

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121396.D
 Acq On : 24 Aug 2020 13:08
 Operator : JU/CG
 Sample : PB131130BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Quant Time: Aug 24 15:42:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168348	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	662530	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	351170	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	669368	20.00	ng	0.00
76) Chrysene-d12	13.86	240	515895	20.00	ng	0.00
86) Perylene-d12	15.27	264	556602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	968873	94.37	ng	0.02
7) Phenol-d6	6.35	99	1189569	90.76	ng	0.00
23) Nitrobenzene-d5	7.27	82	1024549	87.46	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	363915	88.93	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1685311	93.41	ng	0.00
79) Terphenyl-d14	12.80	244	1586426	60.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	183871	39.577	ng	98
3) Pyridine	3.17	79	398436	31.954	ng	99
4) n-Nitrosodimethylamine	3.12	42	202428	39.886	ng	99
6) Aniline	6.36	93	431622	28.520	ng	89
8) 2-Chlorophenol	6.49	128	421451	39.276	ng	93
9) Benzaldehyde	6.25	77	256197	34.747	ng	97
10) Phenol	6.36	94	485641	35.338	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	411359	38.866	ng	99
12) 1,3-Dichlorobenzene	6.64	146	441947	36.761	ng	100
13) 1,4-Dichlorobenzene	6.72	146	446577	36.796	ng	99
14) 1,2-Dichlorobenzene	6.87	146	394710	34.151	ng	98
15) Benzyl Alcohol	6.85	79	290182	36.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	555198	35.626	ng	99
17) 2-Methylphenol	6.97	107	342720	38.708	ng	98
18) Hexachloroethane	7.20	117	166969	36.948	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	269781	38.273	ng	98
20) 3+4-Methylphenols	6.97	107	340752	37.529	ng	80
22) Acetophenone	7.12	105	562910	36.342	ng	# 99
24) Nitrobenzene	7.29	77	433489	36.307	ng	95
25) Isophorone	7.53	82	808754	37.936	ng	100
26) 2-Nitrophenol	7.60	139	240287	39.241	ng	97
27) 2,4-Dimethylphenol	7.65	122	379593	43.444	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	518221	35.709	ng	99
29) 2,4-Dichlorophenol	7.85	162	356518	37.373	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	387075	35.483	ng	99
31) Naphthalene	8.00	128	1184360	35.918	ng	99
32) Benzoic acid	7.80	122	191652	30.991	ng	98
33) 4-Chloroaniline	8.06	127	346144	23.707	ng	99
34) Hexachlorobutadiene	8.12	225	219955	34.071	ng	99
35) Caprolactam	8.44	113	67979	21.758	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	371930	38.549	ng	97
37) 2-Methylnaphthalene	8.70	142	795059	37.201	ng	100
38) 1-Methylnaphthalene	8.79	142	751086	36.961	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	375124	35.991	ng	99

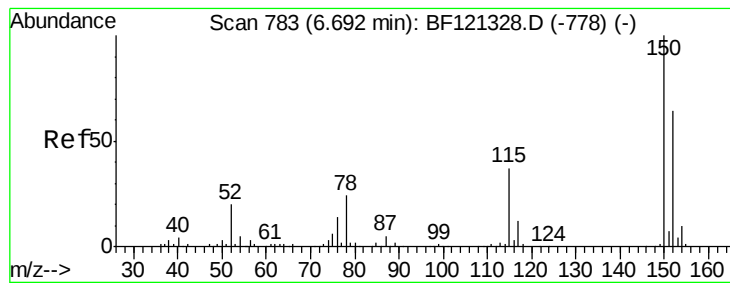
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121396.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	318786	77.442	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	253642	35.596	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	269753	36.797	ng	99
46) 1,1'-Biphenyl	9.16	154	959932	36.471	ng	99
47) 2-Chloronaphthalene	9.19	162	741418	34.191	ng	99
48) 2-Nitroaniline	9.29	65	234184	34.300	ng	99
49) Acenaphthylene	9.60	152	1178390	36.586	ng	100
50) Dimethylphthalate	9.46	163	904553	35.406	ng	99
51) 2,6-Dinitrotoluene	9.53	165	202970	37.199	ng	96
52) Acenaphthene	9.77	154	687990	35.155	ng	99
53) 3-Nitroaniline	9.70	138	154272	22.602	ng	96
54) 2,4-Dinitrophenol	9.82	184	203479	77.354	ng	98
55) Dibenzofuran	9.95	168	982821	38.576	ng	100
56) 4-Nitrophenol	9.88	139	271487	64.494	ng	99
57) 2,4-Dinitrotoluene	9.94	165	233292	35.048	ng	99
58) Fluorene	10.29	166	757185	40.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	224167	35.771	ng	98
60) Diethylphthalate	10.16	149	875256	35.083	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	379168	40.336	ng	99
62) 4-Nitroaniline	10.32	138	223830	32.004	ng	99
63) Azobenzene	10.44	77	814585	35.154	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	143236	40.013	ng	100
66) n-Nitrosodiphenylamine	10.40	169	741612	35.918	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	259569	34.959	ng	98
68) Hexachlorobenzene	10.83	284	287958	33.645	ng	97
69) Atrazine	10.93	200	217212	33.961	ng	100
70) Pentachlorophenol	11.03	266	290156	76.196	ng	99
71) Phenanthrene	11.25	178	1144744	33.044	ng	100
72) Anthracene	11.30	178	1190532	35.687	ng	100
73) Carbazole	11.46	167	1131811	35.549	ng	99
74) Di-n-butylphthalate	11.78	149	1334448	34.758	ng	99
75) Fluoranthene	12.43	202	1273529	33.869	ng	100
77) Benzidine	12.56	184	768541	54.072	ng	99
78) Pyrene	12.66	202	1299907	33.544	ng	99
80) Butylbenzylphthalate	13.28	149	582190	34.963	ng	98
81) Benzo(a)anthracene	13.85	228	1098839	34.293	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	342349	27.827	ng	98
83) Chrysene	13.89	228	1118543	34.131	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	741605	37.871	ng	100
85) Di-n-octyl phthalate	14.45	149	1370684	37.823	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1277199	37.591	ng	100
88) Benzo(b)fluoranthene	14.87	252	1180336	32.825	ng	100
89) Benzo(k)fluoranthene	14.90	252	1109429	35.050	ng	99
90) Benzo(a)pyrene	15.22	252	1061552	34.167	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	1034319	37.129	ng	99
92) Benzo(g,h,i)perylene	17.06	276	1091032	40.061	ng	99

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

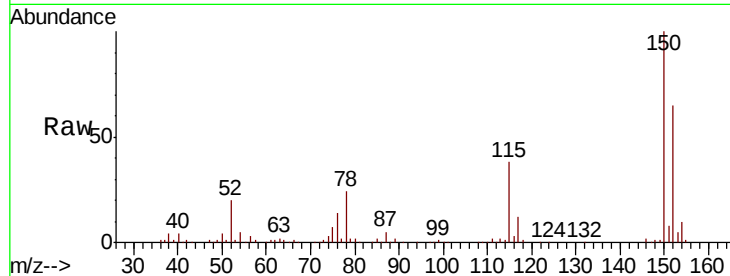


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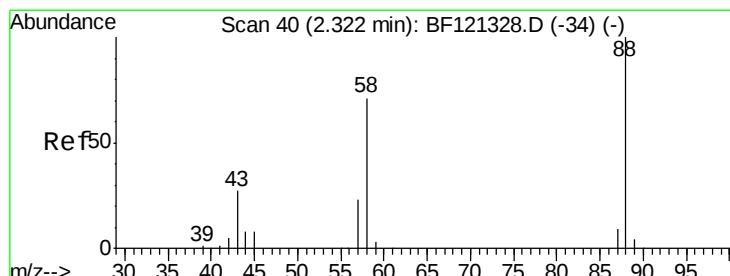
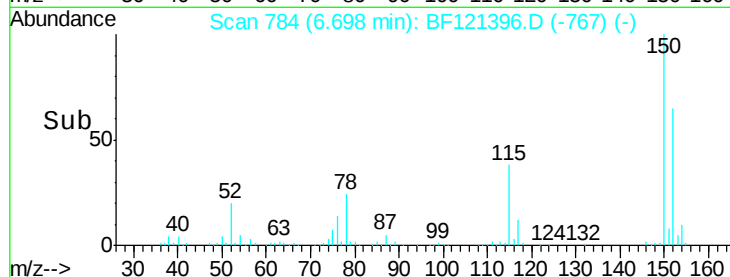
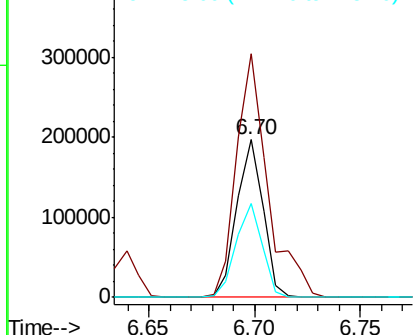
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion:152 Resp: 168348
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.0
115 59.3 47.0 70.6



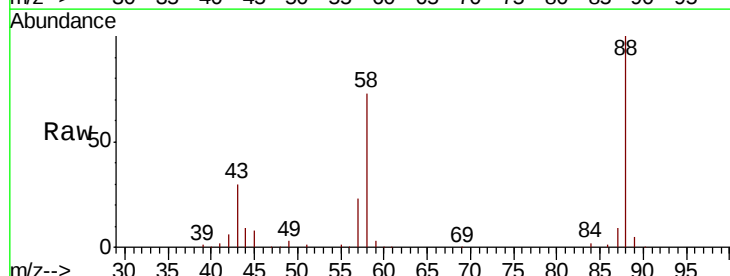
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



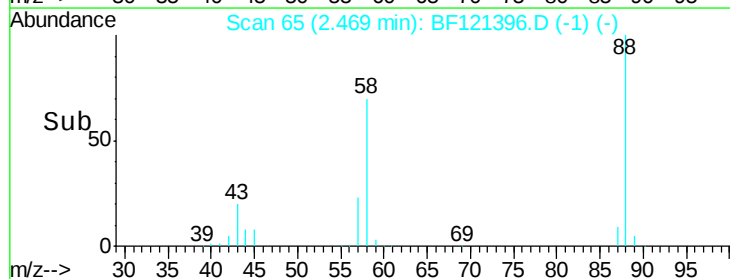
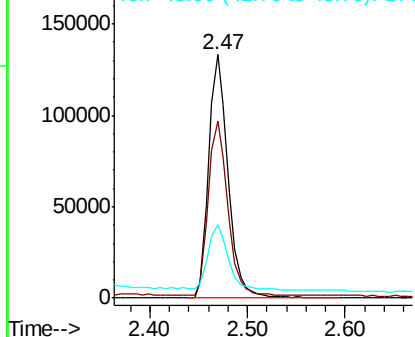
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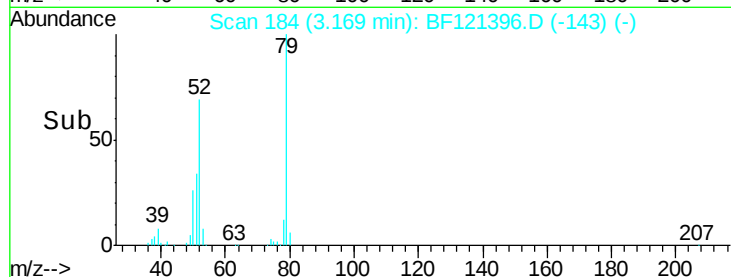
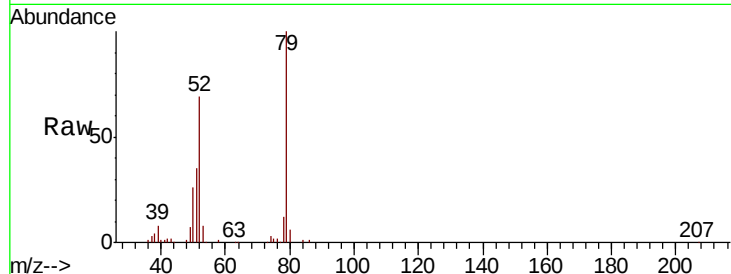
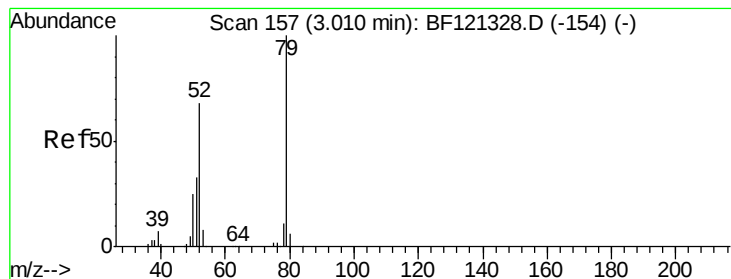
1,4-Dioxane
Concen: 39.577 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.14 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion: 88 Resp: 183871
Ion Ratio Lower Upper
88 100
58 71.5 58.6 88.0
43 27.6 22.4 33.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.954 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.14 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

