

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091438.D
 Acq On : 6 Dec 2016 00:36
 Operator : UM/SJ
 Sample : H5802-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Quant Time: Dec 06 01:02:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123845	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	522109	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	294132	20.00	ng	0.01
63) Phenanthrene-d10	11.37	188	448367	20.00	ng	0.00
75) Chrysene-d12	14.01	240	294764	20.00	ng	0.01
86) Perylene-d12	15.43	264	274550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	520518	68.66	ng	0.01
7) Phenol-d6	6.48	99	467983	50.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	880681	94.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	409296	146.99	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1801468	110.90	ng	0.01
78) Terphenyl-d14	12.96	244	1450784	106.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	58078	16.93	ng	# 78
3) Pyridine	3.22	79	138924	14.31	ng	# 82
4) n-Nitrosodimethylamine	3.14	42	113775	22.34	ng	93
6) Aniline	6.52	93	263712	21.27	ng	# 69
8) 2-Chlorophenol	6.64	128	355976	42.83	ng	99
9) Benzaldehyde	6.39	77	109283	18.21	ng	91
10) Phenol	6.50	94	187392	17.07	ng	# 71
11) bis(2-Chloroethyl)ether	6.58	93	353059	45.00	ng	95
12) 1,3-Dichlorobenzene	6.79	146	411362	44.49	ng	97
13) 1,4-Dichlorobenzene	6.87	146	436981	47.51	ng	99
14) 1,2-Dichlorobenzene	7.02	146	369743	43.16	ng	98
15) Benzyl Alcohol	7.00	79	272858	36.53	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	782534	46.38	ng	72
17) 2-Methylphenol	7.11	107	235636	35.86	ng	# 75
18) Hexachloroethane	7.36	117	148573	45.50	ng	# 85
19) n-Nitroso-di-n-propylamine	7.27	70	319023	54.26	ng	# 97
20) 3+4-Methylphenols	7.27	107	280694	35.00	ng	# 60
22) Acetophenone	7.26	105	604819	48.88	ng	# 85
24) Nitrobenzene	7.44	77	488660	51.23	ng	# 81
25) Isophorone	7.68	82	860739	52.15	ng	99
26) 2-Nitrophenol	7.75	139	201974	46.46	ng	97
27) 2,4-Dimethylphenol	7.80	122	334832	41.18	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	501718	50.50	ng	99
29) 2,4-Dichlorophenol	8.00	162	366590	51.25	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	413736	51.59	ng	98
31) Naphthalene	8.16	128	1235100	49.77	ng	100
32) Benzoic acid	7.89	122	58160	9.70	ng	94
33) 4-Chloroaniline	8.21	127	138157	13.02	ng	98
34) Hexachlorobutadiene	8.29	225	236747	48.01	ng	99
35) Caprolactam	8.62	113	21062	10.24	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	367119	47.54	ng	85
37) 2-Methylnaphthalene	8.85	142	825633	48.98	ng	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	422568	50.96	ng	99
40) Hexachlorocyclopentadiene	9.01	237	185832	48.35	ng	98

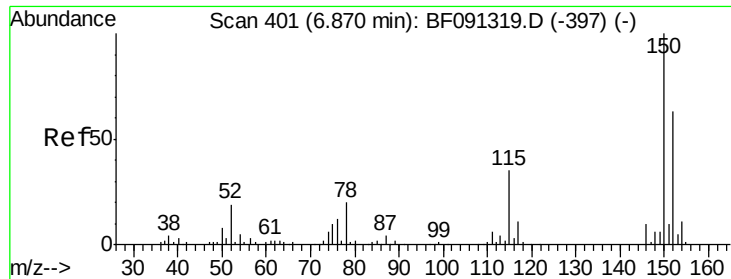
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	296141	54.95	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	257632	47.71	ng	94
45) 1,1'-Biphenyl	9.32	154	961206	45.45	ng	97
46) 2-Chloronaphthalene	9.34	162	724931	46.02	ng	98
47) 2-Nitroaniline	9.44	65	292269	51.66	ng	99
48) Acenaphthylene	9.76	152	1172394	47.28	ng	100
49) Dimethylphthalate	9.62	163	863289	48.47	ng	97
50) 2,6-Dinitrotoluene	9.68	165	208865	52.47	ng	93
51) Acenaphthene	9.93	154	910143	54.42	ng	95
52) 3-Nitroaniline	9.85	138	72579	15.75	ng	# 81
53) 2,4-Dinitrophenol	9.96	184	152283	87.48	ng	# 82
54) Dibenzofuran	10.10	168	1205716	53.84	ng	90
55) 4-Nitrophenol	10.02	139	120865	36.32	ng	89
56) 2,4-Dinitrotoluene	10.08	165	254363	49.26	ng	# 66
57) Fluorene	10.45	166	923761	53.73	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228153	49.47	ng	# 96
59) Diethylphthalate	10.32	149	879359	50.02	ng	97
60) 4-Chlorophenyl-phenylether	10.44	204	437428	50.73	ng	# 90
61) 4-Nitroaniline	10.46	138	134383	31.06	ng	84
62) Azobenzene	10.60	77	1014479	56.55	ng	91
64) 4,6-Dinitro-2-methylphenol	10.49	198	137641	55.72	ng	# 45
65) n-Nitrosodiphenylamine	10.56	169	808782	59.50	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	302085	62.68	ng	# 84
67) Hexachlorobenzene	10.98	284	290595	55.80	ng	# 73
68) Atrazine	11.11	200	177215	40.25	ng	98
69) Pentachlorophenol	11.19	266	337050	109.94	ng	95
70) Phenanthrene	11.41	178	1309329	56.20	ng	99
71) Anthracene	11.45	178	1185959	51.29	ng	99
72) Carbazole	11.61	167	1083502	51.64	ng	98
73) Di-n-butylphthalate	11.94	149	1219470	51.28	ng	99
74) Fluoranthene	12.58	202	1084028	49.12	ng	99
77) Pyrene	12.81	202	1081728	48.36	ng	99
79) Butylbenzylphthalate	13.44	149	478520	57.13	ng	86
80) Benzo(a)anthracene	14.00	228	906269	52.57	ng	99
82) Chrysene	14.04	228	884541	51.86	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	681148	64.15	ng	# 93
84) Di-n-octyl phthalate	14.61	149	1014914	63.17	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	920886	58.95	ng	# 91
87) Benzo(b)fluoranthene	15.05	252	1682164	98.57	ng	98
88) Benzo(k)fluoranthene	15.05	252	1683511	117.32	ng	# 96
89) Benzo(a)pyrene	15.37	252	818473	53.41	ng	# 96
90) Dibenzo(a,h)anthracene	16.86	278	777628	54.86	ng	# 91
91) Benzo(g,h,i)perylene	17.26	276	741146	50.71	ng	# 95

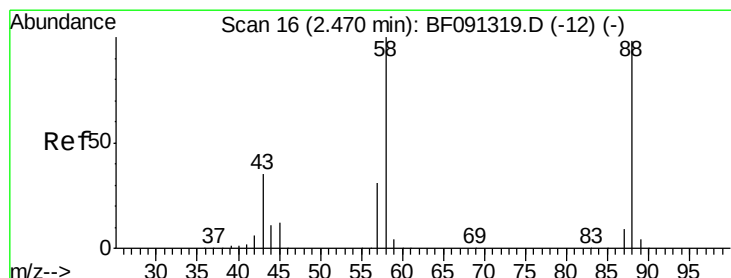
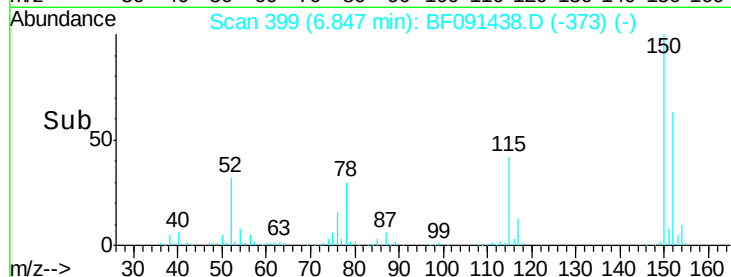
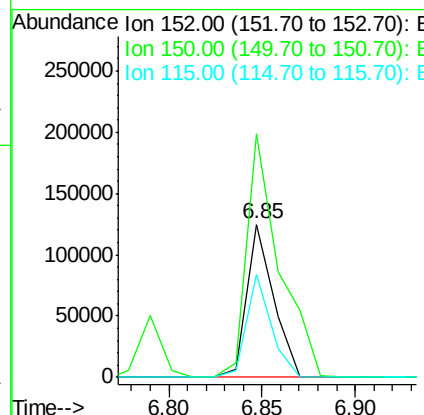
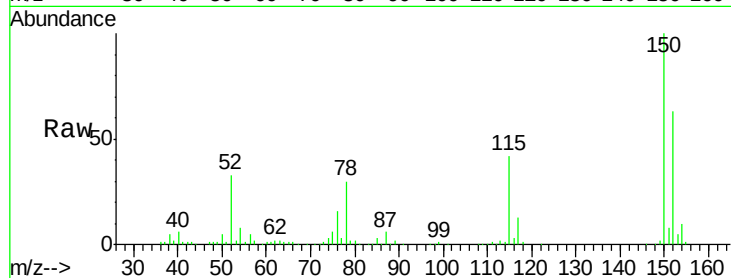
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

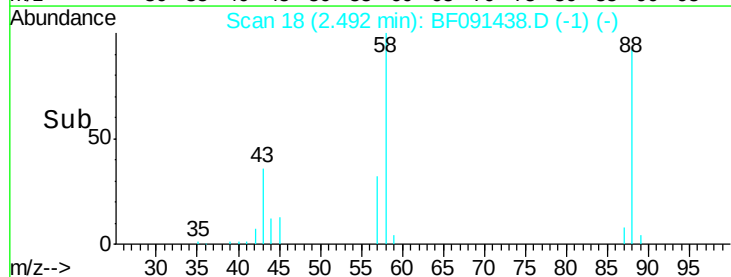
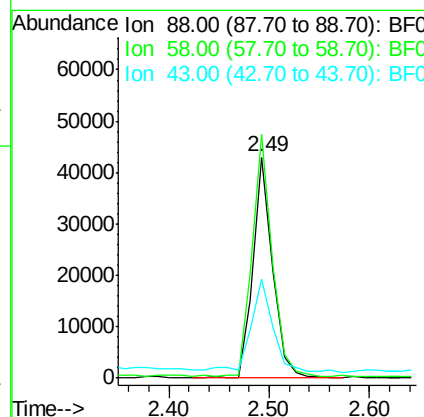
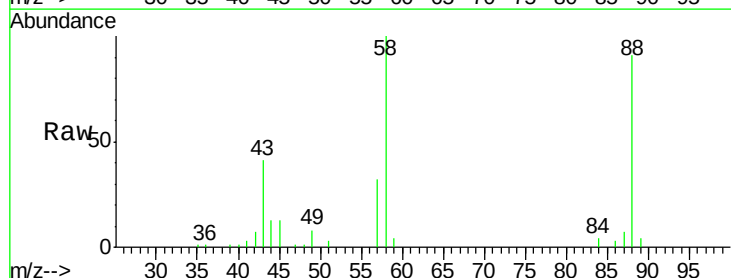
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

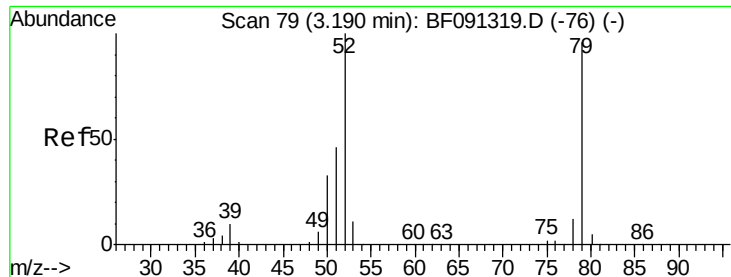
Tgt Ion:152 Resp: 123845
 Ion Ratio Lower Upper
 152 100
 150 159.1 122.5 183.7
 115 67.6 51.8 77.8



#2
 1,4-Dioxane
 Concen: 16.93 ng
 RT: 2.49 min Scan# 18
 Delta R.T. 0.05 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion: 88 Resp: 58078
 Ion Ratio Lower Upper
 88 100
 58 111.5 70.3 105.5#
 43 48.3 31.3 46.9#





#3

Pyridine

Concen: 14.31 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.07 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

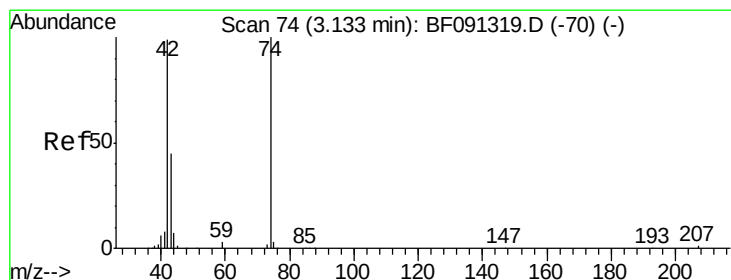
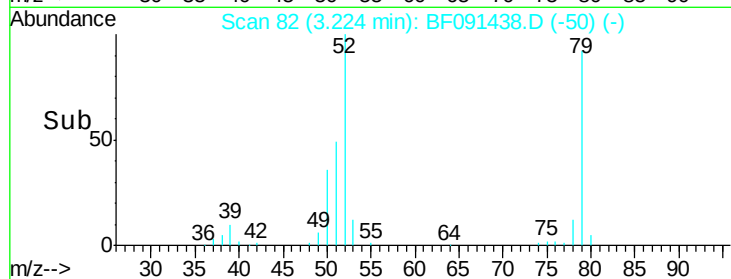
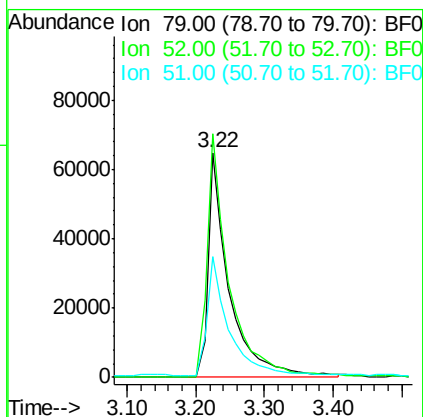
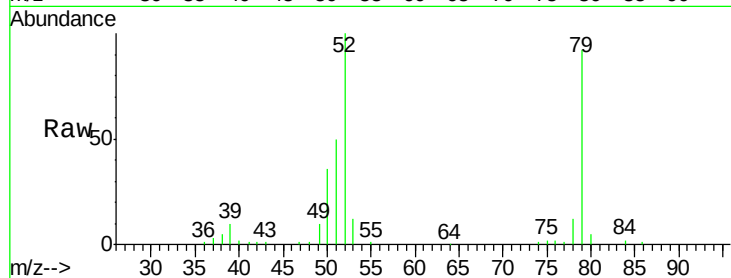
BNA_F

ClientSampleId :

MW-04MSD

Tgt Ion: 79 Resp: 138924

Ion	Ratio	Lower	Upper
79	100		
52	108.5	71.0	106.4#
51	54.0	37.0	55.4



#4

n-Nitrosodimethylamine

Concen: 22.34 ng

RT: 3.14 min Scan# 75

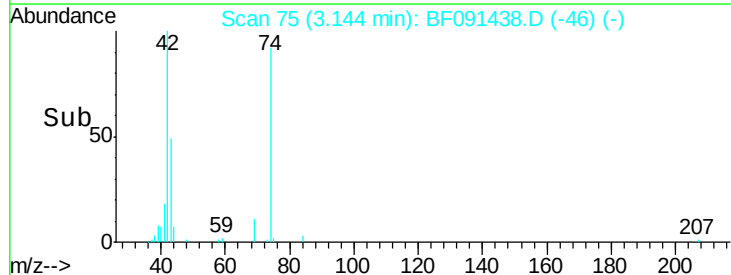
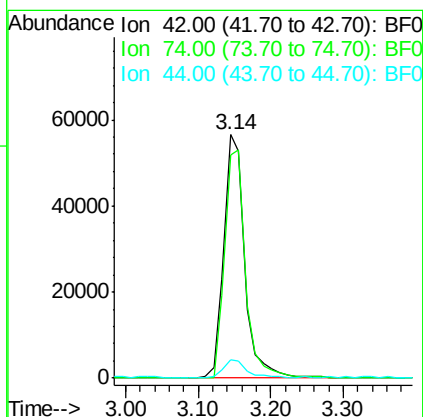
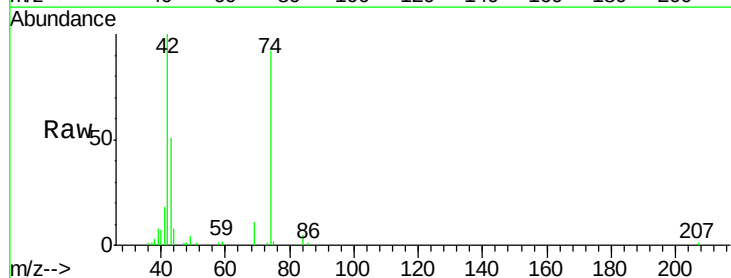
Delta R.T. 0.03 min

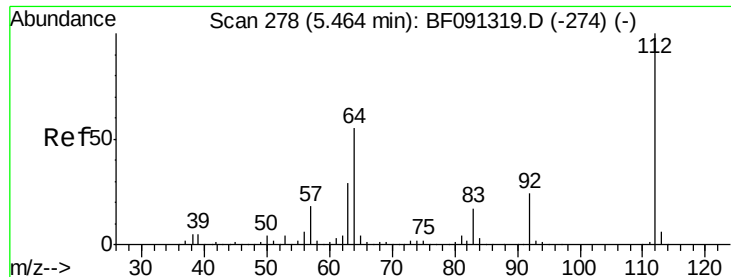
Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion: 42 Resp: 113775

Ion	Ratio	Lower	Upper
42	100		
74	91.5	78.9	118.3
44	7.7	5.8	8.6





#5

2-Fluorophenol

Concen: 68.66 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

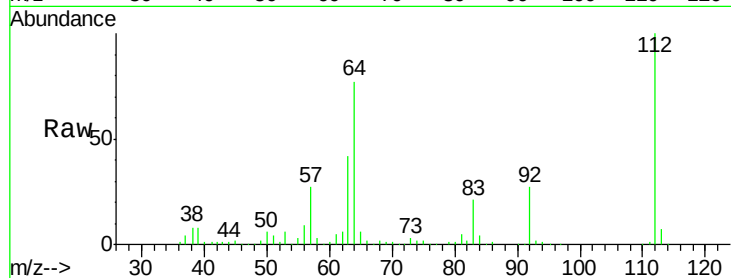
Tgt Ion: 112 Resp: 520518

Ion Ratio Lower Upper

112 100

64 76.7 61.5 92.3

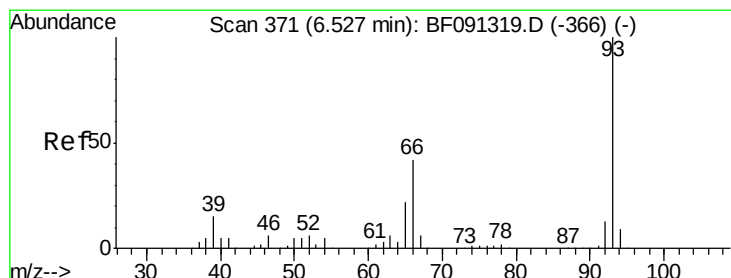
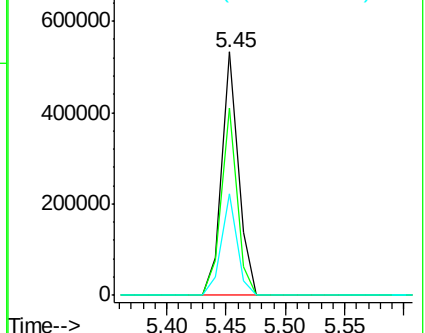
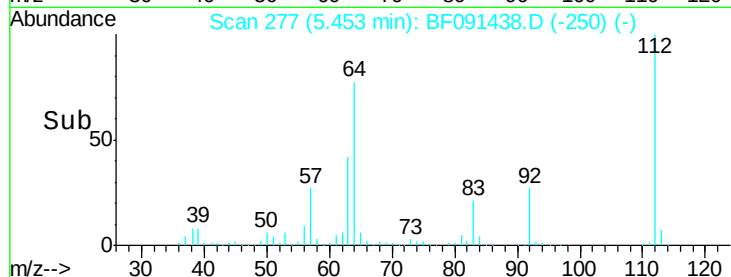
63 41.7 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.27 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

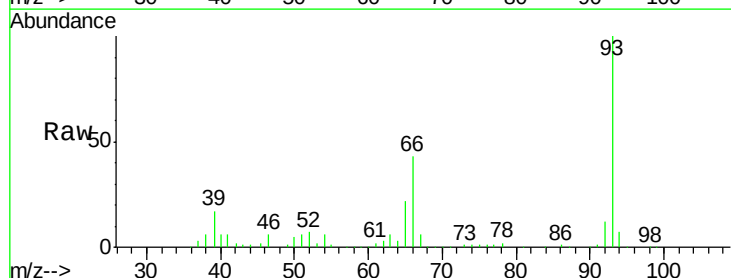
Tgt Ion: 93 Resp: 263712

Ion Ratio Lower Upper

93 100

66 42.5 55.8 83.6#

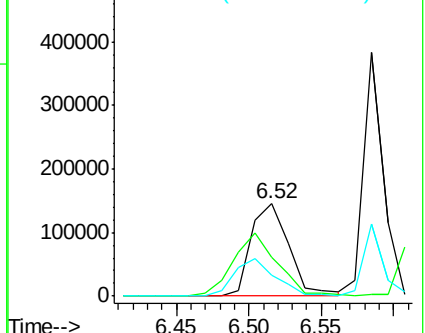
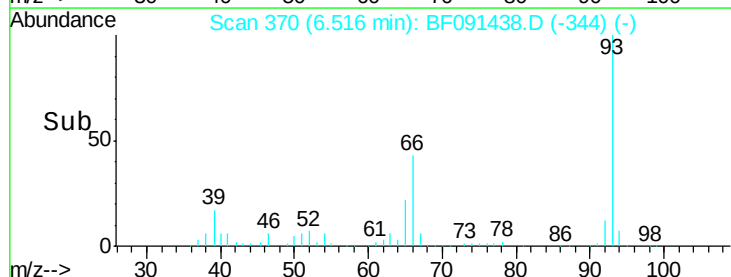
65 22.1 29.9 44.9#

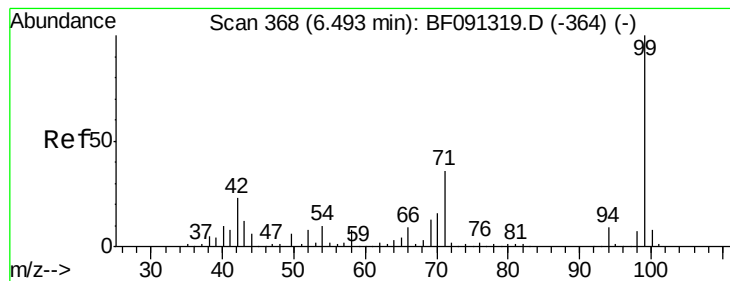


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.15 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

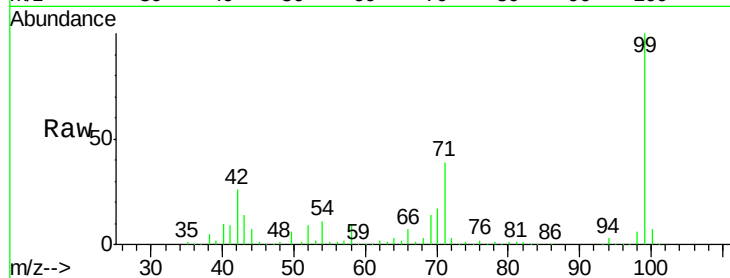
Tgt Ion: 99 Resp: 467983

Ion Ratio Lower Upper

99 100

42 26.4 20.6 31.0

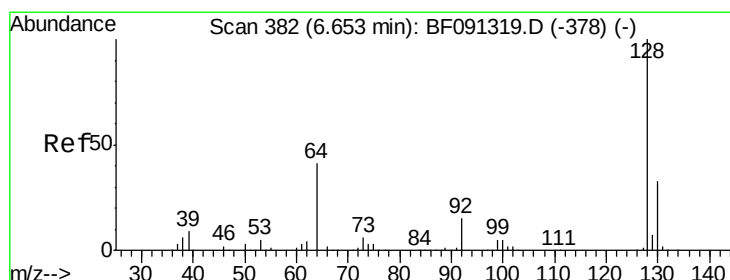
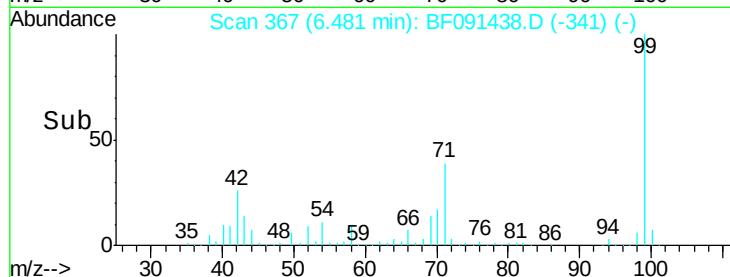
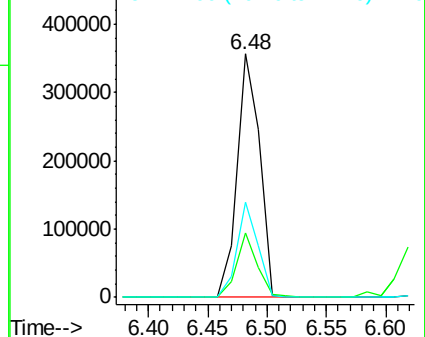
71 39.3 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.83 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

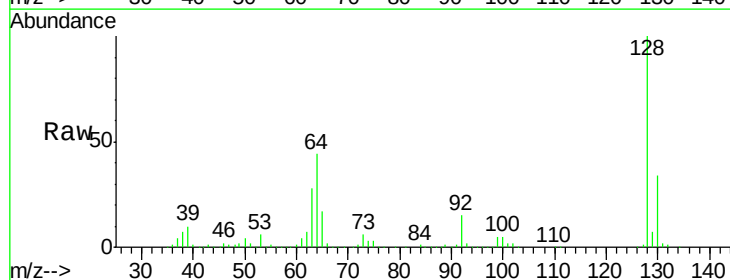
Tgt Ion: 128 Resp: 355976

Ion Ratio Lower Upper

128 100

130 34.5 13.1 53.1

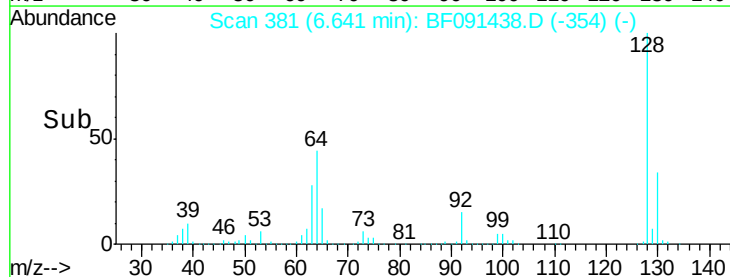
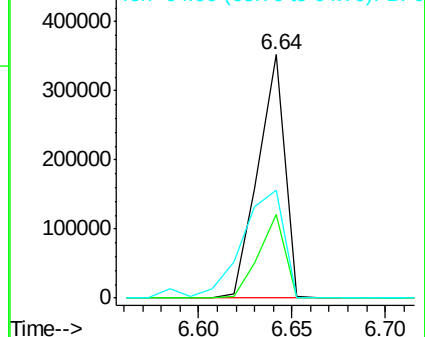
64 44.5 24.1 64.1

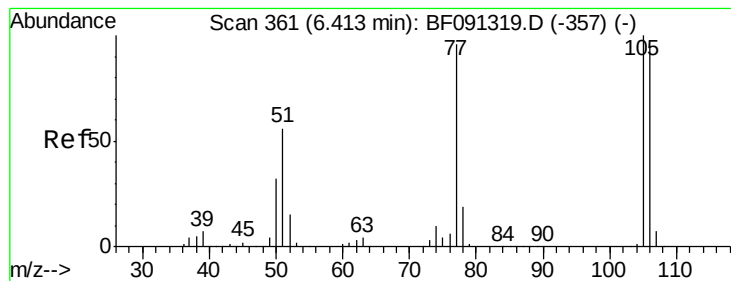


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.21 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

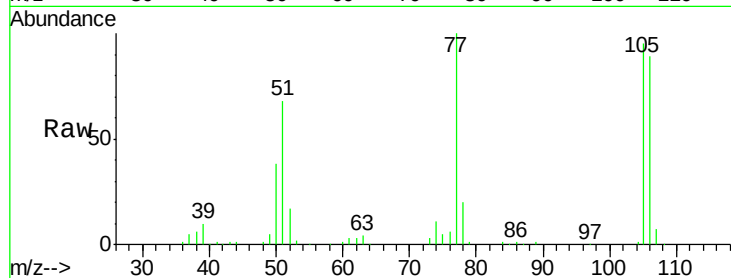
Tgt Ion: 77 Resp: 109283

Ion Ratio Lower Upper

77 100

105 94.7 66.4 106.4

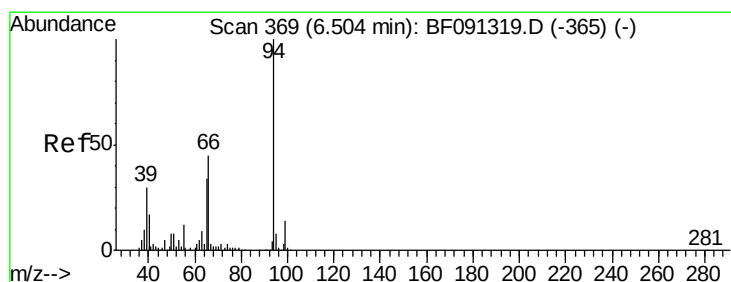
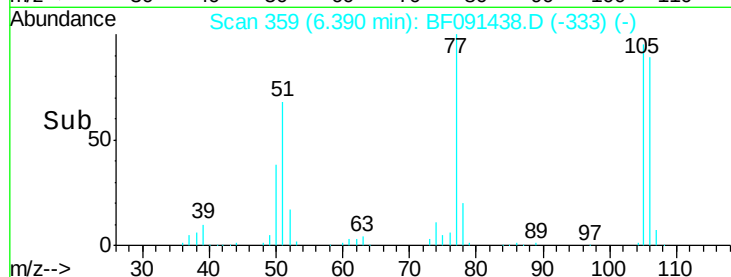
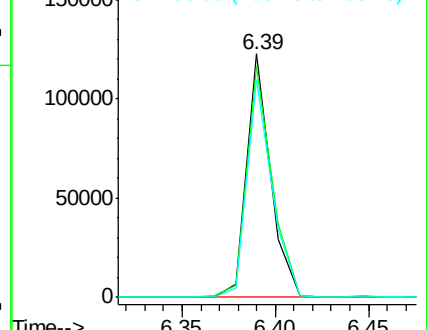
106 89.5 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 17.07 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

