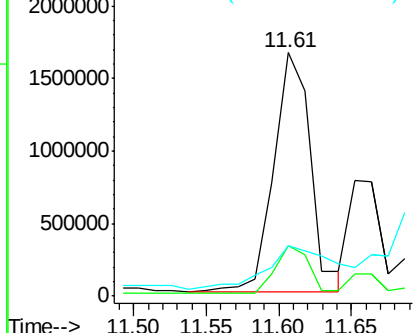


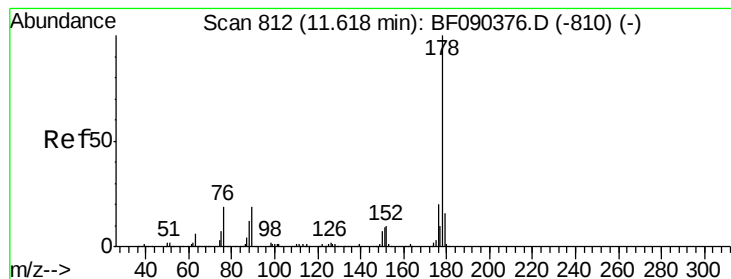
#70
 Phenanthrene
 Concen: 140.95 ng
 RT: 11.61 min Scan# 811
 Delta R.T. 0.03 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:178 Resp: 2898058
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.3 25.9
 179 20.6 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.47 ng

RT: 11.65 min Scan# 815

Delta R.T. 0.03 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

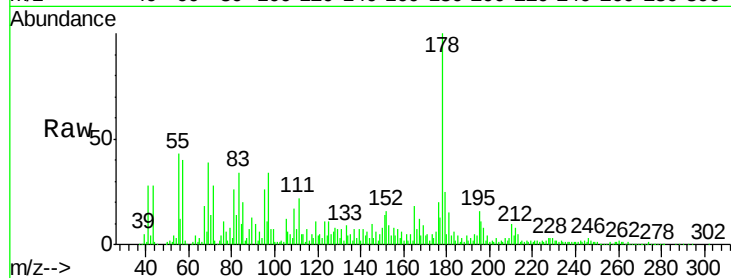
Tgt Ion:178 Resp: 912695

Ion Ratio Lower Upper

178 100

176 19.6 16.8 25.2

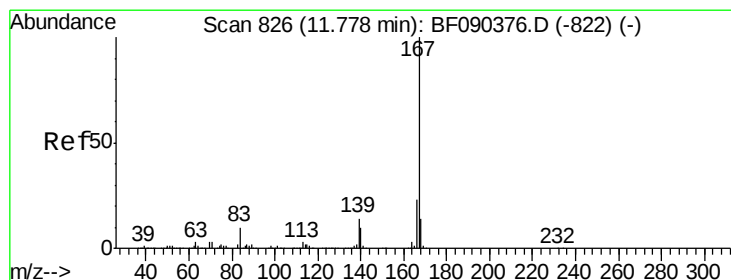
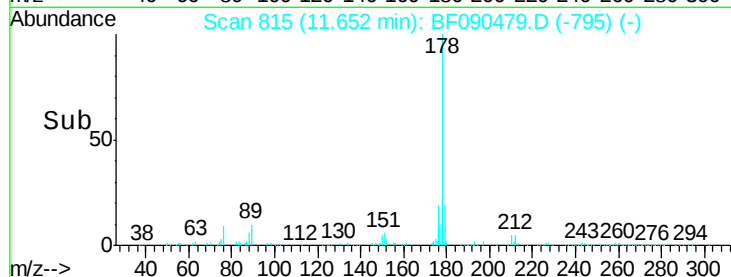
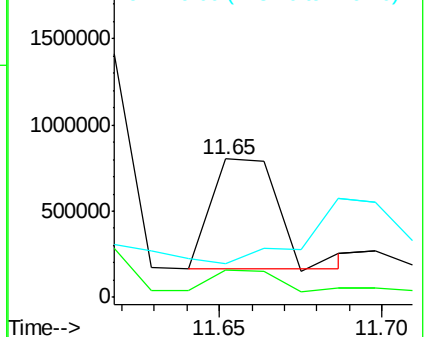
179 24.7 13.4 20.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.64 ng

RT: 11.80 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

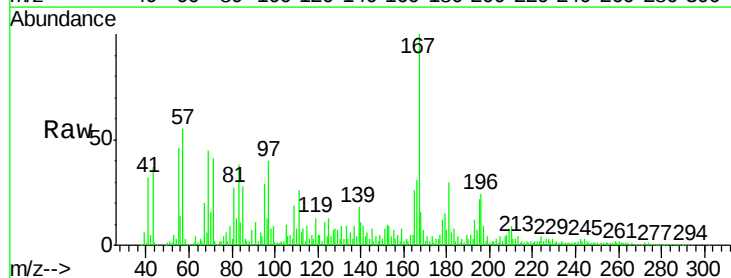
Tgt Ion:167 Resp: 656267

Ion Ratio Lower Upper

167 100

166 31.5 19.1 28.7#

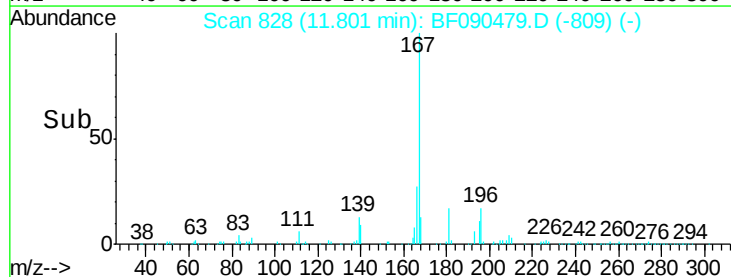
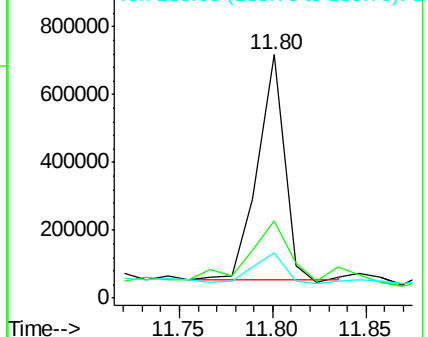
139 18.4 12.1 18.1#