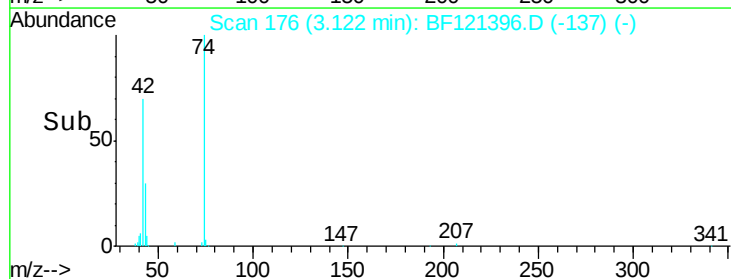
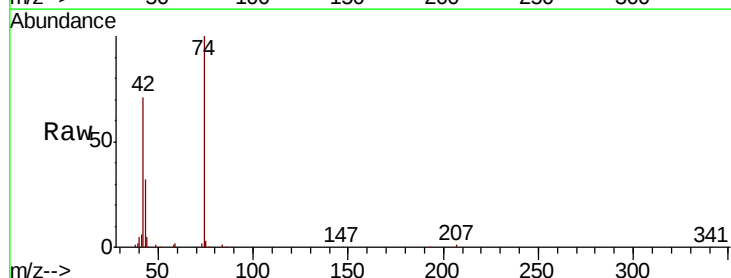
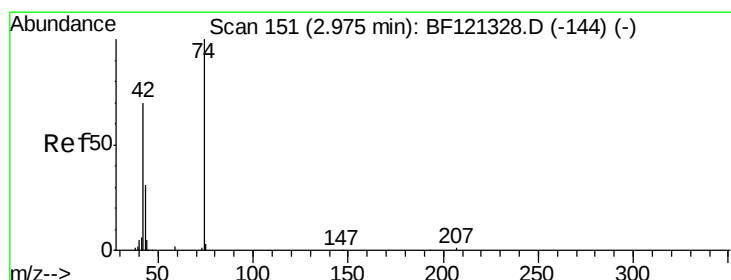
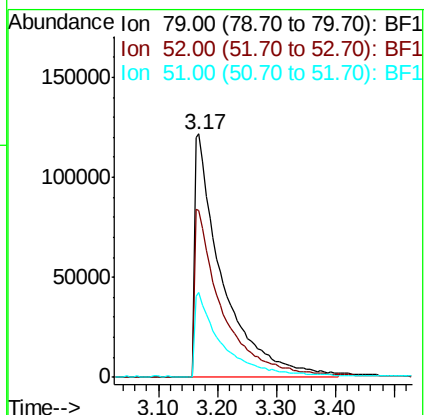
Tot Ion: 79 Resp: 398436

Ion Ratio Lower Upper

79 100

52 68.8 55.8 83.8

51 34.6 27.1 40.7



#4

n-Nitrosodimethylamine

Concen: 39.886 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.13 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

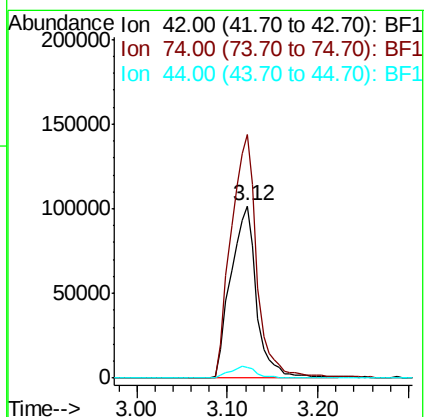
Tgt Ion: 42 Resp: 202428

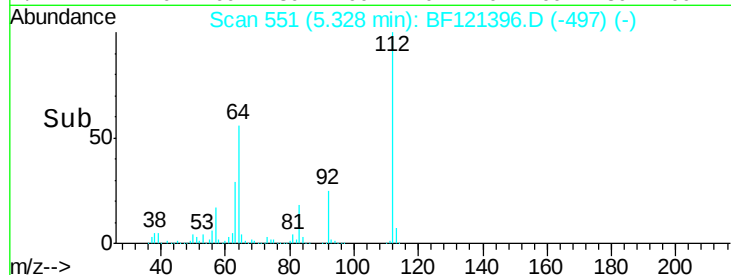
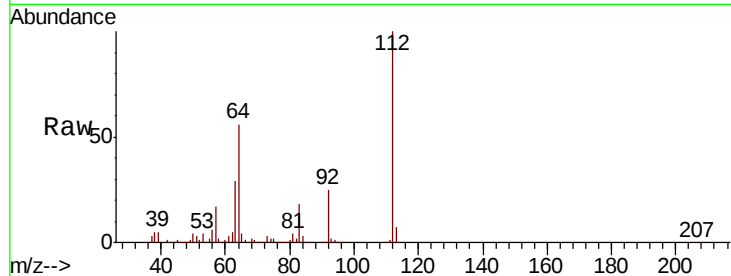
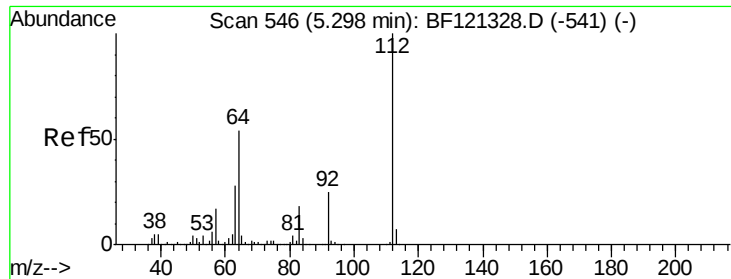
Ion Ratio Lower Upper

42 100

74 141.5 114.6 171.8

44 6.4 5.6 8.4





#5

2-Fluorophenol

Concen: 94.370 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

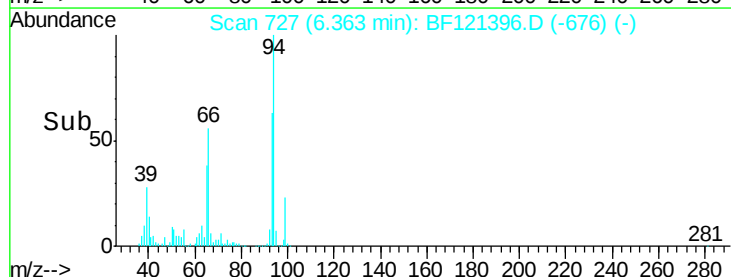
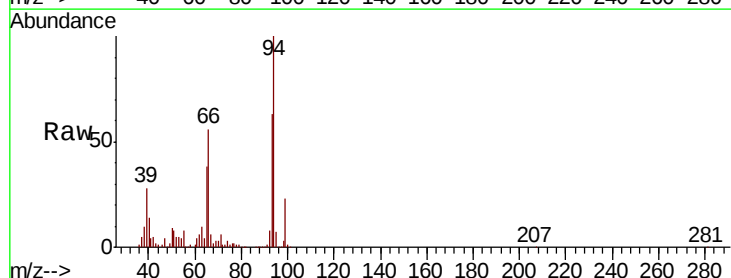
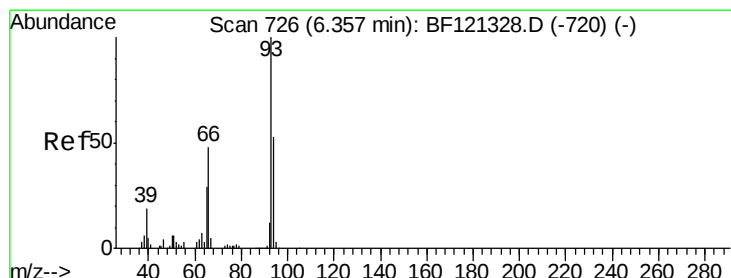
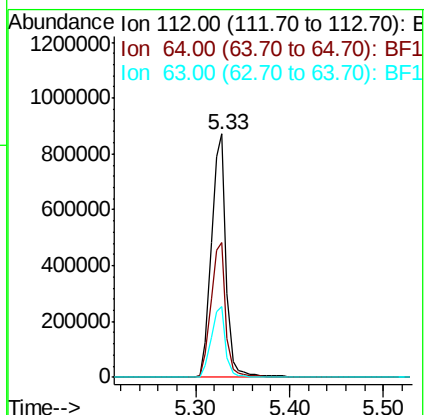
Tot Ion:112 Resp: 968873

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.4

63 29.0 21.4 32.2



#6

Aniline

Concen: 28.520 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

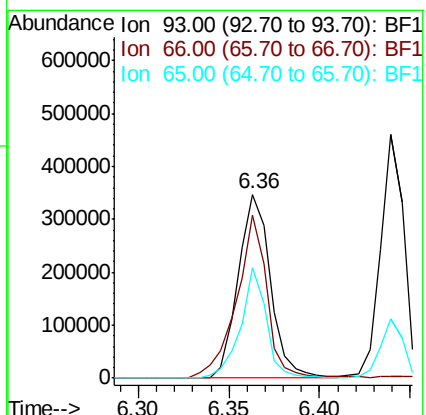
Tgt Ion: 93 Resp: 431622

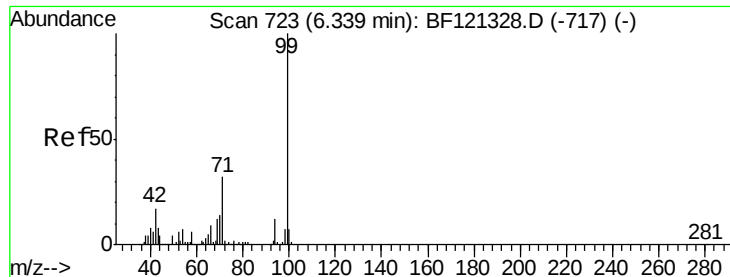
Ion Ratio Lower Upper

93 100

66 88.8 63.2 94.8

65 60.0 42.1 63.1





#7

Phenol-d6

Concen: 90.762 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

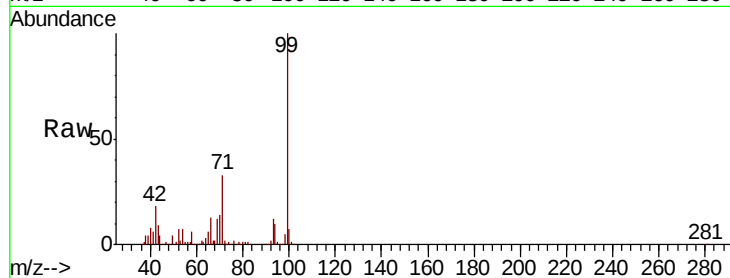
BNA_F

ClientSampleId :

PB131130BS

Tot Ion: 99 Resp: 1189569

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	32.8	25.5	38.3

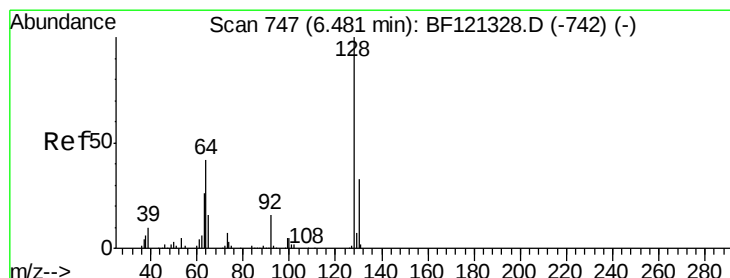
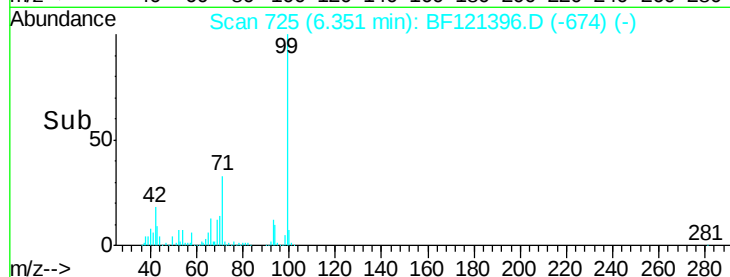
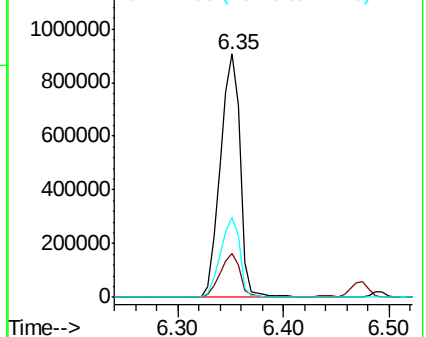


Abundance

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: 39.276 ng

RT: 6.49 min Scan# 749

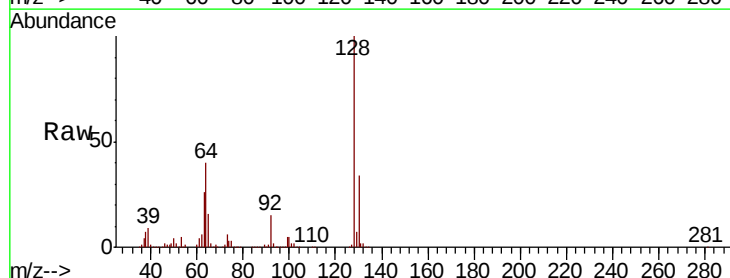
Delta R.T. 0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion: 128 Resp: 421451

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.8	51.8
64	40.2	26.3	66.3

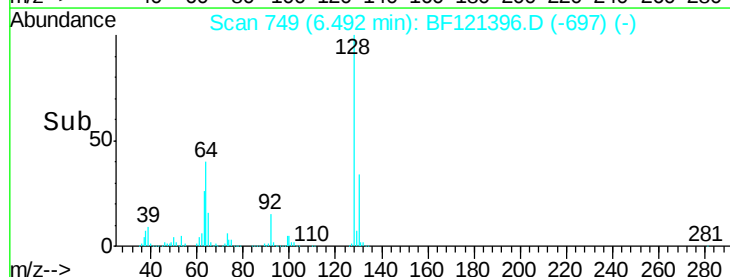
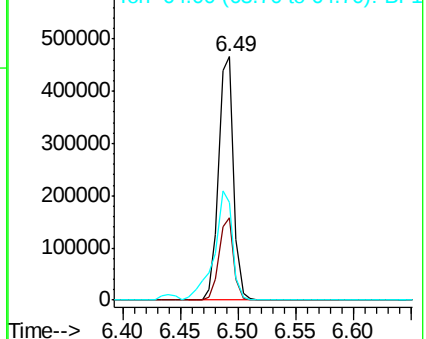


