

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119418.D
 Acq On : 18 Mar 2020 16:35
 Operator : CG/JU
 Sample : L1917-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

Quant Time: Mar 19 01:16:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	352194	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1352477	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	676356	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1235605	20.00	ng	0.00
76) Chrysene-d12	14.03	240	778524	20.00	ng	0.00
87) Perylene-d12	15.49	264	623567	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1254107	56.69	ng	0.00
7) Phenol-d6	6.46	99	1001420	35.43	ng	-0.01
23) Nitrobenzene-d5	7.42	82	2200701	88.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	862951	123.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3597851	78.81	ng	0.00
79) Terphenyl-d14	12.98	244	3748591	94.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	491	0.04	ng	# 1
3) Pyridine	3.48	79	122	0.00	ng	# 1
4) n-Nitrosodimethylamine	3.30	42	173	0.01	ng	# 1
6) Aniline	6.52	93	560	0.01	ng	# 76
9) Benzaldehyde	6.40	77	5587	0.31	ng	94
10) Phenol	6.47	94	12913	0.43	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	242	0.01	ng	# 15
12) 1,3-Dichlorobenzene	6.87	146	489	0.02	ng	# 53
13) 1,4-Dichlorobenzene	6.87	146	489	0.02	ng	# 66
14) 1,2-Dichlorobenzene	7.01	146	487	0.02	ng	# 1
15) Benzyl Alcohol	7.01	79	34634	1.63	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.14	45	402	0.01	ng	63
17) 2-Methylphenol	7.09	107	130	0.01	ng	# 69
18) Hexachloroethane	7.35	117	209	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	297905	17.49	ng	# 77
20) 3+4-Methylphenols	7.25	107	425	0.02	ng	# 1
22) Acetophenone	7.25	105	6591	0.20	ng	# 83
24) Nitrobenzene	7.42	77	8746	0.33	ng	# 34
25) Isophorone	7.42	82	2196088	43.50	ng	# 66
27) 2,4-Dimethylphenol	7.80	122	1697	0.08	ng	# 31
28) bis(2-Chloroethoxy)methane	7.89	93	1204	0.04	ng	# 60
31) Naphthalene	8.16	128	35866	0.52	ng	97
32) Benzoic acid	7.91	122	783	0.06	ng	85
33) 4-Chloroaniline	8.16	127	4642	0.15	ng	# 43
35) Caprolactam	8.60	113	134	0.02	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	2425	0.11	ng	# 19
37) 2-Methylnaphthalene	8.85	142	20881	0.46	ng	100
38) 1-Methylnaphthalene	8.85	142	20881	0.48	ng	96
46) 1,1'-Biphenyl	9.32	154	16698	0.30	ng	94
47) 2-Chloronaphthalene	9.35	162	129	0.00	ng	# 37
48) 2-Nitroaniline	9.46	65	639	0.04	ng	# 48
49) Acenaphthylene	9.76	152	18674	0.28	ng	94
50) Dimethylphthalate	9.61	163	358209	7.46	ng	99
51) 2,6-Dinitrotoluene	9.65	165	3748	0.36	ng	# 33

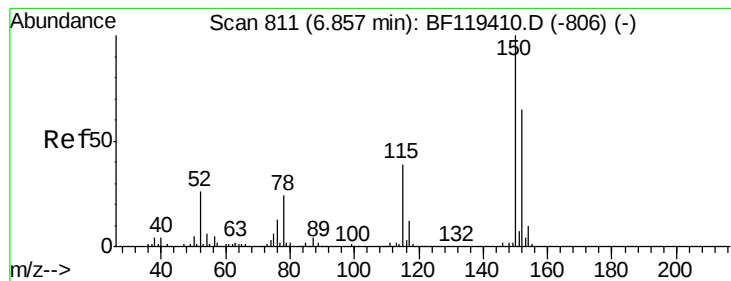
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119418.D
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Quant Time: Mar 19 01:16:21 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.93	154	6031	0.14	ng	94
53) 3-Nitroaniline	9.86	138	127	0.01	ng	# 1
55) Dibenzofuran	10.10	168	3654	0.06	ng	# 88
56) 4-Nitrophenol	9.98	139	1520	0.15	ng	# 65
57) 2,4-Dinitrotoluene	10.16	165	4048	0.31	ng	# 64
58) Fluorene	10.45	166	6643	0.15	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	151	0.01	ng	# 24
60) Diethylphthalate	10.32	149	7974	0.16	ng	94
61) 4-Chlorophenyl-phenylether	10.62	204	311	0.01	ng	# 40
62) 4-Nitroaniline	10.71	138	570	0.05	ng	94
63) Azobenzene	10.59	77	576	0.01	ng	# 43
65) 4,6-Dinitro-2-methylphenol	10.69	198	2283	0.44	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	1733	0.04	ng	# 13
67) 4-Bromophenyl-phenylether	10.69	248	53648	3.81	ng	# 1
69) Atrazine	11.08	200	125	0.01	ng	# 12
70) Pentachlorophenol	11.18	266	922	0.11	ng	91
71) Phenanthrene	11.40	178	31758	0.50	ng	98
72) Anthracene	11.46	178	15856	0.24	ng	99
73) Carbazole	11.61	167	6292	0.10	ng	# 86
74) Di-n-butylphthalate	11.95	149	7299	0.11	ng	# 90
75) Fluoranthene	12.60	202	50798	0.73	ng	98
77) Benzidine	12.98	184	48694	1.48	ng	# 92
78) Pyrene	12.83	202	63311	0.99	ng	98
80) Butylbenzylphthalate	13.42	149	536	0.02	ng	# 10
81) Benzo(a)anthracene	14.02	228	26717	0.53	ng	# 78
82) 3,3'-Dichlorobenzidine	13.98	252	324	0.02	ng	# 10
83) Chrysene	14.05	228	26422	0.51	ng	# 94
84) Bis(2-ethylhexyl)phthalate	14.02	149	5560	0.18	ng	# 84
85) Di-n-octyl phthalate	14.63	149	219	0.00	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.95	276	12707	0.26	ng	# 92
88) Benzo(b)fluoranthene	15.06	252	34573	0.83	ng	# 96
89) Benzo(k)fluoranthene	15.06	252	34573	0.87	ng	# 96
90) Benzo(a)pyrene	15.42	252	19444	0.51	ng	# 94
91) Dibenzo(a,h)anthracene	16.96	278	3506	0.11	ng	# 72
92) Benzo(g,h,i)perylene	17.39	276	12326	0.37	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

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ClientSampleId :

MH-F

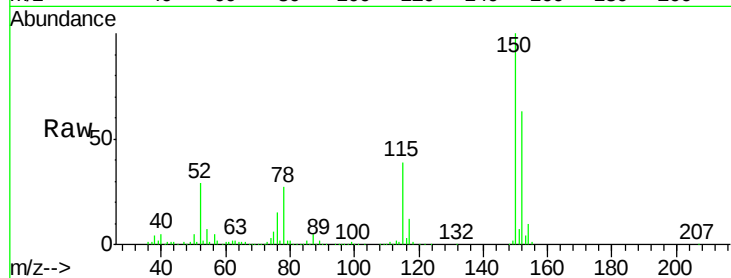
Tgt Ion:152 Resp: 352194

Ion Ratio Lower Upper

152 100

150 159.8 123.9 185.9

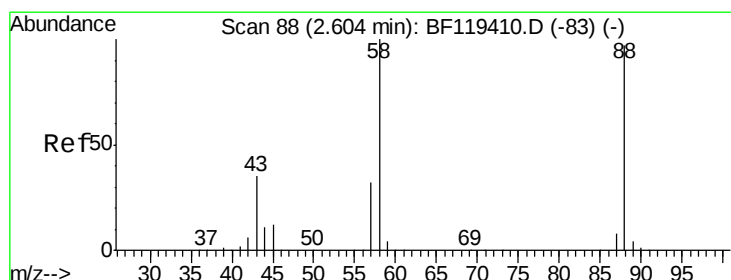
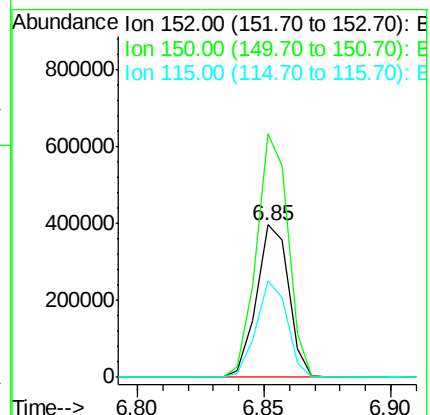
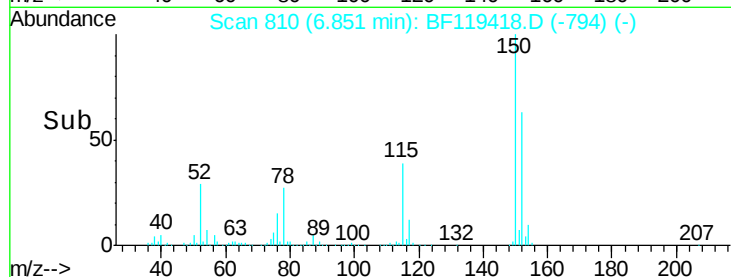
115 62.9 47.8 71.6



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: 0.04 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.05 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

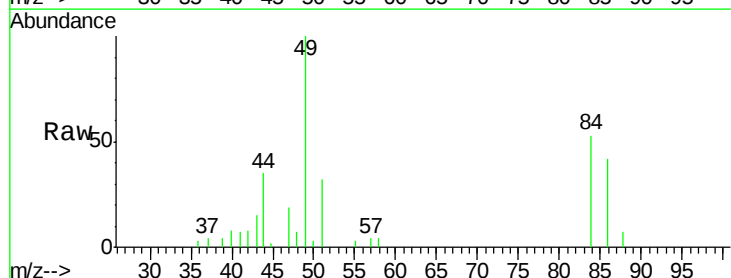
Tgt Ion: 88 Resp: 491

Ion Ratio Lower Upper

88 100

58 229.5 79.4 119.2#

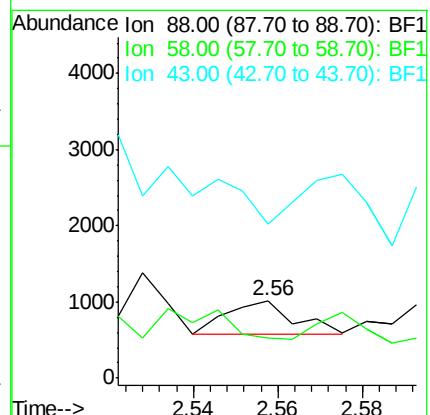
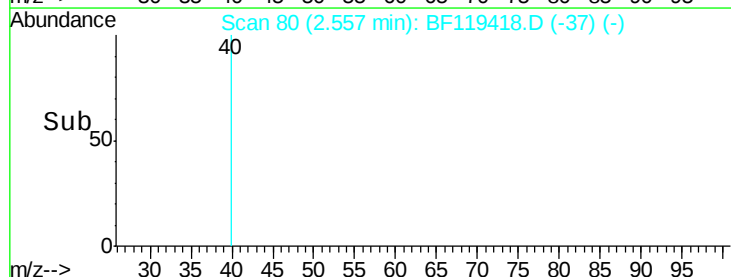
43 210.8 28.4 42.6#

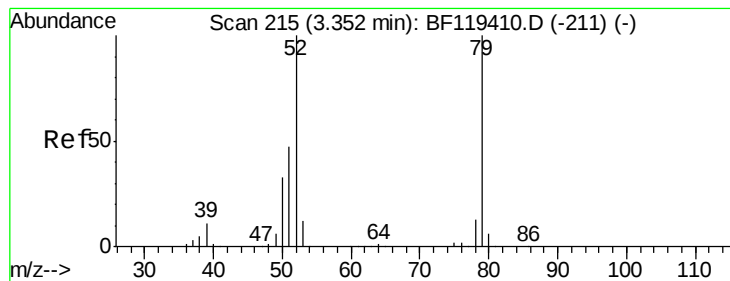


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.00 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.12 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

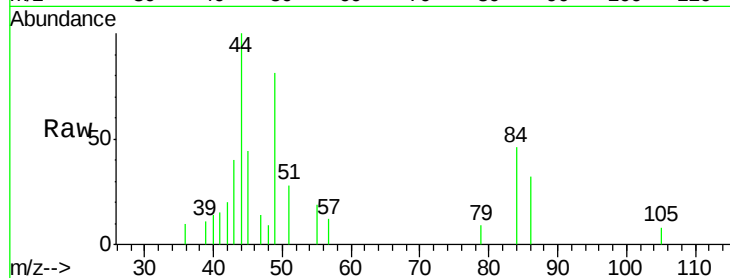
Tgt Ion: 79 Resp: 122

Ion Ratio Lower Upper

79 100

52 0.0 80.0 120.0#

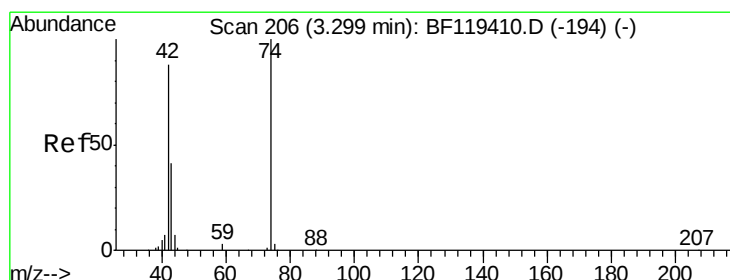
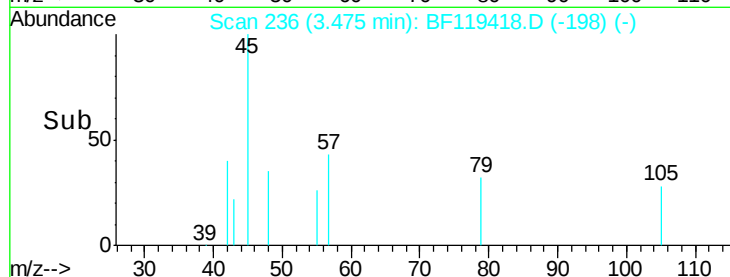
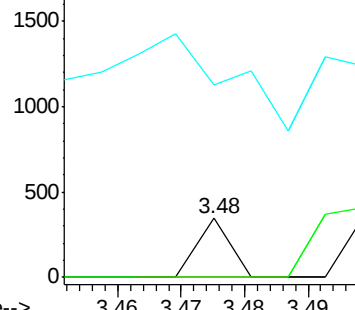
51 325.1 37.9 56.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

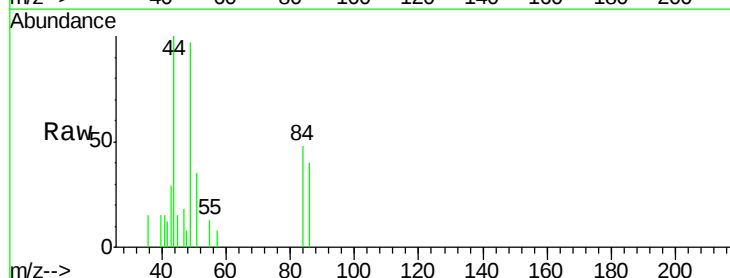
Tgt Ion: 42 Resp: 173

Ion Ratio Lower Upper

42 100

74 0.0 91.3 136.9#

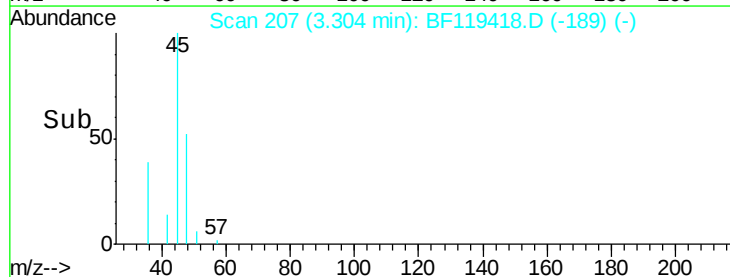
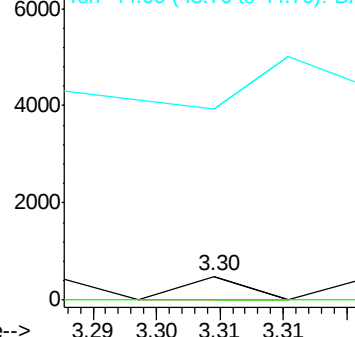
44 805.3 7.1 10.7#

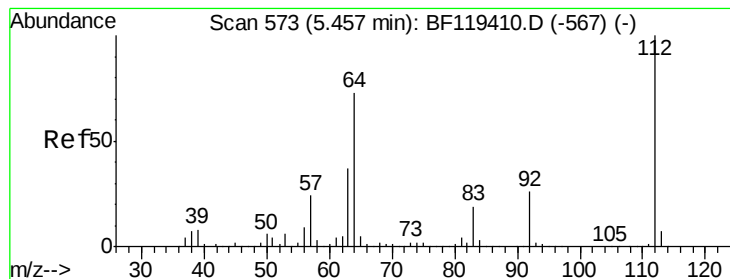


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 56.69 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

