

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092020.D
 Acq On : 29 Dec 2016 12:58
 Operator : UM/SJ
 Sample : H6278-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Quant Time: Dec 29 14:42:01 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	229035	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	967915	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	510069	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	1062793	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	647935	20.00	ng	-0.02
86) Perylene-d12	15.23	264	700081	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1011516	73.74	ng	-0.02
7) Phenol-d6	6.36	99	858871	51.29	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1600767	91.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	644825	152.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2690139	112.19	ng	-0.02
78) Terphenyl-d14	12.81	244	3023318	113.17	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	142279	21.07	ng	# 95
3) Pyridine	2.90	79	275284	11.68	ng	99
4) n-Nitrosodimethylamine	2.82	42	153466	17.26	ng	97
6) Aniline	6.36	93	555558	25.54	ng	# 53
8) 2-Chlorophenol	6.49	128	668040	42.81	ng	92
9) Benzaldehyde	6.24	77	98181	7.83	ng	96
10) Phenol	6.37	94	368176	19.29	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	792759	52.21	ng	97
12) 1,3-Dichlorobenzene	6.64	146	727959	43.70	ng	98
13) 1,4-Dichlorobenzene	6.70	146	673039	39.70	ng	99
14) 1,2-Dichlorobenzene	6.86	146	659144	44.81	ng	99
15) Benzyl Alcohol	6.85	79	374639	28.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1062345	46.98	ng	# 39
17) 2-Methylphenol	6.98	107	410978	32.75	ng	# 87
18) Hexachloroethane	7.21	117	265407	42.23	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	617745	55.45	ng	# 88
20) 3+4-Methylphenols	7.14	107	510019	34.08	ng	# 72
22) Acetophenone	7.12	105	1145391	47.98	ng	# 89
24) Nitrobenzene	7.29	77	888078	47.90	ng	92
25) Isophorone	7.53	82	1553989	48.39	ng	97
26) 2-Nitrophenol	7.60	139	389336	42.58	ng	94
27) 2,4-Dimethylphenol	7.65	122	549601	36.24	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	1036528	53.23	ng	99
29) 2,4-Dichlorophenol	7.86	162	585654	45.61	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	638514	45.38	ng	97
31) Naphthalene	8.01	128	2055605	46.40	ng	99
32) Benzoic acid	7.76	122	117683	10.46	ng	98
33) 4-Chloroaniline	8.06	127	481304	24.10	ng	# 94
34) Hexachlorobutadiene	8.12	225	316001	42.55	ng	99
35) Caprolactam	8.44	113	28387	6.73	ng	# 54
36) 4-Chloro-3-methylphenol	8.56	107	589709	39.91	ng	99
37) 2-Methylnaphthalene	8.69	142	1315445	51.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	626444	48.61	ng	98
40) Hexachlorocyclopentadiene	8.85	237	515022	89.25	ng	98

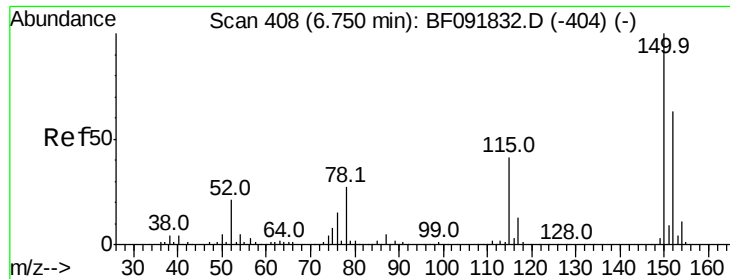
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	406357	45.09	nq	96
43) 2,4,5-Trichlorophenol	9.04	196	457263	49.30	nq	93
45) 1,1'-Biphenyl	9.16	154	1701877	48.73	nq	98
46) 2-Chloronaphthalene	9.18	162	1318346	47.67	nq	96
47) 2-Nitroaniline	9.29	65	431697	43.84	nq	99
48) Acenaphthylene	9.60	152	1855453	43.62	nq	100
49) Dimethylphthalate	9.47	163	1742110	53.40	nq	98
50) 2,6-Dinitrotoluene	9.54	165	397361	55.65	nq	# 82
51) Acenaphthene	9.77	154	1193999	41.40	nq	99
52) 3-Nitroaniline	9.70	138	225898	25.56	nq	99
53) 2,4-Dinitrophenol	9.81	184	292889	73.72	nq	# 80
54) Dibenzofuran	9.94	168	1620123	41.60	nq	98
55) 4-Nitrophenol	9.89	139	197395	32.90	nq	88
56) 2,4-Dinitrotoluene	9.94	165	466904	52.10	nq	# 88
57) Fluorene	10.28	166	1272957	44.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	354475	48.32	nq	99
59) Diethylphthalate	10.17	149	1527683	48.22	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	651533	52.52	nq	# 81
61) 4-Nitroaniline	10.32	138	350784	38.31	nq	97
62) Azobenzene	10.44	77	1915152	54.90	nq	88
64) 4,6-Dinitro-2-methylphenol	10.35	198	230029	35.79	nq	100
65) n-Nitrosodiphenylamine	10.41	169	1333811	42.29	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	417715	37.78	nq	95
67) Hexachlorobenzene	10.83	284	457425	38.71	nq	95
68) Atrazine	10.93	200	395596	38.89	nq	97
69) Pentachlorophenol	11.04	266	468423	80.79	nq	99
70) Phenanthrene	11.24	178	2530412	43.91	nq	99
71) Anthracene	11.29	178	2417699	48.67	nq	100
72) Carbazole	11.45	167	2346303	54.71	nq	100
73) Di-n-butylphthalate	11.79	149	3092978	57.81	nq	99
74) Fluoranthene	12.42	202	2529462	50.50	nq	99
76) Benzidine	12.55	184	482612	26.24	nq	96
77) Pyrene	12.65	202	2358944	49.62	nq	99
79) Butylbenzylphthalate	13.28	149	1220035	56.43	nq	99
80) Benzo(a)anthracene	13.84	228	2009588	54.95	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	636552	45.90	nq	# 94
82) Chrysene	13.88	228	2081520	56.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1541208	60.53	nq	# 94
84) Di-n-octyl phthalate	14.45	149	2903960	61.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.55	276	1874655	58.98	nq	97
87) Benzo(b)fluoranthene	14.88	252	3818786	87.61	nq	99
88) Benzo(k)fluoranthene	14.88	252	3819579	102.77	nq	99
89) Benzo(a)pyrene	15.17	252	1812123	46.84	nq	98
90) Dibenzo(a,h)anthracene	16.56	278	1511956	47.55	nq	99
91) Benzo(g,h,i)perylene	16.93	276	1614007	48.82	nq	# 94

(#) = 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: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

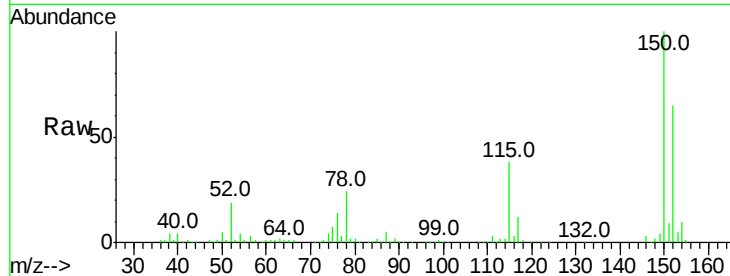
Tot Ion:152 Resp: 229035

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

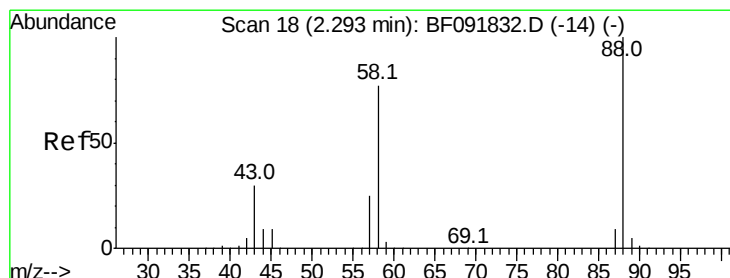
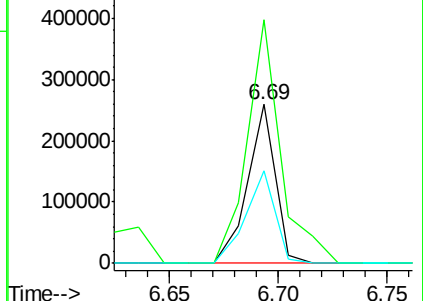
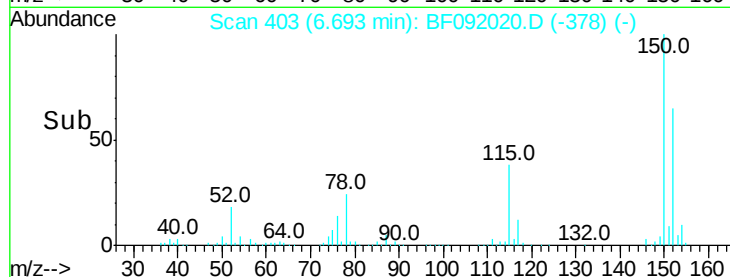
115 58.2 46.0 69.0



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



#2

1,4-Dioxane

Concen: 21.07 ng

RT: 2.20 min Scan# 10

Delta R.T. 0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

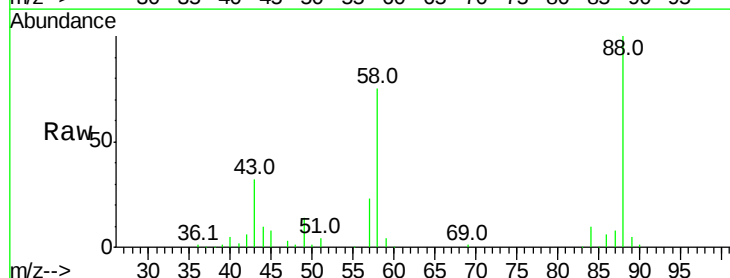
Tgt Ion: 88 Resp: 142279

Ion Ratio Lower Upper

88 100

58 70.6 57.8 86.8

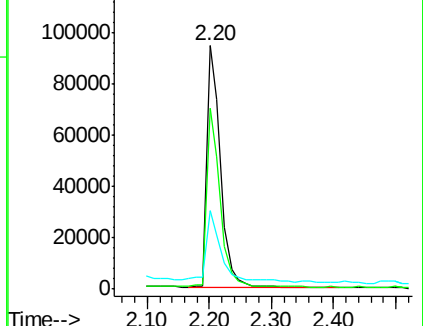
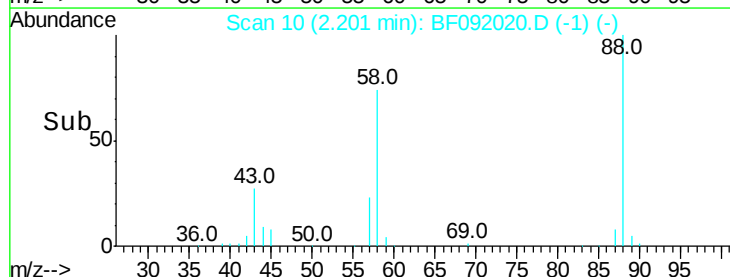
43 35.2 22.3 33.5#

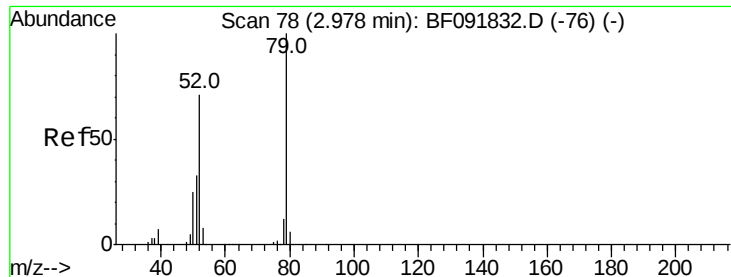


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

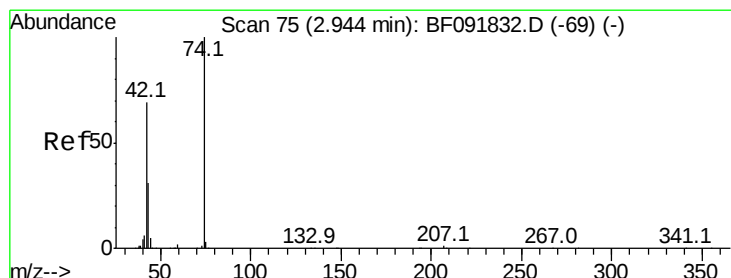
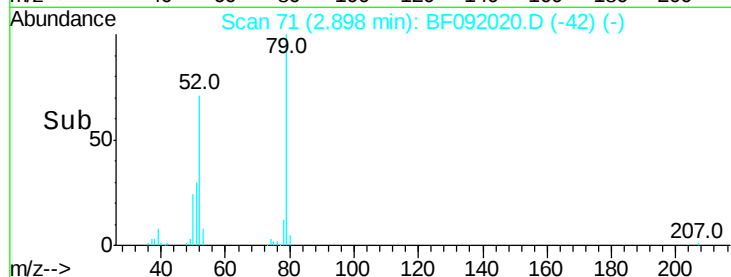
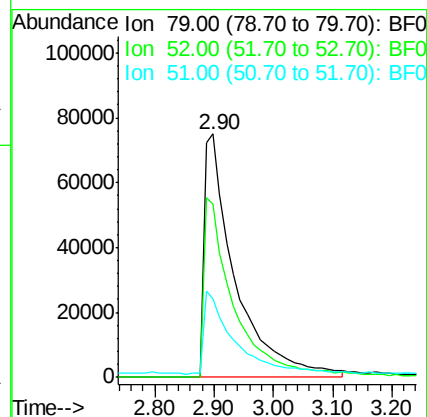
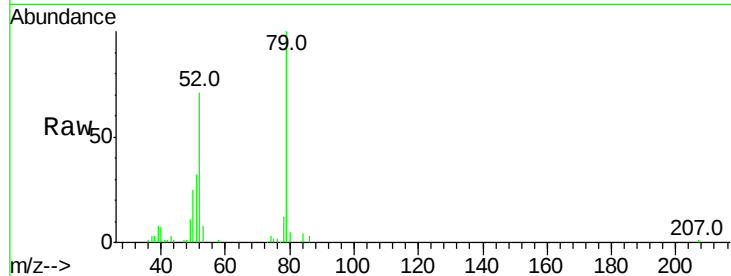




#3
 Pvridine
 Concen: 11.68 ng
 RT: 2.90 min Scan# 71
 Delta R.T. 0.03 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

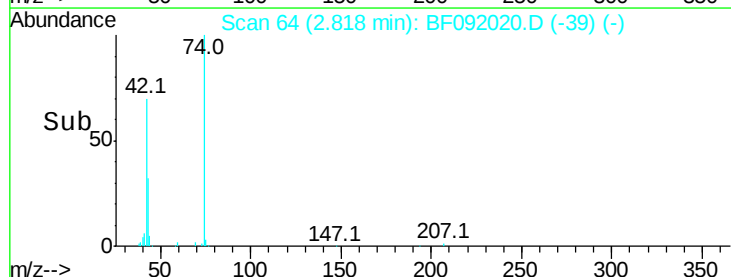
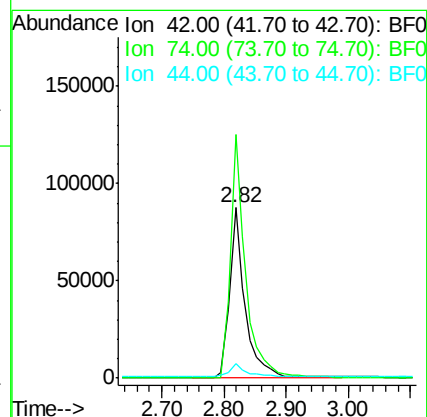
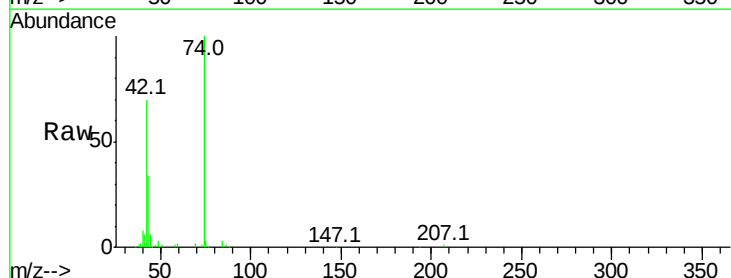
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

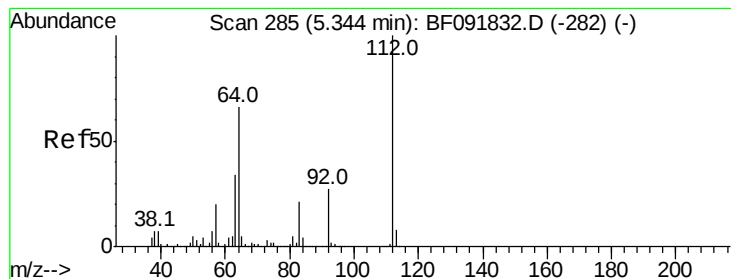
Tot Ion: 79 Resp: 275284
 Ion Ratio Lower Upper
 79 100
 52 70.9 57.1 85.7
 51 32.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 17.26 ng
 RT: 2.82 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion: 42 Resp: 153466
 Ion Ratio Lower Upper
 42 100
 74 142.9 117.0 175.4
 44 8.2 5.5 8.3





#5

2-Fluorophenol

Concen: 73.74 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

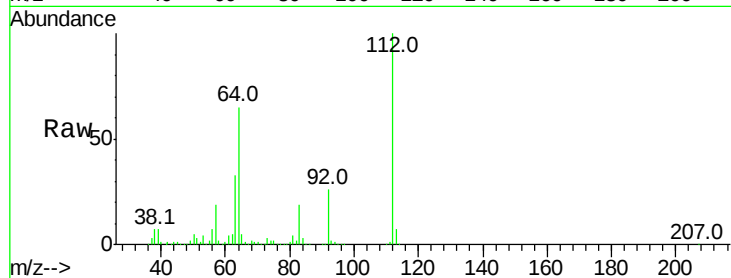
Tot Ion:112 Resp: 1011516

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

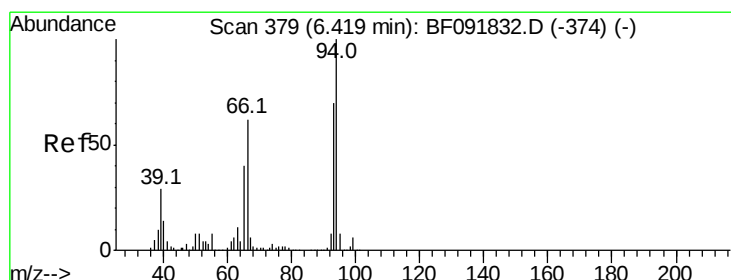
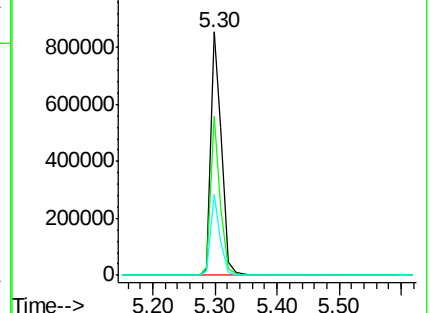
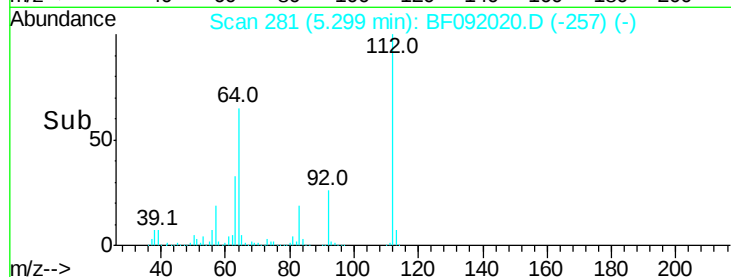
63 33.1 23.8 35.6



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: 25.54 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

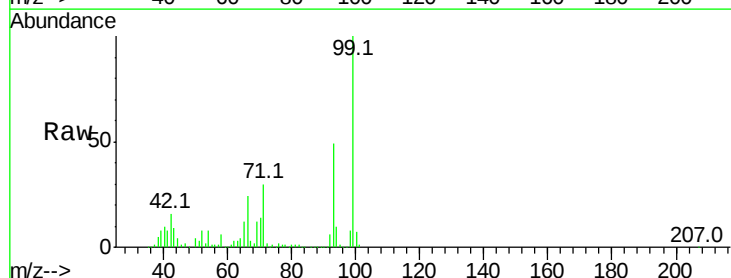
Tgt Ion: 93 Resp: 555558

Ion Ratio Lower Upper

93 100

66 50.5 76.2 114.2#

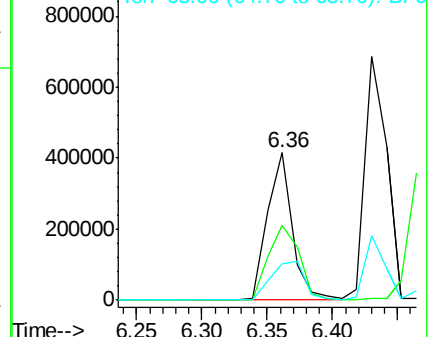
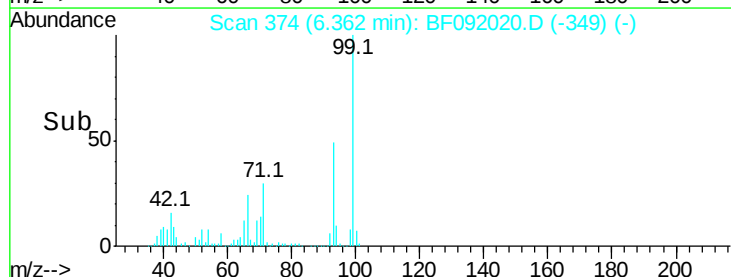
65 24.5 49.3 73.9#

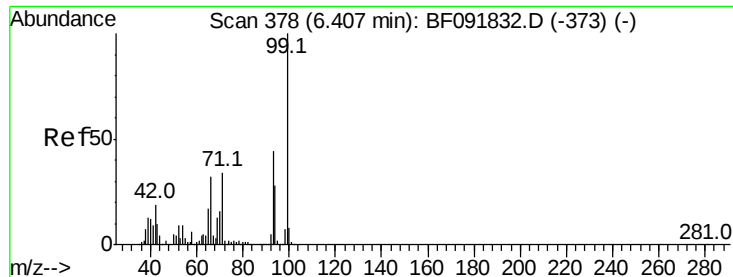


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 51.29 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

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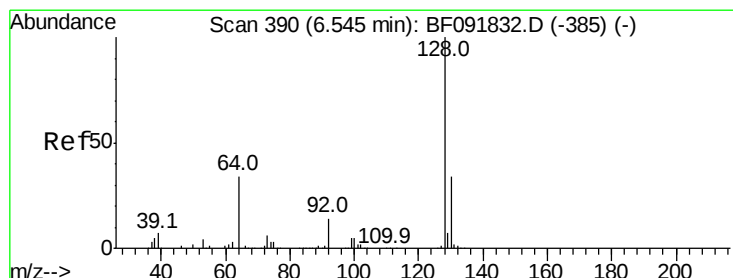
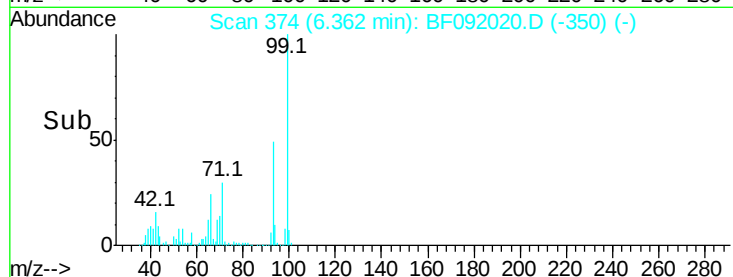
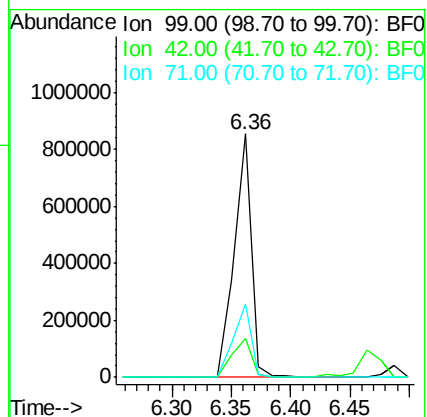
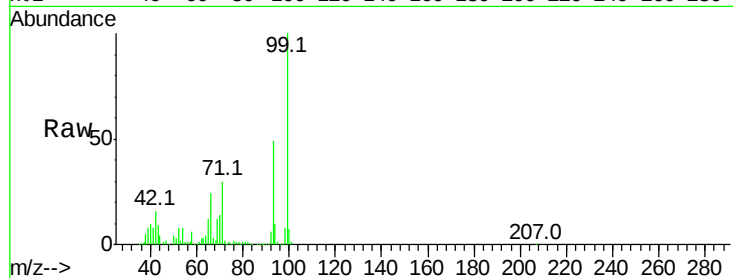
Tot Ion: 99 Resp: 858871

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 30.1 27.5 41.3



#8

2-Chlorophenol

Concen: 42.81 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

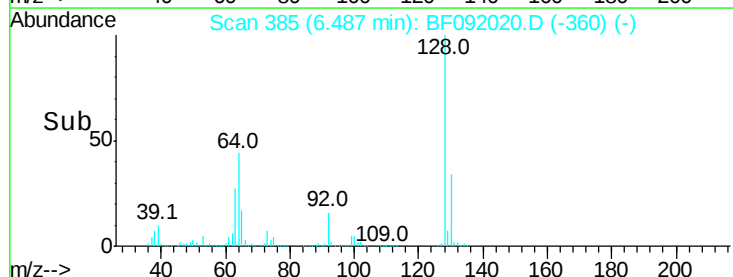
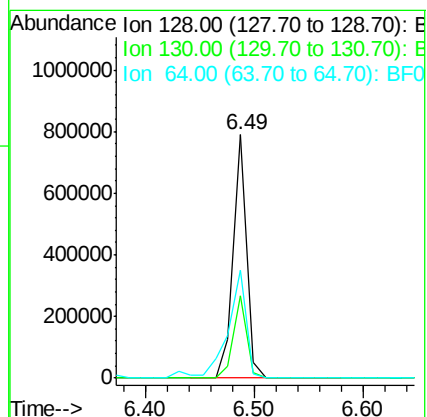
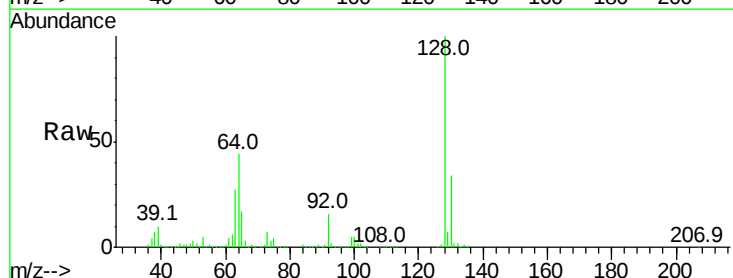
Tgt Ion:128 Resp: 668040

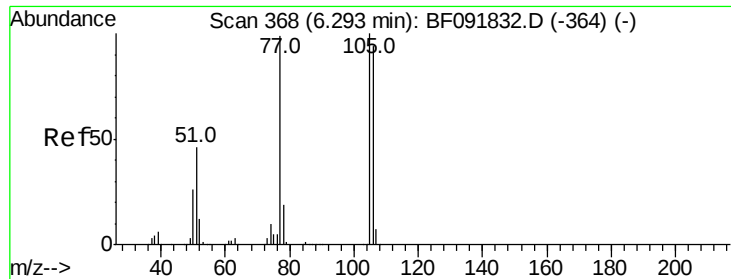
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 44.5 32.2 72.2





#9

Benzaldehyde

Concen: 7.83 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

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ClientSampleId :

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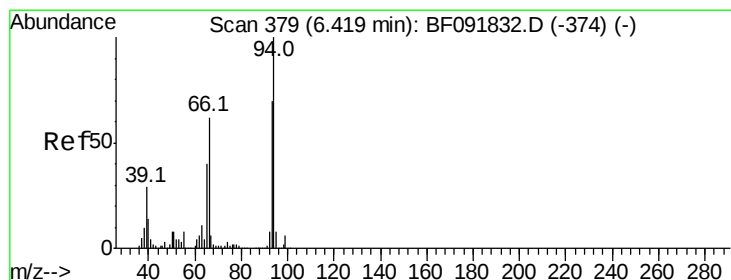
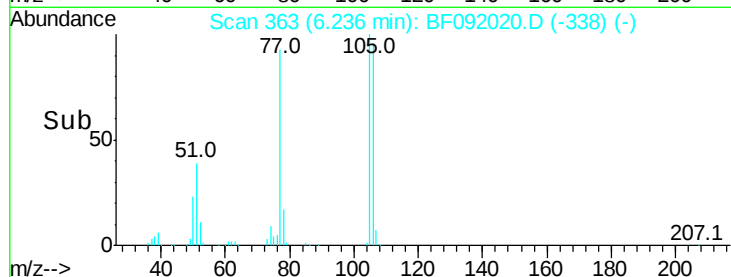
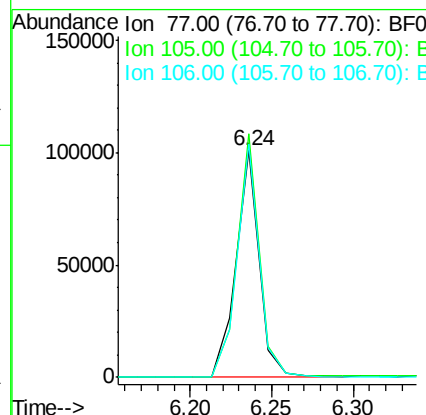
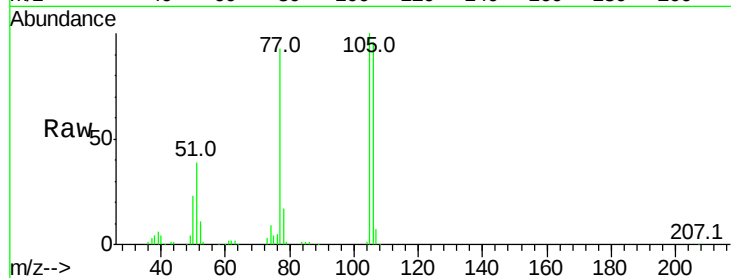
Tot Ion: 77 Resp: 98181