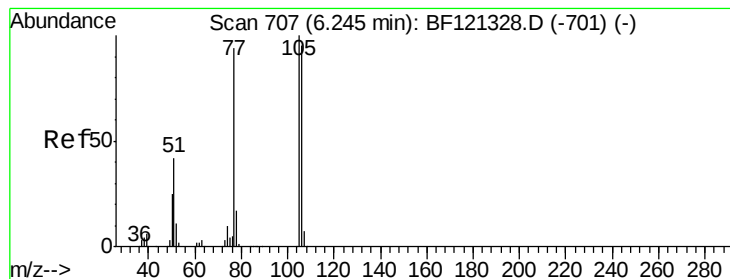
Abundance

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: 34.747 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

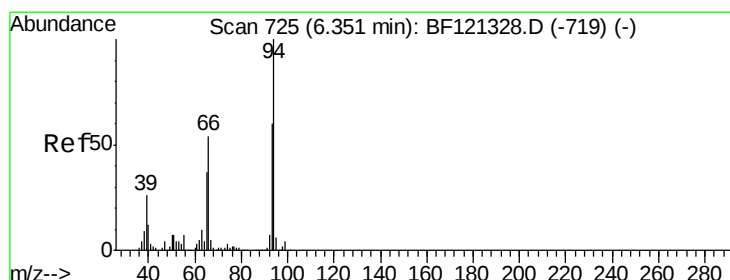
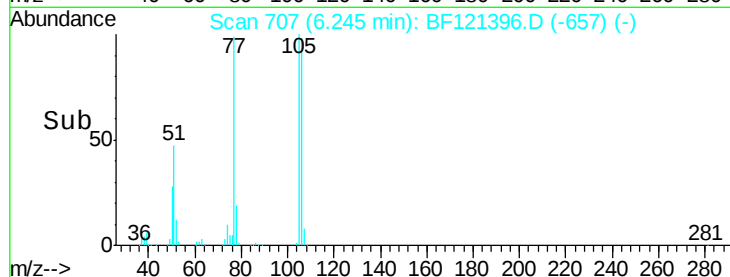
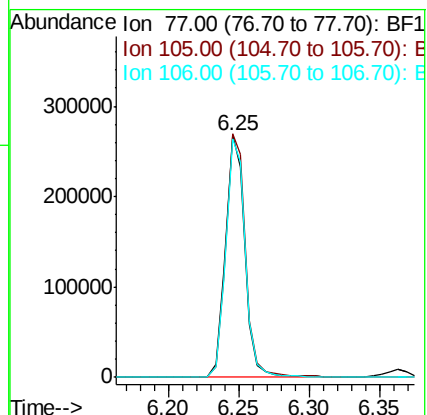
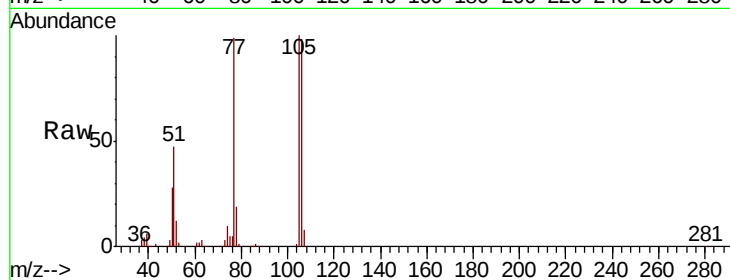
Tot Ion: 77 Resp: 256197

Ion Ratio Lower Upper

77 100

105 100.6 84.3 124.3

106 98.8 81.3 121.3



#10

Phenol

Concen: 35.338 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

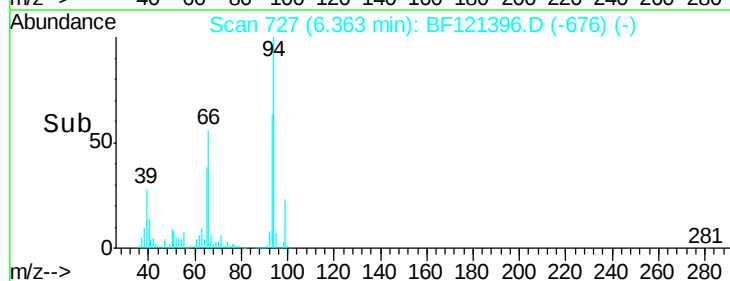
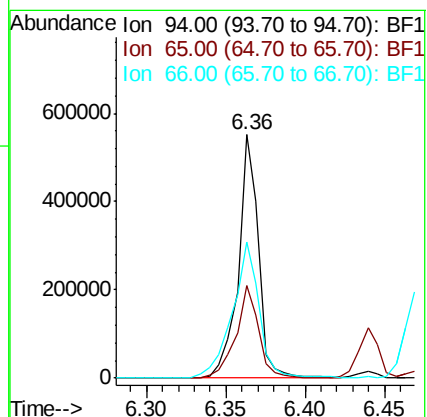
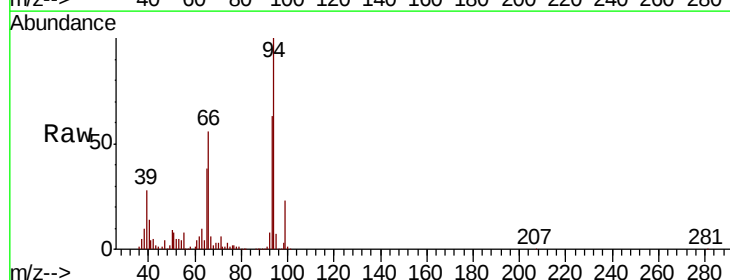
Tgt Ion: 94 Resp: 485641

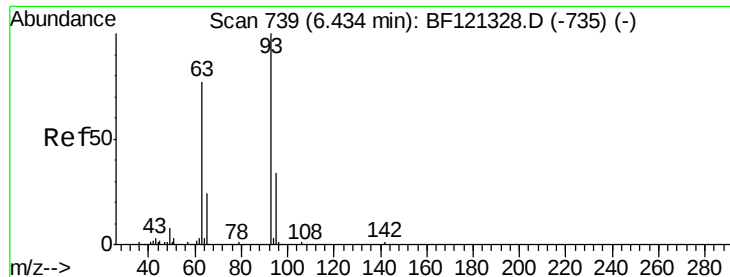
Ion Ratio Lower Upper

94 100

65 37.8 20.4 60.4

66 56.0 40.6 80.6

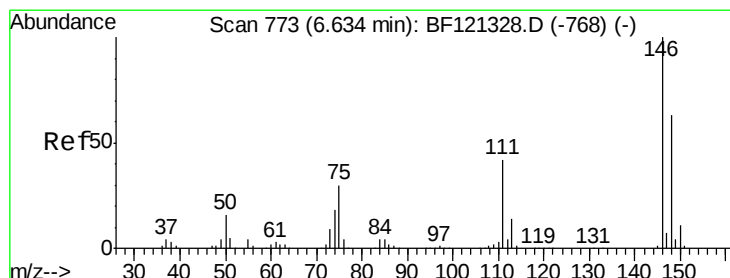
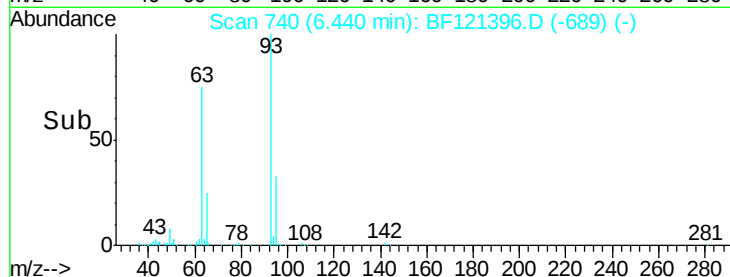
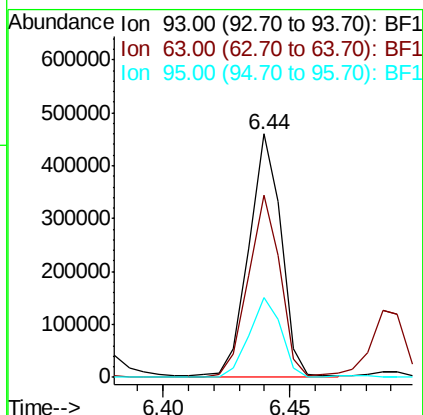
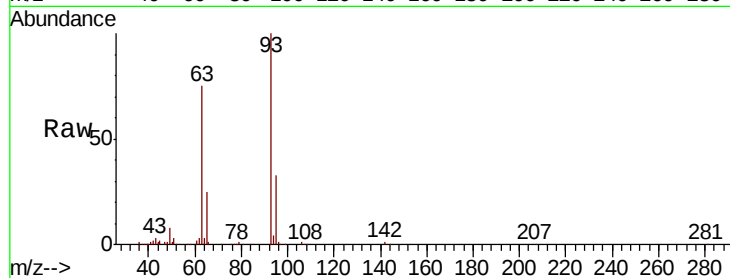




#11
bis(2-Chloroethyl)ether
Concen: 38.866 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

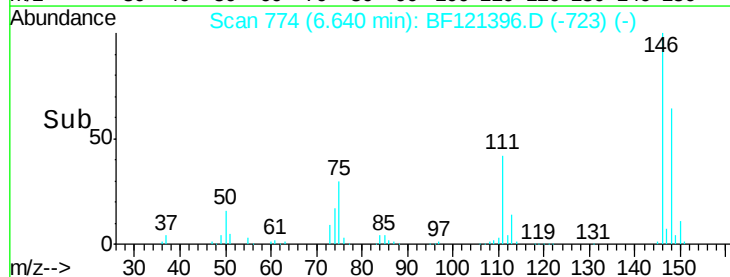
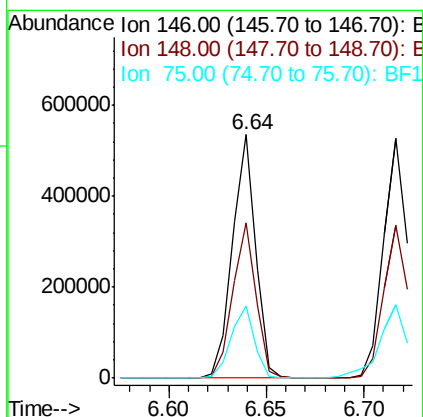
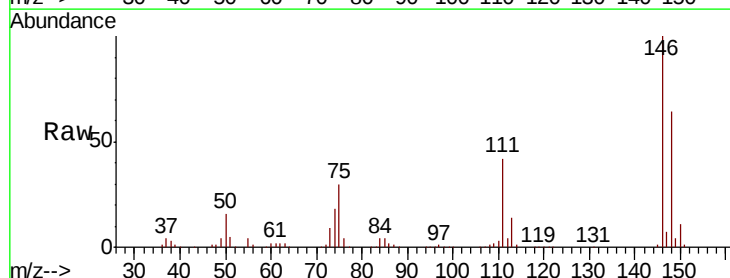
Instrument :
BNA_F
ClientSampleId :
PB131130BS

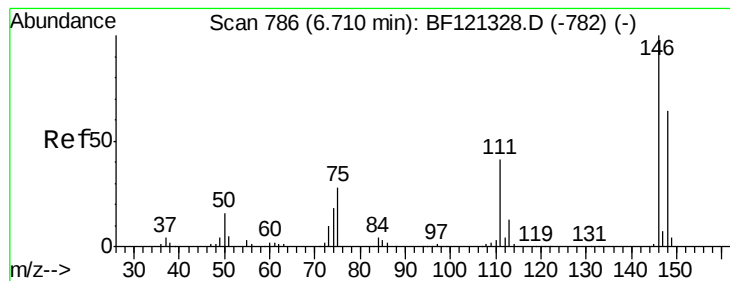
Tot Ion: 93 Resp: 411359
Ion Ratio Lower Upper
93 100
63 74.8 55.5 95.5
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.761 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion: 146 Resp: 441947
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 29.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 36.796 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

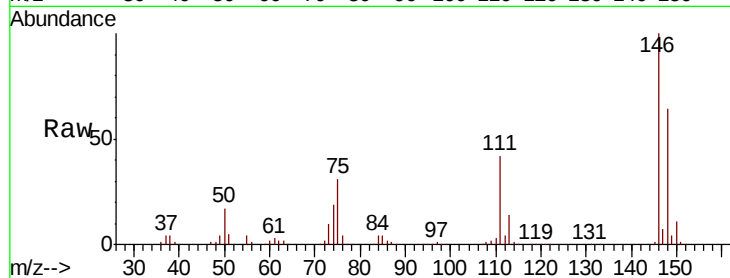
Tot Ion:146 Resp: 446577

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

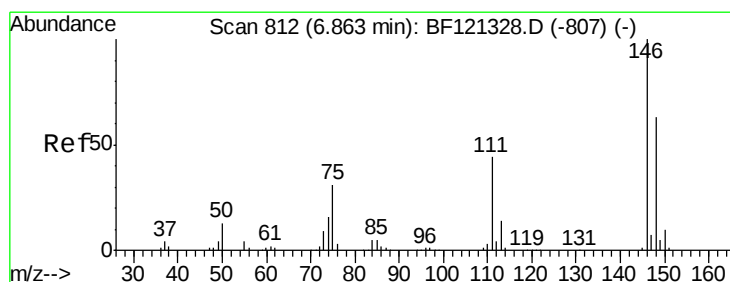
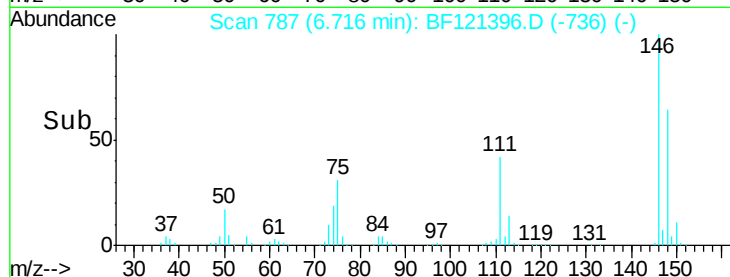
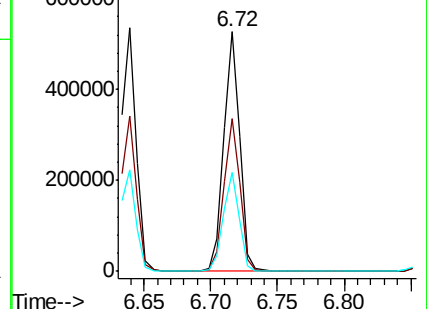
111 41.5 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.151 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

