

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092021.D
 Acq On : 29 Dec 2016 13:26
 Operator : UM/SJ
 Sample : H6278-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Quant Time: Dec 29 14:42:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	206113	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	821118	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	417810	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	681648	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	487952	20.00	ng	-0.02
86) Perylene-d12	15.23	264	458140	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	827068	67.00	ng	-0.02
7) Phenol-d6	6.36	99	677366	44.95	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1354915	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	550218	159.13	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2252803	115.03	ng	-0.02
78) Terphenyl-d14	12.80	244	2180892	108.40	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	116475	19.17	ng	96
3) Pyridine	2.91	79	187876	8.86	ng	94
4) n-Nitrosodimethylamine	2.83	42	129129	16.14	ng	99
6) Aniline	6.36	93	359594	18.37	ng	# 61
8) 2-Chlorophenol	6.49	128	503995	35.89	ng	90
9) Benzaldehyde	6.24	77	86601	7.66	ng	97
10) Phenol	6.37	94	253186	14.74	ng	# 70
11) bis(2-Chloroethyl)ether	6.43	93	565878	41.41	ng	96
12) 1,3-Dichlorobenzene	6.64	146	634148	42.31	ng	99
13) 1,4-Dichlorobenzene	6.70	146	617210	40.45	ng	98
14) 1,2-Dichlorobenzene	6.86	146	577589	43.63	ng	100
15) Benzyl Alcohol	6.85	79	290870	24.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	891694	43.82	ng	# 40
17) 2-Methylphenol	6.98	107	344740	30.53	ng	# 87
18) Hexachloroethane	7.21	117	229144	40.51	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	480844	47.96	ng	100
20) 3+4-Methylphenols	7.14	107	411001	30.51	ng	# 72
22) Acetophenone	7.12	105	944327	46.63	ng	# 88
24) Nitrobenzene	7.29	77	761129	48.39	ng	93
25) Isophorone	7.53	82	1281303	47.03	ng	96
26) 2-Nitrophenol	7.60	139	326617	42.11	ng	91
27) 2,4-Dimethylphenol	7.65	122	433808	33.72	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	851444	51.54	ng	99
29) 2,4-Dichlorophenol	7.86	162	473726	43.49	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	543085	45.50	ng	98
31) Naphthalene	8.01	128	1725304	45.91	ng	99
32) Benzoic acid	7.76	122	60076	6.30	ng	86
33) 4-Chloroaniline	8.06	127	357300	21.09	ng	# 93
34) Hexachlorobutadiene	8.12	225	272994	43.33	ng	99
35) Caprolactam	8.44	113	20048	5.60	ng	# 77
36) 4-Chloro-3-methylphenol	8.56	107	499545	39.85	ng	100
37) 2-Methylnaphthalene	8.69	142	1099759	50.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	525449	49.78	ng	98
40) Hexachlorocyclopentadiene	8.85	237	449876	94.91	ng	97

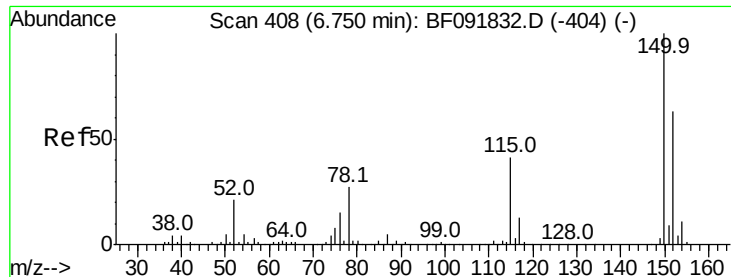
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092021.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	332103	44.99	nq	96
43) 2,4,5-Trichlorophenol	9.04	196	374834	49.34	nq #	90
45) 1,1'-Biphenyl	9.16	154	1437293	50.24	nq	98
46) 2-Chloronaphthalene	9.18	162	1107247	48.87	nq	97
47) 2-Nitroaniline	9.29	65	362929	44.99	nq	96
48) Acenaphthylene	9.60	152	1556099	44.66	nq	99
49) Dimethylphthalate	9.47	163	1262920	47.26	nq	98
50) 2,6-Dinitrotoluene	9.54	165	289904	49.57	nq #	72
51) Acenaphthene	9.77	154	1000127	42.34	nq	99
52) 3-Nitroaniline	9.70	138	198961	27.49	nq	96
53) 2,4-Dinitrophenol	9.81	184	210253	64.61	nq #	89
54) Dibenzofuran	9.94	168	1345008	42.16	nq	98
55) 4-Nitrophenol	9.88	139	135111	27.49	nq #	79
56) 2,4-Dinitrotoluene	9.94	165	383909	52.30	nq	94
57) Fluorene	10.28	166	1071644	46.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	295716	49.21	nq	98
59) Diethylphthalate	10.17	149	1257169	48.44	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	525617	51.72	nq #	79
61) 4-Nitroaniline	10.32	138	283266	37.76	nq	98
62) Azobenzene	10.44	77	1464880	51.27	nq	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	171137	41.52	nq	91
65) n-Nitrosodiphenylamine	10.40	169	1014599	50.16	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	334630	47.19	nq	97
67) Hexachlorobenzene	10.83	284	373312	49.26	nq	98
68) Atrazine	10.93	200	309076	47.37	nq	96
69) Pentachlorophenol	11.02	266	332160	89.32	nq	99
70) Phenanthrene	11.24	178	1837260	49.71	nq	99
71) Anthracene	11.29	178	1620003	52.35	nq	99
72) Carbazole	11.45	167	1451672	50.38	nq	99
73) Di-n-butylphthalate	11.79	149	2144127	62.85	nq	98
74) Fluoranthene	12.42	202	1624403	50.57	nq	99
76) Benzidine	12.54	184	337767	23.99	nq	97
77) Pyrene	12.65	202	1642047	45.87	nq	100
79) Butylbenzylphthalate	13.28	149	823303	50.56	nq	98
80) Benzo(a)anthracene	13.84	228	1424469	51.72	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	418555	40.07	nq	97
82) Chrysene	13.87	228	1340465	48.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	1095159	57.11	nq	99
84) Di-n-octyl phthalate	14.45	149	2075275	58.42	nq	100
85) Indeno(1,2,3-cd)pyrene	16.53	276	1226639	51.25	nq	99
87) Benzo(b)fluoranthene	14.88	252	2701227	94.70	nq #	97
88) Benzo(k)fluoranthene	14.88	252	2701227	111.06	nq	98
89) Benzo(a)pyrene	15.17	252	1203109	47.52	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	1016406	48.85	nq #	96
91) Benzo(g,h,i)perylene	16.93	276	1043733	48.24	nq	98

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

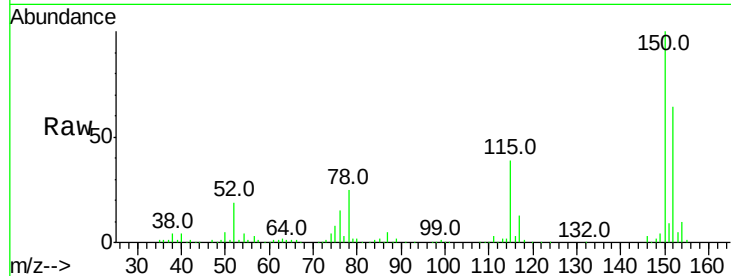


#1

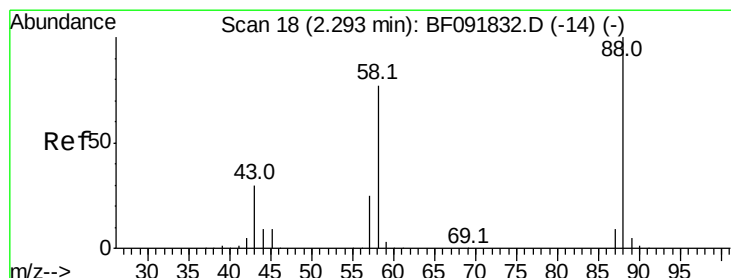
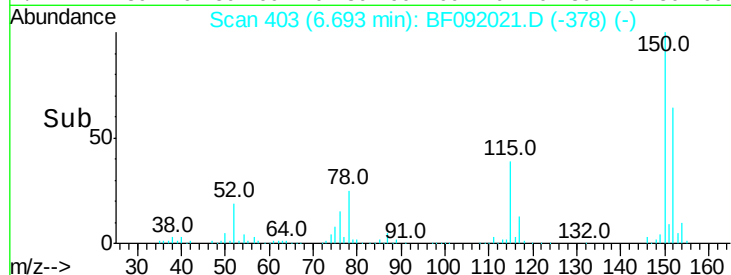
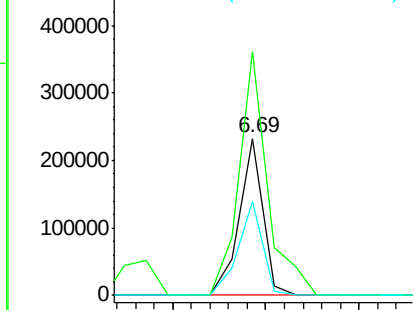
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:152 Resp: 206113
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 60.0 46.0 69.0



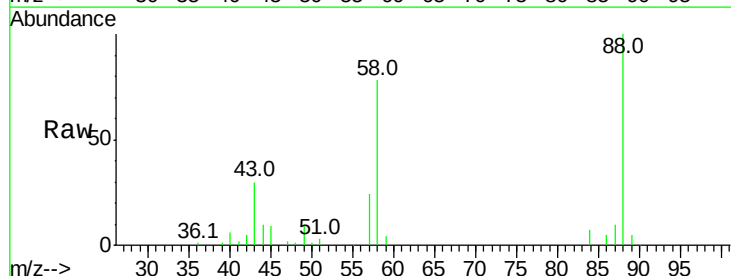
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



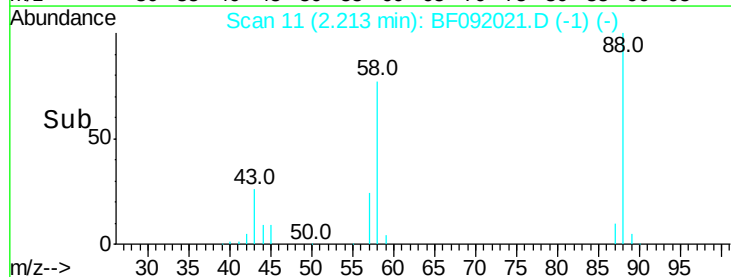
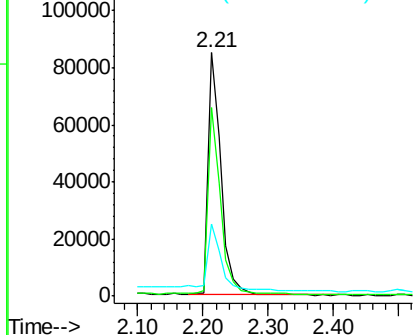
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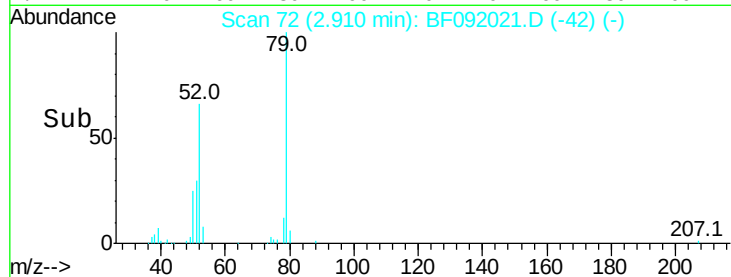
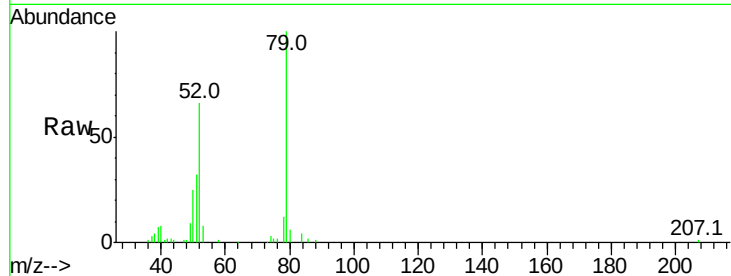
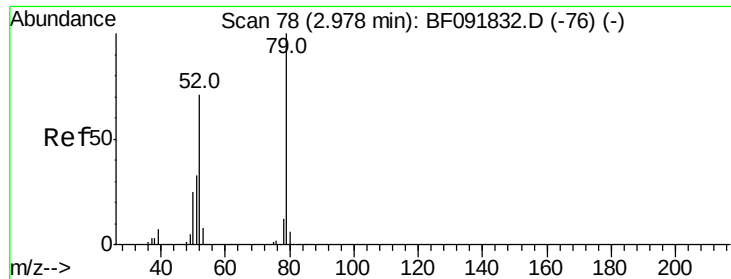
1,4-Dioxane
Concen: 19.17 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 88 Resp: 116475
Ion Ratio Lower Upper
88 100
58 74.8 57.8 86.8
43 30.6 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

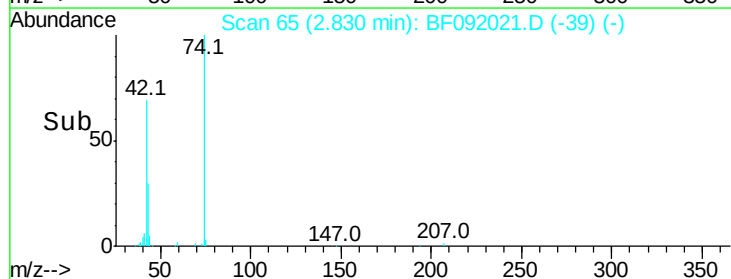
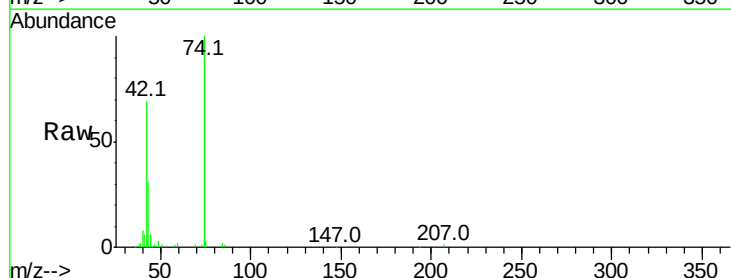
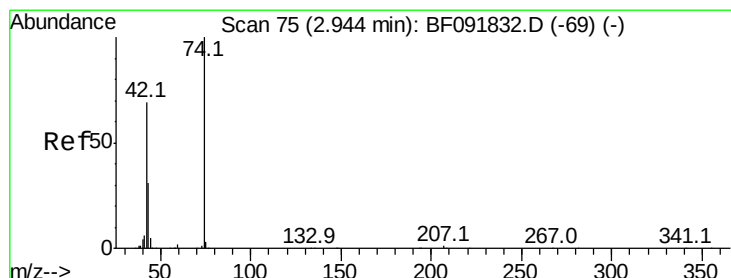
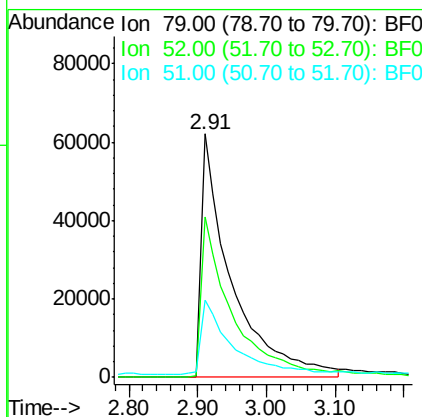




#3
 Pvridine
 Concen: 8.86 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.05 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

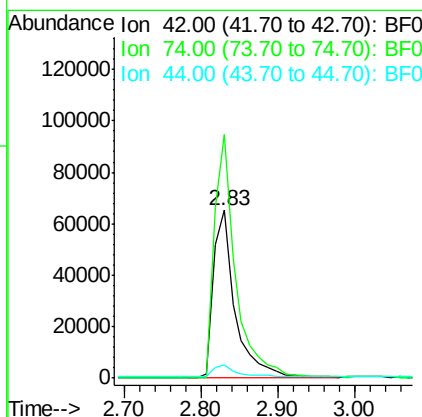
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

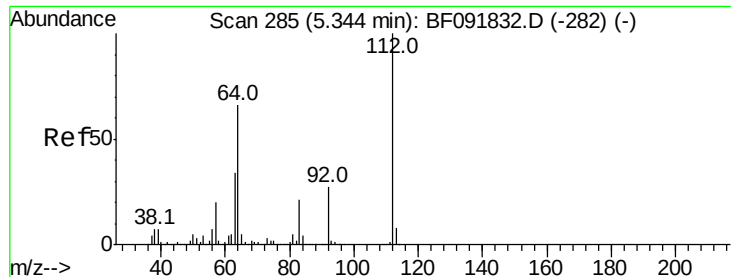
Tot Ion: 79 Resp: 187876
 Ion Ratio Lower Upper
 79 100
 52 65.7 57.1 85.7
 51 31.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 16.14 ng
 RT: 2.83 min Scan# 65
 Delta R.T. -0.00 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion: 42 Resp: 129129
 Ion Ratio Lower Upper
 42 100
 74 145.2 117.0 175.4
 44 8.1 5.5 8.3





#5

2-Fluorophenol

Concen: 67.00 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

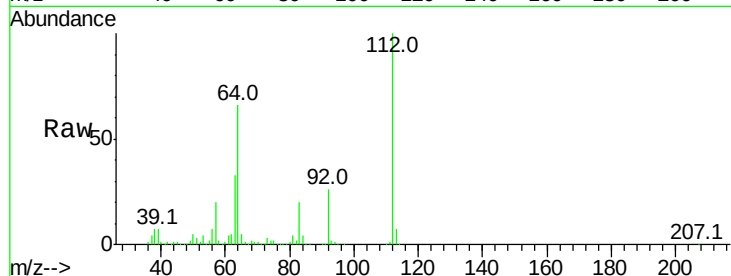
Tot Ion:112 Resp: 827068

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

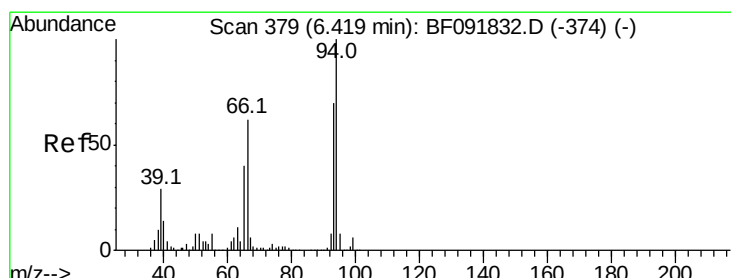
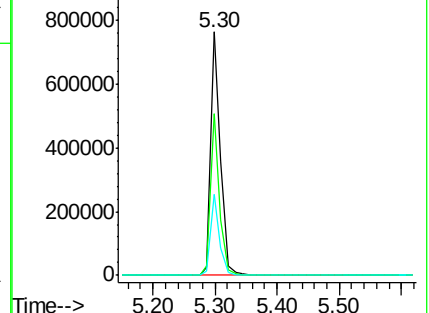
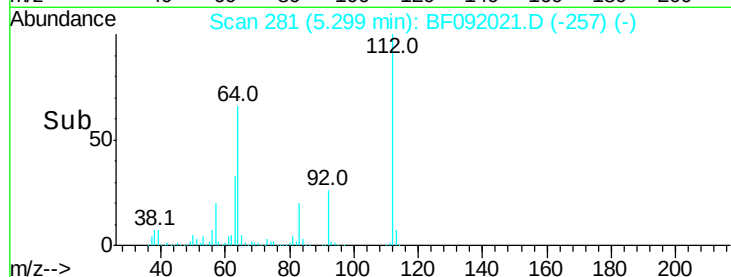
63 33.4 23.8 35.6



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: 18.37 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

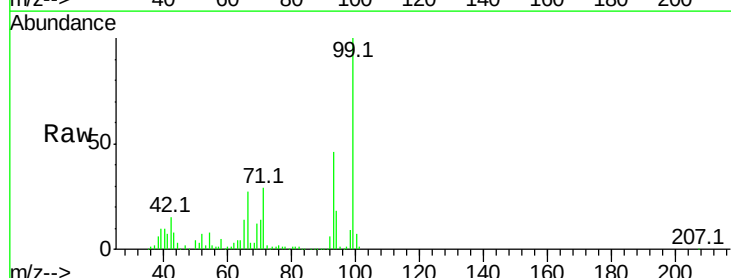
Tgt Ion: 93 Resp: 359594

Ion Ratio Lower Upper

93 100

66 58.3 76.2 114.2#

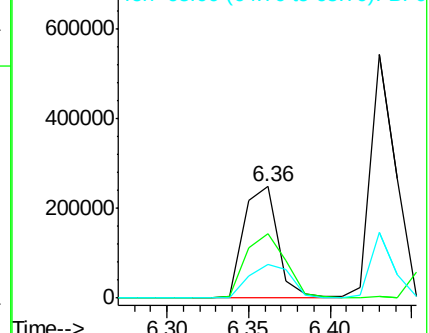
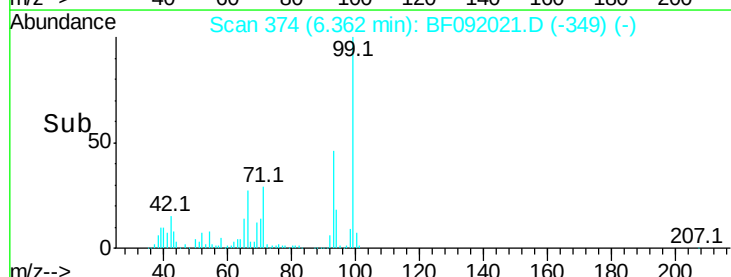
65 30.5 49.3 73.9#

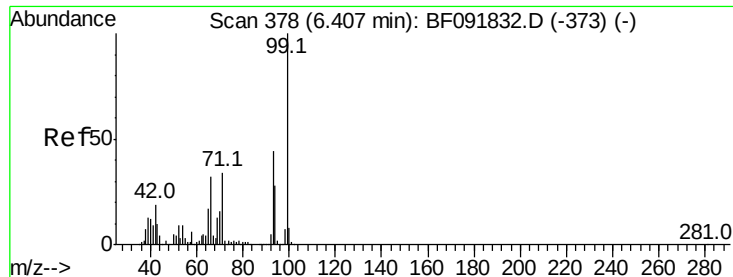


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 44.95 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

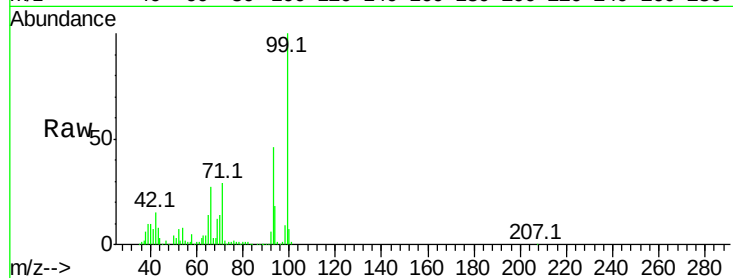
Tot Ion: 99 Resp: 677366

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

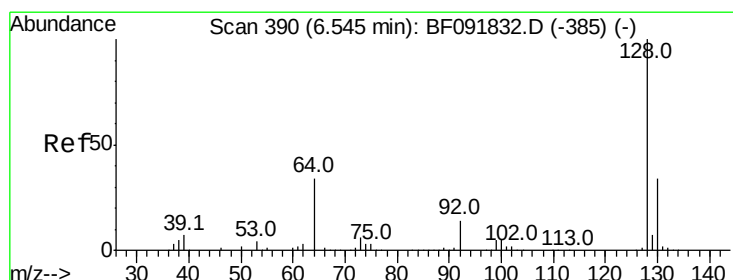
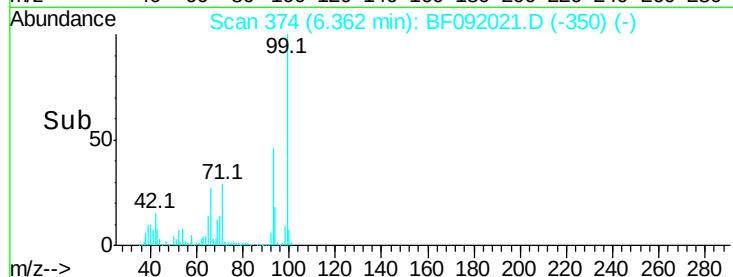
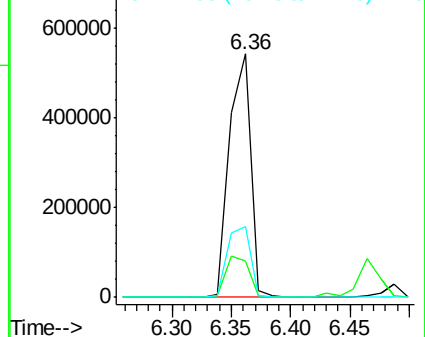
71 29.1 27.5 41.3



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: 35.89 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

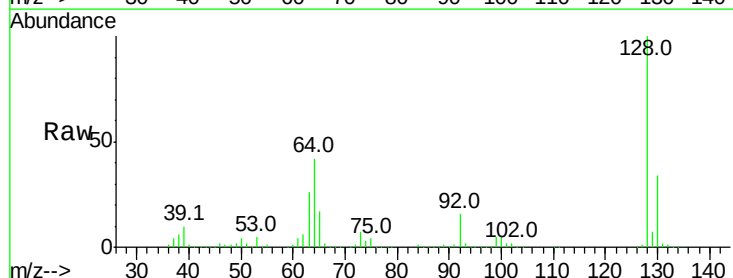
Tgt Ion:128 Resp: 503995

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

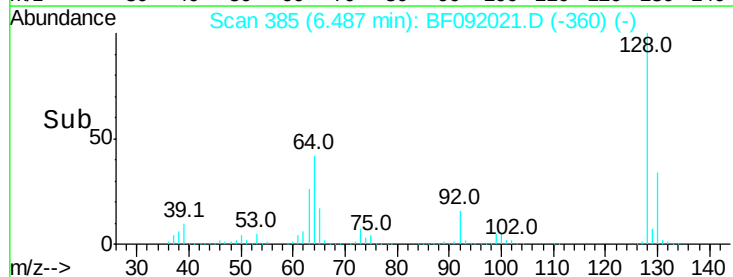
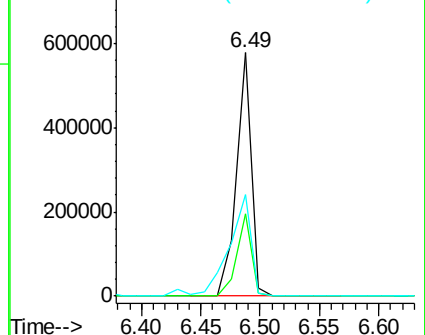
64 41.9 32.2 72.2

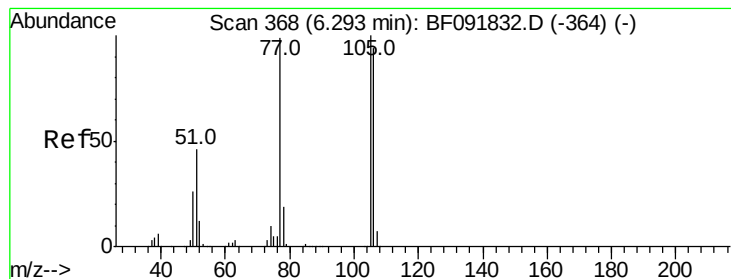


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.66 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

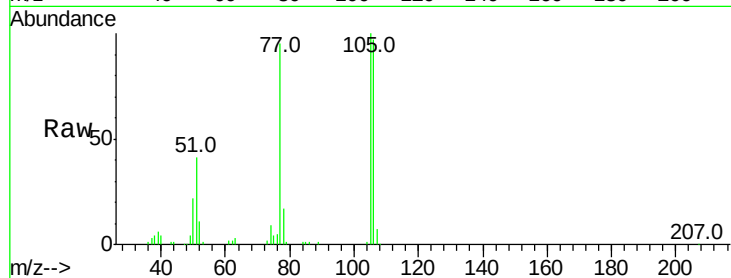
Tot Ion: 77 Resp: 86601

Ion Ratio Lower Upper

77 100

105 105.3 83.9 123.9

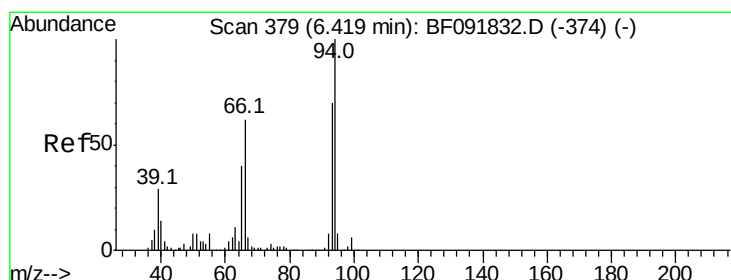
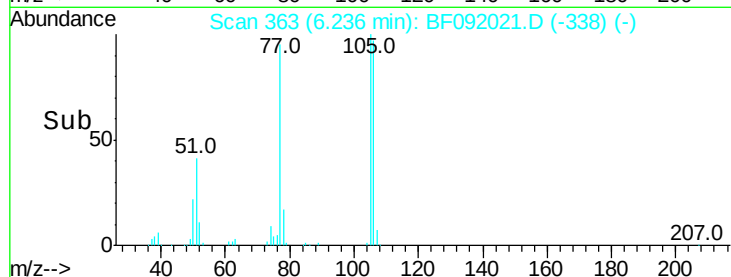
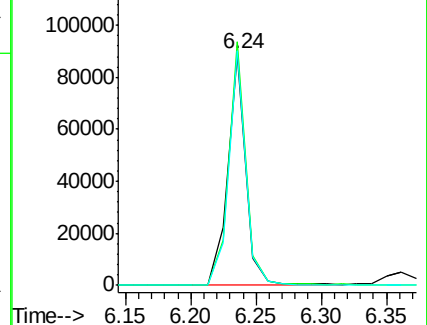
106 101.6 77.6 117.6



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: 14.74 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

