

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090571.D
 Acq On : 14 Oct 2016 15:38
 Operator : UM/SJ
 Sample : H5192-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

Quant Time: Oct 14 16:35:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.920	152	211988	20.00	ng	0.00	
21) Naphthalene-d8	8.212	136	885519	20.00	ng	0.00	
38) Acenaphthene-d10	9.960	164	480543	20.00	ng	-0.01	
63) Phenanthrene-d10	11.458	188	822952	20.00	ng	0.00	
75) Chrysene-d12	14.098	240	702854	20.00	ng	0.00	
86) Perylene-d12	15.561	264	447133	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	1584167	137.00	ng	0.01	
7) Phenol-d6	6.566	99	2216311	128.99	ng	0.01	
23) Nitrobenzene-d5	7.492	82	1378646	86.48	ng	0.00	
41) 2,4,6-Tribromophenol	10.760	330	650241	151.78	ng	0.00	
44) 2-Fluorobiphenyl	9.286	172	2433089	83.43	ng	0.00	
78) Terphenyl-d14	13.046	244	2640031	87.46	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	210270	31.91	ng	#	82
3) Pyridine	3.377	79	566833	38.37	ng		89
4) n-Nitrosodimethylamine	3.331	42	208363	40.69	ng		79
6) Aniline	6.589	93	401416	19.33	ng		91
8) 2-Chlorophenol	6.703	128	643975	42.95	ng		96
9) Benzaldehyde	6.463	77	138350	14.29	ng		99
10) Phenol	6.577	94	891124	45.35	ng		88
11) bis(2-Chloroethyl)ether	6.657	93	679775	41.93	ng		94
12) 1,3-Dichlorobenzene	6.863	146	633435	42.36	ng		95
13) 1,4-Dichlorobenzene	6.932	146	670865	41.25	ng		95
14) 1,2-Dichlorobenzene	7.092	146	674750	44.38	ng		97
15) Benzyl Alcohol	7.069	79	518299	44.29	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.194	45	779870	34.18	ng		90
17) 2-Methylphenol	7.183	107	539120	46.14	ng		95
18) Hexachloroethane	7.434	117	253406	39.43	ng	#	87
19) n-Nitroso-di-n-propyla...	7.343	70	510821	43.36	ng	#	82
20) 3+4-Methylphenols	7.332	107	639725	45.16	ng		94
22) Acetophenone	7.332	105	898476	45.93	ng	#	90
24) Nitrobenzene	7.503	77	655257	40.05	ng		91
25) Isophorone	7.743	82	1324906	45.67	ng		95
26) 2-Nitrophenol	7.823	139	368406	49.64	ng	#	85
27) 2,4-Dimethylphenol	7.869	122	597916	48.55	ng		96
28) bis(2-Chloroethoxy)met...	7.960	93	831290	48.52	ng		99
29) 2,4-Dichlorophenol	8.063	162	522512	48.44	ng		92
30) 1,2,4-Trichlorobenzene	8.154	180	562269	44.50	ng		98
31) Naphthalene	8.235	128	1910412	42.35	ng		99
32) Benzoic acid	7.949	122	83312	11.01	ng	#	77
33) 4-Chloroaniline	8.292	127	166079	9.63	ng		92
34) Hexachlorobutadiene	8.349	225	330437	46.81	ng		98
35) Caprolactam	8.703	113	81172	26.96	ng		88
36) 4-Chloro-3-methylphenol	8.772	107	591789	47.54	ng	#	81
37) 2-Methylnaphthalene	8.920	142	1205762	45.51	ng		98
39) 1,2,4,5-Tetrachloroben...	9.092	216	593460	46.58	ng		98

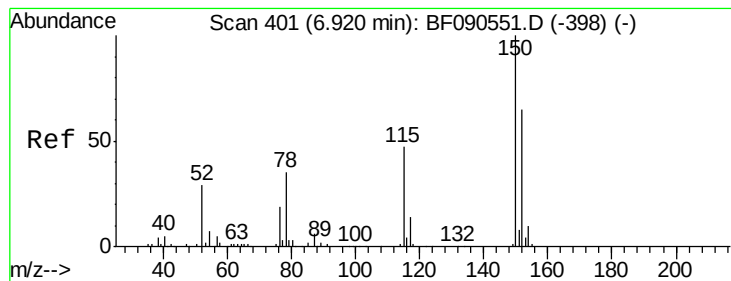
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	9.080	237	561226	90.17	ng	99
42) 2,4,6-Trichlorophenol	9.206	196	382520	53.22	ng	99
43) 2,4,5-Trichlorophenol	9.252	196	402998	47.01	ng #	82
45) 1,1'-Biphenyl	9.389	154	1607206	43.95	ng	98
46) 2-Chloronaphthalene	9.412	162	1222840	44.85	ng	97
47) 2-Nitroaniline	9.515	65	385250	38.97	ng #	83
48) Acenaphthylene	9.823	152	1793586	41.31	ng	100
49) Dimethylphthalate	9.697	163	2174180	69.73	ng #	99
50) 2,6-Dinitrotoluene	9.755	165	330724	48.48	ng	90
51) Acenaphthene	10.006	154	1191222	41.28	ng	99
52) 3-Nitroaniline	9.926	138	169751	19.83	ng	96
53) 2,4-Dinitrophenol	10.029	184	151747	43.74	ng #	74
54) Dibenzofuran	10.178	168	1700205	44.79	ng	97
55) 4-Nitrophenol	10.098	139	494367	95.95	ng #	74
56) 2,4-Dinitrotoluene	10.155	165	416440	44.94	ng	96
57) Fluorene	10.520	166	1365458	43.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.292	232	356698	49.95	ng #	91
59) Diethylphthalate	10.395	149	1462577	46.25	ng #	93
60) 4-Chlorophenyl-phenyle...	10.509	204	680063	46.07	ng	97
61) 4-Nitroaniline	10.555	138	321338	37.43	ng	87
62) Azobenzene	10.669	77	1538858	42.07	ng	95
64) 4,6-Dinitro-2-methylph...	10.566	198	187723	37.69	ng	97
65) n-Nitrosodiphenylamine	10.635	169	1174448	43.20	ng	100
66) 4-Bromophenyl-phenylether	11.000	248	423855	48.00	ng	99
67) Hexachlorobenzene	11.069	284	434492	45.32	ng #	62
68) Atrazine	11.161	200	387599	51.55	ng	93
69) Pentachlorophenol	11.263	266	524382	110.36	ng	98
70) Phenanthrene	11.481	178	1964127	44.71	ng	99
71) Anthracene	11.538	178	1989139	42.07	ng	99
72) Carbazole	11.686	167	1830964	43.26	ng	100
73) Di-n-butylphthalate	12.018	149	2222356	44.82	ng	99
74) Fluoranthene	12.669	202	1991818	45.08	ng	99
76) Benzidine	12.795	184	665122	38.03	ng	97
77) Pyrene	12.898	202	1989494	42.74	ng	99
79) Butylbenzylphthalate	13.515	149	913486	44.29	ng	95
80) Benzo(a)anthracene	14.086	228	1690933	42.26	ng	100
81) 3,3'-Dichlorobenzidine	14.052	252	355788	26.03	ng	99
82) Chrysene	14.121	228	1532270	39.75	ng	100
83) Bis(2-ethylhexyl)phtha...	14.075	149	1266694	45.52	ng	99
84) Di-n-octyl phthalate	14.692	149	1967809	52.75	ng #	96
85) Indeno(1,2,3-cd)pyrene	17.013	276	1170189	52.50	ng	97
87) Benzo(b)fluoranthene	15.138	252	1322497	45.20	ng #	94
88) Benzo(k)fluoranthene	15.138	252	1322497	42.01	ng #	97
89) Benzo(a)pyrene	15.504	252	1160269	43.32	ng #	94
90) Dibenzo(a,h)anthracene	17.035	278	989766	48.45	ng	96
91) Benzo(g,h,i)perylene	17.458	276	931665	47.83	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.920 min Scan# 40

Delta R.T. -0.000 min

Lab File: BF090571.D

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Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

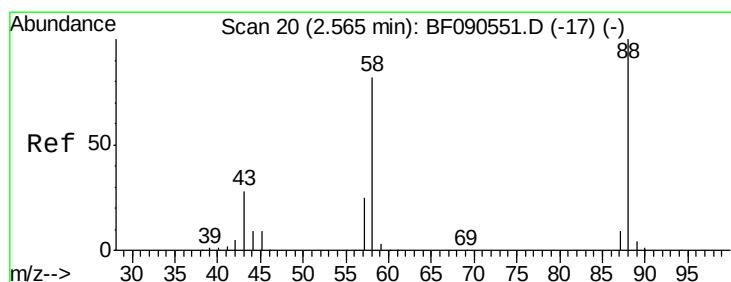
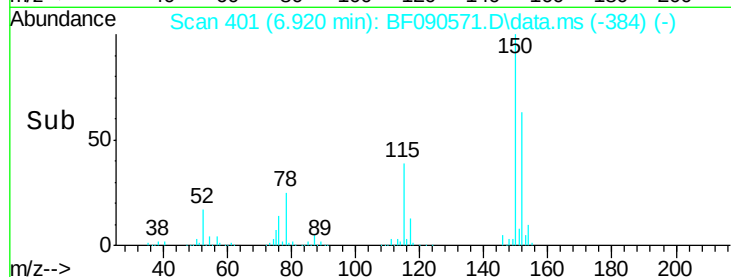
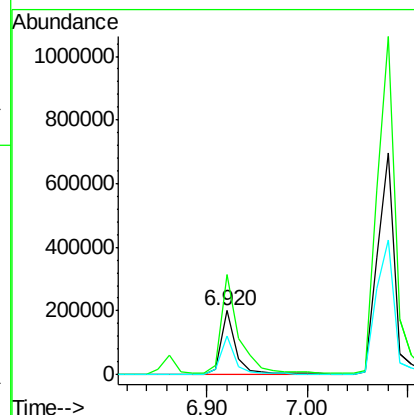
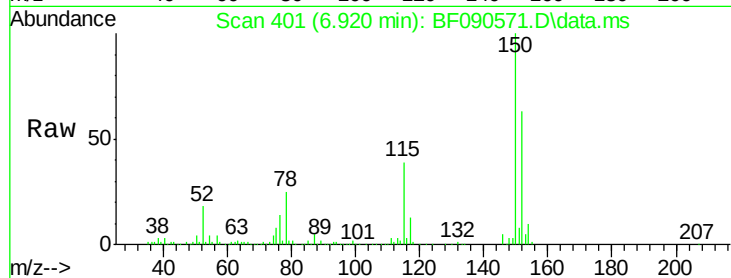
Tot Ion:152 Resp: 211988

Ion Ratio Lower Upper

152 100

150 158.0 127.2 190.8

115 60.9 58.6 88.0



#2

1,4-Dioxane

Concen: 31.91 ng

RT: 2.634 min Scan# 26

Delta R.T. 0.068 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

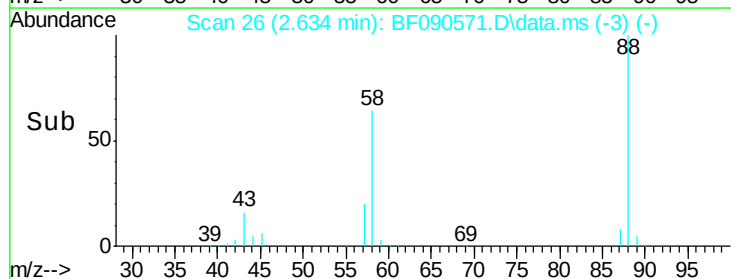
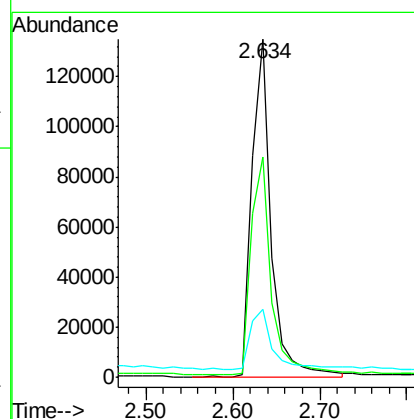
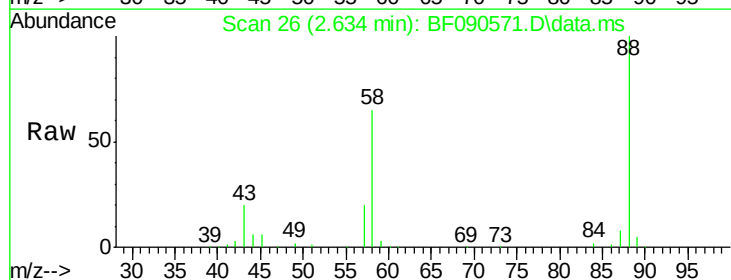
Tgt Ion: 88 Resp: 210270

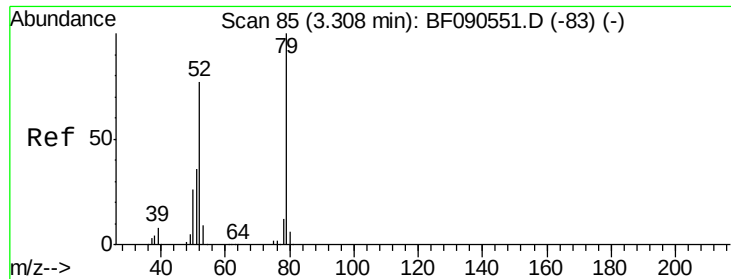
Ion Ratio Lower Upper

88 100

58 67.4 67.2 100.8

43 21.0 24.1 36.1#

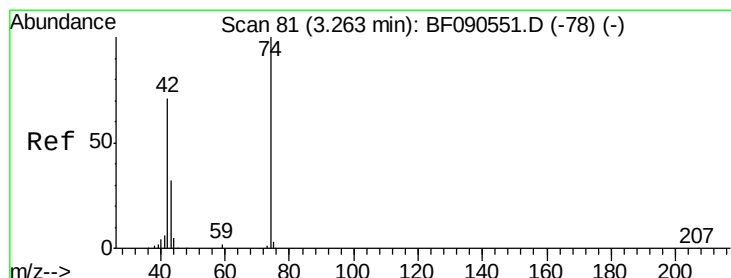
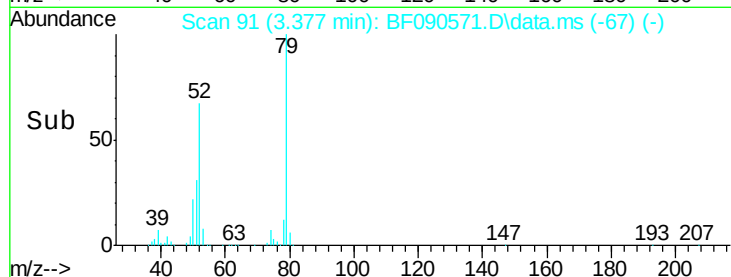
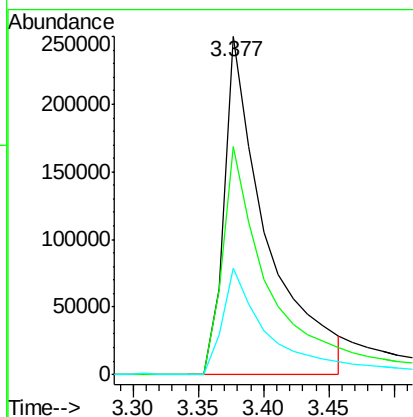
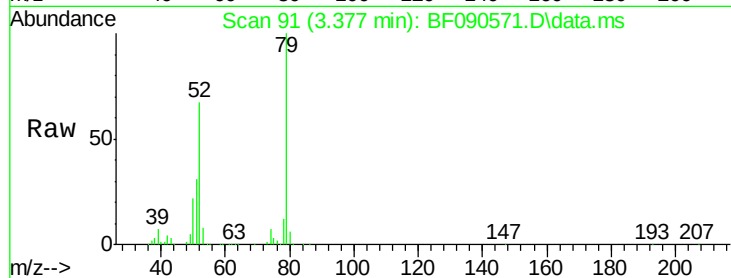




#3
 Pvridine
 Concen: 38.37 ng
 RT: 3.377 min Scan# 91
 Delta R.T. 0.069 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

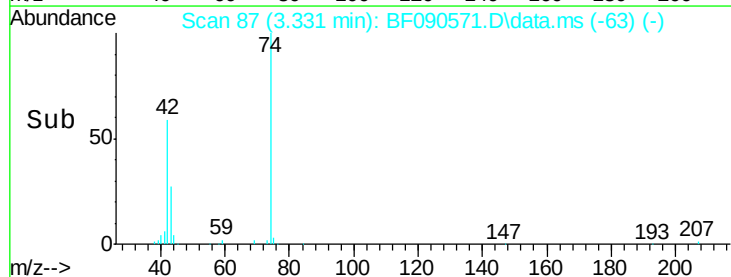
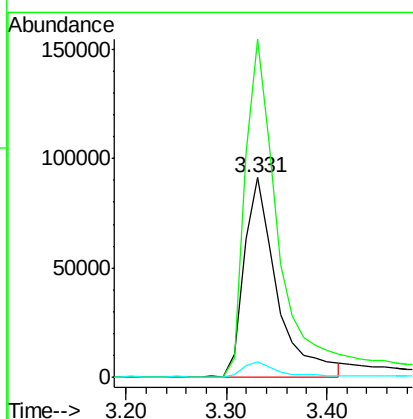
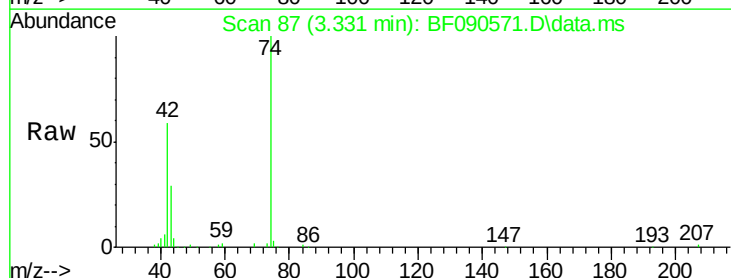
Instrument :
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 MJSB-18(6-8)MSD

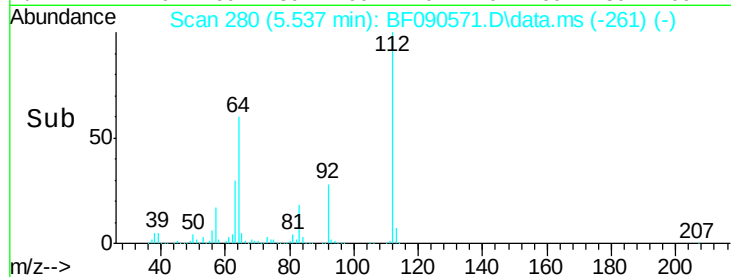
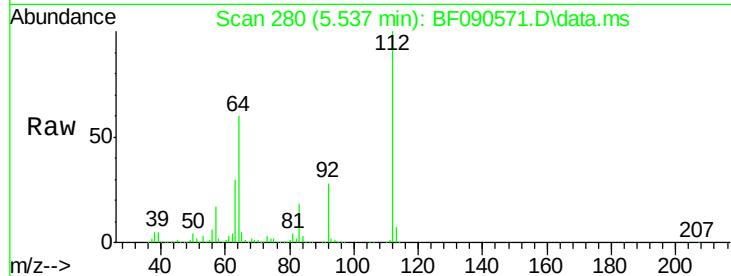
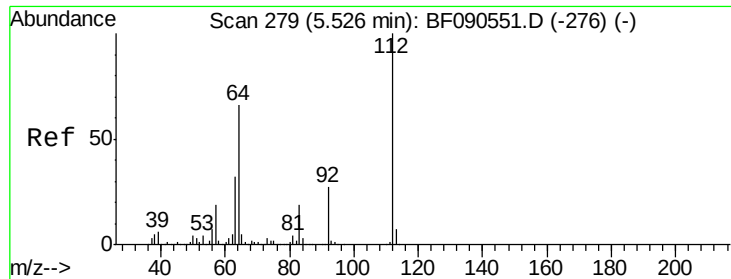
Tot Ion: 79 Resp: 566833
 Ion Ratio Lower Upper
 79 100
 52 67.4 61.8 92.8
 51 31.4 29.2 43.8



#4
 n-Nitrosodimethylamine
 Concen: 40.69 ng
 RT: 3.331 min Scan# 87
 Delta R.T. 0.069 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion: 42 Resp: 208363
 Ion Ratio Lower Upper
 42 100
 74 169.2 113.3 169.9
 44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 137.00 ng

RT: 5.537 min Scan# 28

Delta R.T. 0.012 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

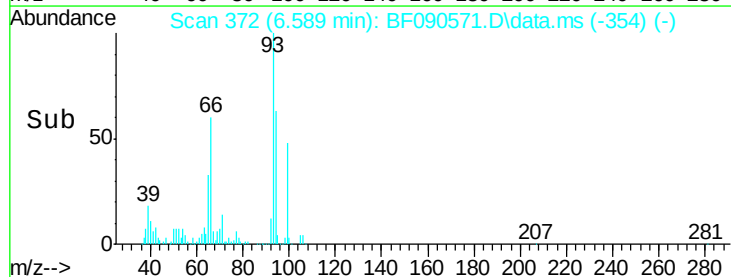
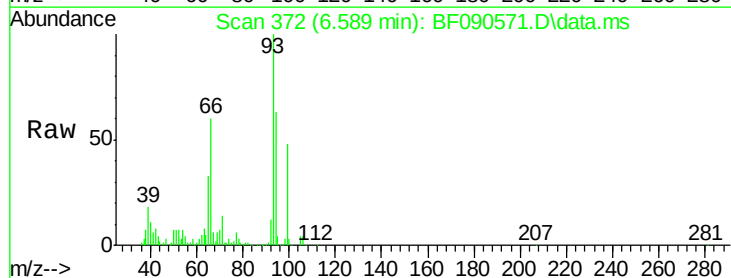
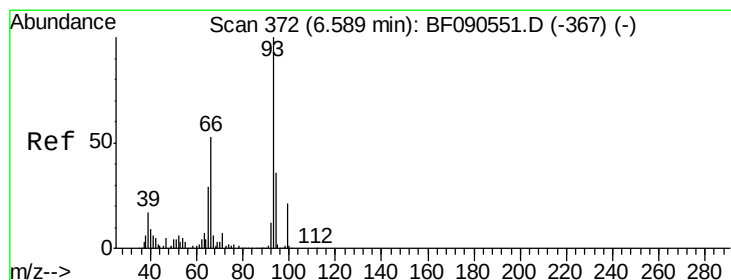
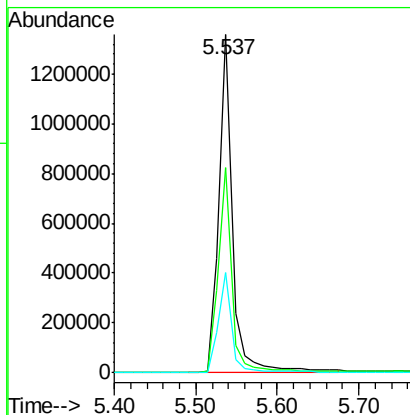
Tot Ion:112 Resp: 1584167

Ion Ratio Lower Upper

112 100

64 60.5 52.6 78.8

63 29.7 26.0 39.0



#6

Aniline

Concen: 19.33 ng

RT: 6.589 min Scan# 372

Delta R.T. 0.001 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

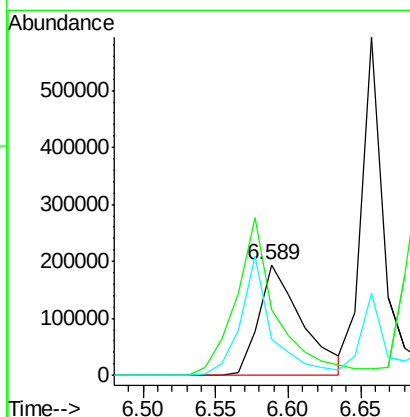
Tgt Ion: 93 Resp: 401416

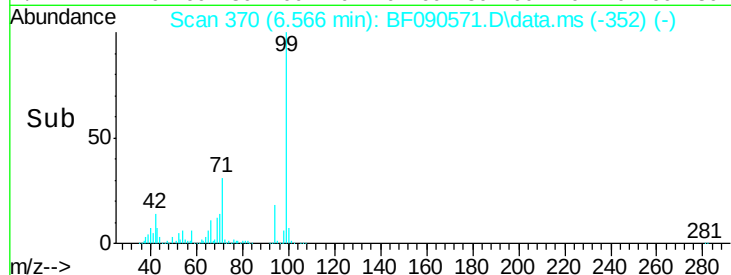
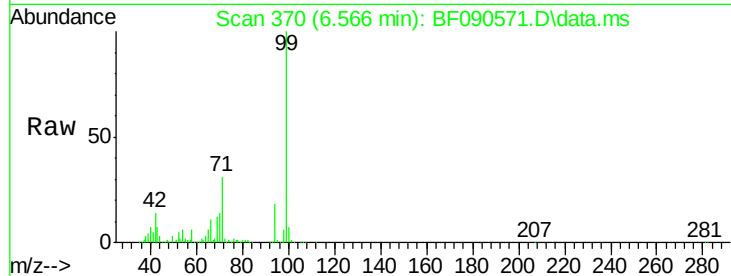
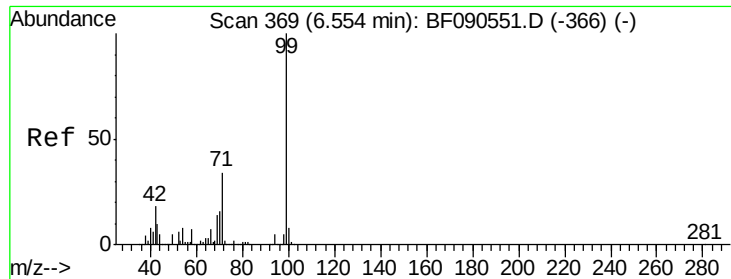
Ion Ratio Lower Upper

93 100

66 59.6 42.2 63.2

65 32.6 22.9 34.3





#7

Phenol-d6

Concen: 128.99 ng

RT: 6.566 min Scan# 370

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

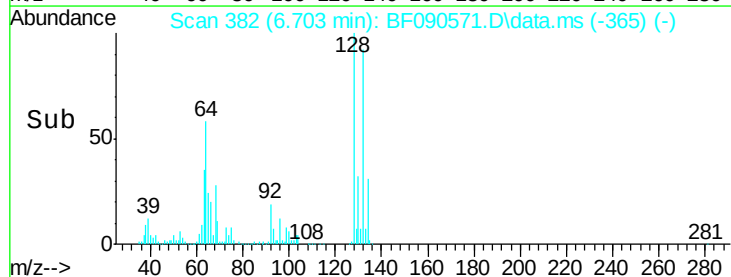
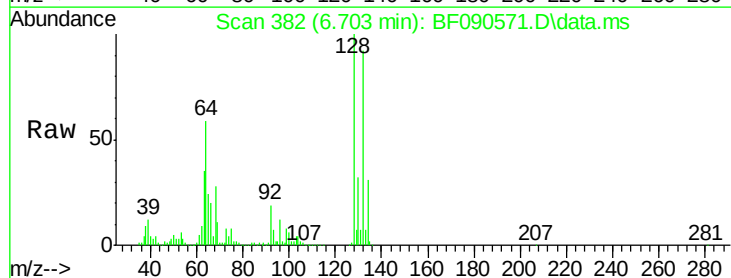
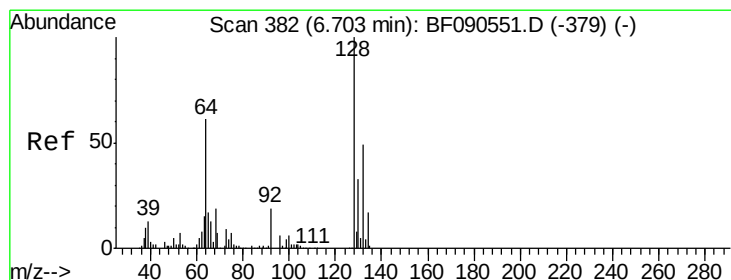
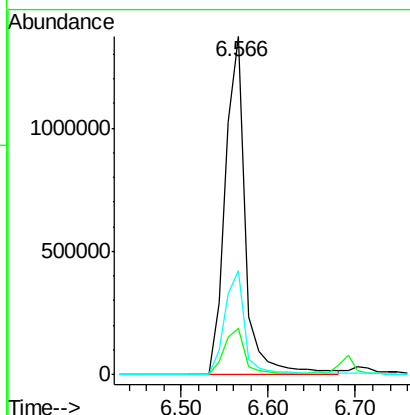
BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

Tot Ion: 99 Resp: 2216311

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.7	22.1#
71	30.7	27.6	41.4



#8

2-Chlorophenol

Concen: 42.95 ng

RT: 6.703 min Scan# 382

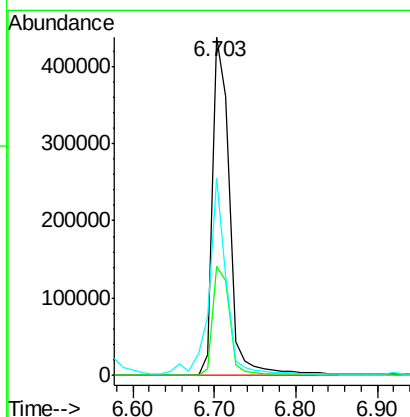
Delta R.T. -0.000 min

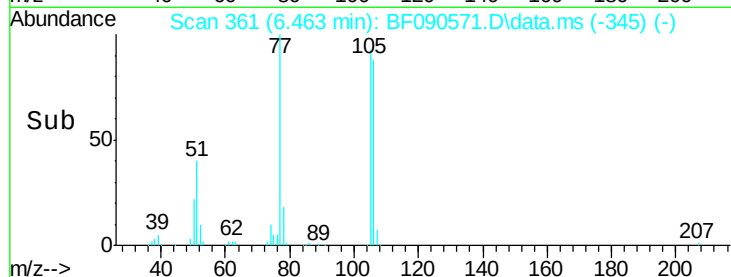
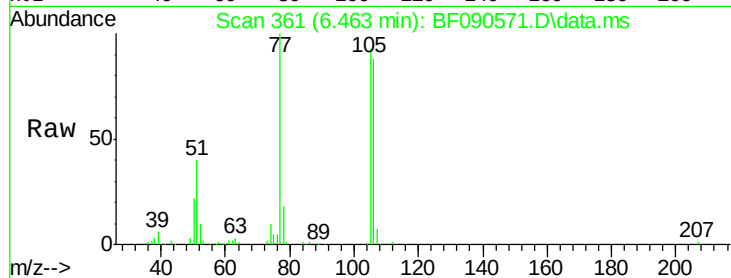
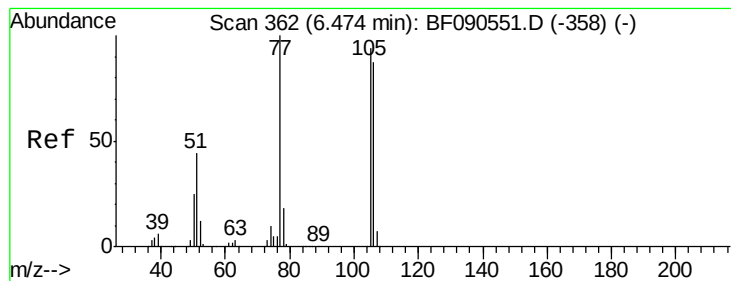
Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Tgt Ion: 128 Resp: 643975