Ion Ratio Lower Upper

77 100

105 107.3 83.9 123.9

106 102.9 77.6 117.6



#10

Phenol

Concen: 19.29 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

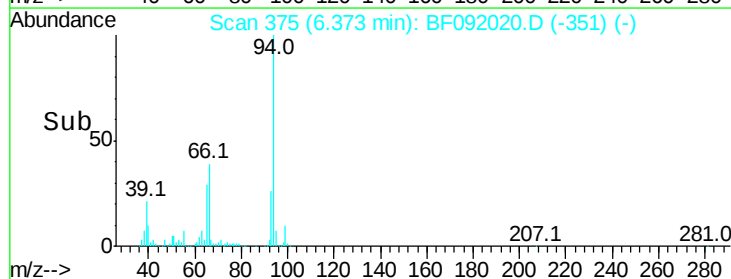
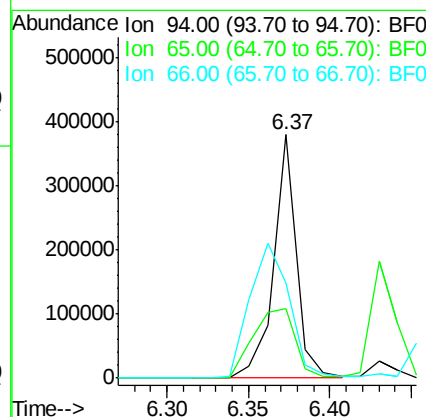
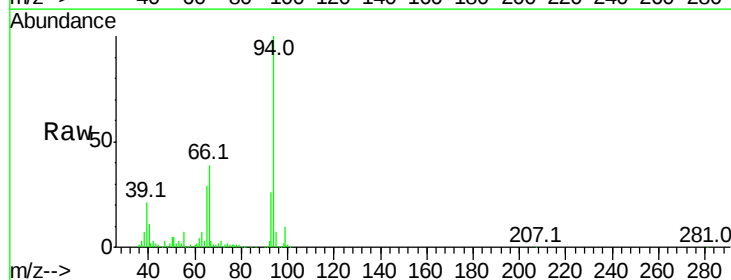
Tgt Ion: 94 Resp: 368176

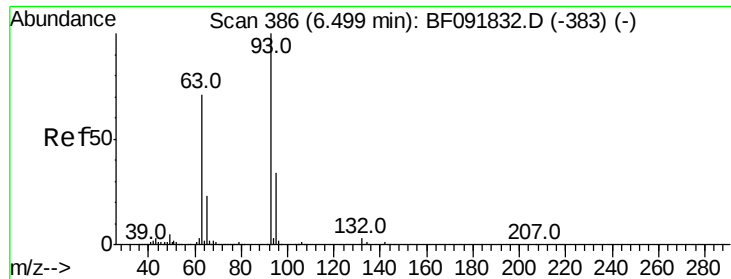
Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

66 39.0 44.0 84.0#

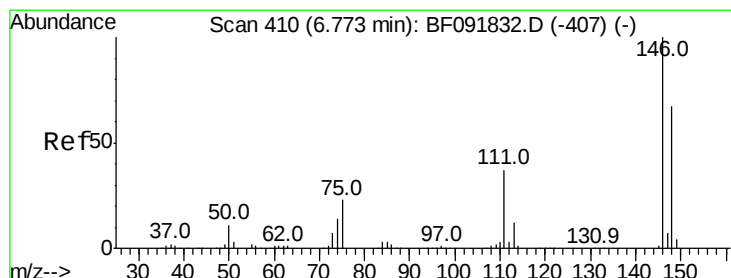
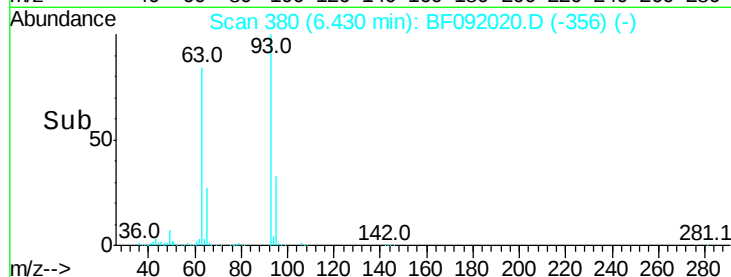
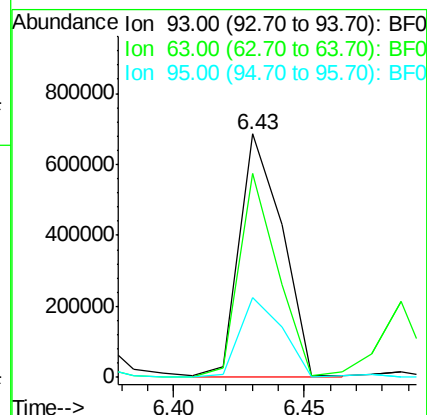
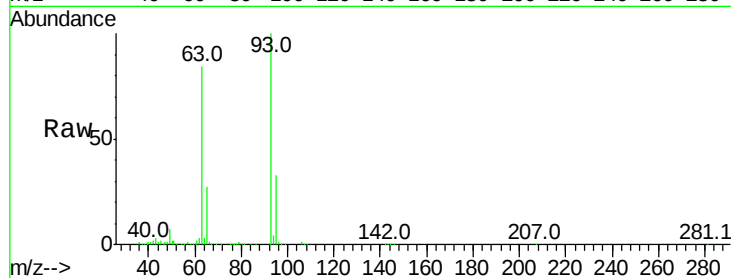




#11
bis(2-Chloroethyl)ether
Concen: 52.21 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

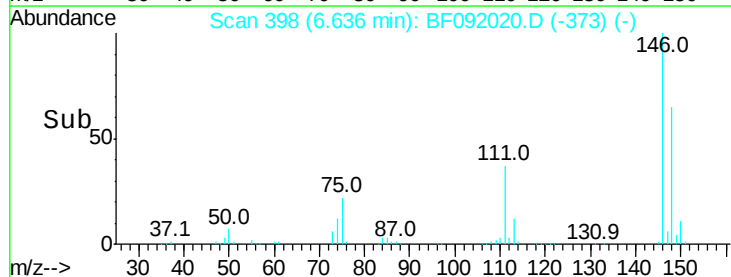
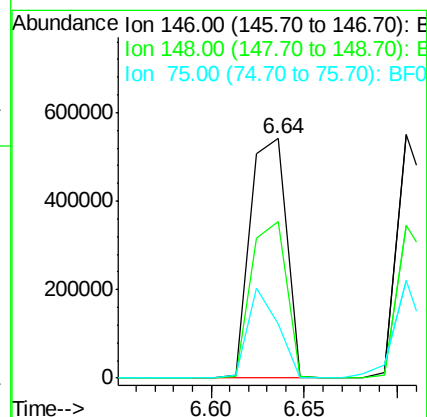
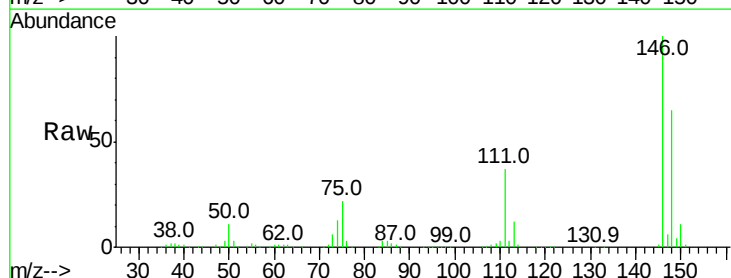
Instrument :
BNA_F
ClientSampleId :
MW-01MS

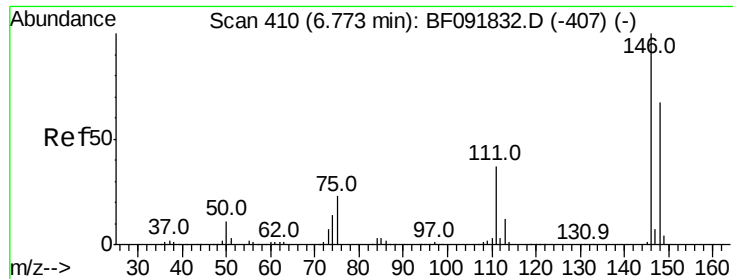
Tot Ion: 93 Resp: 792759
Ion Ratio Lower Upper
93 100
63 83.7 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.70 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion: 146 Resp: 727959
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 22.5 18.5 27.7

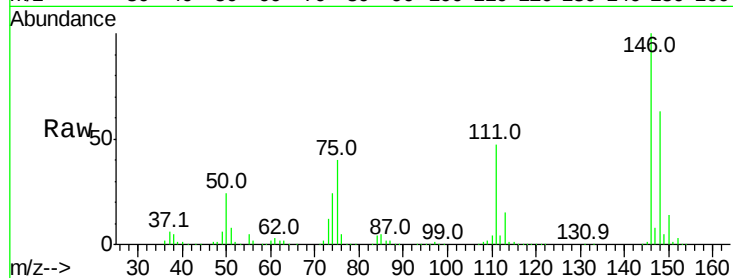




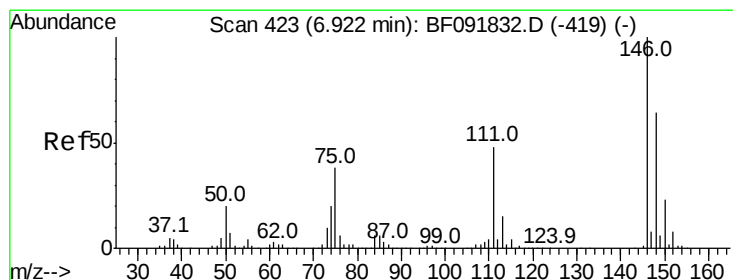
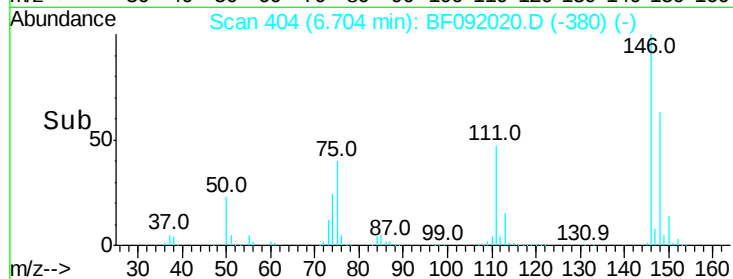
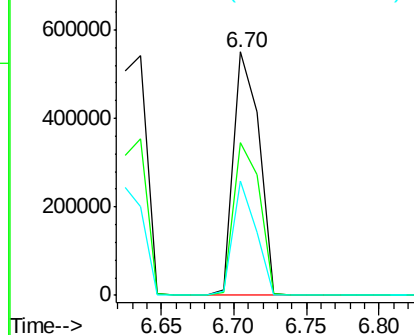
#13
 1,4-Dichlorobenzene
 Concen: 39.70 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion:146 Resp: 673039
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 76.0
 111 46.9 36.2 54.4

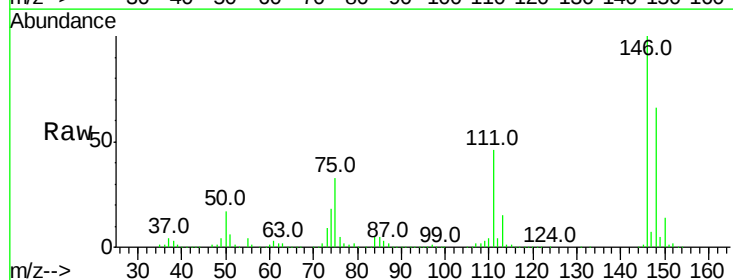


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

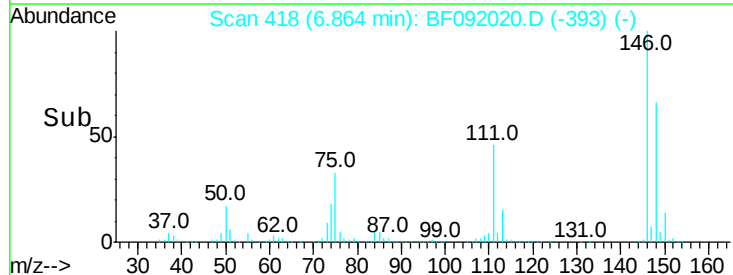
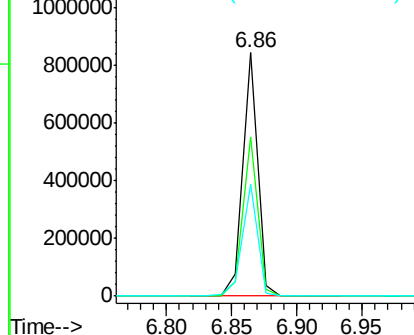


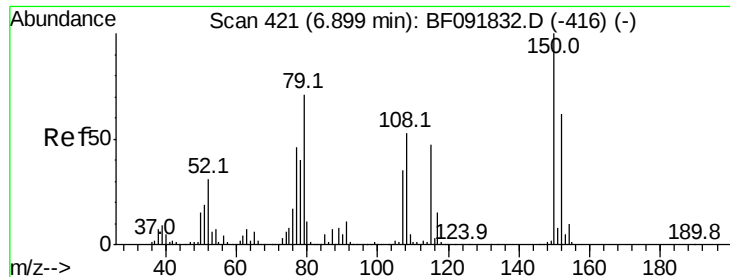
#14
 1,2-Dichlorobenzene
 Concen: 44.81 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:146 Resp: 659144
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 45.8 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: 28.79 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

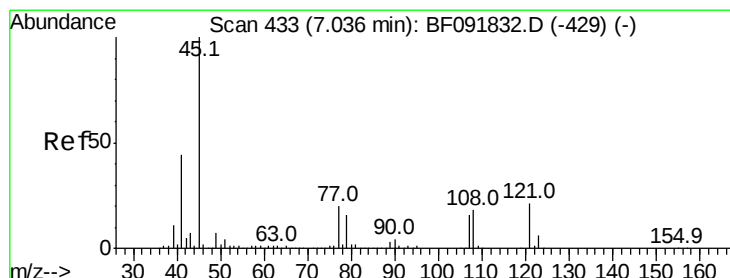
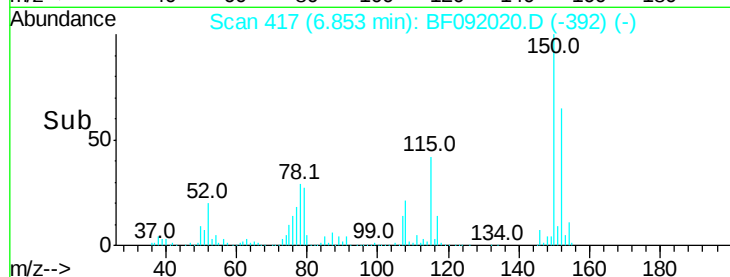
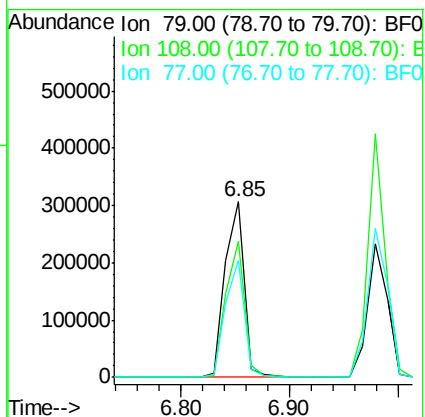
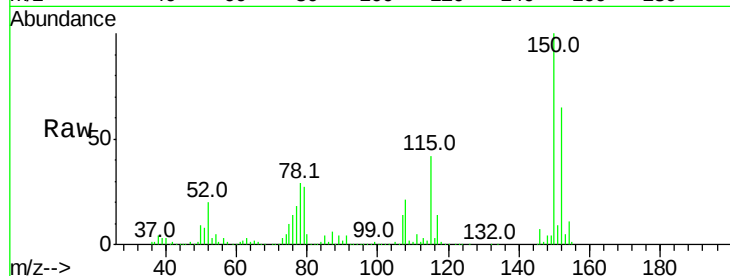
Tot Ion: 79 Resp: 374639

Ion Ratio Lower Upper

79 100

108 78.0 61.4 92.0

77 66.4 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.98 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

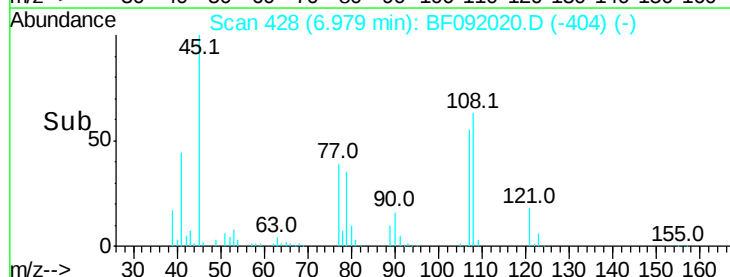
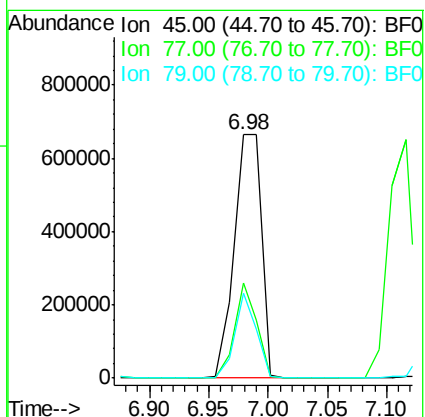
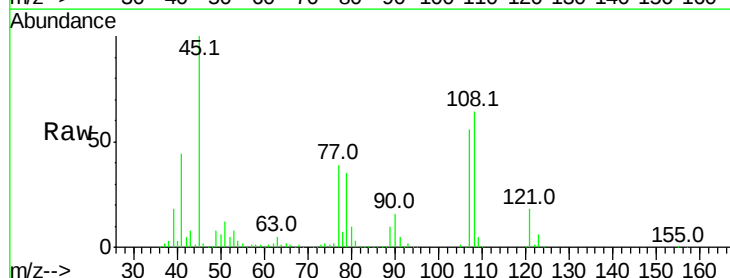
Tgt Ion: 45 Resp: 1062345

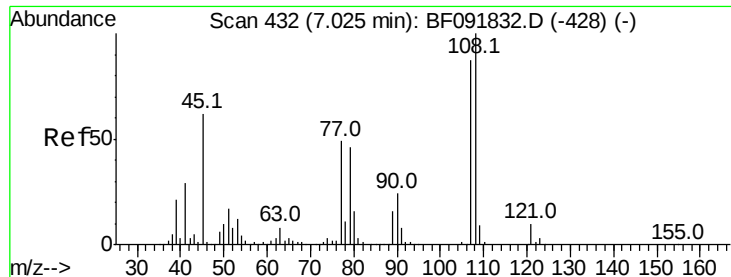
Ion Ratio Lower Upper

45 100

77 39.1 0.0 34.6#

79 35.1 0.0 31.2#

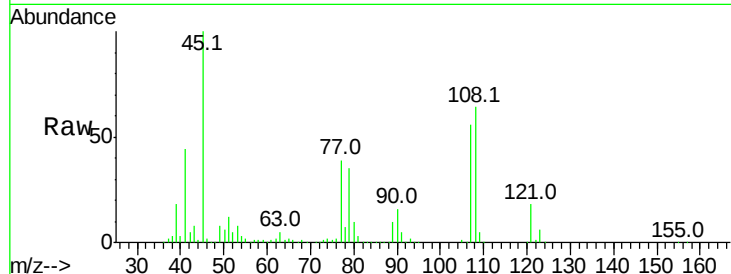




#17
2-Methylphenol
Concen: 32.75 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampled :
MW-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.6
77	70.2	39.8	59.8
79	62.9	38.0	57.0



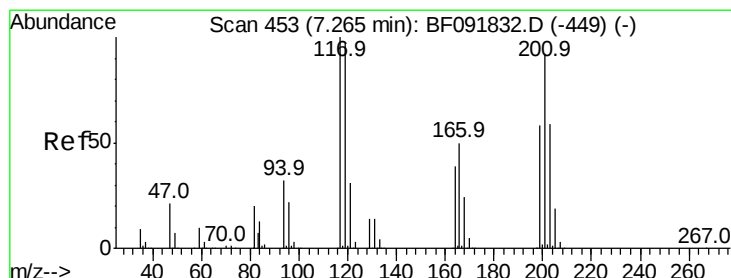
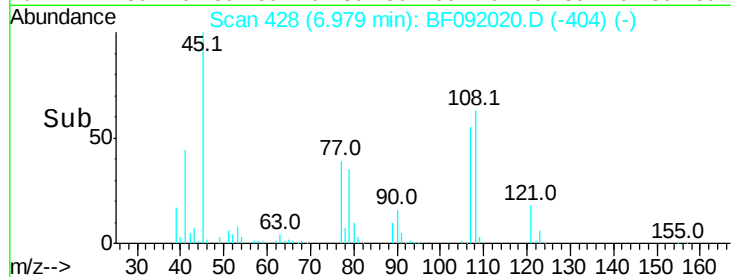
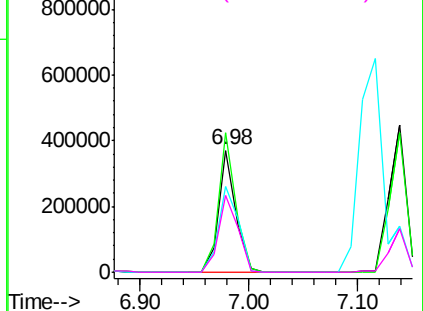
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

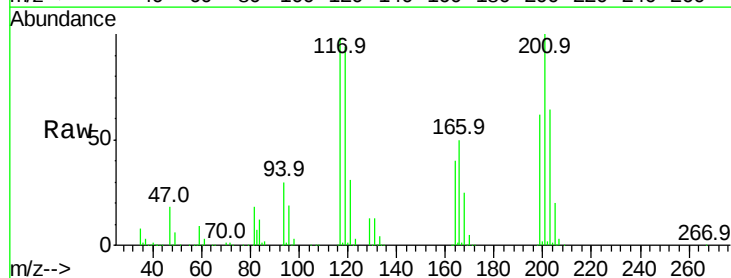
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.23 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.1	117.1
201	101.9	78.6	117.8

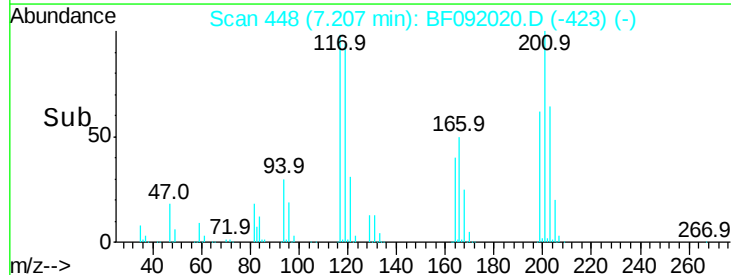
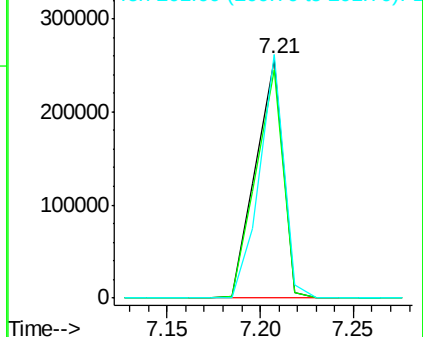


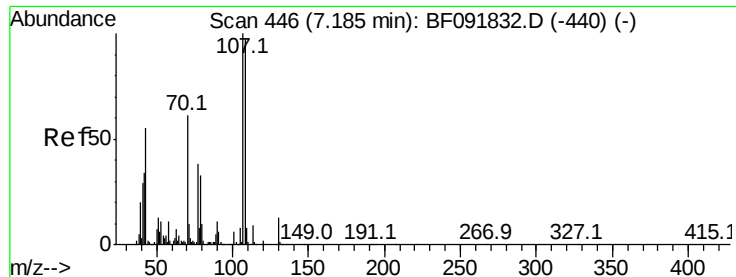
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

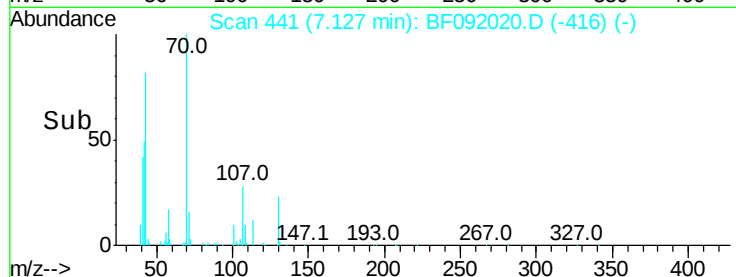
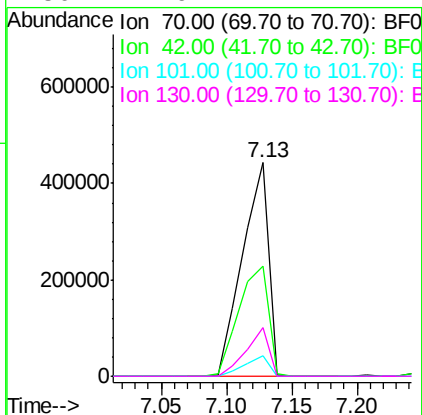
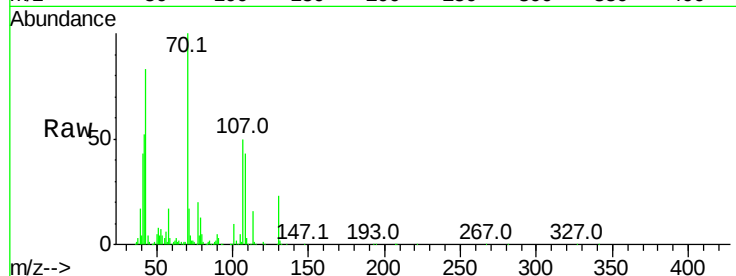




#19
n-Nitroso-di-n-propylamine
Concen: 55.45 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

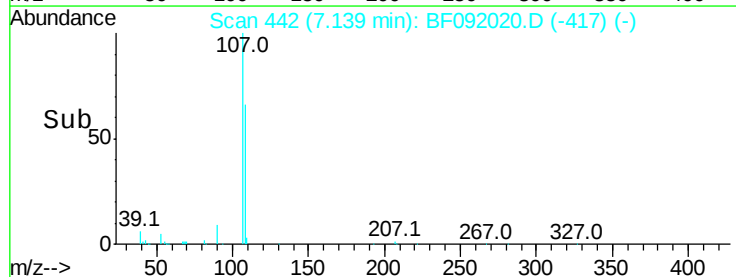
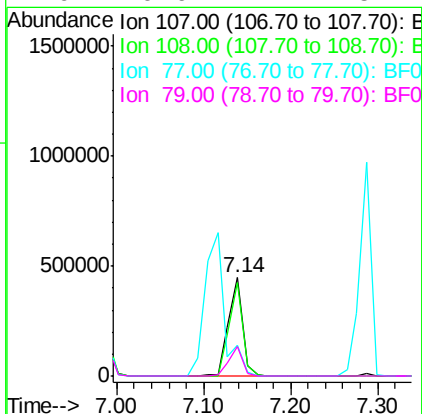
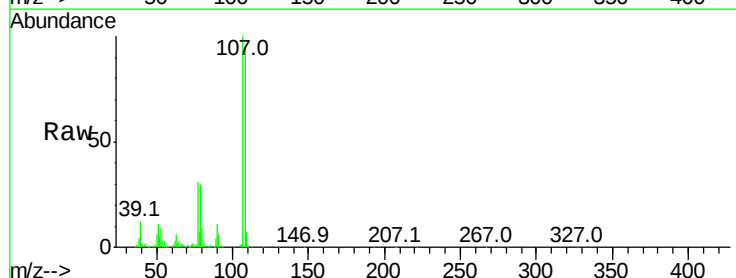
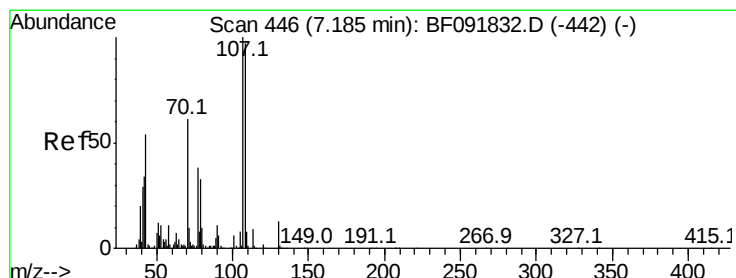
Instrument :
BNA_F
ClientSampleId :
MW-01MS

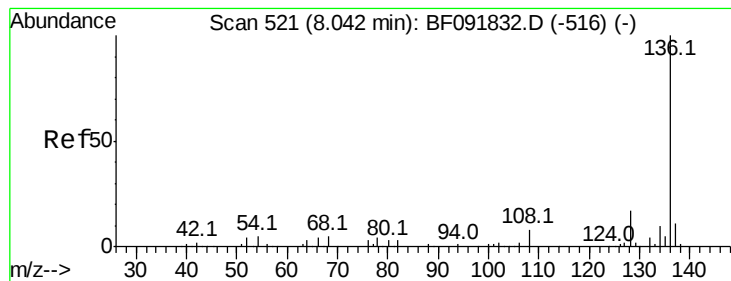
Tot Ion: 70 Resp: 617745
Ion Ratio Lower Upper
70 100
42 51.5 49.4 74.0
101 9.9 7.4 11.2
130 22.6 14.2 21.4#



#20
3+4-Methylphenols
Concen: 34.08 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion: 107 Resp: 510019
Ion Ratio Lower Upper
107 100
108 95.0 73.0 113.0
77 31.3 71.3 111.3#
79 29.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:136 Resp: 967915

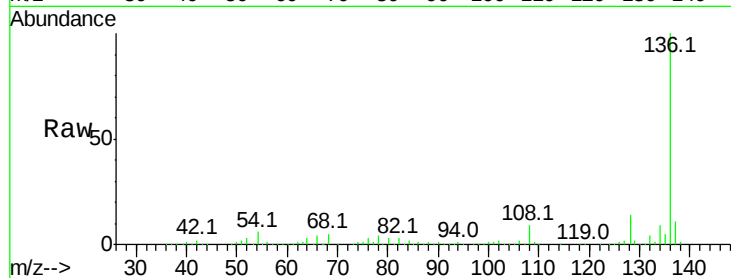
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.3 4.5 6.7