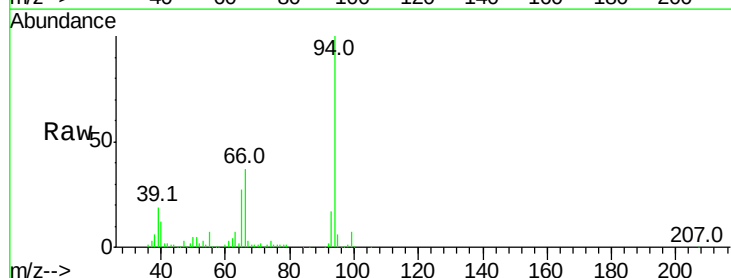
Tgt Ion: 94 Resp: 253186

Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

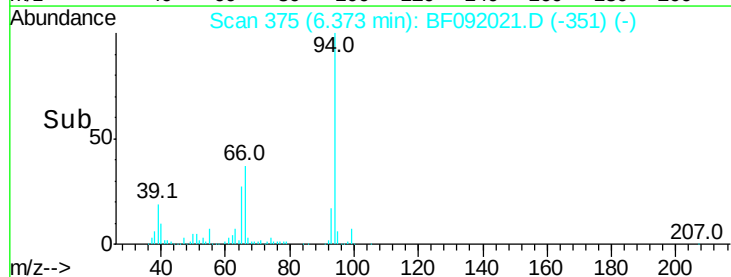
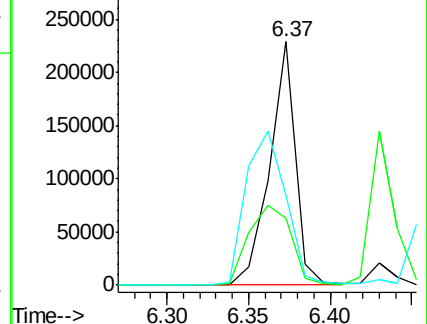
66 36.9 44.0 84.0#

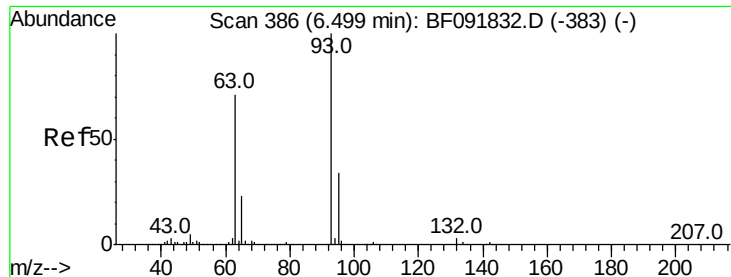


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.41 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

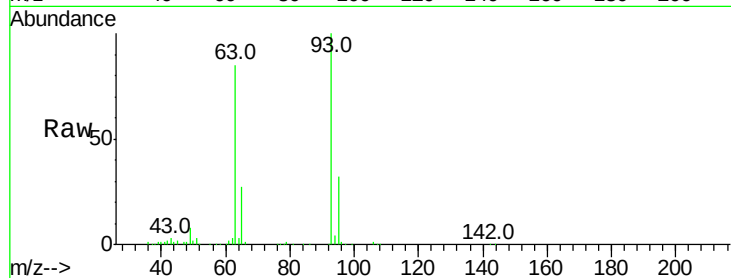
Tot Ion: 93 Resp: 565878

Ion Ratio Lower Upper

93 100

63 84.6 60.4 100.4

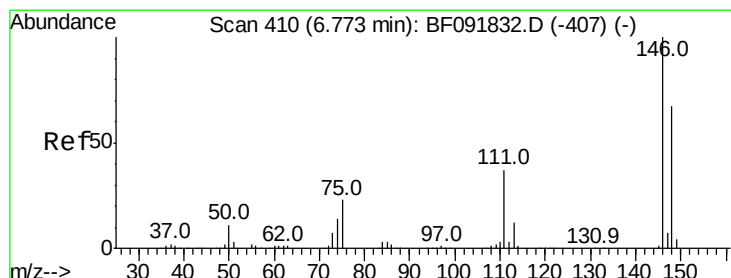
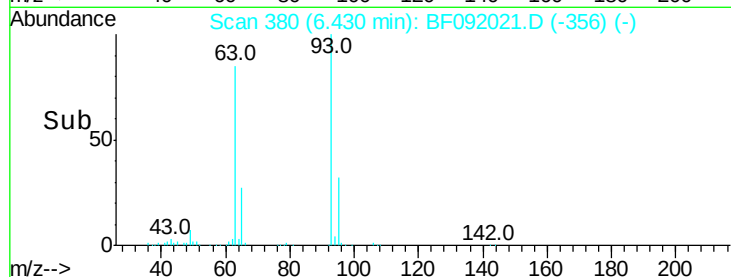
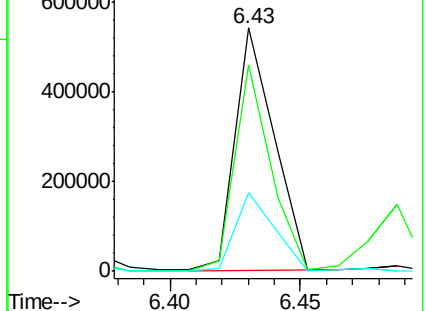
95 32.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.31 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

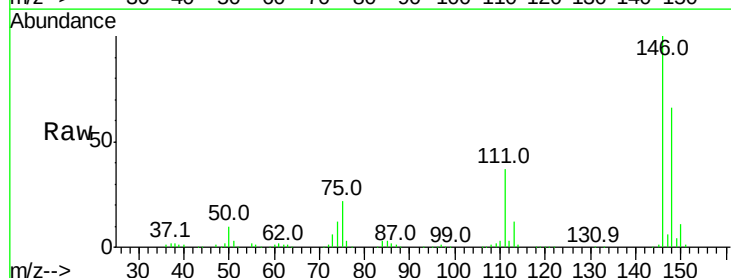
Tgt Ion: 146 Resp: 634148

Ion Ratio Lower Upper

146 100

148 66.1 53.4 80.0

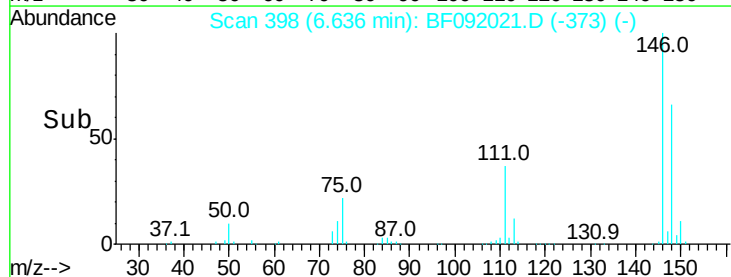
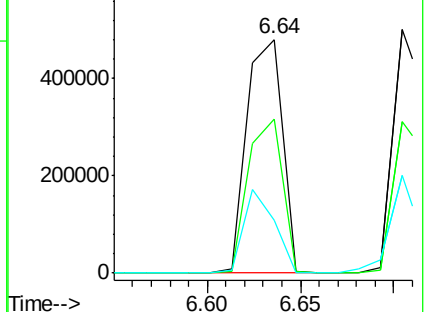
75 22.5 18.5 27.7

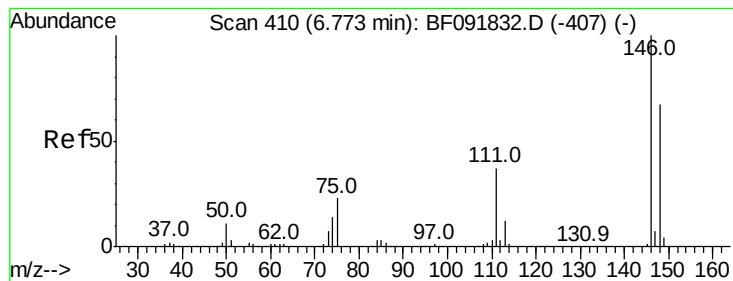


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.45 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

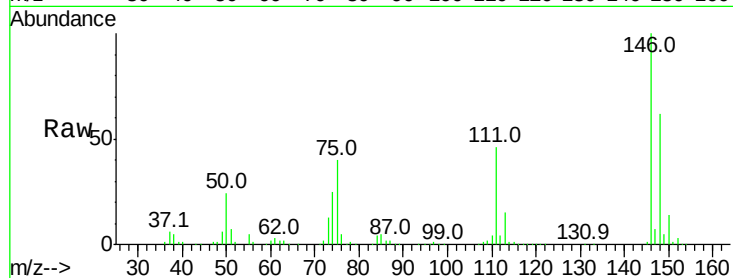
Tot Ion:146 Resp: 617210

Ion Ratio Lower Upper

146 100

148 62.1 50.6 76.0

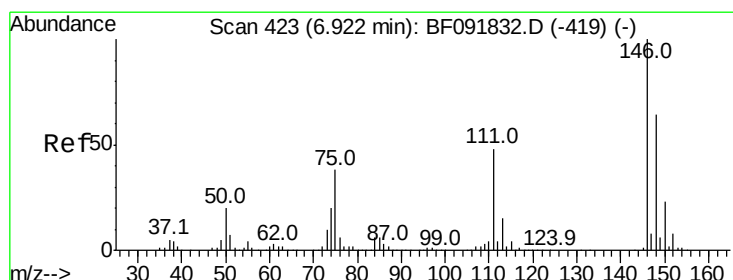
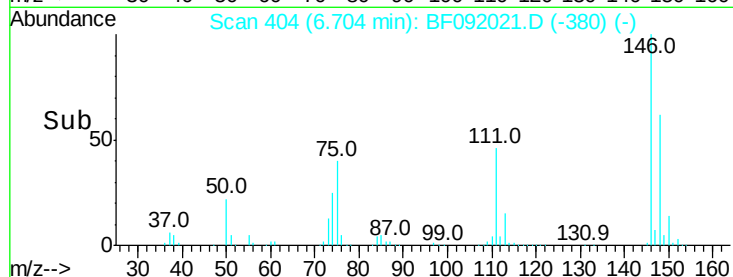
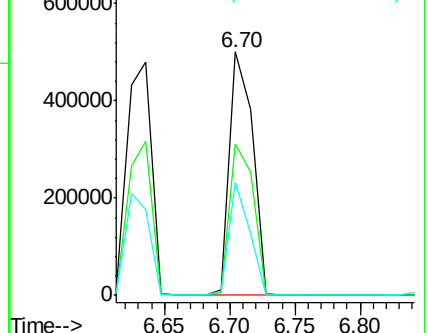
111 46.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.63 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

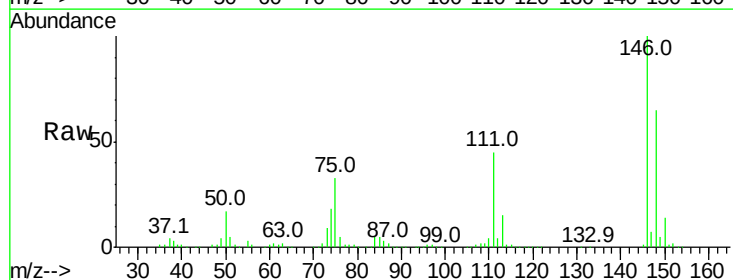
Tgt Ion:146 Resp: 577589

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

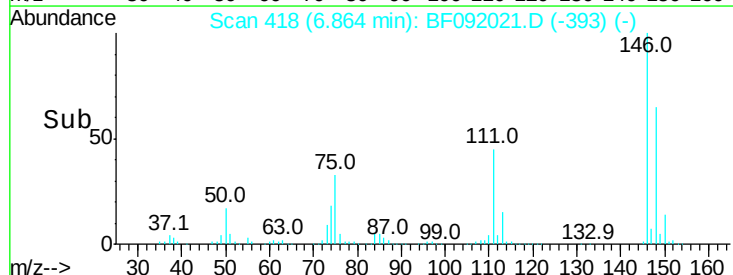
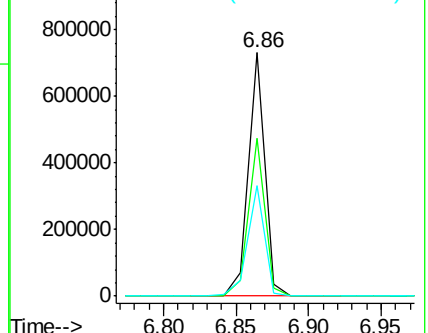
111 45.4 36.2 54.2

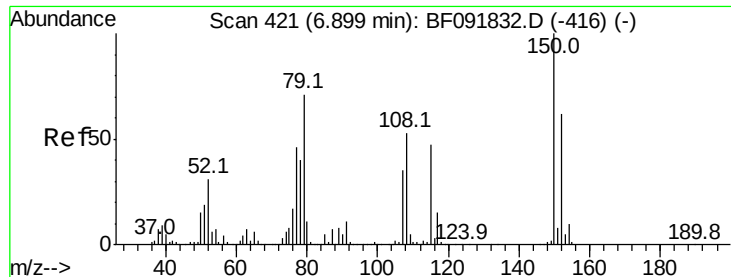


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

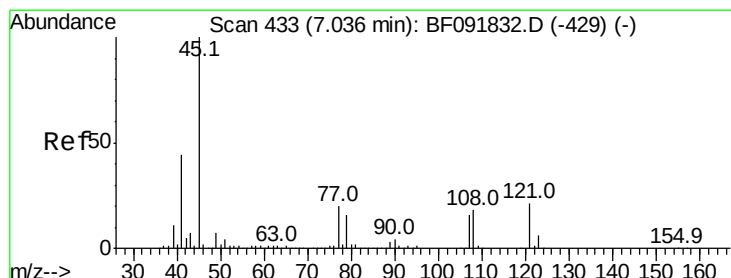
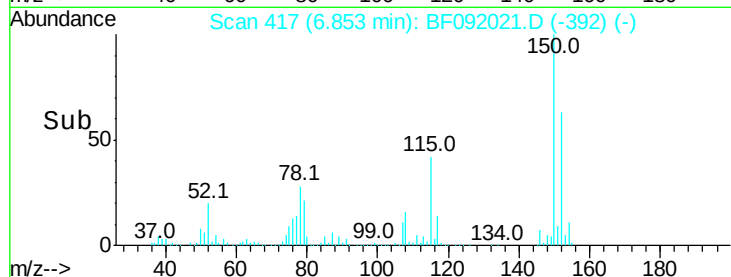
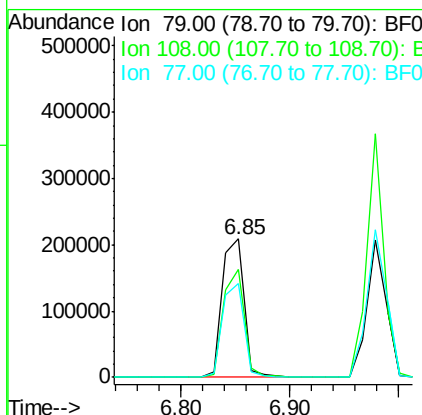
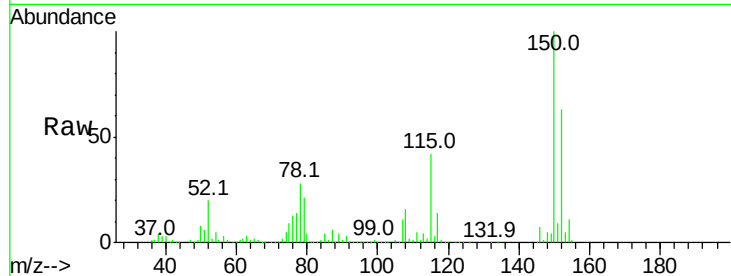




#15
Benzyl Alcohol
Concen: 24.84 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

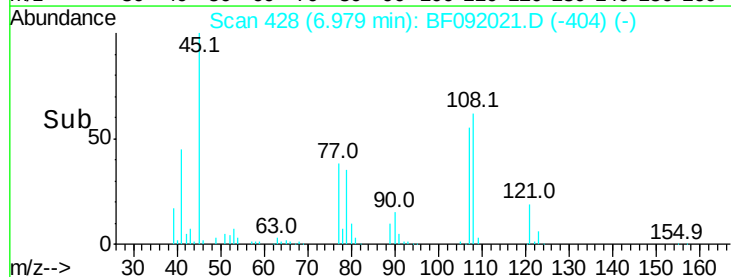
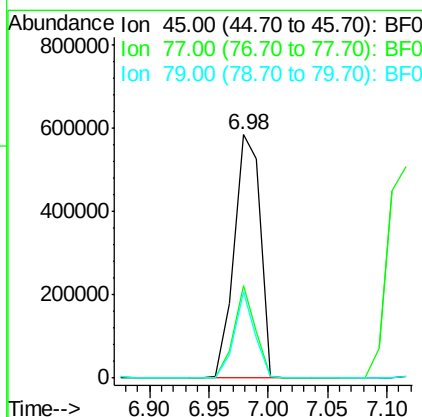
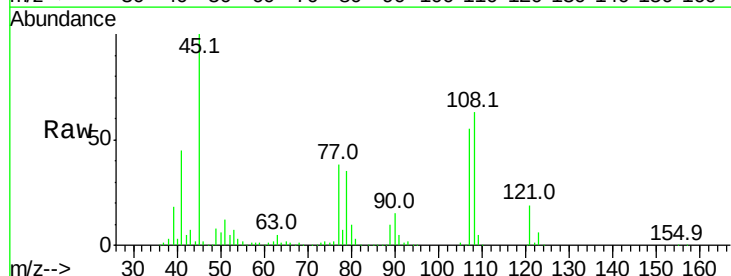
Instrument :
BNA_F
ClientSampleID :
MW-01MSD

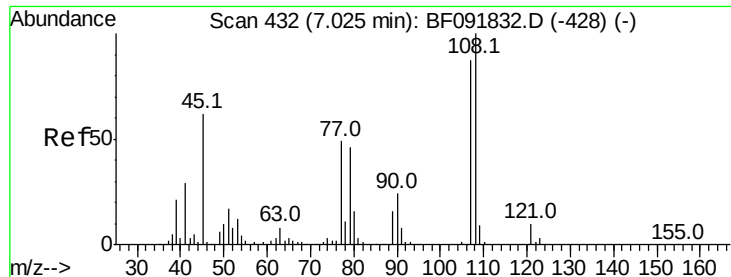
Tot Ion: 79 Resp: 290870
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 67.8 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.82 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 45 Resp: 891694
Ion Ratio Lower Upper
45 100
77 38.1 0.0 34.6#
79 35.5 0.0 31.2#

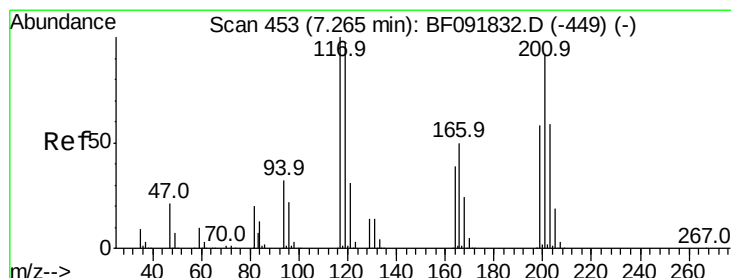
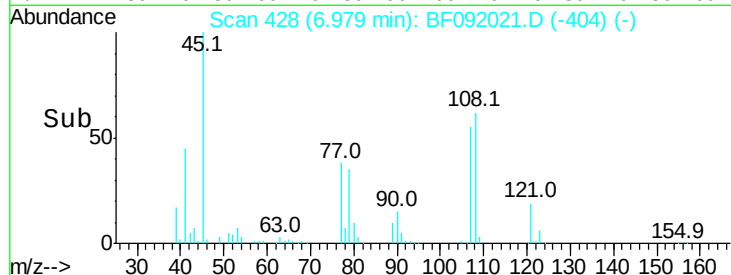
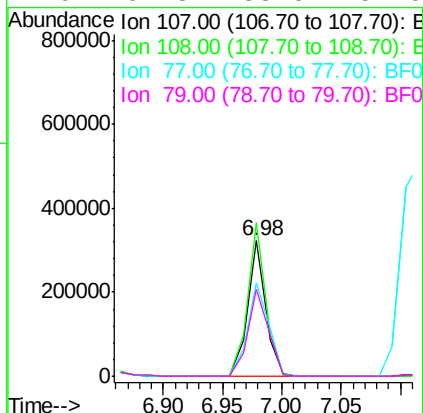
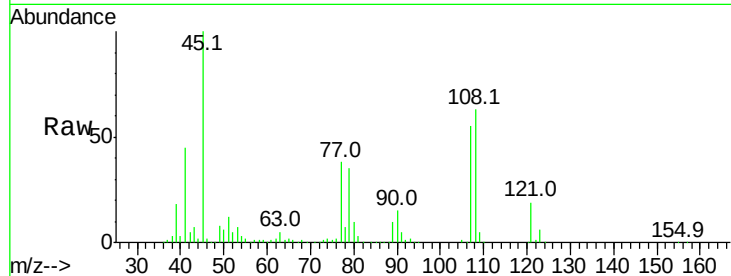




#17
2-Methylphenol
Concen: 30.53 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

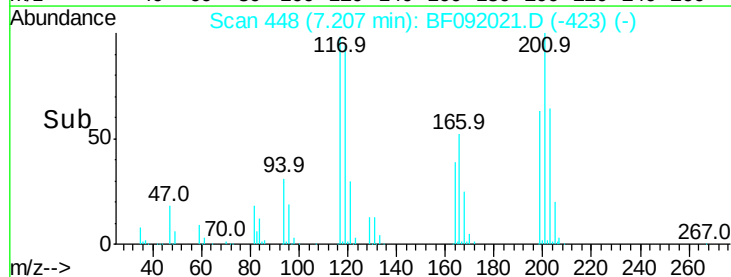
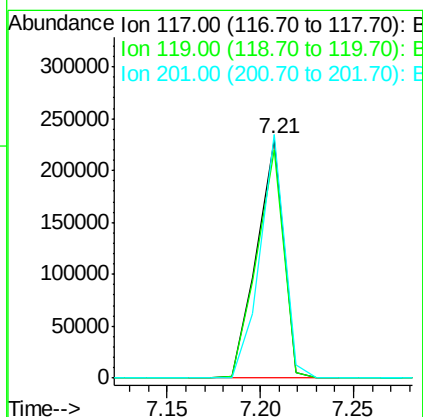
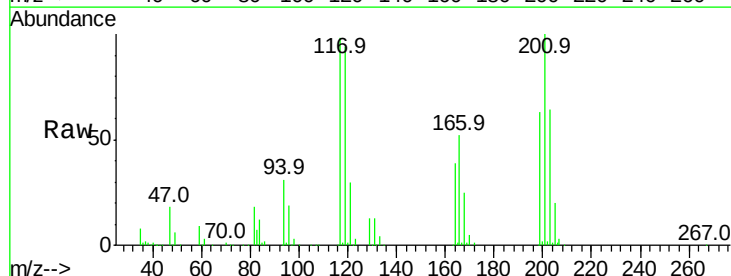
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

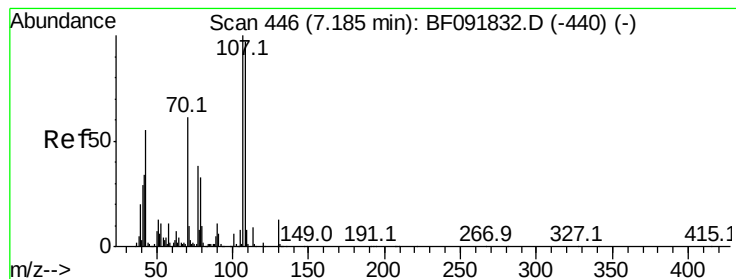
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.0	139.6
77	69.2	39.8	59.8#
79	64.3	38.0	57.0#



#18
Hexachloroethane
Concen: 40.51 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	102.0	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.96 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion: 70 Resp: 480844

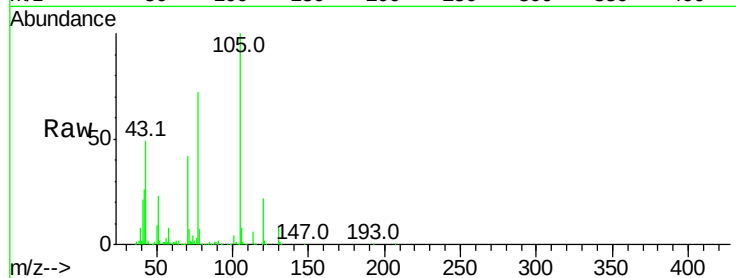
Ion Ratio Lower Upper

70 100

42 61.9 49.4 74.0

101 8.7 7.4 11.2

130 17.8 14.2 21.4

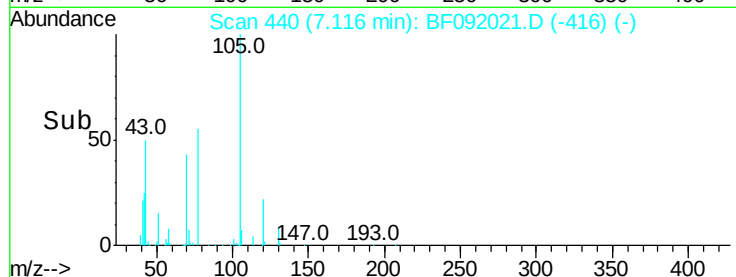
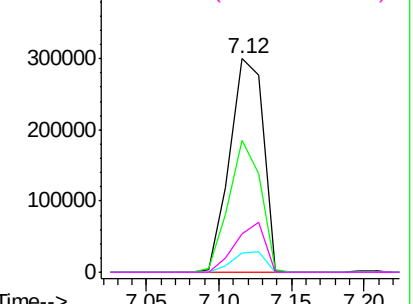


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 30.51 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion: 107 Resp: 411001

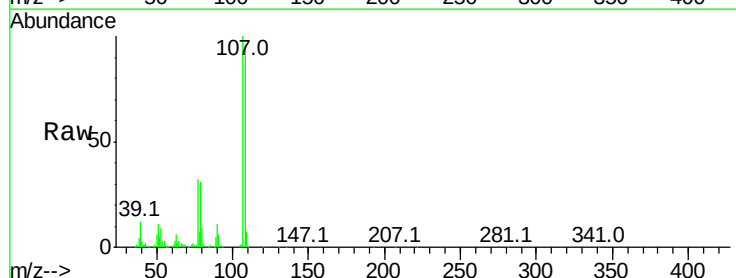
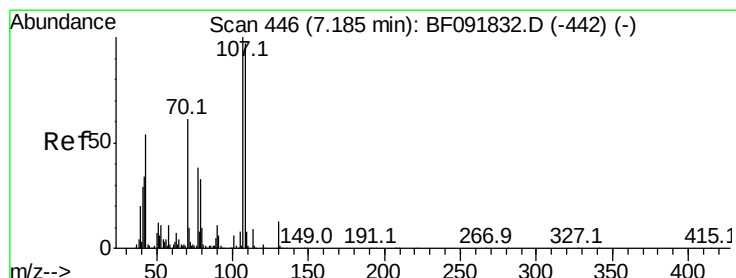
Ion Ratio Lower Upper

107 100

108 95.7 73.0 113.0

77 31.9 71.3 111.3#

79 30.9 11.1 51.1

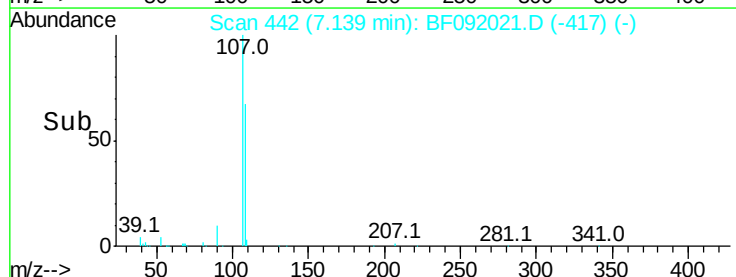
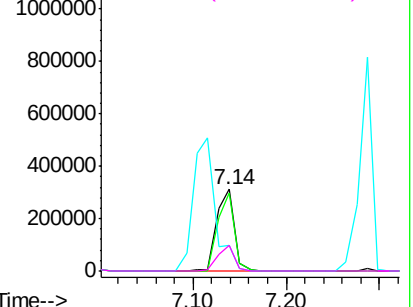


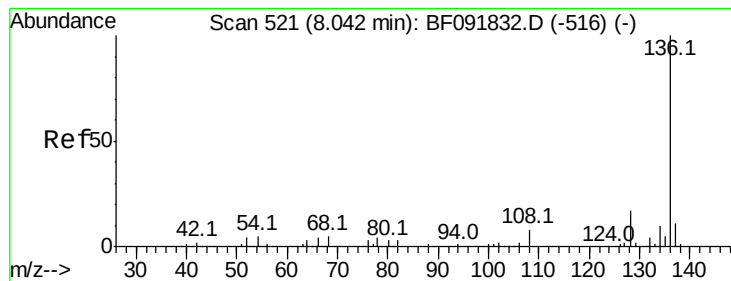
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:136 Resp: 821118

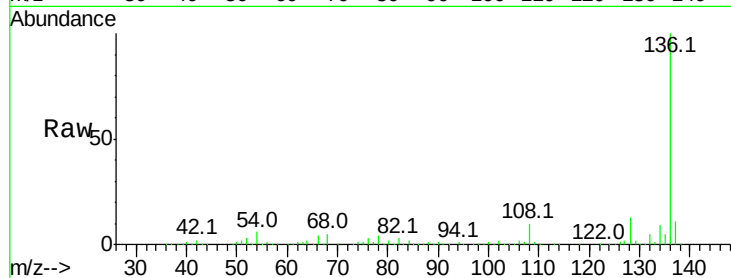
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.2 4.5 6.7