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	58.5	42.6	82.6





#9

Benzaldehyde

Concen: 14.29 ng

RT: 6.463 min Scan# 361

Delta R.T. -0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

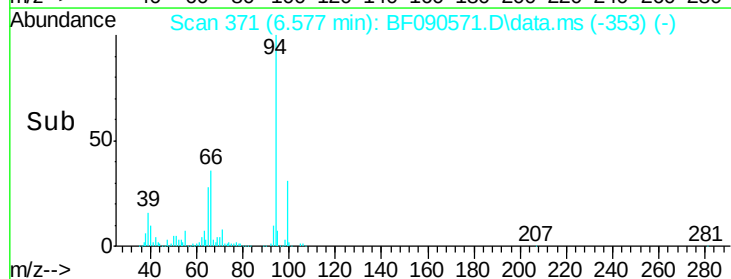
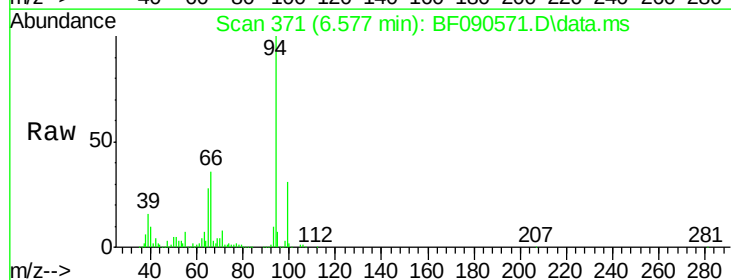
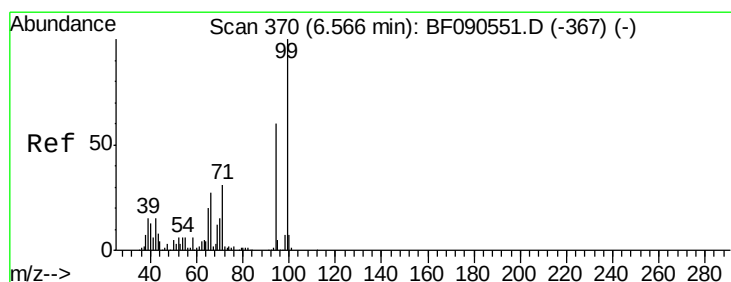
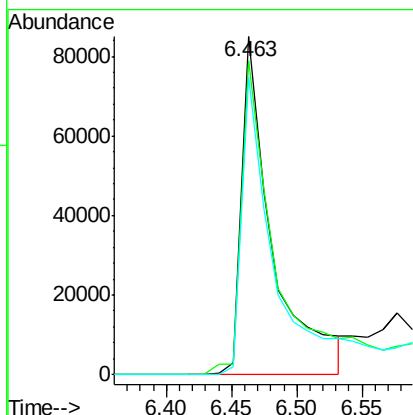
Tot Ion: 77 Resp: 138350

Ion Ratio Lower Upper

77 100

105 92.8 74.3 114.3

106 88.0 67.2 107.2



#10

Phenol

Concen: 45.35 ng

RT: 6.577 min Scan# 371

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

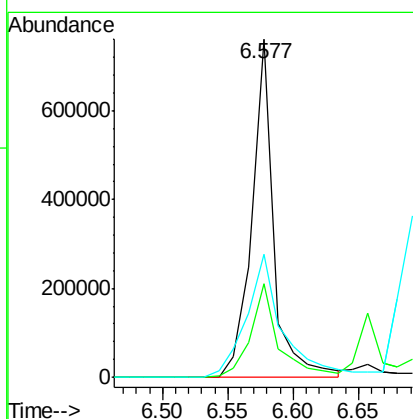
Tgt Ion: 94 Resp: 891124

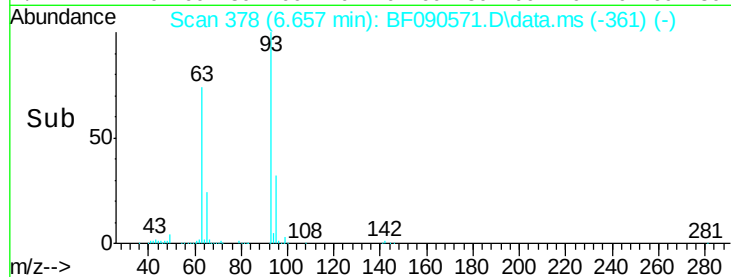
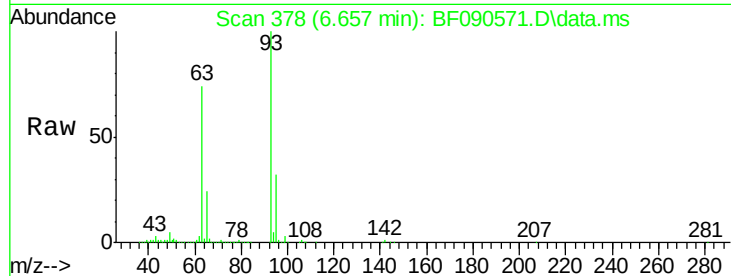
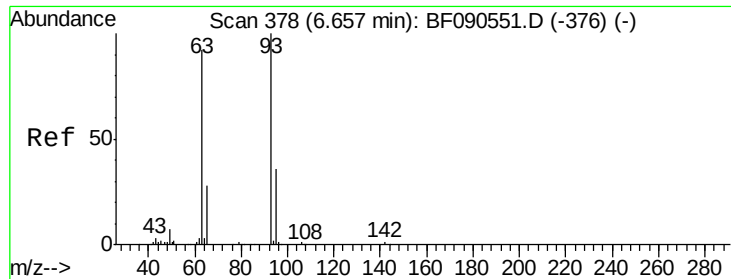
Ion Ratio Lower Upper

94 100

65 27.5 12.5 52.5

66 36.4 25.5 65.5

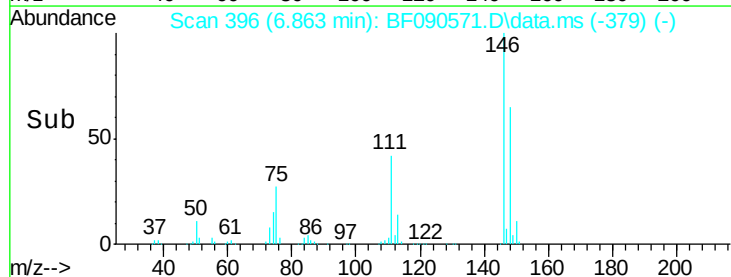
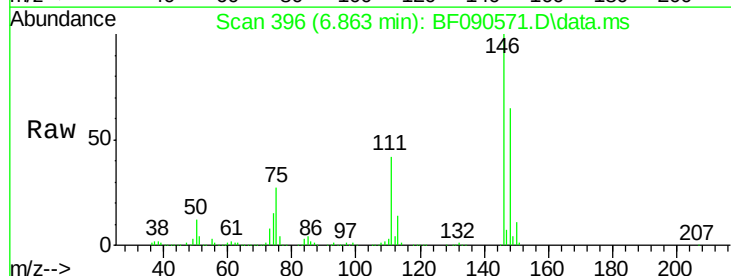
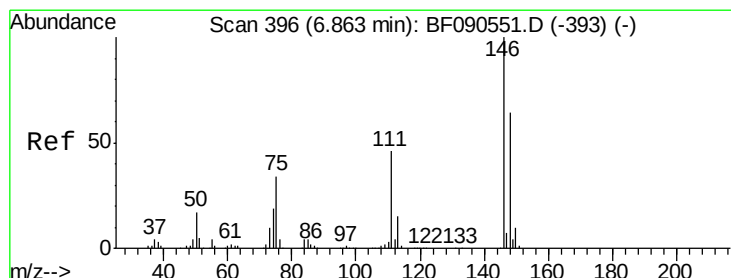
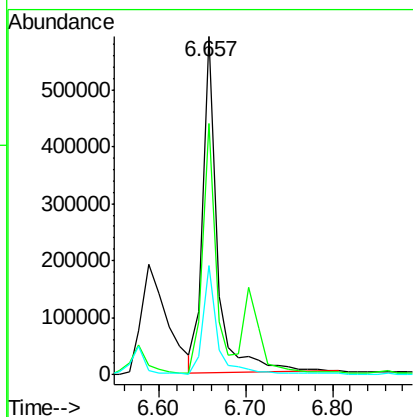




#11
bis(2-Chloroethyl)ether
Concen: 41.93 ng
RT: 6.657 min Scan# 378
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

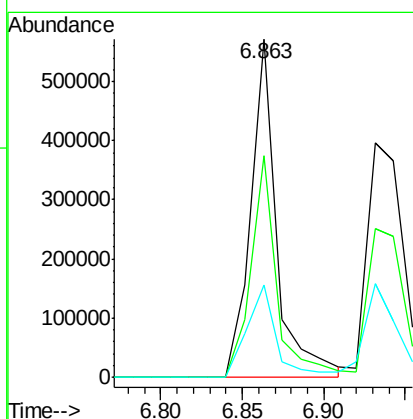
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

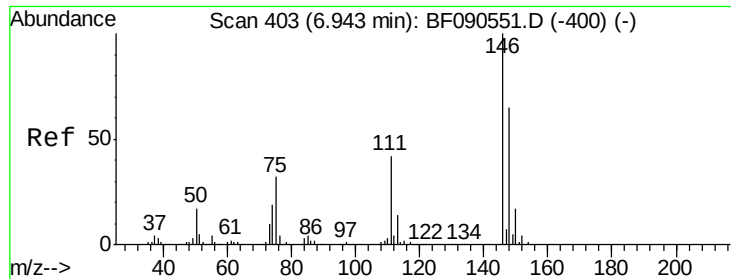
Tot Ion: 93 Resp: 679775
Ion Ratio Lower Upper
93 100
63 74.3 61.6 101.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.36 ng
RT: 6.863 min Scan# 396
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion: 146 Resp: 633435
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 27.2 27.0 40.6

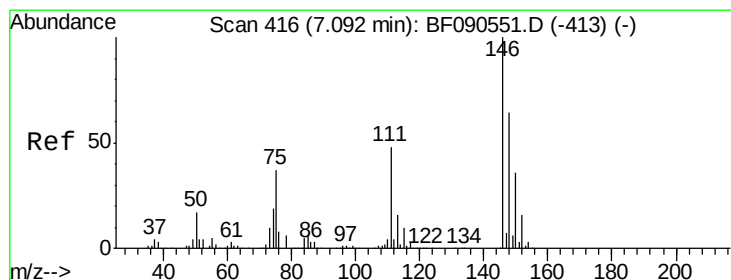
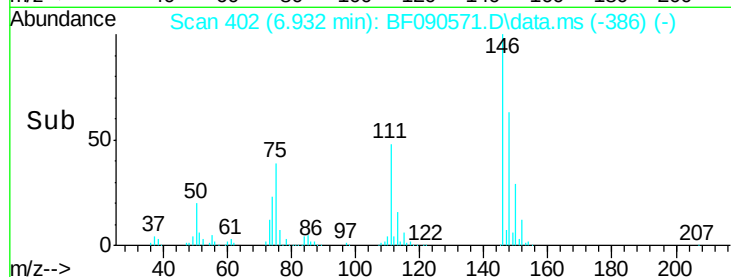
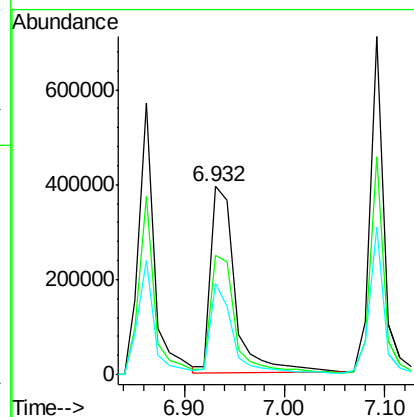
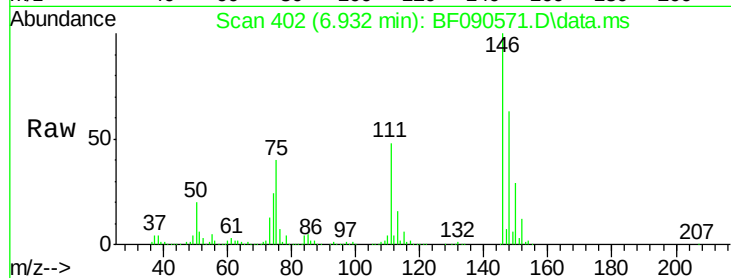




#13
 1,4-Dichlorobenzene
 Concen: 41.25 ng
 RT: 6.932 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

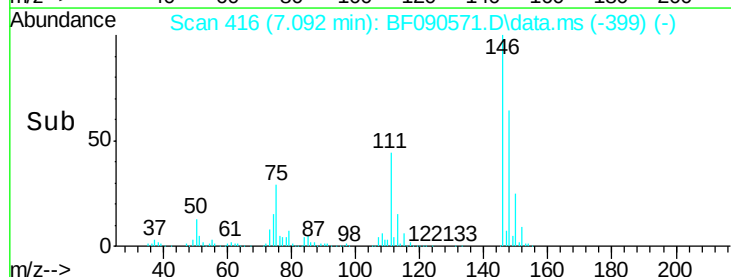
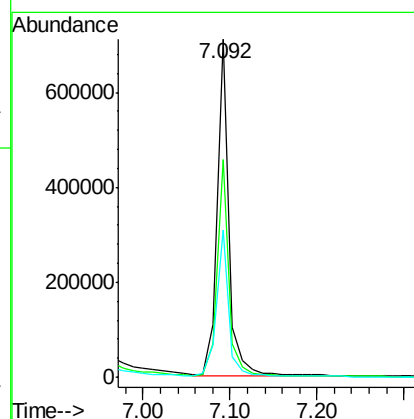
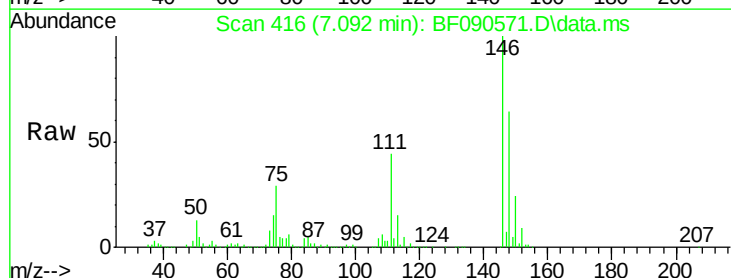
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

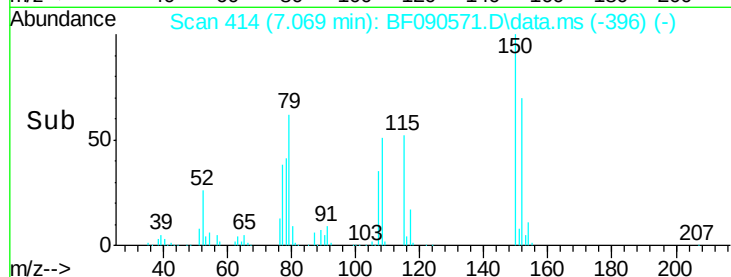
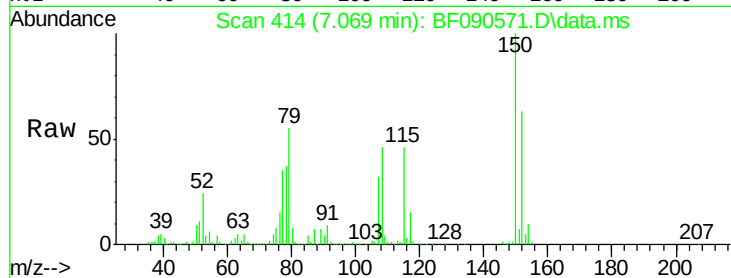
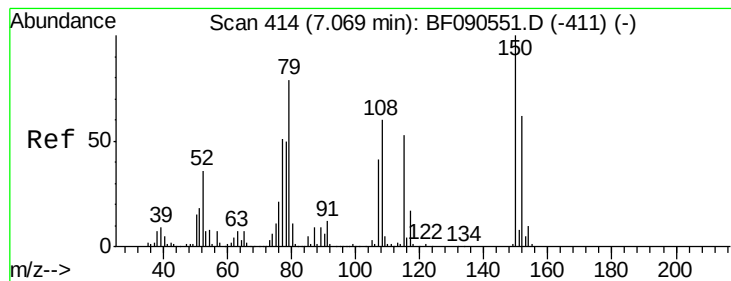
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	48.4	33.7	50.5



#14
 1,2-Dichlorobenzene
 Concen: 44.38 ng
 RT: 7.092 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	43.7	38.2	57.2





#15

Benzyl Alcohol

Concen: 44.29 ng

RT: 7.069 min Scan# 41

Delta R.T. 0.001 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

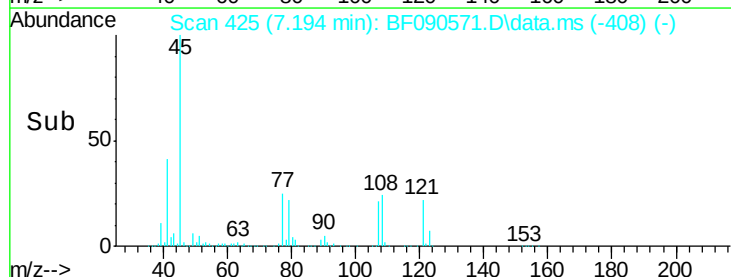
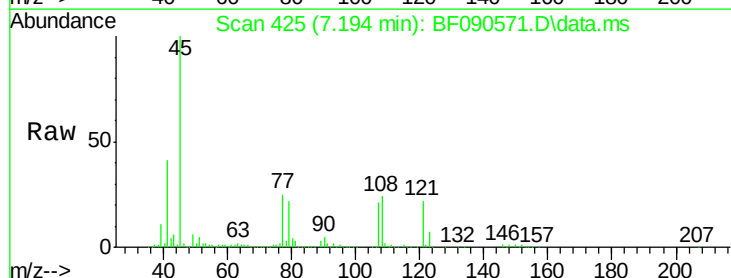
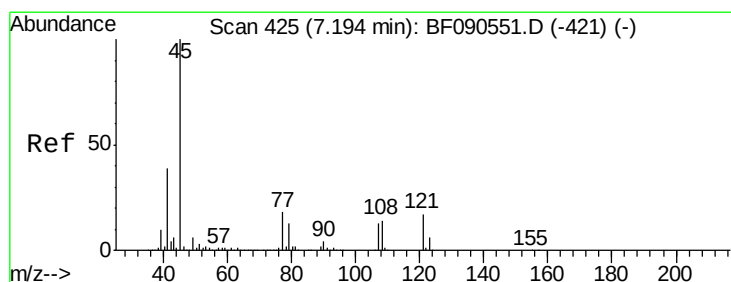
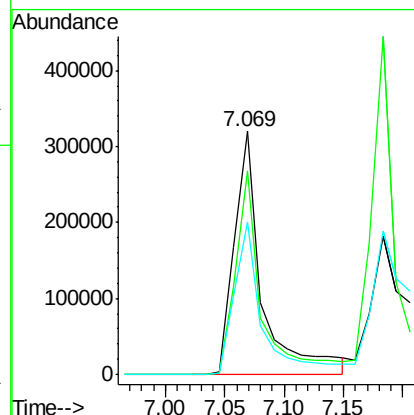
Tot Ion: 79 Resp: 518299

Ion Ratio Lower Upper

79 100

108 83.9 60.2 90.4

77 62.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.18 ng

RT: 7.194 min Scan# 425

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

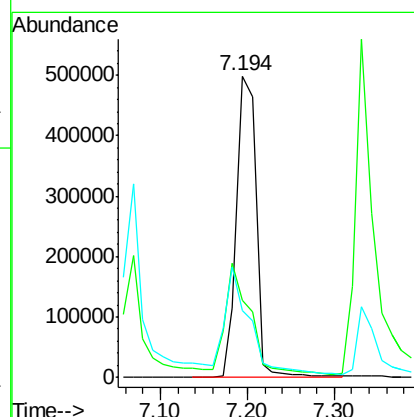
Tgt Ion: 45 Resp: 779870

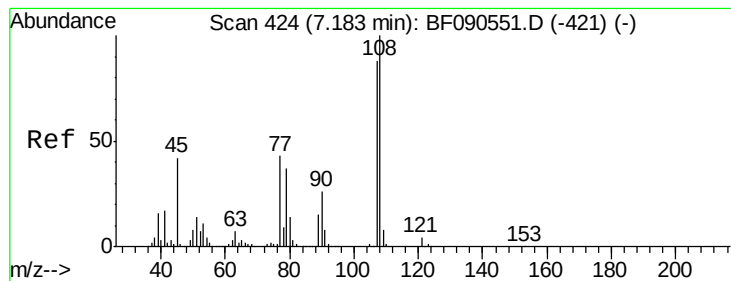
Ion Ratio Lower Upper

45 100

77 25.3 0.9 40.9

79 22.0 0.0 37.3





#17

2-Methylphenol

Concen: 46.14 ng

RT: 7.183 min Scan# 42

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

Tot Ion:107 Resp: 539120

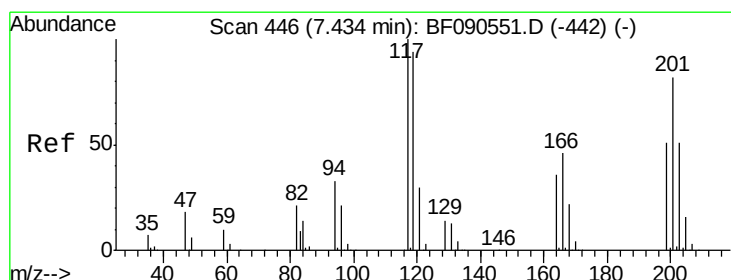
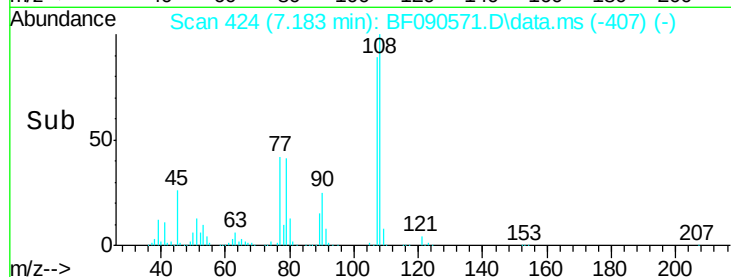
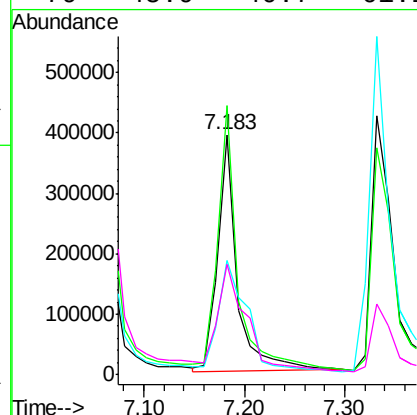
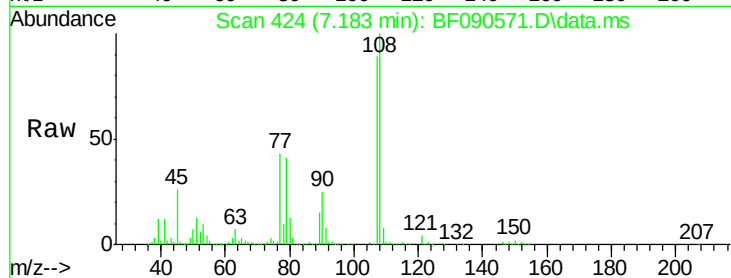
Ion Ratio Lower Upper

107 100

108 112.1 92.6 138.8

77 47.8 42.2 63.2

79 45.9 40.7 61.1



#18

Hexachloroethane

Concen: 39.43 ng

RT: 7.434 min Scan# 446

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

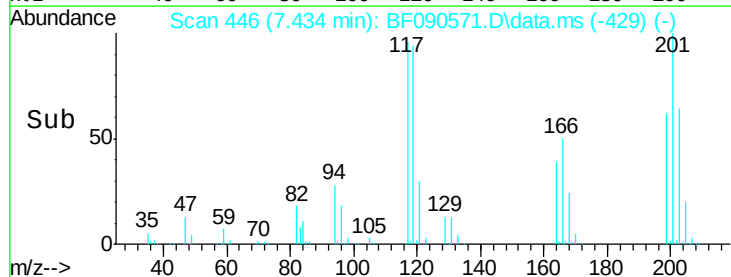
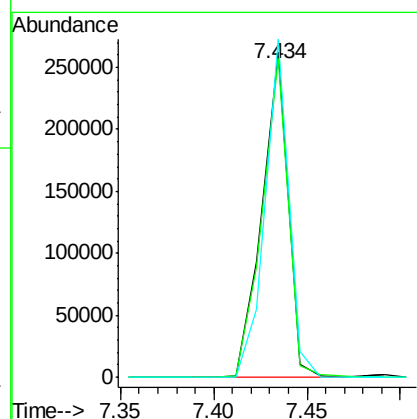
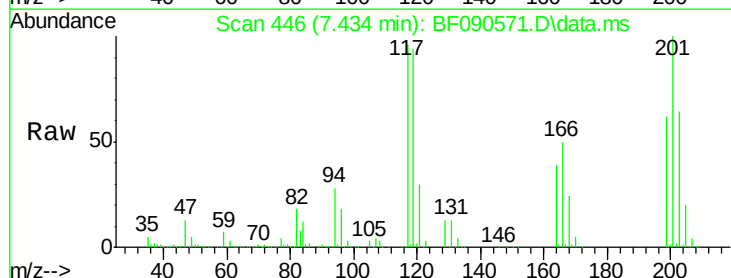
Tgt Ion:117 Resp: 253406

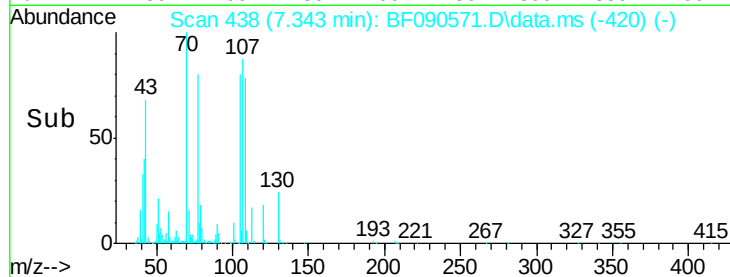
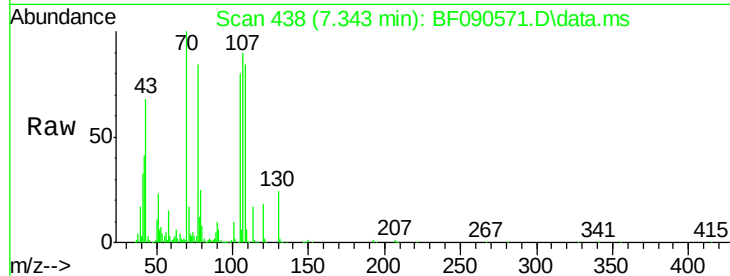
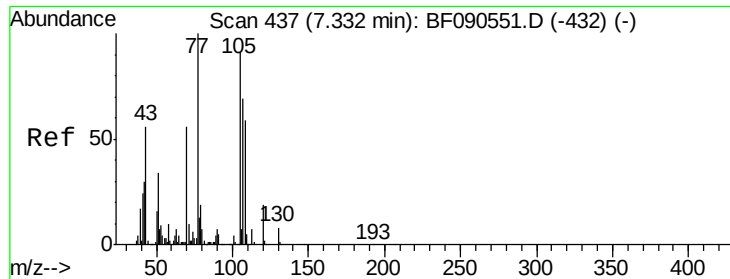
Ion Ratio Lower Upper

117 100

119 97.7 75.6 113.4

201 103.7 65.4 98.0#

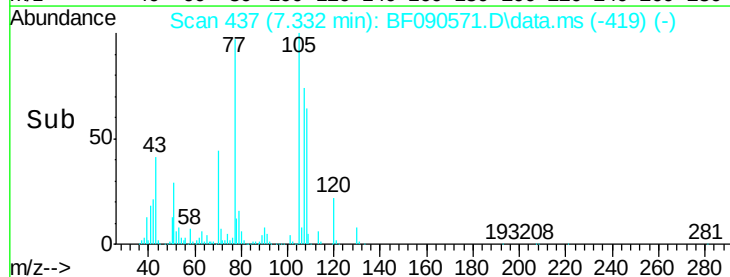
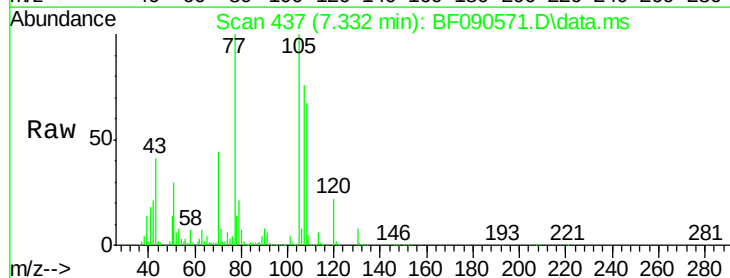
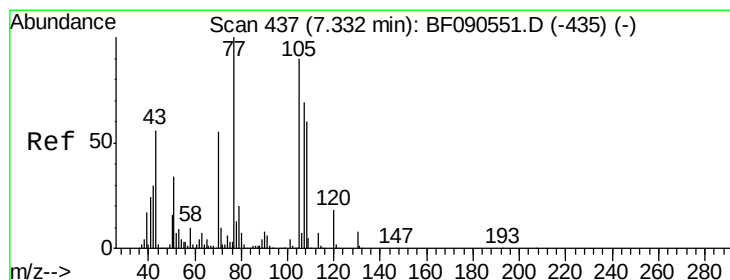
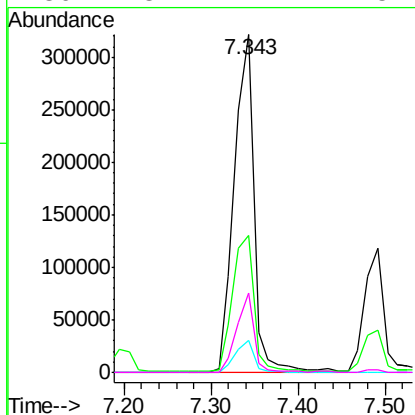




#19
n-Nitroso-di-n-propylamine
Concen: 43.36 ng
RT: 7.343 min Scan# 437
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

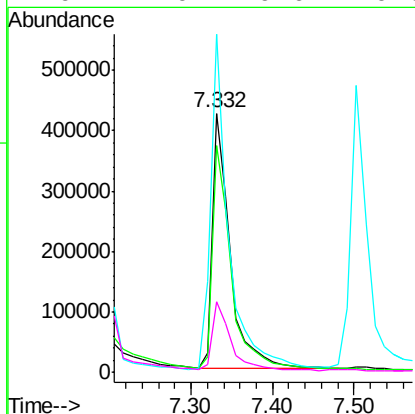
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

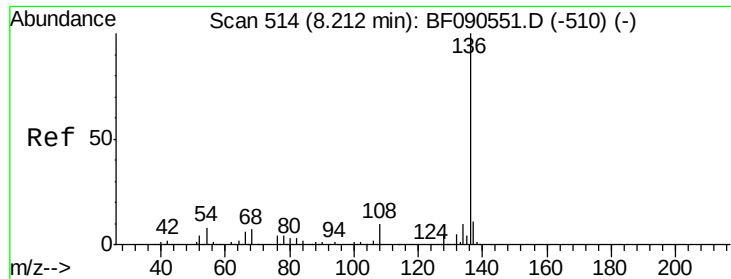
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.6	43.4	65.0#
101	9.7	6.4	9.6#
130	23.7	12.1	18.1#



#20
3+4-Methylphenols
Concen: 45.16 ng
RT: 7.332 min Scan# 437
Delta R.T. 0.001 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.7	107.7
77	130.5	123.1	163.1
79	27.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.212 min Scan# 51