68 5.1 3.6 5.4

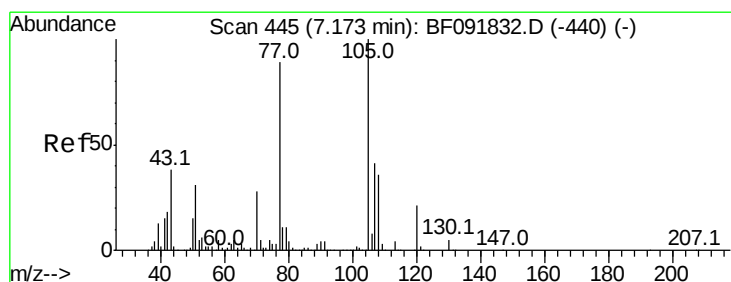
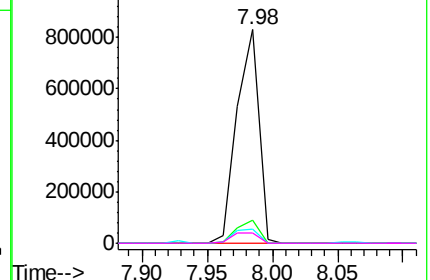
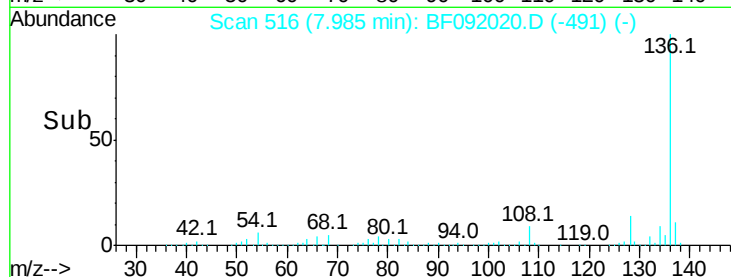


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.98 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:105 Resp: 1145391

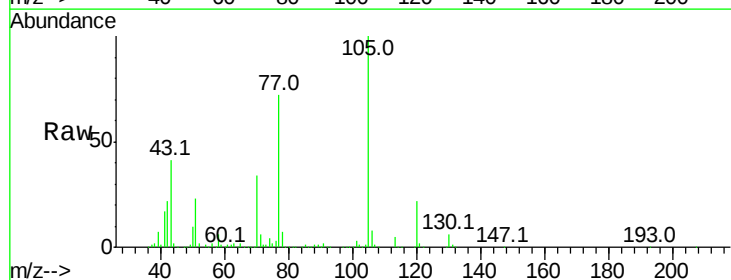
Ion Ratio Lower Upper

105 100

71 5.9 3.2 4.8#

51 23.0 26.2 39.4#

120 21.6 16.6 24.8

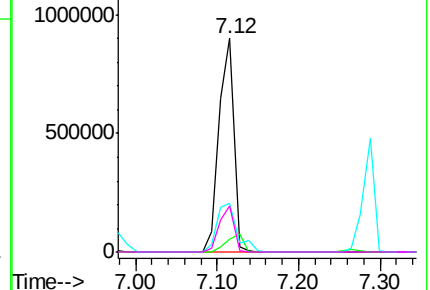
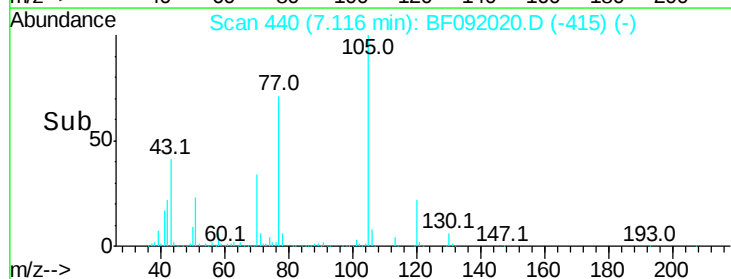


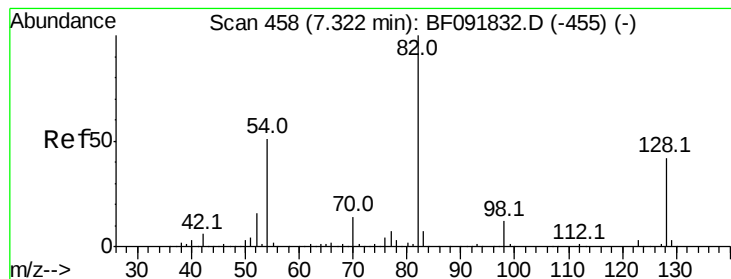
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.96 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

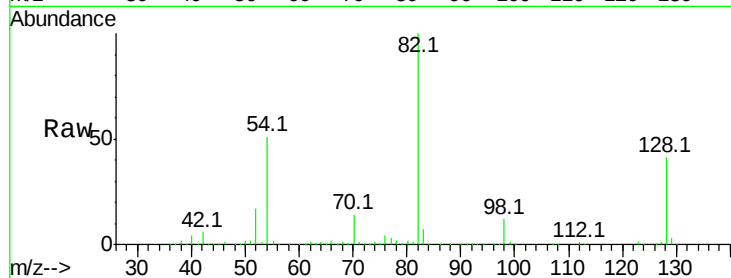
BNA_F

ClientSampleId :

MW-01MS

Tot Ion: 82 Resp: 1600767

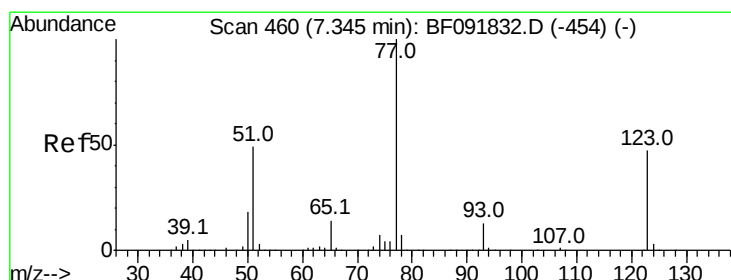
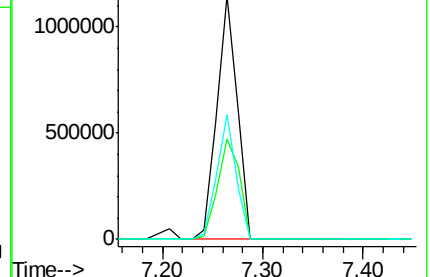
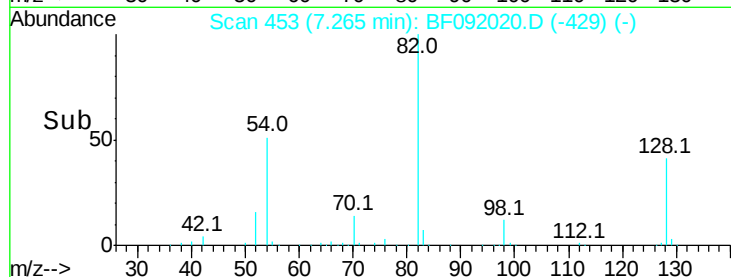
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	51.1	39.5	59.3



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: 47.90 ng

RT: 7.29 min Scan# 455

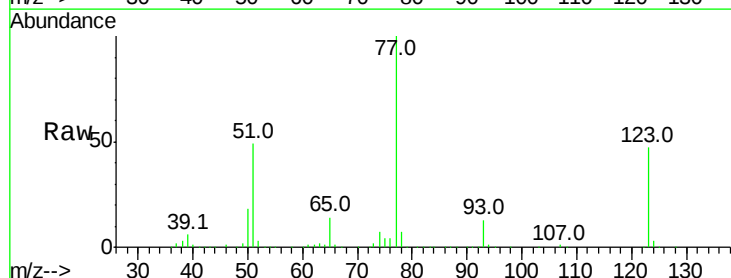
Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion: 77 Resp: 888078

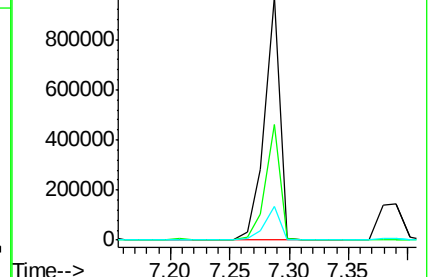
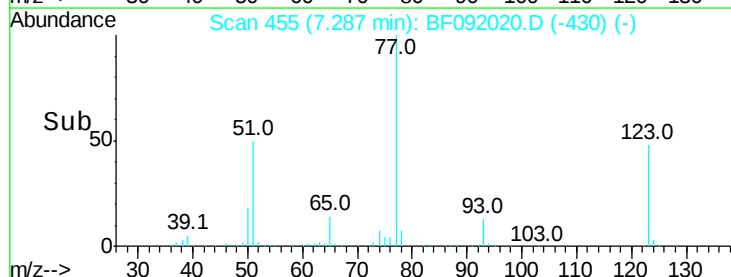
Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.4
65	13.6	11.2	16.8

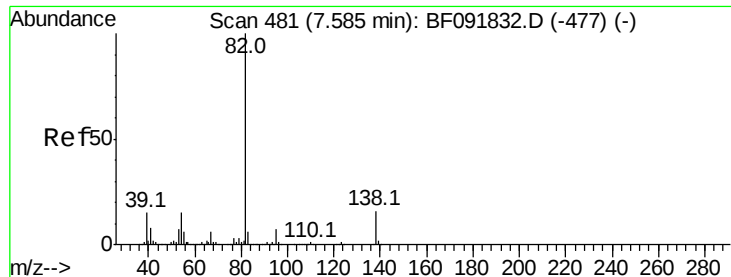


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.39 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

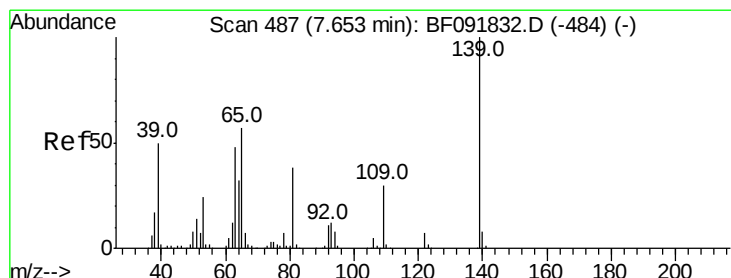
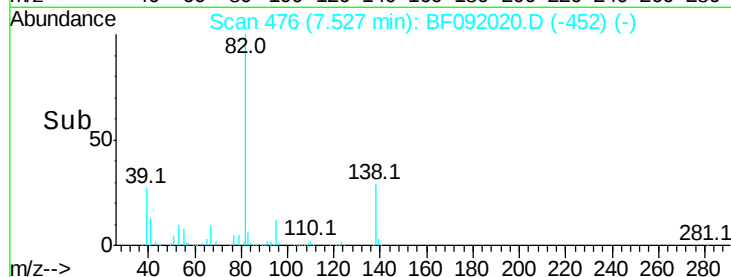
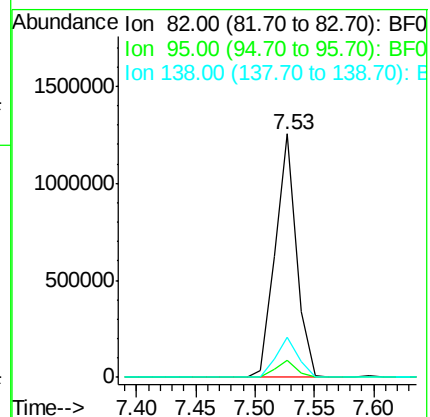
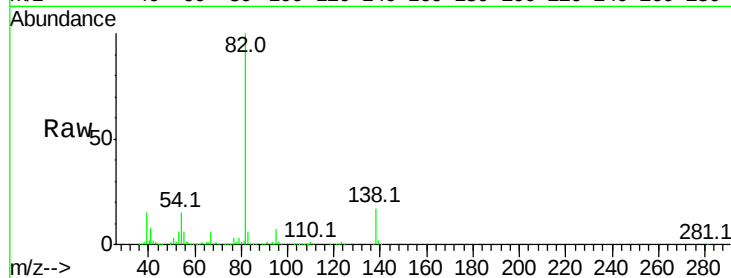
Tot Ion: 82 Resp: 1553989

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 16.5 14.6 22.0



#26

2-Nitrophenol

Concen: 42.58 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

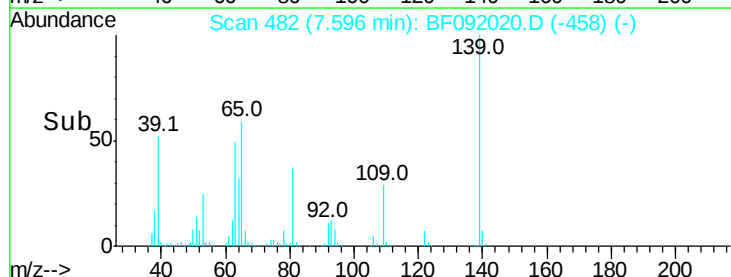
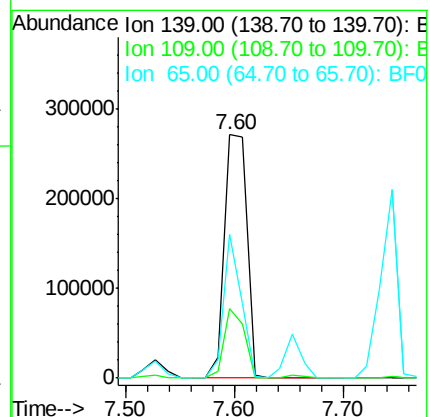
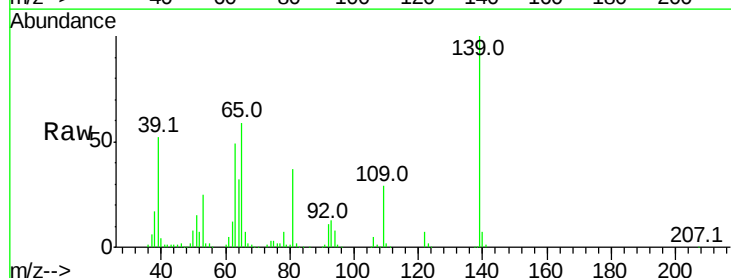
Tgt Ion: 139 Resp: 389336

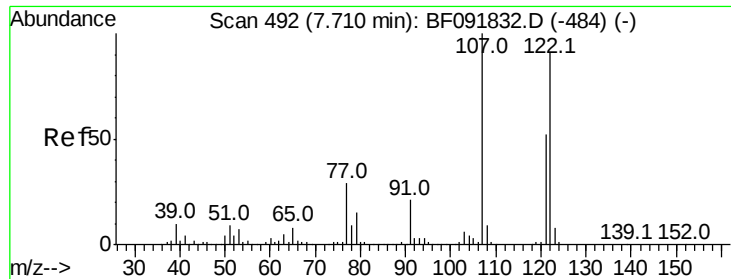
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 59.2 42.7 64.1

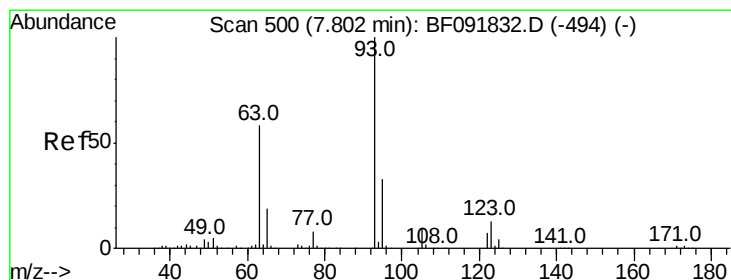
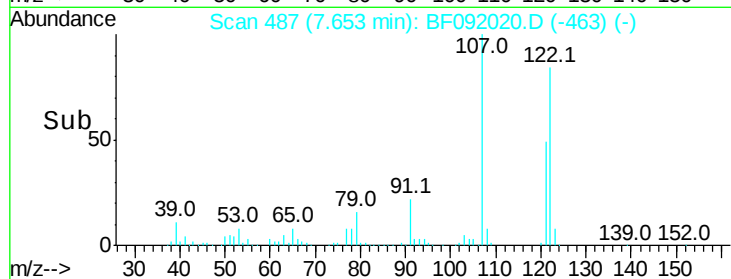
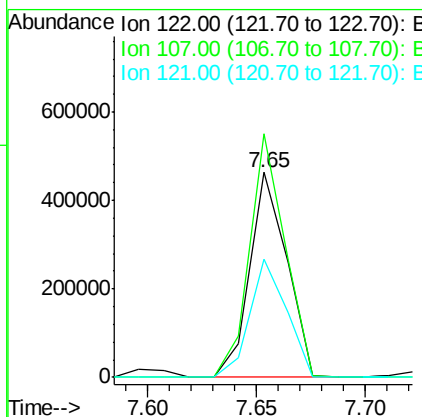
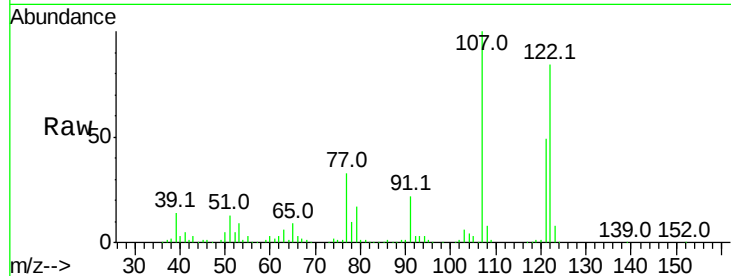




#27
2,4-Dimethylphenol
Concen: 36.24 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

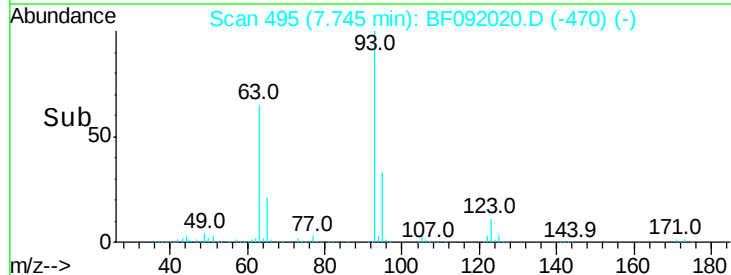
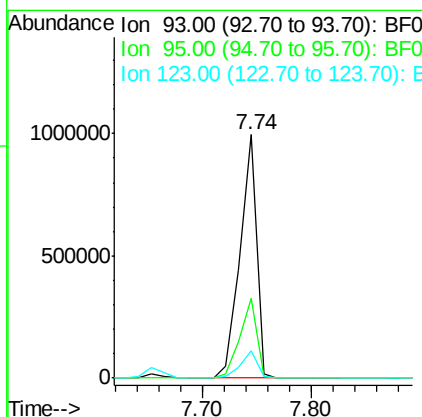
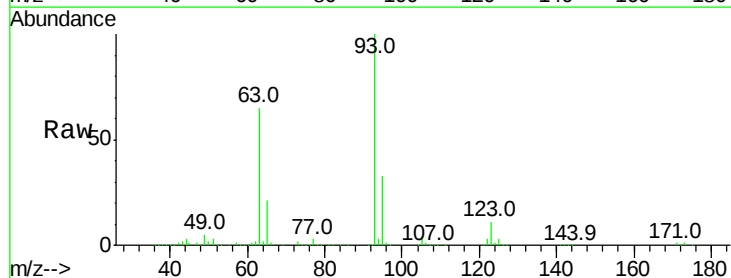
Instrument :
BNA_F
ClientSampleId :
MW-01MS

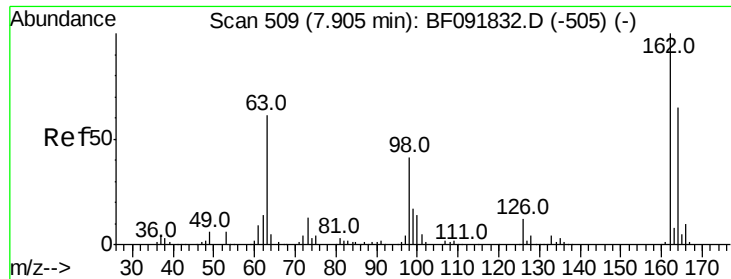
Tot Ion:122 Resp: 549601
Ion Ratio Lower Upper
122 100
107 118.9 94.1 141.1
121 57.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.23 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion: 93 Resp: 1036528
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 8.6 13.0

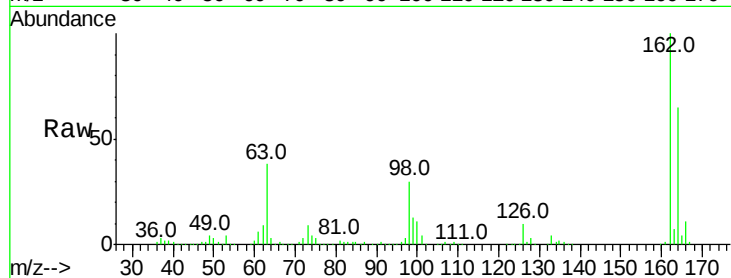




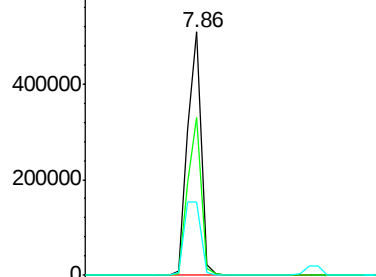
#29
2,4-Dichlorophenol
Concen: 45.61 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

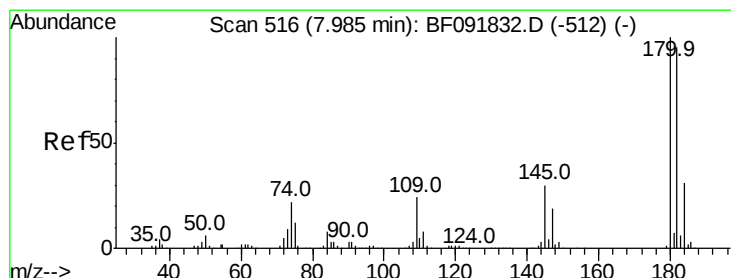
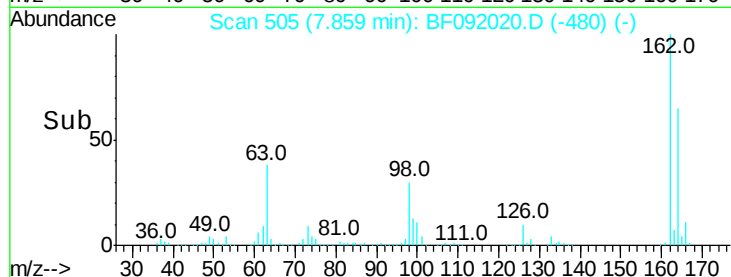
Tot Ion:162 Resp: 585654
Ion Ratio Lower Upper
162 100
164 65.0 46.8 86.8
98 30.4 9.1 49.1



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

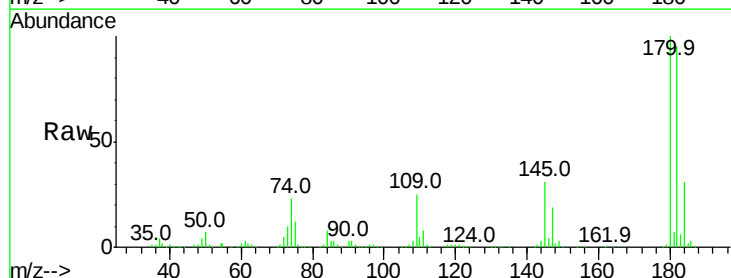


Time-->

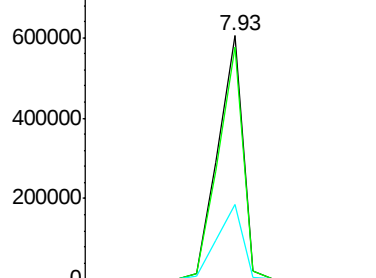


#30
1,2,4-Trichlorobenzene
Concen: 45.38 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

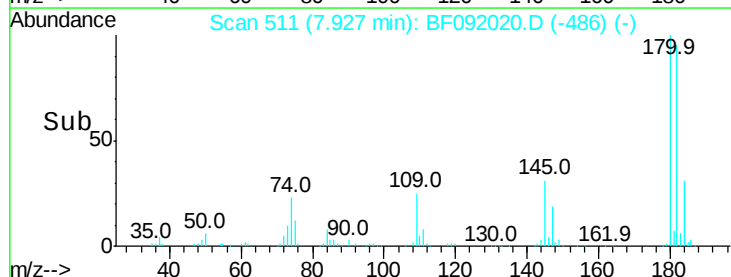
Tgt Ion:180 Resp: 638514
Ion Ratio Lower Upper
180 100
182 95.4 78.2 117.4
145 30.5 21.6 32.4

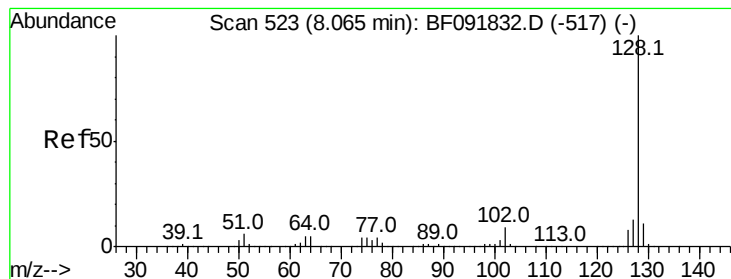


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 46.40 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

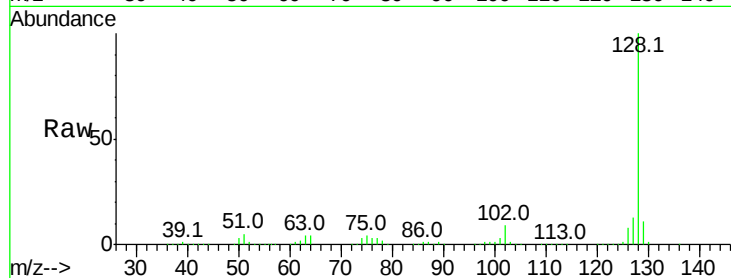
Tot Ion:128 Resp: 2055605

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

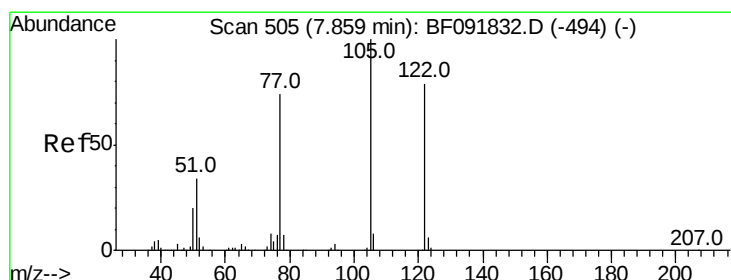
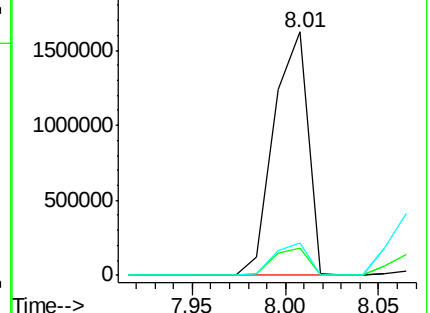
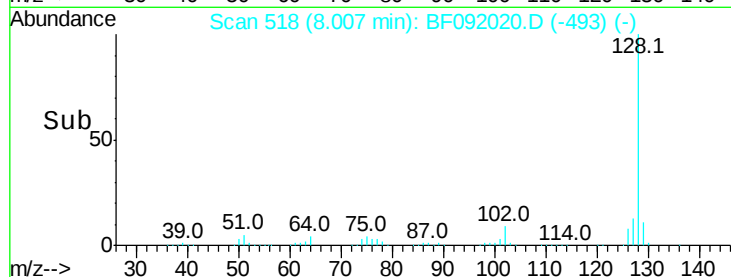
127 13.2 10.8 16.2



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: 10.46 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.08 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

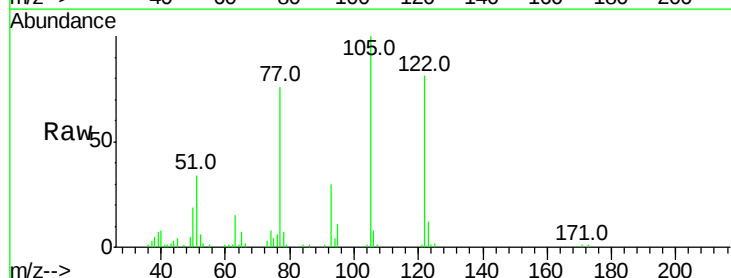
Tgt Ion:122 Resp: 117683

Ion Ratio Lower Upper

122 100

105 123.7 107.2 147.2

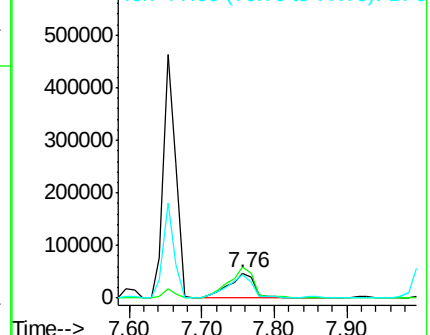
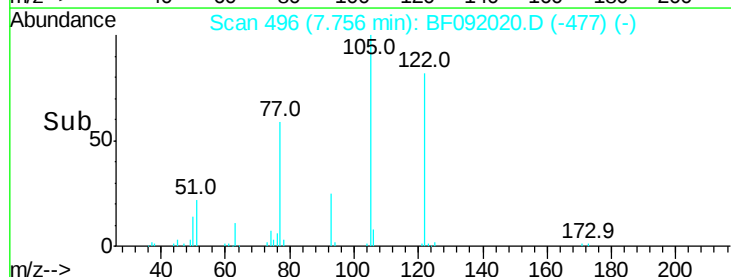
77 93.5 74.5 114.5