68 4.9 3.6 5.4

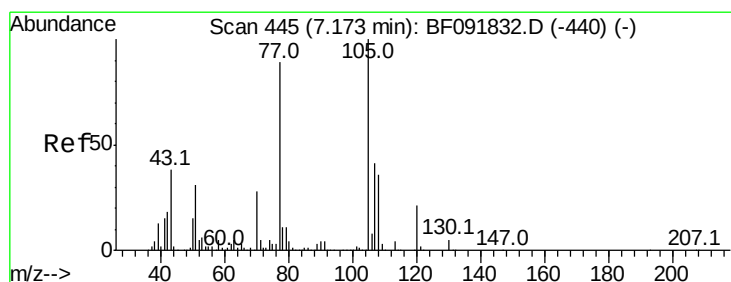
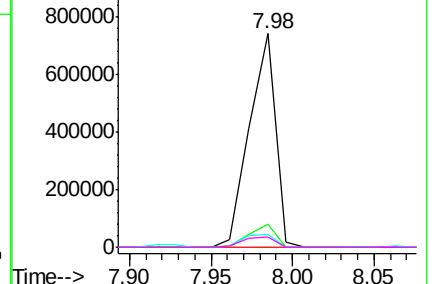
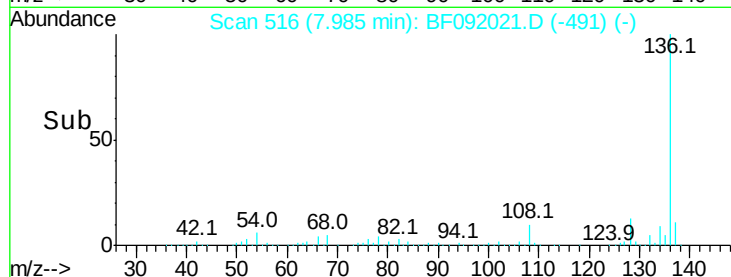


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.63 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion:105 Resp: 944327

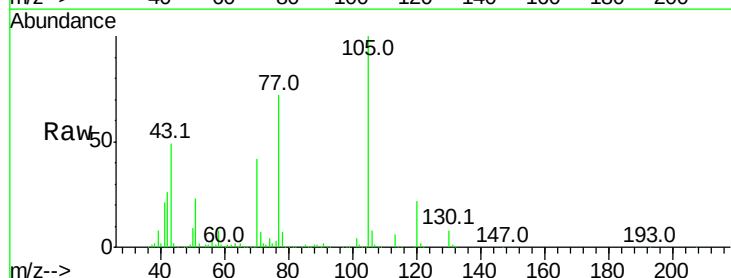
Ion Ratio Lower Upper

105 100

71 7.0 3.2 4.8#

51 22.6 26.2 39.4#

120 22.0 16.6 24.8

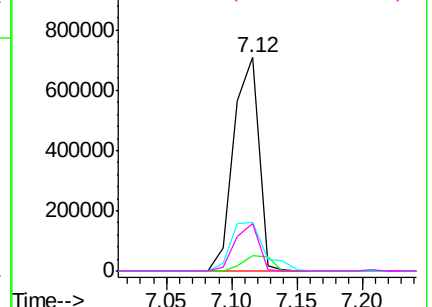
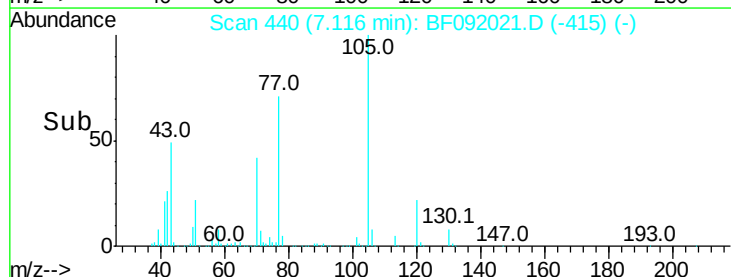


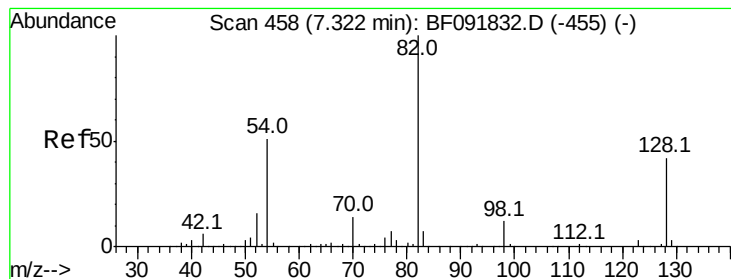
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.75 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

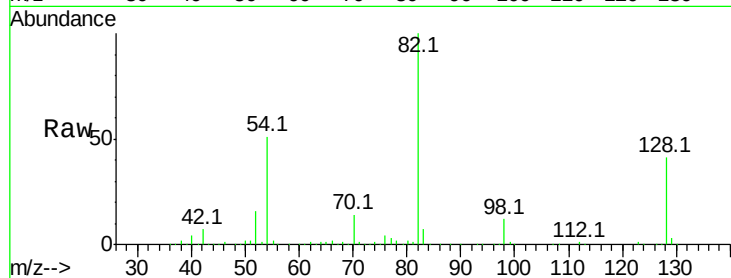
Tot Ion: 82 Resp: 1354915

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

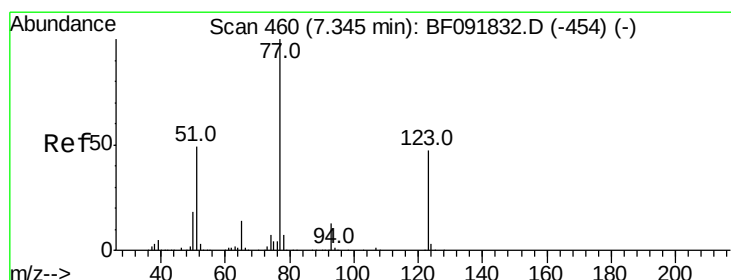
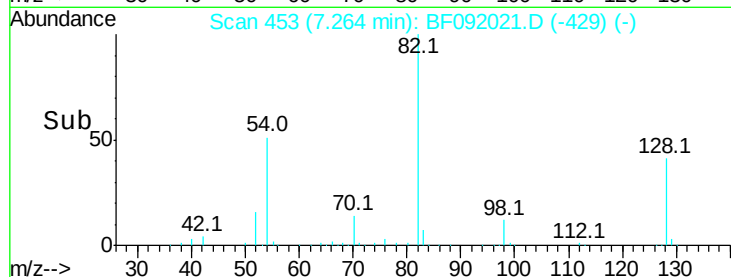
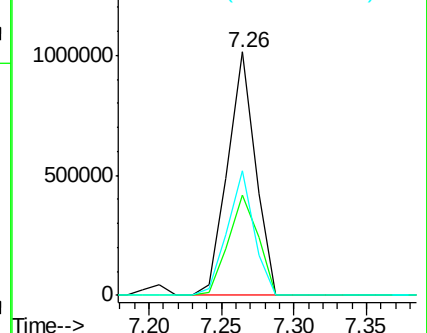
54 51.1 39.5 59.3



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: 48.39 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

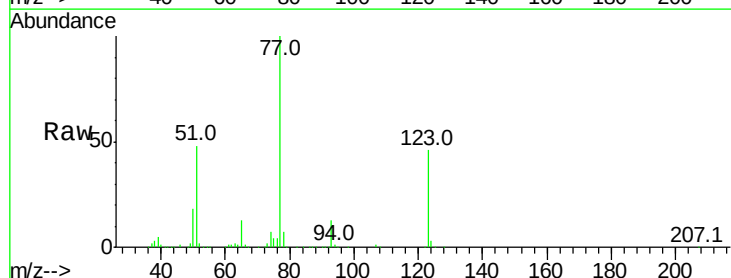
Tgt Ion: 77 Resp: 761129

Ion Ratio Lower Upper

77 100

123 46.5 33.0 49.4

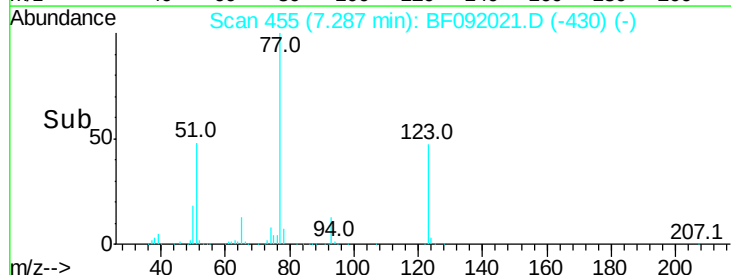
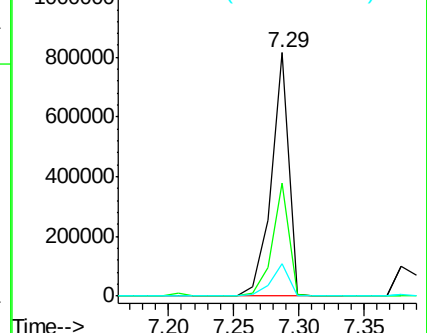
65 13.5 11.2 16.8

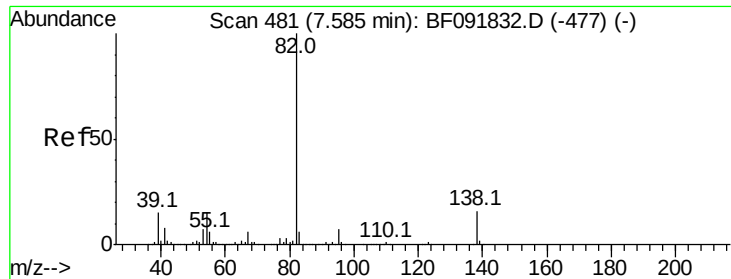


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.03 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

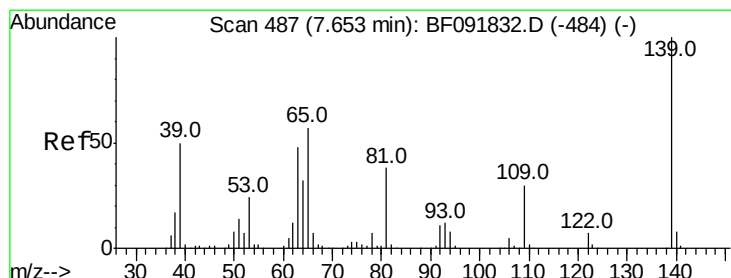
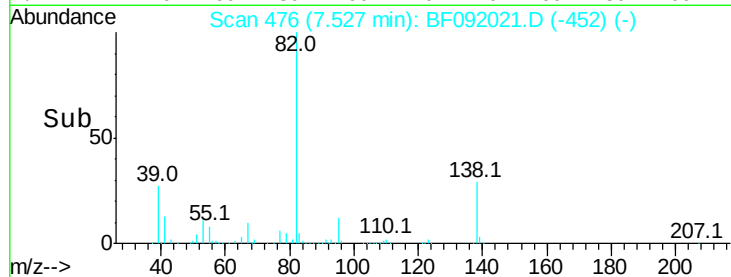
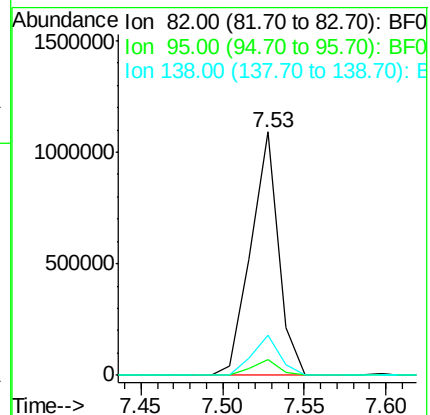
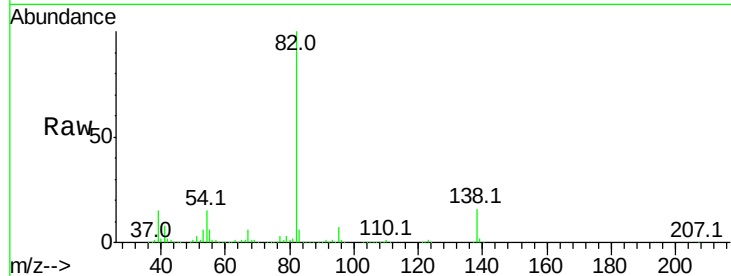
Tot Ion: 82 Resp: 1281303

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 16.2 14.6 22.0



#26

2-Nitrophenol

Concen: 42.11 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

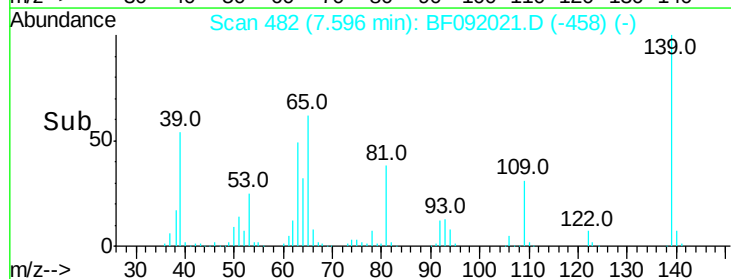
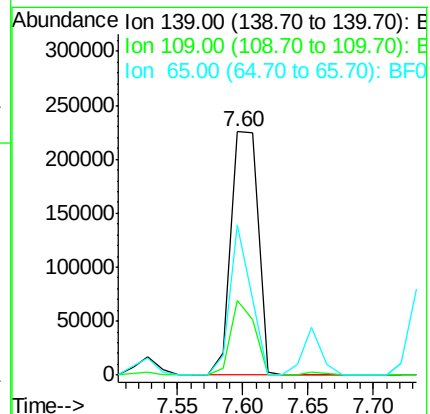
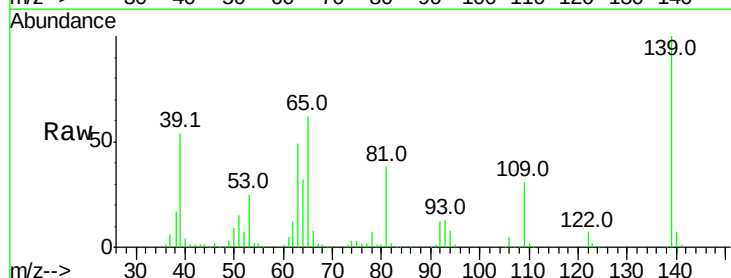
Tgt Ion: 139 Resp: 326617

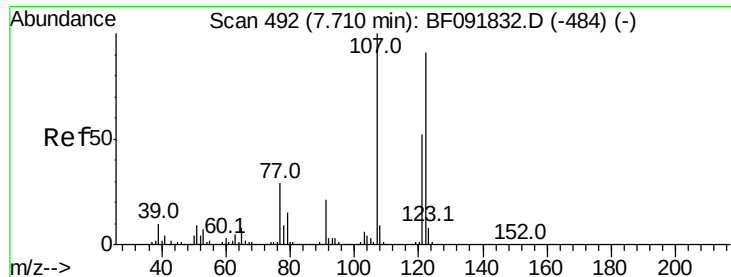
Ion Ratio Lower Upper

139 100

109 30.7 23.3 34.9

65 61.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 33.72 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

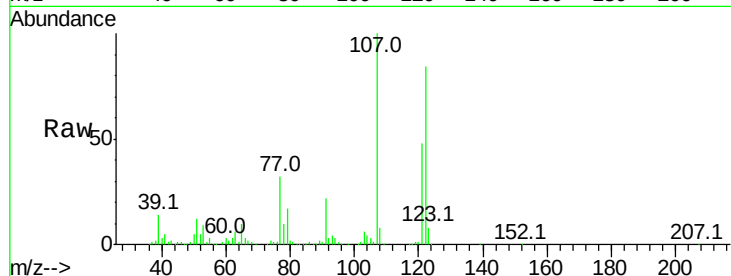
Tot Ion:122 Resp: 433808

Ion Ratio Lower Upper

122 100

107 119.4 94.1 141.1

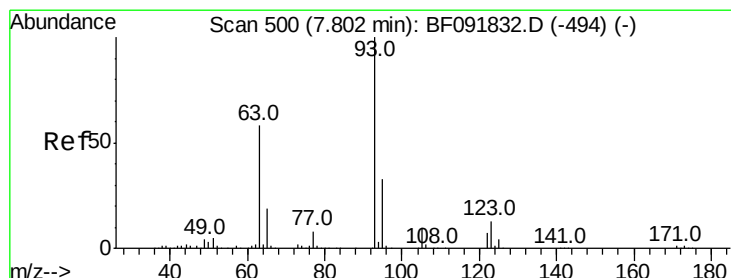
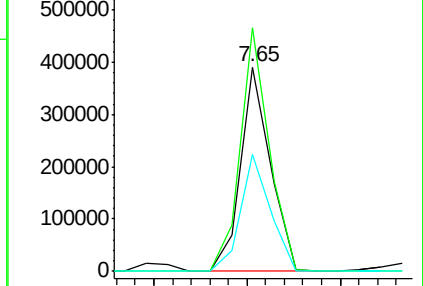
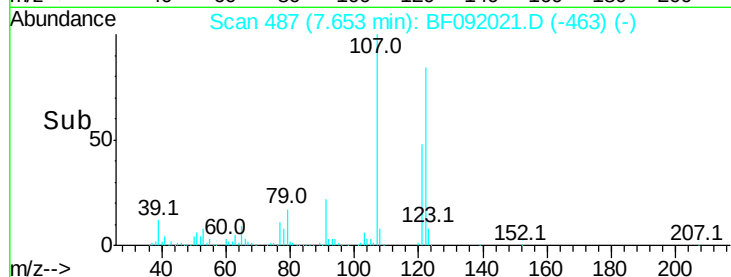
121 57.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.54 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

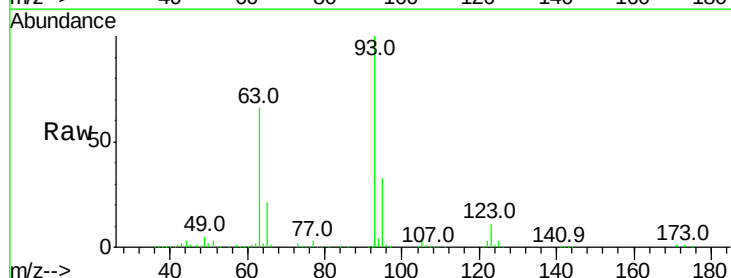
Tgt Ion: 93 Resp: 851444

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

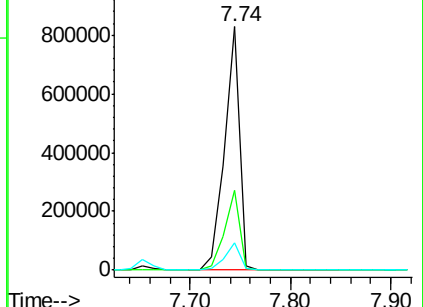
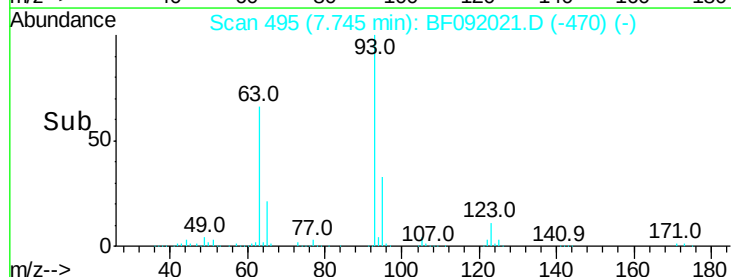
123 11.2 8.6 13.0

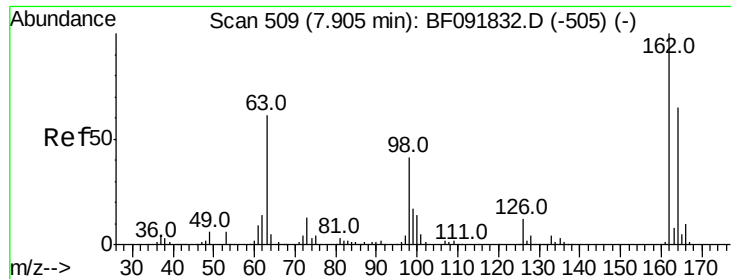


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

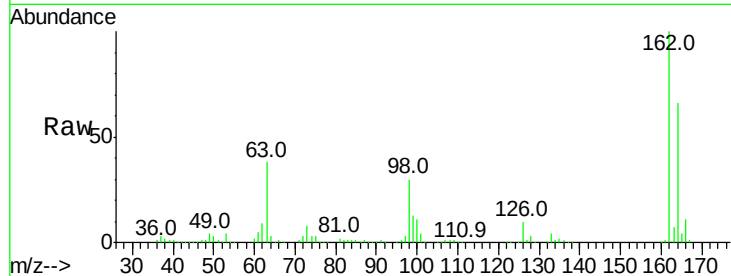




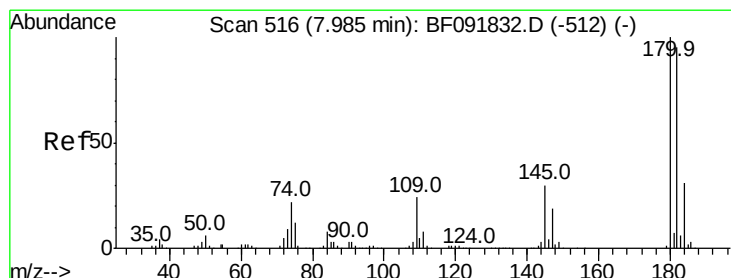
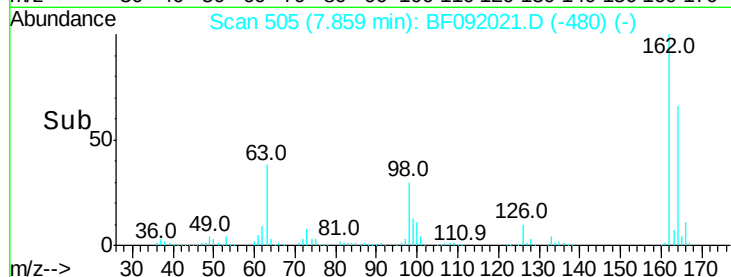
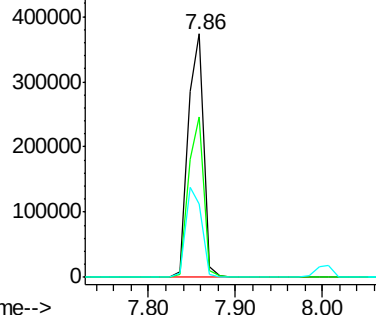
#29
 2,4-Dichlorophenol
 Concen: 43.49 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.8	86.8
98	30.4	9.1	49.1

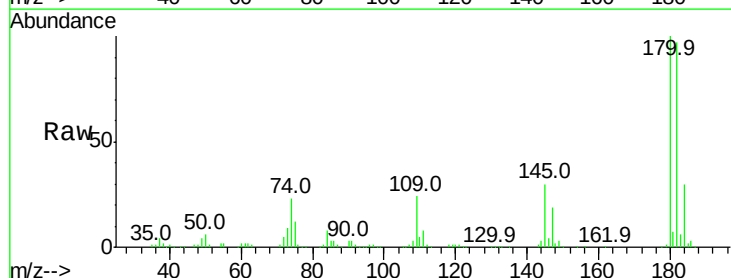


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

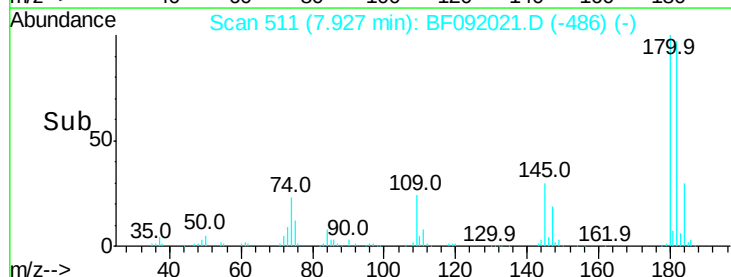
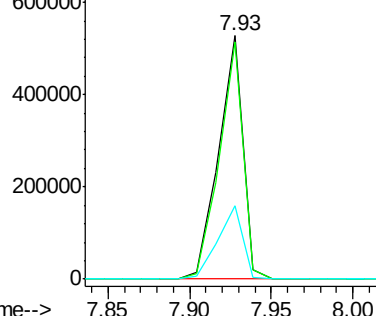


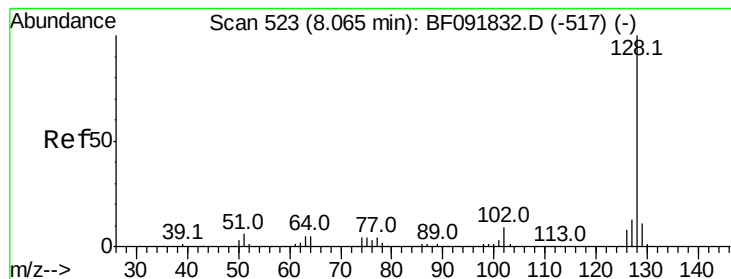
#30
 1,2,4-Trichlorobenzene
 Concen: 45.50 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.2	117.4
145	30.0	21.6	32.4



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: 45.91 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

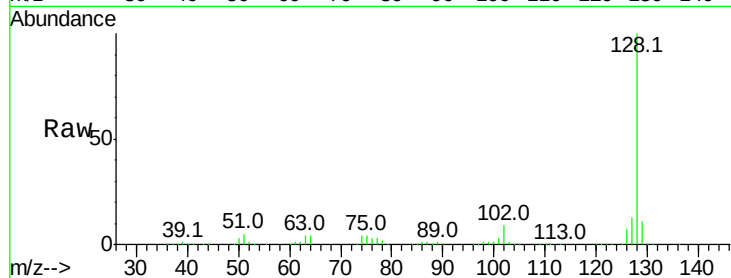
Tot Ion:128 Resp: 1725304

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

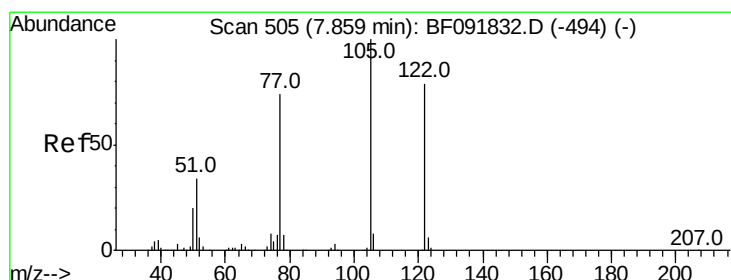
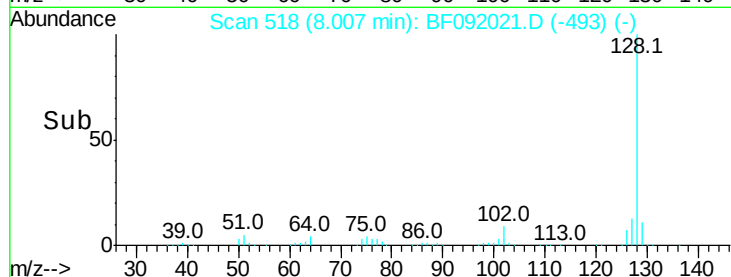
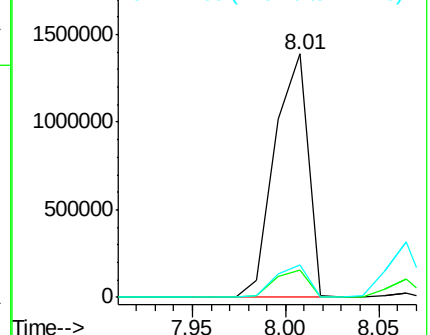
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.30 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.08 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

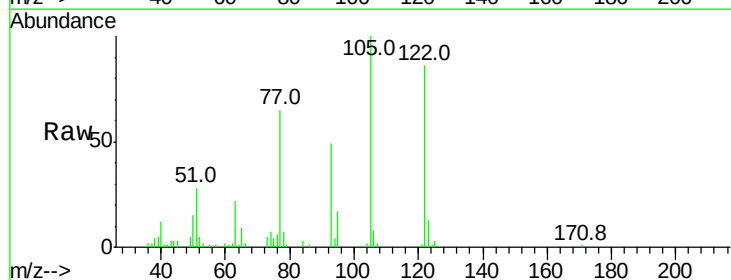
Tgt Ion:122 Resp: 60076

Ion Ratio Lower Upper

122 100

105 115.8 107.2 147.2

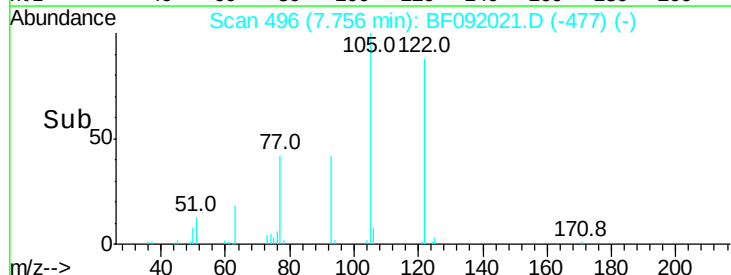
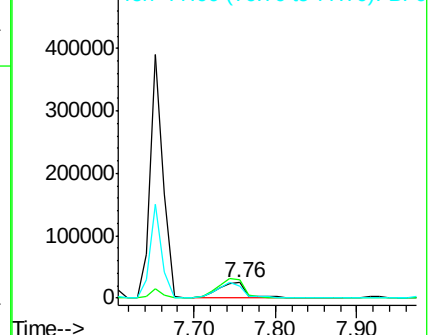
77 74.9 74.5 114.5

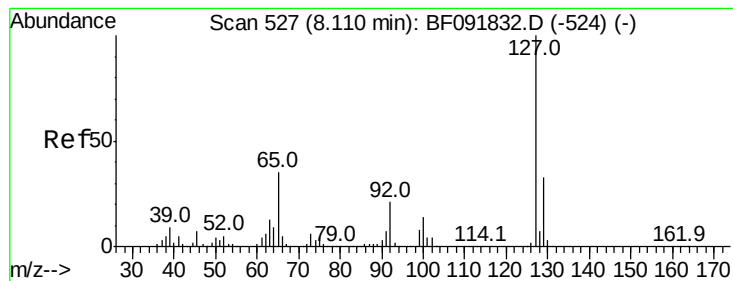


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 21.09 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