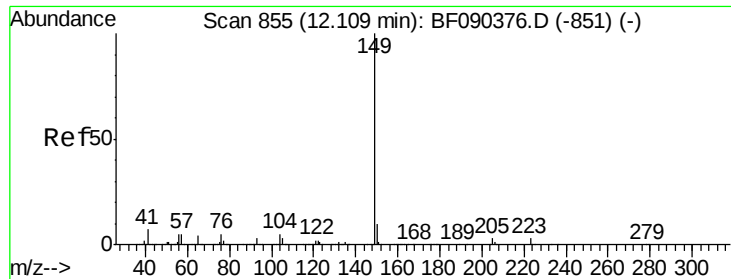


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

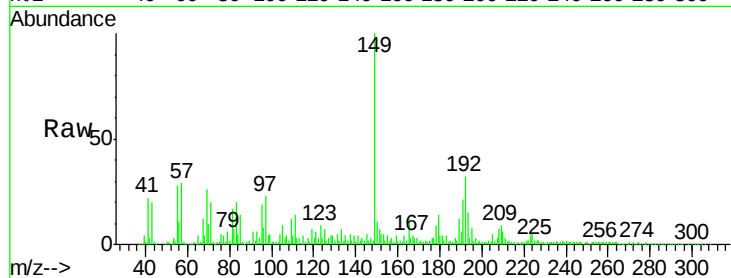




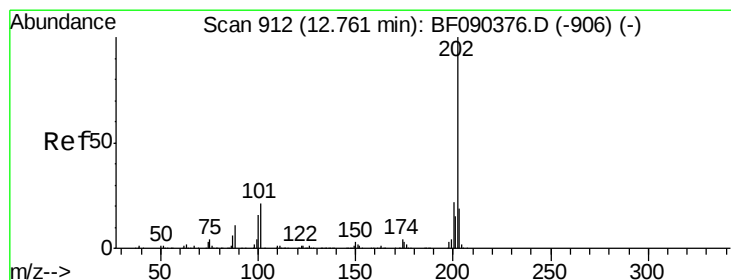
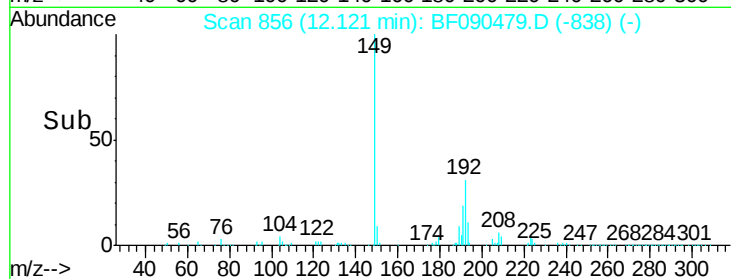
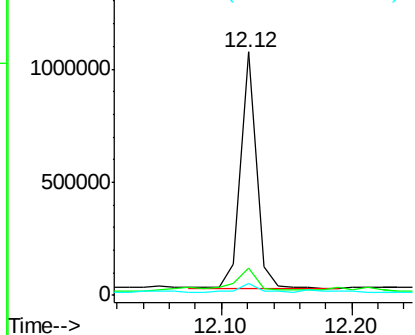
#73
Di-n-butylphthalate
Concen: 36.91 ng
RT: 12.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MS

Tgt Ion:149 Resp: 876160
Ion Ratio Lower Upper
149 100
150 11.2 8.6 12.8
104 5.1 4.7 7.1

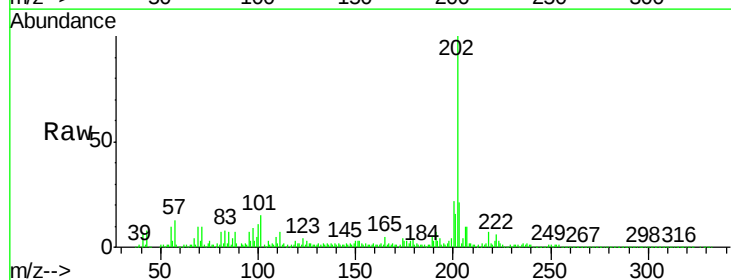


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

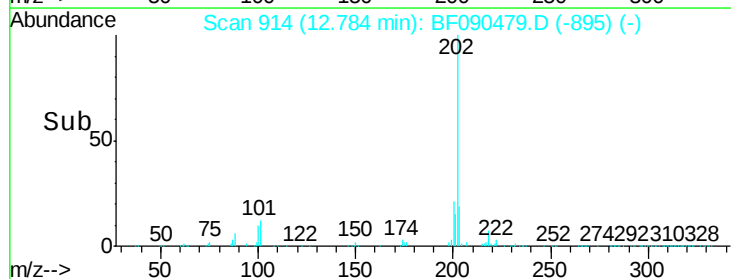
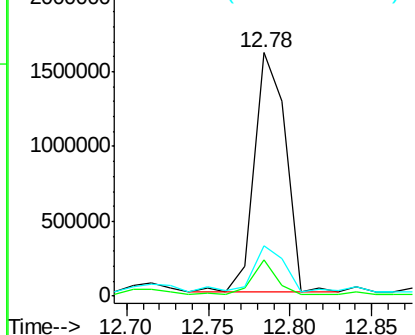


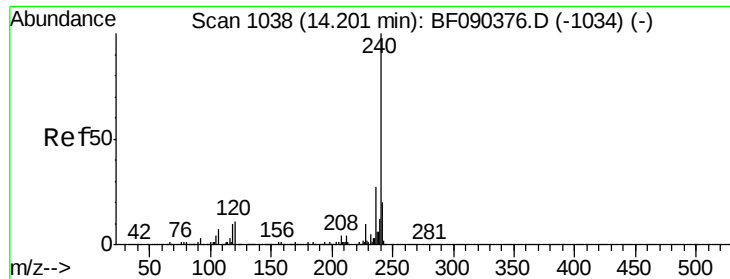
#74
Fluoranthene
Concen: 105.73 ng
RT: 12.78 min Scan# 914
Delta R.T. 0.02 min
Lab File: BF090479.D
Acq: 8 Oct 2016 10:34

Tgt Ion:202 Resp: 2132288
Ion Ratio Lower Upper
202 100
101 14.7 0.0 37.2
203 20.8 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

