

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121203.D
 Acq On : 6 Aug 2020 15:36
 Operator : JU/CG
 Sample : PB130763BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Quant Time: Aug 06 17:41:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139200	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	531554	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	266578	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	485018	20.00	ng	0.00
76) Chrysene-d12	13.96	240	362989	20.00	ng	0.00
86) Perylene-d12	15.40	264	365664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	870048	102.47	ng	0.00
7) Phenol-d6	6.44	99	1053288	96.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	710593	77.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	304185	104.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1281315	71.76	ng	0.00
79) Terphenyl-d14	12.90	244	1236726	74.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	141643	36.245	ng	99
3) Pyridine	3.31	79	338551	32.566	ng	99
4) n-Nitrosodimethylamine	3.26	42	176084	39.611	ng	99
6) Aniline	6.46	93	476285	33.266	ng	94
8) 2-Chlorophenol	6.58	128	394077	42.129	ng	99
9) Benzaldehyde	6.35	77	251122	50.684	ng	99
10) Phenol	6.45	94	460081	38.132	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	375357	40.593	ng	96
12) 1,3-Dichlorobenzene	6.73	146	406402	40.067	ng	98
13) 1,4-Dichlorobenzene	6.81	146	409814	40.632	ng	99
14) 1,2-Dichlorobenzene	6.96	146	391647	41.046	ng	100
15) Benzyl Alcohol	6.94	79	310590	40.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	522430	39.198	ng	96
17) 2-Methylphenol	7.06	107	308071	37.158	ng	99
18) Hexachloroethane	7.30	117	152348	41.733	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	236251	37.879	ng	96
20) 3+4-Methylphenols	7.21	107	354253	33.589	ng	97
22) Acetophenone	7.20	105	491264	41.180	ng	# 98
24) Nitrobenzene	7.38	77	392766	39.669	ng	99
25) Isophorone	7.62	82	708107	38.623	ng	96
26) 2-Nitrophenol	7.69	139	210732	44.814	ng	96
27) 2,4-Dimethylphenol	7.73	122	330810	43.329	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	459090	41.021	ng	100
29) 2,4-Dichlorophenol	7.94	162	316589	40.580	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	347328	40.127	ng	98
31) Naphthalene	8.10	128	1081393	39.661	ng	100
32) Benzoic acid	7.87	122	200268	34.944	ng	99
33) 4-Chloroaniline	8.15	127	358076	29.439	ng	99
34) Hexachlorobutadiene	8.22	225	202886	39.761	ng	99
35) Caprolactam	8.53	113	98686	39.445	ng	# 85
36) 4-Chloro-3-methylphenol	8.64	107	322793	40.342	ng	98
37) 2-Methylnaphthalene	8.79	142	725723	40.992	ng	99
38) 1-Methylnaphthalene	8.89	142	678961	40.493	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	335257	43.165	ng	99

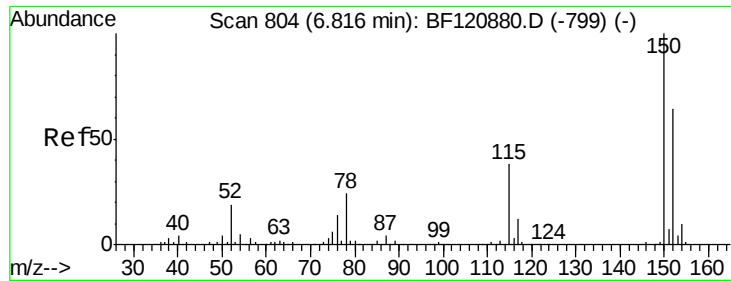
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	341555	79.568	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	222938	40.767	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	240483	38.767	nq	97
46) 1,1'-Biphenyl	9.26	154	865153	42.546	nq	99
47) 2-Chloronaphthalene	9.28	162	664752	40.096	nq	99
48) 2-Nitroaniline	9.38	65	203528	40.623	nq	98
49) Acenaphthylene	9.70	152	1057112	41.044	nq	99
50) Dimethylphthalate	9.56	163	785985	40.869	nq	100
51) 2,6-Dinitrotoluene	9.62	165	172921	41.851	nq	100
52) Acenaphthene	9.87	154	607809	37.119	nq	99
53) 3-Nitroaniline	9.79	138	144836	27.950	nq	100
54) 2,4-Dinitrophenol	9.90	184	160724	68.641	nq	97
55) Dibenzofuran	10.04	168	927233	39.158	nq	99
56) 4-Nitrophenol	9.97	139	254338	64.612	nq	98
57) 2,4-Dinitrotoluene	10.03	165	224632	41.400	nq	89
58) Fluorene	10.39	166	698243	39.537	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	205095	43.424	nq	99
60) Diethylphthalate	10.26	149	775450	39.863	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	348707	37.019	nq	97
62) 4-Nitroaniline	10.41	138	187575	37.160	nq	99
63) Azobenzene	10.53	77	729198	39.375	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119202	42.908	nq	95
66) n-Nitrosodiphenylamine	10.50	169	653359	42.822	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	229236	42.392	nq	97
68) Hexachlorobenzene	10.93	284	256811	43.903	nq	98
69) Atrazine	11.02	200	185013	48.962	nq	98
70) Pentachlorophenol	11.13	266	265371	79.188	nq	98
71) Phenanthrene	11.35	178	1030610	41.316	nq	100
72) Anthracene	11.40	178	1073868	42.872	nq	99
73) Carbazole	11.56	167	979141	39.390	nq	99
74) Di-n-butylphthalate	11.88	149	1221511	42.582	nq	100
75) Fluoranthene	12.53	202	1121123	40.548	nq	98
77) Benzidine	12.66	184	633856	66.417	nq	99
78) Pyrene	12.76	202	1141084	44.463	nq	99
80) Butylbenzylphthalate	13.38	149	507688	44.377	nq	97
81) Benzo(a)anthracene	13.95	228	952527	43.335	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	320892	38.696	nq	99
83) Chrysene	13.99	228	947169	41.004	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	692727	49.104	nq	100
85) Di-n-octyl phthalate	14.55	149	1208248	43.049	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1063318	41.813	nq	100
88) Benzo(b)fluoranthene	14.99	252	932327	42.181	nq	99
89) Benzo(k)fluoranthene	15.02	252	912283	45.257	nq	100
90) Benzo(a)pyrene	15.35	252	855846	42.440	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	876716	42.205	nq	98
92) Benzo(g,h,i)perylene	17.27	276	900861	43.983	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

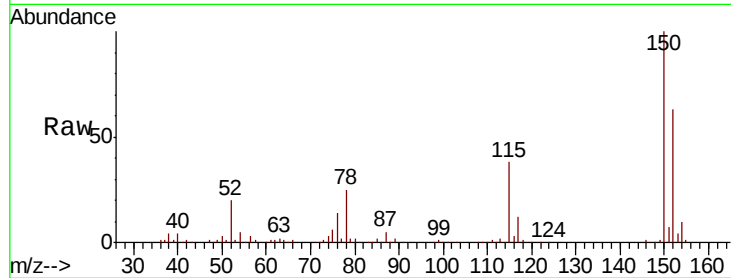
Tot Ion:152 Resp: 139200

Ion Ratio Lower Upper

152 100

150 159.3 125.6 188.4

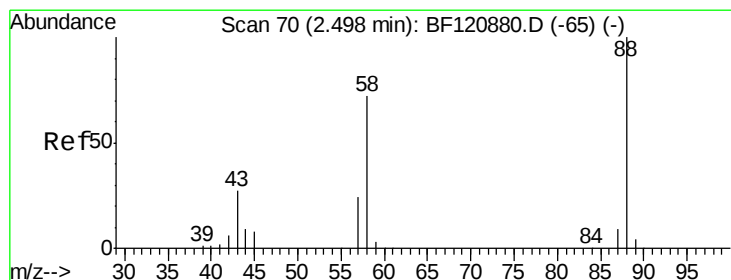
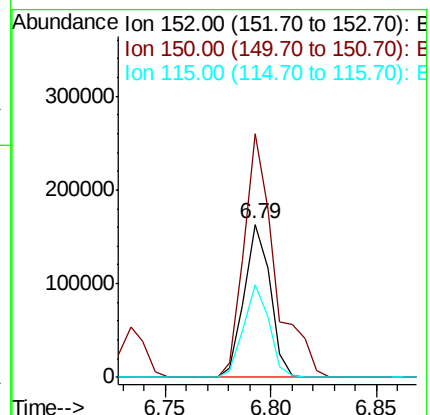
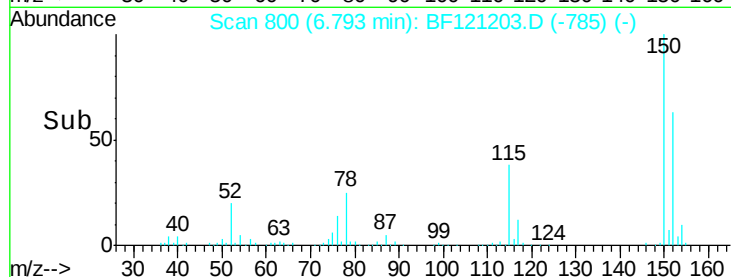
115 60.4 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.245 ng

RT: 2.58 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

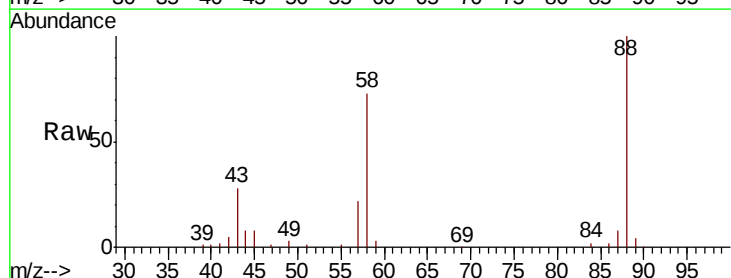
Tgt Ion: 88 Resp: 141643

Ion Ratio Lower Upper

88 100

58 72.4 58.2 87.4

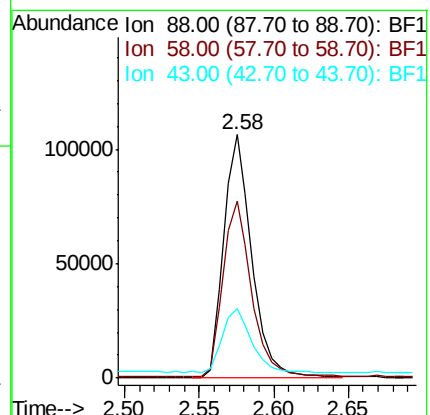
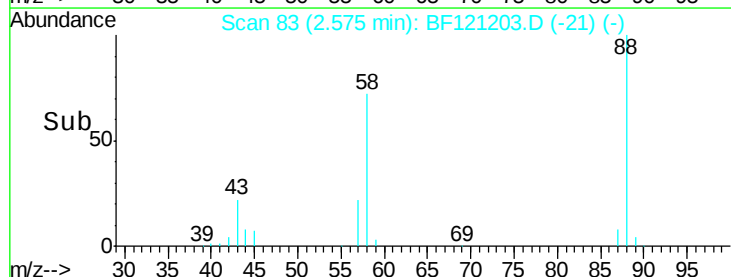
43 27.7 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.566 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.06 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

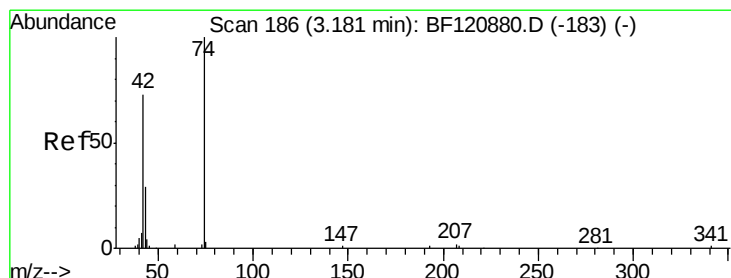
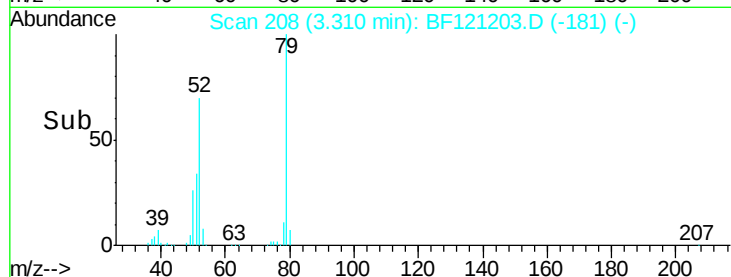
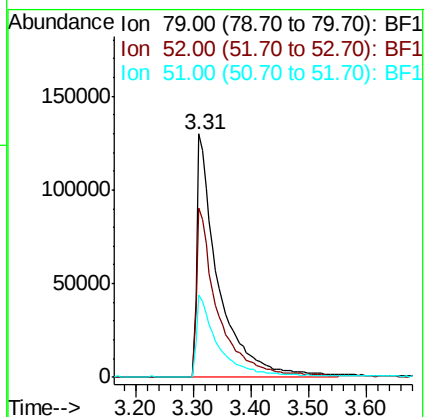
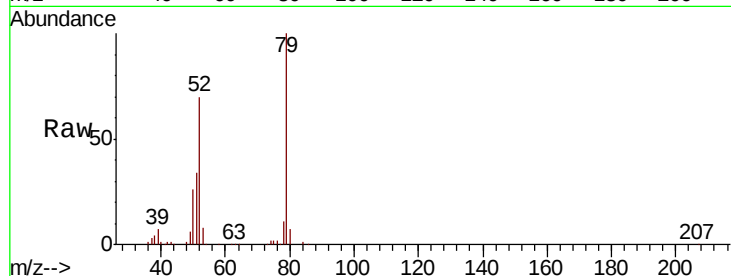
Tot Ion: 79 Resp: 338551

Ion Ratio Lower Upper

79 100

52 69.7 54.9 82.3

51 33.9 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.611 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.05 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

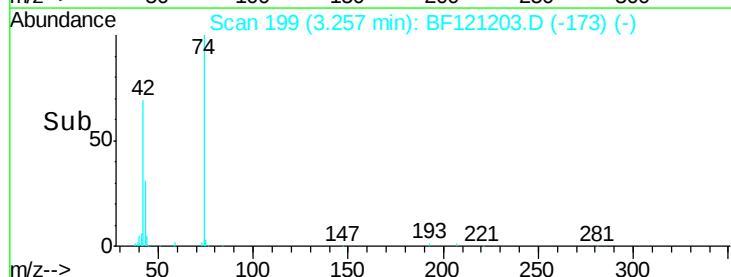
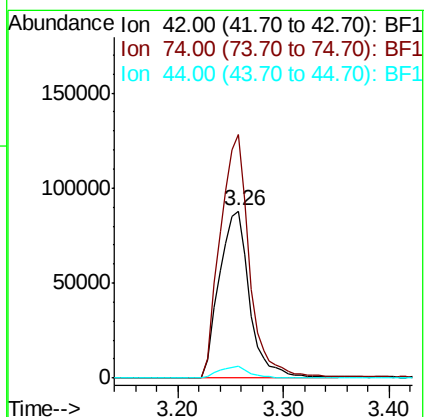
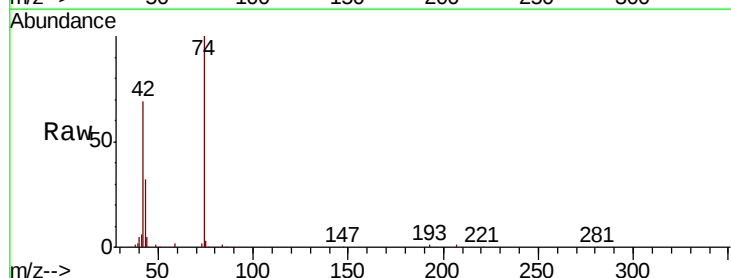
Tgt Ion: 42 Resp: 176084

Ion Ratio Lower Upper

42 100

74 145.5 117.3 175.9

44 6.9 5.9 8.9





#5

2-Fluorophenol

Concen: 102.465 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

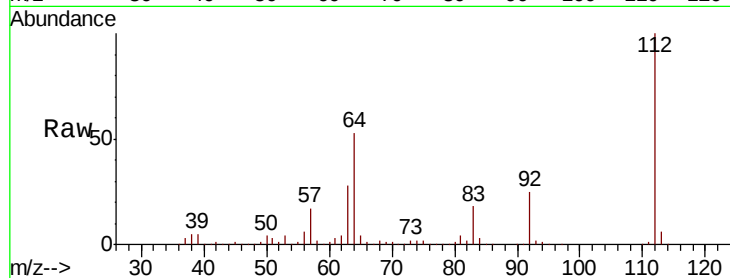
Tot Ion:112 Resp: 870048

Ion Ratio Lower Upper

112 100

64 52.9 43.9 65.9

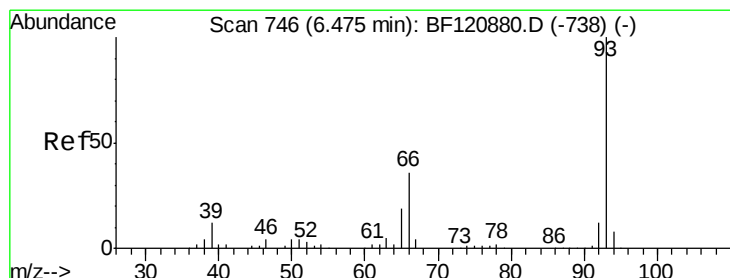
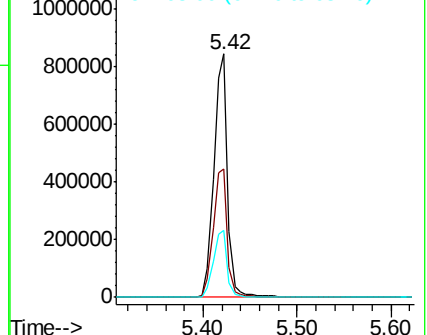
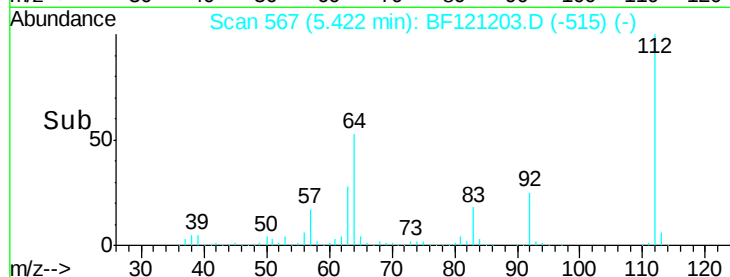
63 27.6 22.7 34.1



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: 33.266 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

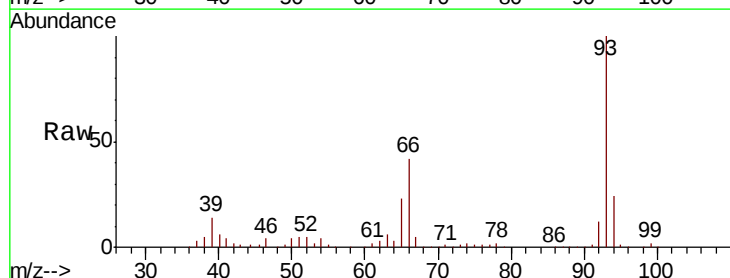
Tgt Ion: 93 Resp: 476285

Ion Ratio Lower Upper

93 100

66 42.1 31.0 46.4

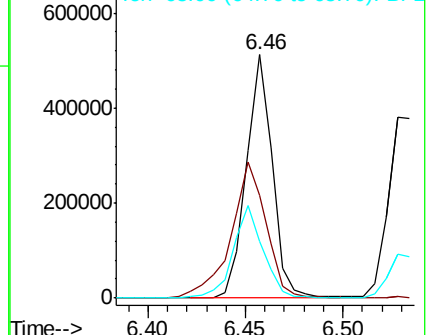
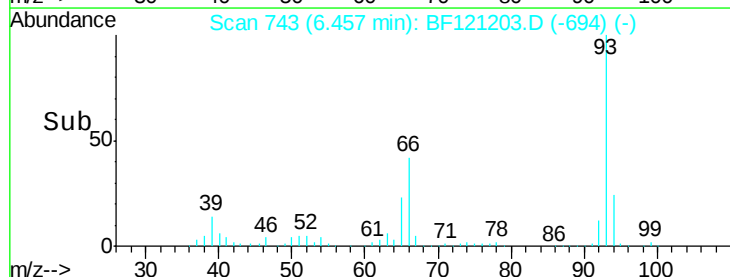
65 23.1 16.2 24.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.029 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampled :

PB130763BS

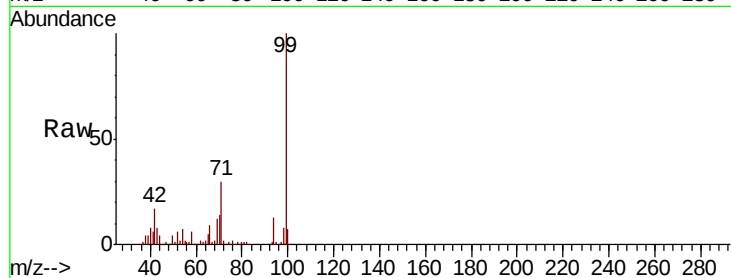
Tot Ion: 99 Resp: 1053288

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

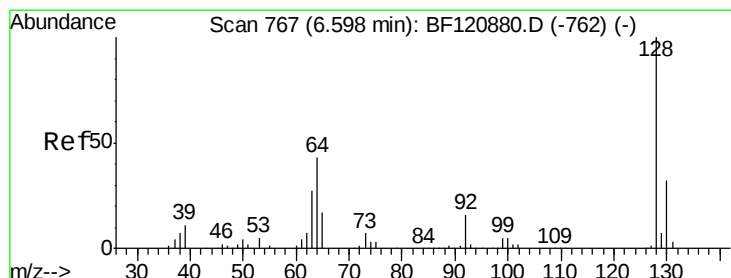
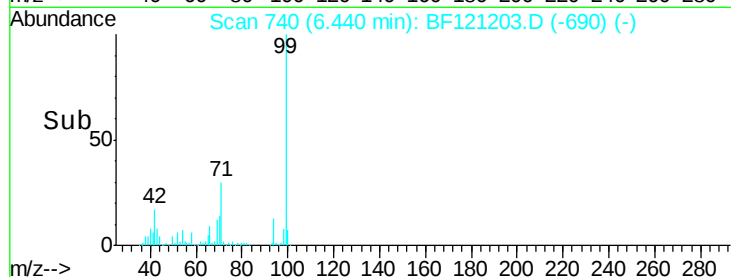
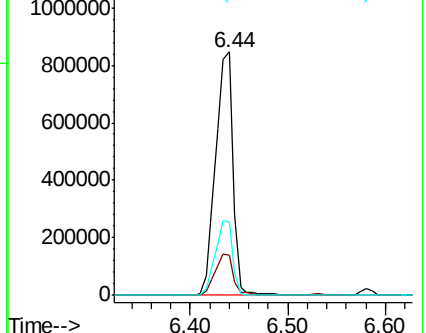
71 30.3 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.129 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

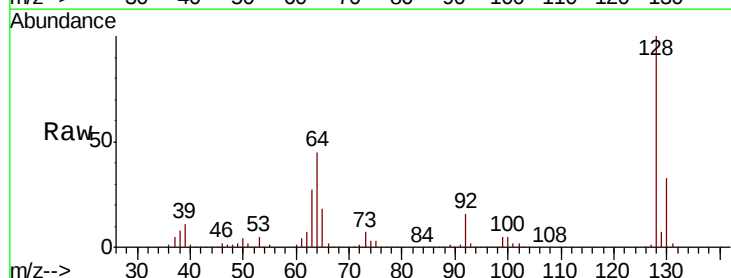
Tgt Ion: 128 Resp: 394077

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

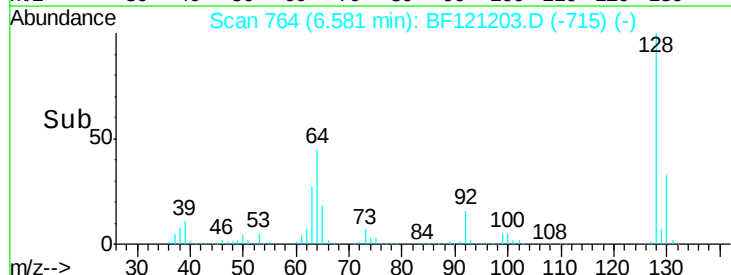
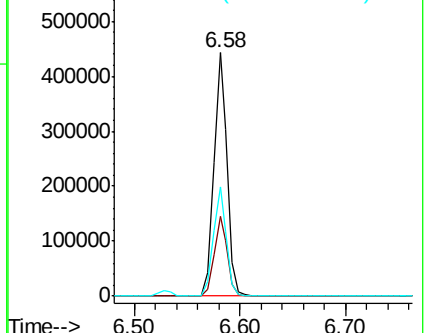
64 44.6 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 50.684 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

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ClientSampleId :

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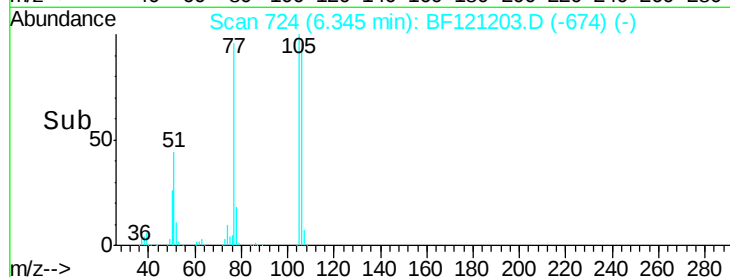
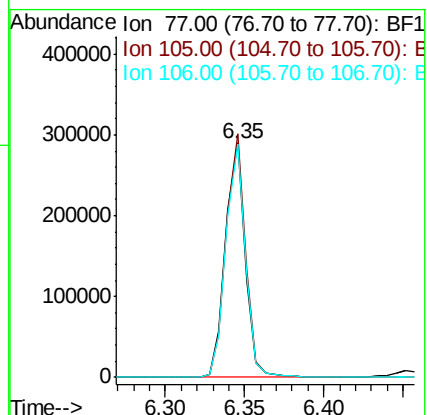
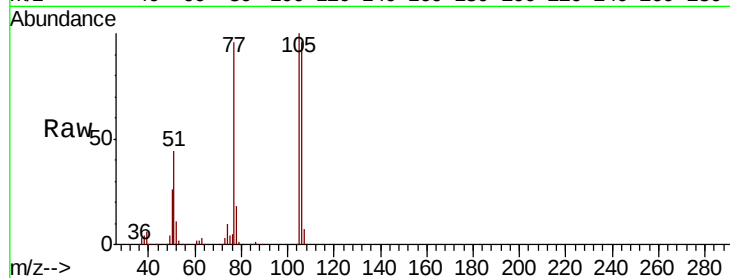
Tot Ion: 77 Resp: 251122

Ion Ratio Lower Upper

77 100

105 103.8 82.4 122.4

106 99.3 78.9 118.9



#10

Phenol

Concen: 38.132 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

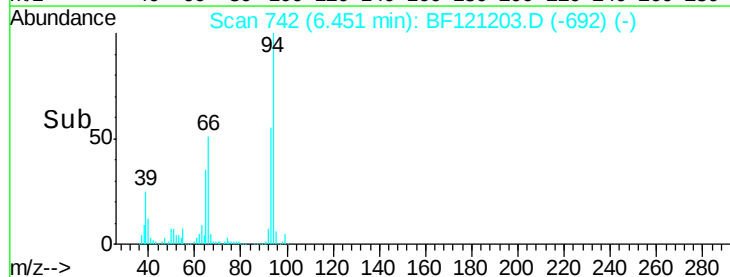
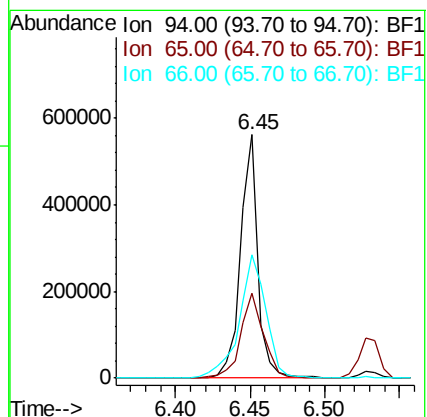
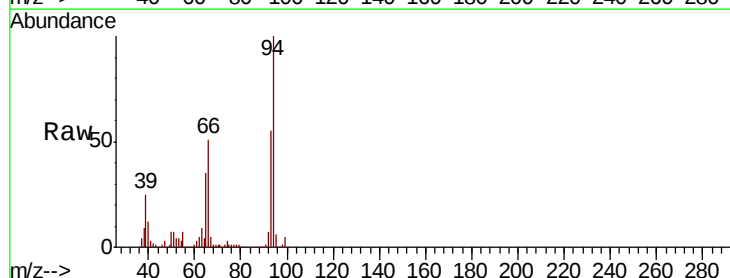
Tgt Ion: 94 Resp: 460081

