

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121851.D
 Acq On : 6 Oct 2020 14:25
 Operator : JU/CG
 Sample : L4213-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Quant Time: Oct 06 14:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131114	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	503161	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	255581	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	429797	20.00	ng	0.00
76) Chrysene-d12	13.93	240	260768	20.00	ng	0.00
86) Perylene-d12	15.36	264	271023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	999327	113.27	ng	0.01
7) Phenol-d6	6.42	99	1287358	111.22	ng	0.00
23) Nitrobenzene-d5	7.33	82	921891	98.37	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	352406	110.94	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1449180	85.88	ng	0.00
79) Terphenyl-d14	12.87	244	1152859	89.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	156317	38.566	ng	99
3) Pyridine	3.28	79	455400	40.642	ng	99
4) n-Nitrosodimethylamine	3.23	42	220763	42.475	ng	99
6) Aniline	6.43	93	379696	25.187	ng	# 1
8) 2-Chlorophenol	6.55	128	405306	45.121	ng	99
9) Benzaldehyde	6.31	77	115013	15.200	ng	99
10) Phenol	6.43	94	496281	40.264	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	406682	43.778	ng	98
12) 1,3-Dichlorobenzene	6.70	146	429967	42.885	ng	99
13) 1,4-Dichlorobenzene	6.78	146	431100	42.823	ng	99
14) 1,2-Dichlorobenzene	6.93	146	411873	44.412	ng	99
15) Benzyl Alcohol	6.92	79	356667	45.336	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	614940	41.136	ng	72
17) 2-Methylphenol	7.03	107	332469	43.500	ng	# 94
18) Hexachloroethane	7.27	117	157568	43.713	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	285235	42.759	ng	100
20) 3+4-Methylphenols	7.19	107	401278	43.698	ng	# 77
22) Acetophenone	7.18	105	541785	42.439	ng	97
24) Nitrobenzene	7.35	77	438914	43.304	ng	100
25) Isophorone	7.59	82	791137	41.938	ng	100
26) 2-Nitrophenol	7.67	139	213743	44.966	ng	99
27) 2,4-Dimethylphenol	7.71	122	357834	42.494	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	506485	43.369	ng	100
29) 2,4-Dichlorophenol	7.92	162	332731	43.383	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	347068	42.967	ng	99
31) Naphthalene	8.07	128	1143877	43.066	ng	99
32) Benzoic acid	7.85	122	106399	21.424	ng	98
33) 4-Chloroaniline	8.12	127	266520	23.148	ng	98
34) Hexachlorobutadiene	8.19	225	207857	43.840	ng	98
35) Caprolactam	8.50	113	81151	31.773	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	359316	43.490	ng	99
37) 2-Methylnaphthalene	8.76	142	737381	42.362	ng	98
38) 1-Methylnaphthalene	8.86	142	686825	42.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	345659	43.297	ng	100

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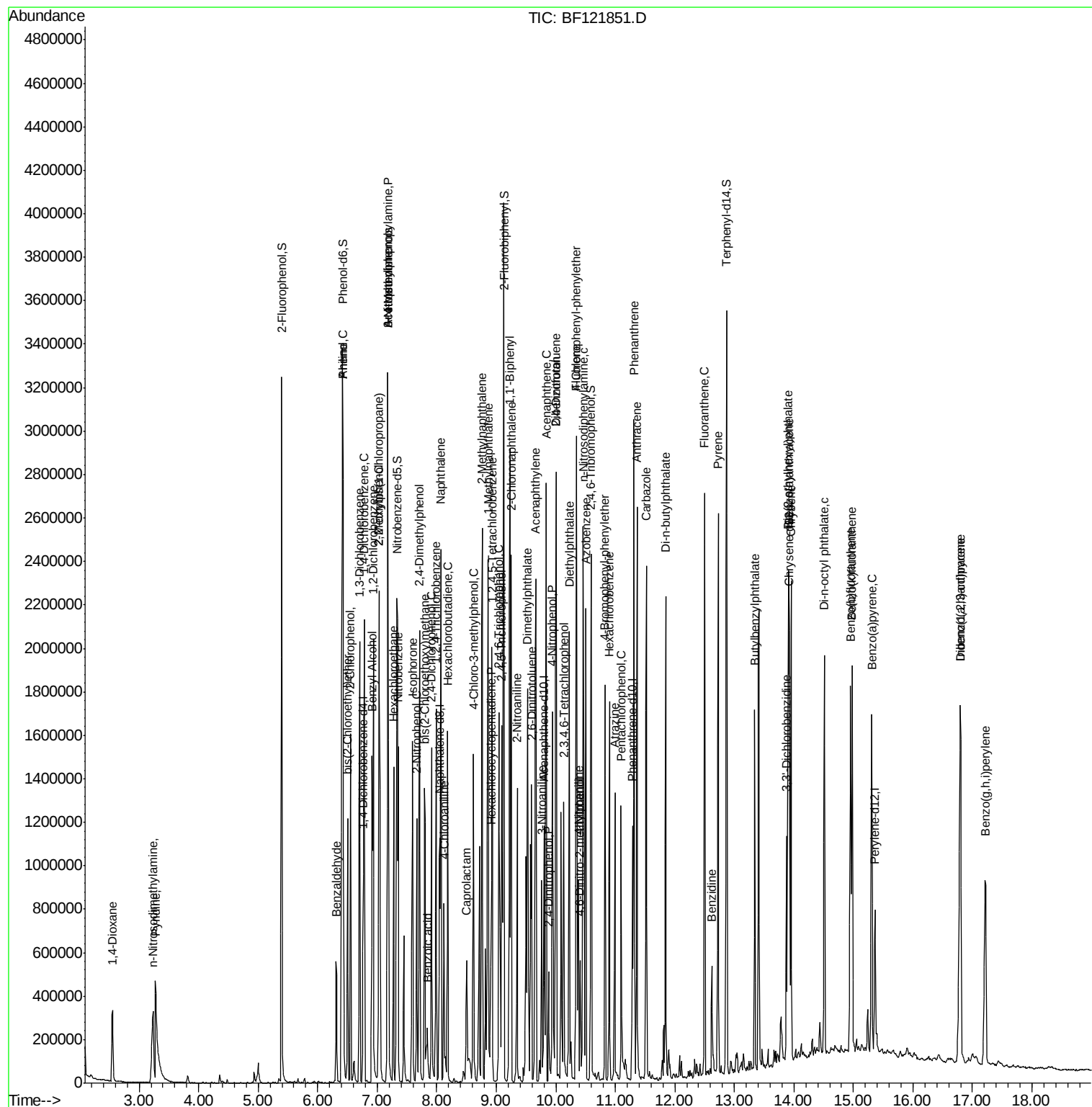
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	118636	26.021	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	226954	41.707	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	234412	40.748	ng	98
46) 1,1'-Biphenyl	9.23	154	871598	42.598	ng	99
47) 2-Chloronaphthalene	9.25	162	679674	42.154	ng	100
48) 2-Nitroaniline	9.35	65	237396	47.380	ng	98
49) Acenaphthylene	9.66	152	1049034	42.345	ng	99
50) Dimethylphthalate	9.53	163	1001527	54.066	ng	100
51) 2,6-Dinitrotoluene	9.60	165	181990	46.132	ng	# 84
52) Acenaphthene	9.84	154	631557	40.362	ng	99
53) 3-Nitroaniline	9.76	138	134108	29.345	ng	98
54) 2,4-Dinitrophenol	9.88	184	74083	37.924	ng	95
55) Dibenzofuran	10.01	168	907906	41.202	ng	100
56) 4-Nitrophenol	9.95	139	215043	59.003	ng	91
57) 2,4-Dinitrotoluene	10.00	165	217550	43.834	ng	96
58) Fluorene	10.35	166	718656	42.647	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	178053	38.072	ng	98
60) Diethylphthalate	10.23	149	785623	43.499	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	348090	43.122	ng	95
62) 4-Nitroaniline	10.38	138	174089	38.366	ng	99
63) Azobenzene	10.50	77	796644	41.421	ng	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	72557	30.436	ng	91
66) n-Nitrosodiphenylamine	10.46	169	672902	45.635	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	227160	46.421	ng	94
68) Hexachlorobenzene	10.90	284	243812	44.150	ng	99
69) Atrazine	10.99	200	157965	43.120	ng	98
70) Pentachlorophenol	11.10	266	159859	52.710	ng	100
71) Phenanthrene	11.32	178	1177222	50.272	ng	100
72) Anthracene	11.36	178	1049421	43.426	ng	100
73) Carbazole	11.52	167	878132	40.268	ng	100
74) Di-n-butylphthalate	11.85	149	1118320	44.433	ng	100
75) Fluoranthene	12.50	202	1163065	46.527	ng	100
77) Benzidine	12.62	184	194974	22.553	ng	100
78) Pyrene	12.73	202	1121715	58.875	ng	99
80) Butylbenzylphthalate	13.35	149	383061	49.713	ng	96
81) Benzo(a)anthracene	13.92	228	860345	52.150	ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	220557	34.245	ng	99
83) Chrysene	13.96	228	825040	49.386	ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	507898	49.340	ng	99
85) Di-n-octyl phthalate	14.51	149	833199	45.864	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	876118	49.639	ng	99
88) Benzo(b)fluoranthene	14.95	252	957997	52.875	ng	99
89) Benzo(k)fluoranthene	14.98	252	714188	43.045	ng	98
90) Benzo(a)pyrene	15.31	252	783312	50.861	ng	99
91) Dibenzo(a,h)anthracene	16.80	278	678879	46.206	ng	98
92) Benzo(g,h,i)perylene	17.22	276	722171	50.004	ng	99

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

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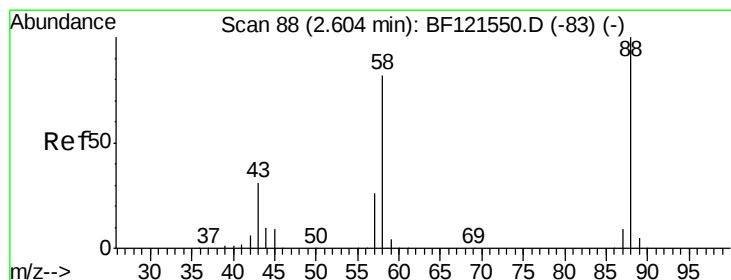
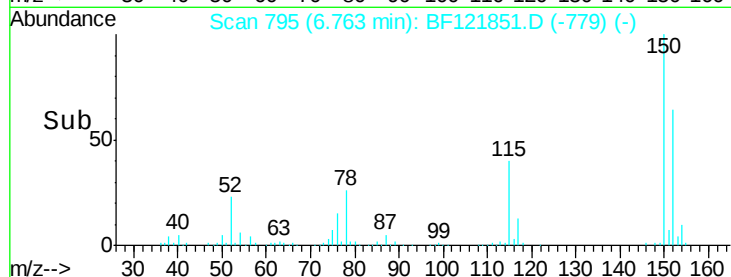
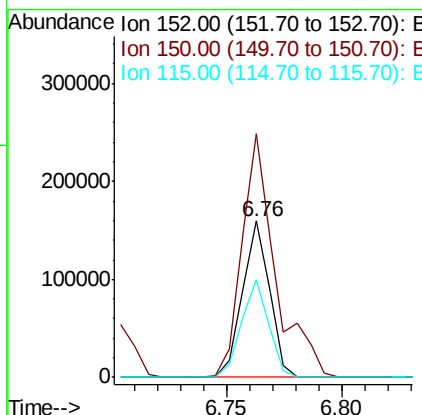
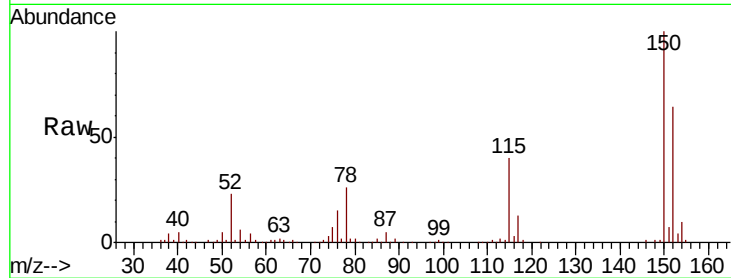




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

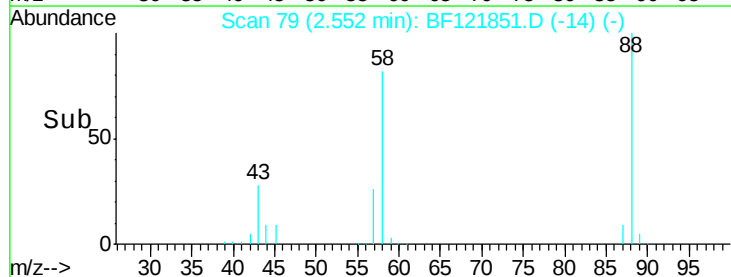
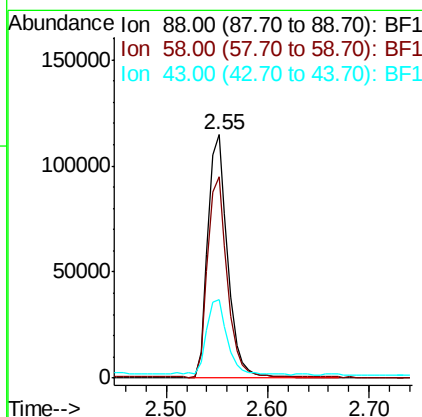
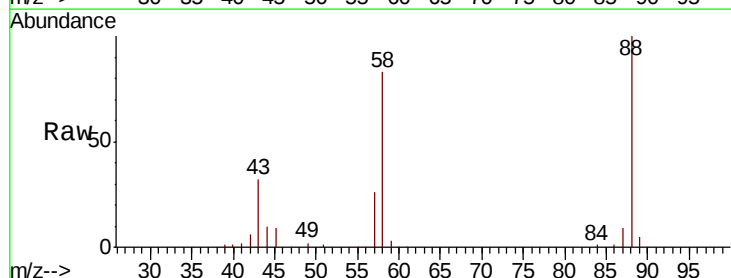
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

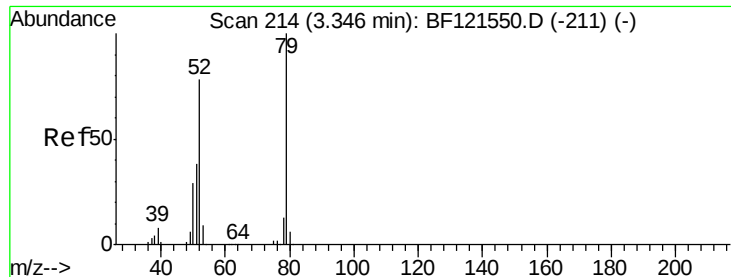
Tot Ion:152 Resp: 131114
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 62.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 38.566 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion: 88 Resp: 156317
 Ion Ratio Lower Upper
 88 100
 58 81.6 65.8 98.8
 43 31.2 25.8 38.8





#3

Pvridine

Concen: 40.642 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.08 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

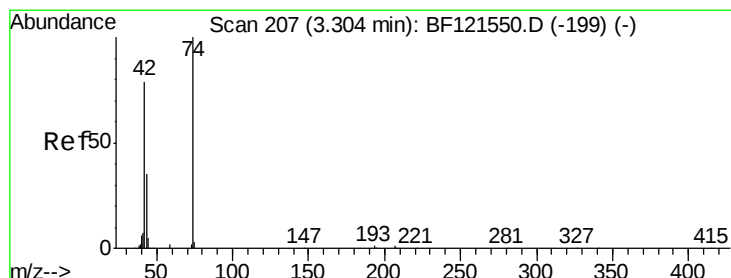
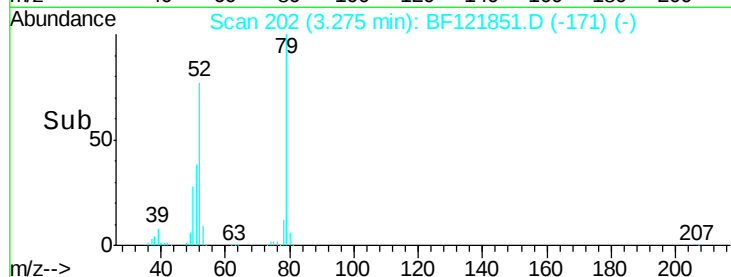
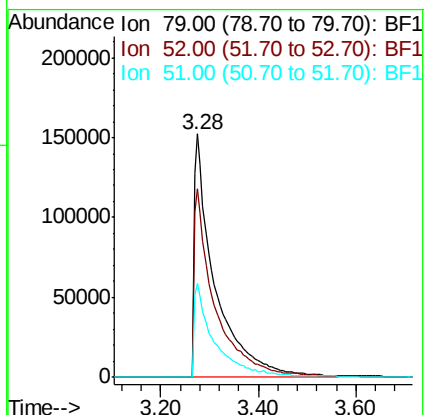
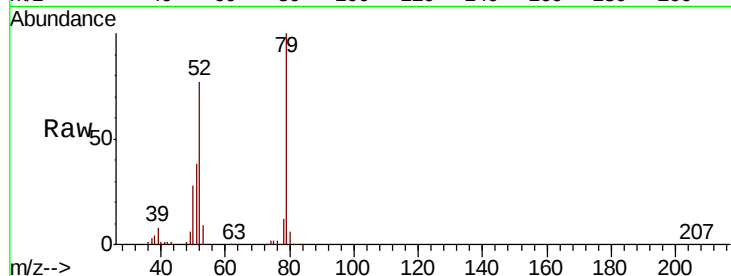
Tot Ion: 79 Resp: 455400

Ion Ratio Lower Upper

79 100

52 77.3 62.2 93.4

51 38.4 31.1 46.7



#4

n-Nitrosodimethylamine

Concen: 42.475 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.08 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

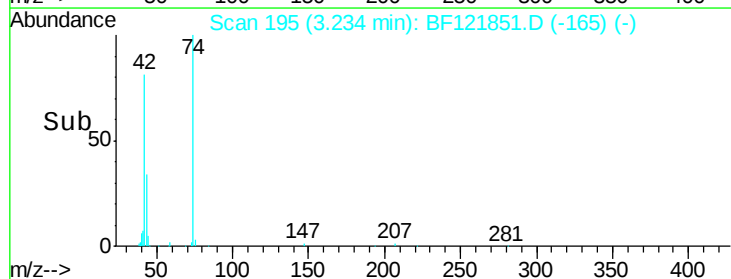
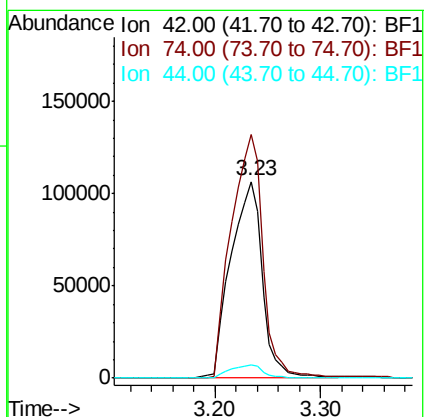
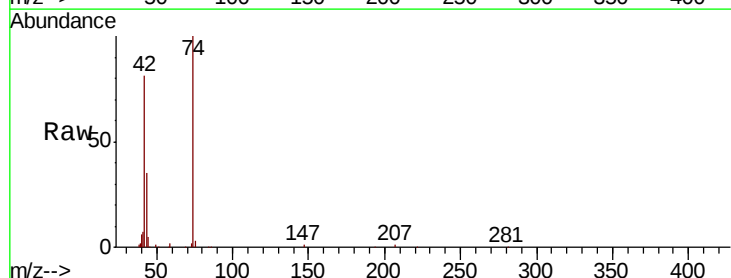
Tgt Ion: 42 Resp: 220763

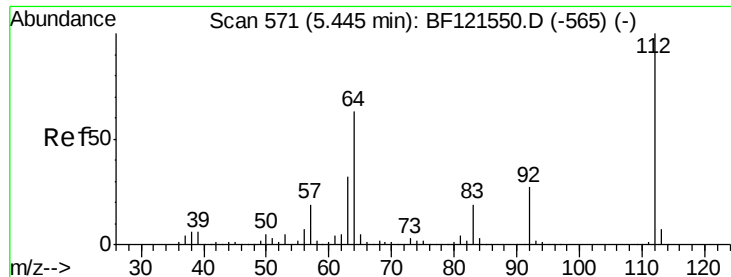
Ion Ratio Lower Upper

42 100

74 123.8 100.2 150.2

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 113.270 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

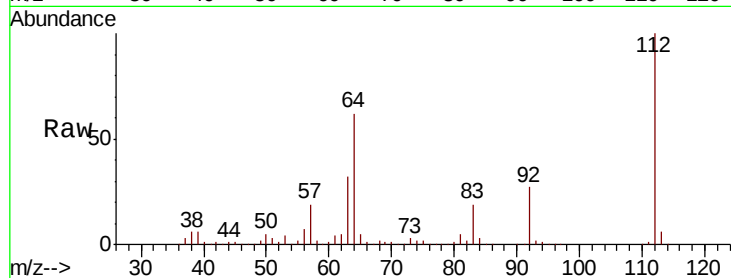
Tot Ion:112 Resp: 999327

Ion Ratio Lower Upper

112 100

64 61.6 50.4 75.6

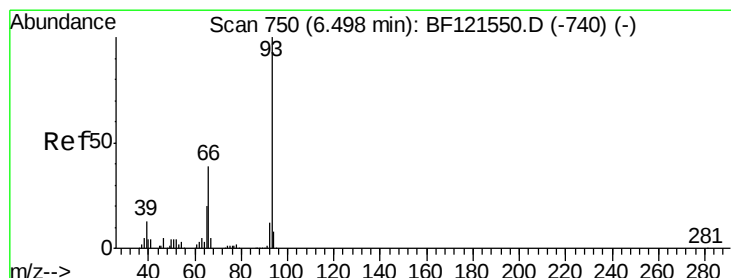
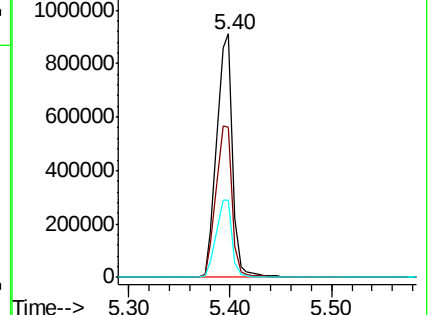
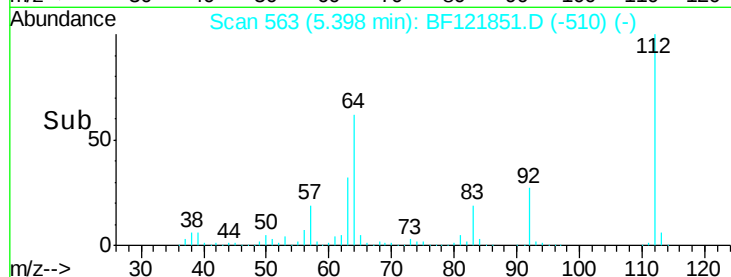
63 31.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.187 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

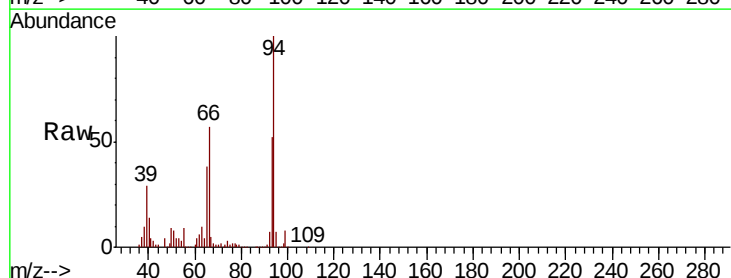
Tgt Ion: 93 Resp: 379696

Ion Ratio Lower Upper

93 100

66 110.0 32.7 49.1#

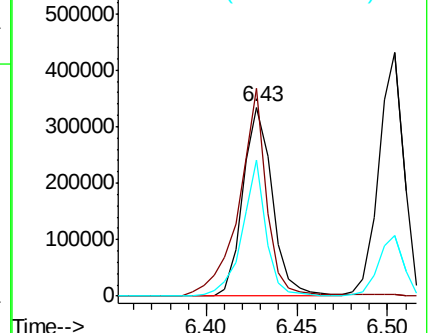
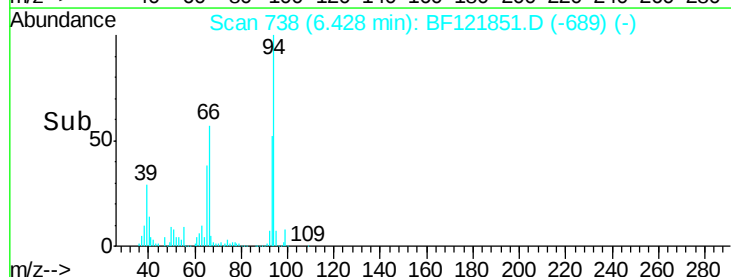
65 71.8 16.6 24.8#



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: 111.222 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

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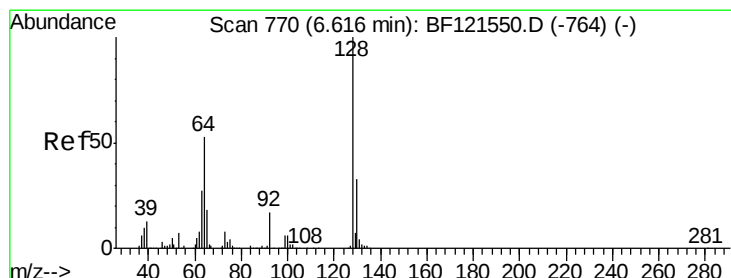
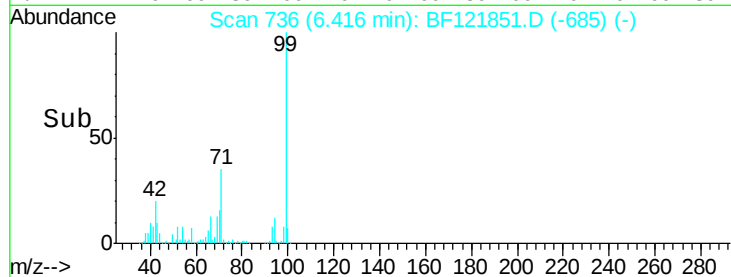
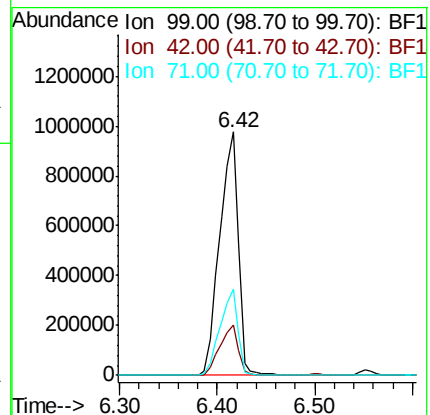
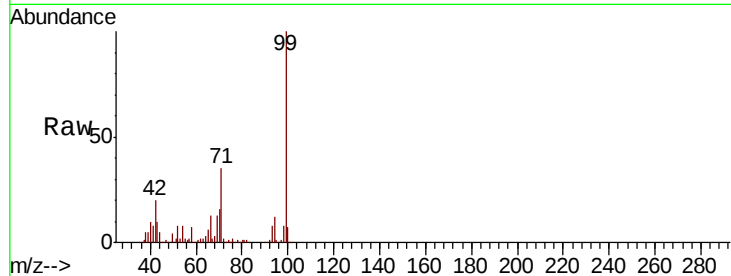
Tot Ion: 99 Resp: 1287358

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

71 35.3 27.1 40.7



#8

2-Chlorophenol

Concen: 45.121 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

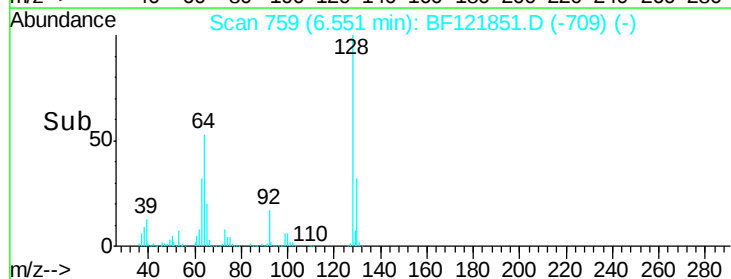
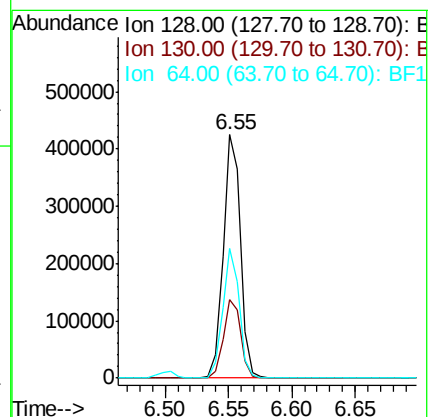
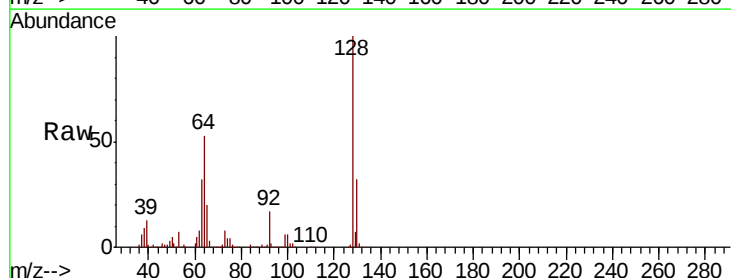
Tgt Ion: 128 Resp: 405306

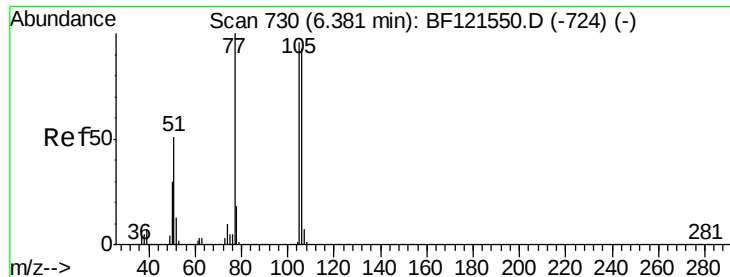
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 53.3 34.8 74.8