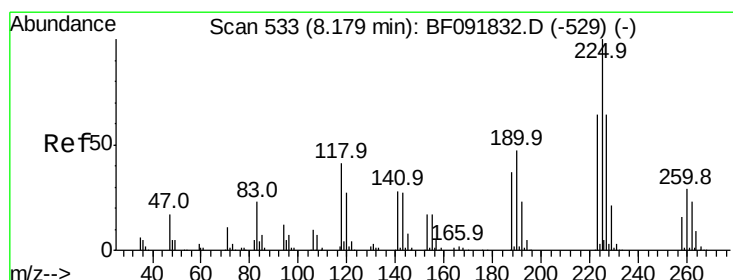
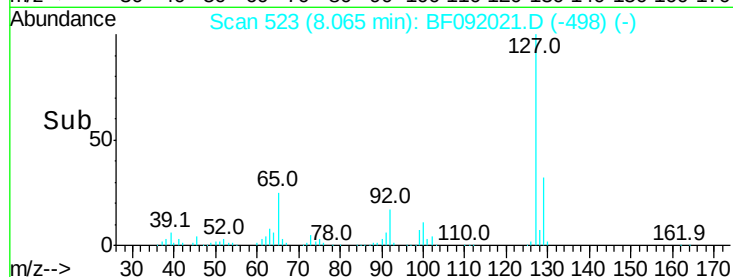
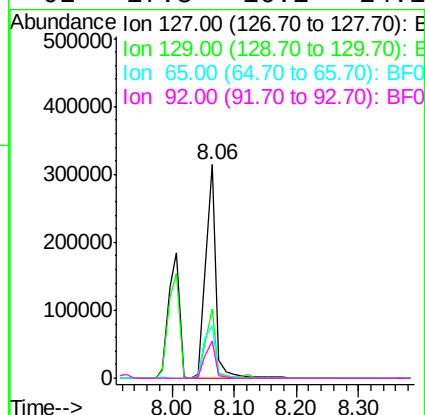
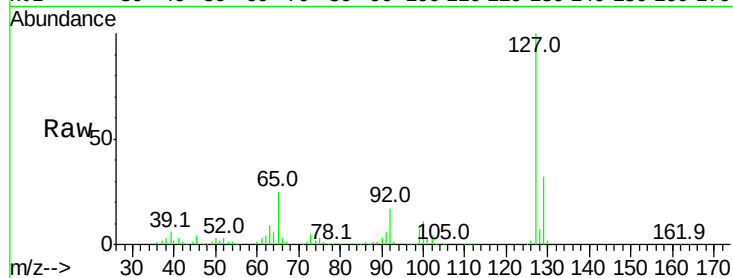
Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:	127	Resp:	357300
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	24.8	25.8	38.8
92	17.3	16.1	24.1



#34

Hexachlorobutadiene

Concen: 43.33 ng

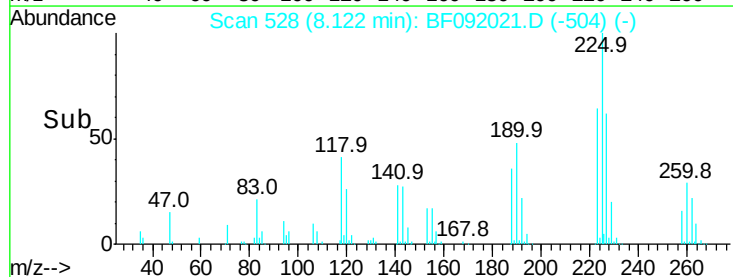
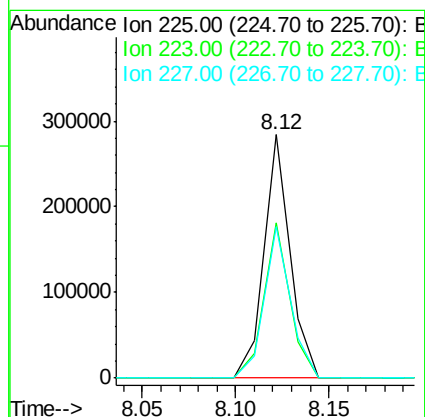
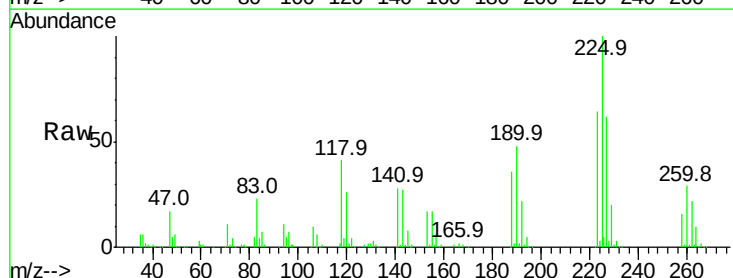
RT: 8.12 min Scan# 528

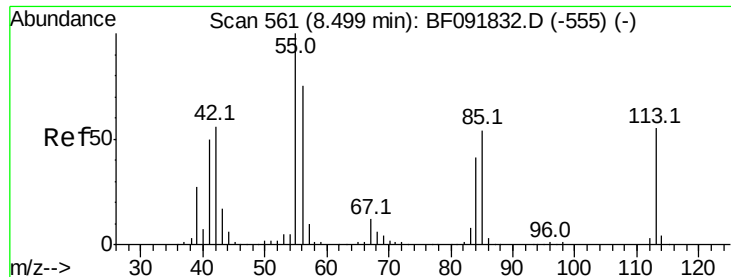
Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion:	225	Resp:	272994
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	62.4	50.6	76.0





#35

Caprolactam

Concen: 5.60 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

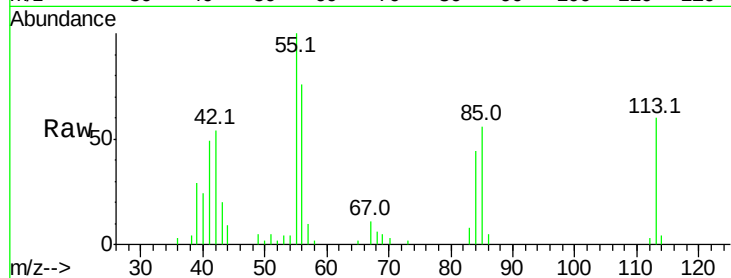
Tot Ion:113 Resp: 20048

Ion Ratio Lower Upper

113 100

55 167.7 119.2 159.2#

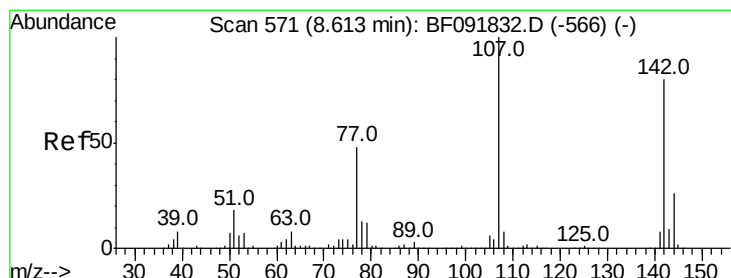
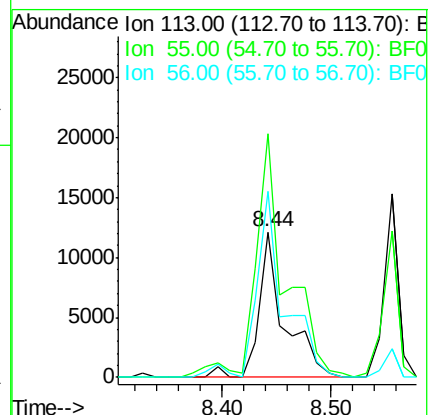
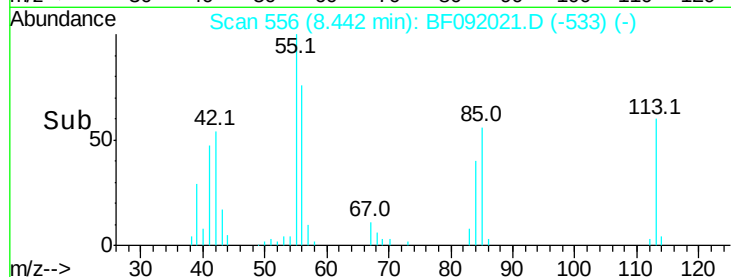
56 127.7 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.85 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

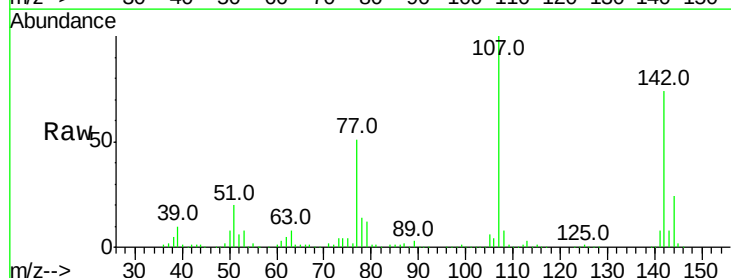
Tgt Ion:107 Resp: 499545

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

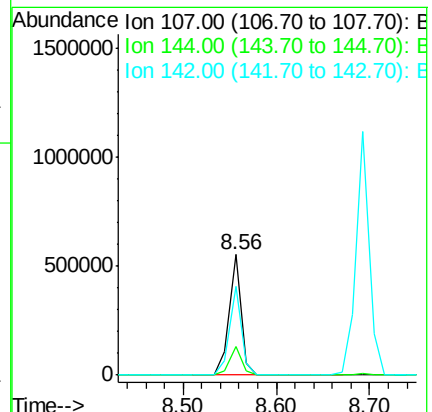
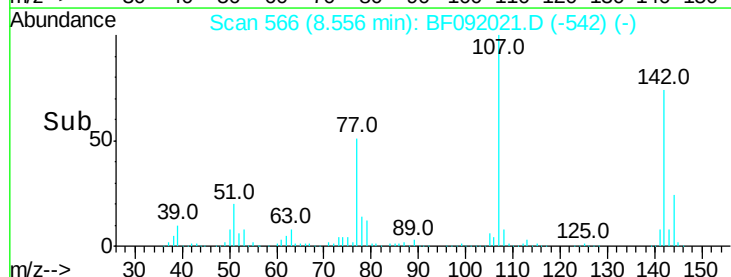
142 74.0 59.0 88.6

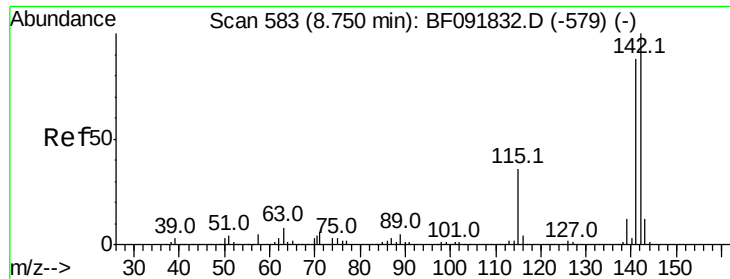


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

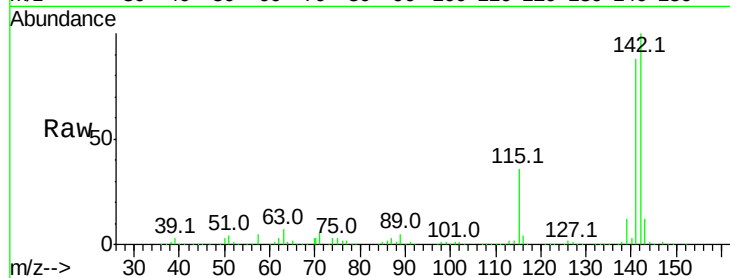




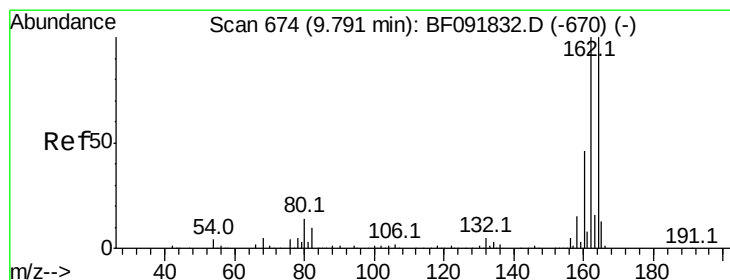
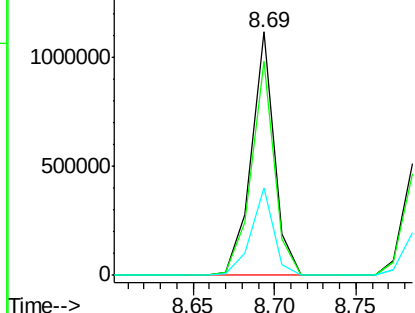
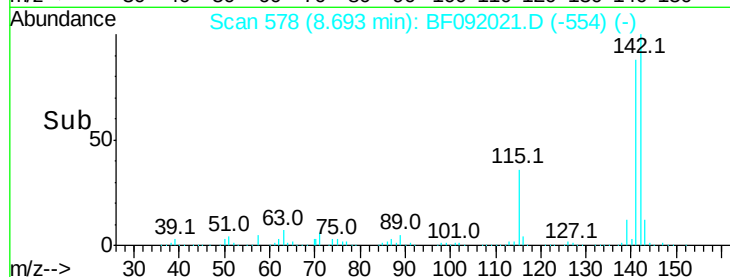
#37
2-Methylnaphthalene
Concen: 50.52 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:142 Resp: 1099759
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 36.1 28.3 42.5

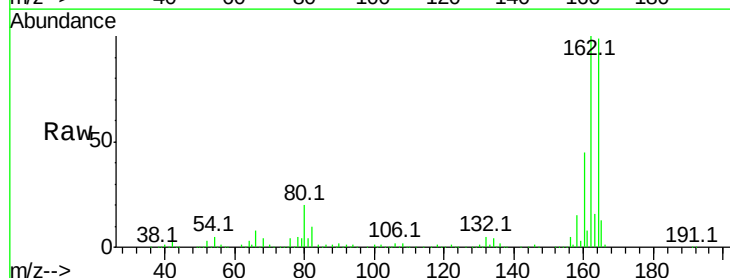


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

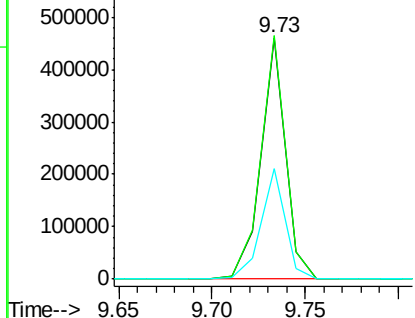
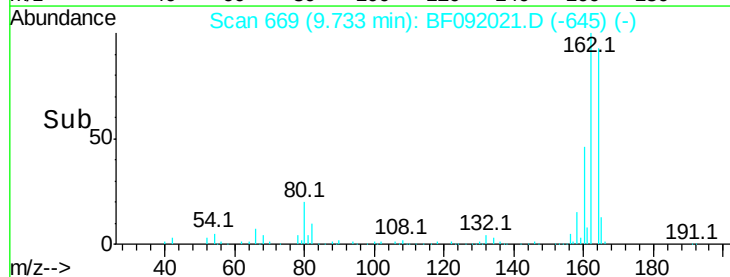


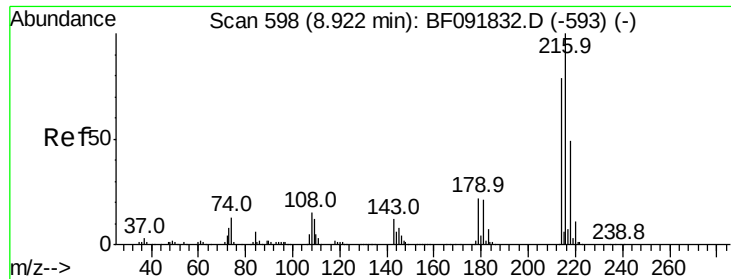
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:164 Resp: 417810
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 45.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.78 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:216 Resp: 525449

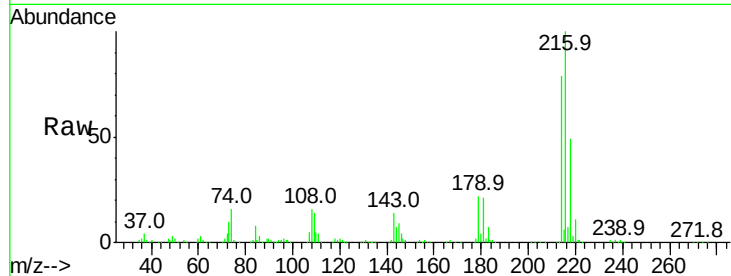
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 22.7 17.4 26.2

108 22.2 15.6 23.4

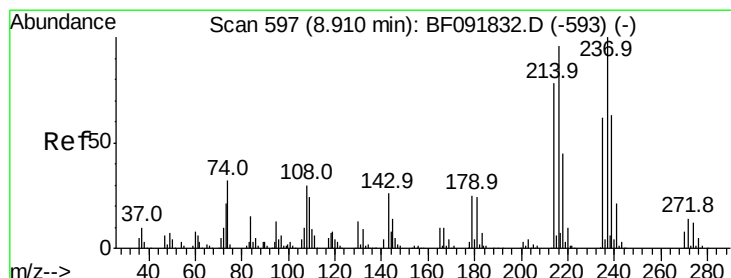
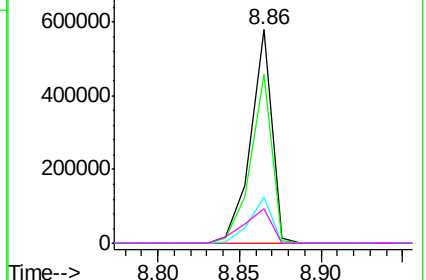
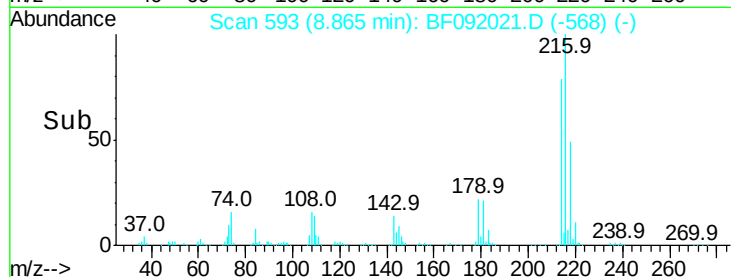


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.91 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

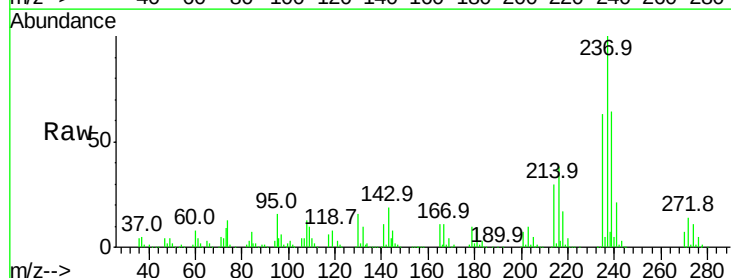
Tgt Ion:237 Resp: 449876

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

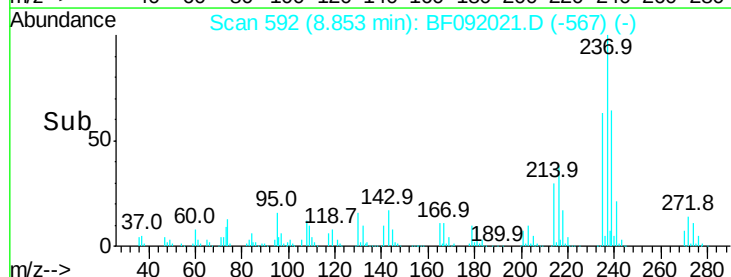
272 14.1 0.0 35.4



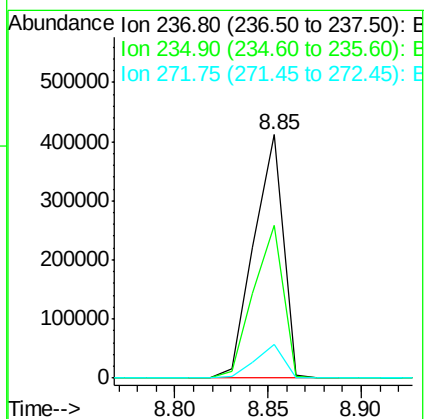
Abundance Ion 236.80 (236.50 to 237.50): E

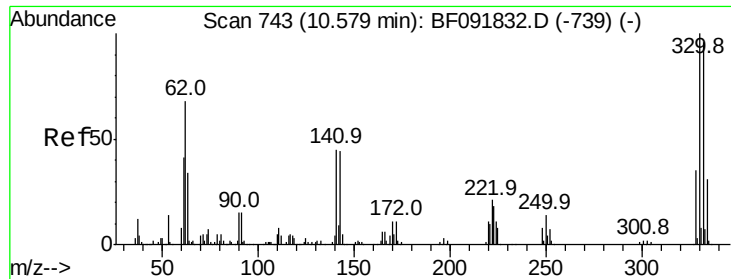
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

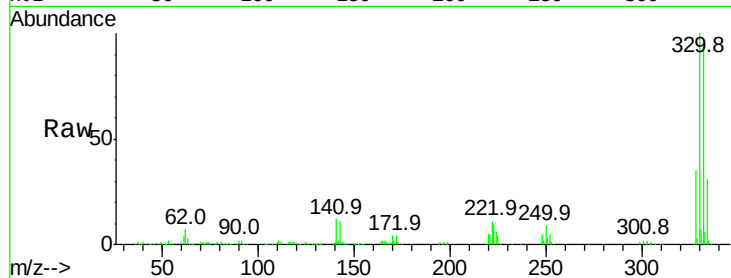




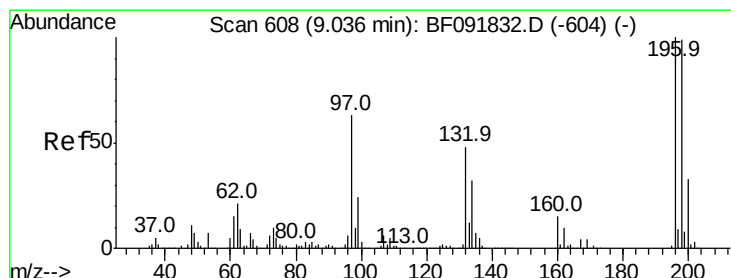
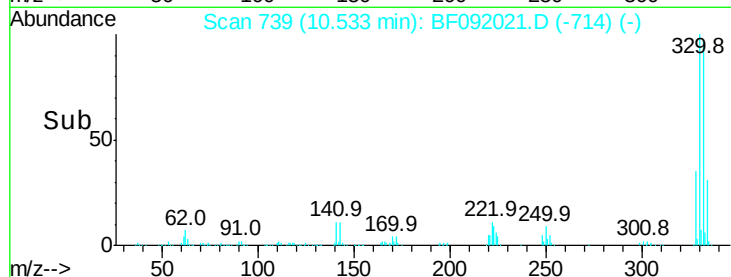
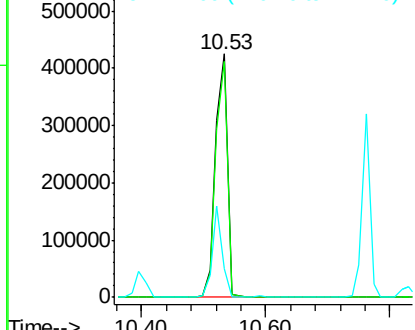
#41
 2,4,6-Tribromophenol
 Concen: 159.13 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:330 Resp: 550218
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 31.5 34.1 51.1#

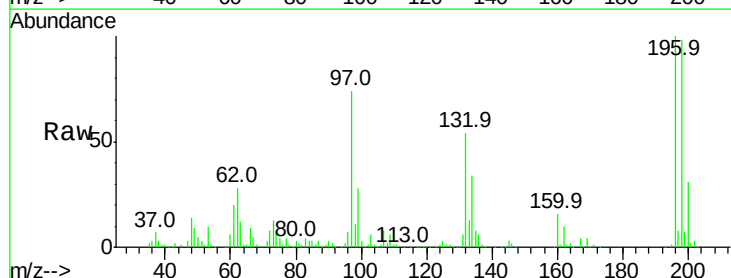


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

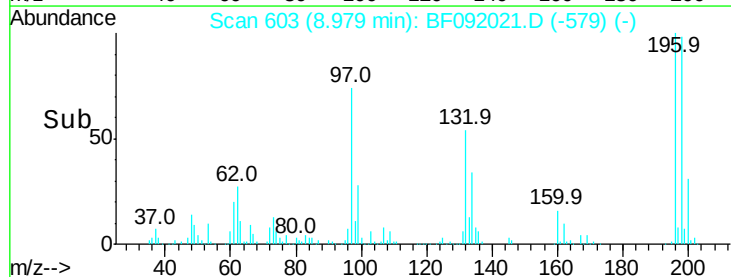
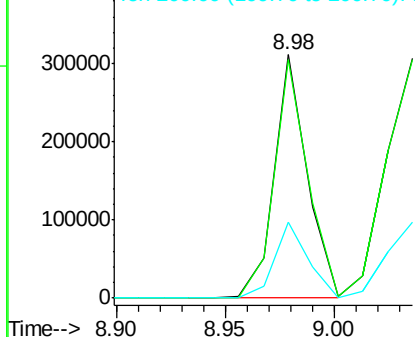


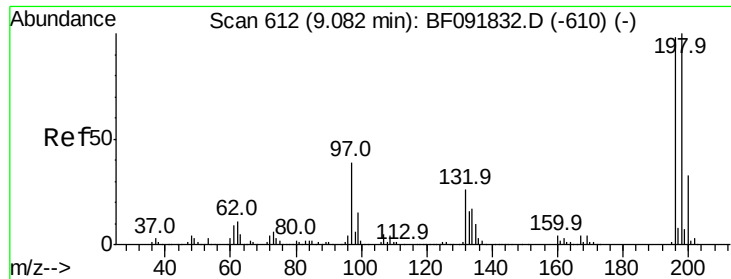
#42
 2,4,6-Trichlorophenol
 Concen: 44.99 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion:196 Resp: 332103
 Ion Ratio Lower Upper
 196 100
 198 98.0 82.1 123.1
 200 31.4 27.0 40.4



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

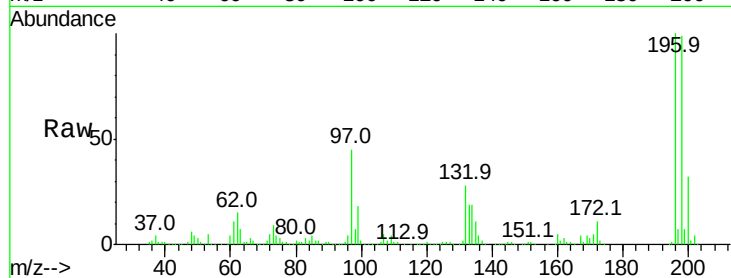




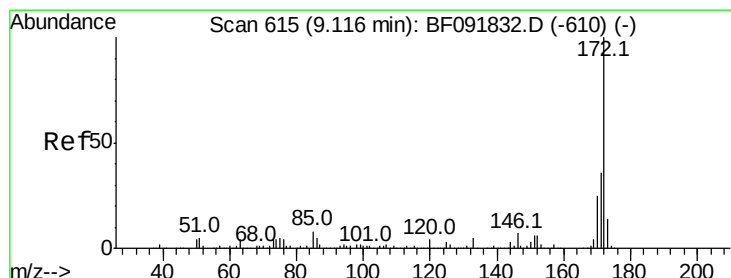
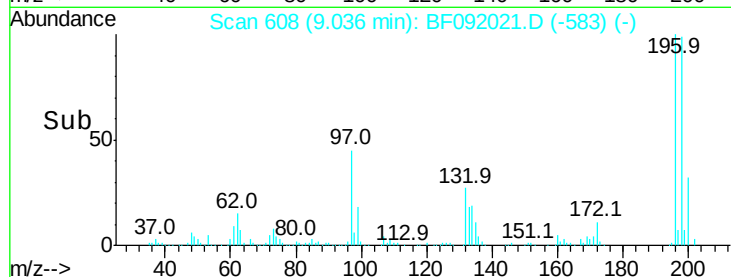
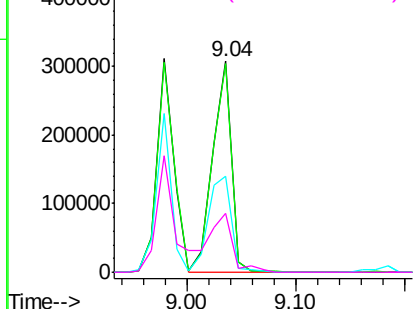
#43
 2,4,5-Trichlorophenol
 Concen: 49.34 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:	196	Resp:	374834
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	45.3	51.5	77.3#
132	27.7	27.4	41.2

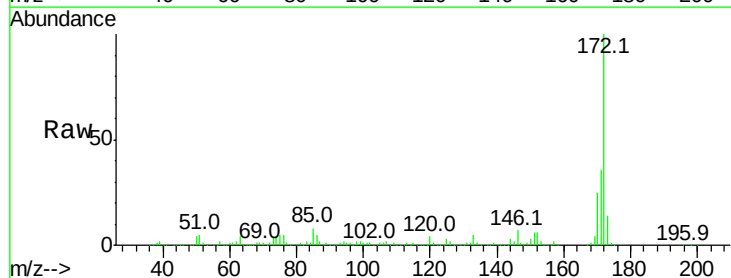


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

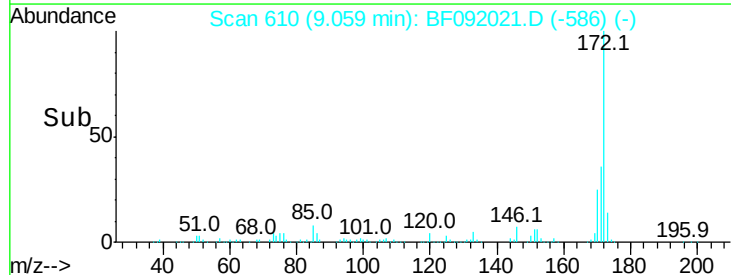
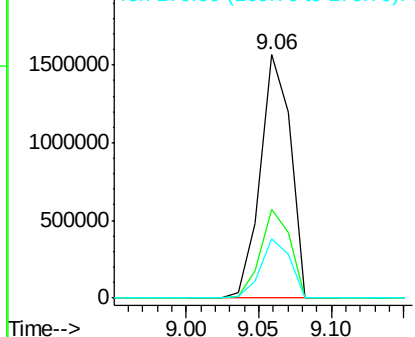