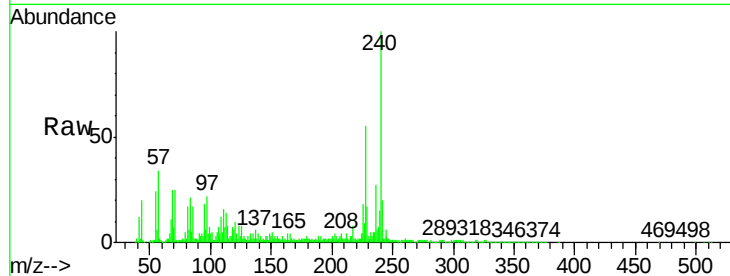
Tgt Ion:240 Resp: 470997

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

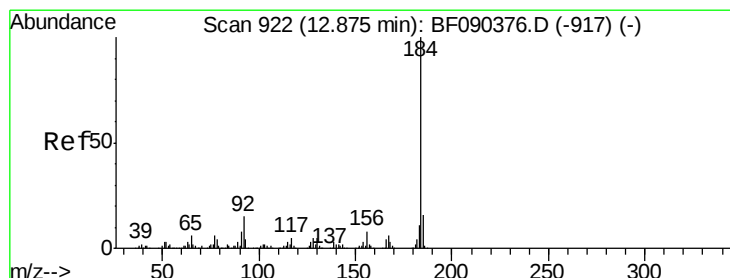
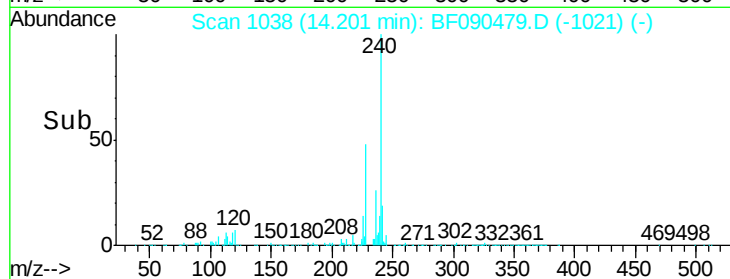
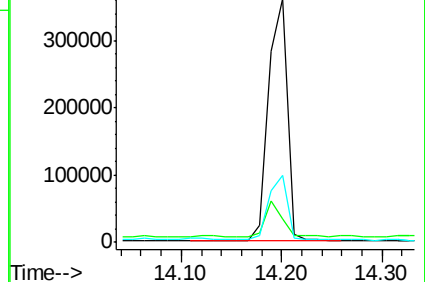
236 27.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.97 ng

RT: 12.89 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

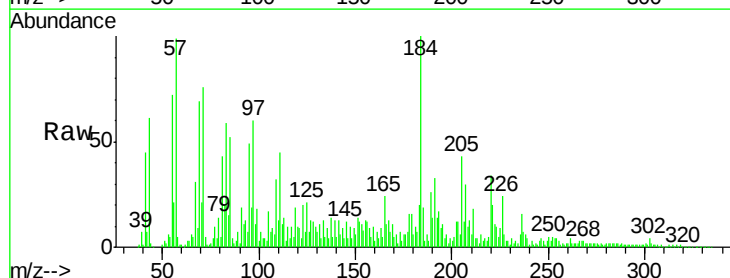
Tgt Ion:184 Resp: 259733

Ion Ratio Lower Upper

184 100

185 19.0 11.8 17.8#

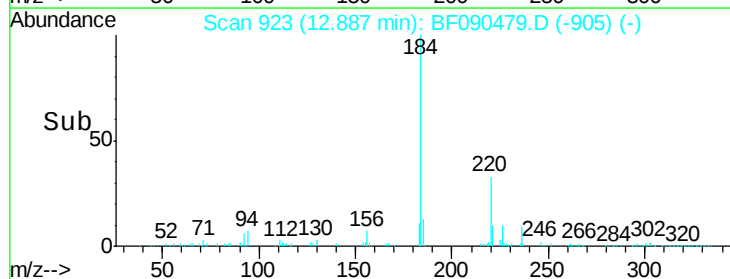
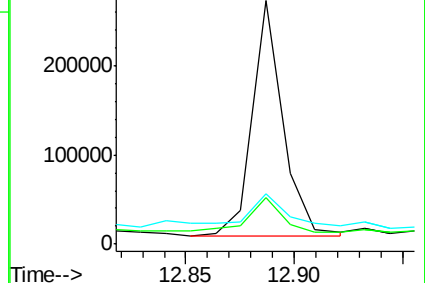
183 20.4 9.6 14.4#

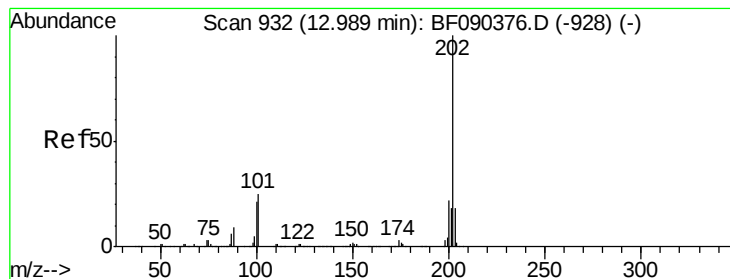


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 78.28 ng

RT: 13.01 min Scan# 934

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

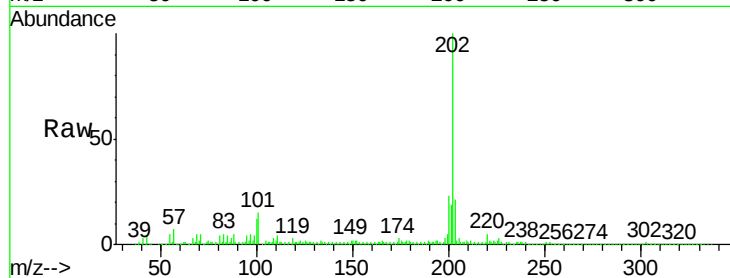
Tgt Ion:202 Resp: 2458514

Ion Ratio Lower Upper

202 100

200 22.6 18.5 27.7

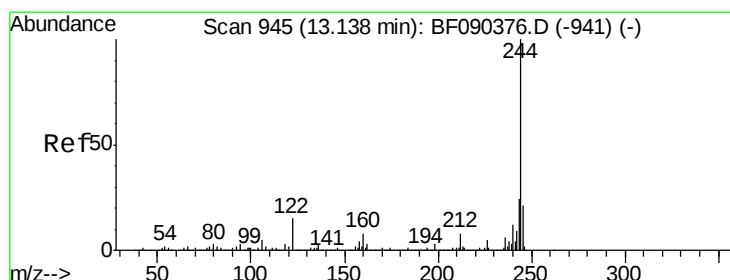
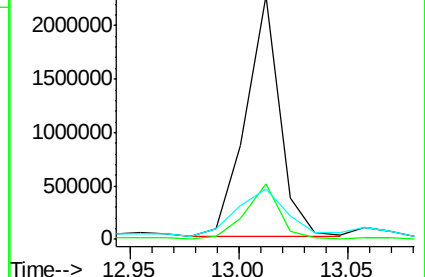
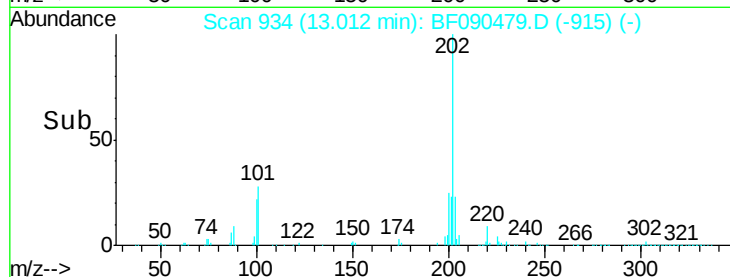
203 20.7 15.0 22.6



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: 61.16 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