#9

Benzaldehyde

Concen: 15.200 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

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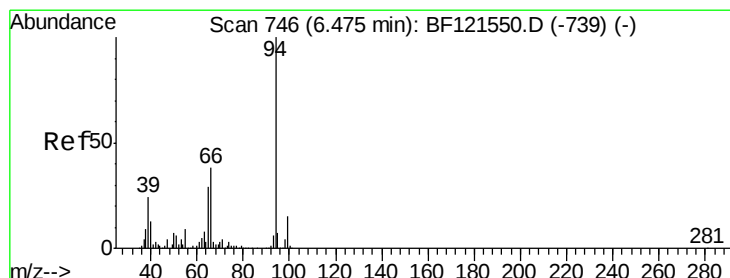
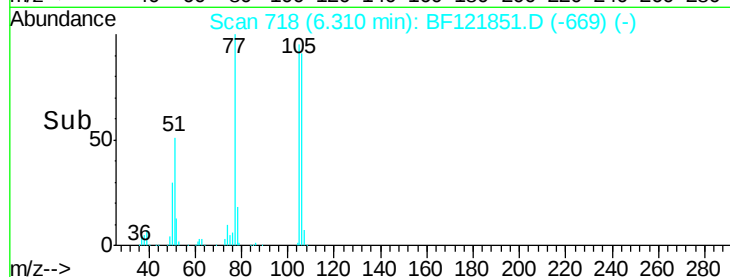
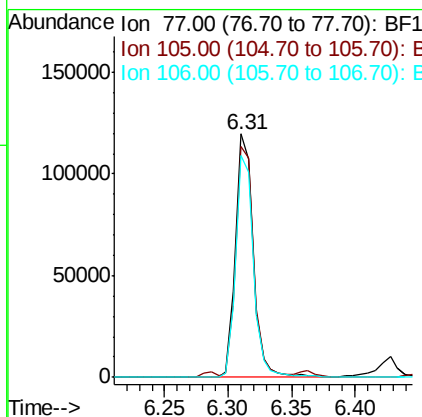
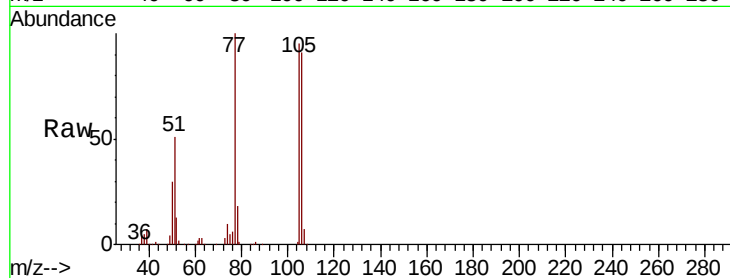
Tot Ion: 77 Resp: 115013

Ion Ratio Lower Upper

77 100

105 94.8 76.7 116.7

106 90.9 71.3 111.3



#10

Phenol

Concen: 40.264 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

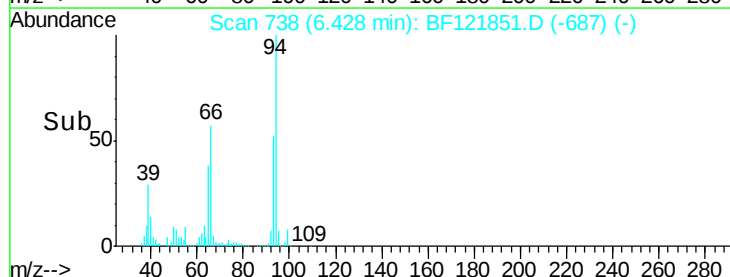
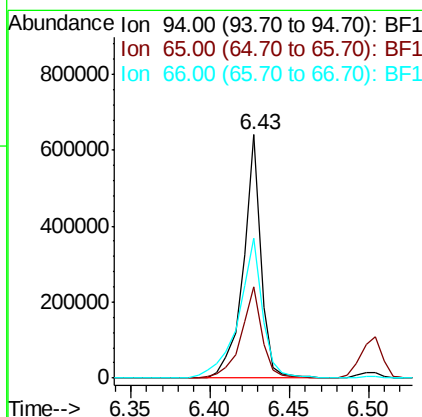
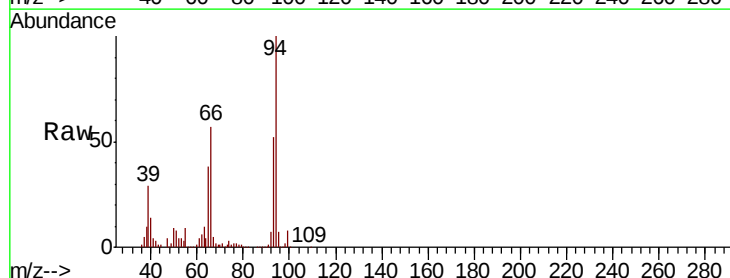
Tgt Ion: 94 Resp: 496281

Ion Ratio Lower Upper

94 100

65 37.5 17.1 57.1

66 57.5 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 43.778 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

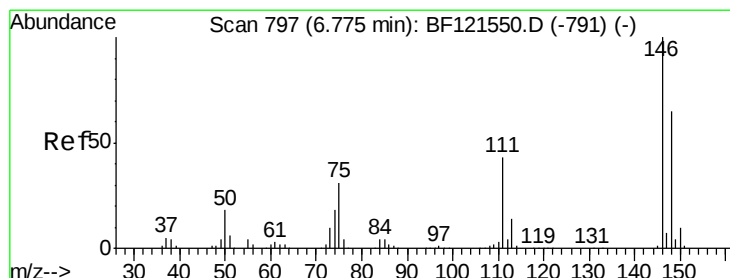
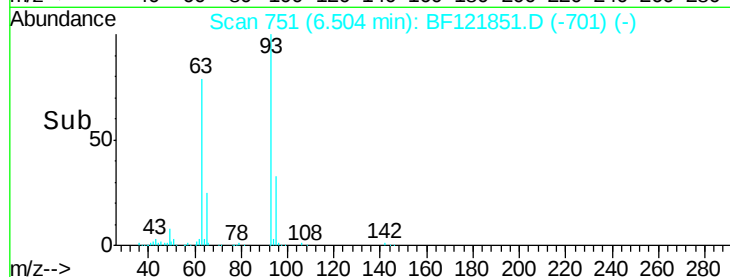
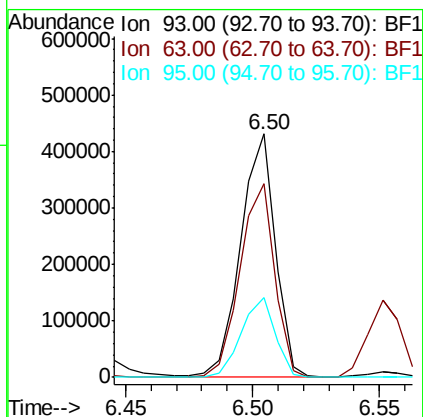
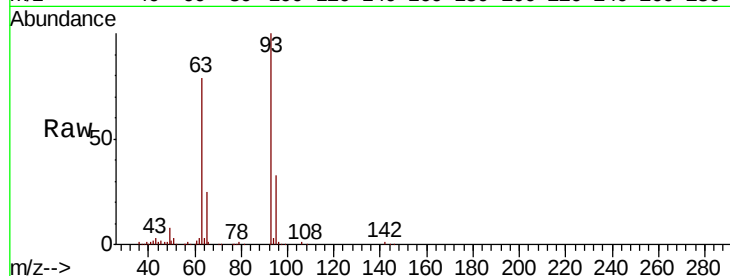
Tot Ion: 93 Resp: 406682

Ion Ratio Lower Upper

93 100

63 79.5 62.4 102.4

95 32.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.885 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

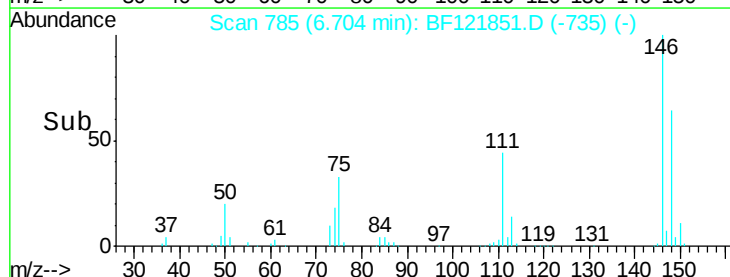
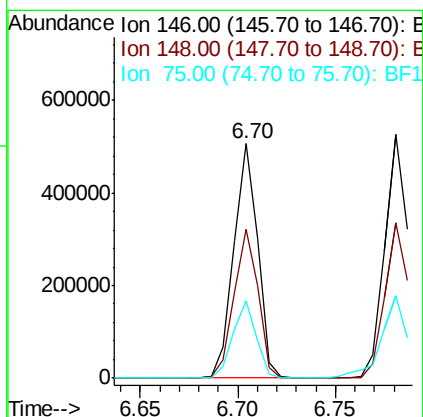
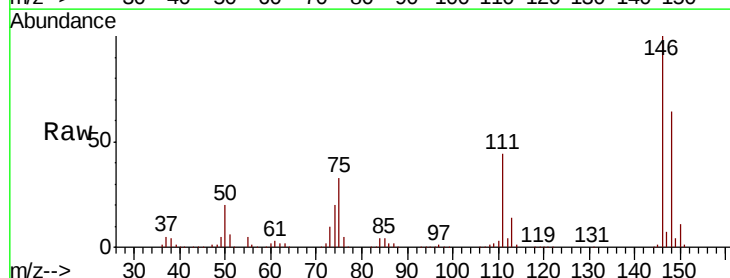
Tgt Ion: 146 Resp: 429967

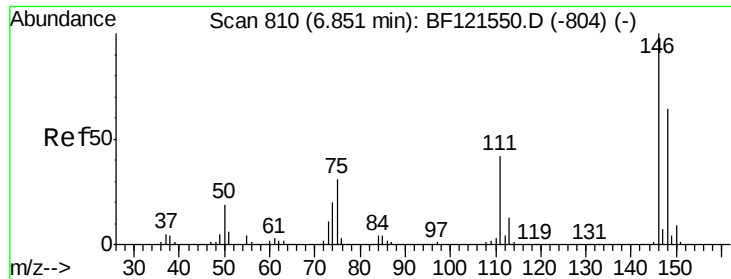
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 32.8 27.6 41.4

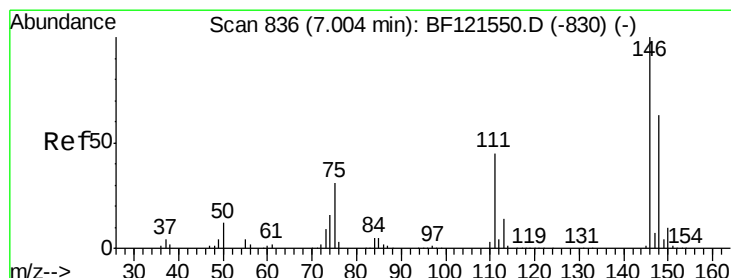
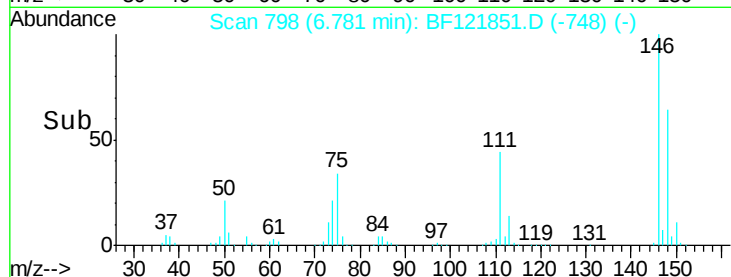
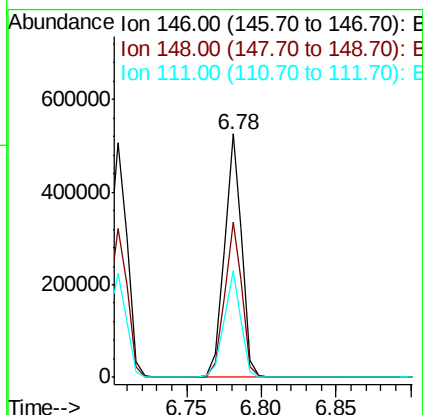
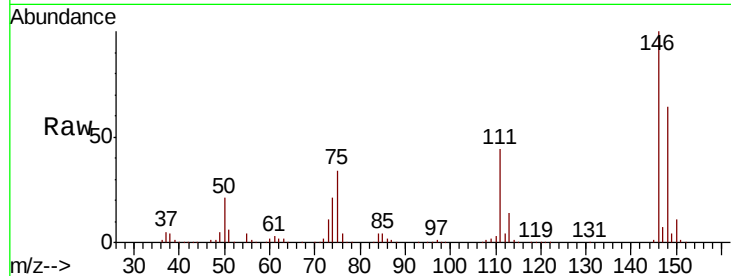




#13
 1,4-Dichlorobenzene
 Concen: 42.823 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

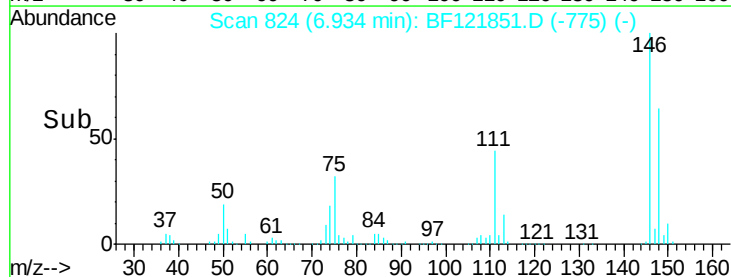
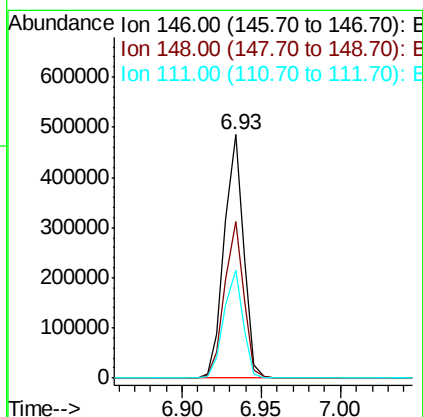
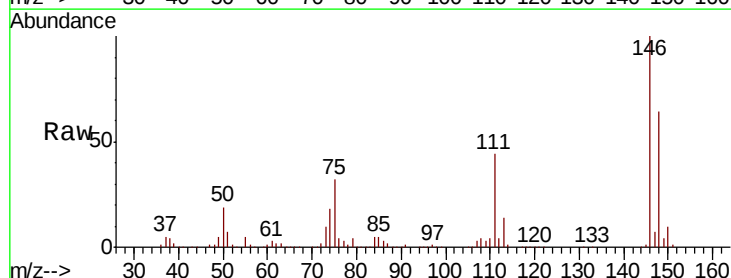
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

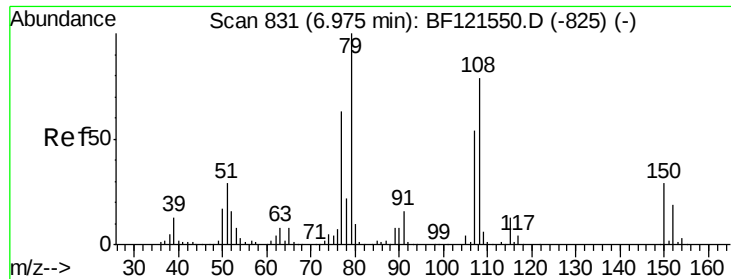
Tot Ion:146 Resp: 431100
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.1 75.1
 111 43.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 44.412 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:146 Resp: 411873
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 44.5 34.2 51.4

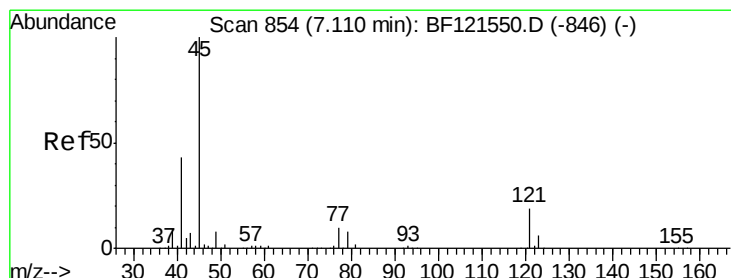
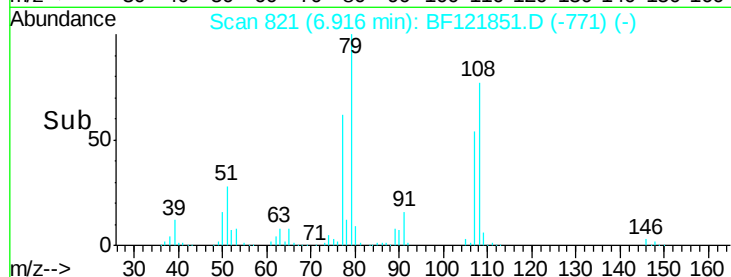
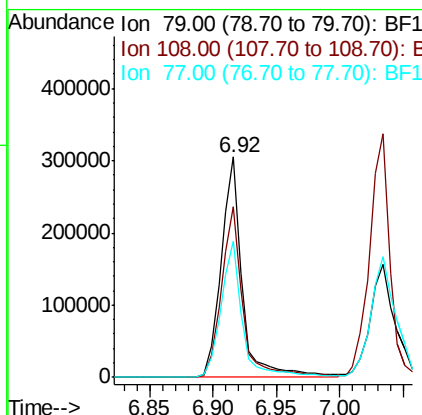
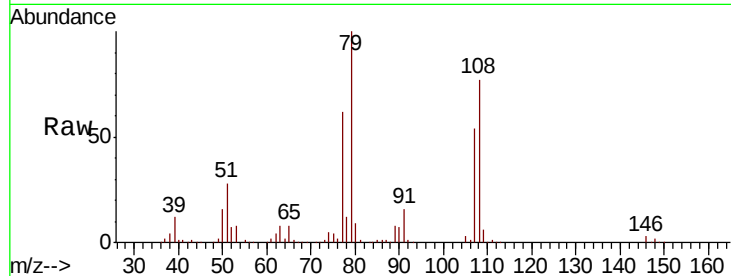




#15
Benzyl Alcohol
Concen: 45.336 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

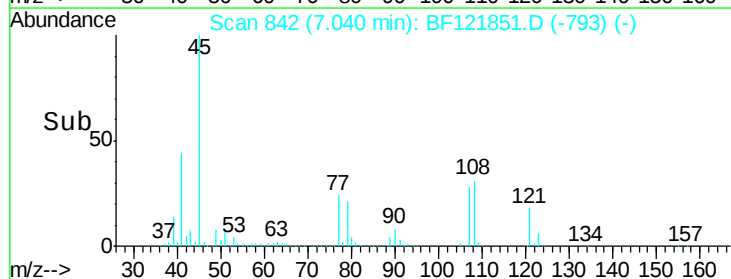
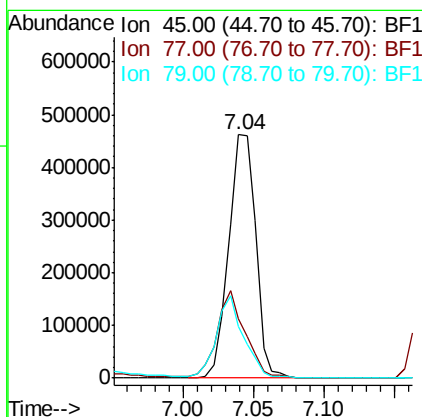
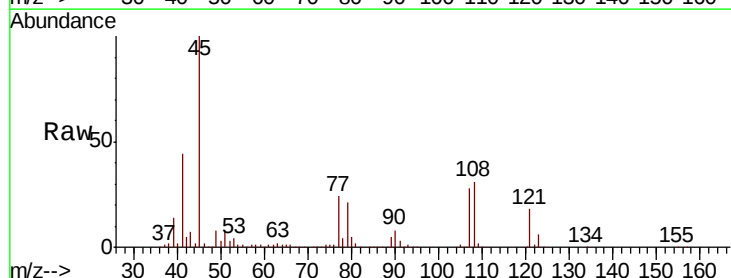
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

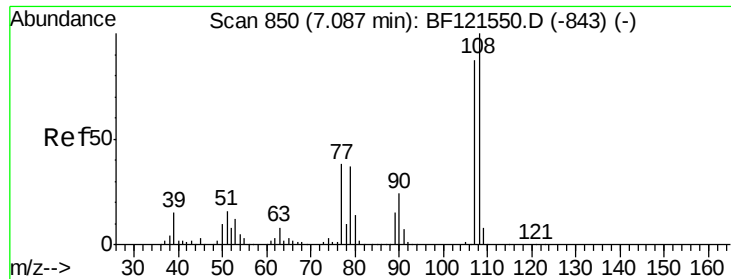
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	62.3	93.5
77	61.8	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.136 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.4	0.0	33.3
79	21.0	0.0	30.4

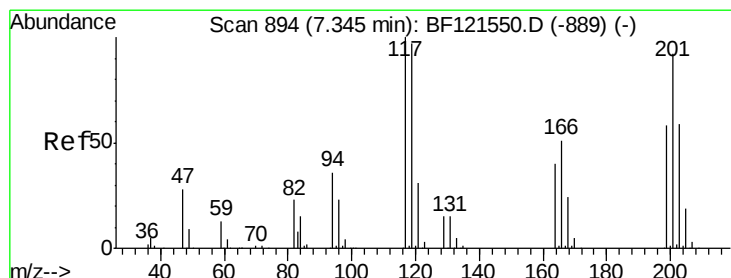
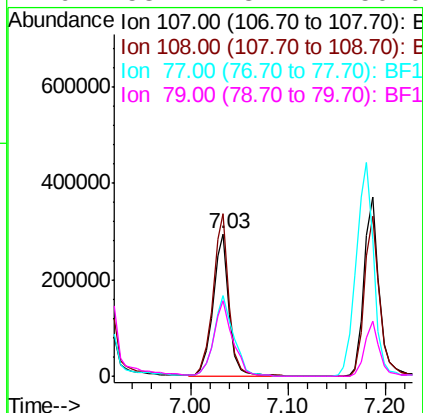
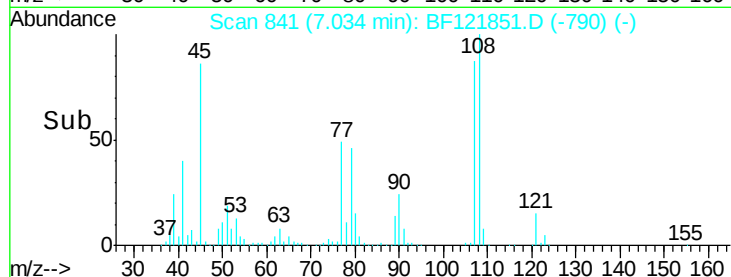
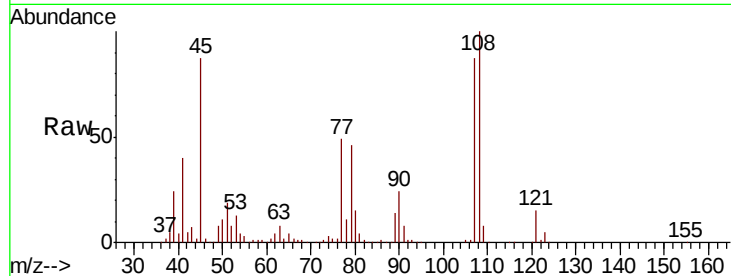




#17
2-Methylphenol
Concen: 43.500 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

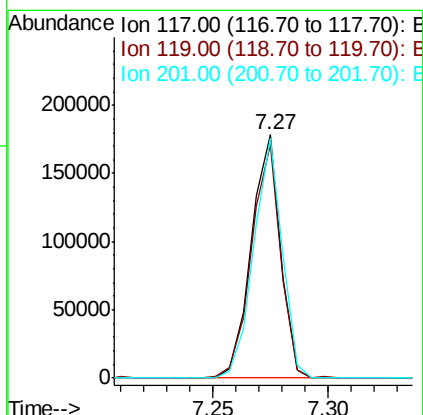
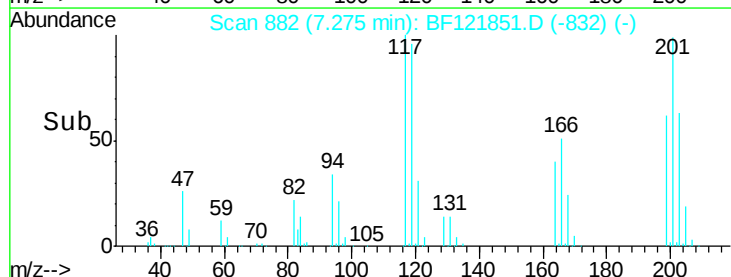
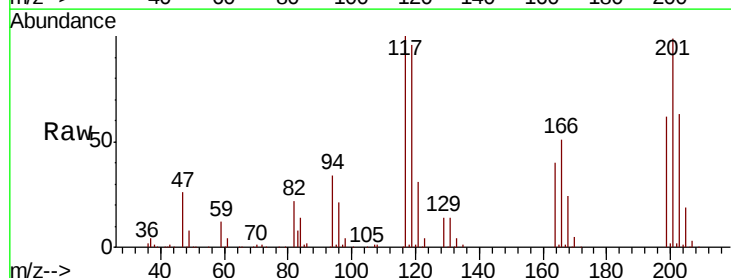
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

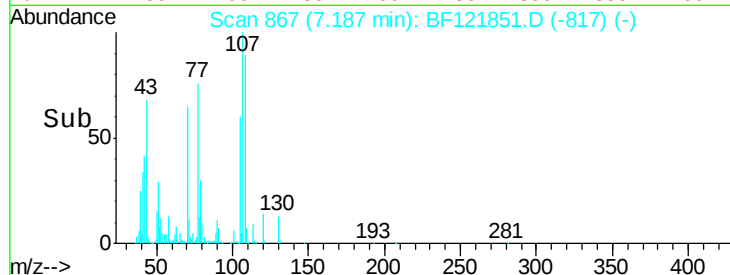
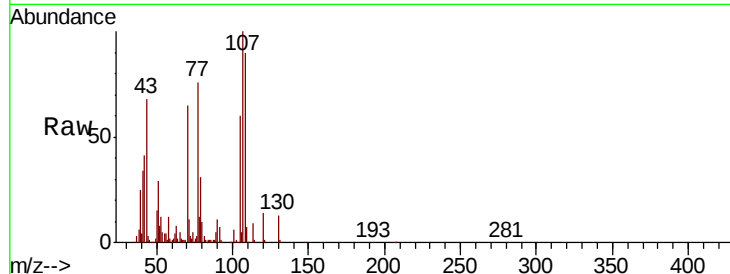
Tot Ion:107 Resp: 332469
Ion Ratio Lower Upper
107 100
108 114.4 90.9 136.3
77 56.6 37.5 56.3#
79 53.1 37.4 56.0



#18
Hexachloroethane
Concen: 43.713 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:117 Resp: 157568
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
201 98.7 71.8 107.6

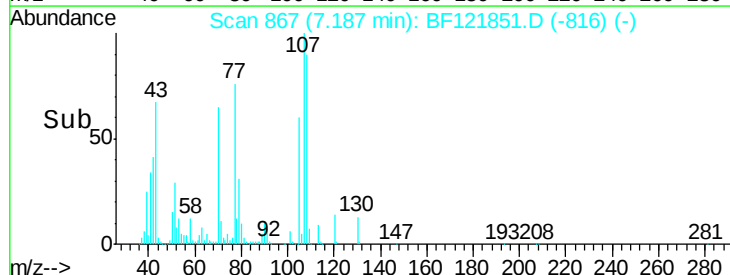
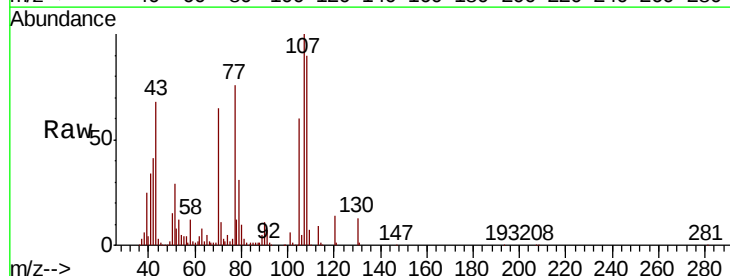
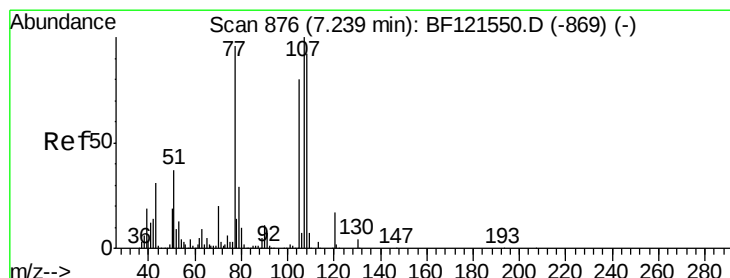
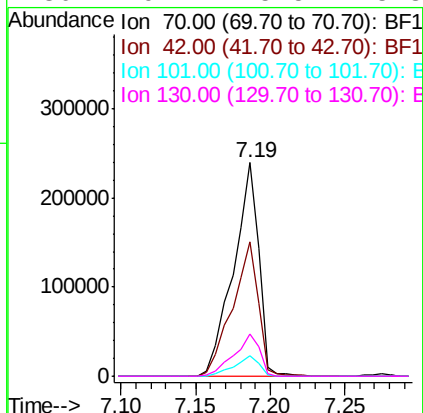




#19
n-Nitroso-di-n-propylamine
Concen: 42.759 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