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

Tot Ion:136 Resp: 885519

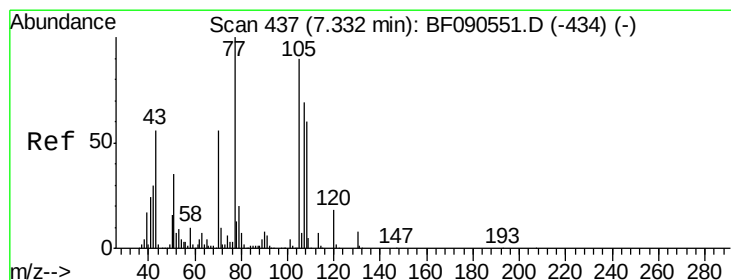
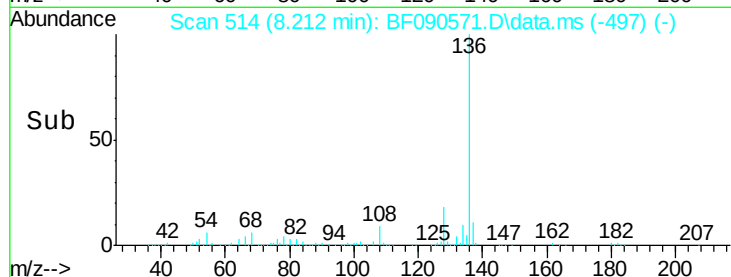
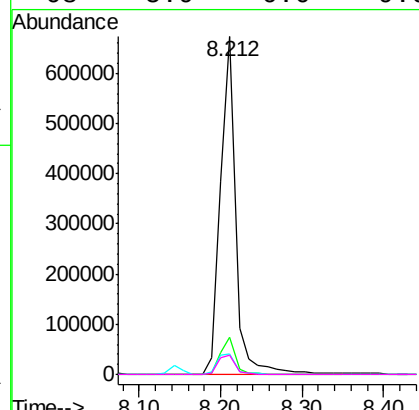
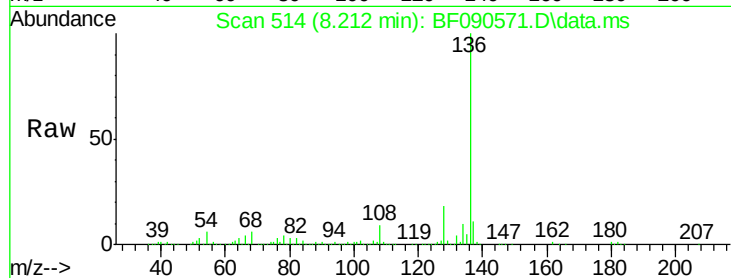
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.0 6.8 10.2#

68 5.9 6.0 9.0#



#22

Acetophenone

Concen: 45.93 ng

RT: 7.332 min Scan# 437

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Tgt Ion:105 Resp: 898476

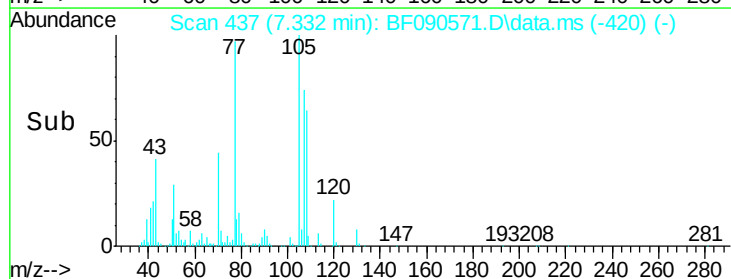
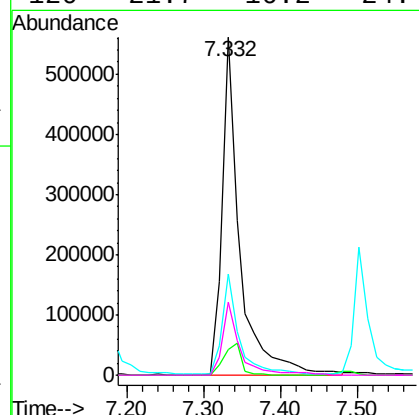
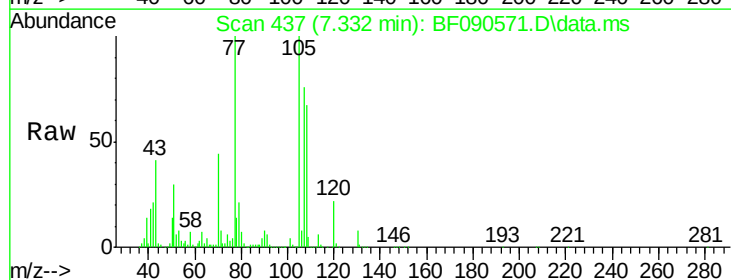
Ion Ratio Lower Upper

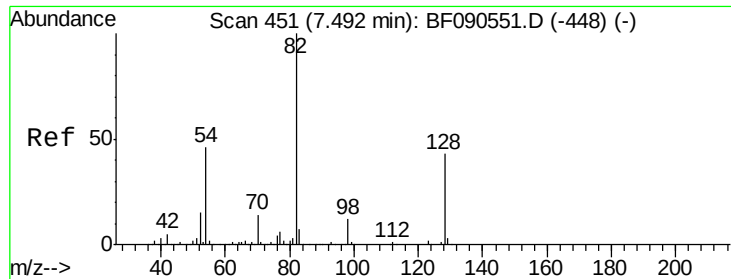
105 100

71 7.6 8.5 12.7#

51 30.0 31.0 46.4#

120 21.7 16.2 24.4

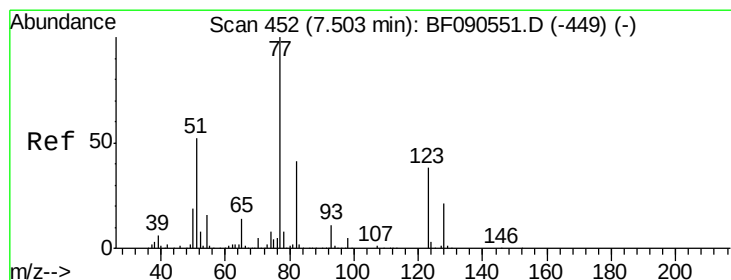
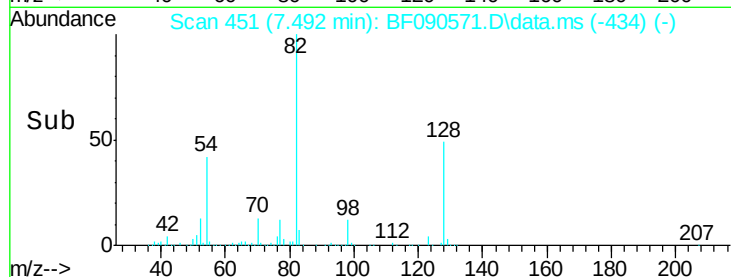
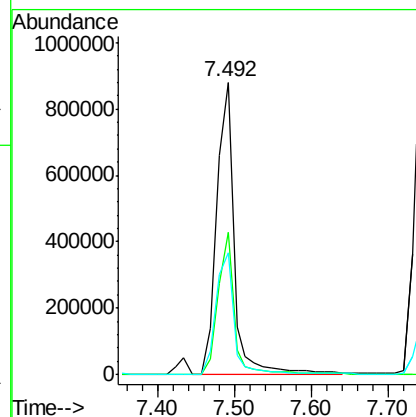
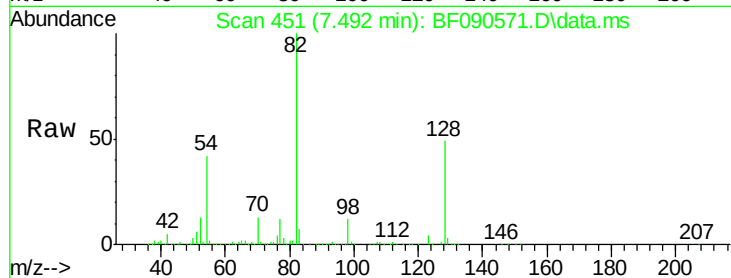




#23
 Nitrobenzene-d5
 Concen: 86.48 ng
 RT: 7.492 min Scan# 451
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

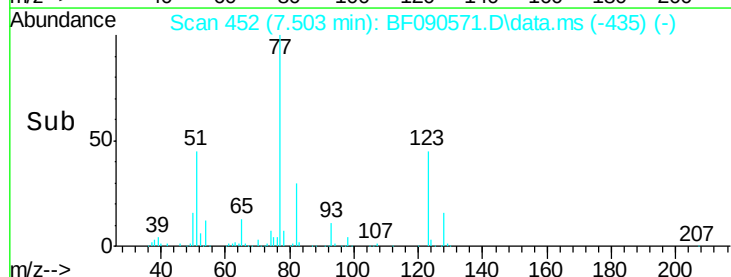
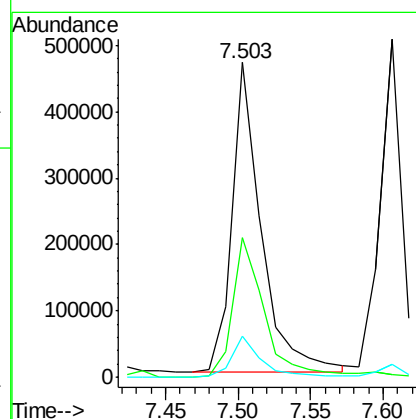
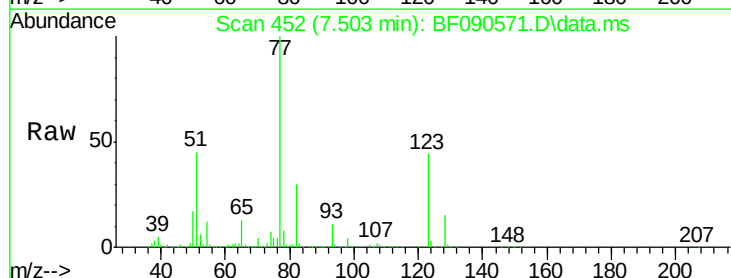
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

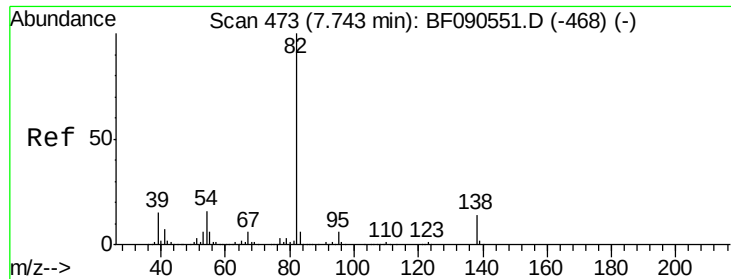
Tot Ion: 82 Resp: 1378646
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.3 51.5
 54 41.6 37.0 55.6



#24
 Nitrobenzene
 Concen: 40.05 ng
 RT: 7.503 min Scan# 452
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion: 77 Resp: 655257
 Ion Ratio Lower Upper
 77 100
 123 44.2 29.8 44.6
 65 13.1 10.9 16.3





#25

Isophorone

Concen: 45.67 ng

RT: 7.743 min Scan# 47

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

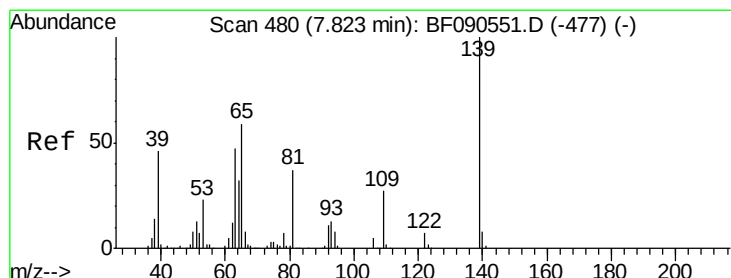
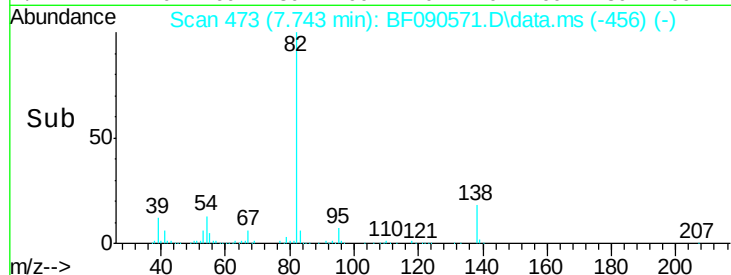
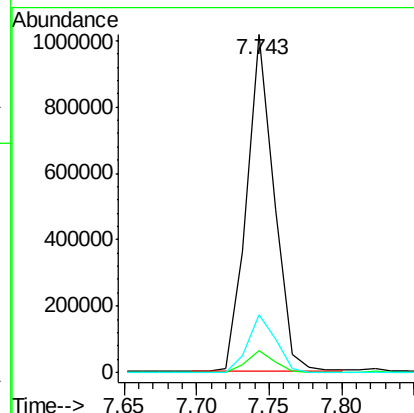
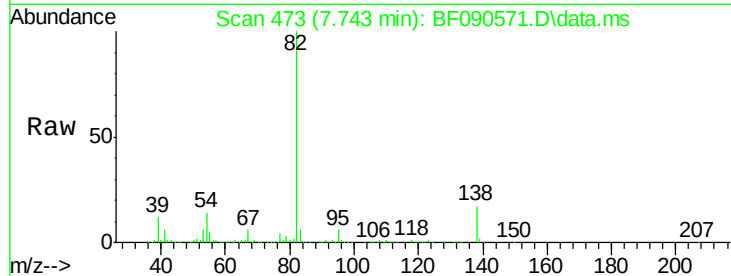
Tot Ion: 82 Resp: 1324906

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.6

138 17.2 11.5 17.3



#26

2-Nitrophenol

Concen: 49.64 ng

RT: 7.823 min Scan# 480

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

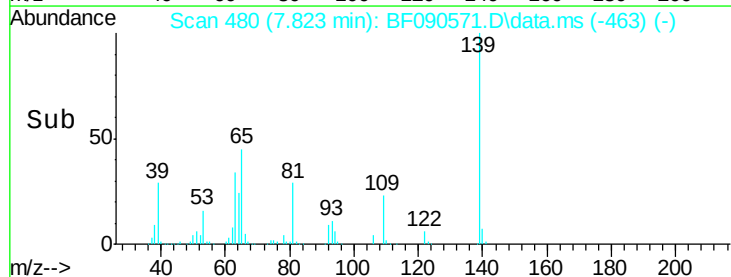
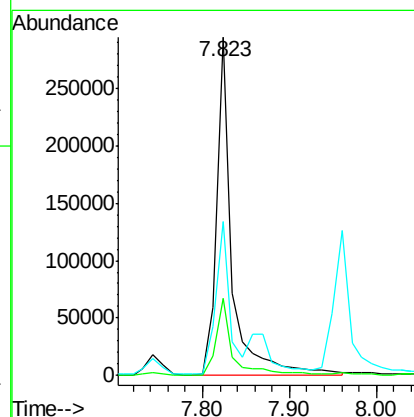
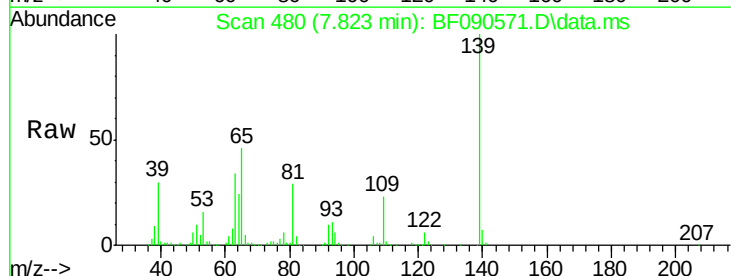
Tgt Ion: 139 Resp: 368406

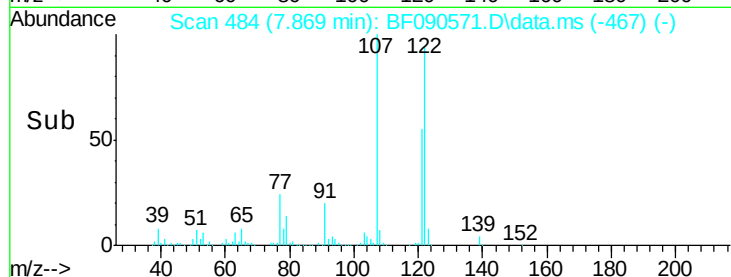
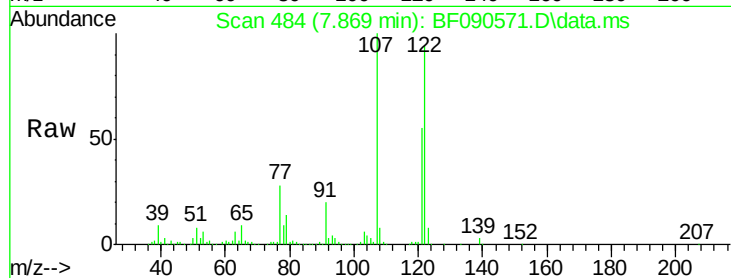
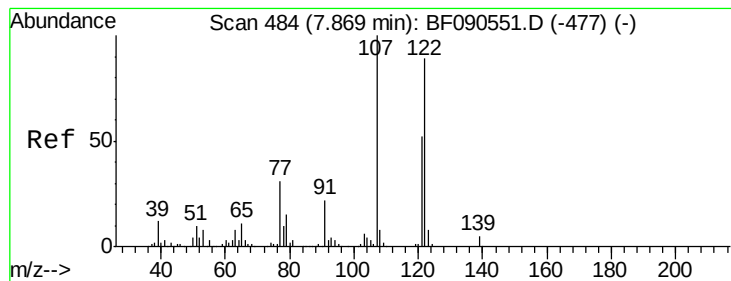
Ion Ratio Lower Upper

139 100

109 22.8 21.8 32.6

65 45.6 47.7 71.5#





#27

2,4-Dimethylphenol

Concen: 48.55 ng

RT: 7.869 min Scan# 48

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

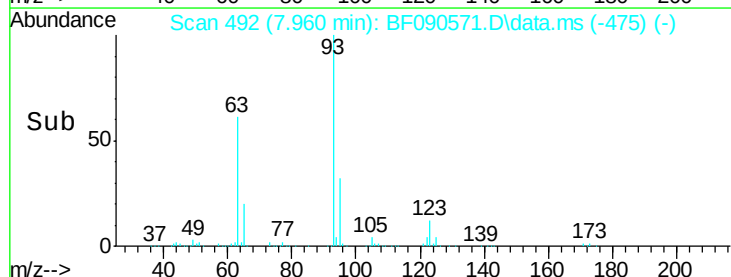
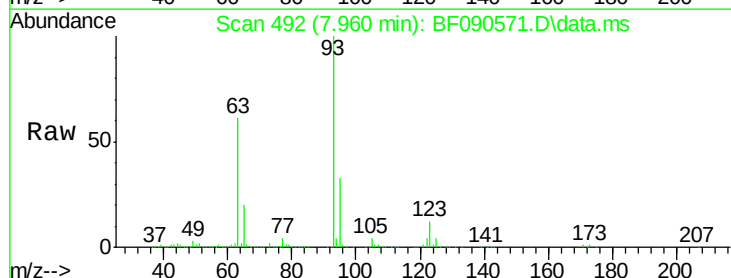
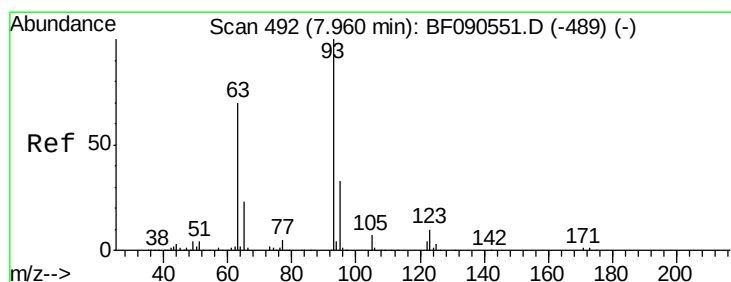
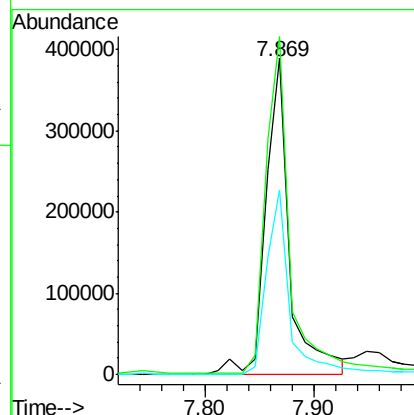
Tot Ion:122 Resp: 597916

Ion Ratio Lower Upper

122 100

107 106.7 89.8 134.6

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.52 ng

RT: 7.960 min Scan# 492

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

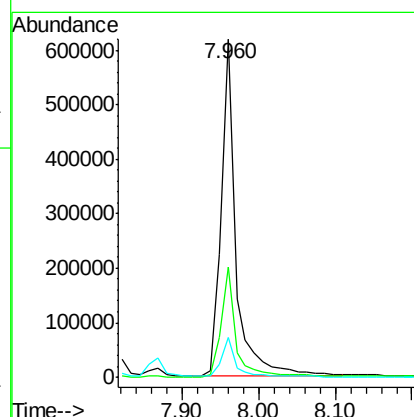
Tgt Ion: 93 Resp: 831290

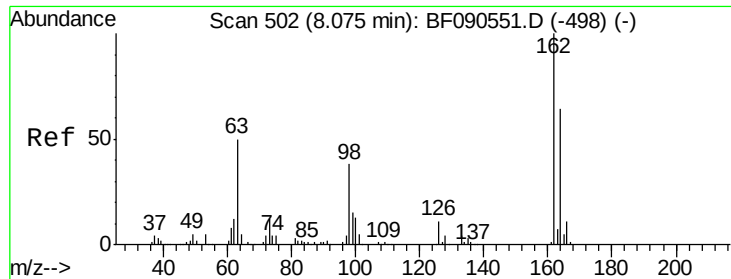
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.8 8.6 13.0

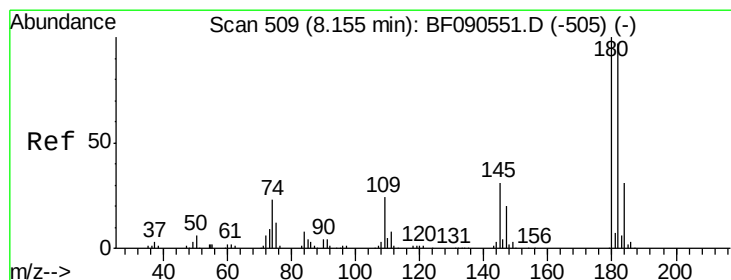
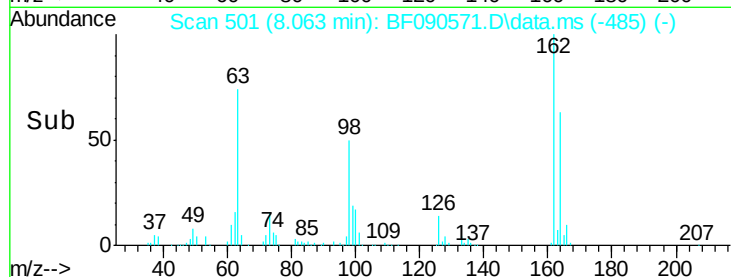
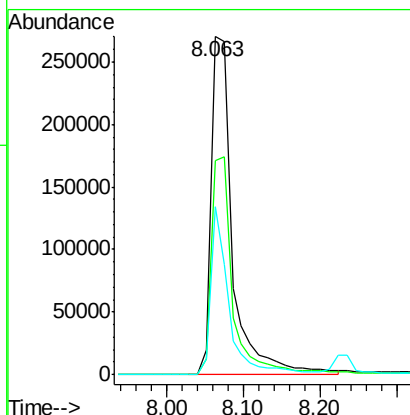
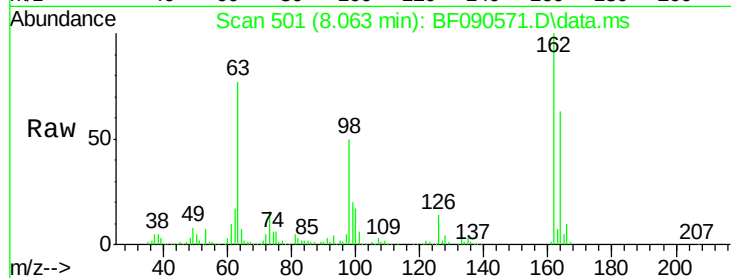




#29
2,4-Dichlorophenol
Concen: 48.44 ng
RT: 8.063 min Scan# 501
Delta R.T. -0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

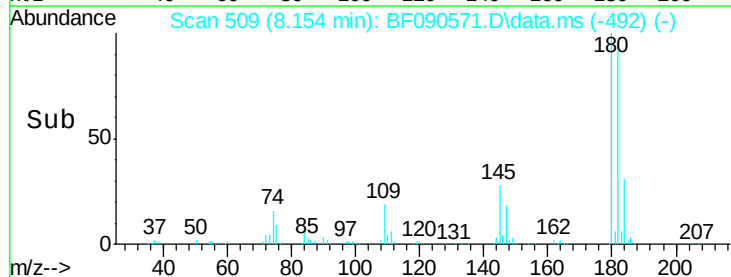
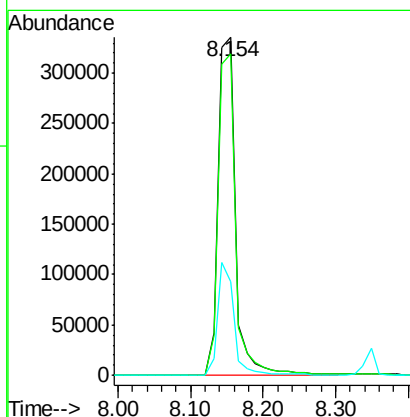
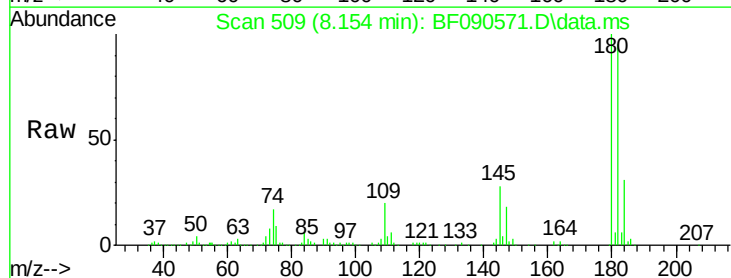
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

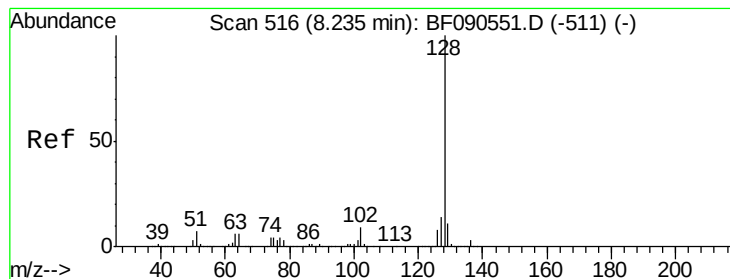
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.0	84.0
98	49.8	18.0	58.0



#30
1,2,4-Trichlorobenzene
Concen: 44.50 ng
RT: 8.154 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.2	115.8
145	27.6	24.4	36.6





#31

Naphthalene

Concen: 42.35 ng

RT: 8.235 min Scan# 51

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

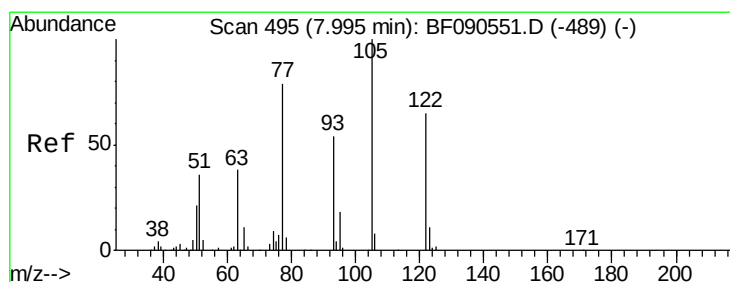
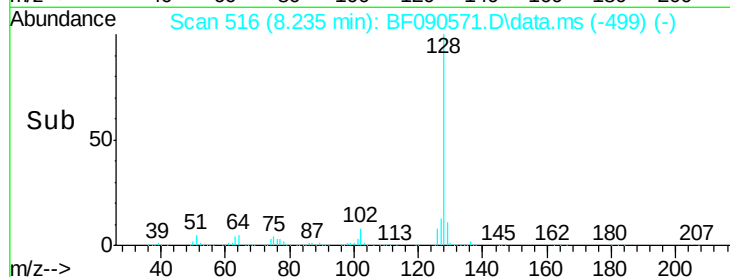
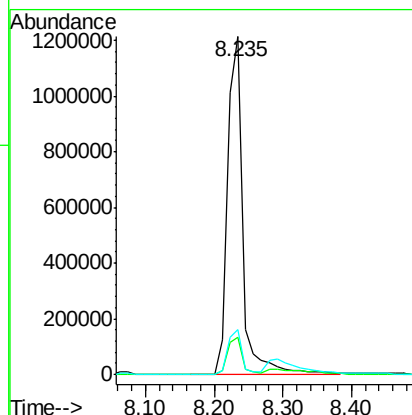
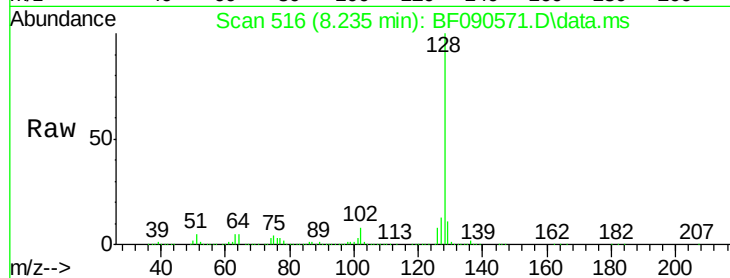
Tot Ion:128 Resp: 1910412

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 11.01 ng

RT: 7.949 min Scan# 491

Delta R.T. -0.045 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

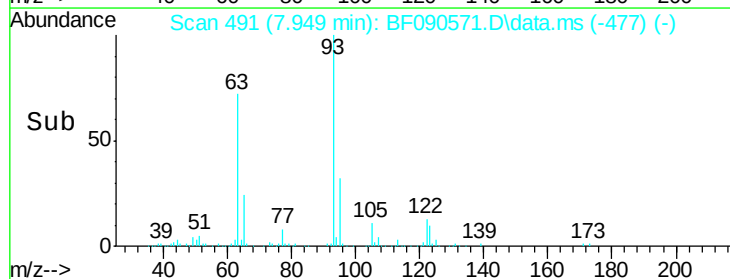
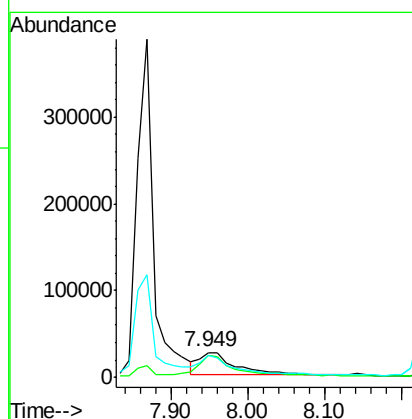
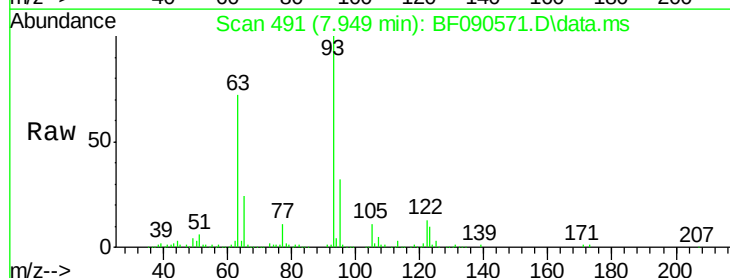
Tgt Ion:122 Resp: 83312