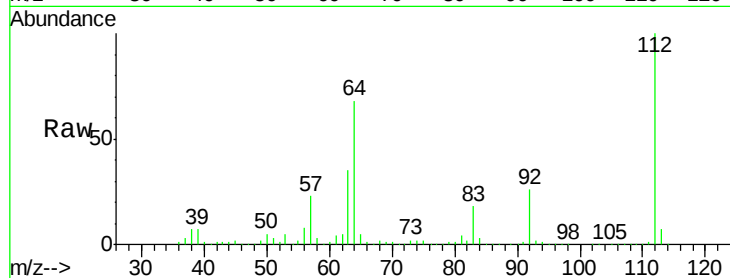
Tgt Ion: 112 Resp: 1254107

Ion Ratio Lower Upper

112 100

64 68.3 58.1 87.1

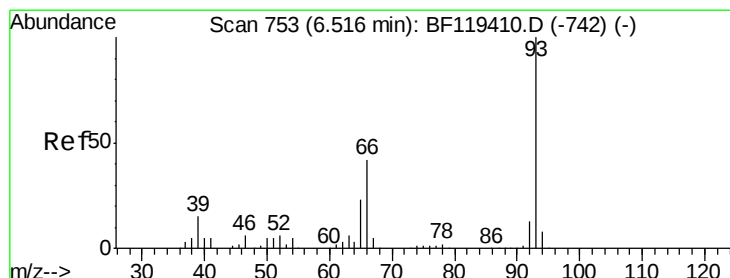
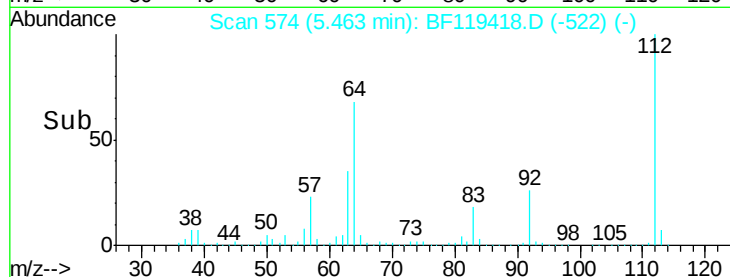
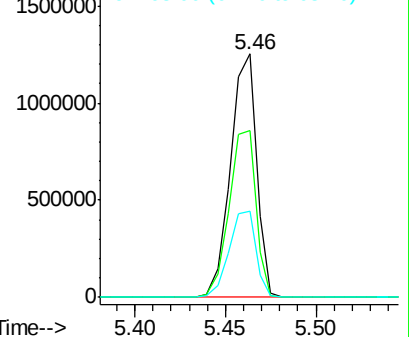
63 35.3 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.01 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

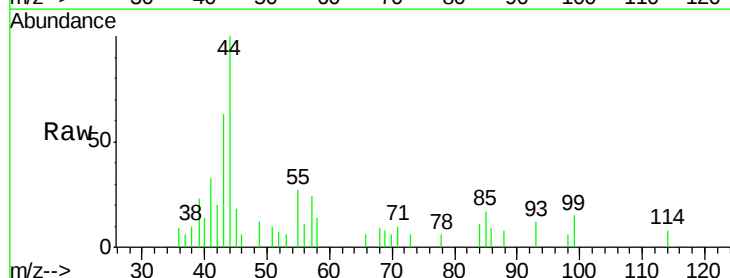
Tgt Ion: 93 Resp: 560

Ion Ratio Lower Upper

93 100

66 49.8 34.2 51.4

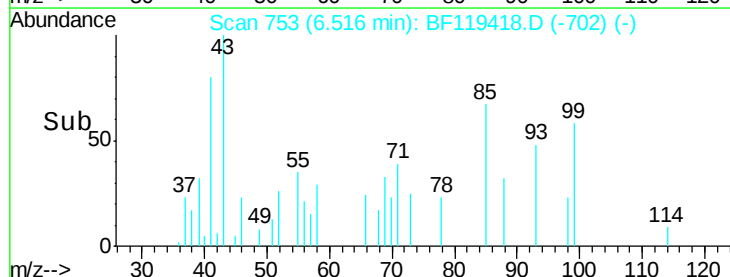
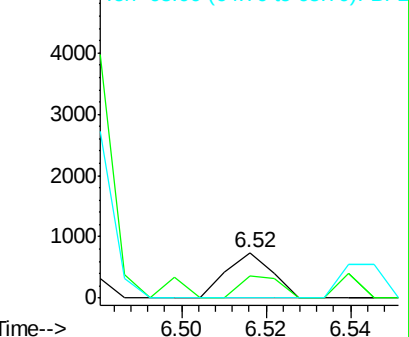
65 0.0 18.2 27.4#

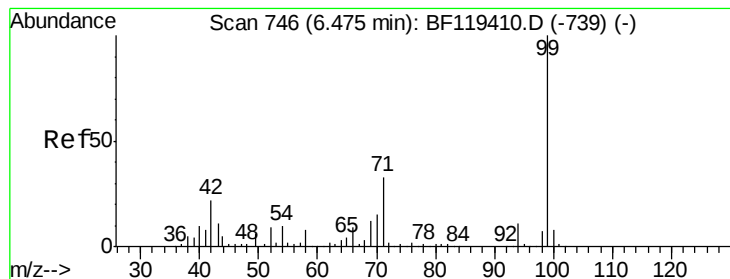


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 35.43 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

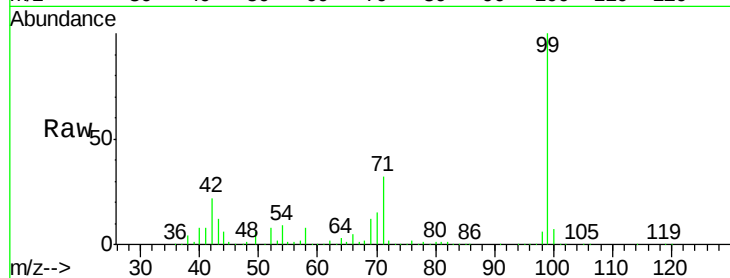
Tgt Ion: 99 Resp: 1001420

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

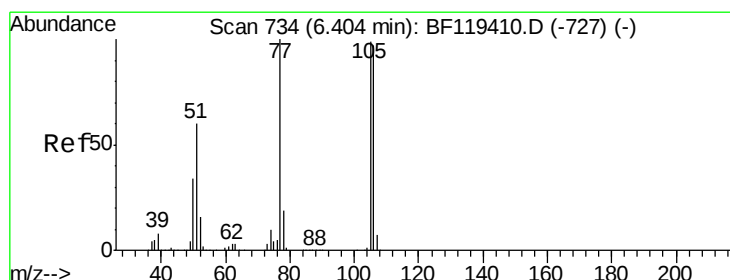
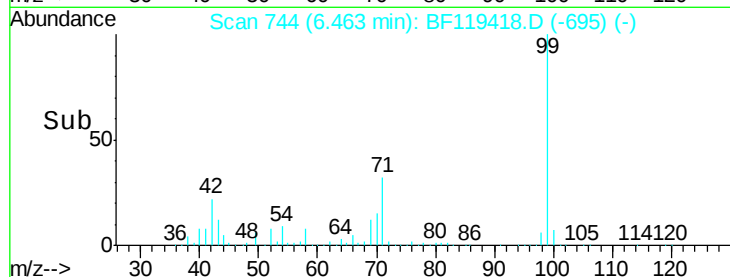
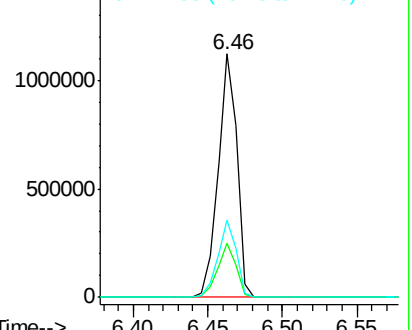
71 31.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.31 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

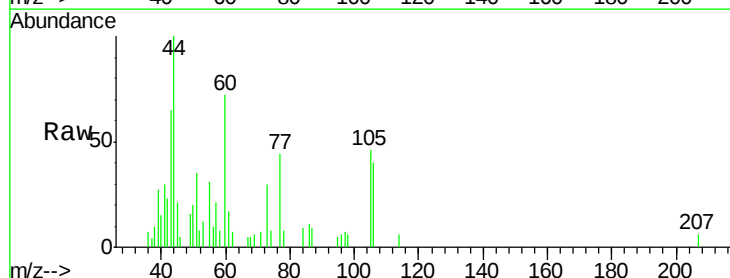
Tgt Ion: 77 Resp: 5587

Ion Ratio Lower Upper

77 100

105 105.2 78.6 118.6

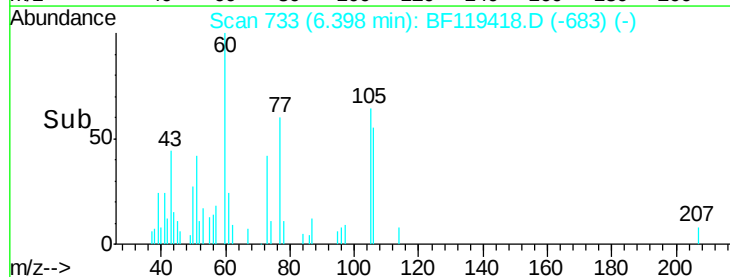
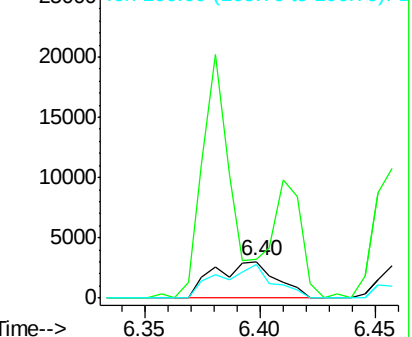
106 91.7 76.5 116.5

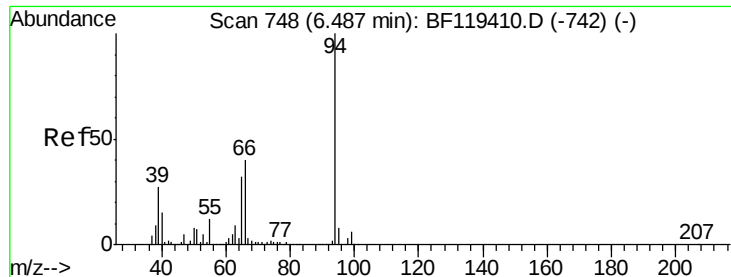


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.43 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

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ClientSampleId :

MH-F

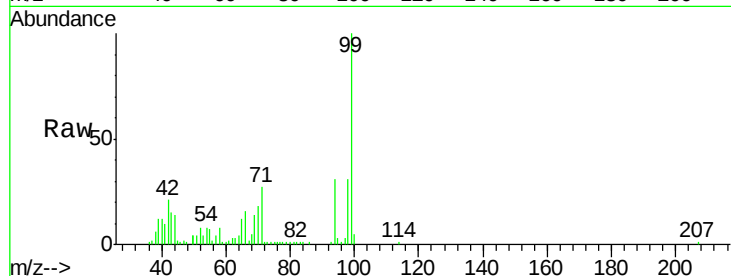
Tgt Ion: 94 Resp: 12913

Ion Ratio Lower Upper

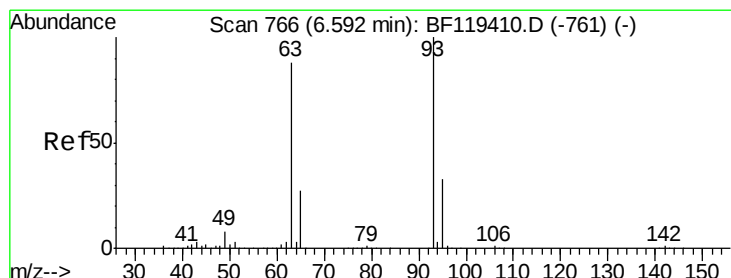
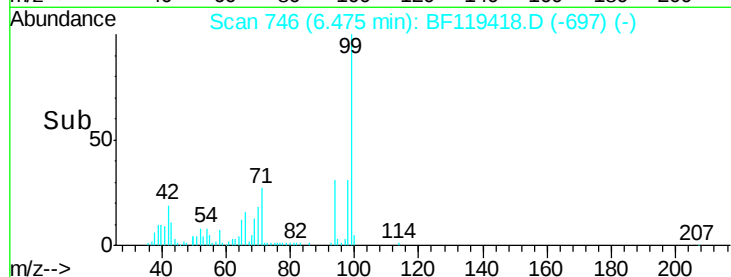
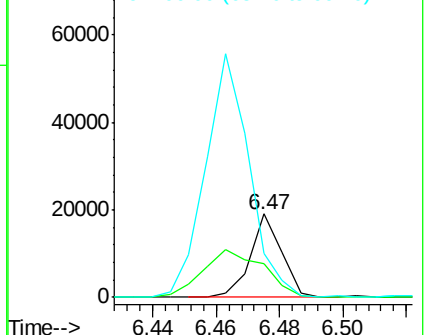
94 100

65 40.3 12.0 52.0

66 53.0 20.6 60.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

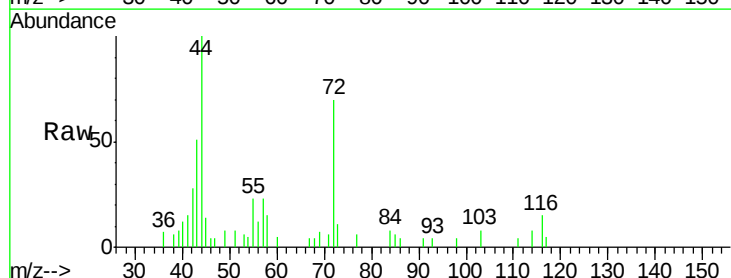
Tgt Ion: 93 Resp: 242

Ion Ratio Lower Upper

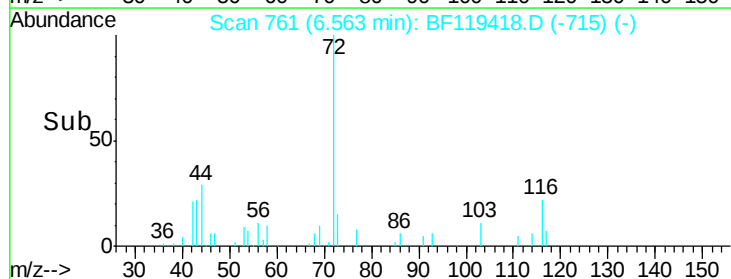
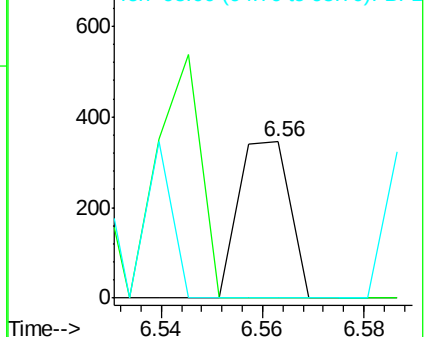
93 100

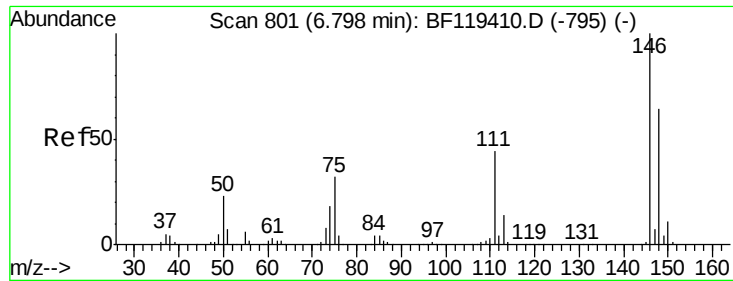
63 0.0 68.4 108.4#

95 0.0 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

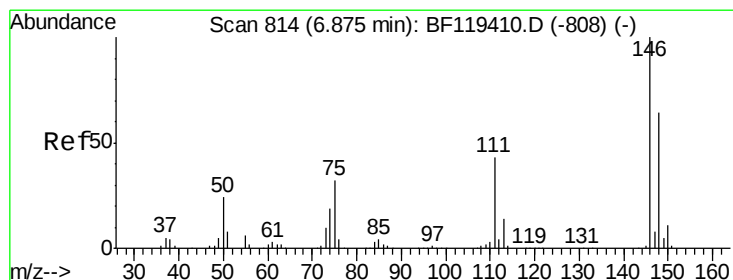
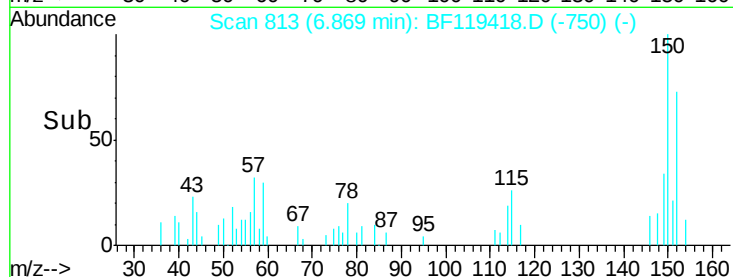
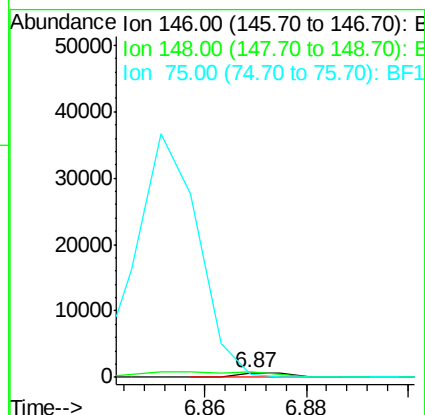
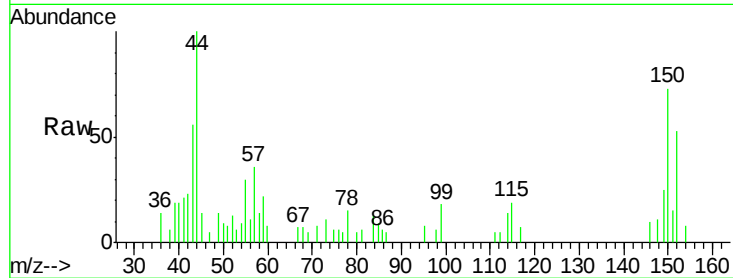