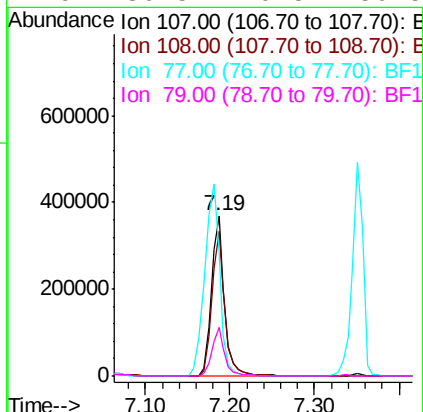
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

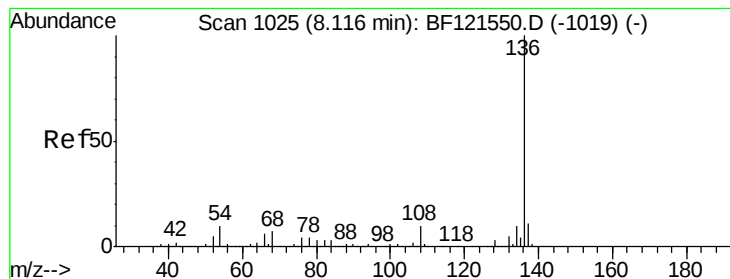
Tot Ion:	70	Resp:	285235
Ion	Ratio	Lower	Upper
70	100		
42	62.8	50.2	75.4
101	9.5	7.5	11.3
130	19.7	15.5	23.3



#20
3+4-Methylphenols
Concen: 43.698 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:	107	Resp:	401278
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.9	108.9
77	76.5	108.0	148.0#
79	30.5	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

Tot Ion:136 Resp: 503161

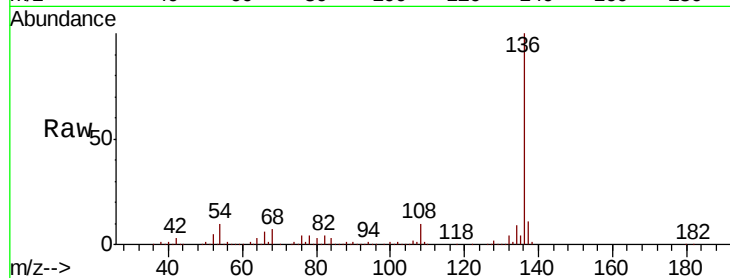
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 7.1 10.7

68 7.0 5.0 7.4

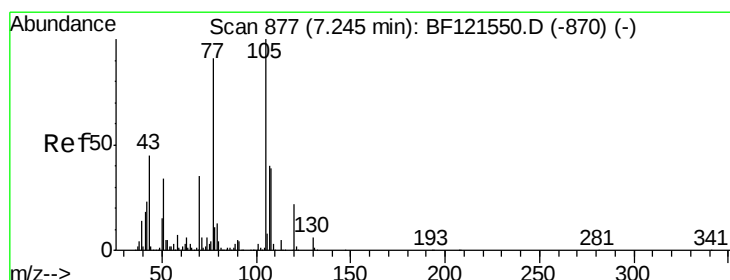
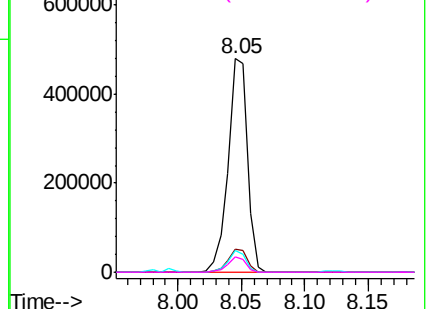
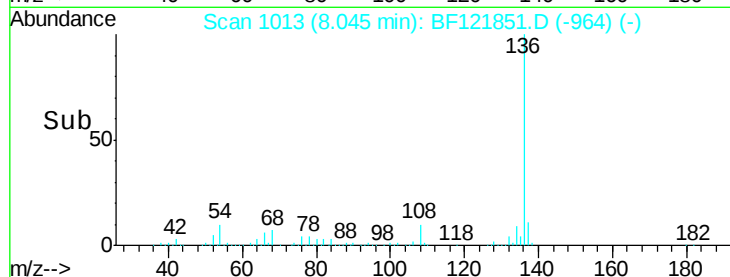


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.439 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Tgt Ion:105 Resp: 541785

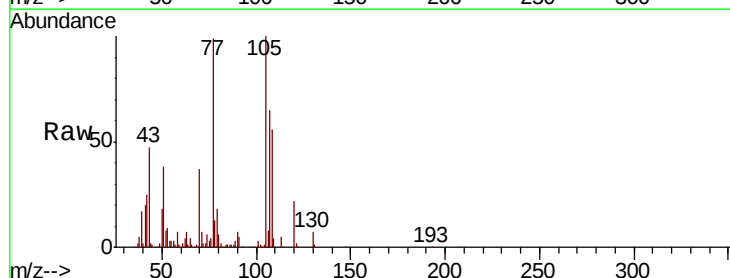
Ion Ratio Lower Upper

105 100

71 6.6 5.3 7.9

51 38.0 33.2 49.8

120 21.9 17.4 26.0

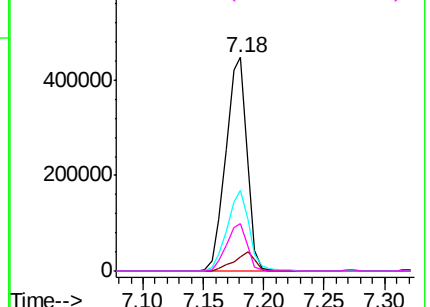
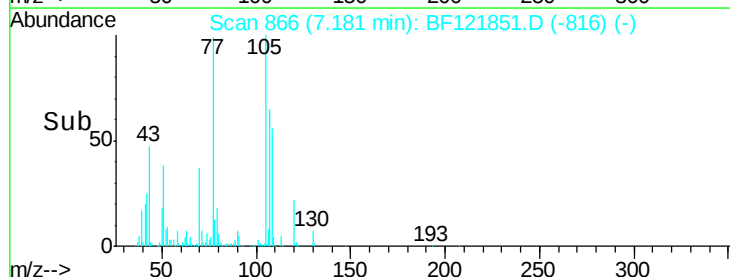


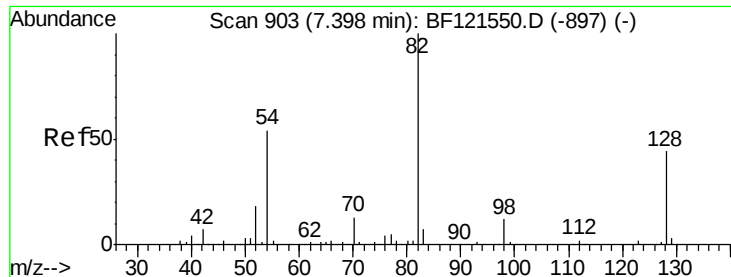
Abundance Ion 105.00 (104.70 to 105.70): E

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

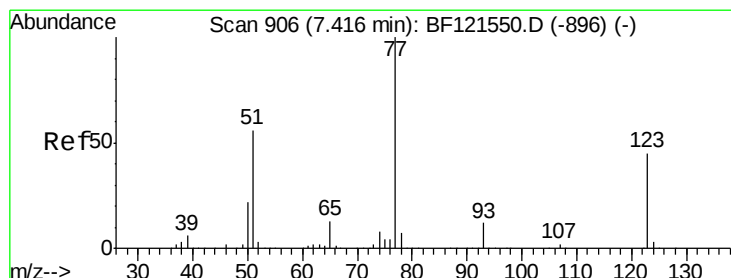
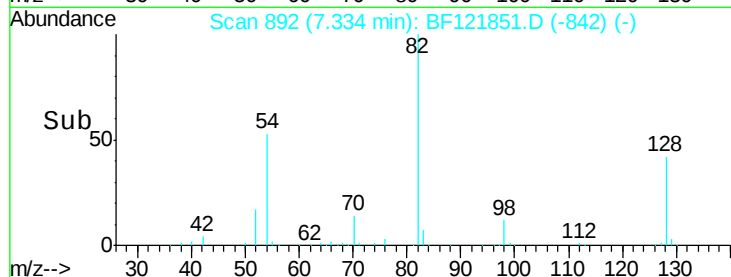
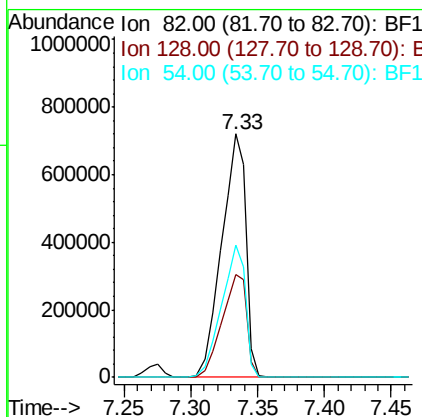
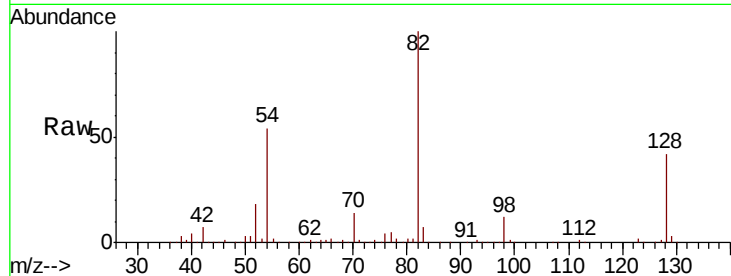




#23
 Nitrobenzene-d5
 Concen: 98.374 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

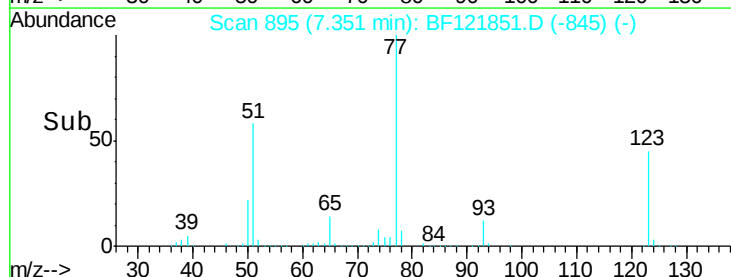
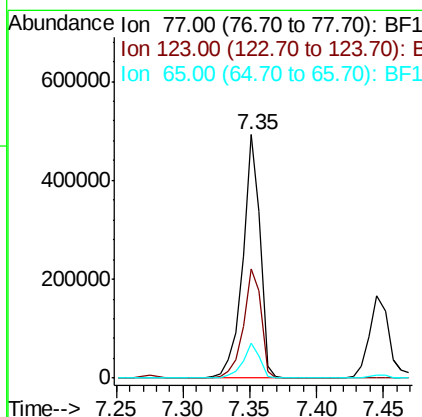
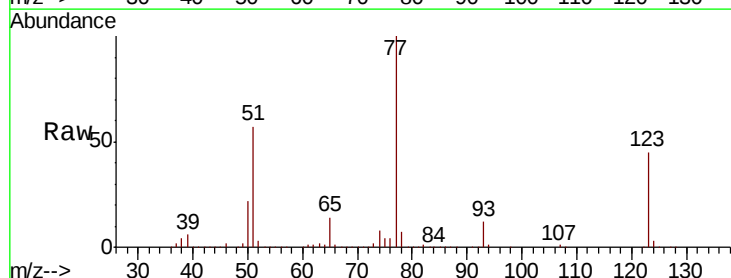
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion: 82 Resp: 921891
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.0 52.4
 54 54.1 43.9 65.9



#24
 Nitrobenzene
 Concen: 43.304 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion: 77 Resp: 438914
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.6 53.4
 65 14.2 11.2 16.8

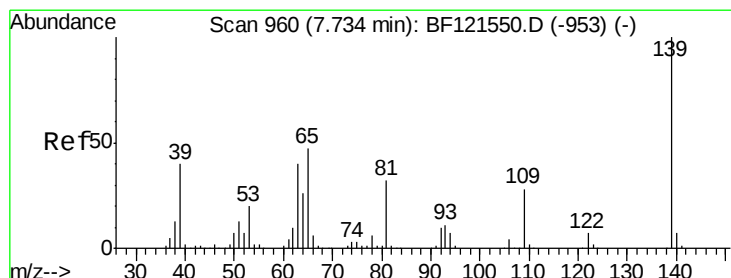
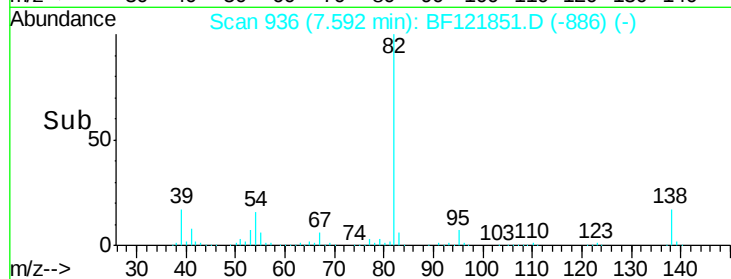
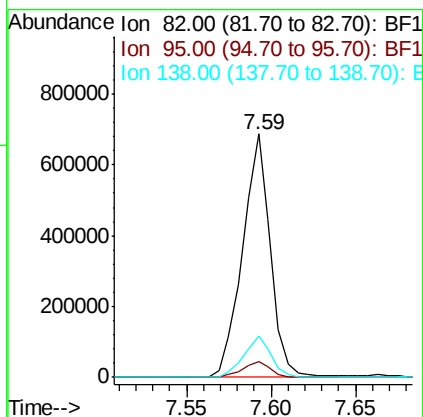
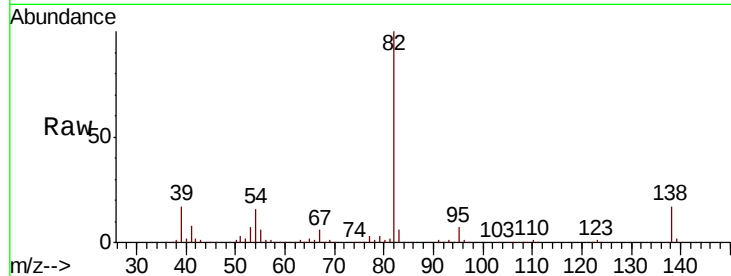




#25
Isophorone
Concen: 41.938 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

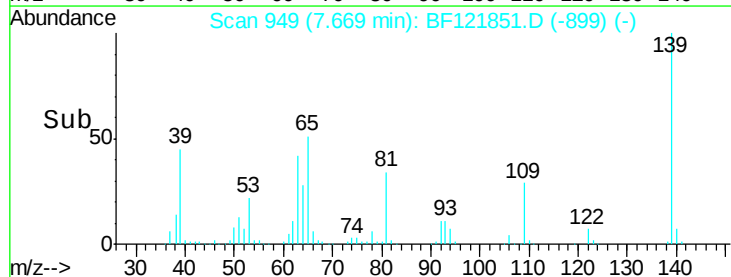
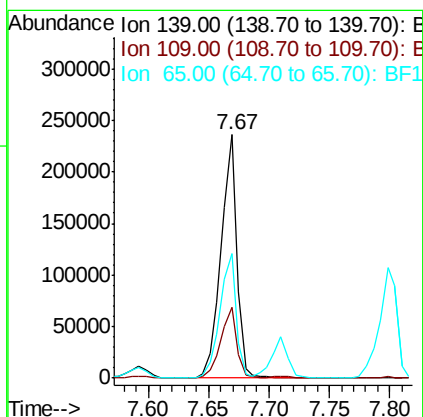
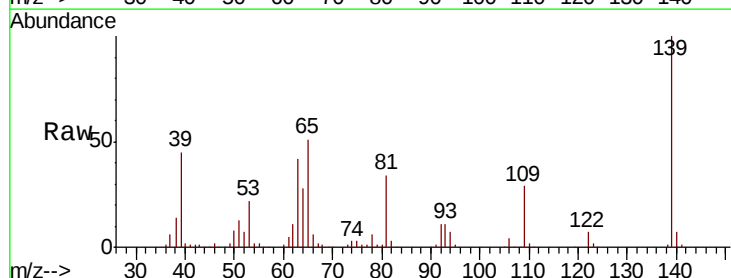
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

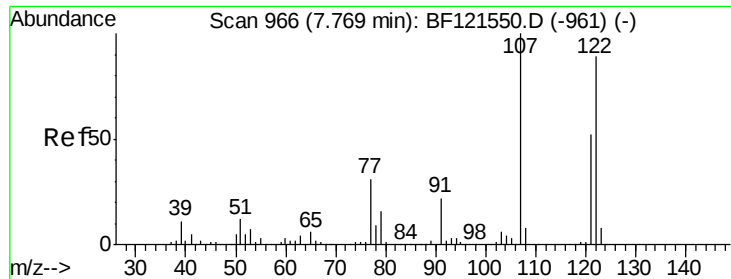
Tot Ion: 82 Resp: 791137
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 44.966 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion: 139 Resp: 213743
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.4
65 50.9 39.9 59.9

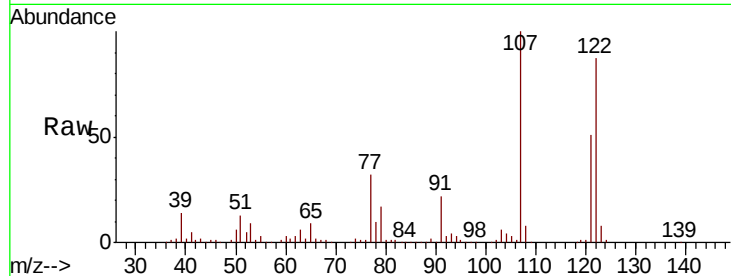




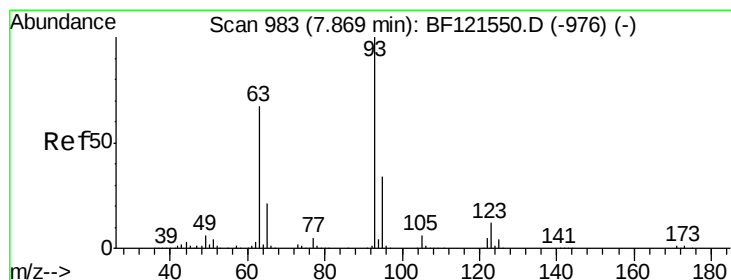
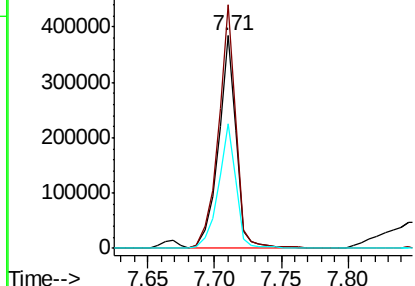
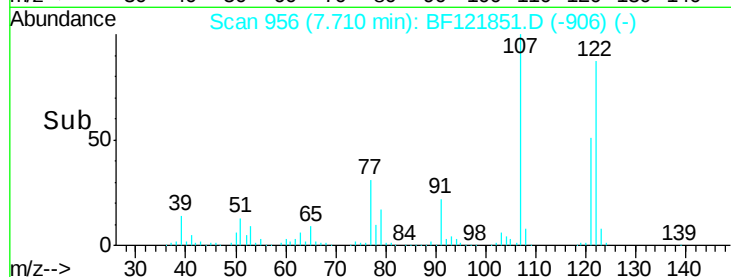
#27
2,4-Dimethylphenol
Concen: 42.494 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:122 Resp: 357834
Ion Ratio Lower Upper
122 100
107 114.7 90.8 136.2
121 58.6 47.5 71.3

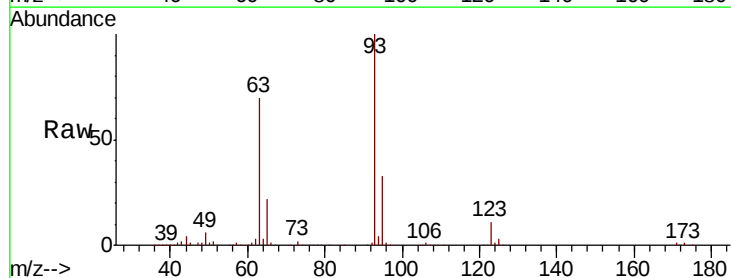


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

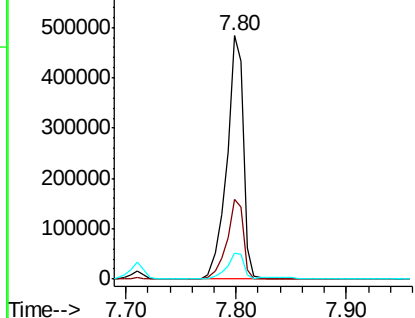
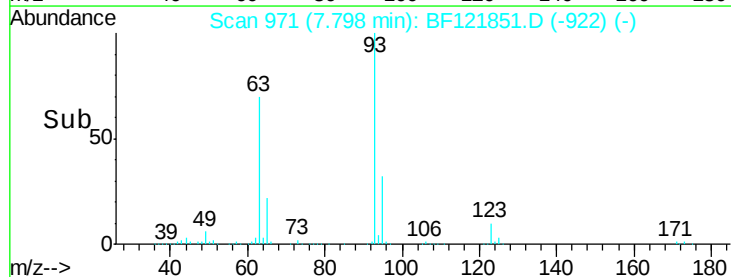


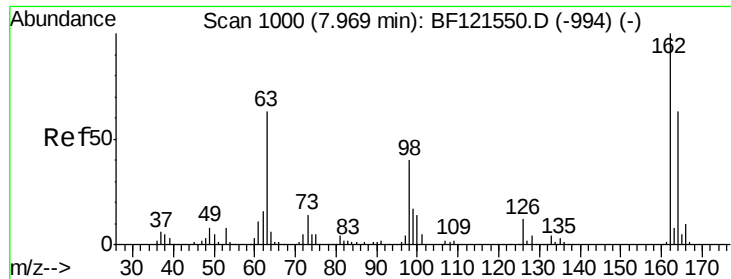
#28
bis(2-Chloroethoxy)methane
Concen: 43.369 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion: 93 Resp: 506485
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 10.6 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

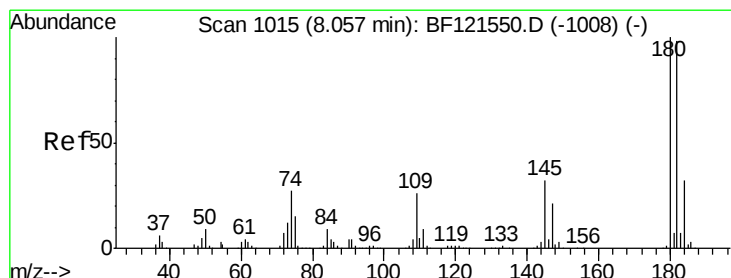
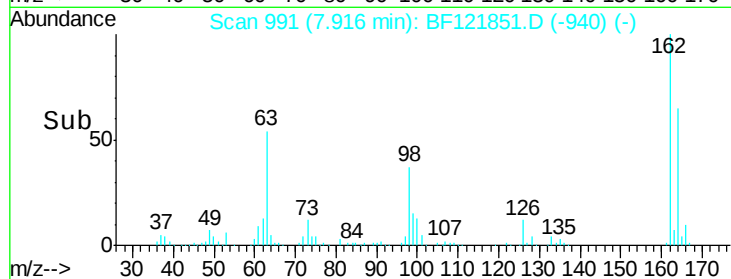
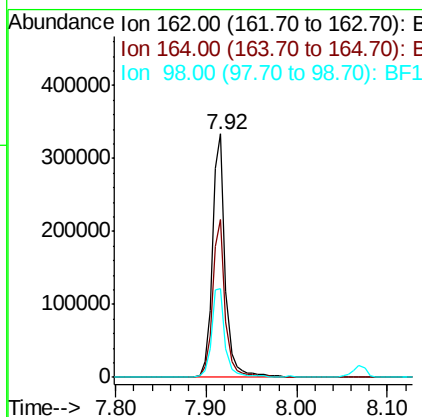
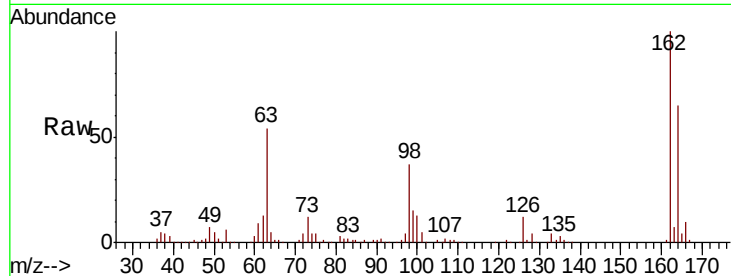




#29
 2,4-Dichlorophenol
 Concen: 43.383 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

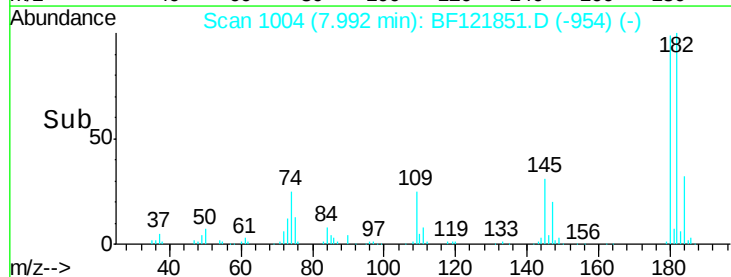
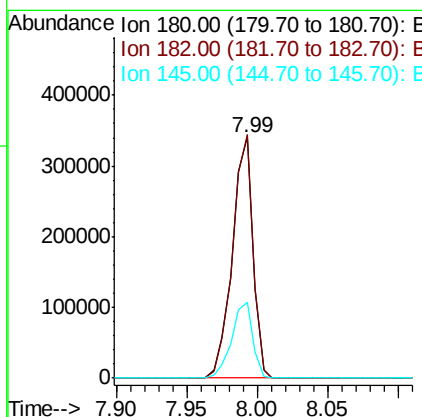
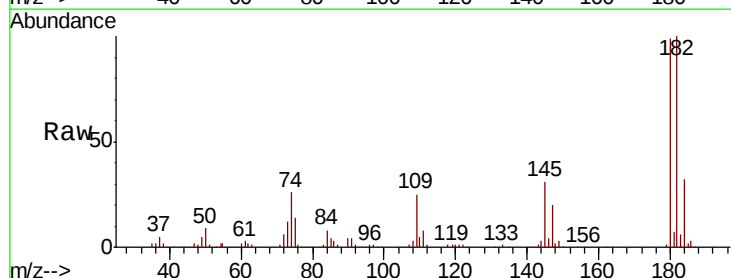
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

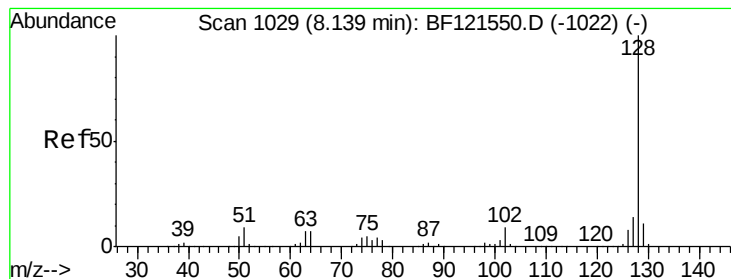
Tot Ion:162 Resp: 332731
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.5 82.5
 98 36.6 20.1 60.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.967 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:180 Resp: 347068
 Ion Ratio Lower Upper
 180 100
 182 101.1 79.4 119.2
 145 31.8 25.5 38.3





#31

Naphthalene

Concen: 43.066 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

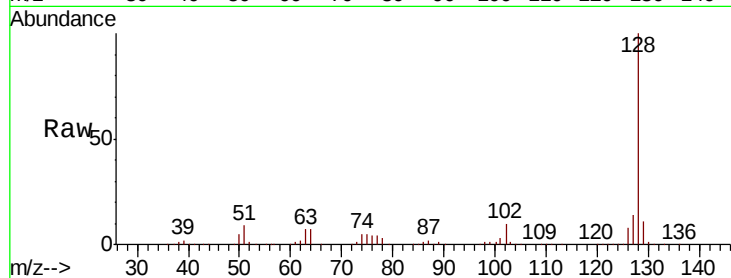
Tot Ion:128 Resp: 1143877

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

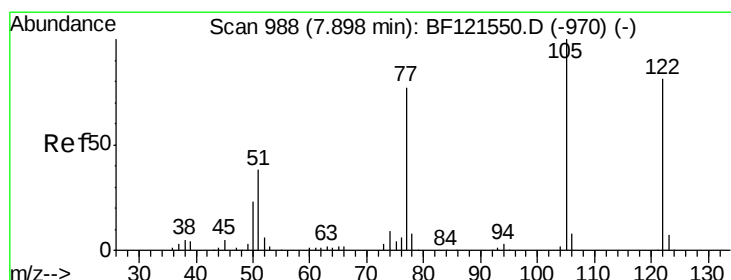
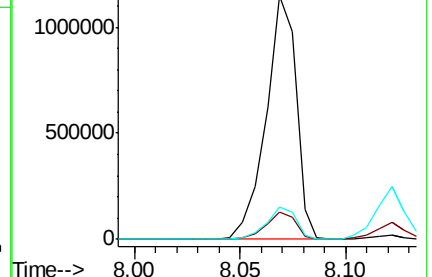
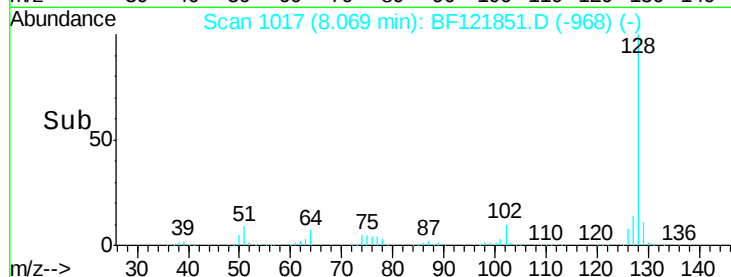
127 13.5 10.8 16.2



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: 21.424 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