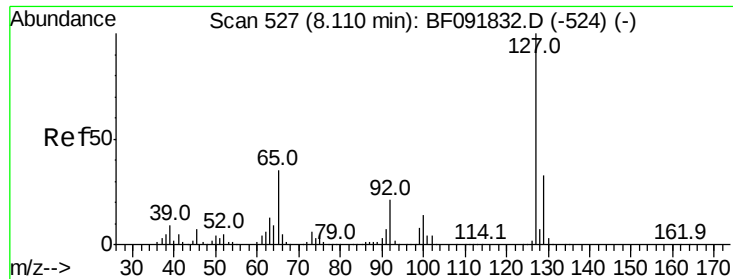


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

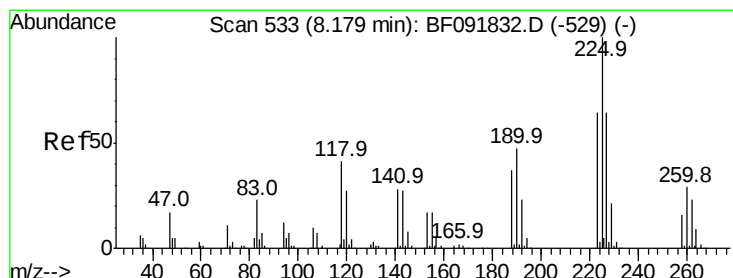
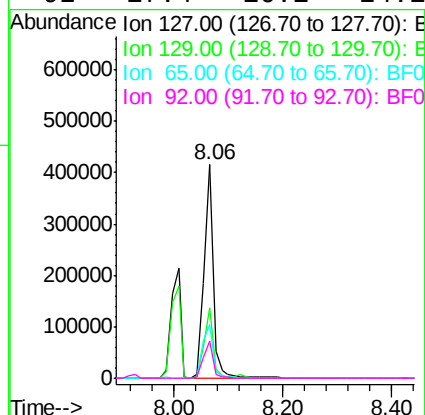
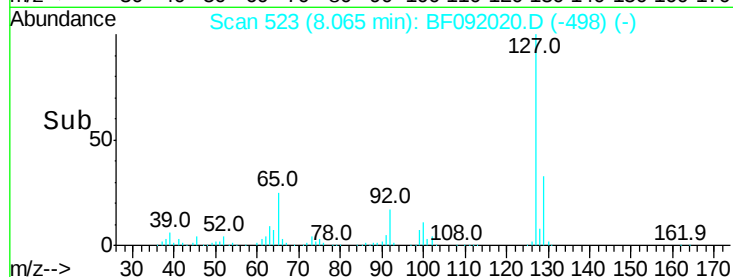
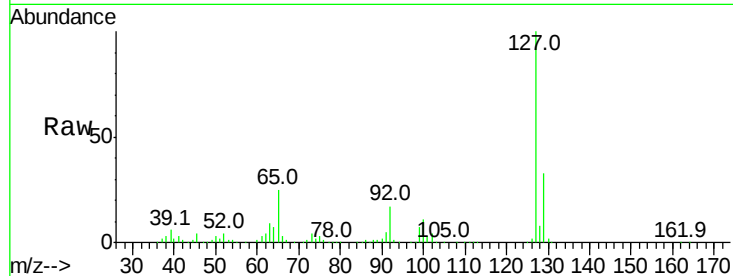




#33
4-Chloroaniline
Concen: 24.10 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

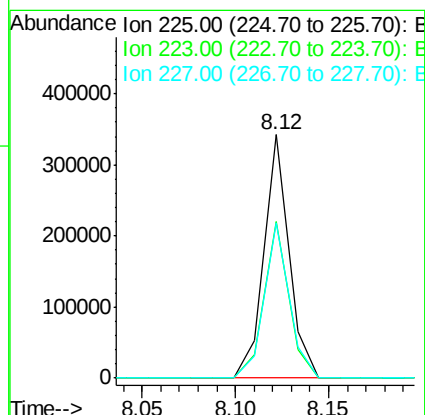
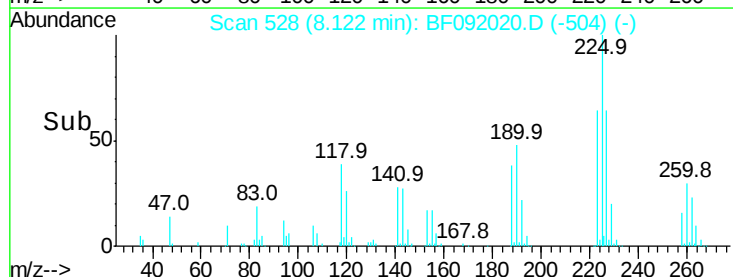
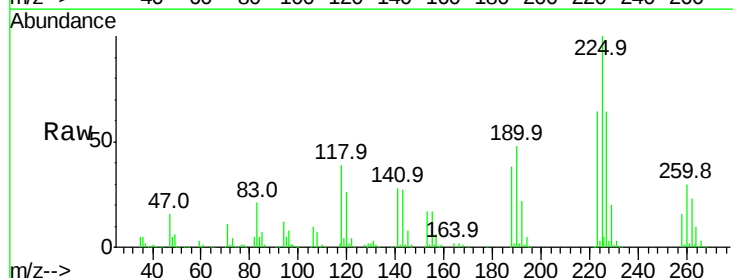
Instrument :
BNA_F
ClientSampleId :
MW-01MS

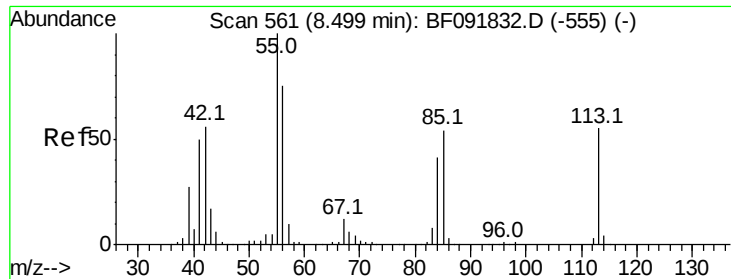
Tot Ion:	127	Resp:	481304
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	25.4	25.8	38.8
92	17.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.55 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion:	225	Resp:	316001
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.9	50.6	76.0





#35

Caprolactam

Concen: 6.73 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleID :

MW-01MS

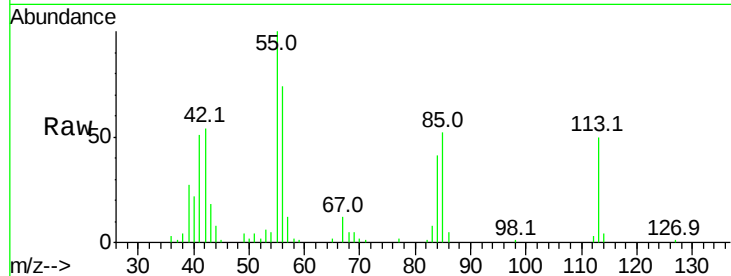
Tot Ion:113 Resp: 28387

Ion Ratio Lower Upper

113 100

55 198.1 119.2 159.2#

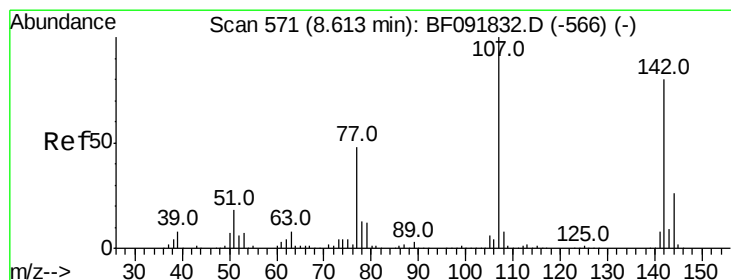
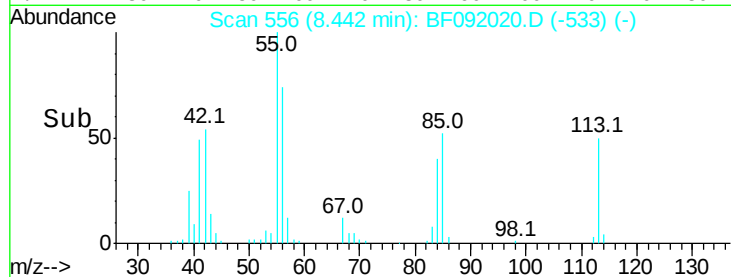
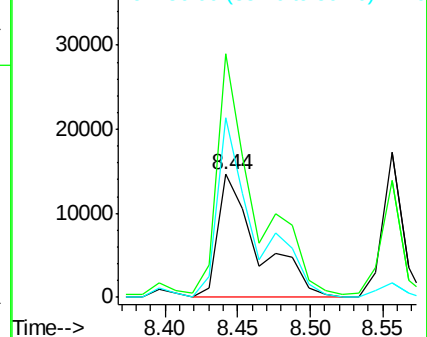
56 146.5 83.8 123.8#



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: 39.91 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

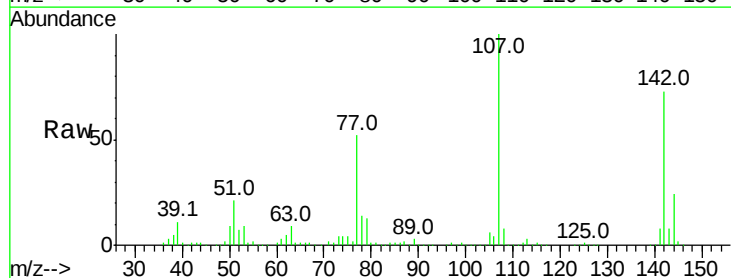
Tgt Ion:107 Resp: 589709

Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

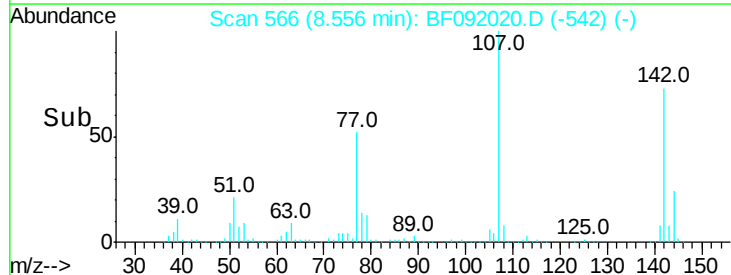
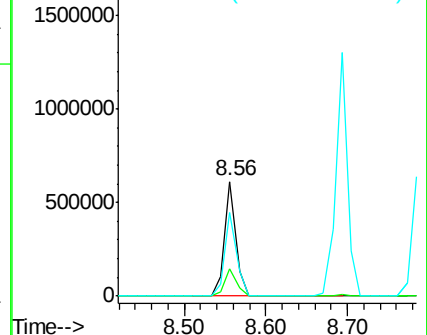
142 73.4 59.0 88.6

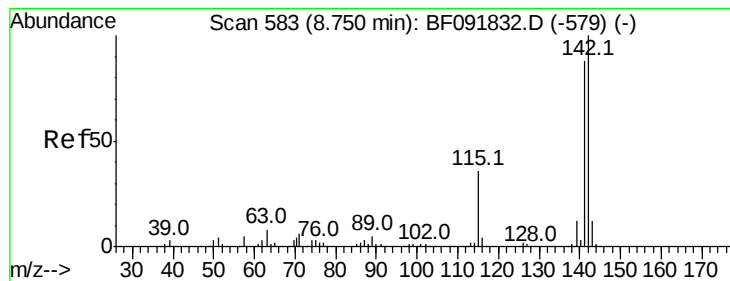


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.83 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

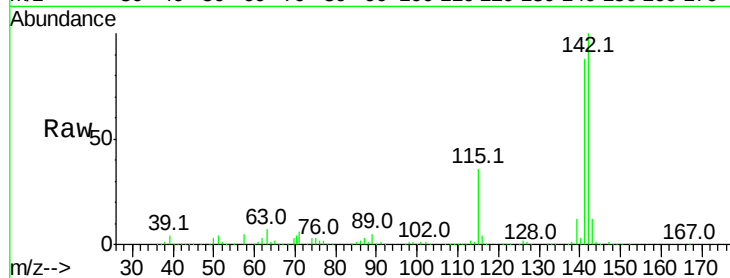
Tot Ion:142 Resp: 1315445

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

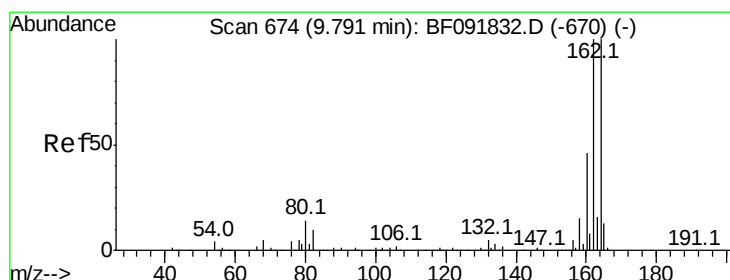
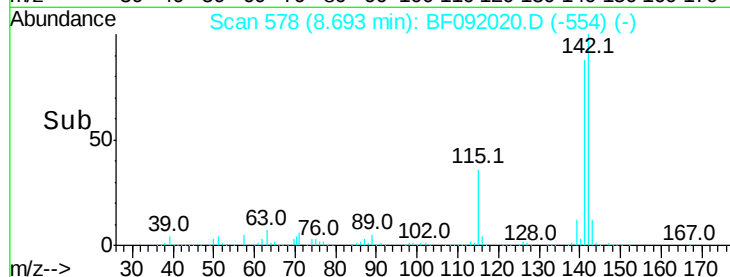
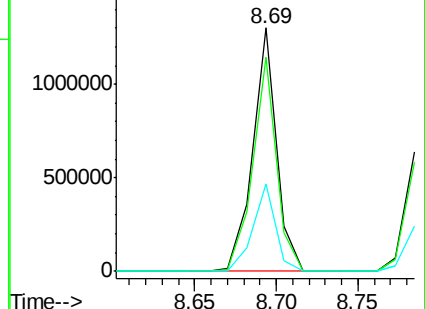
115 35.8 28.3 42.5



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: BF092020.D

Acq: 29 Dec 2016 12:58

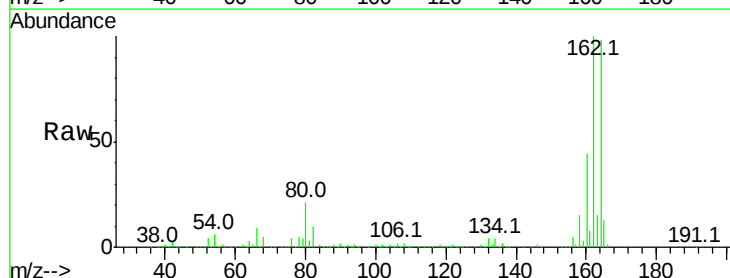
Tgt Ion:164 Resp: 510069

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

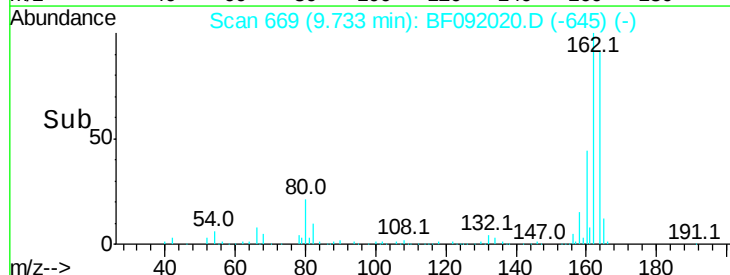
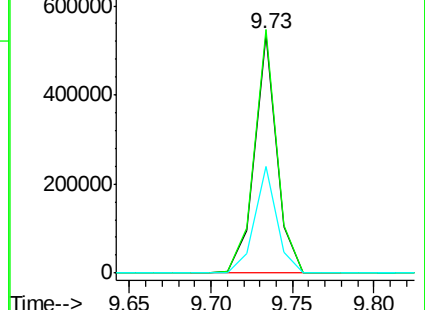
160 44.7 36.9 55.3

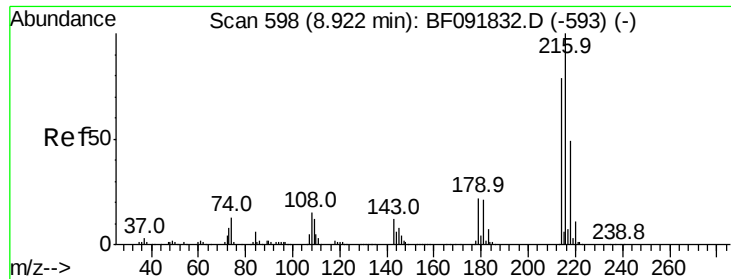


Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.61 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:216 Resp: 626444

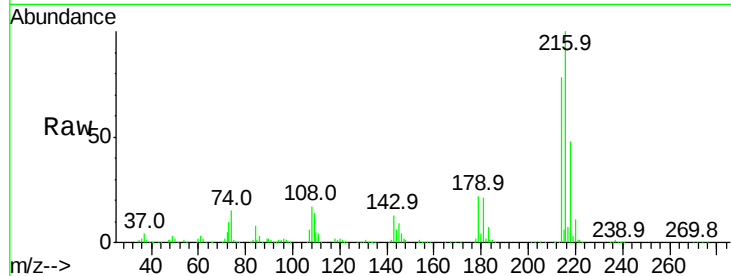
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 23.0 17.4 26.2

108 22.2 15.6 23.4

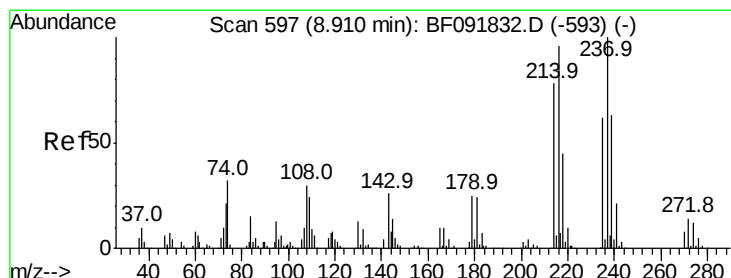
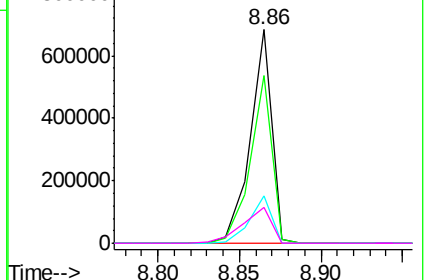
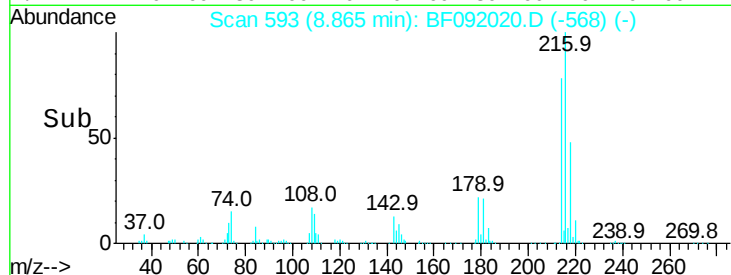


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.25 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

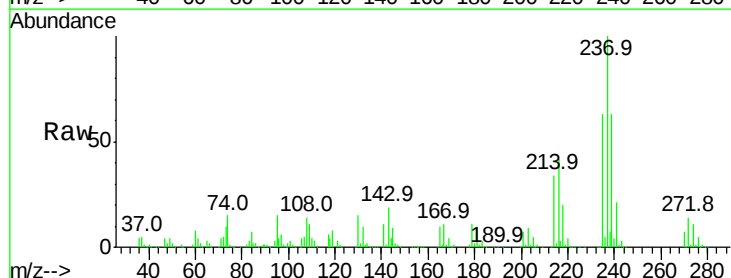
Tgt Ion:237 Resp: 515022

Ion Ratio Lower Upper

237 100

235 62.6 41.2 81.2

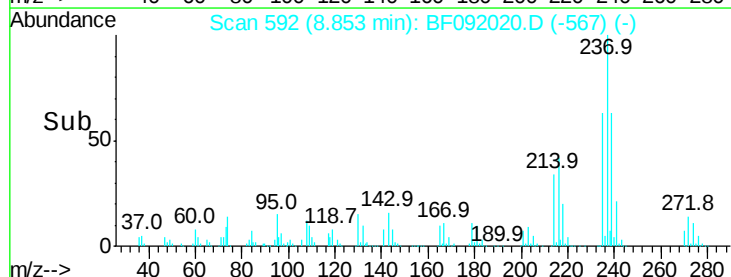
272 13.7 0.0 35.4



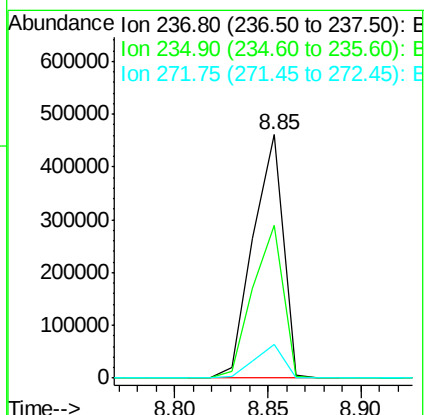
Abundance Ion 236.80 (236.50 to 237.50): E

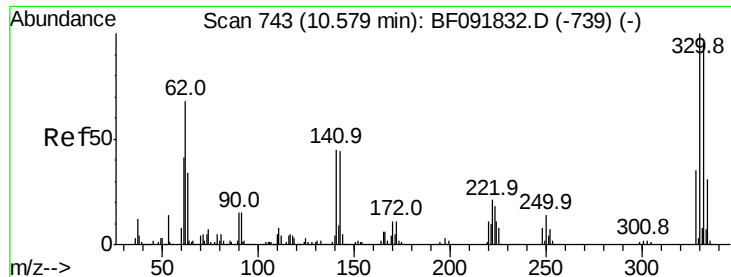
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

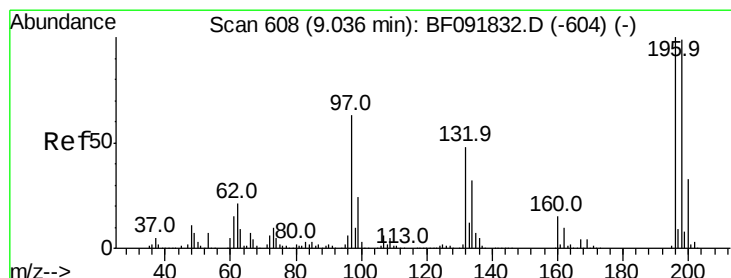
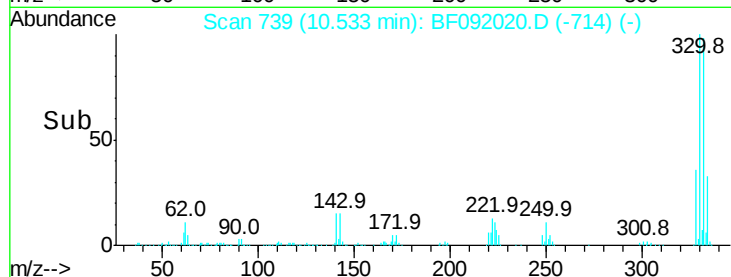
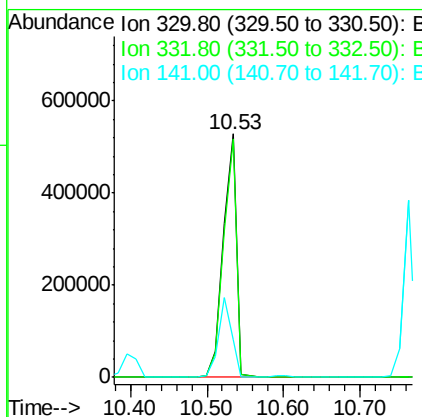
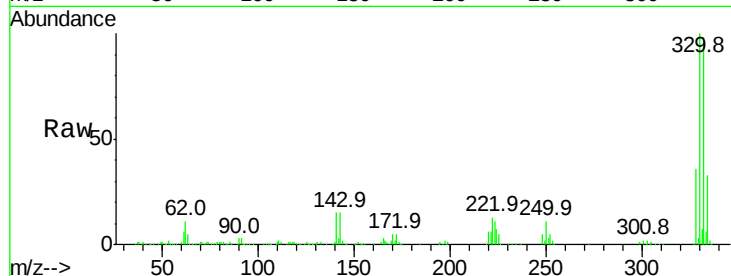




#41
 2,4,6-Tribromophenol
 Concen: 152.76 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

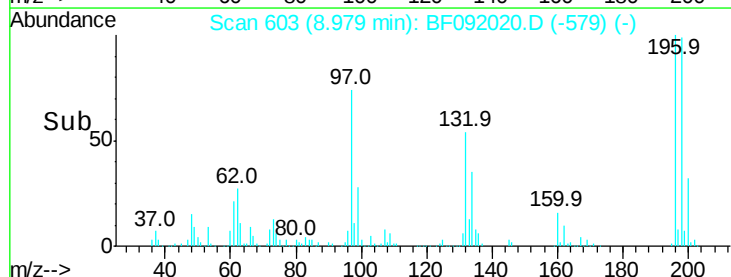
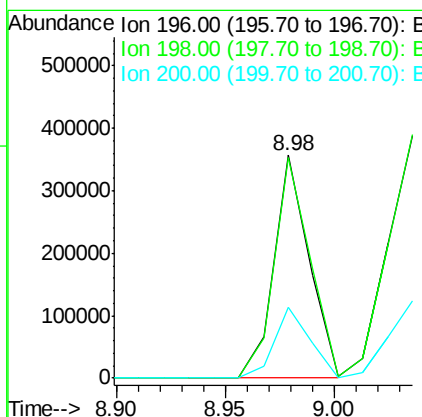
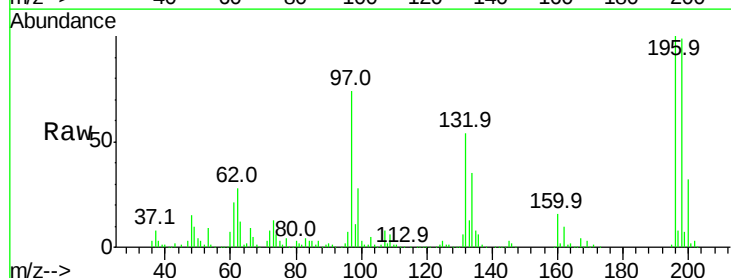
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

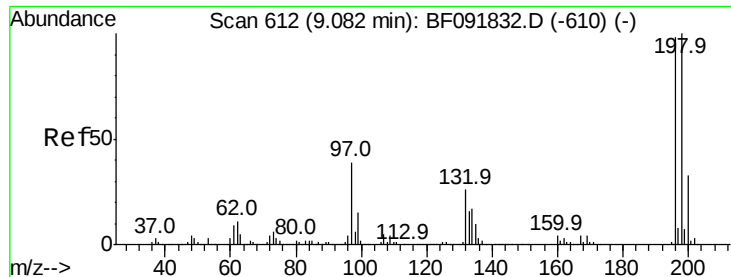
Tot Ion:330 Resp: 644825
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 32.4 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:196 Resp: 406357
 Ion Ratio Lower Upper
 196 100
 198 98.9 82.1 123.1
 200 31.7 27.0 40.4

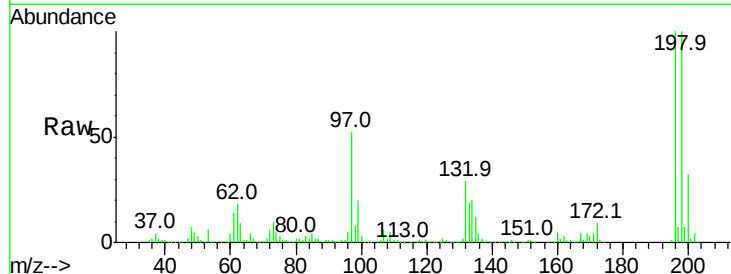




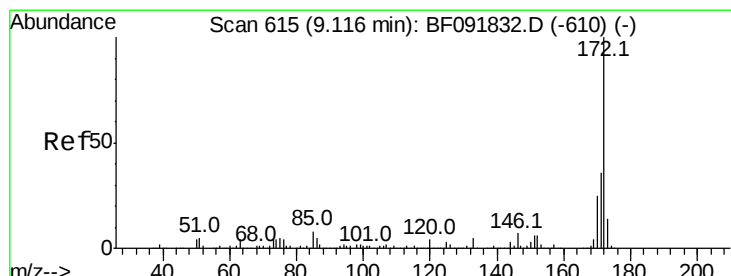
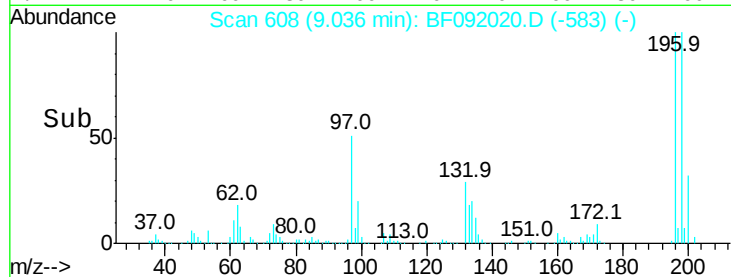
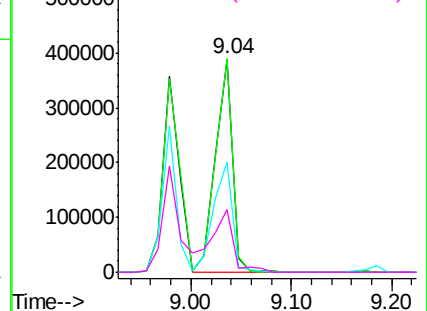
#43
 2,4,5-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion:	196	Resp:	457263
Ion	Ratio	Lower	Upper
196	100		
198	100.2	79.4	119.2
97	51.8	51.5	77.3
132	29.5	27.4	41.2

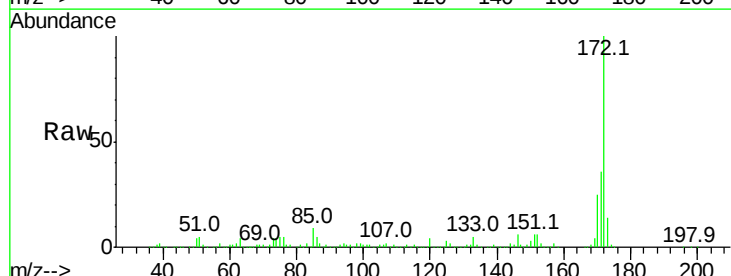


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

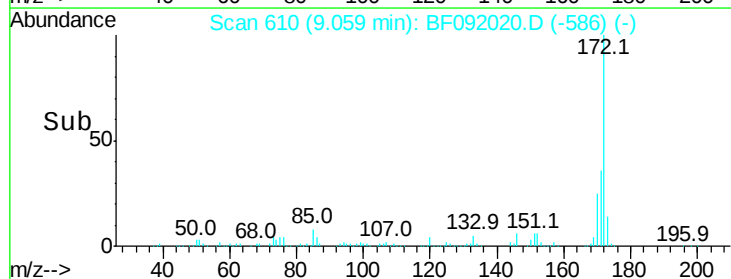
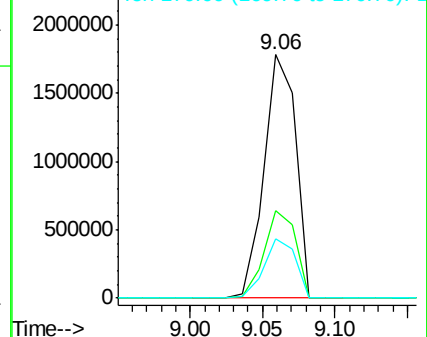