#12
 1,3-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.07 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

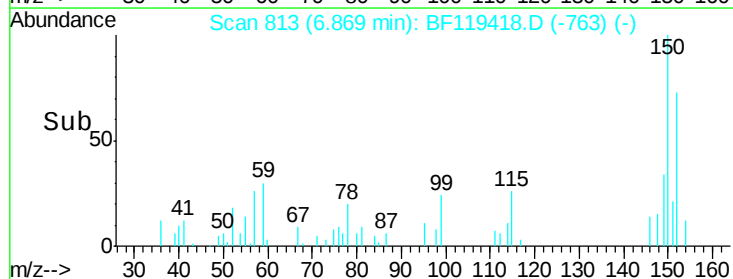
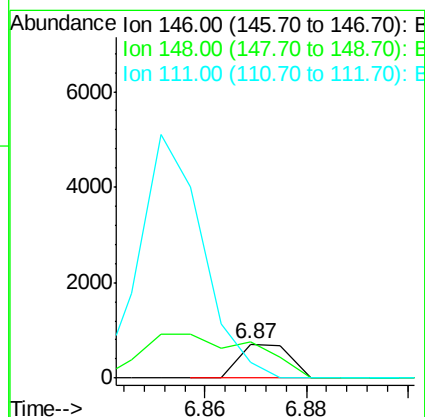
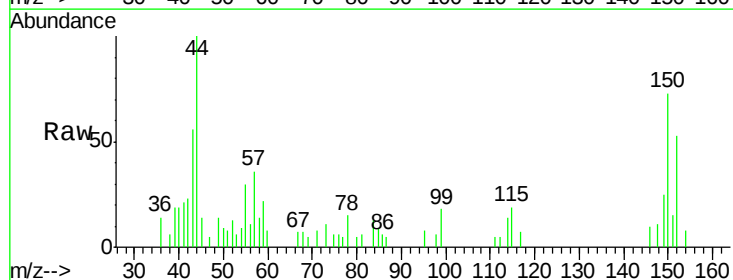
Instrument :
 BNA_F
 ClientSampleId :
 MH-F

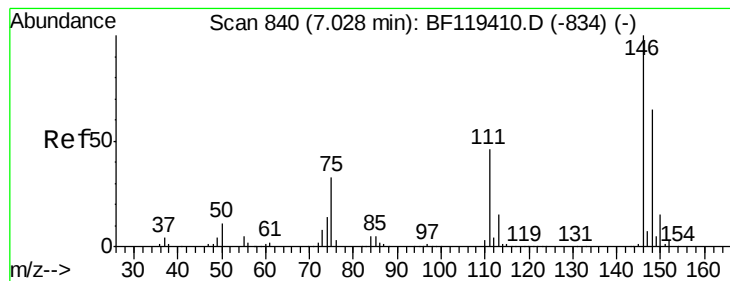
Tgt Ion:146 Resp: 489
 Ion Ratio Lower Upper
 146 100
 148 104.9 51.4 77.0#
 75 53.3 25.8 38.8#



#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

Tgt Ion:146 Resp: 489
 Ion Ratio Lower Upper
 146 100
 148 104.9 50.9 76.3#
 111 47.6 34.6 52.0





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

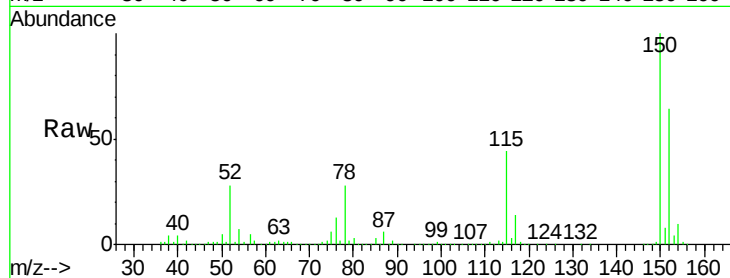
Tgt Ion:146 Resp: 487

Ion Ratio Lower Upper

146 100

148 540.3 51.7 77.5#

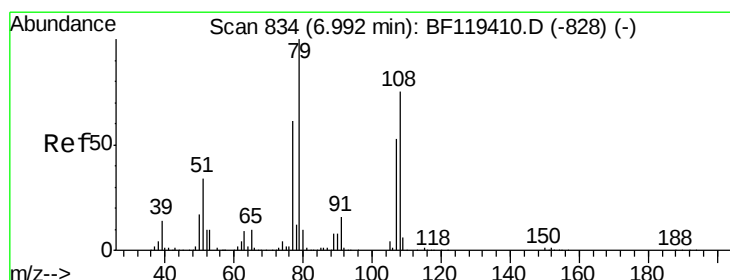
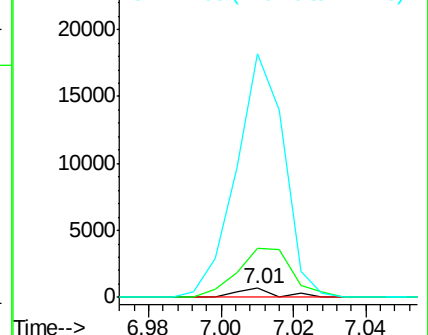
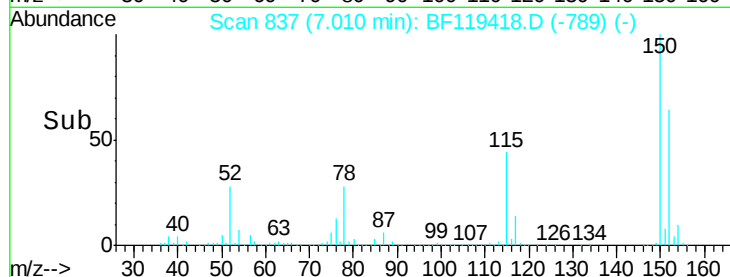
111 2663.5 36.4 54.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.63 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

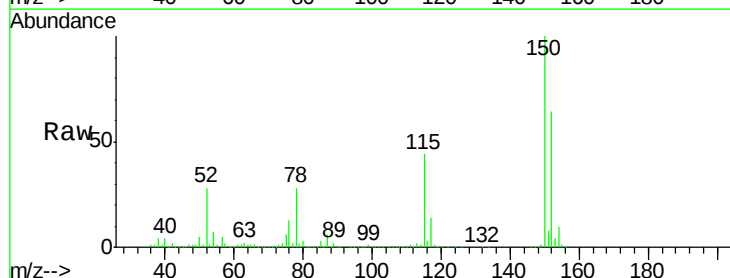
Tgt Ion: 79 Resp: 34634

Ion Ratio Lower Upper

79 100

108 26.3 60.4 90.6#

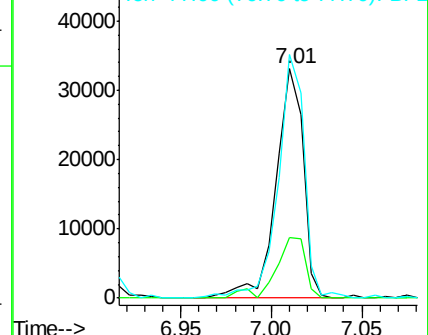
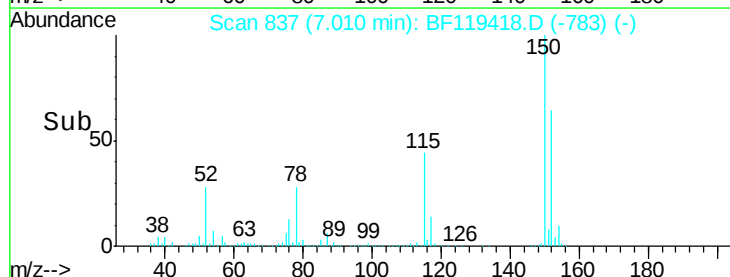
77 106.2 49.0 73.4#

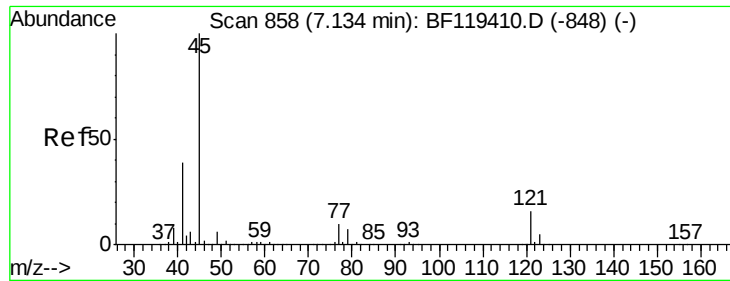


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

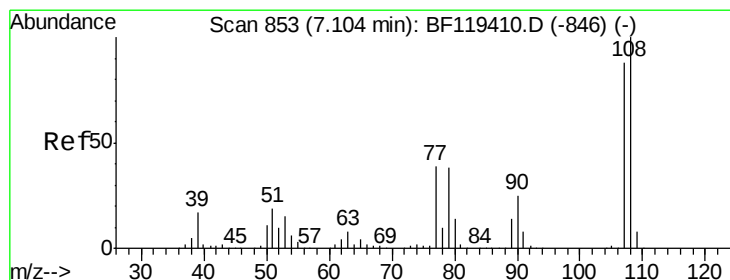
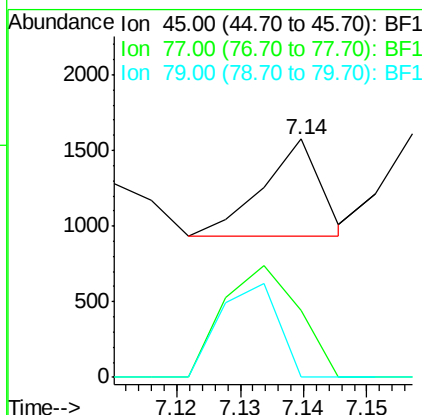
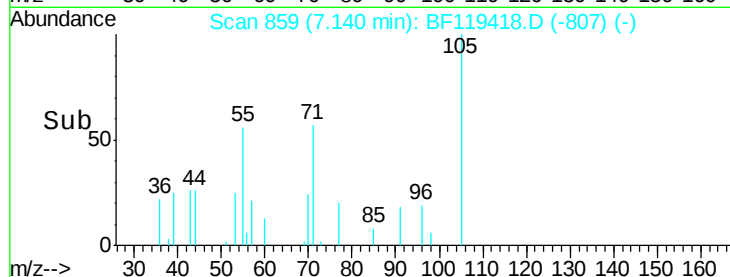
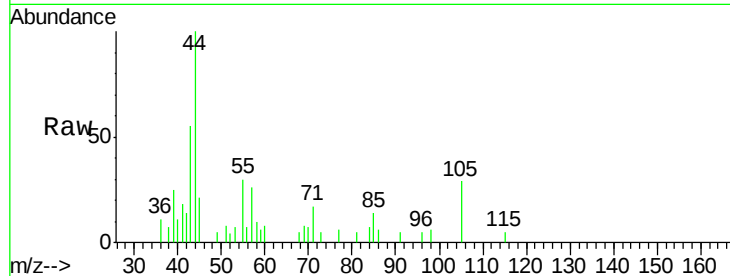




#16
2,2'-oxybis(1-chloropropane)
Concen: 0.01 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

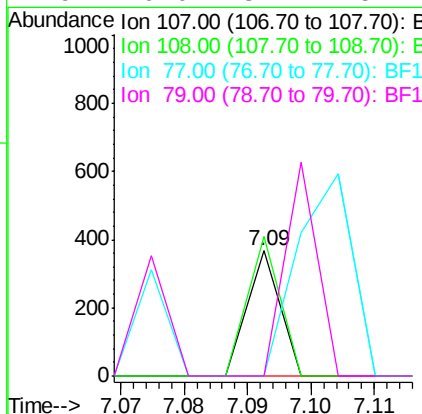
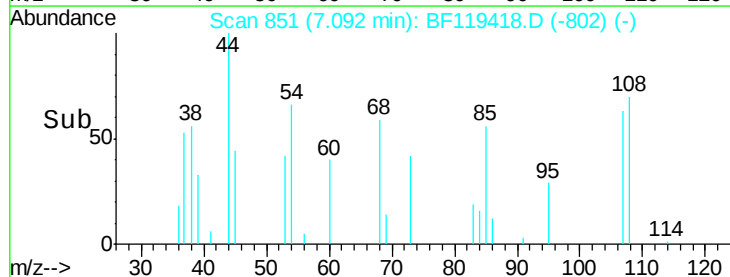
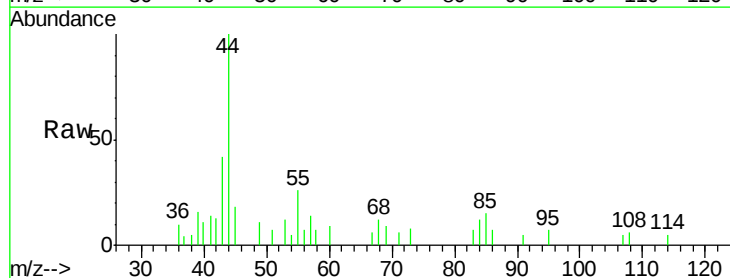
Instrument :
BNA_F
ClientSampled :
MH-F

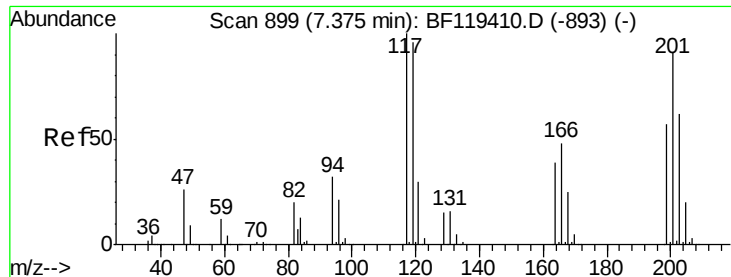
Tgt Ion: 45 Resp: 402
Ion Ratio Lower Upper
45 100
77 28.0 0.0 30.1
79 0.0 0.0 27.4



#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion: 107 Resp: 130
Ion Ratio Lower Upper
107 100
108 111.4 90.7 136.1
77 0.0 35.6 53.4#
79 0.0 34.7 52.1#

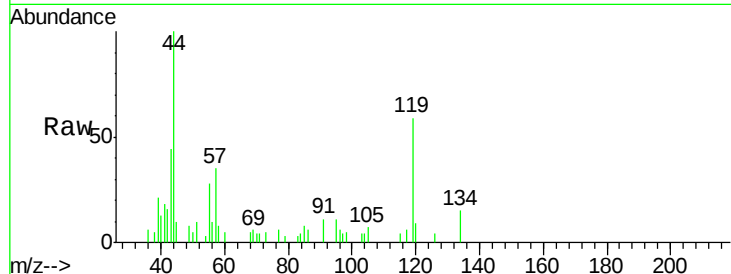




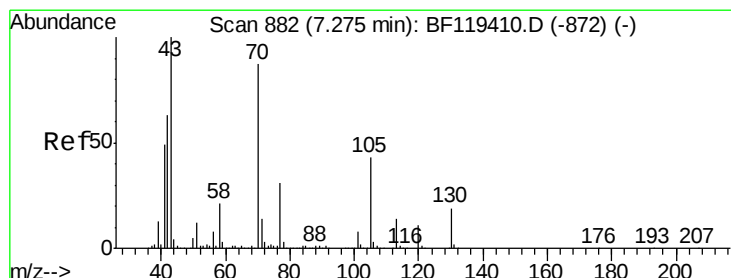
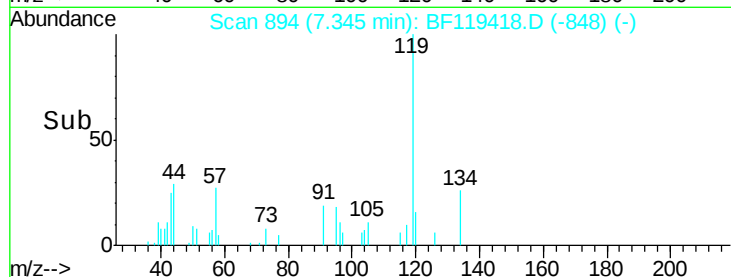
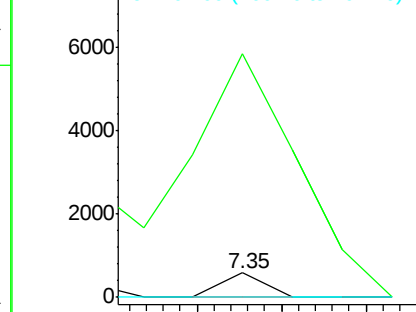
#18
Hexachloroethane
Concen: 0.02 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Instrument :
BNA_F
ClientSampleId :
MH-F

Tgt Ion: 117 Resp: 209
Ion Ratio Lower Upper
117 100
119 988.3 76.8 115.2#
201 0.0 72.5 108.7#