Ion Ratio Lower Upper

94 100

65 34.8 12.6 52.6

66 50.8 25.6 65.6

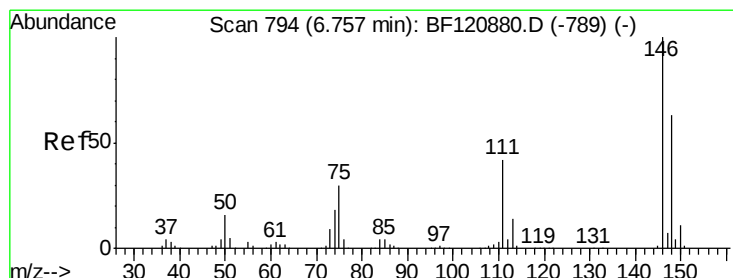
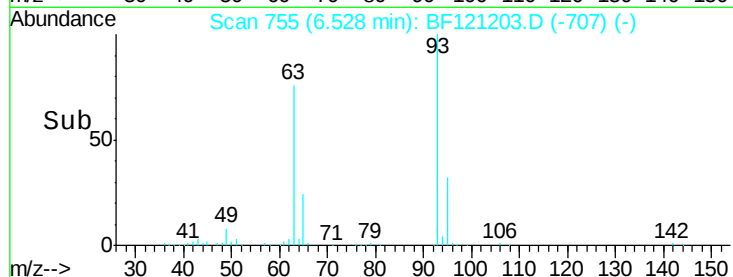
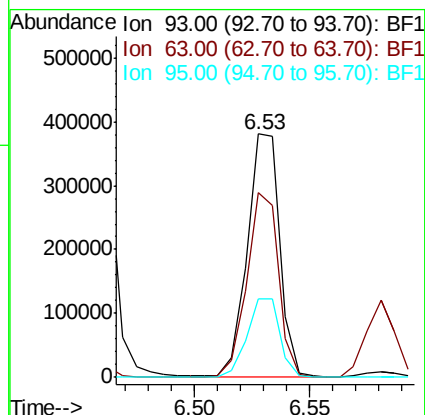
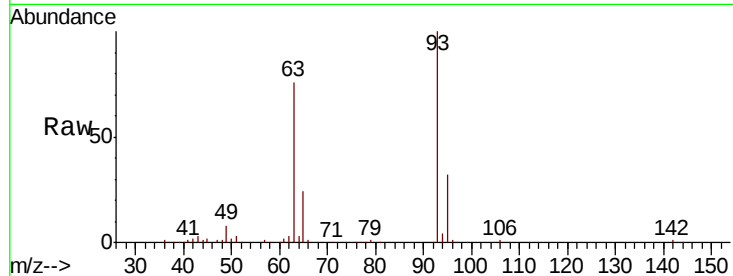




#11
bis(2-Chloroethyl)ether
Concen: 40.593 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

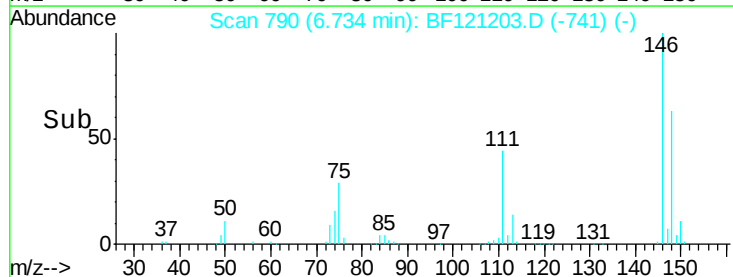
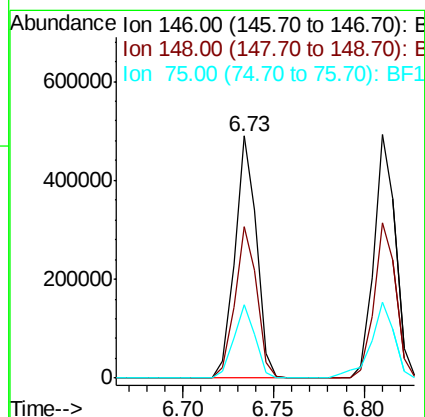
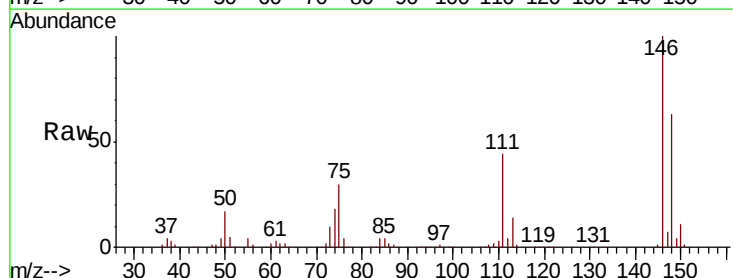
Instrument :
BNA_F
ClientSampleId :
PB130763BS

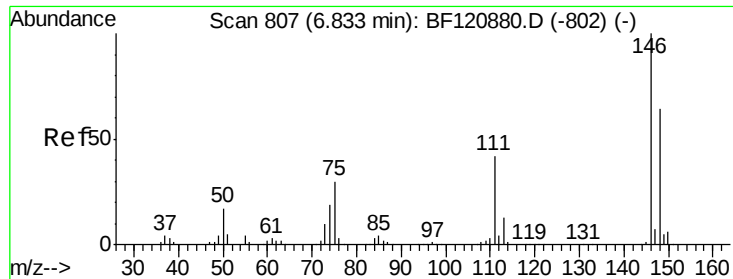
Tot Ion: 93 Resp: 375357
Ion Ratio Lower Upper
93 100
63 76.1 51.9 91.9
95 32.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.067 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion: 146 Resp: 406402
Ion Ratio Lower Upper
146 100
148 62.6 51.7 77.5
75 30.5 23.8 35.6

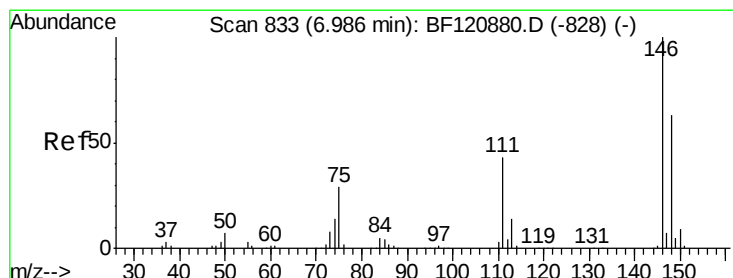
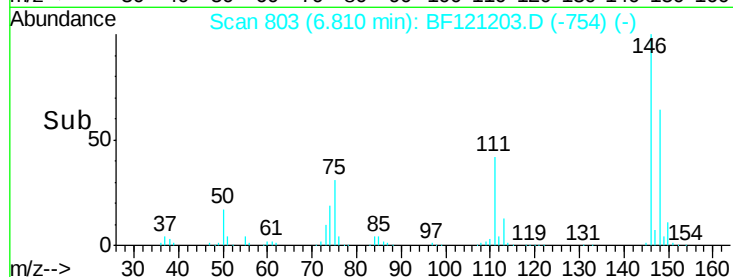
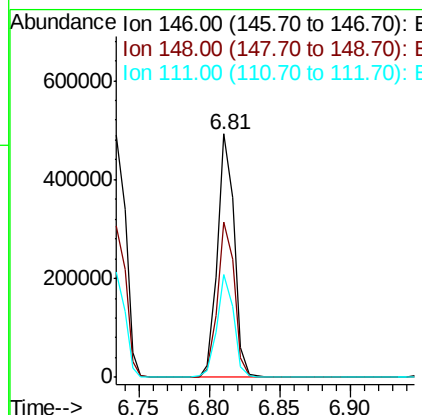
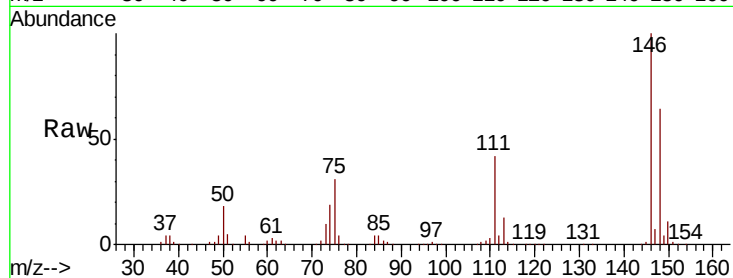




#13
 1,4-Dichlorobenzene
 Concen: 40.632 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

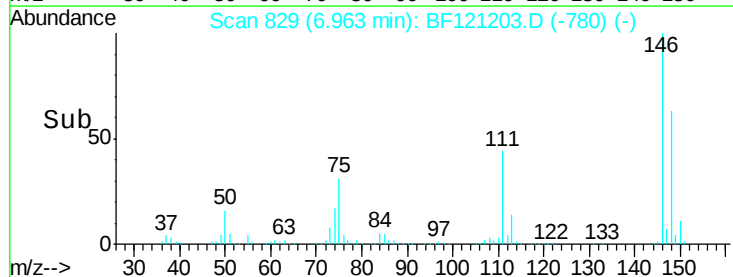
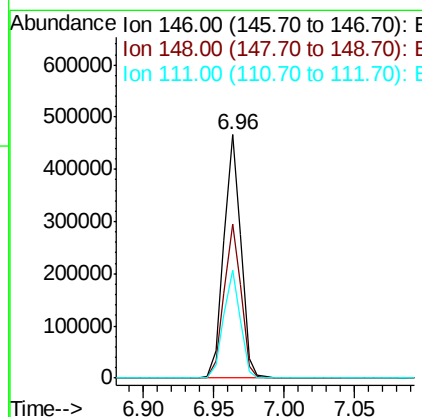
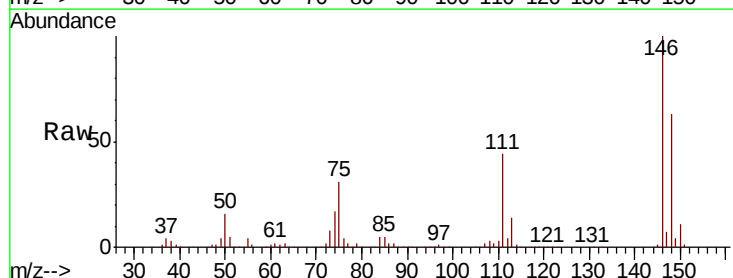
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion:146 Resp: 409814
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.5 75.7
 111 42.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 41.046 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:146 Resp: 391647
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 44.1 35.4 53.0

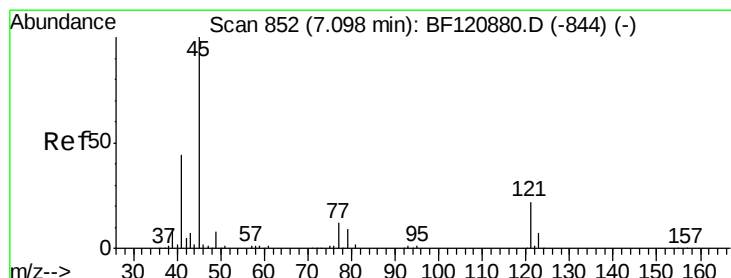
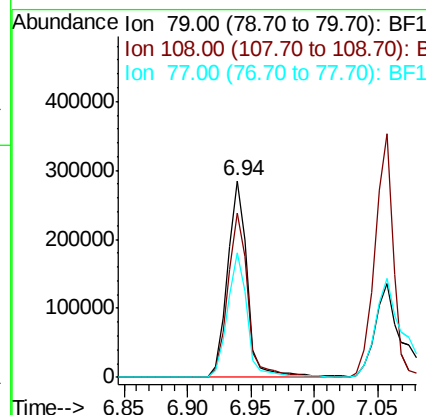
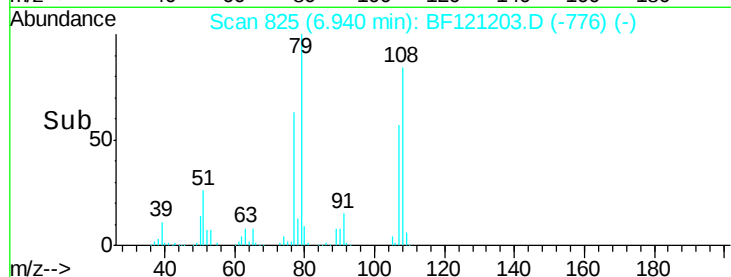
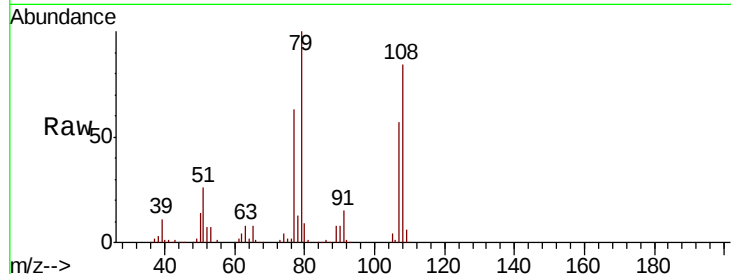




#15
Benzyl Alcohol
Concen: 40.041 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

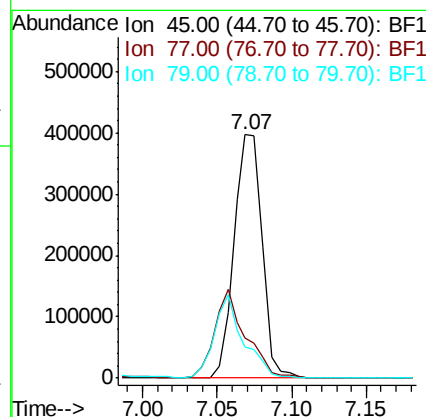
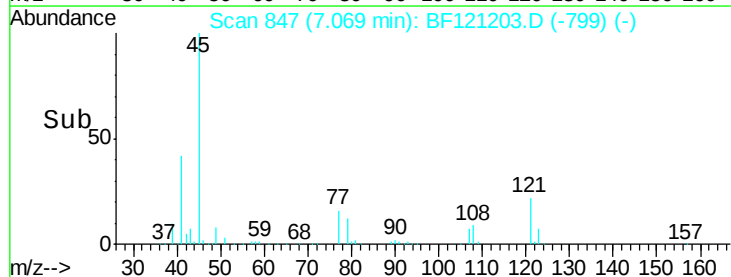
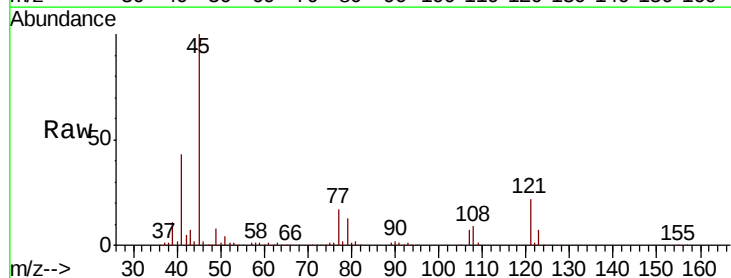
Instrument :
BNA_F
ClientSampleId :
PB130763BS

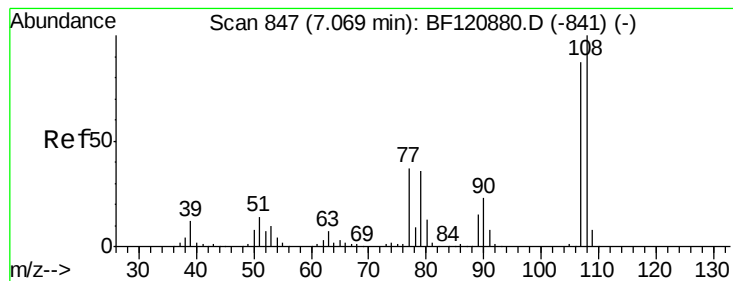
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	68.6	103.0
77	63.4	51.4	77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.198 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	34.7
79	13.0	0.0	32.0

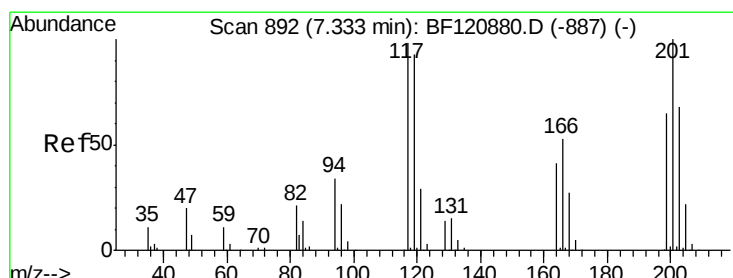
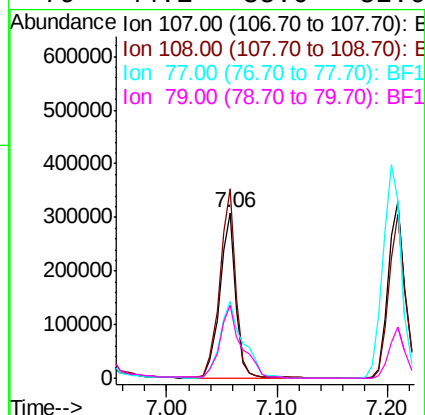
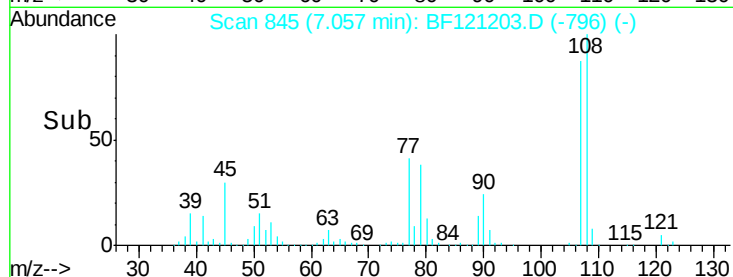
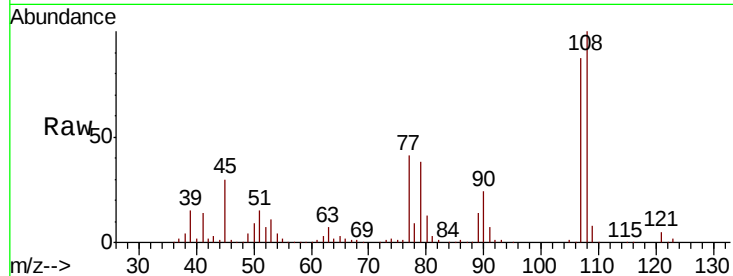




#17
2-Methylphenol
Concen: 37.158 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

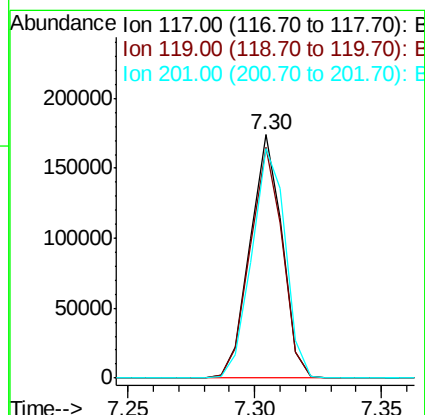
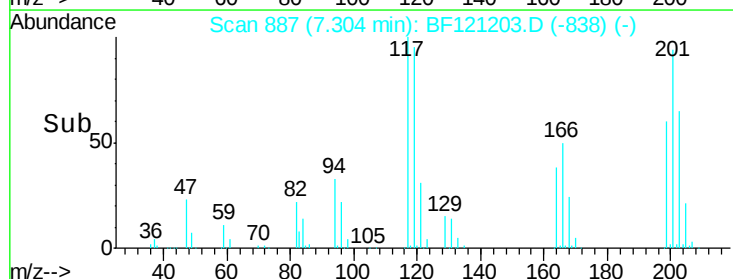
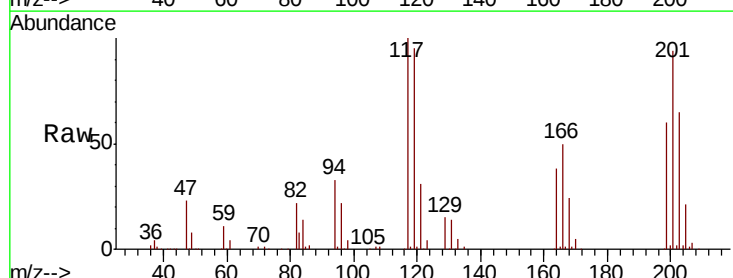
Instrument :
BNA_F
ClientSampleId :
PB130763BS

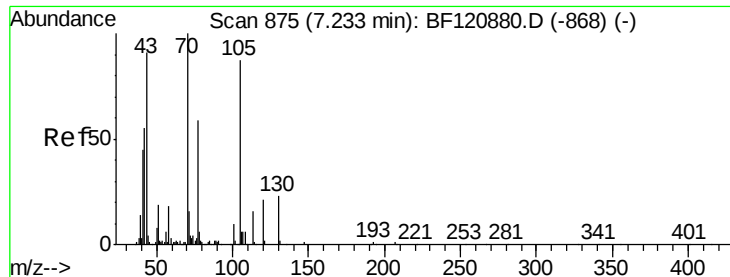
Tot Ion:	107	Resp:	308071
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.2	136.8
77	46.8	36.5	54.7
79	44.1	35.0	52.6



#18
Hexachloroethane
Concen: 41.733 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:	117	Resp:	152348
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	114.8
201	94.1	75.0	112.4

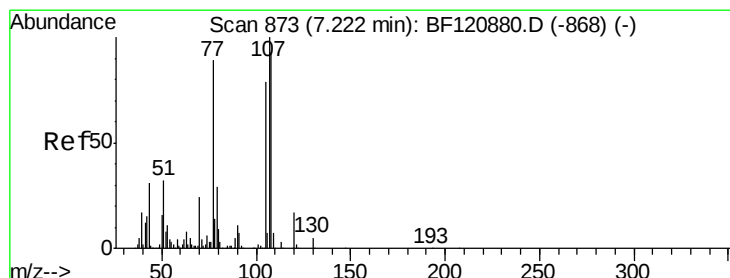
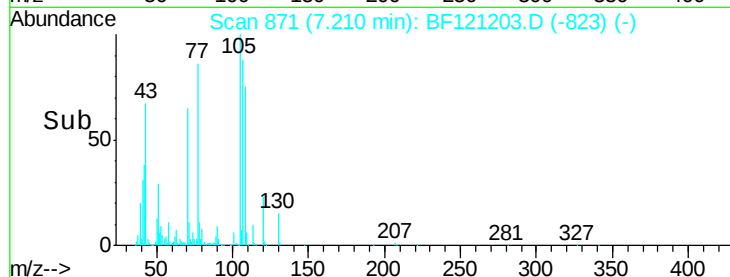
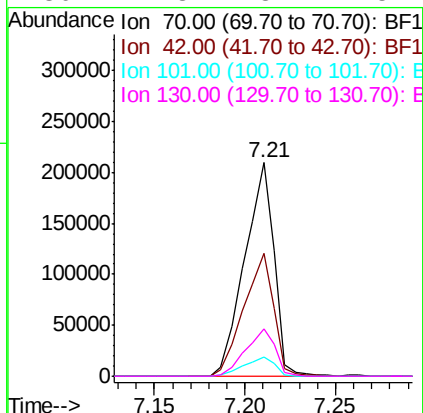
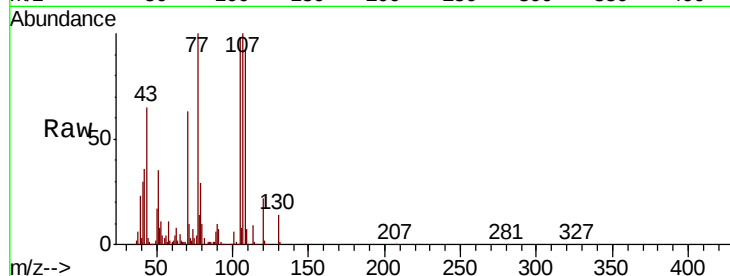




#19
n-Nitroso-di-n-propylamine
Concen: 37.879 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

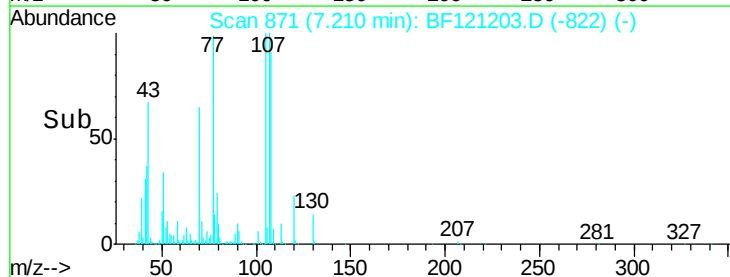
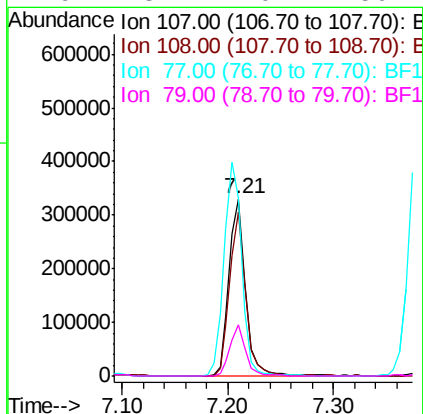
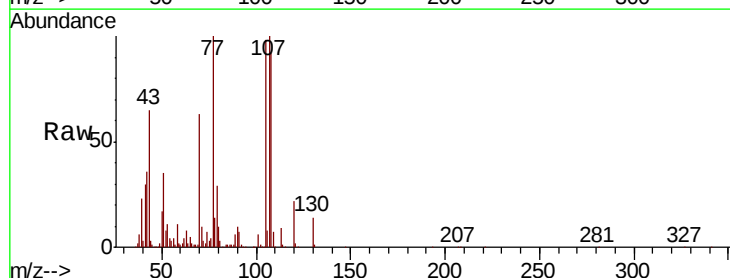
Instrument :
BNA_F
ClientSampleId :
PB130763BS

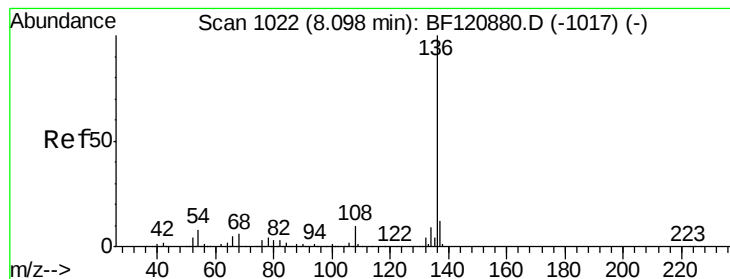
Tot Ion:	70	Resp:	236251
Ion	Ratio	Lower	Upper
70	100		
42	57.8	43.3	64.9
101	9.2	8.4	12.6
130	22.3	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.589 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:	107	Resp:	354253
Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.7	113.7
77	100.5	84.9	124.9
79	28.7	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

Tot Ion:136 Resp: 531554

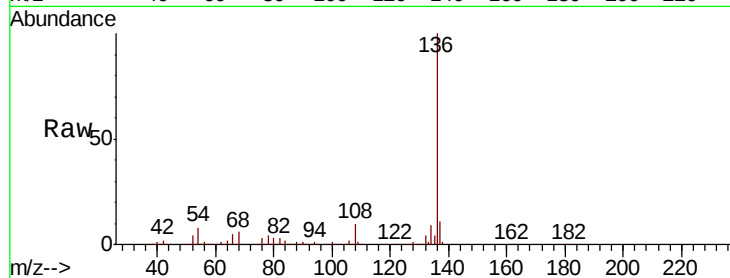
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.6 6.1 9.1

68 6.0 5.0 7.6

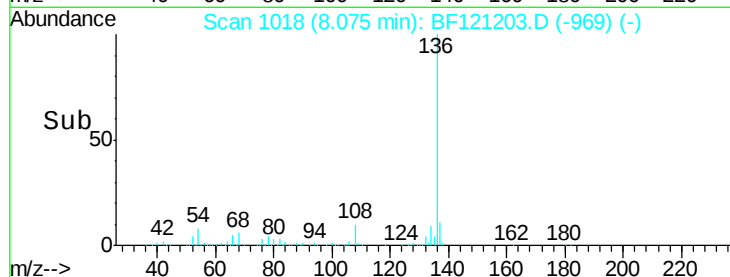


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

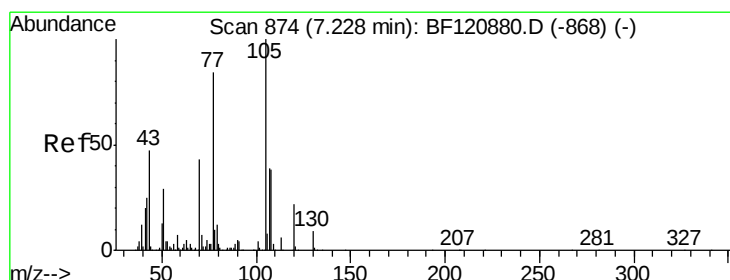
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.07



#22

Acetophenone

Concen: 41.180 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:105 Resp: 491264

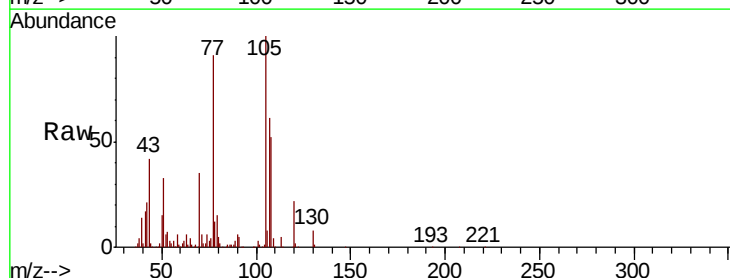
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.8#