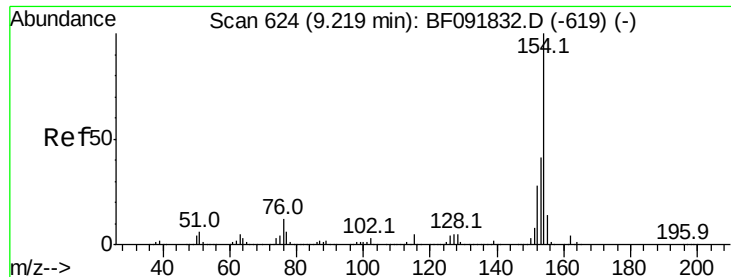
#44
 2-Fluorobiphenyl
 Concen: 115.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion:	172	Resp:	2252803
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4



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



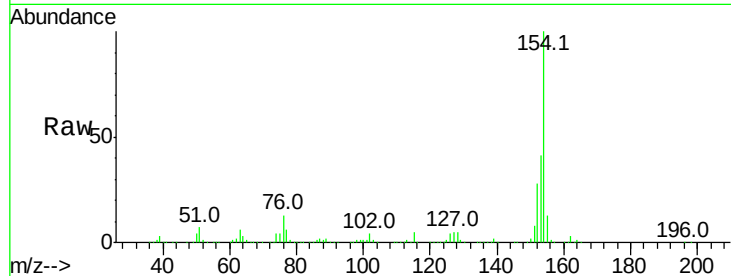


#45
 1,1'-Biphenyl
 Concen: 50.24 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

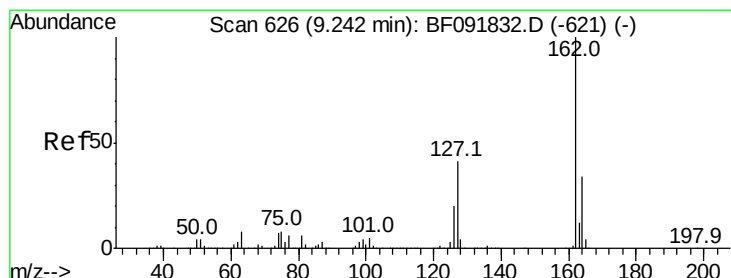
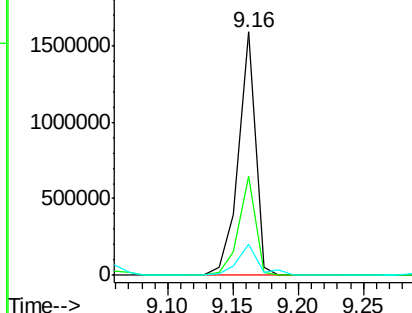
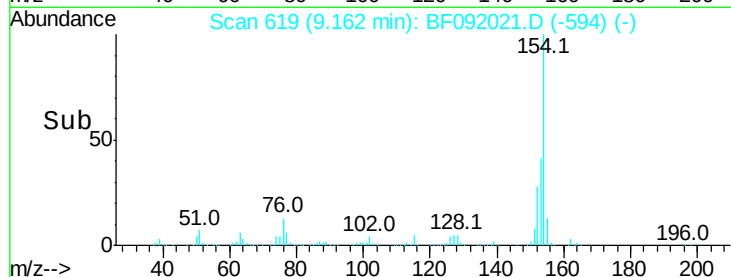
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:154 Resp: 1437293

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	12.8	0.0	30.5



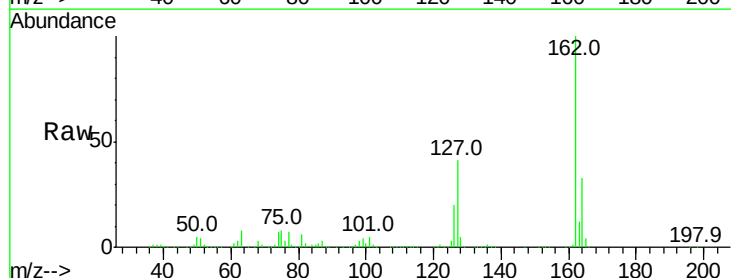
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



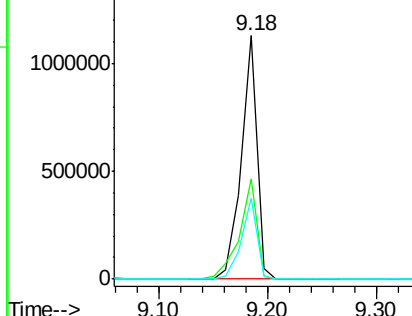
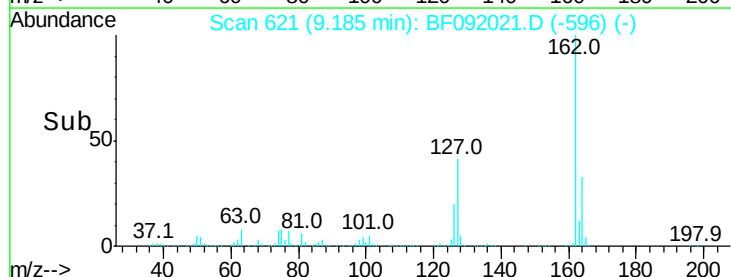
#46
 2-Chloronaphthalene
 Concen: 48.87 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

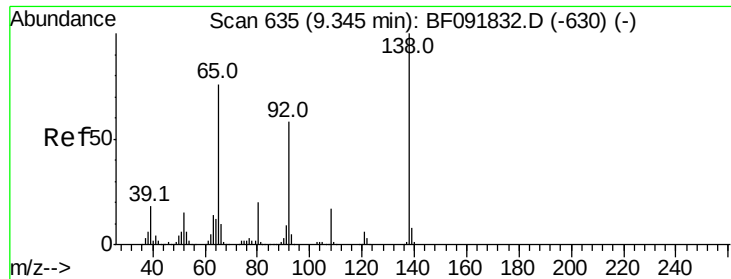
Tgt Ion:162 Resp: 1107247

Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.7	46.1
164	33.2	27.6	41.4



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: 44.99 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

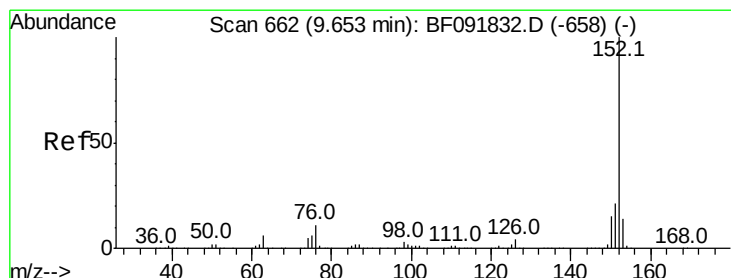
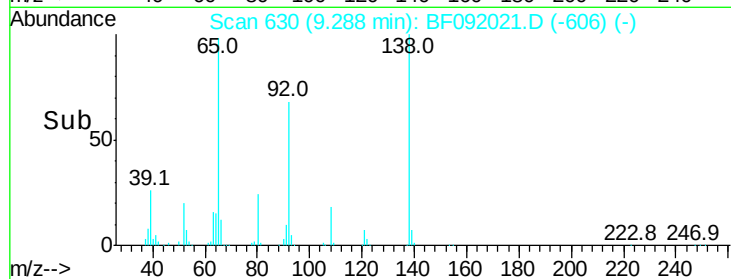
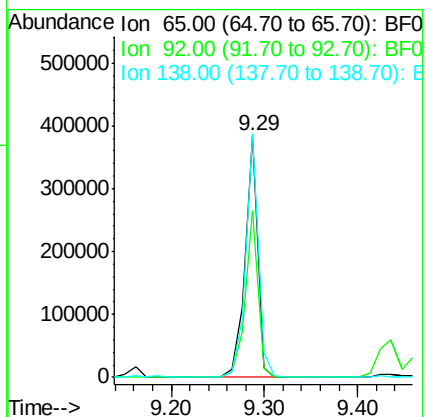
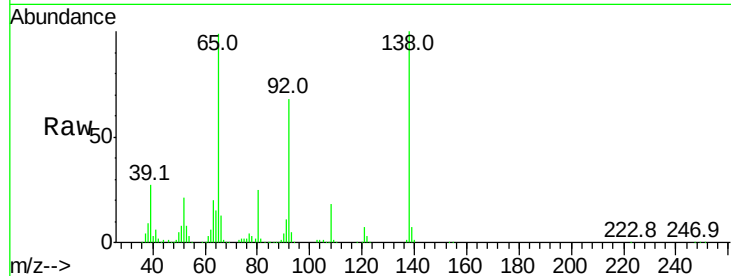
Tot Ion: 65 Resp: 362929

Ion Ratio Lower Upper

65 100

92 68.9 53.9 80.9

138 100.9 76.8 115.2



#48

Acenaphthylene

Concen: 44.66 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

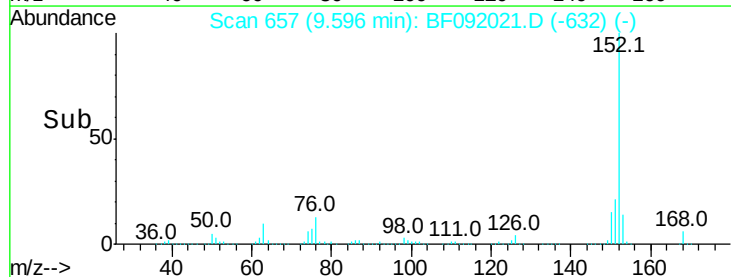
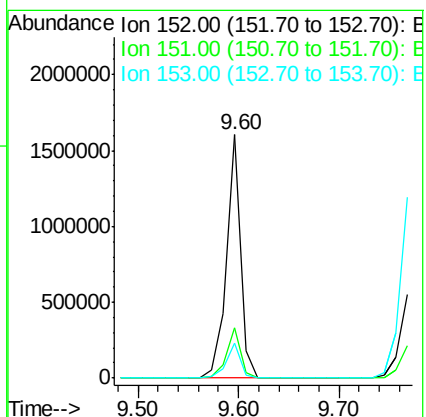
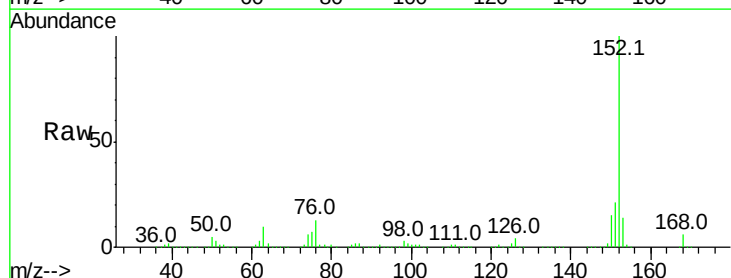
Tgt Ion: 152 Resp: 1556099

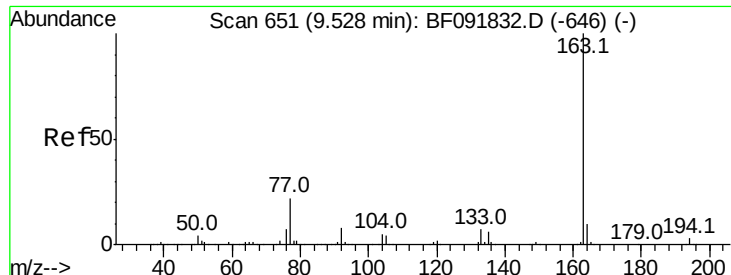
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 14.4 11.4 17.2

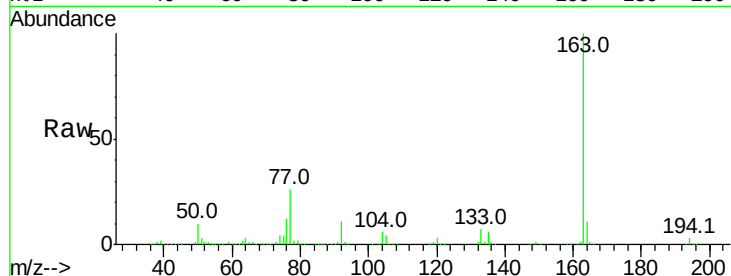




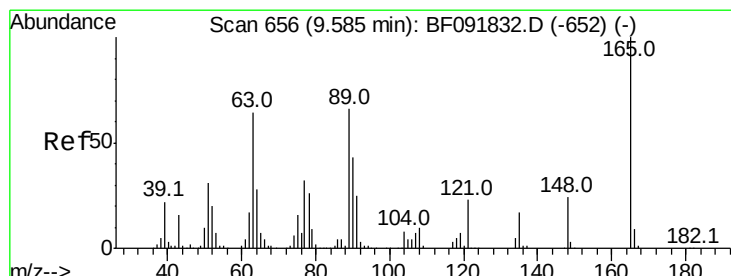
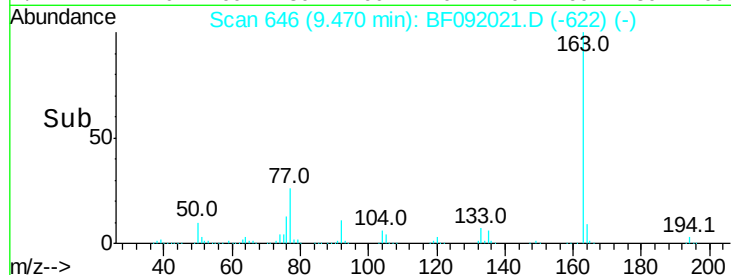
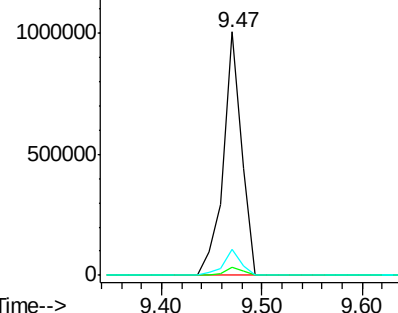
#49
Dimethylphthalate
Concen: 47.26 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:163 Resp: 1262920
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.7 8.0 12.0

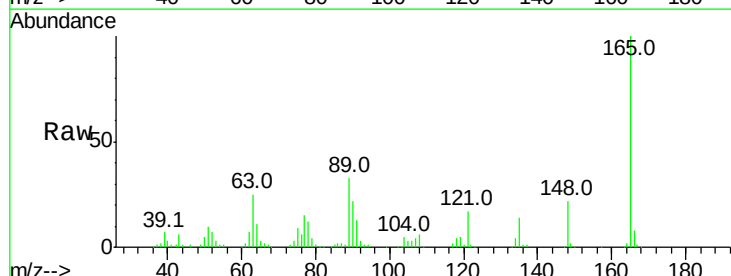


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

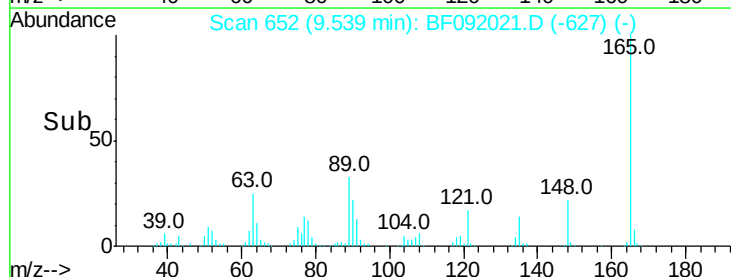
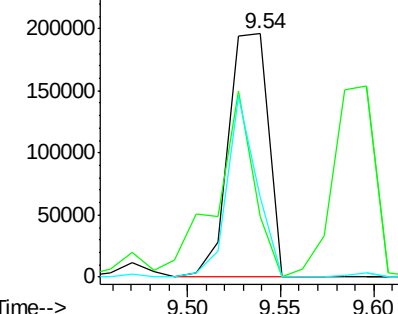


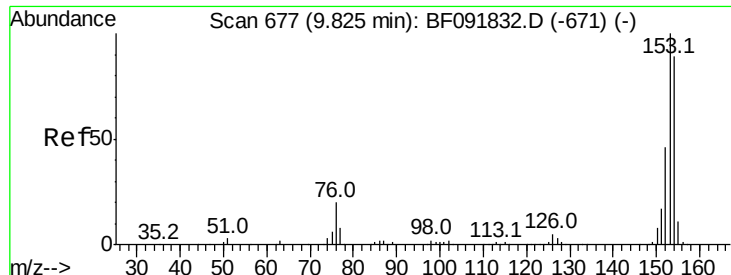
#50
2,6-Dinitrotoluene
Concen: 49.57 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:165 Resp: 289904
Ion Ratio Lower Upper
165 100
63 25.1 36.2 54.4#
89 32.9 40.2 60.4#



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: 42.34 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

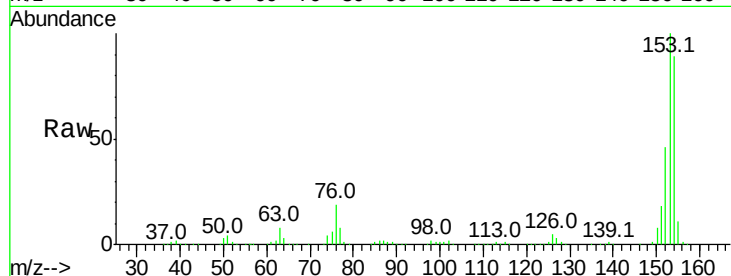
Tot Ion:154 Resp: 1000127

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

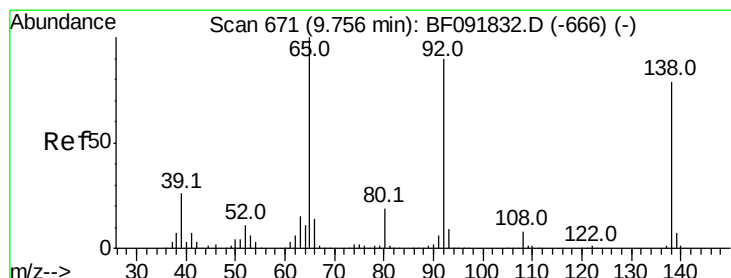
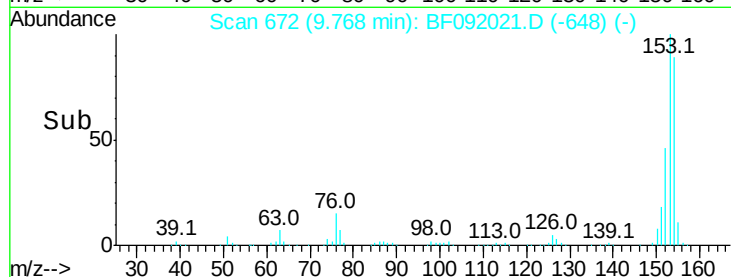
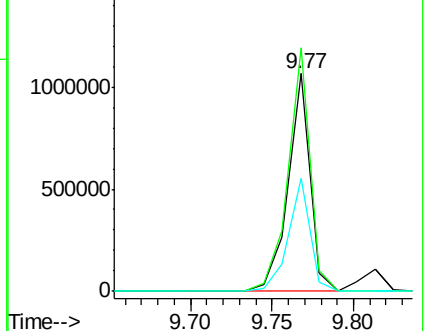
152 51.7 41.6 62.4



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: 27.49 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

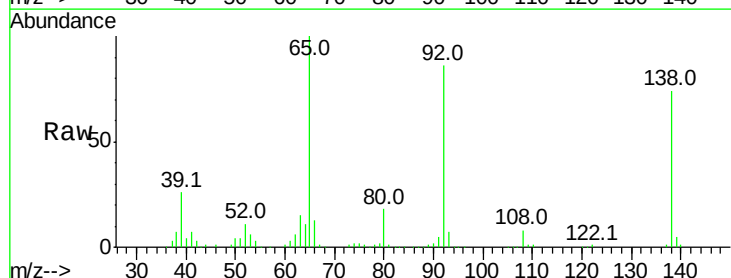
Tgt Ion:138 Resp: 198961

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

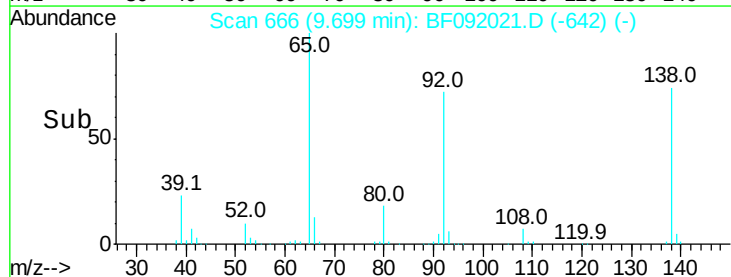
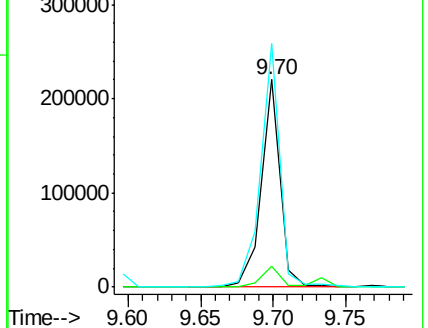
92 117.3 97.8 146.8

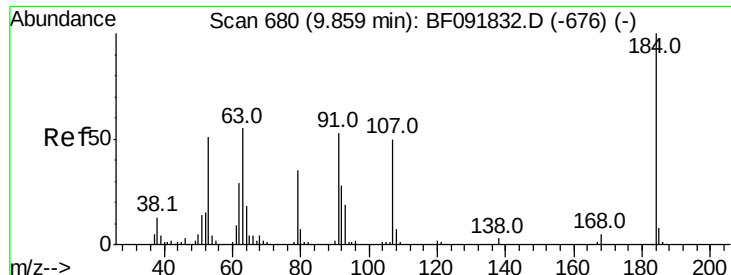


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

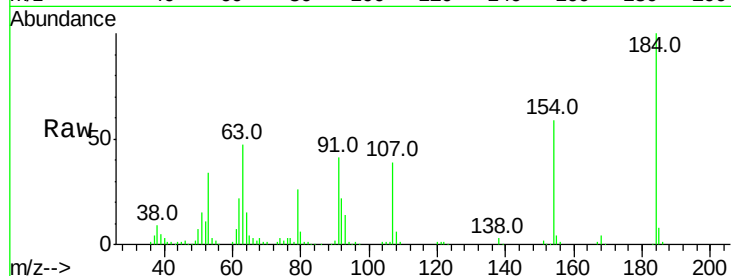




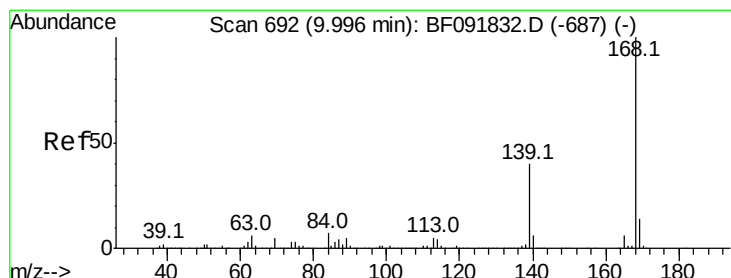
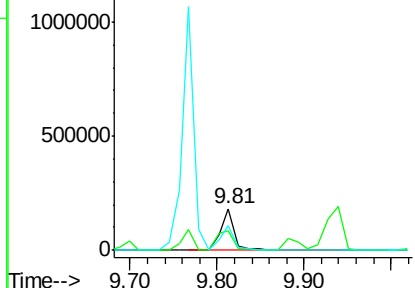
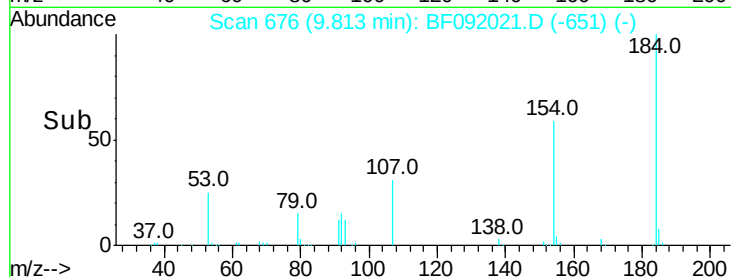
#53
2,4-Dinitrophenol
Concen: 64.61 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:184 Resp: 210253
Ion Ratio Lower Upper
184 100
63 47.3 28.4 42.6#
154 59.0 44.3 66.5

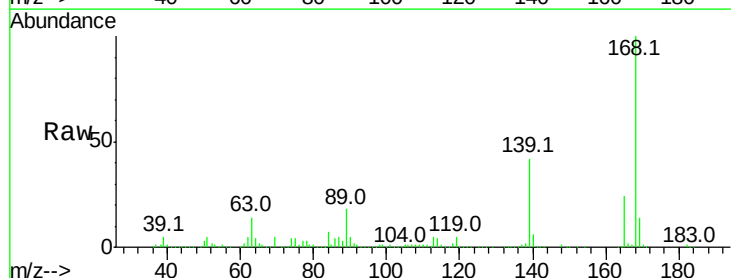


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

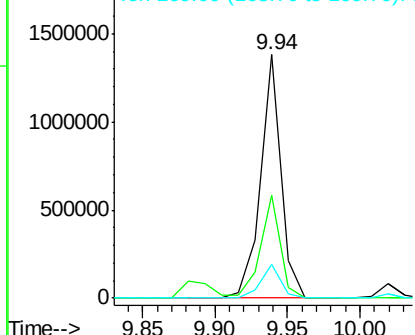
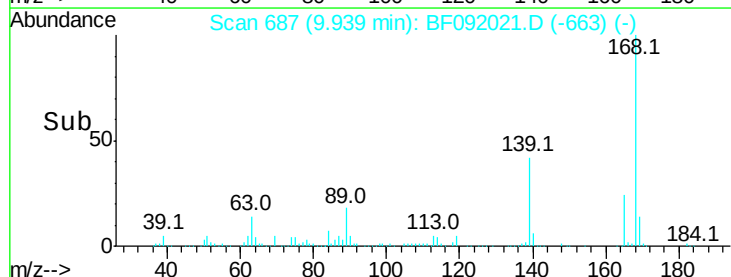


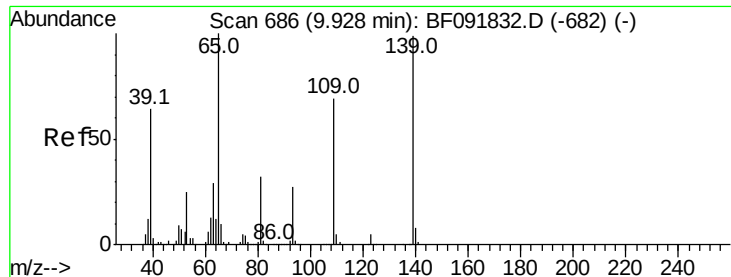
#54
Dibenzofuran
Concen: 42.16 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:168 Resp: 1345008
Ion Ratio Lower Upper
168 100
139 42.3 32.6 49.0
169 13.9 11.3 16.9



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: 27.49 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

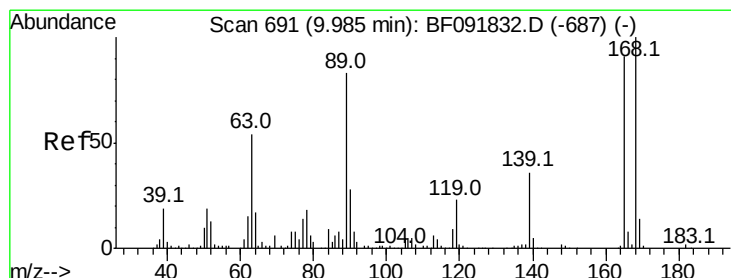
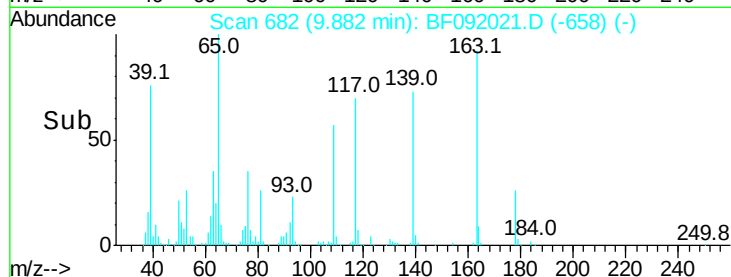
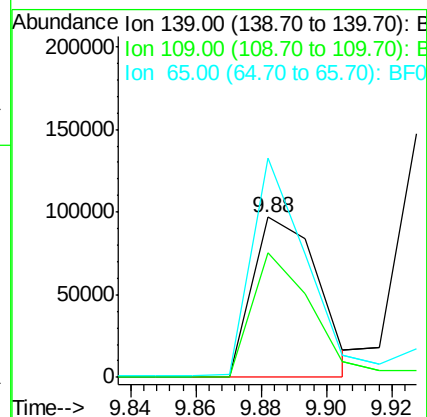
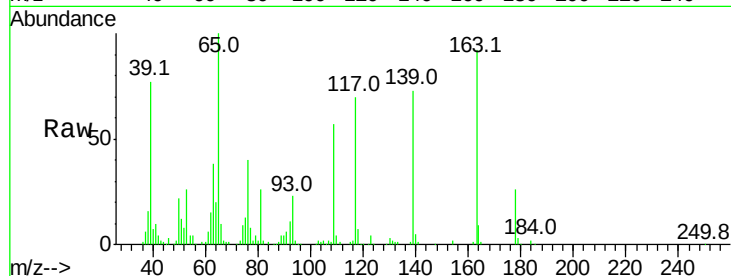
Tot Ion:139 Resp: 135111

Ion Ratio Lower Upper

139 100

109 77.9 52.2 92.2

65 136.9 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 52.30 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion:165 Resp: 383909

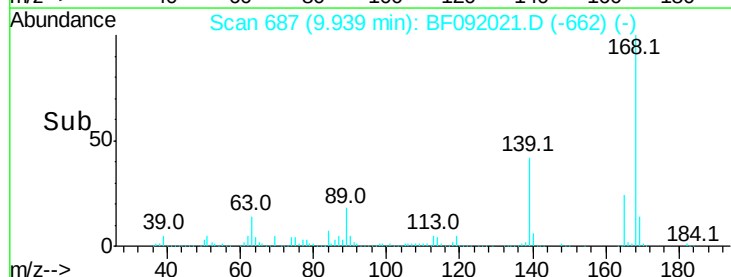
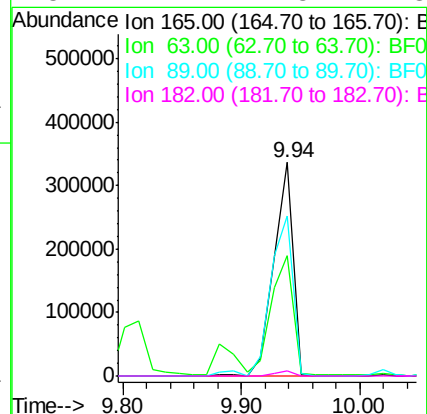
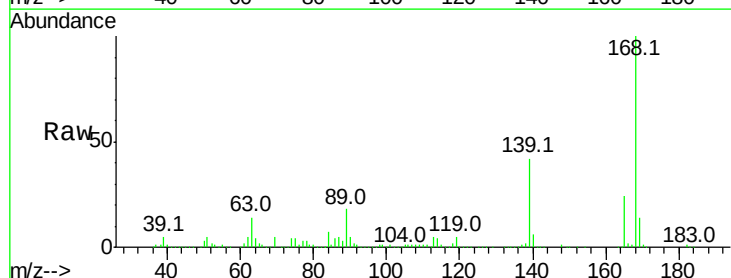
Ion Ratio Lower Upper