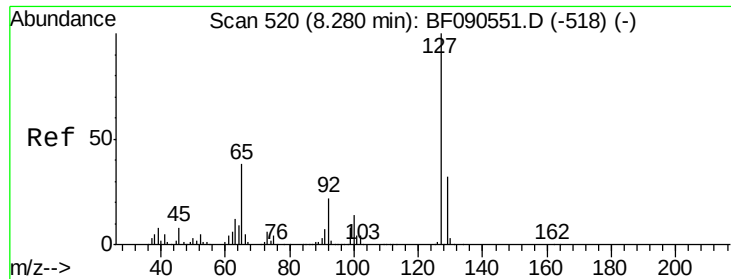
Ion Ratio Lower Upper

122 100

105 89.0 101.1 141.1#

77 87.4 84.7 124.7

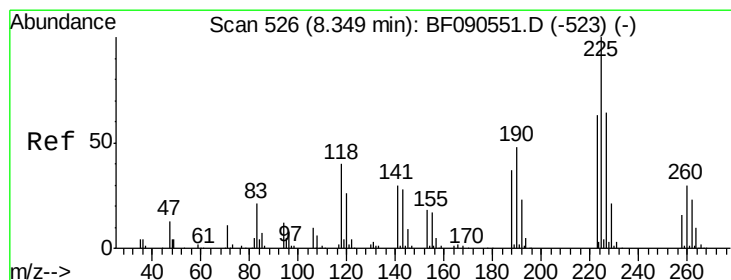
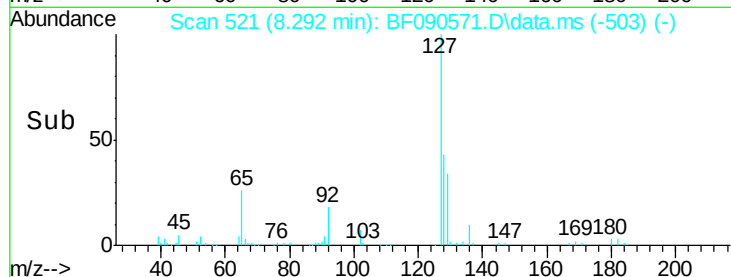
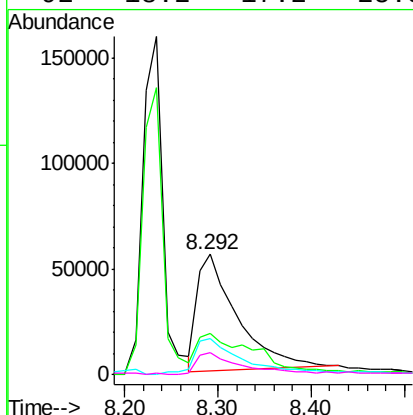
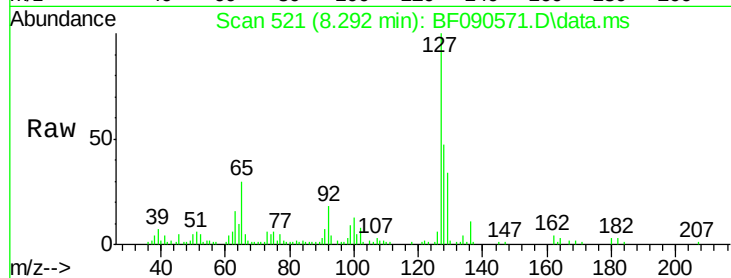




#33
4-Chloroaniline
Concen: 9.63 ng
RT: 8.292 min Scan# 521
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

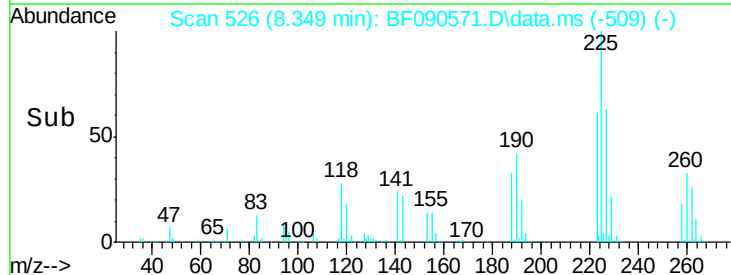
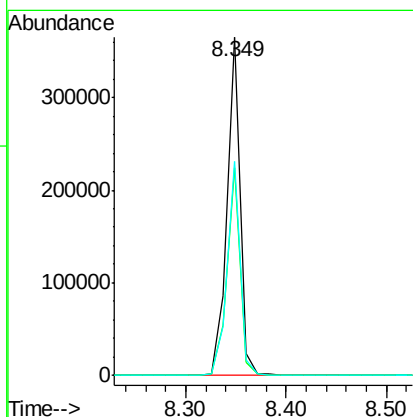
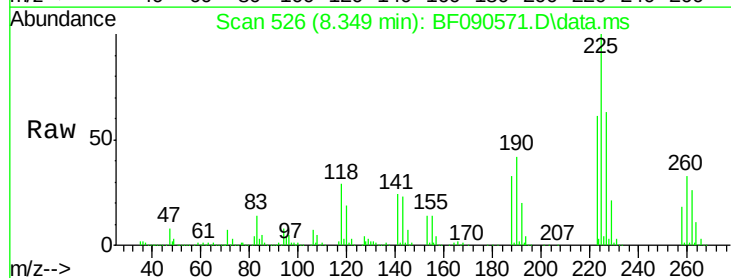
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

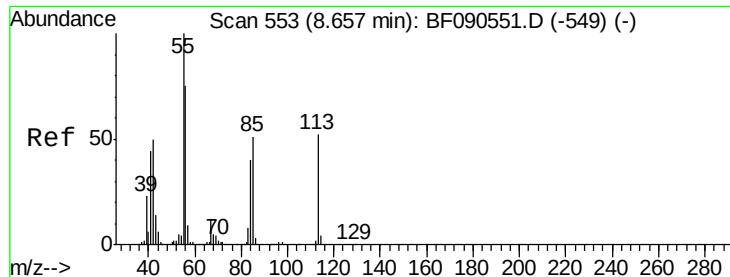
Tot Ion:	127	Resp:	166079
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.2	39.2
65	30.1	30.1	45.1
92	18.2	17.2	25.8



#34
Hexachlorobutadiene
Concen: 46.81 ng
RT: 8.349 min Scan# 526
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:	225	Resp:	330437
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.6	76.0
227	63.2	51.4	77.2





#35

Caprolactam

Concen: 26.96 ng

RT: 8.703 min Scan# 55

Delta R.T. 0.046 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

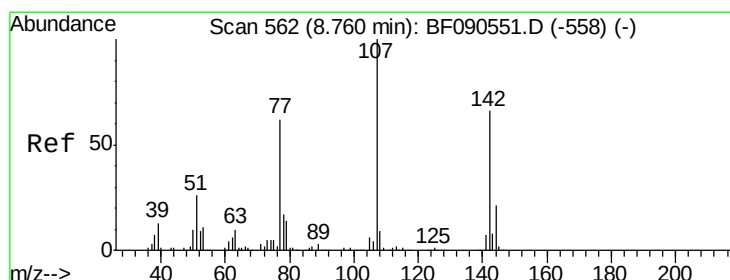
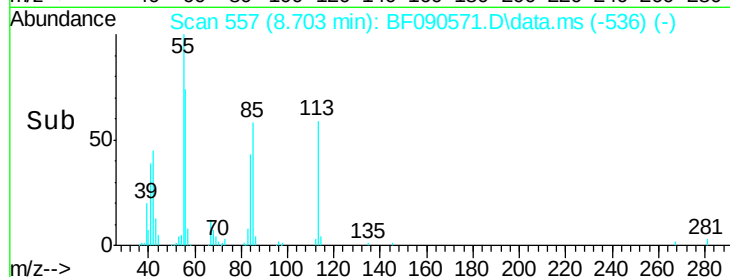
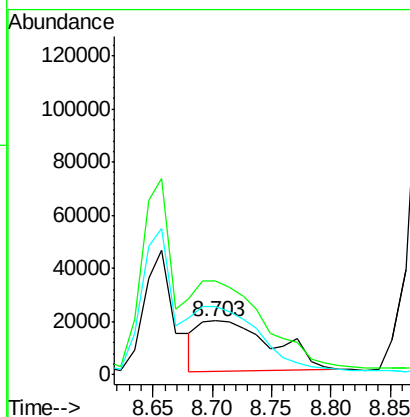
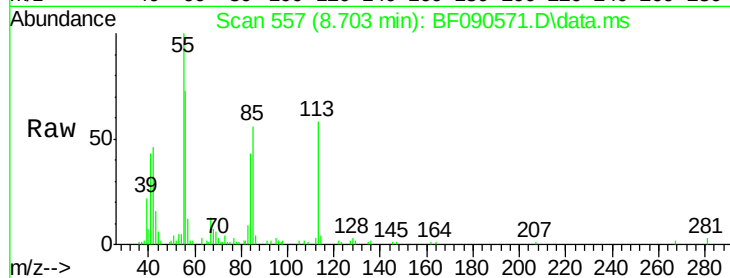
Tot Ion:113 Resp: 81172

Ion Ratio Lower Upper

113 100

55 173.7 170.8 210.8

56 126.8 122.4 162.4



#36

4-Chloro-3-methylphenol

Concen: 47.54 ng

RT: 8.772 min Scan# 563

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

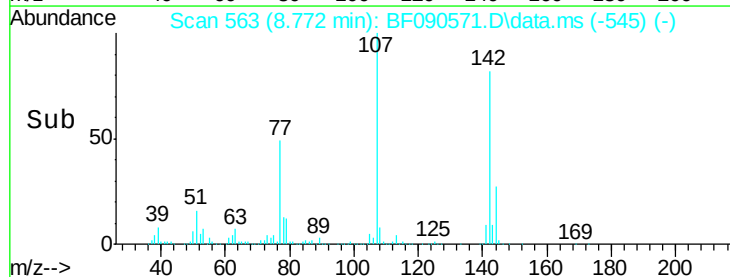
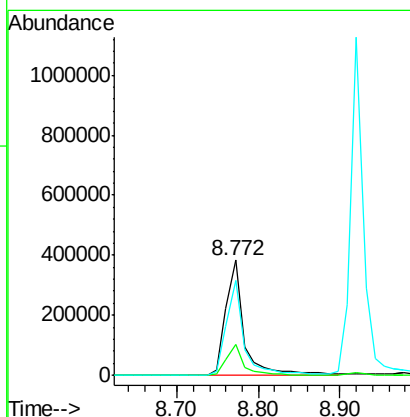
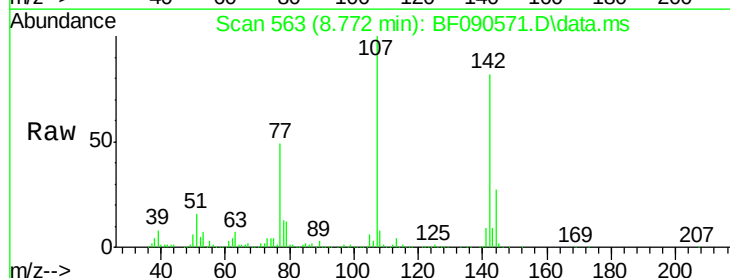
Tgt Ion:107 Resp: 591789

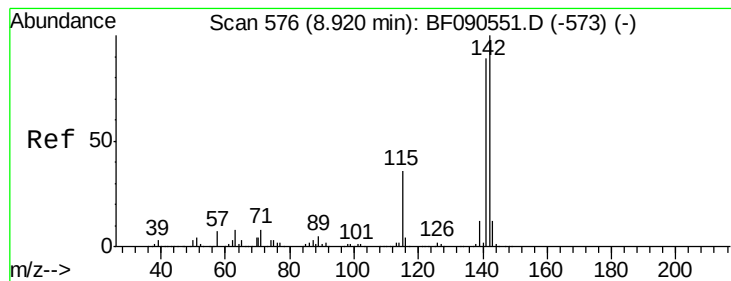
Ion Ratio Lower Upper

107 100

144 26.7 16.9 25.3#

142 82.1 52.5 78.7#

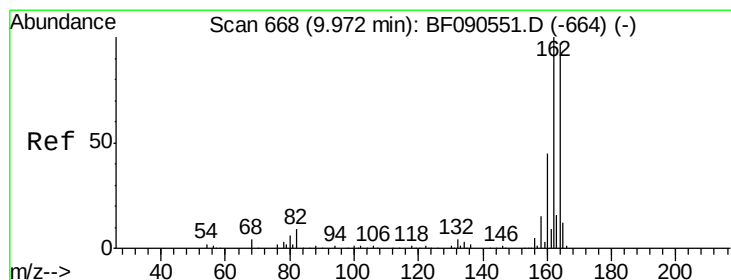
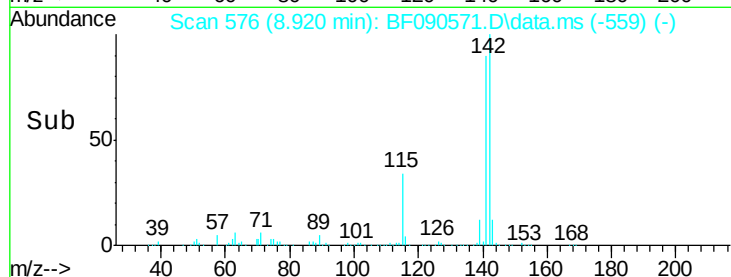
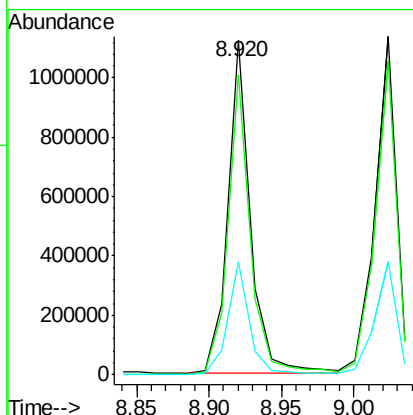
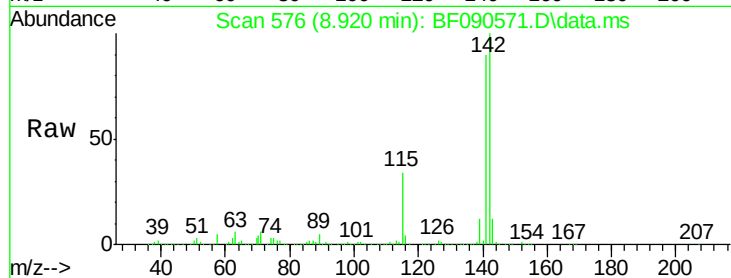




#37
2-Methylnaphthalene
Concen: 45.51 ng
RT: 8.920 min Scan# 57
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

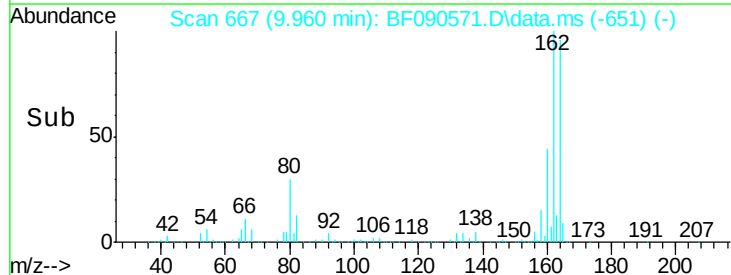
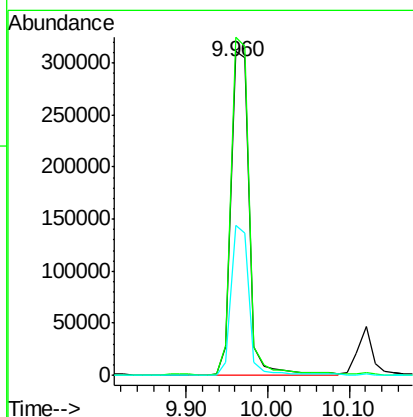
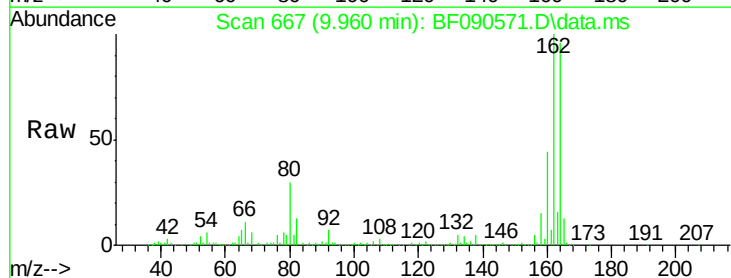
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

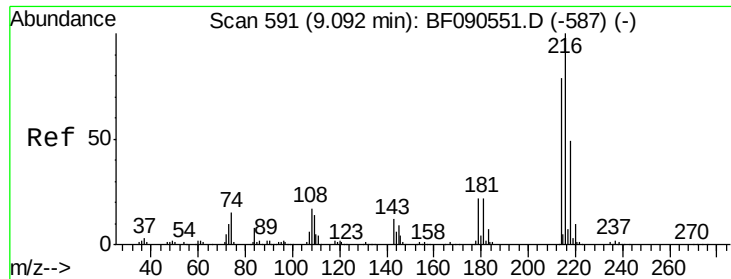
Tot Ion:142 Resp: 1205762
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 33.6 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.960 min Scan# 667
Delta R.T. -0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:164 Resp: 480543
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 46.1 36.6 55.0

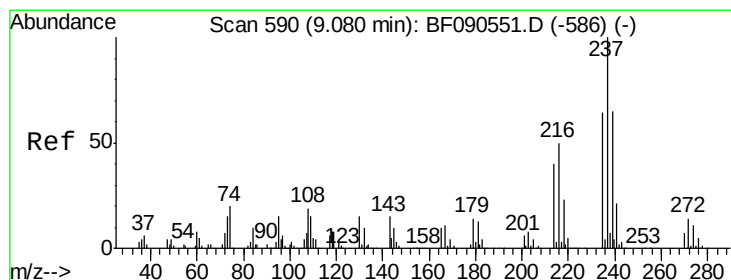
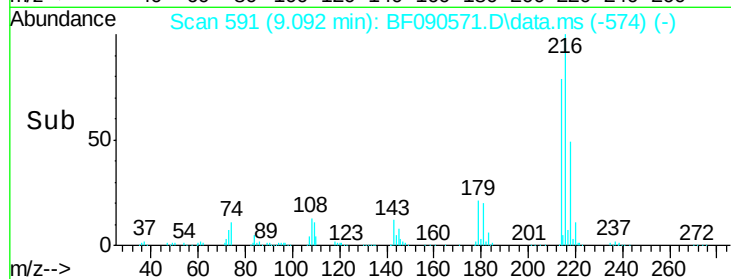
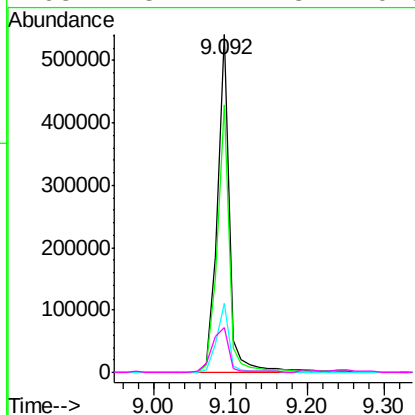
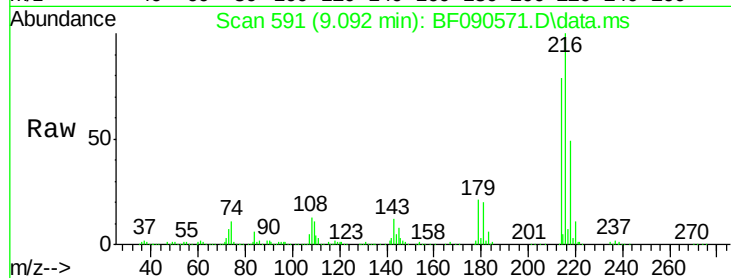




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.58 ng
 RT: 9.092 min Scan# 591
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

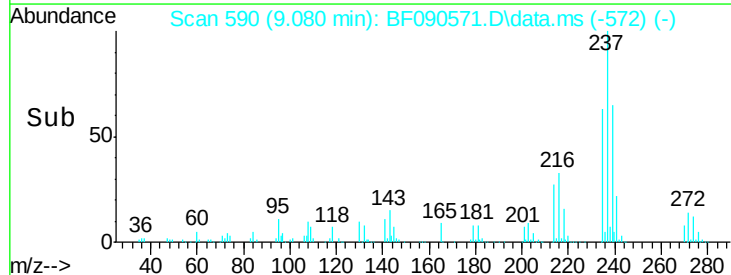
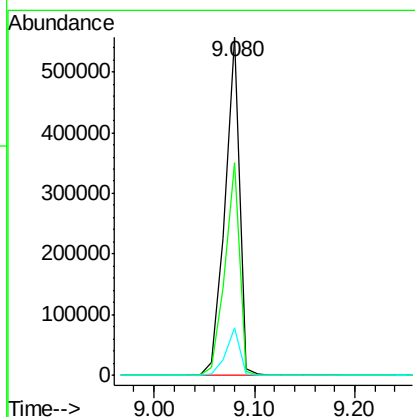
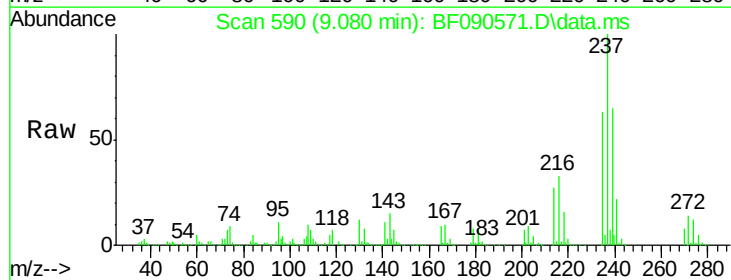
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

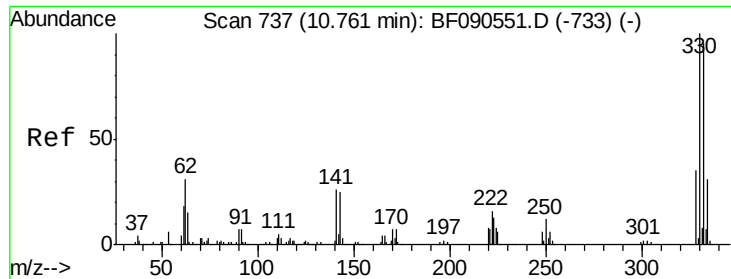
Tot Ion:216	Resp:	593460
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.5 95.3
179	21.8	18.9 28.3
108	18.4	17.8 26.6



#40
 Hexachlorocyclopentadiene
 Concen: 90.17 ng
 RT: 9.080 min Scan# 590
 Delta R.T. 0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion:237	Resp:	561226
Ion Ratio	Lower	Upper
237	100	
235	63.1	43.8 83.8
272	14.1	0.0 33.7

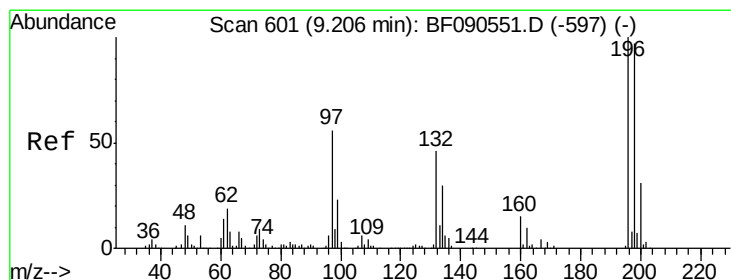
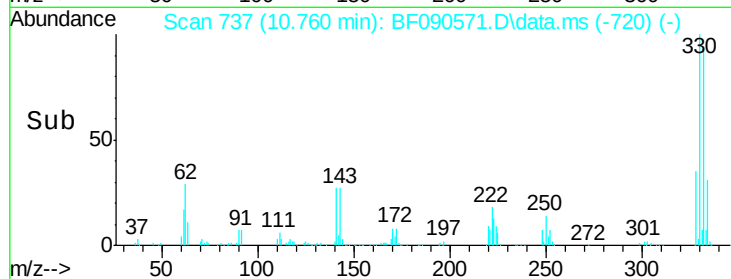
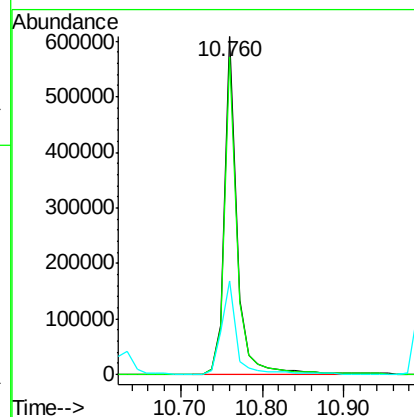
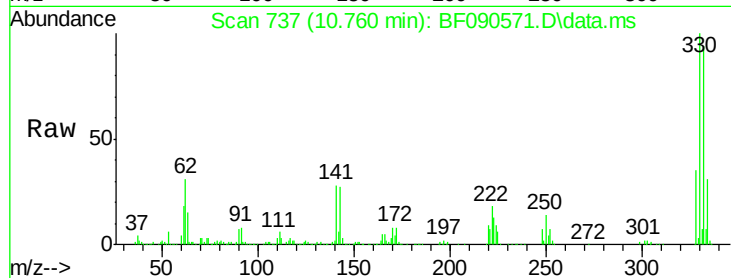




#41
 2,4,6-Tribromophenol
 Concen: 151.78 ng
 RT: 10.760 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

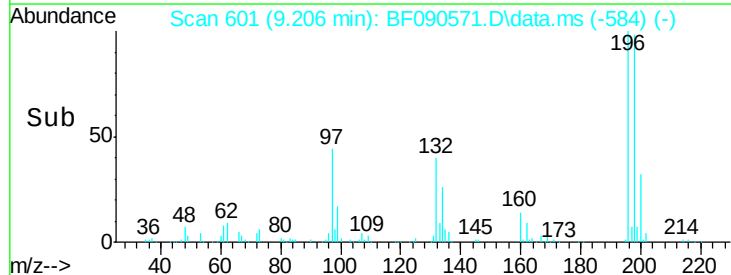
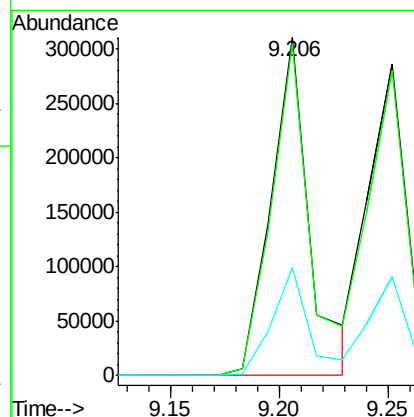
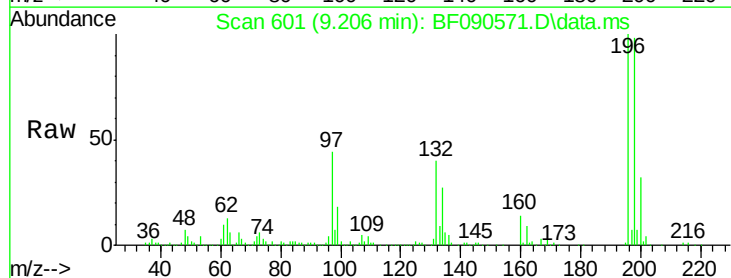
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

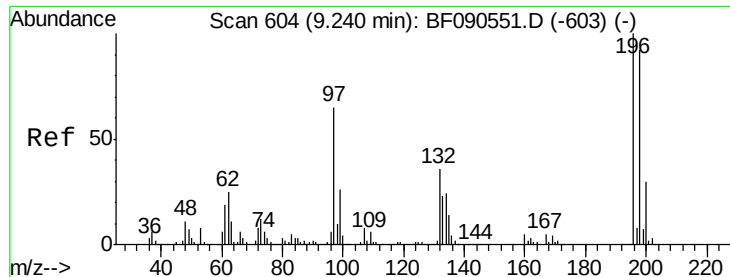
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.2
141	32.4	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 53.22 ng
 RT: 9.206 min Scan# 601
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.9	116.9
200	31.9	25.1	37.7

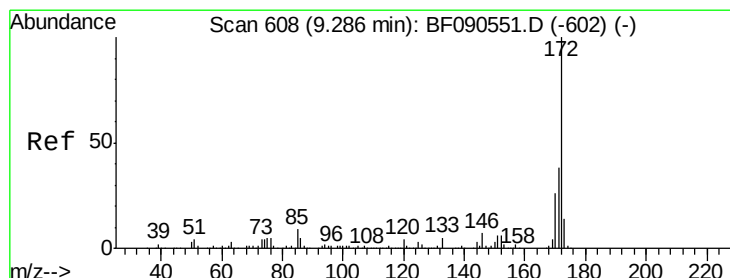
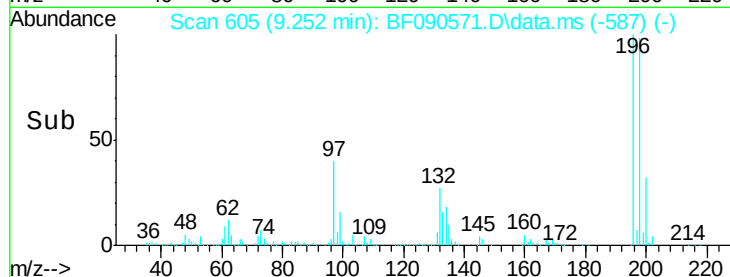
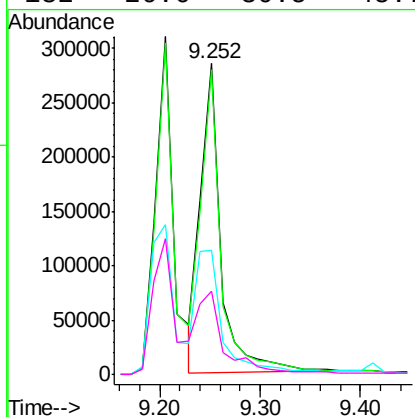
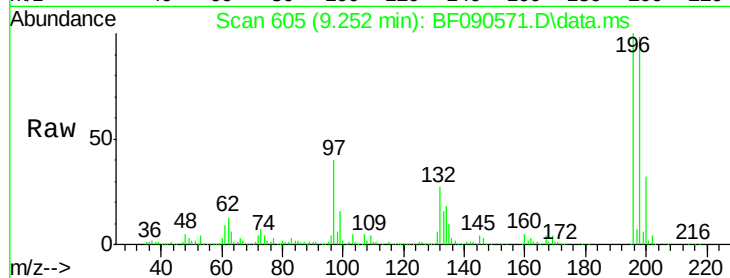




#43
2,4,5-Trichlorophenol
Concen: 47.01 ng
RT: 9.252 min Scan# 604
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

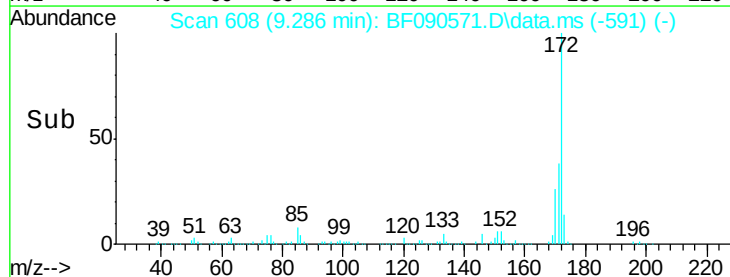
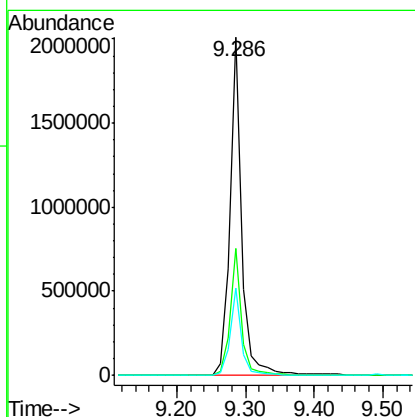
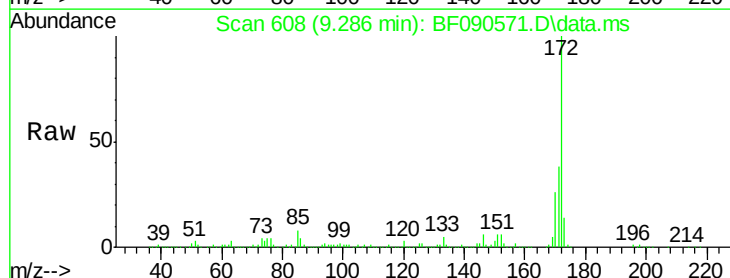
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