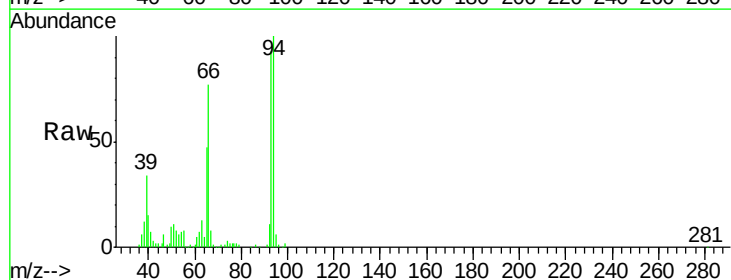
Tgt Ion: 94 Resp: 187392

Ion Ratio Lower Upper

94 100

65 46.6 16.9 56.9

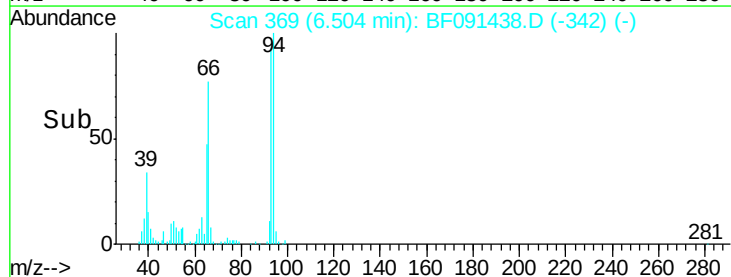
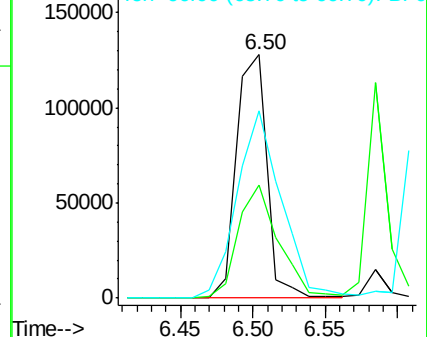
66 77.1 30.6 70.6#

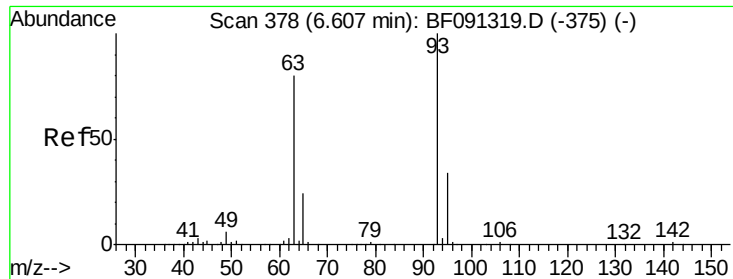


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

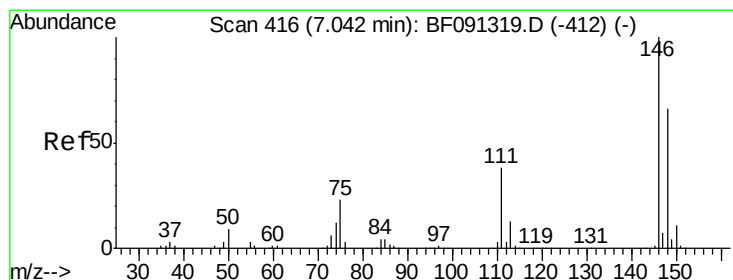
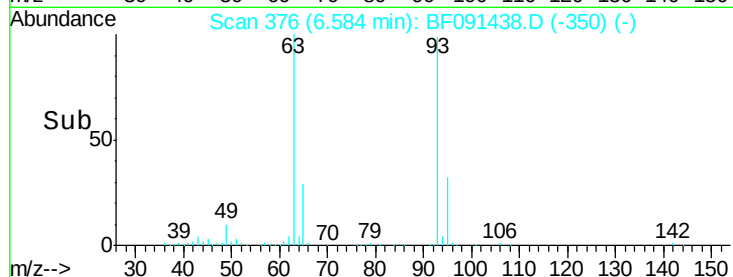
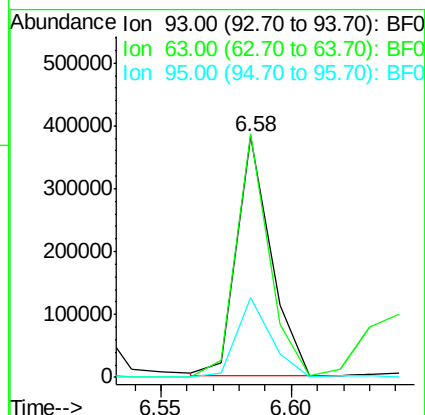
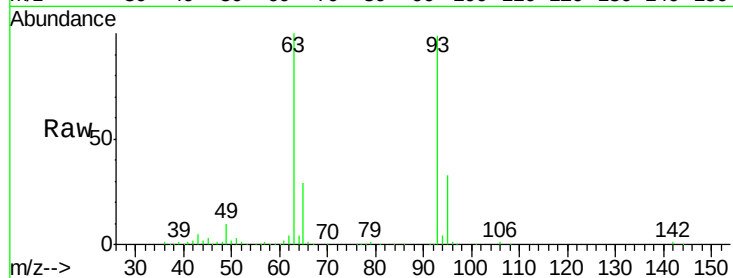




#11
 bis(2-Chloroethyl)ether
 Concen: 45.00 ng
 RT: 6.58 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

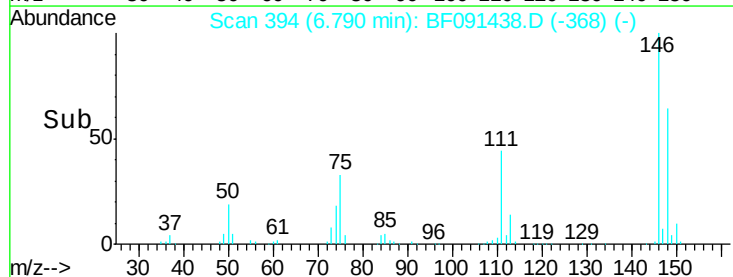
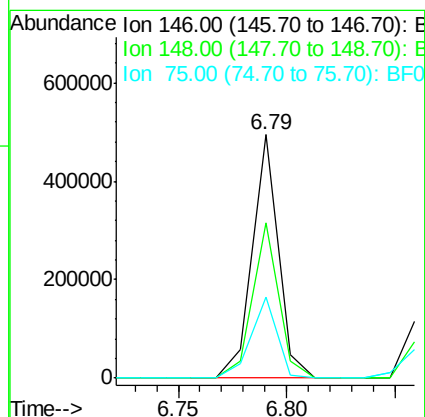
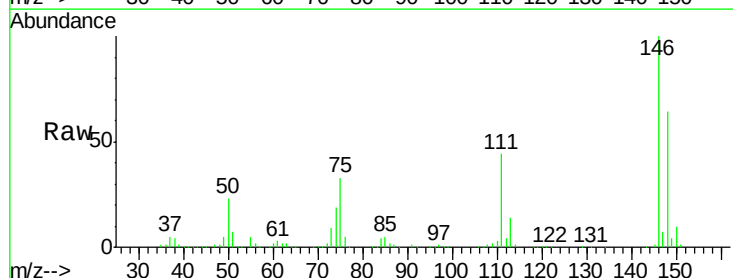
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

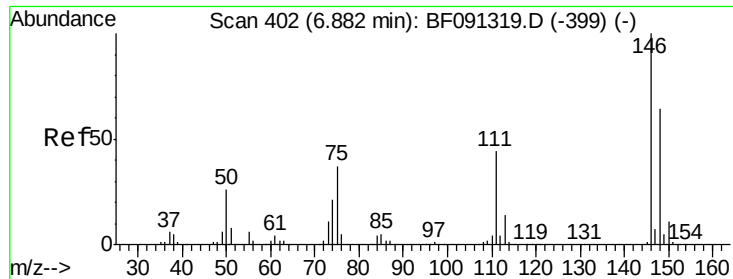
Tgt Ion: 93 Resp: 353059
 Ion Ratio Lower Upper
 93 100
 63 101.0 74.8 114.8
 95 32.9 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 44.49 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion: 146 Resp: 411362
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 75 33.2 23.6 35.4

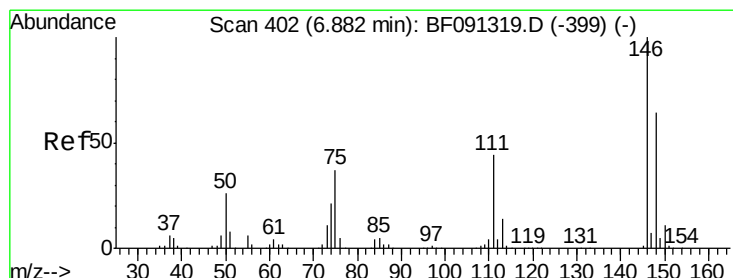
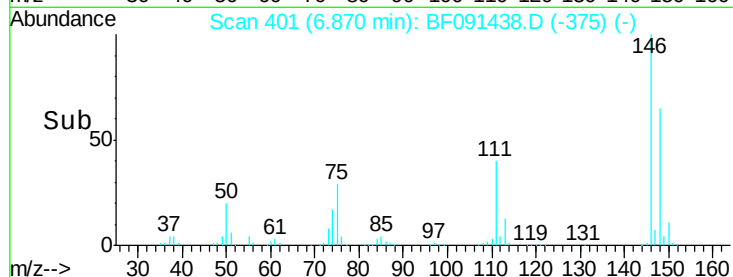
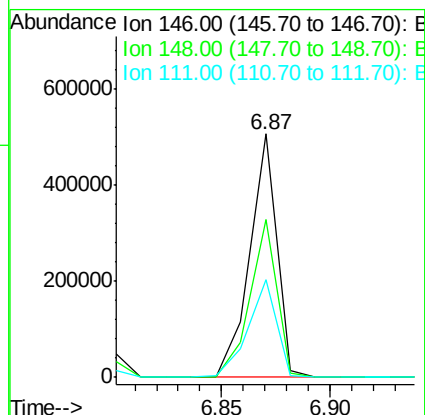
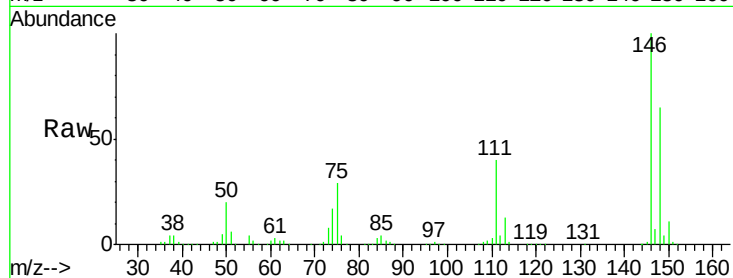




#13
 1,4-Dichlorobenzene
 Concen: 47.51 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

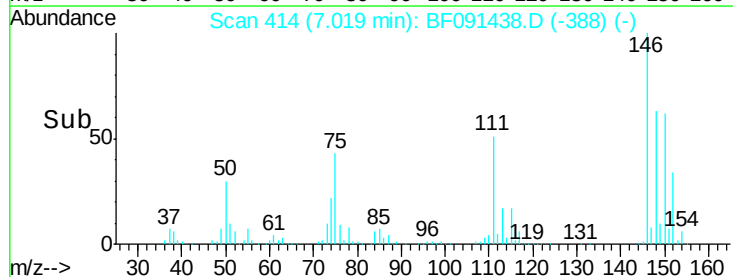
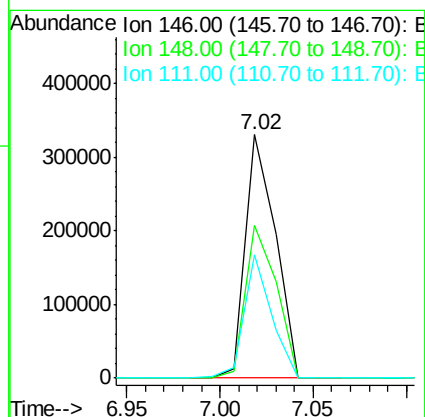
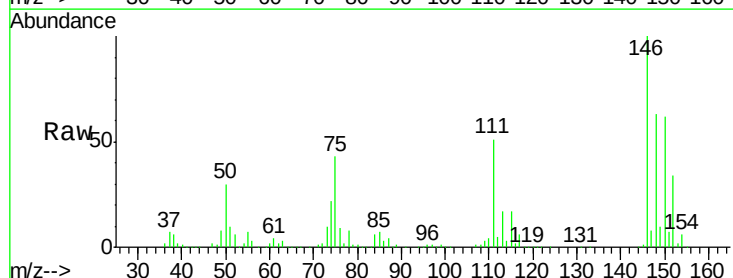
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

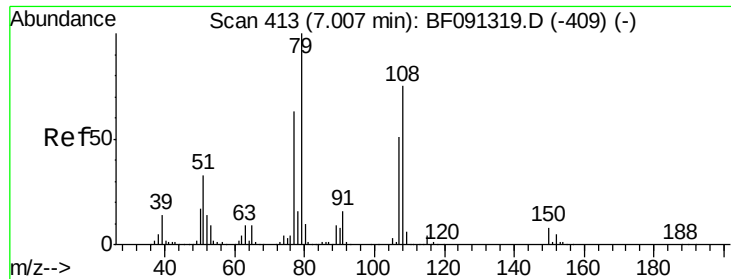
Tgt Ion:146 Resp: 436981
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 39.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 43.16 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:146 Resp: 369743
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.0 76.6
 111 50.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

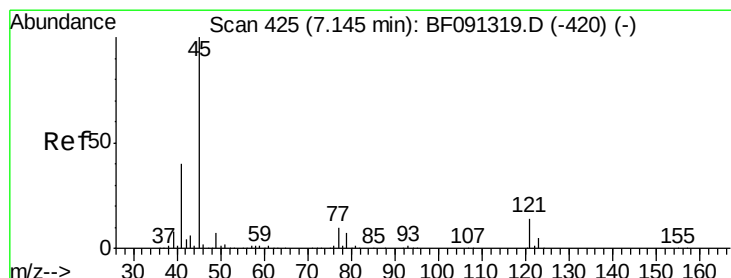
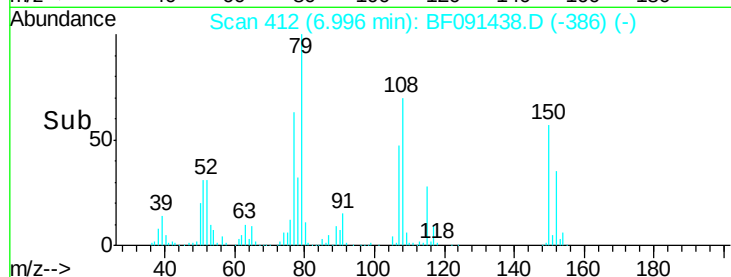
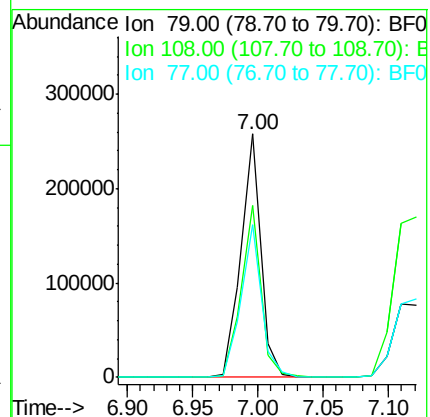
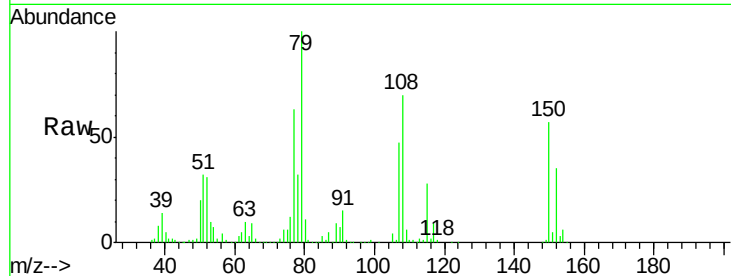
Tgt Ion: 79 Resp: 272858

Ion Ratio Lower Upper

79 100

108 70.4 62.7 94.1

77 62.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.38 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

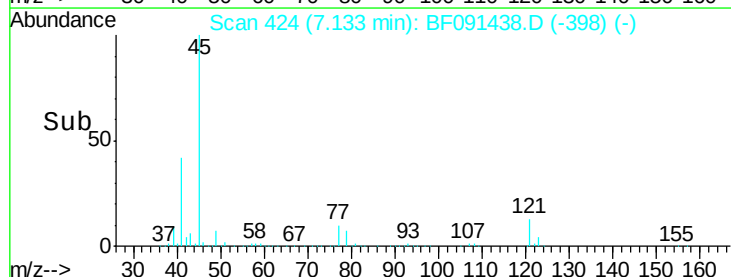
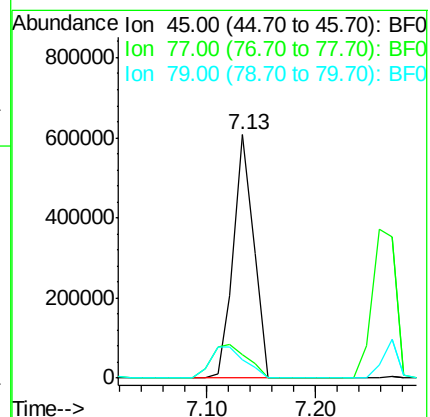
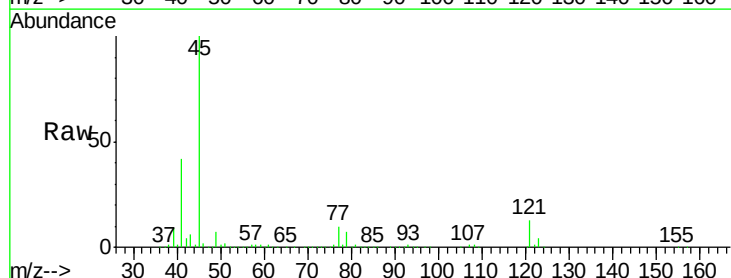
Tgt Ion: 45 Resp: 782534

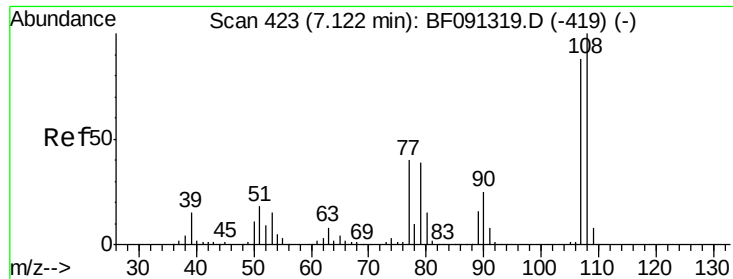
Ion Ratio Lower Upper

45 100

77 9.8 3.8 43.8

79 7.4 0.2 40.2





#17

2-Methylphenol

Concen: 35.86 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tgt Ion:107 Resp: 235636

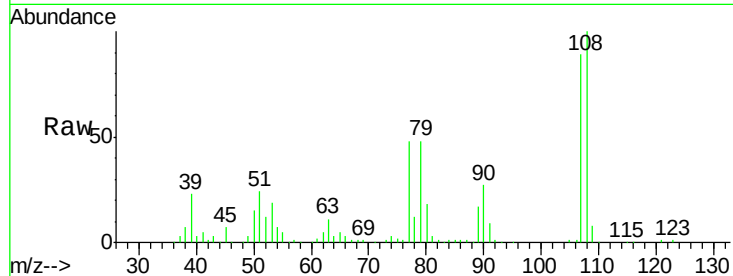
Ion Ratio Lower Upper

107 100

108 112.0 67.7 101.5#

77 53.9 40.7 61.1

79 53.2 23.4 35.2#

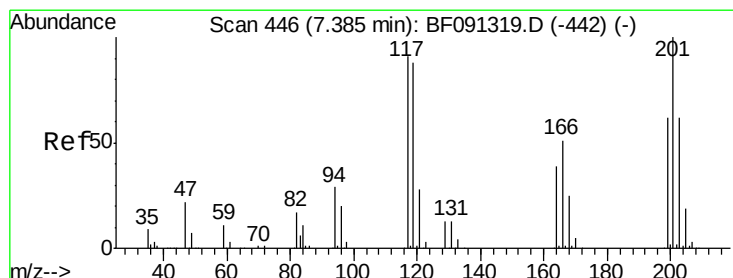
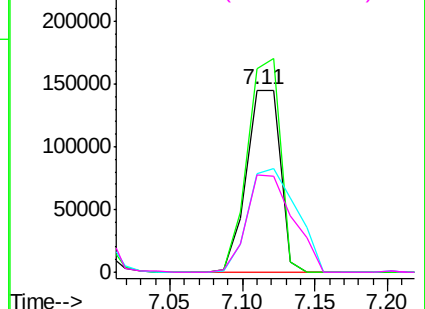
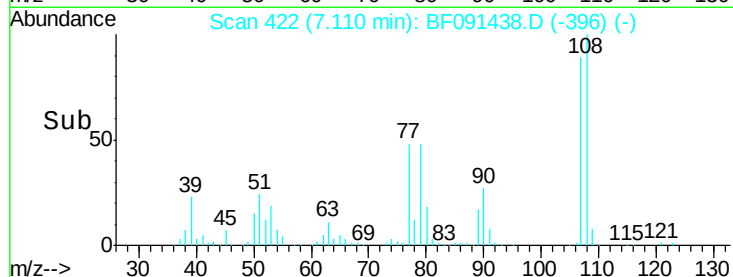


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.50 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

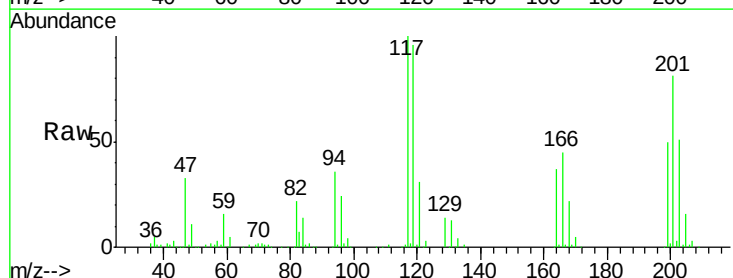
Tgt Ion:117 Resp: 148573

Ion Ratio Lower Upper

117 100

119 95.6 78.6 118.0

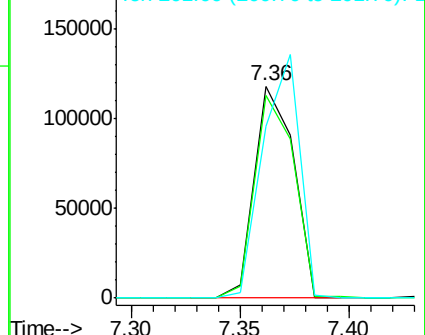
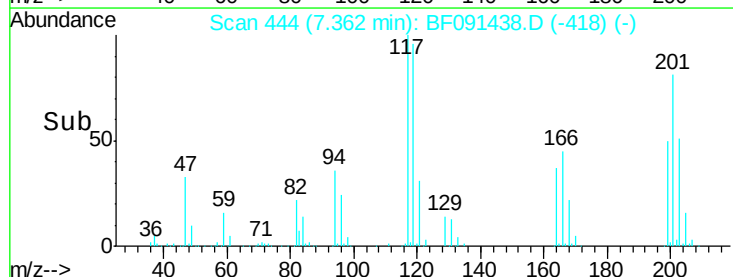
201 81.4 86.7 130.1#

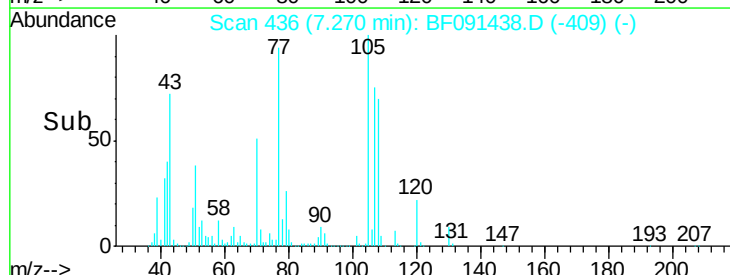
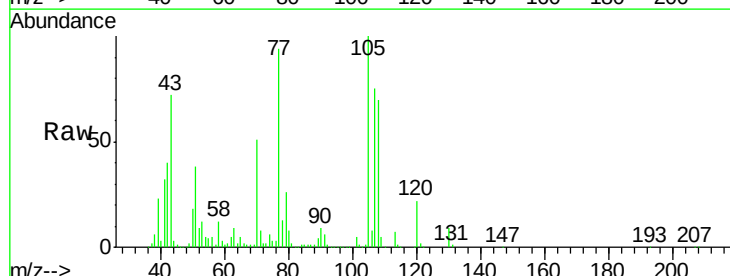
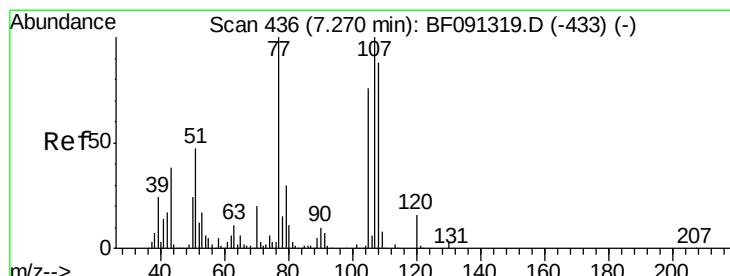
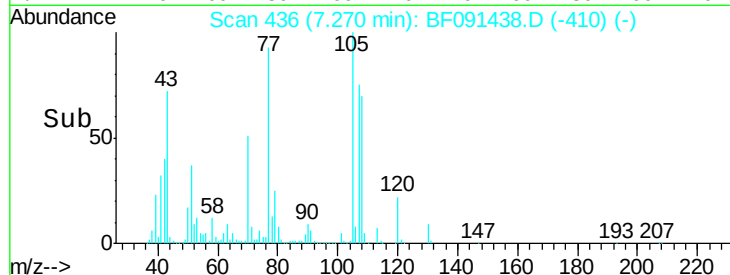
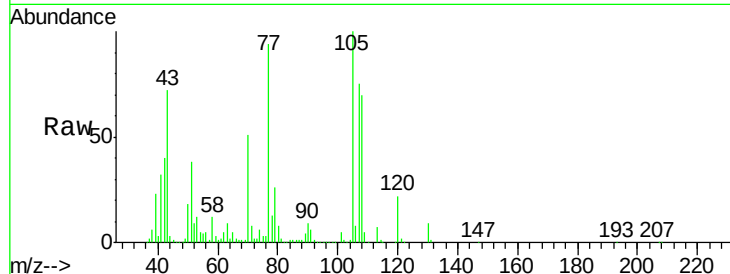
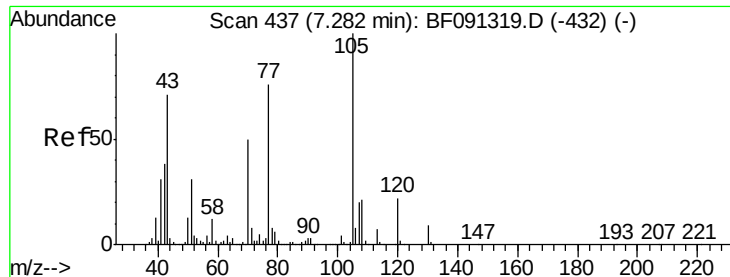


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

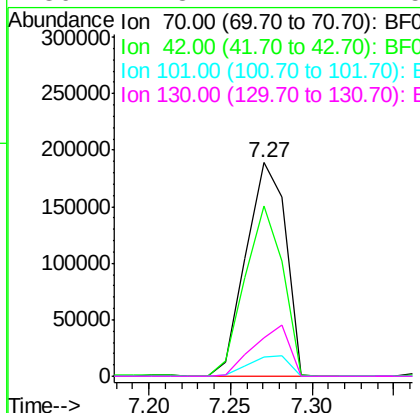




#19
n-Nitroso-di-n-propylamine
Concen: 54.26 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

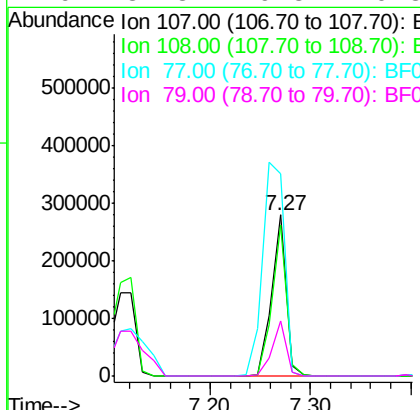
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