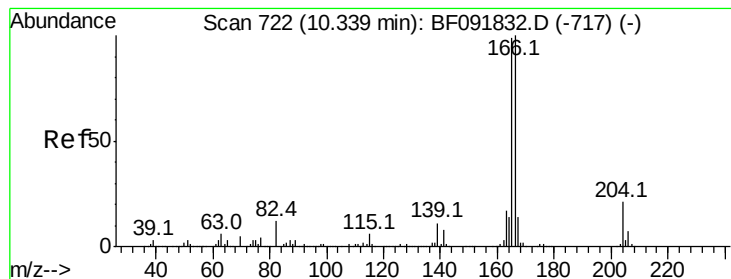
165 100

63 56.5 40.2 60.4

89 75.1 62.5 93.7

182 2.2 1.8 2.8





#57

Fluorene

Concen: 46.17 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

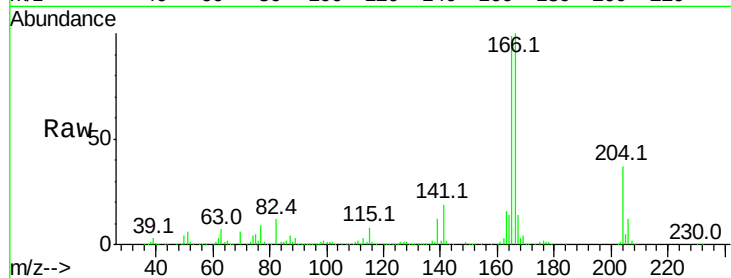
Tot Ion:166 Resp: 1071644

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

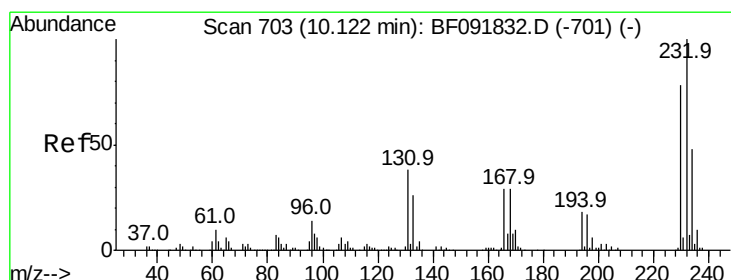
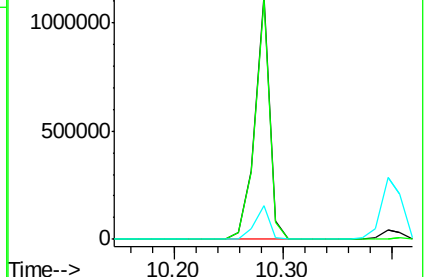
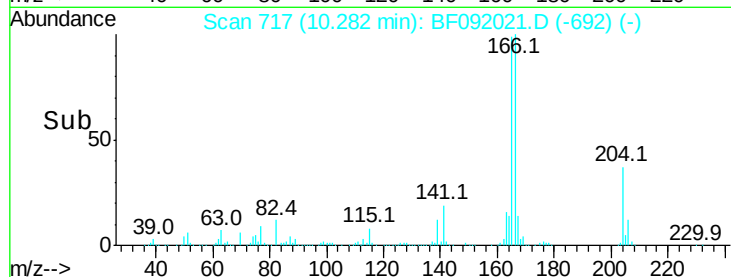
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.21 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion:232 Resp: 295716

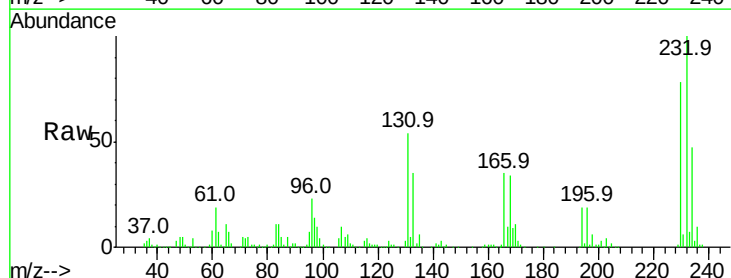
Ion Ratio Lower Upper

232 100

131 52.6 40.1 60.1

130 2.6 1.8 2.8

166 33.4 26.6 39.8

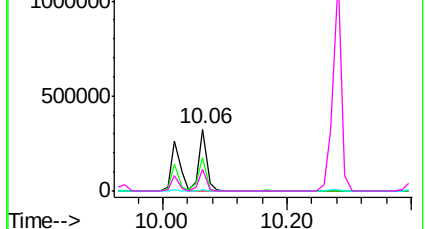
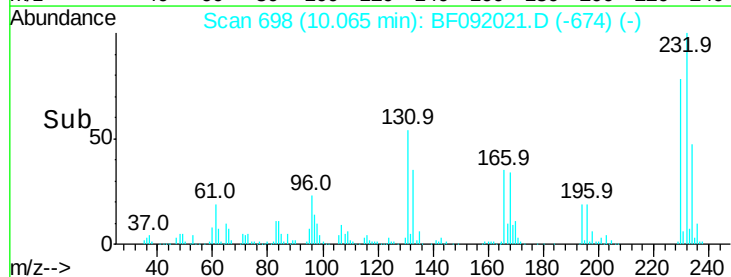


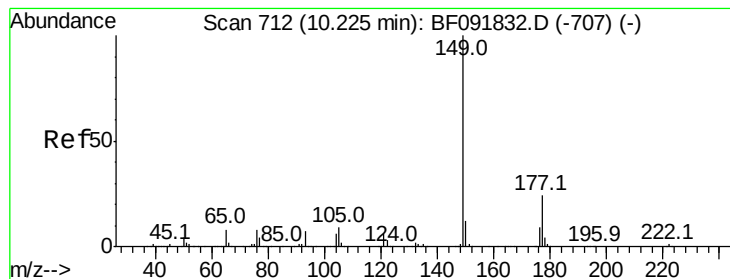
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.44 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

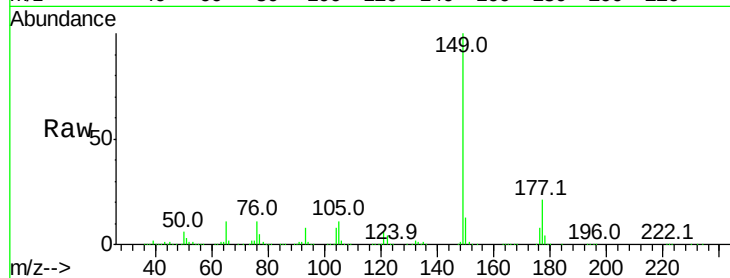
Tot Ion:149 Resp: 1257169

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

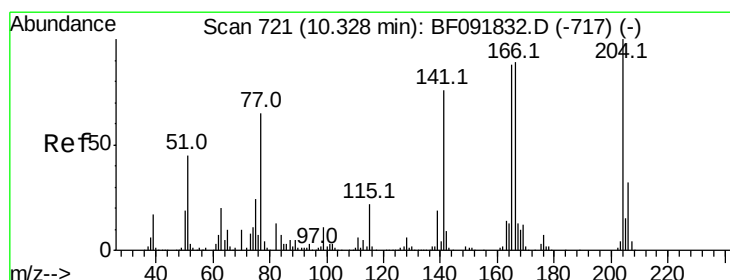
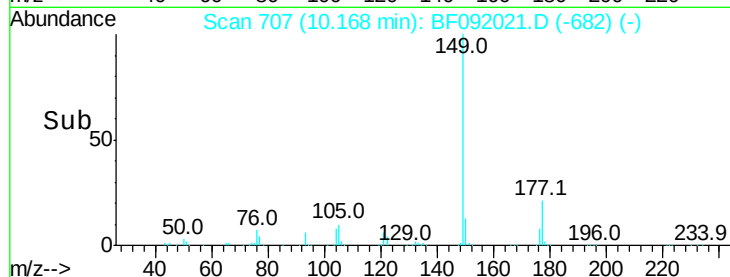
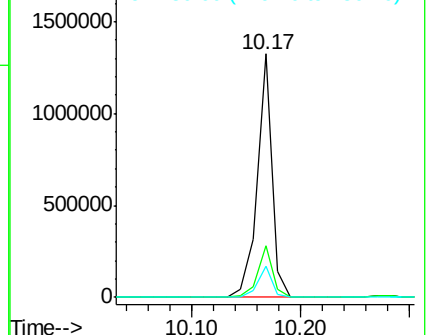
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.72 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

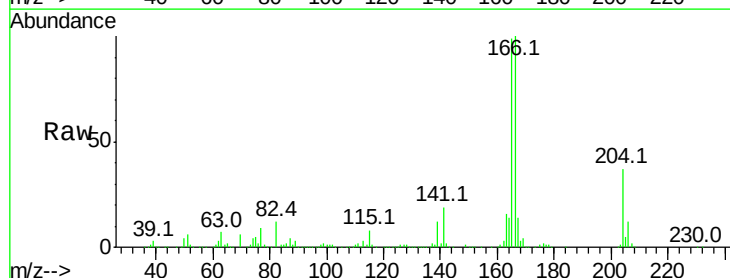
Tgt Ion:204 Resp: 525617

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

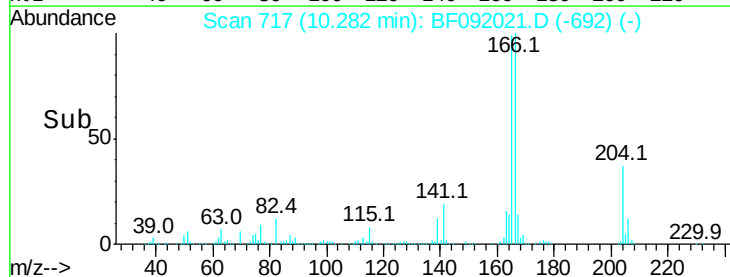
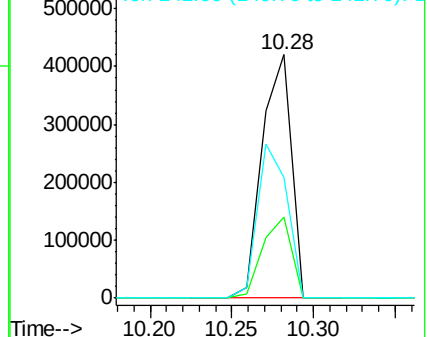
141 49.6 59.4 89.0#

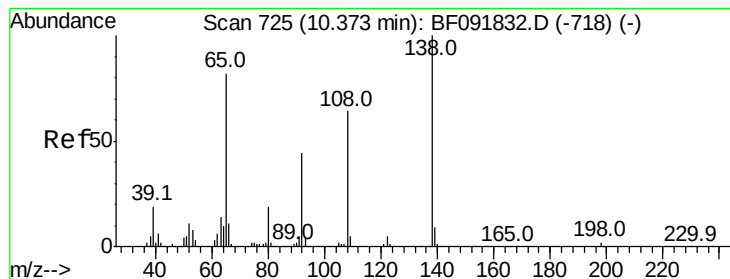


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.76 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

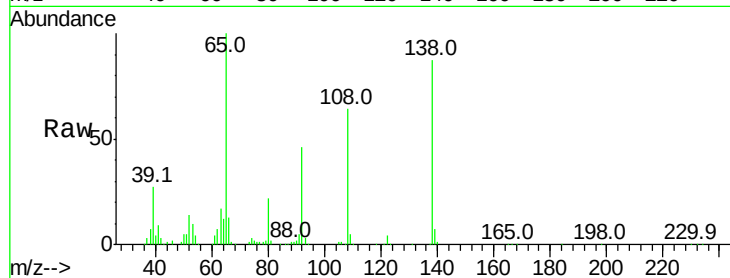
Tot Ion:138 Resp: 283266

Ion Ratio Lower Upper

138 100

92 53.1 31.7 71.7

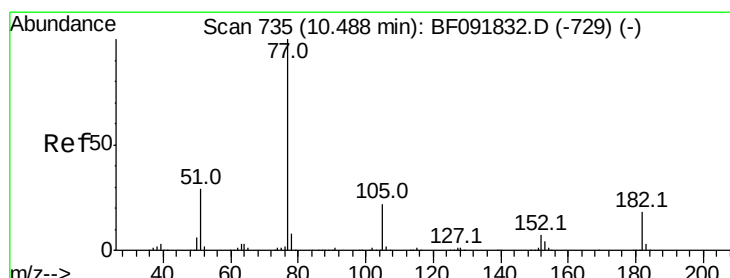
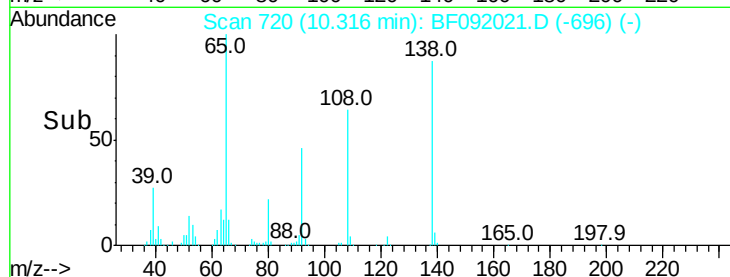
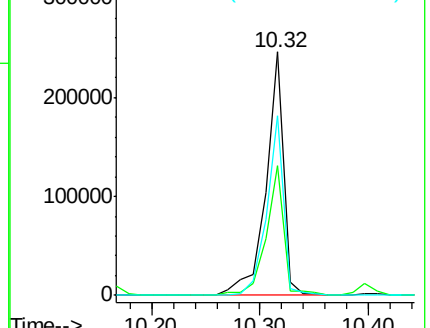
108 73.8 52.6 92.6



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: 51.27 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion: 77 Resp: 1464880

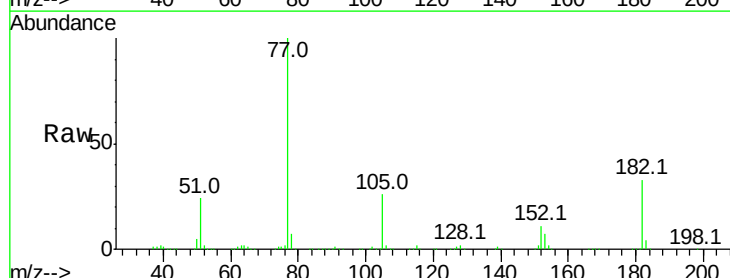
Ion Ratio Lower Upper

77 100

182 33.1 0.0 39.3

105 26.3 2.3 42.3

51 23.9 8.9 48.9

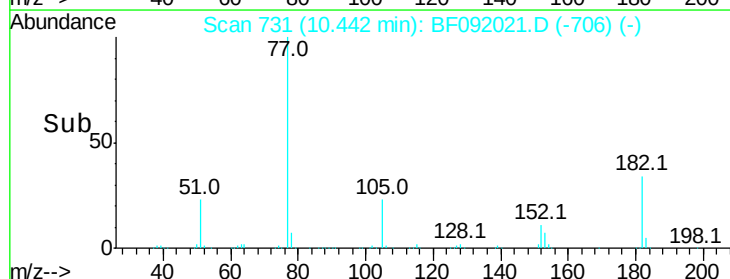
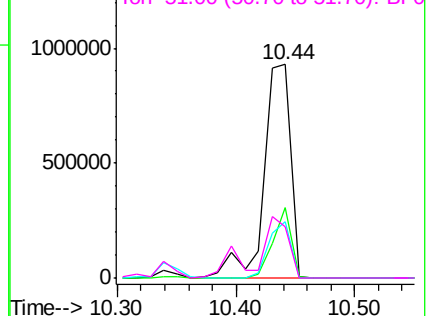


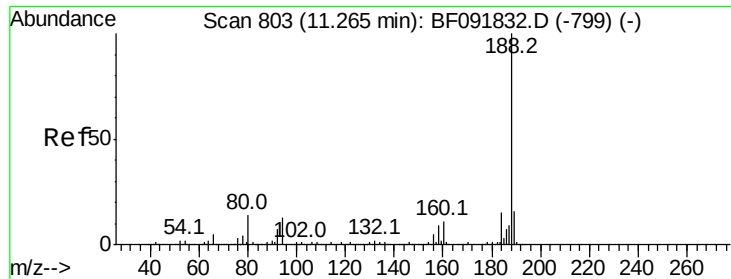
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.21 min Scan# 798

Delta R.T. -0.02 min

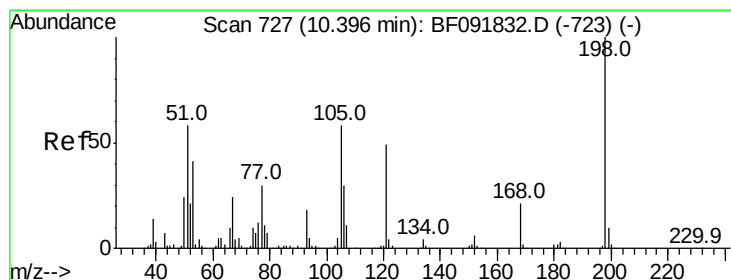
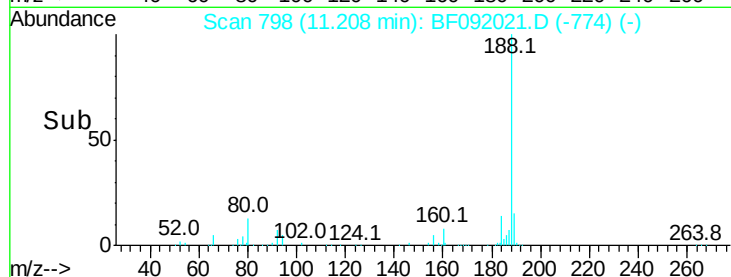
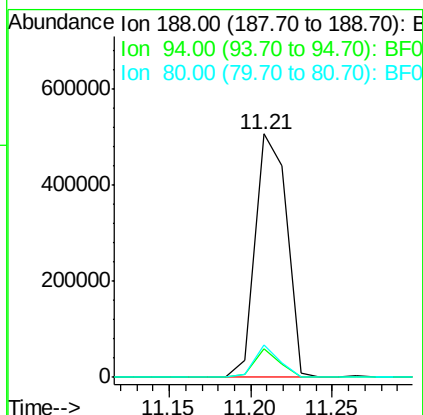
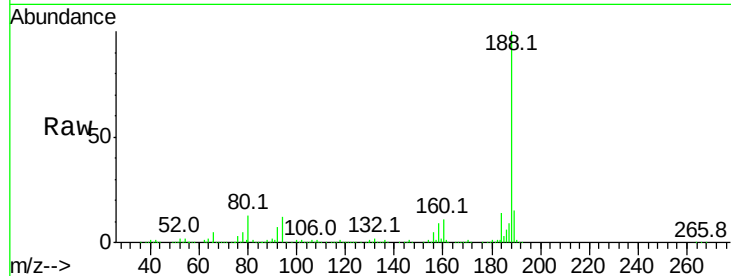
Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion:188 Resp: 681648

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	13.5	11.2	16.8



#64

4,6-Dinitro-2-methylphenol

Concen: 41.52 ng

RT: 10.35 min Scan# 723

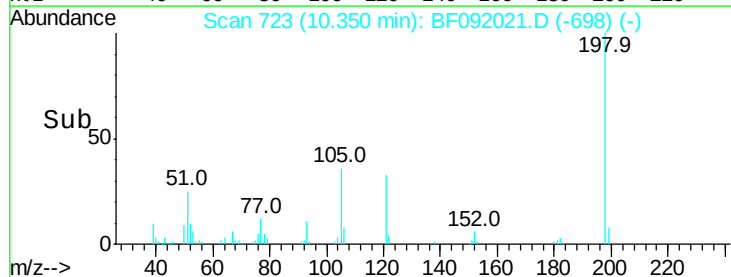
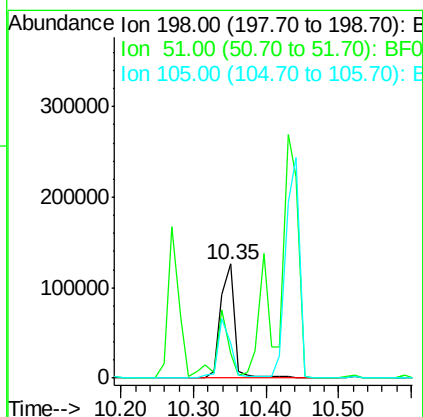
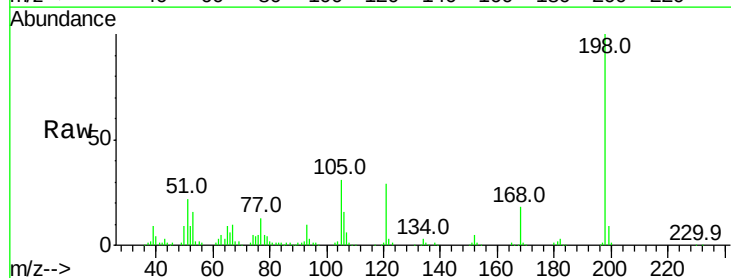
Delta R.T. -0.01 min

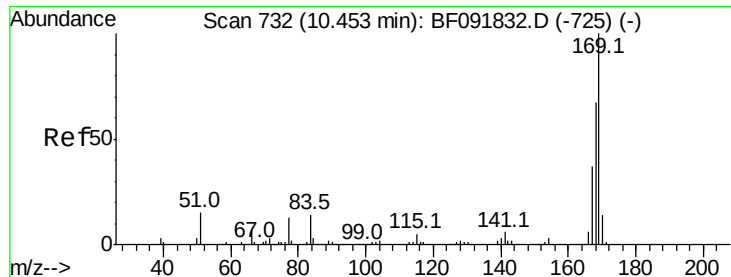
Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Tgt Ion:198 Resp: 171137

Ion	Ratio	Lower	Upper
198	100		
51	22.1	6.7	46.7
105	30.7	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 50.16 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

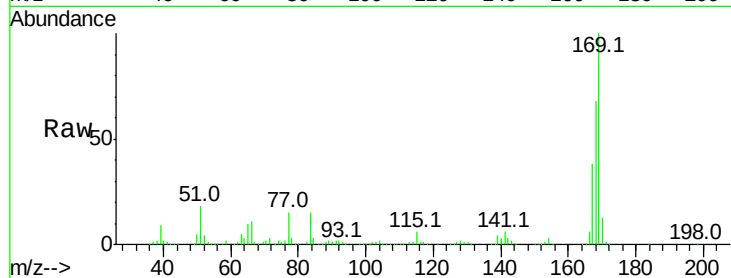
Tot Ion:169 Resp: 1014599

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

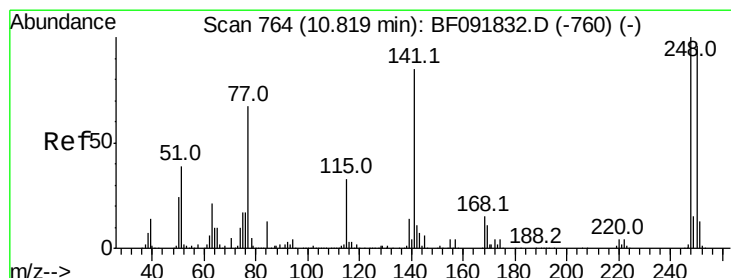
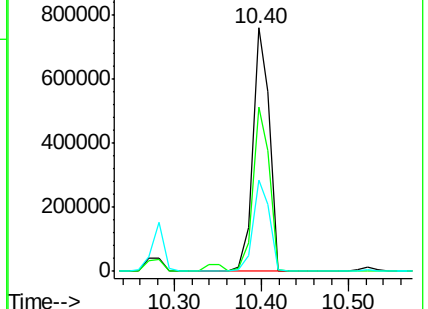
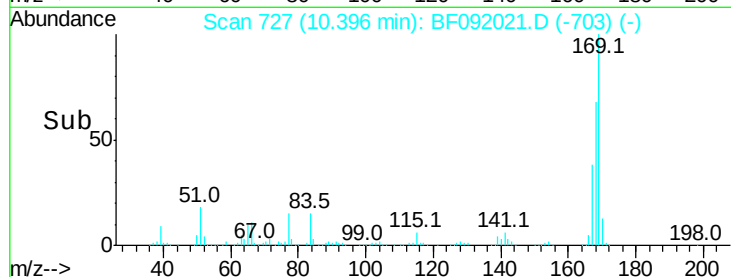
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.19 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

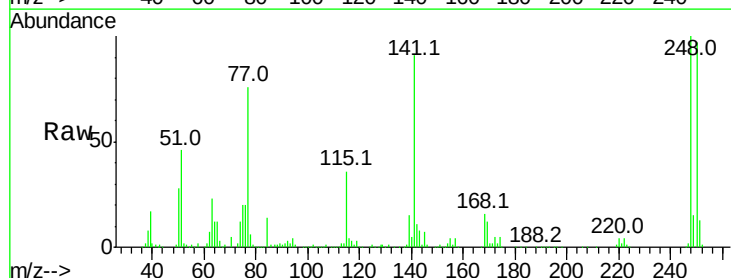
Tgt Ion:248 Resp: 334630

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

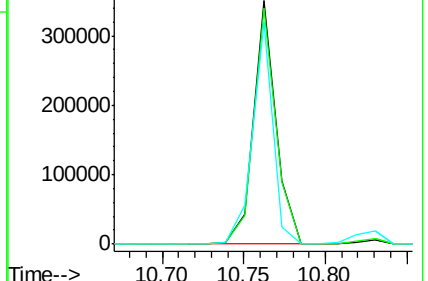
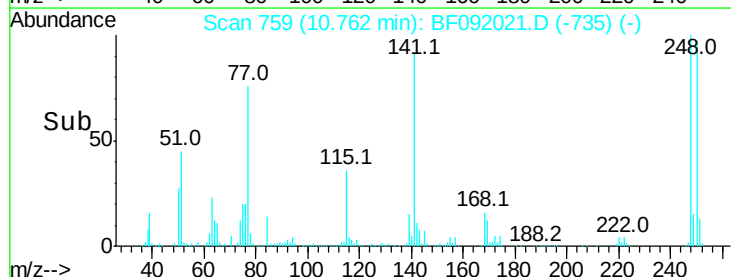
141 91.1 68.2 102.4

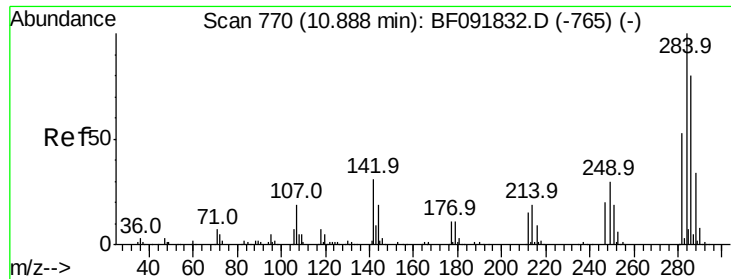


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.26 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

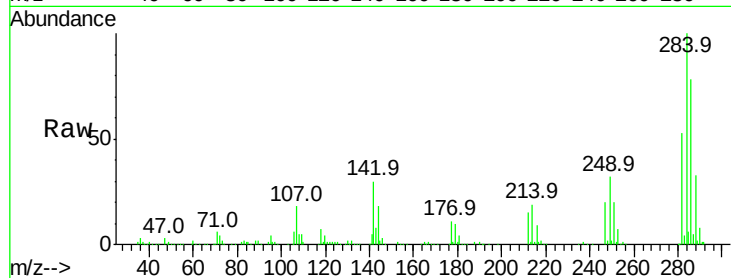
Tot Ion:284 Resp: 373312

Ion Ratio Lower Upper

284 100

142 29.7 22.6 33.8

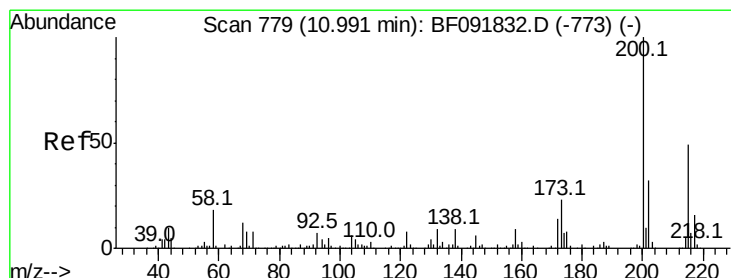
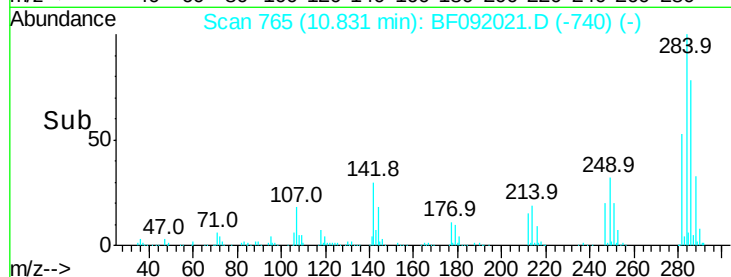
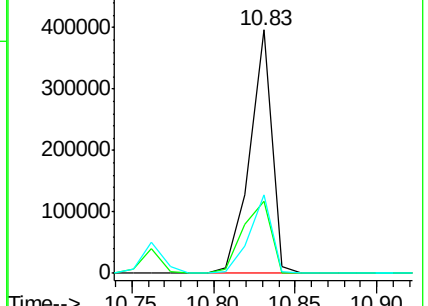
249 32.2 25.4 38.0



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: 47.37 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