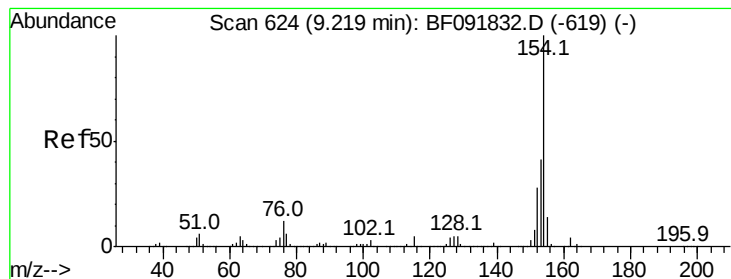
#44
 2-Fluorobiphenyl
 Concen: 112.19 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:	172	Resp:	2690139
Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 48.73 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

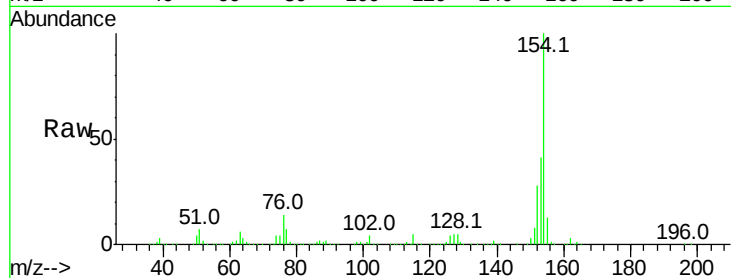
Tot Ion:154 Resp: 1701877

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

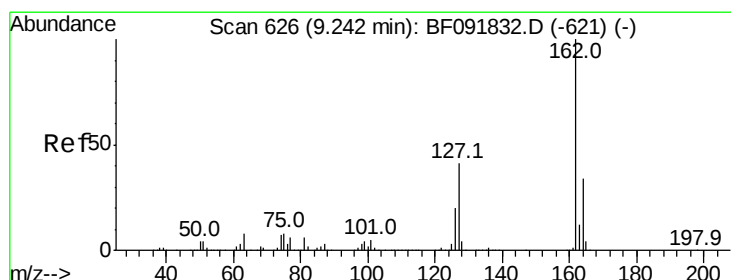
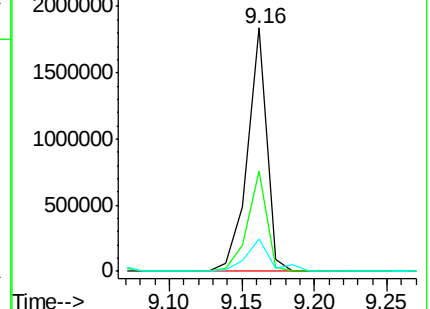
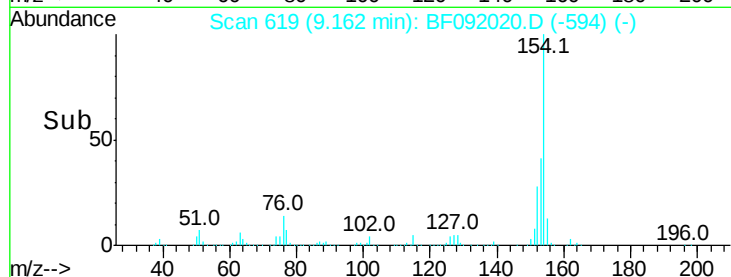
76 13.5 0.0 30.5



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: 47.67 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

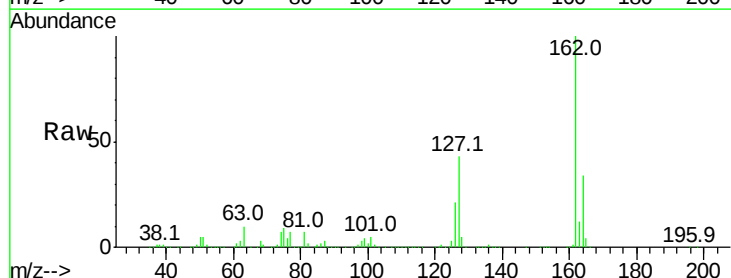
Tgt Ion:162 Resp: 1318346

Ion Ratio Lower Upper

162 100

127 42.6 30.7 46.1

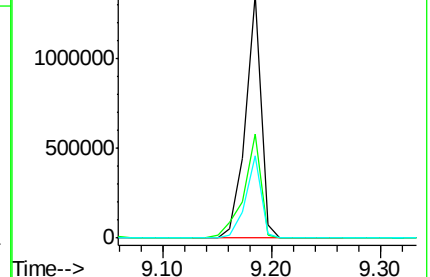
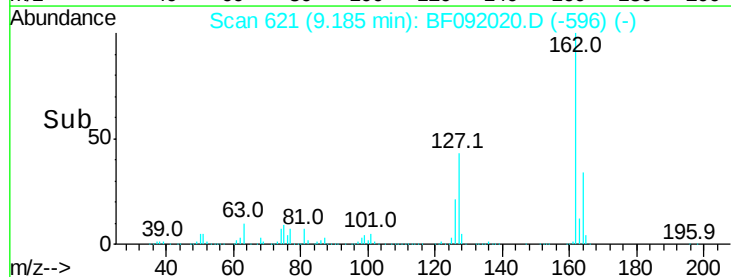
164 34.0 27.6 41.4

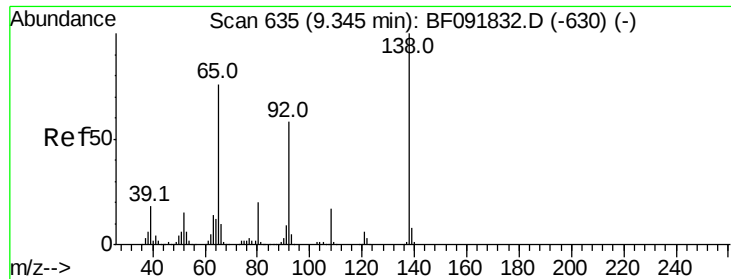


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

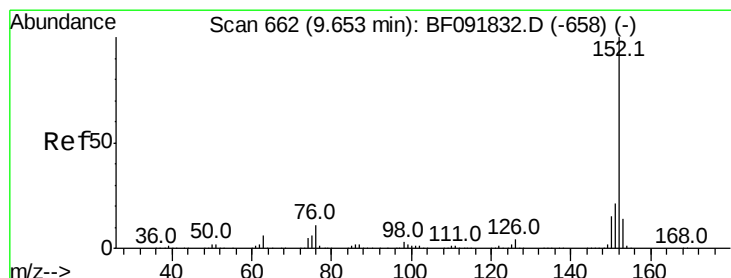
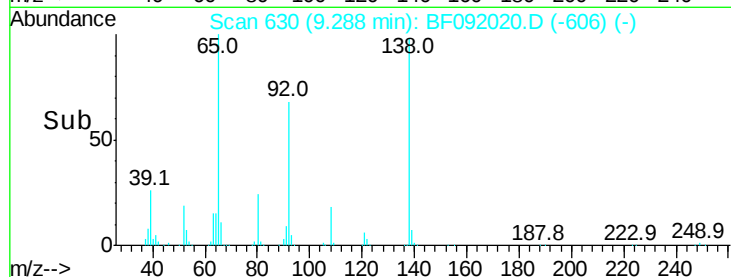
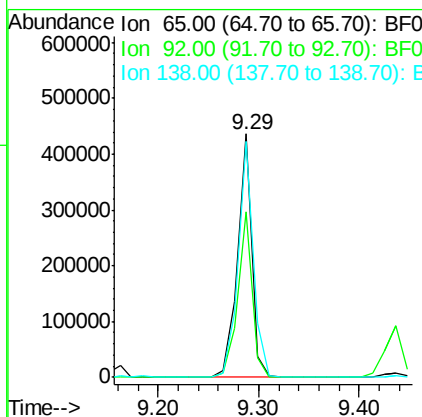
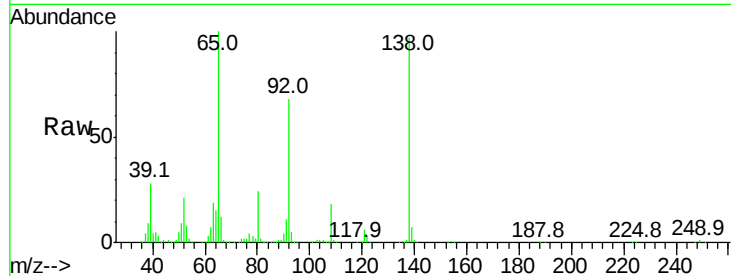




#47
2-Nitroaniline
Concen: 43.84 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

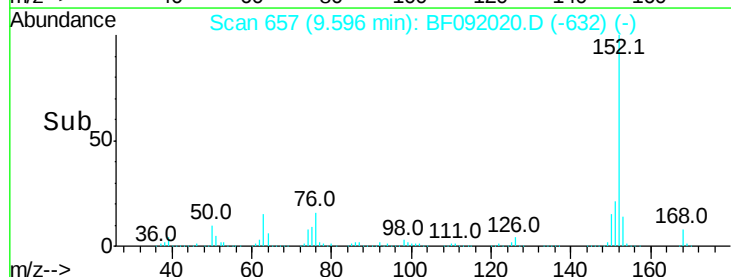
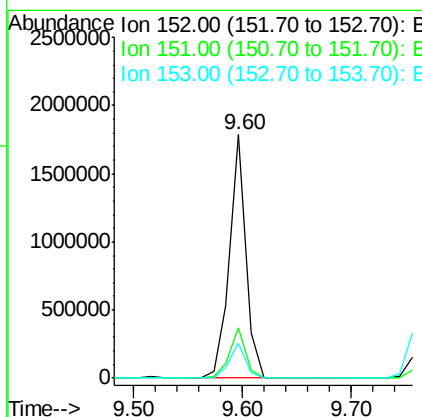
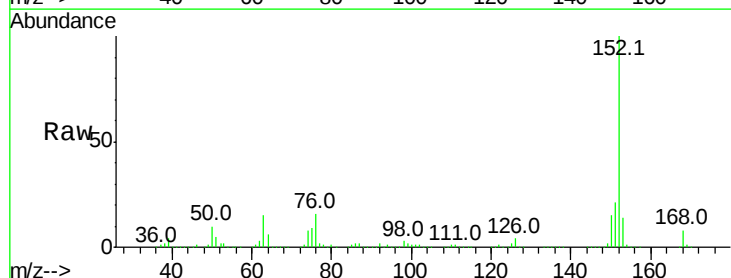
Instrument :
BNA_F
ClientSampleId :
MW-01MS

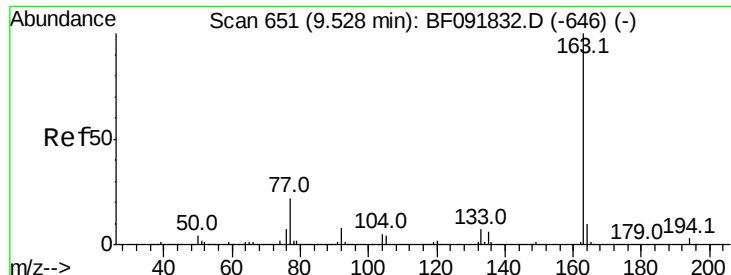
Tot Ion: 65 Resp: 431697
Ion Ratio Lower Upper
65 100
92 67.7 53.9 80.9
138 97.0 76.8 115.2



#48
Acenaphthylene
Concen: 43.62 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion: 152 Resp: 1855453
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 53.40 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

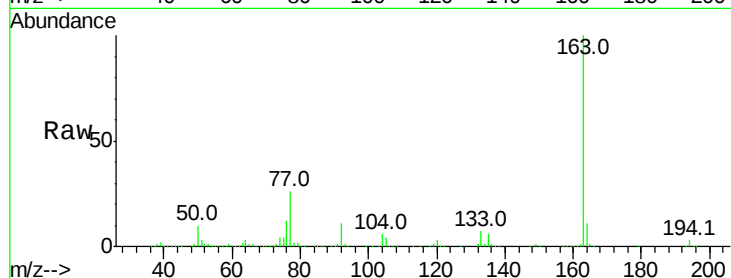
Tot Ion:163 Resp: 1742110

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

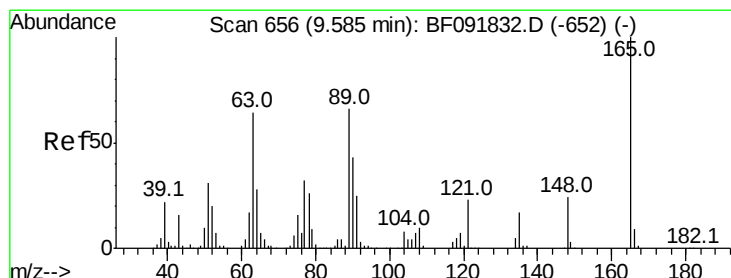
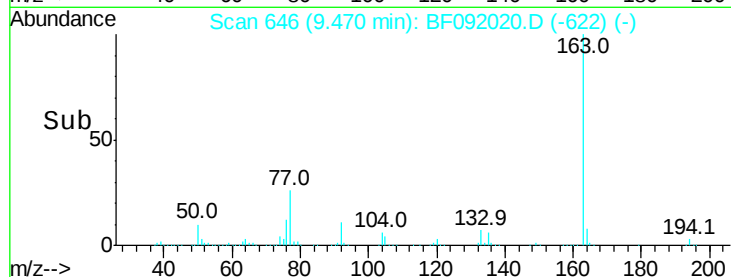
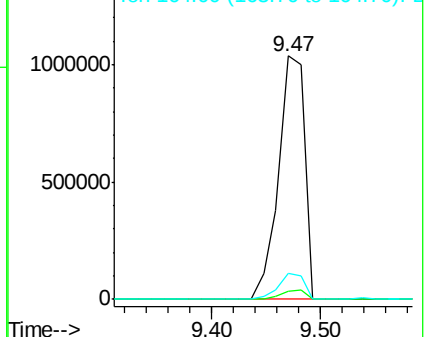
164 10.7 8.0 12.0



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: 55.65 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

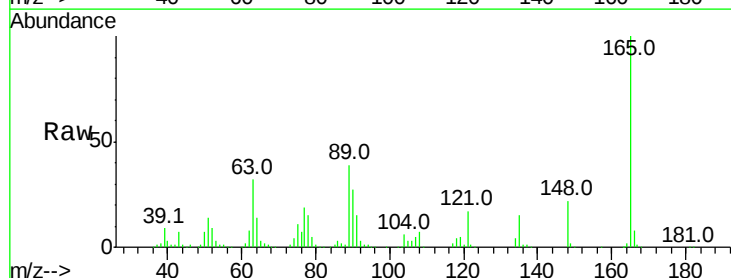
Tgt Ion:165 Resp: 397361

Ion Ratio Lower Upper

165 100

63 31.6 36.2 54.4#

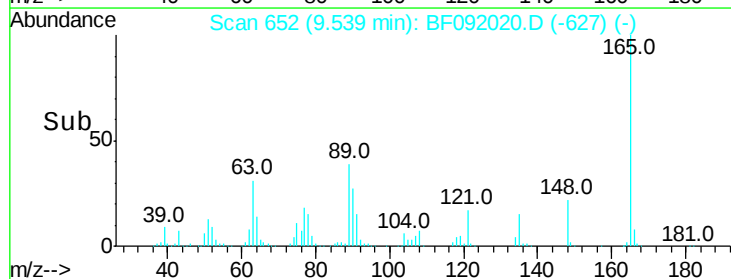
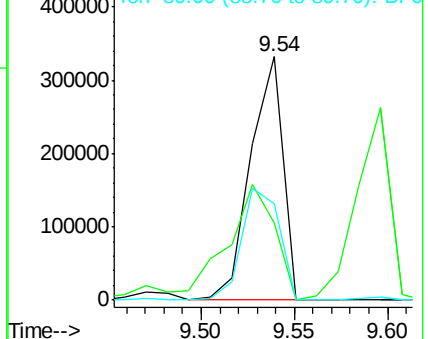
89 39.5 40.2 60.4#

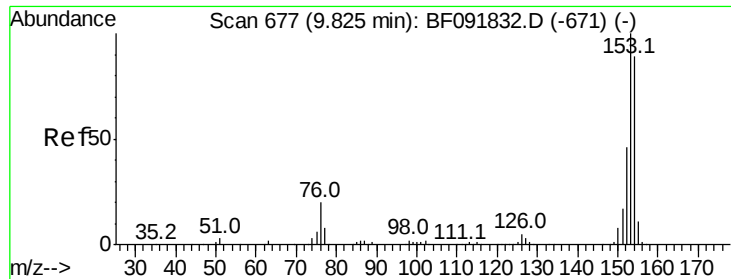


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.40 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

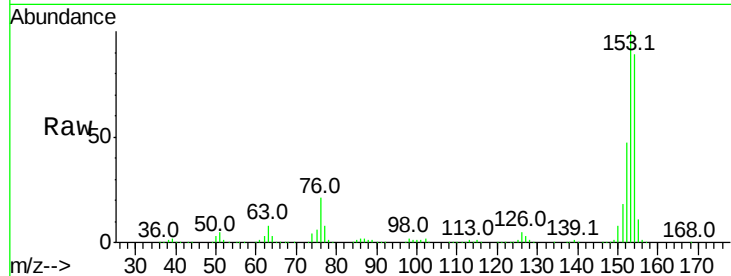
Tot Ion:154 Resp: 1193999

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

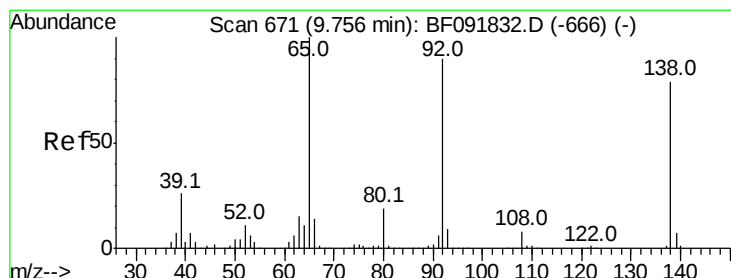
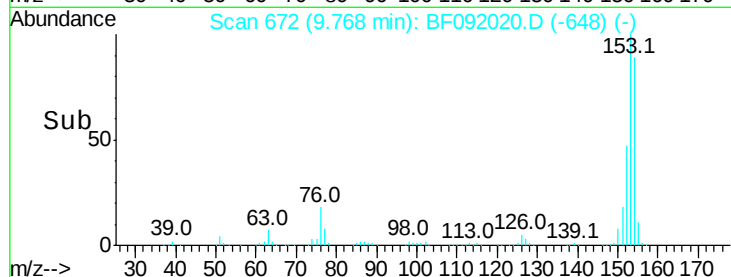
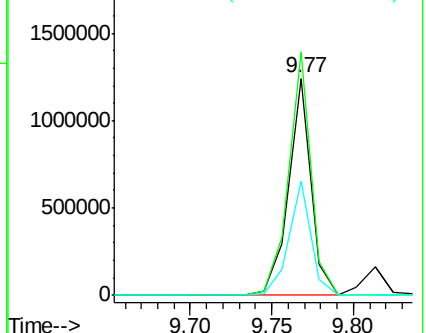
152 52.5 41.6 62.4



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: 25.56 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

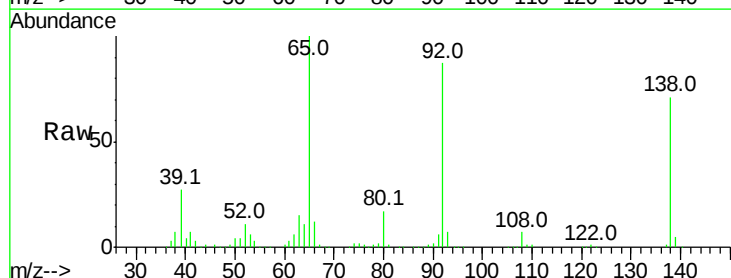
Tgt Ion:138 Resp: 225898

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

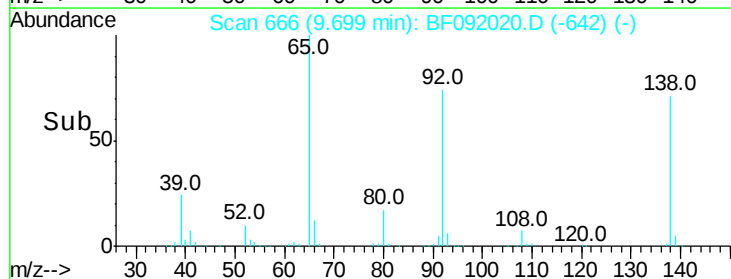
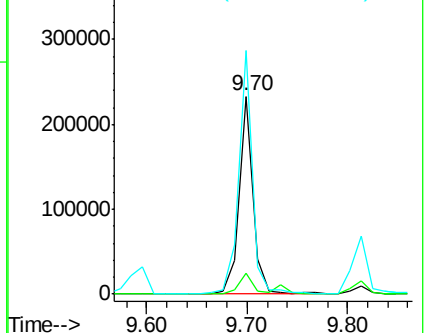
92 123.3 97.8 146.8

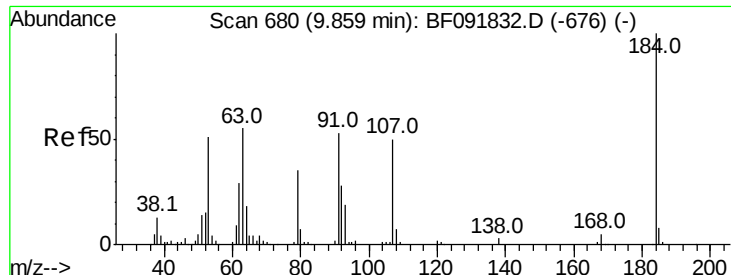


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

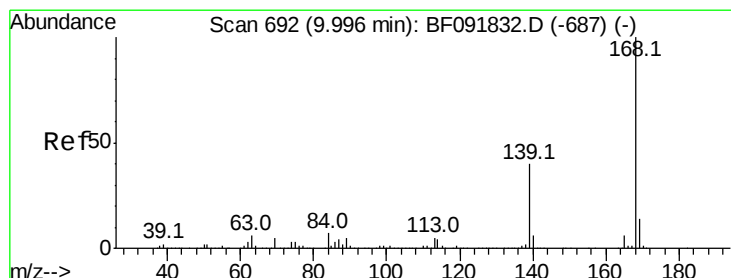
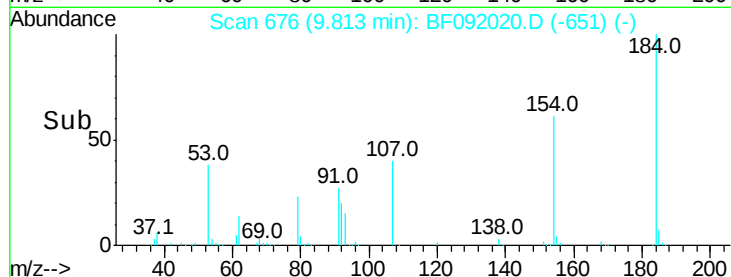
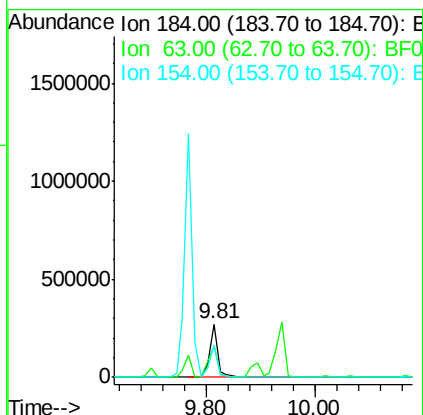
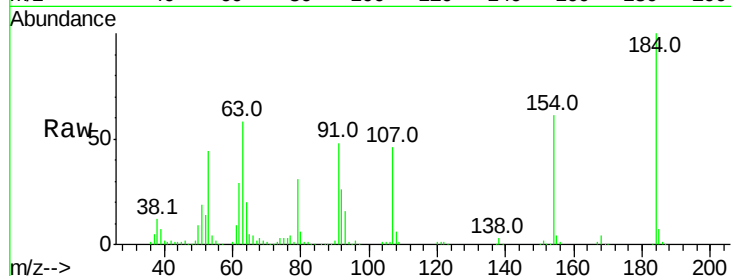




#53
 2,4-Dinitrophenol
 Concen: 73.72 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

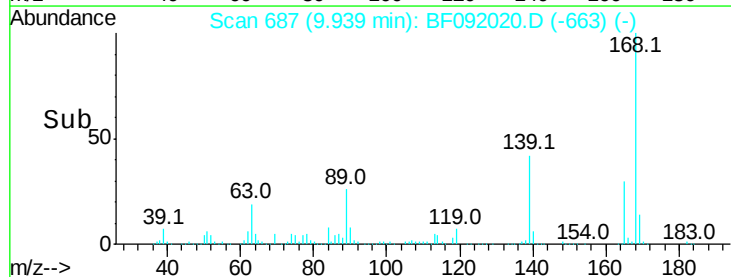
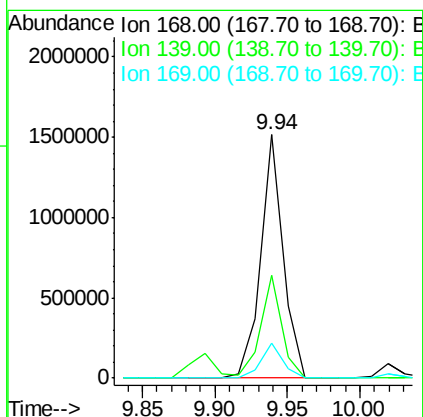
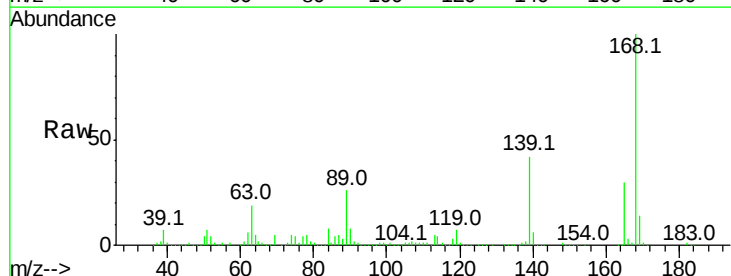
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

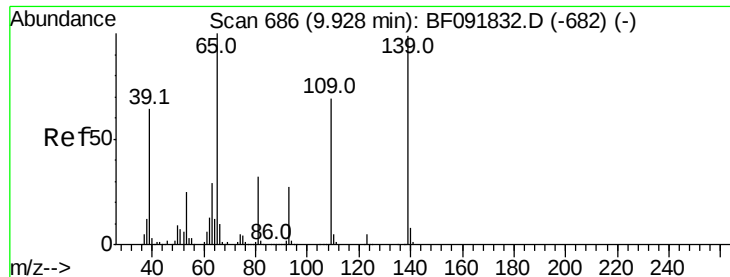
Tot Ion:184 Resp: 292889
 Ion Ratio Lower Upper
 184 100
 63 58.3 28.4 42.6#
 154 61.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 41.60 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:168 Resp: 1620123
 Ion Ratio Lower Upper
 168 100
 139 42.1 32.6 49.0
 169 14.1 11.3 16.9





#55

4-Nitrophenol

Concen: 32.90 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

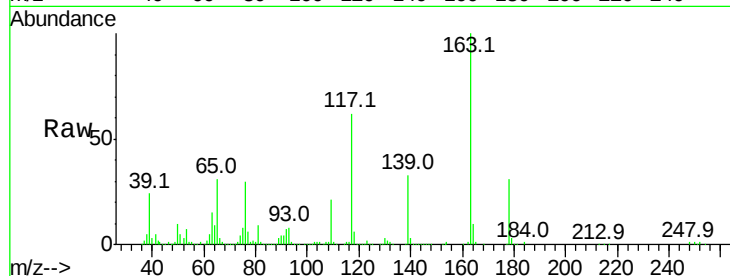
Tot Ion:139 Resp: 197395

Ion Ratio Lower Upper

139 100

109 63.4 52.2 92.2

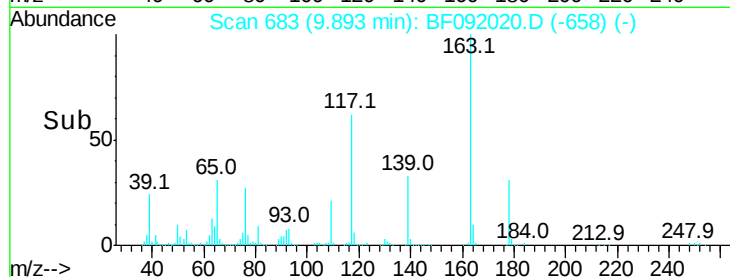
65 93.2 85.8 125.8



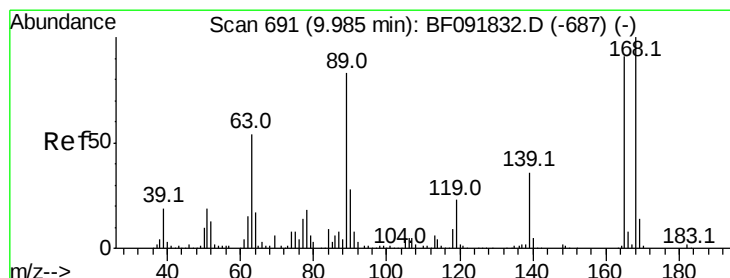
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 52.10 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:165 Resp: 466904