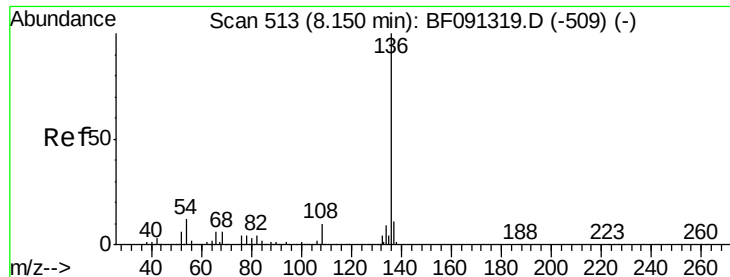
Tgt Ion: 70 Resp: 319023
Ion Ratio Lower Upper
70 100
42 79.6 64.8 97.2
101 9.0 6.2 9.4
130 17.8 11.7 17.5#



#20
3+4-Methylphenols
Concen: 35.00 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion: 107 Resp: 280694
Ion Ratio Lower Upper
107 100
108 93.7 64.6 104.6
77 125.5 30.9 70.9#
79 34.3 9.3 49.3

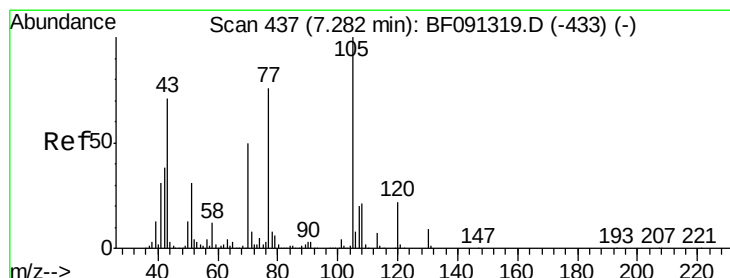
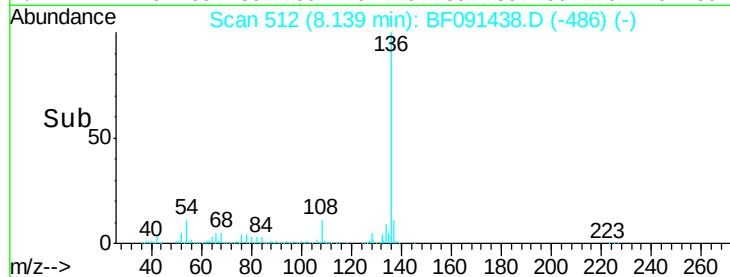
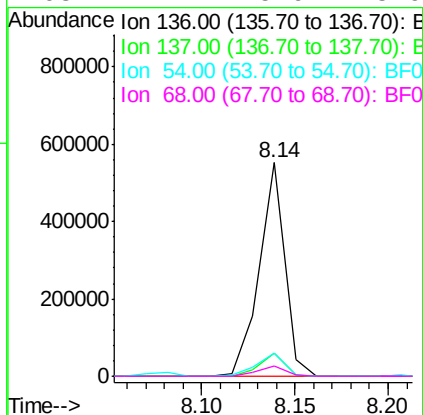
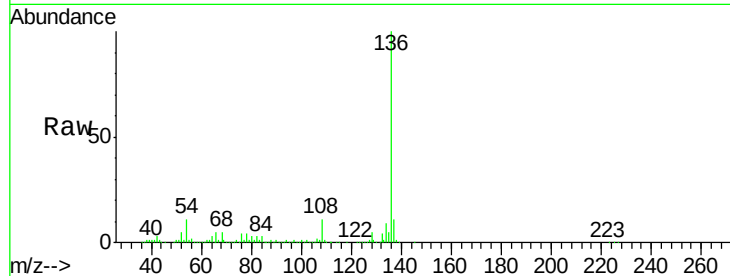




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

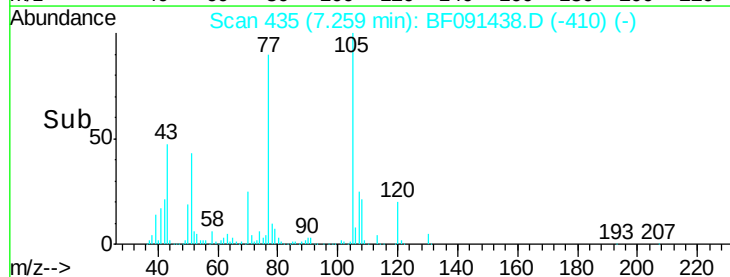
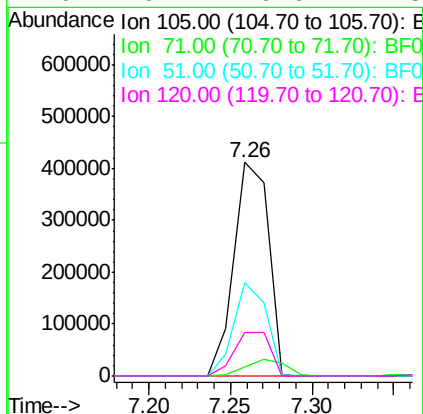
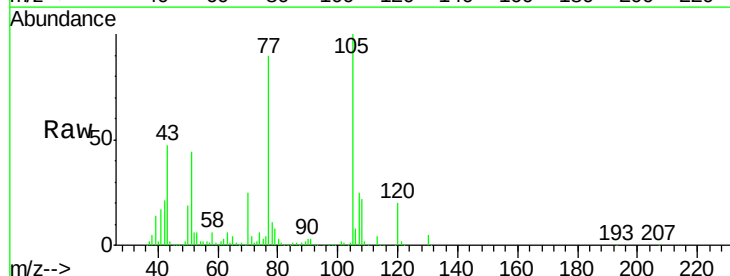
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

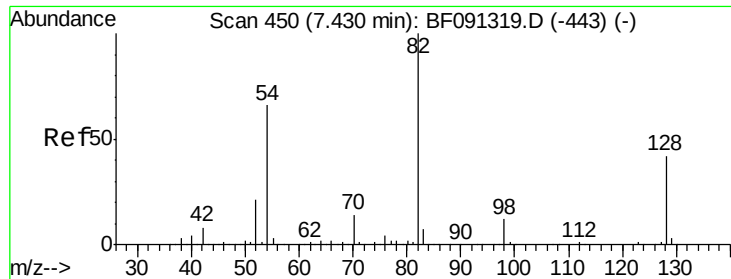
Tgt Ion:	136	Resp:	522109
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.6	9.1	13.7
68	4.7	5.9	8.9#



#22
Acetophenone
Concen: 48.88 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:	105	Resp:	604819
Ion	Ratio	Lower	Upper
105	100		
71	4.3	7.9	11.9#
51	43.8	24.5	36.7#
120	20.4	16.6	24.8





#23

Nitrobenzene-d5

Concen: 94.53 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

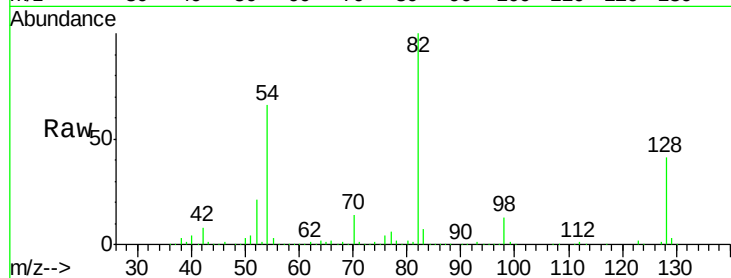
Tgt Ion: 82 Resp: 880681

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

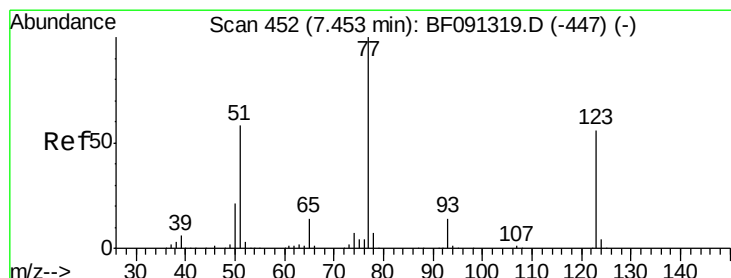
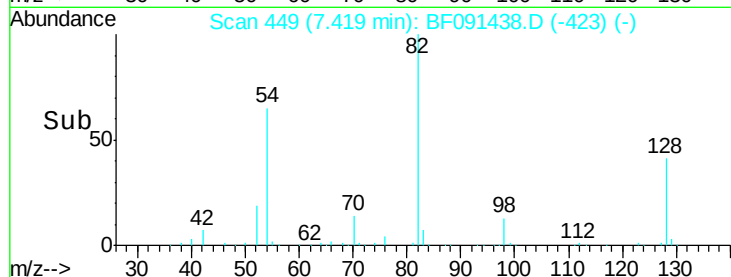
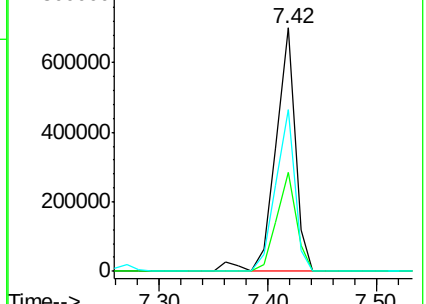
54 66.4 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.23 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

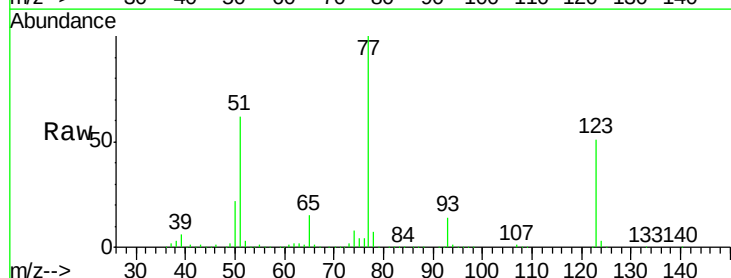
Tgt Ion: 77 Resp: 488660

Ion Ratio Lower Upper

77 100

123 51.1 28.5 42.7#

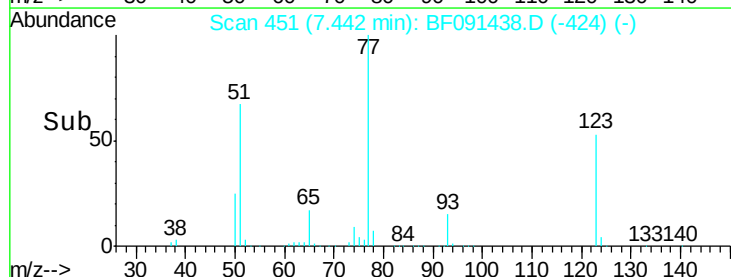
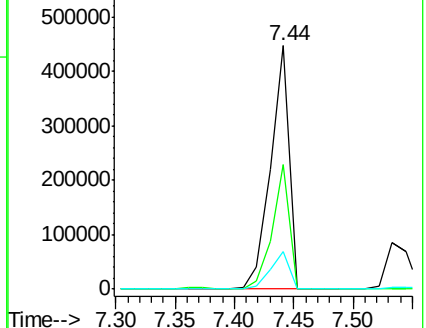
65 15.3 12.5 18.7

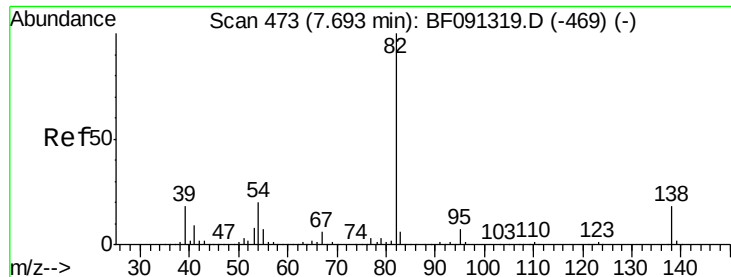


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

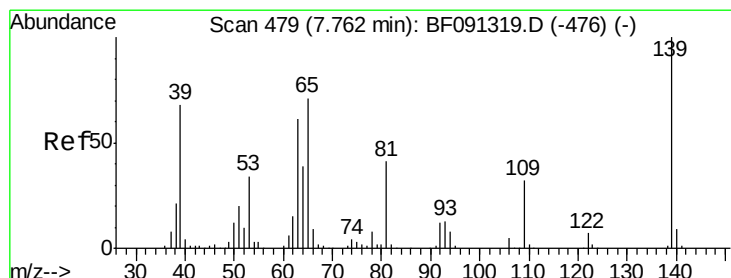
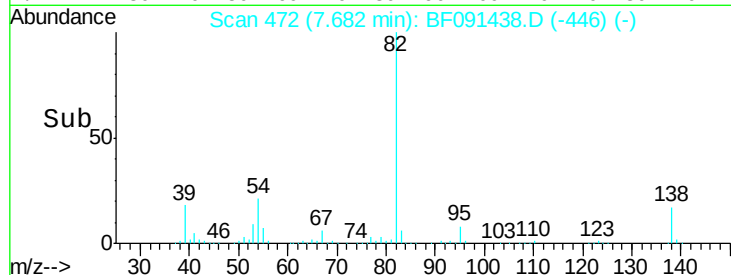
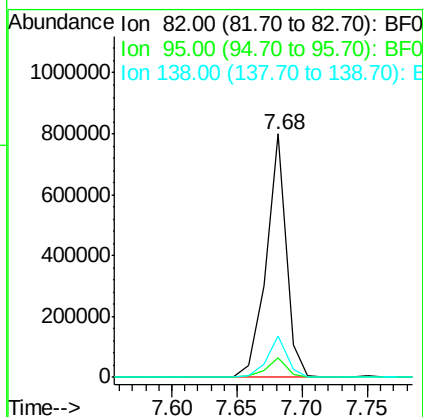
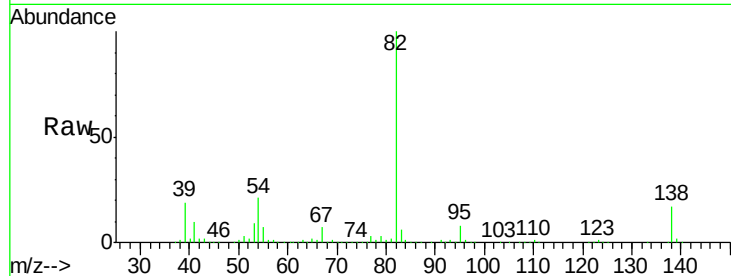




#25
Isophorone
Concen: 52.15 ng
RT: 7.68 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

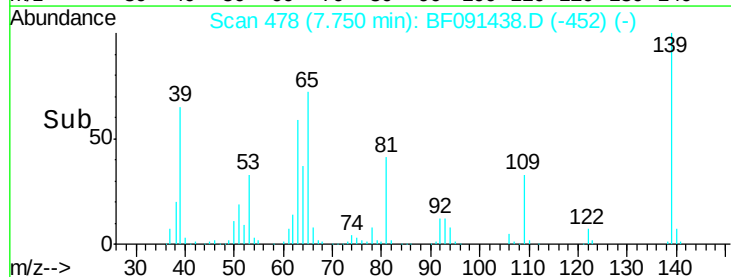
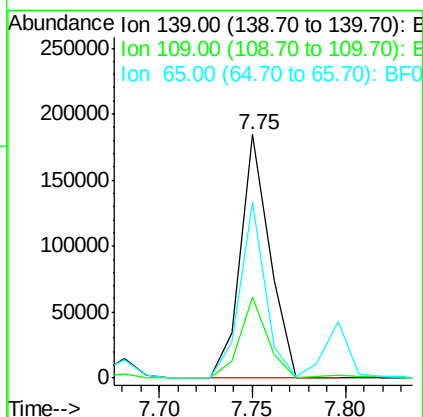
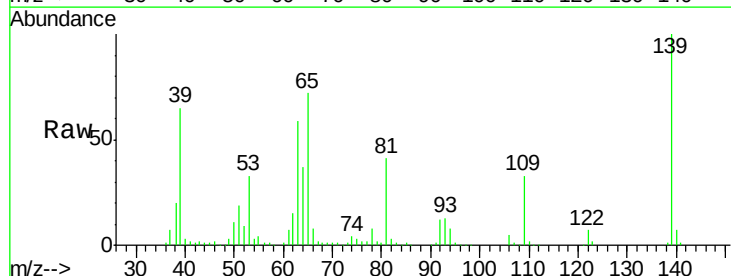
Instrument :
BNA_F
ClientSampled :
MW-04MSD

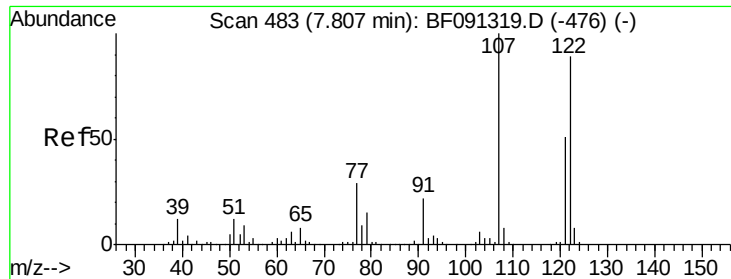
Tgt Ion: 82 Resp: 860739
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 17.0 13.4 20.0



#26
2-Nitrophenol
Concen: 46.46 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion: 139 Resp: 201974
Ion Ratio Lower Upper
139 100
109 33.5 25.3 37.9
65 72.1 55.4 83.2

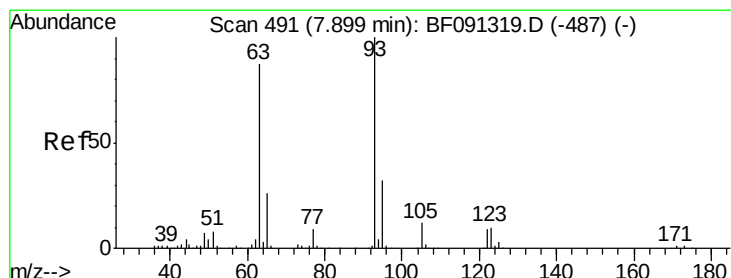
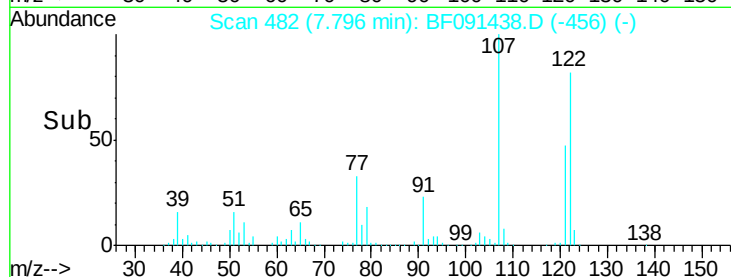
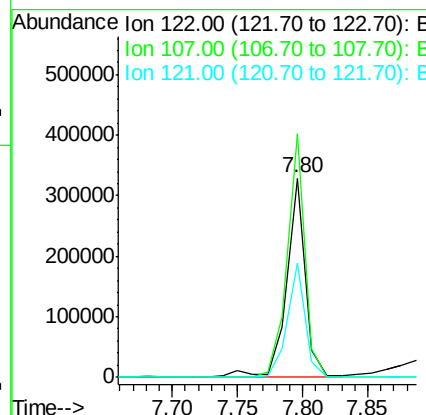
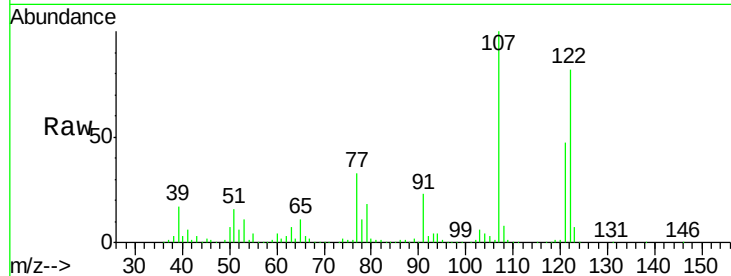




#27
 2,4-Dimethylphenol
 Concen: 41.18 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

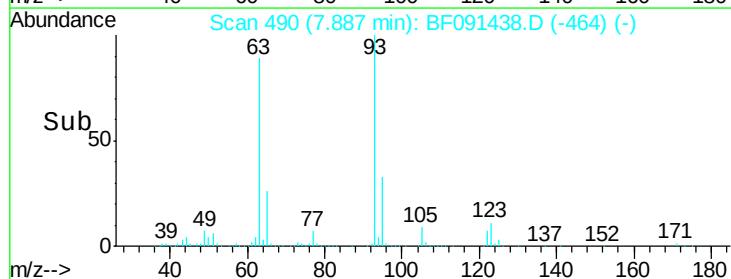
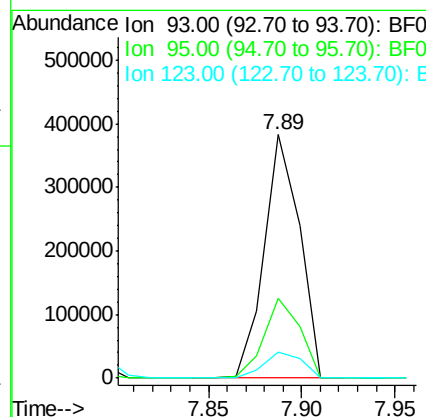
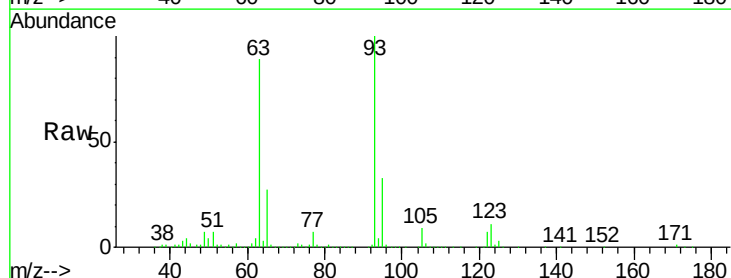
Instrument :
 BNA_F
 ClientSampled :
 MW-04MSD

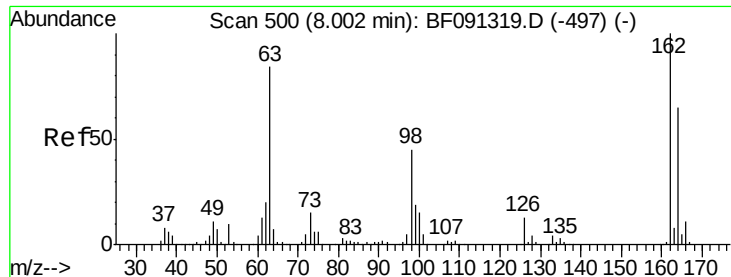
Tgt Ion: 122 Resp: 334832
 Ion Ratio Lower Upper
 122 100
 107 122.1 96.8 145.2
 121 57.5 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.50 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion: 93 Resp: 501718
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 10.8 8.6 12.8

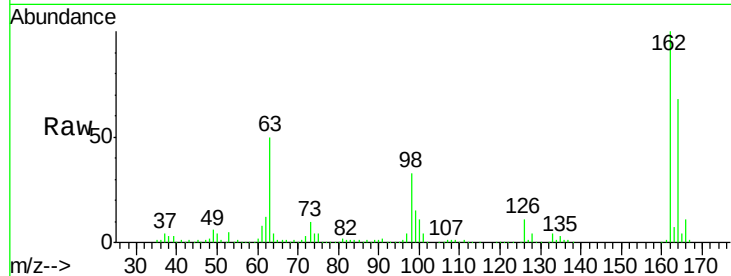




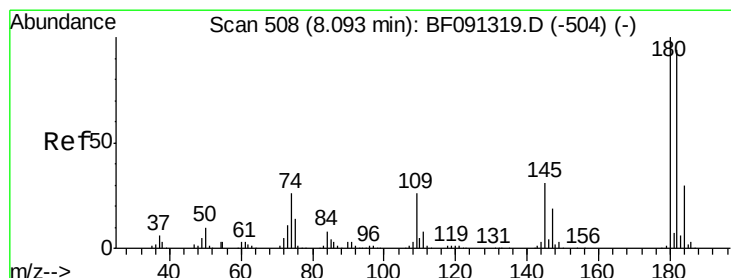
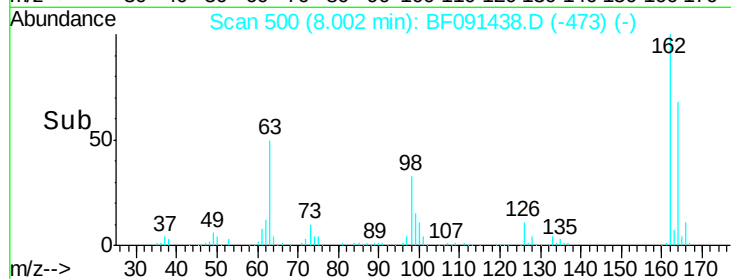
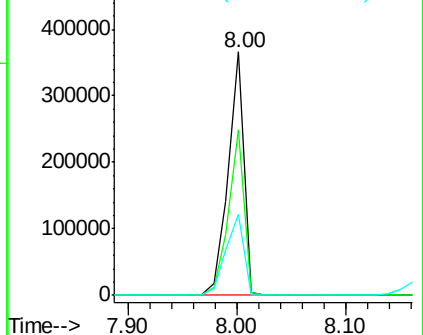
#29
 2,4-Dichlorophenol
 Concen: 51.25 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.0	45.0	85.0
98	33.4	21.3	61.3

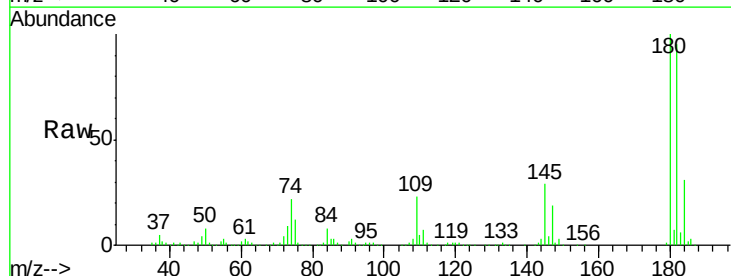


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

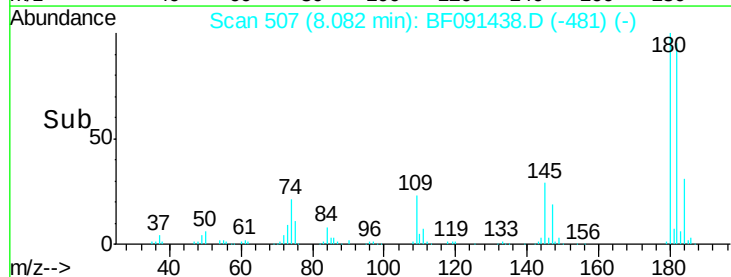
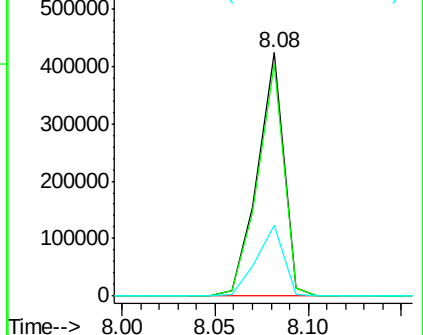


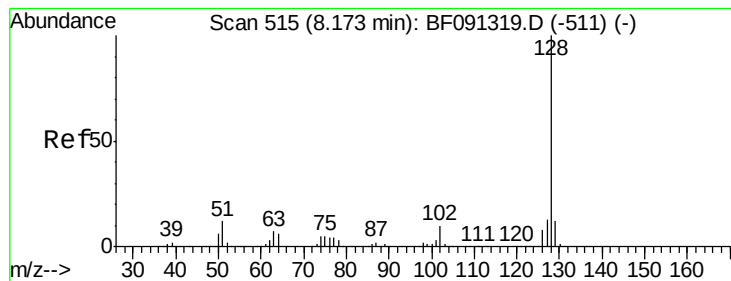
#30
 1,2,4-Trichlorobenzene
 Concen: 51.59 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.8
145	29.3	27.0	40.4



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: 49.77 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

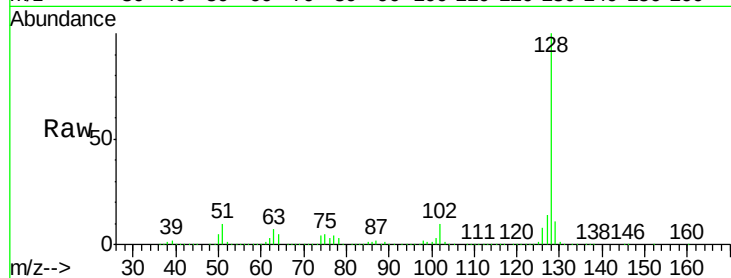
Tgt Ion:128 Resp: 1235100

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

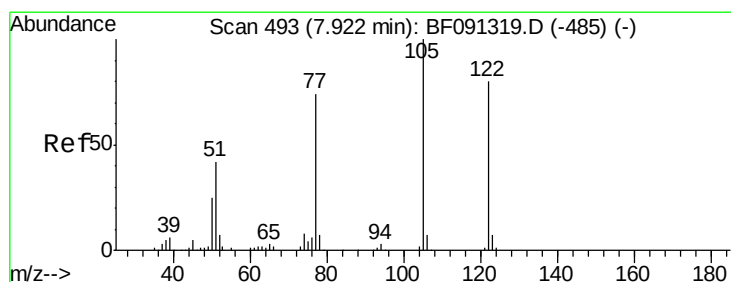
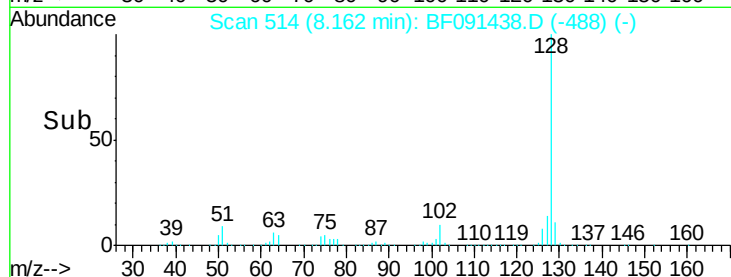
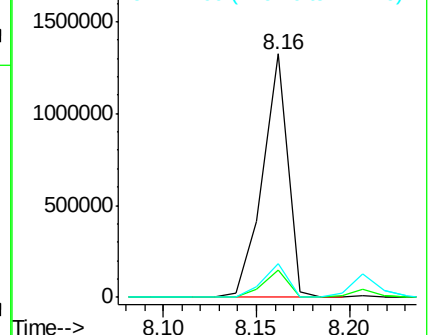
127 13.6 11.0 16.4