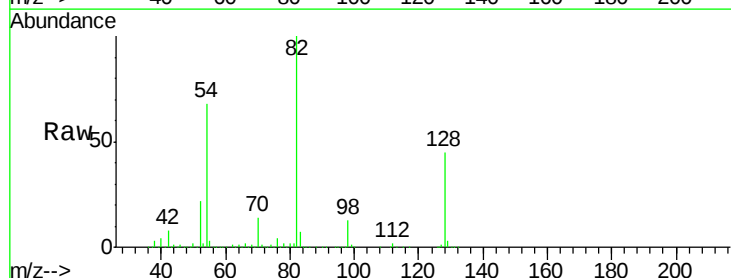


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

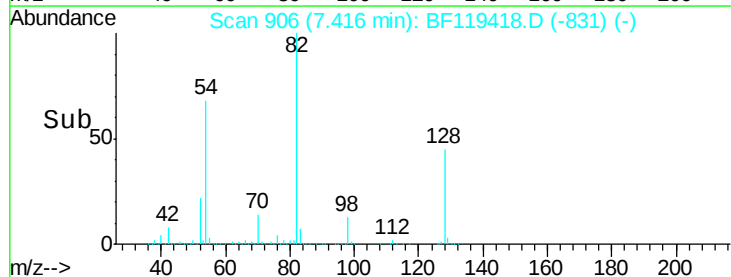
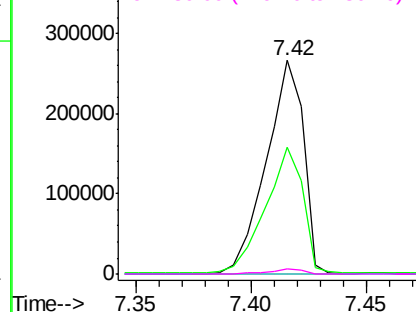


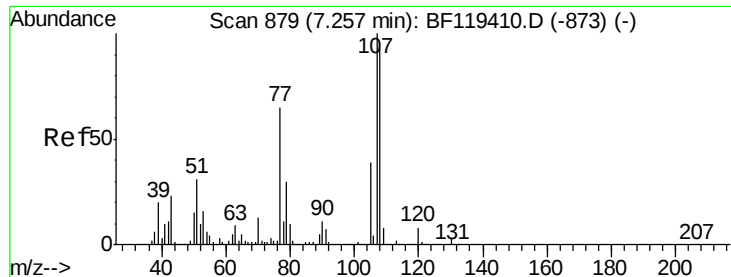
#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion: 70 Resp: 297905
Ion Ratio Lower Upper
70 100
42 59.1 58.2 87.4
101 0.0 7.4 11.2#
130 2.3 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

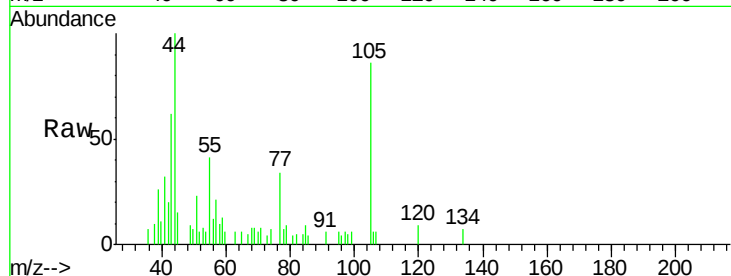




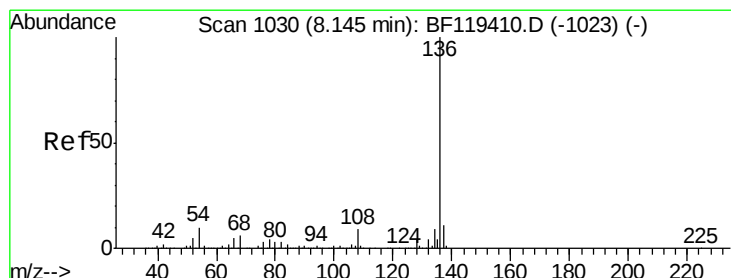
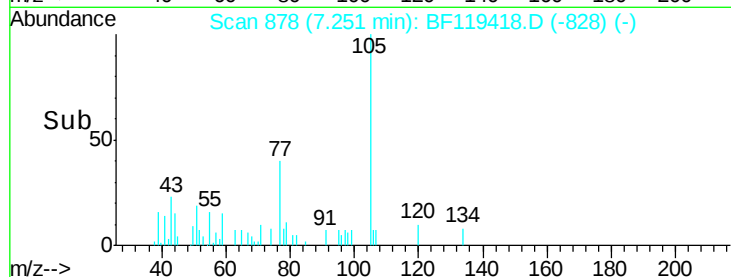
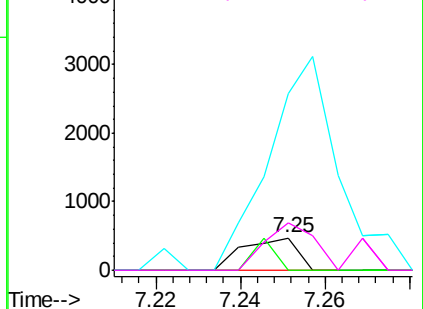
#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Instrument :
BNA_F
ClientSampleId :
MH-F

Tgt Ion:107 Resp: 425
Ion Ratio Lower Upper
107 100
108 0.0 72.6 112.6#
77 549.8 44.7 84.7#
79 146.2 10.2 50.2#

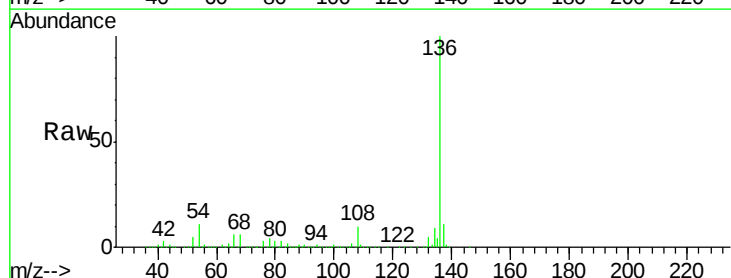


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

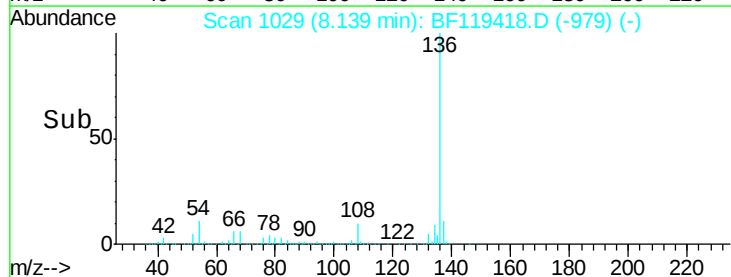
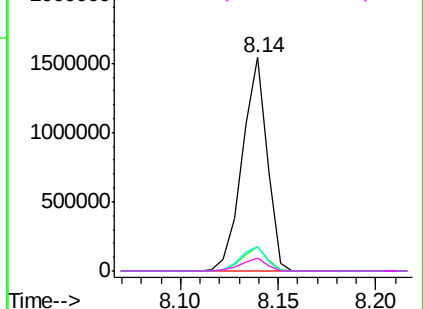


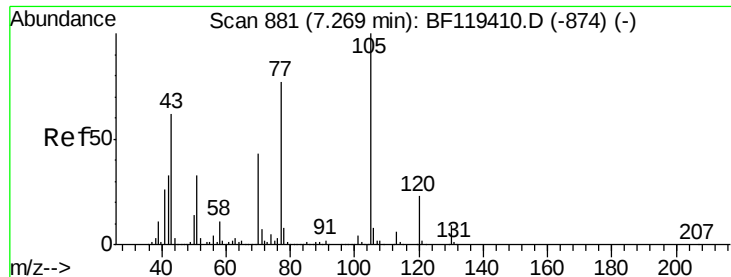
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion:136 Resp: 1352477
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.3 8.3 12.5
68 6.1 4.9 7.3



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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.20 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

Tgt Ion: 105 Resp: 6591

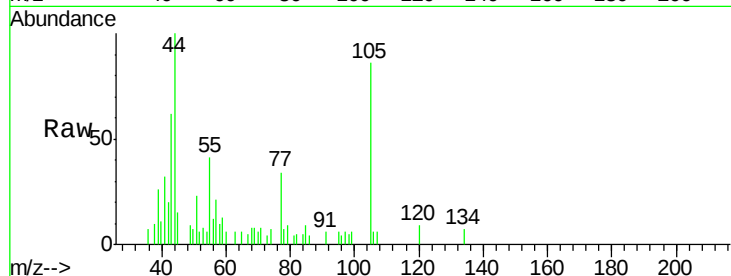
Ion Ratio Lower Upper

105 100

71 9.6 5.8 8.6#

51 26.2 26.8 40.2#

120 10.0 18.0 27.0#

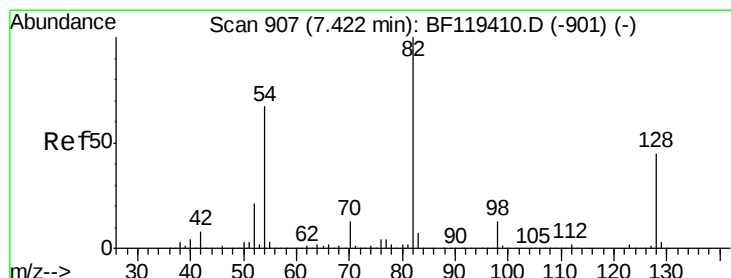
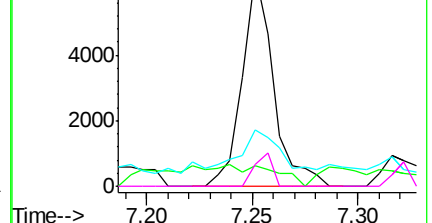
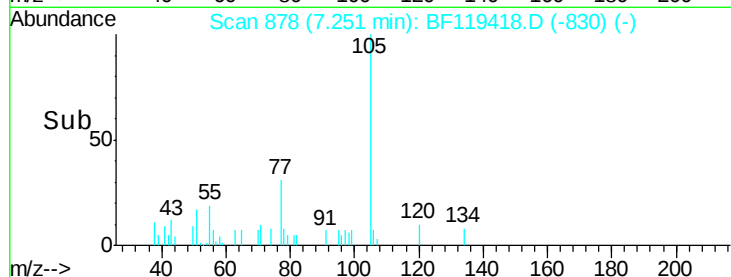


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.43 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

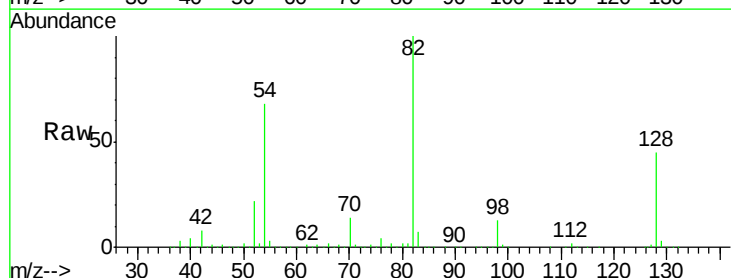
Tgt Ion: 82 Resp: 2200701

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.8

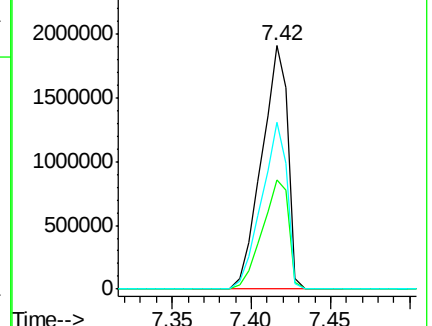
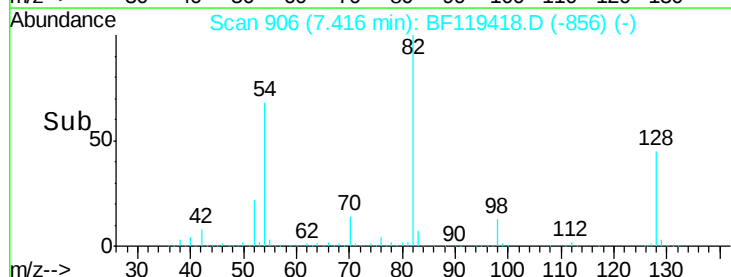
54 68.3 53.4 80.0

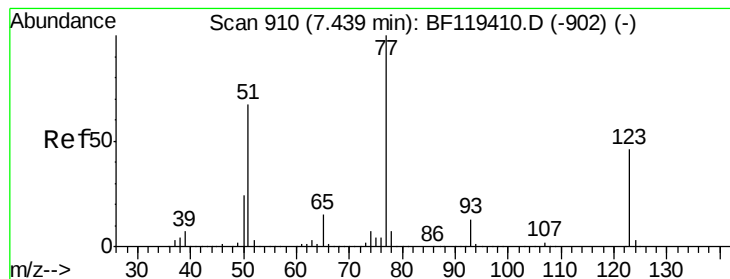


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.33 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

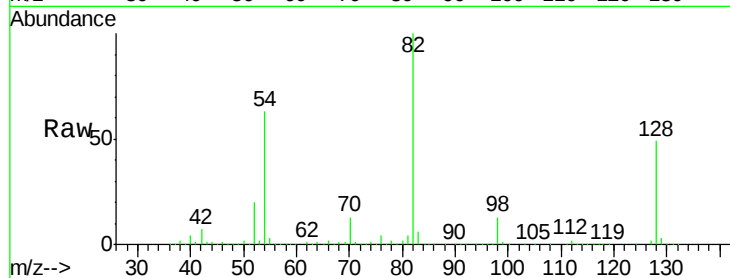
Tgt Ion: 77 Resp: 8746

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

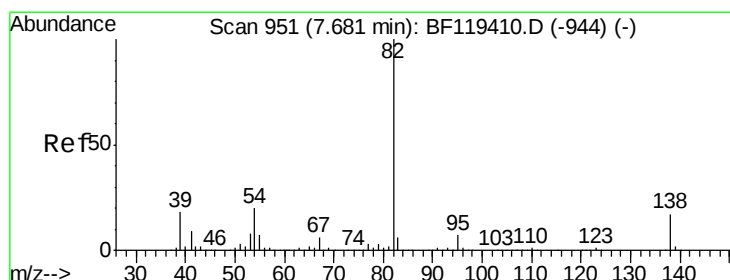
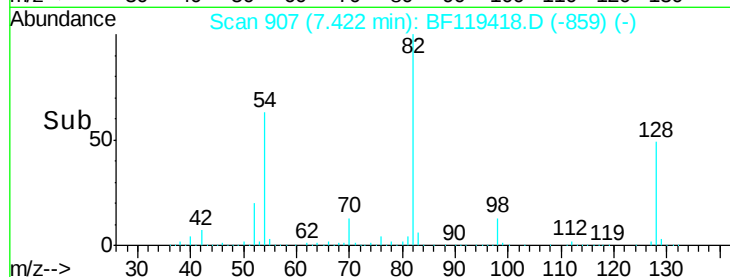
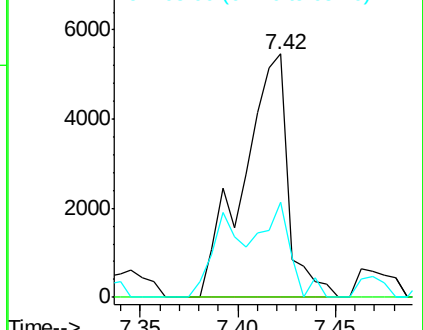
65 38.8 12.2 18.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 43.50 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

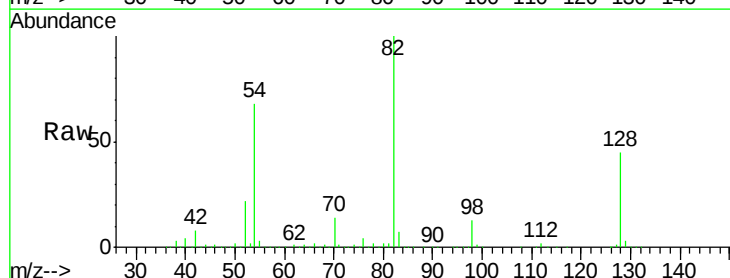
Tgt Ion: 82 Resp: 2196088

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

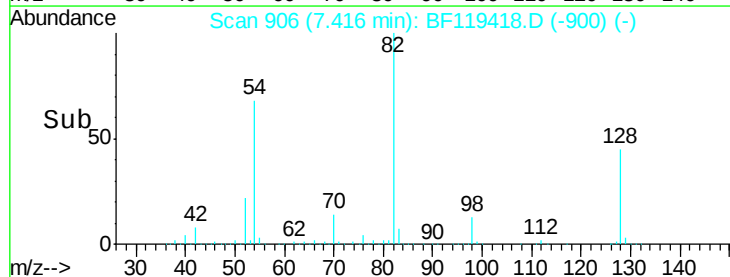
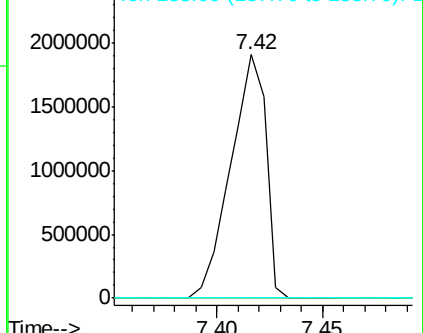
138 0.0 13.8 20.8#