51 33.4 28.0 42.0

120 22.3 17.8 26.6

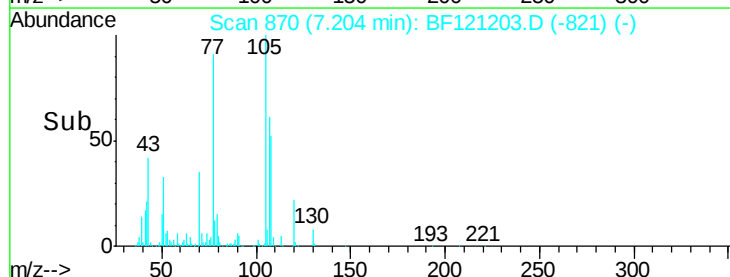


Abundance Ion 105.00 (104.70 to 105.70): E

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



Time-->

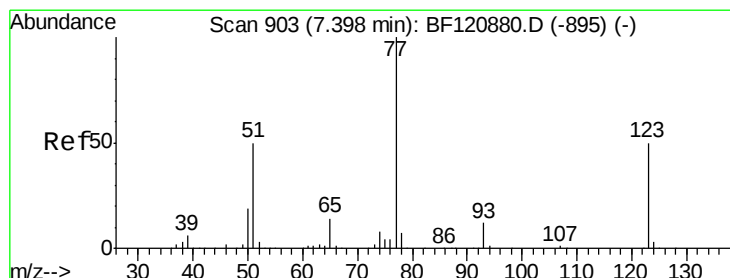
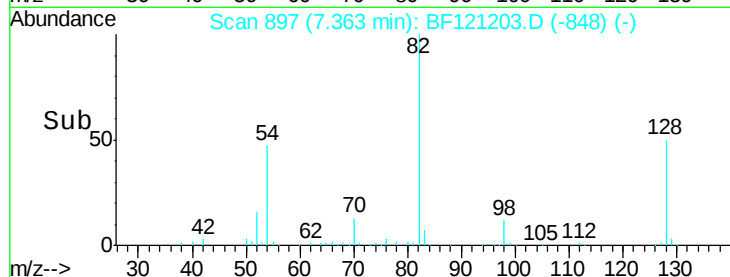
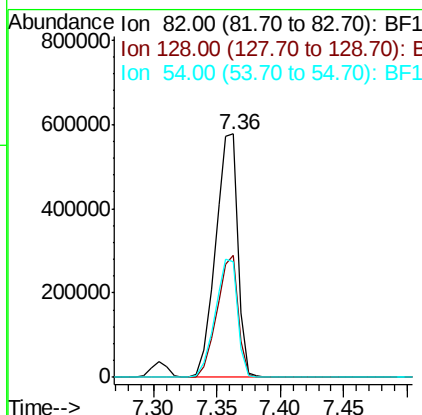
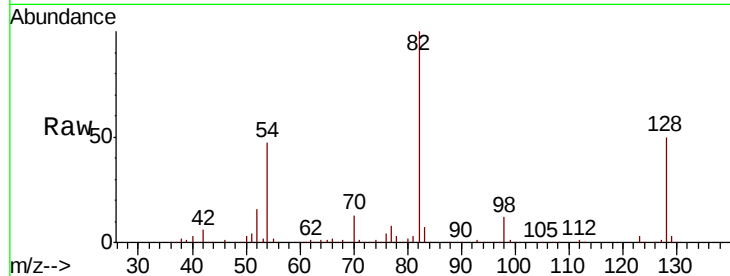
7.20



#23
Nitrobenzene-d5
Concen: 77.353 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

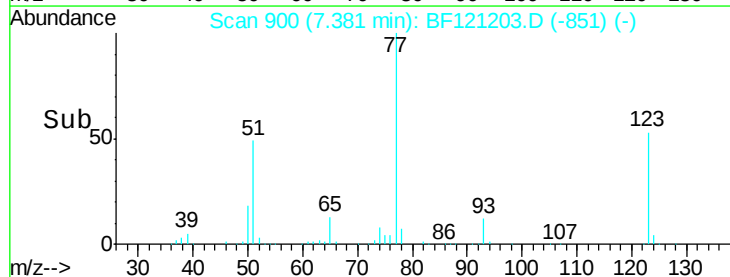
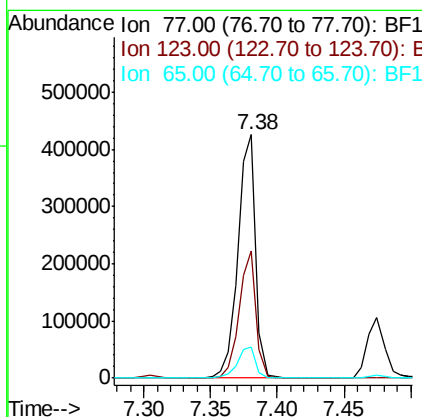
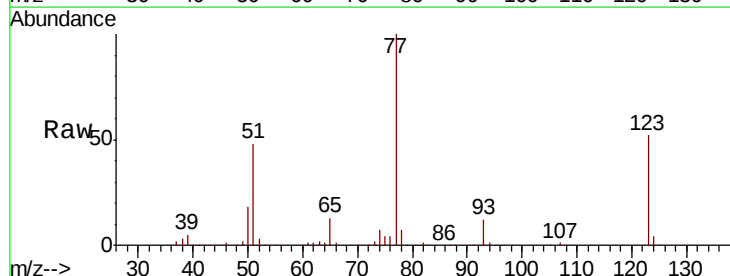
Instrument :
BNA_F
ClientSampleId :
PB130763BS

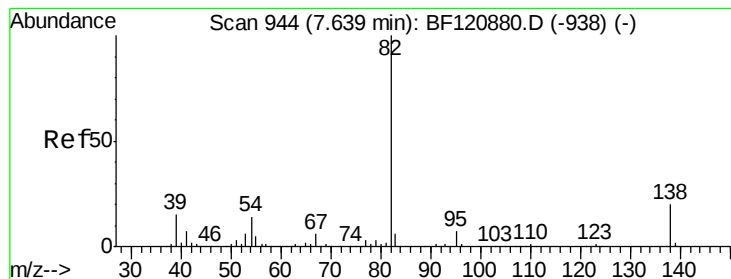
Tot Ion	82	Resp	710593
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	50.0		
54	47.4		



#24
Nitrobenzene
Concen: 39.669 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	77	Resp	392766
Ion Ratio	100		
Lower	41.0		
Upper	61.6		
123	52.5		
65	13.0		





#25

Isophorone

Concen: 38.623 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

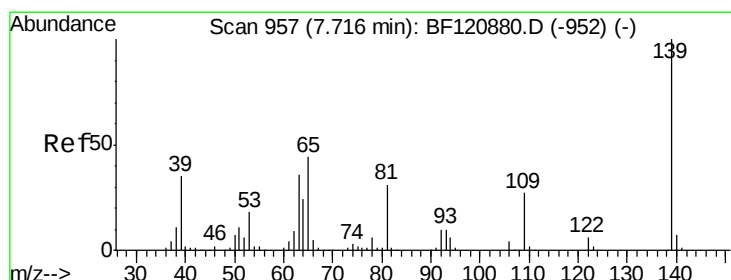
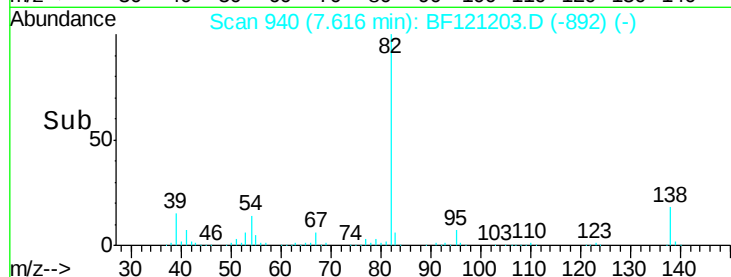
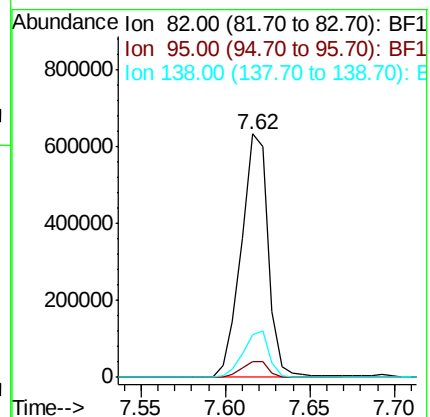
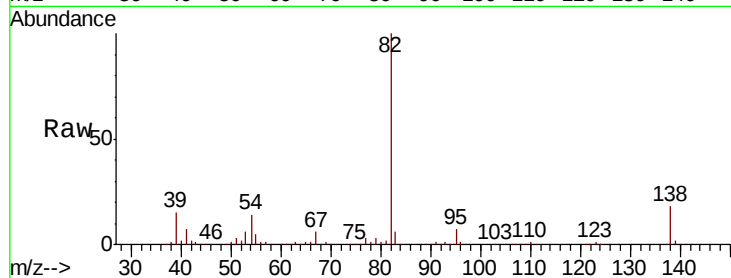
Tot Ion: 82 Resp: 708107

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.8 16.2 24.2



#26

2-Nitrophenol

Concen: 44.814 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

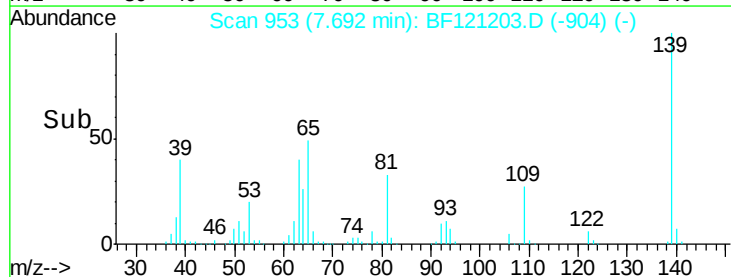
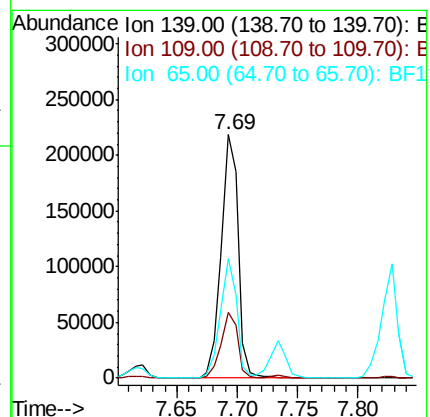
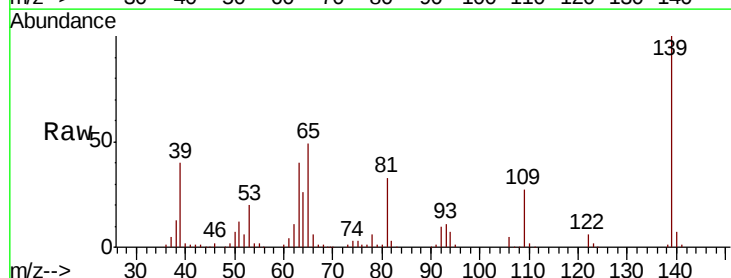
Tgt Ion: 139 Resp: 210732

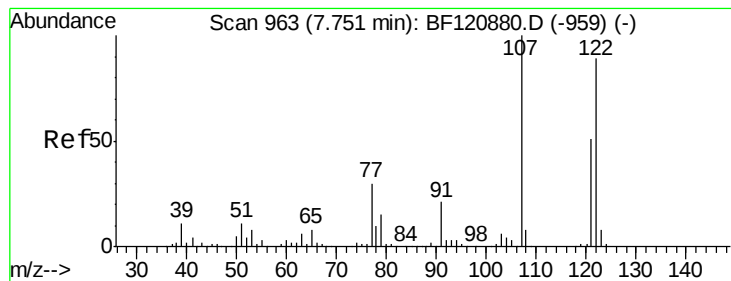
Ion Ratio Lower Upper

139 100

109 27.2 21.7 32.5

65 49.2 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 43.329 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

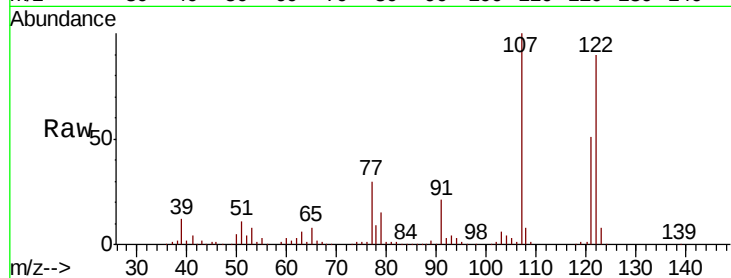
Tot Ion:122 Resp: 330810

Ion Ratio Lower Upper

122 100

107 110.9 87.1 130.7

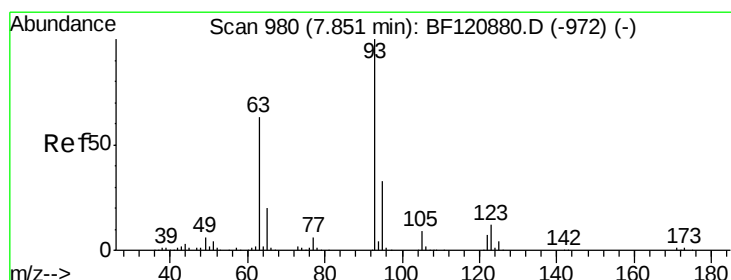
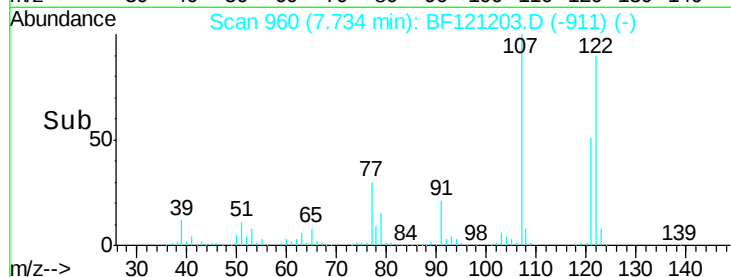
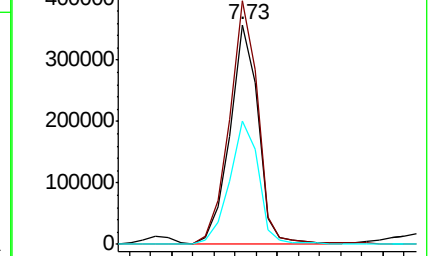
121 56.1 45.5 68.3



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: 41.021 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

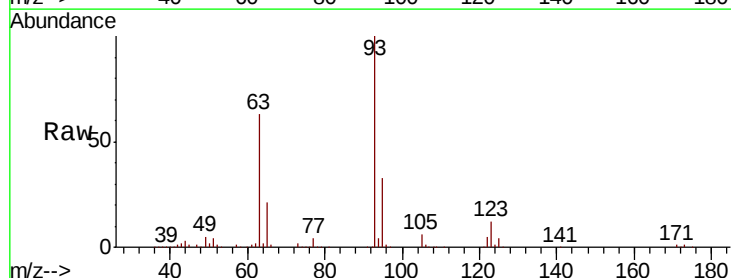
Tgt Ion: 93 Resp: 459090

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

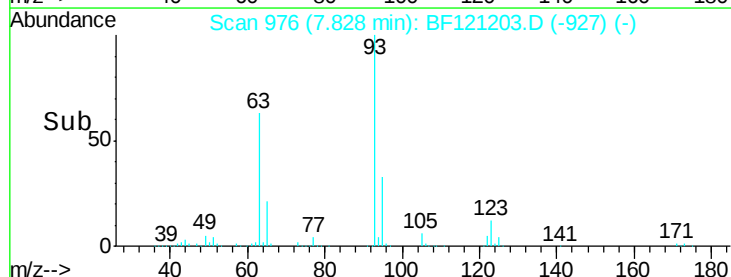
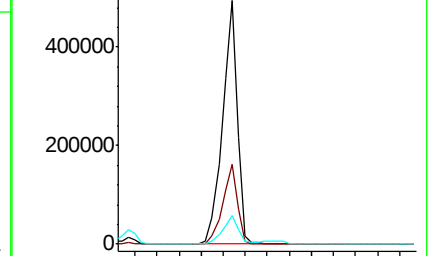
123 11.8 9.5 14.3



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

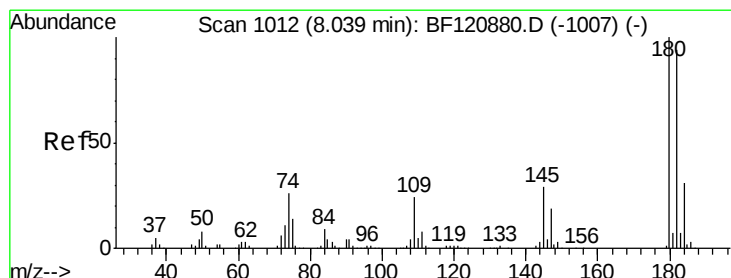
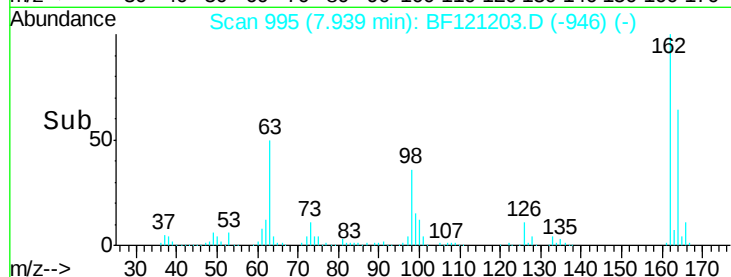
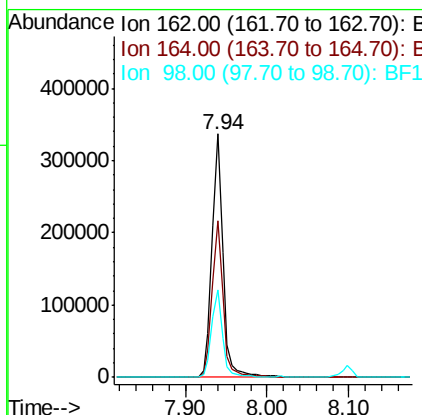
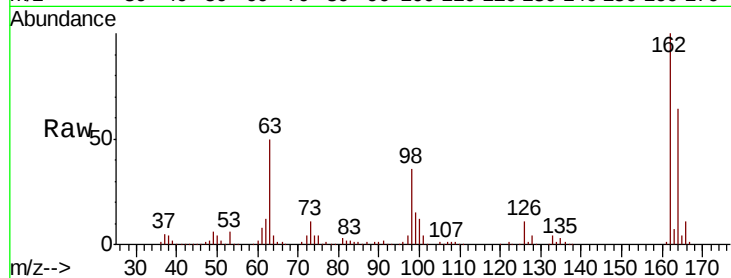




#29
 2,4-Dichlorophenol
 Concen: 40.580 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

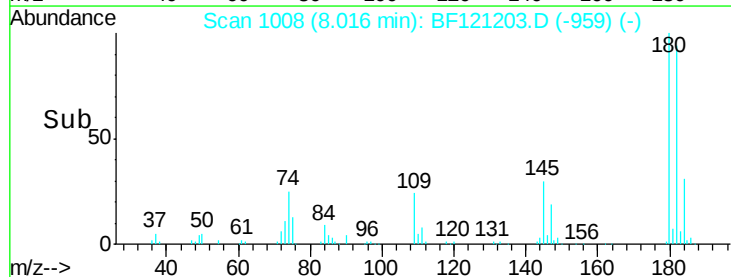
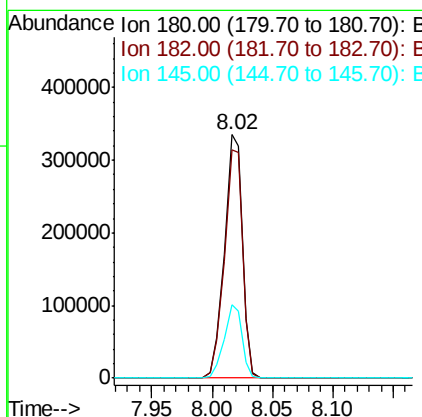
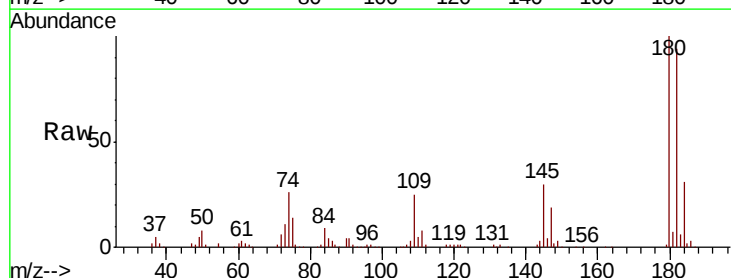
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

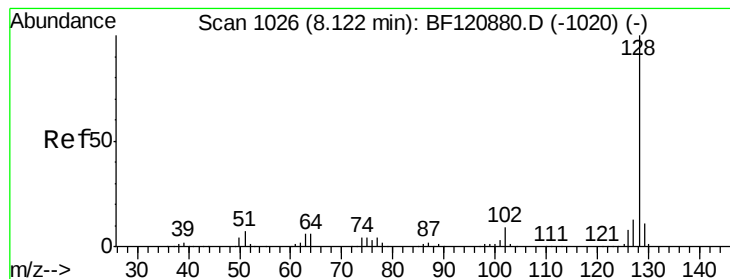
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	35.9	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.127 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.4	114.6
145	29.9	24.2	36.4





#31

Naphthalene

Concen: 39.661 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

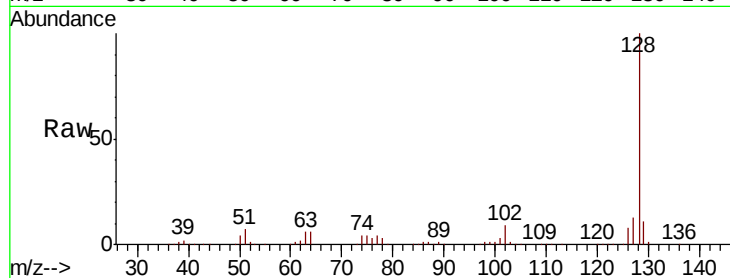
Tot Ion:128 Resp: 1081393

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 10.8 16.2

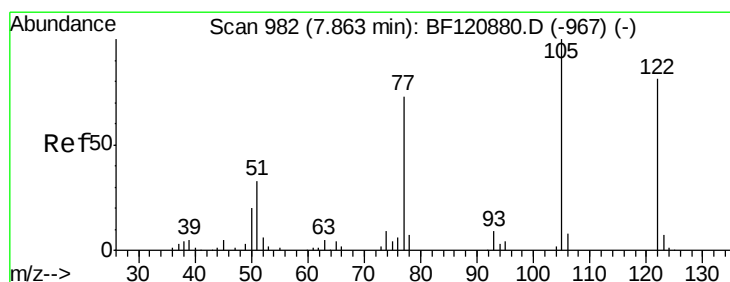
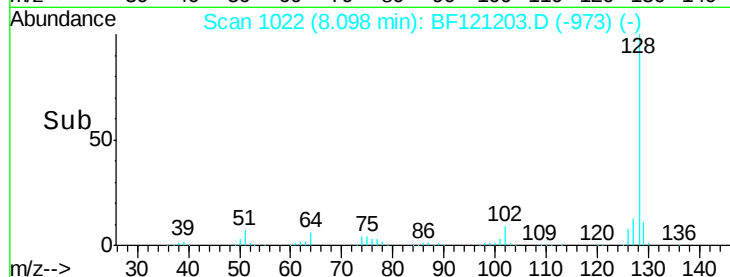
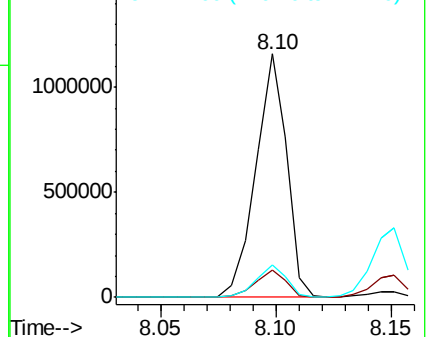


Abundance

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: 34.944 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

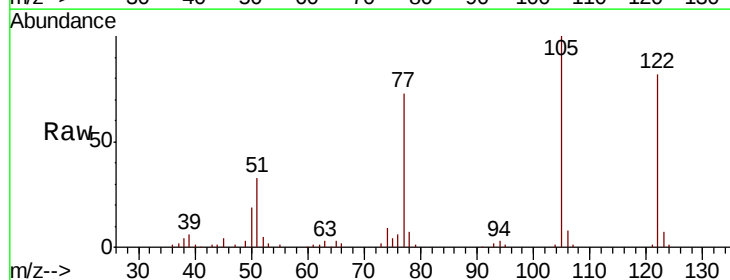
Tgt Ion:122 Resp: 200268

Ion Ratio Lower Upper

122 100

105 121.5 100.9 140.9

77 89.1 67.8 107.8

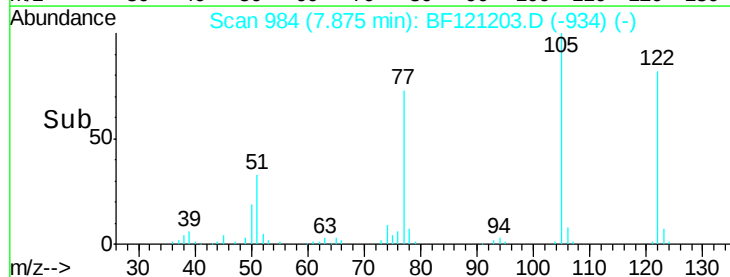
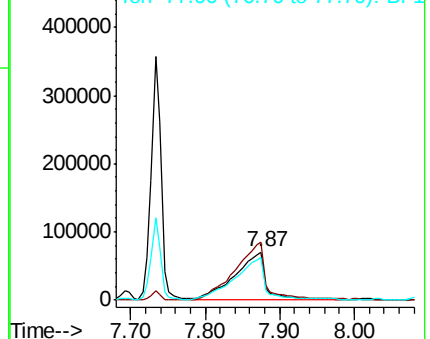


Abundance

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

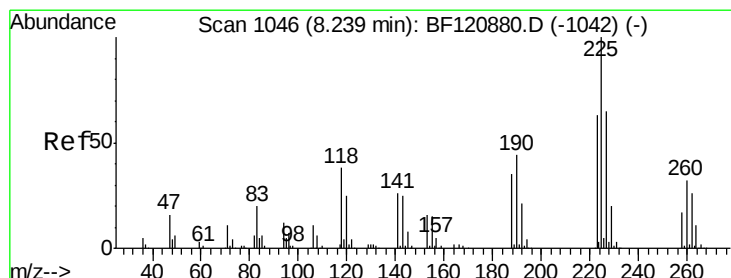
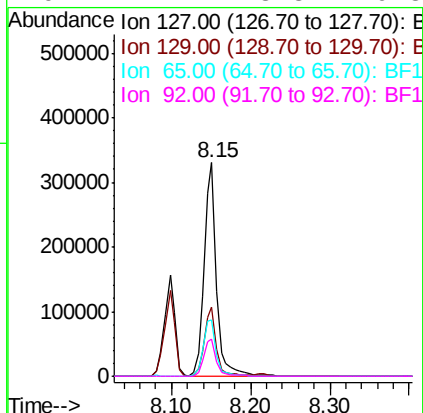
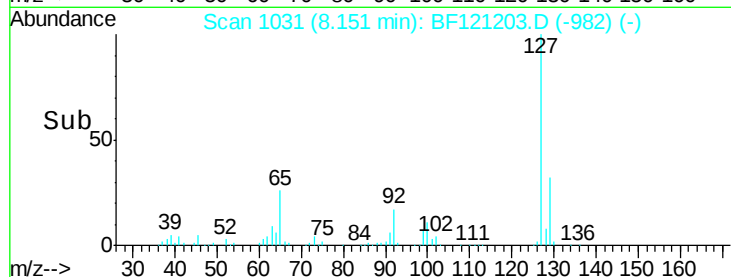
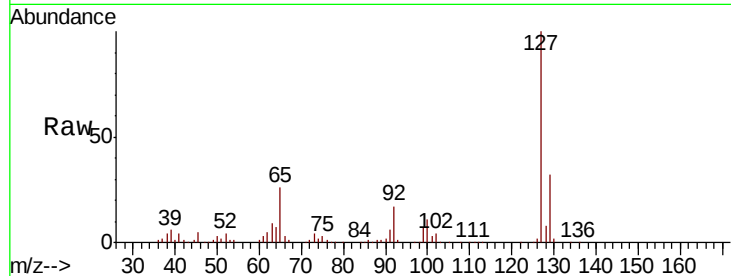




#33
4-Chloroaniline
Concen: 29.439 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