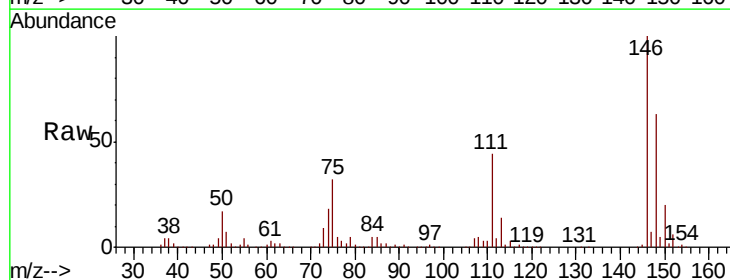
Tgt Ion:146 Resp: 394710

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

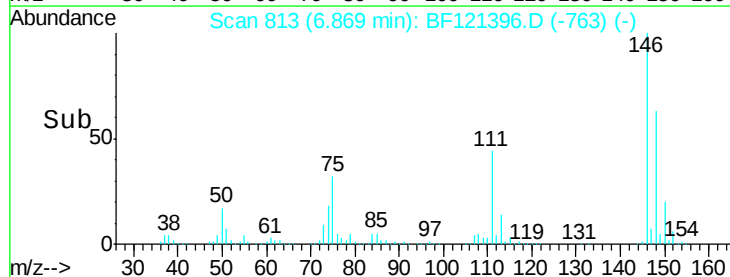
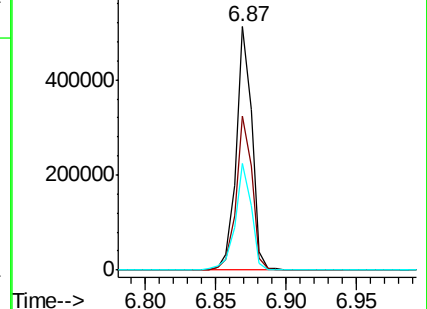
111 44.0 32.8 49.2

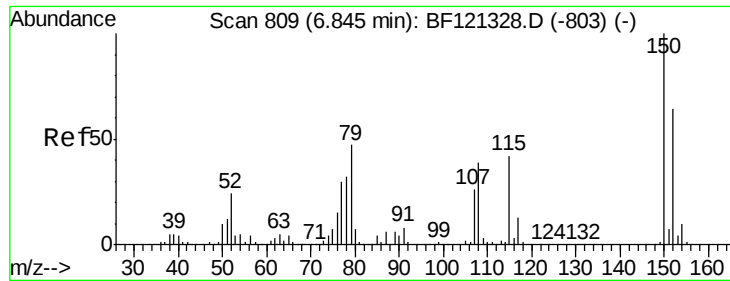


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

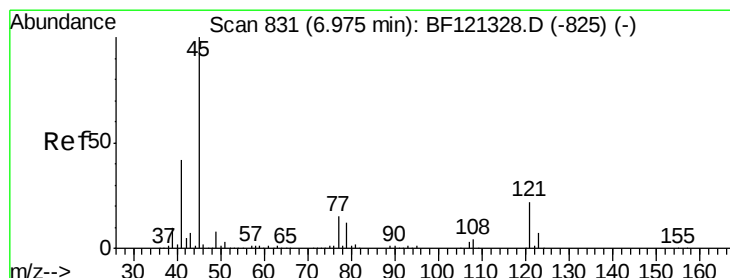
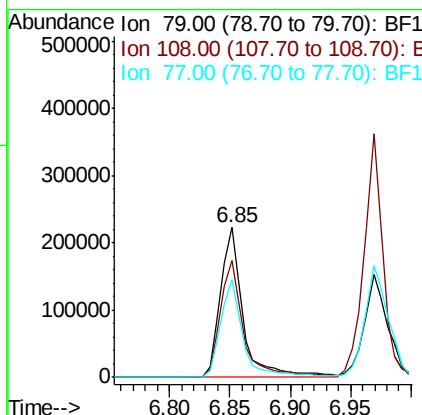
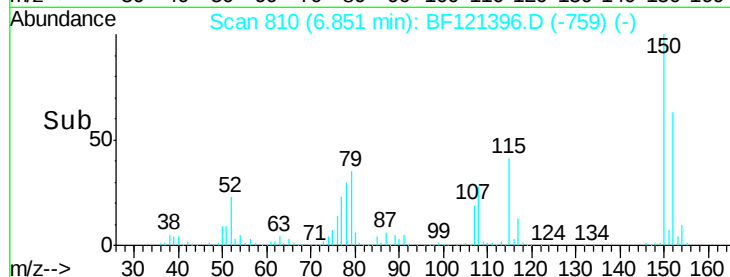
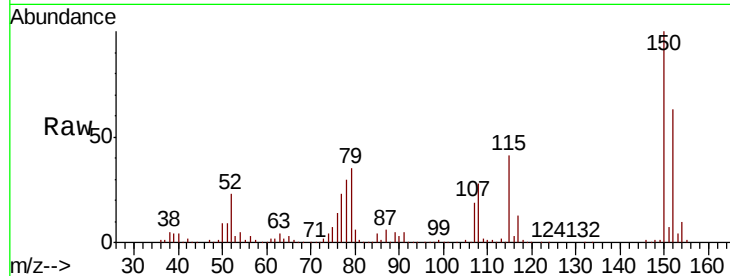




#15
Benzyl Alcohol
Concen: 36.798 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

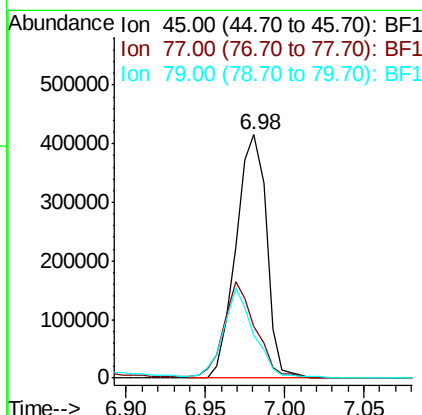
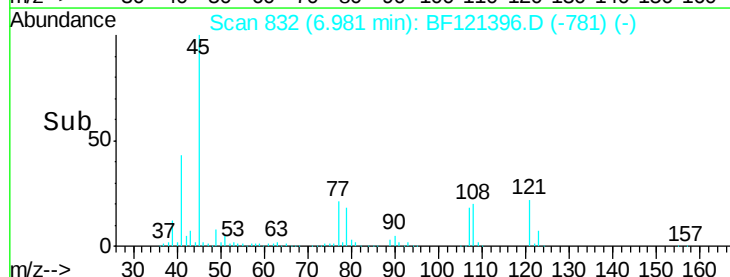
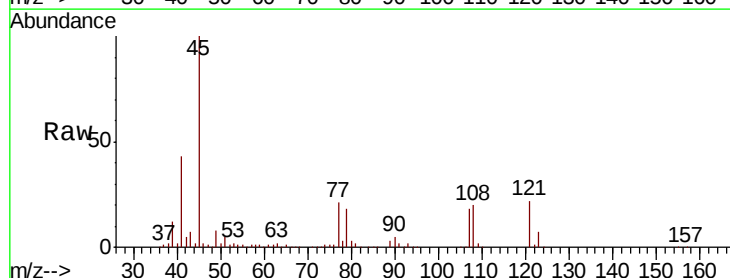
Instrument :
BNA_F
ClientSampleId :
PB131130BS

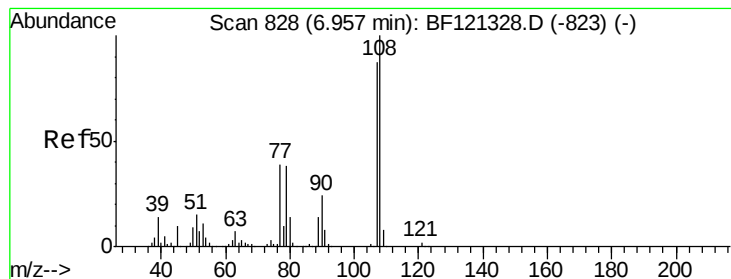
Tot Ion: 79 Resp: 290182
Ion Ratio Lower Upper
79 100
108 78.1 62.3 93.5
77 65.1 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.626 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion: 45 Resp: 555198
Ion Ratio Lower Upper
45 100
77 21.3 0.7 40.7
79 17.8 0.0 37.1





#17

2-Methylphenol

Concen: 38.708 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:107 Resp: 342720

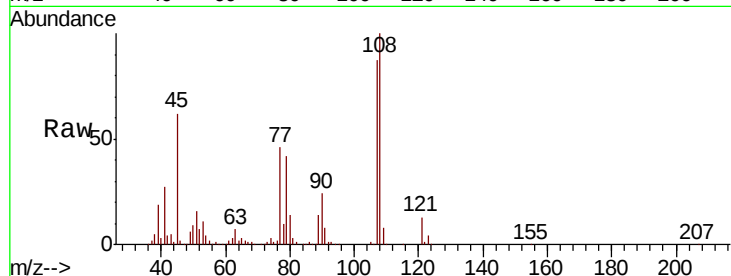
Ion Ratio Lower Upper

107 100

108 115.3 91.5 137.3

77 52.7 40.1 60.1

79 48.9 38.0 57.0

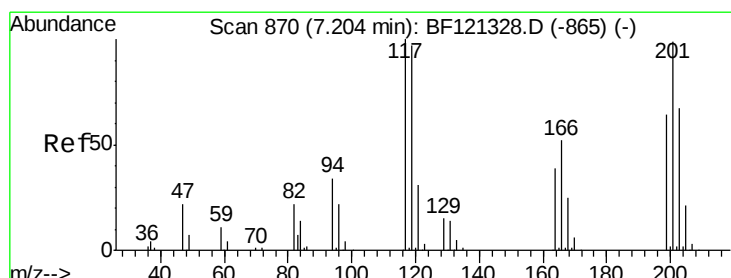
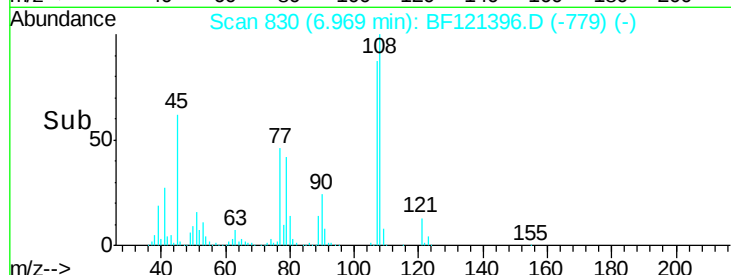
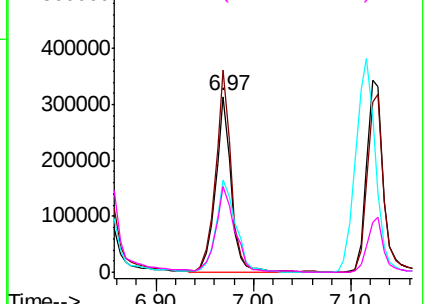


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.948 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

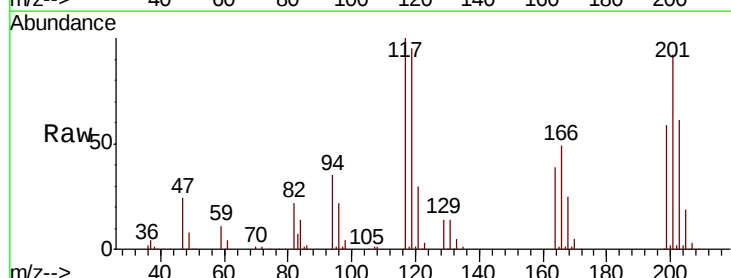
Tgt Ion:117 Resp: 166969

Ion Ratio Lower Upper

117 100

119 94.6 77.0 115.6

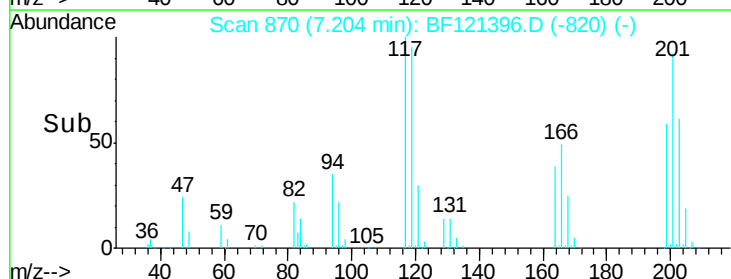
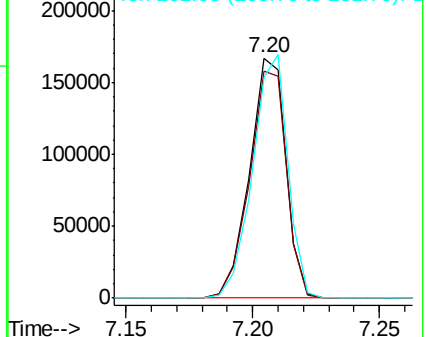
201 92.0 80.6 120.8