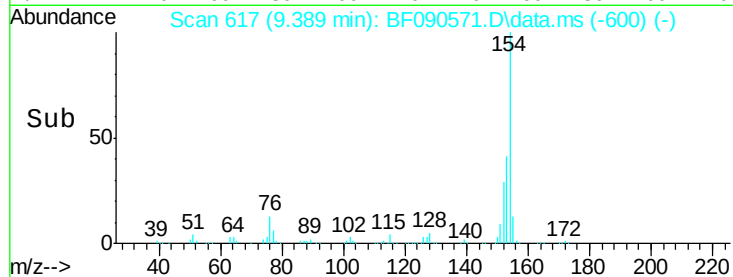
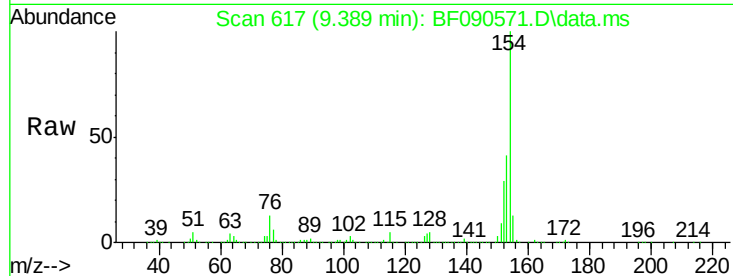
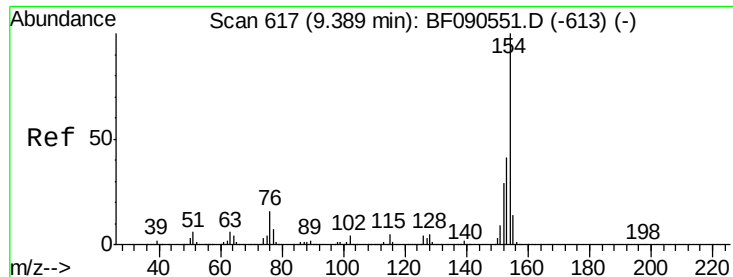
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.0	111.0
97	40.0	54.7	82.1#
132	26.6	30.5	45.7#



#44
2-Fluorobiphenyl
Concen: 83.43 ng
RT: 9.286 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.1	45.1
170	25.7	20.6	30.8





#45

1,1'-Biphenyl

Concen: 43.95 ng

RT: 9.389 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

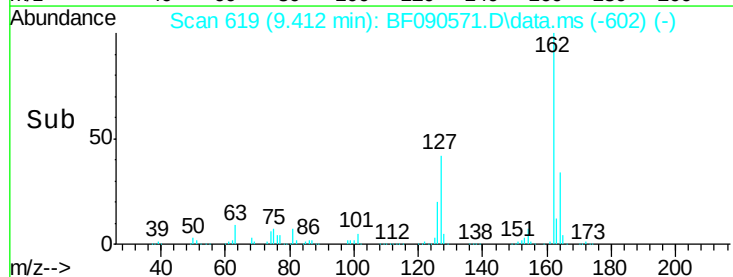
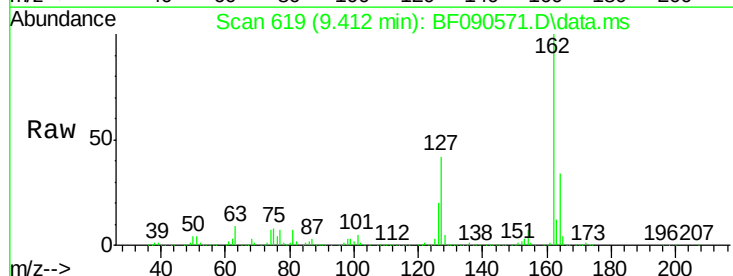
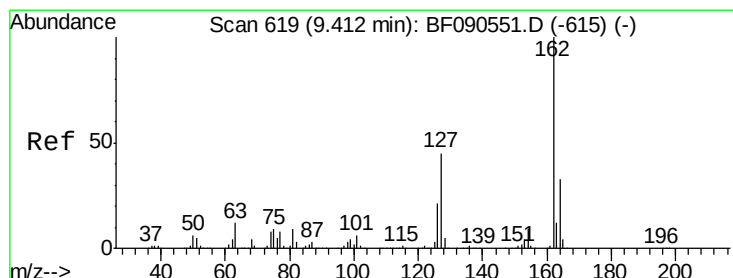
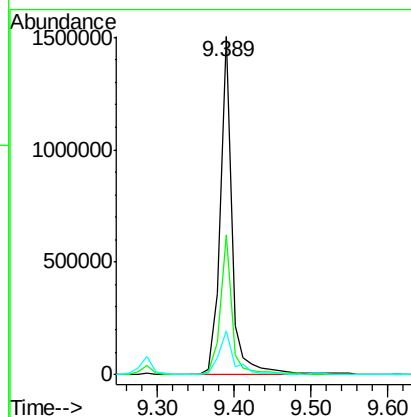
Tot Ion:154 Resp: 1607206

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

76 13.1 0.0 36.0



#46

2-Chloronaphthalene

Concen: 44.85 ng

RT: 9.412 min Scan# 619

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

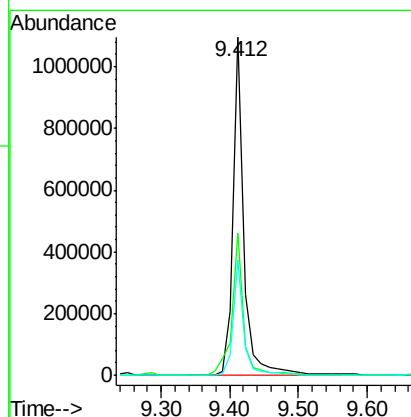
Tgt Ion:162 Resp: 1222840

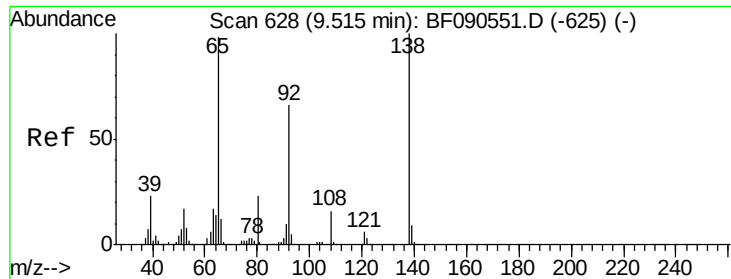
Ion Ratio Lower Upper

162 100

127 42.0 35.9 53.9

164 34.0 26.7 40.1

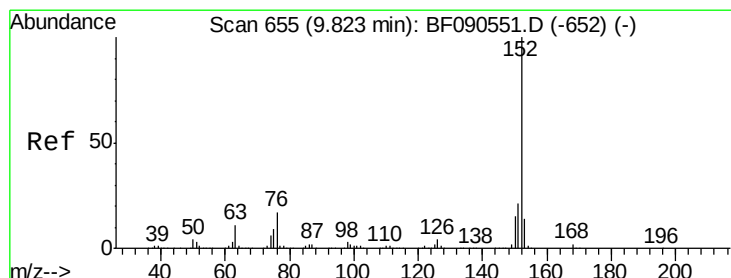
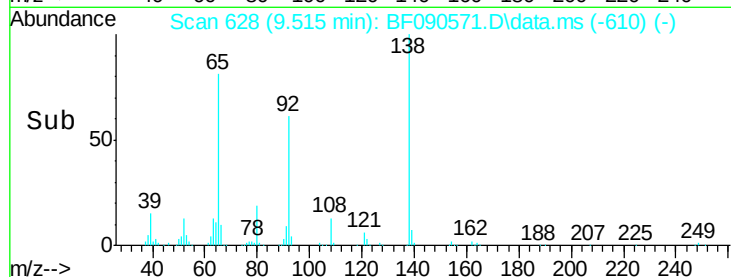
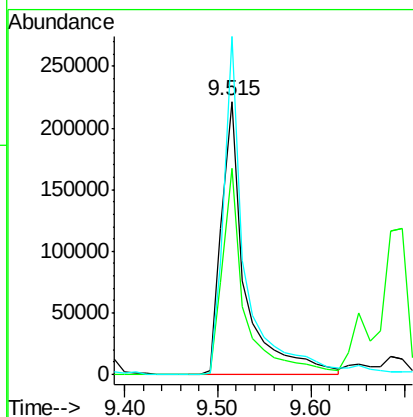
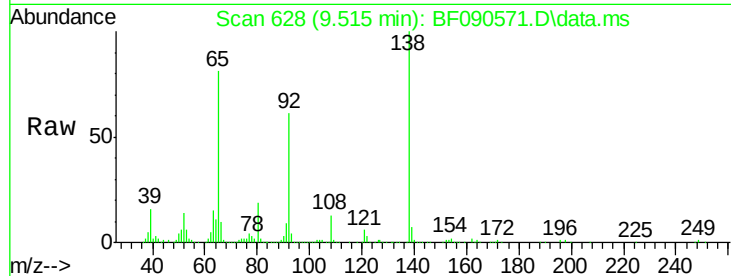




#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.515 min Scan# 62
Delta R.T. 0.001 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

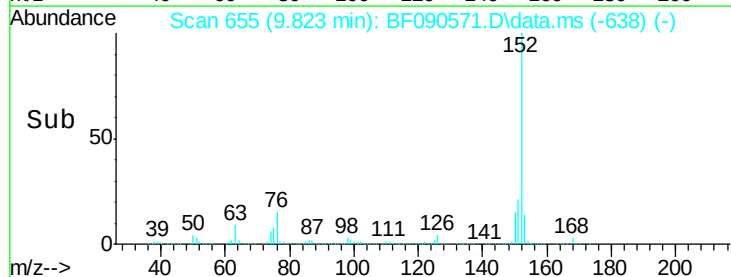
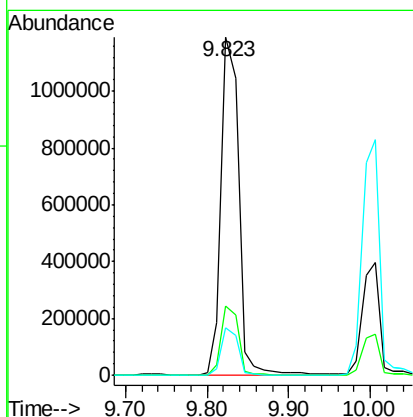
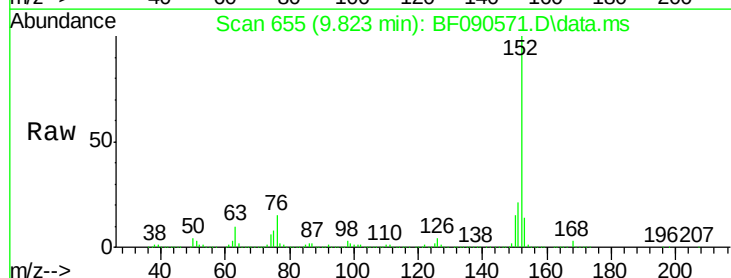
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

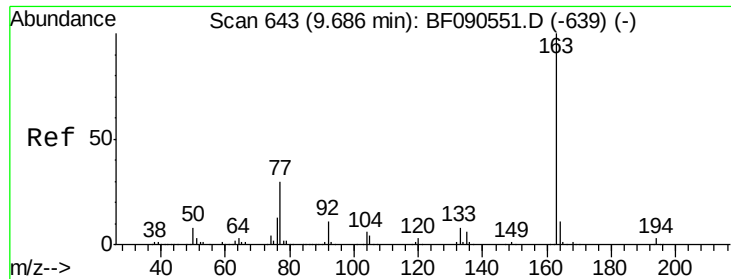
Tot Ion: 65 Resp: 385250
Ion Ratio Lower Upper
65 100
92 75.6 54.3 81.5
138 123.9 81.7 122.5#



#48
Acenaphthylene
Concen: 41.31 ng
RT: 9.823 min Scan# 655
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:152 Resp: 1793586
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 69.73 ng

RT: 9.697 min Scan# 64

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

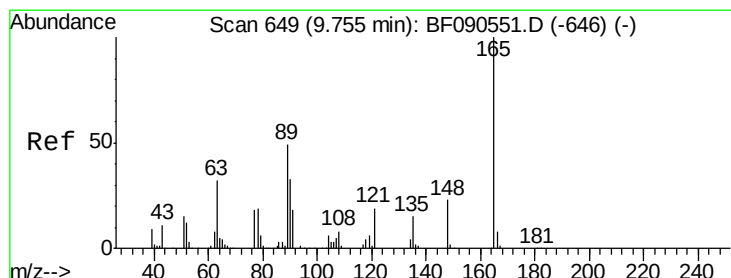
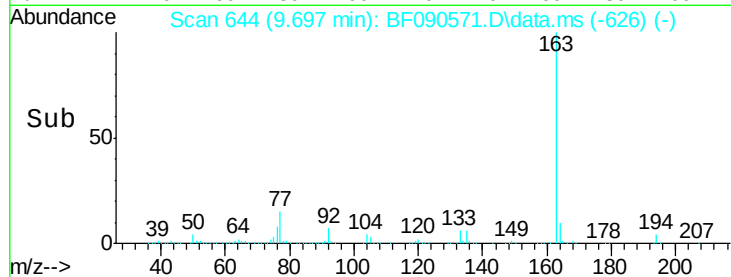
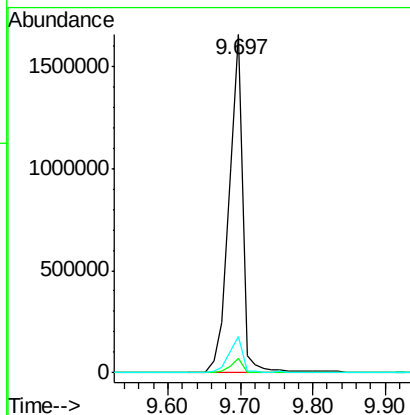
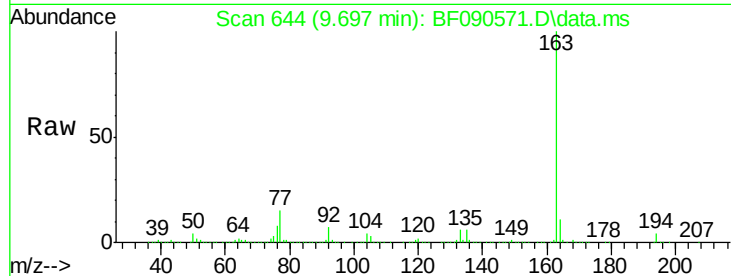
Tot Ion:163 Resp: 2174180

Ion Ratio Lower Upper

163 100

194 4.1 2.3 3.5#

164 10.7 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 48.48 ng

RT: 9.755 min Scan# 649

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

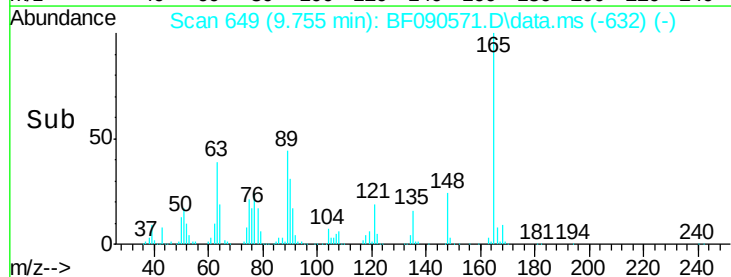
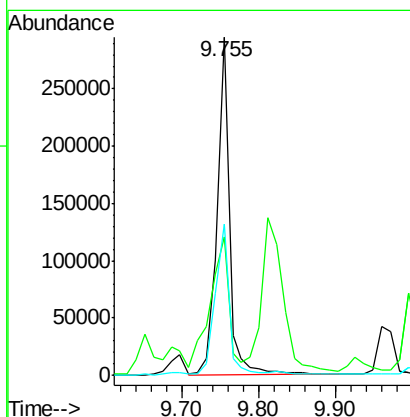
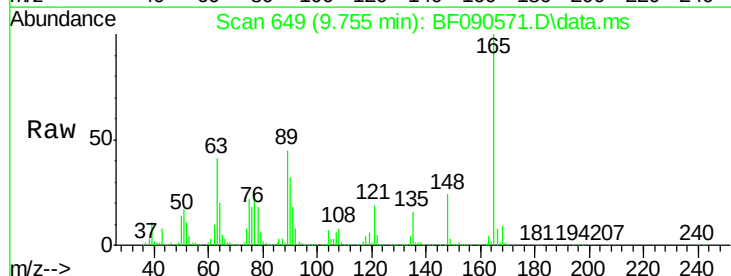
Tgt Ion:165 Resp: 330724

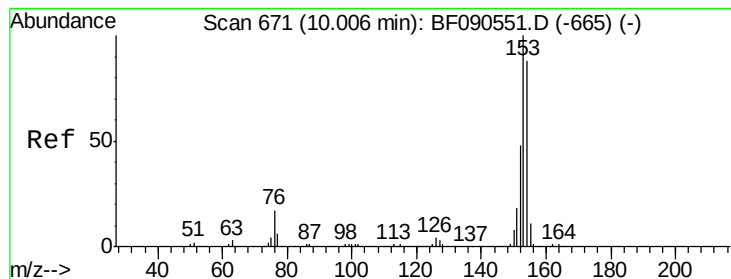
Ion Ratio Lower Upper

165 100

63 40.9 40.1 60.1

89 44.6 39.5 59.3





#51

Acenaphthene

Concen: 41.28 ng

RT: 10.006 min Scan# 671

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

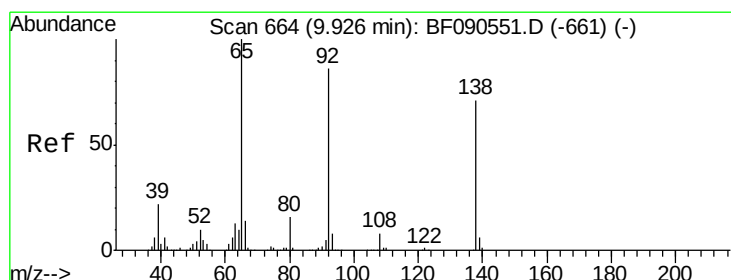
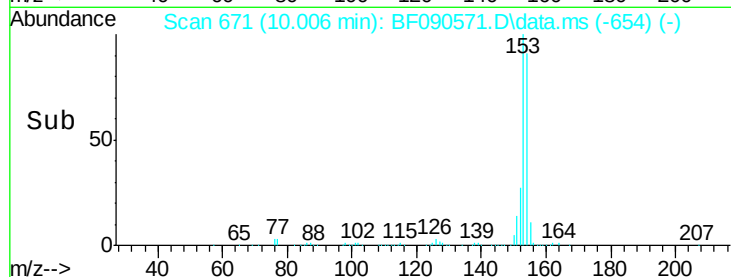
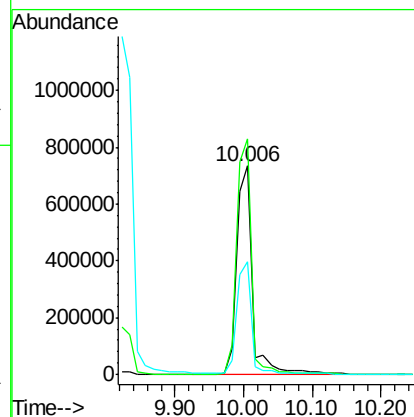
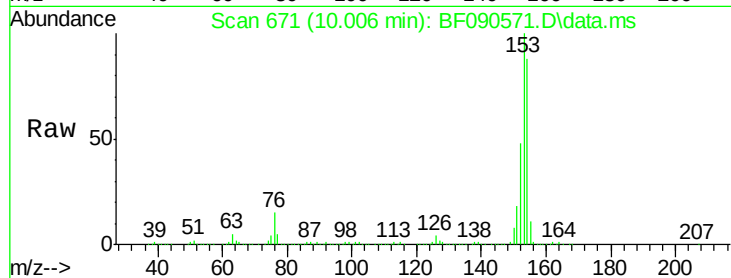
Tot Ion:154 Resp: 1191222

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 54.2 44.0 66.0



#52

3-Nitroaniline

Concen: 19.83 ng

RT: 9.926 min Scan# 664

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

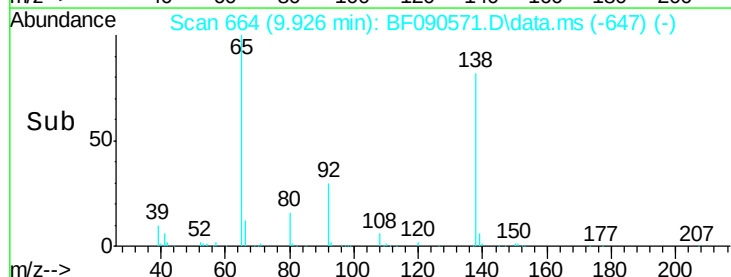
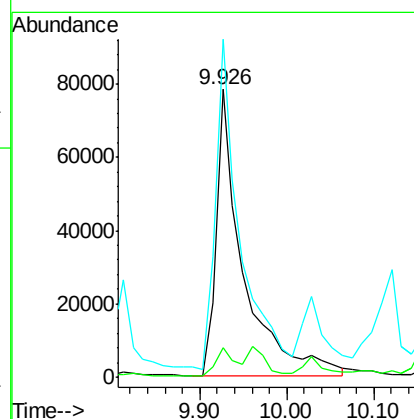
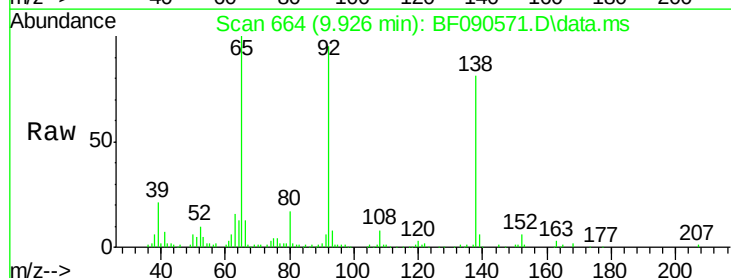
Tgt Ion:138 Resp: 169751

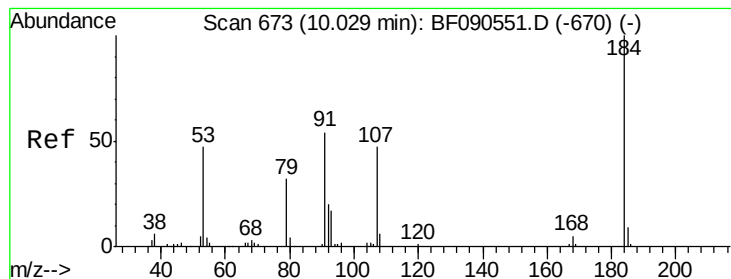
Ion Ratio Lower Upper

138 100

108 10.1 8.6 12.8

92 117.3 97.8 146.8





#53

2,4-Dinitrophenol

Concen: 43.74 ng

RT: 10.029 min Scan# 67

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

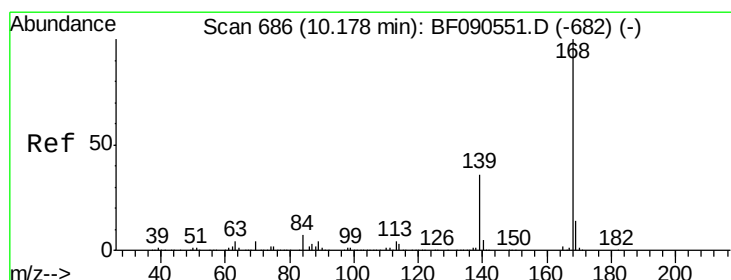
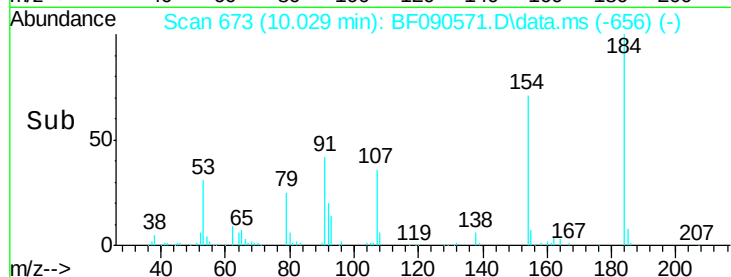
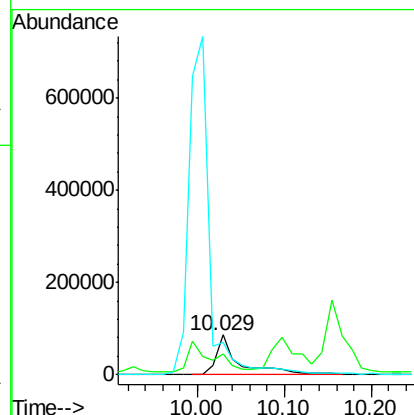
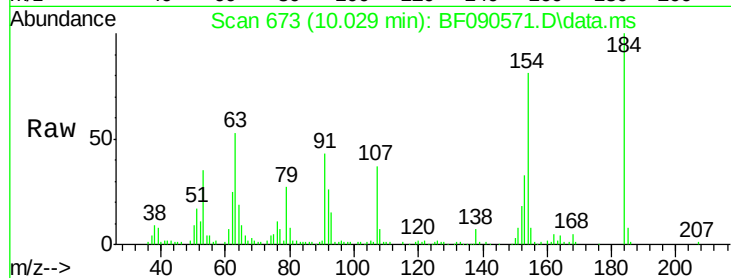
Tot Ion:184 Resp: 151747

Ion Ratio Lower Upper

184 100

63 52.6 60.2 90.2#

154 80.7 86.1 129.1#



#54

Dibenzofuran

Concen: 44.79 ng

RT: 10.178 min Scan# 686

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

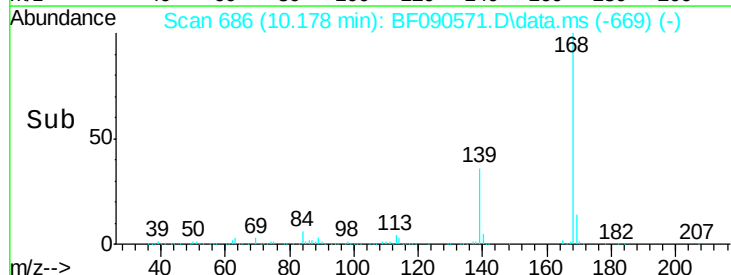
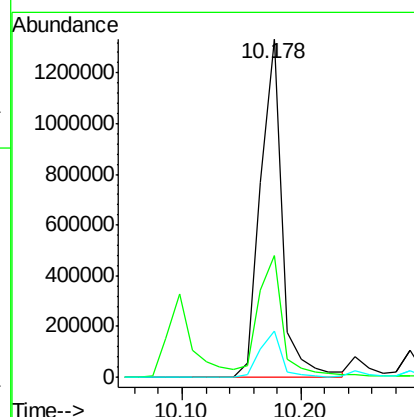
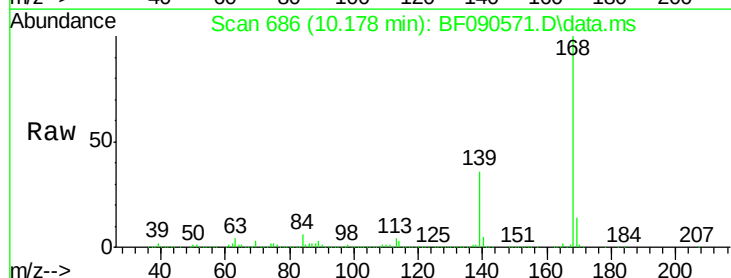
Tgt Ion:168 Resp: 1700205

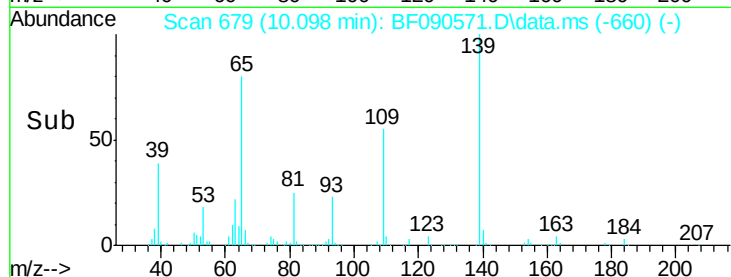
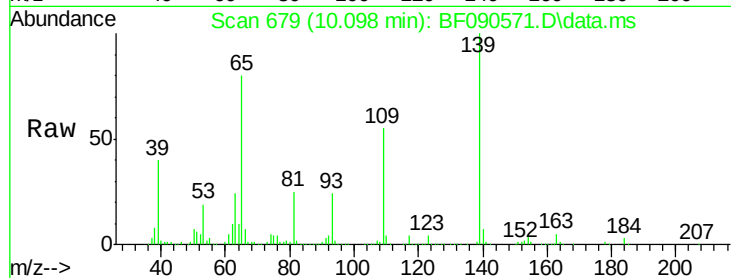
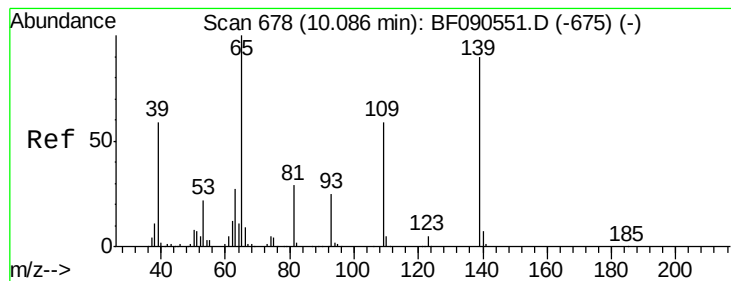
Ion Ratio Lower Upper

168 100

139 36.0 30.5 45.7

169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 95.95 ng

RT: 10.098 min Scan# 67

Delta R.T. 0.012 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

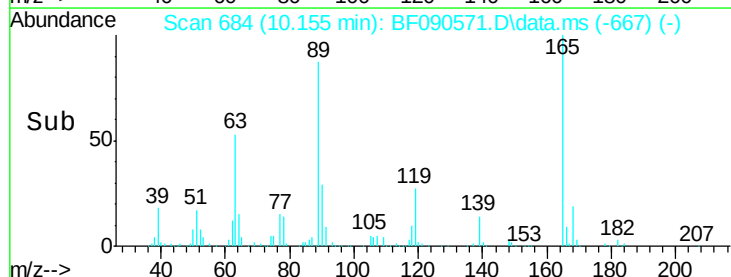
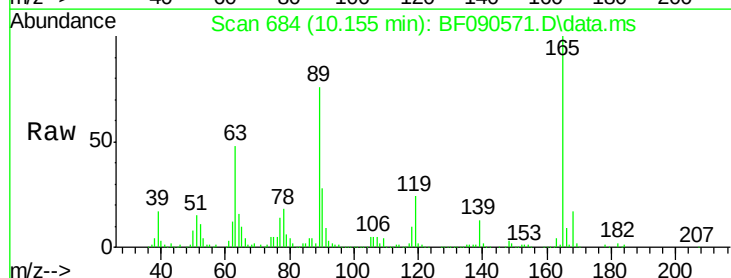
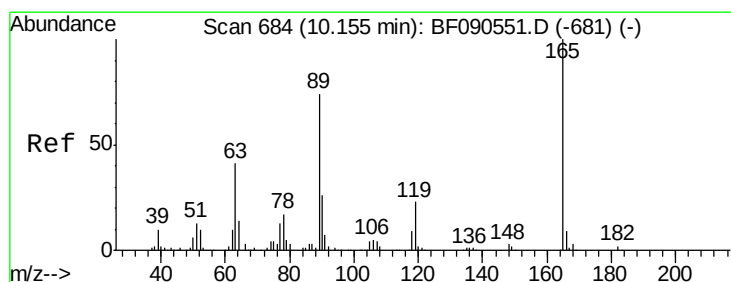
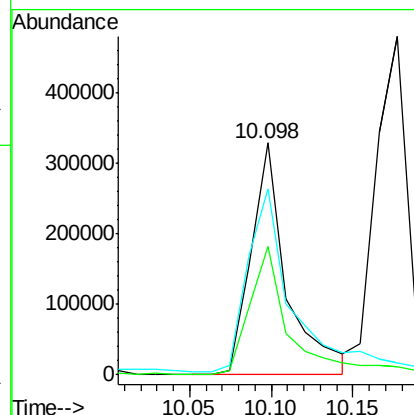
Tot Ion:139 Resp: 494367