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: 9.70 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

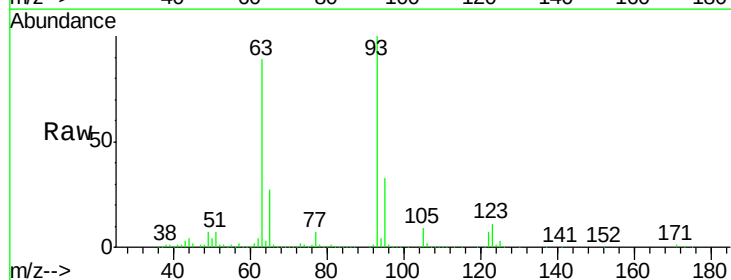
Tgt Ion:122 Resp: 58160

Ion Ratio Lower Upper

122 100

105 123.2 113.0 153.0

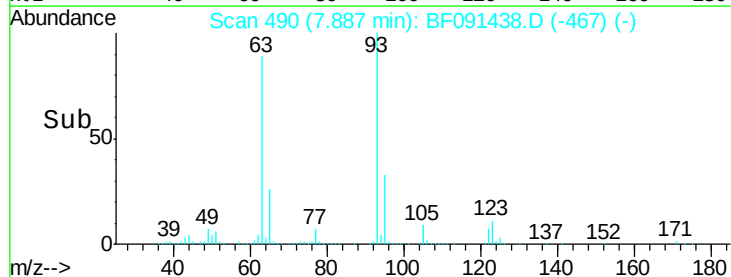
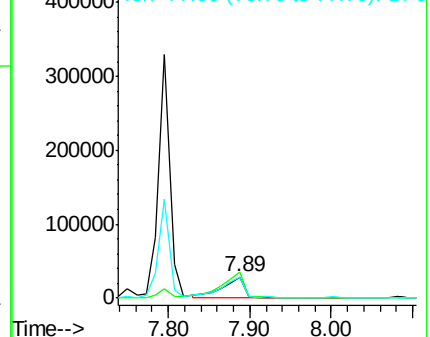
77 98.0 82.0 122.0

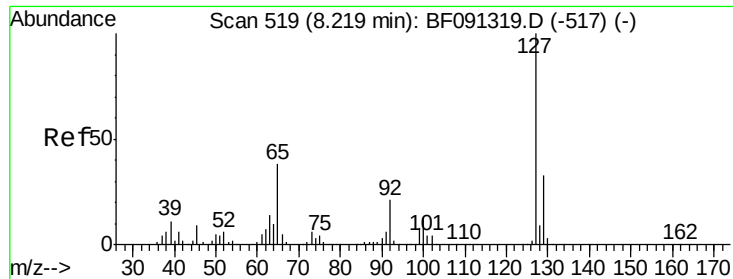


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

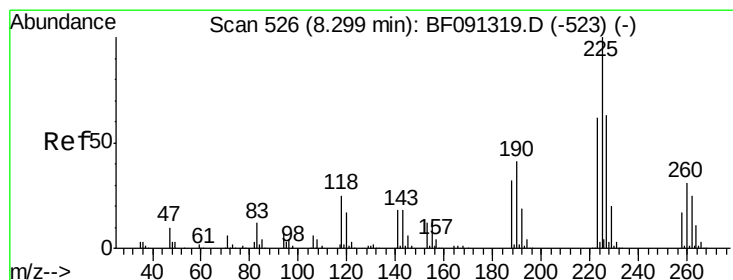
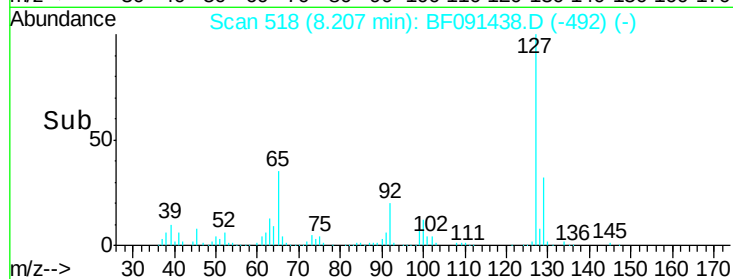
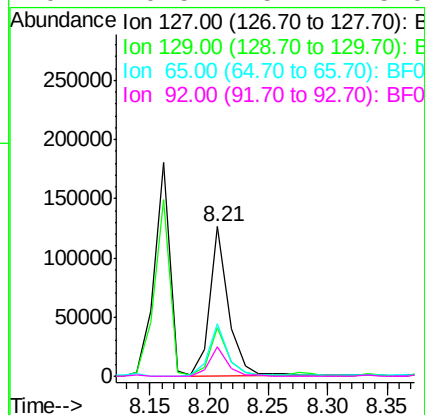
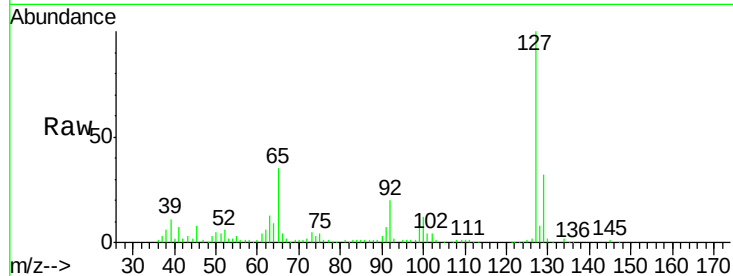




#33
4-Chloroaniline
Concen: 13.02 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

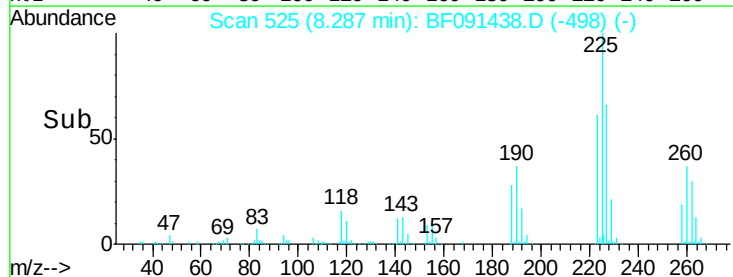
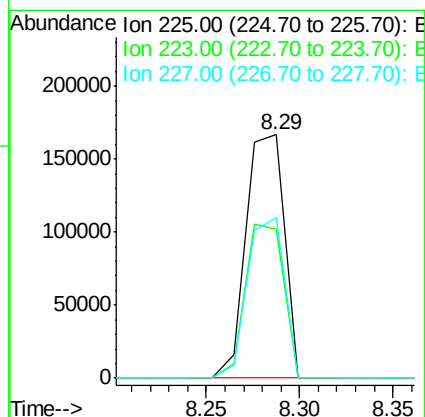
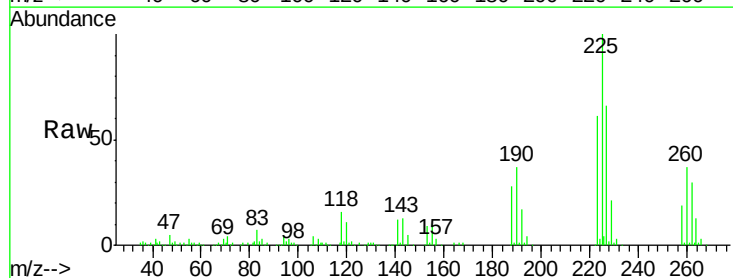
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

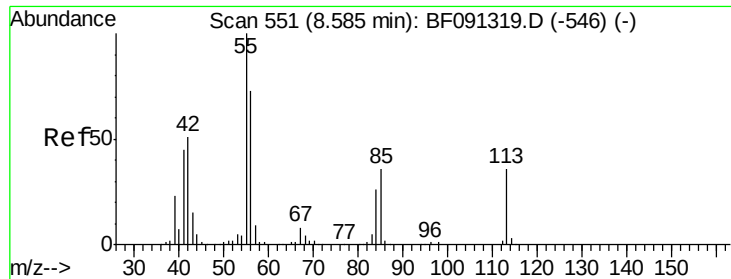
Tgt Ion:	127	Resp:	138157
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	34.9	26.6	39.8
92	19.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 48.01 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:	225	Resp:	236747
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.6
227	66.0	52.6	79.0

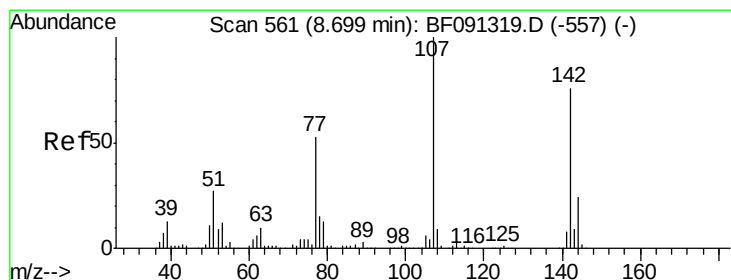
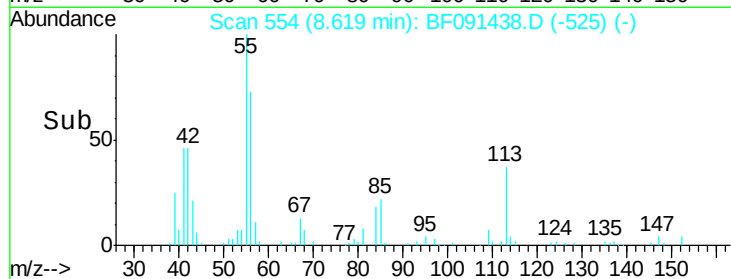
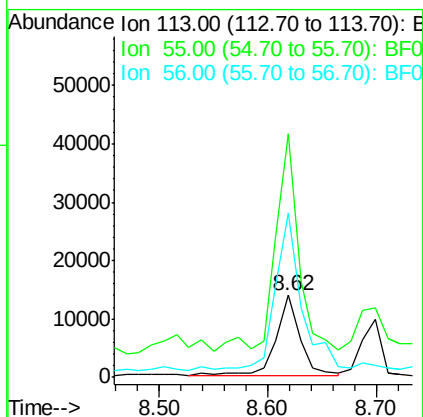
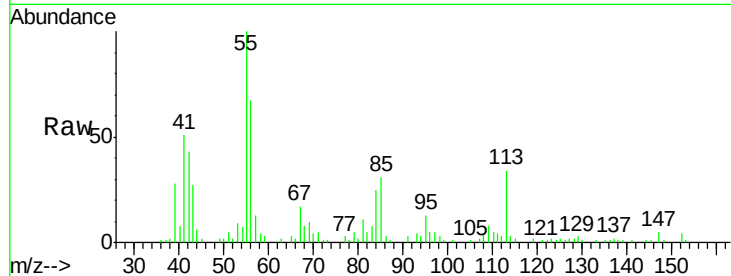




#35
 Caprolactam
 Concen: 10.24 ng
 RT: 8.62 min Scan# 554
 Delta R.T. 0.03 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

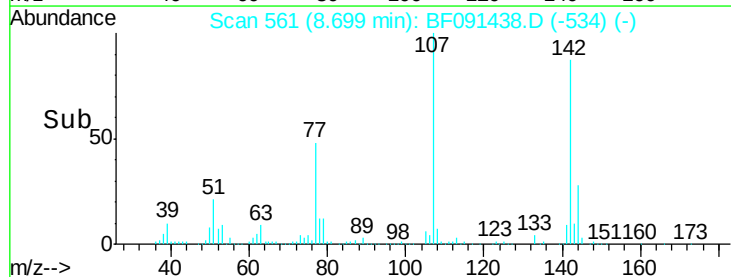
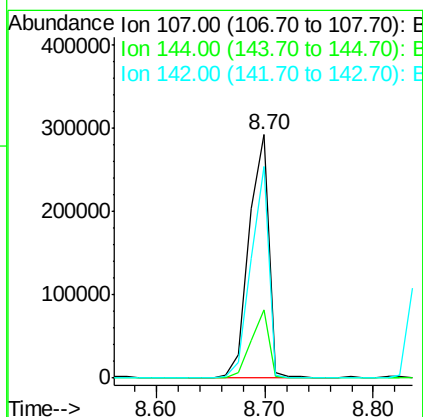
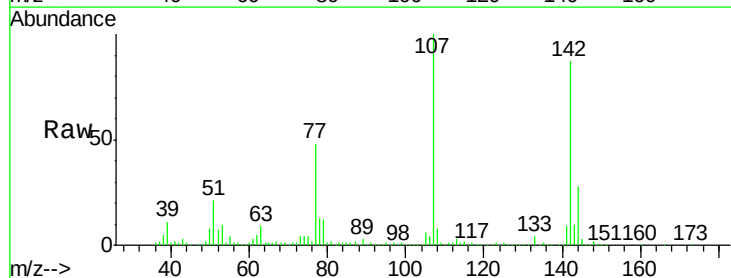
Instrument :
 BNA_F
 ClientSampled :
 MW-04MSD

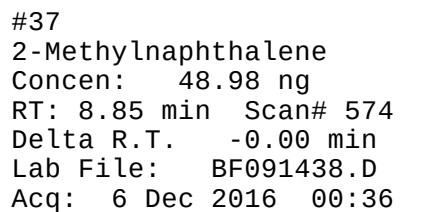
Tgt Ion:113 Resp: 21062
 Ion Ratio Lower Upper
 113 100
 55 296.1 239.8 279.8#
 56 199.0 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.54 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

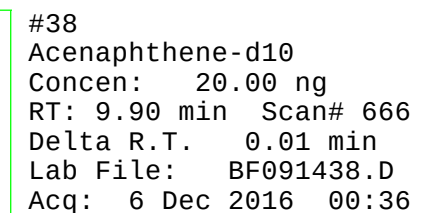
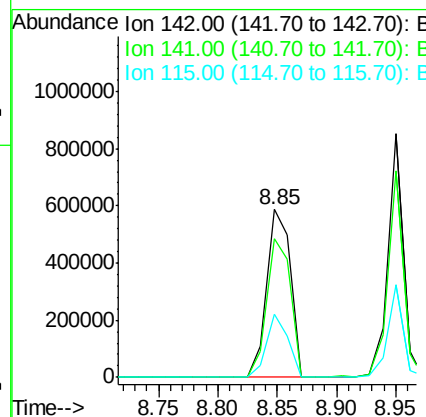
Tgt Ion:107 Resp: 367119
 Ion Ratio Lower Upper
 107 100
 144 28.2 18.9 28.3
 142 86.8 58.5 87.7



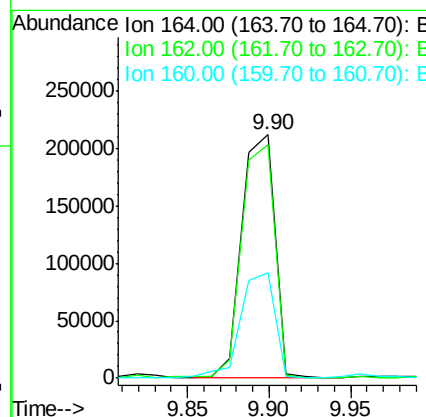
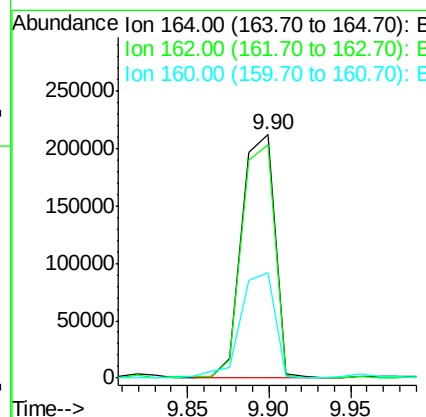
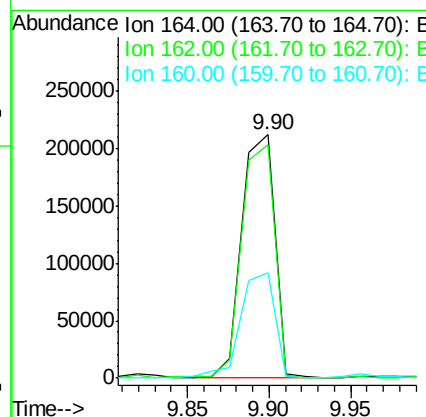


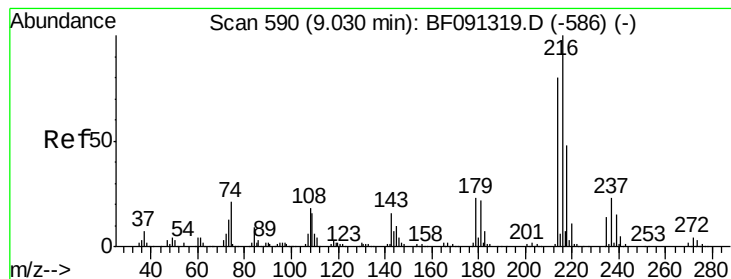
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt	Ion:142	Resp:	825633
Ion	Ratio	Lower	Upper
142	100		
141	82.3	71.7	107.5
115	37.3	25.0	37.6



Tgt	Ion:164	Resp:	294132
Ion	Ratio	Lower	Upper
164	100		
162	95.7	82.6	124.0
160	43.0	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.96 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tgt Ion:216 Resp: 422568

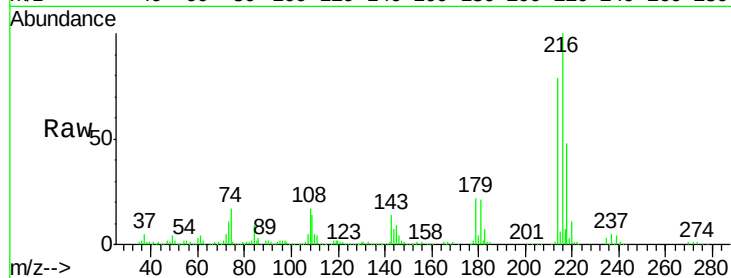
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 22.0 18.2 27.2

108 19.0 17.2 25.8

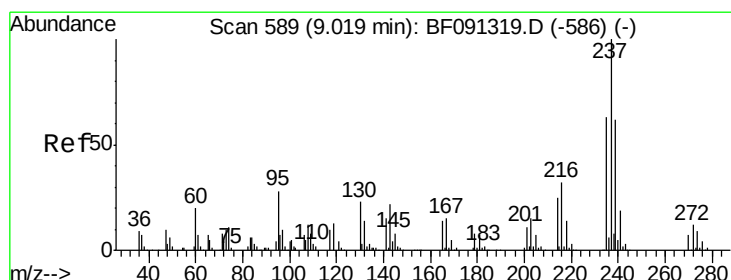
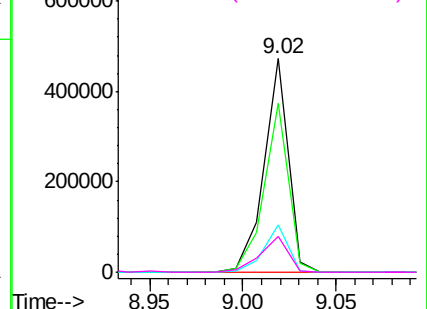
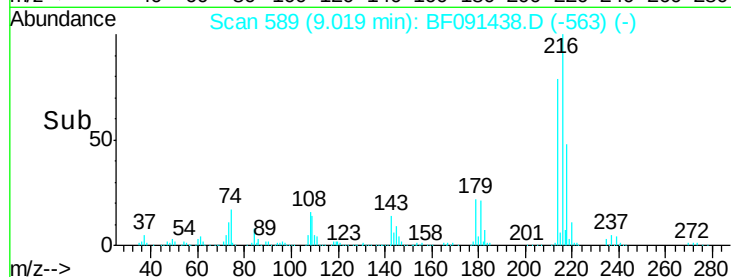


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.35 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

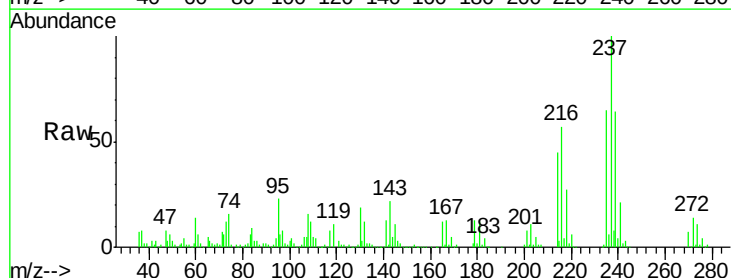
Tgt Ion:237 Resp: 185832

Ion Ratio Lower Upper

237 100

235 65.5 43.9 83.9

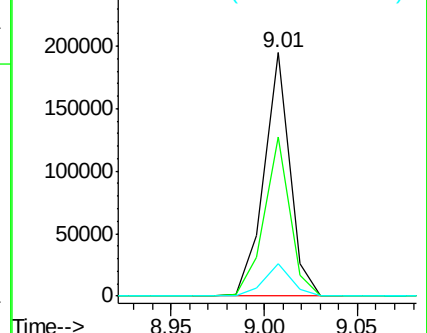
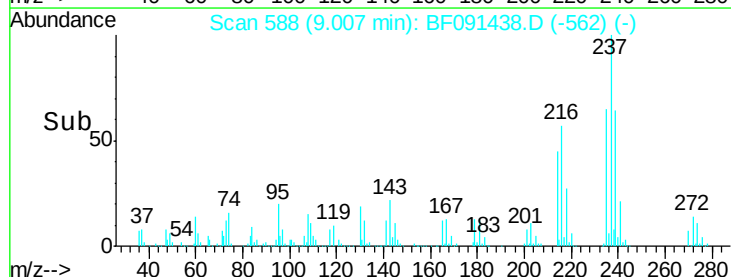
272 13.5 0.0 33.1

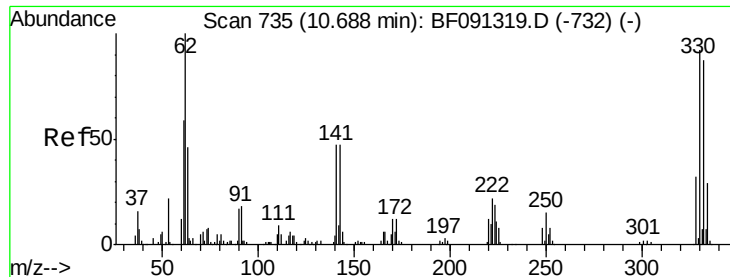


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

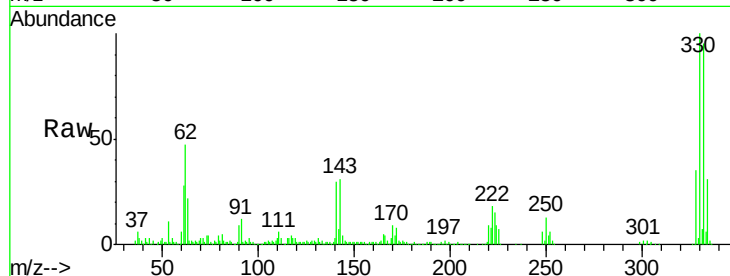




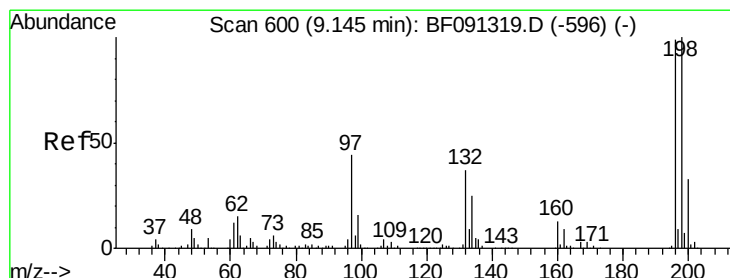
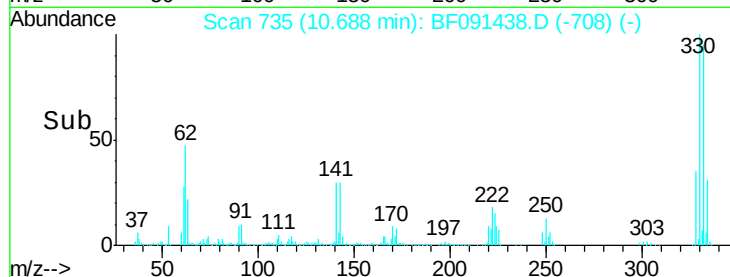
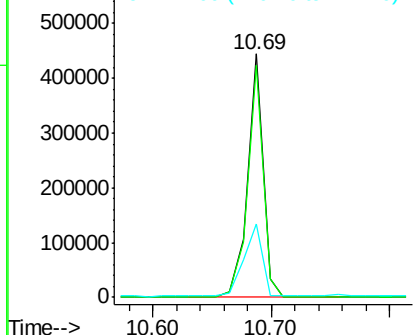
#41
 2,4,6-Tribromophenol
 Concen: 146.99 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	35.3	33.6	50.4

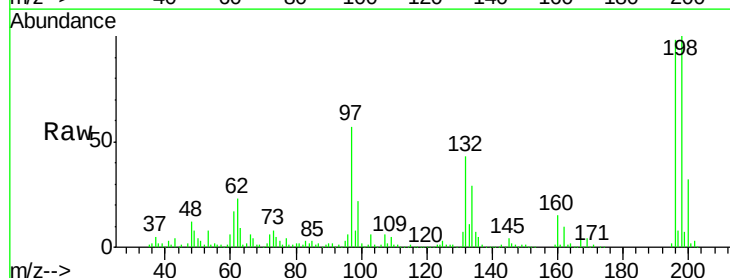


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

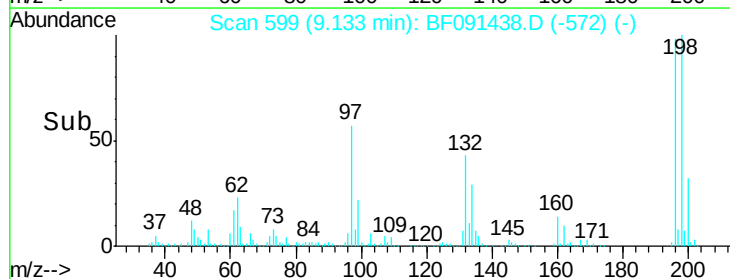
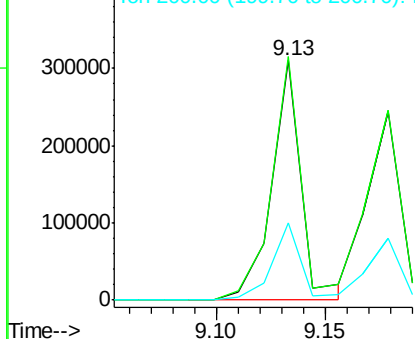


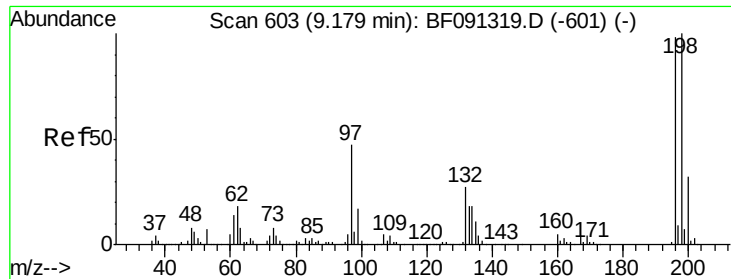
#42
 2,4,6-Trichlorophenol
 Concen: 54.95 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	77.4	116.0
200	32.3	25.2	37.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

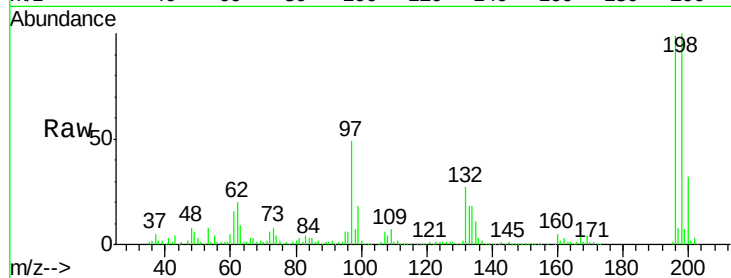




#43
 2,4,5-Trichlorophenol
 Concen: 47.71 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	77.0	115.6
97	49.6	33.5	50.3
132	27.2	20.5	30.7



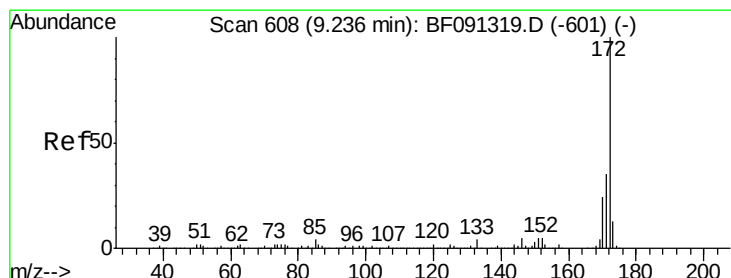
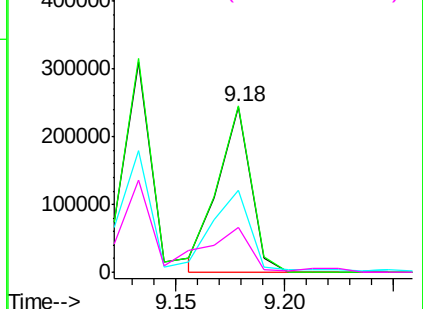
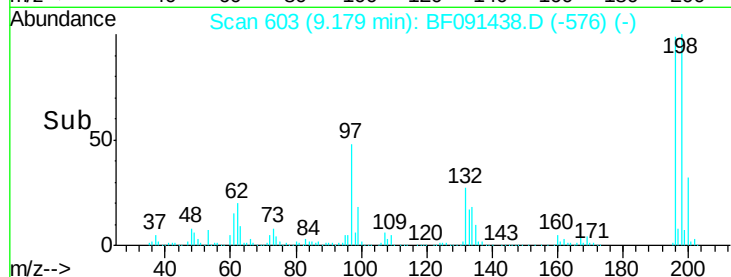
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