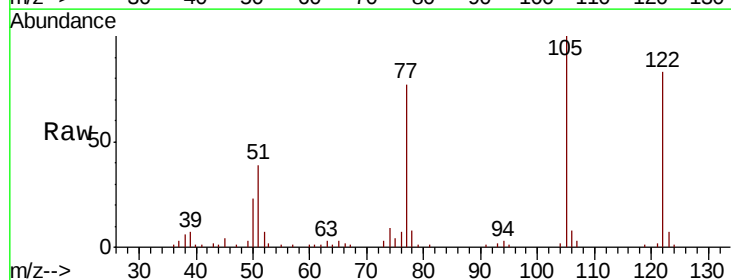
Tgt Ion:122 Resp: 106399

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

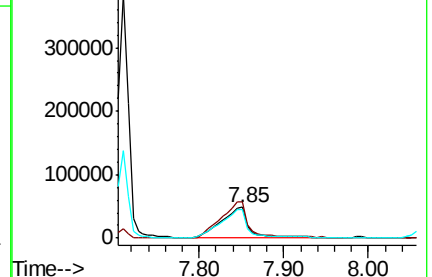
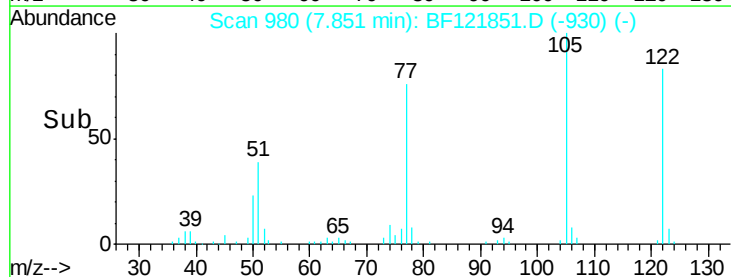
77 92.5 73.9 113.9

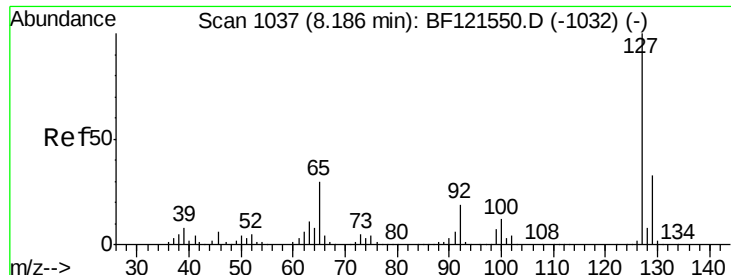


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

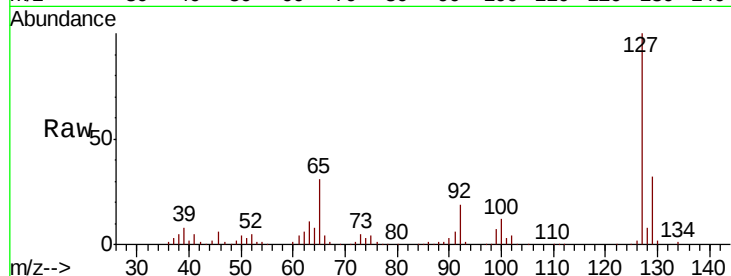




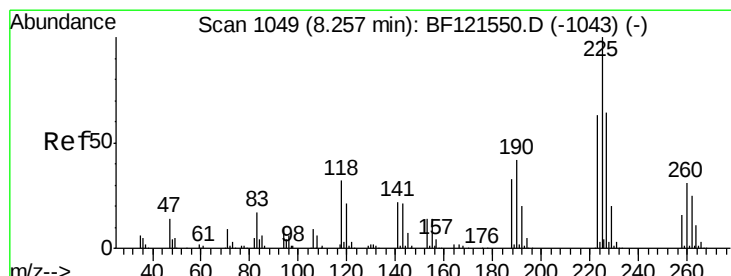
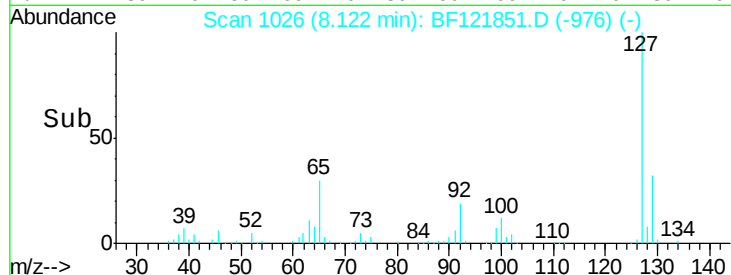
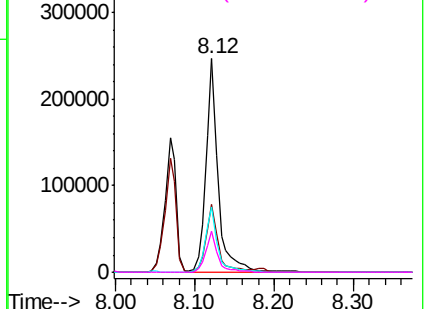
#33
4-Chloroaniline
Concen: 23.148 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:	127	Resp:	266520
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	30.8	26.2	39.2
92	18.9	15.9	23.9

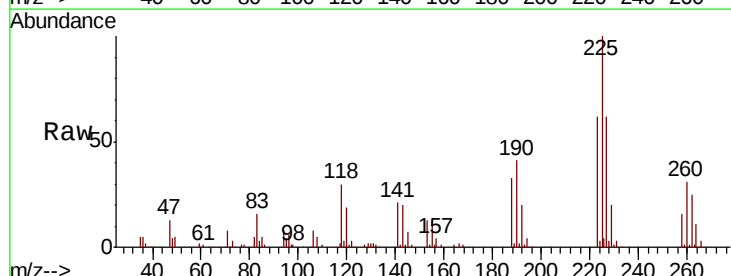


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

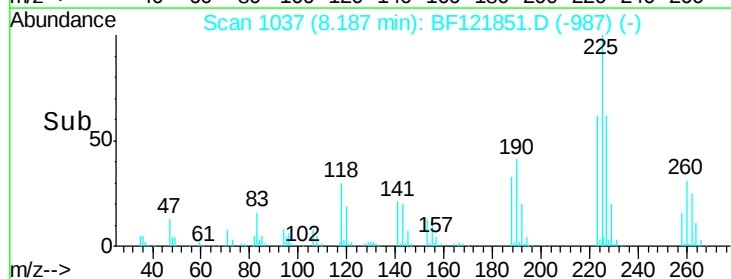
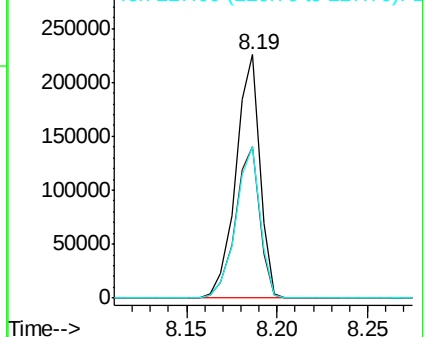


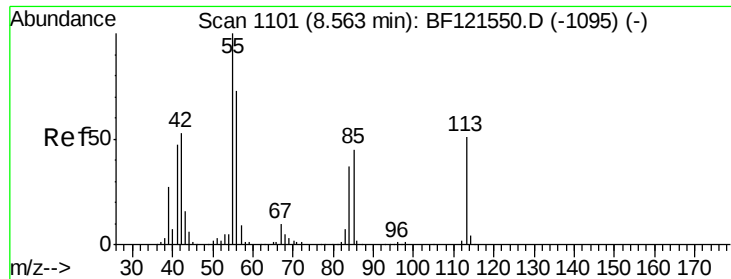
#34
Hexachlorobutadiene
Concen: 43.840 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:	225	Resp:	207857
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	62.2	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

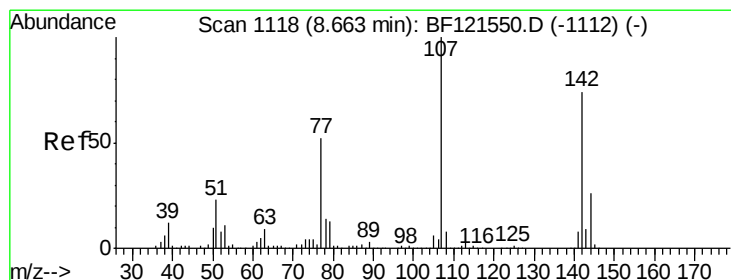
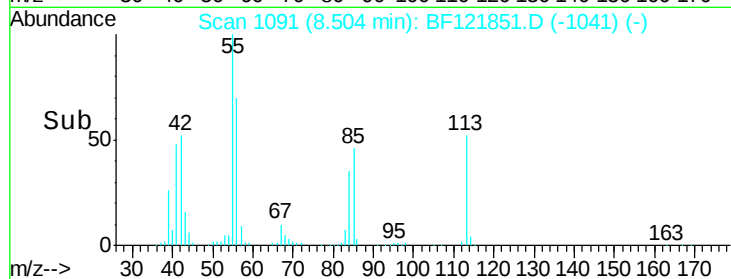
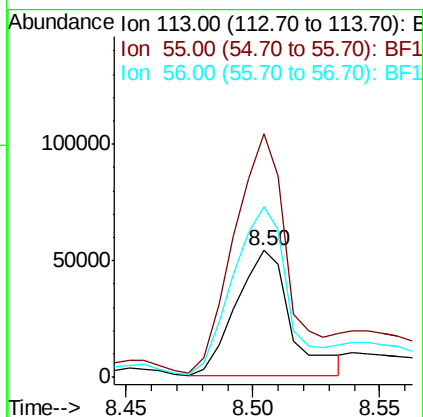
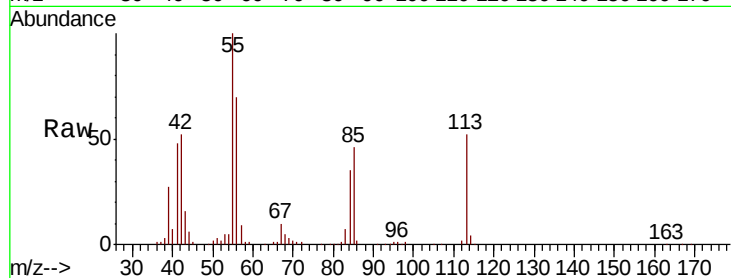




#35
 Caprolactam
 Concen: 31.773 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

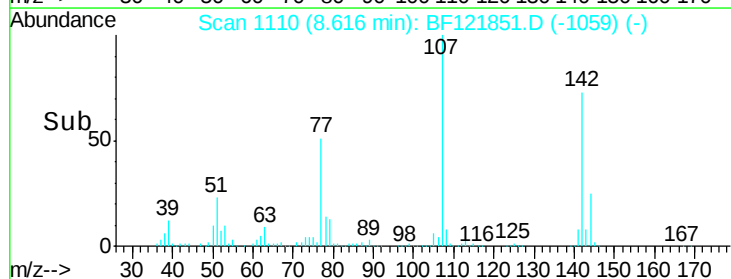
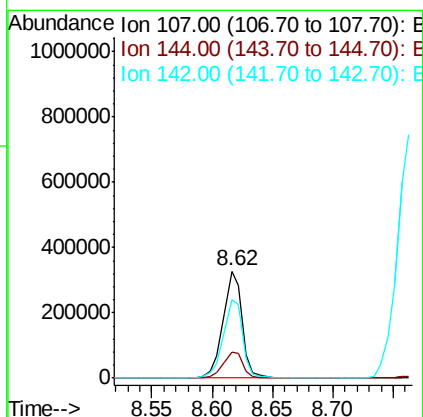
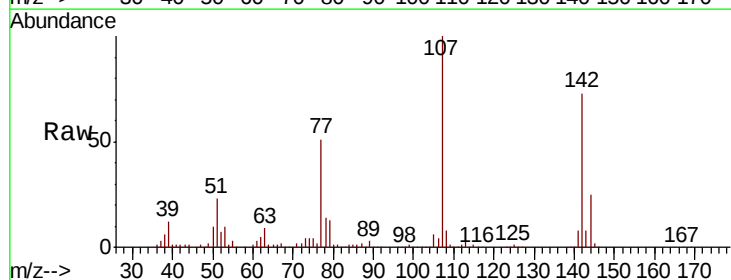
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion:113 Resp: 81151
 Ion Ratio Lower Upper
 113 100
 55 192.0 167.5 207.5
 56 134.4 121.2 161.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.490 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:107 Resp: 359316
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.1 30.1
 142 73.5 59.3 88.9





#37

2-Methylnaphthalene

Concen: 42.362 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

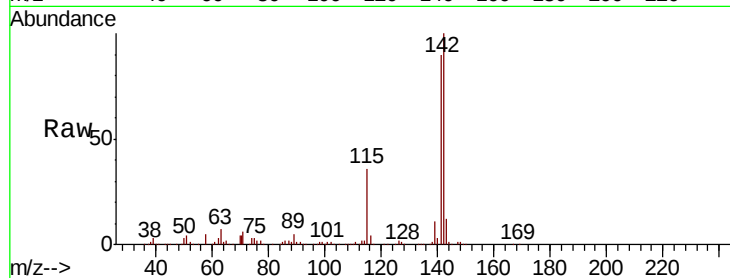
Tot Ion:142 Resp: 737381

Ion Ratio Lower Upper

142 100

141 90.3 70.2 105.4

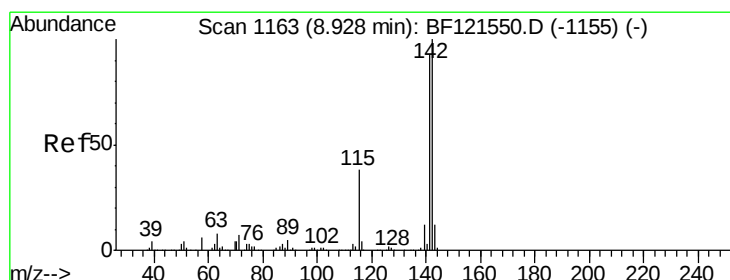
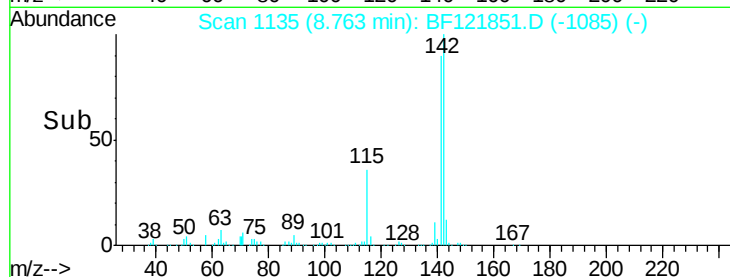
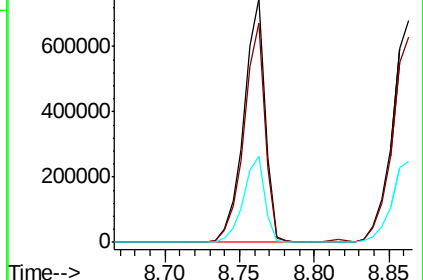
115 35.6 28.6 43.0



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

1-Methylnaphthalene

Concen: 42.397 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

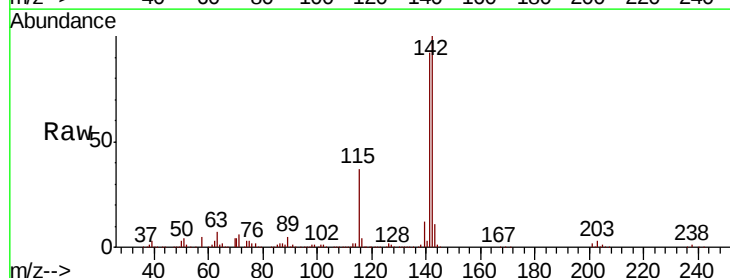
Tgt Ion:142 Resp: 686825

Ion Ratio Lower Upper

142 100

141 92.3 74.5 111.7

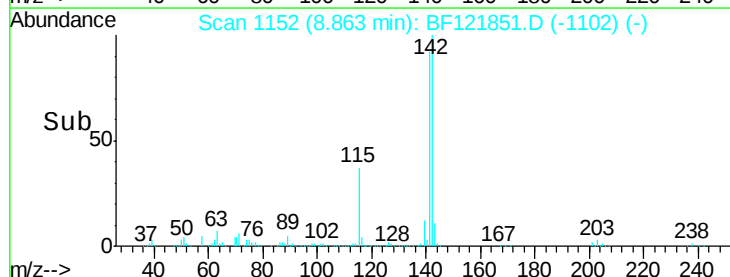
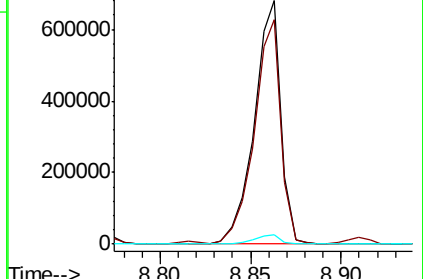
116 3.7 3.2 4.8

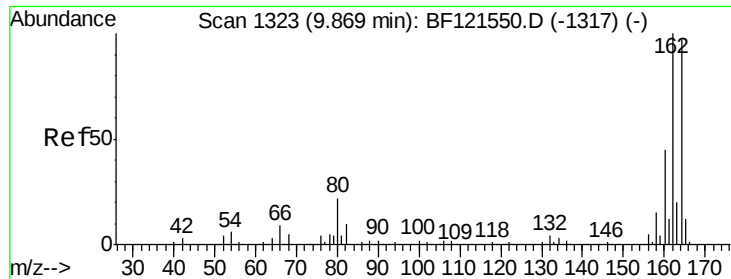


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

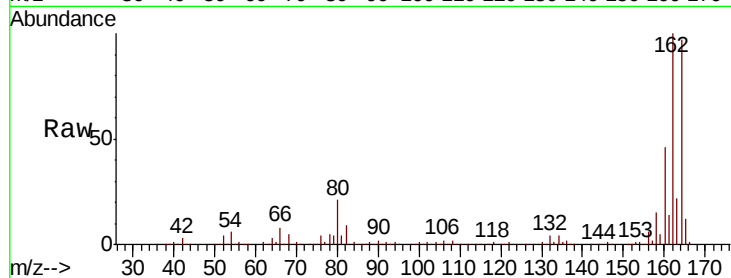
Tot Ion:164 Resp: 255581

Ion Ratio Lower Upper

164 100

162 102.9 83.2 124.8

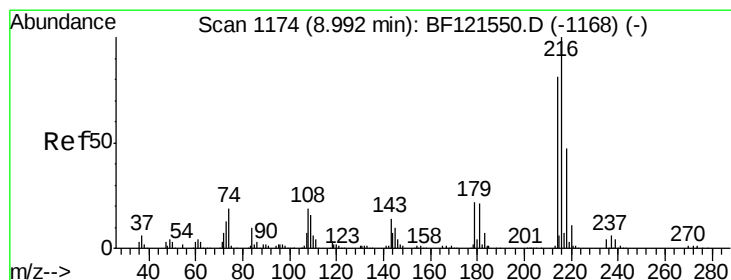
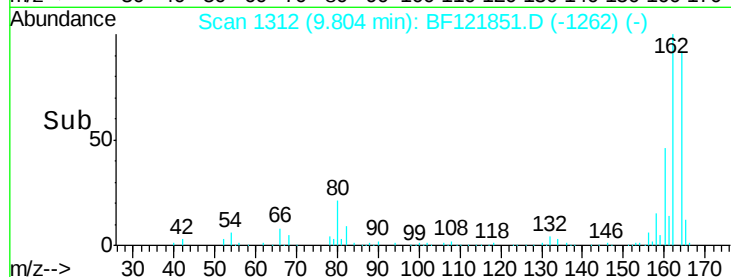
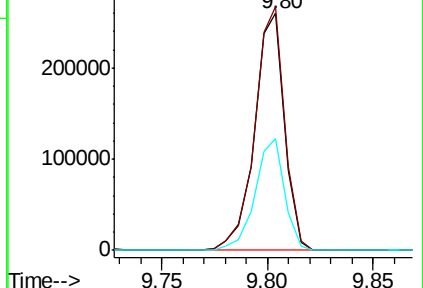
160 47.1 37.5 56.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.297 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Tgt Ion:216 Resp: 345659

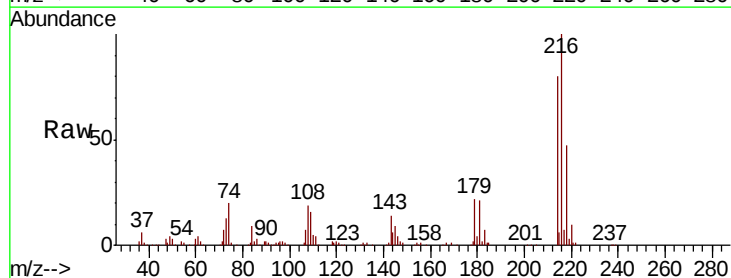
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 21.2 17.0 25.6

108 19.1 15.5 23.3

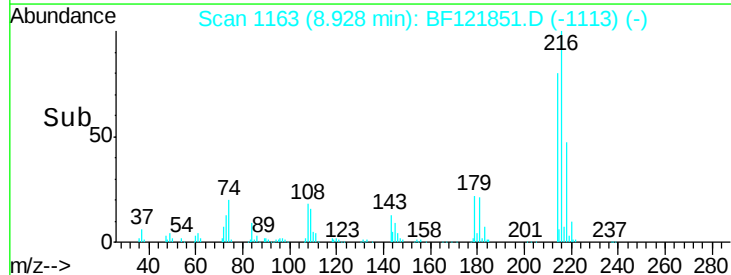
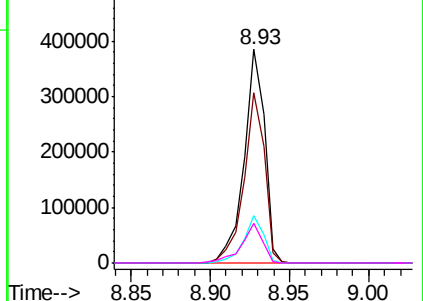


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 26.021 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

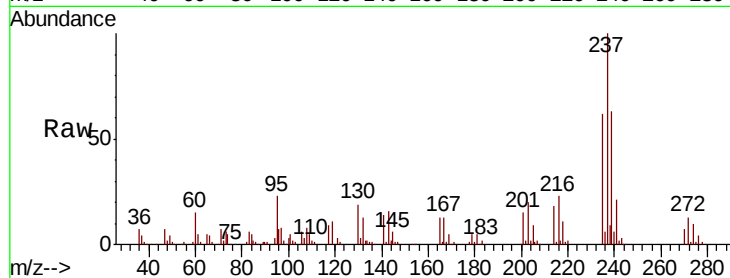
Tot Ion:237 Resp: 118636

Ion Ratio Lower Upper

237 100

235 62.2 41.8 81.8

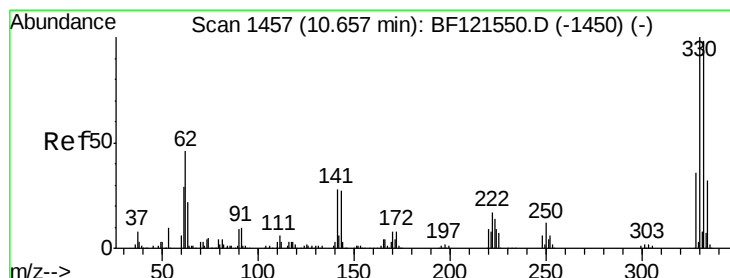
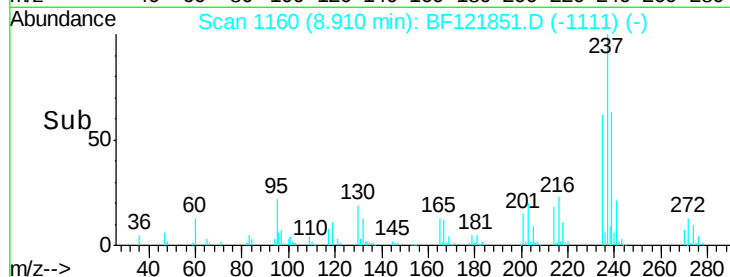
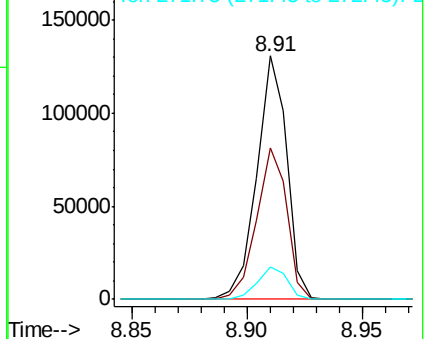
272 13.2 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 110.941 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

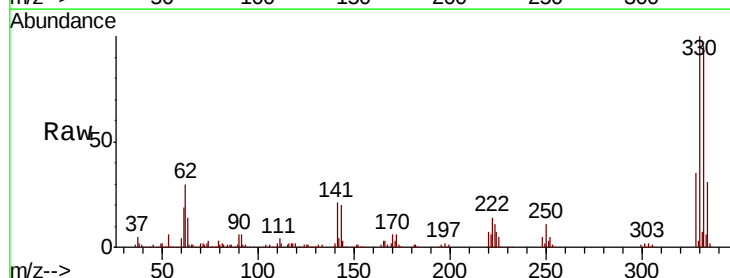
Tgt Ion:330 Resp: 352406

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

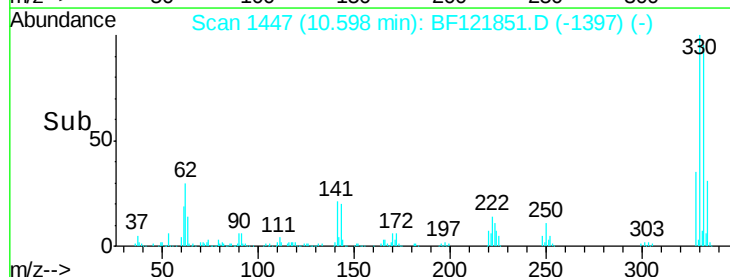
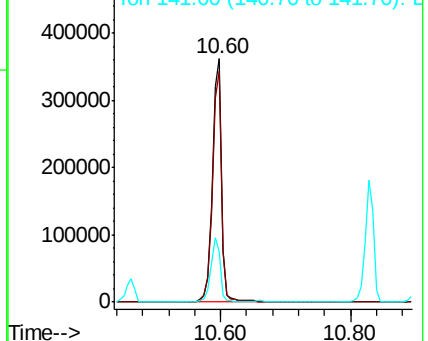
141 27.4 22.3 33.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

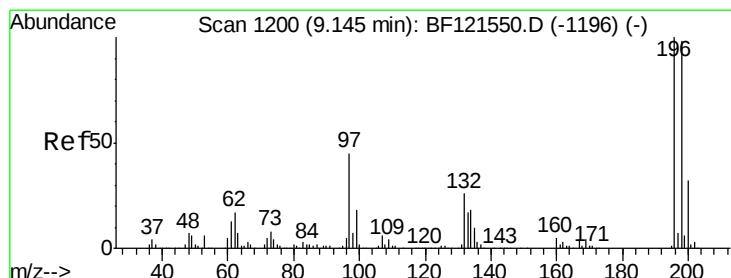
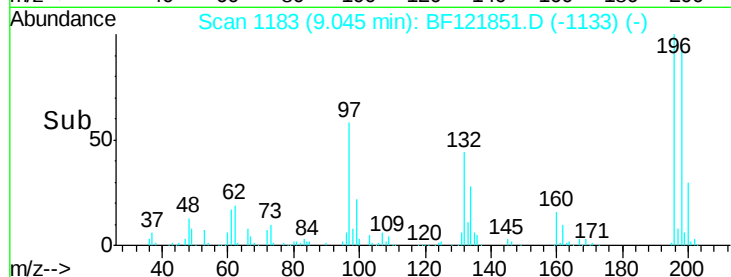
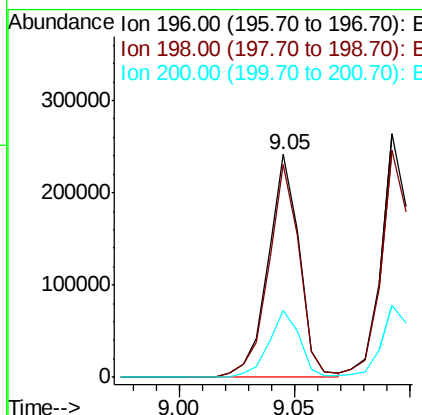
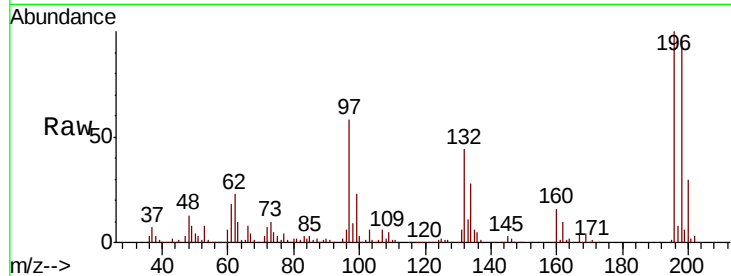




#43
 2,4,6-Trichlorophenol
 Concen: 41.707 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

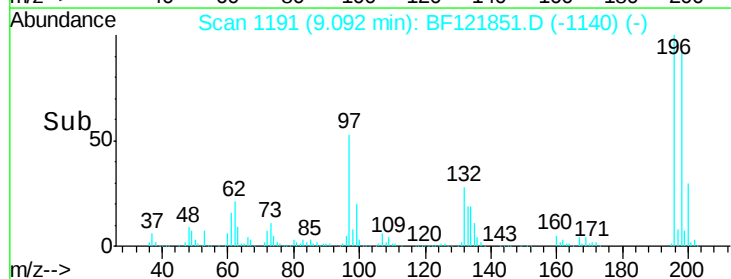
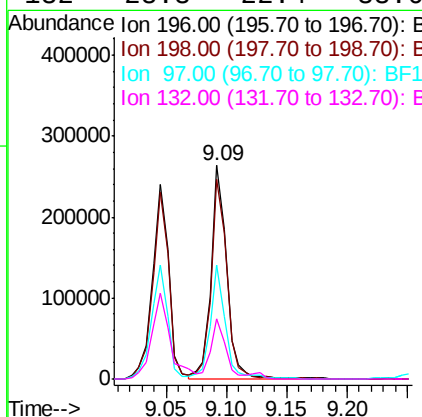
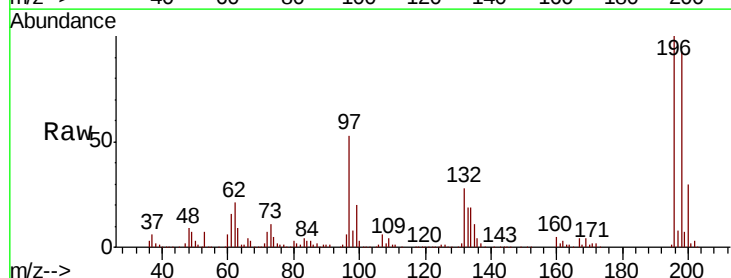
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