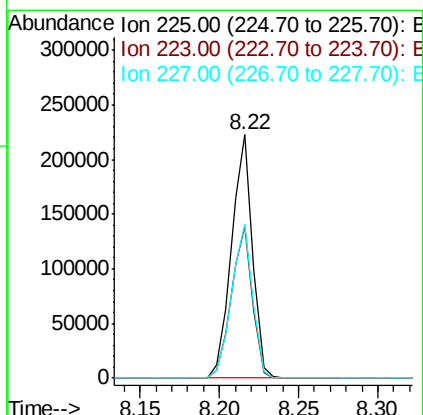
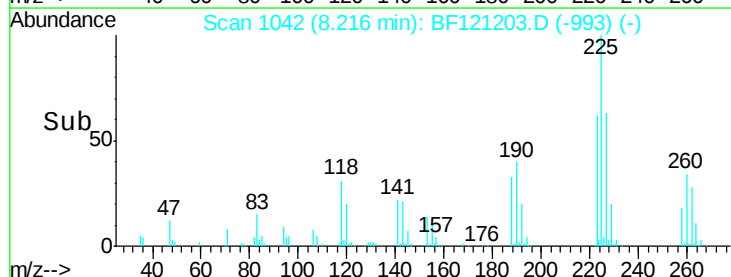
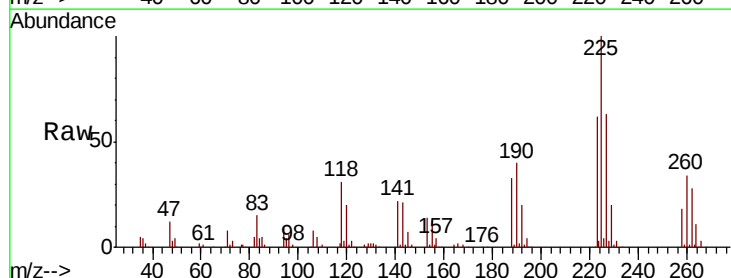
Instrument :
BNA_F
ClientSampleId :
PB130763BS

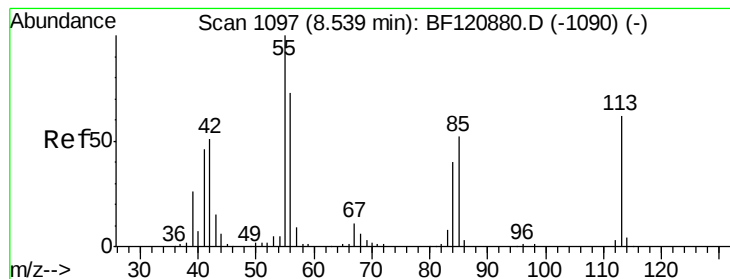
Tot Ion:	127	Resp:	358076
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	26.4	21.4	32.0
92	17.4	13.8	20.8



#34
Hexachlorobutadiene
Concen: 39.761 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:	225	Resp:	202886
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.4	51.4	77.0





#35

Caprolactam

Concen: 39.445 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

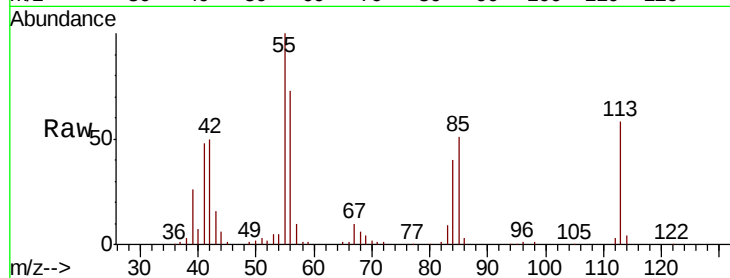
Tot Ion:113 Resp: 98686

Ion Ratio Lower Upper

113 100

55 171.2 131.0 171.0#

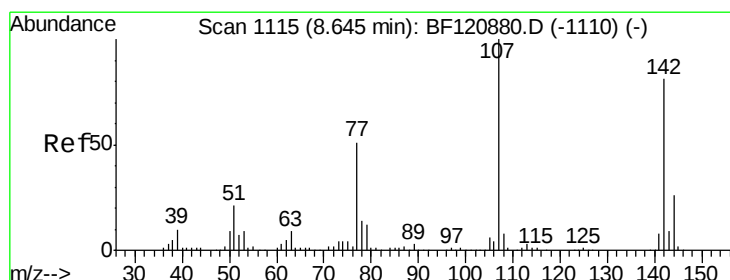
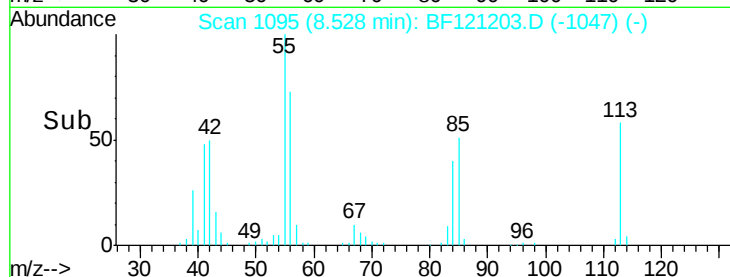
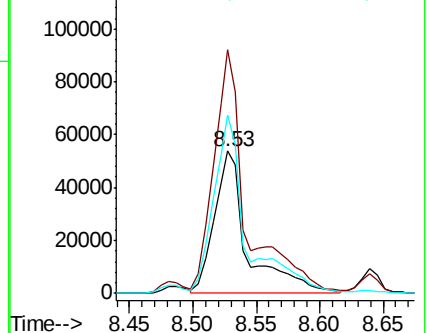
56 125.3 90.4 130.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.342 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

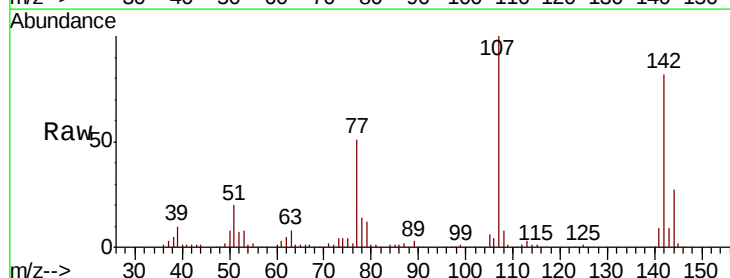
Tgt Ion:107 Resp: 322793

Ion Ratio Lower Upper

107 100

144 26.6 20.9 31.3

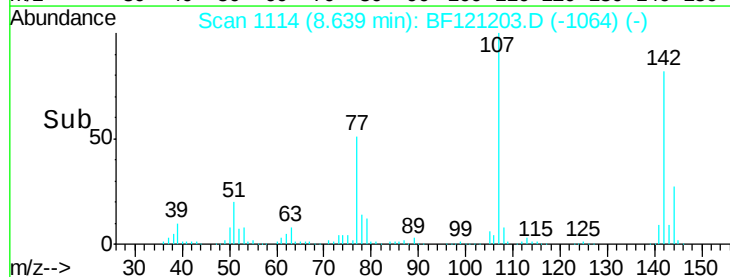
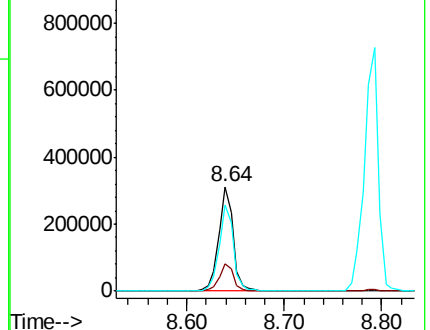
142 82.1 64.5 96.7

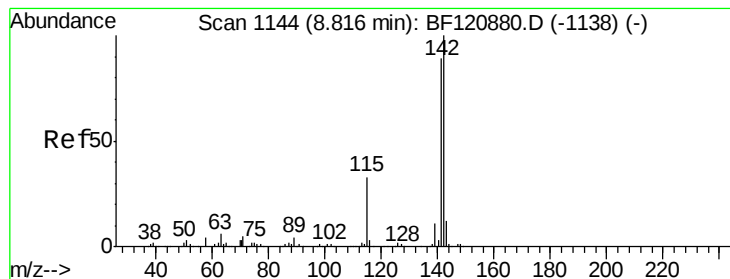


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.992 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

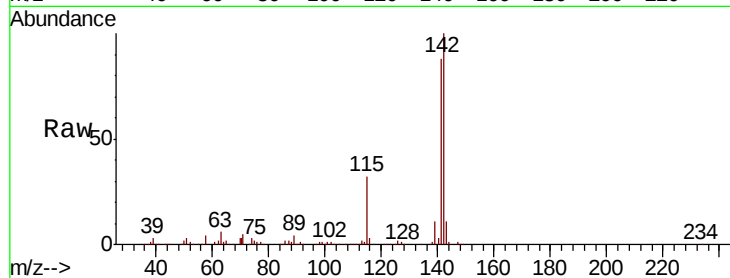
Tot Ion:142 Resp: 725723

Ion Ratio Lower Upper

142 100

141 87.8 70.6 105.8

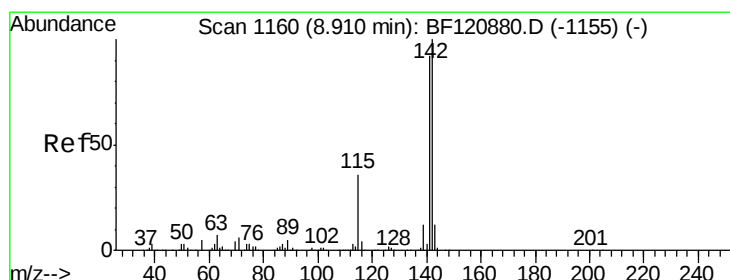
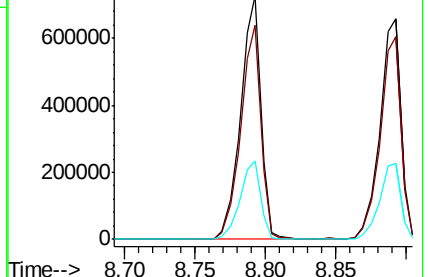
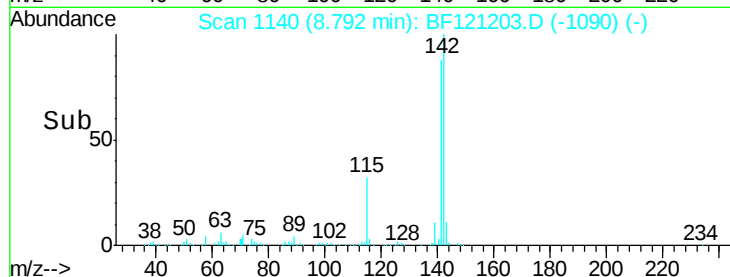
115 32.3 27.1 40.7



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: 40.493 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

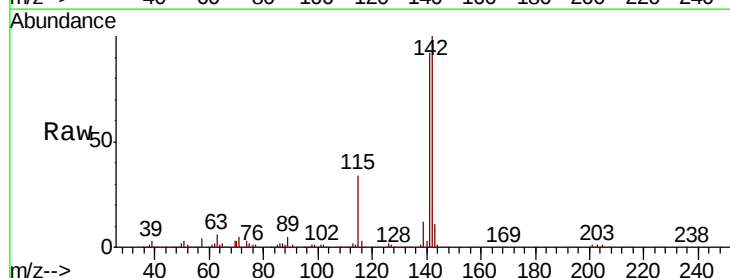
Tgt Ion:142 Resp: 678961

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.6

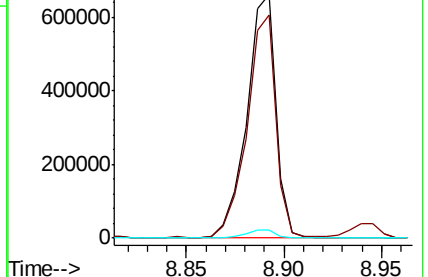
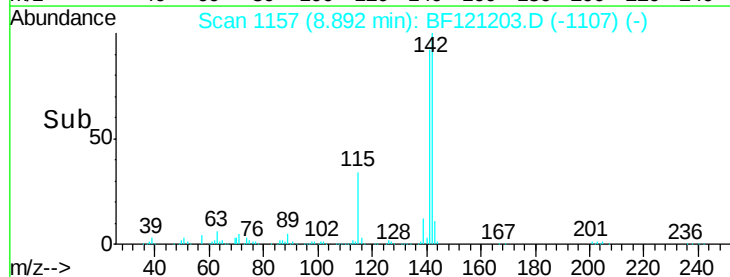
116 3.4 3.0 4.6

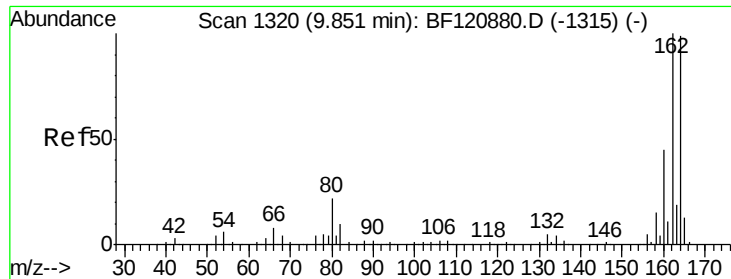


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

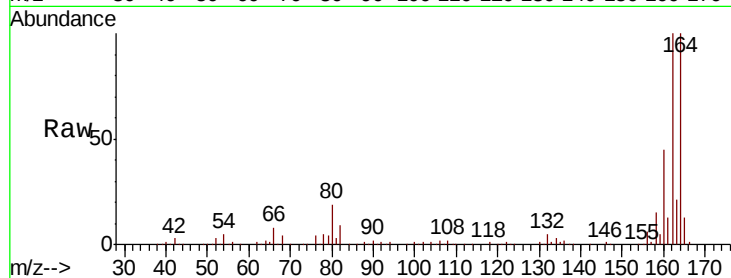
Tot Ion:164 Resp: 266578

Ion Ratio Lower Upper

164 100

162 99.6 82.2 123.2

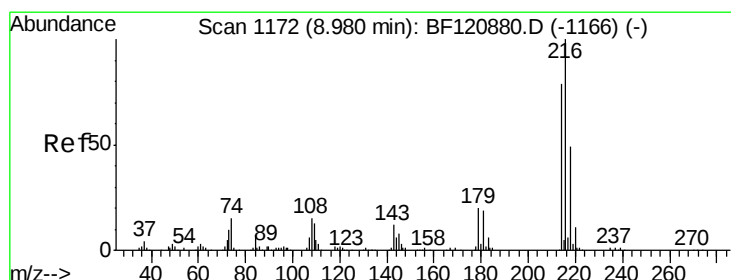
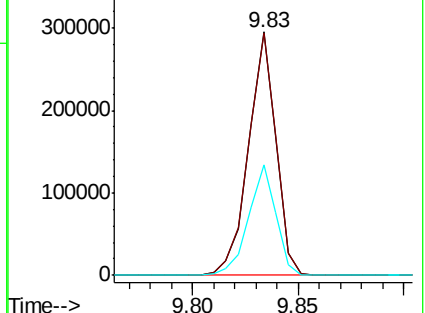
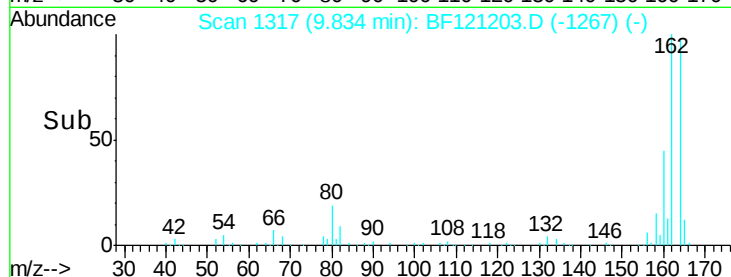
160 45.2 37.2 55.8



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: 43.165 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:216 Resp: 335257

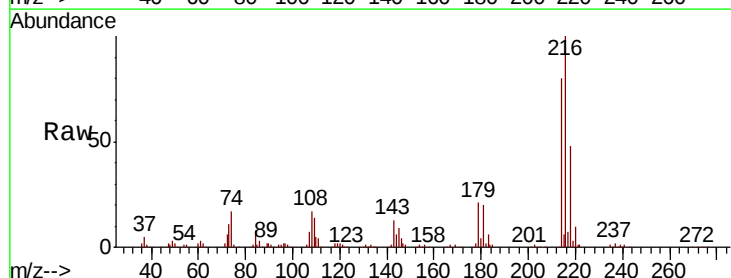
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 20.4 16.6 24.8

108 19.7 15.0 22.4

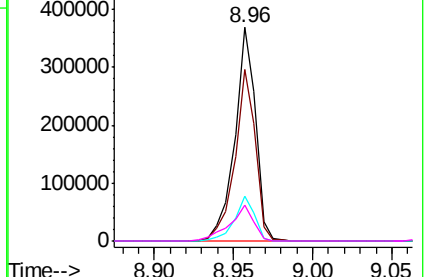
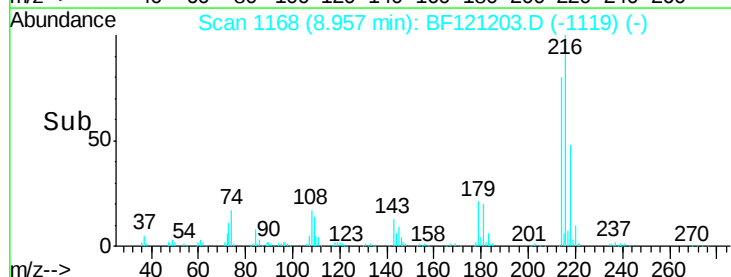


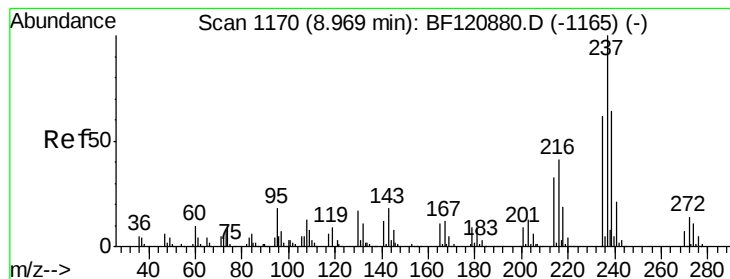
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.568 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

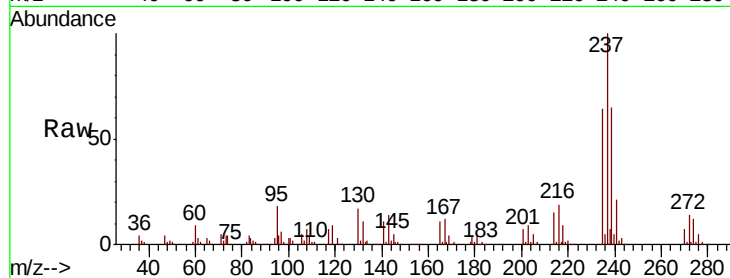
Tot Ion:237 Resp: 341555

Ion Ratio Lower Upper

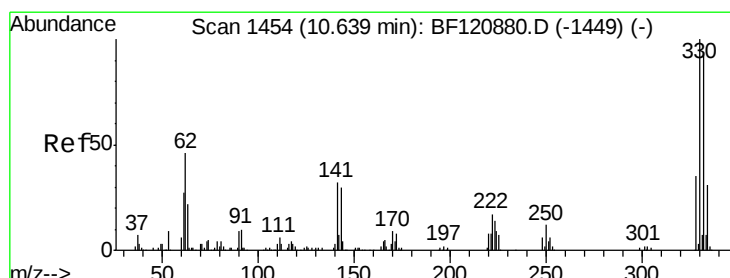
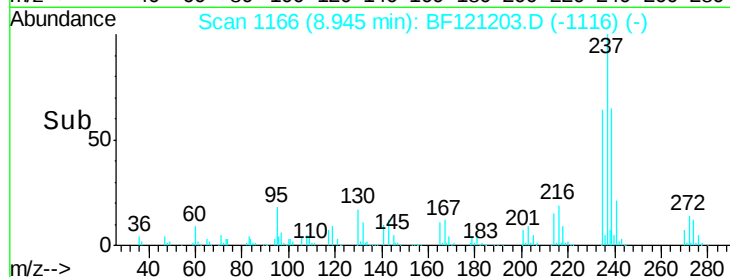
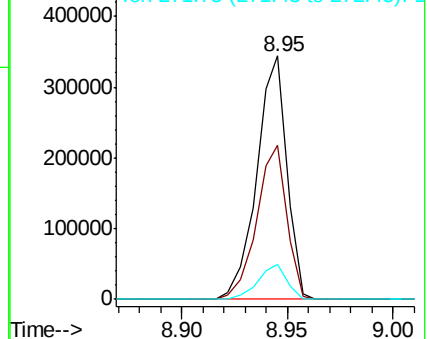
237 100

235 63.5 43.2 83.2

272 14.3 0.0 33.6



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: 104.246 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

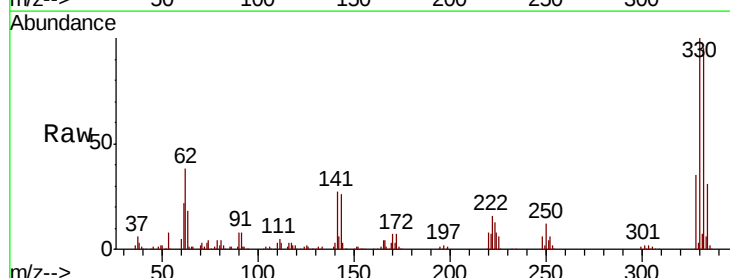
Tgt Ion:330 Resp: 304185

Ion Ratio Lower Upper

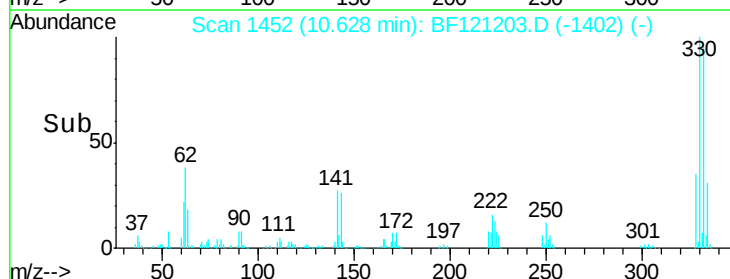
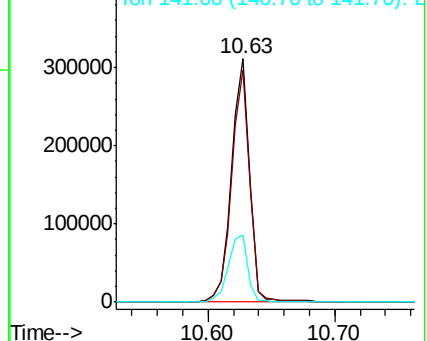
330 100

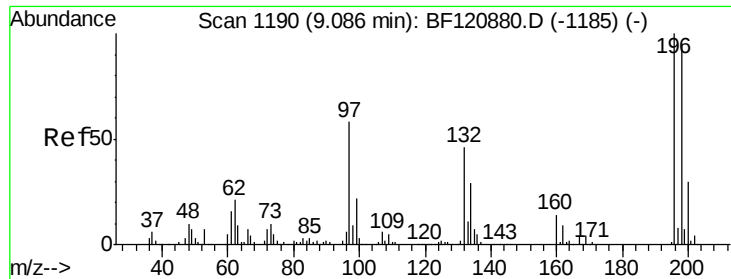
332 95.7 76.1 114.1

141 29.9 24.1 36.1



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

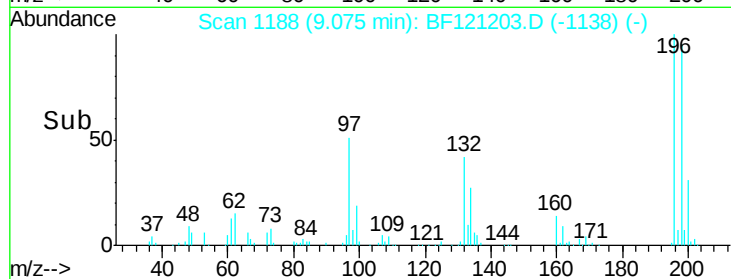
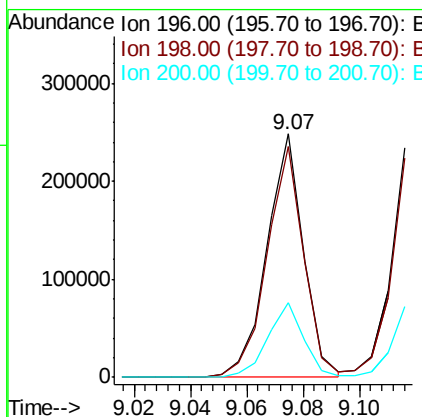
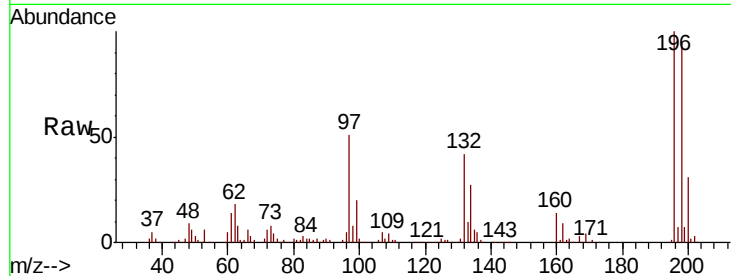




#43
 2,4,6-Trichlorophenol
 Concen: 40.767 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

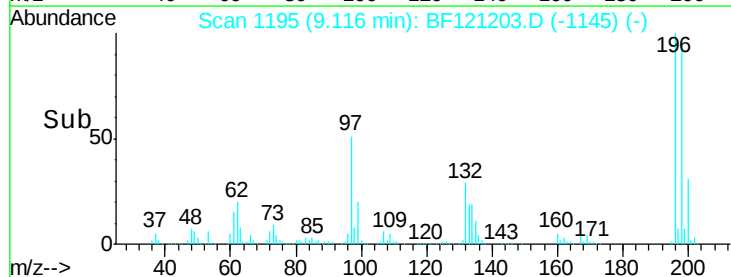
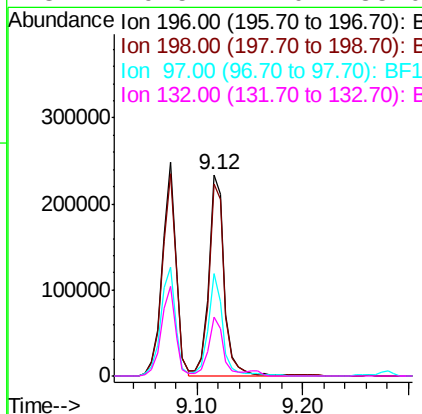
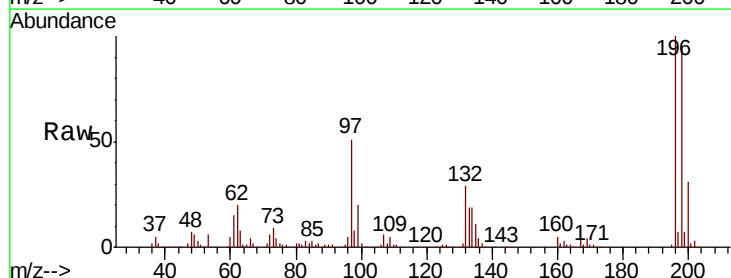
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

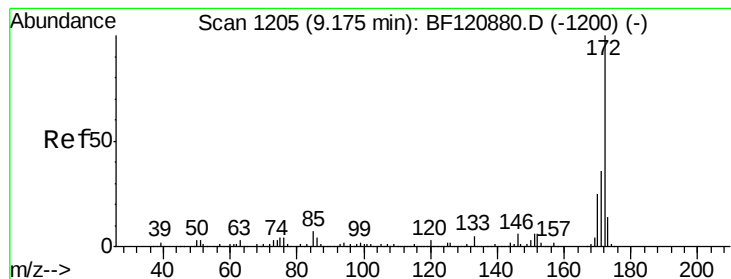
Tot Ion:196	Resp:	222938
Ion	Ratio	Lower Upper
196	100	
198	94.9	77.5 116.3
200	30.7	24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.767 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:196	Resp:	240483
Ion	Ratio	Lower Upper
196	100	
198	95.5	76.2 114.4
97	50.9	37.3 55.9
132	29.5	22.0 33.0





#45

2-Fluorobiphenyl

Concen: 71.764 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

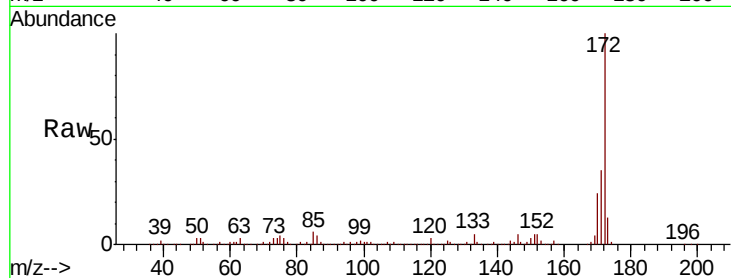
Tot Ion:172 Resp: 1281315

Ion Ratio Lower Upper

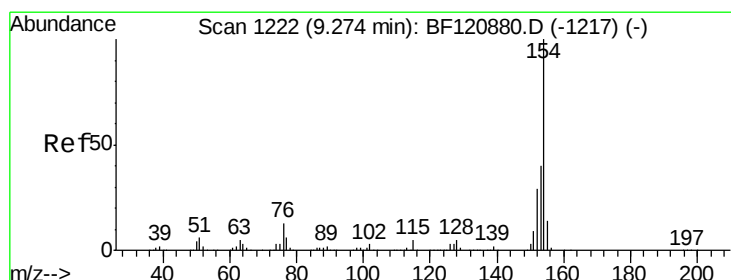
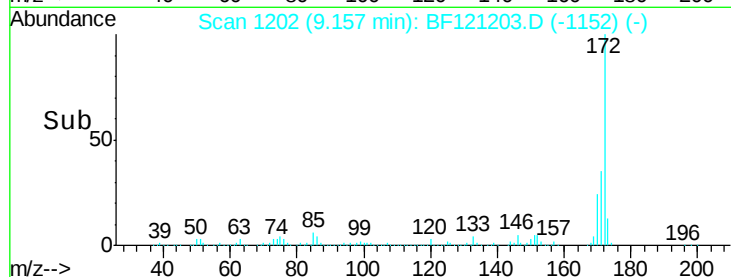
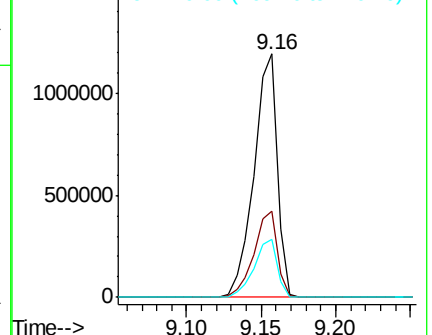
172 100