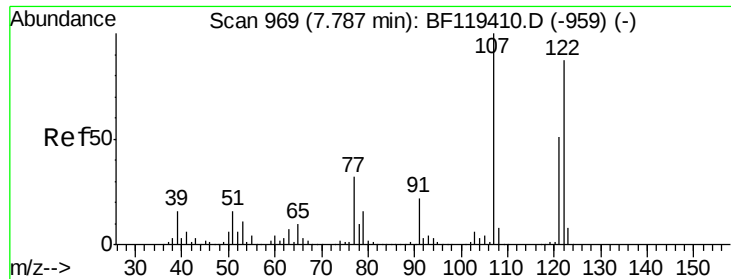


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

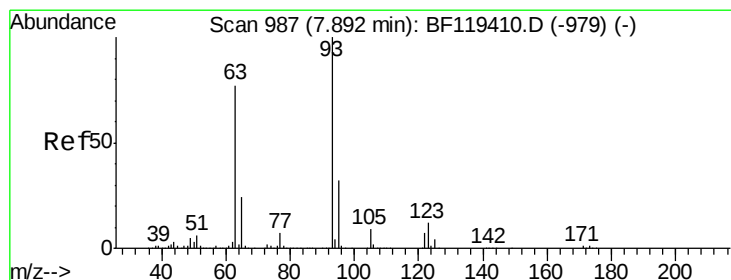
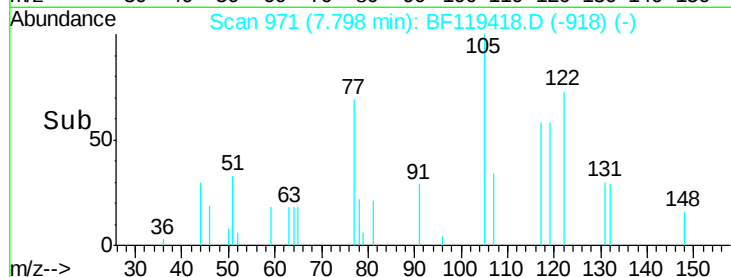
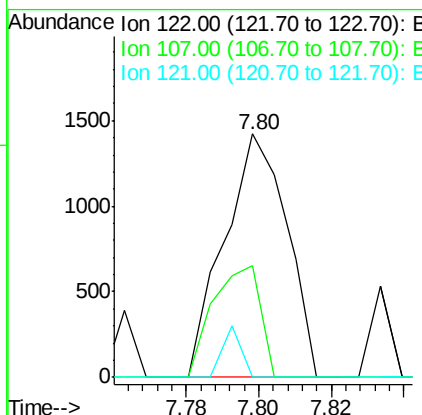
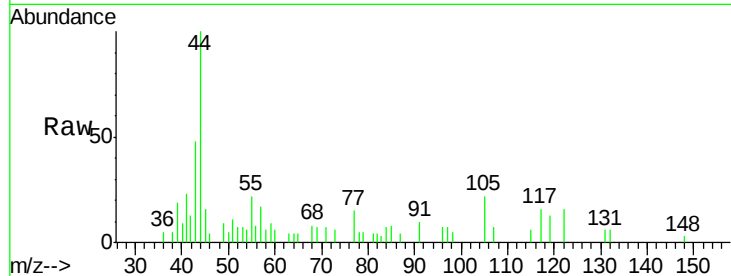




#27
 2,4-Dimethylphenol
 Concen: 0.08 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

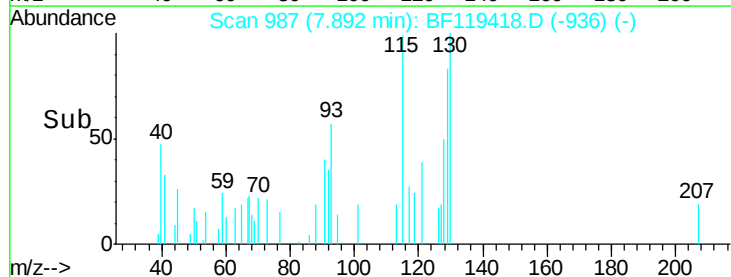
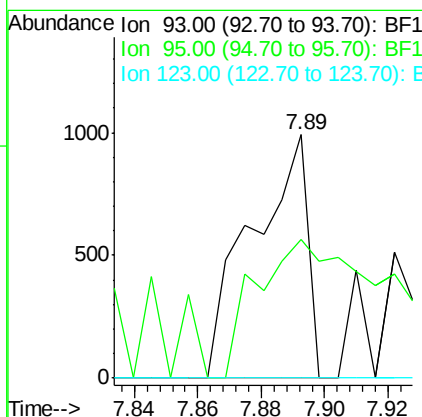
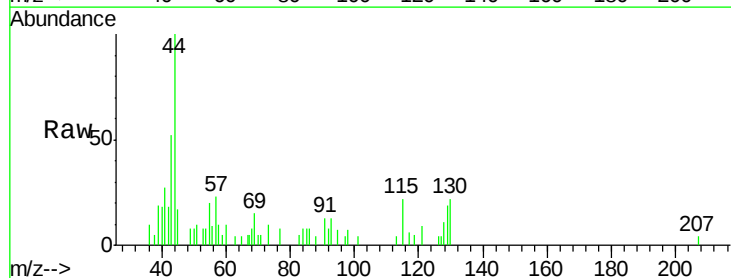
Instrument :
 BNA_F
 ClientSampleId :
 MH-F

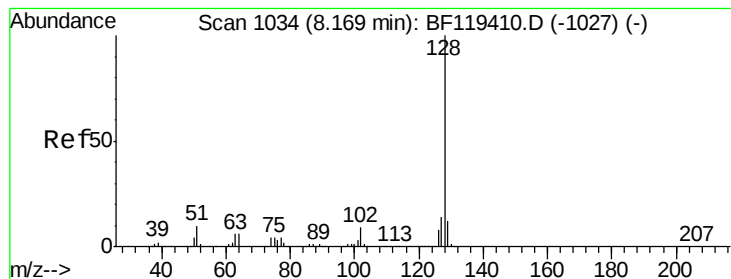
Tgt Ion:122 Resp: 1697
 Ion Ratio Lower Upper
 122 100
 107 45.8 91.8 137.6#
 121 0.0 46.5 69.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.04 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

Tgt Ion: 93 Resp: 1204
 Ion Ratio Lower Upper
 93 100
 95 56.8 26.0 39.0#
 123 0.0 9.7 14.5#





#31

Naphthalene

Concen: 0.52 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

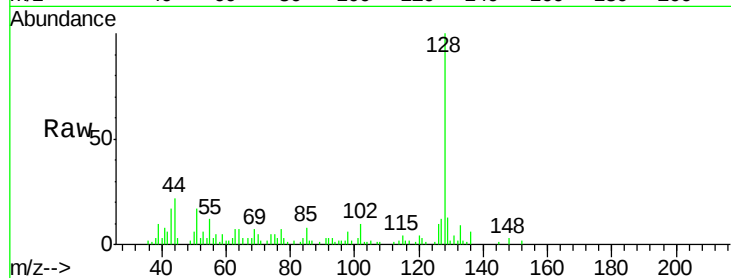
Tgt Ion:128 Resp: 35866

Ion Ratio Lower Upper

128 100

129 12.6 9.3 13.9

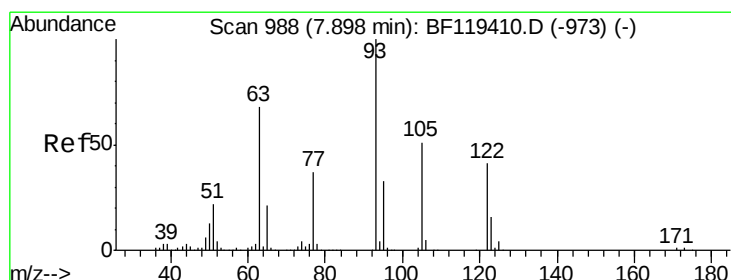
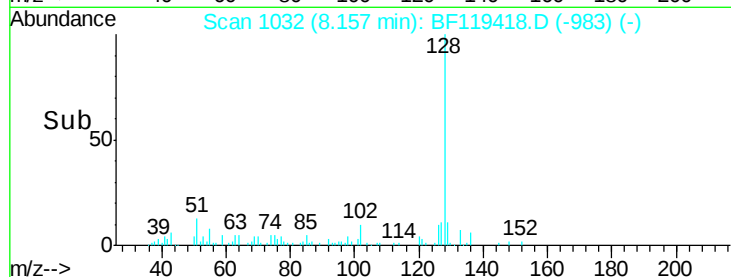
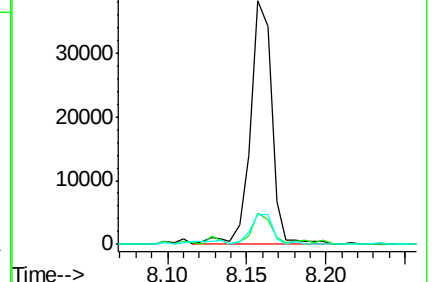
127 12.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.06 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

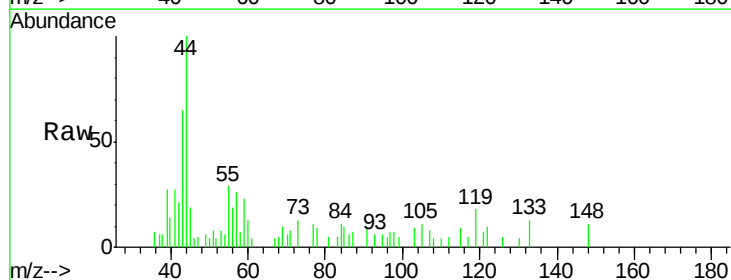
Tgt Ion:122 Resp: 783

Ion Ratio Lower Upper

122 100

105 105.7 102.9 142.9

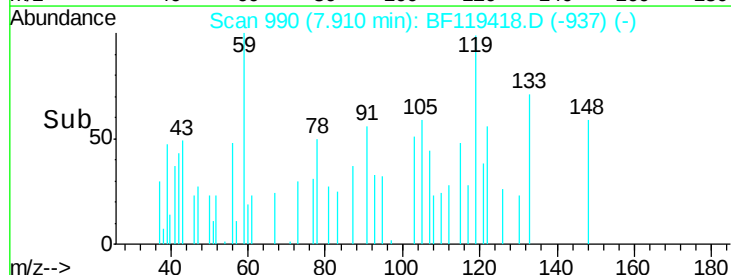
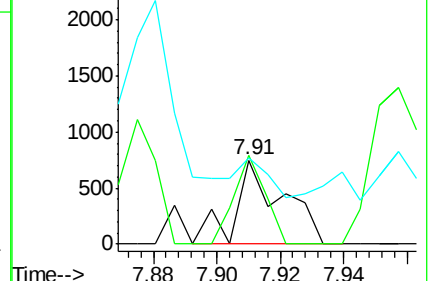
77 103.1 70.1 110.1

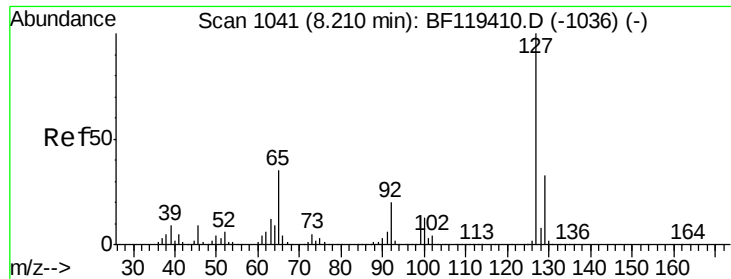


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

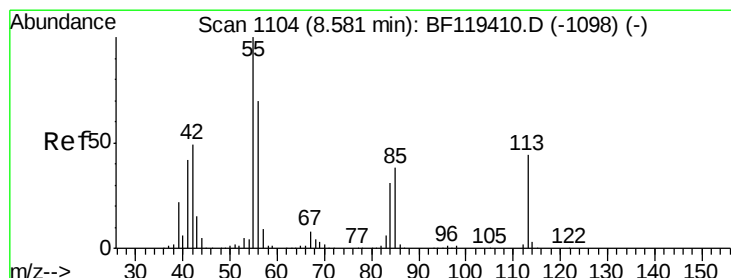
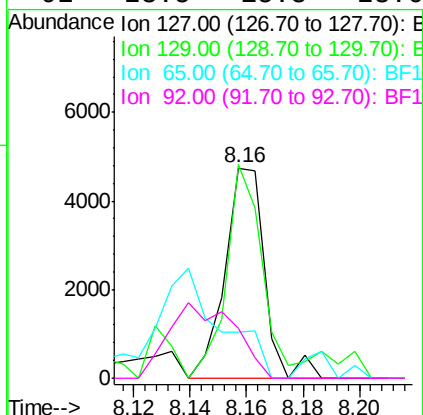
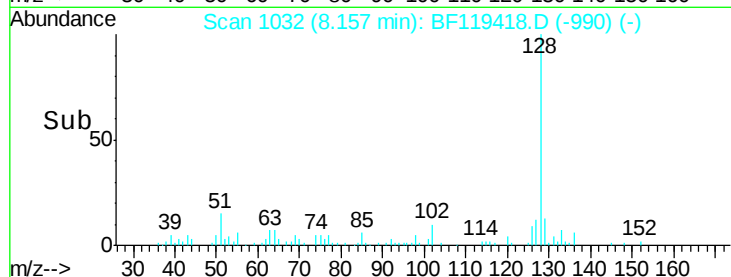
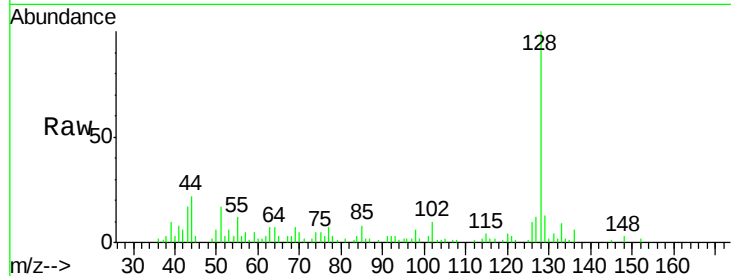




#33
4-Chloroaniline
Concen: 0.15 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

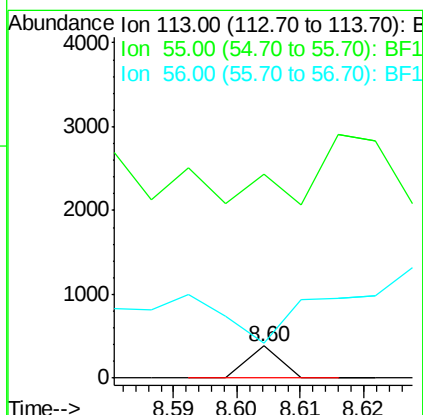
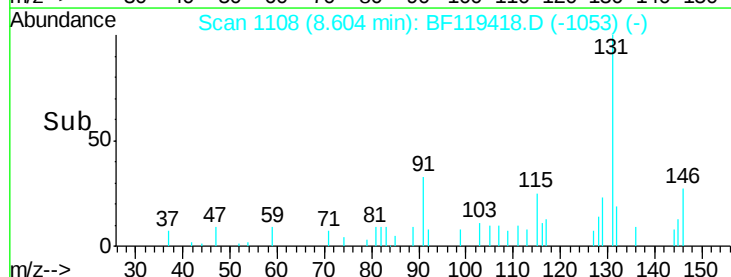
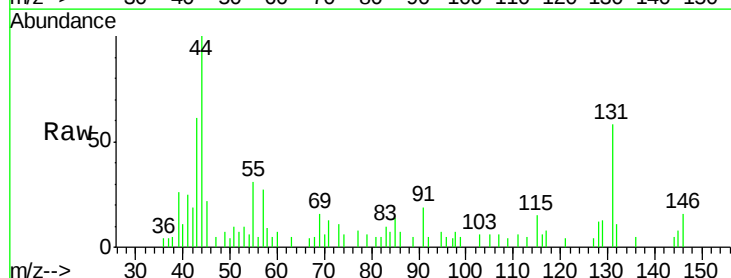
Instrument :
BNA_F
ClientSampleId :
MH-F

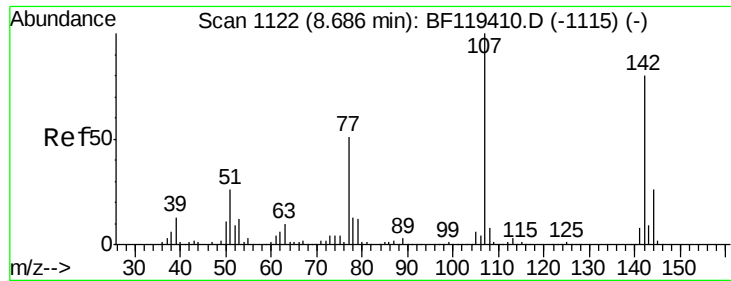
Tgt Ion:127 Resp: 4642
Ion Ratio Lower Upper
127 100
129 101.5 26.2 39.4#
65 21.6 27.7 41.5#
92 23.5 15.8 23.6



#35
Caprolactam
Concen: 0.02 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion:113 Resp: 134
Ion Ratio Lower Upper
113 100
55 638.8 208.4 248.4#
56 111.3 138.9 178.9#