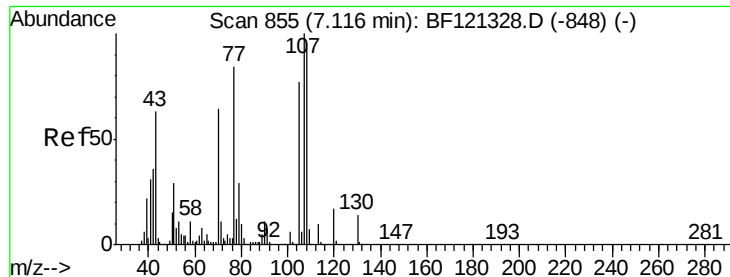


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

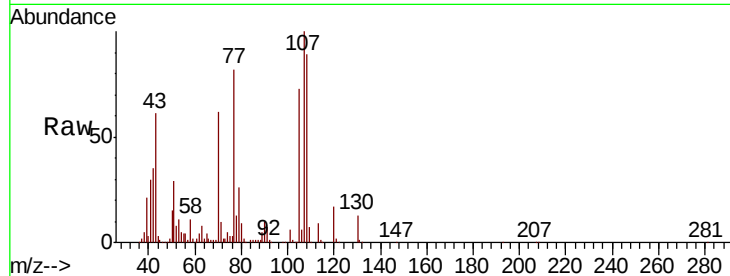




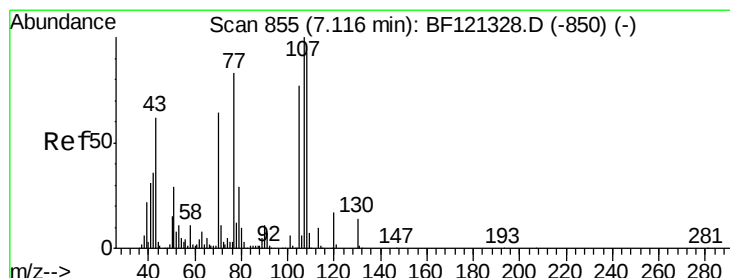
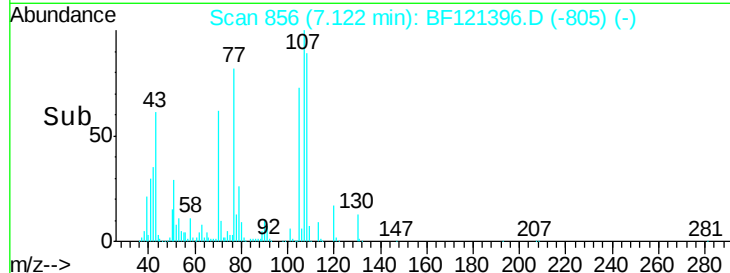
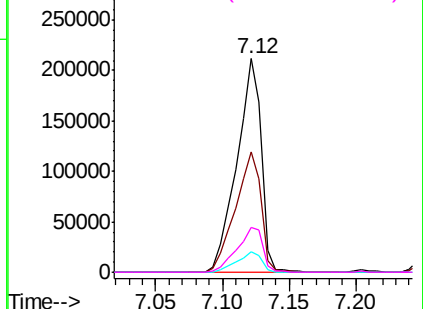
#19
n-Nitroso-di-n-propylamine
Concen: 38.273 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion: 70 Resp: 269781
Ion Ratio Lower Upper
70 100
42 56.5 46.9 70.3
101 9.4 7.7 11.5
130 21.0 17.2 25.8

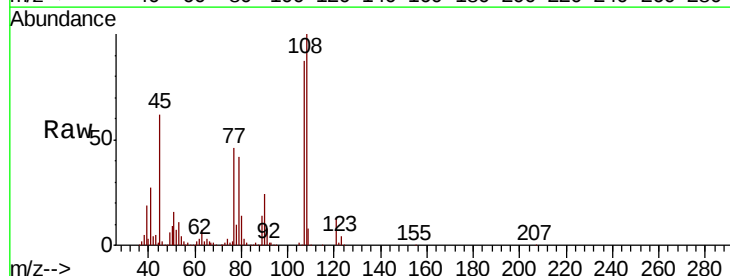


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

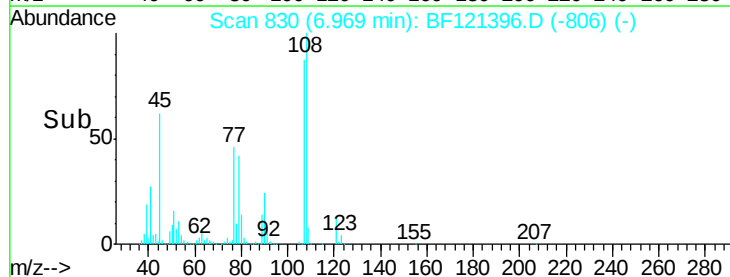
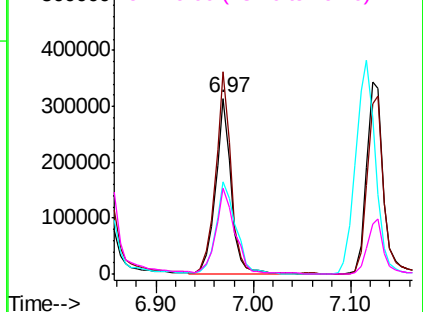


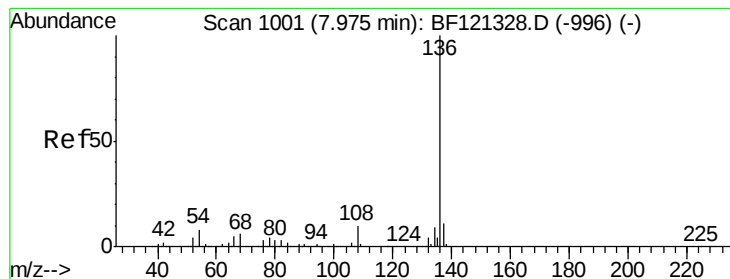
#20
3+4-Methylphenols
Concen: 37.529 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.16 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:107 Resp: 340752
Ion Ratio Lower Upper
107 100
108 115.3 76.0 116.0
77 52.7 26.5 66.5
79 48.9 10.0 50.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:136 Resp: 662530

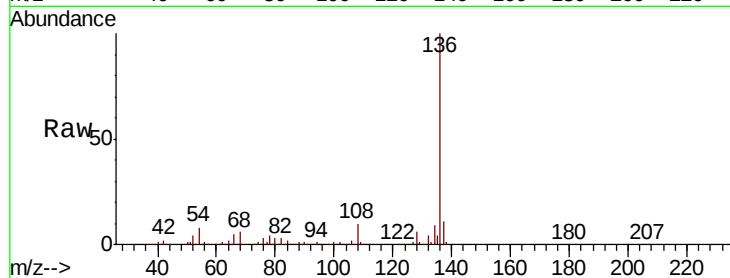
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.8 5.8 8.6

68 6.1 4.7 7.1

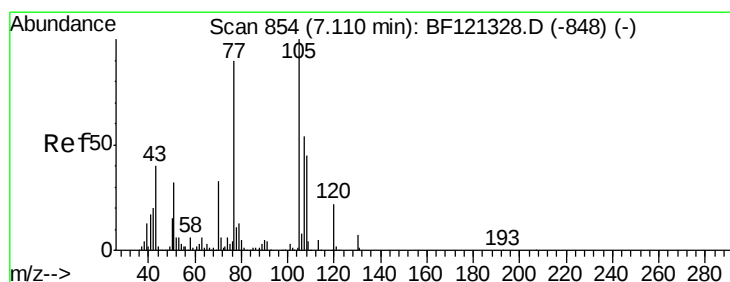
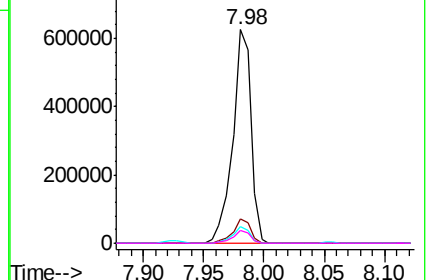
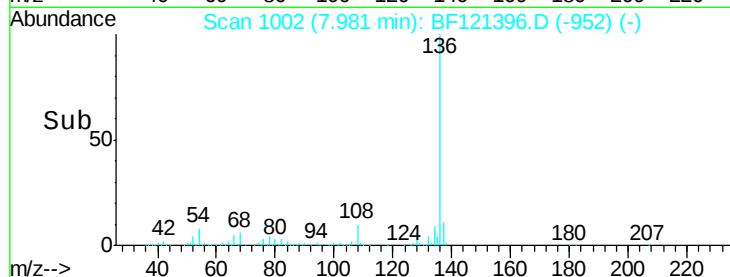


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.342 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:105 Resp: 562910

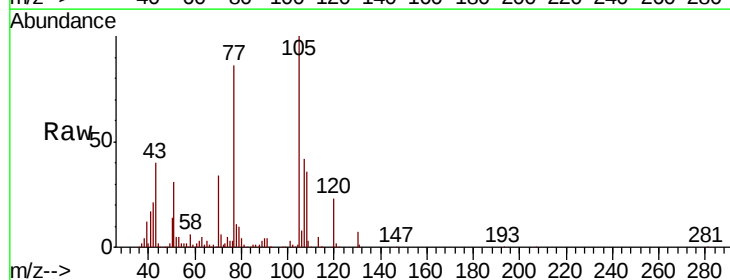
Ion Ratio Lower Upper

105 100

71 5.6 3.5 5.3#

51 31.0 23.9 35.9

120 22.5 17.9 26.9

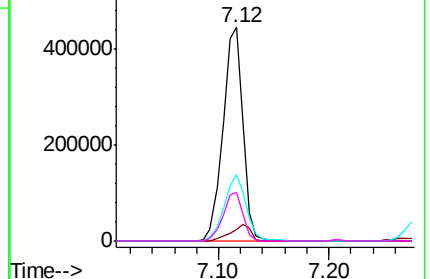
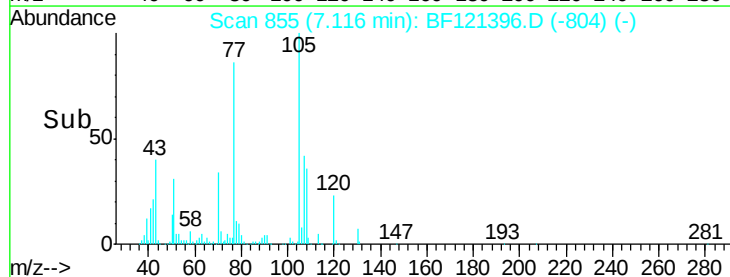


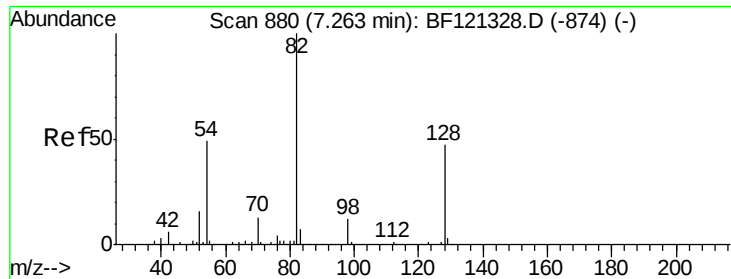
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

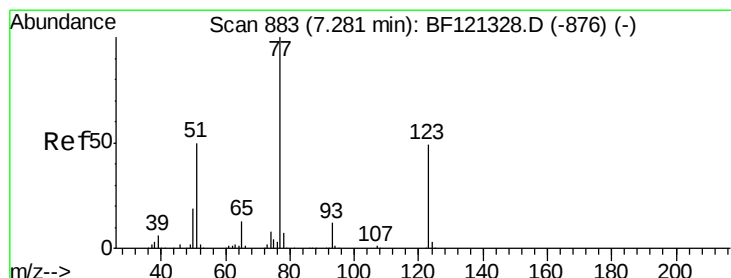
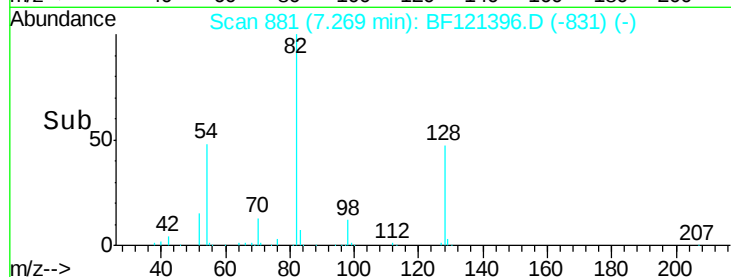
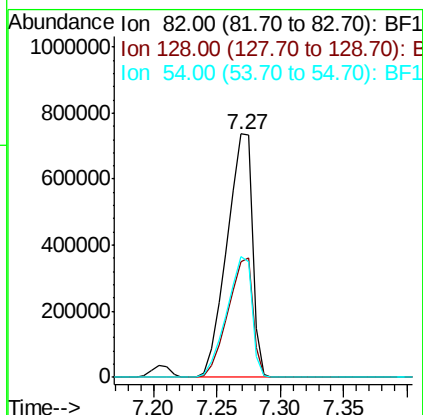
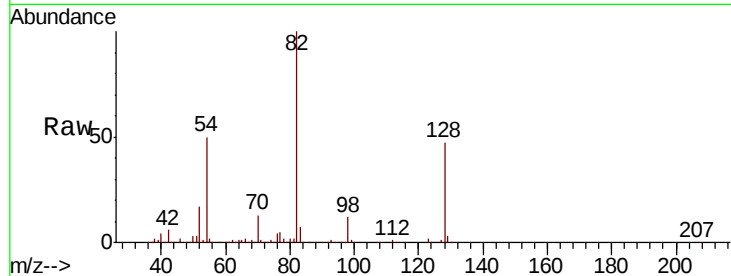