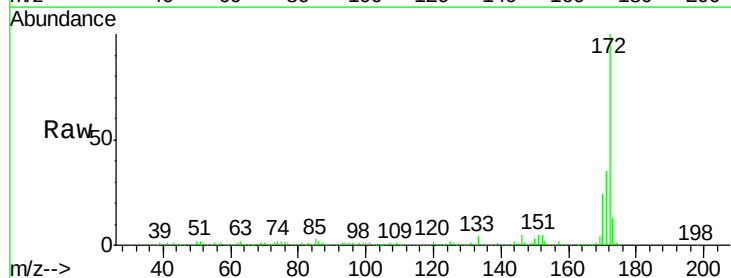
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.90 ng
 RT: 9.22 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.7	19.7	29.5

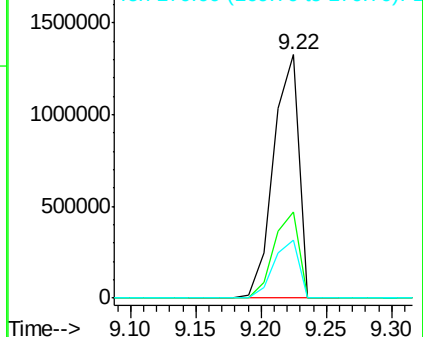
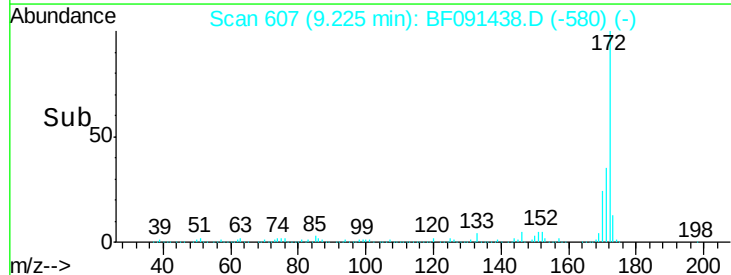


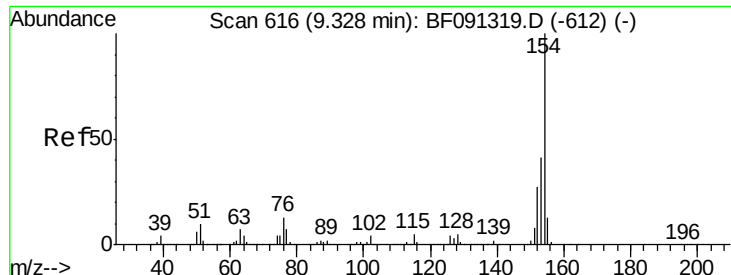
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

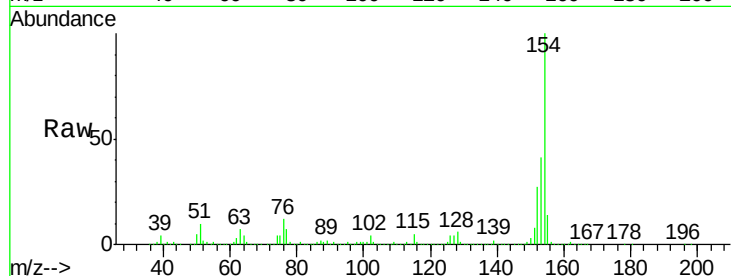




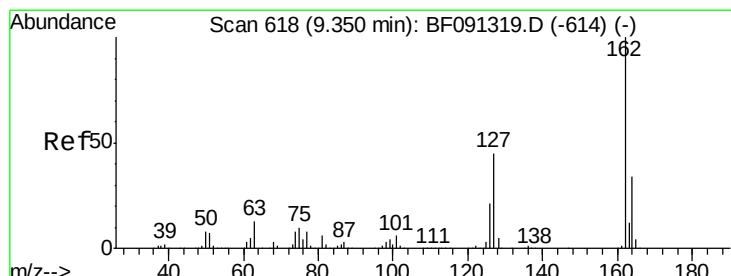
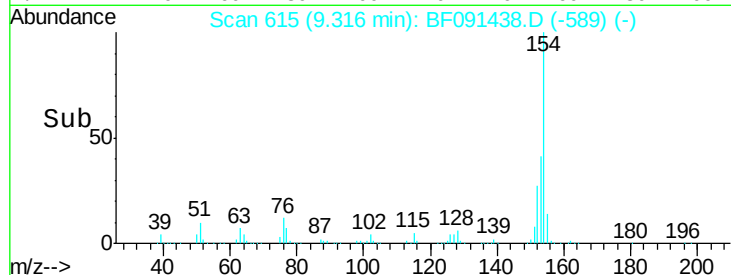
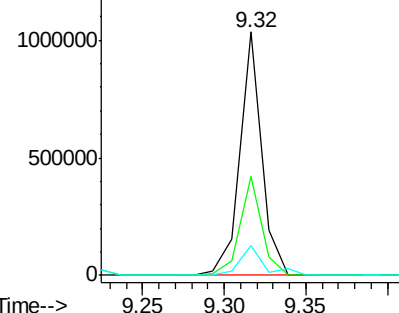
#45
 1,1'-Biphenyl
 Concen: 45.45 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion:	154	Resp:	961206
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.3	0.0	36.6

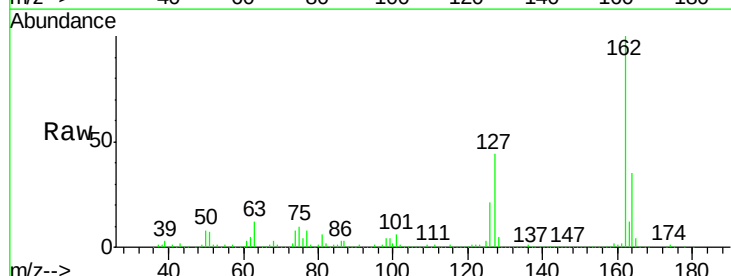


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

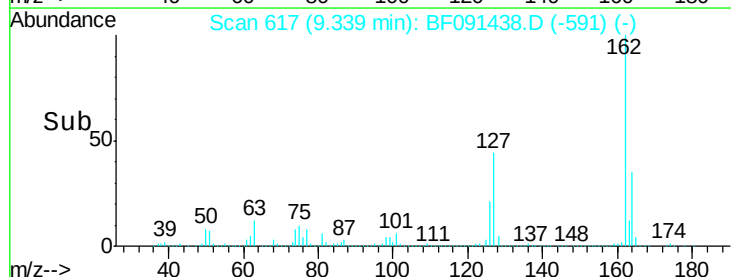
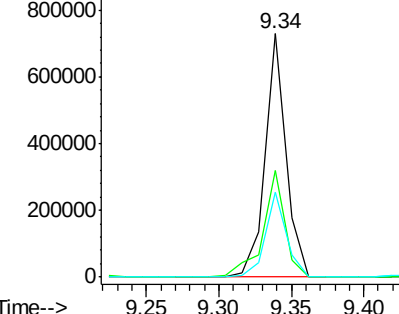


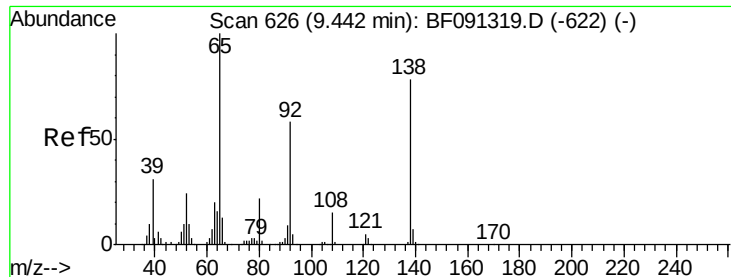
#46
 2-Chloronaphthalene
 Concen: 46.02 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:	162	Resp:	724931
Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.3	51.5
164	34.7	26.6	40.0



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: 51.66 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

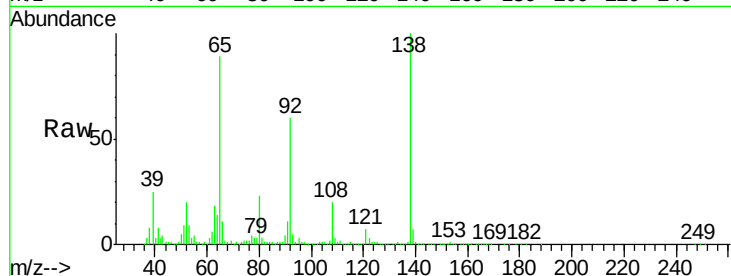
Tgt Ion: 65 Resp: 292269

Ion Ratio Lower Upper

65 100

92 67.8 53.6 80.4

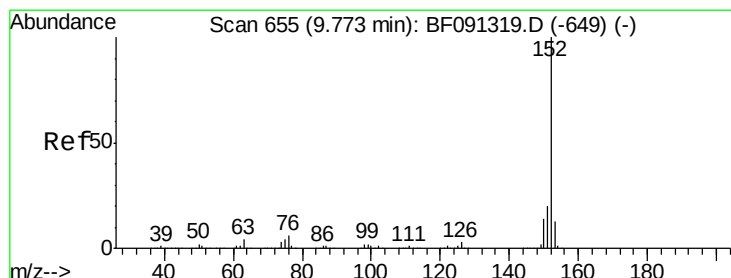
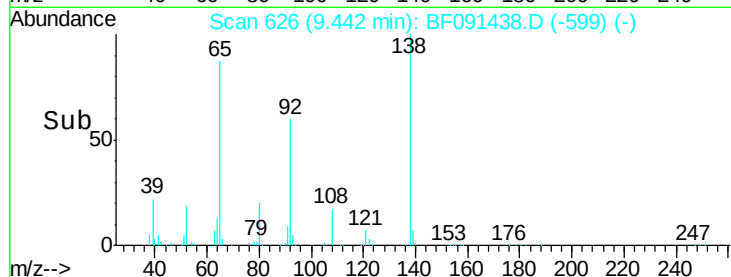
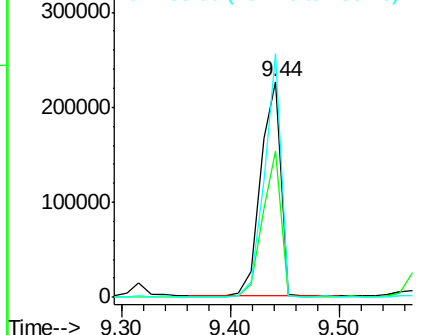
138 112.8 91.0 136.6



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 47.28 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

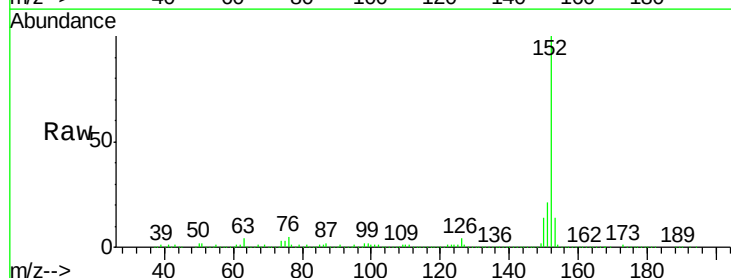
Tgt Ion: 152 Resp: 1172394

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

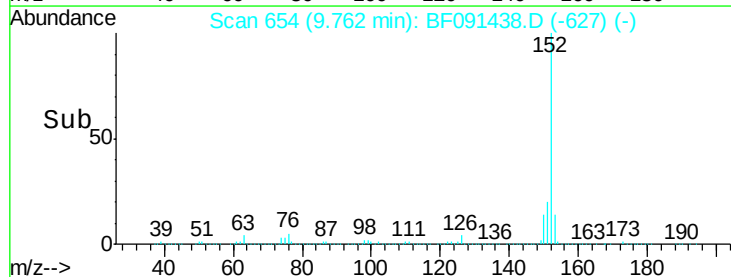
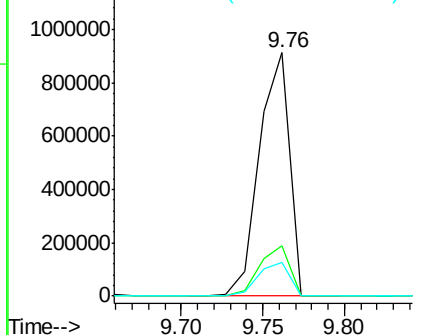
153 13.7 10.7 16.1

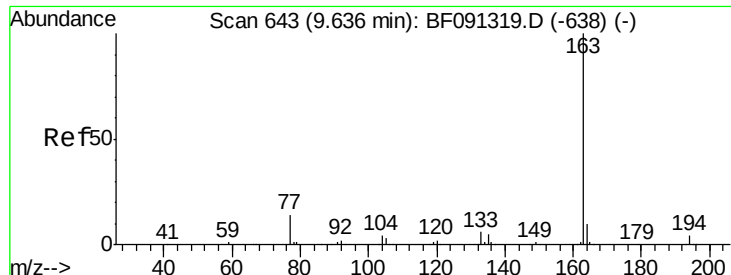


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

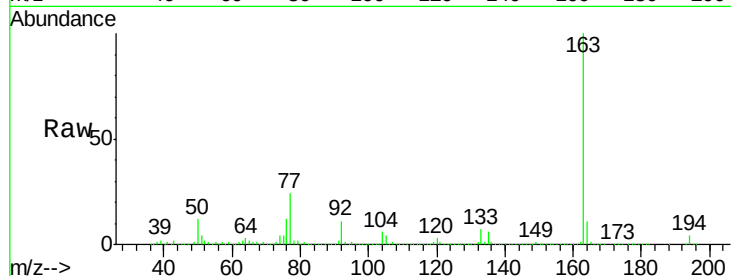




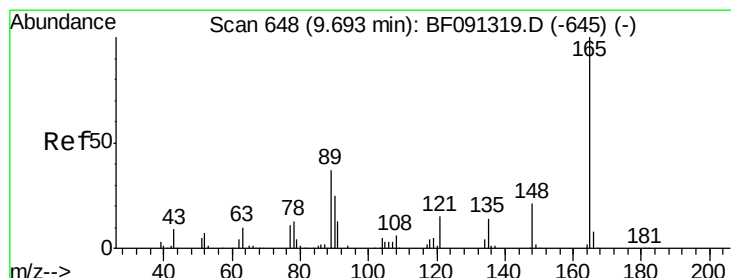
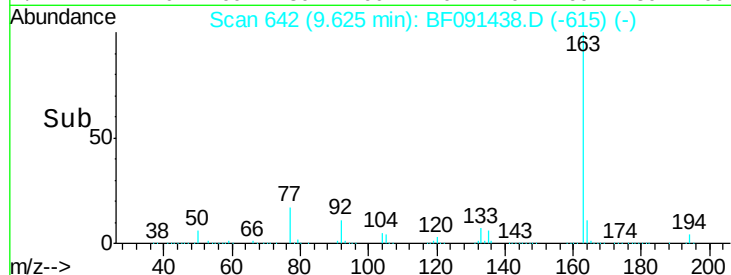
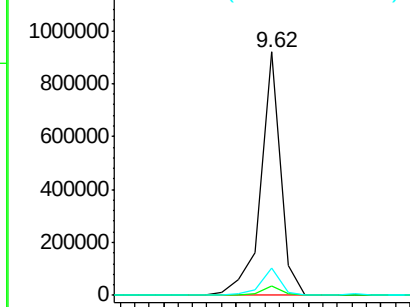
#49
Dimethylphthalate
Concen: 48.47 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion:163 Resp: 863289
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.1 7.8 11.8

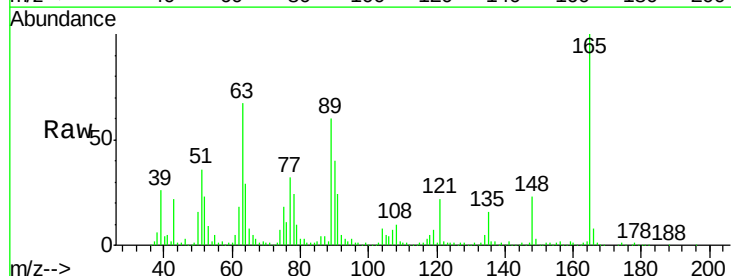


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

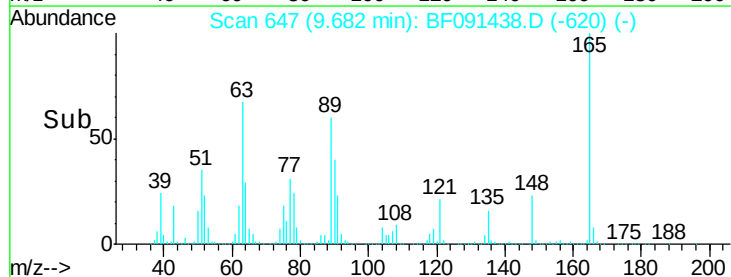
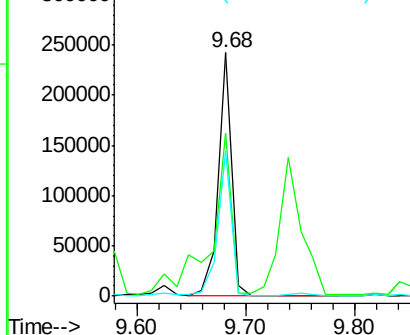


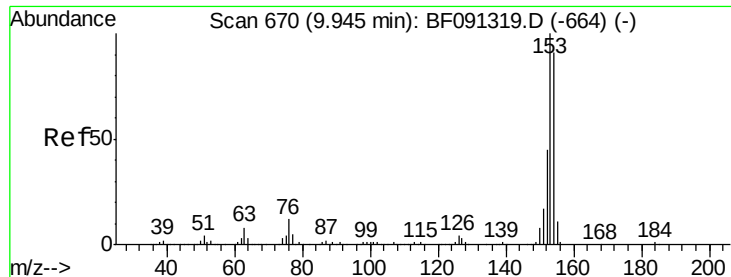
#50
2,6-Dinitrotoluene
Concen: 52.47 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:165 Resp: 208865
Ion Ratio Lower Upper
165 100
63 67.1 59.4 89.0
89 59.8 50.8 76.2



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: 54.42 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

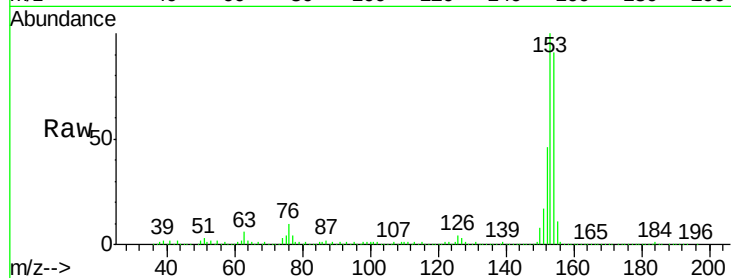
Tgt Ion:154 Resp: 910143

Ion Ratio Lower Upper

154 100

153 109.4 91.0 136.6

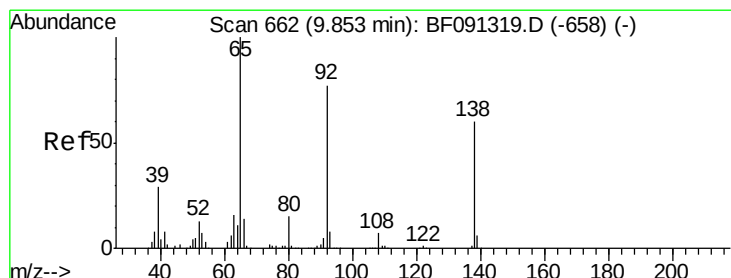
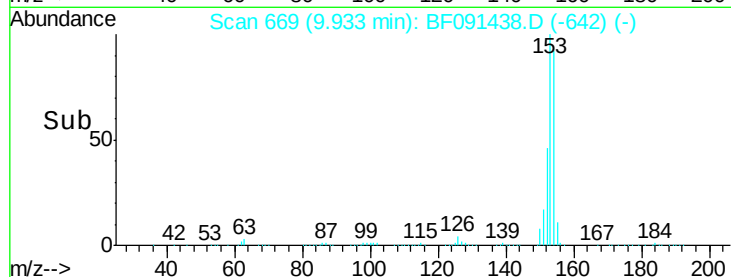
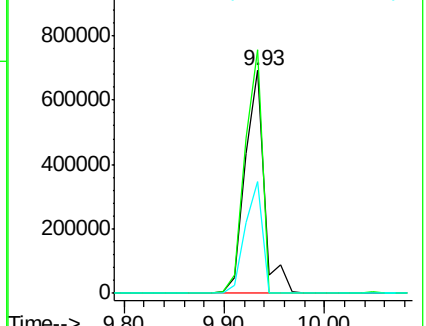
152 50.0 44.2 66.2



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: 15.75 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

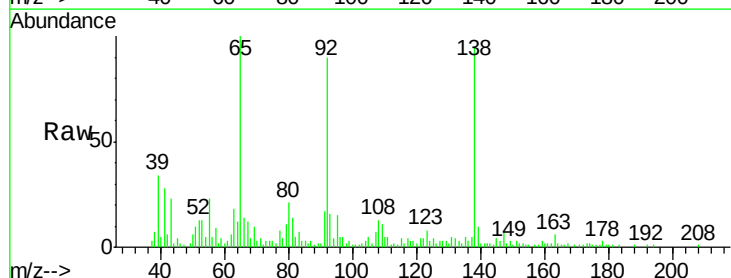
Tgt Ion:138 Resp: 72579

Ion Ratio Lower Upper

138 100

108 13.6 8.1 12.1#

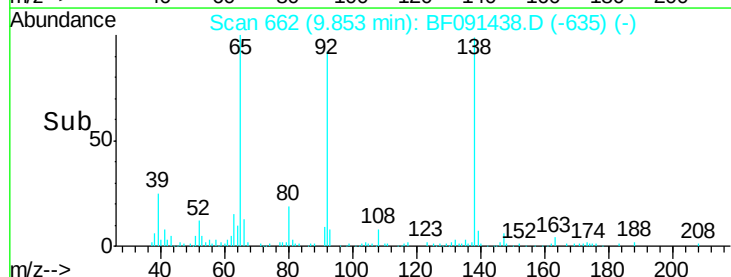
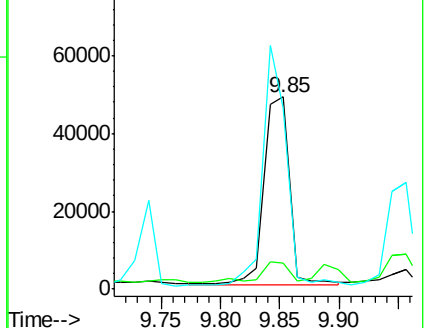
92 94.2 92.5 138.7

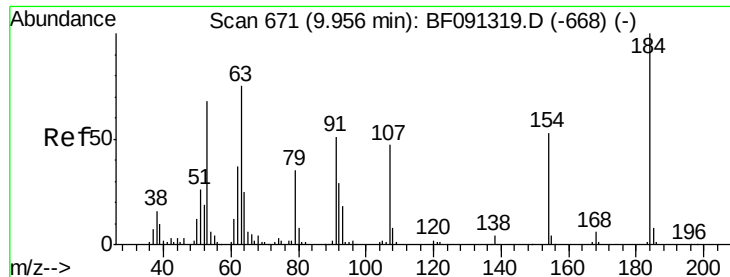


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

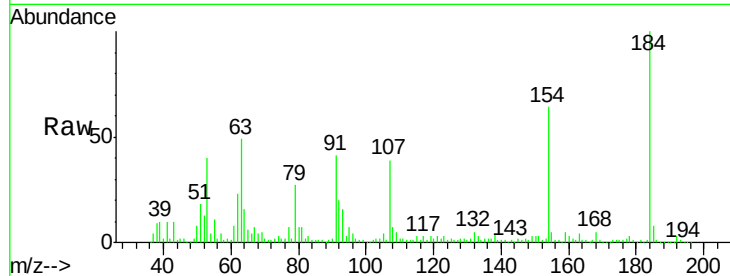




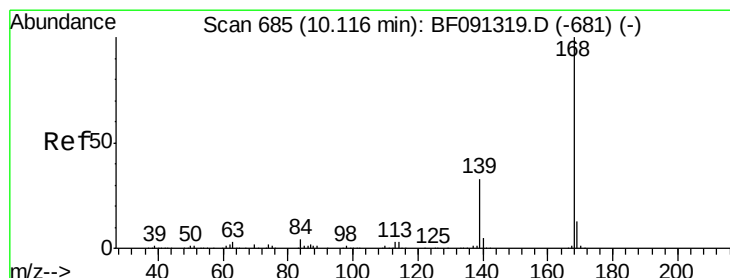
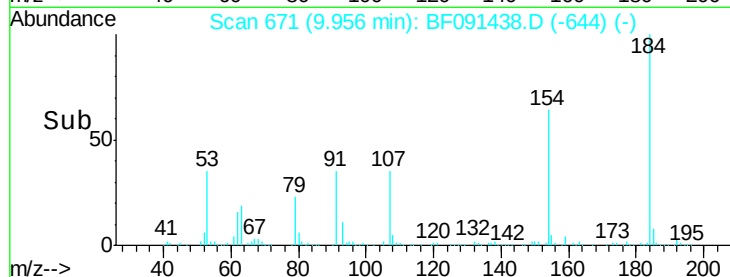
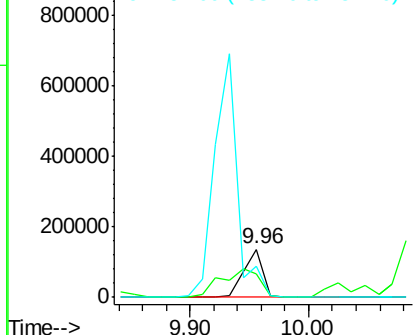
#53
2,4-Dinitrophenol
Concen: 87.48 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion:184 Resp: 152283
Ion Ratio Lower Upper
184 100
63 48.6 58.3 87.5#
154 64.1 48.6 73.0

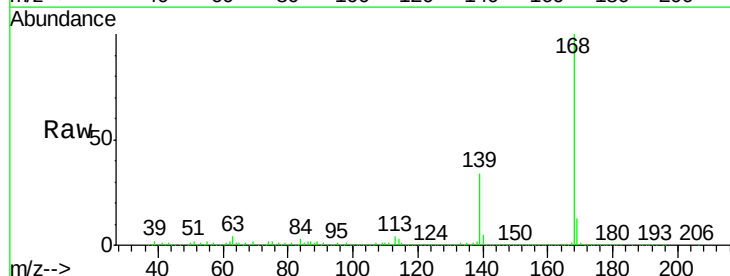


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

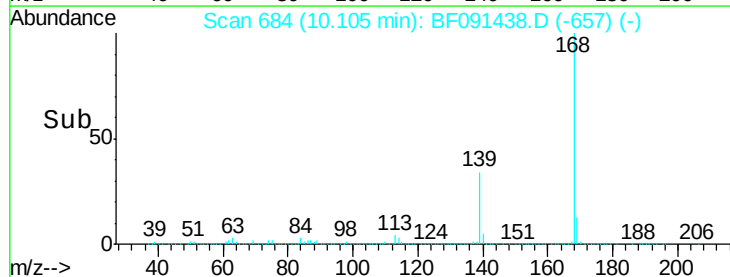
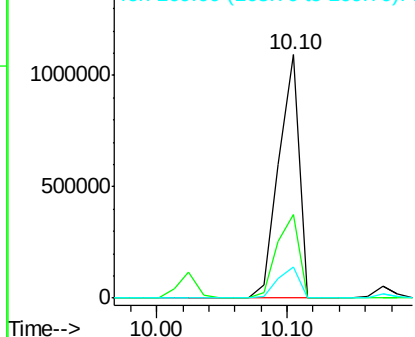


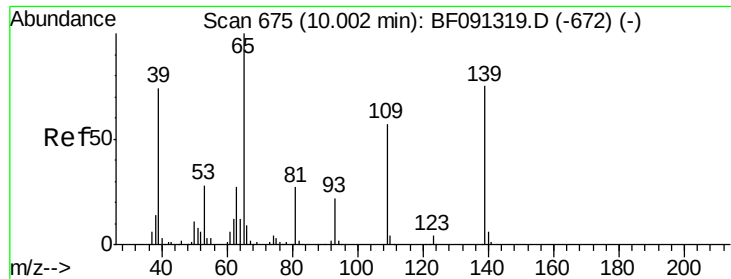
#54
Dibenzofuran
Concen: 53.84 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:168 Resp: 1205716
Ion Ratio Lower Upper
168 100
139 34.1 33.4 50.2
169 13.0 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