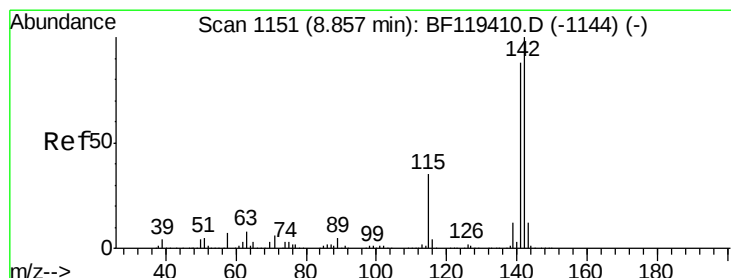
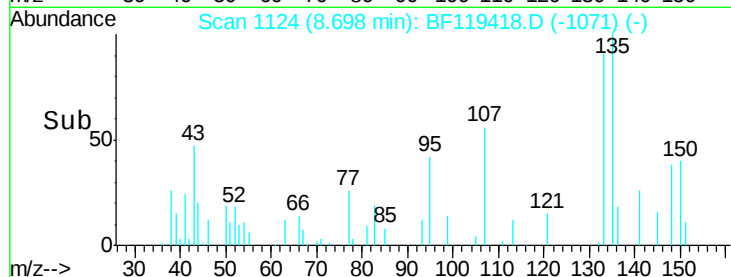
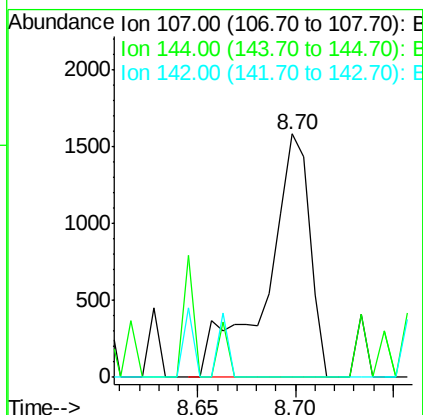
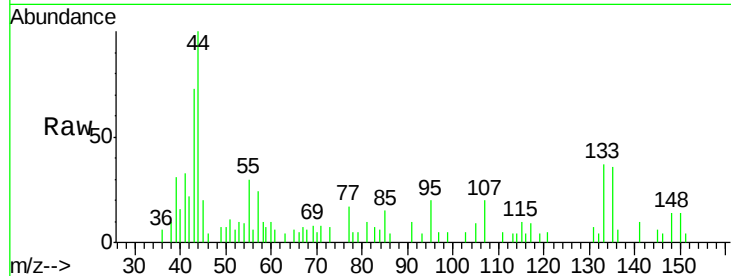




#36
4-Chloro-3-methylphenol
Concen: 0.11 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

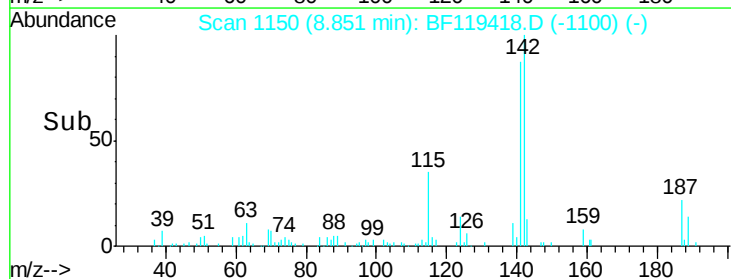
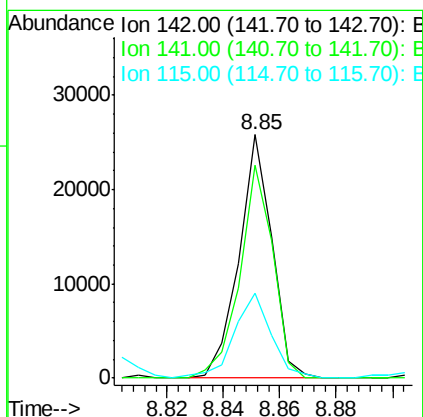
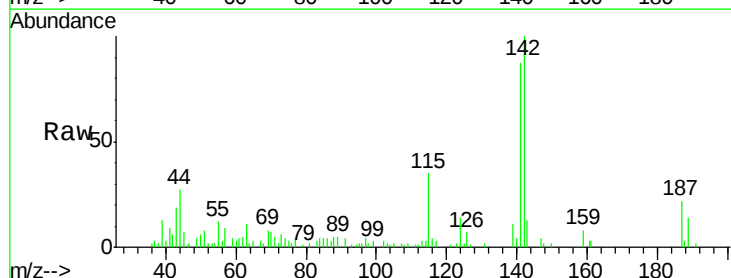
Instrument :
BNA_F
ClientSampleId :
MH-F

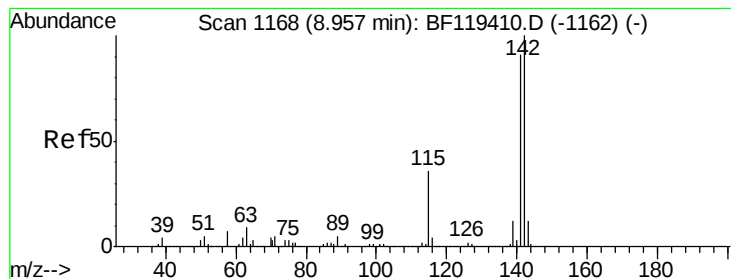
Tgt Ion:107 Resp: 2425
Ion Ratio Lower Upper
107 100
144 0.0 20.6 31.0#
142 0.0 63.8 95.6#



#37
2-Methylnaphthalene
Concen: 0.46 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion:142 Resp: 20881
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 34.8 27.8 41.6





#38

1-Methylnaphthalene

Concen: 0.48 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.11 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

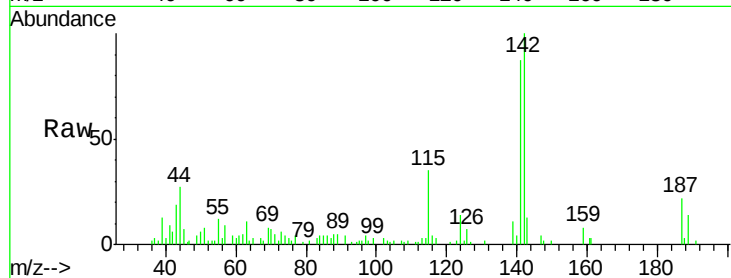
Tgt Ion:142 Resp: 20881

Ion Ratio Lower Upper

142 100

141 87.5 73.1 109.7

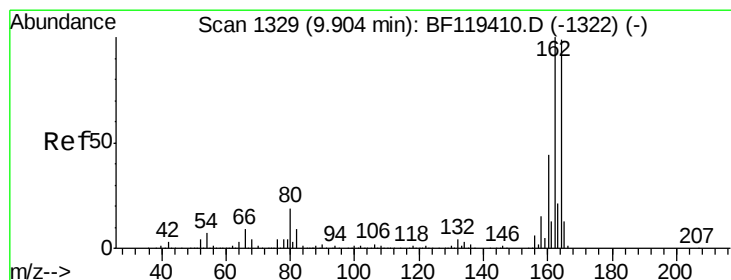
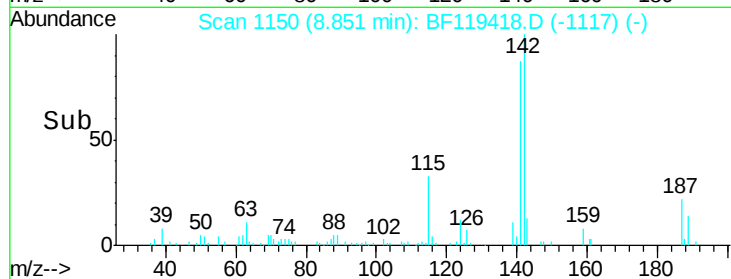
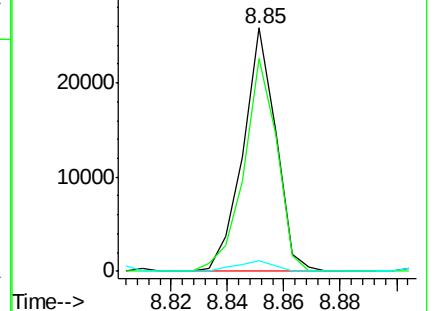
116 4.3 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

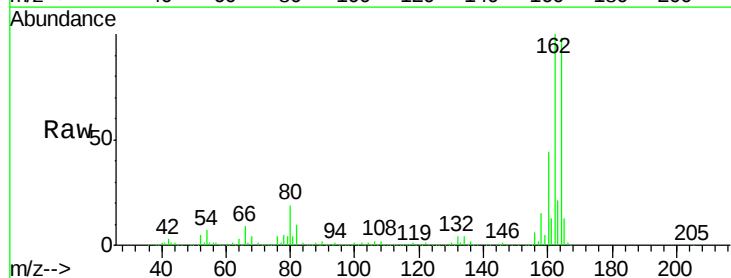
Tgt Ion:164 Resp: 676356

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

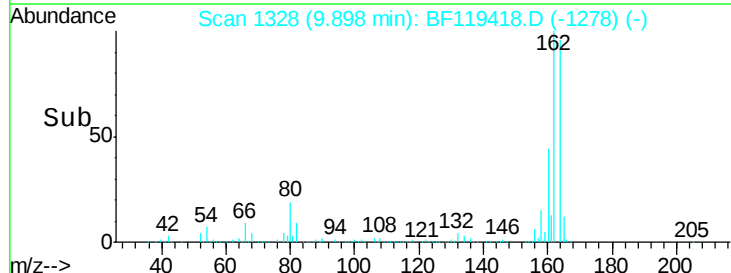
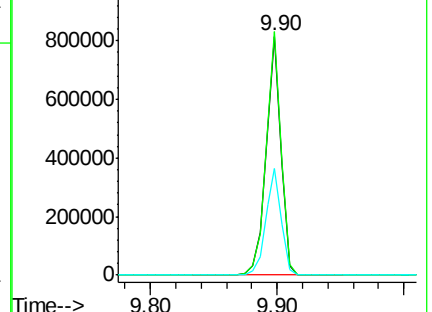
160 44.7 35.5 53.3

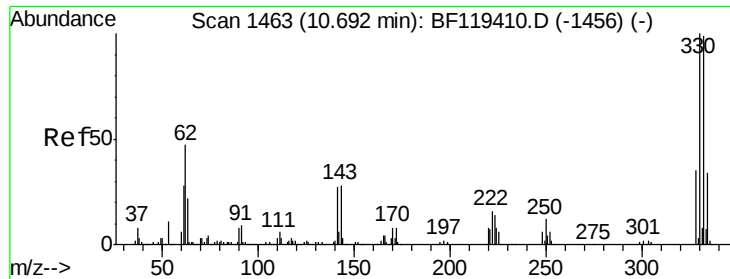


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

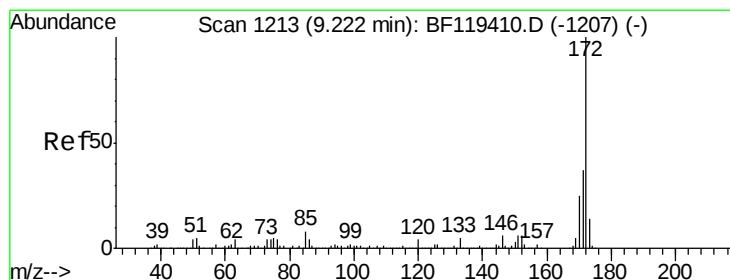
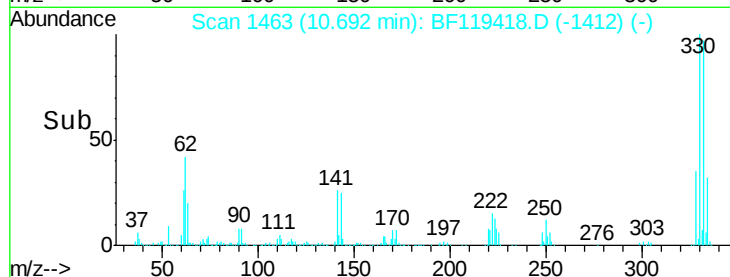
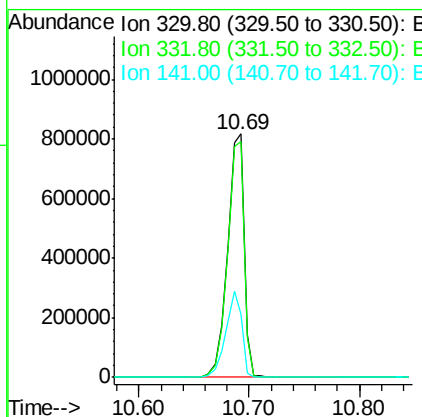
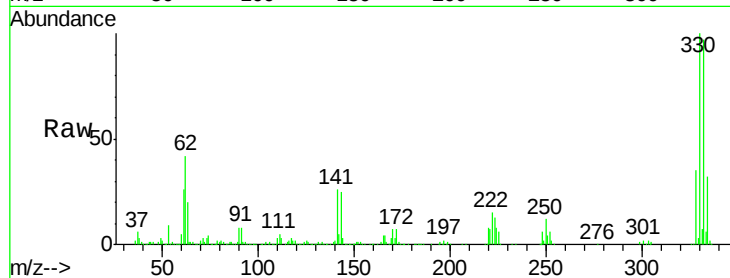




#42
 2,4,6-Tribromophenol
 Concen: 123.67 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

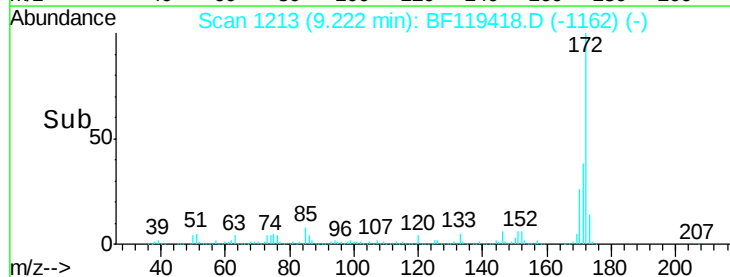
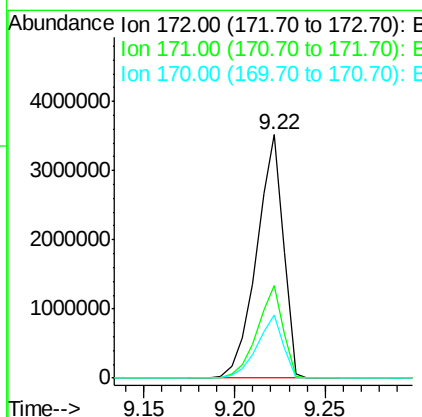
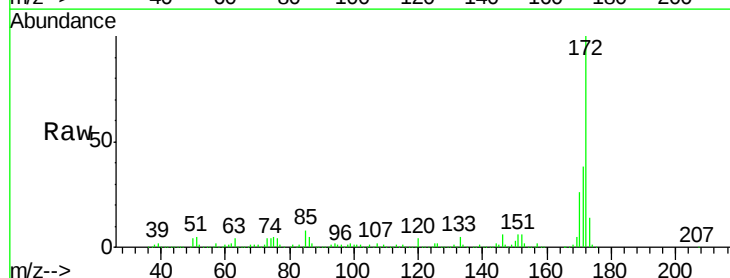
Instrument :
 BNA_F
 ClientSampled :
 MH-F

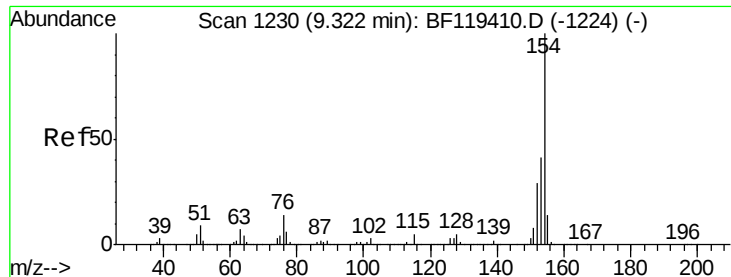
Tgt Ion:330 Resp: 862951
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 34.1 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 78.81 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

Tgt Ion:172 Resp: 3597851
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 26.1 20.1 30.1

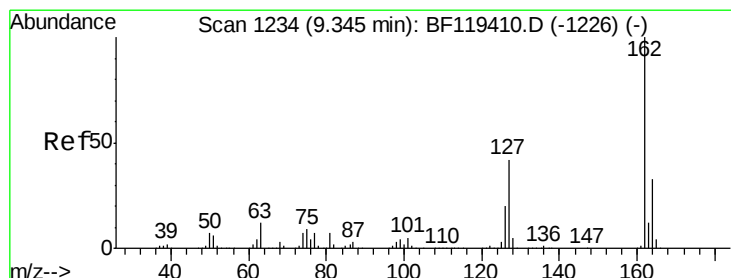
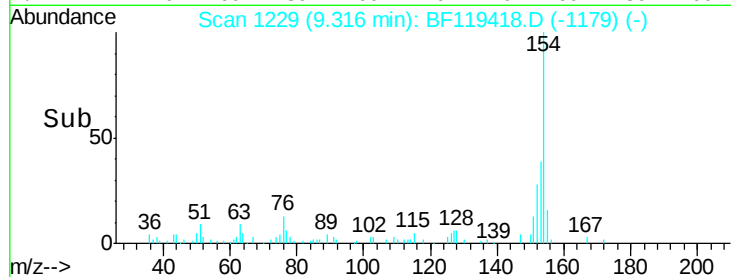
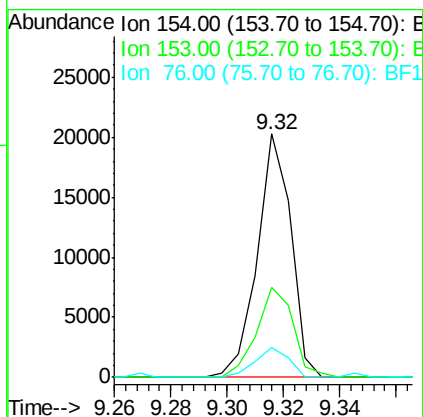
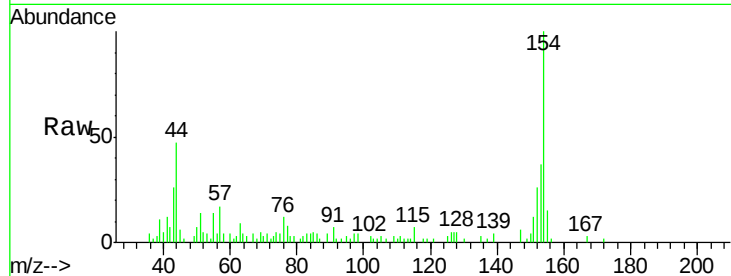