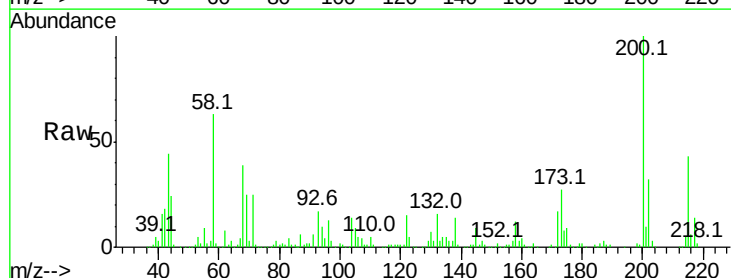
Tgt Ion:200 Resp: 309076

Ion Ratio Lower Upper

200 100

173 27.3 9.6 49.6

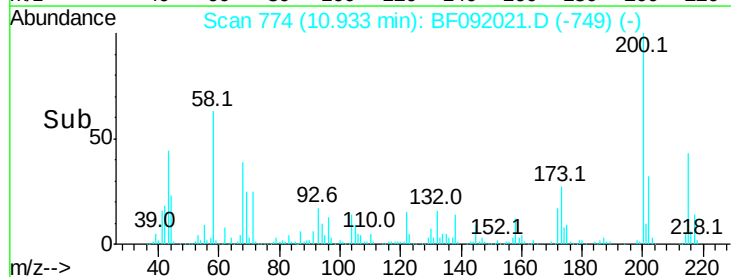
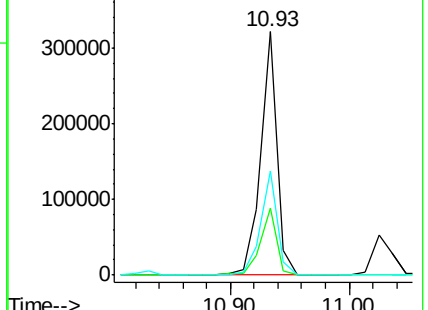
215 42.9 25.7 65.7

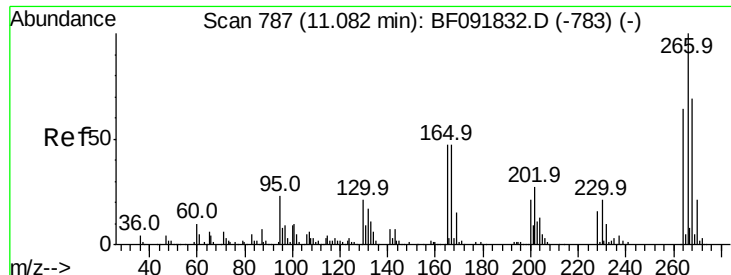


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

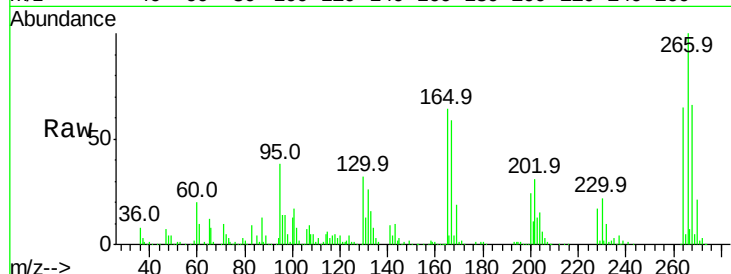




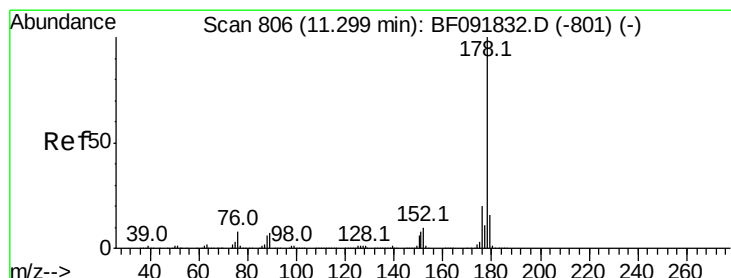
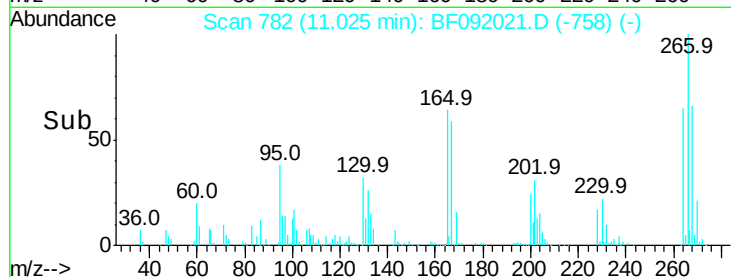
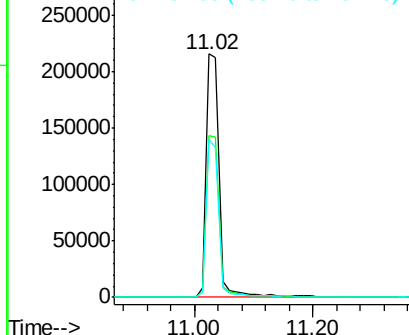
#69
 Pentachlorophenol
 Concen: 89.32 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:266 Resp: 332160
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 64.8 50.3 75.5

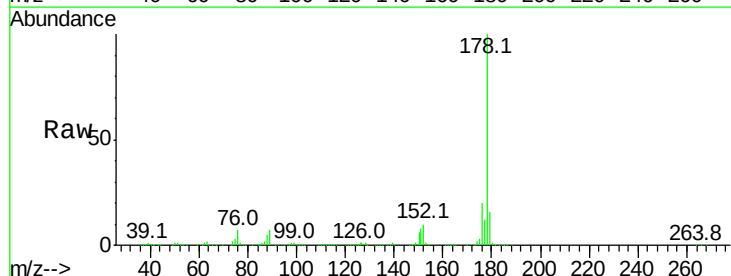


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

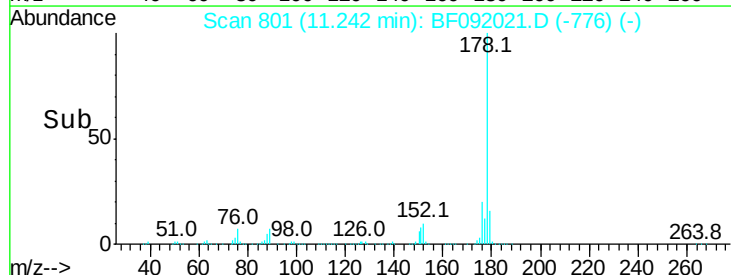
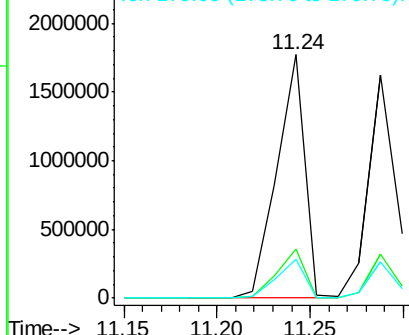


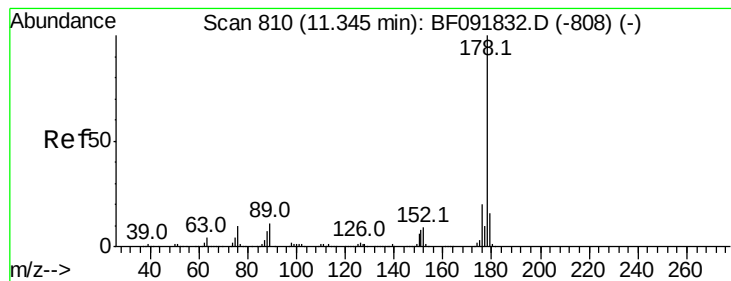
#70
 Phenanthrene
 Concen: 49.71 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion:178 Resp: 1837260
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 52.35 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

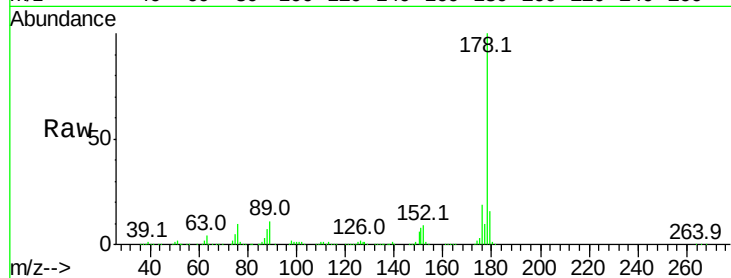
Tot Ion:178 Resp: 1620003

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

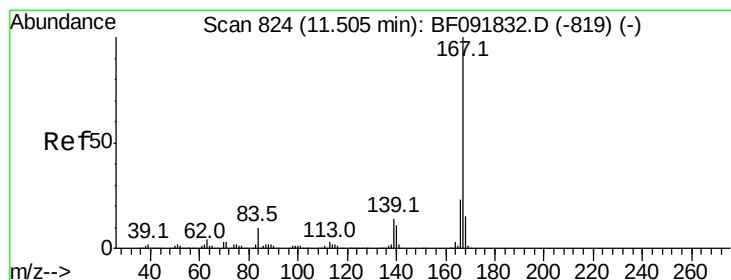
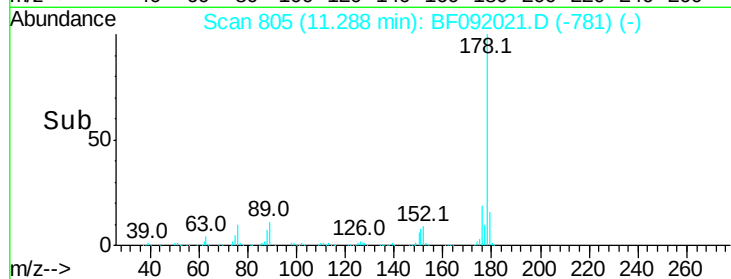
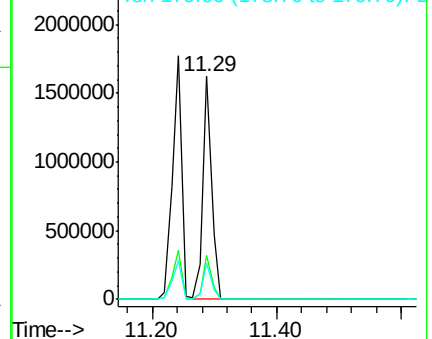
179 16.3 13.2 19.8



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



#72

Carbazole

Concen: 50.38 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

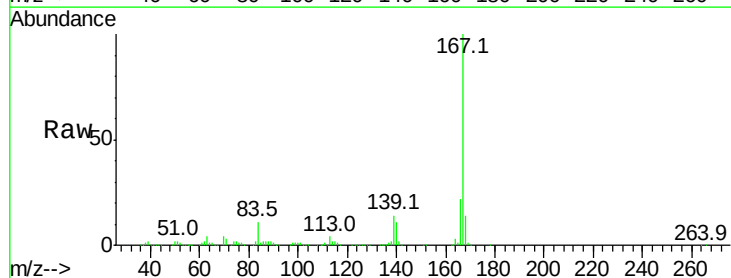
Tgt Ion:167 Resp: 1451672

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

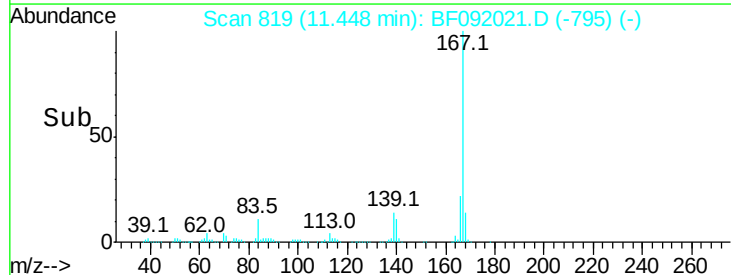
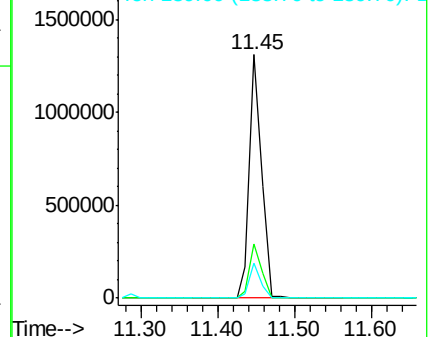
139 14.5 11.4 17.2

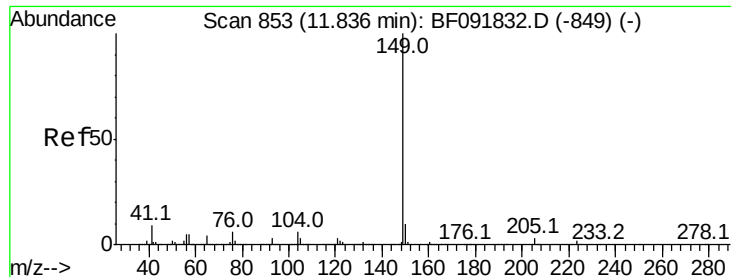


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 62.85 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

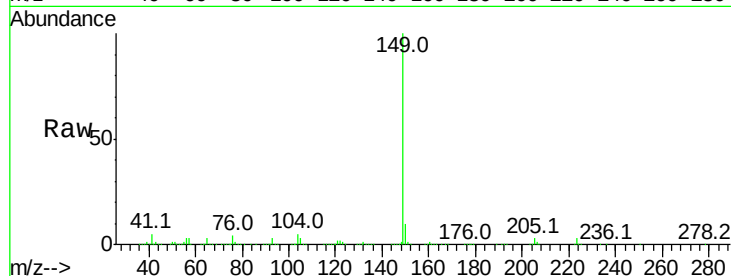
Tot Ion:149 Resp: 2144127

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

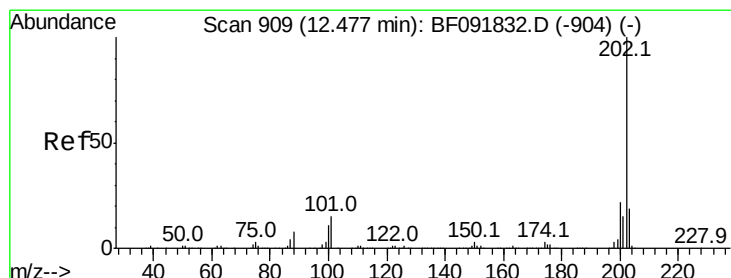
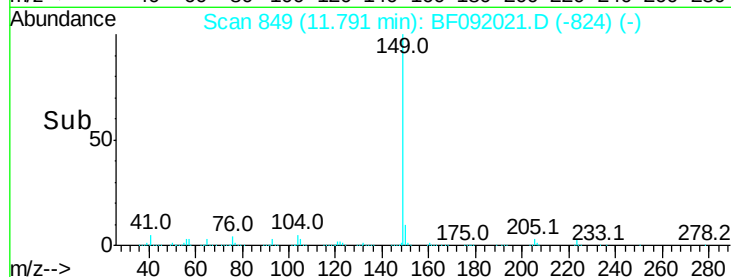
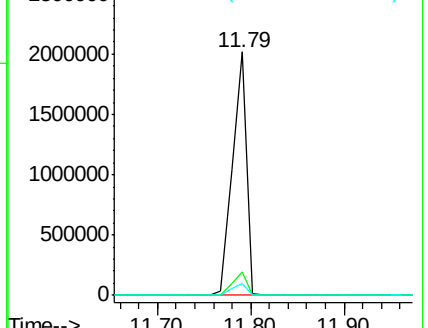
104 4.8 4.6 7.0



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: 50.57 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

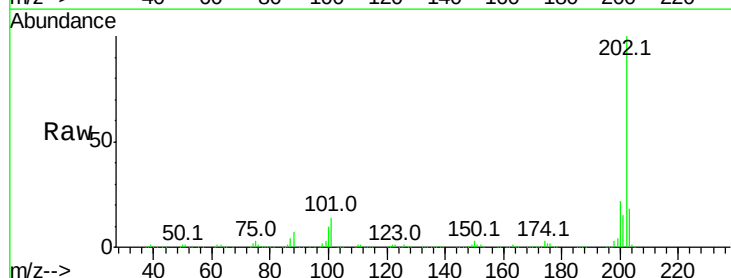
Tgt Ion:202 Resp: 1624403

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.6

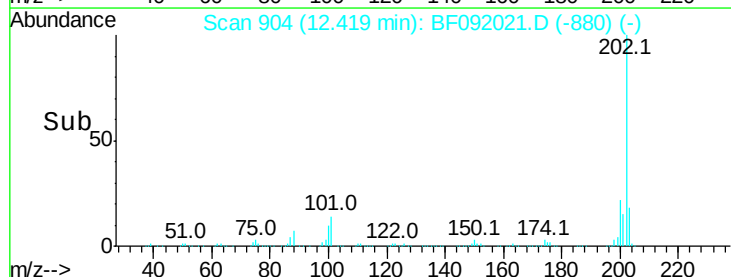
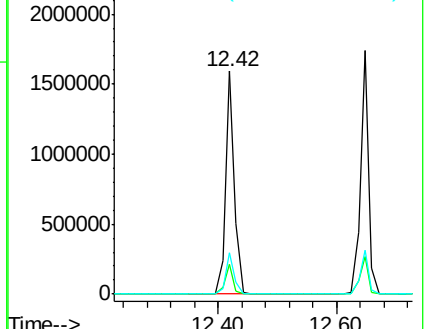
203 18.5 0.0 38.7

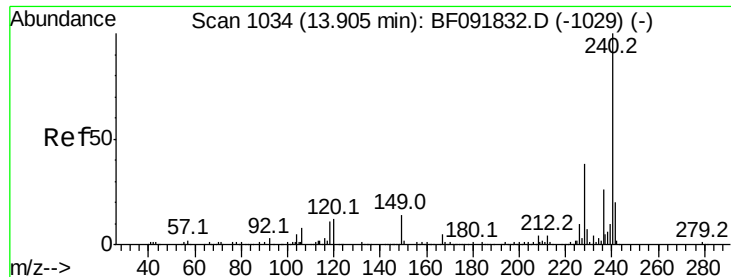


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

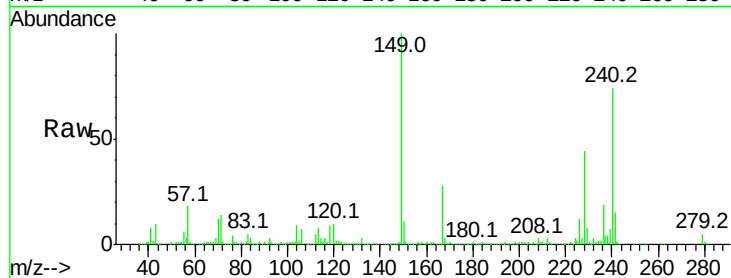
Tot Ion:240 Resp: 487952

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

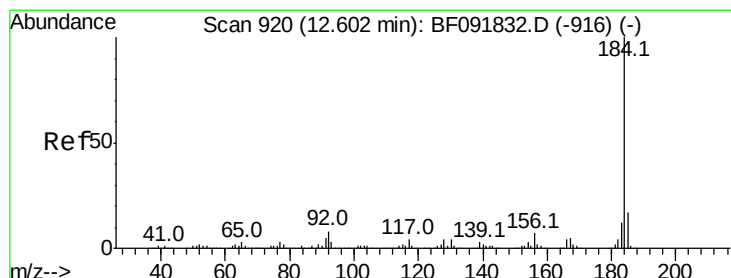
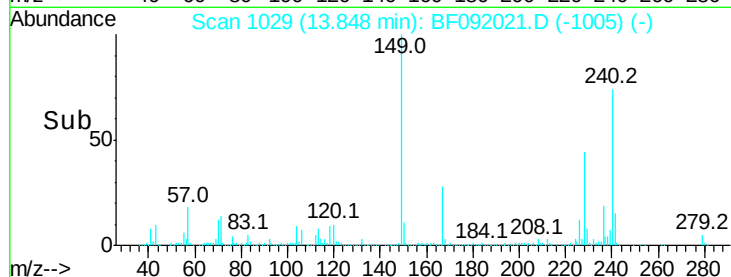
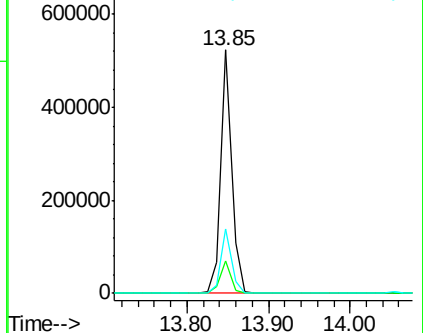
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.99 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

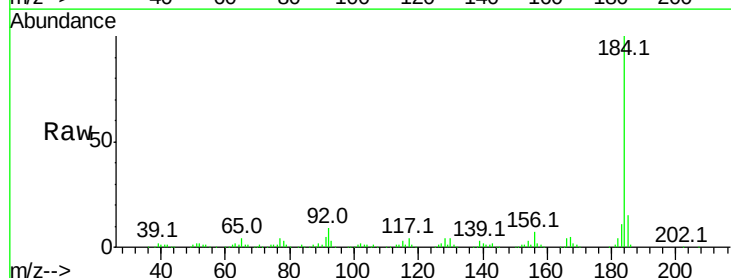
Tgt Ion:184 Resp: 337767

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

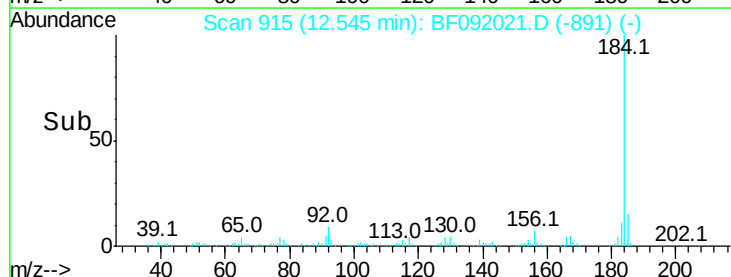
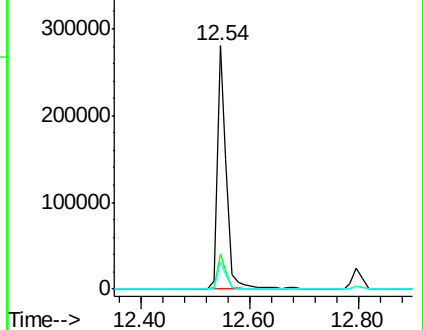
183 11.2 9.2 13.8

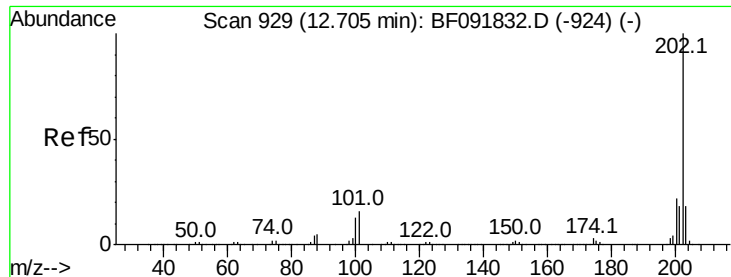


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

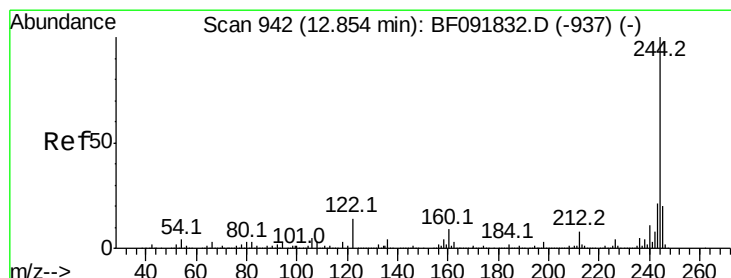
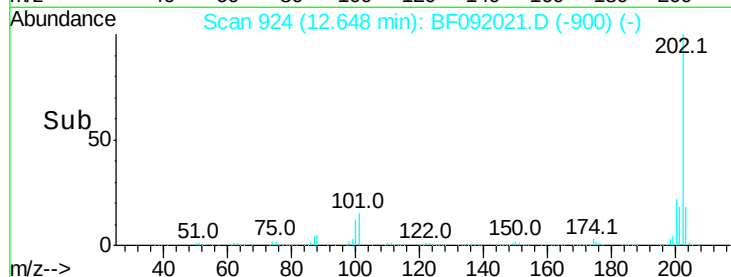
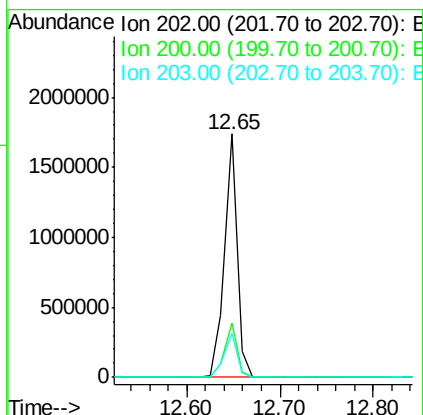
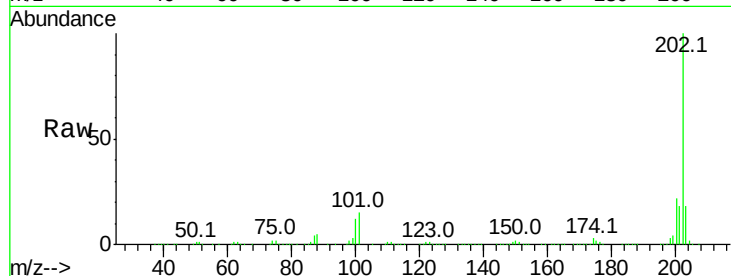




#77
Pvrene
Concen: 45.87 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

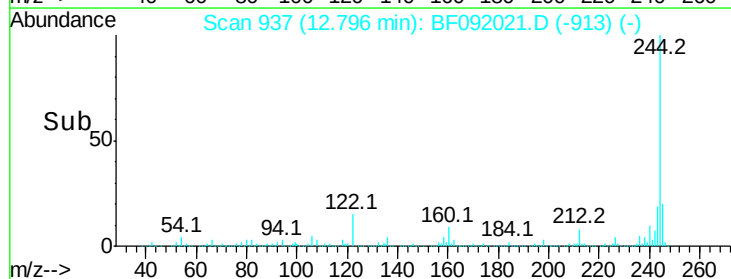
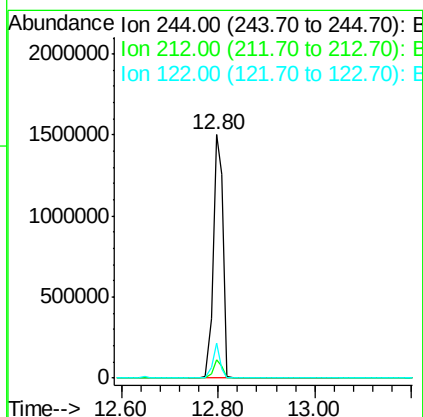
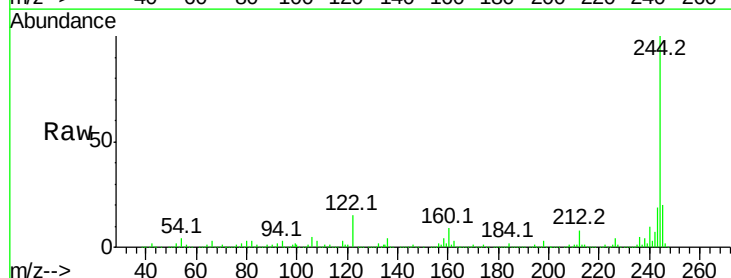
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

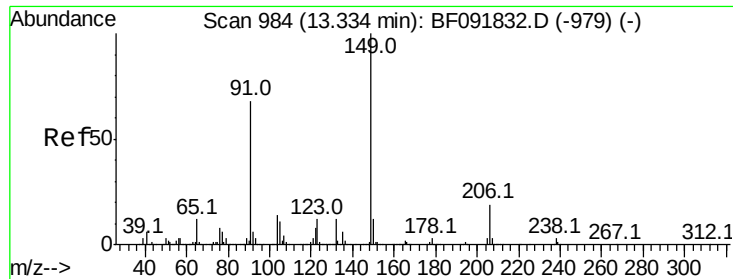
Tot Ion:202 Resp: 1642047
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.3 14.7 22.1



#78
Terphenyl-d14
Concen: 108.40 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:244 Resp: 2180892
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.6 11.4 17.2

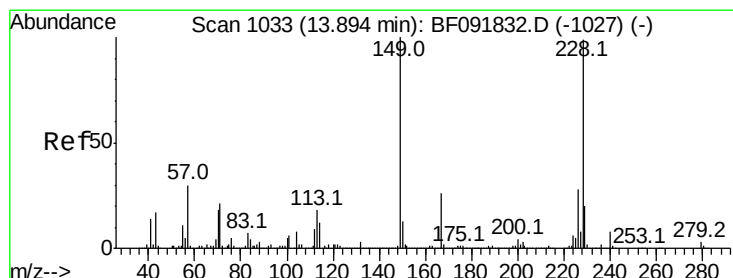
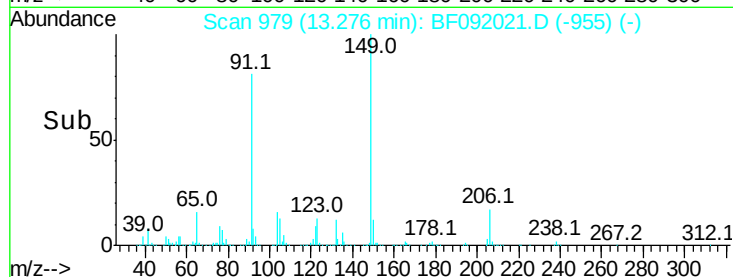
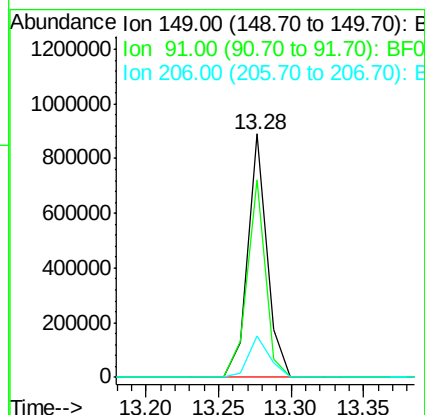
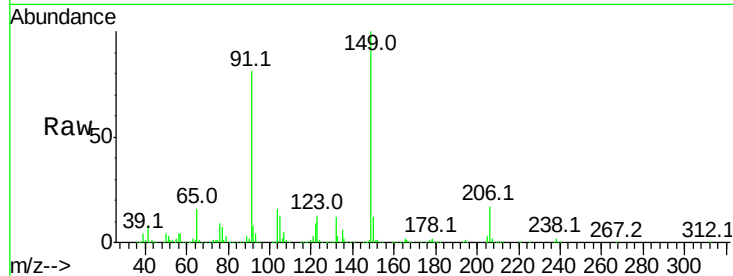