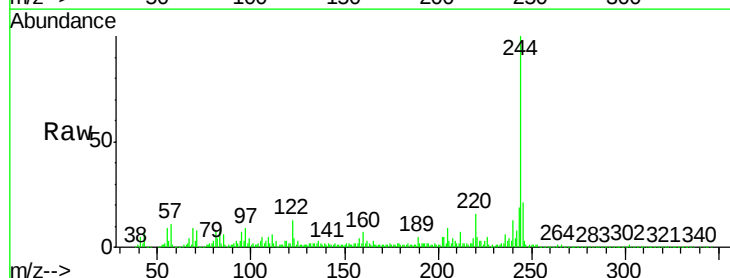
Tgt Ion:244 Resp: 1281209

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

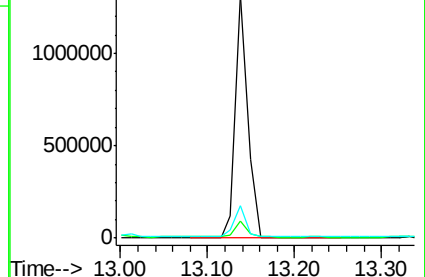
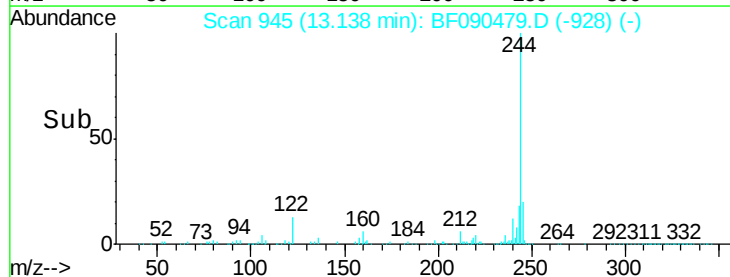
122 13.3 13.3 19.9

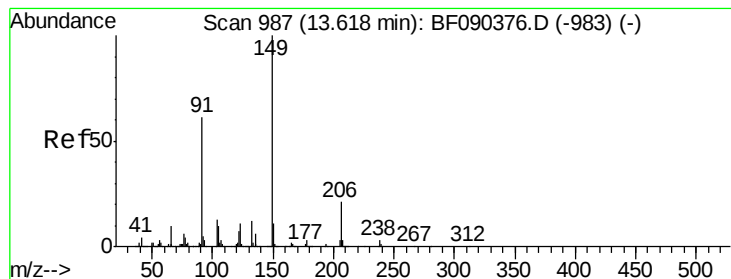


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.98 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

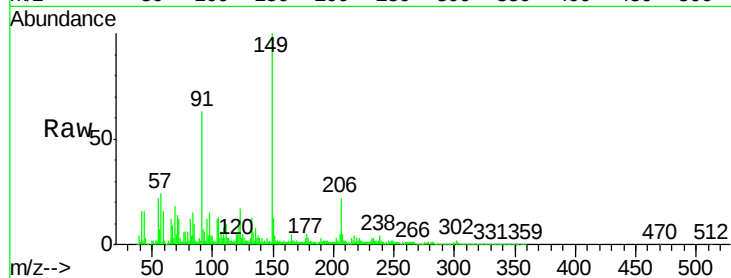
Tgt Ion:149 Resp: 499178

Ion Ratio Lower Upper

149 100

91 63.1 51.8 77.8

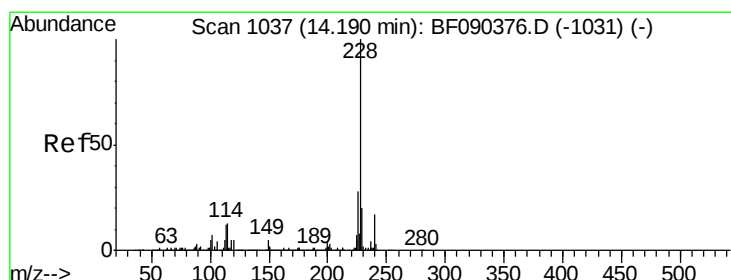
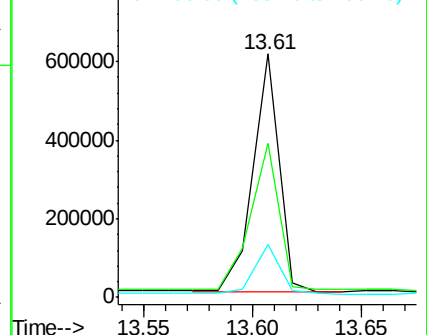
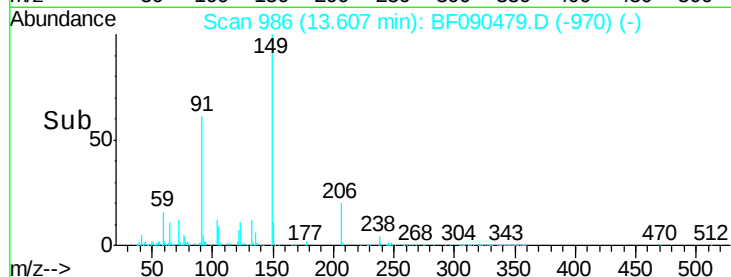
206 22.0 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 78.79 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

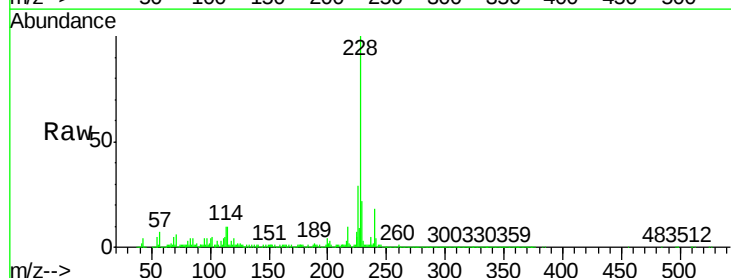
Tgt Ion:228 Resp: 2082048

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

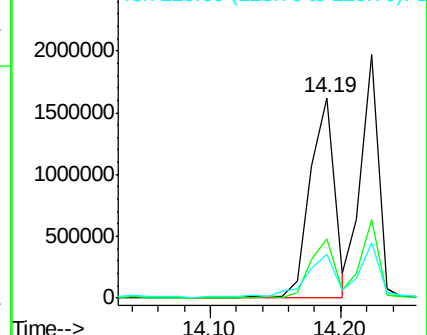
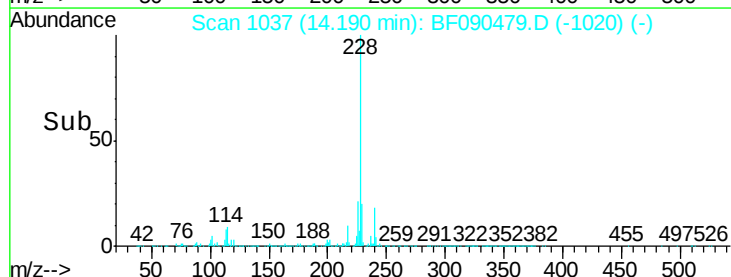
229 22.1 16.6 25.0