#23
 Nitrobenzene-d5
 Concen: 87.460 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

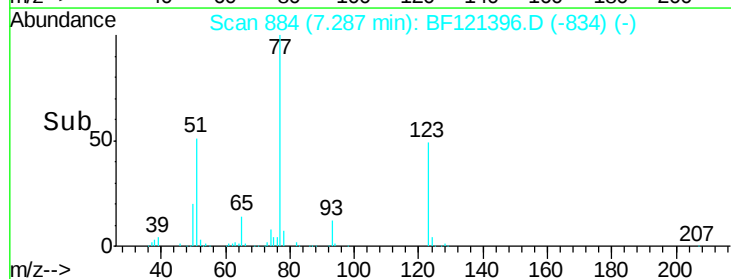
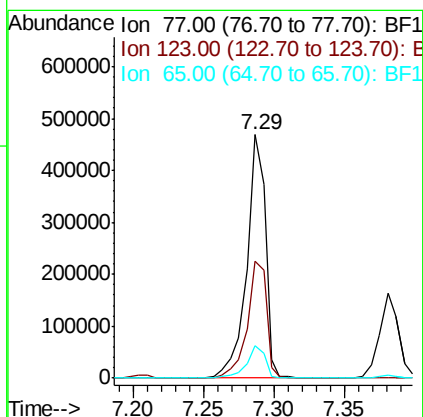
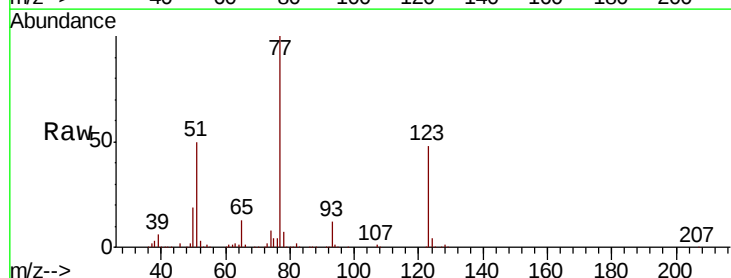
Instrument :
 BNA_F
 ClientSampleID :
 PB131130BS

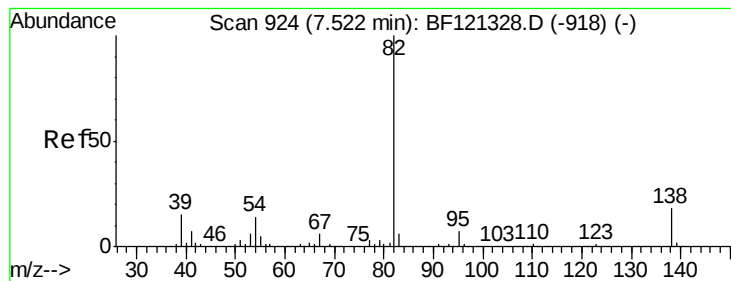
Tot Ion: 82 Resp: 1024549
 Ion Ratio Lower Upper
 82 100
 128 47.2 38.4 57.6
 54 49.5 39.0 58.6



#24
 Nitrobenzene
 Concen: 36.307 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion: 77 Resp: 433489
 Ion Ratio Lower Upper
 77 100
 123 48.1 42.0 63.0
 65 13.4 10.4 15.6





#25

Isophorone

Concen: 37.936 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

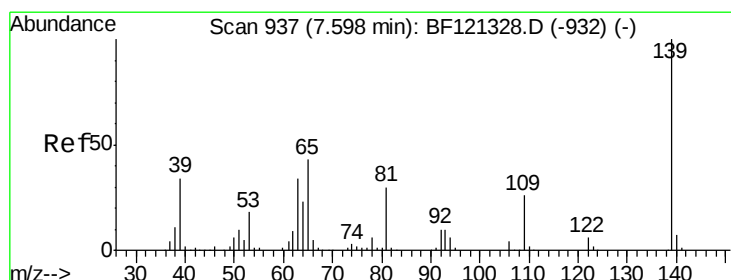
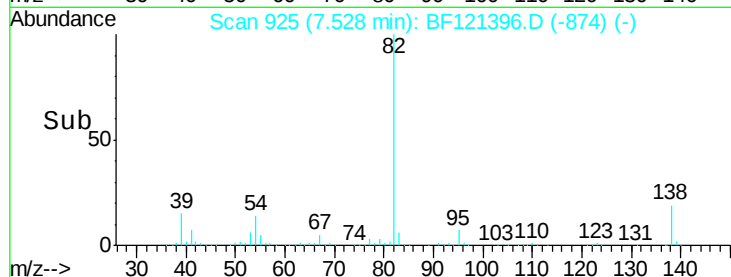
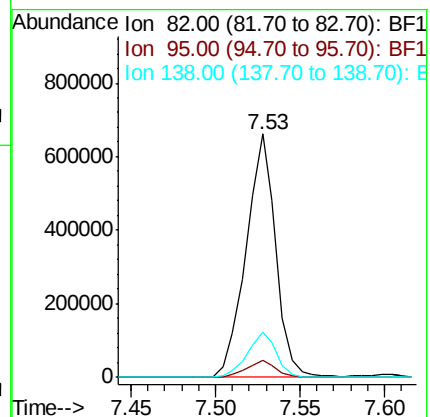
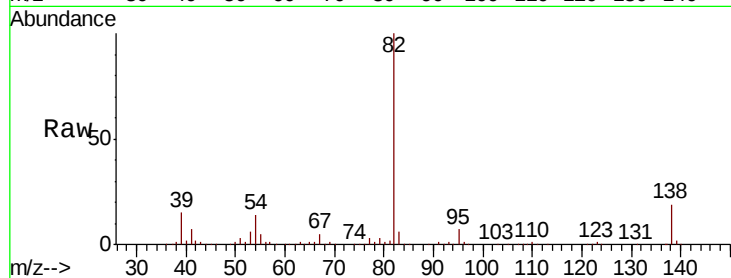
Tot Ion: 82 Resp: 808754

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 15.0 22.6



#26

2-Nitrophenol

Concen: 39.241 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

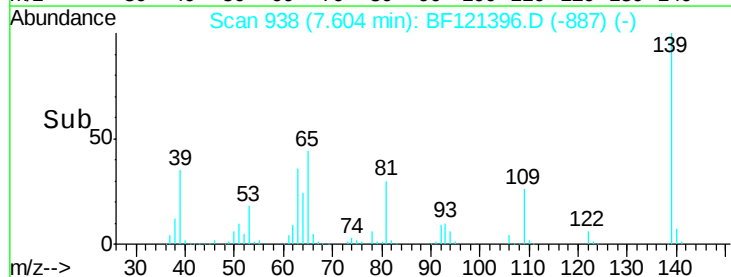
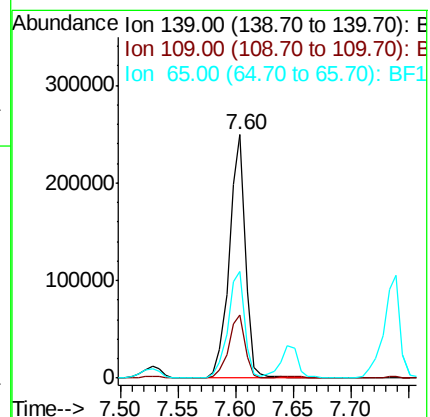
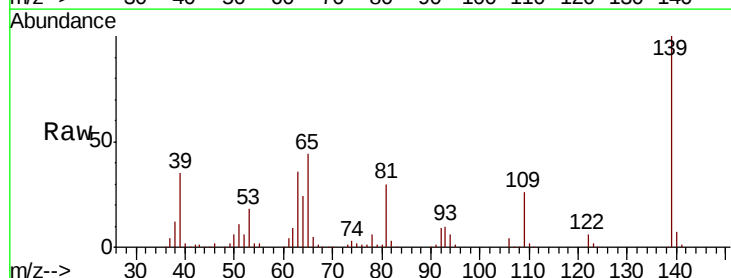
Tgt Ion: 139 Resp: 240287

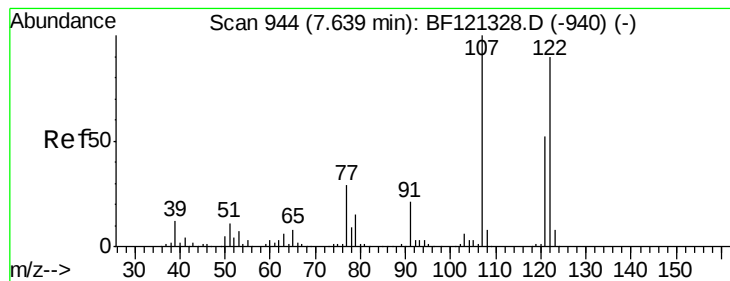
Ion Ratio Lower Upper

139 100

109 26.1 21.2 31.8

65 43.8 37.0 55.6





#27

2,4-Dimethylphenol

Concen: 43.444 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

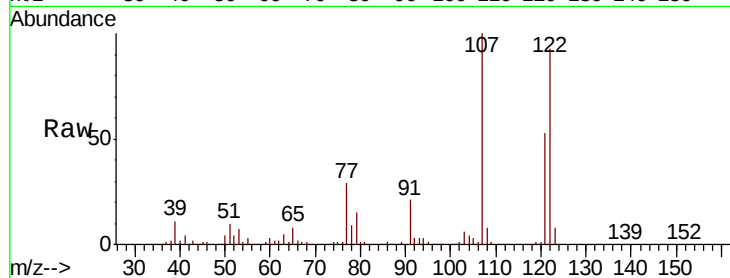
Tot Ion:122 Resp: 379593

Ion Ratio Lower Upper

122 100

107 107.4 85.1 127.7

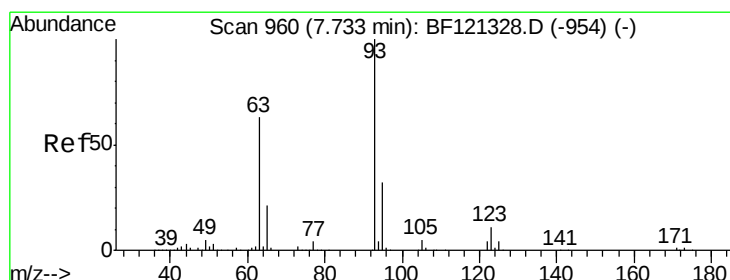
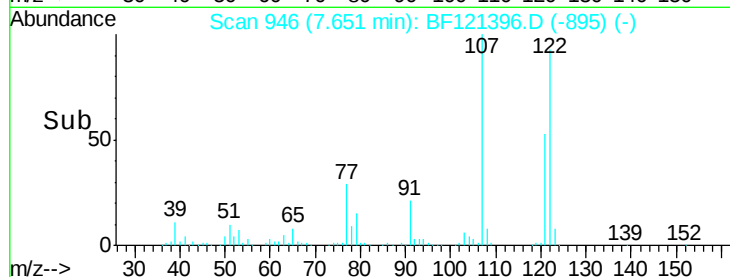
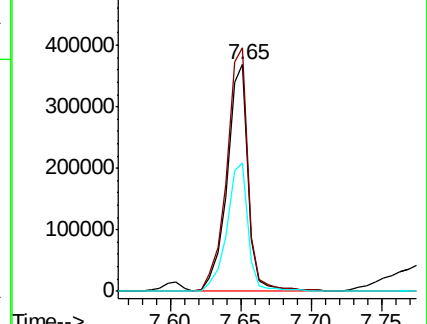
121 56.8 44.9 67.3



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: 35.709 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

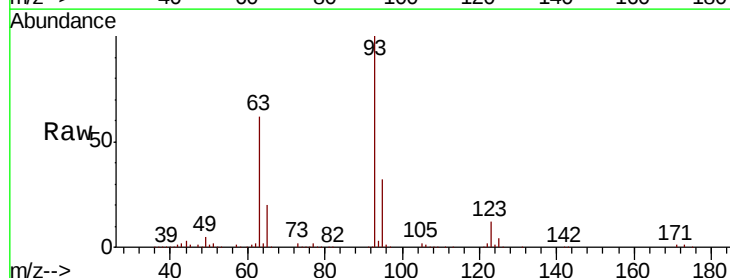
Tgt Ion: 93 Resp: 518221

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

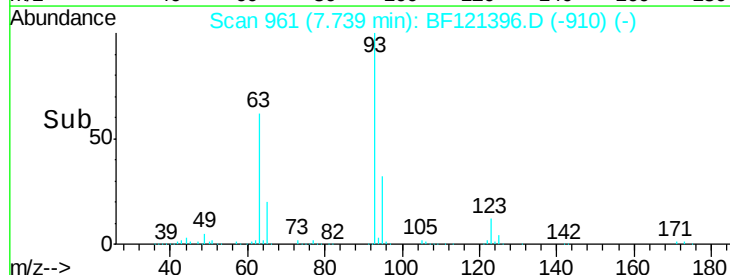
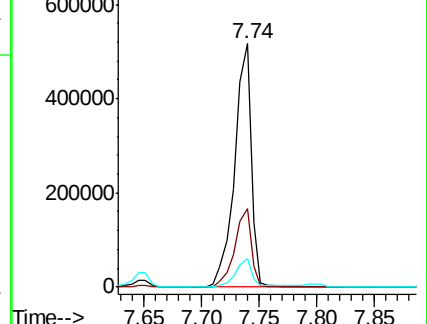
123 11.7 9.4 14.0