Ion Ratio Lower Upper

139 100

109 55.3 45.9 85.9

65 80.3 95.8 135.8#



#56

2,4-Dinitrotoluene

Concen: 44.94 ng

RT: 10.155 min Scan# 684

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Tgt Ion:165 Resp: 416440

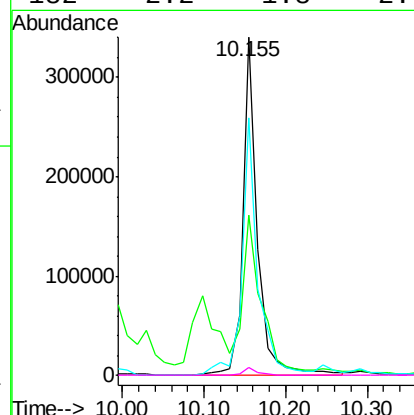
Ion Ratio Lower Upper

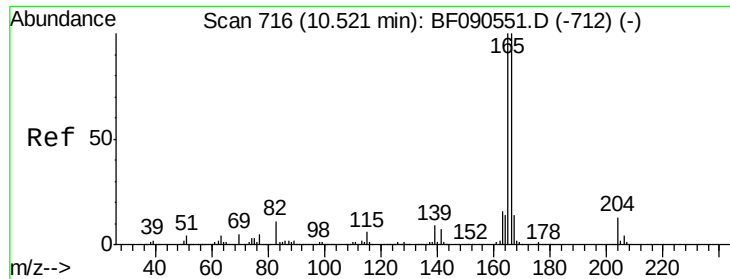
165 100

63 47.5 35.4 53.0

89 76.2 59.0 88.4

182 2.2 1.8 2.6

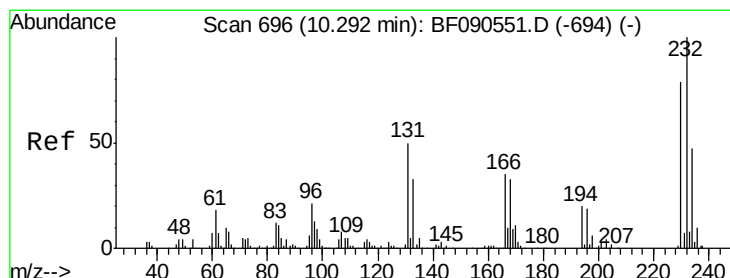
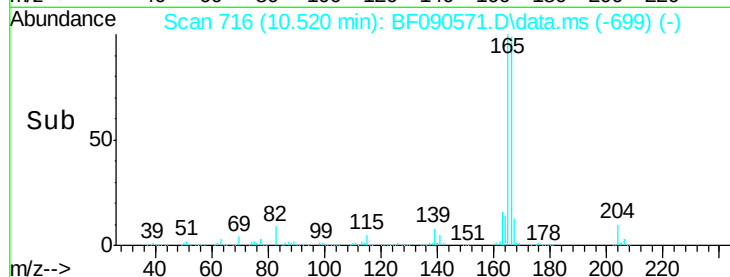
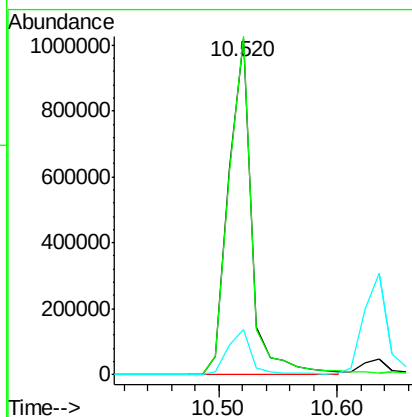
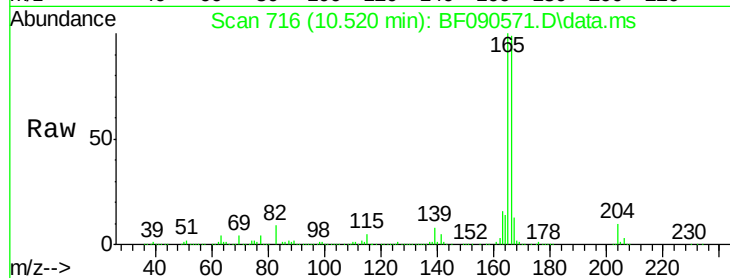




#57
 Fluorene
 Concen: 43.61 ng
 RT: 10.520 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

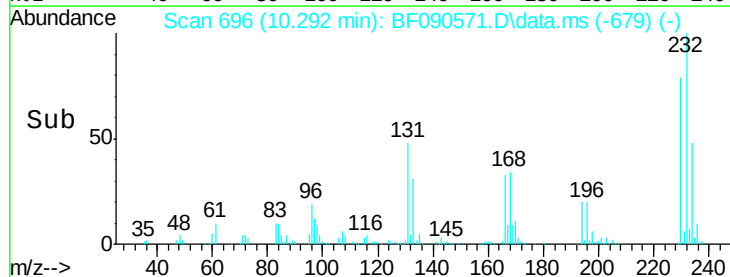
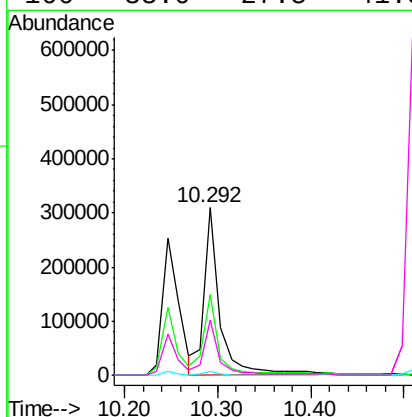
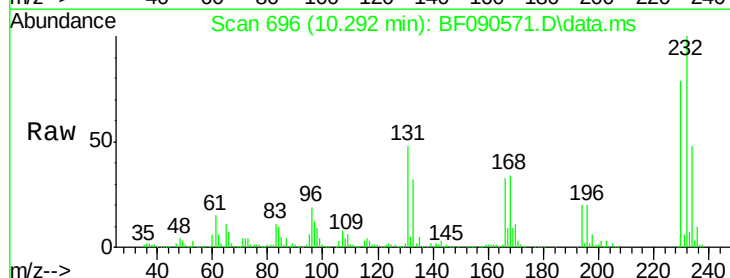
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

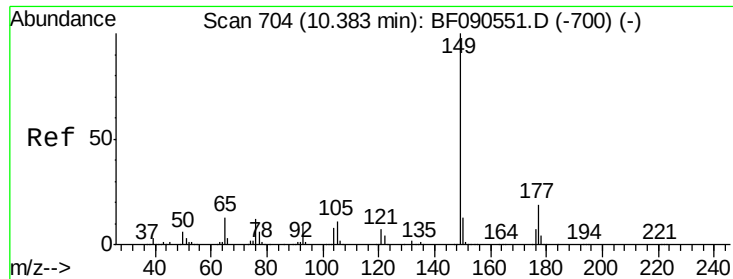
Tot Ion:166 Resp: 1365458
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.9 119.9
 167 13.5 10.9 16.3



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.95 ng
 RT: 10.292 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion:232 Resp: 356698
 Ion Ratio Lower Upper
 232 100
 131 43.9 42.6 64.0
 130 1.8 1.8 2.8#
 166 33.0 27.5 41.3

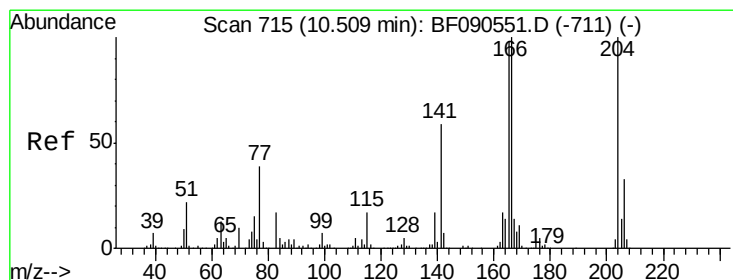
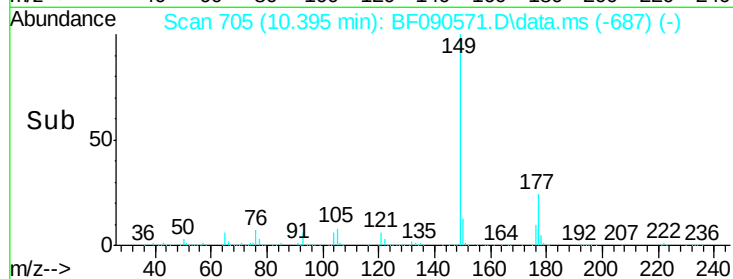
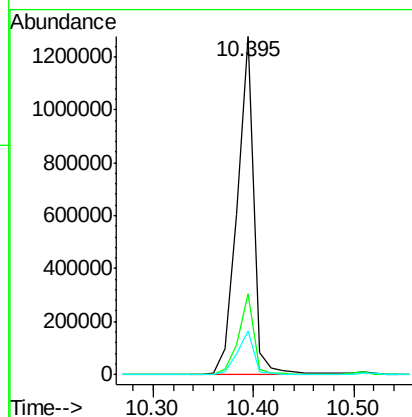
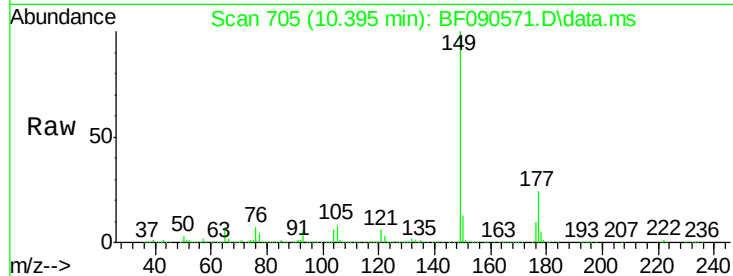




#59
Diethylphthalate
Concen: 46.25 ng
RT: 10.395 min Scan# 704
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

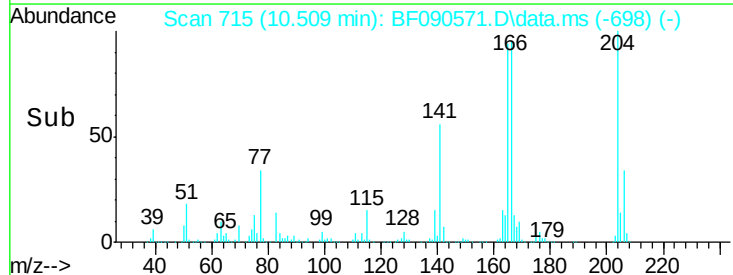
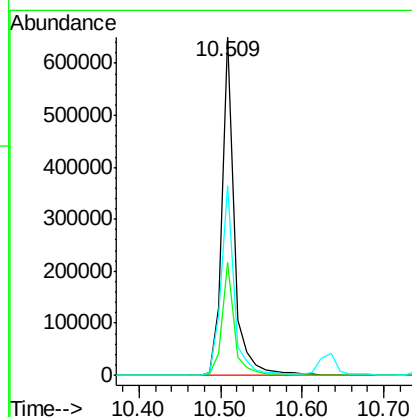
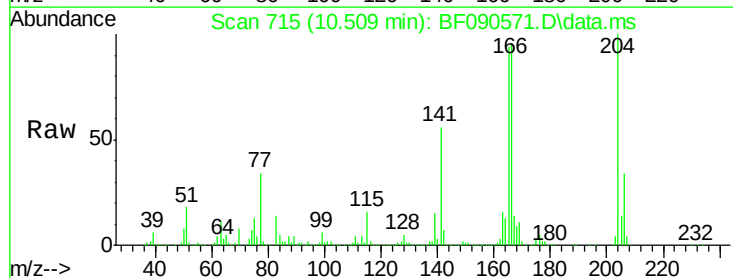
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

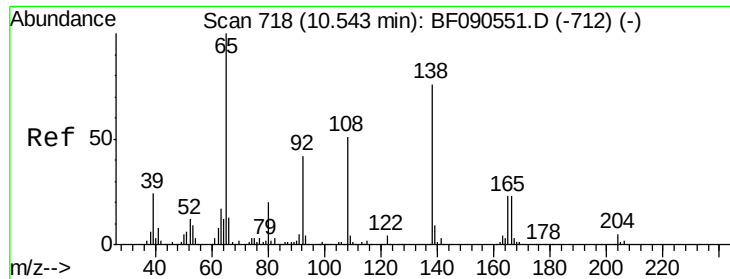
Tot Ion:149 Resp: 1462577
Ion Ratio Lower Upper
149 100
177 24.0 15.3 22.9#
150 12.8 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 46.07 ng
RT: 10.509 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:204 Resp: 680063
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 56.0 47.2 70.8

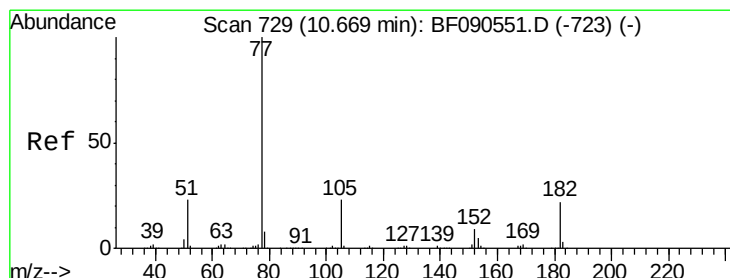
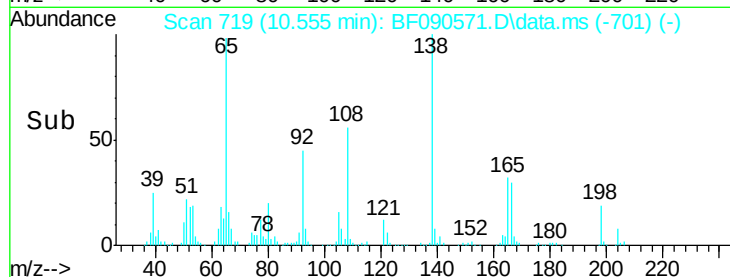
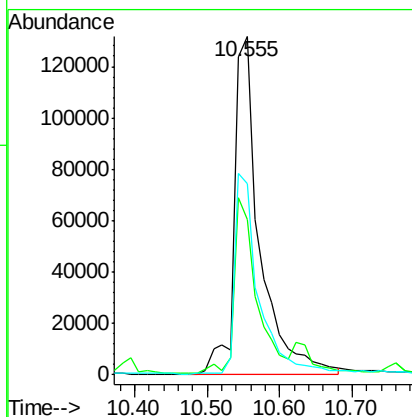
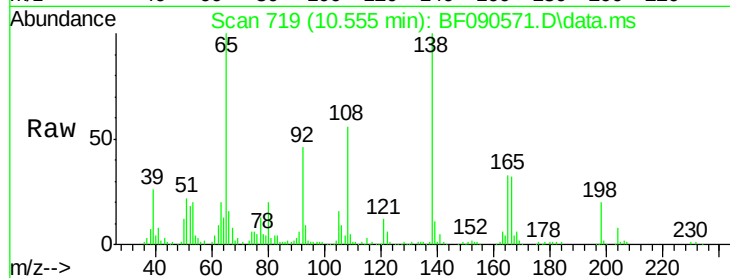




#61
4-Nitroaniline
Concen: 37.43 ng
RT: 10.555 min Scan# 718
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

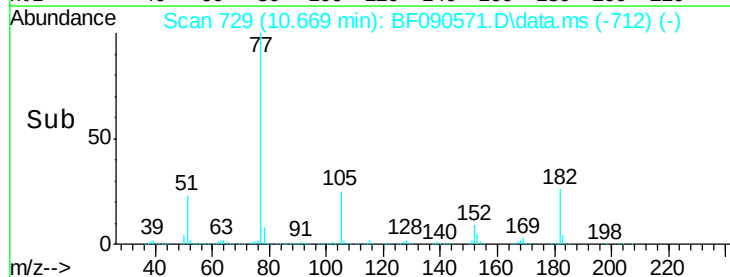
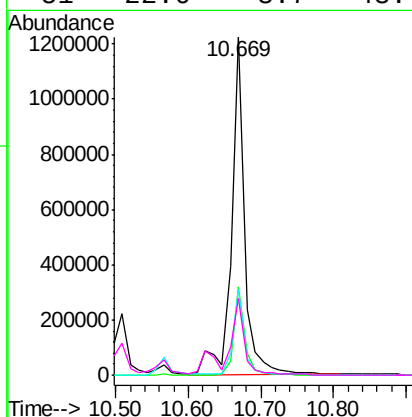
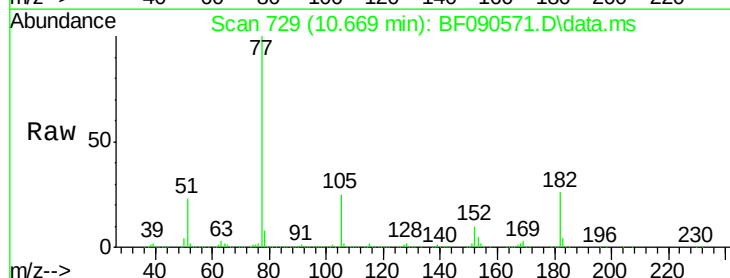
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

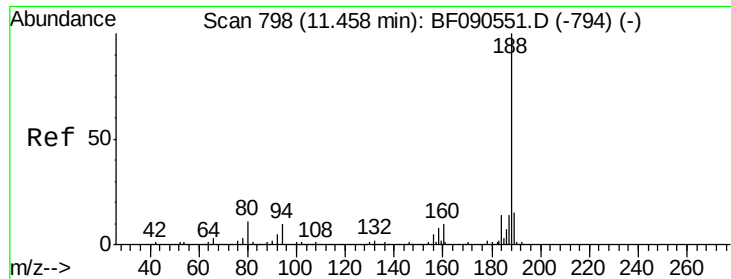
Tot Ion:138 Resp: 321338
Ion Ratio Lower Upper
138 100
92 45.7 35.7 75.7
108 56.7 46.9 86.9



#62
Azobenzene
Concen: 42.07 ng
RT: 10.669 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion: 77 Resp: 1538858
Ion Ratio Lower Upper
77 100
182 26.3 2.2 42.2
105 25.3 3.5 43.5
51 22.6 3.7 43.7

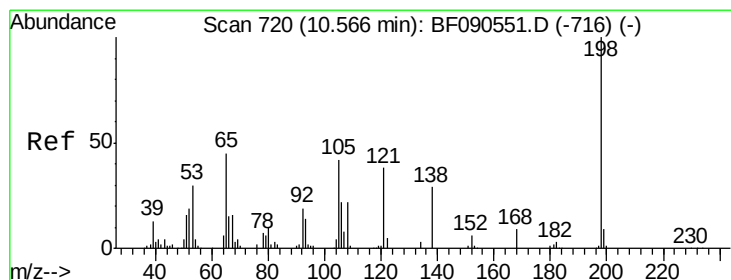
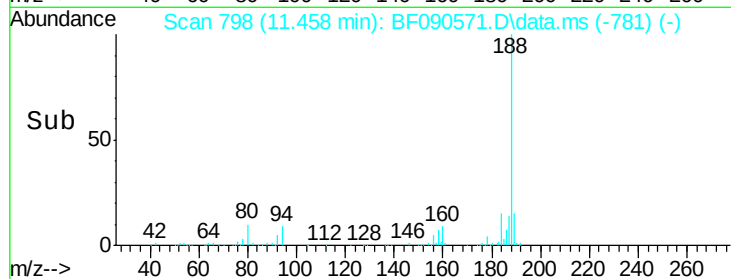
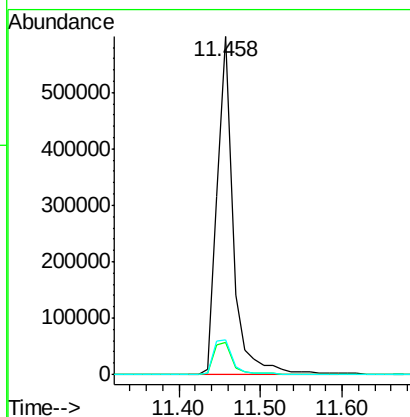
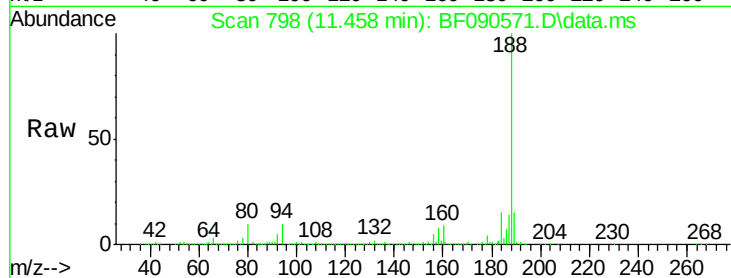




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.458 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

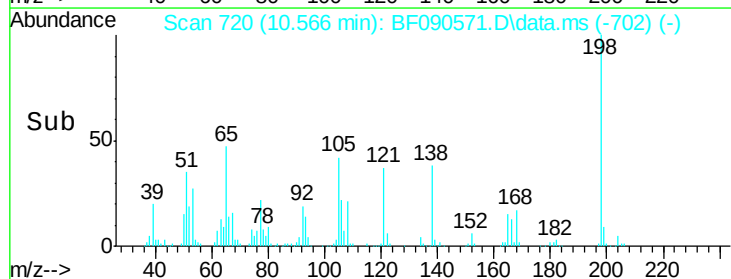
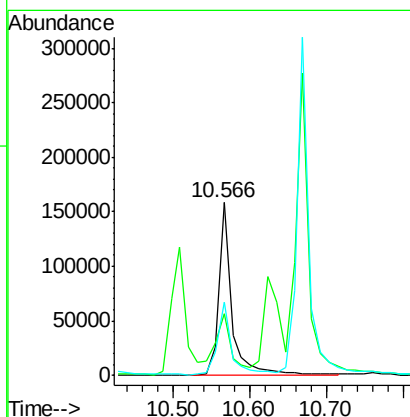
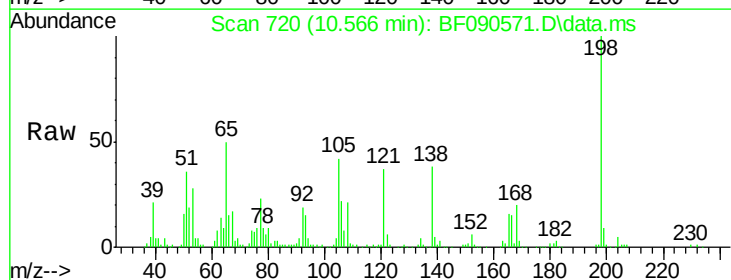
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

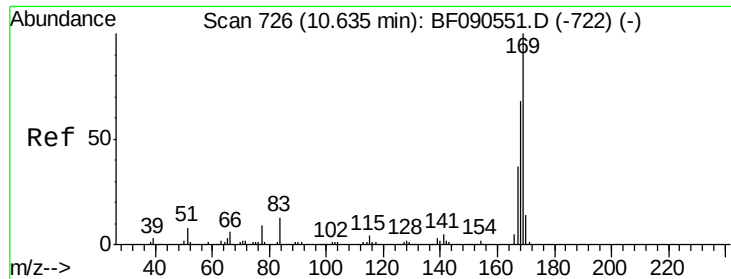
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.7	11.5
80	10.4	8.6	12.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.69 ng
RT: 10.566 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
198	100		
51	35.6	19.7	59.7
105	42.4	22.6	62.6





#65

n-Nitrosodiphenylamine

Concen: 43.20 ng

RT: 10.635 min Scan# 72

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

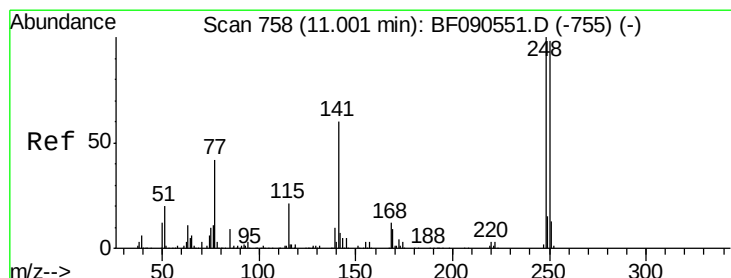
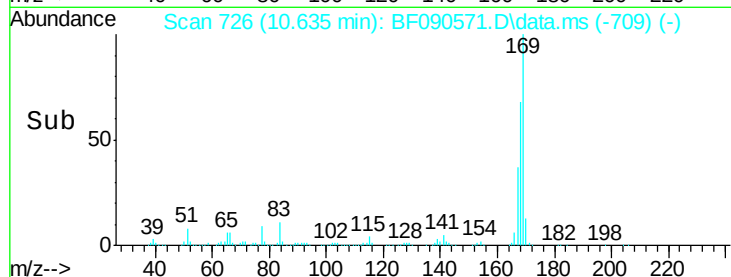
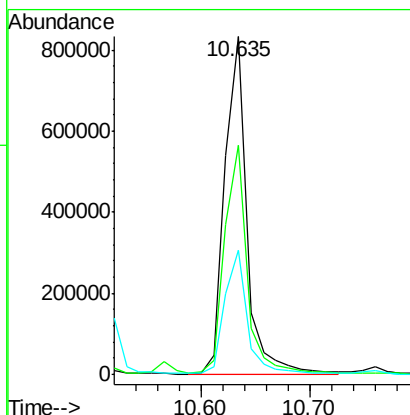
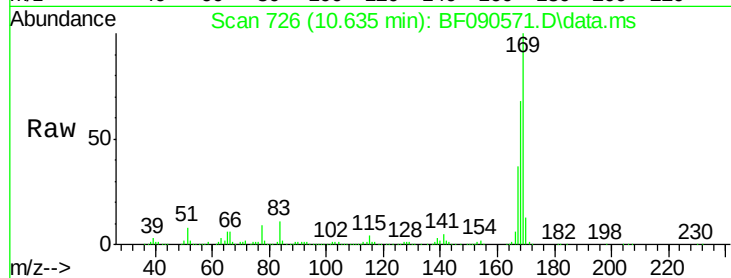
Tot Ion:169 Resp: 1174448

Ion Ratio Lower Upper

169 100

168 68.0 54.6 81.8

167 36.8 29.8 44.8



#66

4-Bromophenyl-phenylether

Concen: 48.00 ng

RT: 11.000 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

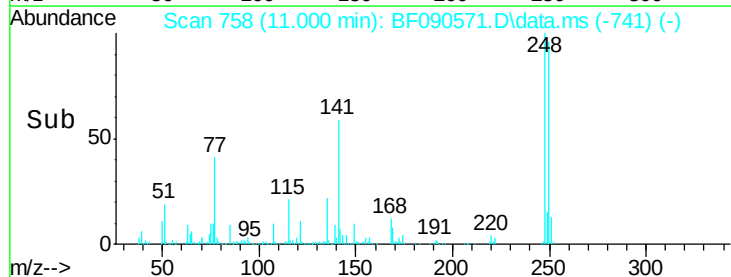
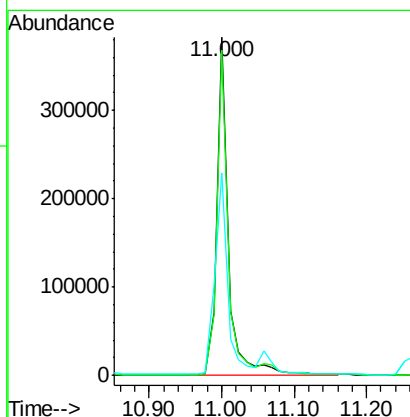
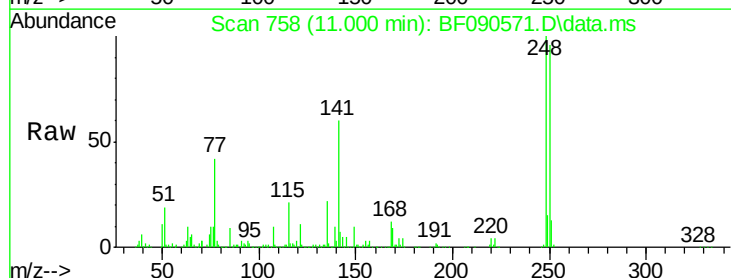
Tgt Ion:248 Resp: 423855

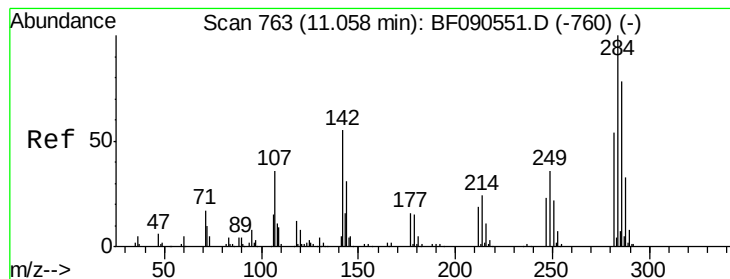
Ion Ratio Lower Upper

248 100

250 96.3 78.4 117.6

141 60.0 48.4 72.6





#67

Hexachlorobenzene

Concen: 45.32 ng

RT: 11.069 min Scan# 76

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

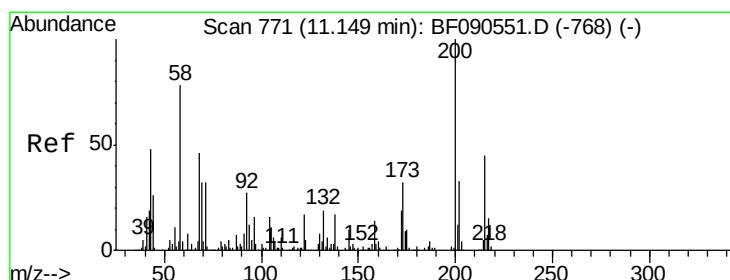
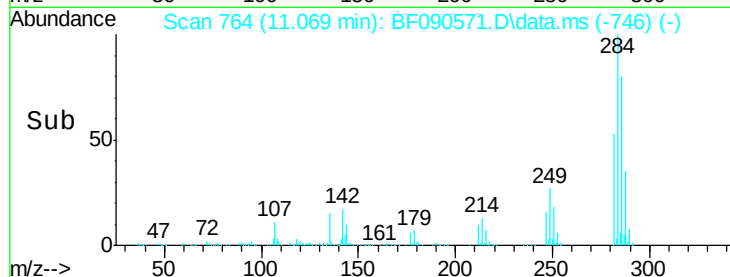
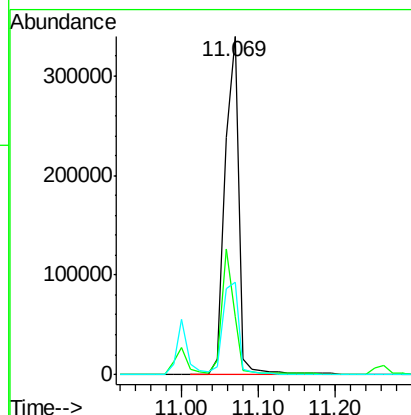
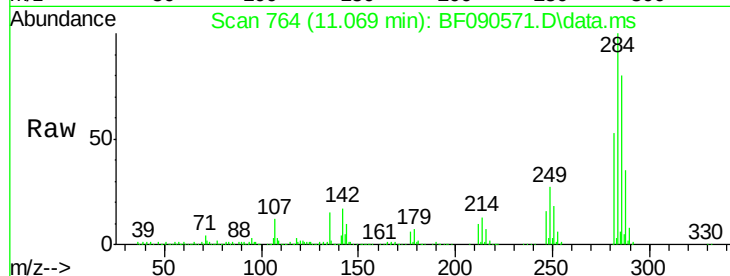
Tot Ion:284 Resp: 434492