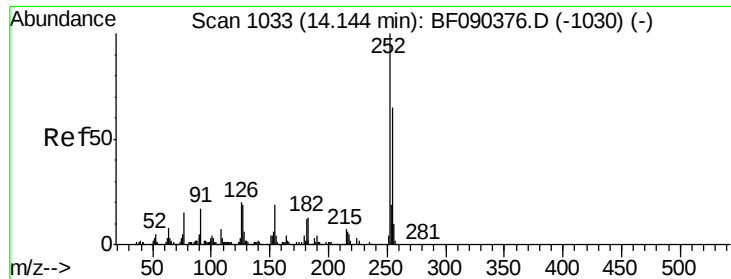


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

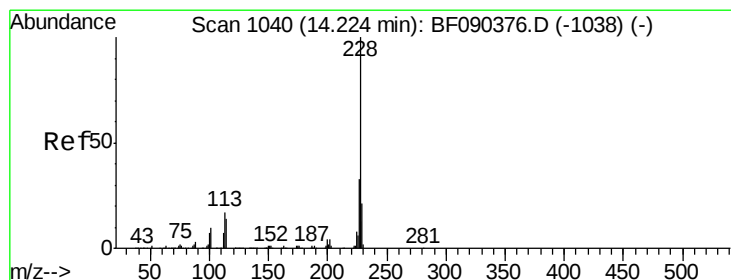
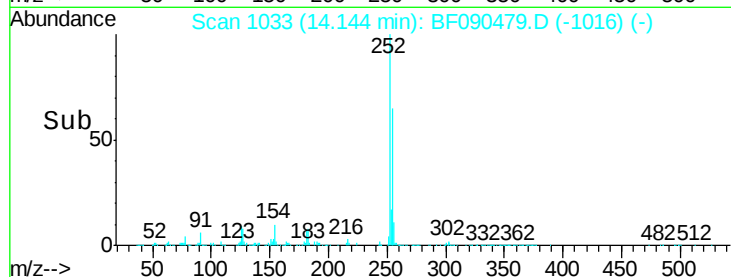
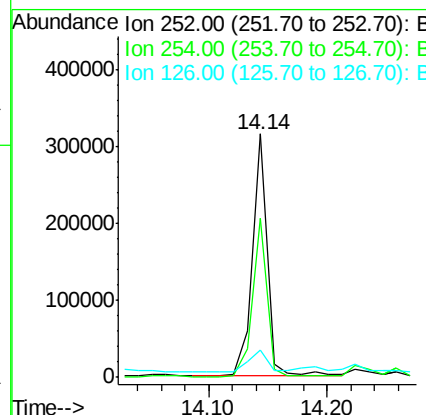
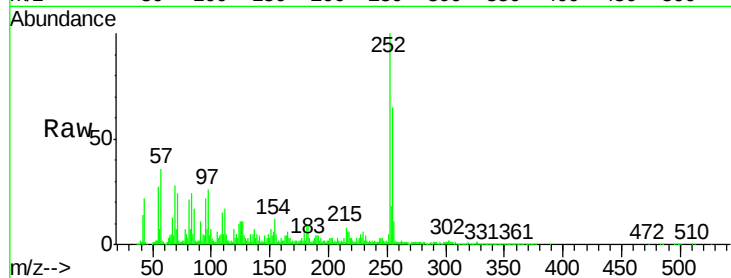




#81
 3,3'-Dichlorobenzidine
 Concen: 28.63 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

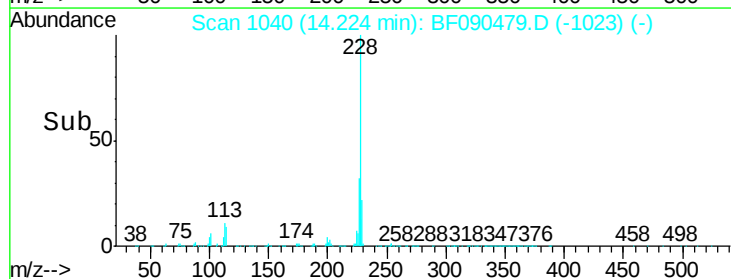
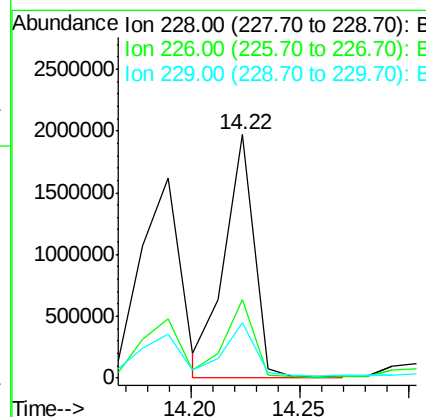
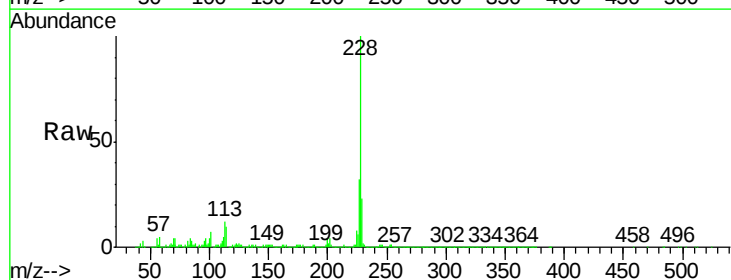
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

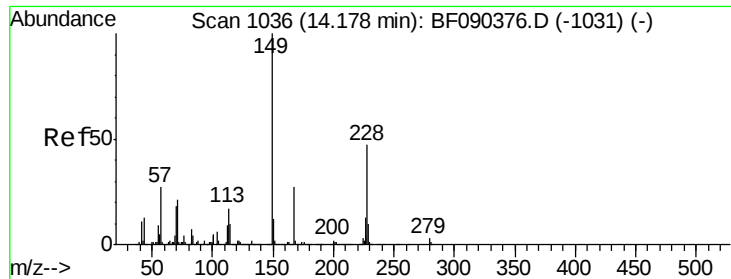
Tgt Ion:252 Resp: 274347
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.1 78.1
 126 11.1 4.2 6.4#



#82
 Chrysene
 Concen: 75.71 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:228 Resp: 1841401
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.8 38.6
 229 22.5 16.9 25.3