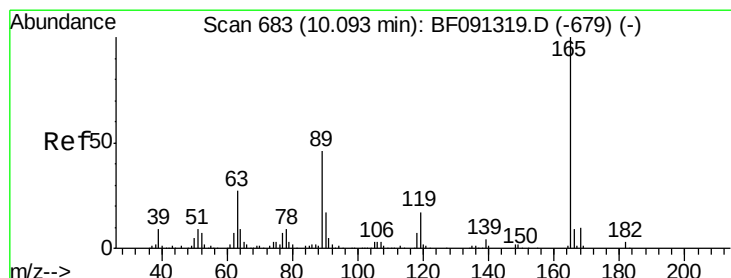
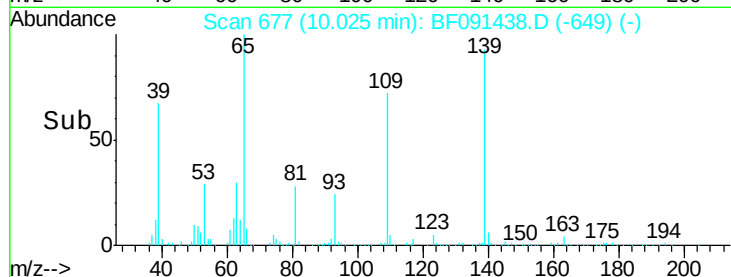
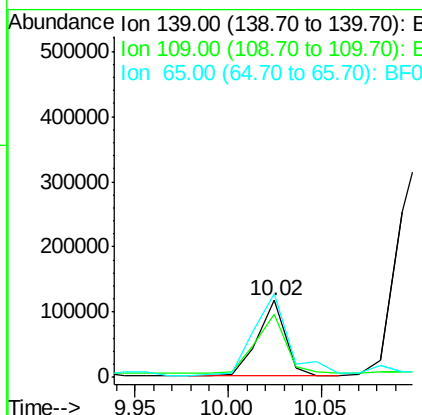
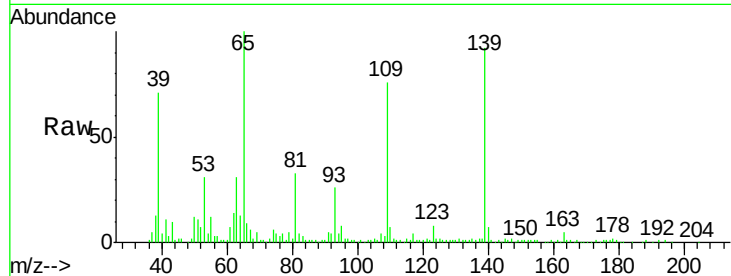




#55
4-Nitrophenol
Concen: 36.32 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.02 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

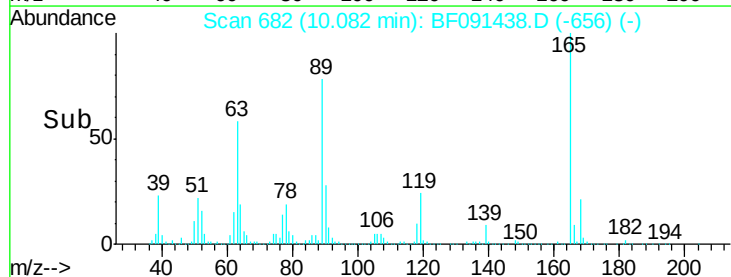
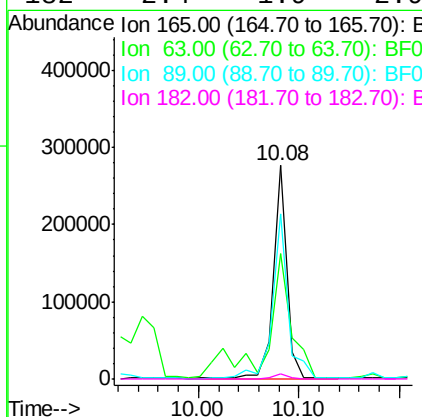
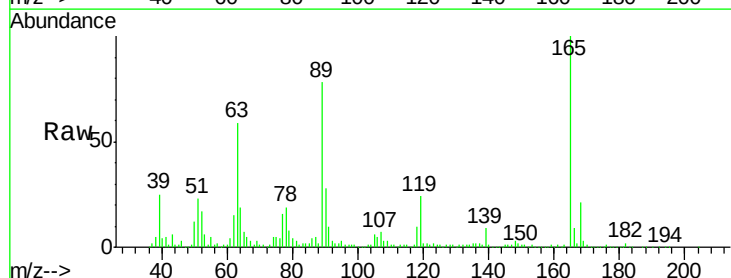
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

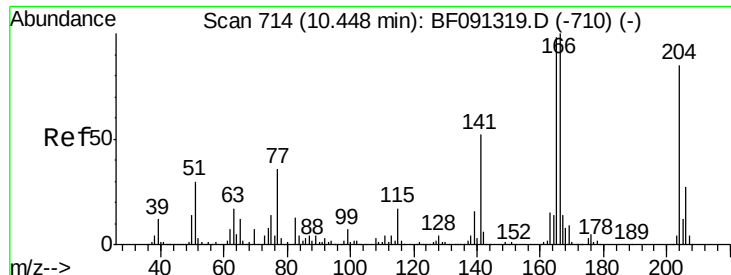
Tgt Ion:139 Resp: 120865
Ion Ratio Lower Upper
139 100
109 82.6 54.9 94.9
65 108.4 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 49.26 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:165 Resp: 254363
Ion Ratio Lower Upper
165 100
63 58.8 29.0 43.4#
89 77.6 43.1 64.7#
182 2.4 1.9 2.9

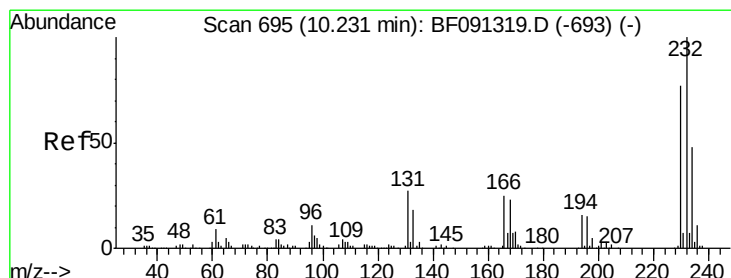
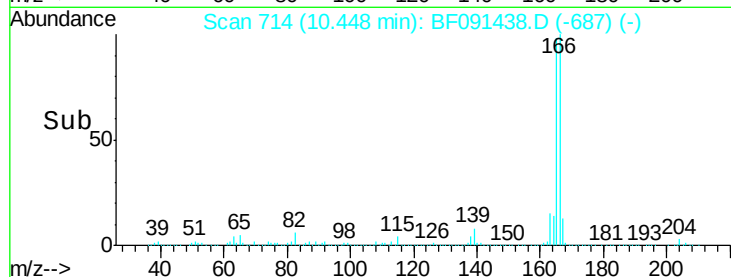
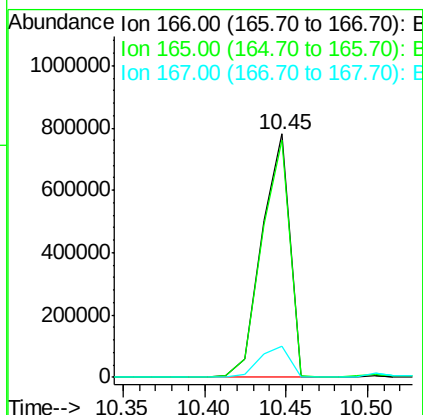
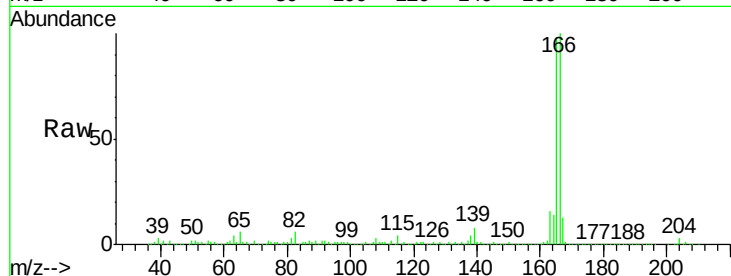




#57
Fluorene
 Concen: 53.73 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

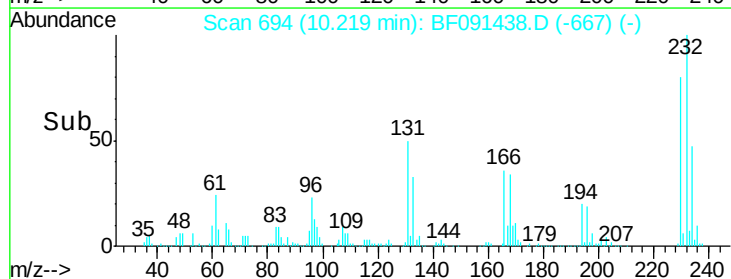
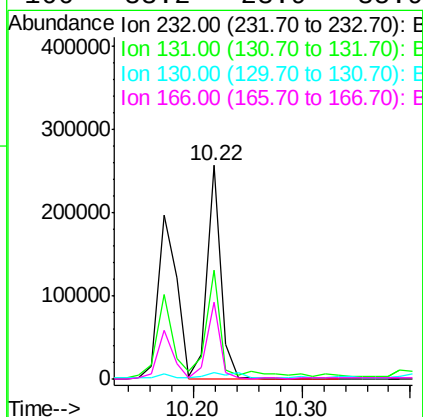
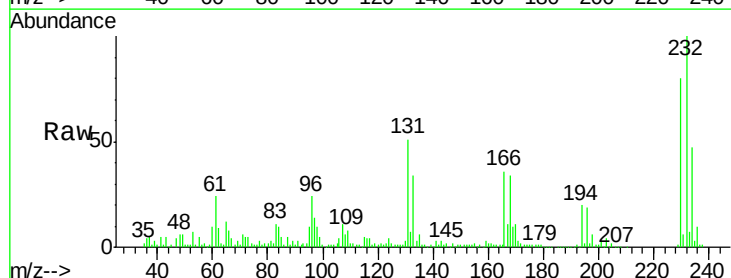
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

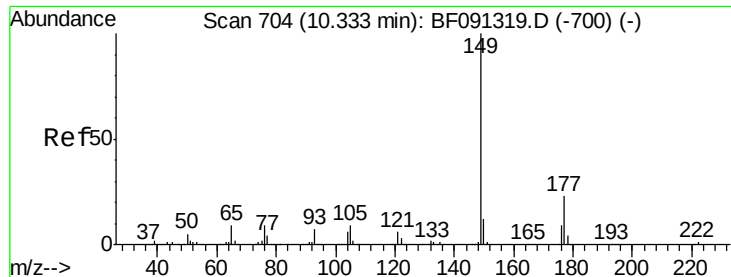
Tgt Ion:166 Resp: 923761
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.0 120.0
 167 13.0 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.47 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:232 Resp: 228153
 Ion Ratio Lower Upper
 232 100
 131 46.2 38.4 57.6
 130 6.0 1.8 2.8#
 166 33.2 23.9 35.9

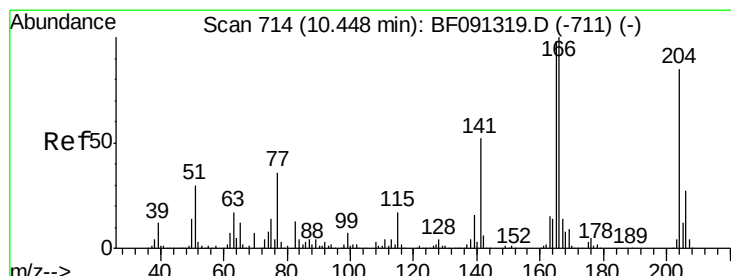
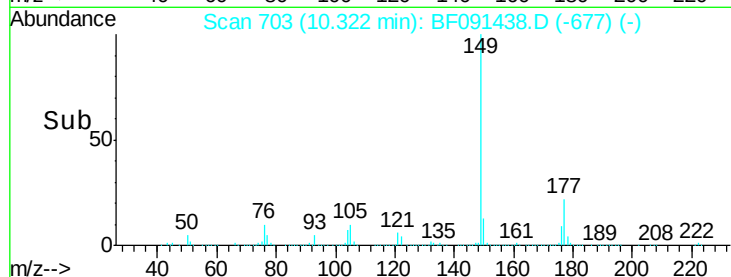
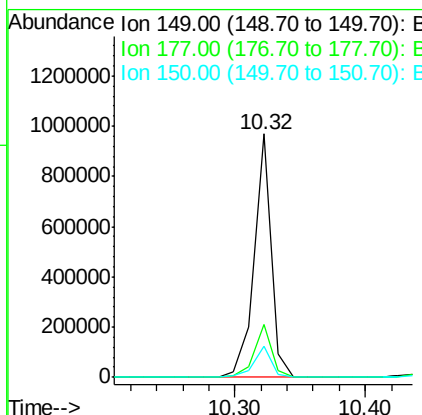
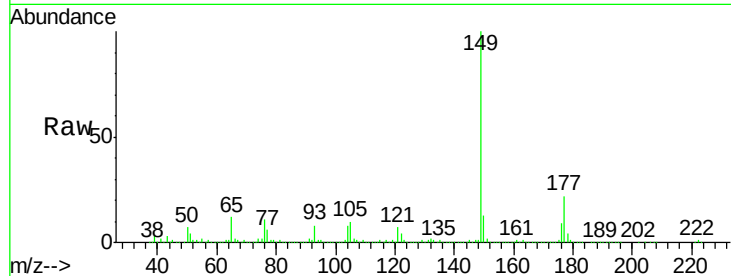




#59
Diethylphthalate
Concen: 50.02 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

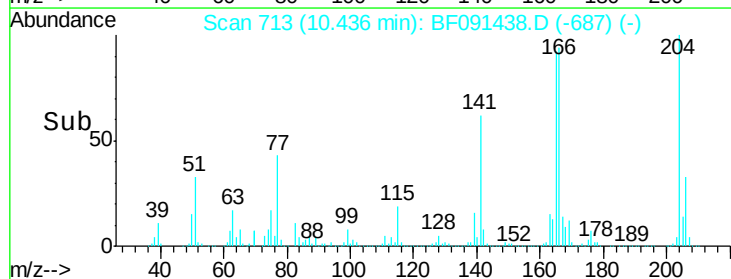
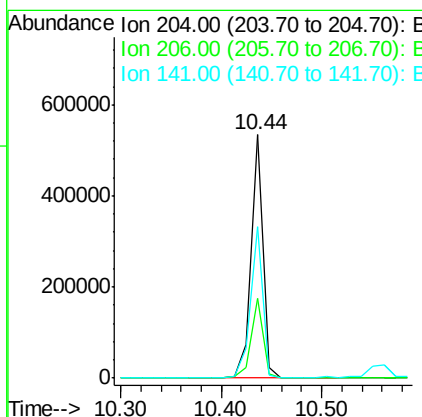
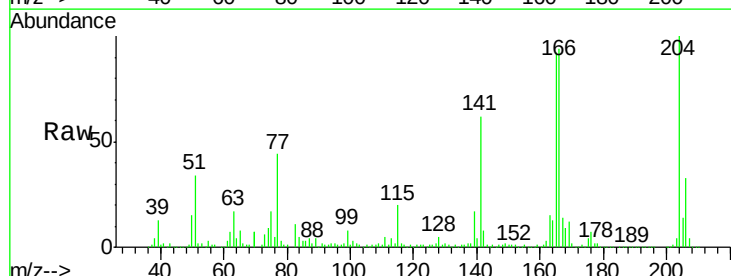
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

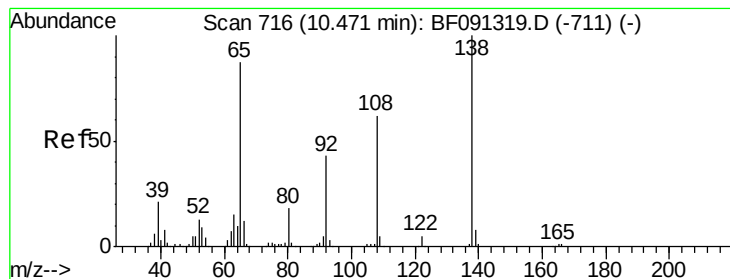
Tgt Ion:149 Resp: 879359
Ion Ratio Lower Upper
149 100
177 21.9 15.7 23.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 50.73 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:204 Resp: 437428
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 62.3 40.6 61.0#





#61

4-Nitroaniline

Concen: 31.06 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

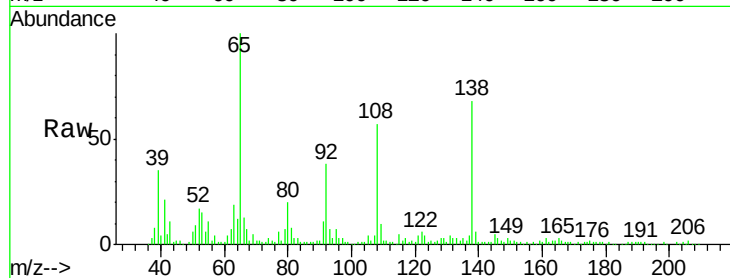
Tgt Ion:138 Resp: 134383

Ion Ratio Lower Upper

138 100

92 55.7 26.9 66.9

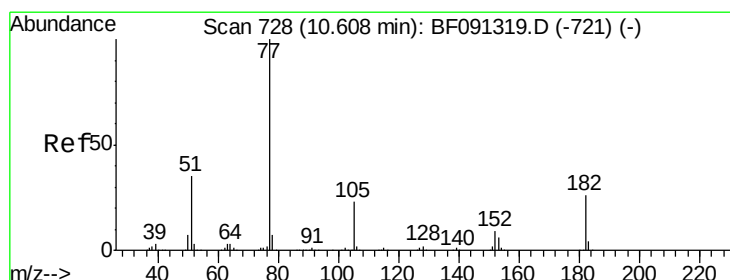
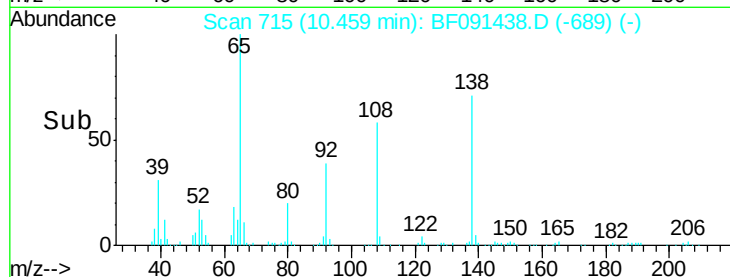
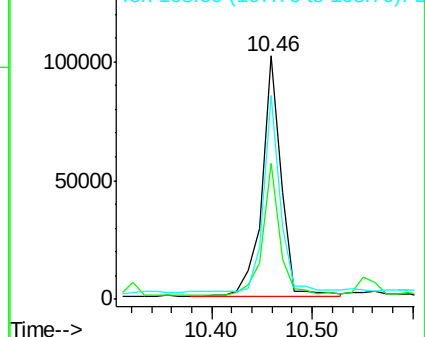
108 83.6 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 56.55 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion: 77 Resp: 1014479

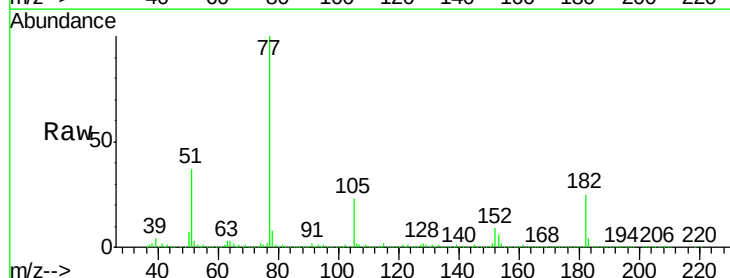
Ion Ratio Lower Upper

77 100

182 25.3 12.5 52.5

105 22.5 3.7 43.7

51 36.7 11.9 51.9

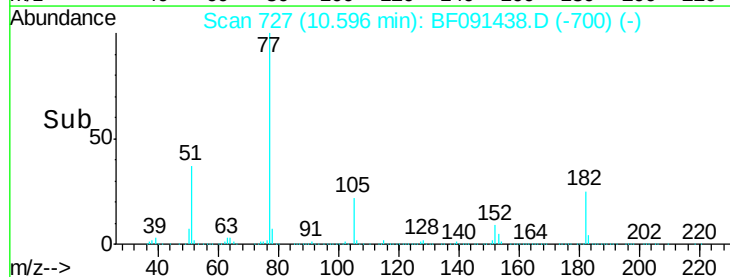
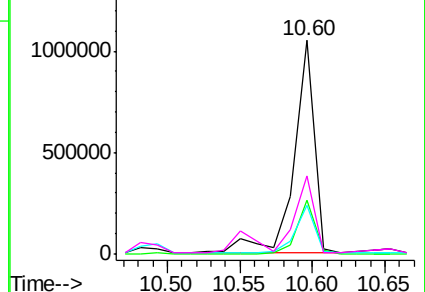


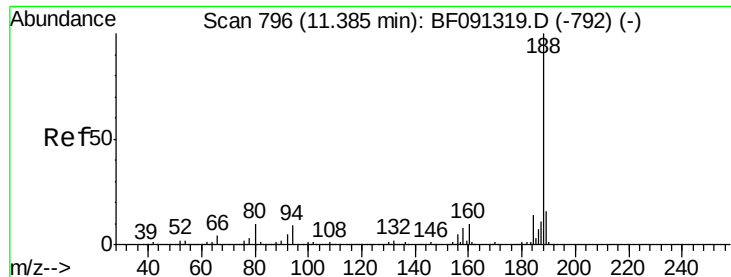
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampled :

MW-04MSD

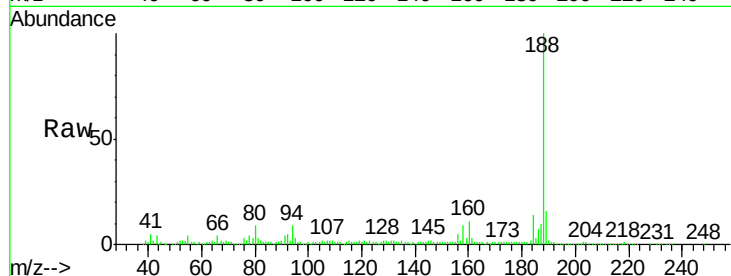
Tgt Ion:188 Resp: 448367

Ion Ratio Lower Upper

188 100

94 9.0 9.2 13.8#

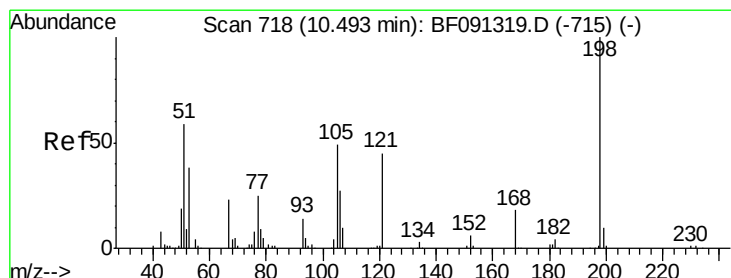
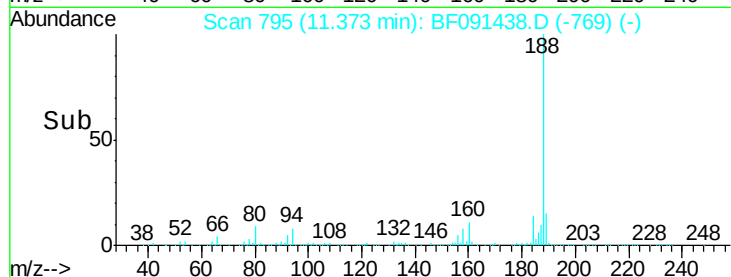
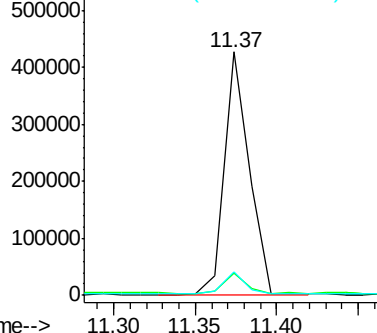
80 9.4 10.5 15.7#



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: 55.72 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

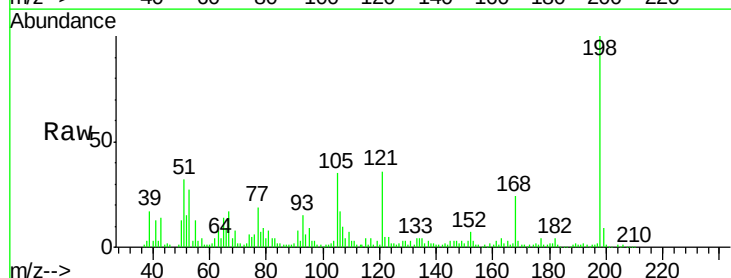
Tgt Ion:198 Resp: 137641

Ion Ratio Lower Upper

198 100

51 32.2 77.1 117.1#

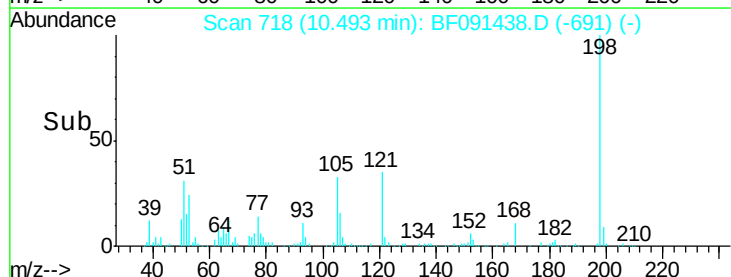
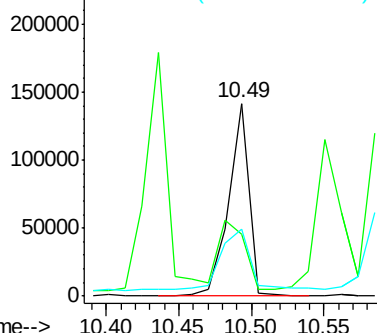
105 34.6 44.8 84.8#

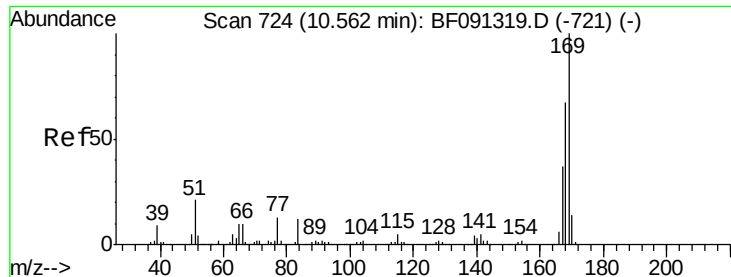


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

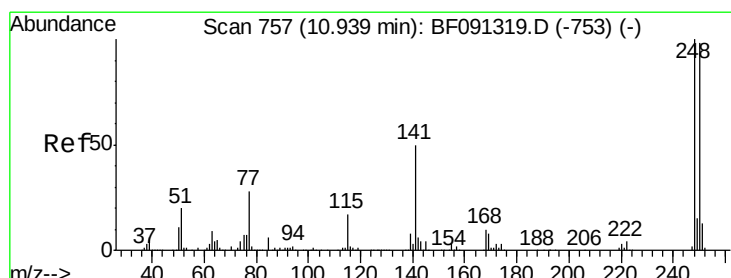
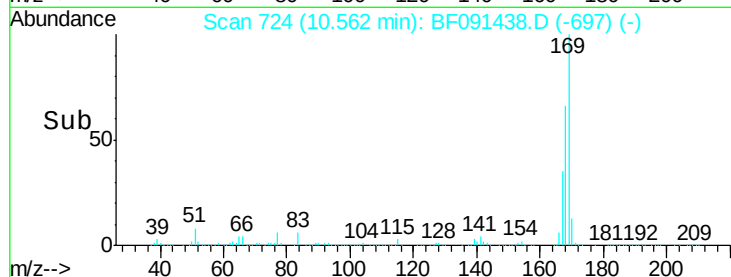
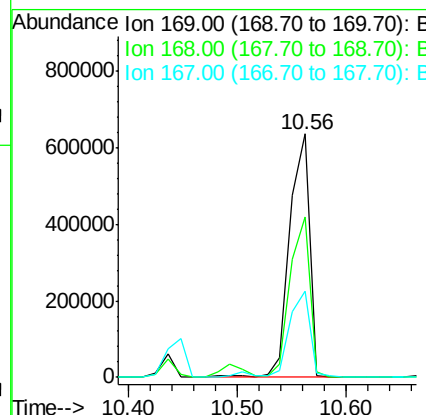
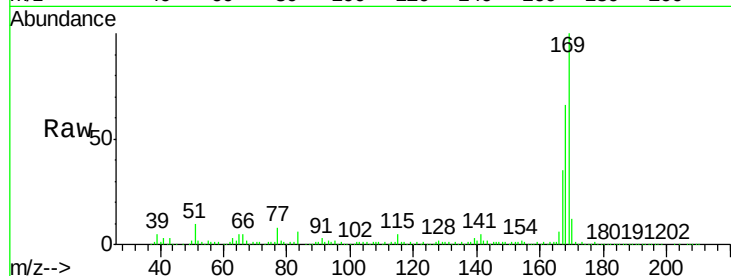




#65
n-Nitrosodiphenylamine
Concen: 59.50 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

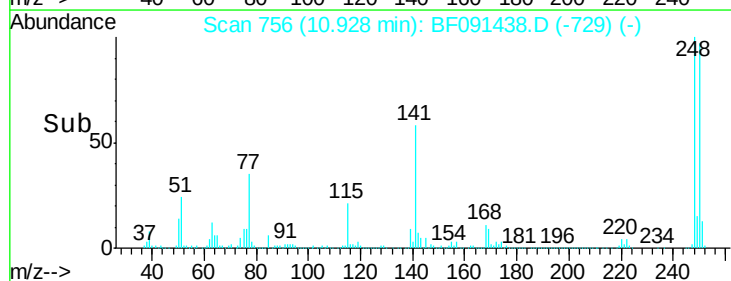
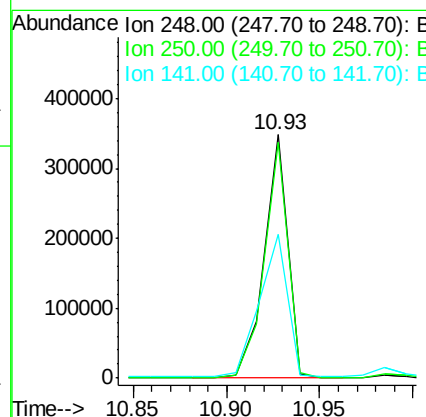
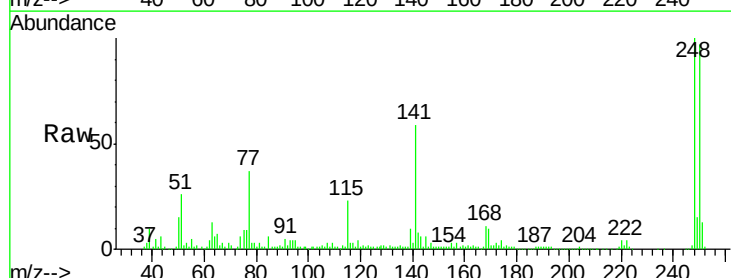
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