Ion Ratio Lower Upper

284 100

142 17.0 44.5 66.7#

249 27.3 29.6 44.4#



#68

Atrazine

Concen: 51.55 ng

RT: 11.161 min Scan# 772

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

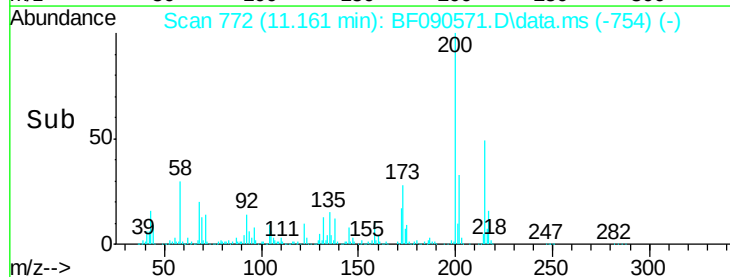
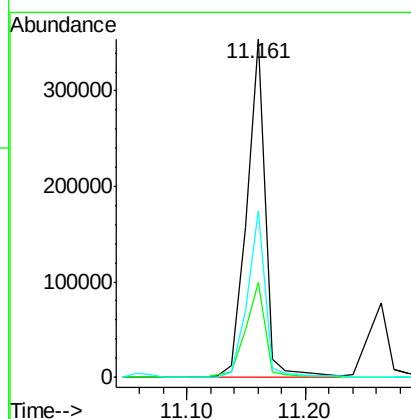
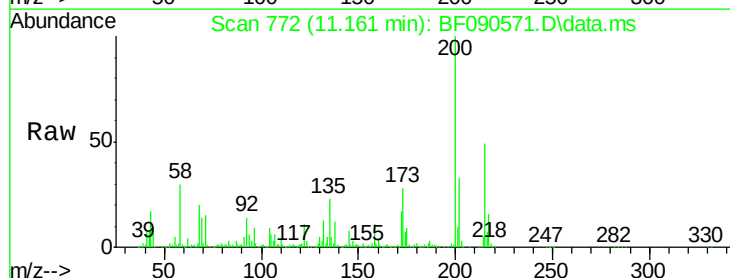
Tgt Ion:200 Resp: 387599

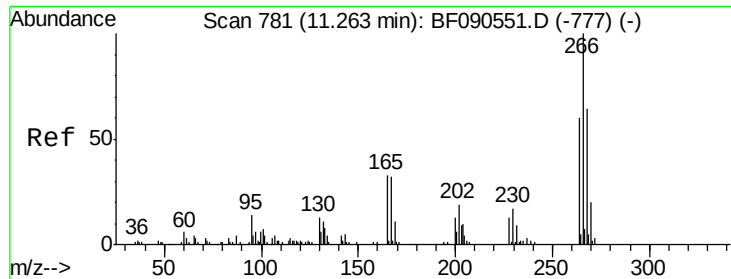
Ion Ratio Lower Upper

200 100

173 27.9 12.0 52.0

215 49.3 25.2 65.2

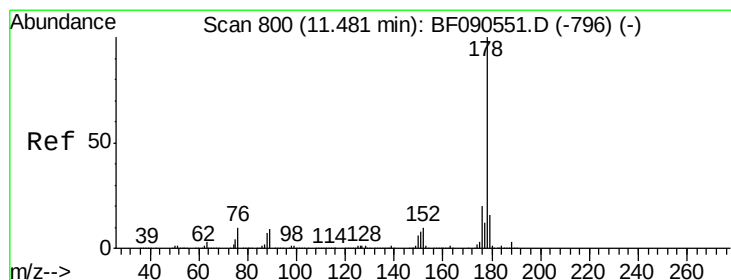
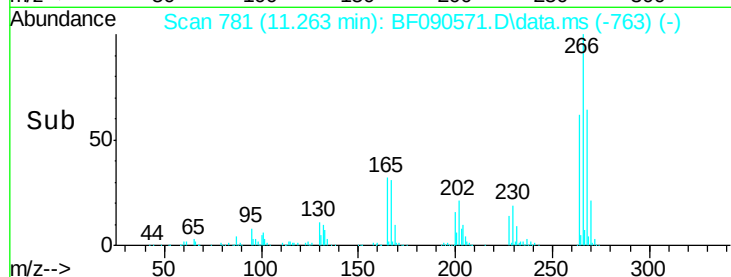
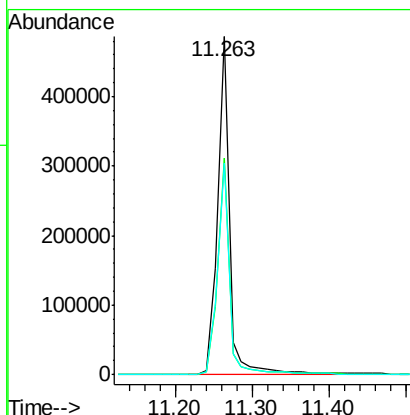
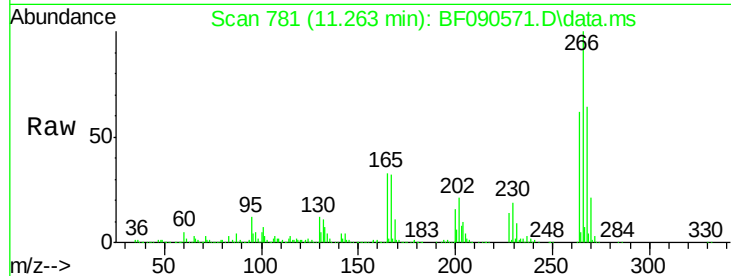




#69
 Pentachlorophenol
 Concen: 110.36 ng
 RT: 11.263 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

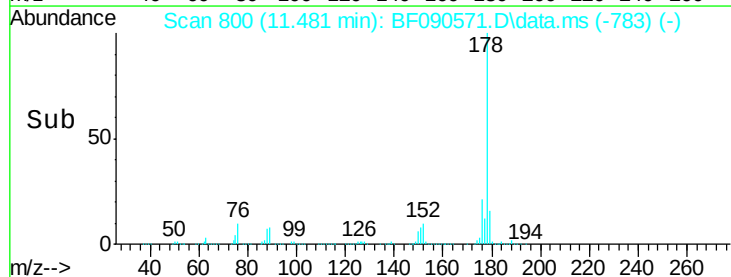
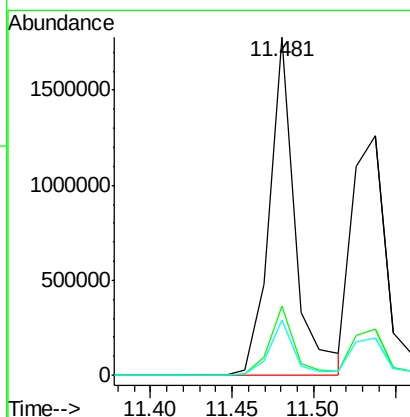
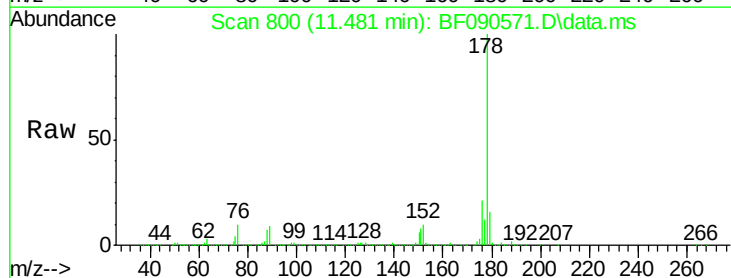
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

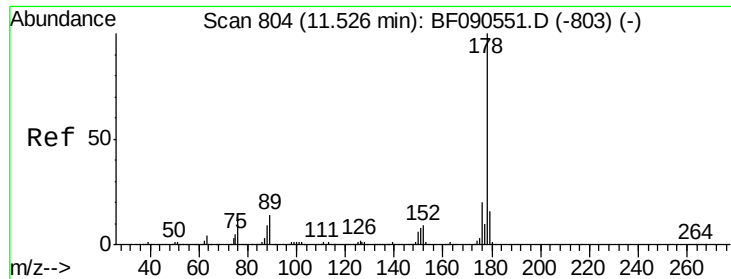
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.5	77.3
264	62.4	47.9	71.9



#70
 Phenanthrene
 Concen: 44.71 ng
 RT: 11.481 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.3	12.6	19.0

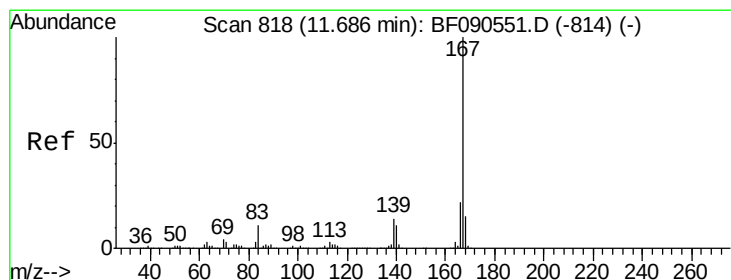
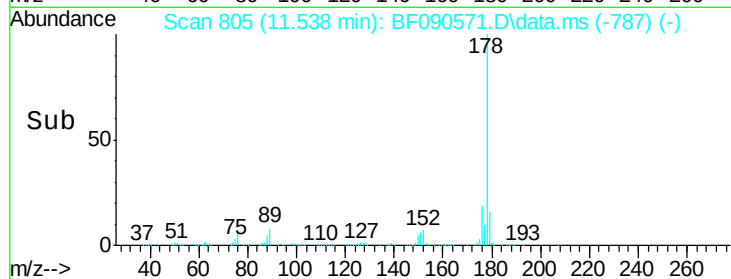
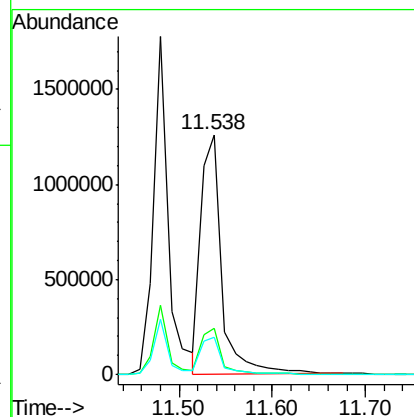
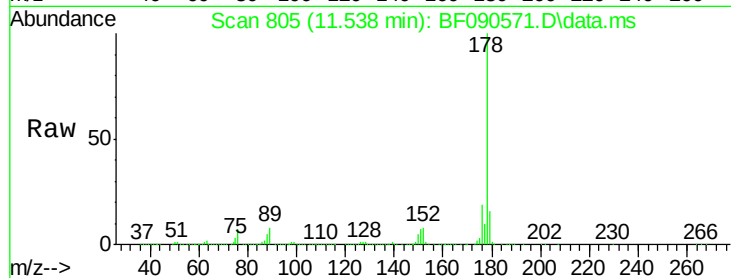




#71
 Anthracene
 Concen: 42.07 ng
 RT: 11.538 min Scan# 80
 Delta R.T. 0.011 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

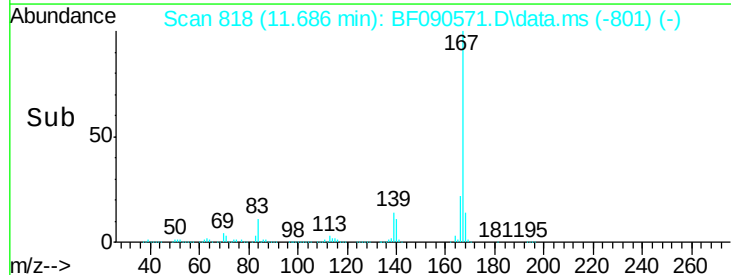
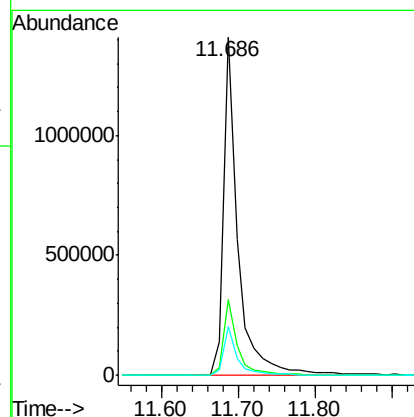
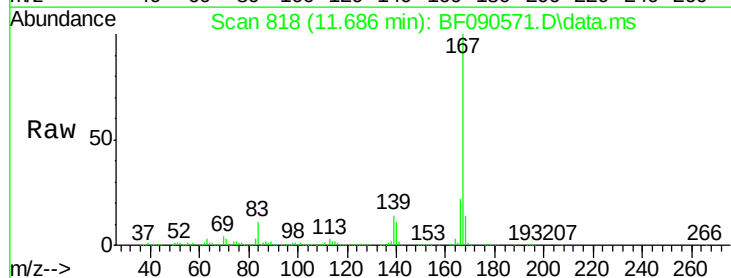
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

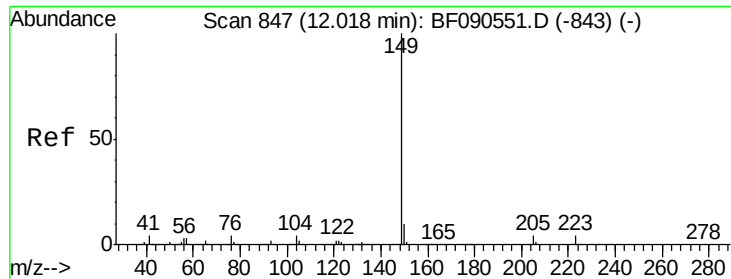
Tot Ion:178 Resp: 1989139
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.7 13.0 19.4



#72
 Carbazole
 Concen: 43.26 ng
 RT: 11.686 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion:167 Resp: 1830964
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.3 11.3 16.9





#73

Di-n-butylphthalate

Concen: 44.82 ng

RT: 12.018 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

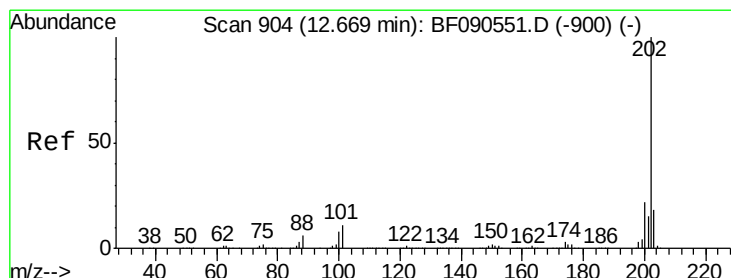
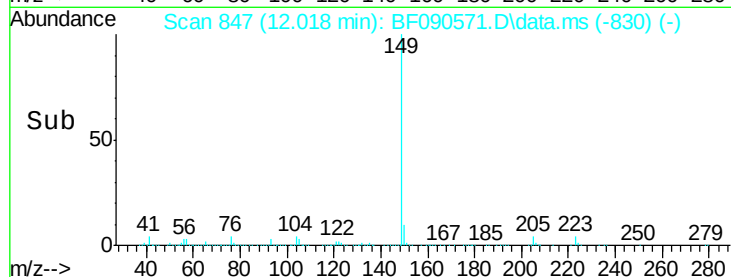
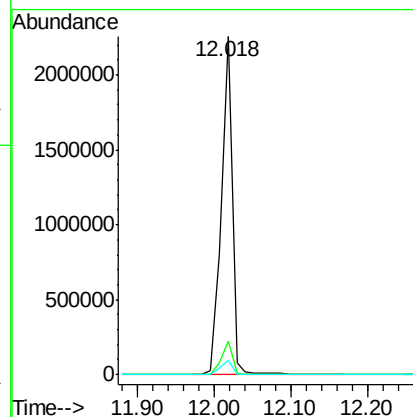
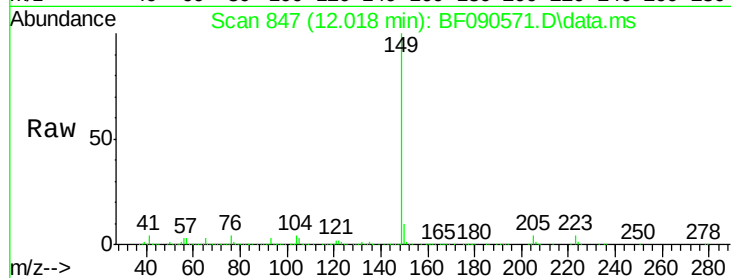
Tot Ion:149 Resp: 2222356

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

104 4.3 3.3 4.9



#74

Fluoranthene

Concen: 45.08 ng

RT: 12.669 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

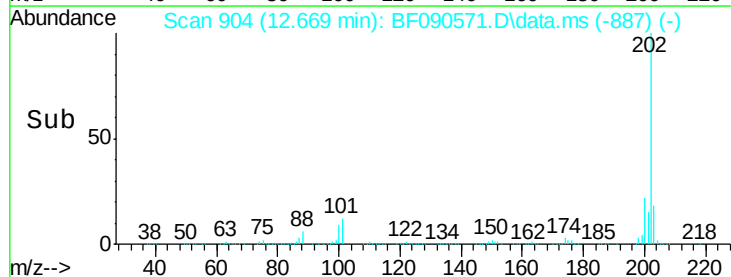
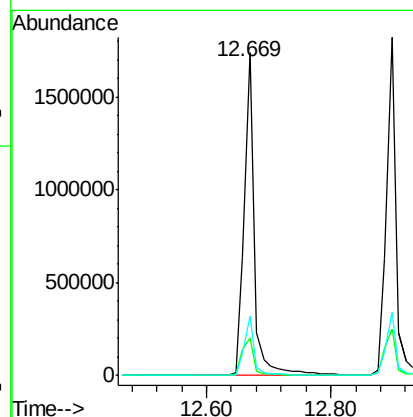
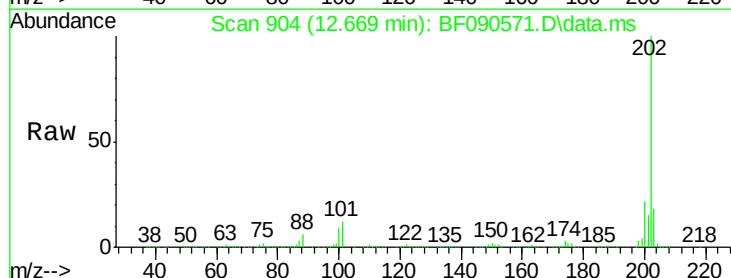
Tgt Ion:202 Resp: 1991818

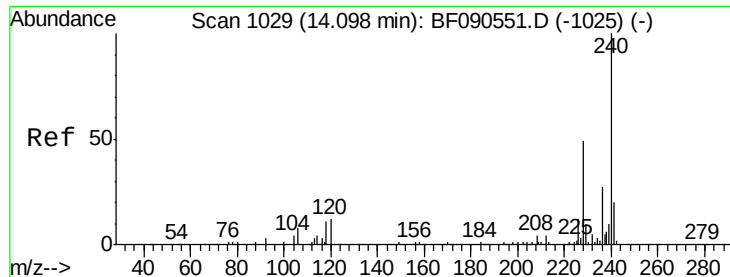
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

203 18.5 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.098 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

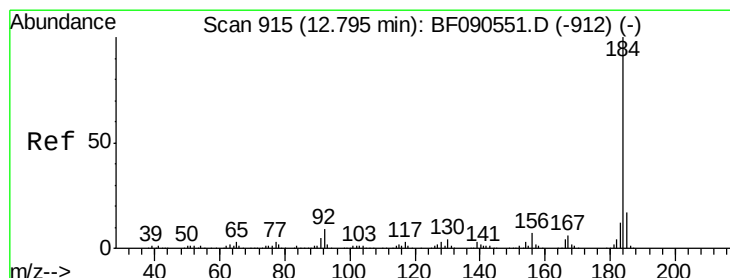
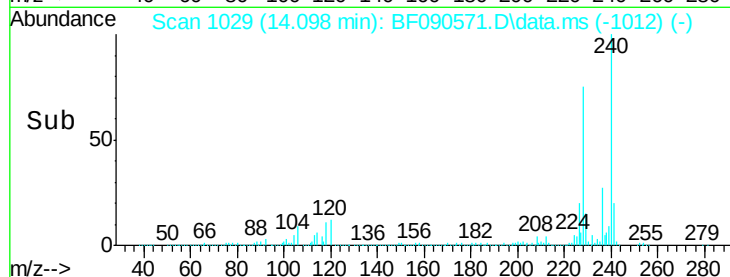
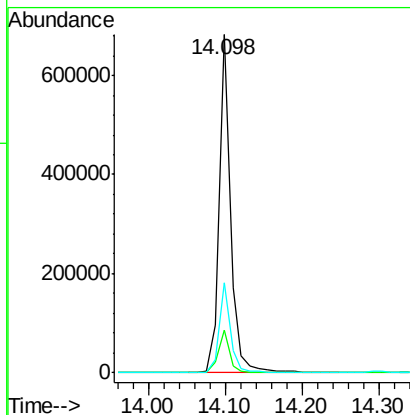
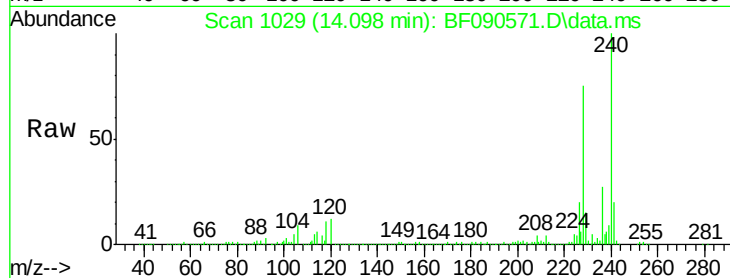
Tot Ion:240 Resp: 702854

Ion Ratio Lower Upper

240 100

120 12.4 9.8 14.8

236 26.6 21.7 32.5



#76

Benzidine

Concen: 38.03 ng

RT: 12.795 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

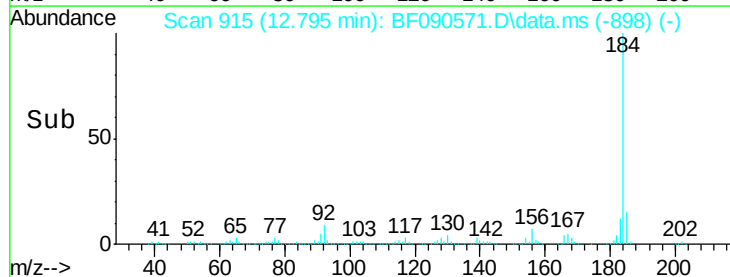
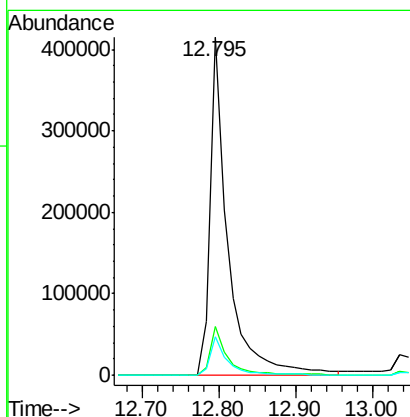
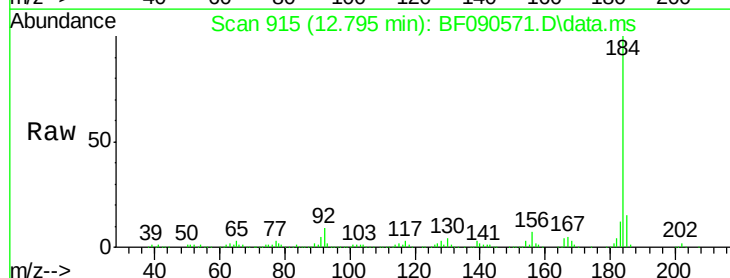
Tgt Ion:184 Resp: 665122

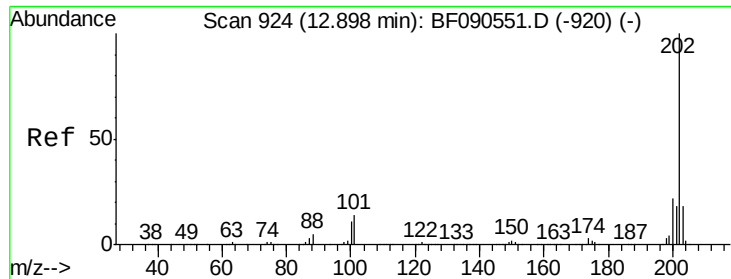
Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

183 11.5 9.4 14.0

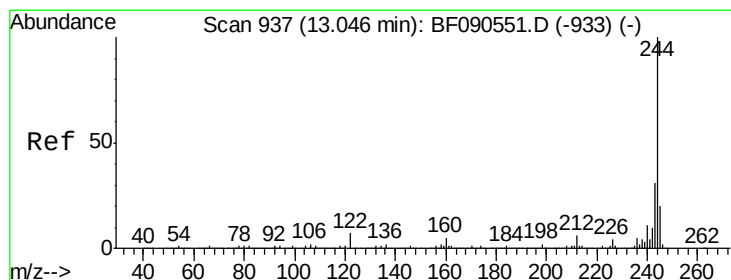
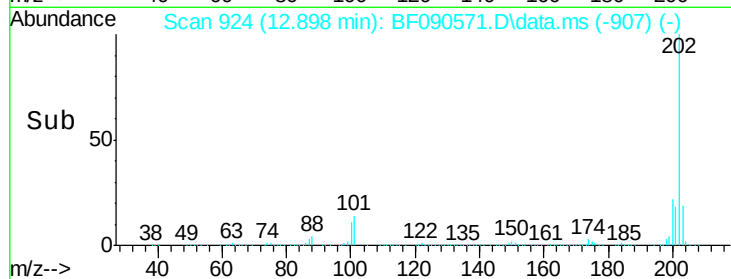
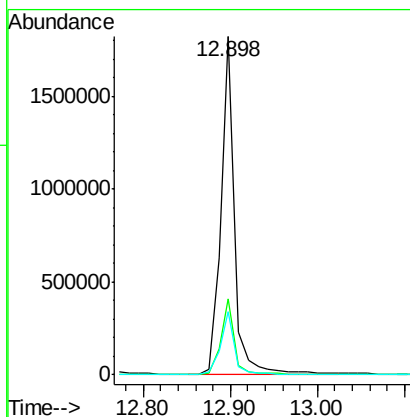
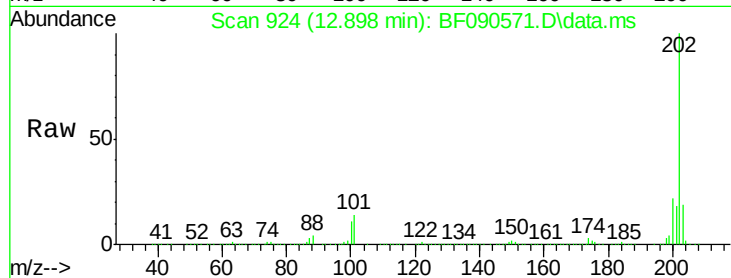




#77
Pvrene
Concen: 42.74 ng
RT: 12.898 min Scan# 92
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

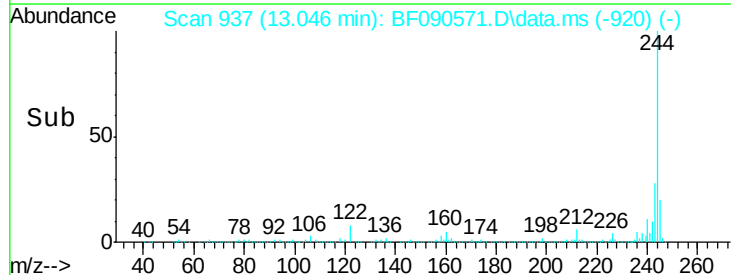
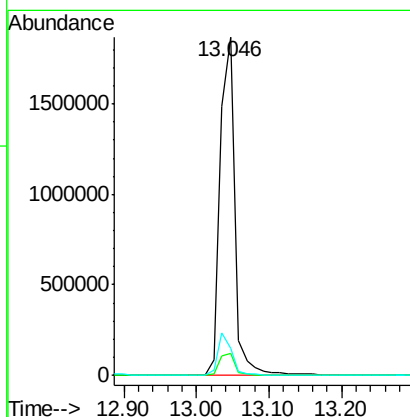
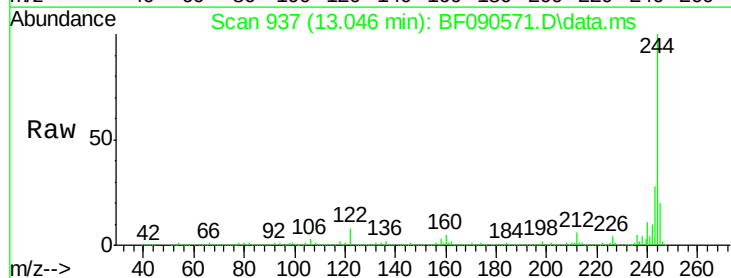
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

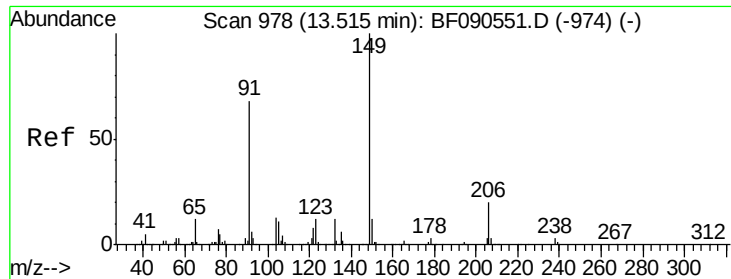
Tot Ion:202 Resp: 1989494
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.7 14.6 21.8



#78
Terphenyl-d14
Concen: 87.46 ng
RT: 13.046 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:244 Resp: 2640031
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 7.9 5.6 8.4

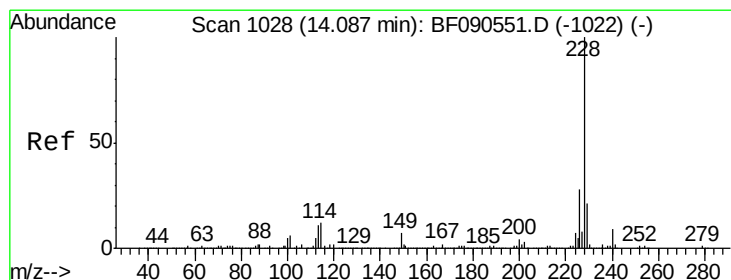
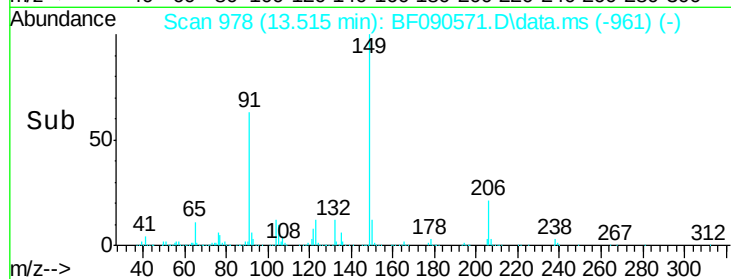
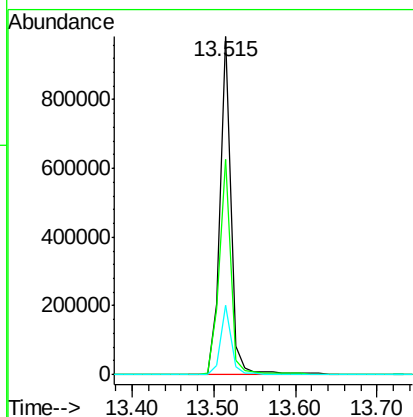
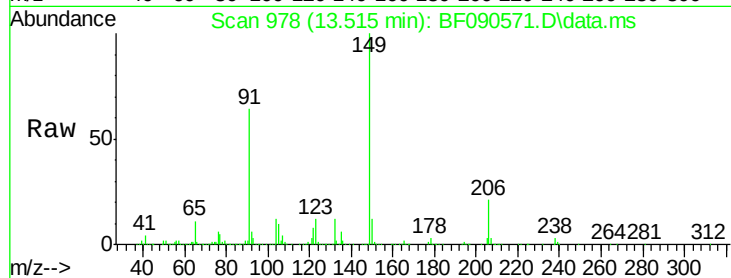