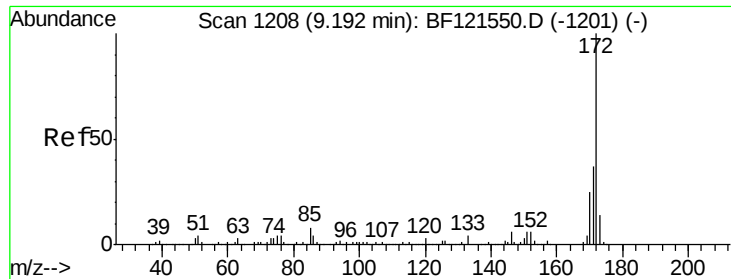
Tot Ion:196	Resp:	226954
Ion	Ratio	Lower Upper
196	100	
198	95.9	75.8 113.6
200	30.1	24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.748 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:196	Resp:	234412
Ion	Ratio	Lower Upper
196	100	
198	93.3	76.1 114.1
97	53.1	41.0 61.6
132	28.3	22.4 33.6



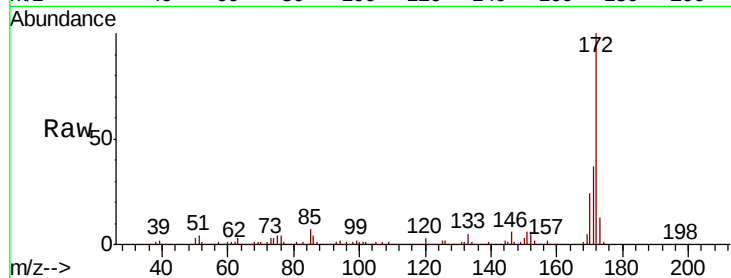


#45
 2-Fluorobiphenyl
 Concen: 85.876 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

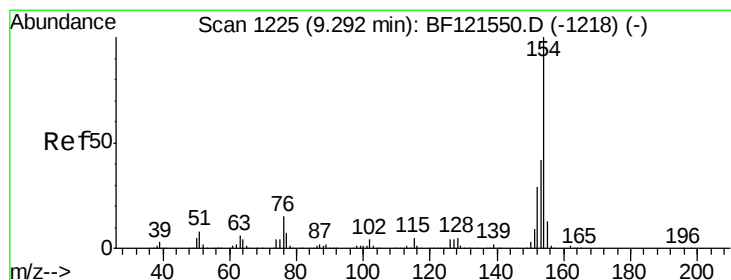
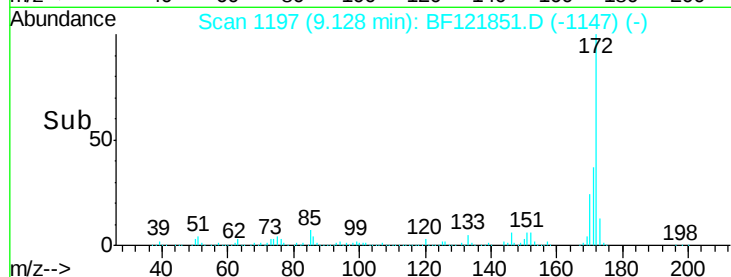
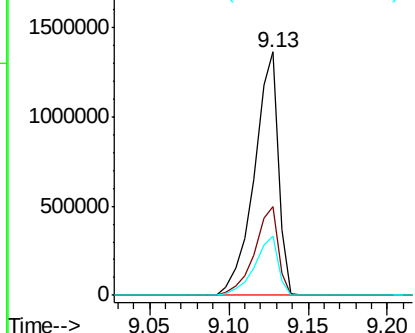
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion:172 Resp: 1449180

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.5	19.8	29.6



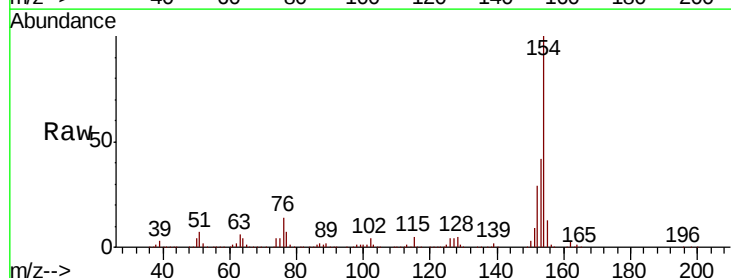
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



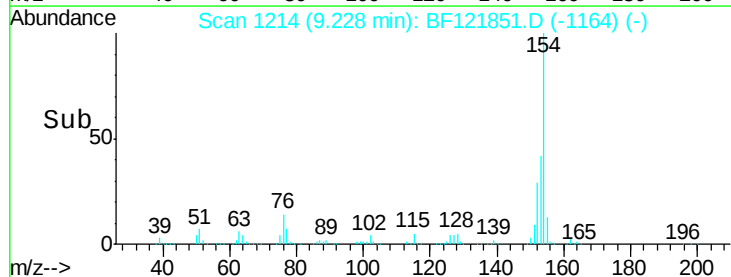
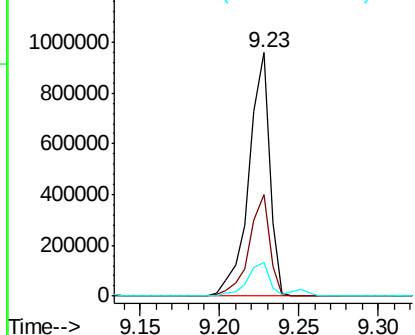
#46
 1,1'-Biphenyl
 Concen: 42.598 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

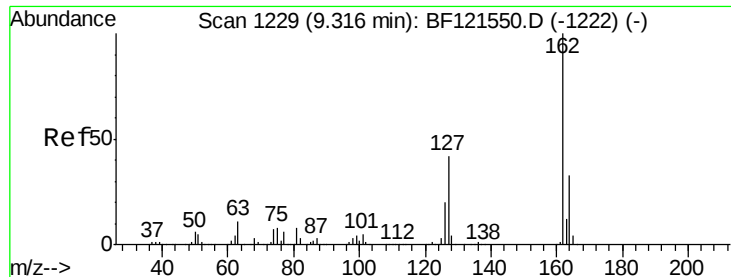
Tgt Ion:154 Resp: 871598

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	14.0	0.0	34.7



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): BF1

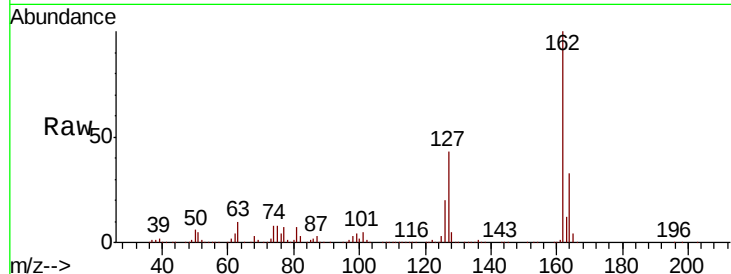




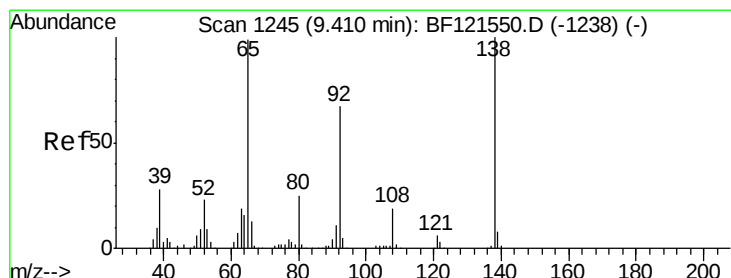
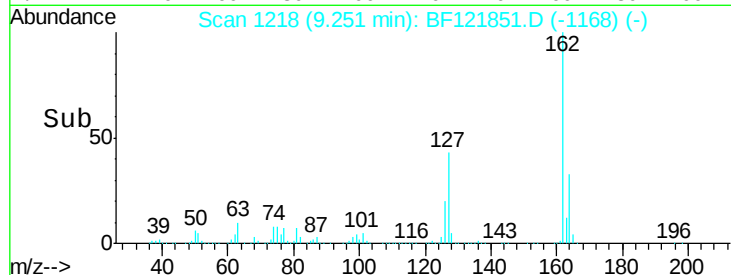
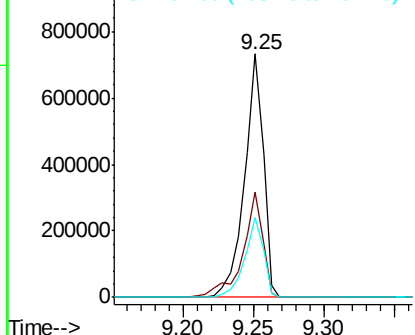
#47
 2-Chloronaphthalene
 Concen: 42.154 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.4	51.6
164	33.0	26.3	39.5

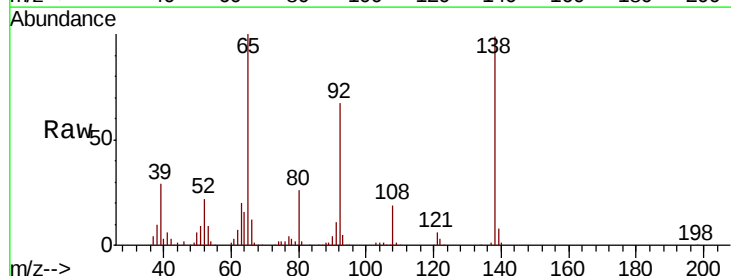


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

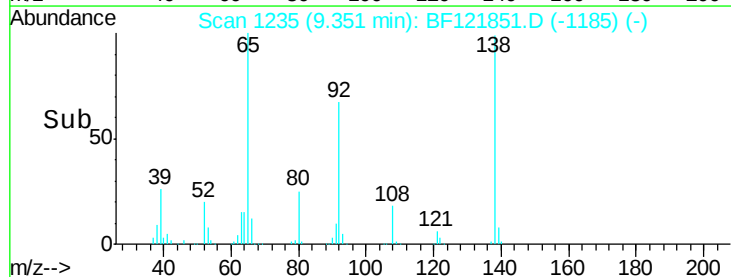
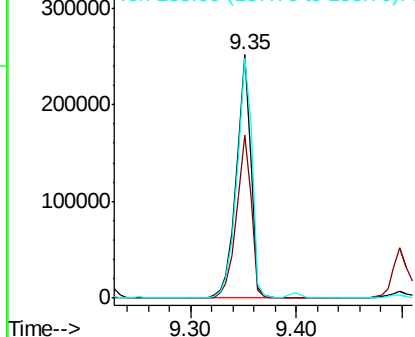


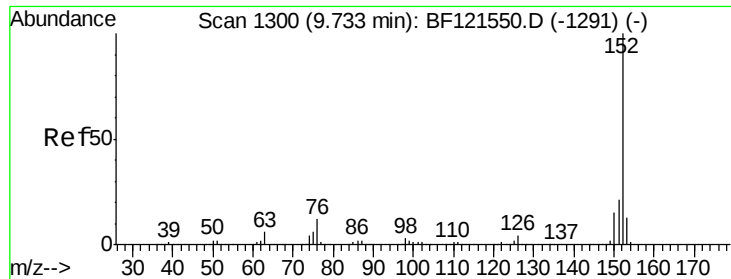
#48
 2-Nitroaniline
 Concen: 47.380 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.1	82.7
138	98.6	80.5	120.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.345 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

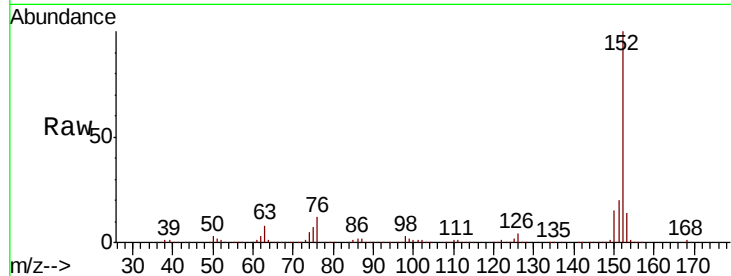
Tot Ion:152 Resp: 1049034

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

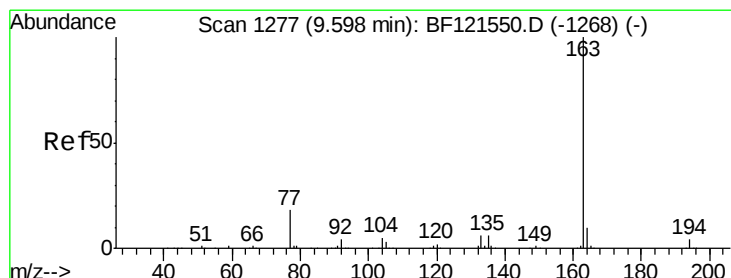
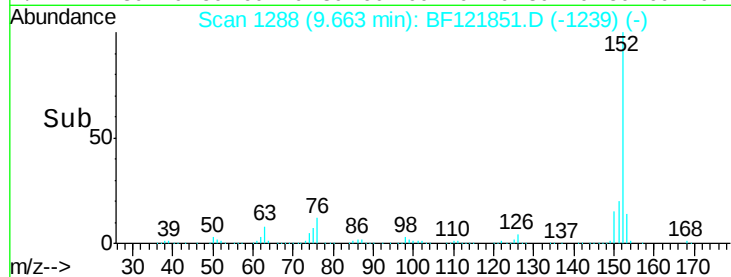
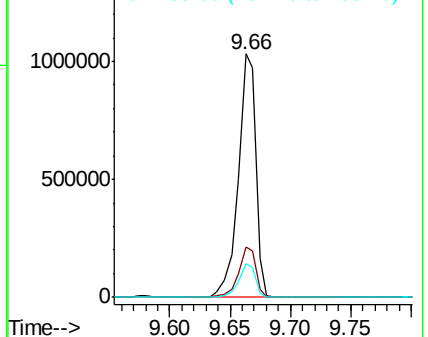
153 13.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.066 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

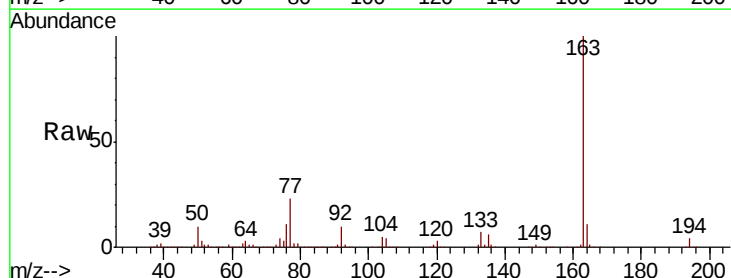
Tgt Ion:163 Resp: 1001527

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

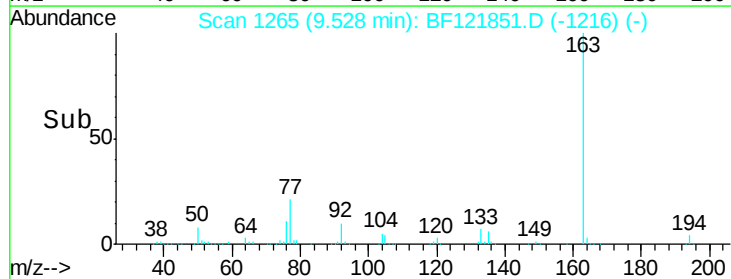
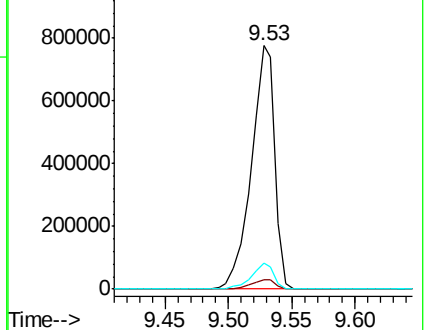
164 10.5 8.2 12.4

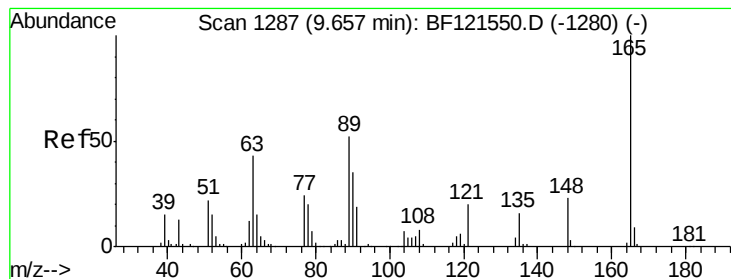


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.132 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

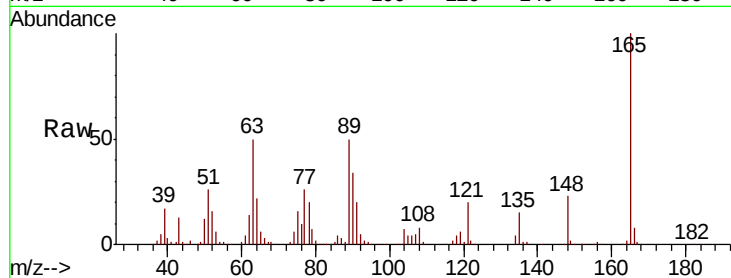
Tot Ion:165 Resp: 181990

Ion Ratio Lower Upper

165 100

63 50.5 51.8 77.6#

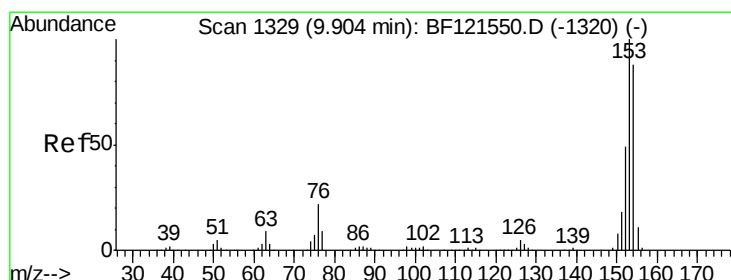
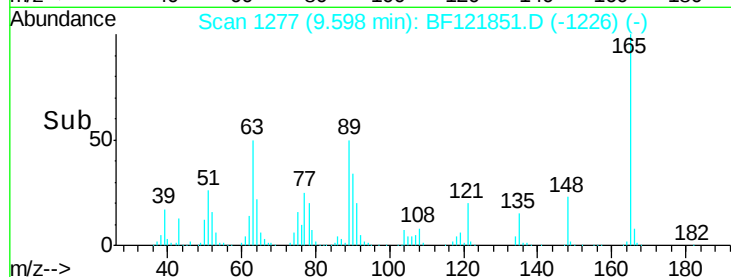
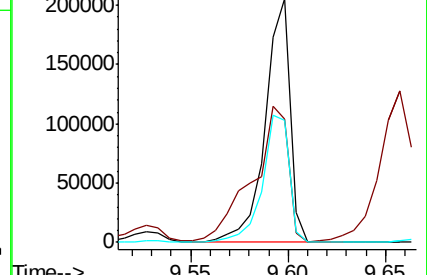
89 50.2 49.0 73.6



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: 40.362 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

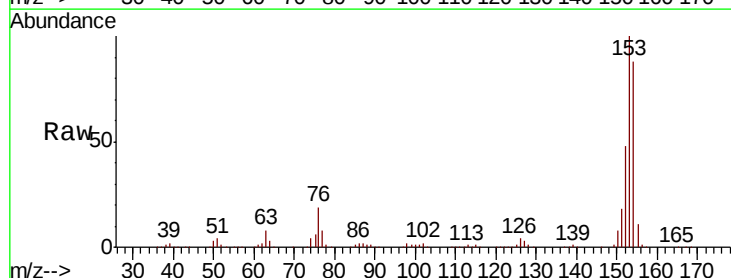
Tgt Ion:154 Resp: 631557

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.8

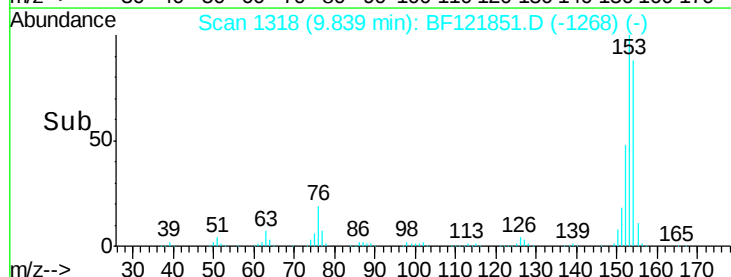
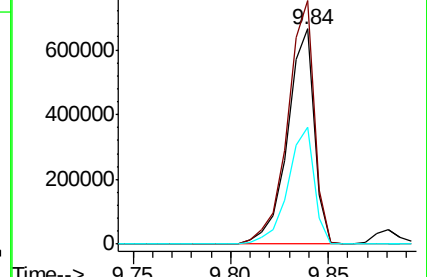
152 54.6 43.2 64.8

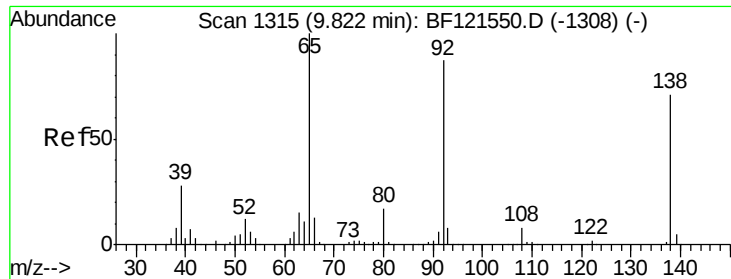


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

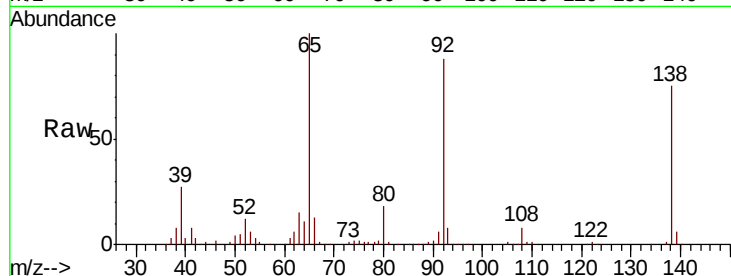




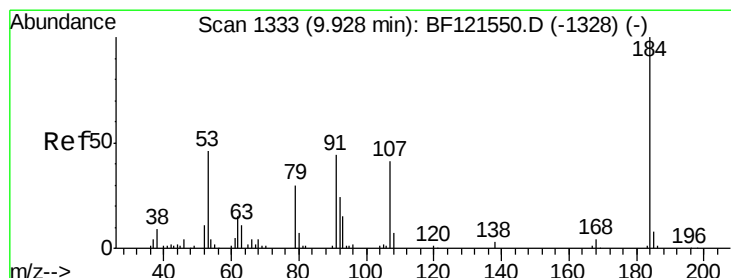
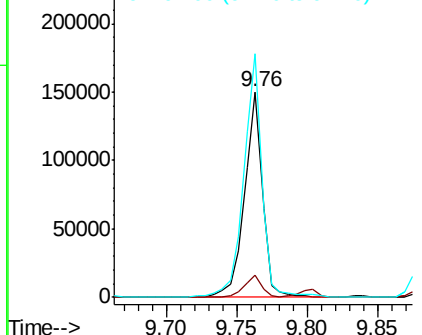
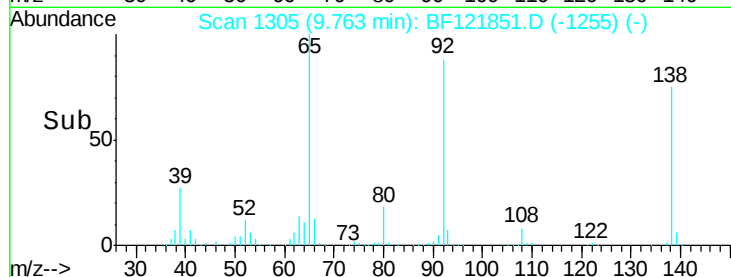
#53
3-Nitroaniline
Concen: 29.345 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:138 Resp: 134108
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 118.4 96.6 144.8

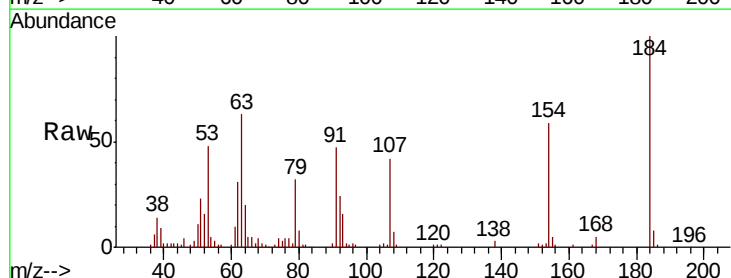


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

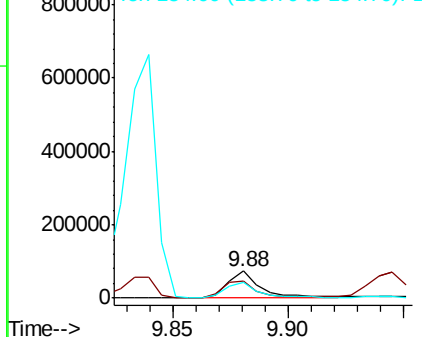
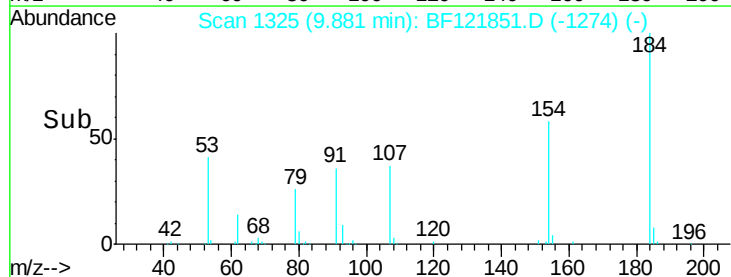


#54
2,4-Dinitrophenol
Concen: 37.924 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:184 Resp: 74083
Ion Ratio Lower Upper
184 100
63 63.1 45.9 68.9
154 58.7 45.8 68.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

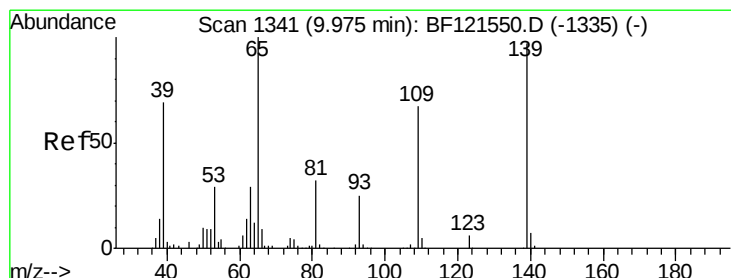
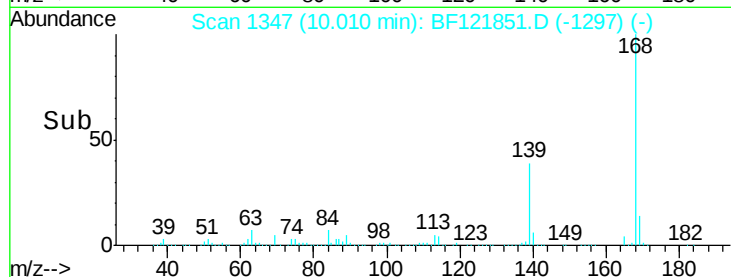
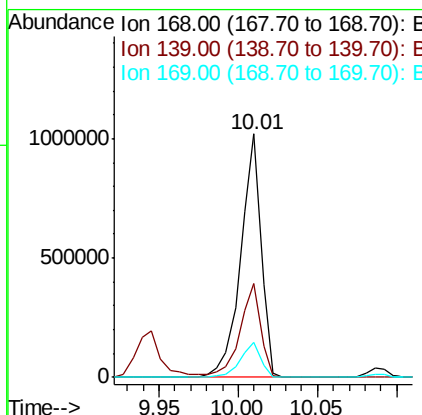
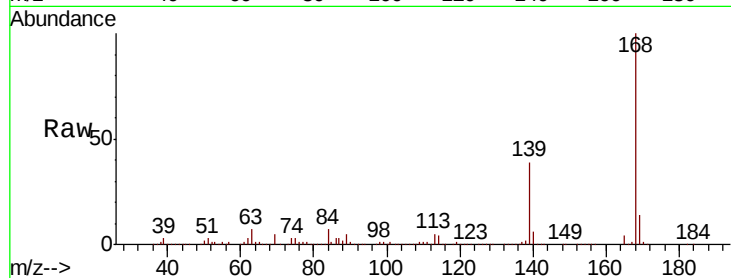




#55
Dibenzofuran
Concen: 41.202 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