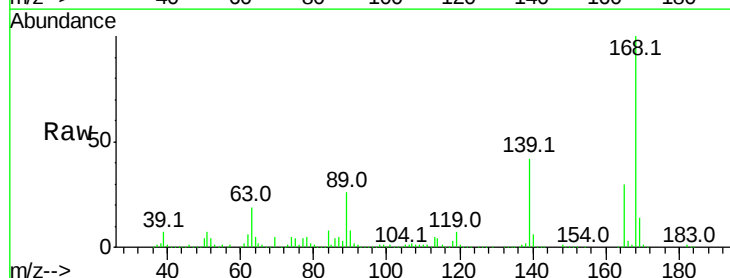
Ion Ratio Lower Upper

165 100

63 62.5 40.2 60.4#

89 86.0 62.5 93.7

182 2.2 1.8 2.8

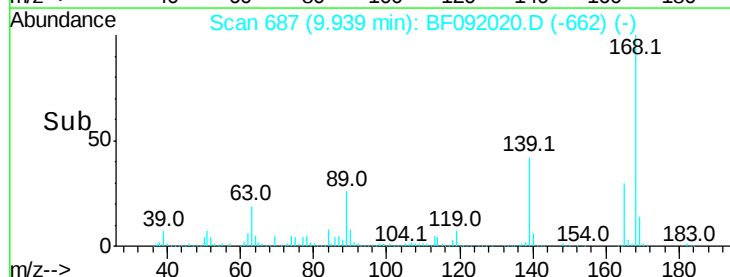


Abundance Ion 165.00 (164.70 to 165.70): E

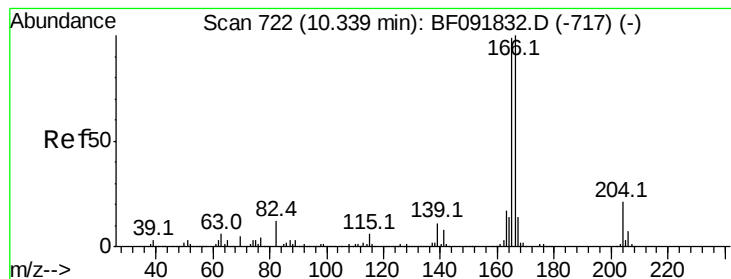
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 44.93 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

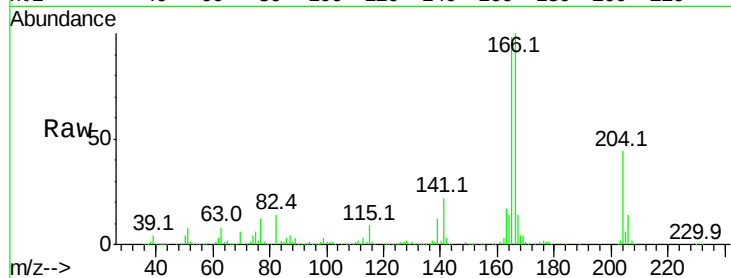
Tot Ion:166 Resp: 1272957

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

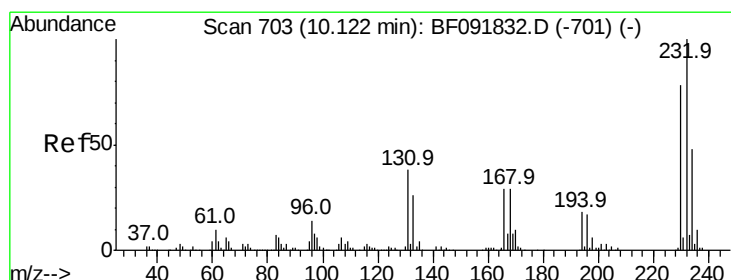
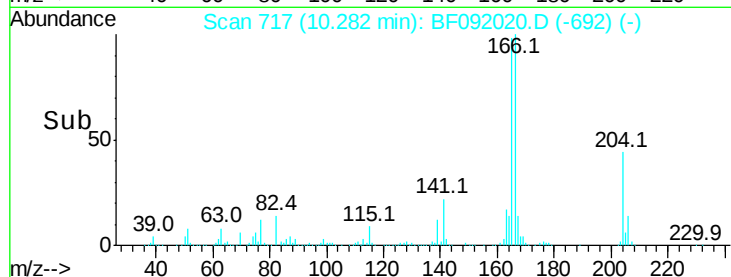
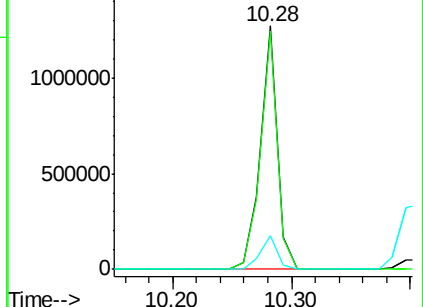
167 13.9 10.8 16.2



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: 48.32 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:232 Resp: 354475

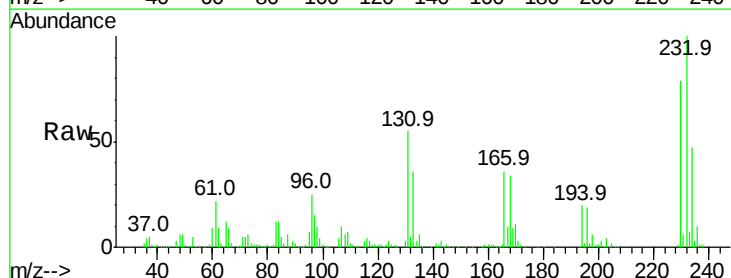
Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.6 1.8 2.8

166 33.6 26.6 39.8

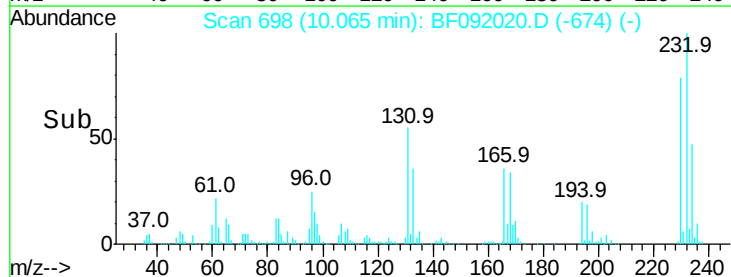
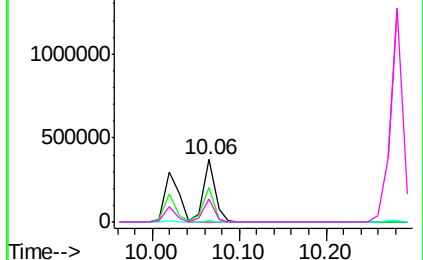


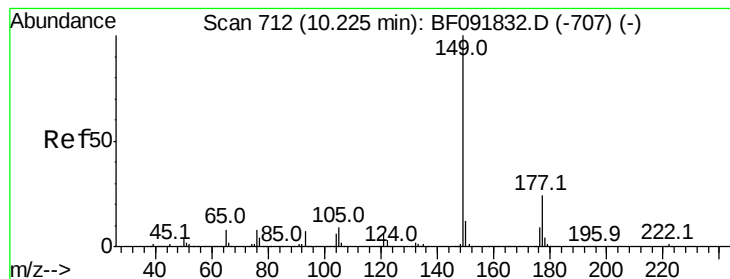
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.22 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

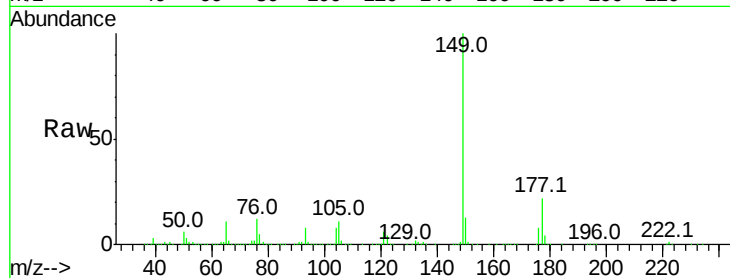
Tot Ion:149 Resp: 1527683

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

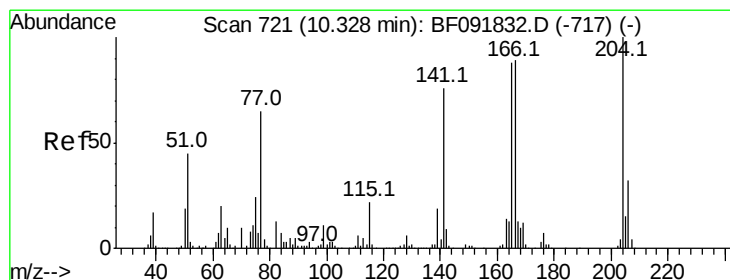
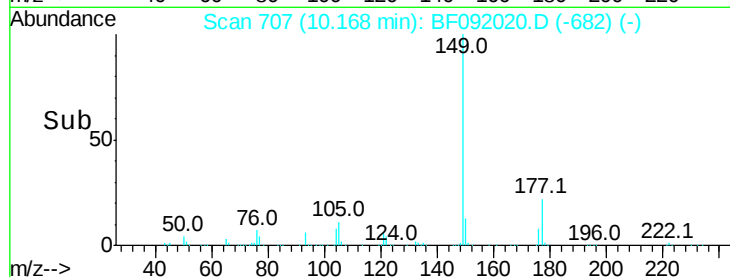
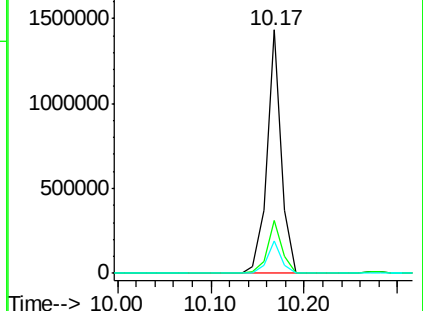
150 13.1 10.4 15.6



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: 52.52 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

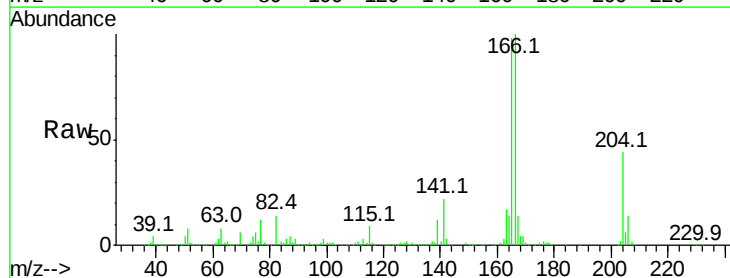
Tgt Ion:204 Resp: 651533

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

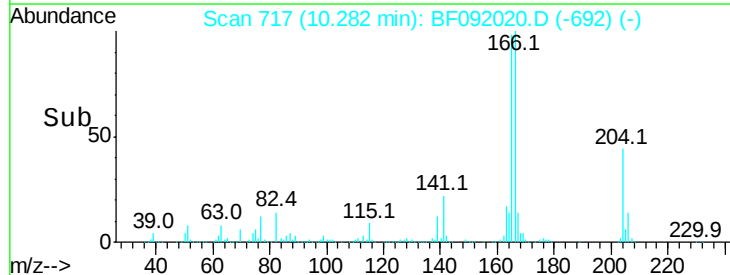
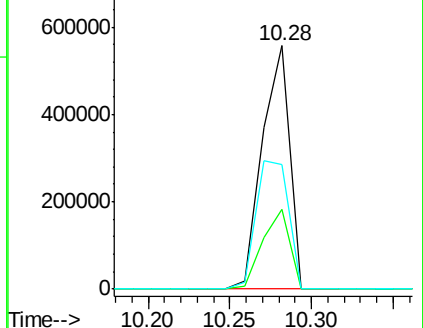
141 50.9 59.4 89.0#

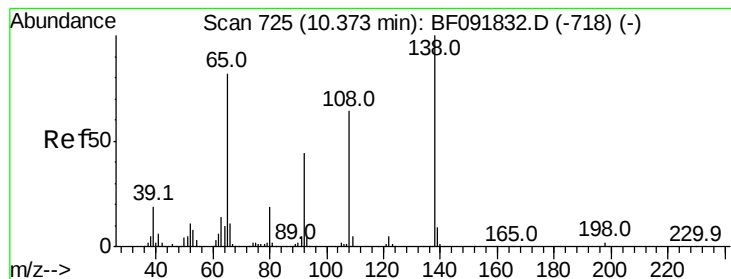


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.31 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

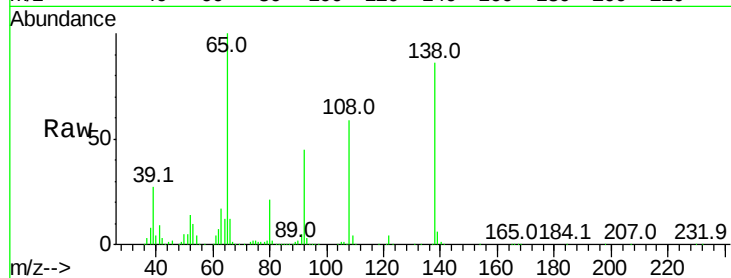
Tot Ion:138 Resp: 350784

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

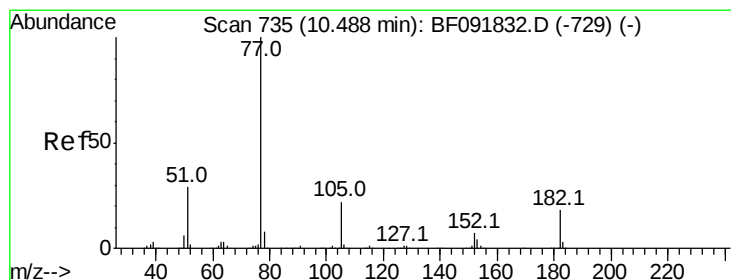
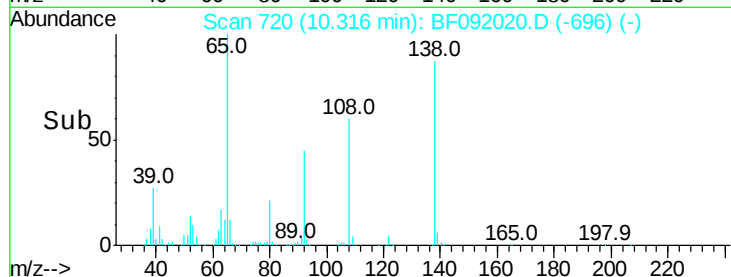
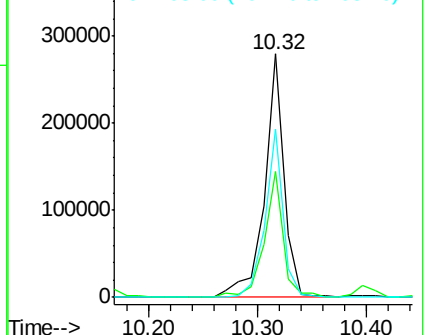
108 68.9 52.6 92.6



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: 54.90 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion: 77 Resp: 1915152

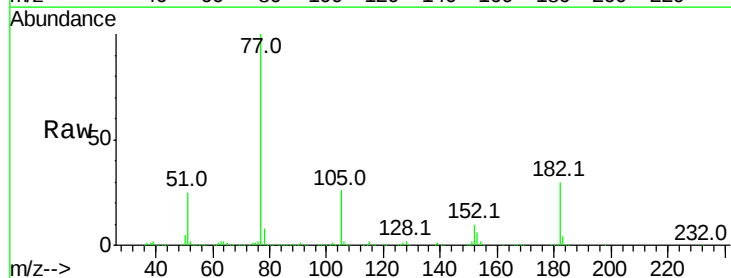
Ion Ratio Lower Upper

77 100

182 30.1 0.0 39.3

105 26.2 2.3 42.3

51 25.0 8.9 48.9

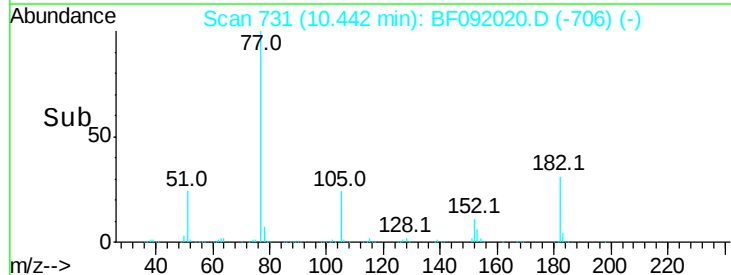
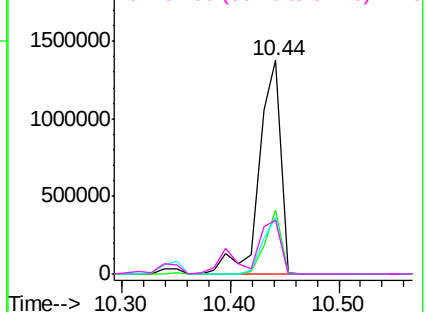


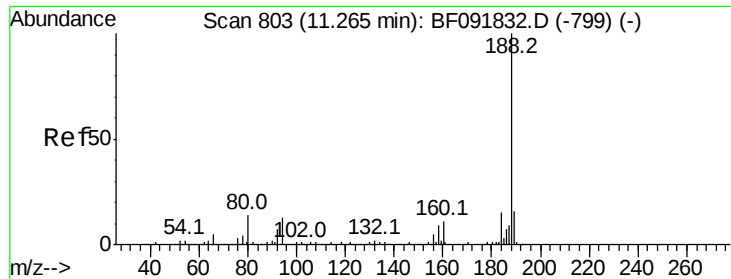
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

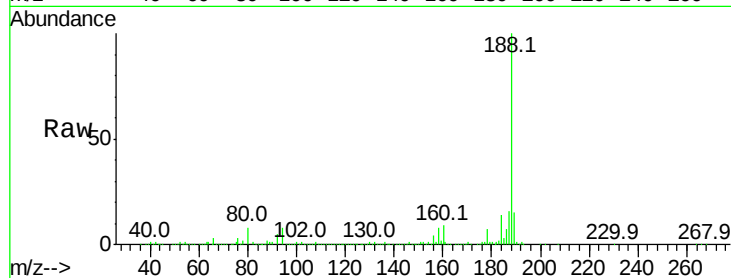




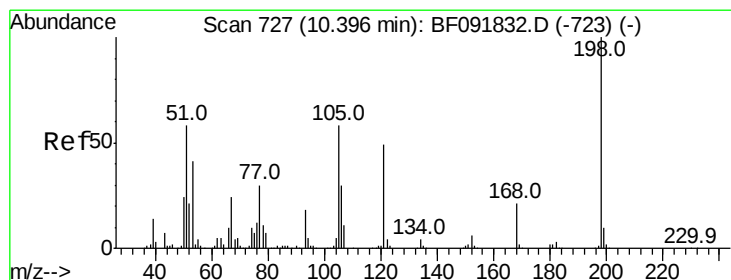
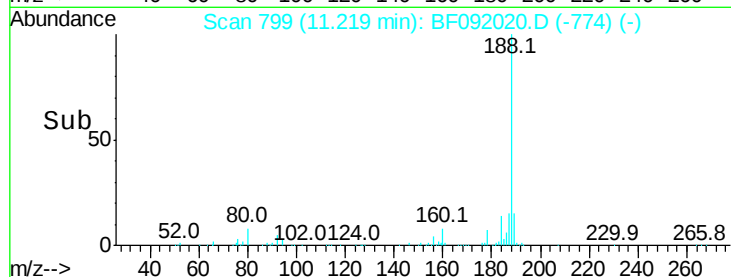
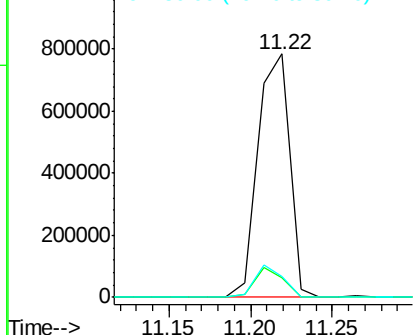
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion:188 Resp: 1062793
Ion Ratio Lower Upper
188 100
94 8.1 10.0 15.0#
80 8.4 11.2 16.8#

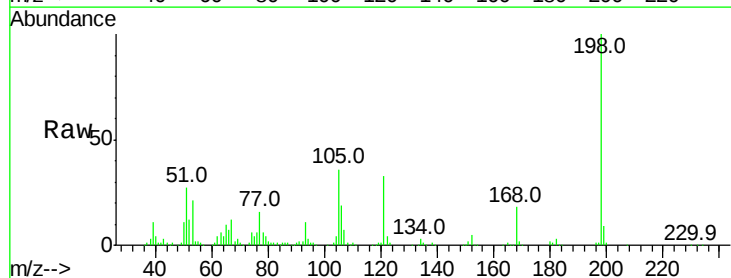


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

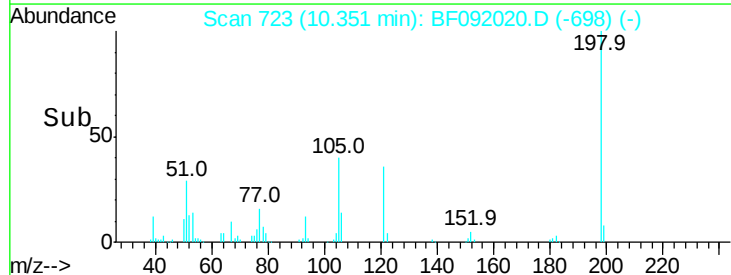
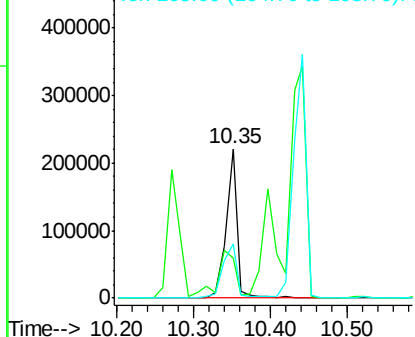


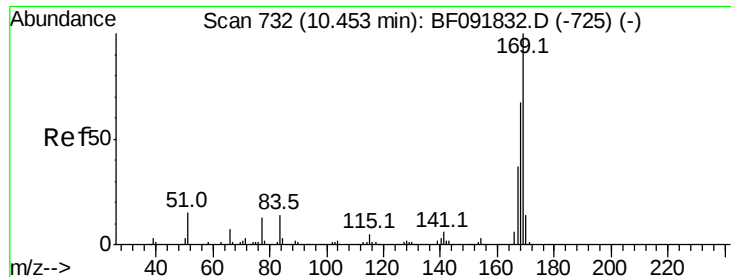
#64
4,6-Dinitro-2-methylphenol
Concen: 35.79 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion:198 Resp: 230029
Ion Ratio Lower Upper
198 100
51 26.8 6.7 46.7
105 36.3 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 42.29 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

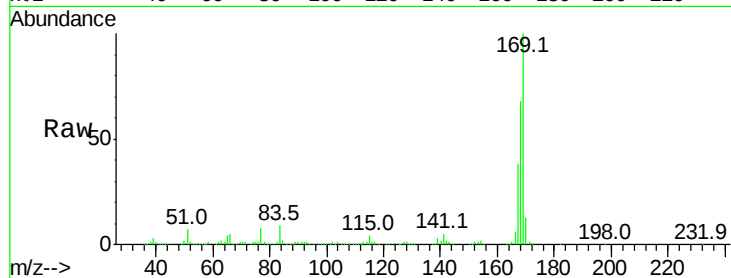
Tot Ion:169 Resp: 1333811

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

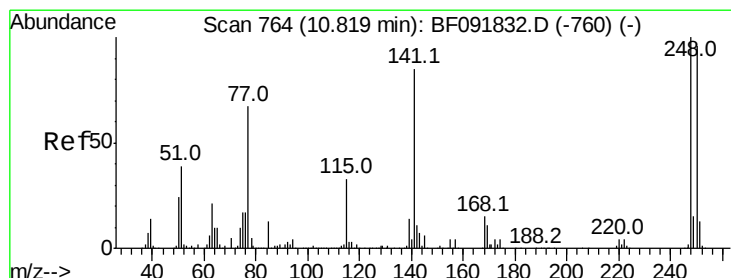
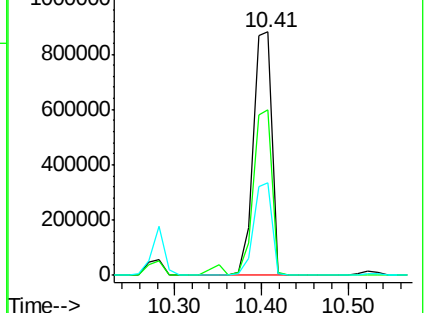
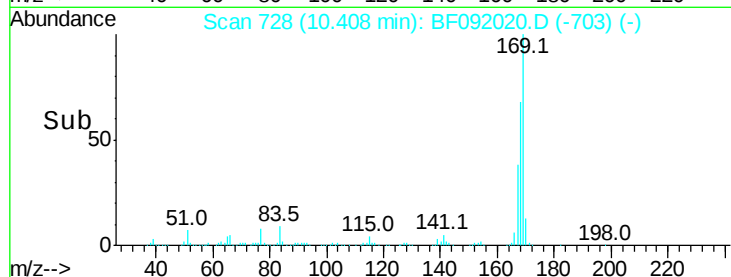
167 38.1 30.2 45.4



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: 37.78 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

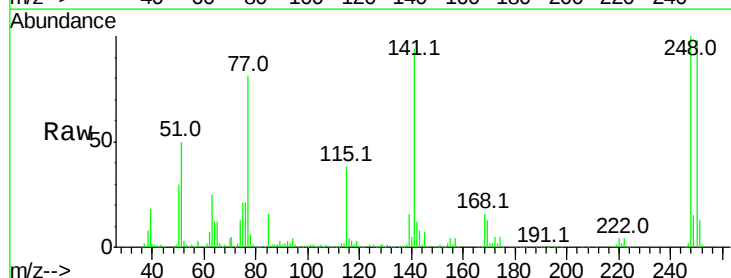
Tgt Ion:248 Resp: 417715

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

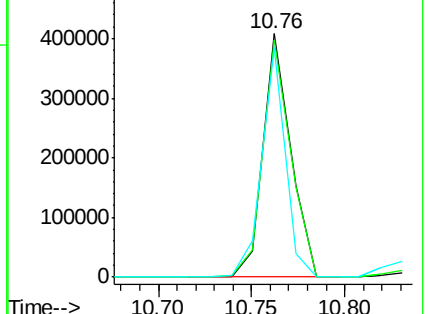
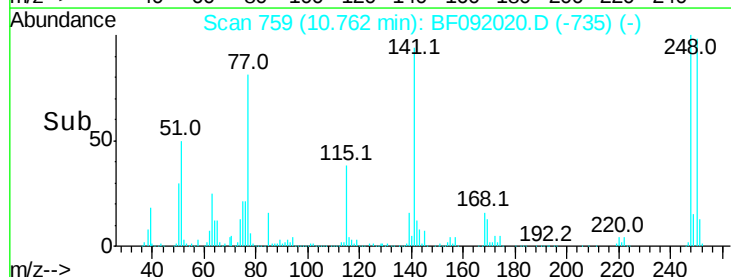
141 94.1 68.2 102.4

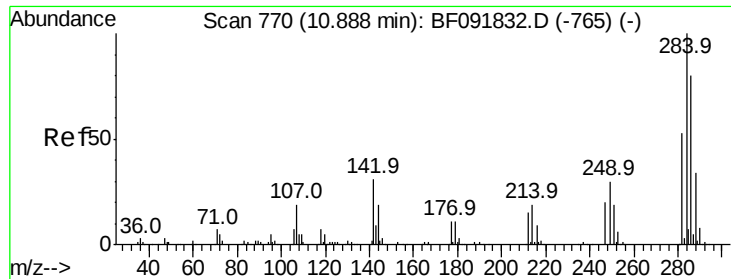


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

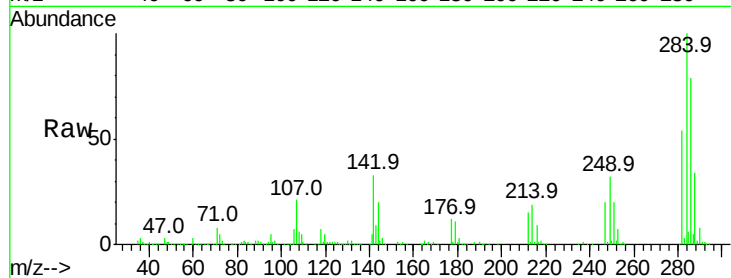




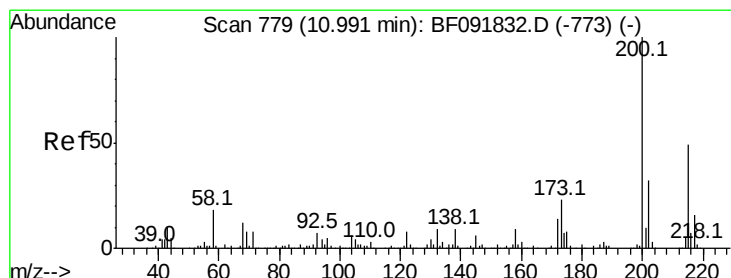
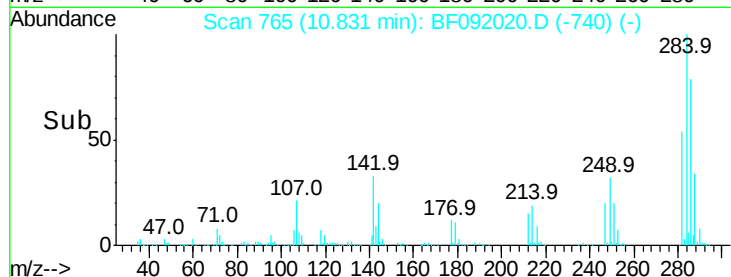
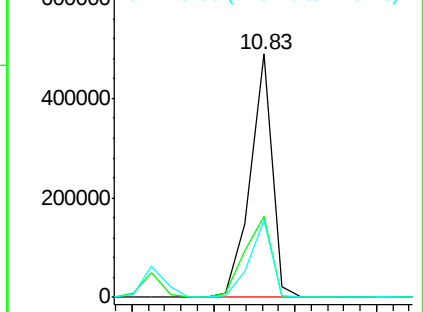
#67
Hexachlorobenzene
Concen: 38.71 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	22.6	33.8
249	31.9	25.4	38.0