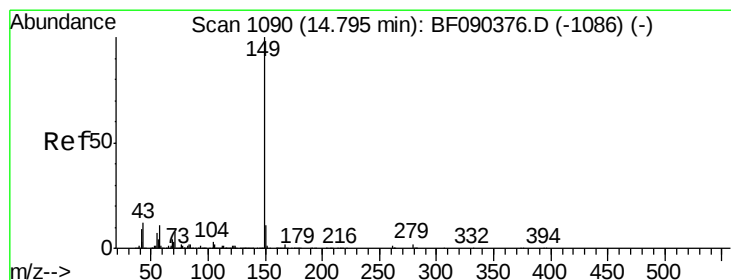
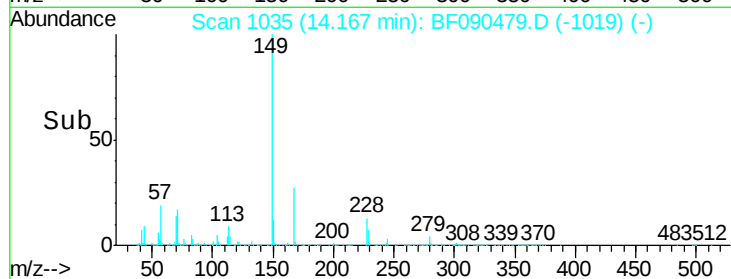
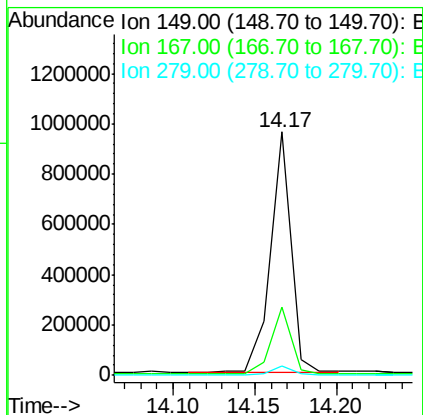
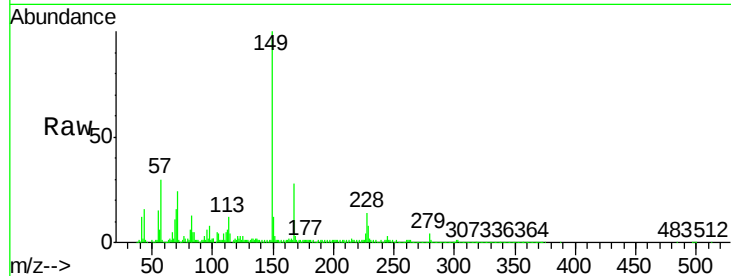




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.38 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

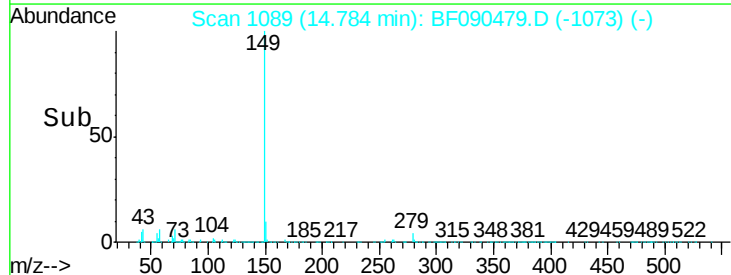
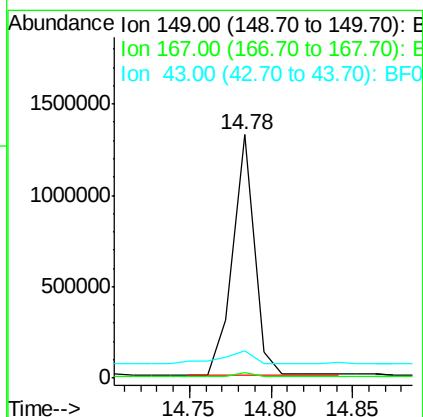
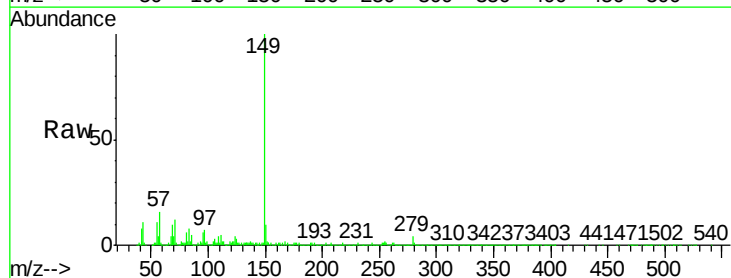
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

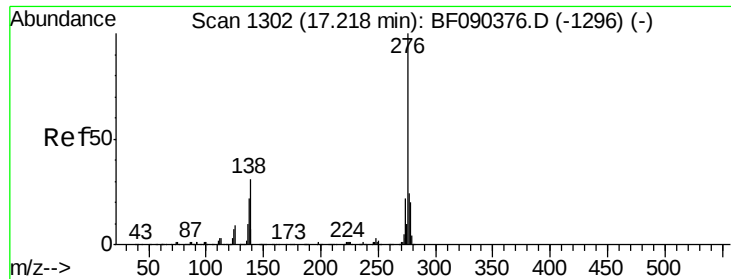
Tgt Ion:149 Resp: 833394
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.5 32.3
 279 3.7 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 35.90 ng
 RT: 14.78 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:149 Resp: 1219258
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 11.8 17.8#

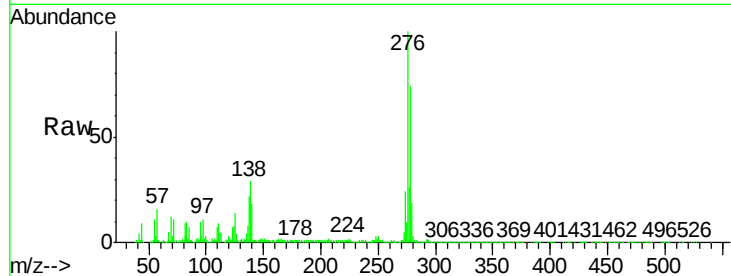




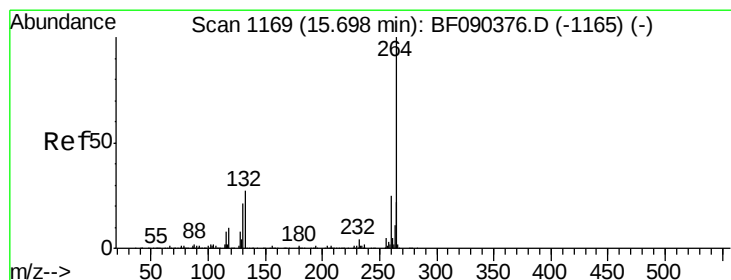
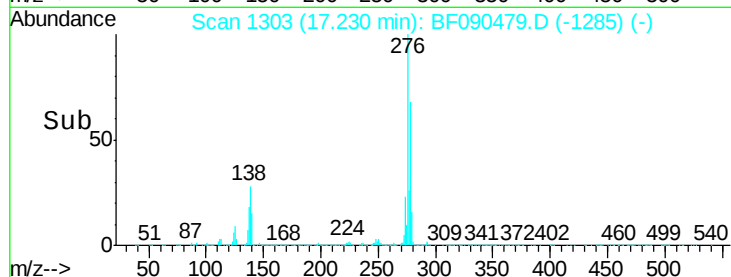
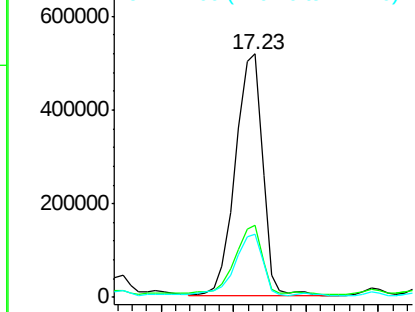
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78.53 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