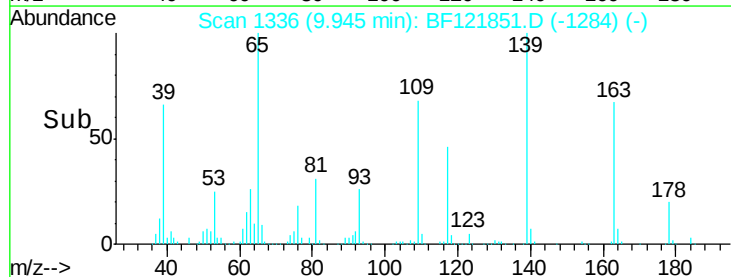
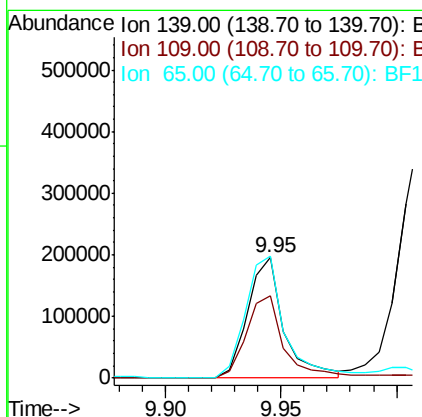
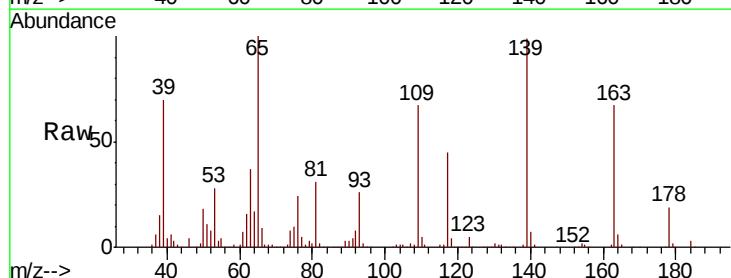
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:168 Resp: 907906
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.6
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 59.003 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:139 Resp: 215043
Ion Ratio Lower Upper
139 100
109 68.1 45.4 85.4
65 101.0 68.4 108.4

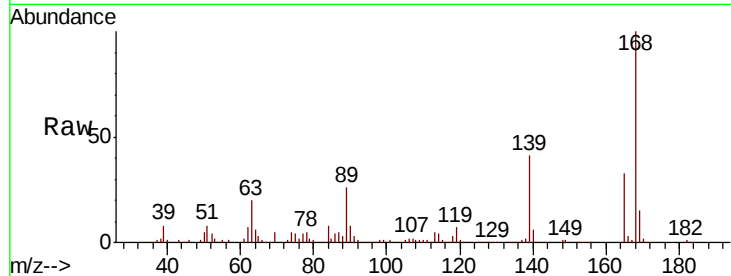




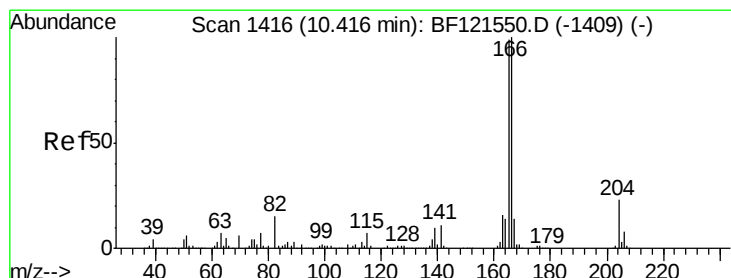
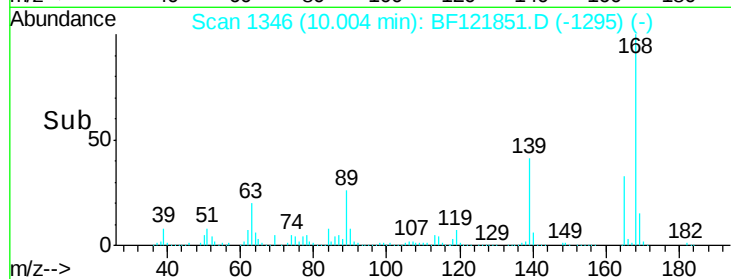
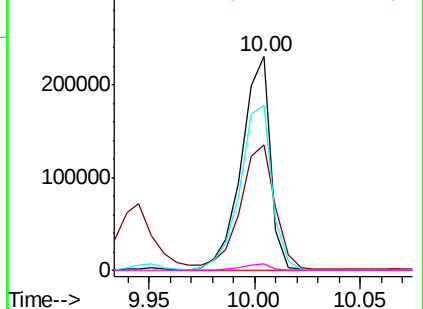
#57
 2,4-Dinitrotoluene
 Concen: 43.834 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion:	165	Resp:	217550
Ion	Ratio	Lower	Upper
165	100		
63	58.9	41.3	61.9
89	77.4	61.8	92.8
182	2.8	2.1	3.1

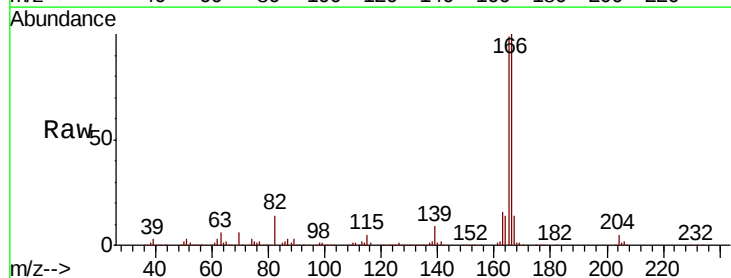


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

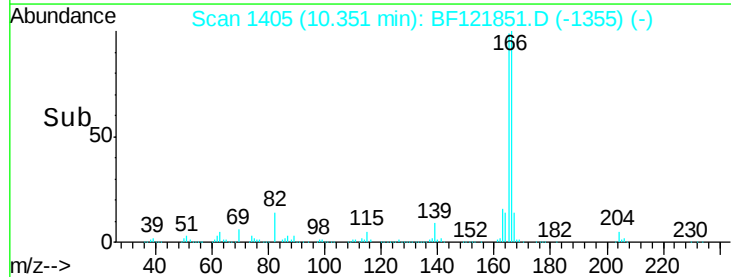
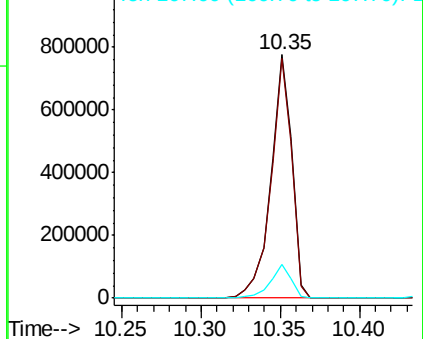


#58
 Fluorene
 Concen: 42.647 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:	166	Resp:	718656
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.6	11.0	16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.072 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

Tot Ion:232 Resp: 178053

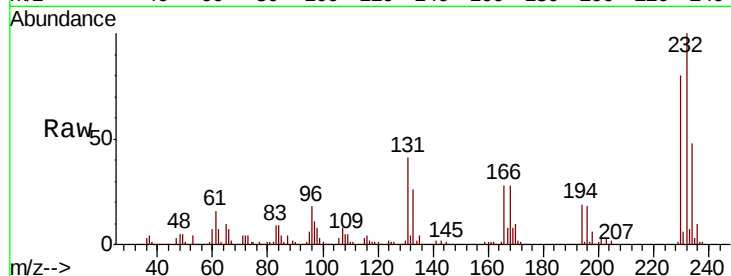
Ion Ratio Lower Upper

232 100

131 43.3 35.9 53.9

130 2.2 1.8 2.6

166 28.6 23.5 35.3

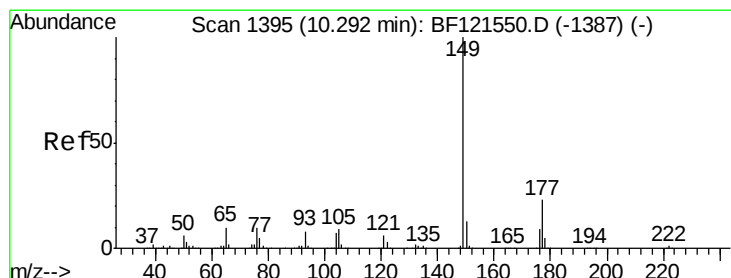
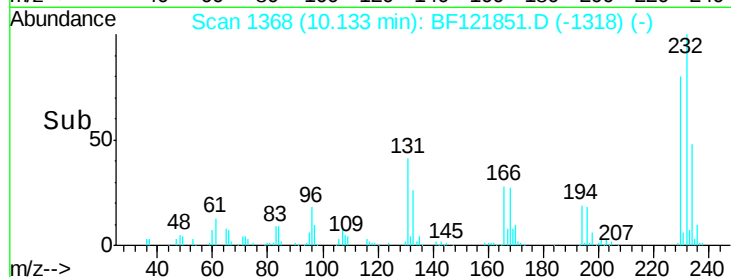
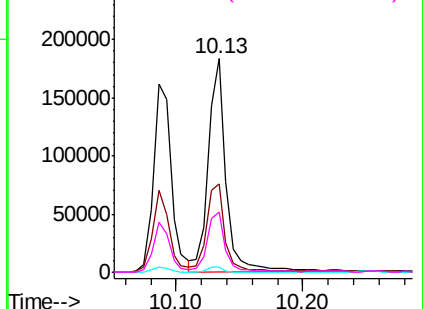


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 43.499 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

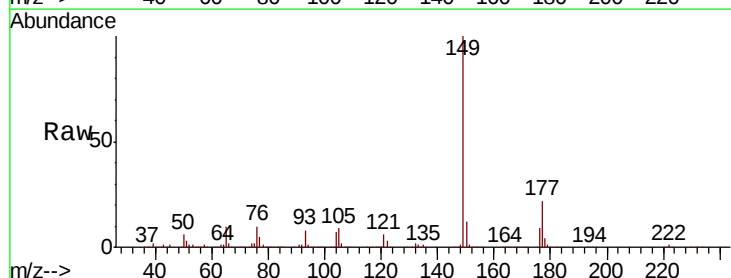
Tgt Ion:149 Resp: 785623

Ion Ratio Lower Upper

149 100

177 22.4 18.1 27.1

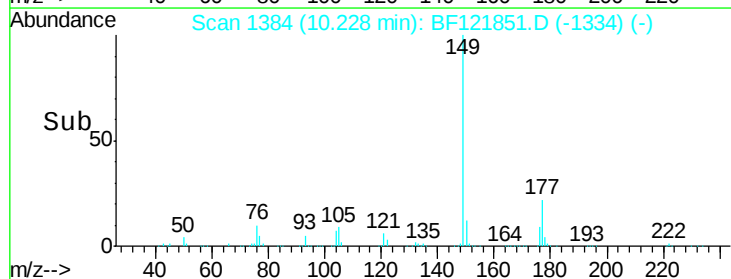
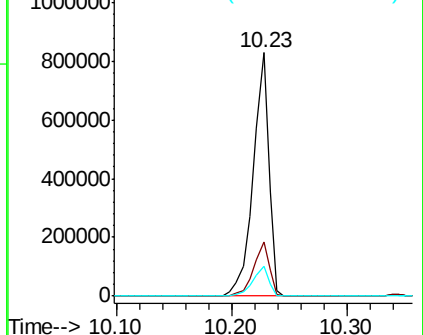
150 12.4 10.3 15.5

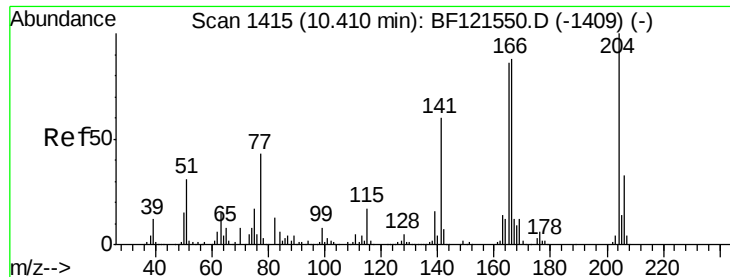


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 43.122 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

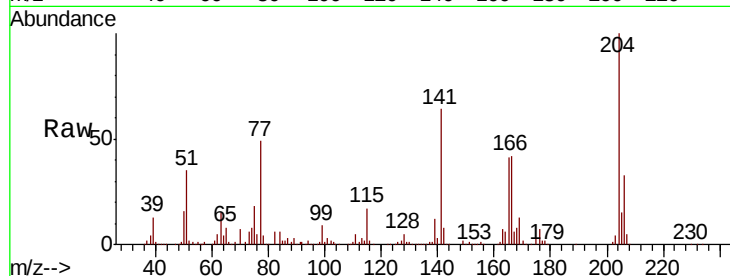
Tot Ion:204 Resp: 348090

Ion Ratio Lower Upper

204 100

206 33.1 26.0 39.0

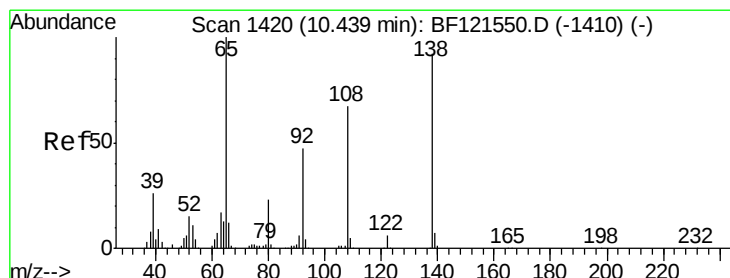
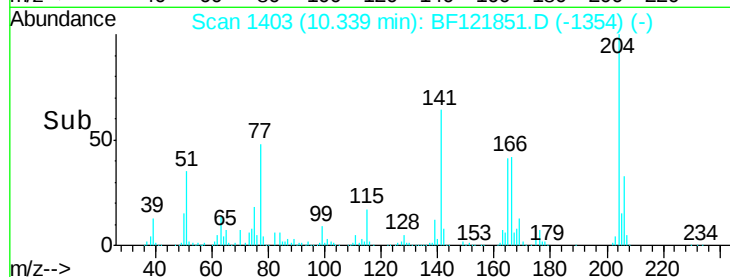
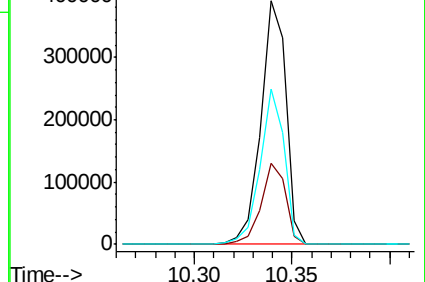
141 63.6 46.2 69.4



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



#62

4-Nitroaniline

Concen: 38.366 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

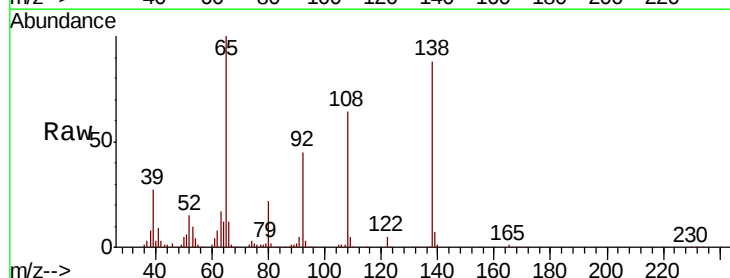
Tgt Ion:138 Resp: 174089

Ion Ratio Lower Upper

138 100

92 51.4 31.0 71.0

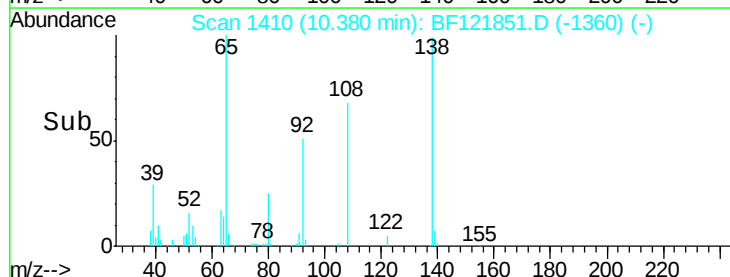
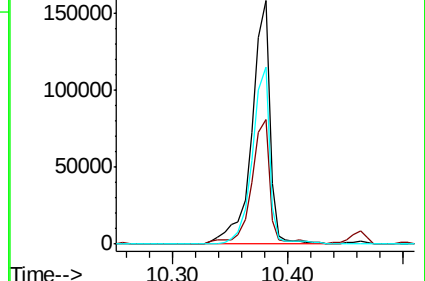
108 72.5 51.5 91.5

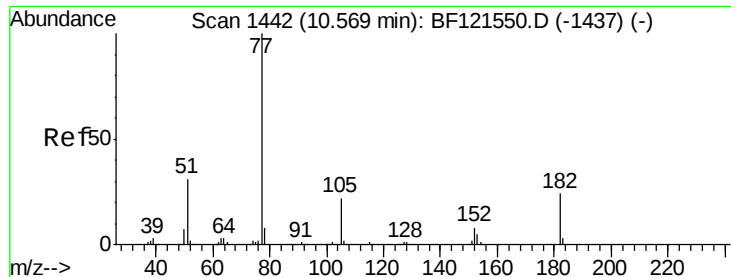


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.421 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

Tot Ion: 77 Resp: 796644

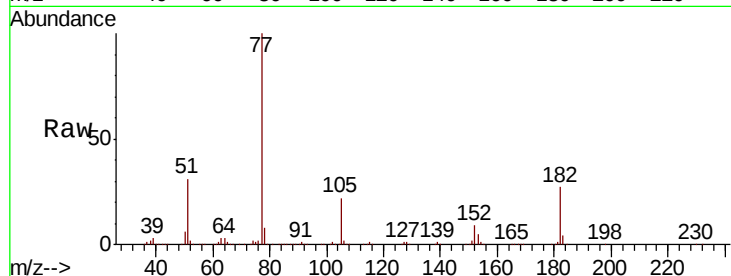
Ion Ratio Lower Upper

77 100

182 26.8 3.4 43.4

105 21.8 1.7 41.7

51 31.0 11.6 51.6

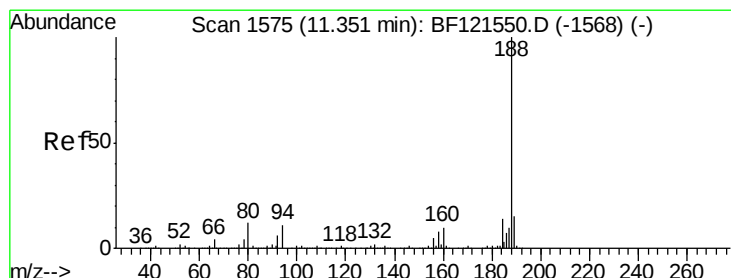
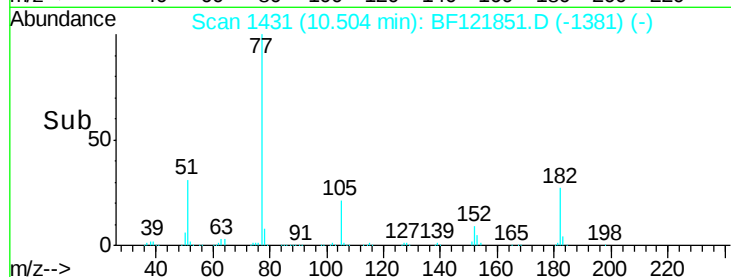
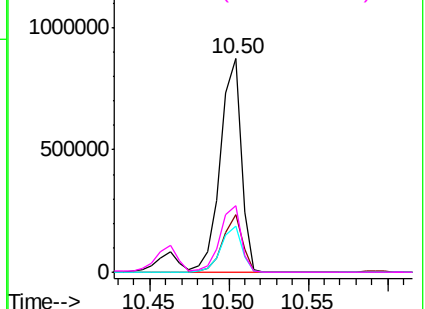


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

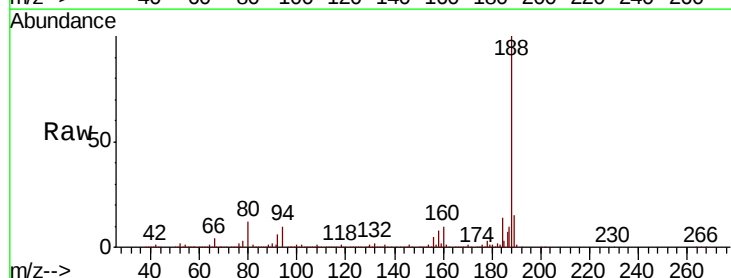
Tgt Ion: 188 Resp: 429797

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

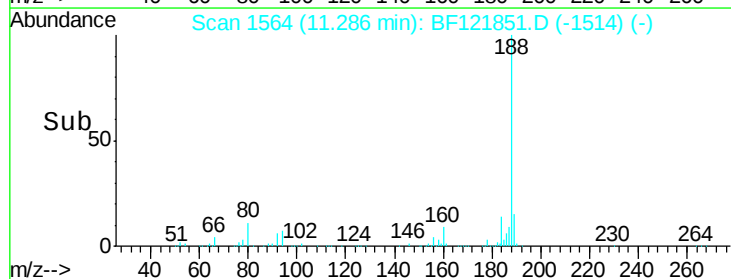
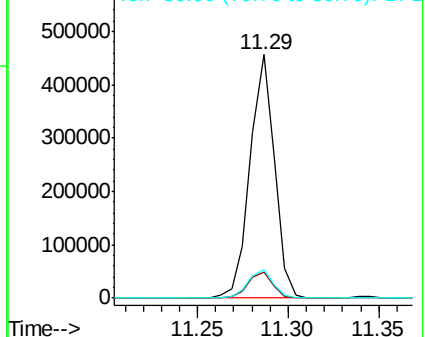
80 11.6 9.1 13.7

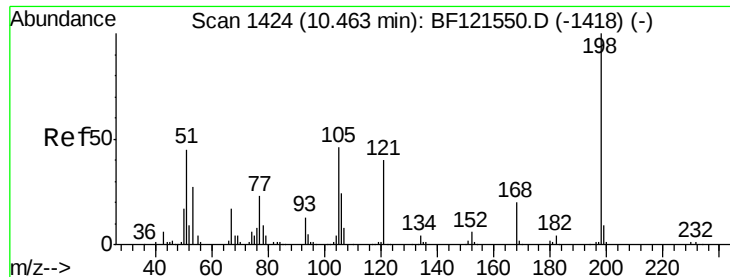


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

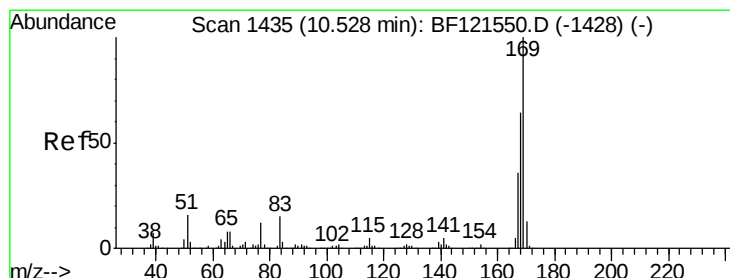
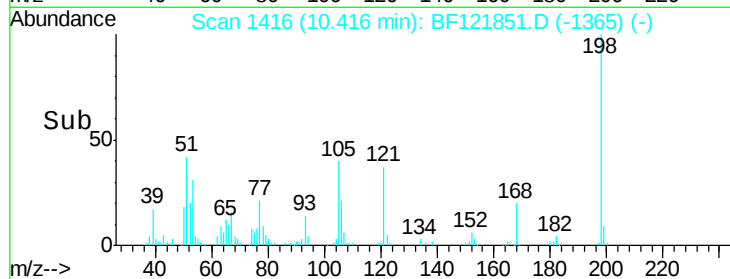
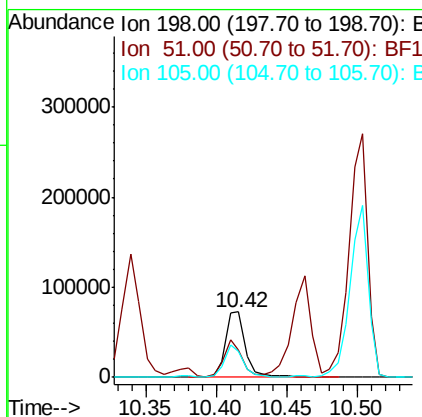
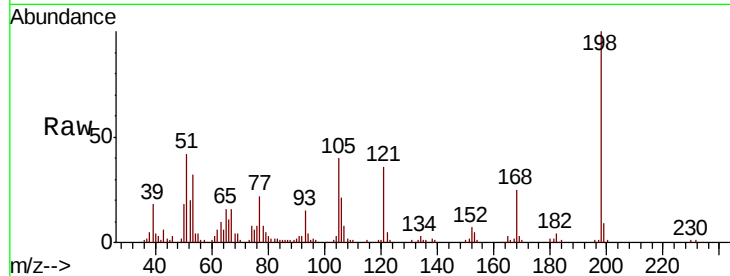




#65
4,6-Dinitro-2-methylphenol
Concen: 30.436 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

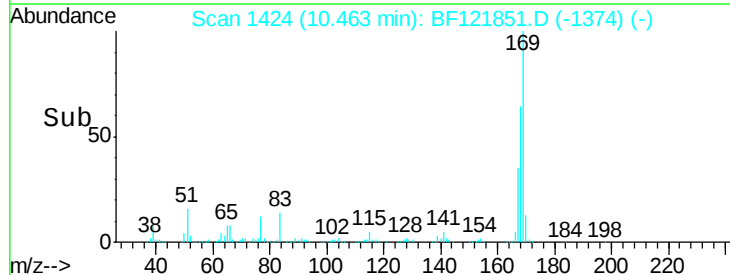
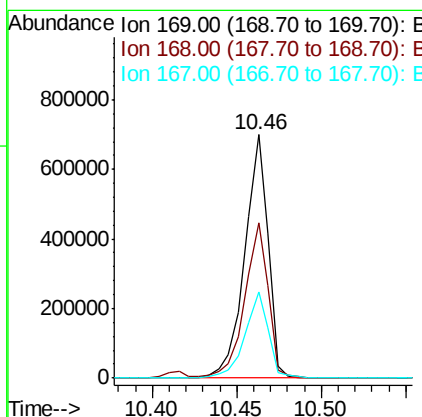
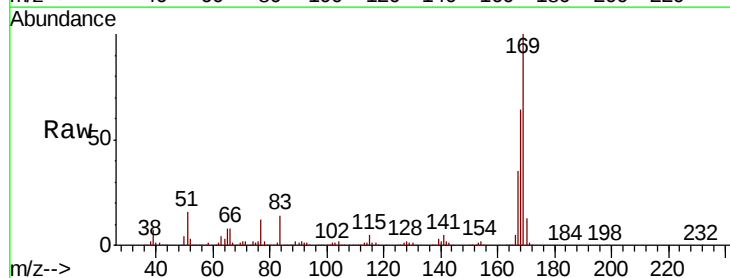
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

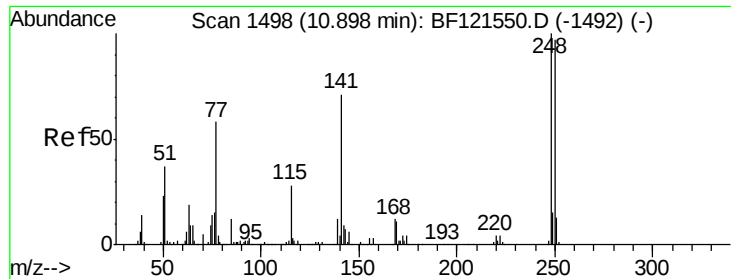
Tot Ion:198 Resp: 72557
Ion Ratio Lower Upper
198 100
51 42.4 29.6 69.6
105 40.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 45.635 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:169 Resp: 672902
Ion Ratio Lower Upper
169 100
168 63.7 50.0 75.0
167 35.4 27.8 41.6

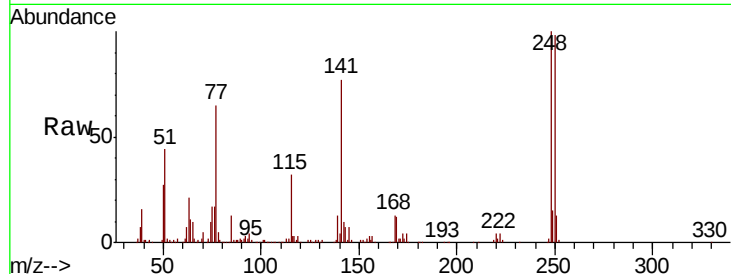




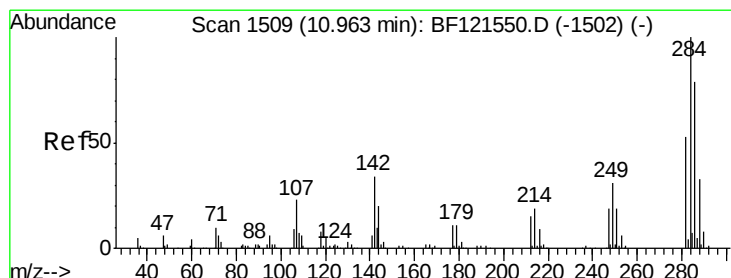
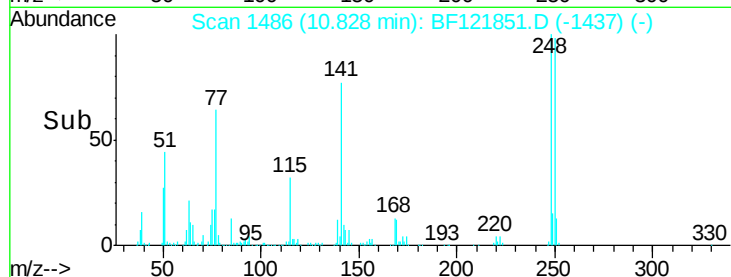
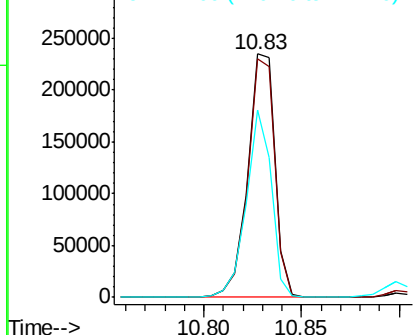
#67
4-Bromophenyl-phenylether
Concen: 46.421 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:248 Resp: 227160
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.6
141 77.1 53.7 80.5