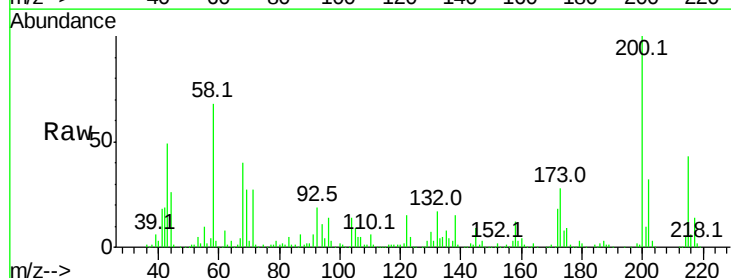


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

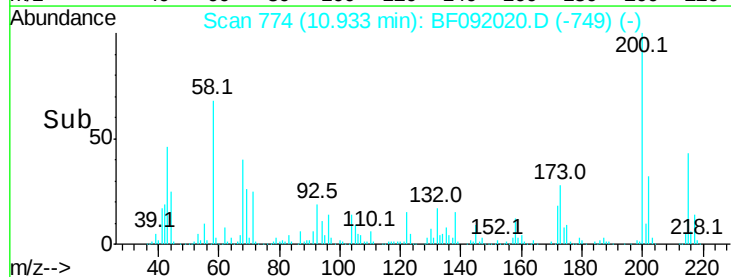
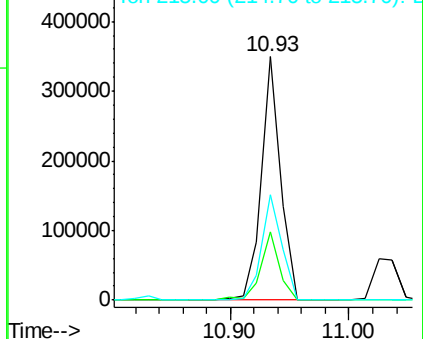


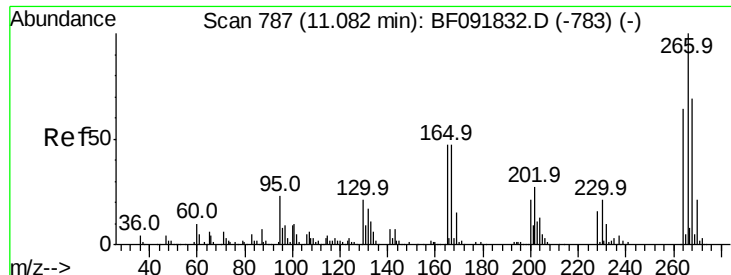
#68
Atrazine
Concen: 38.89 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.6	49.6
215	43.5	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

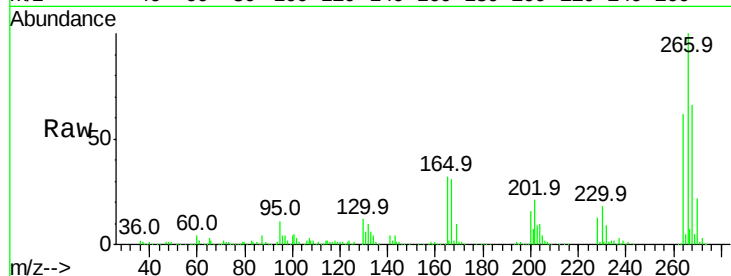




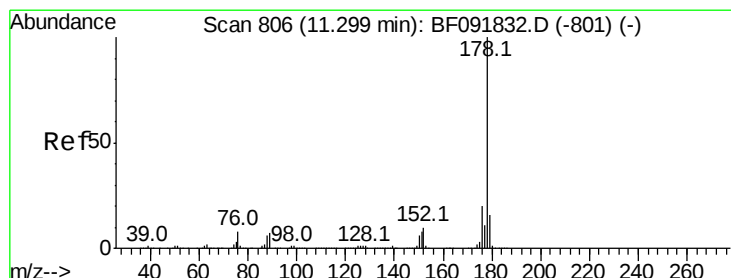
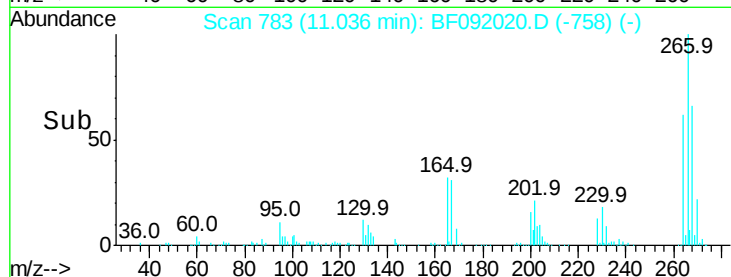
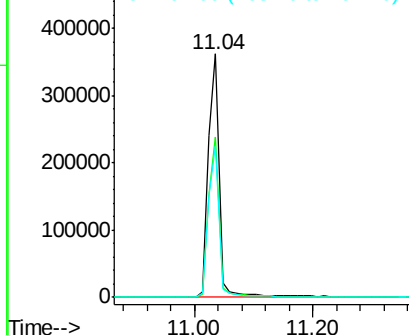
#69
 Pentachlorophenol
 Concen: 80.79 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion:266 Resp: 468423
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.3 79.9
 264 62.1 50.3 75.5

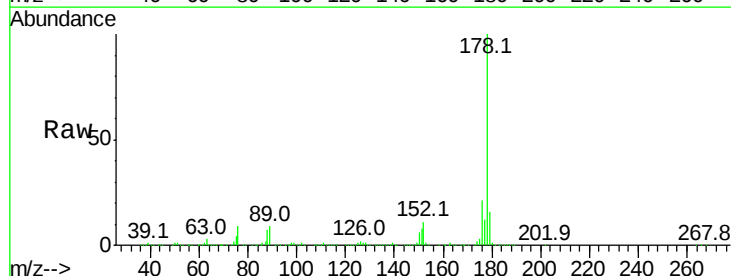


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

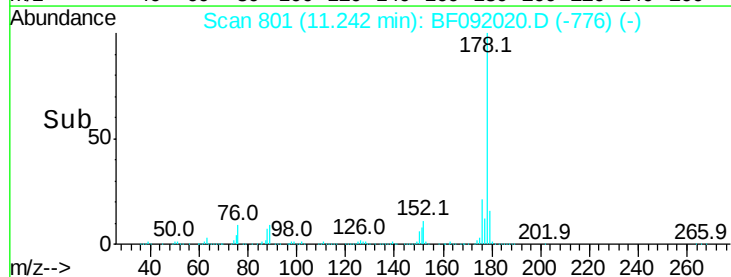
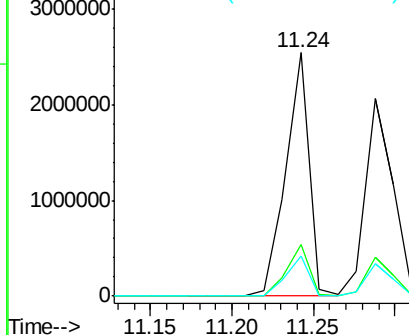


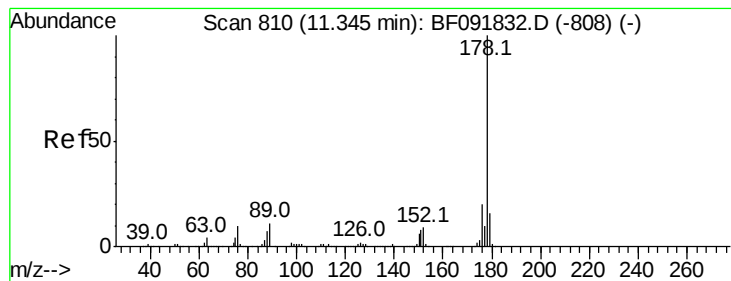
#70
 Phenanthrene
 Concen: 43.91 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:178 Resp: 2530412
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.6 25.0
 179 16.3 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: 48.67 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

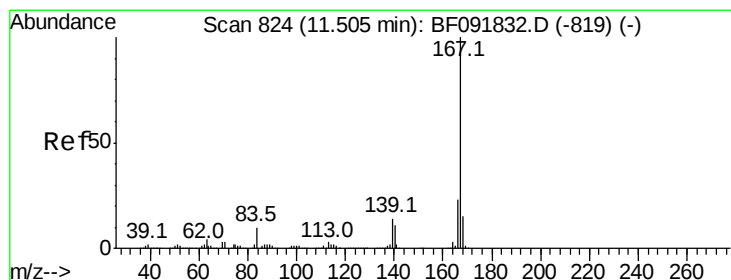
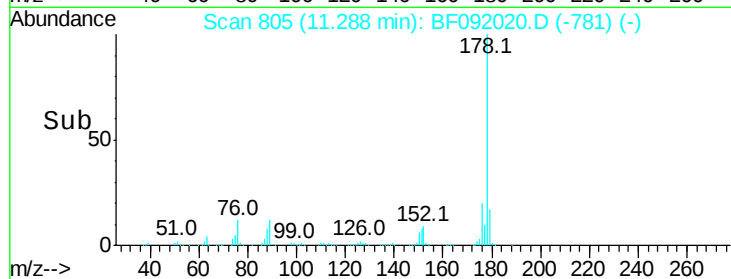
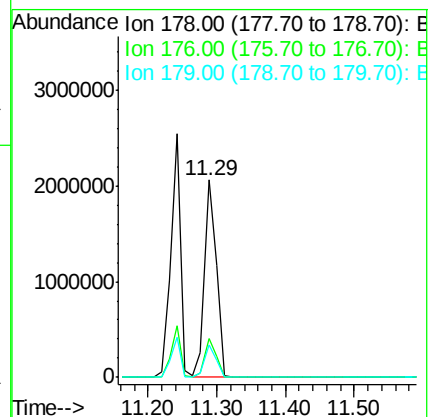
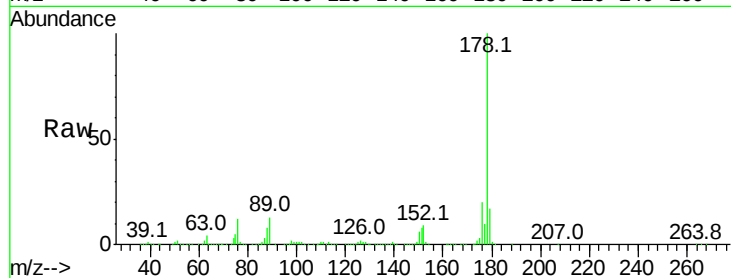
Tot Ion:178 Resp: 2417699

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.6	13.2	19.8

178 100

176 19.9 15.9 23.9

179 16.6 13.2 19.8



#72

Carbazole

Concen: 54.71 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

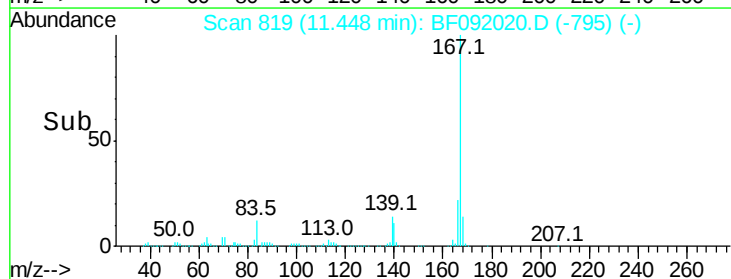
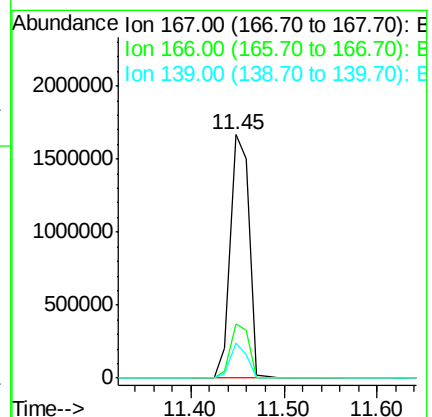
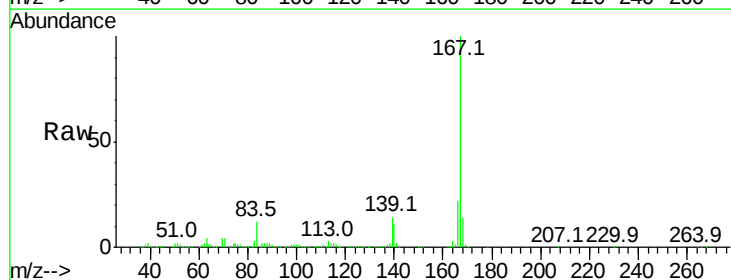
Tgt Ion:167 Resp: 2346303

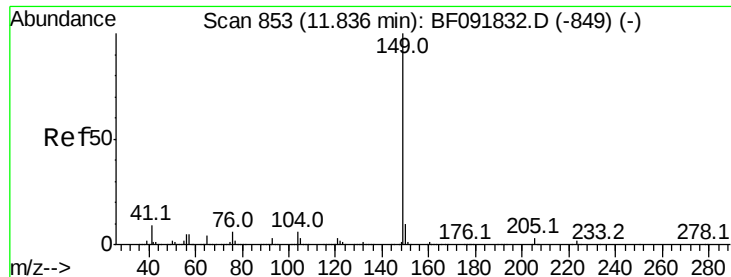
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	14.3	11.4	17.2

167 100

166 22.4 18.2 27.2

139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 57.81 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

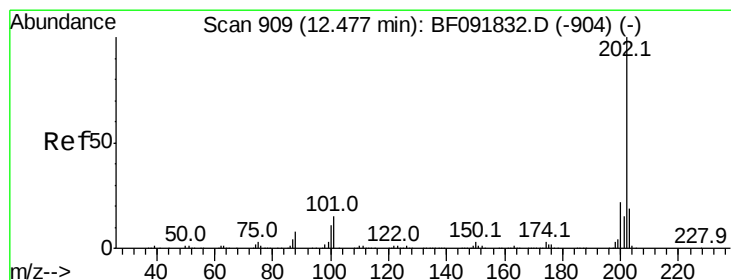
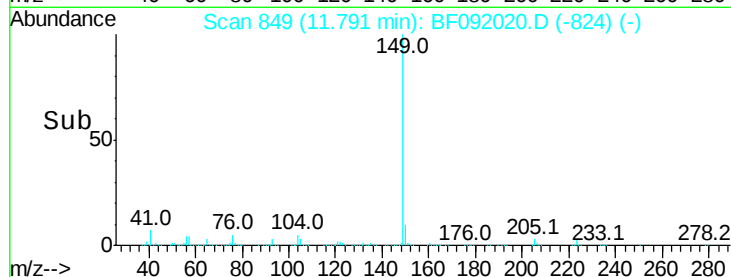
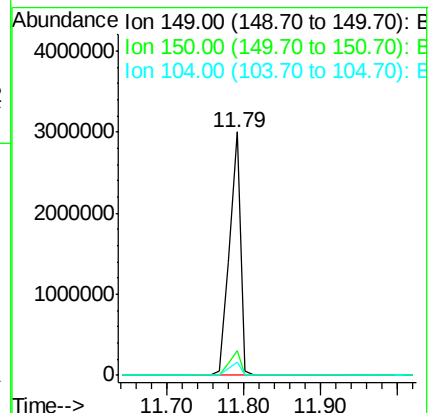
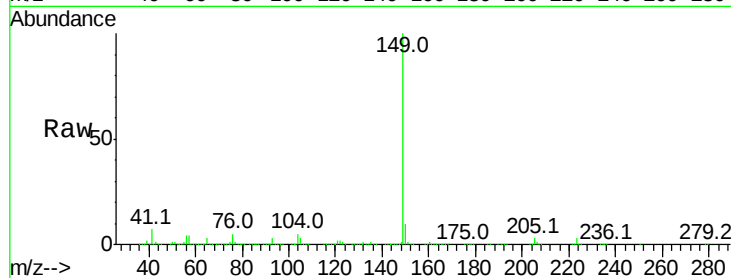
Tot Ion:149 Resp: 3092978

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

104 5.3 4.6 7.0



#74

Fluoranthene

Concen: 50.50 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

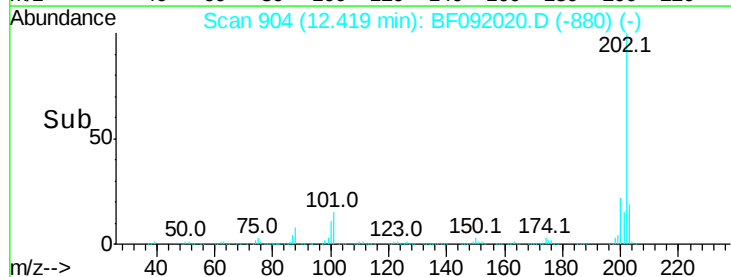
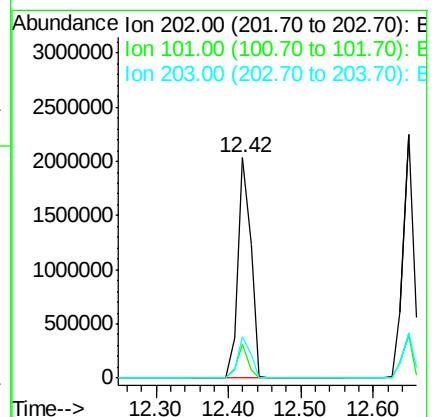
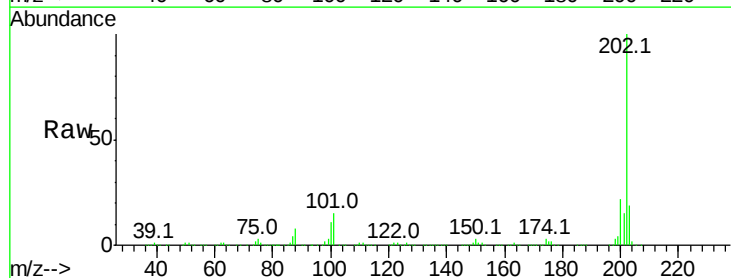
Tgt Ion:202 Resp: 2529462

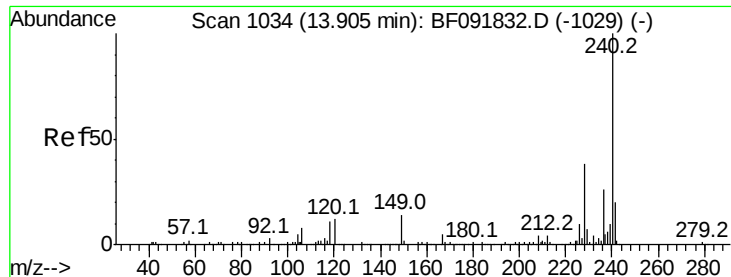
Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

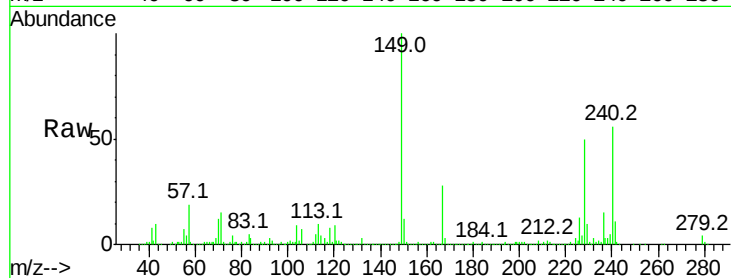
Tot Ion:240 Resp: 647935

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

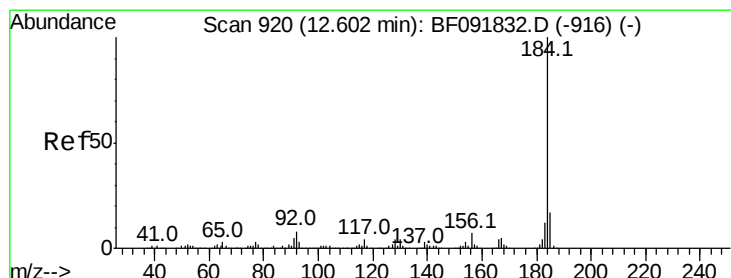
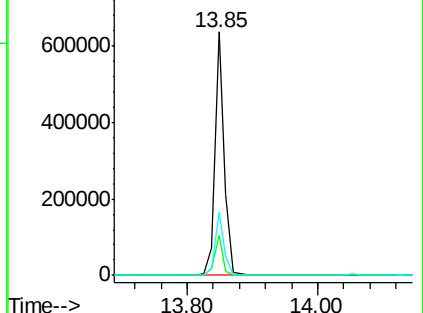
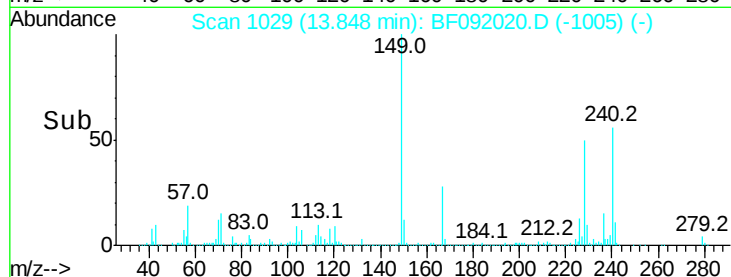
236 26.0 20.9 31.3



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: 26.24 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

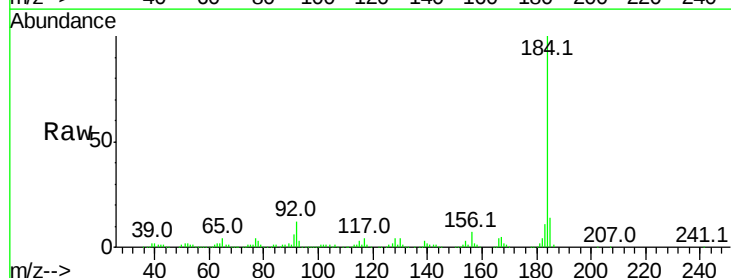
Tgt Ion:184 Resp: 482612

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

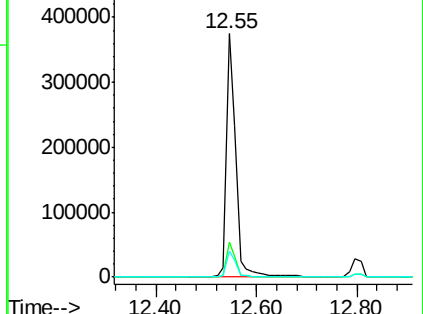
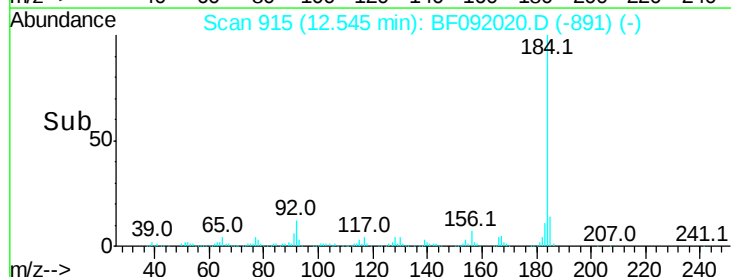
183 10.6 9.2 13.8

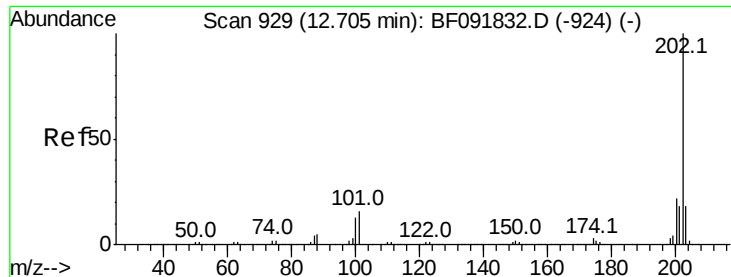


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

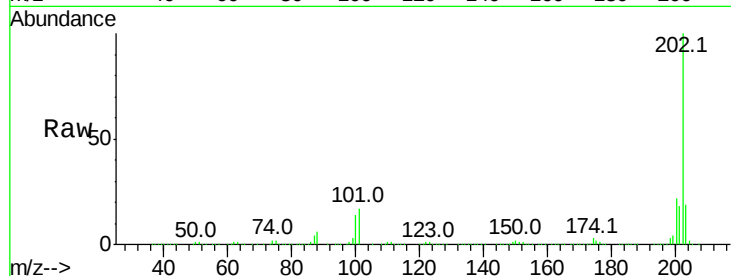




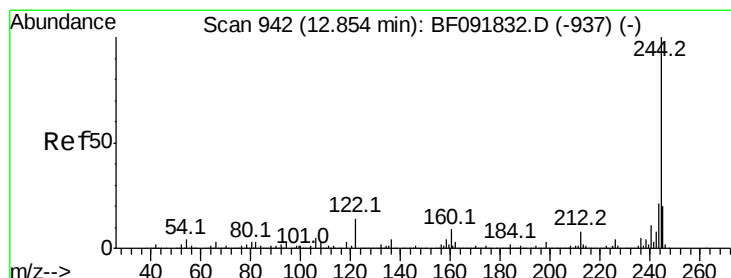
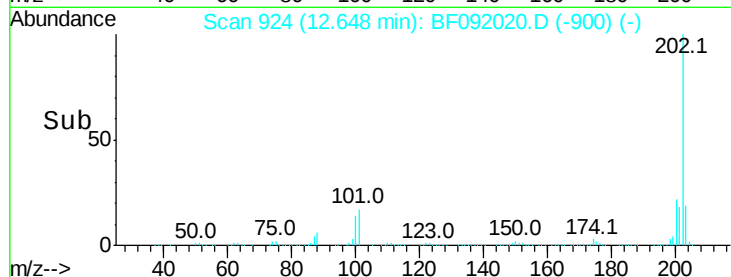
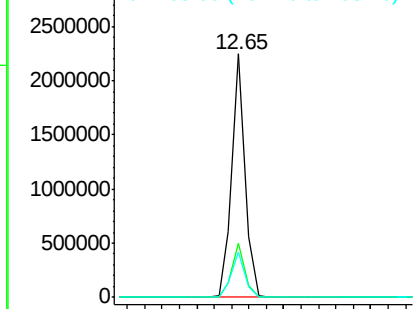
#77
Pvrene
Concen: 49.62 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion:202 Resp: 2358944
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.6 14.7 22.1

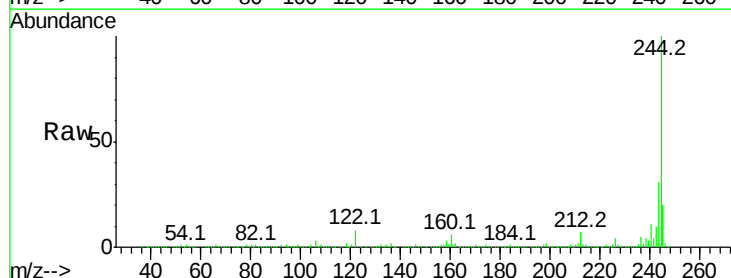


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

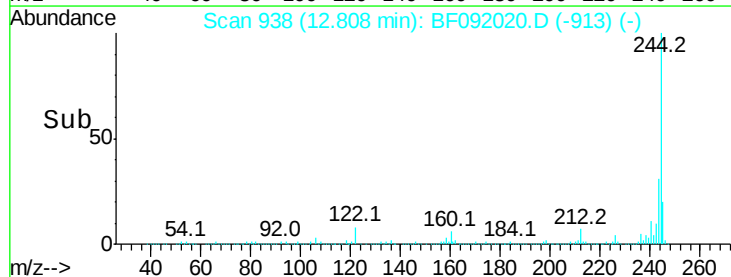
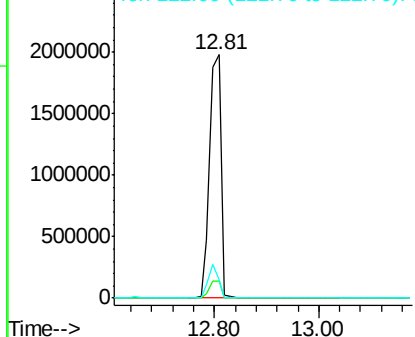


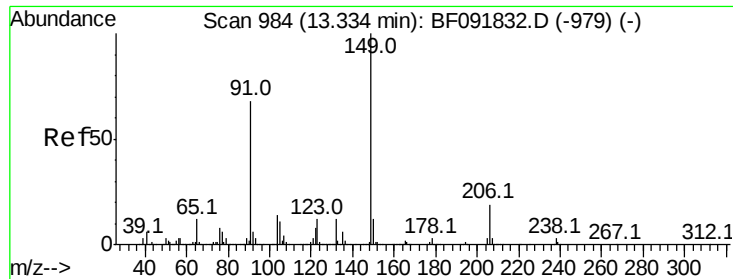
#78
Terphenyl-d14
Concen: 113.17 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion:244 Resp: 3023318
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 7.6 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

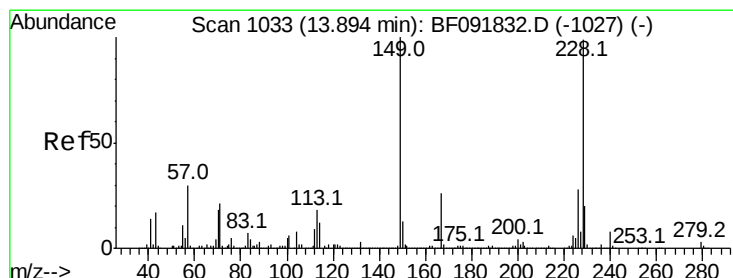
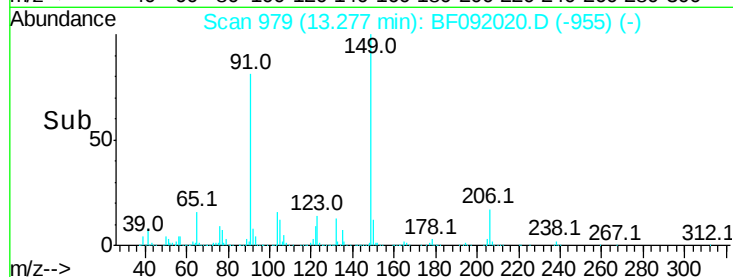
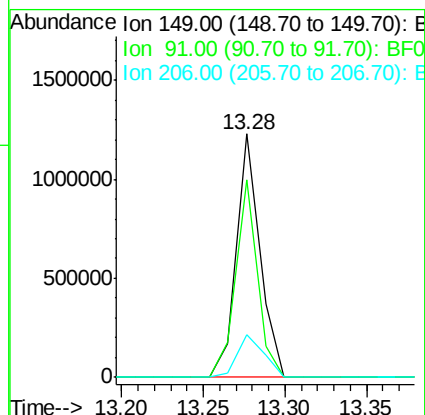
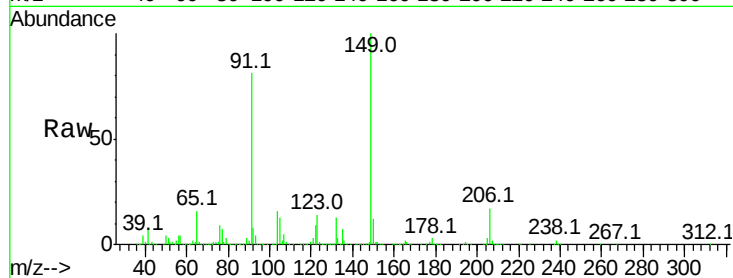