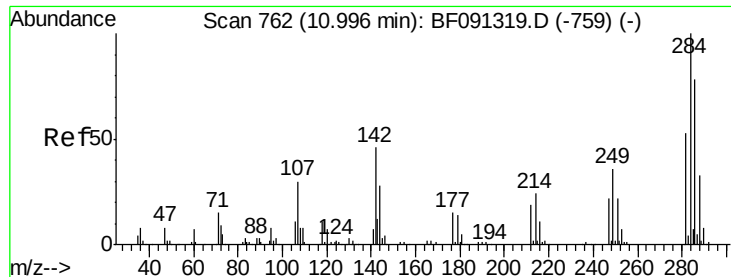
Tgt Ion:169 Resp: 808782
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 35.2 29.8 44.8



#66
4-Bromophenyl-phenylether
Concen: 62.68 ng
RT: 10.93 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:248 Resp: 302085
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.4
141 59.1 71.9 107.9#

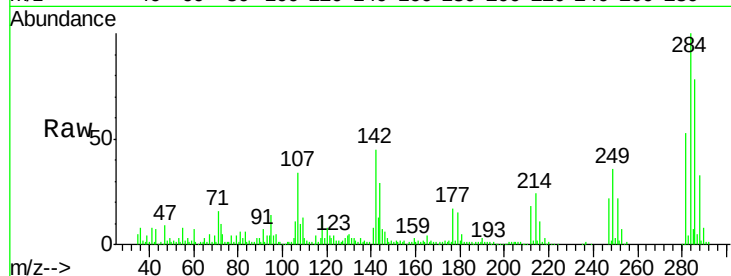




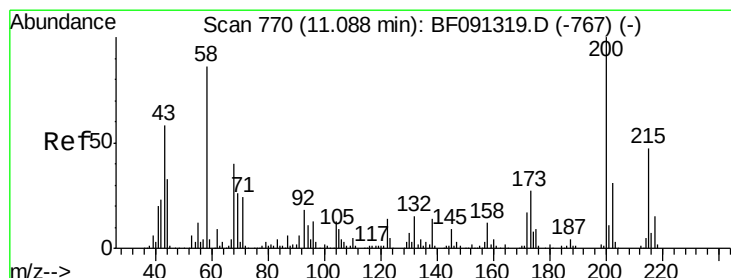
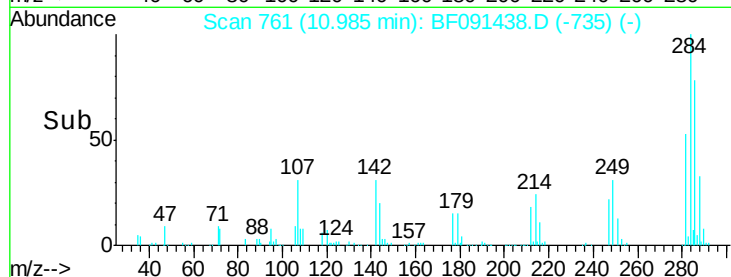
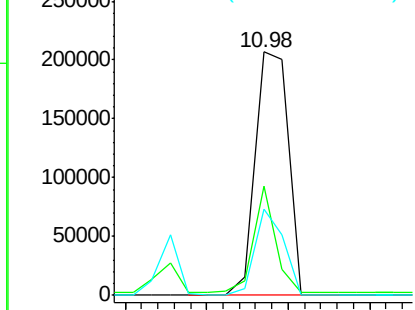
#67
Hexachlorobenzene
Concen: 55.80 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion:284 Resp: 290595
Ion Ratio Lower Upper
284 100
142 45.0 17.9 26.9#
249 35.6 23.6 35.4#

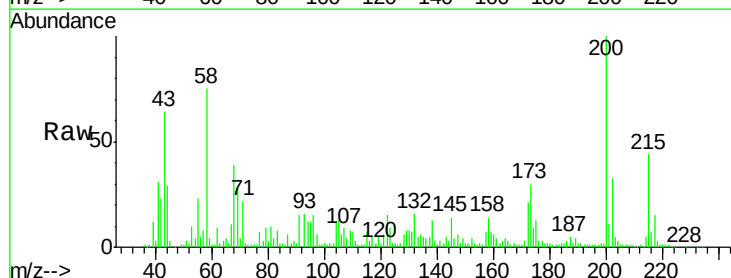


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

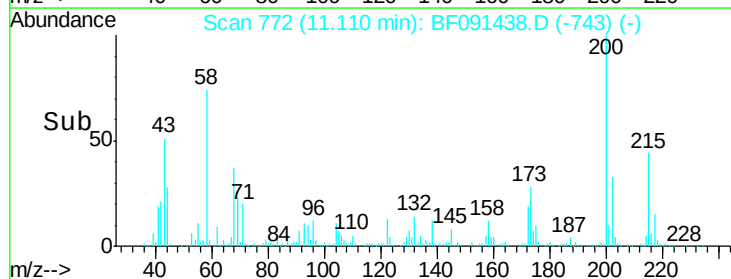
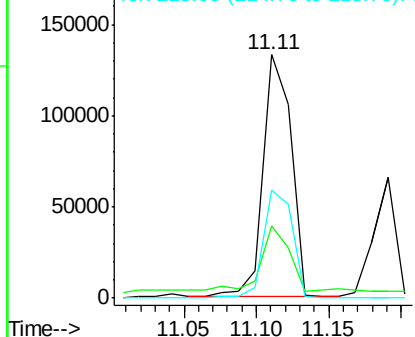


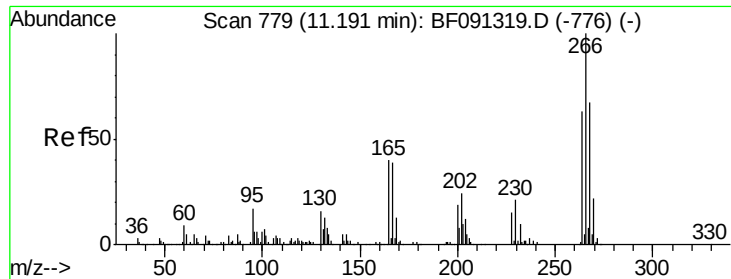
#68
Atrazine
Concen: 40.25 ng
RT: 11.11 min Scan# 772
Delta R.T. 0.03 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:200 Resp: 177215
Ion Ratio Lower Upper
200 100
173 29.7 7.8 47.8
215 44.1 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

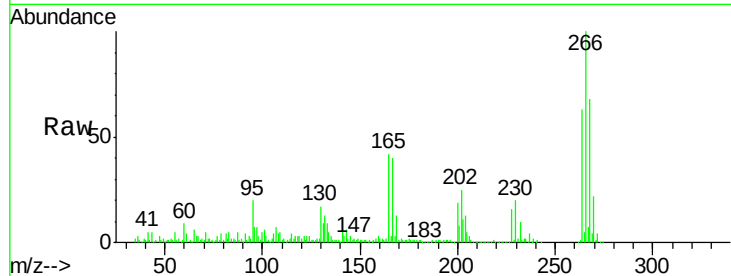




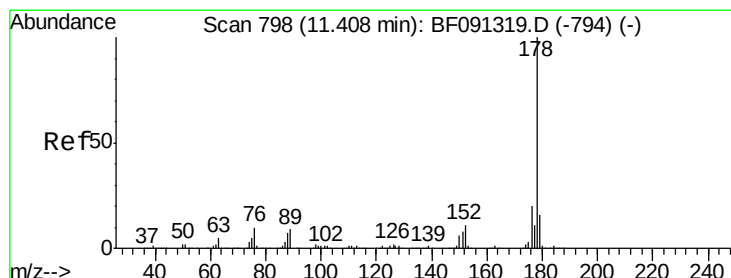
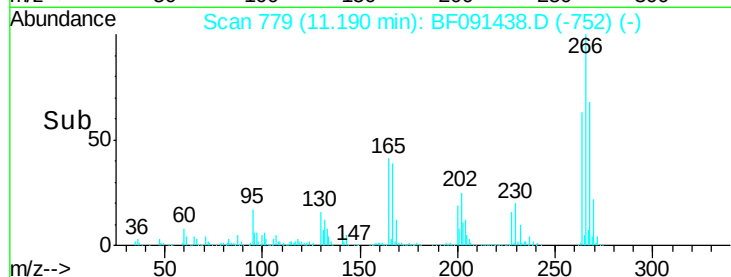
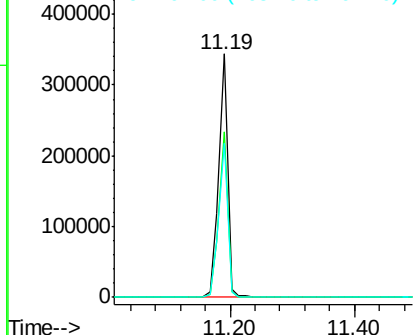
#69
 Pentachlorophenol
 Concen: 109.94 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion:266 Resp: 337050
 Ion Ratio Lower Upper
 266 100
 268 67.7 50.3 75.5
 264 63.4 48.2 72.2

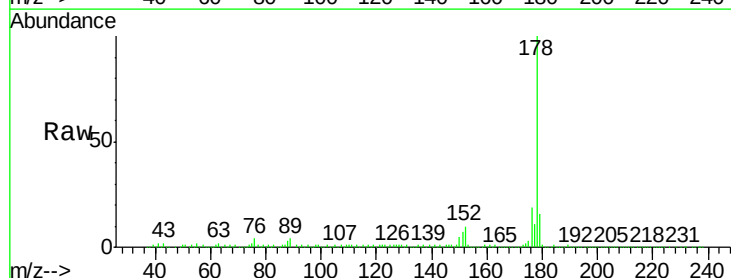


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

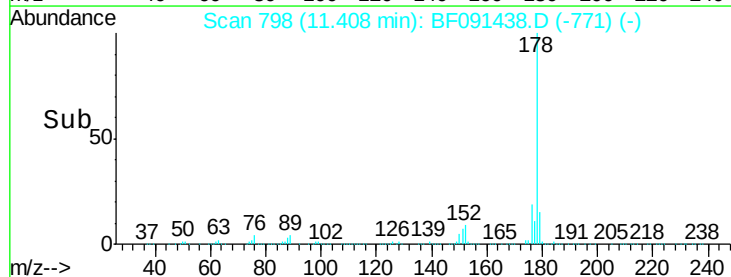
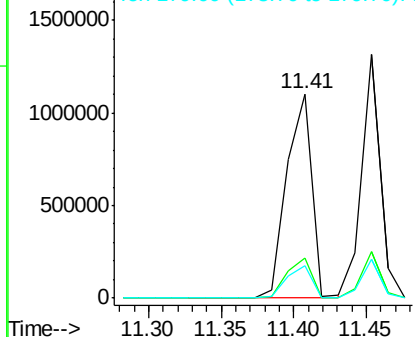


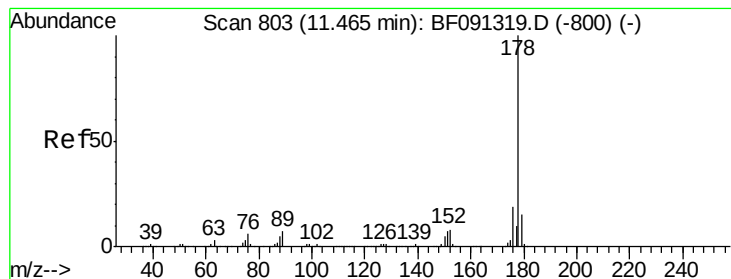
#70
 Phenanthrene
 Concen: 56.20 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:178 Resp: 1309329
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.6 12.6 18.8



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: 51.29 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

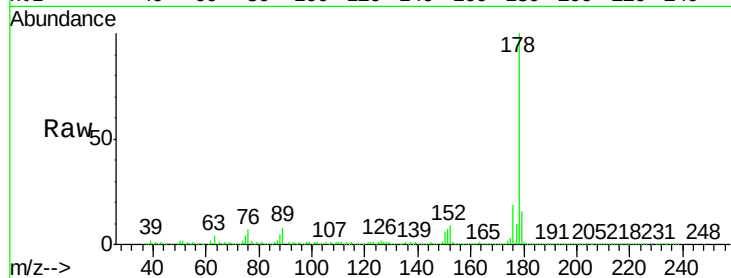
Tgt Ion:178 Resp: 1185959

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

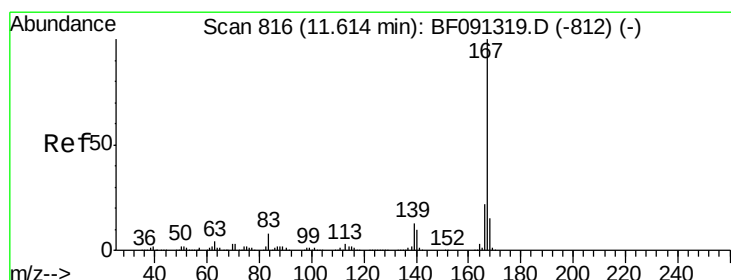
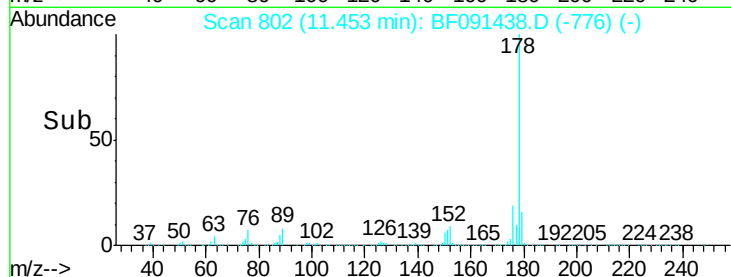
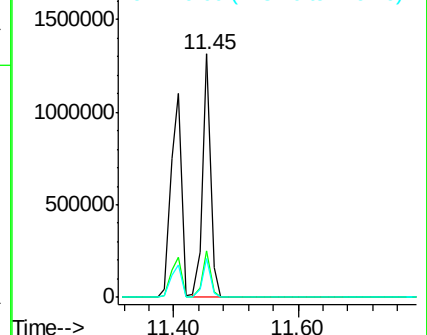
179 15.8 12.7 19.1



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: 51.64 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

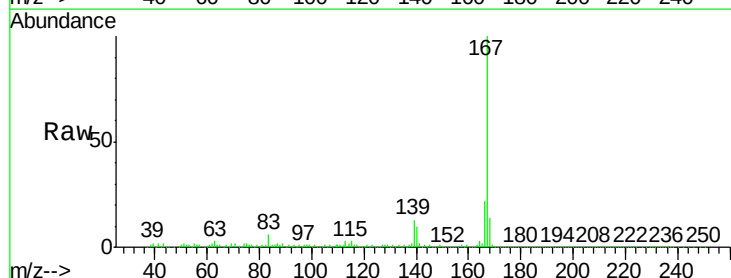
Tgt Ion:167 Resp: 1083502

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

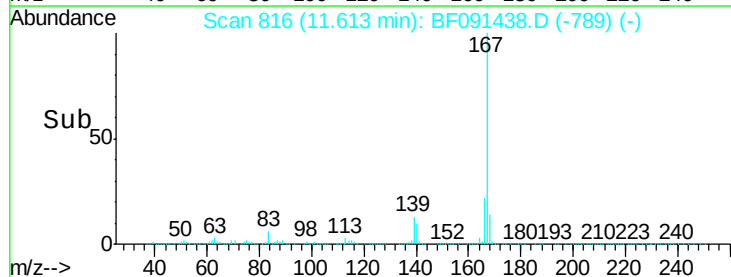
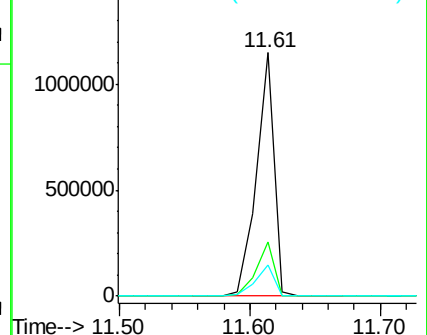
139 12.9 11.5 17.3

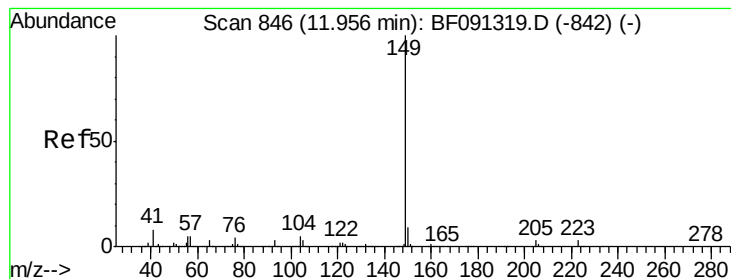


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.28 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

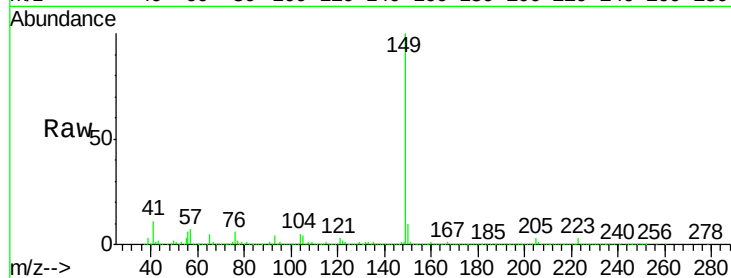
Tgt Ion:149 Resp: 1219470

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

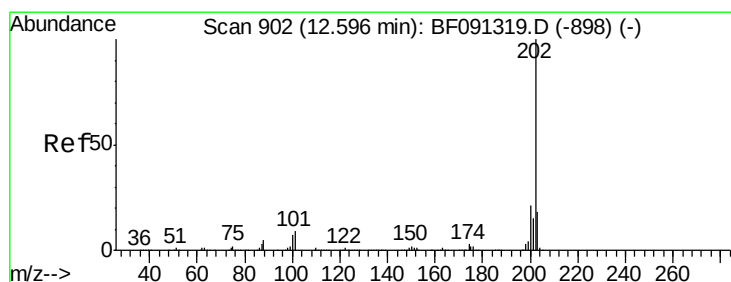
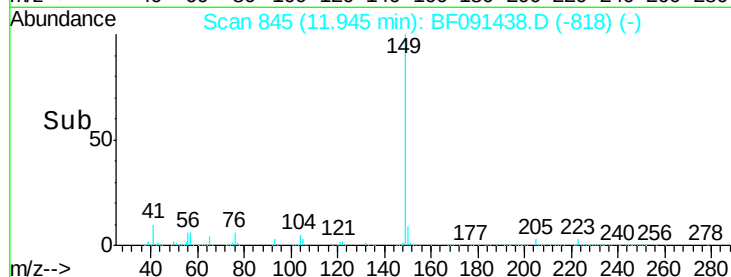
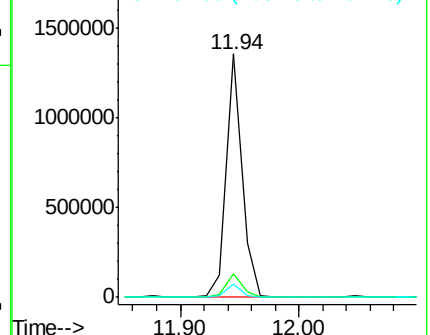
104 5.5 4.0 6.0



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: 49.12 ng

RT: 12.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

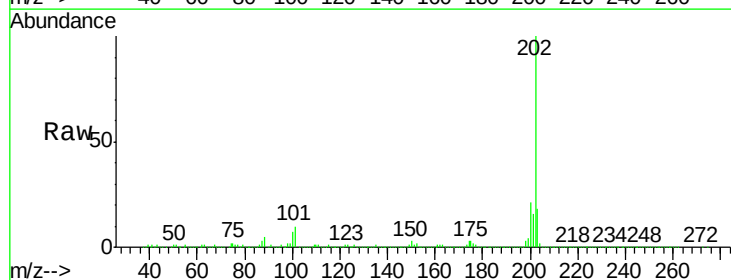
Tgt Ion:202 Resp: 1084028

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.5

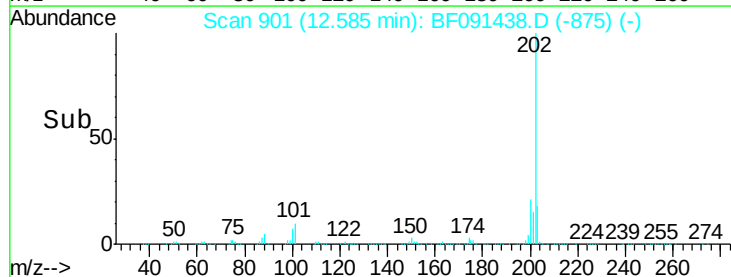
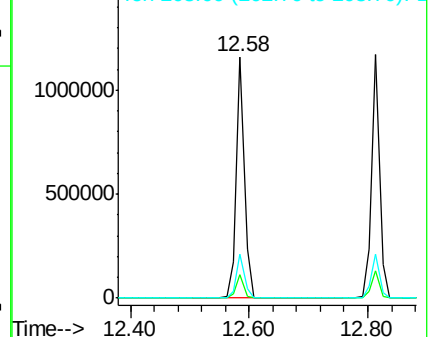
203 18.1 0.0 37.8

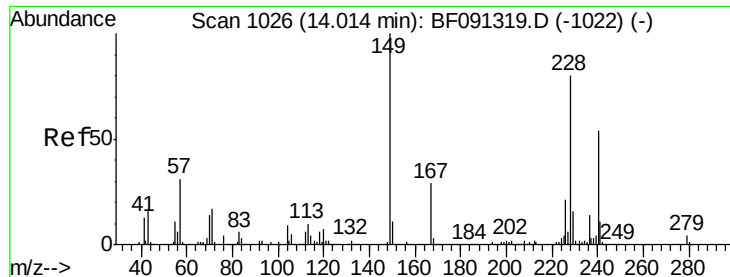


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

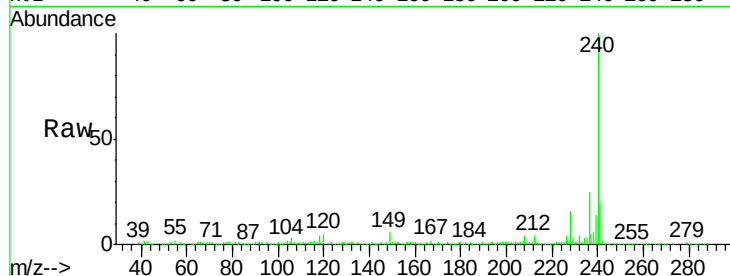
Tgt Ion:240 Resp: 294764

Ion Ratio Lower Upper

240 100

120 4.7 12.1 18.1#

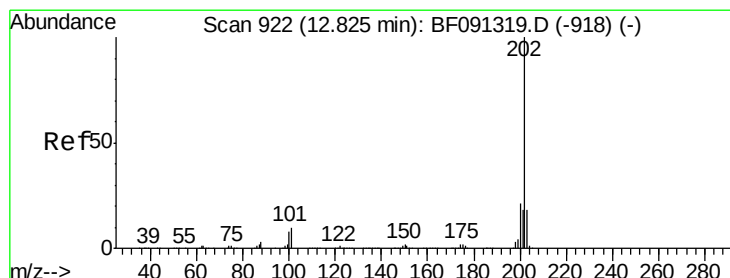
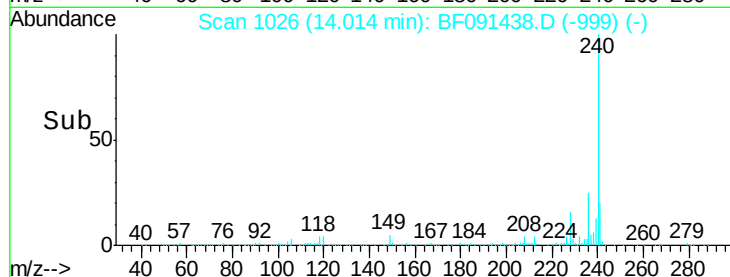
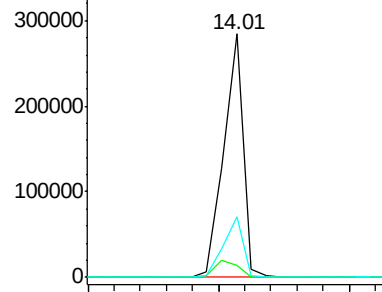
236 25.0 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 48.36 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

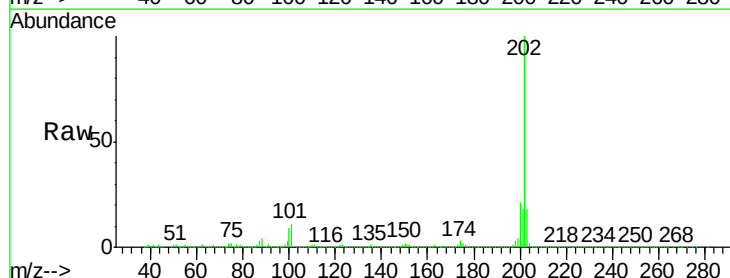
Tgt Ion:202 Resp: 1081728

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

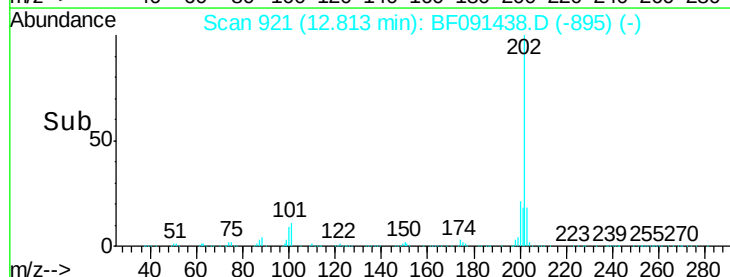
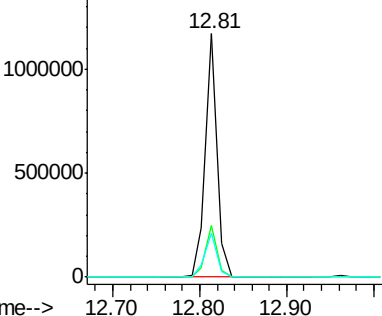
203 17.9 14.0 21.0

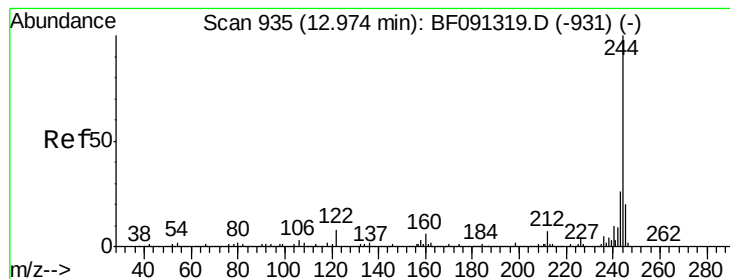


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.98 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

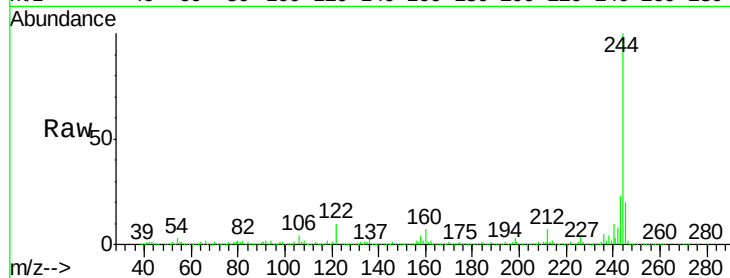
Tgt Ion:244 Resp: 1450784

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

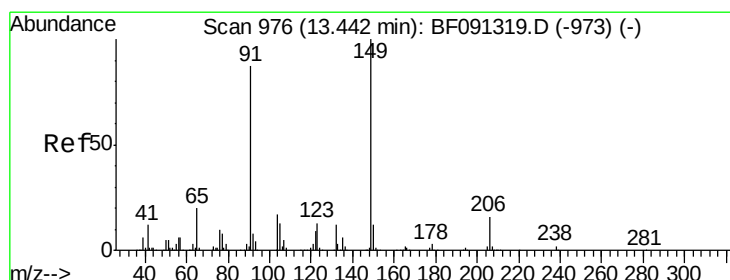
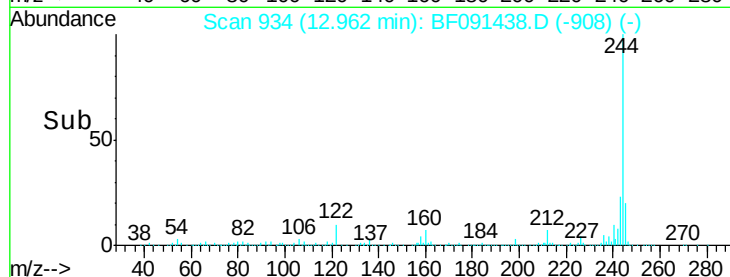
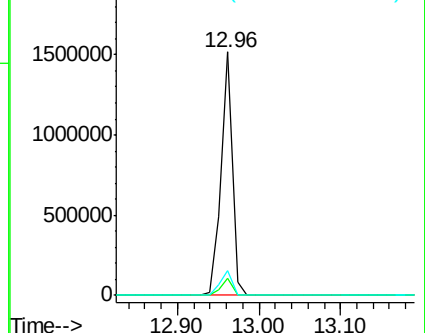
122 10.2 9.5 14.3