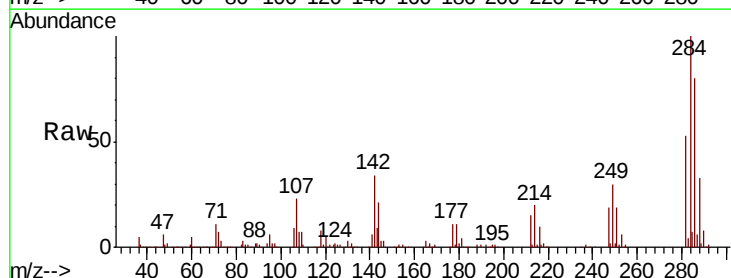


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

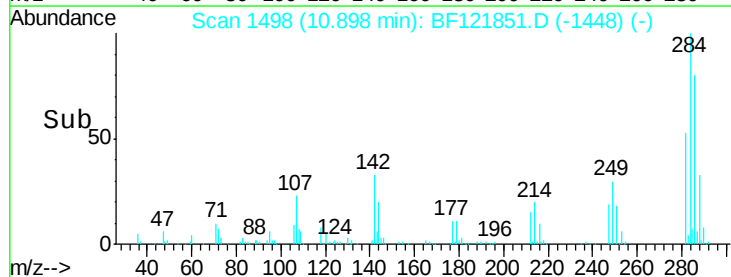
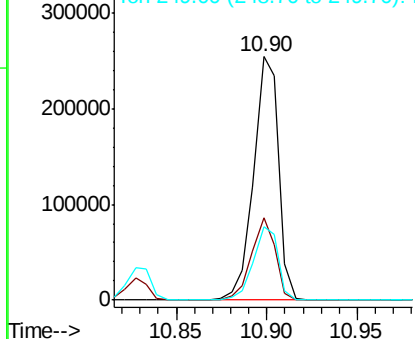


#68
Hexachlorobenzene
Concen: 44.150 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:284 Resp: 243812
Ion Ratio Lower Upper
284 100
142 33.8 27.4 41.2
249 30.2 24.2 36.4



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

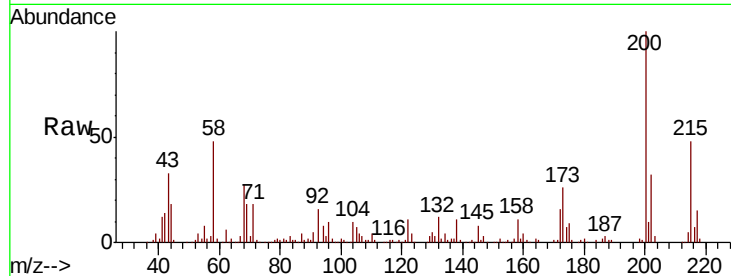




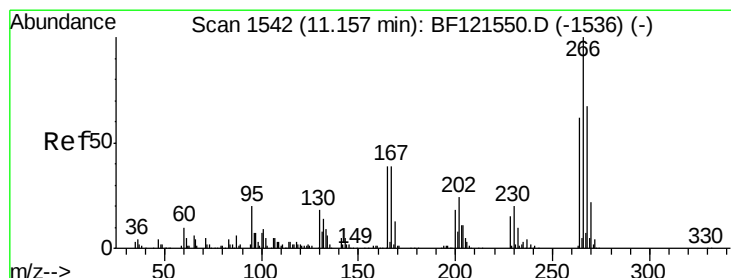
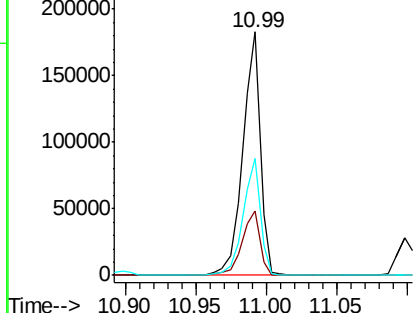
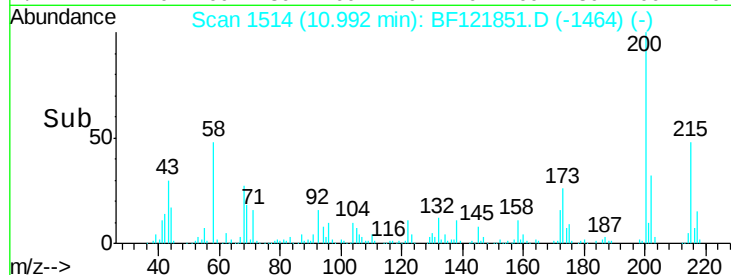
#69
Atrazine
Concen: 43.120 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:200 Resp: 157965
Ion Ratio Lower Upper
200 100
173 26.3 7.5 47.5
215 47.8 27.1 67.1

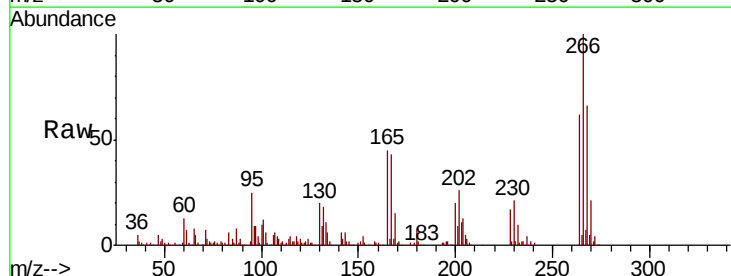


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

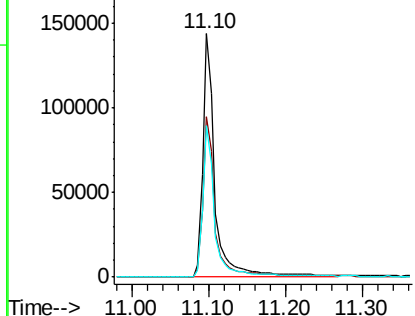
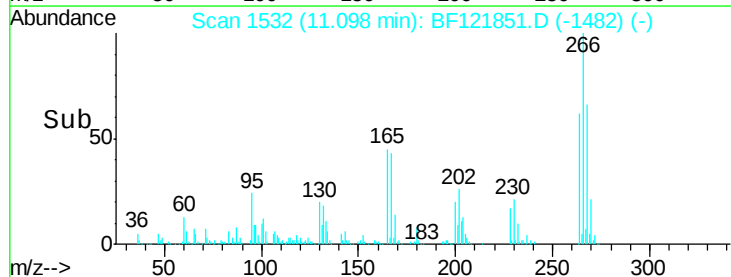


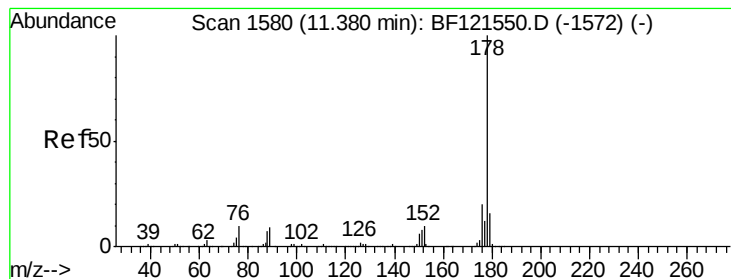
#70
Pentachlorophenol
Concen: 52.710 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:266 Resp: 159859
Ion Ratio Lower Upper
266 100
268 65.9 52.4 78.6
264 62.3 49.9 74.9



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





#71

Phenanthrene

Concen: 50.272 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

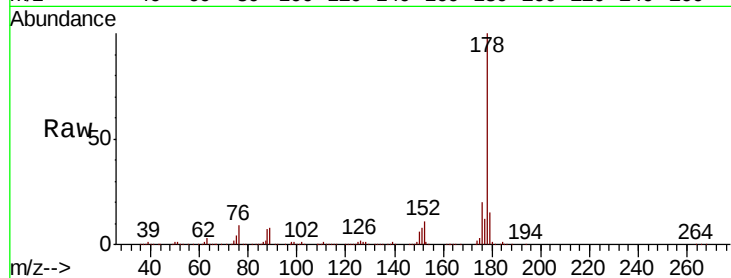
Tot Ion:178 Resp: 1177222

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

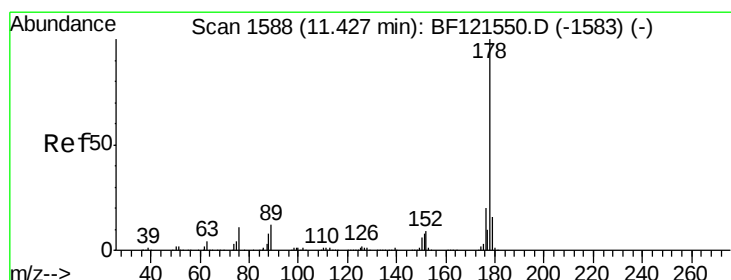
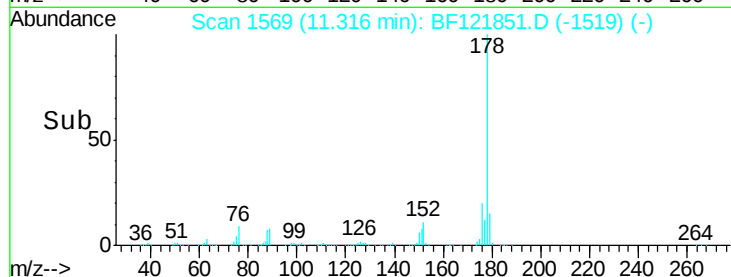
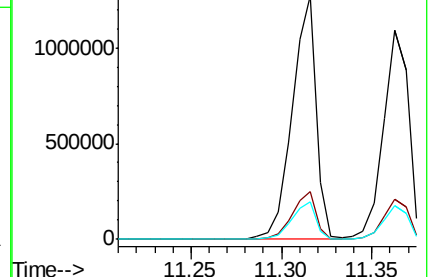
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.426 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

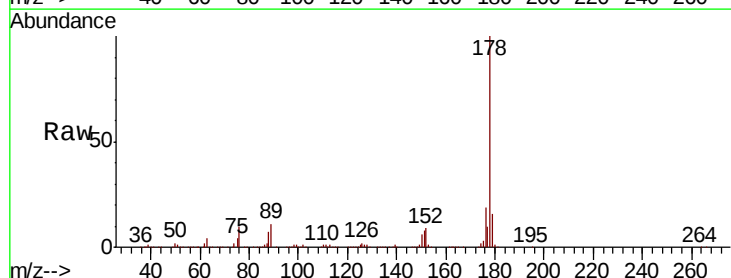
Tgt Ion:178 Resp: 1049421

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

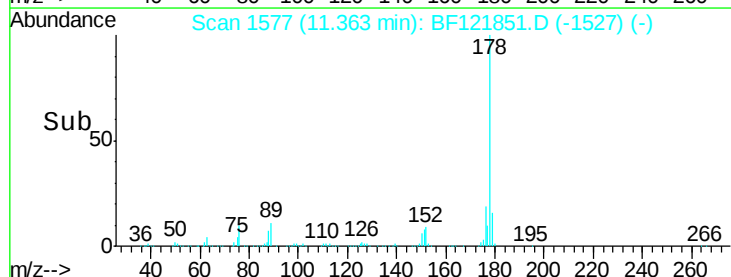
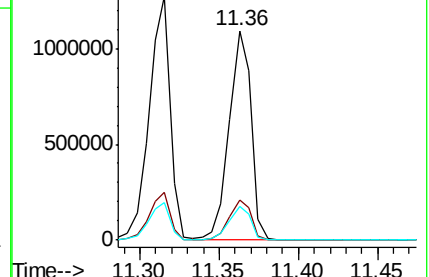
179 15.9 12.7 19.1

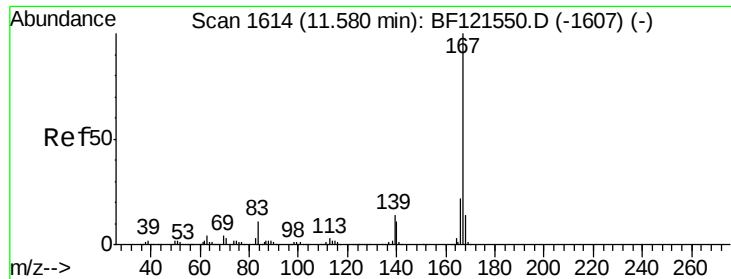


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

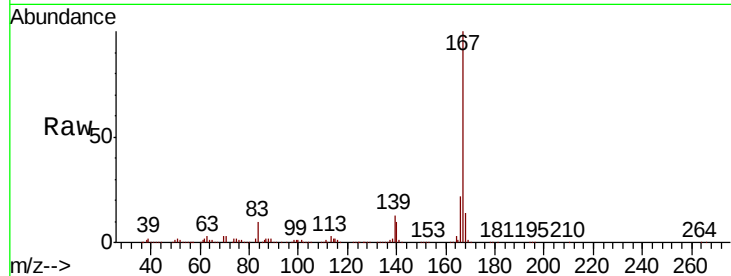




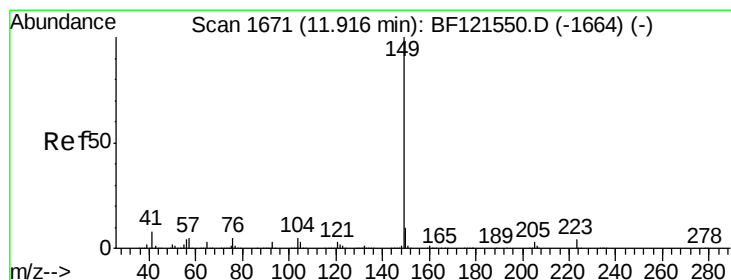
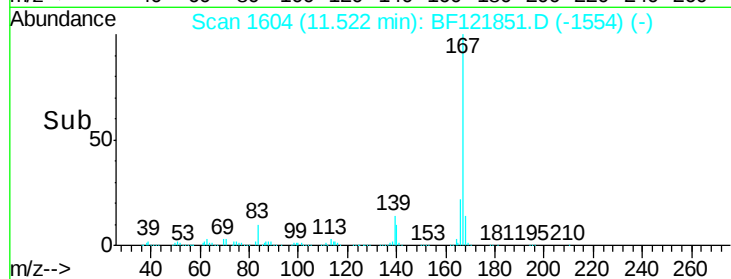
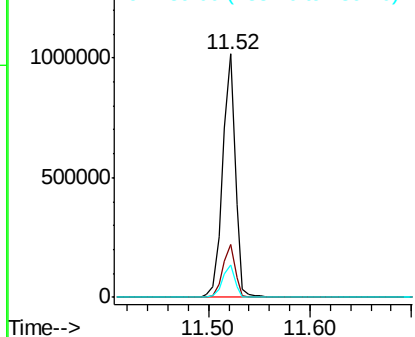
#73
 Carbazole
 Concen: 40.268 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion:167 Resp: 878132
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.5 10.8 16.2

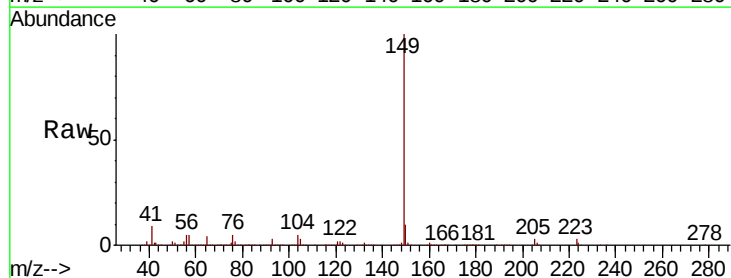


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

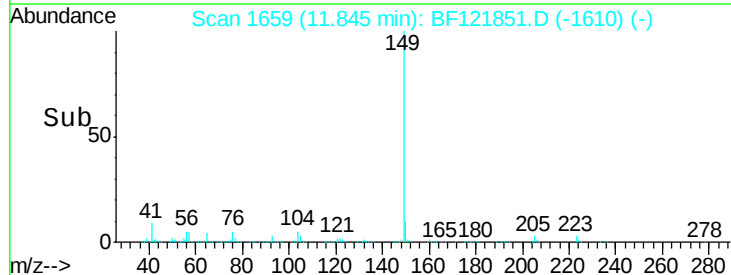
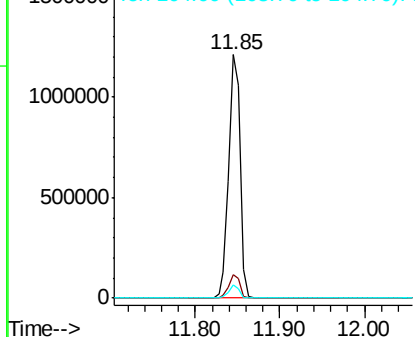


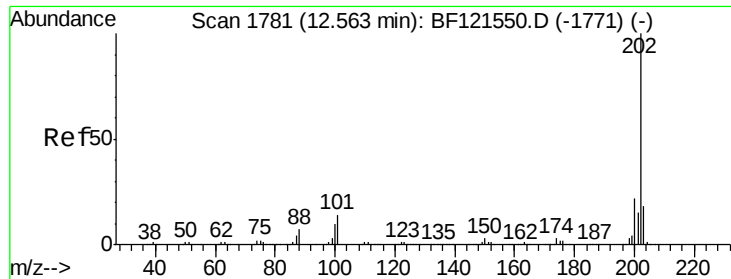
#74
 Di-n-butylphthalate
 Concen: 44.433 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:149 Resp: 1118320
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.527 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

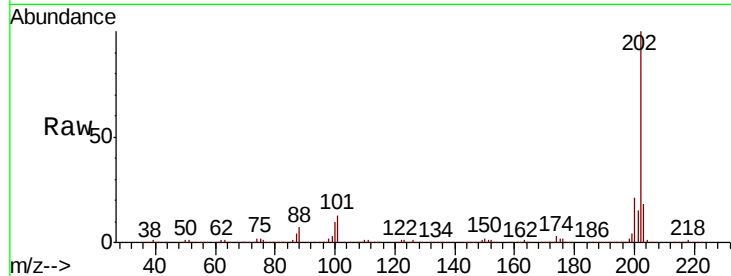
Tot Ion:202 Resp: 1163065

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.4

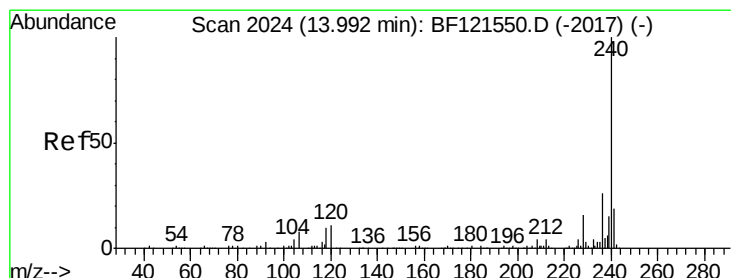
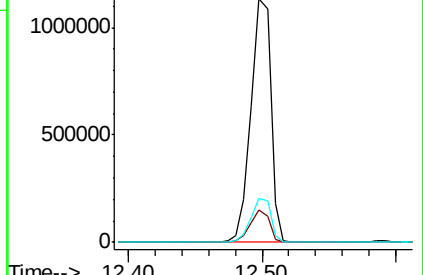
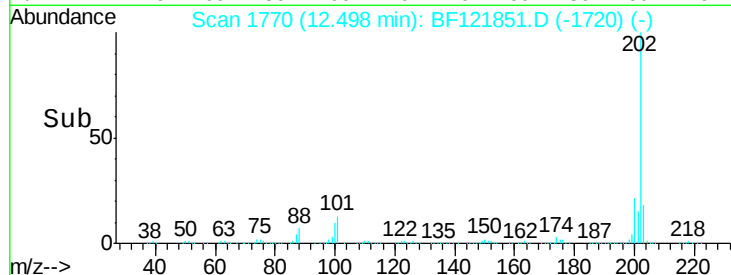
203 18.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

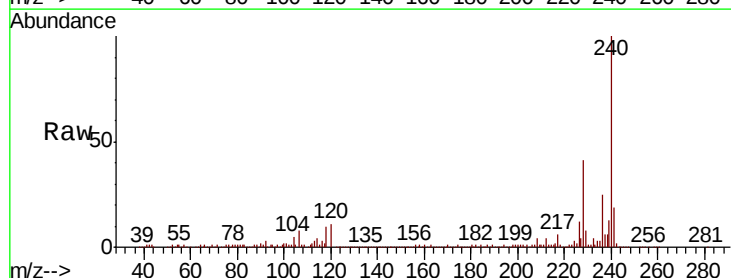
Tgt Ion:240 Resp: 260768

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

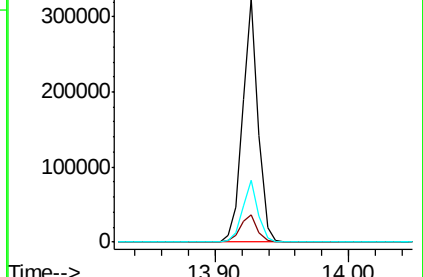
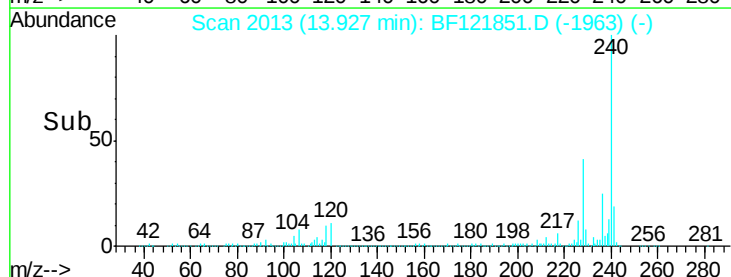
236 25.3 20.9 31.3

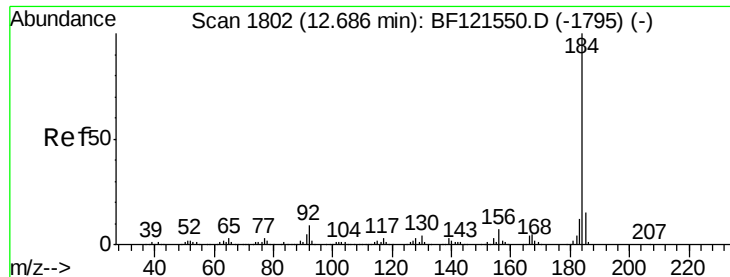


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.553 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

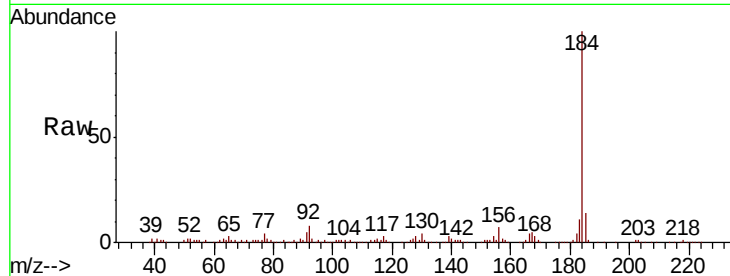
Tot Ion:184 Resp: 194974

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

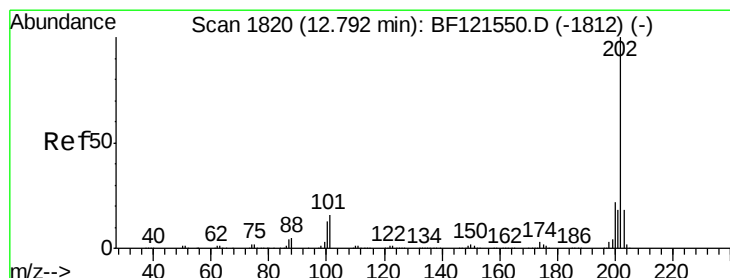
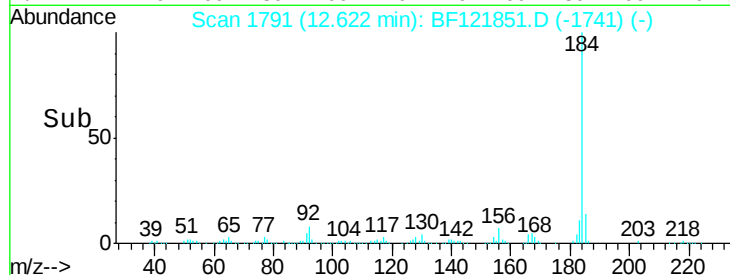
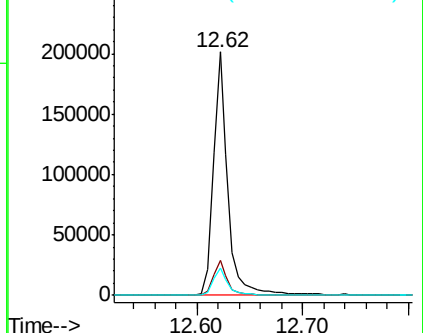
183 11.4 9.4 14.0



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



#78

Pyrene

Concen: 58.875 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

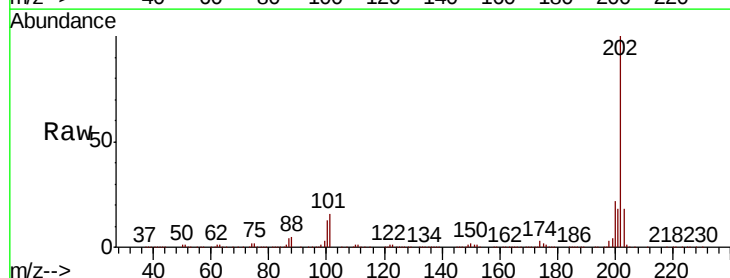
Tgt Ion:202 Resp: 1121715

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

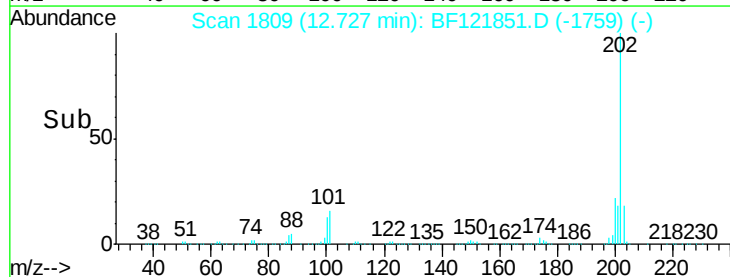
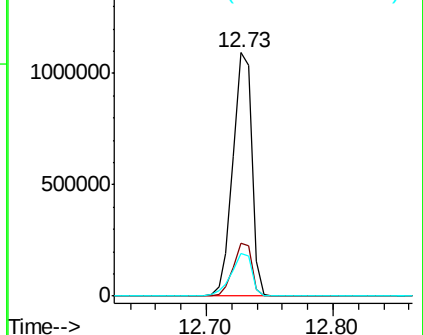
203 17.7 14.6 21.8



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





#79

Terphenyl-d14

Concen: 89.565 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MS

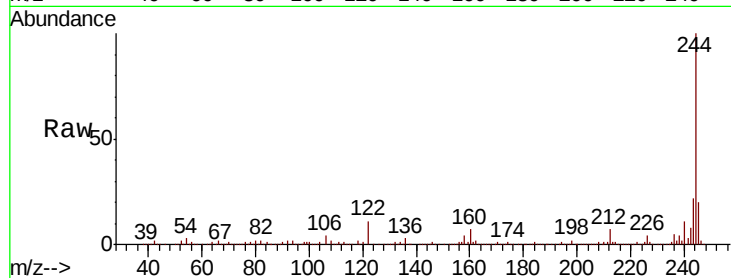
Tot Ion:244 Resp: 1152859

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

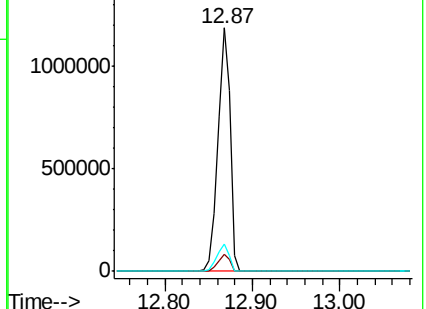
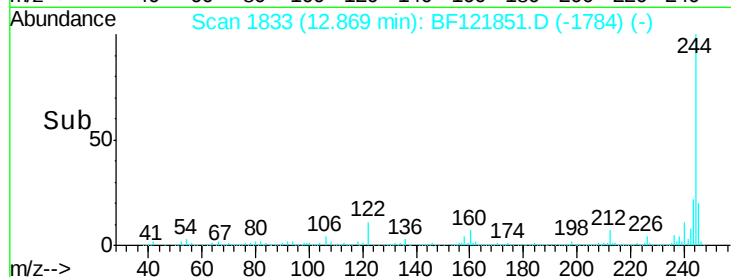
122 11.3 8.1 12.1



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



#80

Butylbenzylphthalate

Concen: 49.713 ng

RT: 13.35 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121851.D

Acq: 6 Oct 2020 14:25

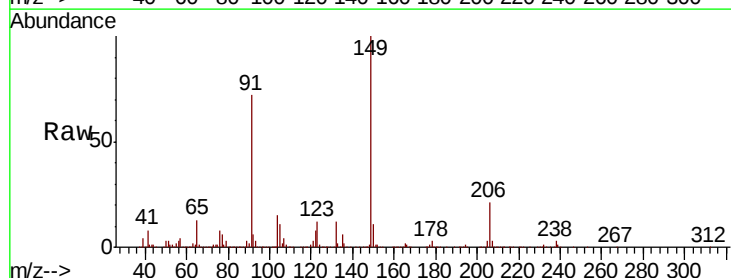
Tgt Ion:149 Resp: 383061

Ion Ratio Lower Upper

149 100

91 72.0 61.0 91.4

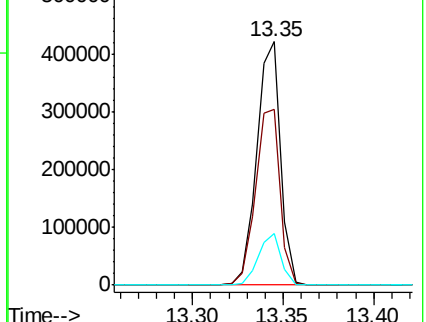
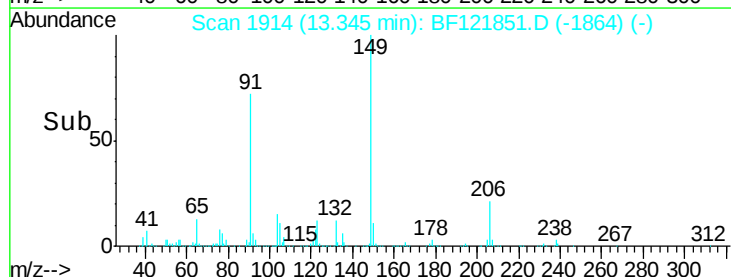
206 21.2 16.7 25.1