#46
 1,1'-Biphenyl
 Concen: 0.30 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

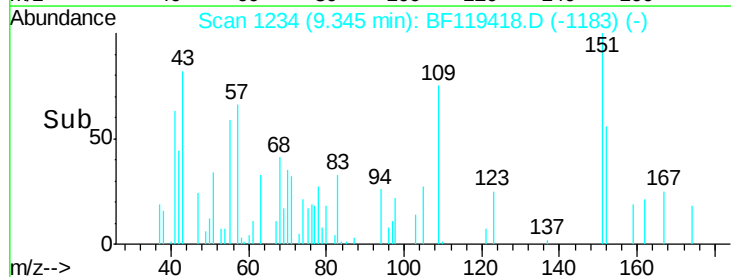
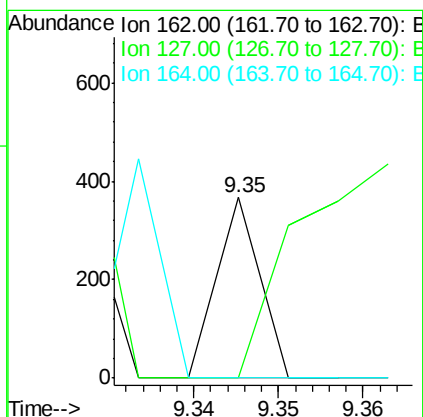
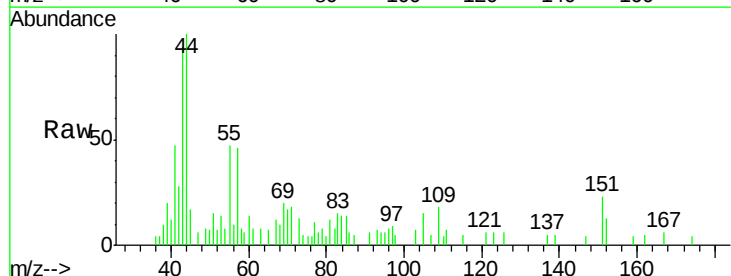
Instrument :
 BNA_F
 ClientSampleId :
 MH-F

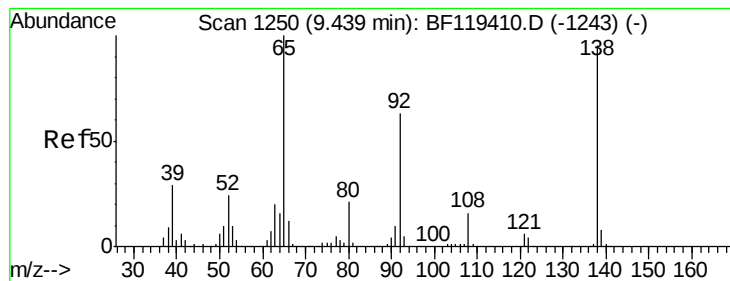
Tgt Ion:	154	Resp:	16698
Ion	Ratio	Lower	Upper
154	100		
153	37.1	21.4	61.4
76	12.4	0.0	33.6



#47
 2-Chloronaphthalene
 Concen: 0.00 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF119418.D
 Acq: 18 Mar 2020 16:35

Tgt Ion:	162	Resp:	129
Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.7	50.5#
164	0.0	26.2	39.4#





#48

2-Nitroaniline

Concen: 0.04 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampled :

MH-F

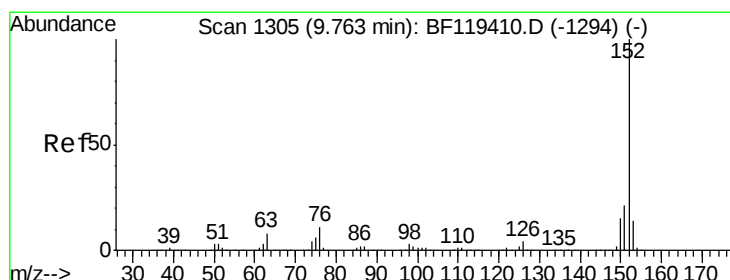
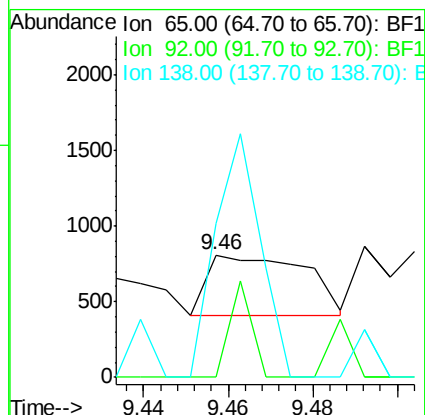
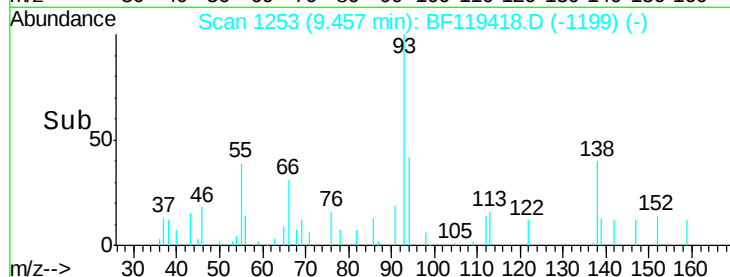
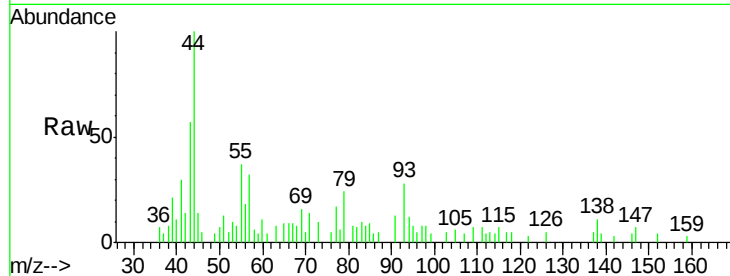
Tgt Ion: 65 Resp: 639

Ion Ratio Lower Upper

65 100

92 0.0 50.5 75.7#

138 125.7 75.8 113.8#



#49

Acenaphthylene

Concen: 0.28 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

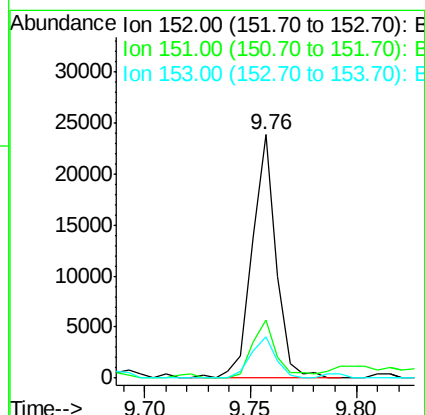
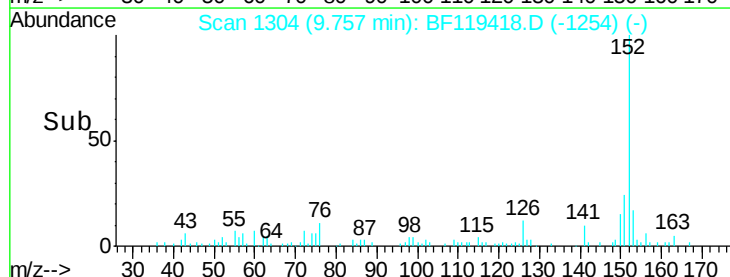
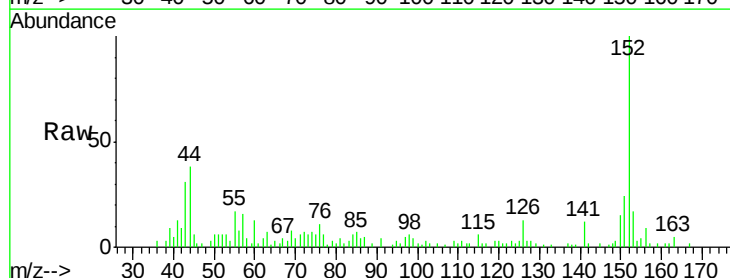
Tgt Ion: 152 Resp: 18674

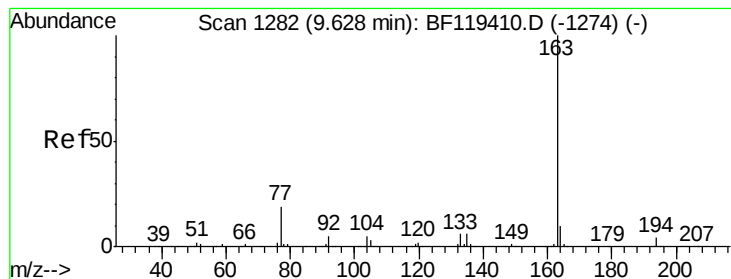
Ion Ratio Lower Upper

152 100

151 23.9 16.8 25.2

153 16.8 11.2 16.8





#50

Dimethylphthalate

Concen: 7.46 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

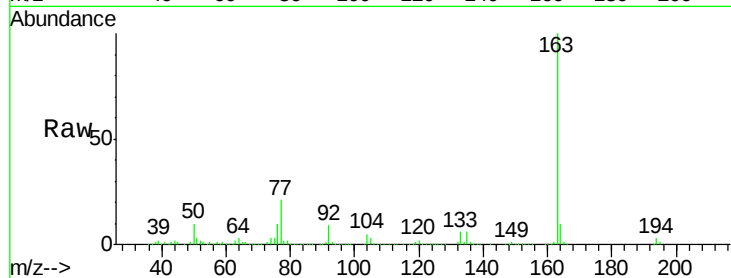
Tgt Ion:163 Resp: 358209

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

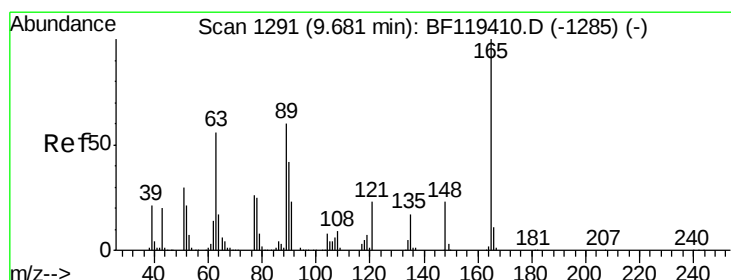
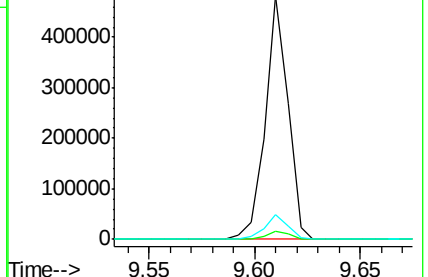
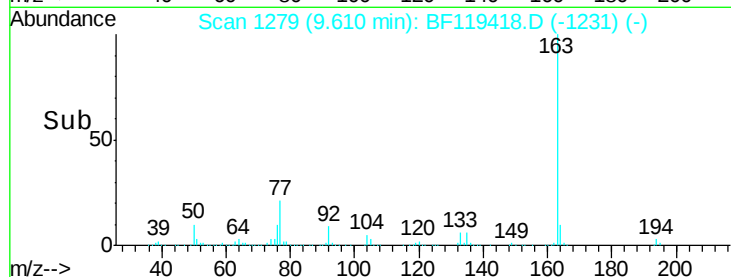
164 10.0 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 0.36 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.03 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

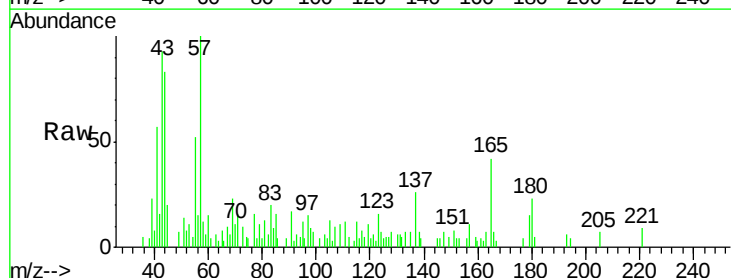
Tgt Ion:165 Resp: 3748

Ion Ratio Lower Upper

165 100

63 14.8 57.3 85.9#

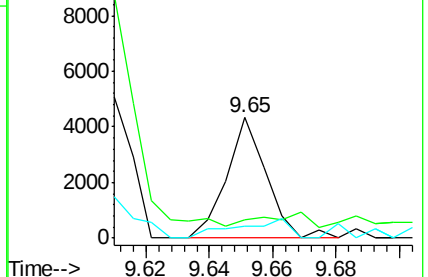
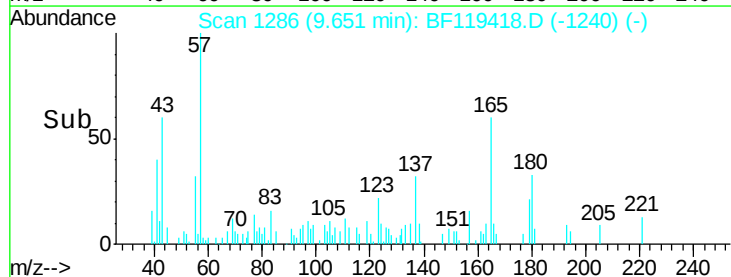
89 9.9 47.8 71.8#

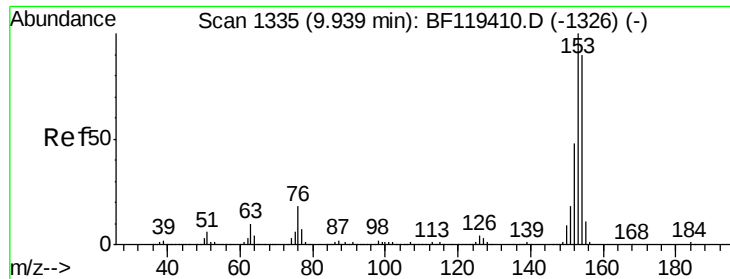


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.14 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

Instrument :

BNA_F

ClientSampleId :

MH-F

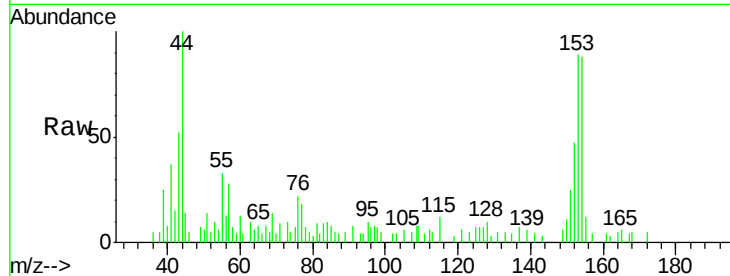
Tgt Ion:154 Resp: 6031

Ion Ratio Lower Upper

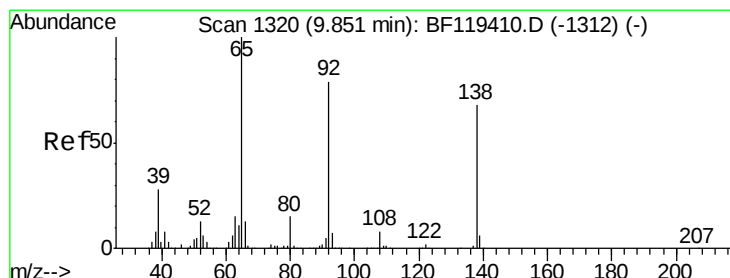
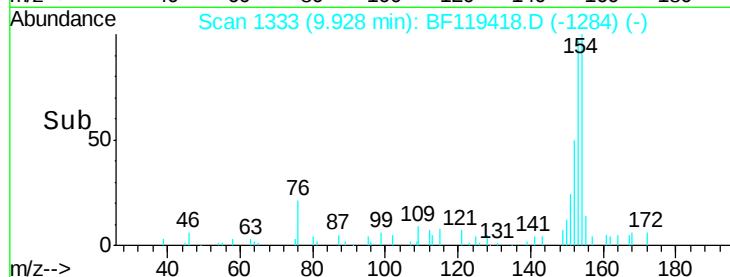
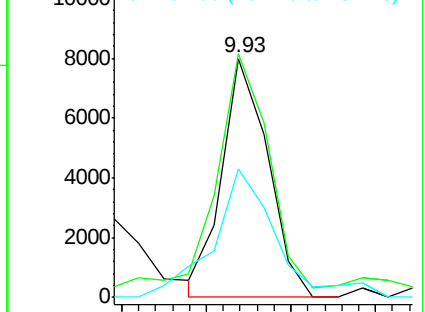
154 100