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: 57.13 ng

RT: 13.44 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

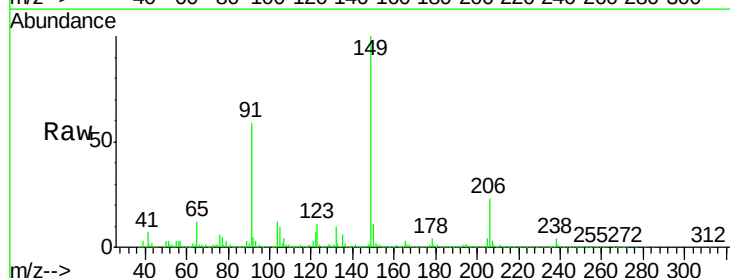
Tgt Ion:149 Resp: 478520

Ion Ratio Lower Upper

149 100

91 59.3 57.4 86.2

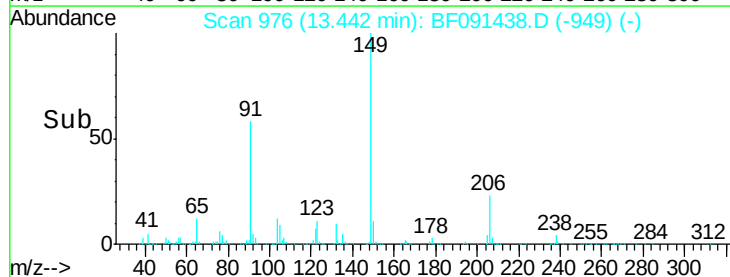
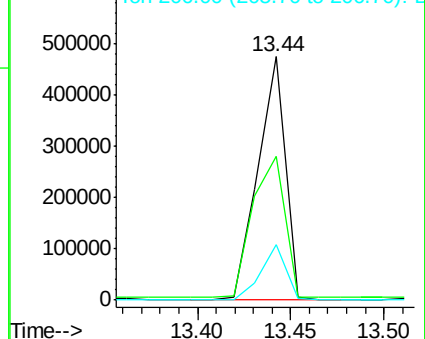
206 22.8 15.4 23.2

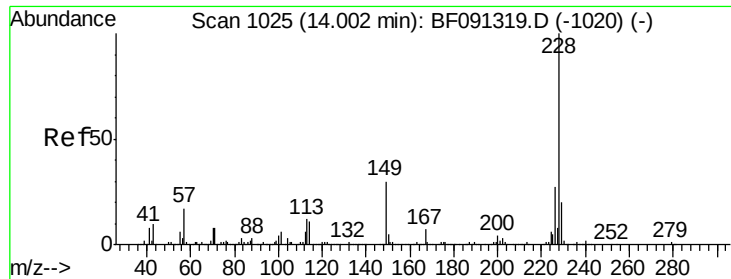


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 52.57 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

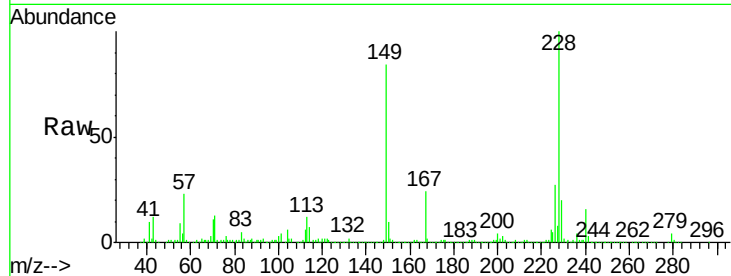
Tgt Ion:228 Resp: 906269

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

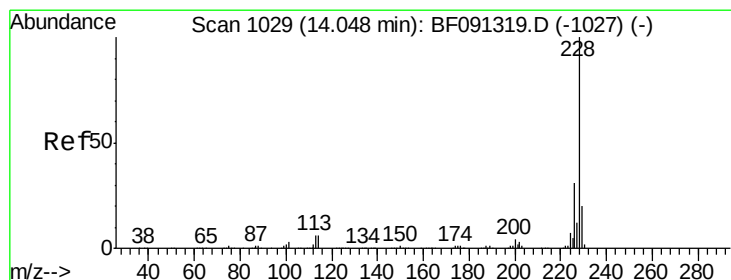
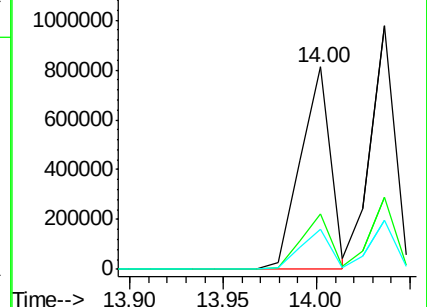
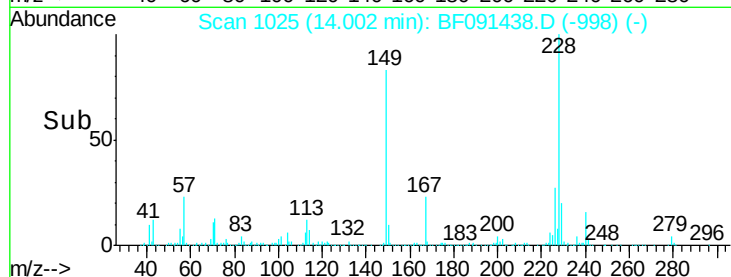
229 20.0 16.4 24.6



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



#82

Chrysene

Concen: 51.86 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

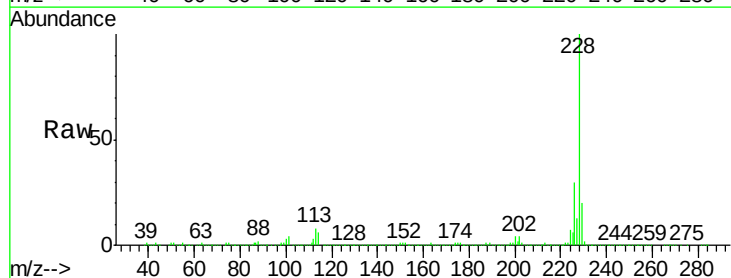
Tgt Ion:228 Resp: 884541

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.4

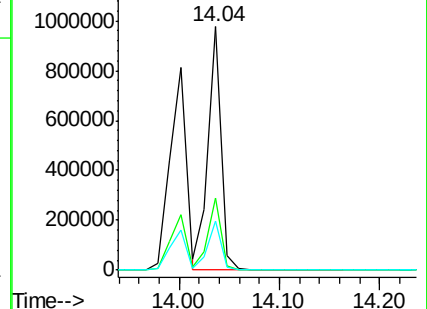
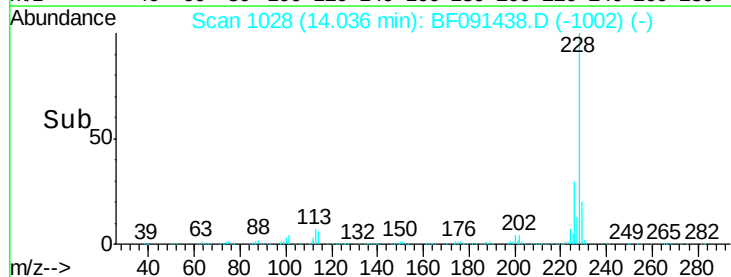
229 20.1 16.0 24.0

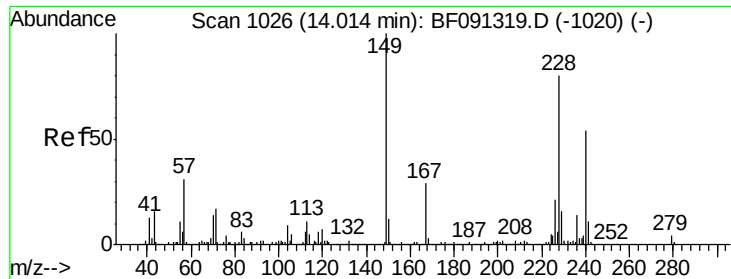


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

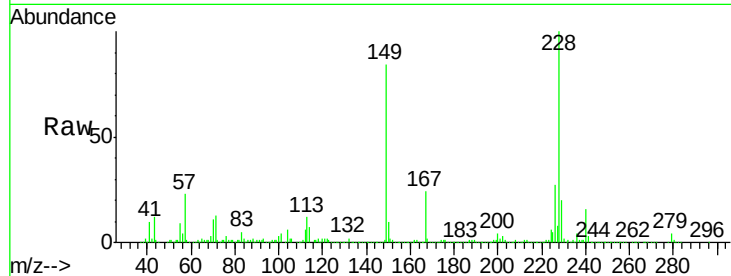




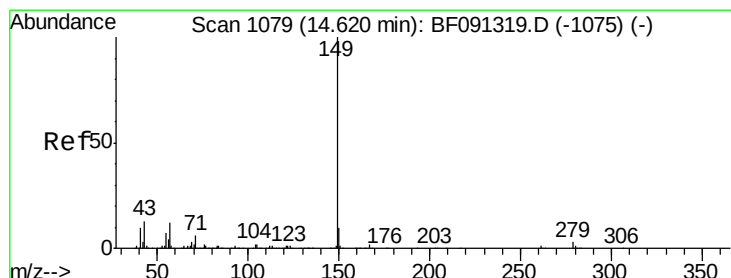
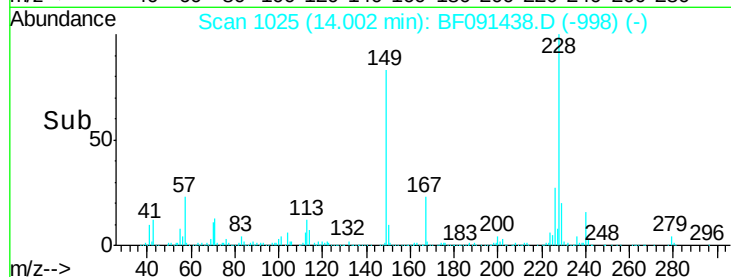
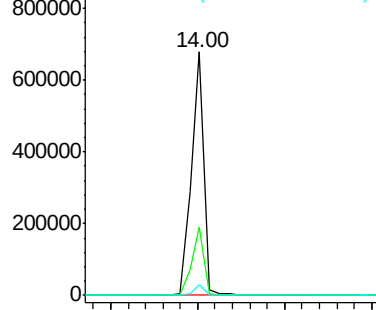
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.15 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion:149 Resp: 681148
 Ion Ratio Lower Upper
 149 100
 167 28.2 19.6 29.4
 279 4.4 1.9 2.9#

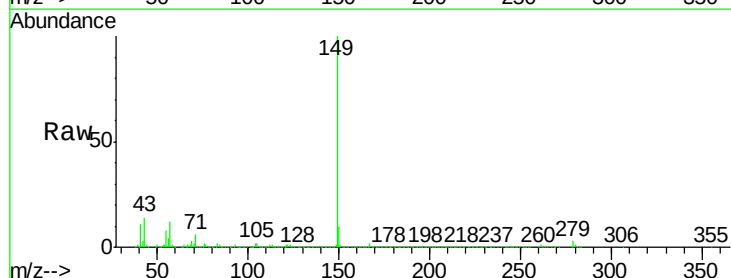


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

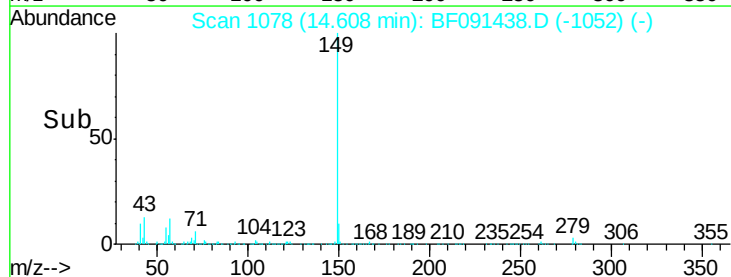
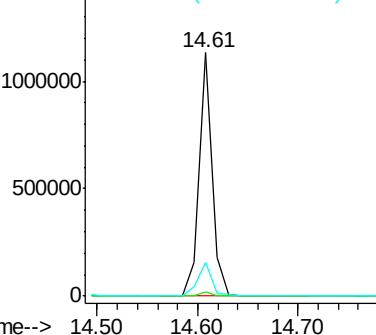


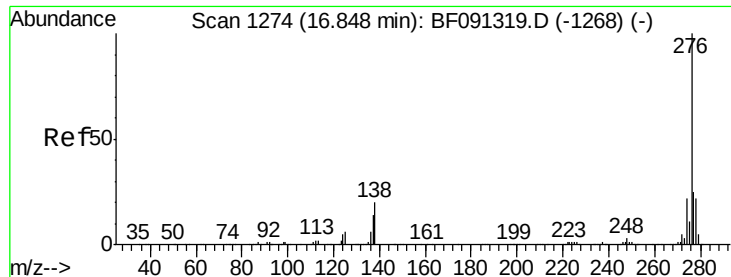
#84
 Di-n-octyl phthalate
 Concen: 63.17 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:149 Resp: 1014914
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.9 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

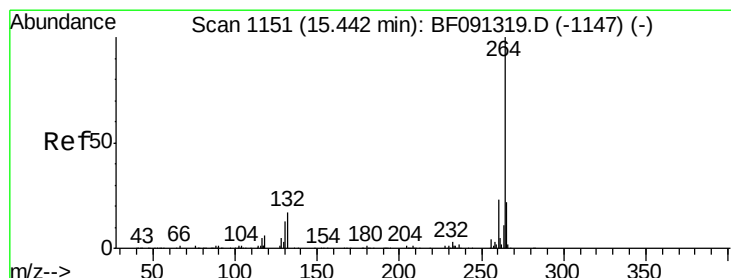
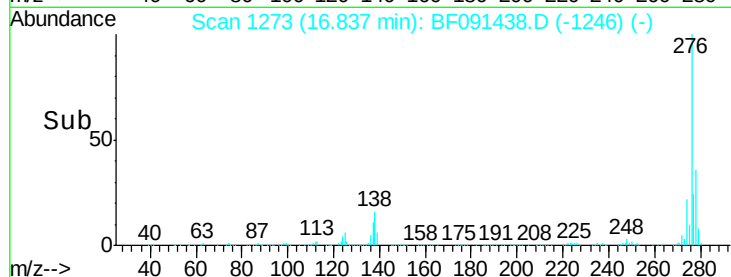
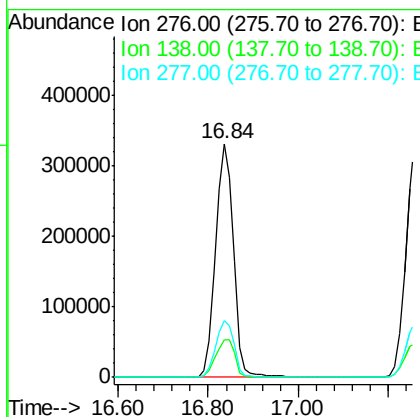
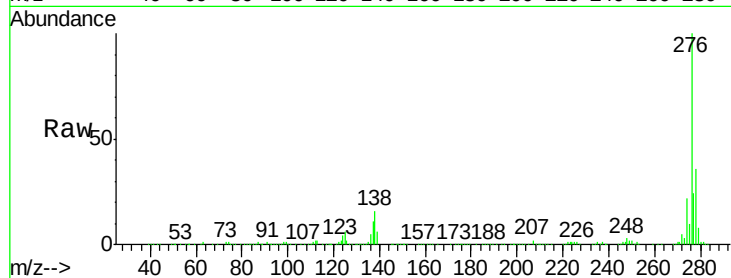




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.95 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

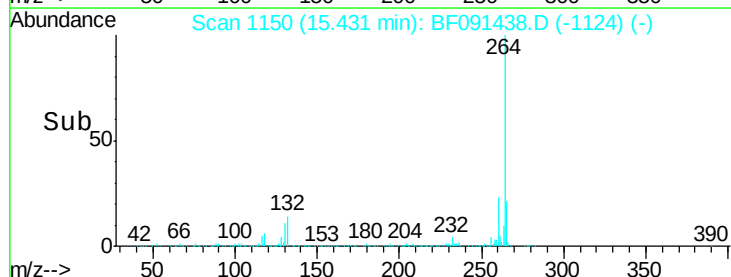
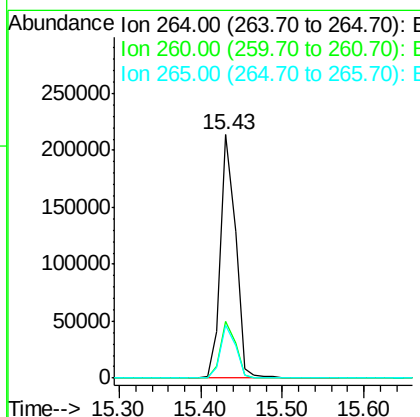
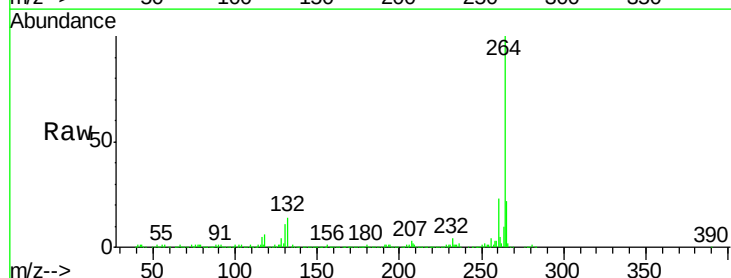
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

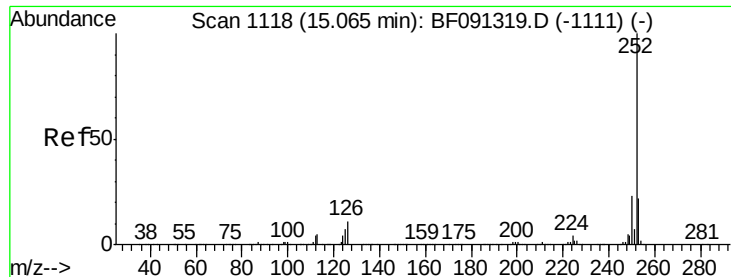
Tgt Ion: 276 Resp: 920886
 Ion Ratio Lower Upper
 276 100
 138 17.4 21.0 31.4#
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion: 264 Resp: 274550
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.7 17.0 25.6

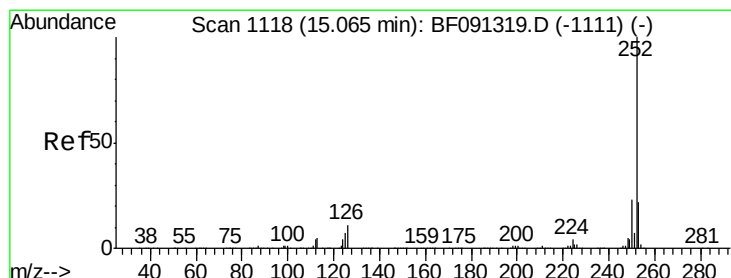
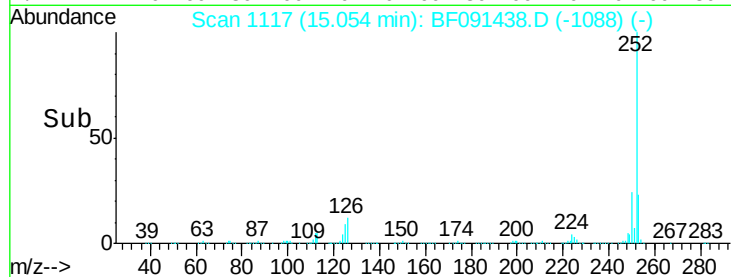
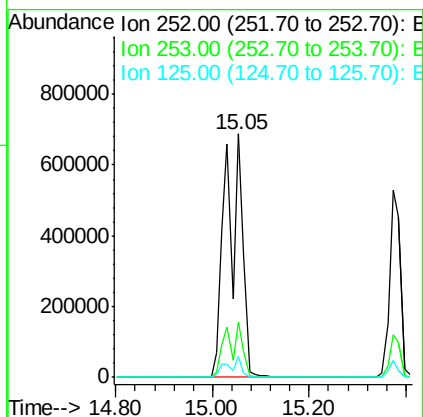
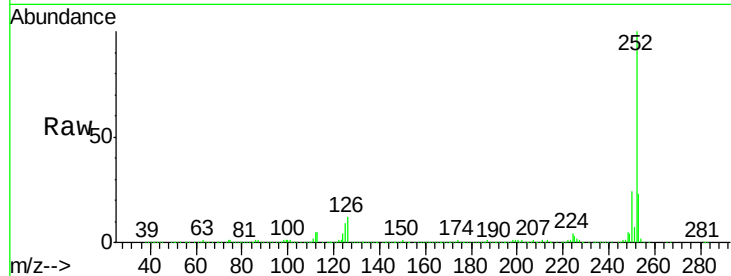




#87
Benzo(b)fluoranthene
Concen: 98.57 ng
RT: 15.05 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

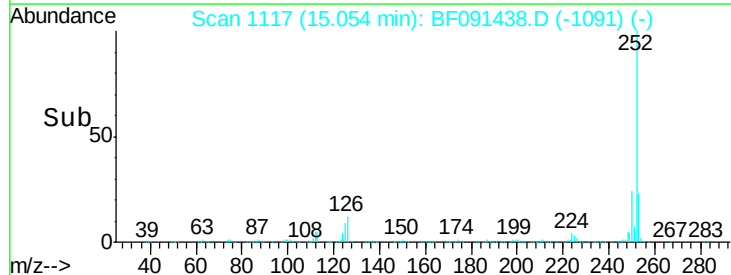
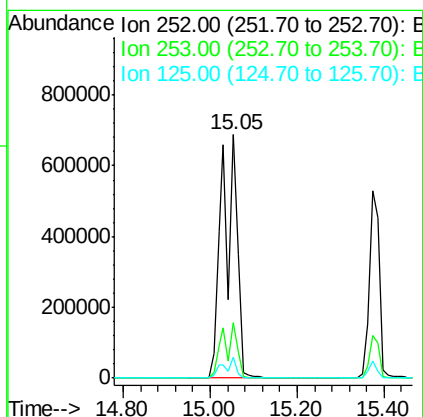
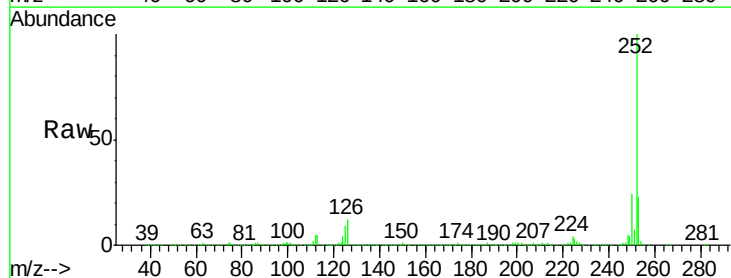
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

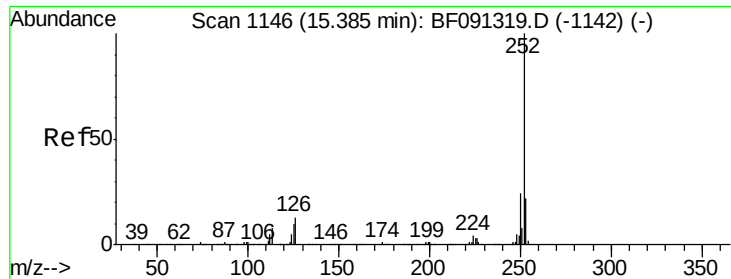
Tgt Ion:252 Resp: 1682164
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.6 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 117.32 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:252 Resp: 1683511
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.6 9.6 14.4#

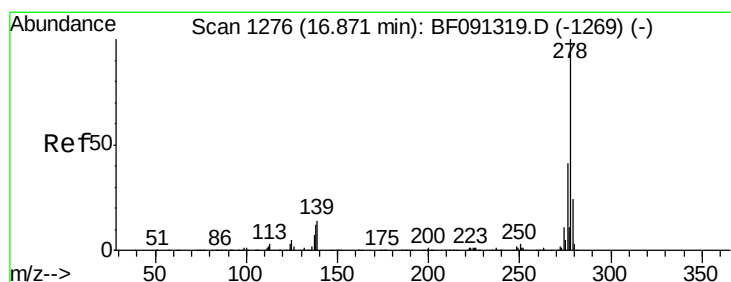
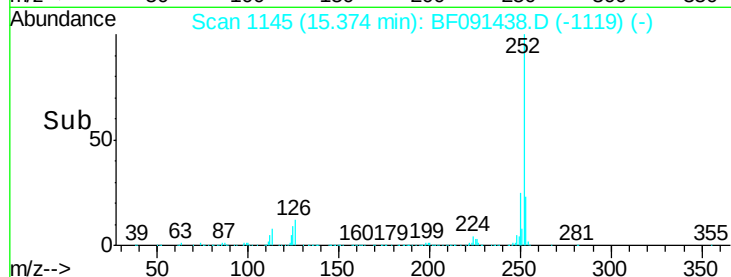
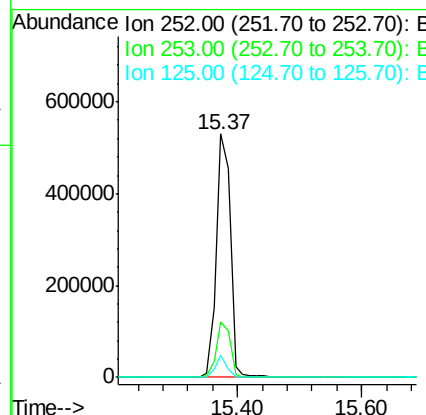
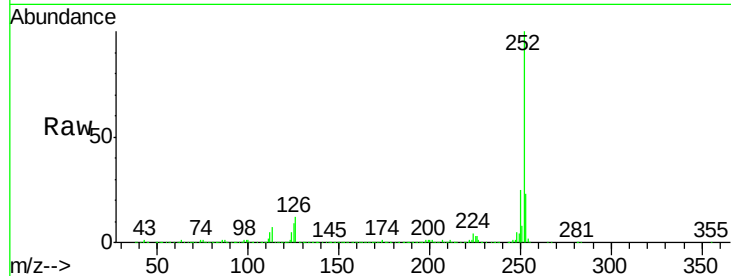




#89
Benzo(a)pyrene
Concen: 53.41 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

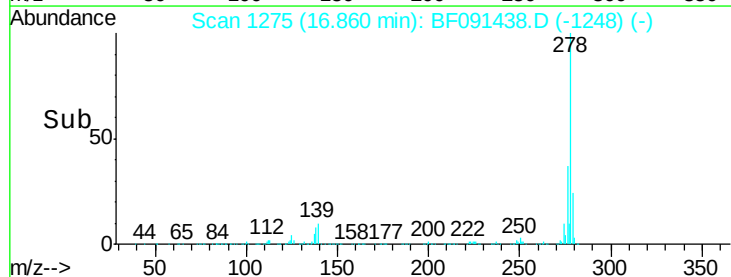
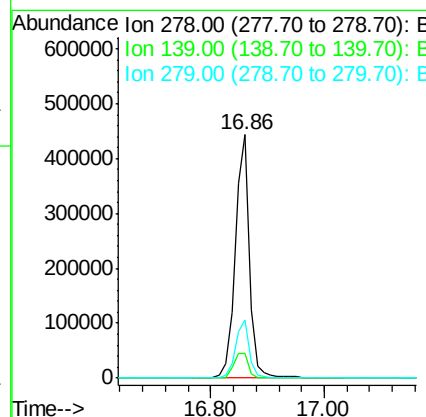
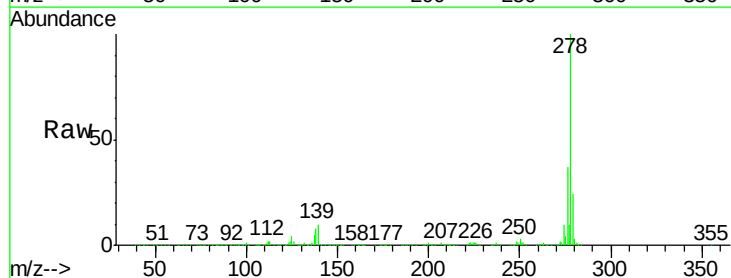
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

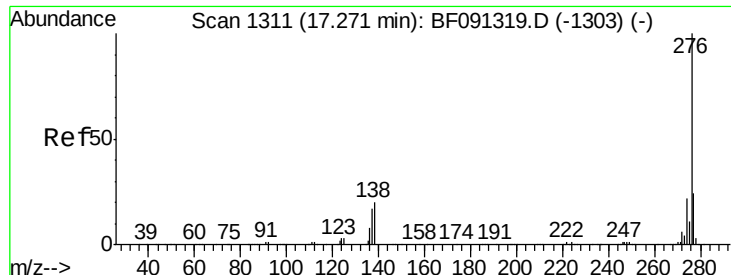
Tgt Ion:252 Resp: 818473
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.0 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 54.86 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion:278 Resp: 777628
Ion Ratio Lower Upper
278 100
139 10.1 15.1 22.7#
279 23.9 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 50.71 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF091438.D

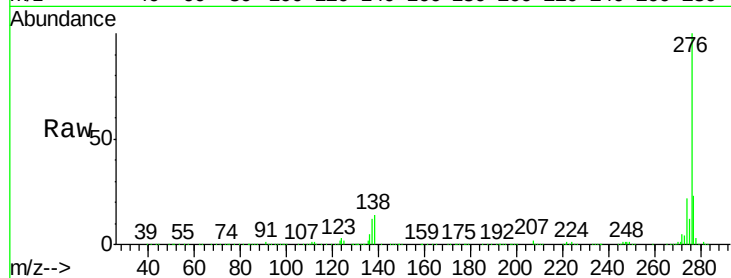
Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD



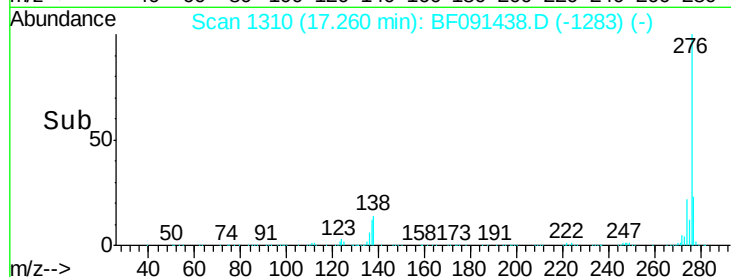
Tgt Ion: 276 Resp: 741146

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 14.4 15.4 23.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