171 35.3 29.0 43.4

170 23.9 19.6 29.4



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



#46

1,1'-Biphenyl

Concen: 42.546 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

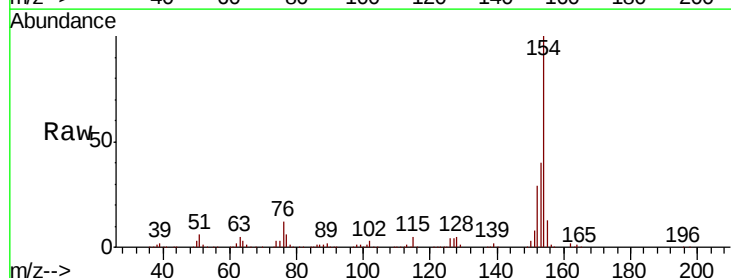
Tgt Ion:154 Resp: 865153

Ion Ratio Lower Upper

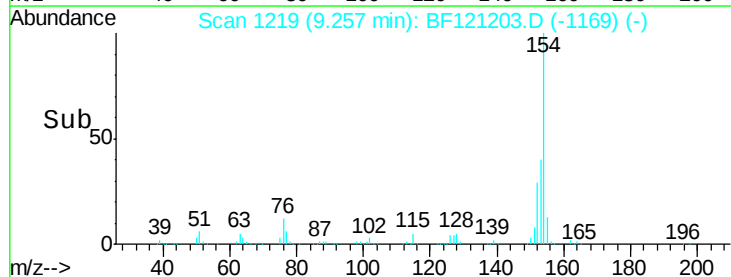
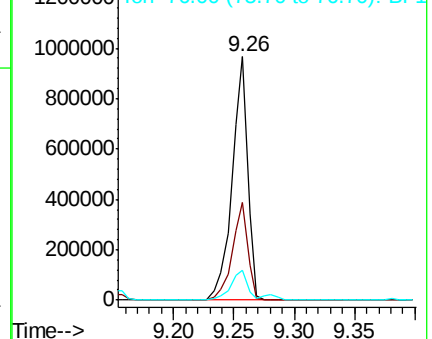
154 100

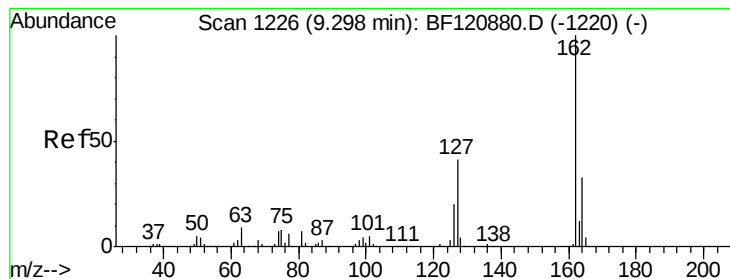
153 40.2 20.6 60.6

76 12.5 0.0 33.4



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: 40.096 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

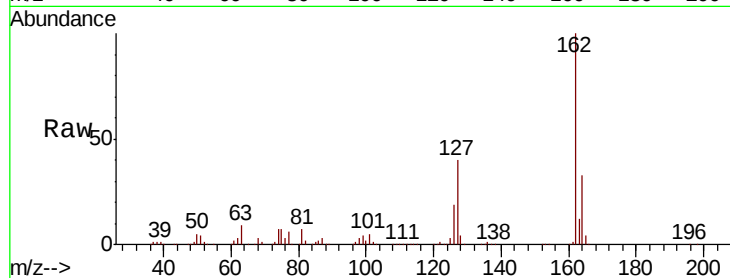
Tot Ion:162 Resp: 664752

Ion Ratio Lower Upper

162 100

127 40.3 31.1 46.7

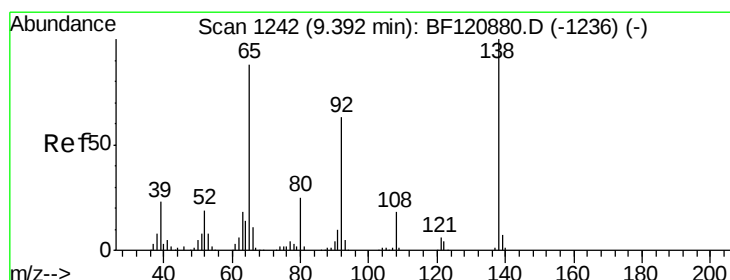
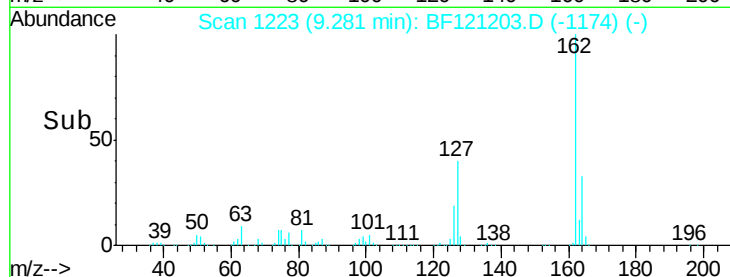
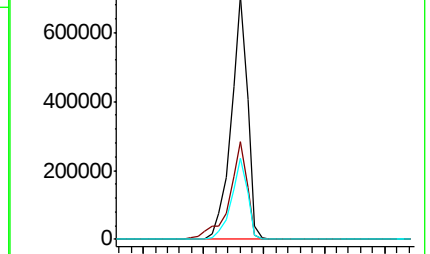
164 33.4 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.623 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

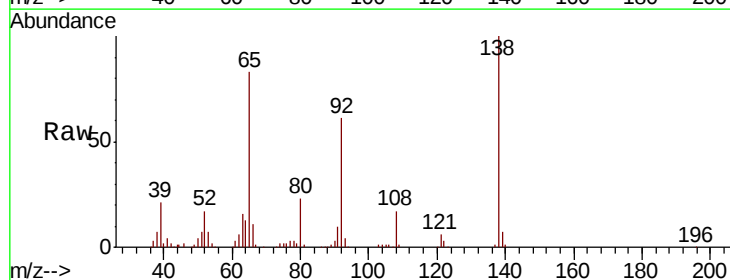
Tgt Ion: 65 Resp: 203528

Ion Ratio Lower Upper

65 100

92 73.6 58.0 87.0

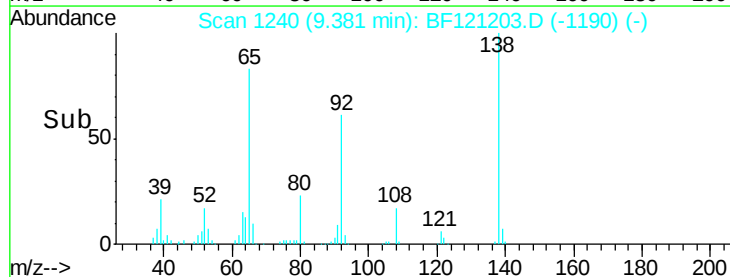
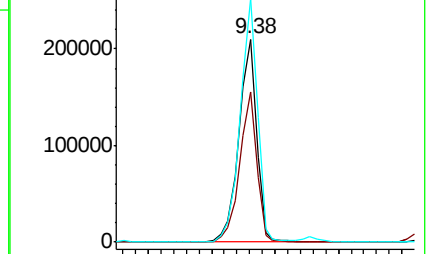
138 119.9 93.3 139.9

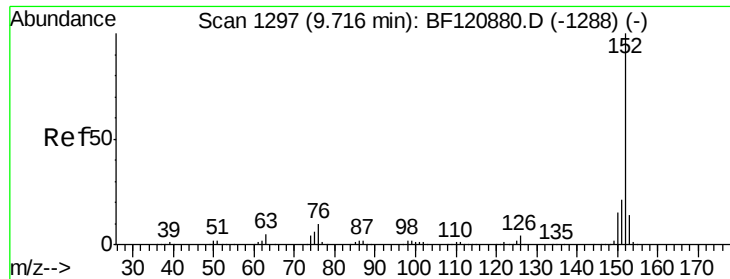


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#49

Acenaphthylene

Concen: 41.044 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

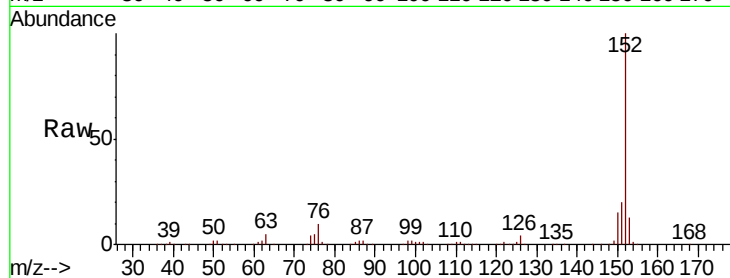
Tot Ion:152 Resp: 1057112

Ion Ratio Lower Upper

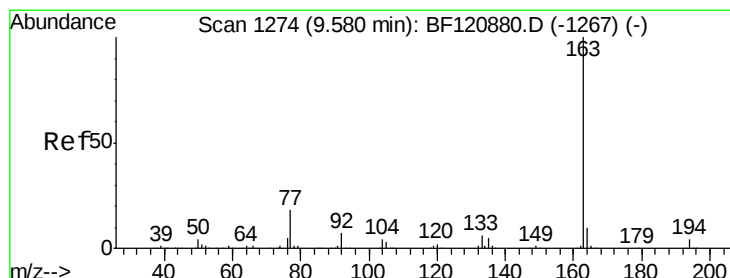
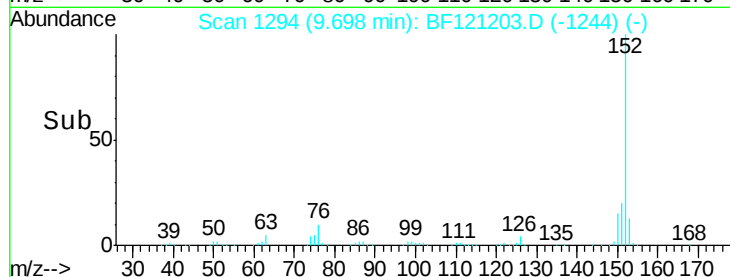
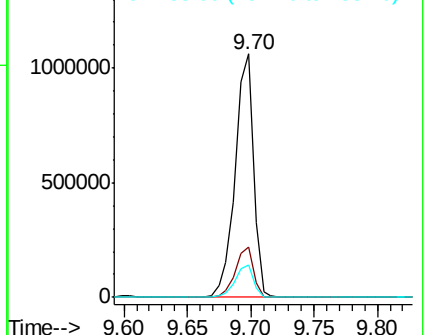
152 100

151 20.5 16.6 25.0

153 13.2 11.0 16.4



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: 40.869 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

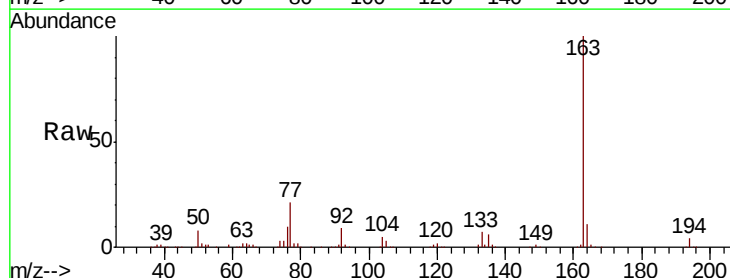
Tgt Ion:163 Resp: 785985

Ion Ratio Lower Upper

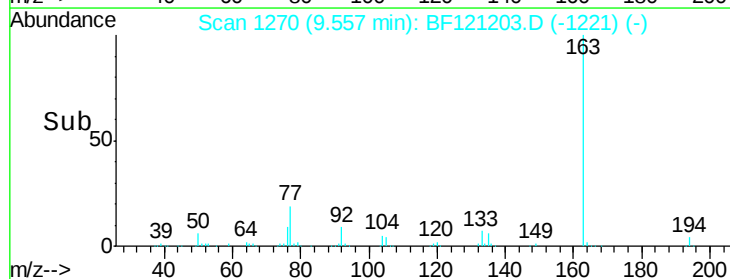
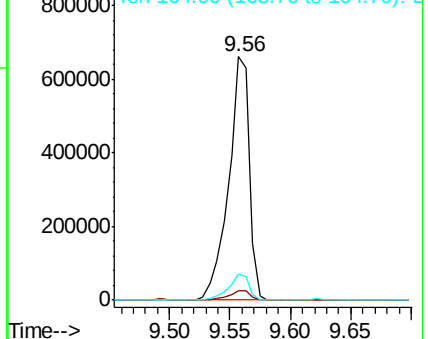
163 100

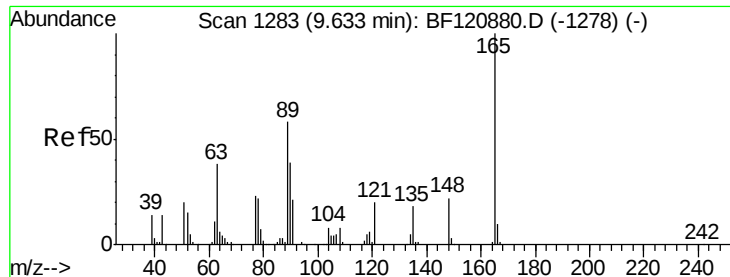
194 3.8 3.0 4.4

164 10.6 8.4 12.6



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

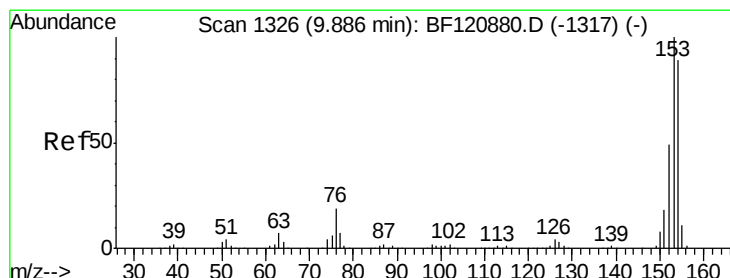
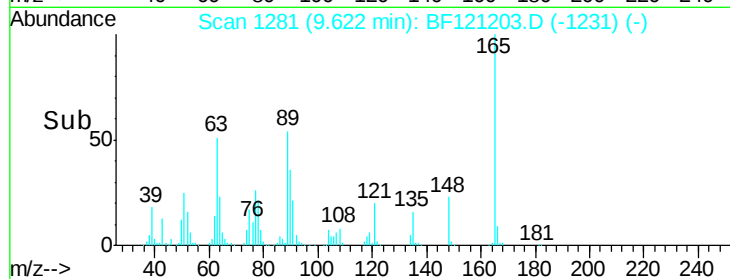
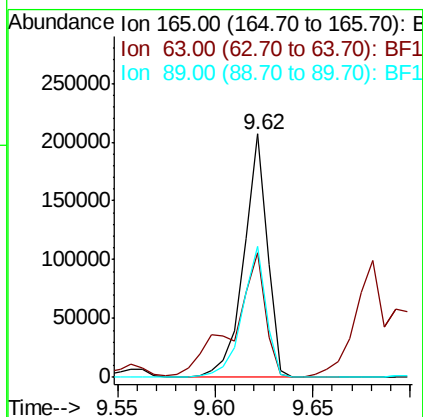
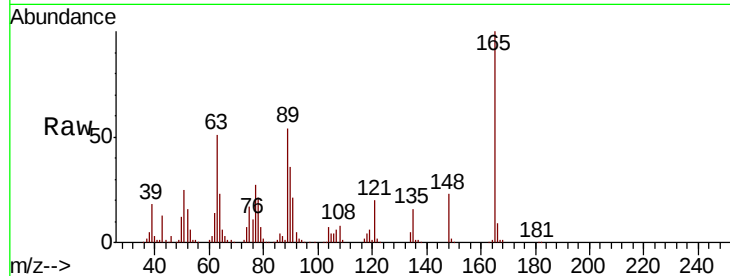




#51
 2,6-Dinitrotoluene
 Concen: 41.851 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

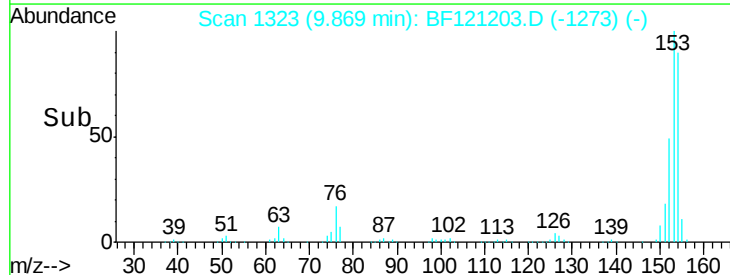
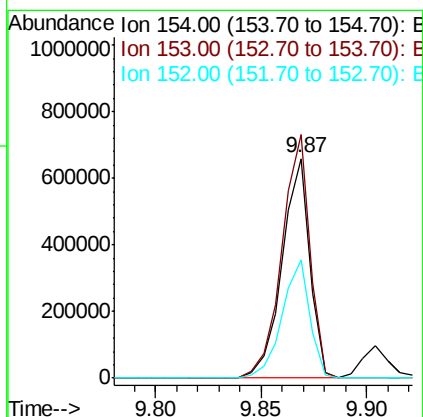
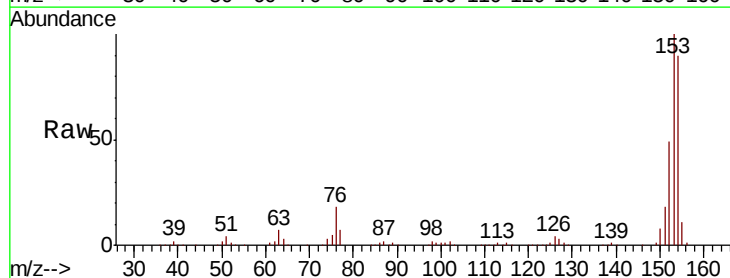
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

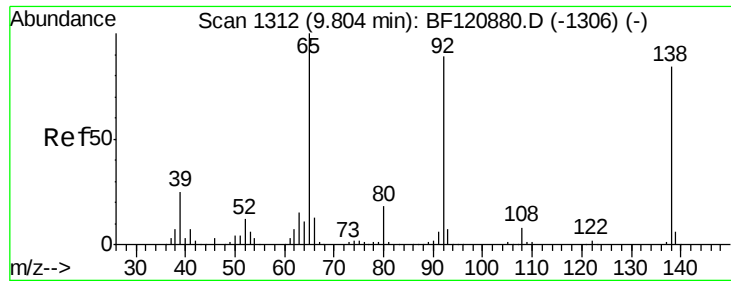
Tot Ion:165 Resp: 172921
 Ion Ratio Lower Upper
 165 100
 63 51.2 41.1 61.7
 89 54.0 43.5 65.3



#52
 Acenaphthene
 Concen: 37.119 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:154 Resp: 607809
 Ion Ratio Lower Upper
 154 100
 153 110.9 89.6 134.4
 152 54.0 43.8 65.6

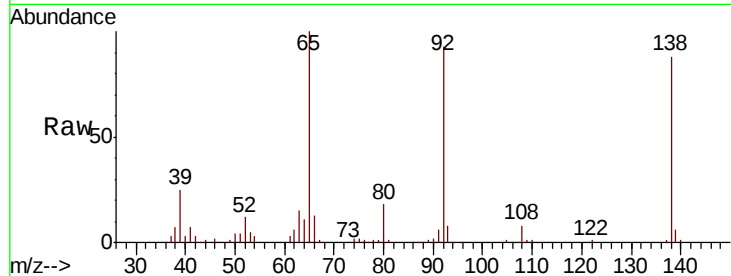




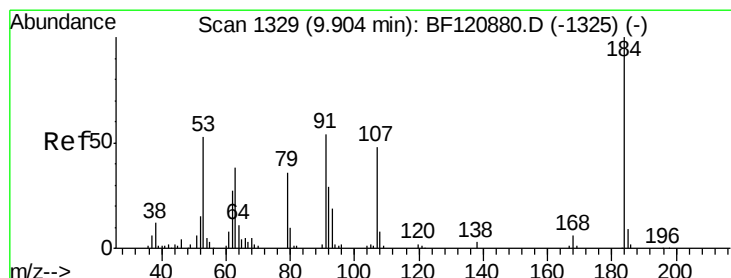
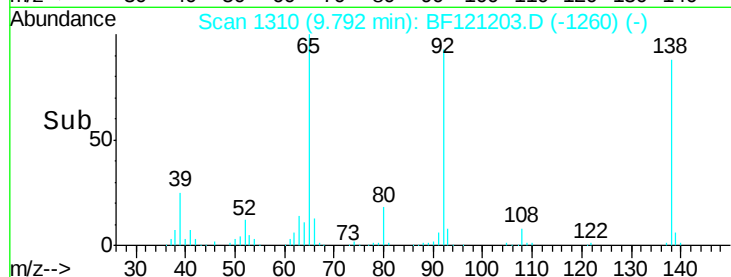
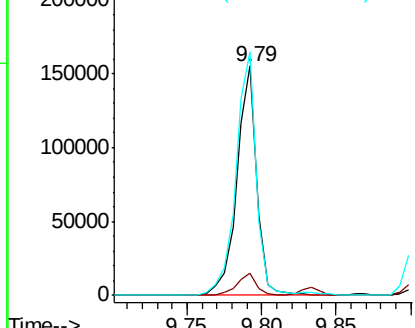
#53
 3-Nitroaniline
 Concen: 27.950 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion:138 Resp: 144836
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.8
 92 106.1 85.0 127.4

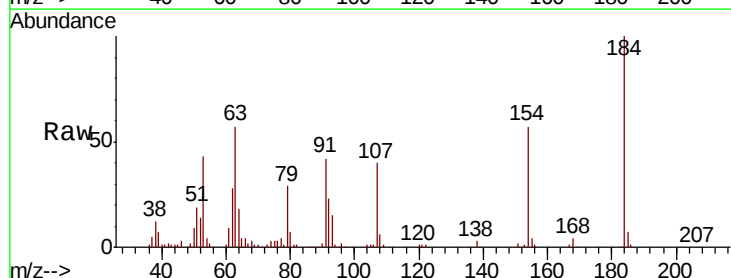


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

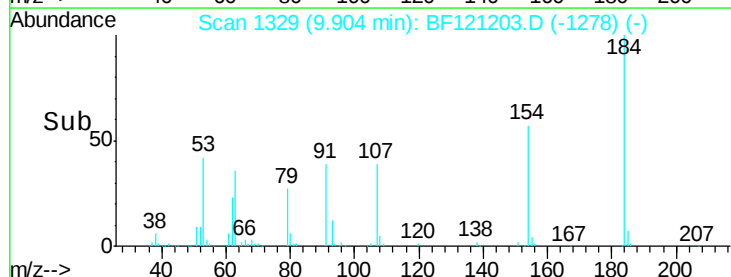
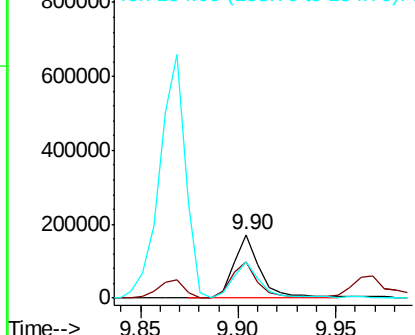


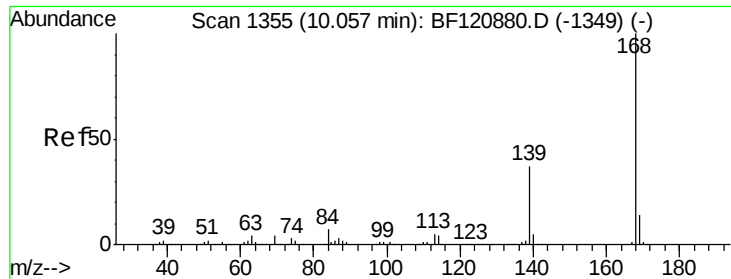
#54
 2,4-Dinitrophenol
 Concen: 68.641 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:184 Resp: 160724
 Ion Ratio Lower Upper
 184 100
 63 56.6 42.5 63.7
 154 57.2 46.8 70.2



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

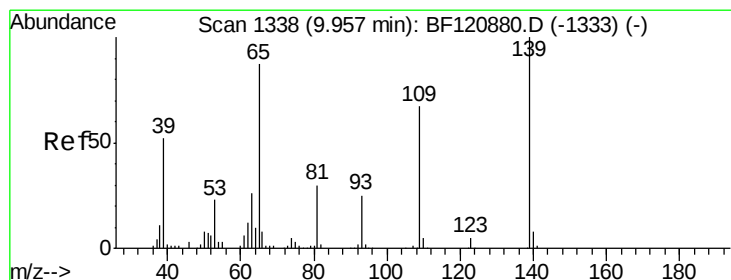
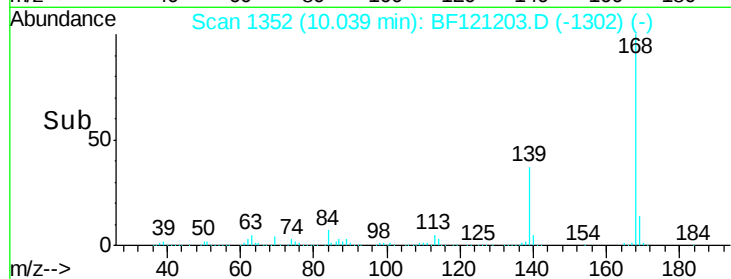
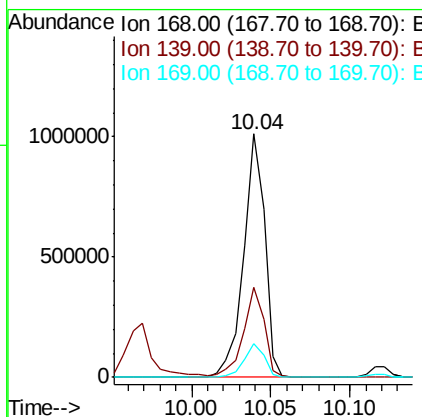
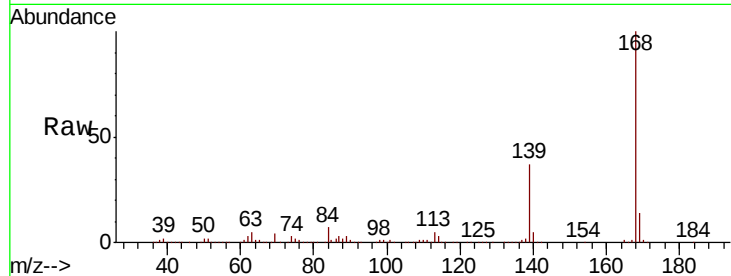




#55
Dibenzofuran
Concen: 39.158 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

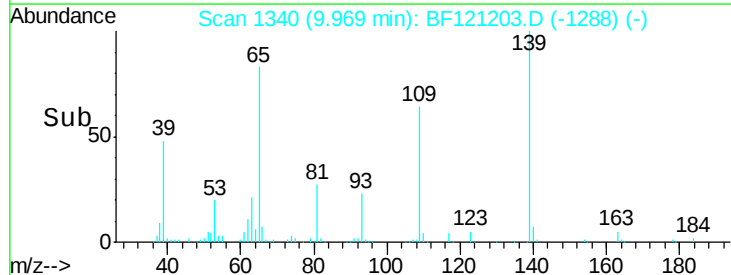
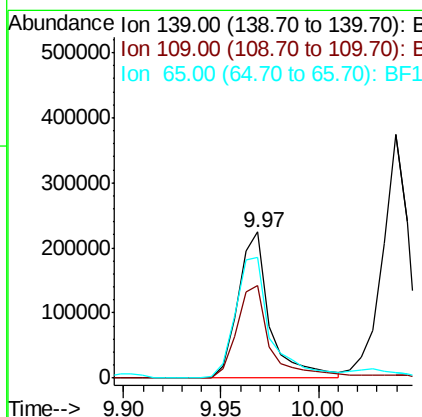
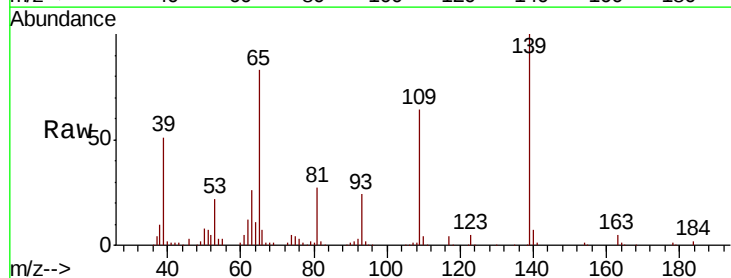
Instrument :
BNA_F
ClientSampleId :
PB130763BS