Tgt Ion:276 Resp: 1361743
 Ion Ratio Lower Upper
 276 100
 138 27.3 23.8 35.8
 277 26.2 20.4 30.6

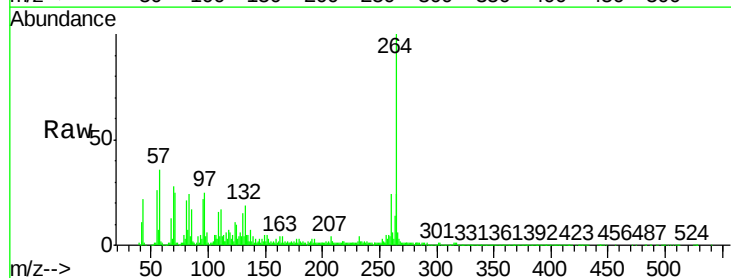


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

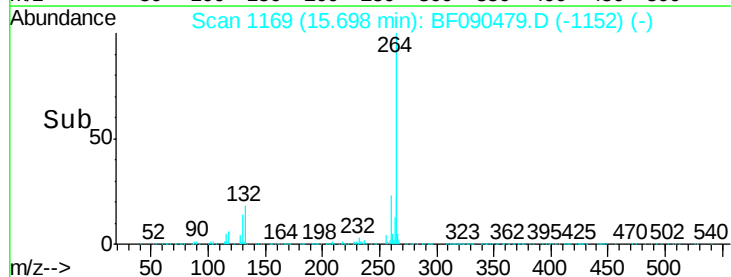
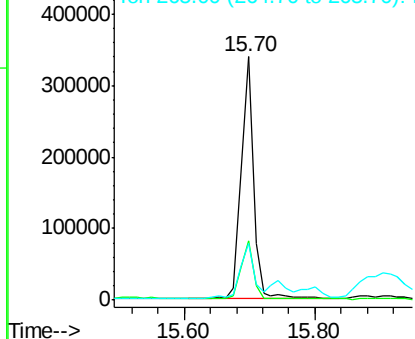


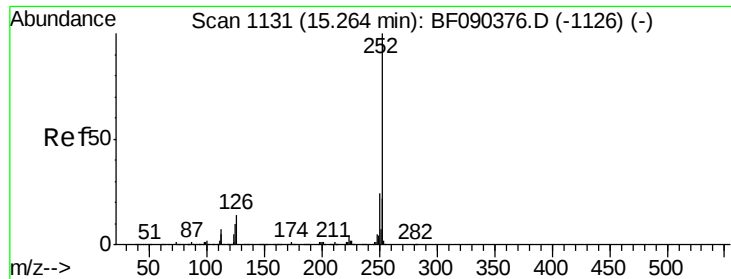
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Tgt Ion:264 Resp: 443658
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 23.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 134.99 ng

RT: 15.29 min Scan# 1133

Delta R.T. 0.02 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

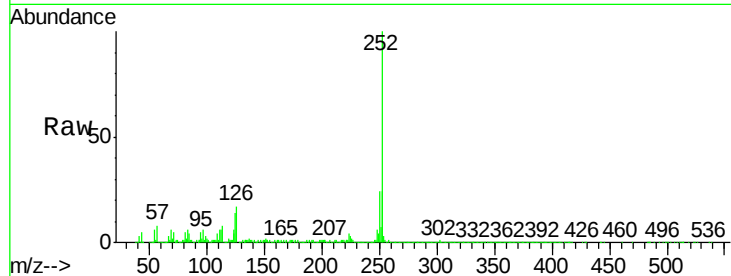
Tgt Ion:252 Resp: 3814845

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

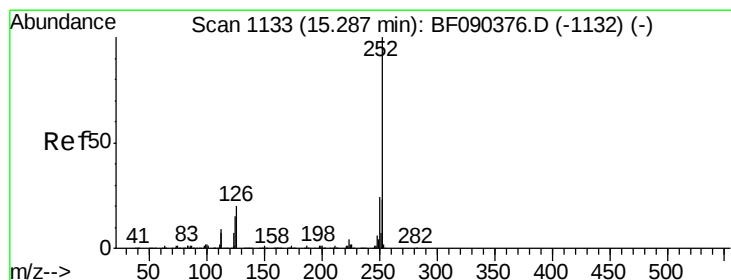
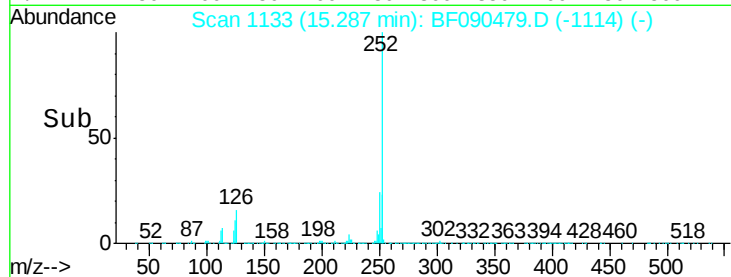
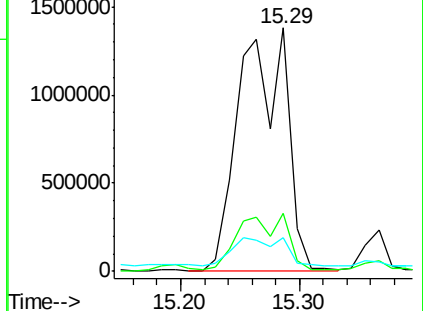
125 13.9 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 143.71 ng

RT: 15.29 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

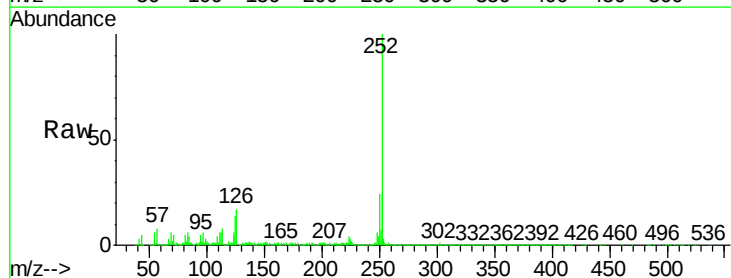
Tgt Ion:252 Resp: 3814845

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

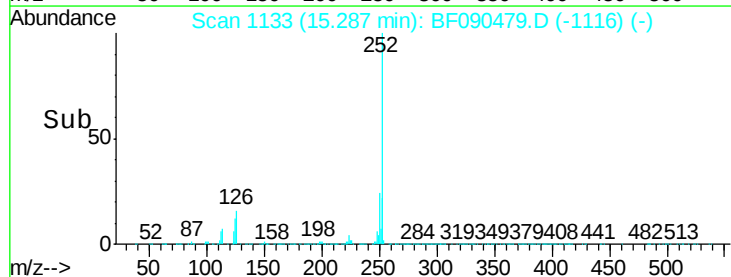
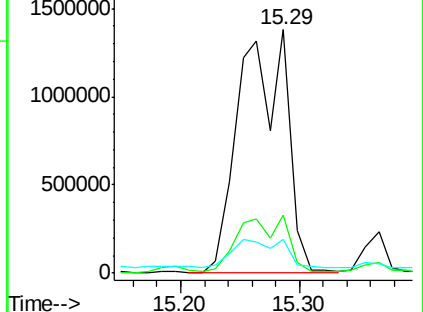
125 13.9 11.7 17.5