153 101.8 89.0 133.6

152 53.6 43.1 64.7



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



#53

3-Nitroaniline

Concen: 0.01 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119418.D

Acq: 18 Mar 2020 16:35

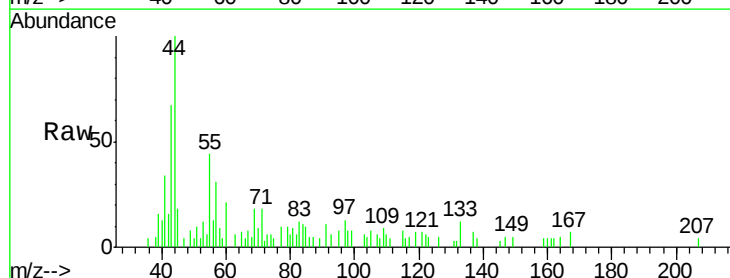
Tgt Ion:138 Resp: 127

Ion Ratio Lower Upper

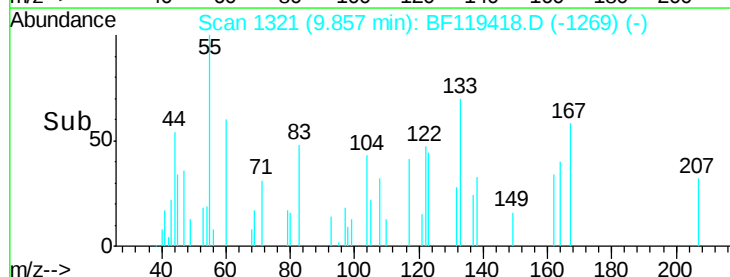
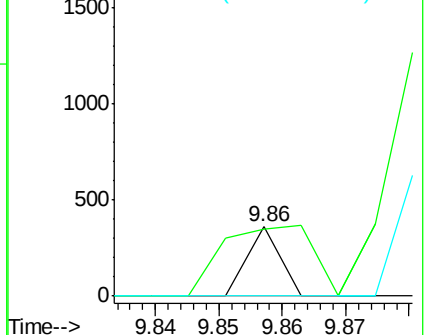
138 100

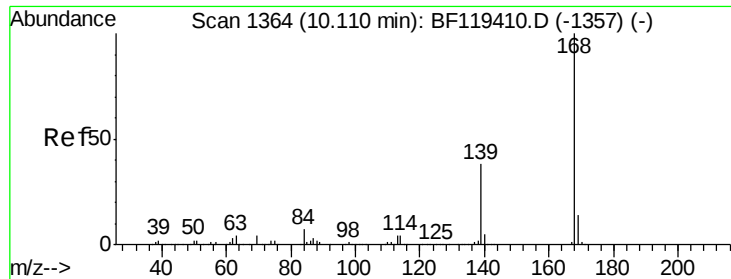
108 97.5 9.0 13.6#

92 0.0 93.2 139.8#



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): BF1

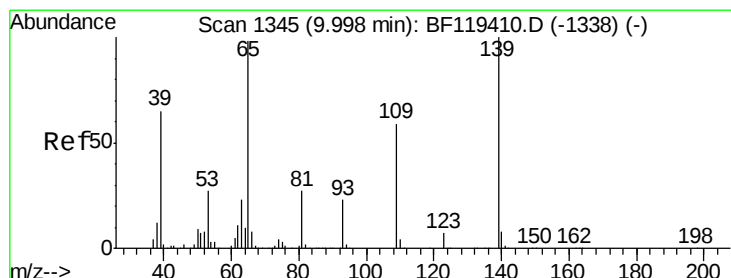
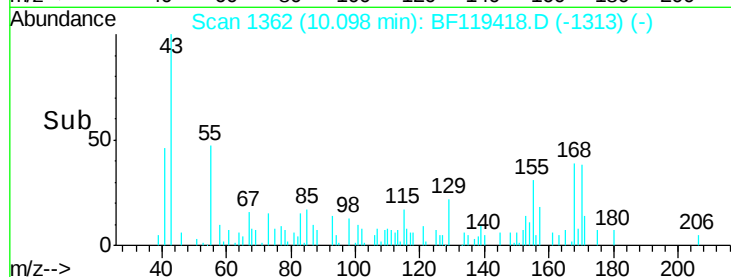
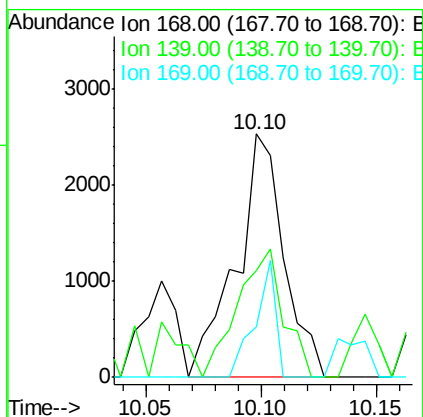
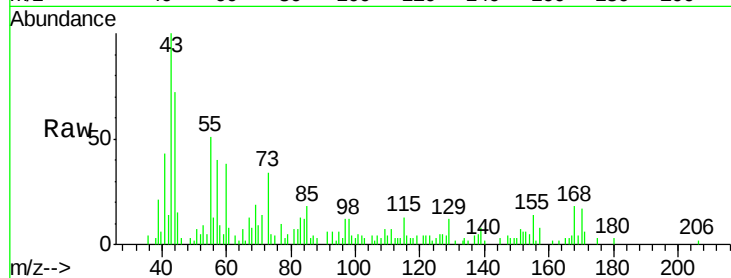




#55
Dibenzofuran
Concen: 0.06 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

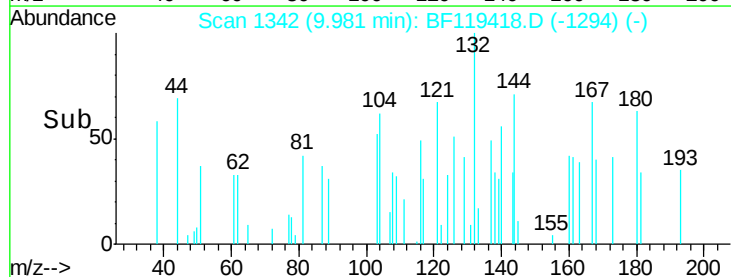
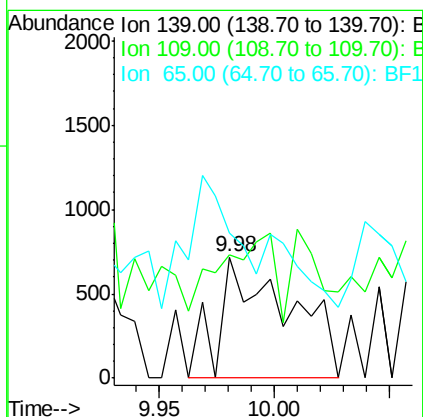
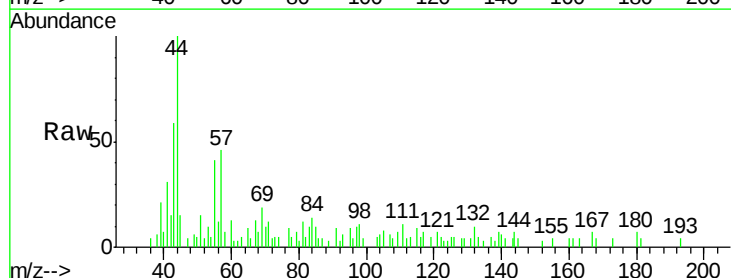
Instrument :
BNA_F
ClientSampleId :
MH-F

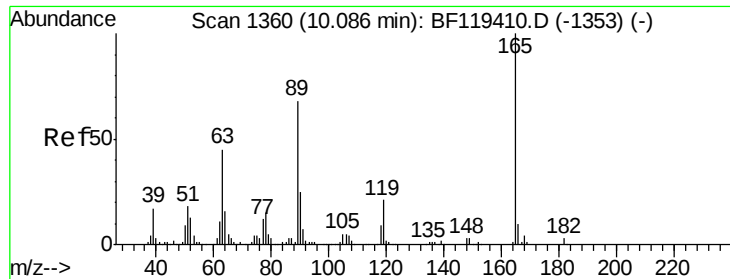
Tgt Ion:168 Resp: 3654
Ion Ratio Lower Upper
168 100
139 43.7 30.2 45.4
169 20.7 11.1 16.7#



#56
4-Nitrophenol
Concen: 0.15 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion:139 Resp: 1520
Ion Ratio Lower Upper
139 100
109 102.2 39.6 79.6#
65 119.9 78.3 118.3#

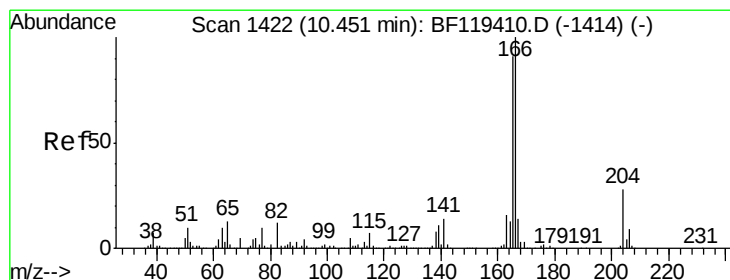
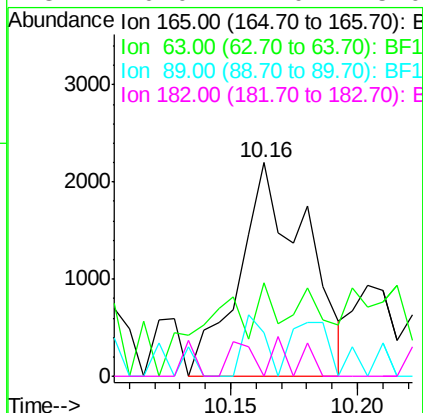
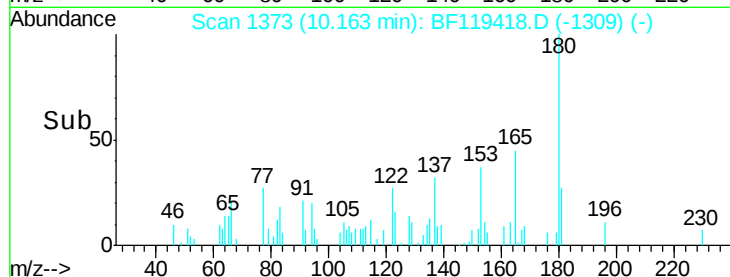
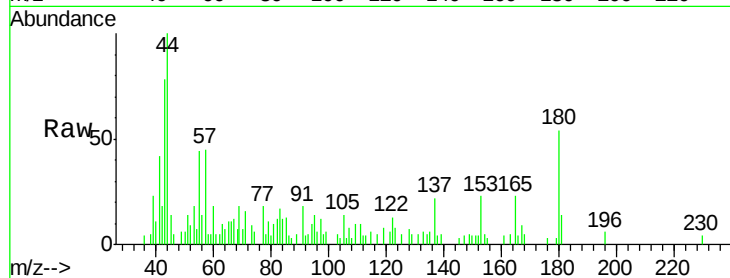




#57
2,4-Dinitrotoluene
Concen: 0.31 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.08 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

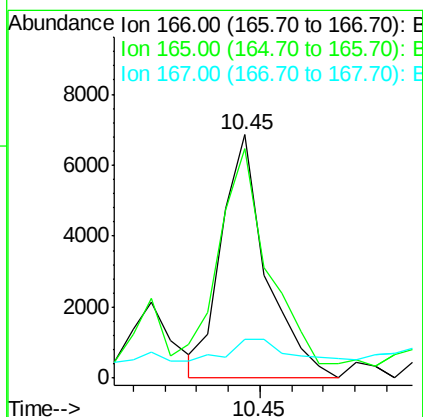
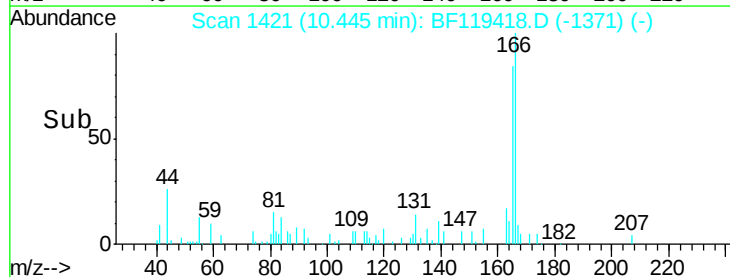
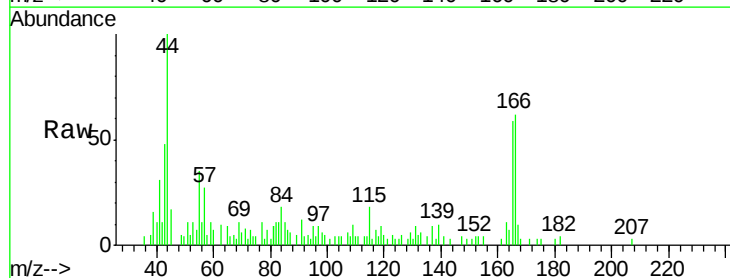
Instrument :
BNA_F
ClientSampleId :
MH-F

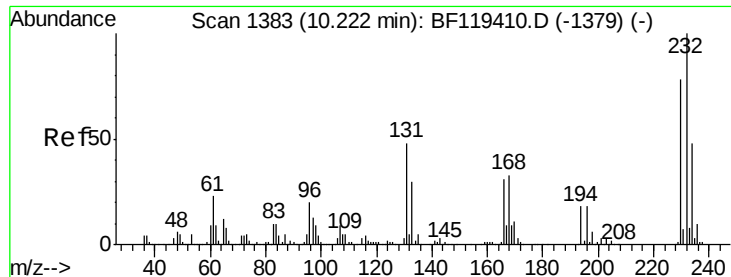
Tgt Ion:165 Resp: 4048
Ion Ratio Lower Upper
165 100
63 43.7 36.2 54.4
89 20.2 54.3 81.5#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 0.15 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion:166 Resp: 6643
Ion Ratio Lower Upper
166 100
165 94.3 73.1 109.7
167 15.8 11.0 16.6

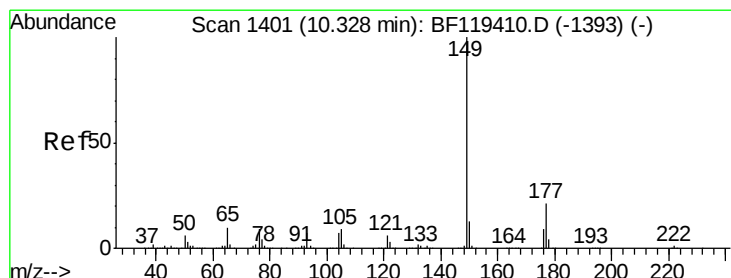
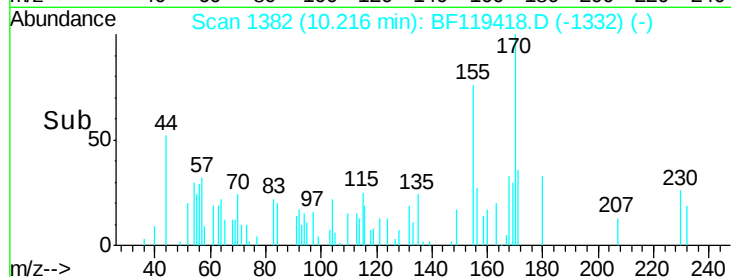
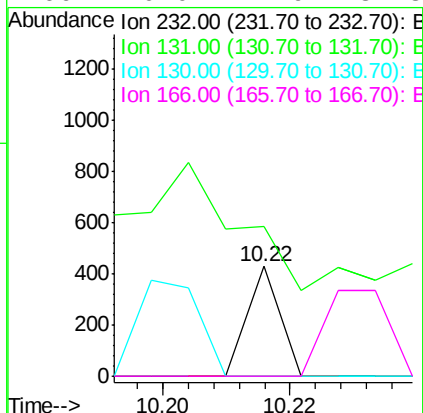
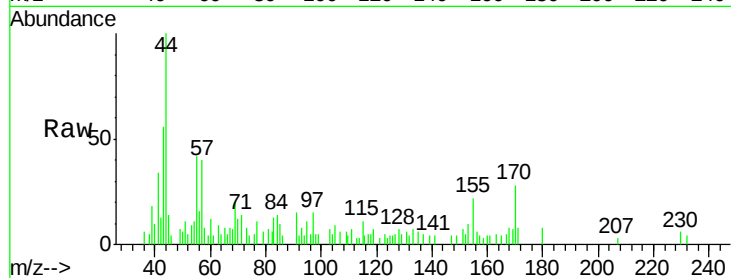




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.01 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Instrument :
BNA_F
ClientSampleId :
MH-F

Tgt Ion: 232 Resp: 151
Ion Ratio Lower Upper
232 100
131 0.0 36.3 54.5#
130 167.5 1.8 2.6#
166 0.0 24.9 37.3#



#60
Diethylphthalate
Concen: 0.16 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119418.D
Acq: 18 Mar 2020 16:35

Tgt Ion: 149 Resp: 7974
Ion Ratio Lower Upper
149 100
177 24.9 17.0 25.6
150 14.4 10.2 15.4