#79
Butylbenzylphthalate
Concen: 56.43 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

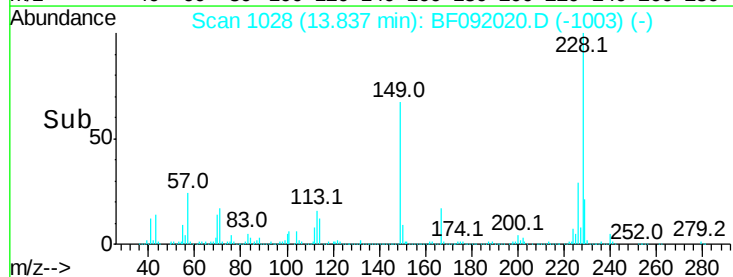
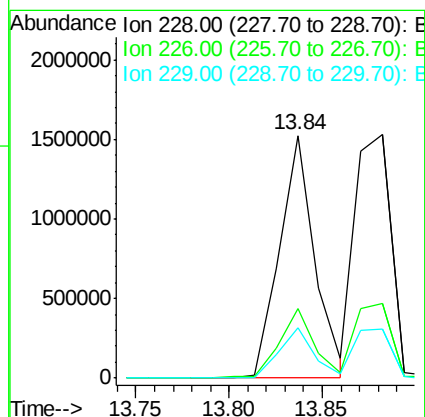
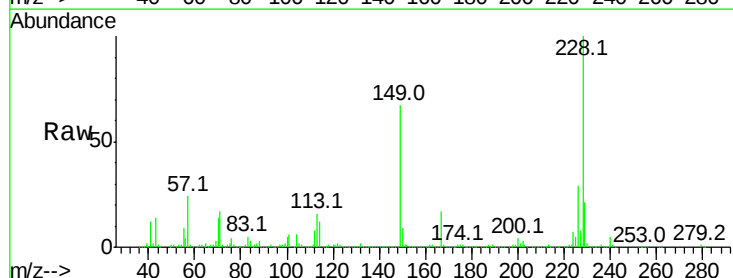
Instrument :
BNA_F
ClientSampleId :
MW-01MS

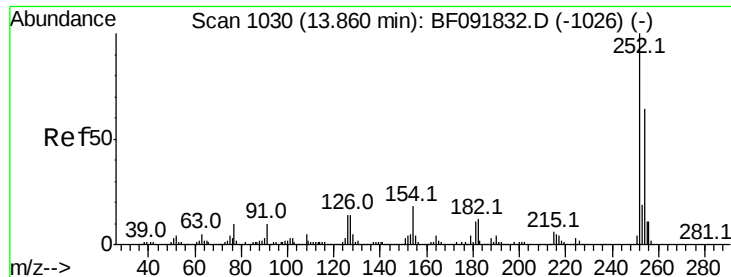
Tot Ion:149 Resp: 1220035
Ion Ratio Lower Upper
149 100
91 80.9 63.9 95.9
206 17.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 54.95 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion:228 Resp: 2009588
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.6 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 45.90 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

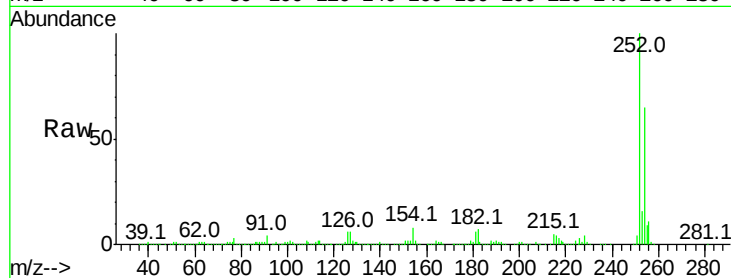
Tot Ion:252 Resp: 636552

Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

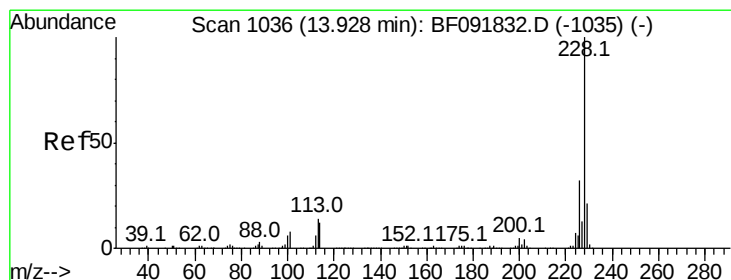
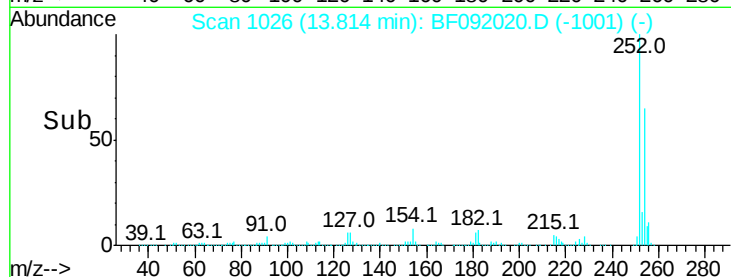
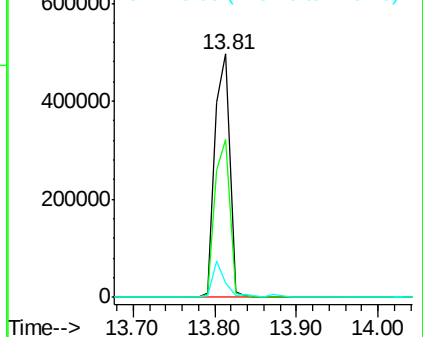
126 6.0 13.6 20.4#



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: 56.74 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

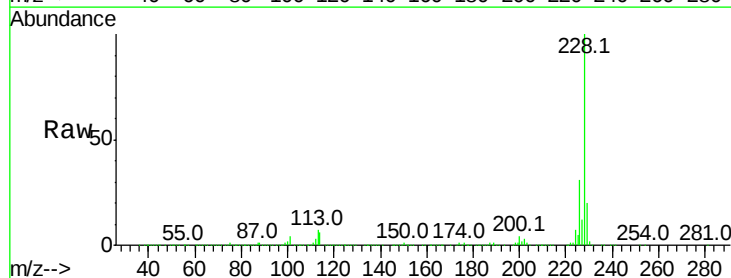
Tgt Ion:228 Resp: 2081520

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

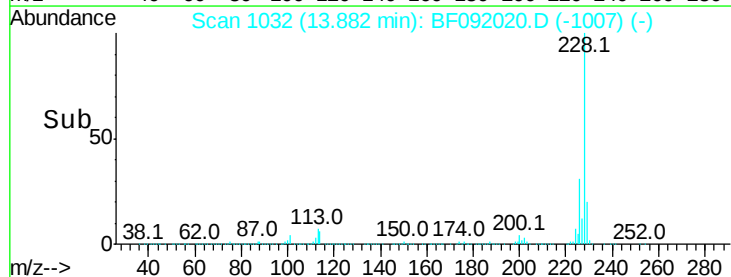
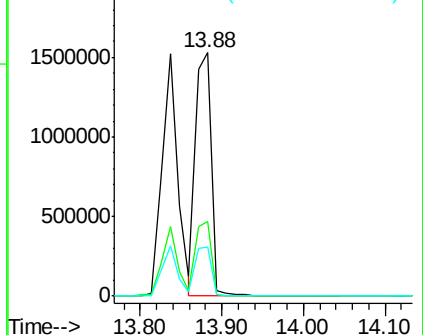
229 19.9 16.2 24.2

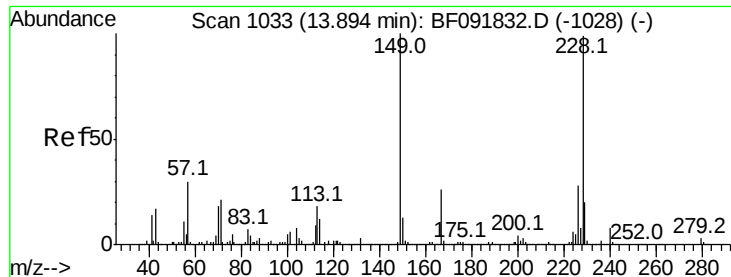


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

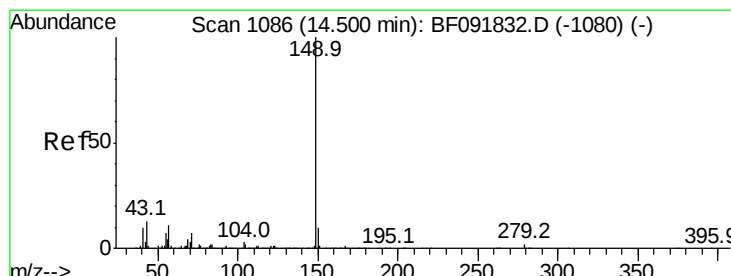
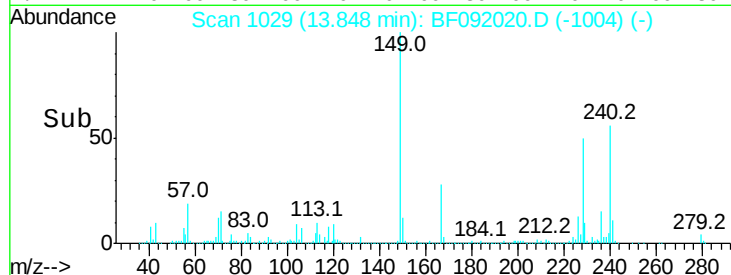
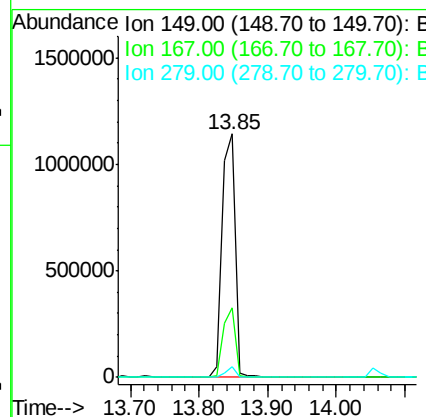
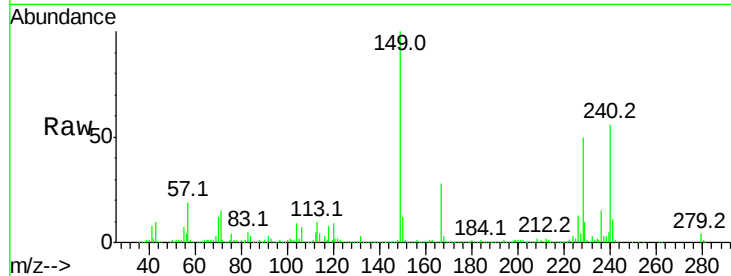




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.53 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

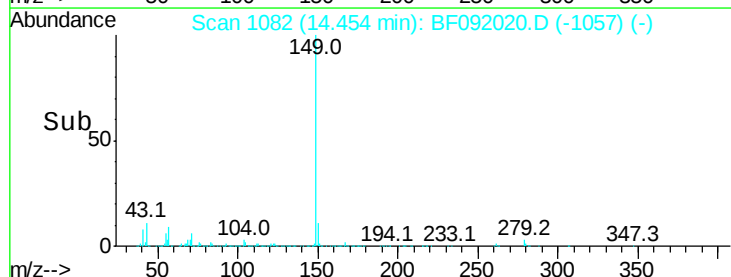
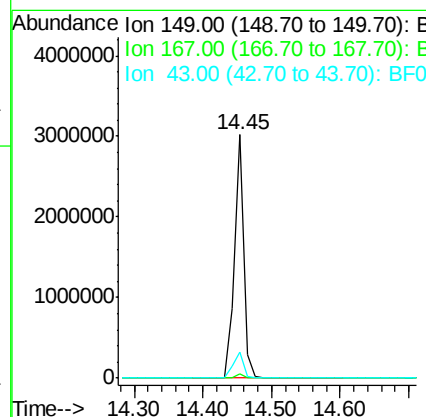
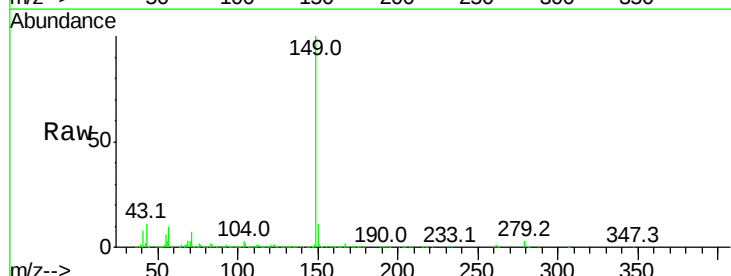
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

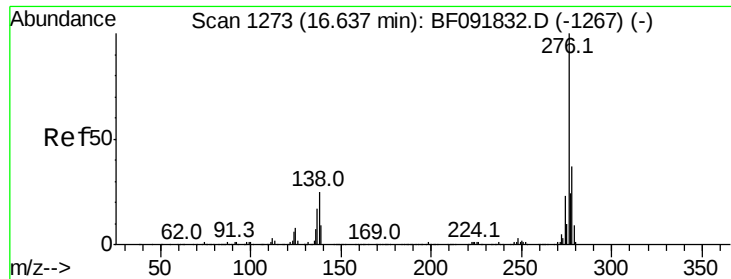
Tot Ion:149 Resp: 1541208
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.2 30.4
 279 4.5 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 61.57 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:149 Resp: 2903960
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 58.98 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

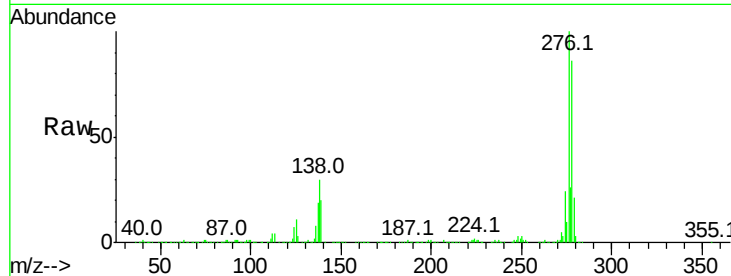
BNA_F

ClientSampleId :

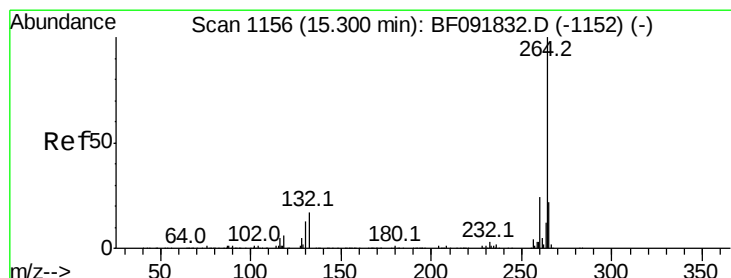
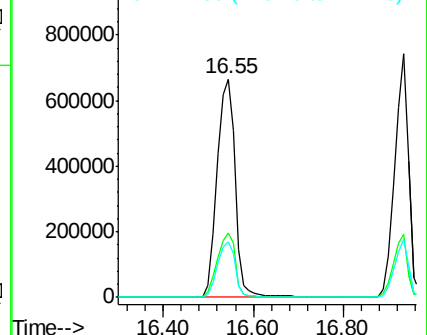
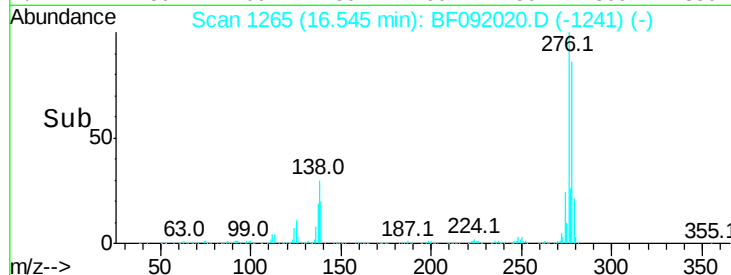
MW-01MS

Tot Ion:276 Resp: 1874655

Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.6
277	25.0	20.2	30.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1150

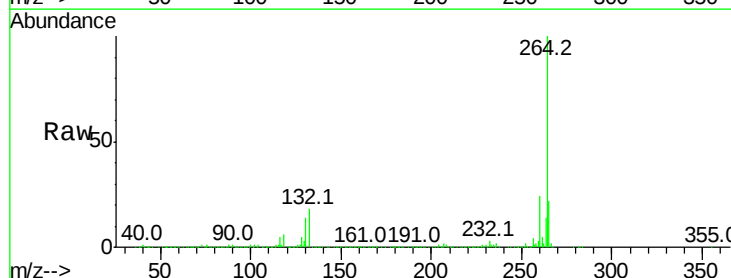
Delta R.T. -0.02 min

Lab File: BF092020.D

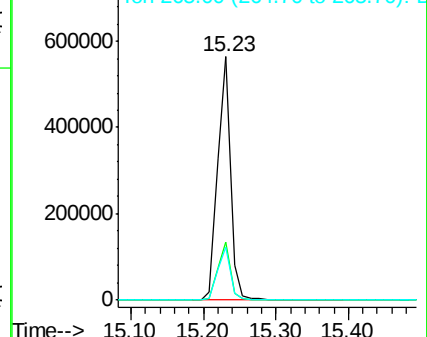
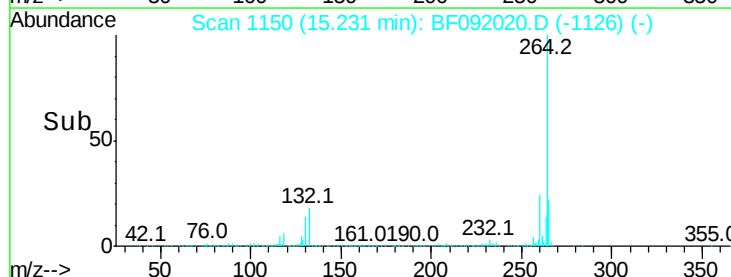
Acq: 29 Dec 2016 12:58

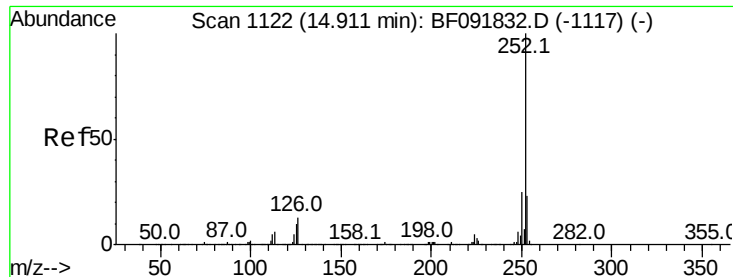
Tgt Ion:264 Resp: 700081

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 87.61 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.01 min

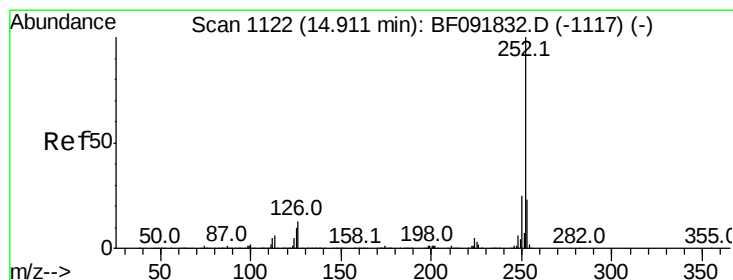
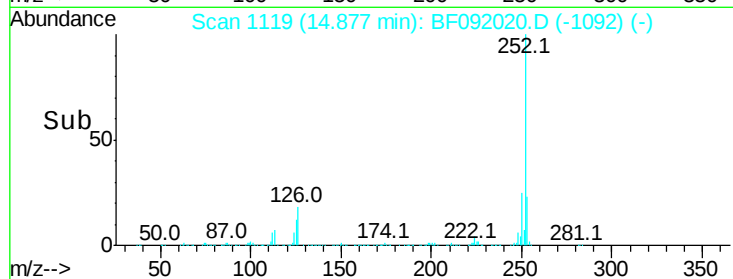
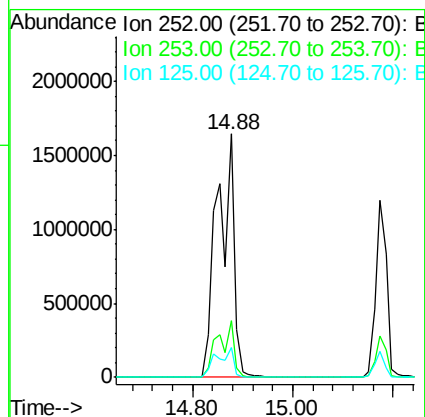
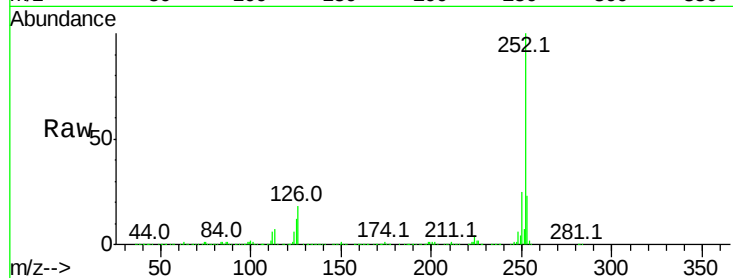
Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion:252 Resp: 3818786

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.5	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 102.77 ng

RT: 14.88 min Scan# 1119

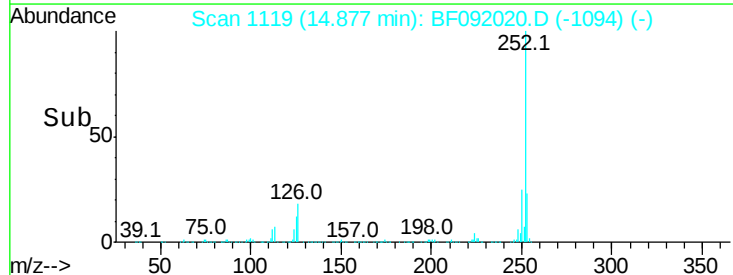
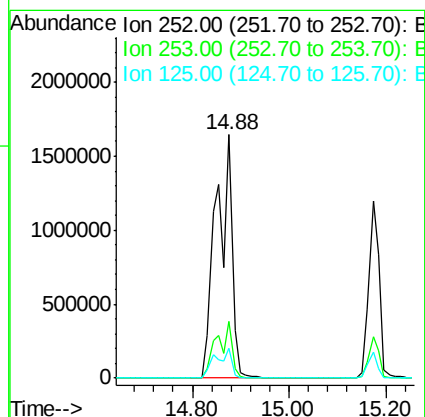
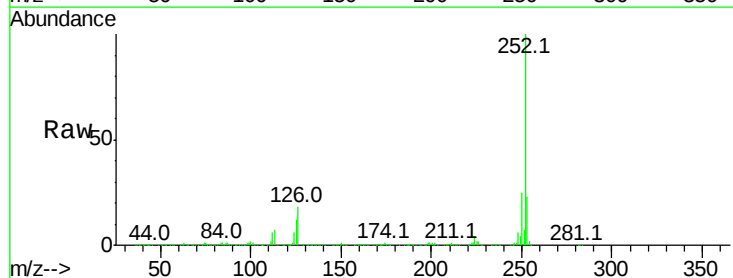
Delta R.T. -0.01 min

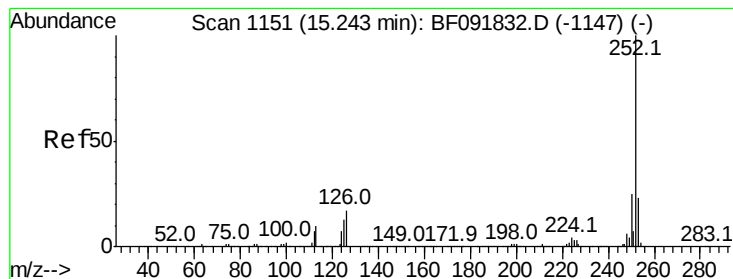
Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:252 Resp: 3819579

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.5	8.9	13.3





#89

Benzo(a)pyrene

Concen: 46.84 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

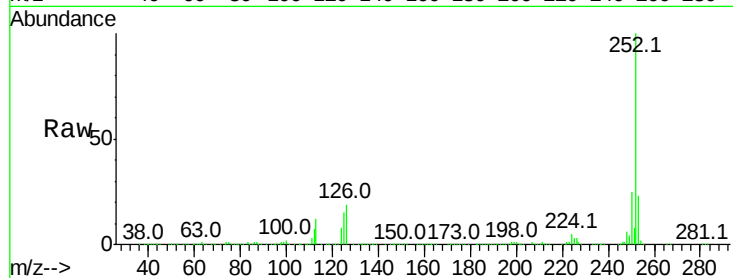
Tot Ion:252 Resp: 1812123

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

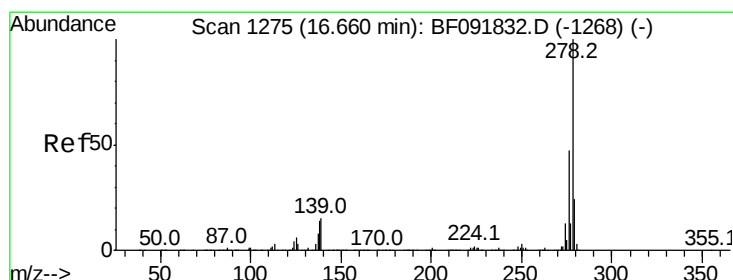
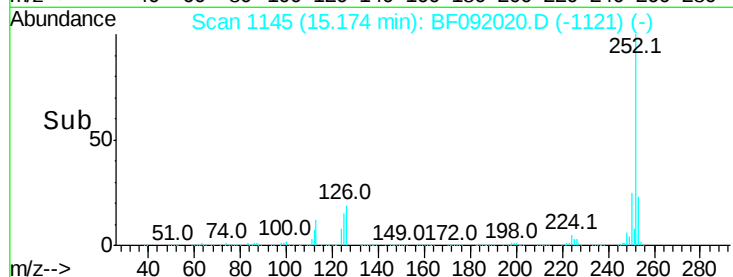
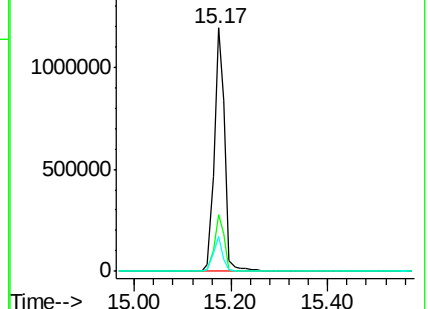
125 14.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.55 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

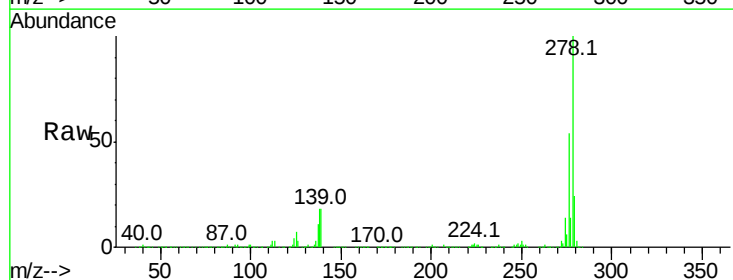
Tgt Ion:278 Resp: 1511956

Ion Ratio Lower Upper

278 100

139 18.2 14.8 22.2

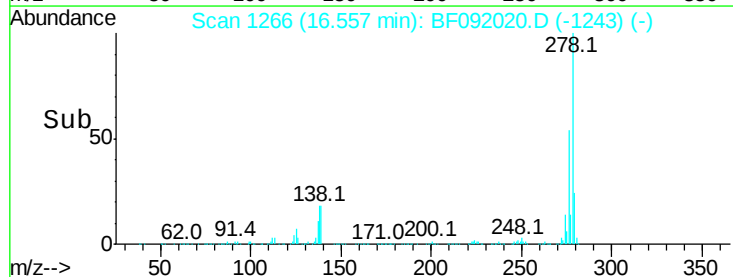
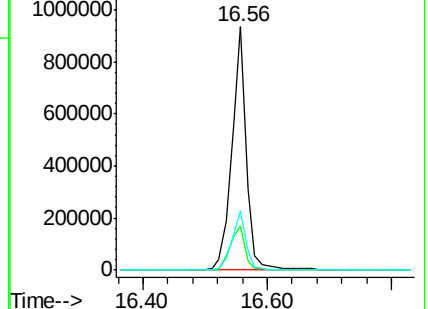
279 24.1 19.8 29.6

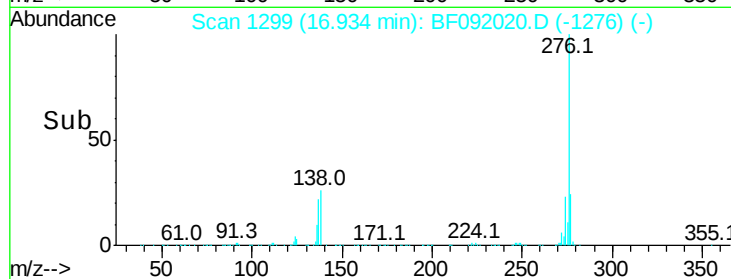
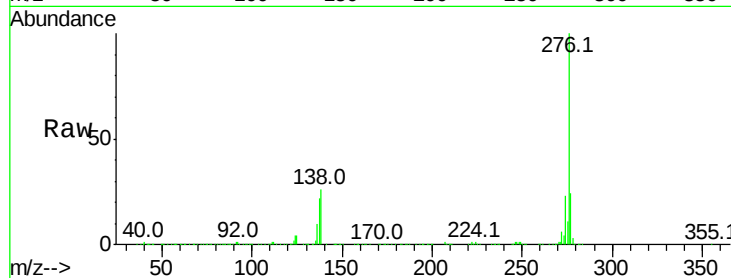
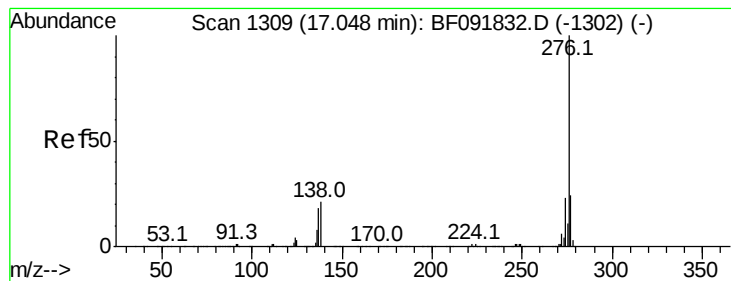


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.82 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:276 Resp: 1614007

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 25.8 16.0 24.0#