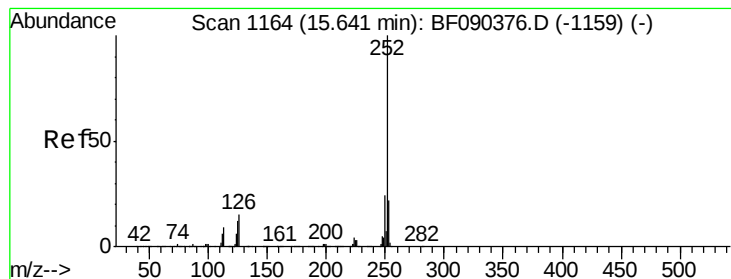


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 82.33 ng

RT: 15.64 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MS

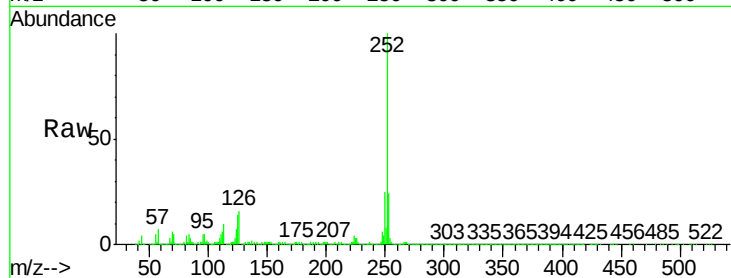
Tgt Ion:252 Resp: 2005355

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

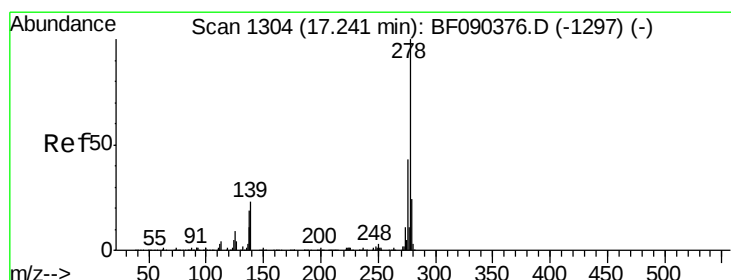
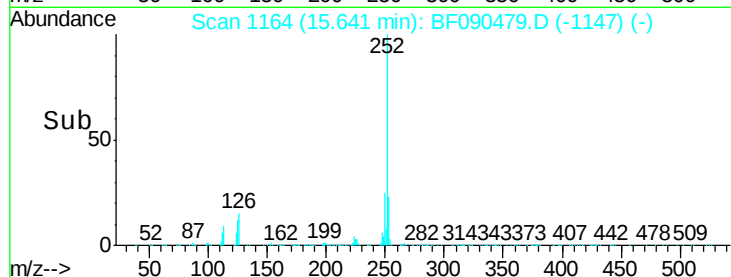
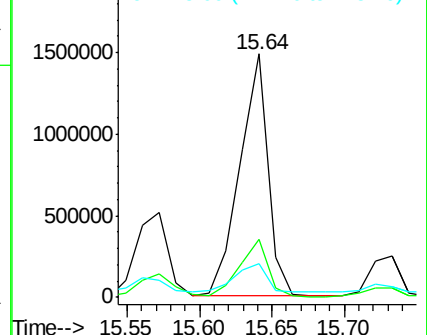
125 13.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.97 ng

RT: 17.24 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF090479.D

Acq: 8 Oct 2016 10:34

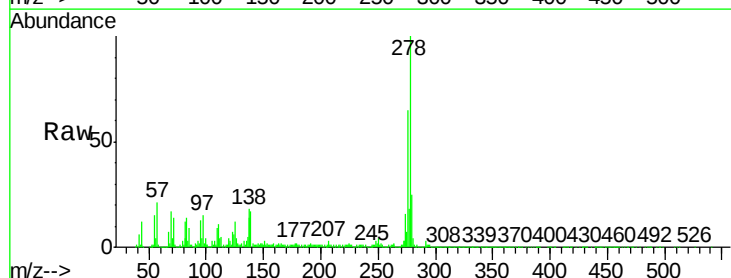
Tgt Ion:278 Resp: 766046

Ion Ratio Lower Upper

278 100

139 17.4 12.8 19.2

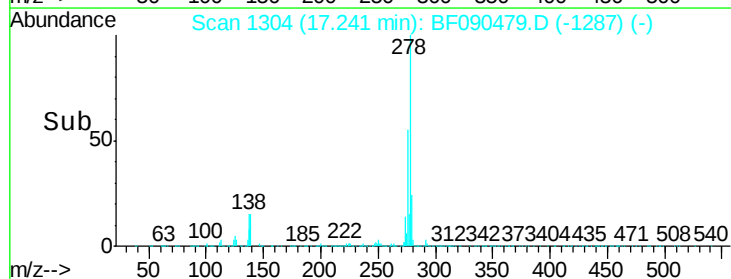
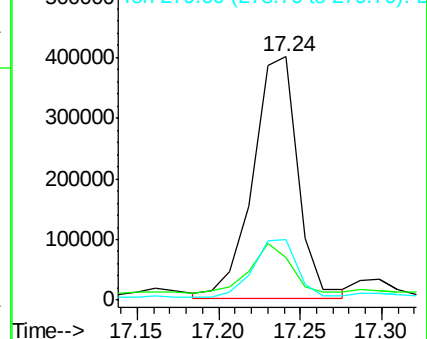
279 24.8 19.6 29.4

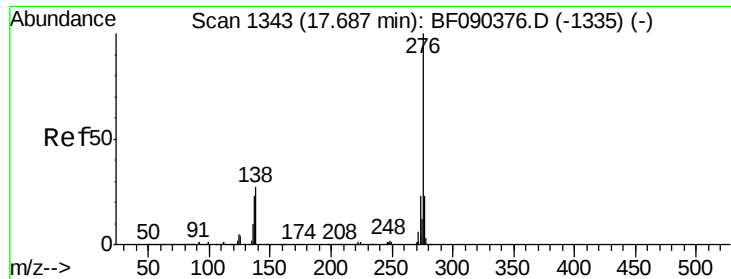


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 55.70 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF090479.D
 Acq: 8 Oct 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MS

Tgt Ion:276 Resp: 1107604
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.4 29.0
 138 26.4 20.8 31.2