#79
Butylbenzylphthalate
Concen: 50.56 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

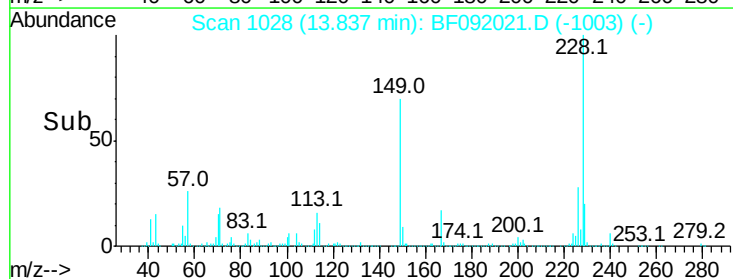
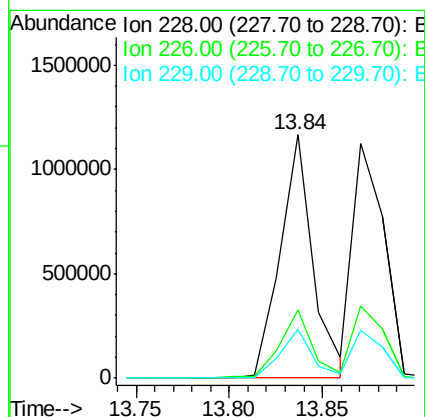
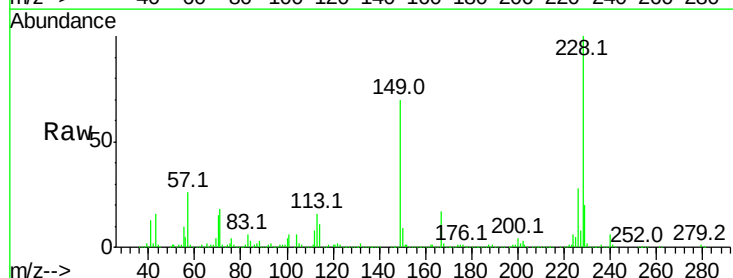
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

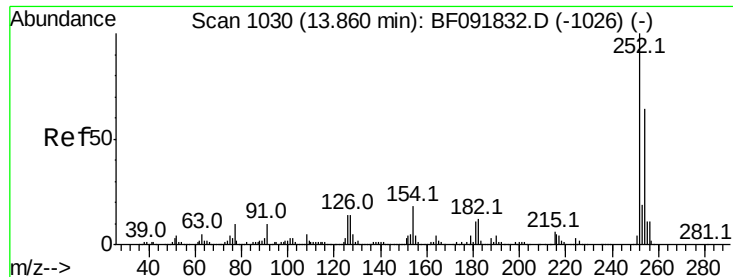
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.0	63.9	95.9
206	16.8	14.6	21.8



#80
Benzo(a)anthracene
Concen: 51.72 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.1	16.2	24.4

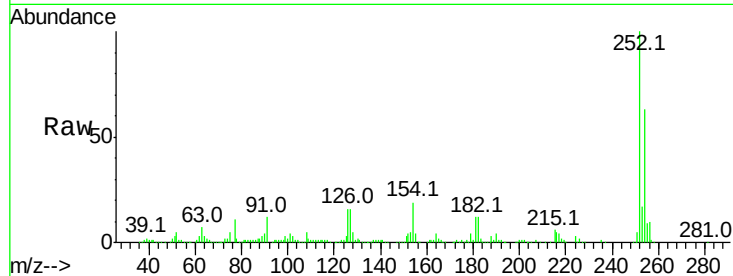




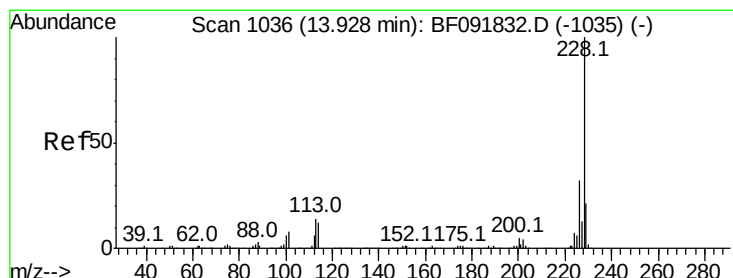
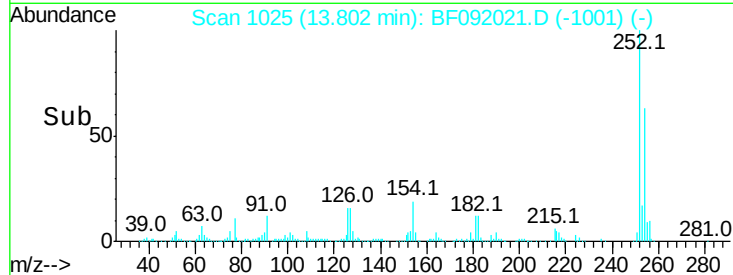
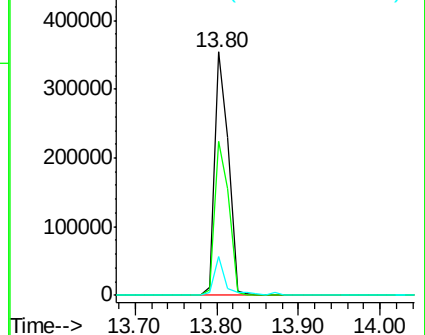
#81
 3,3'-Dichlorobenzidine
 Concen: 40.07 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	16.0	13.6	20.4

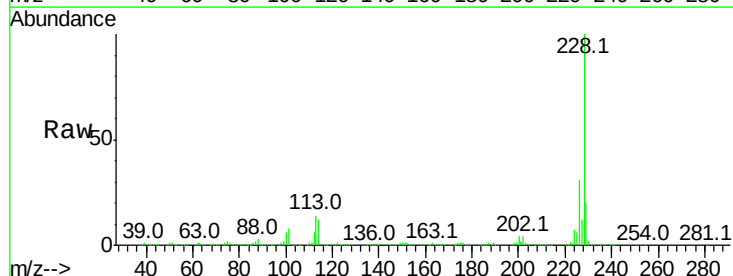


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

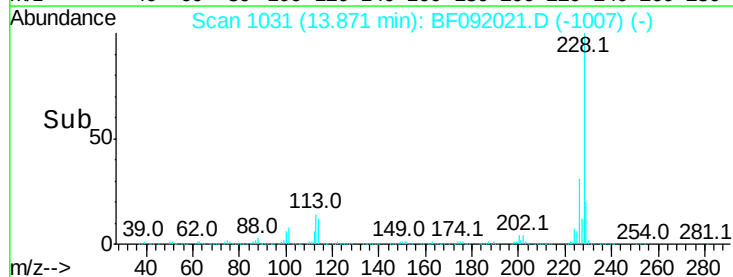
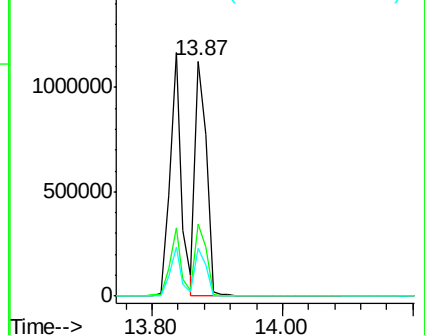


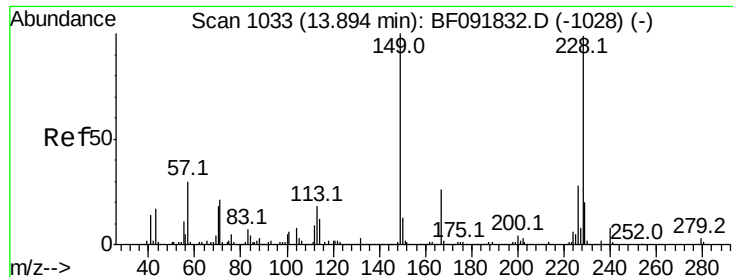
#82
 Chrysene
 Concen: 48.52 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.4	16.2	24.2



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

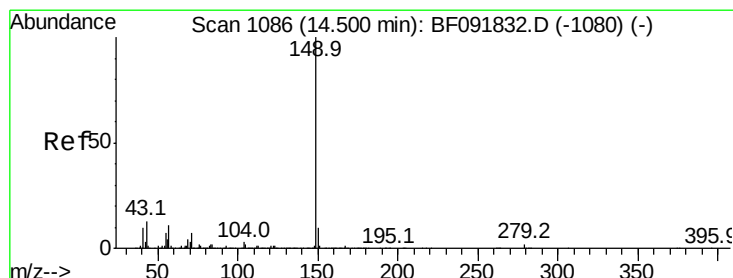
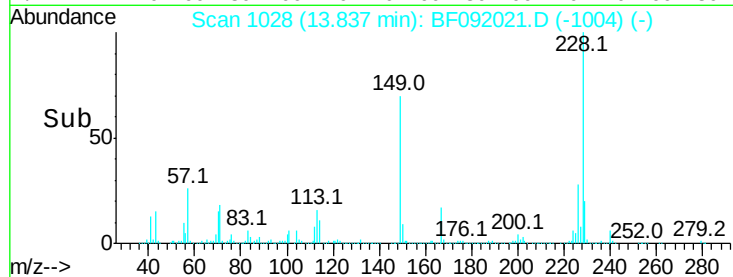
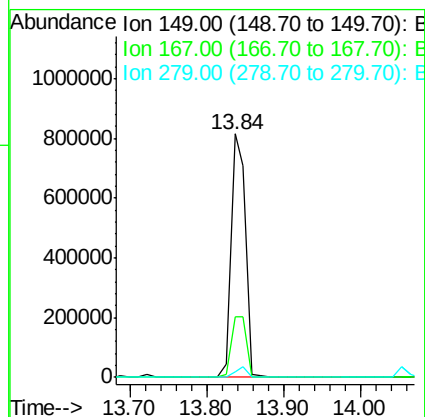
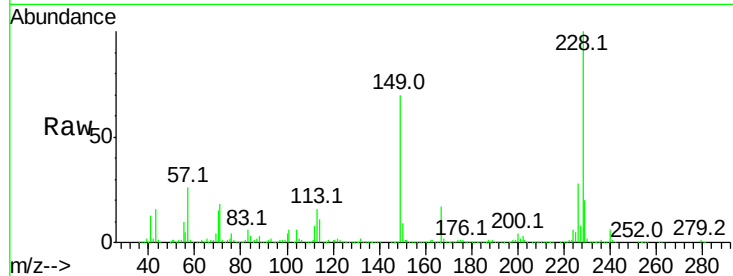




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.11 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

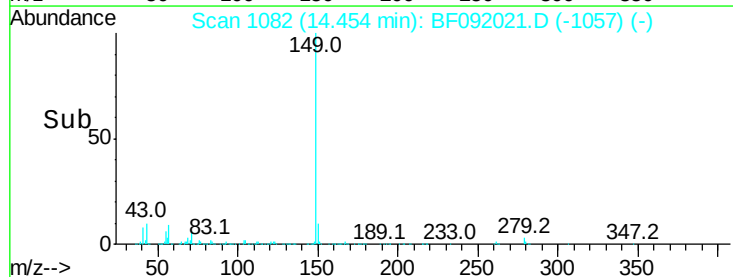
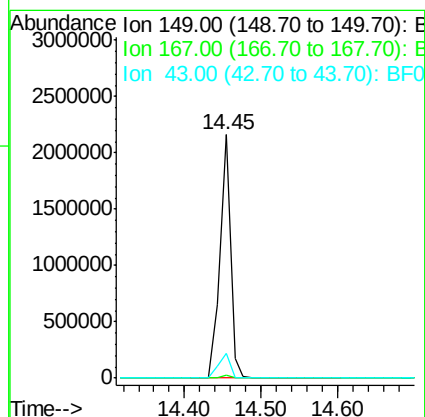
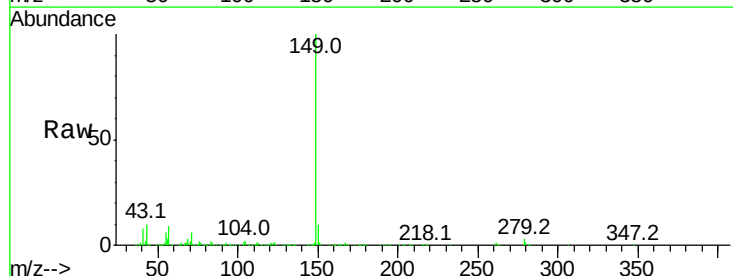
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

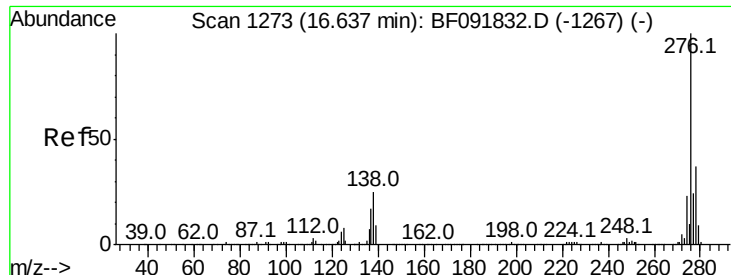
Tot Ion:149 Resp: 1095159
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 58.42 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 2075275
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.0 8.9 13.3



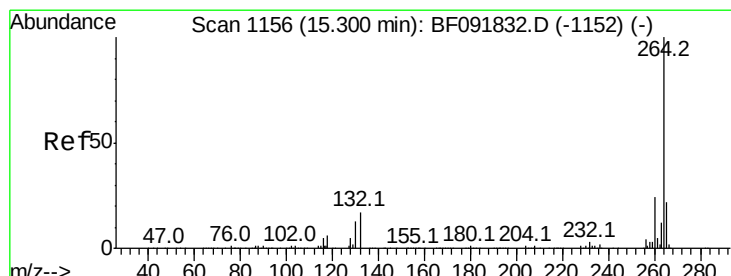
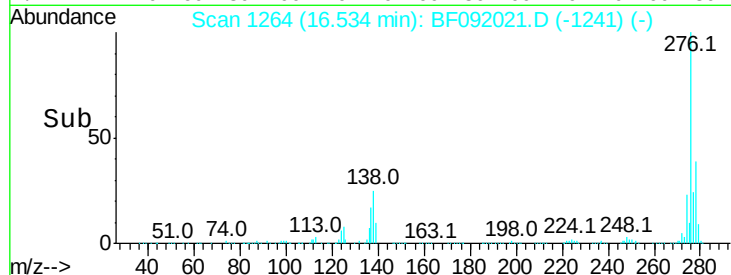
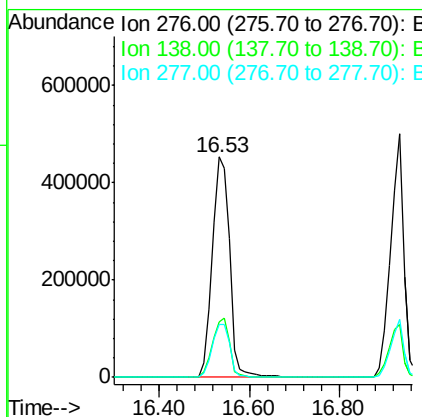
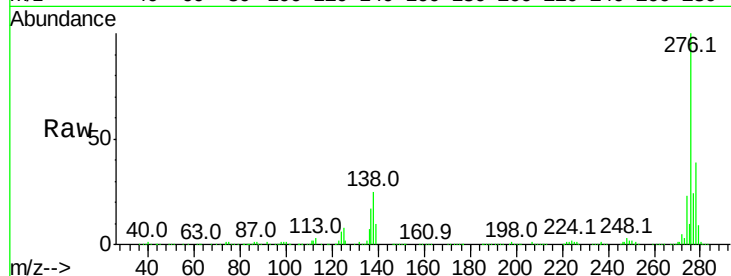


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.25 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:276 Resp: 1226639

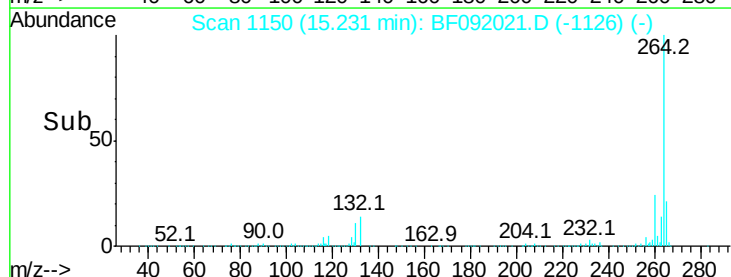
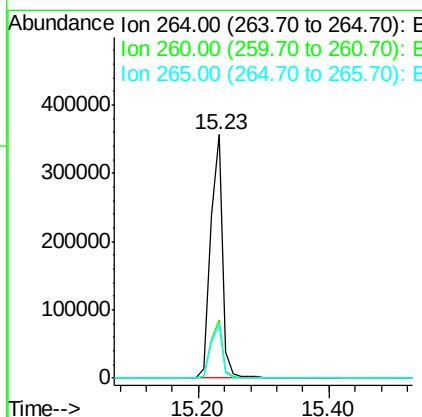
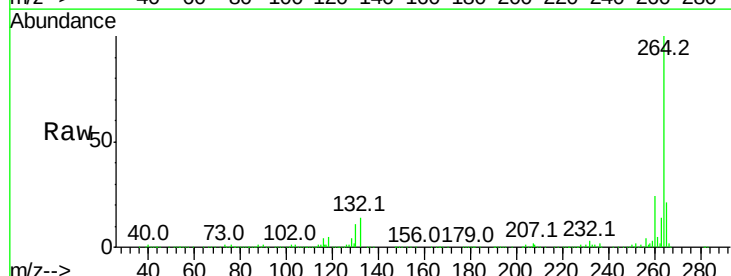
Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	24.8	20.2	30.4

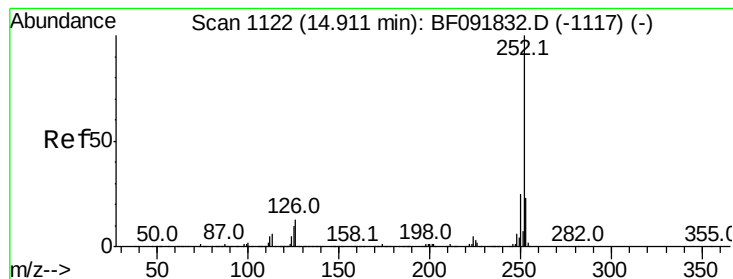


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF092021.D
 Acq: 29 Dec 2016 13:26

Tgt Ion:264 Resp: 458140

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 94.70 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

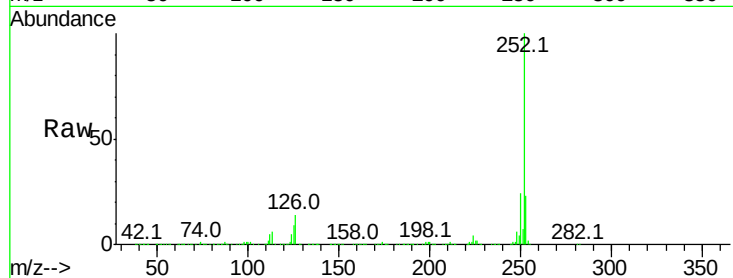
Tot Ion:252 Resp: 2701227

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

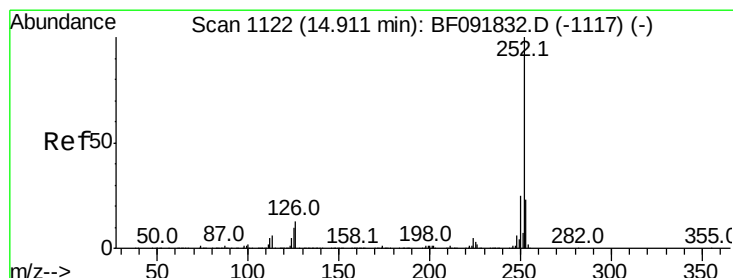
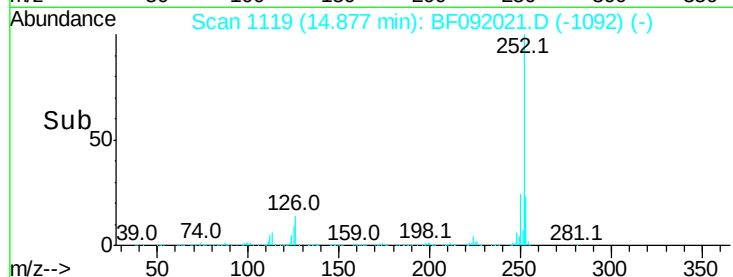
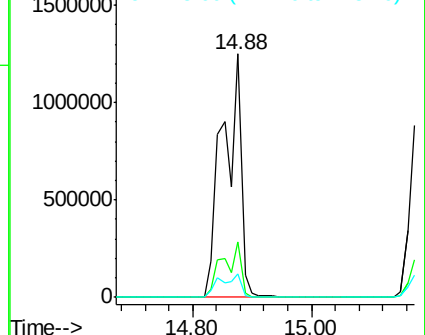
125 9.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 111.06 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

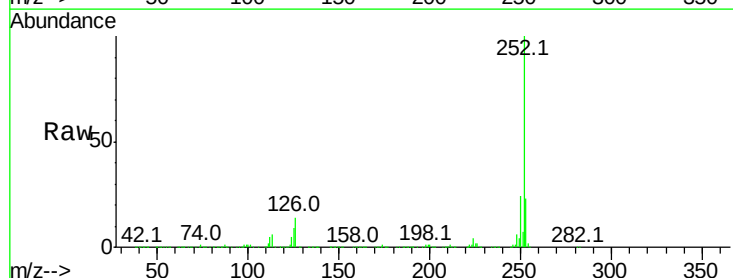
Tgt Ion:252 Resp: 2701227

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

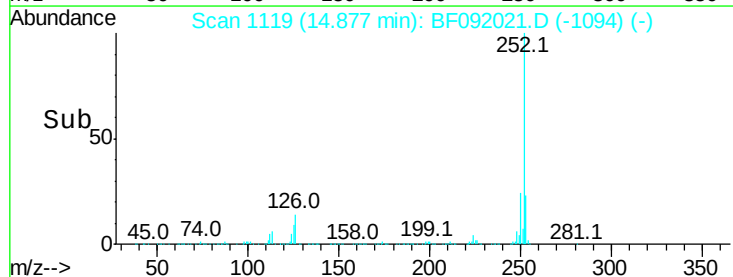
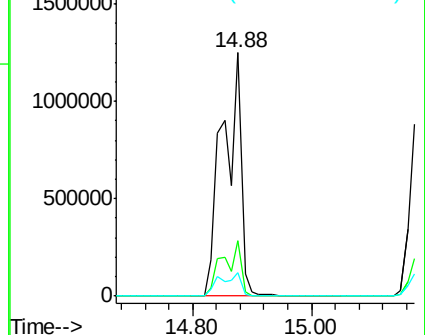
125 9.4 8.9 13.3

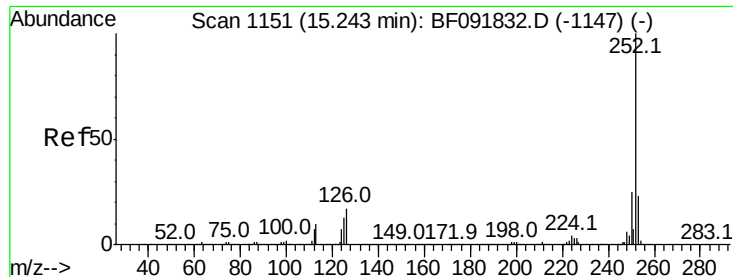


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

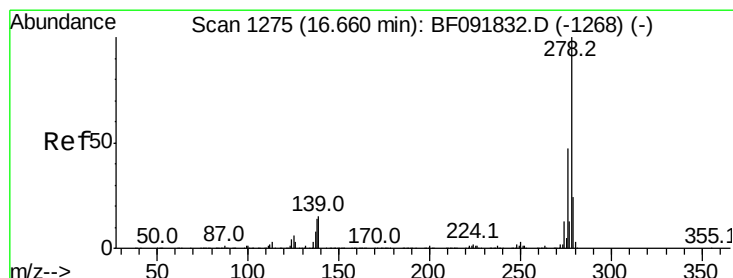
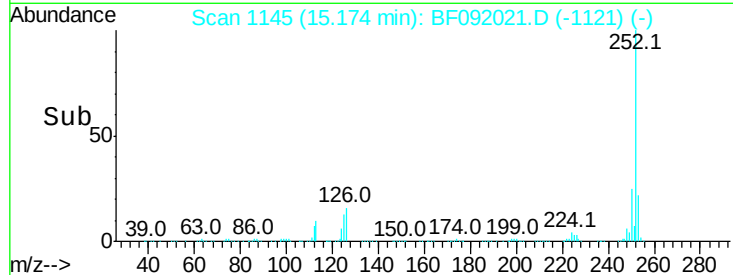
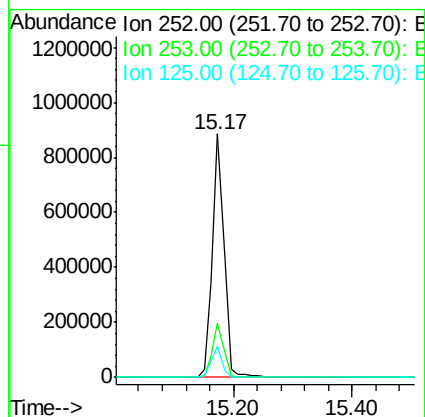
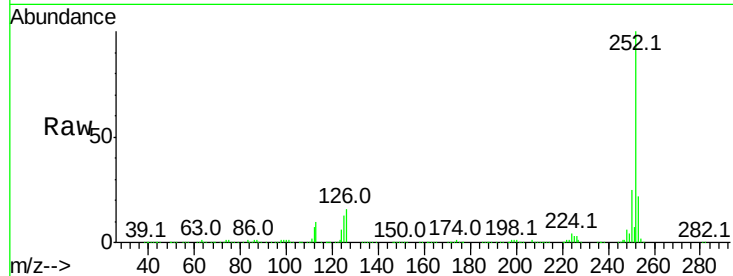




#89
Benzo(a)pyrene
Concen: 47.52 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

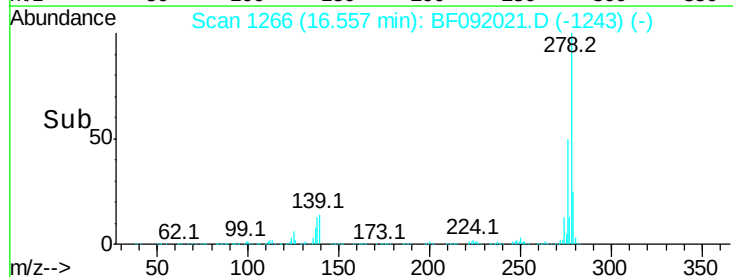
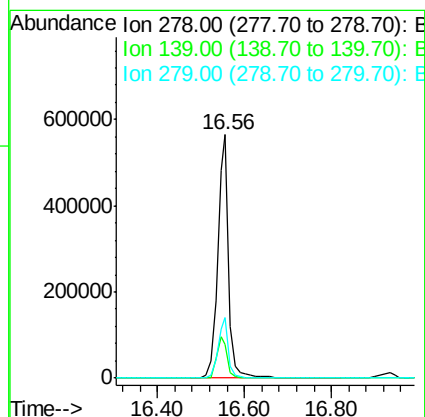
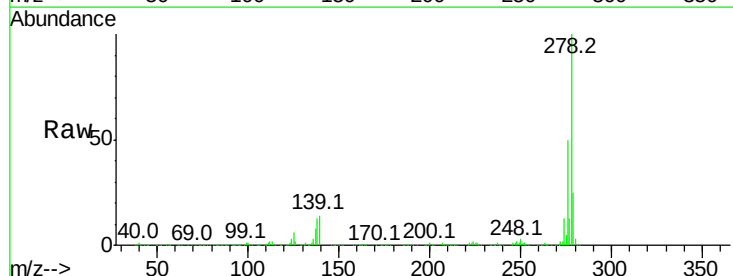
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

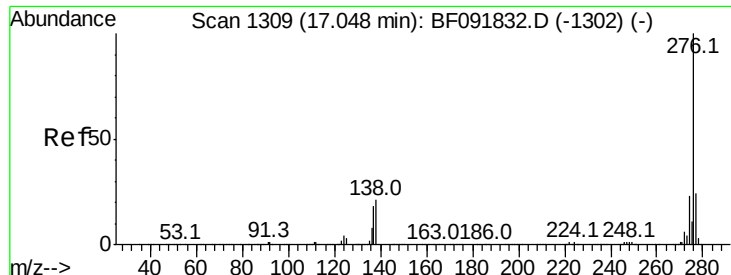
Tot Ion:252 Resp: 1203109
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 48.85 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:278 Resp: 1016406
Ion Ratio Lower Upper
278 100
139 14.1 14.8 22.2#
279 24.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 48.24 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF092021.D

Acq: 29 Dec 2016 13:26

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

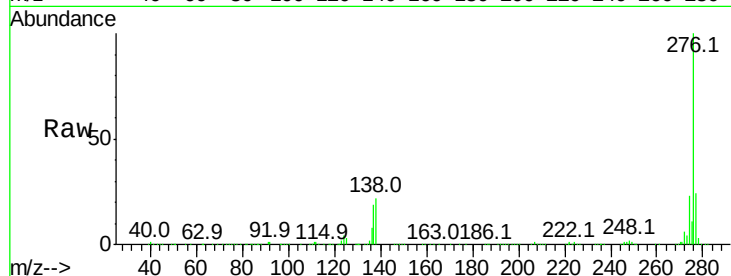
Tot Ion:276 Resp: 1043733

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.6 16.0 24.0



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