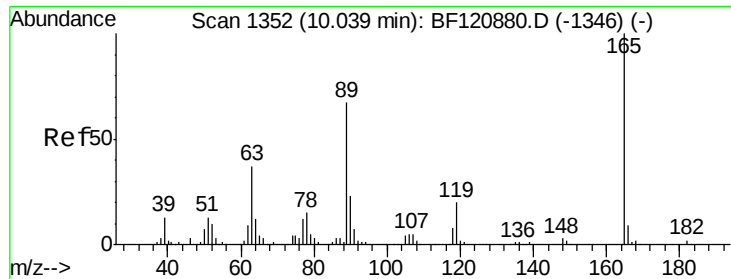
Tot Ion:168 Resp: 927233
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 64.612 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:139 Resp: 254338
Ion Ratio Lower Upper
139 100
109 64.0 44.8 84.8
65 83.1 65.6 105.6

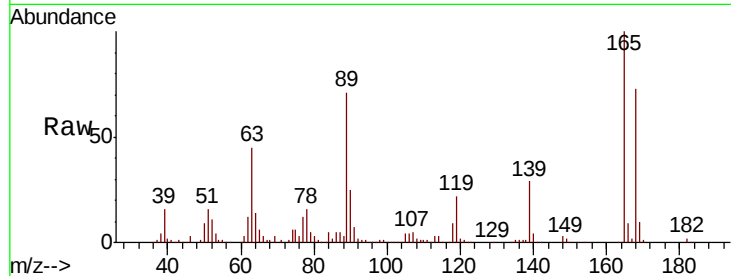




#57
2,4-Dinitrotoluene
Concen: 41.400 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	29.8	44.8
89	71.1	50.3	75.5
182	2.4	2.1	3.1



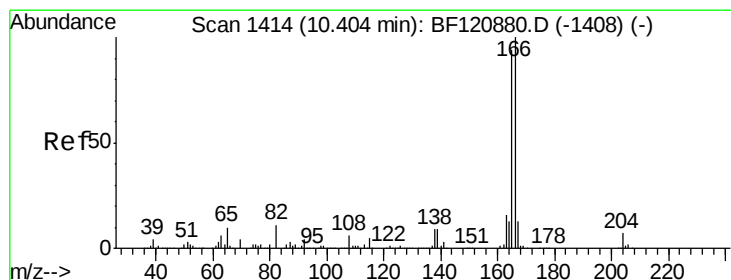
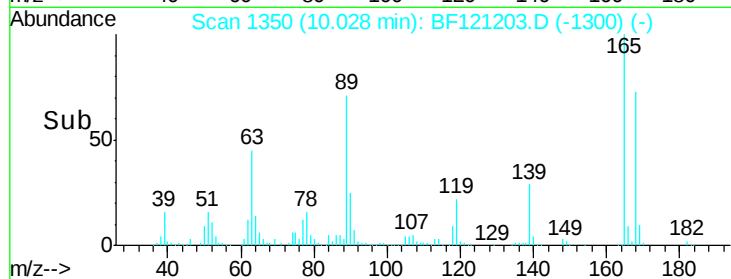
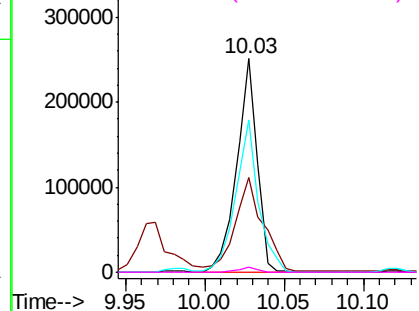
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

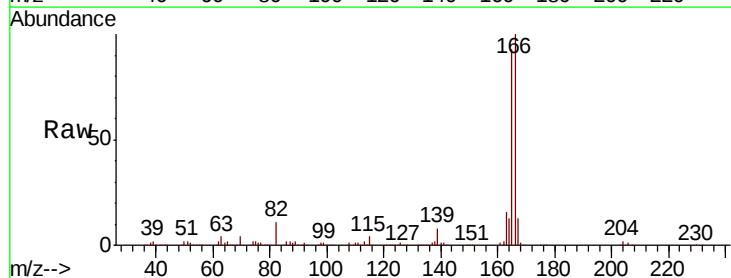
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.537 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	76.4	114.6
167	13.4	10.7	16.1

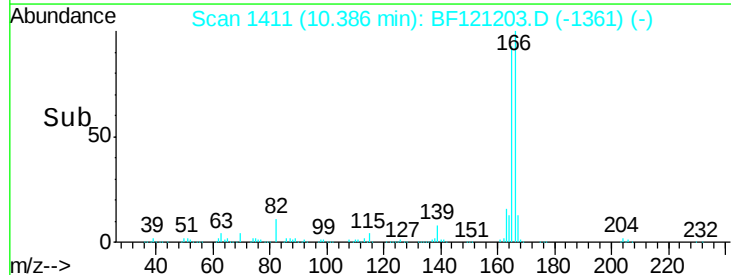
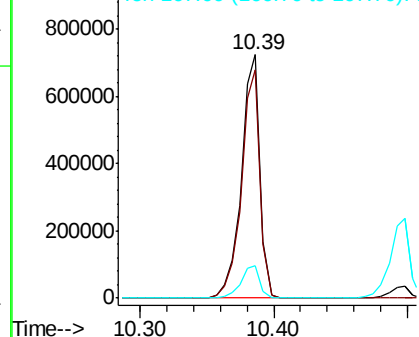


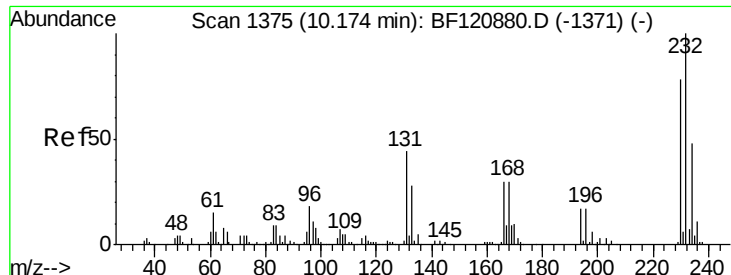
Abundance

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

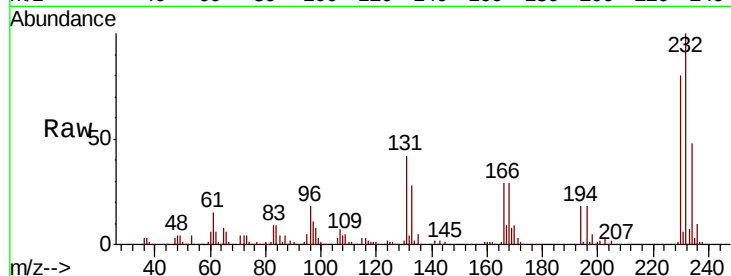




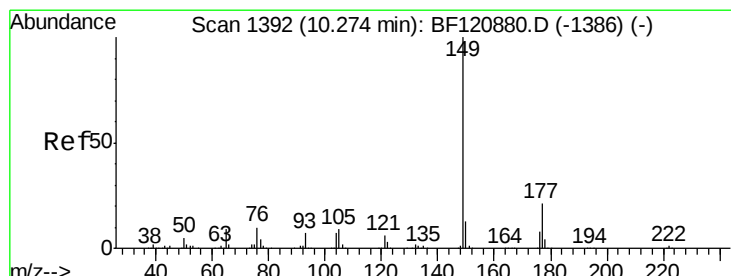
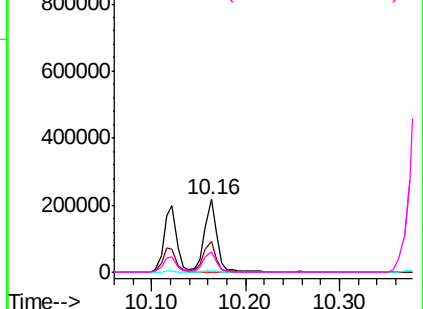
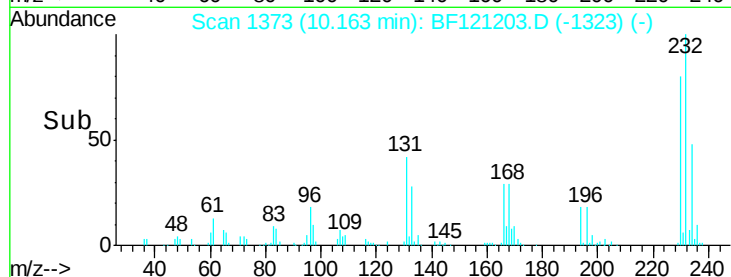
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.424 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion:	232	Resp:	205095
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.2	51.2
130	2.2	1.7	2.5
166	28.5	23.1	34.7

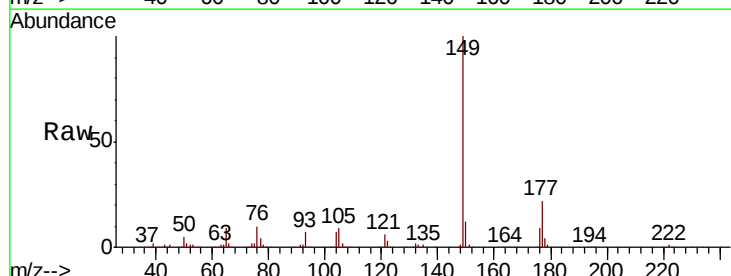


Abundance Ion 232.00 (231.70 to 232.70): E
 1000000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

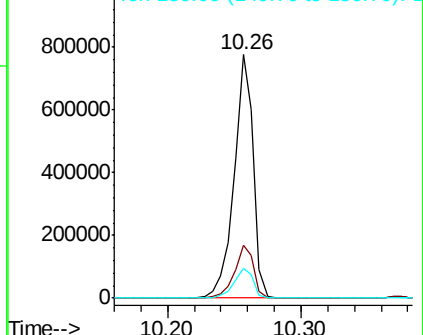
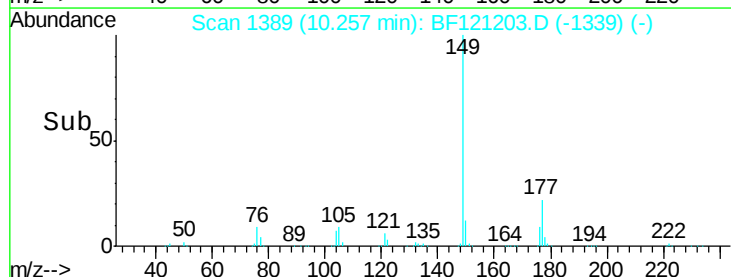


#60
 Diethylphthalate
 Concen: 39.863 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:	149	Resp:	775450
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

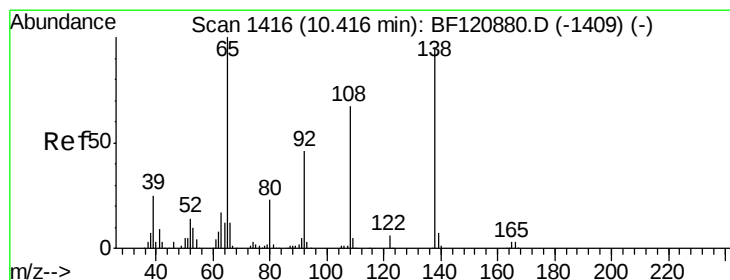
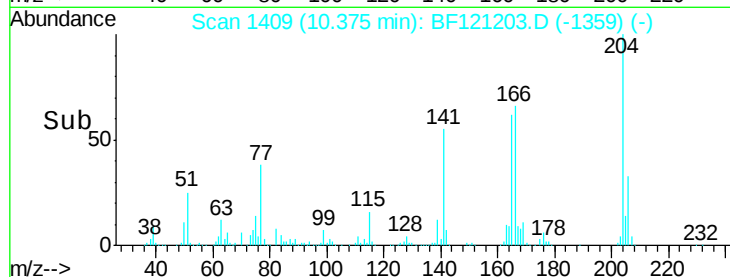
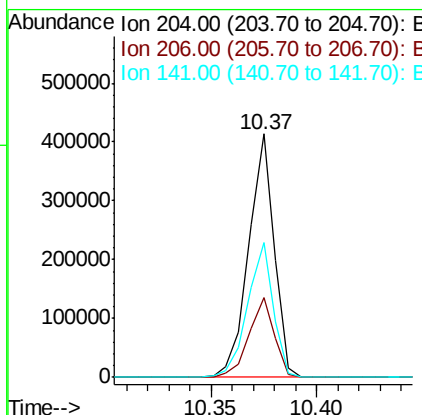
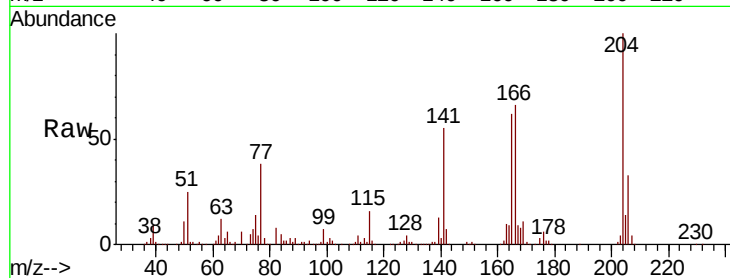




#61
4-Chlorophenyl-phenylether
Concen: 37.019 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

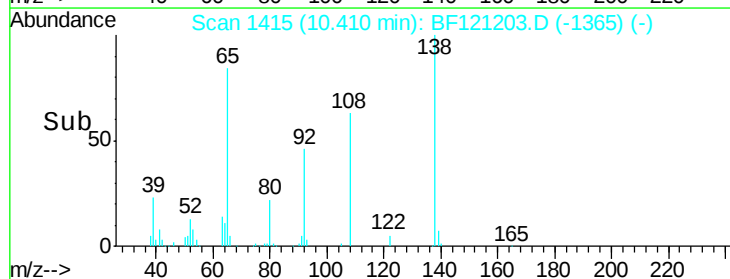
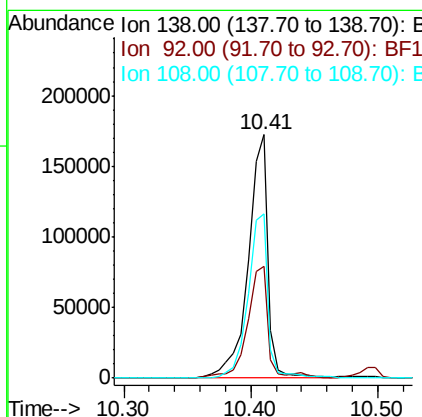
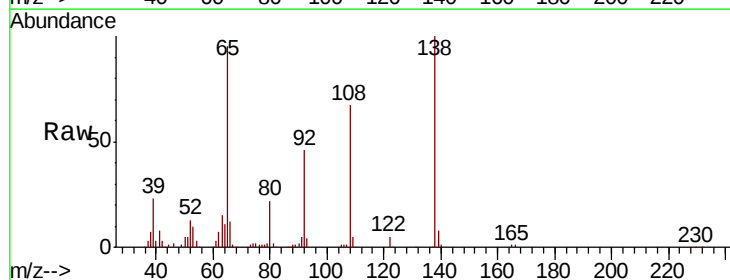
Instrument :
BNA_F
ClientSampleID :
PB130763BS

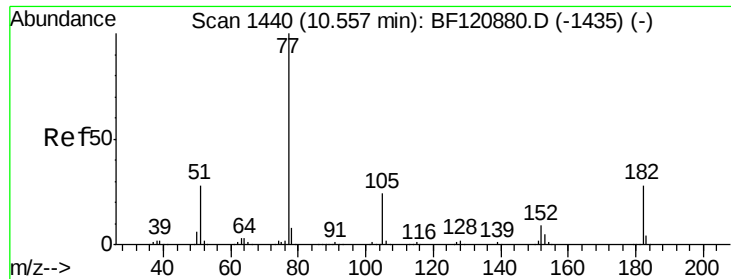
Tot Ion:204 Resp: 348707
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 55.5 46.9 70.3



#62
4-Nitroaniline
Concen: 37.160 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:138 Resp: 187575
Ion Ratio Lower Upper
138 100
92 45.7 25.2 65.2
108 67.4 46.7 86.7

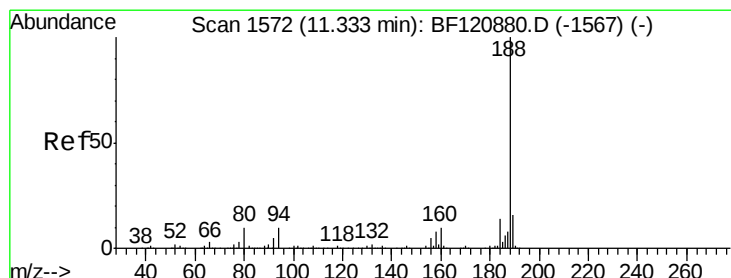
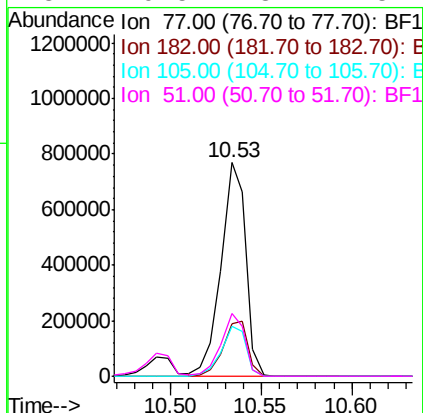
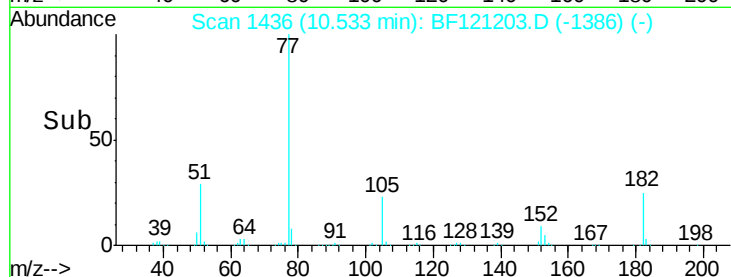
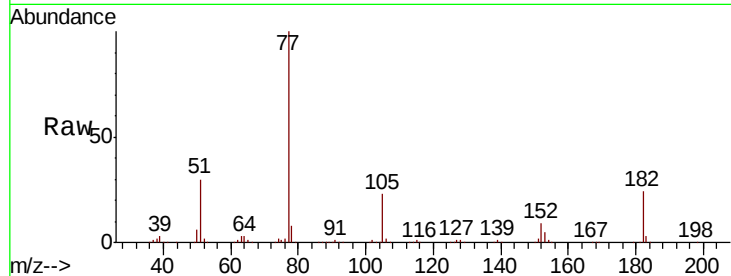




#63
Azobenzene
Concen: 39.375 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

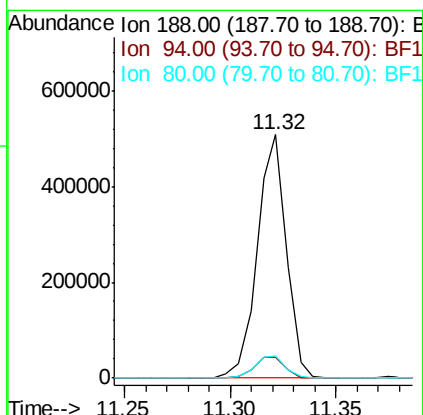
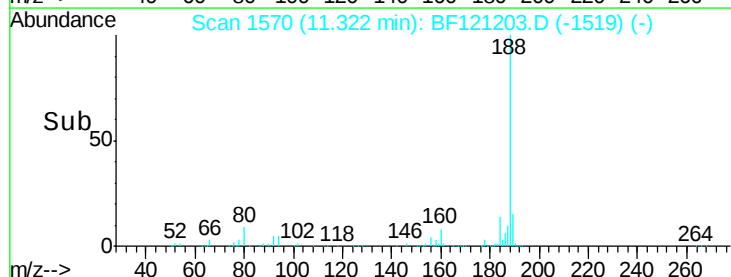
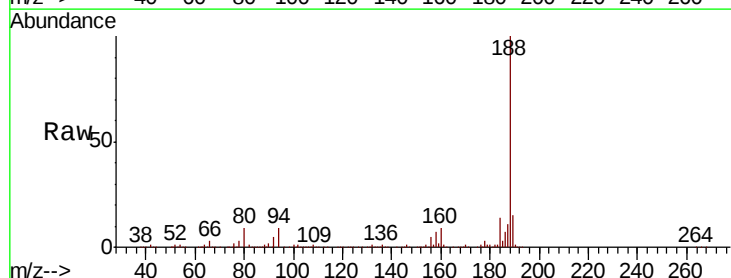
Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:	77	Resp:	729198
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	23.4	3.4	43.4
51	29.5	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:	188	Resp:	485018
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.2	8.3	12.5

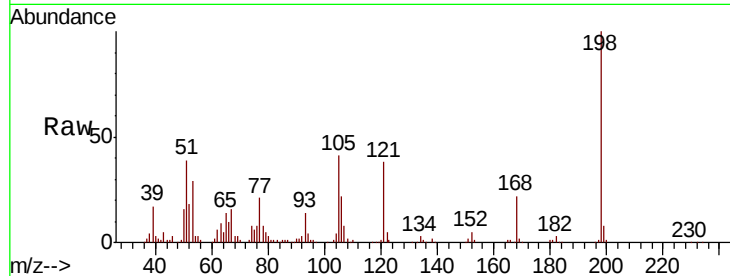




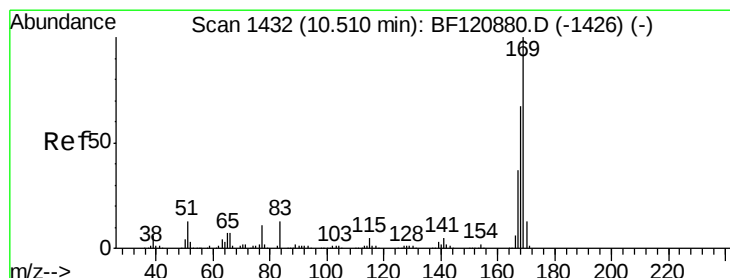
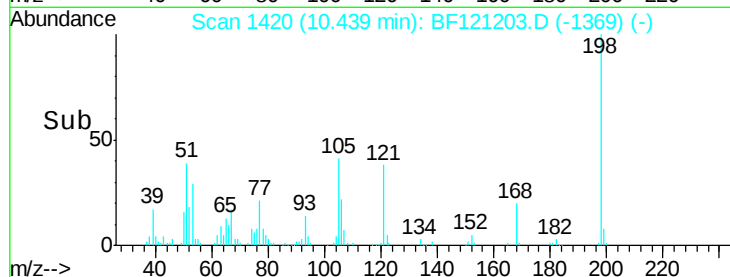
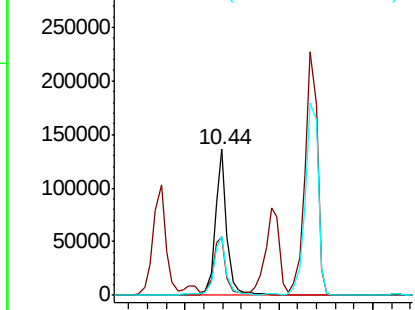
#65
4,6-Dinitro-2-methylphenol
Concen: 42.908 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:198 Resp: 119202
Ion Ratio Lower Upper
198 100
51 39.4 23.4 63.4
105 40.9 23.7 63.7

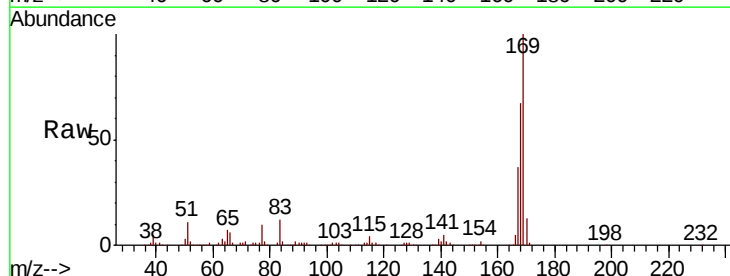


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

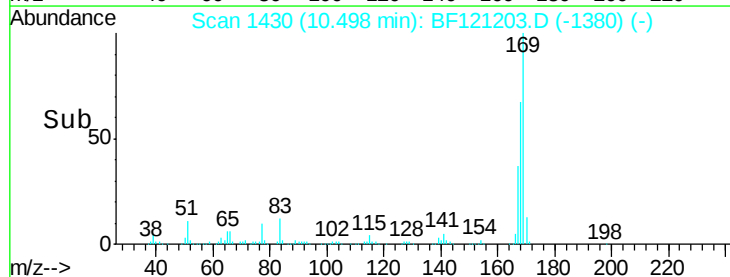
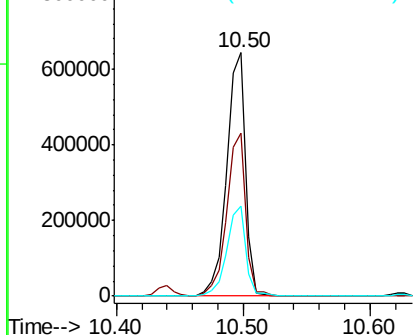


#66
n-Nitrosodiphenylamine
Concen: 42.822 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:169 Resp: 653359
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.8 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

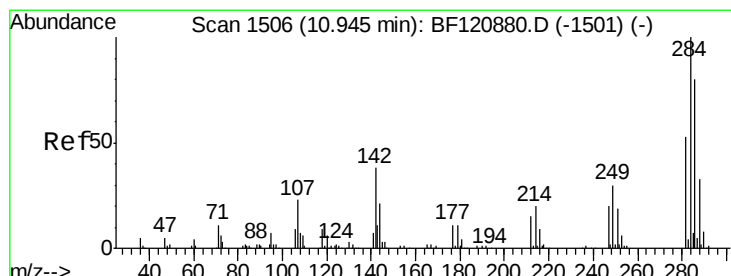
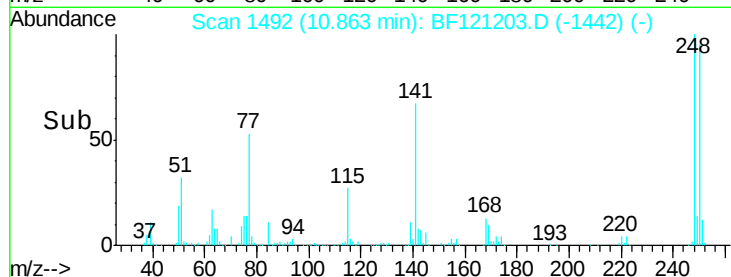
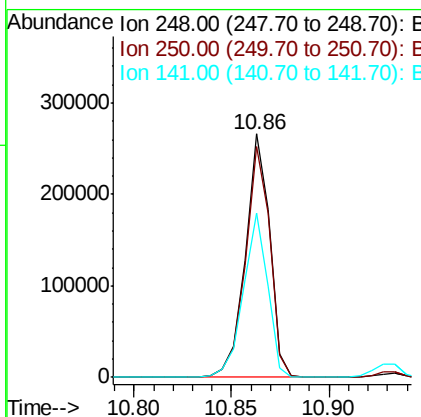
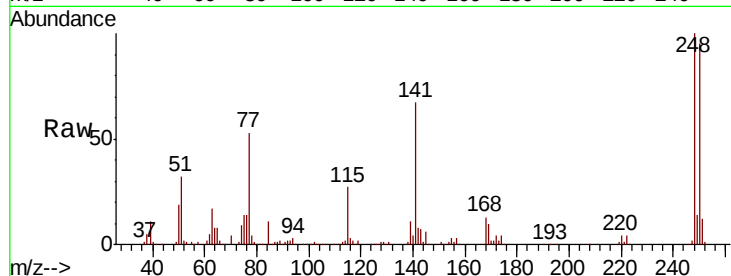




#67
 4-Bromophenyl-phenylether
 Concen: 42.392 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

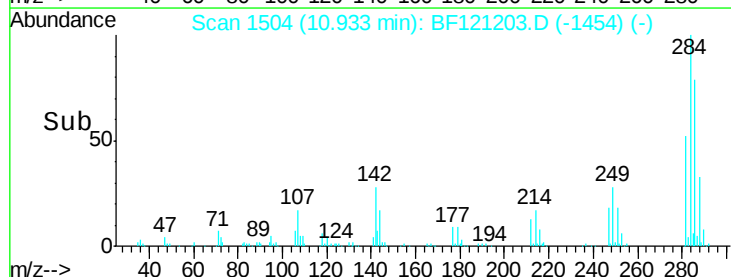
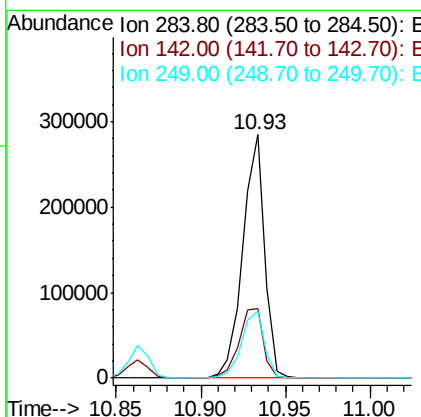
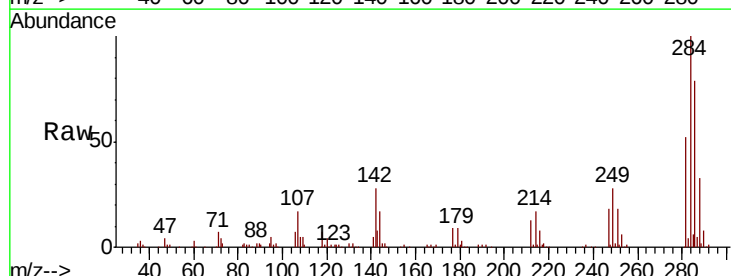
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