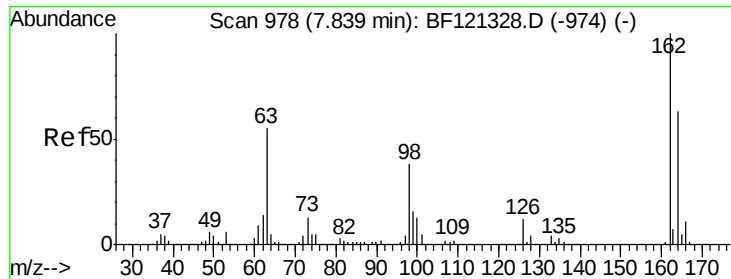


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

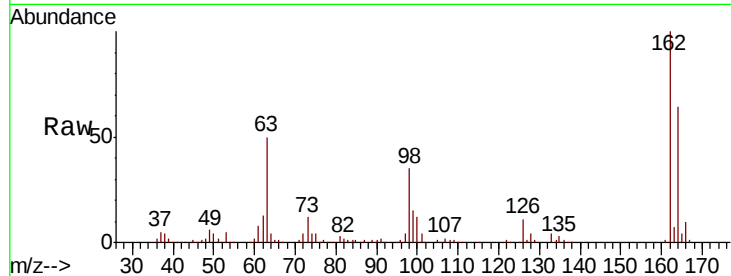




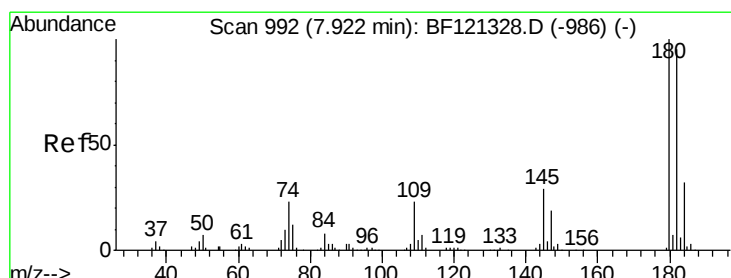
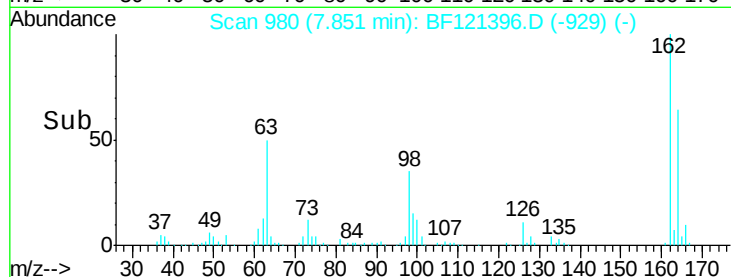
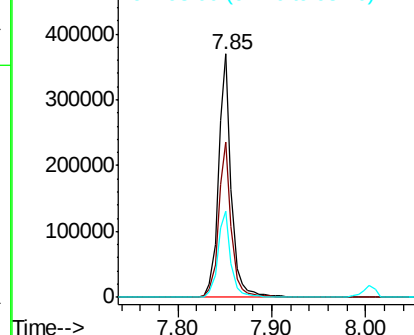
#29
2,4-Dichlorophenol
Concen: 37.373 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	35.4	16.1	56.1

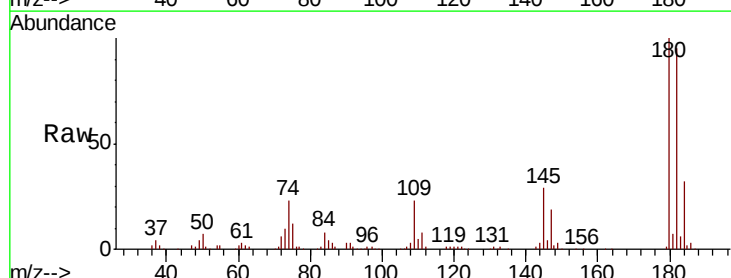


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

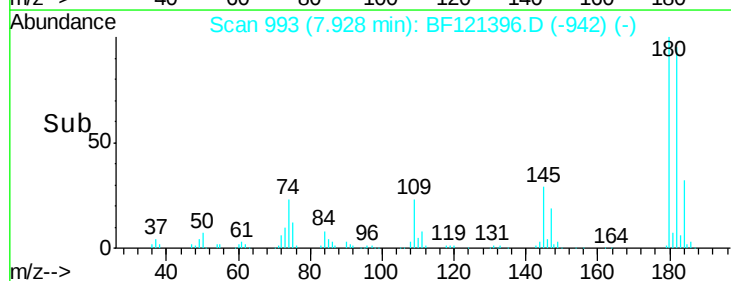
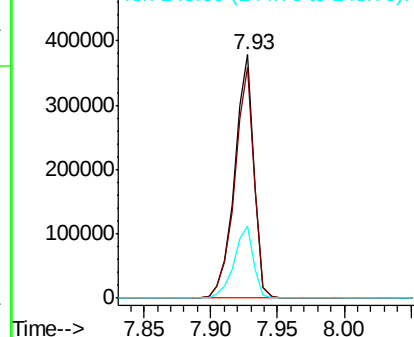


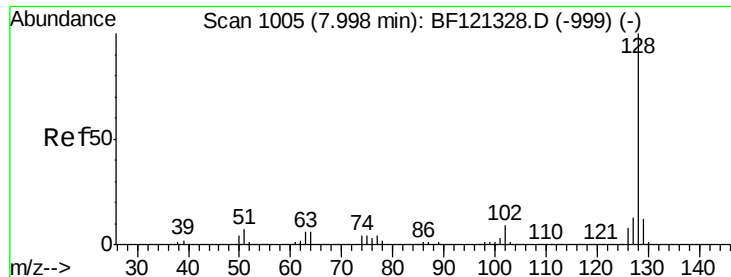
#30
1,2,4-Trichlorobenzene
Concen: 35.483 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.0	112.6
145	29.5	24.1	36.1



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

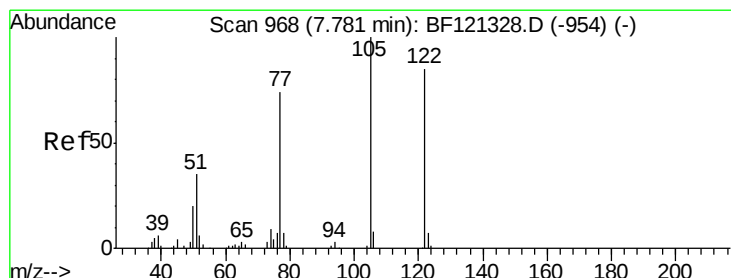
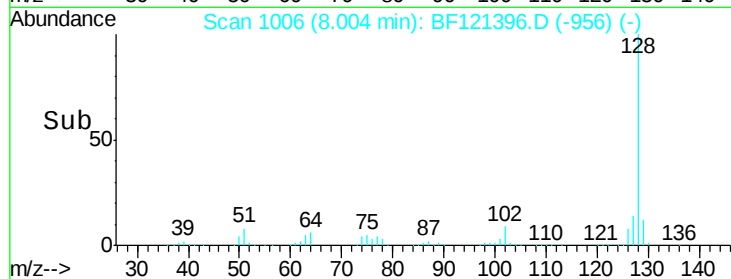
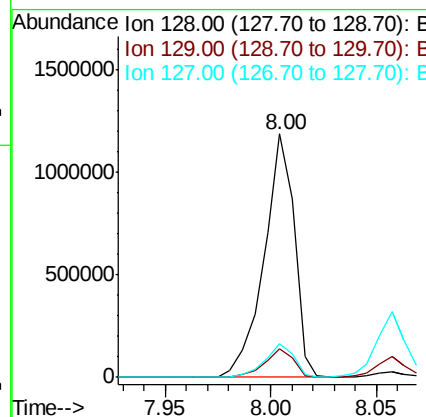
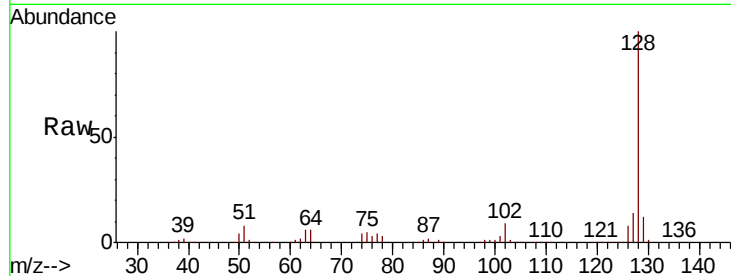




#31
Naphthalene
Concen: 35.918 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

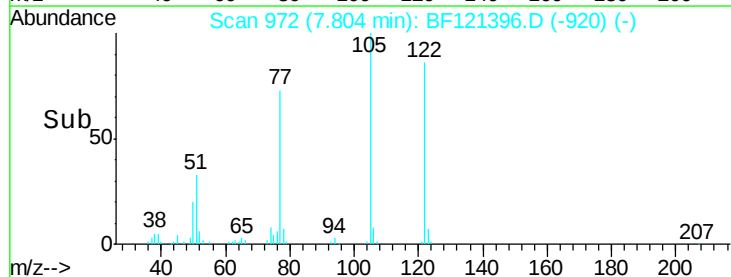
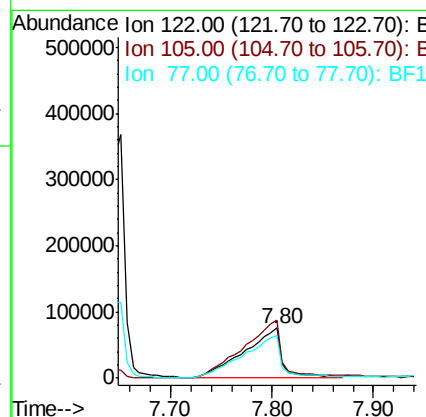
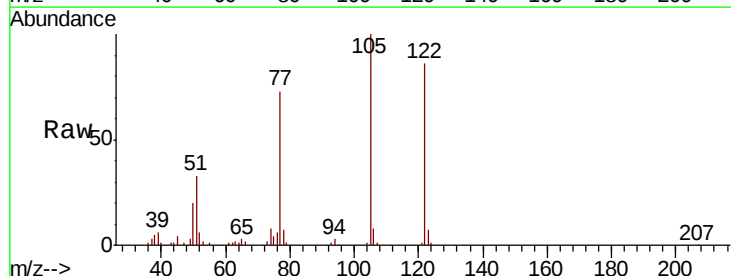
Instrument :
BNA_F
ClientSampleId :
PB131130BS

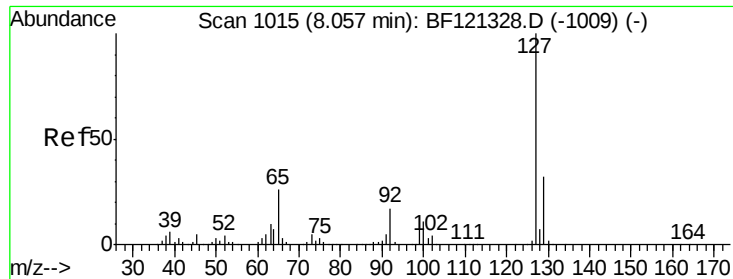
Tot Ion:128 Resp: 1184360
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 30.991 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:122 Resp: 191652
Ion Ratio Lower Upper
122 100
105 116.0 98.8 138.8
77 85.1 66.3 106.3

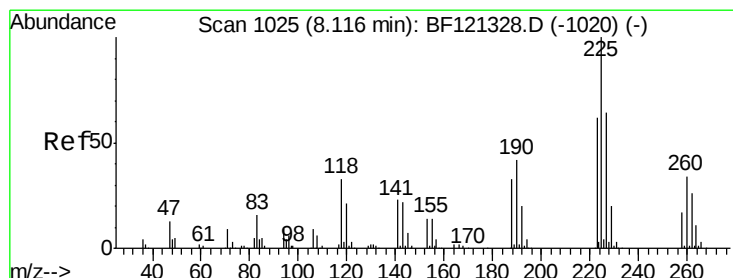
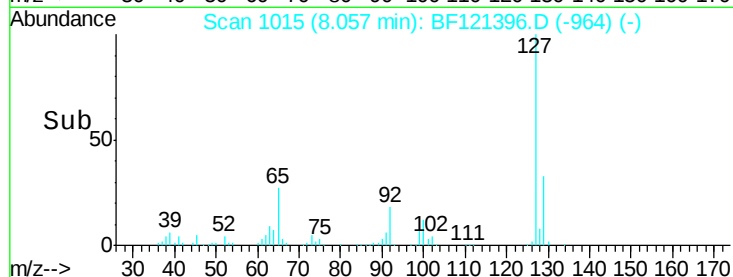
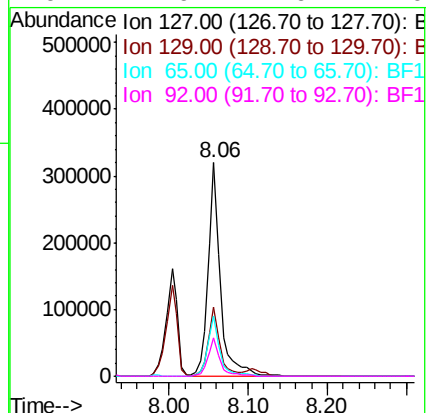
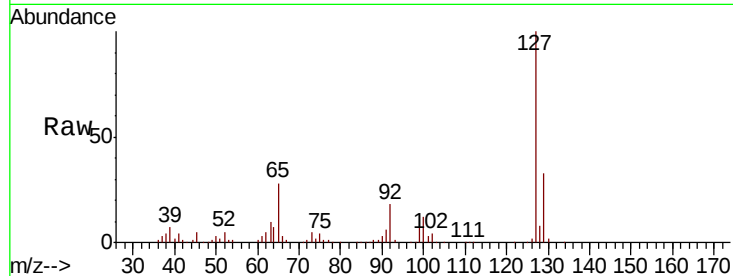




#33
4-Chloroaniline
Concen: 23.707 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