#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 13.515 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

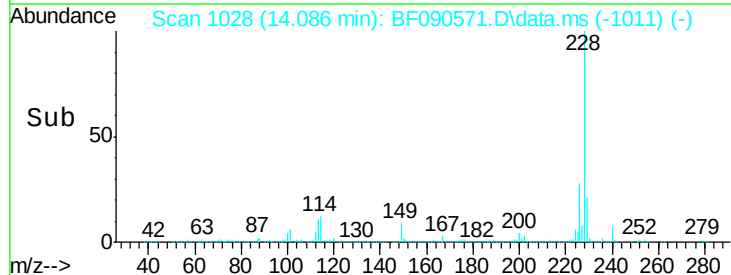
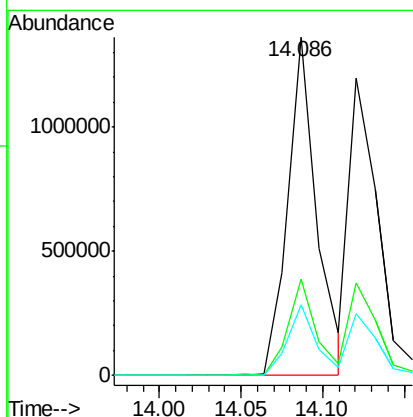
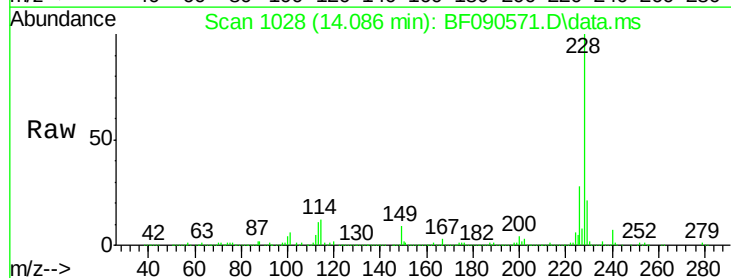
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

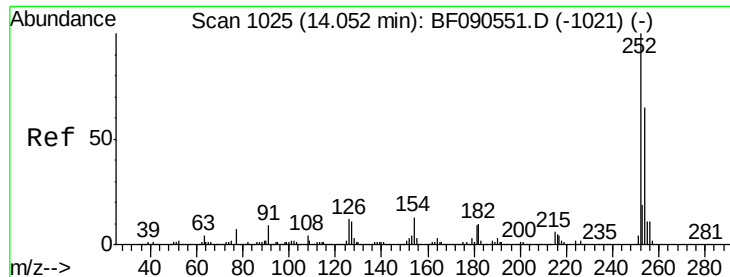
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	54.3	81.5
206	20.6	15.8	23.6



#80
Benzo(a)anthracene
Concen: 42.26 ng
RT: 14.086 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	20.8	16.6	25.0

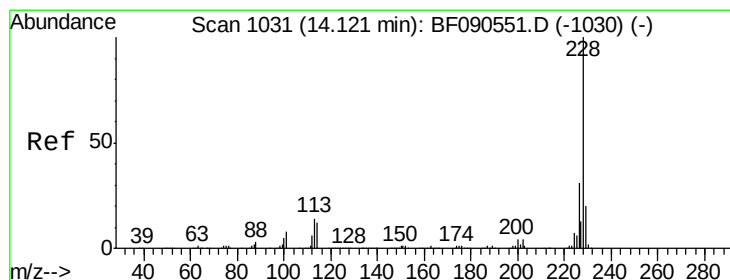
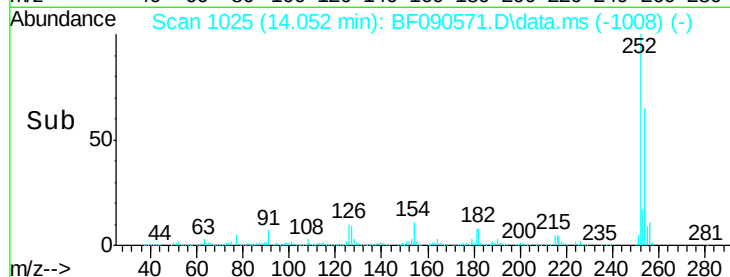
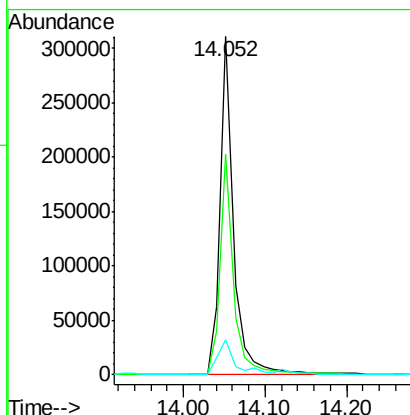
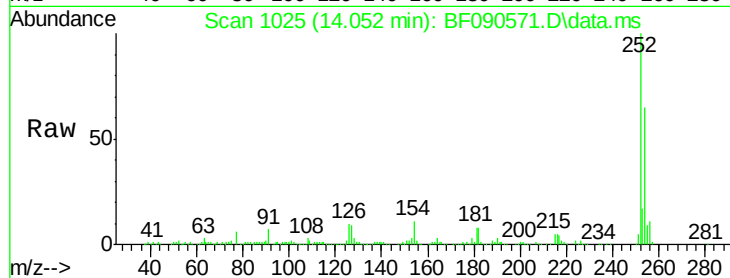




#81
 3,3'-Dichlorobenzidine
 Concen: 26.03 ng
 RT: 14.052 min Scan# 1025
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

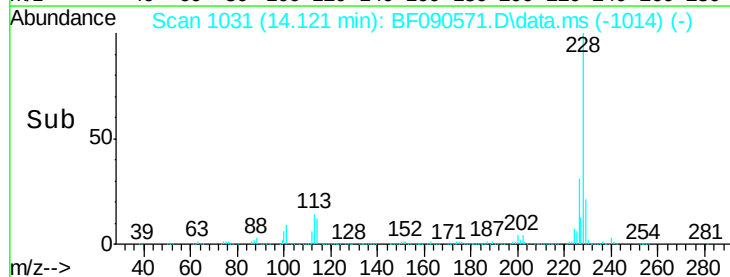
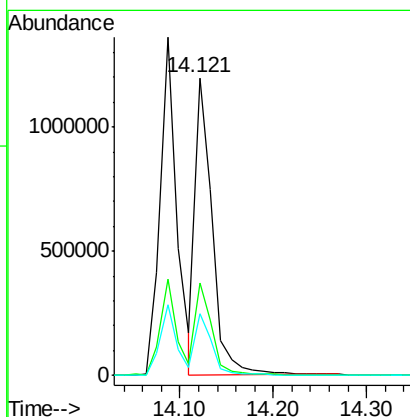
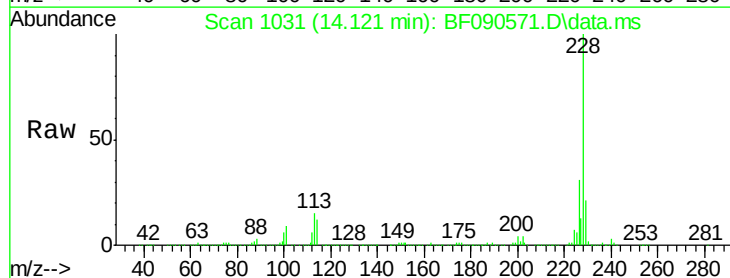
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

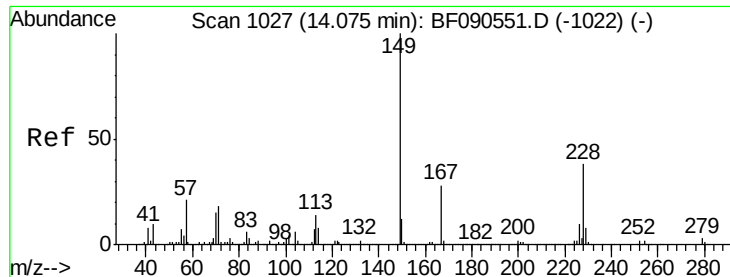
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.1	9.3	13.9



#82
 Chrysene
 Concen: 39.75 ng
 RT: 14.121 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.52 ng

RT: 14.075 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

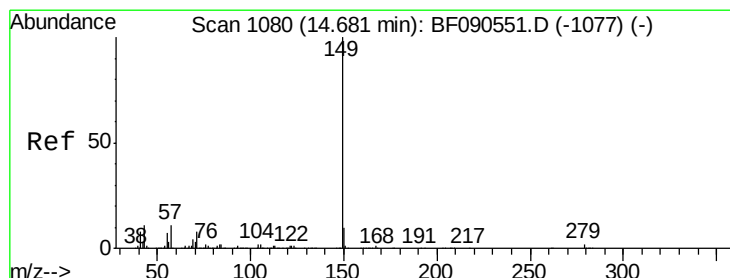
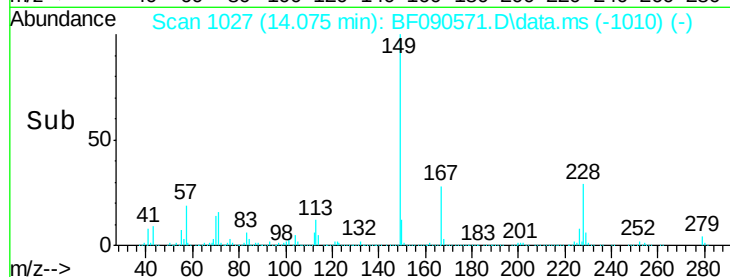
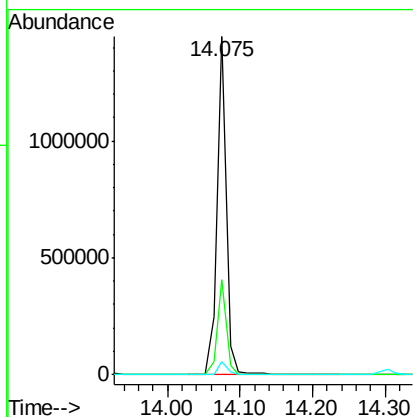
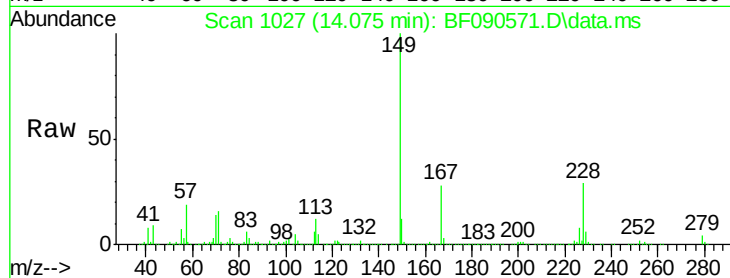
Tot Ion:149 Resp: 1266694

Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 3.7 2.6 4.0



#84

Di-n-octyl phthalate

Concen: 52.75 ng

RT: 14.692 min Scan# 1081

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

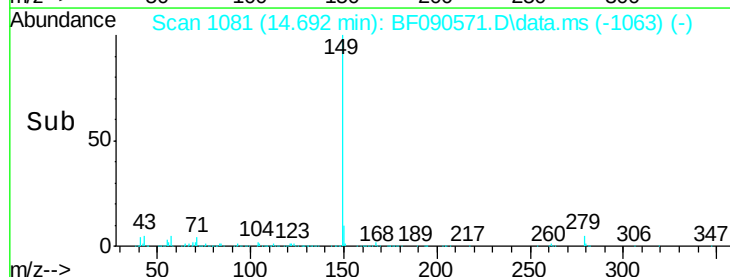
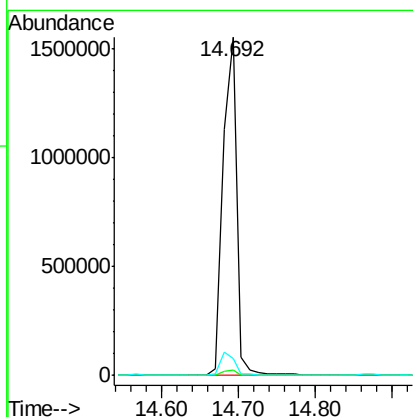
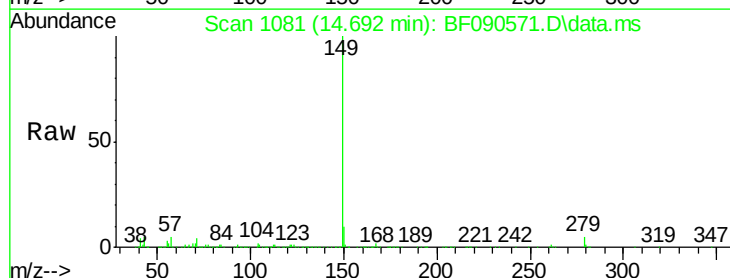
Tgt Ion:149 Resp: 1967809

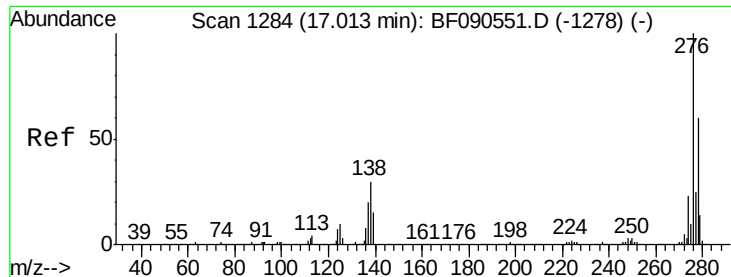
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.6 6.7 10.1#

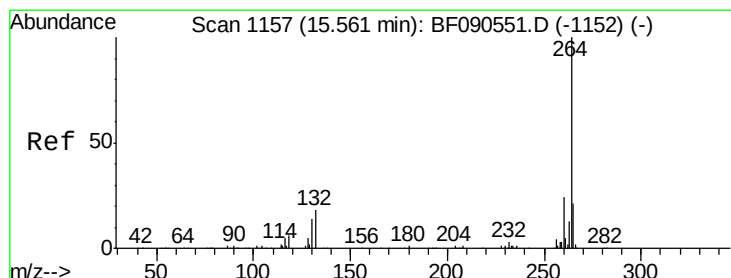
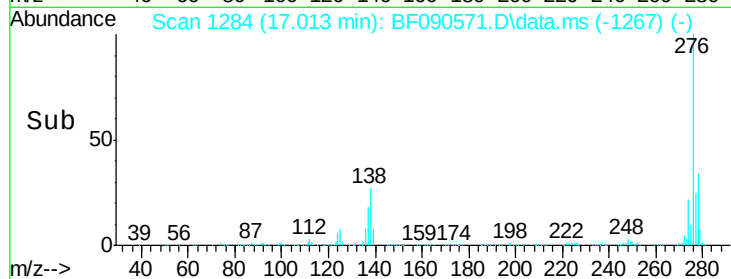
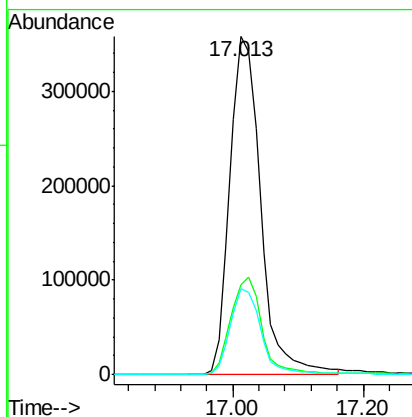
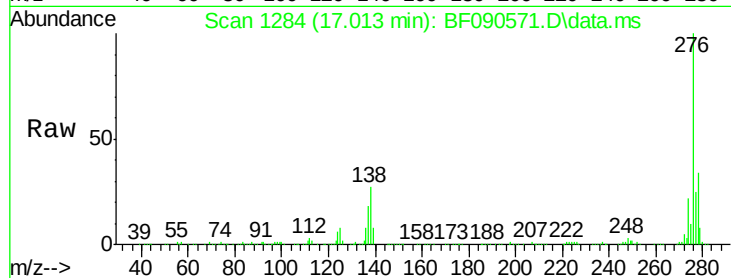




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.50 ng
 RT: 17.013 min Scan# 1284
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

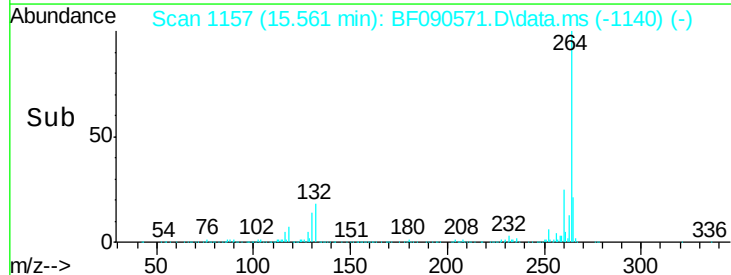
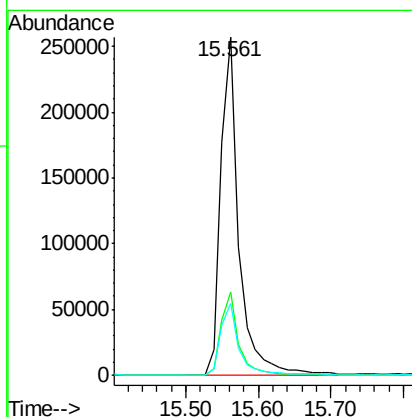
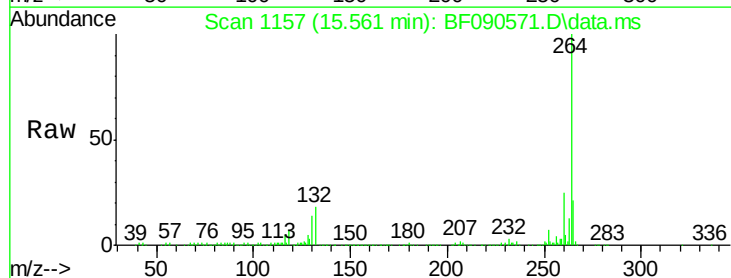
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MSD

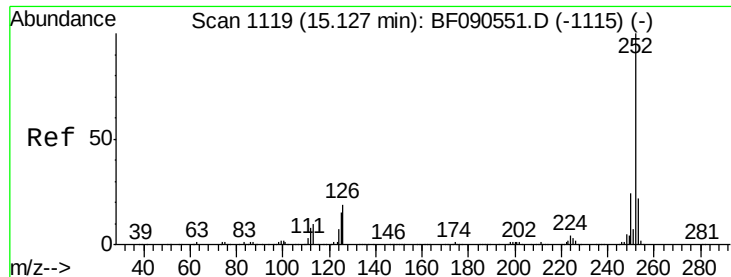
Tot Ion:276 Resp: 1170189
 Ion Ratio Lower Upper
 276 100
 138 29.1 25.8 38.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.561 min Scan# 1157
 Delta R.T. -0.000 min
 Lab File: BF090571.D
 Acq: 14 Oct 2016 15:38

Tgt Ion:264 Resp: 447133
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.2 16.7 25.1

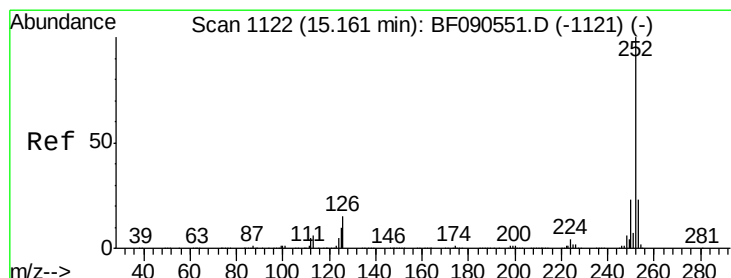
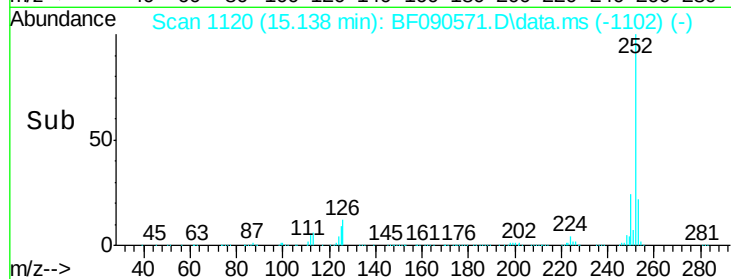
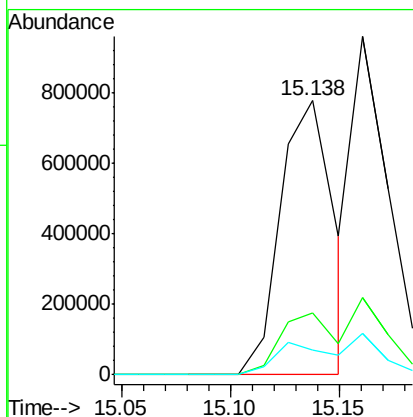
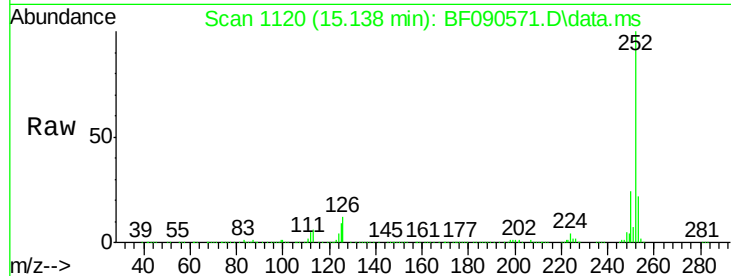




#87
Benzo(b)fluoranthene
Concen: 45.20 ng
RT: 15.138 min Scan# 1119
Delta R.T. 0.011 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

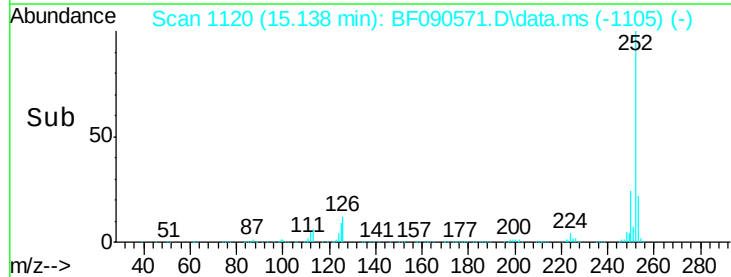
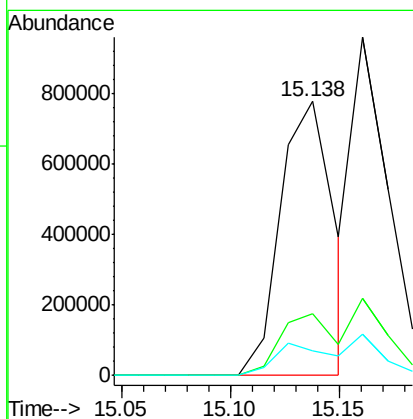
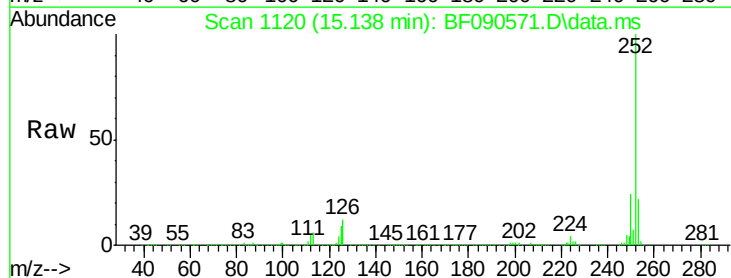
Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MSD

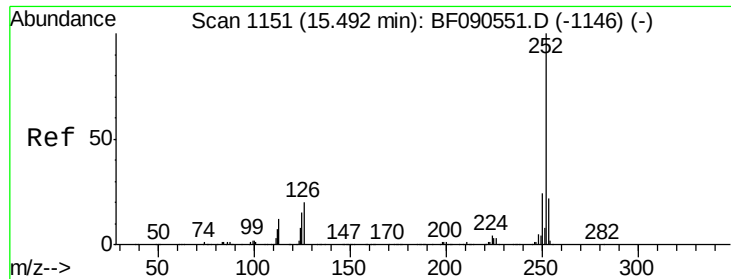
Tot Ion:252 Resp: 1322497
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 42.01 ng
RT: 15.138 min Scan# 1120
Delta R.T. -0.023 min
Lab File: BF090571.D
Acq: 14 Oct 2016 15:38

Tgt Ion:252 Resp: 1322497
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.1 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 43.32 ng

RT: 15.504 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

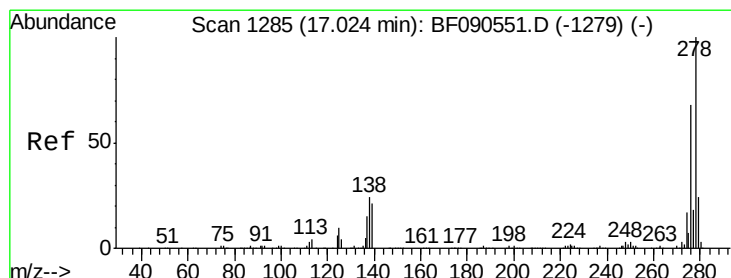
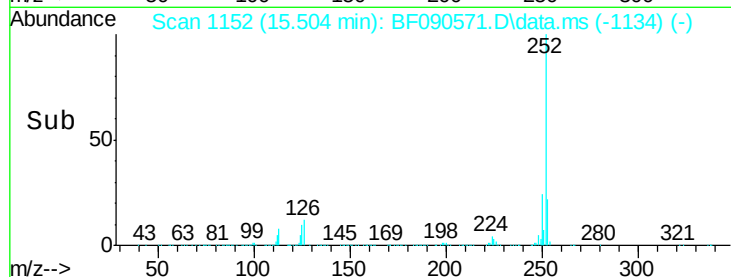
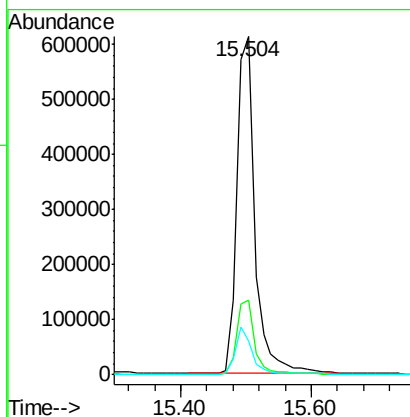
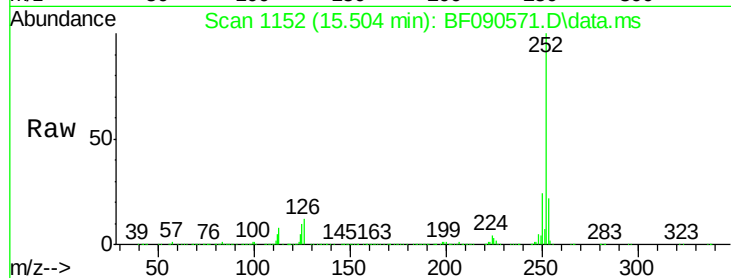
Tot Ion:252 Resp: 1160269

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.9 12.3 18.5#



#90

Dibenzo(a,h)anthracene

Concen: 48.45 ng

RT: 17.035 min Scan# 1286

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

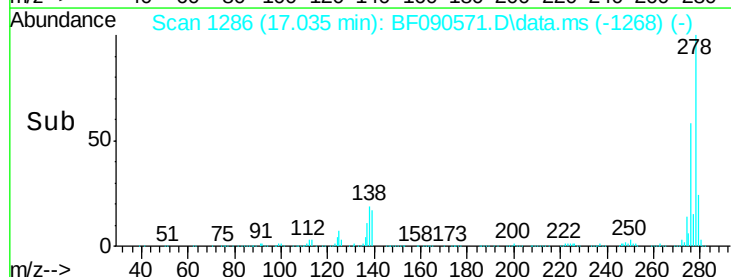
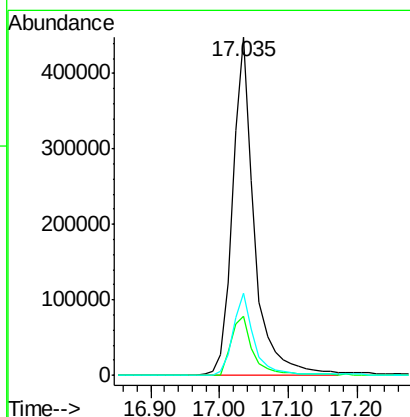
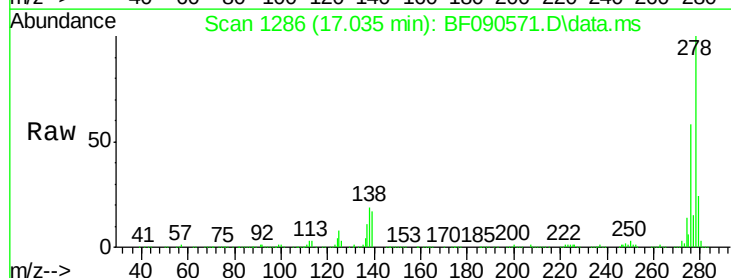
Tgt Ion:278 Resp: 989766

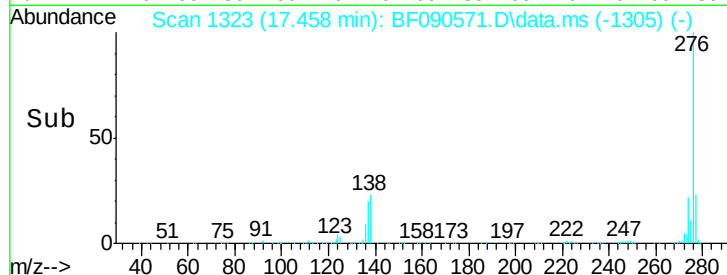
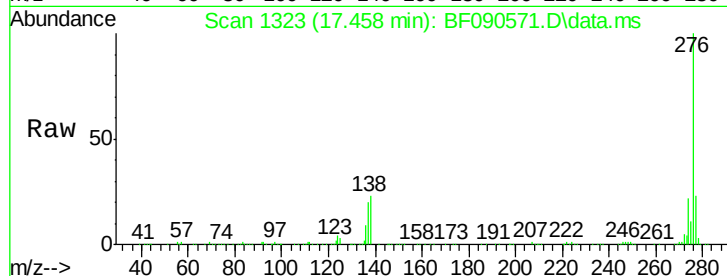
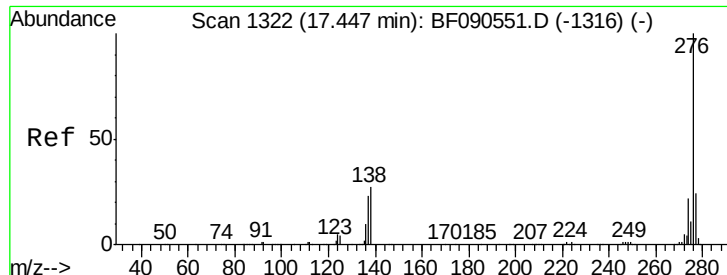
Ion Ratio Lower Upper

278 100

139 17.5 16.6 25.0

279 24.2 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 47.83 ng

RT: 17.458 min Scan# 13

Delta R.T. 0.011 min

Lab File: BF090571.D

Acq: 14 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MSD

Tot Ion:276 Resp: 931665

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.3 21.8 32.8