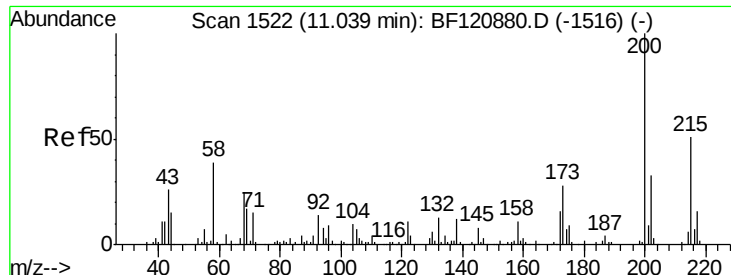
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.6
141	67.2	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 43.903 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	21.1	31.7
249	27.7	22.5	33.7

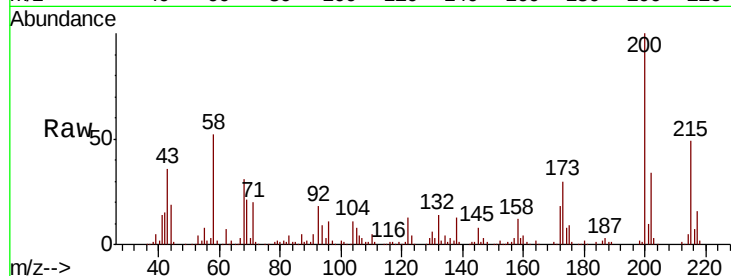




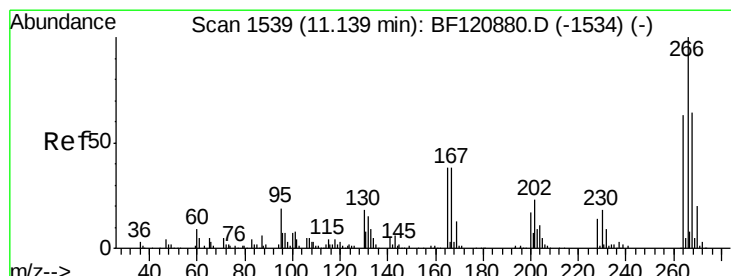
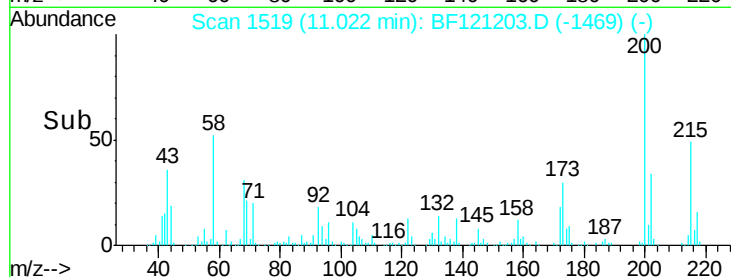
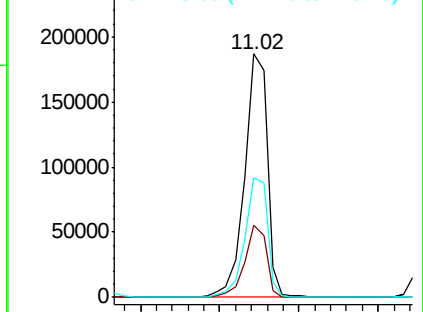
#69
 Atrazine
 Concen: 48.962 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleID :
 PB130763BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	7.6	47.6
215	49.2	28.8	68.8

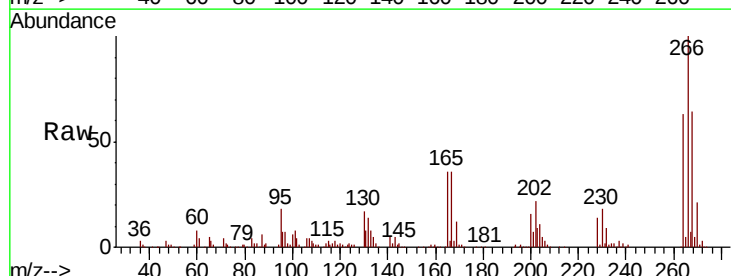


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

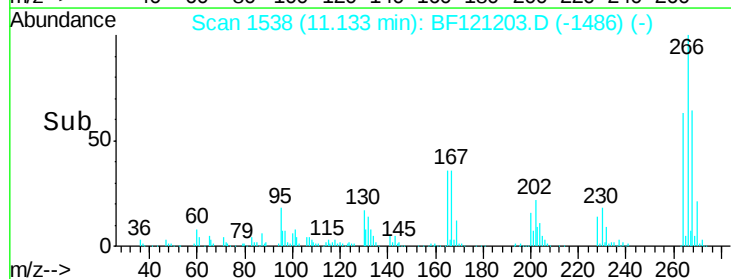
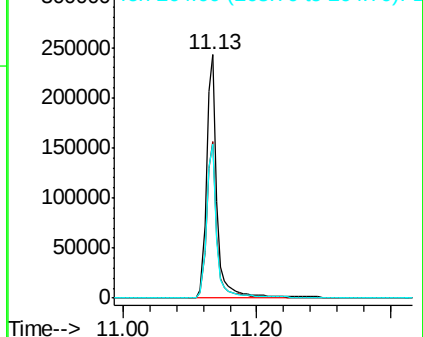


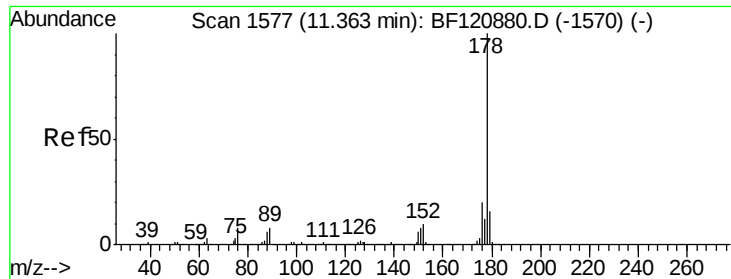
#70
 Pentachlorophenol
 Concen: 79.188 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.7	74.5
264	63.4	50.4	75.6



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

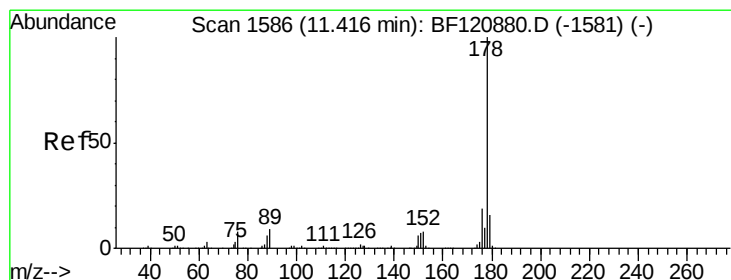
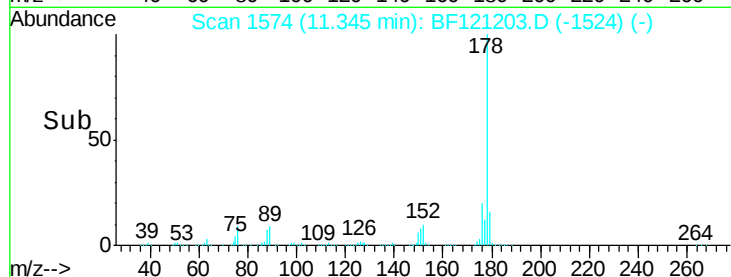
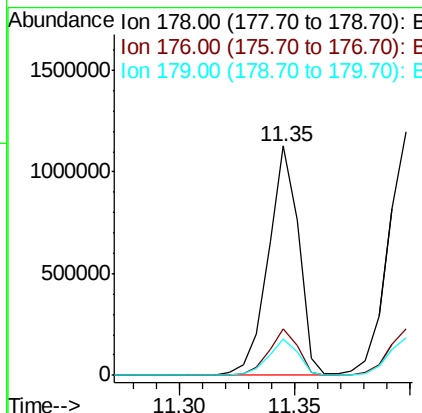
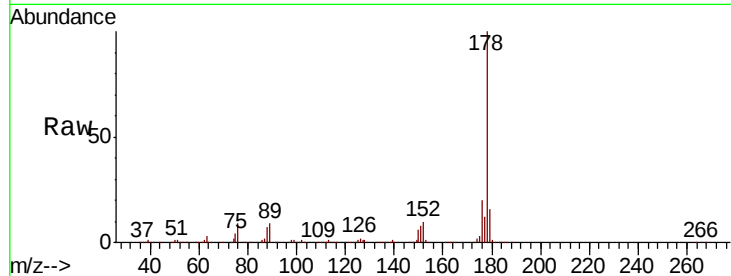




#71
Phenanthrene
Concen: 41.316 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

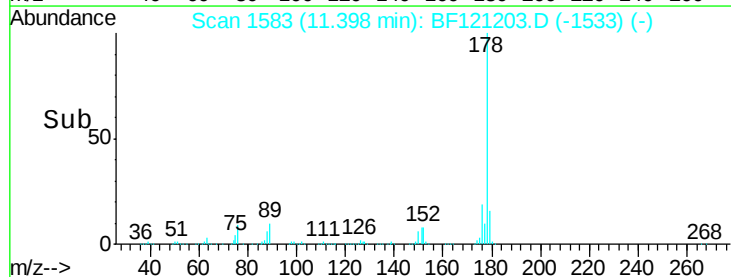
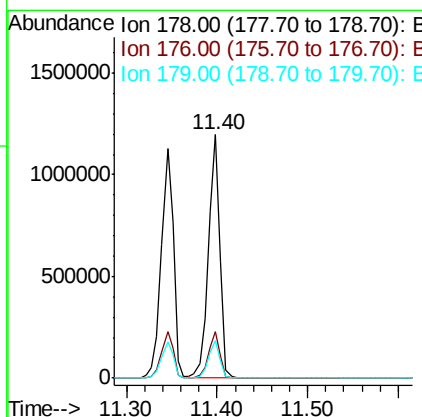
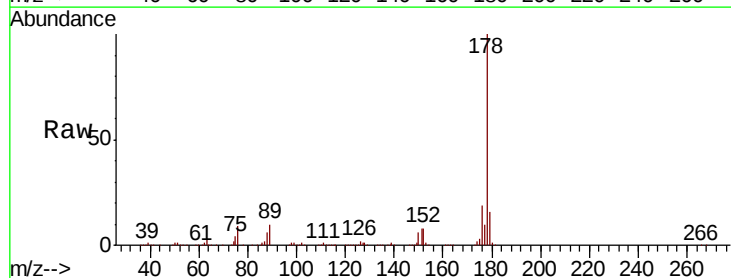
Instrument :
BNA_F
ClientSampleId :
PB130763BS

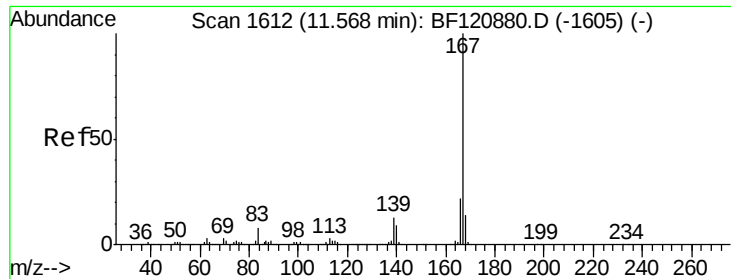
Tot Ion:178 Resp: 1030610
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.7 12.6 19.0



#72
Anthracene
Concen: 42.872 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:178 Resp: 1073868
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0





#73

Carbazole

Concen: 39.390 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

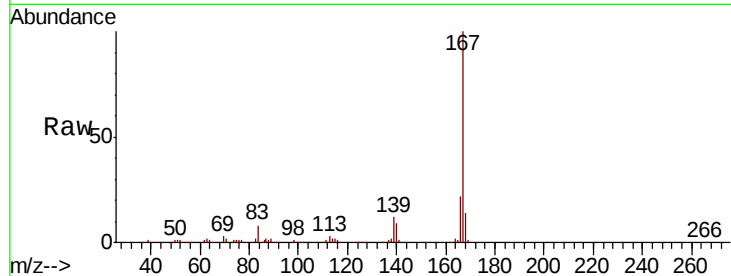
Tot Ion:167 Resp: 979141

Ion Ratio Lower Upper

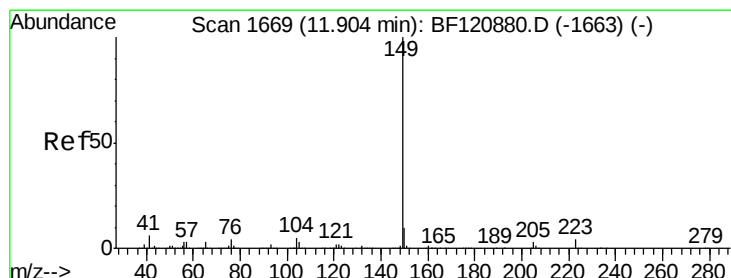
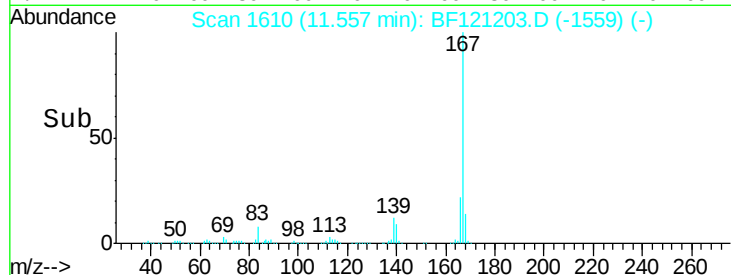
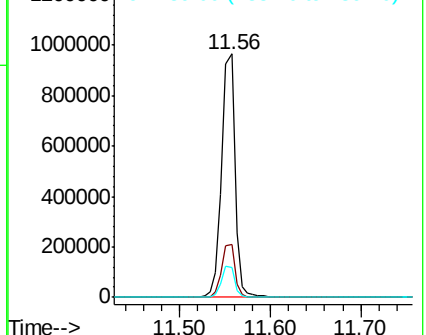
167 100

166 21.9 17.5 26.3

139 12.4 10.5 15.7



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: 42.582 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

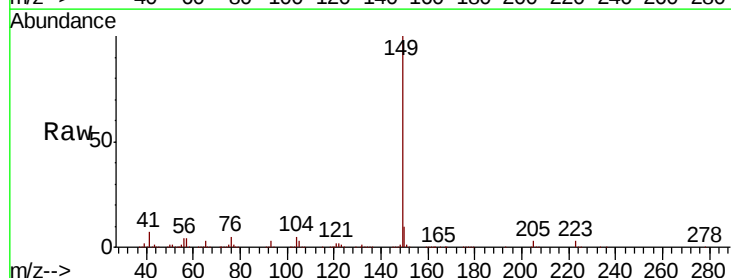
Tgt Ion:149 Resp: 1221511

Ion Ratio Lower Upper

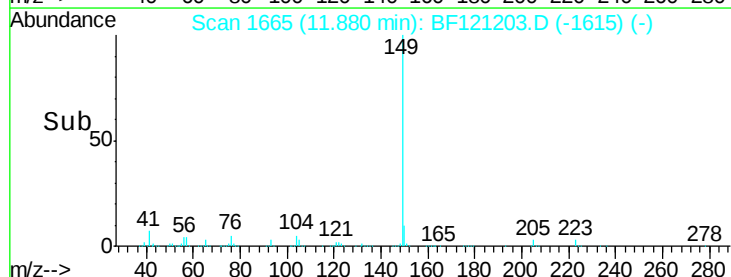
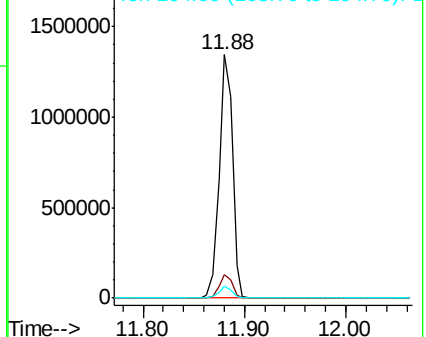
149 100

150 9.7 7.8 11.8

104 4.9 3.9 5.9



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

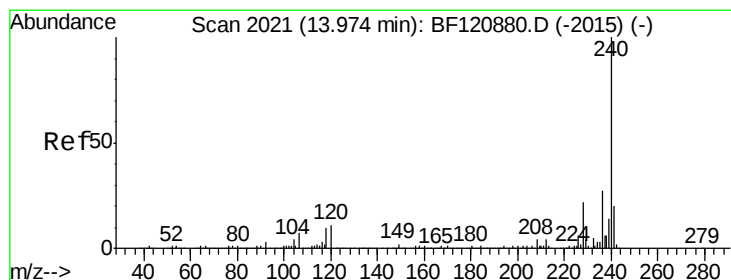
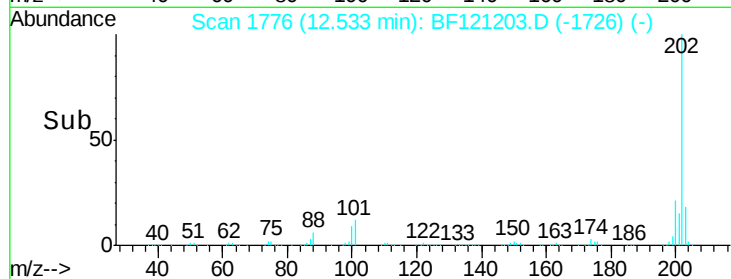
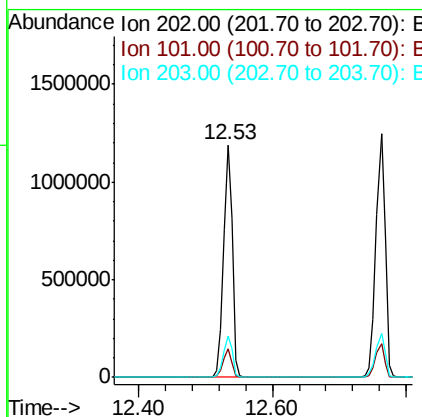
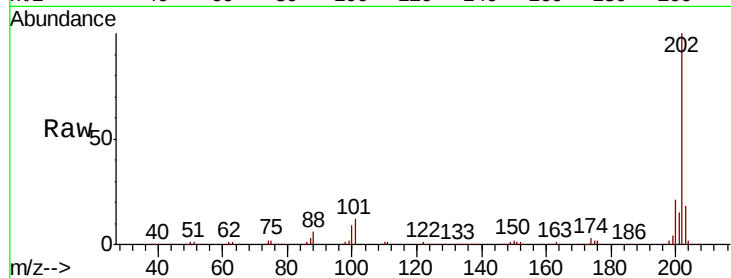




#75
Fluoranthene
Concen: 40.548 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

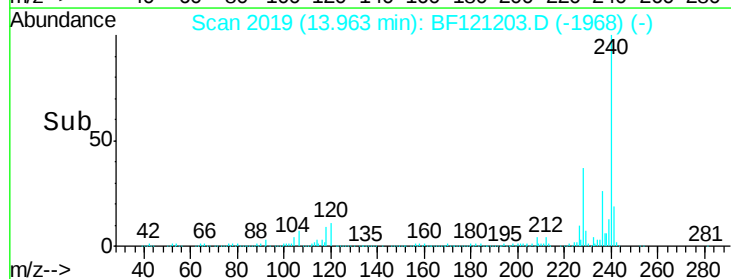
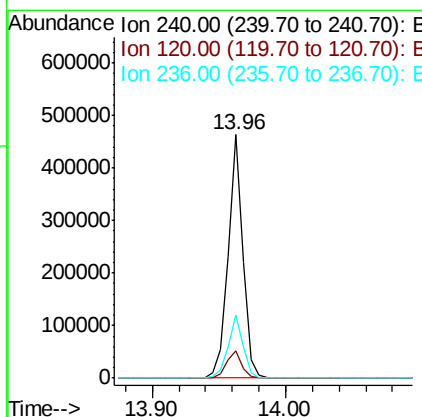
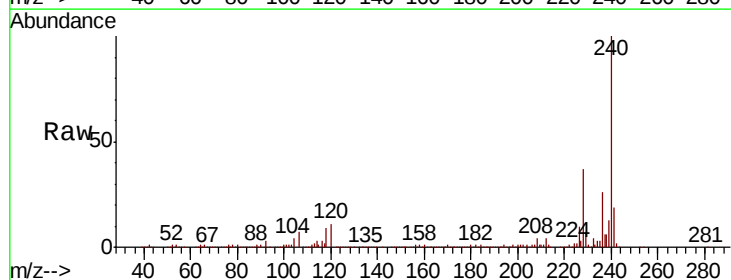
Instrument :
BNA_F
ClientSampleId :
PB130763BS

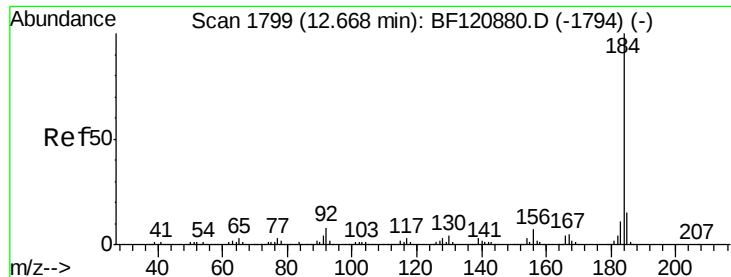
Tot Ion:202 Resp: 1121123
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.5
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:240 Resp: 362989
Ion Ratio Lower Upper
240 100
120 11.1 9.3 13.9
236 25.8 21.1 31.7





#77

Benzidine

Concen: 66.417 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

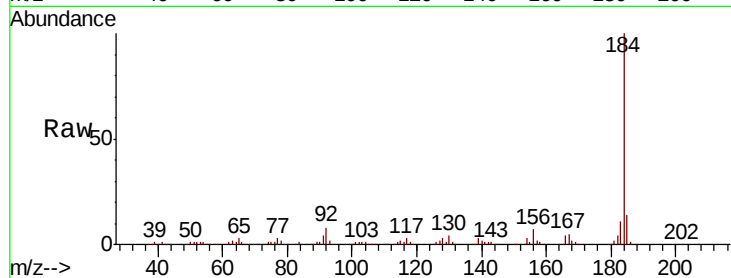
Tot Ion:184 Resp: 633856

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.1	18.1
183	10.9	9.0	13.4

184 100

185 14.4 12.1 18.1

183 10.9 9.0 13.4

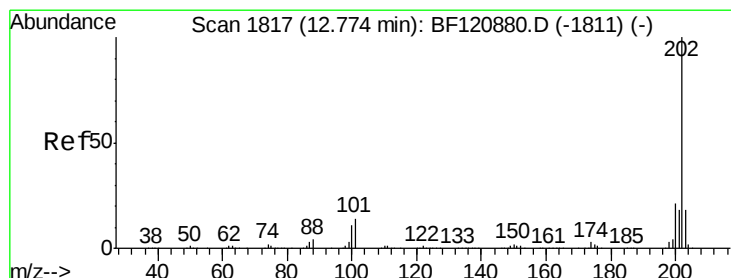
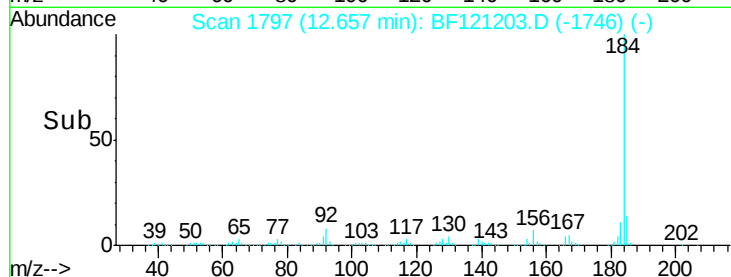
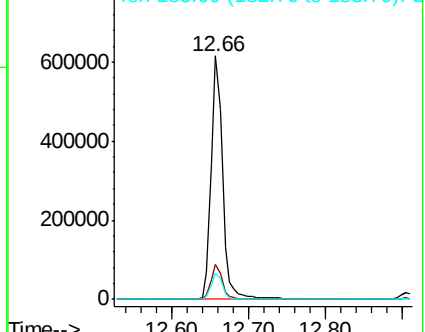


Abundance

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: 44.463 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

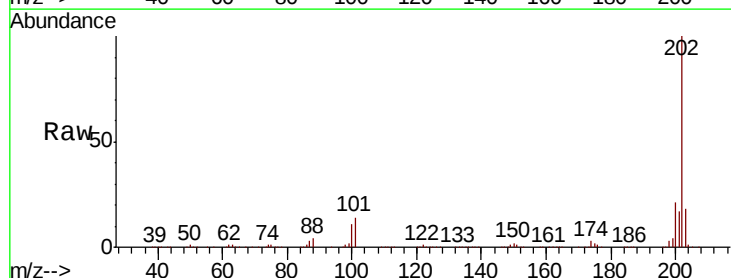
Tgt Ion:202 Resp: 1141084

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	17.8	14.6	21.8

202 100

200 20.9 17.0 25.6

203 17.8 14.6 21.8

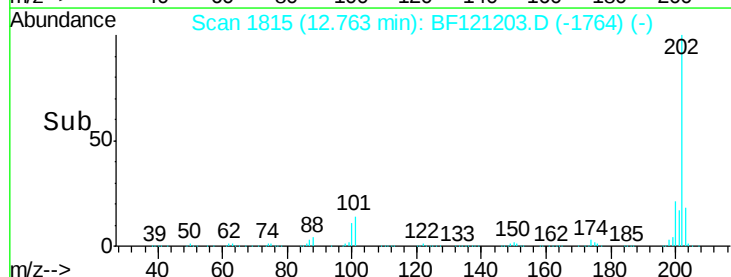
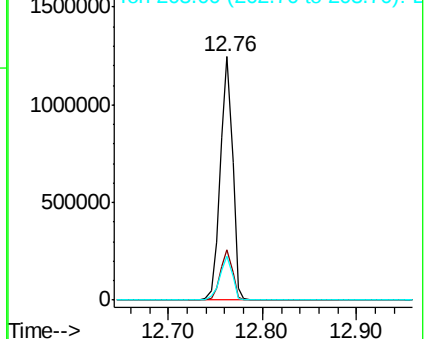


Abundance

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: 74.062 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

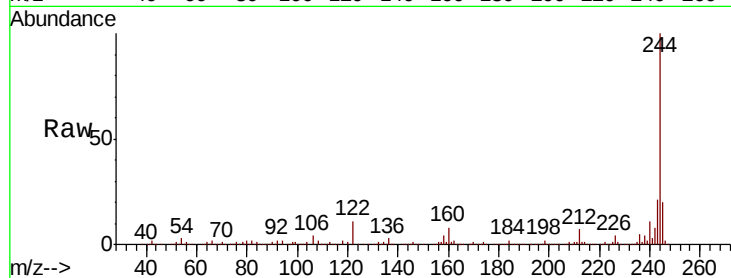
Tot Ion:244 Resp: 1236726

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

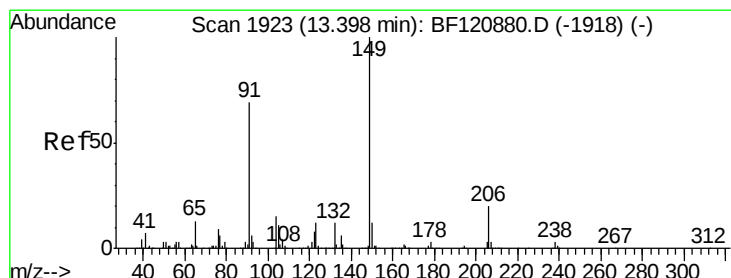
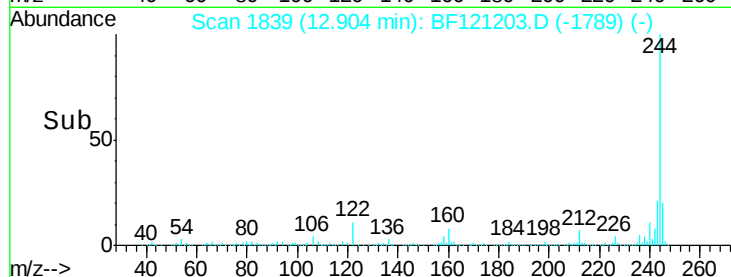
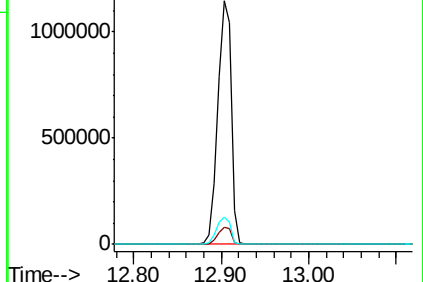
122 11.5 8.3 12.5