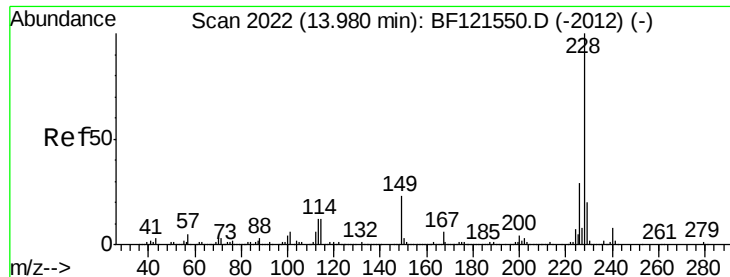


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

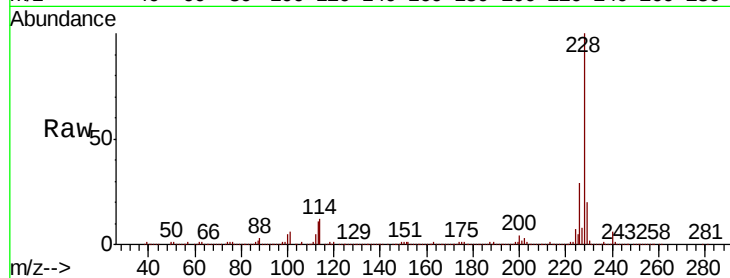




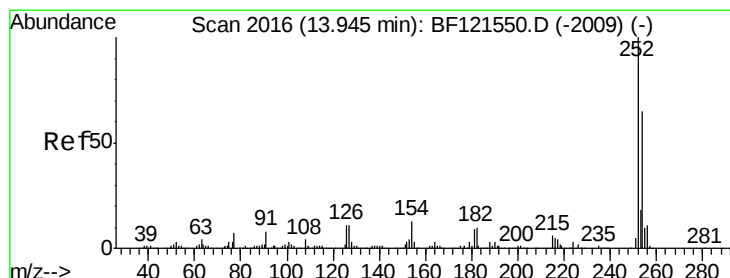
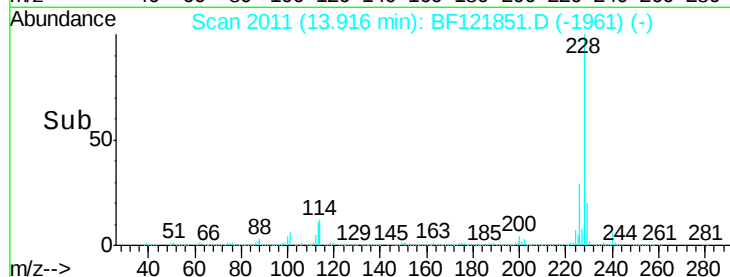
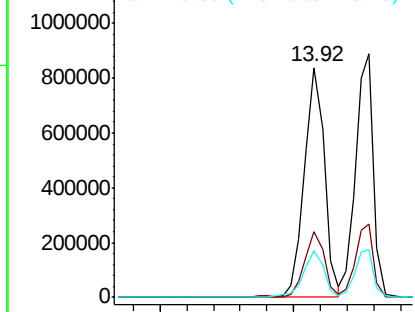
#81
Benzo(a)anthracene
Concen: 52.150 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.2	16.2	24.4

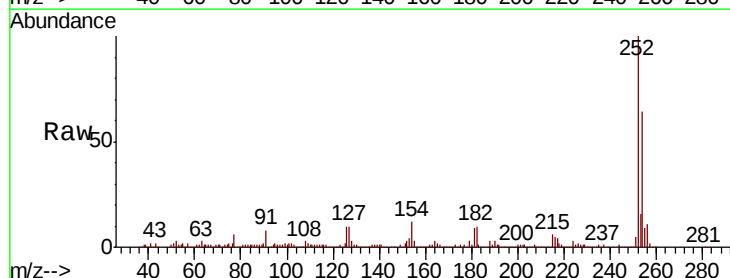


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

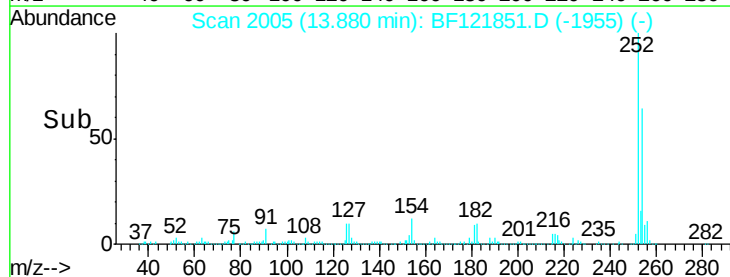
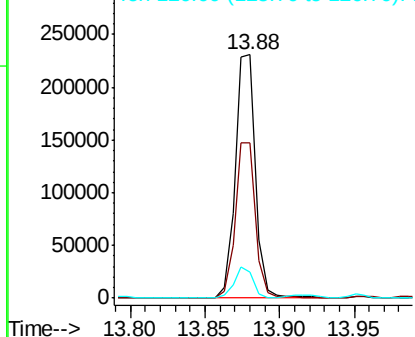


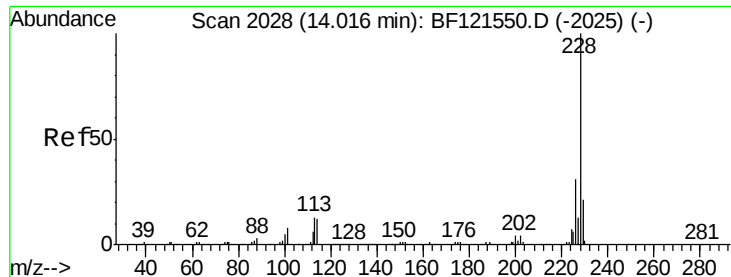
#82
3,3'-Dichlorobenzidine
Concen: 34.245 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.8	77.6
126	10.5	8.8	13.2



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

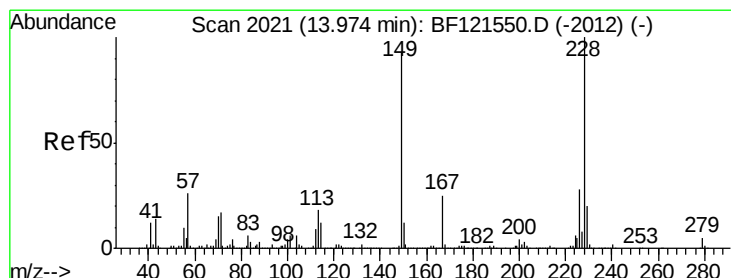
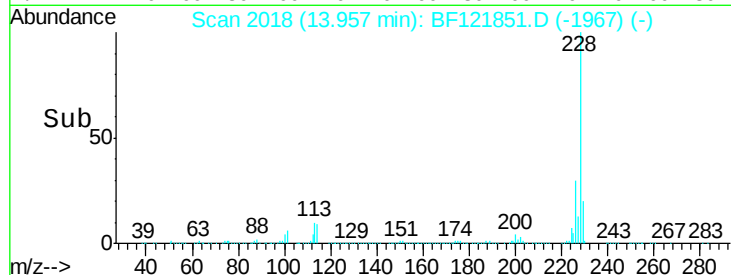
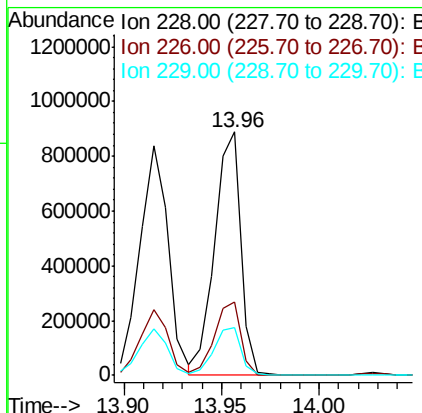
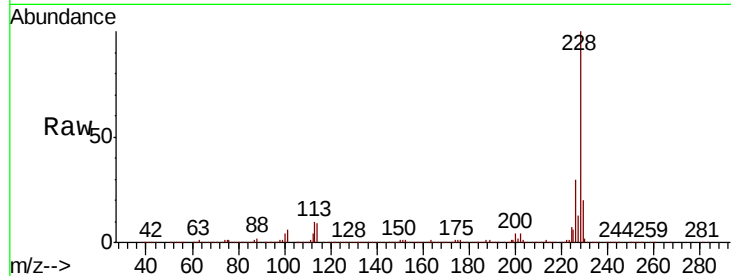




#83
 Chrvsene
 Concen: 49.386 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

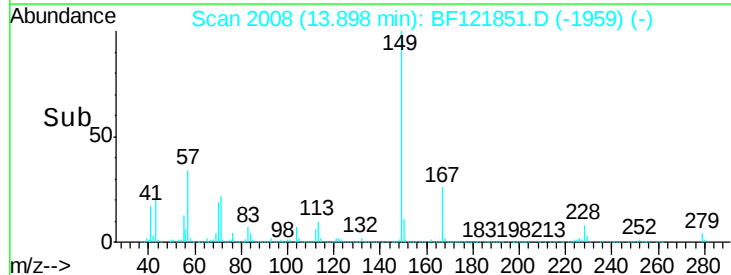
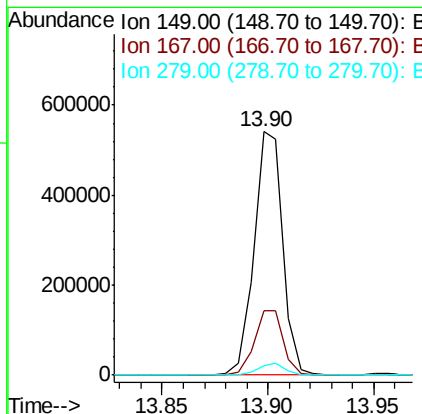
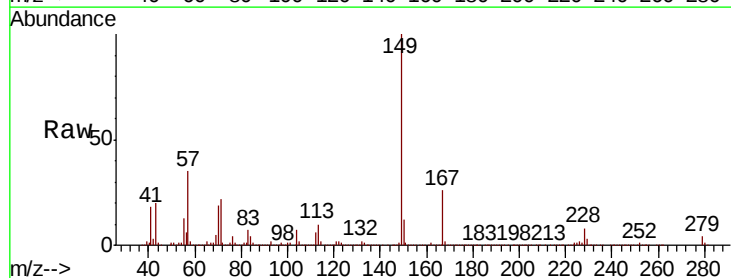
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

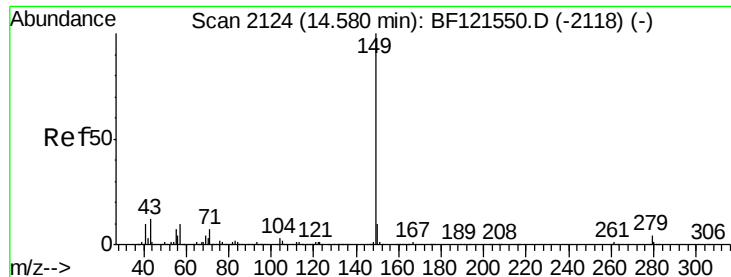
Tot Ion:228 Resp: 825040
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 37.0
 229 19.9 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.340 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:149 Resp: 507898
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.9 31.3
 279 3.7 3.2 4.8

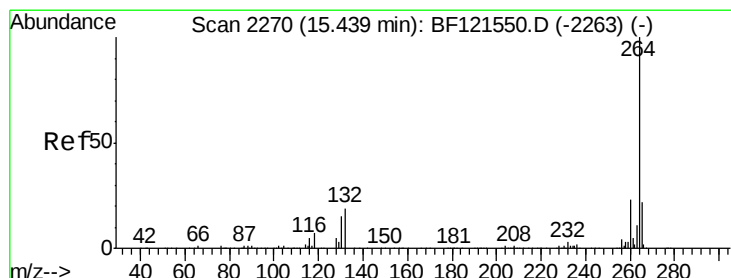
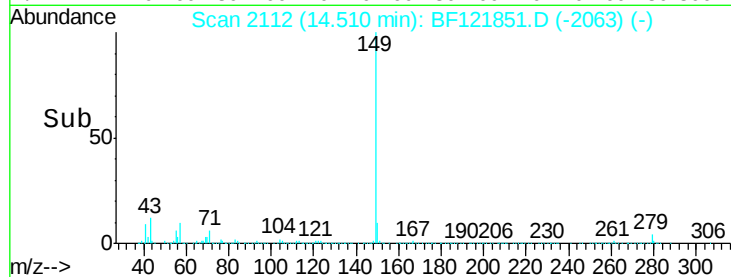
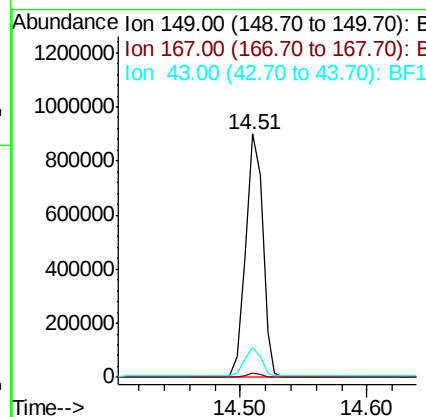
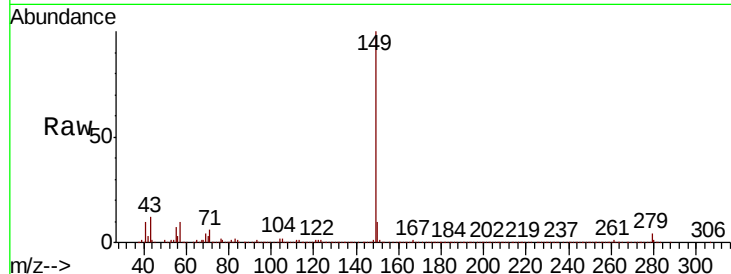




#85
Di-n-octyl phthalate
Concen: 45.864 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

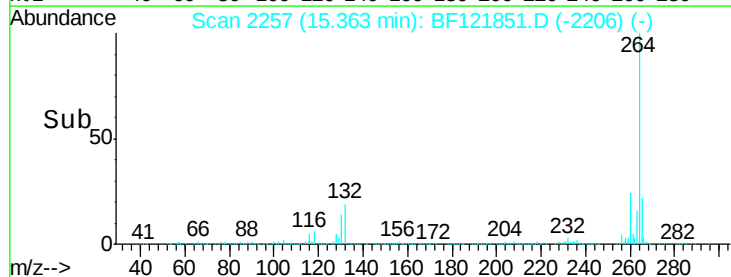
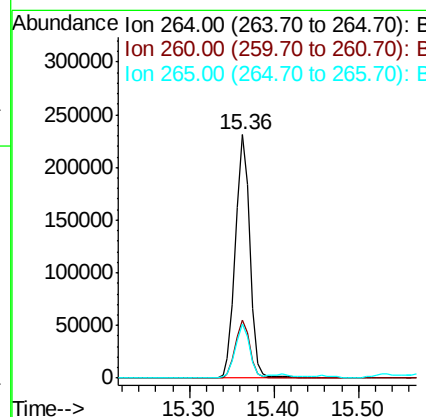
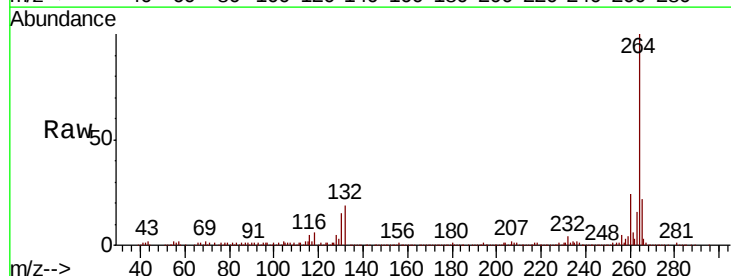
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

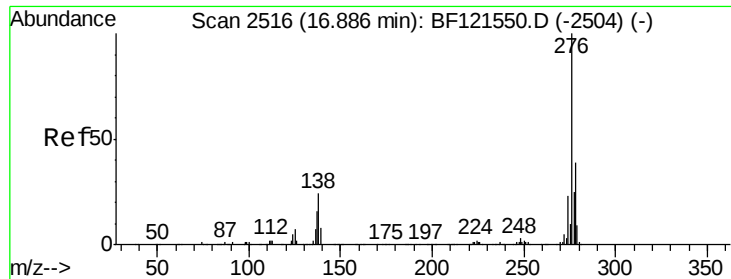
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.0	13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	17.3	25.9

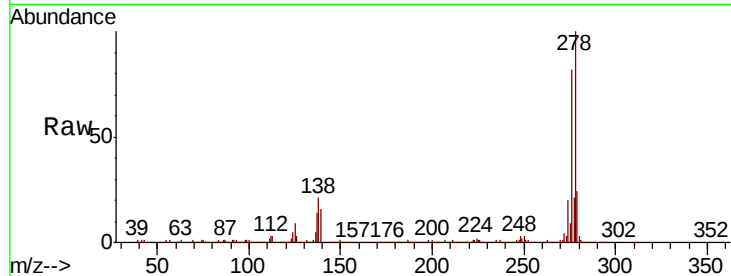




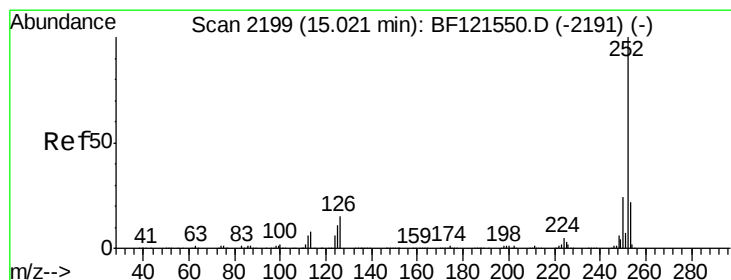
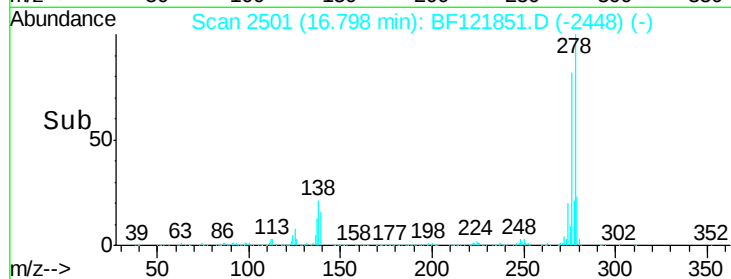
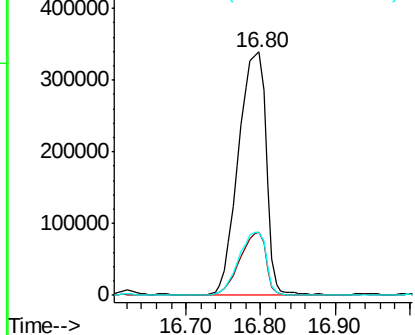
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.639 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MS

Tot Ion:276 Resp: 876118
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.9 29.9
 277 25.4 20.4 30.6

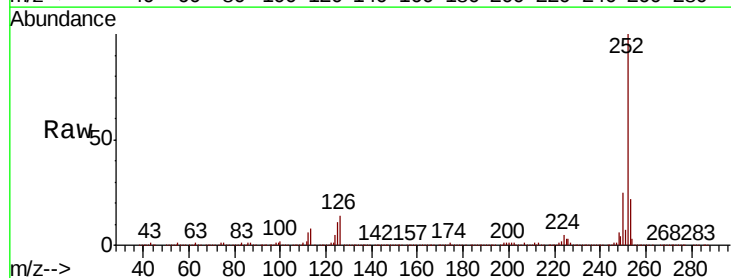


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

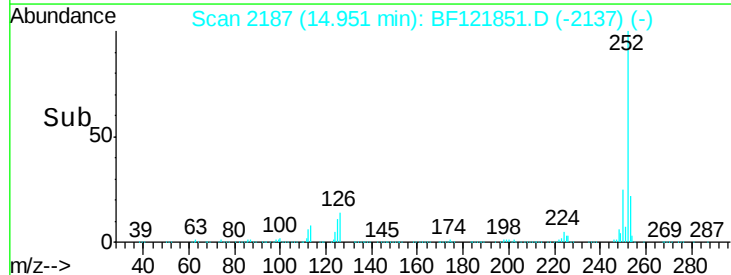
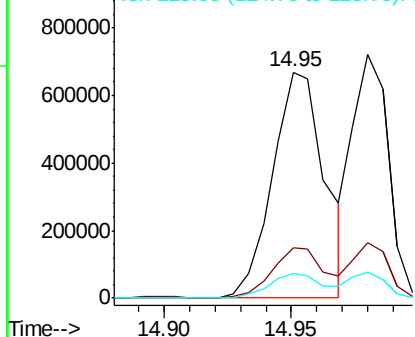


#88
 Benzo(b)fluoranthene
 Concen: 52.875 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121851.D
 Acq: 6 Oct 2020 14:25

Tgt Ion:252 Resp: 957997
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 10.9 8.0 12.0



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

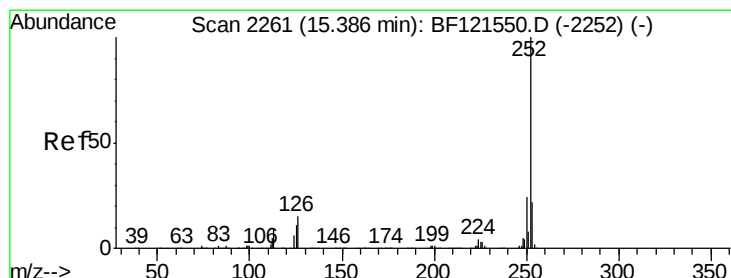
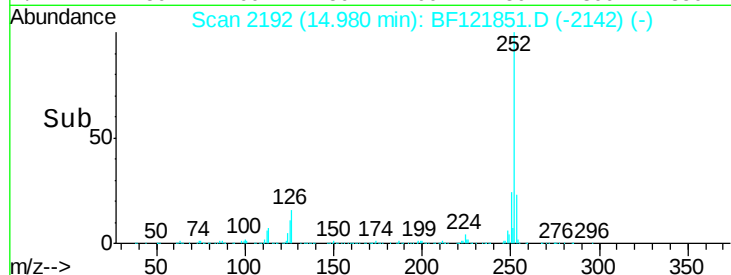
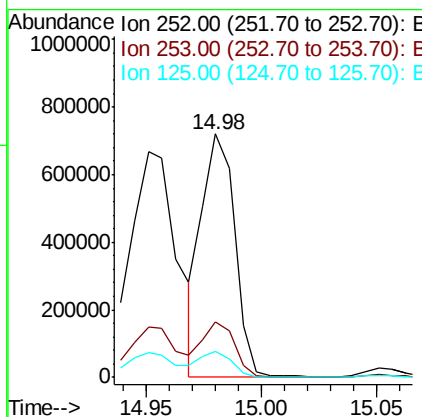
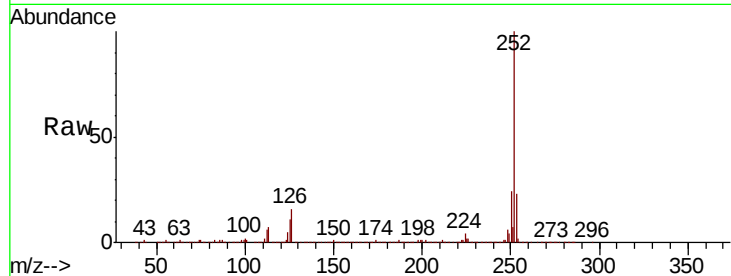




#89
Benzo(k)fluoranthene
Concen: 43.045 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

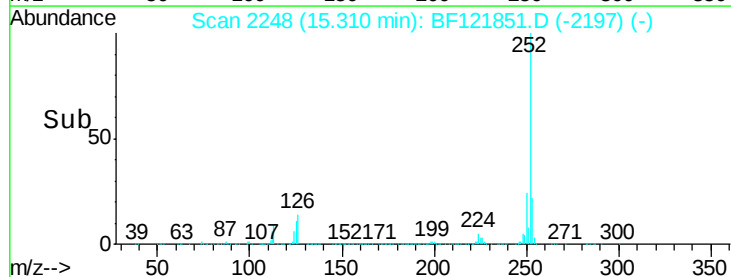
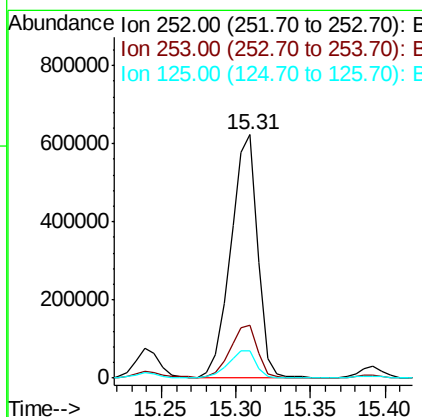
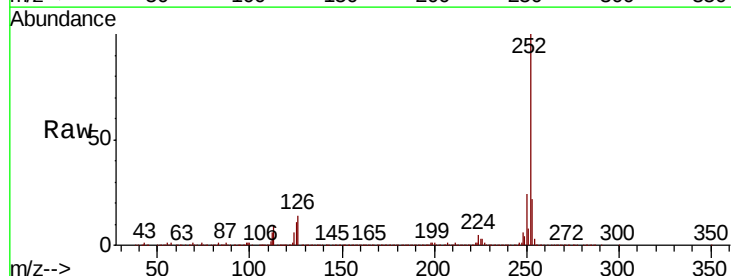
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

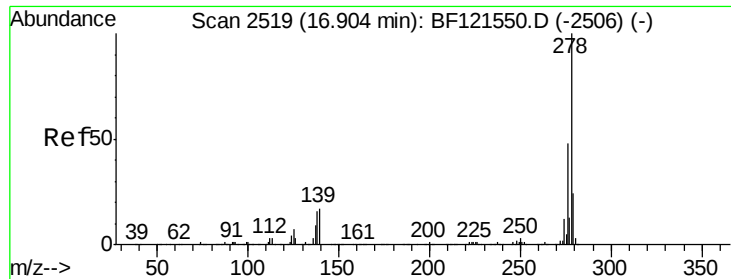
Tot Ion:252 Resp: 714188
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.861 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:252 Resp: 783312
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.1 8.6 13.0

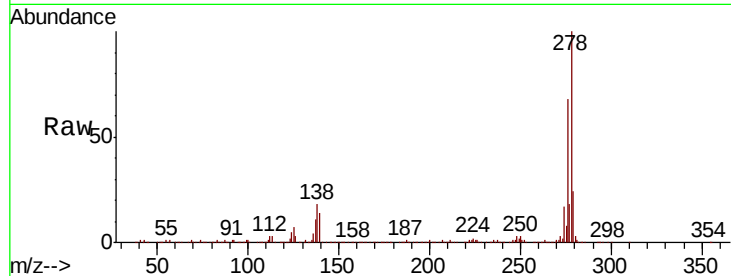




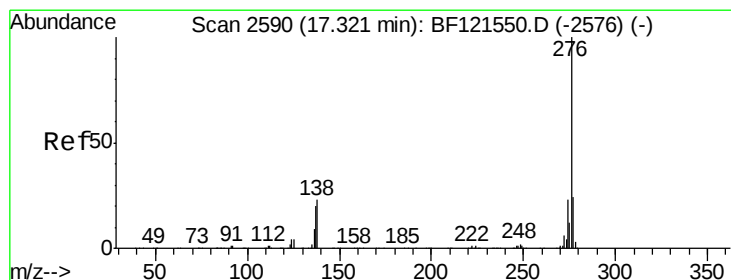
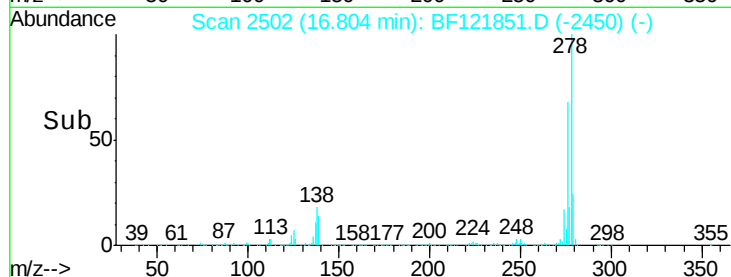
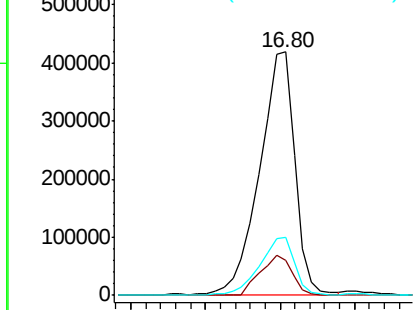
#91
Dibenzo(a,h)anthracene
Concen: 46.206 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MS

Tot Ion:278 Resp: 678879
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 23.8 19.0 28.4

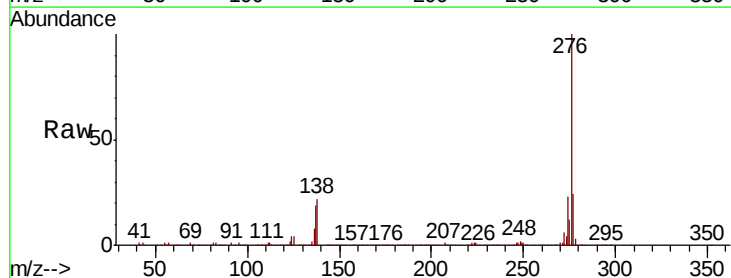


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.004 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121851.D
Acq: 6 Oct 2020 14:25

Tgt Ion:276 Resp: 722171
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 22.2 17.8 26.6



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