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: 44.377 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

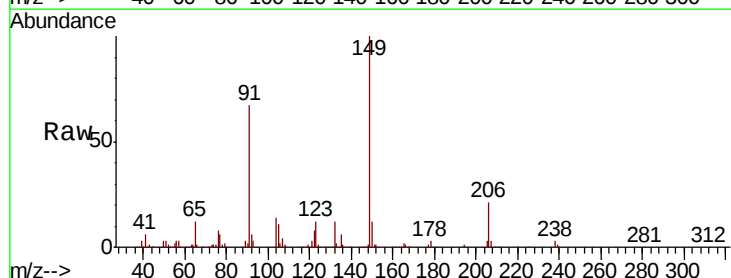
Tgt Ion:149 Resp: 507688

Ion Ratio Lower Upper

149 100

91 66.8 51.4 77.0

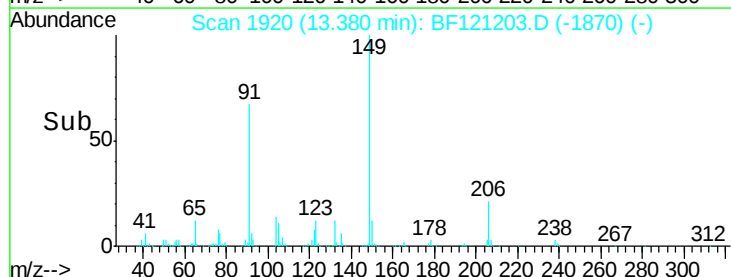
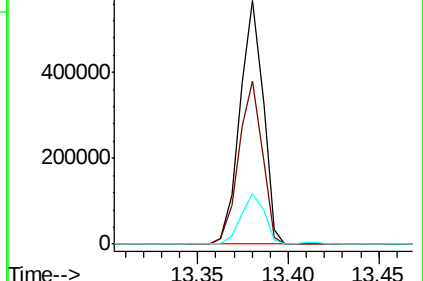
206 20.9 17.9 26.9



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: 43.335 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

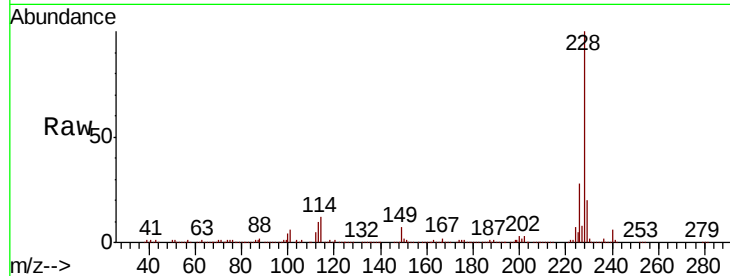
Tot Ion:228 Resp: 952527

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

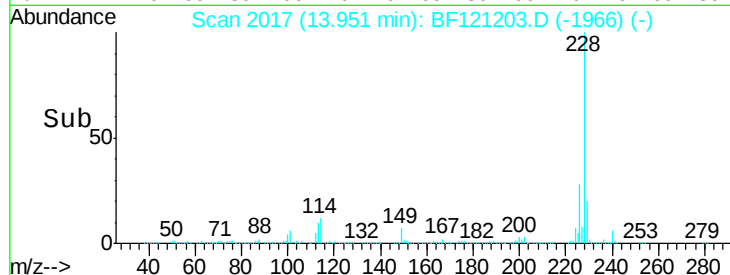
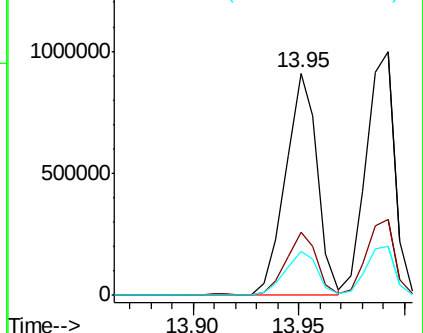
229 19.9 16.1 24.1



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: 38.696 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

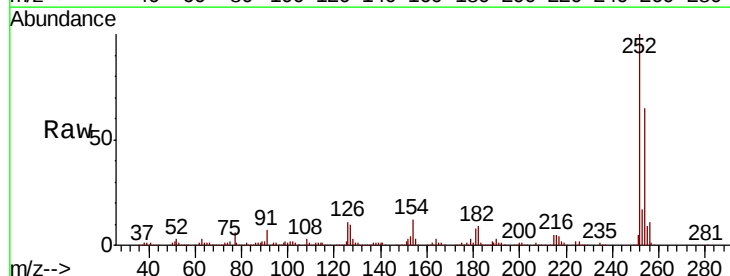
Tgt Ion:252 Resp: 320892

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

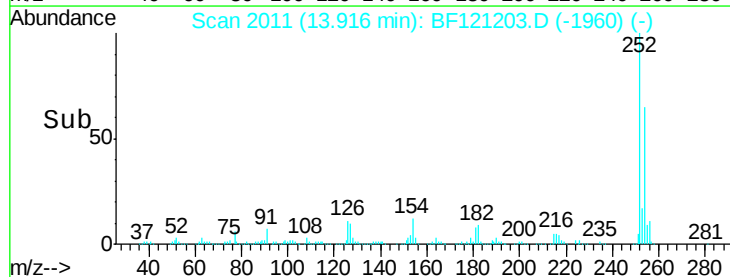
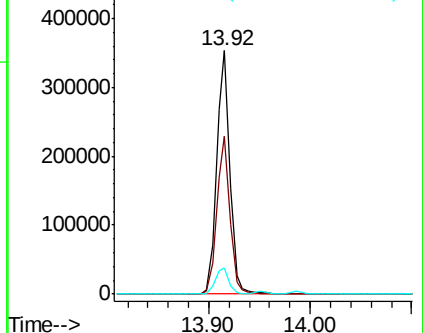
126 10.6 9.2 13.8

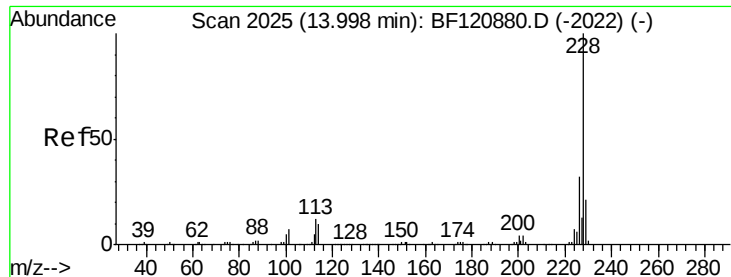


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.004 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

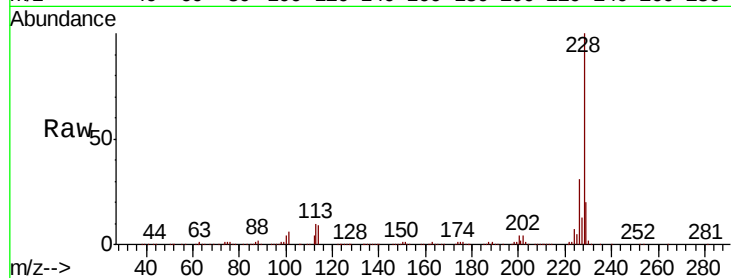
Tot Ion:228 Resp: 947169

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

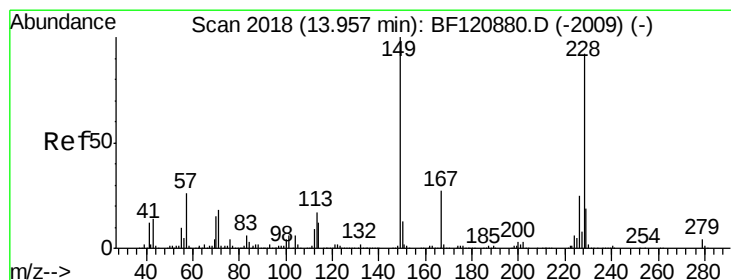
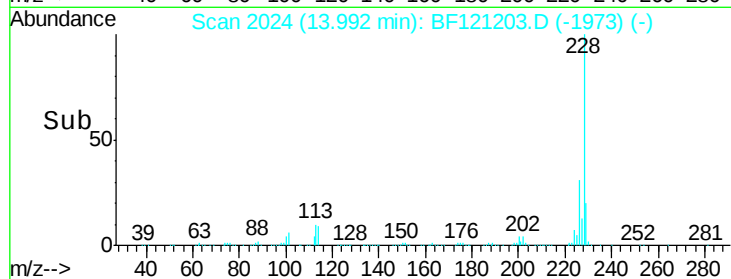
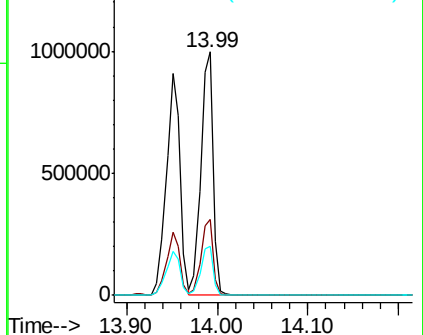
229 20.0 16.2 24.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.104 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

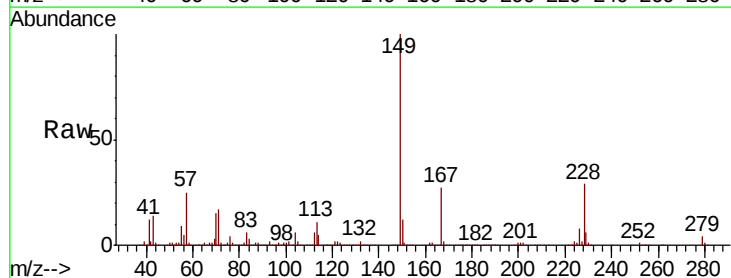
Tgt Ion:149 Resp: 692727

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

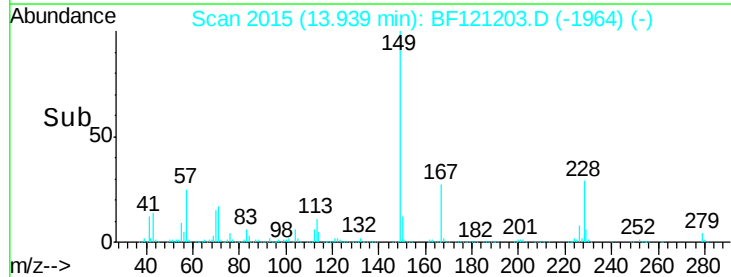
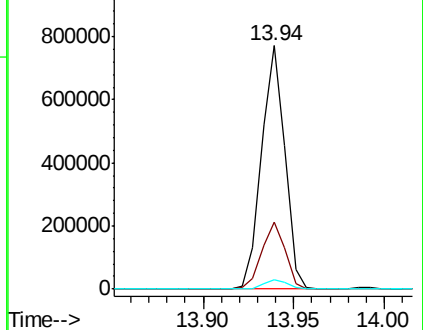
279 4.0 2.9 4.3

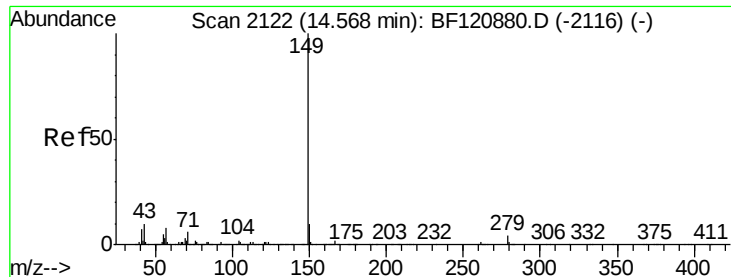


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.049 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

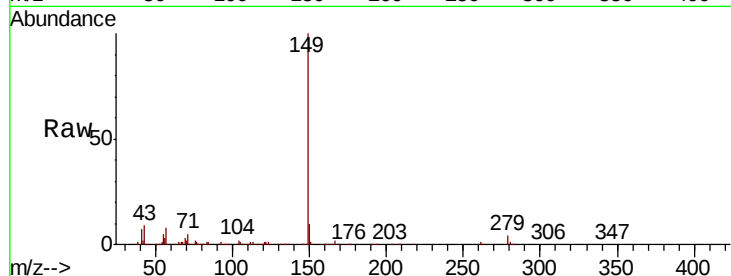
Tot Ion:149 Resp: 1208248

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

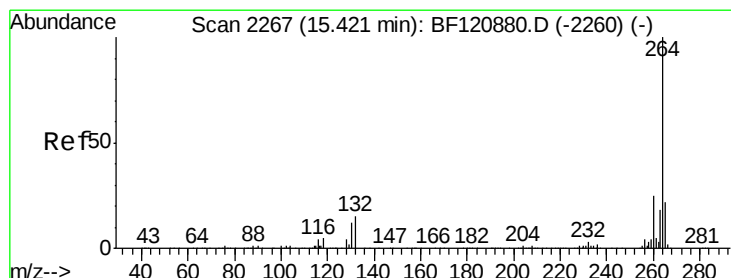
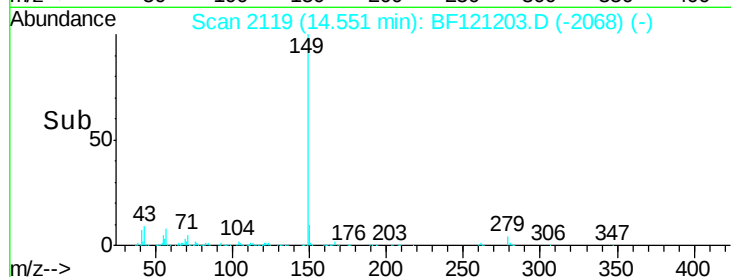
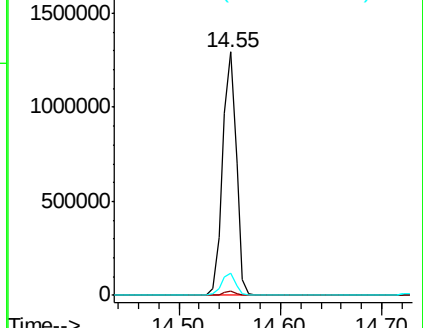
43 9.1 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

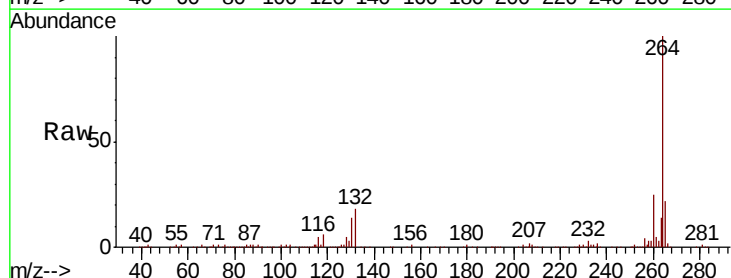
Tgt Ion:264 Resp: 365664

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

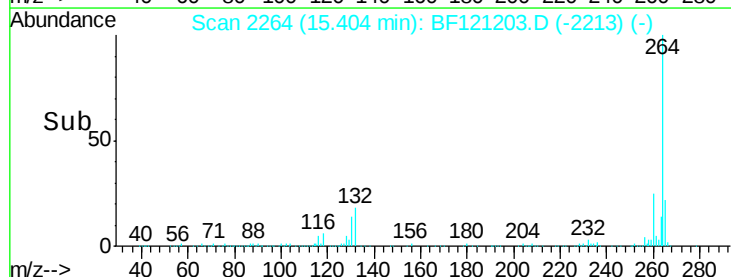
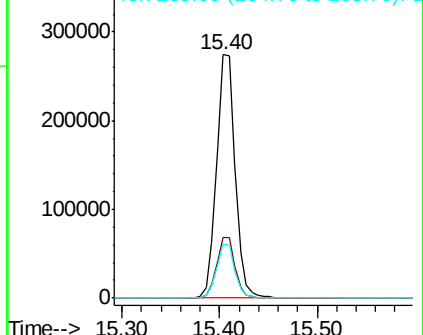
265 22.0 17.8 26.8

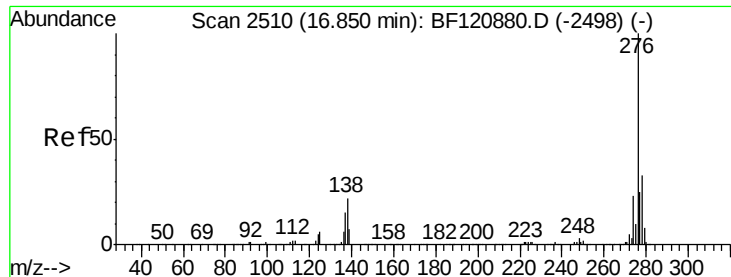


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

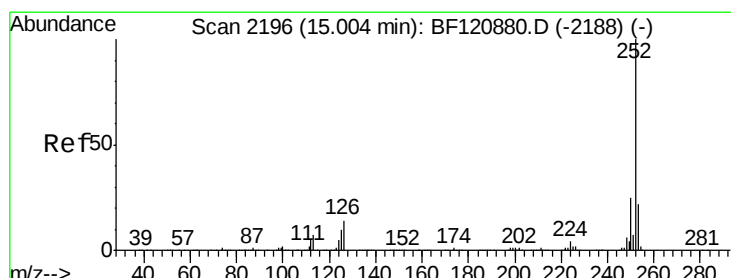
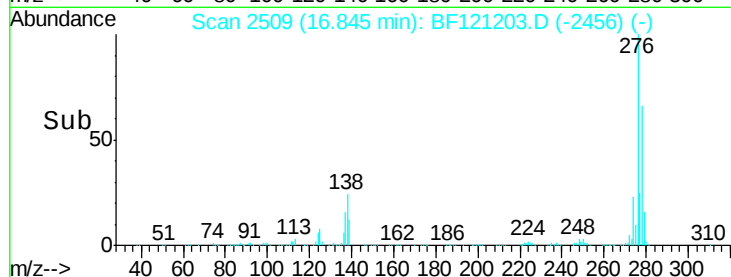
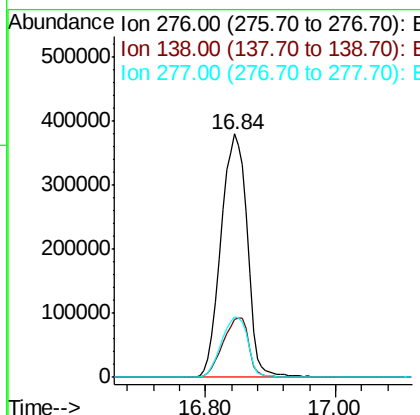
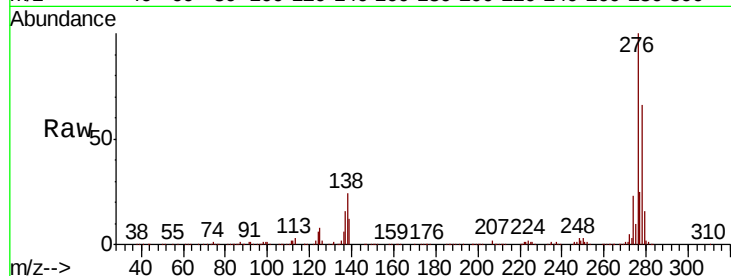




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.813 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

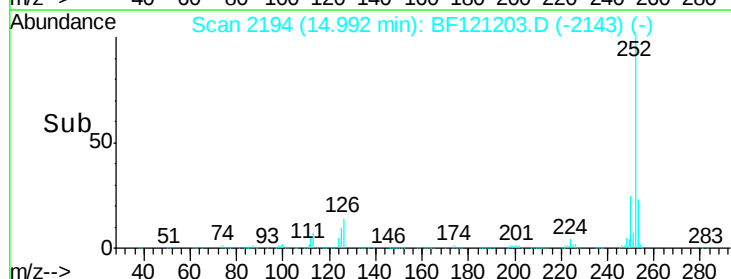
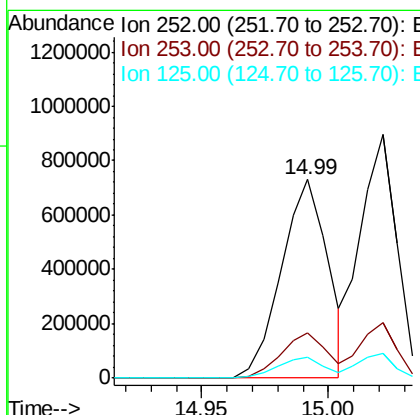
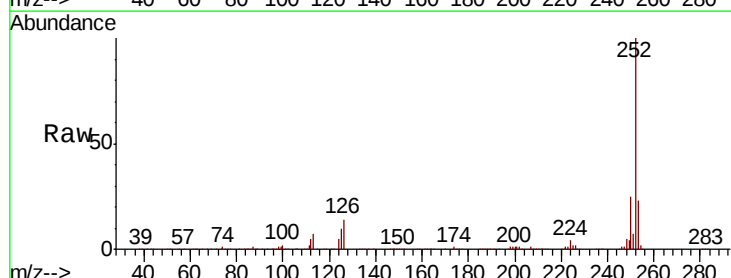
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

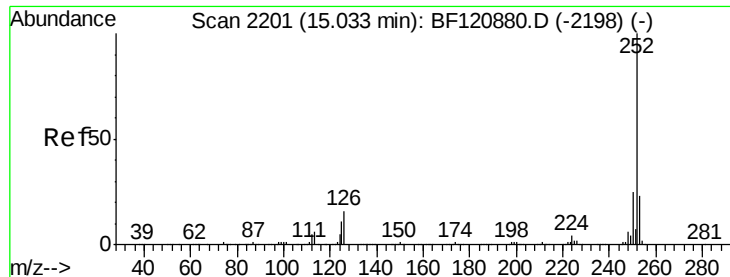
Tot Ion:276 Resp: 1063318
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 42.181 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:252 Resp: 932327
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.9 26.9
 125 10.3 8.1 12.1

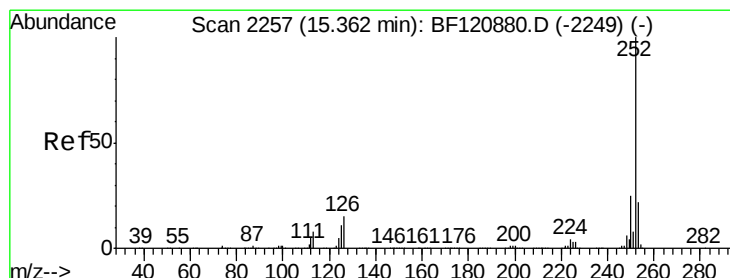
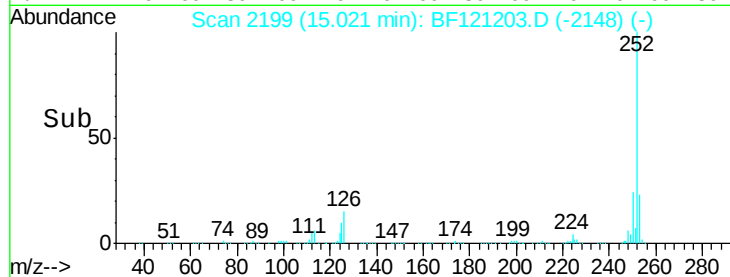
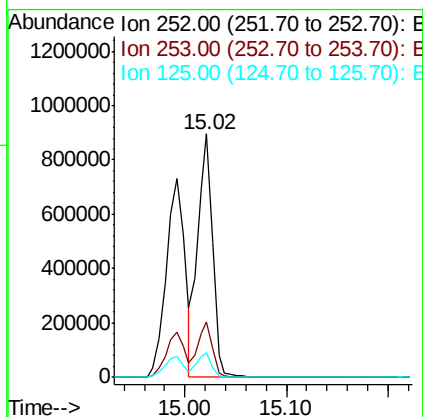
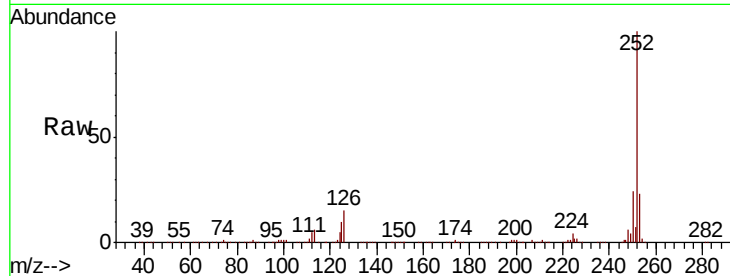




#89
Benzo(k)fluoranthene
Concen: 45.257 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

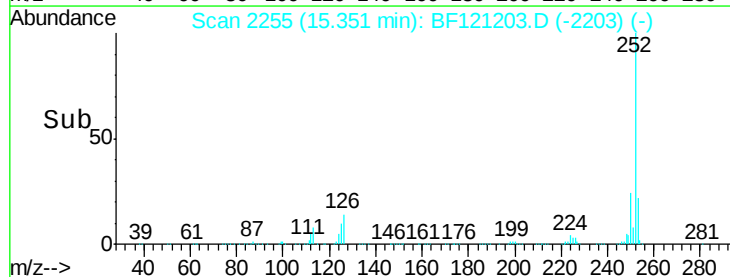
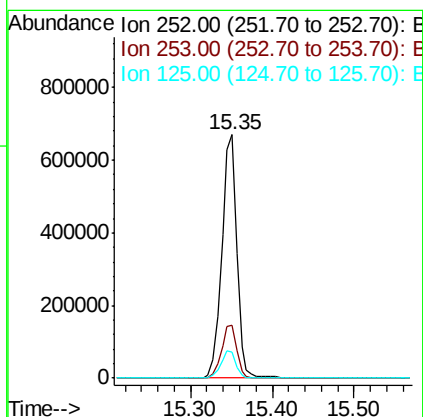
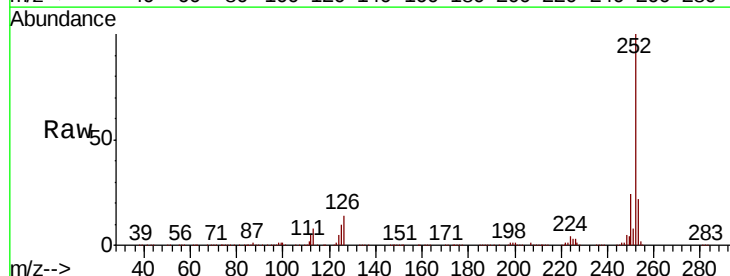
Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:252 Resp: 912283
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.0 8.0 12.0



#90
Benzo(a)pyrene
Concen: 42.440 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:252 Resp: 855846
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.4 9.5 14.3

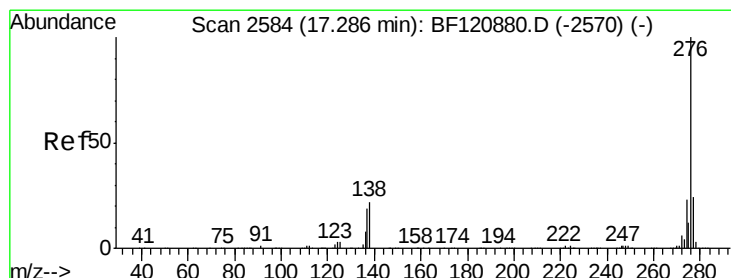
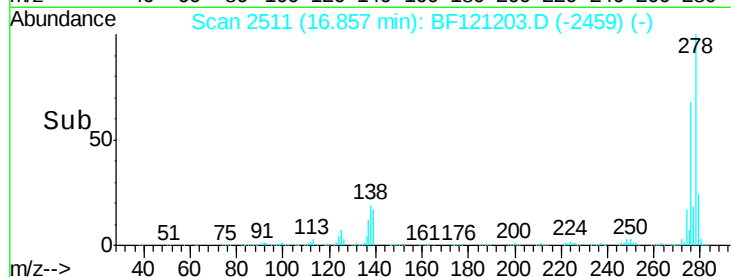
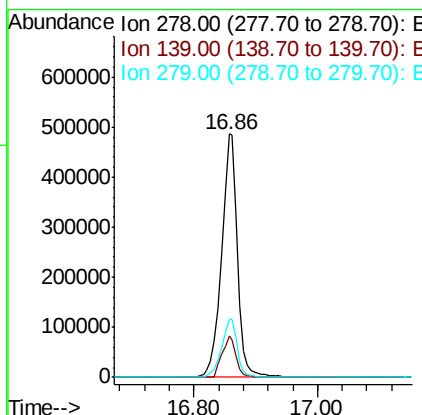
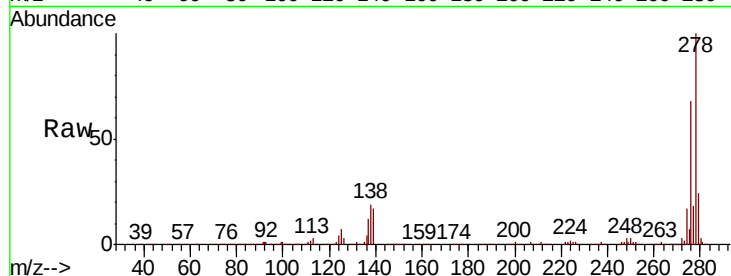




#91
Dibenzo(a,h)anthracene
Concen: 42.205 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:278 Resp: 876716
Ion Ratio Lower Upper
278 100
139 16.9 12.6 18.8
279 24.0 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 43.983 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:276 Resp: 900861
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 21.2 17.2 25.8