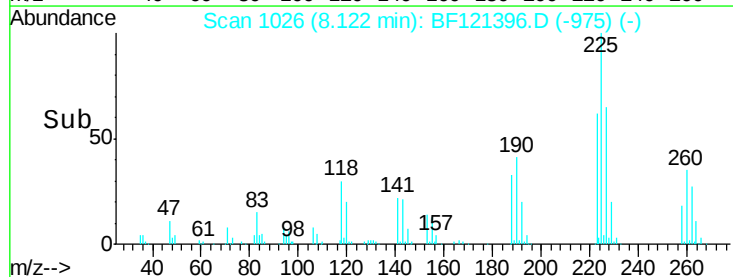
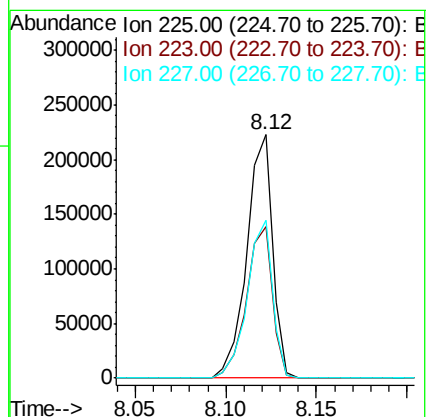
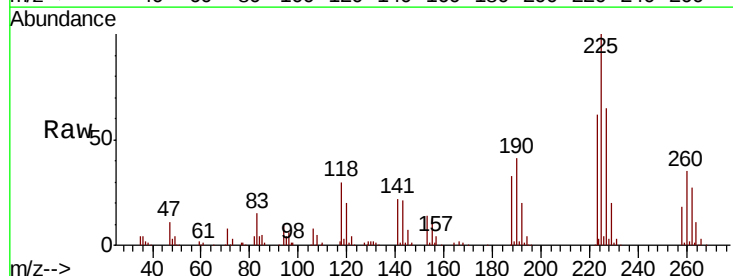
Instrument :
BNA_F
ClientSampleId :
PB131130BS

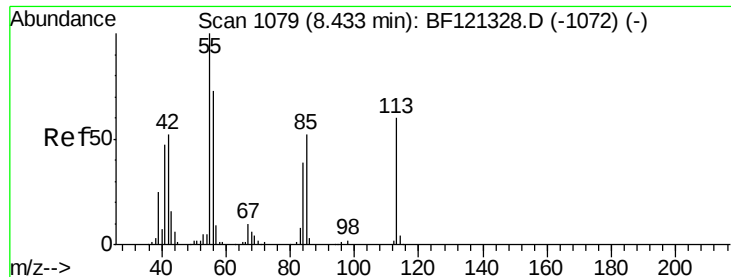
Tot Ion:	127	Resp:	346144
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	27.9	23.7	35.5
92	17.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 34.071 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:	225	Resp:	219955
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.2	76.8
227	64.7	51.8	77.8

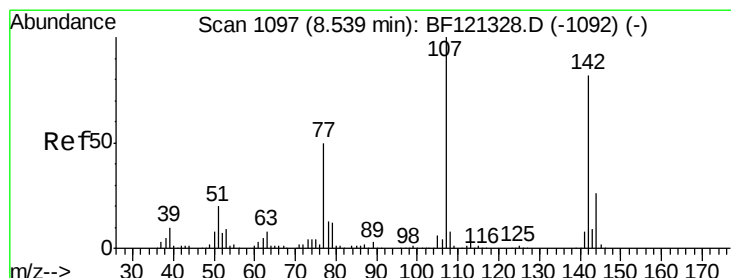
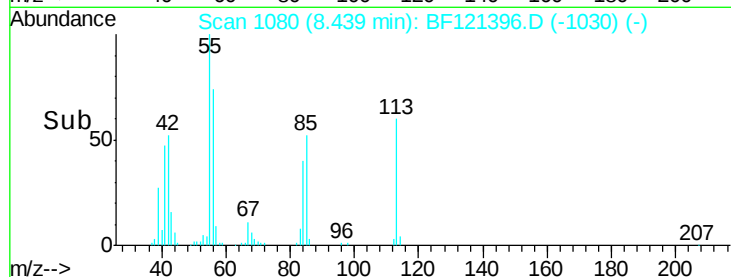
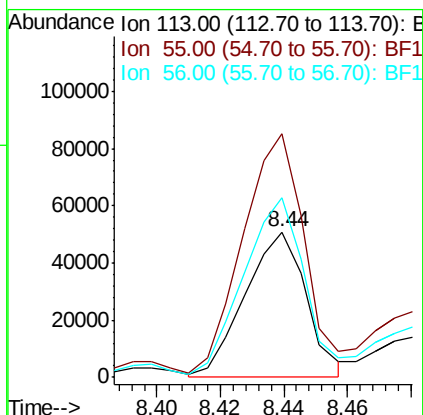
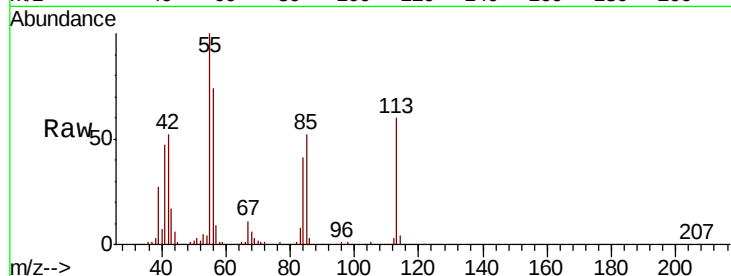




#35
 Caprolactam
 Concen: 21.758 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

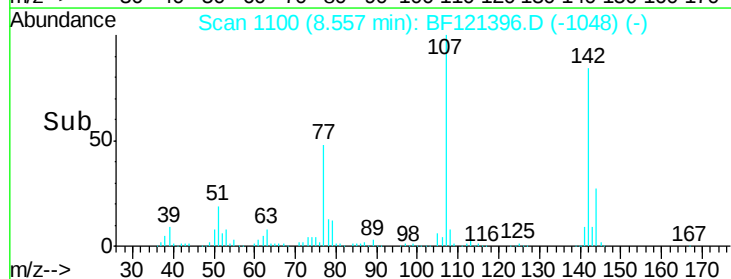
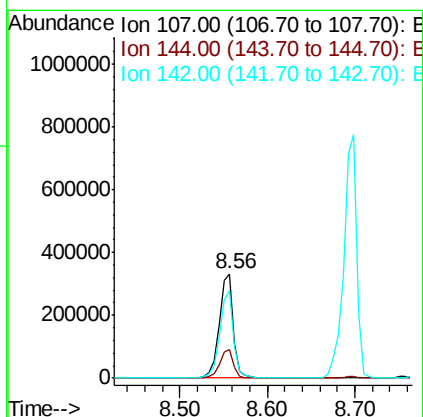
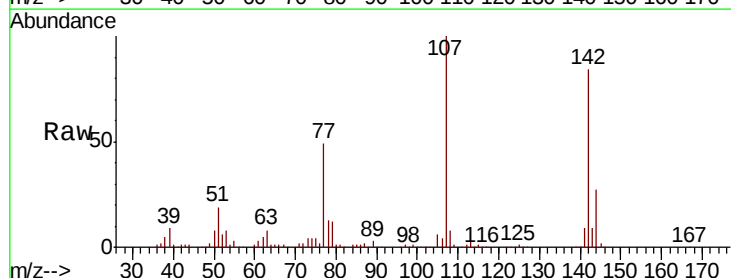
Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

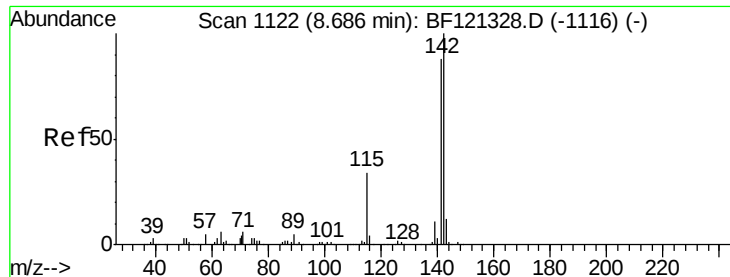
Tot Ion:113 Resp: 67979
 Ion Ratio Lower Upper
 113 100
 55 167.5 147.4 187.4
 56 123.8 102.7 142.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.549 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion:107 Resp: 371930
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.7 31.1
 142 84.0 65.4 98.2

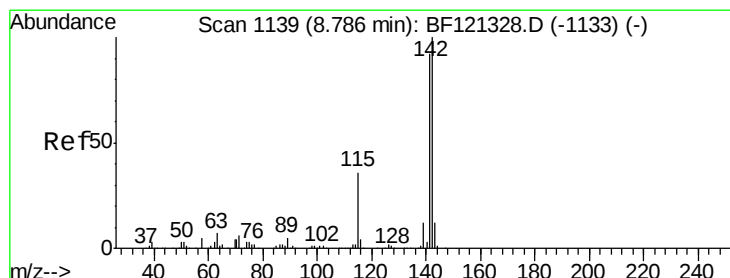
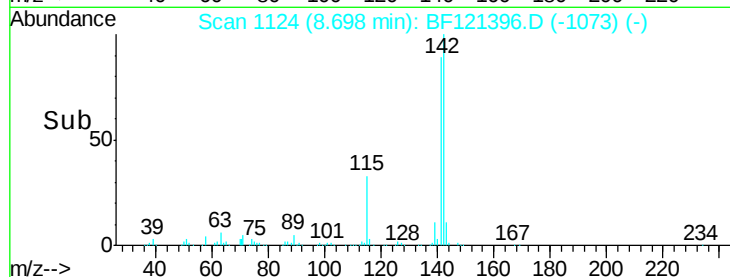
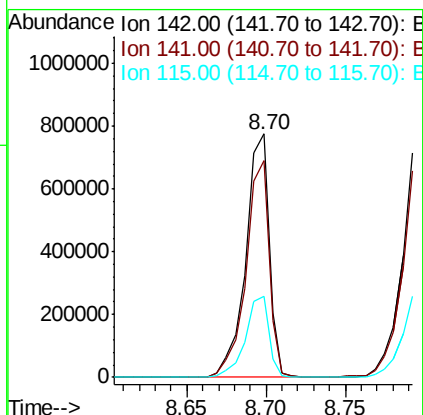
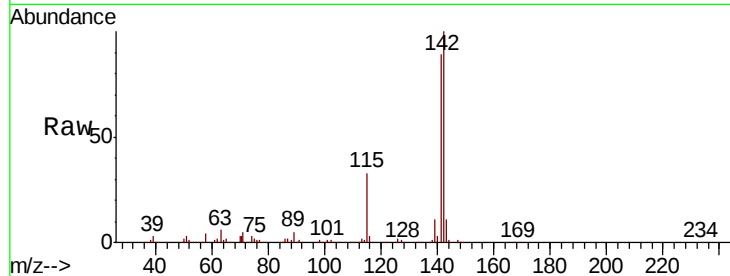




#37
2-Methylnaphthalene
Concen: 37.201 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

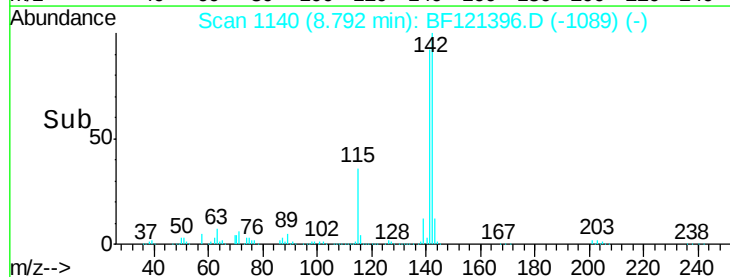
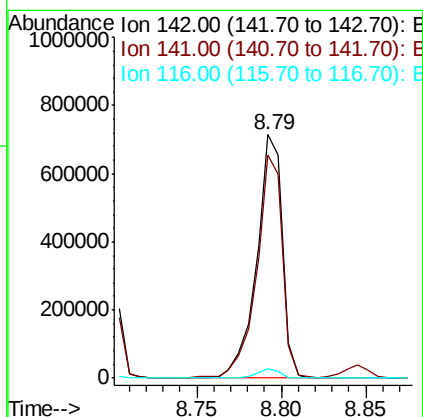
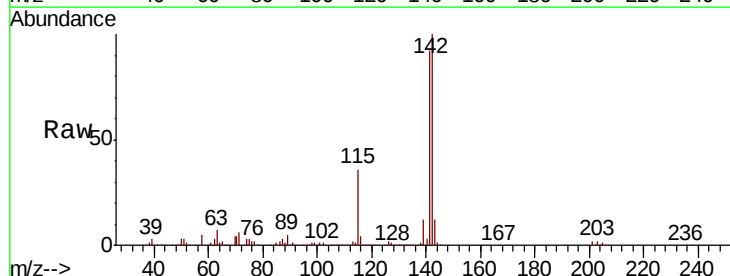
Instrument :
BNA_F
ClientSampleId :
PB131130BS

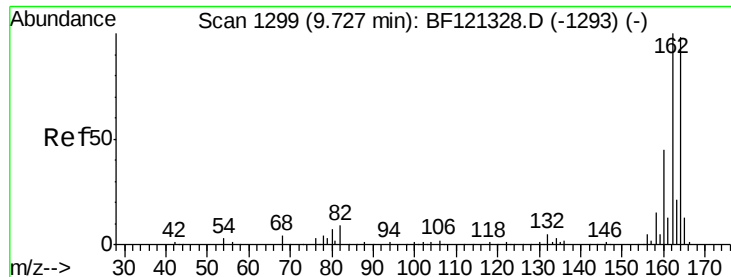
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	33.1	26.9	40.3



#38
1-Methylnaphthalene
Concen: 36.961 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.6
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

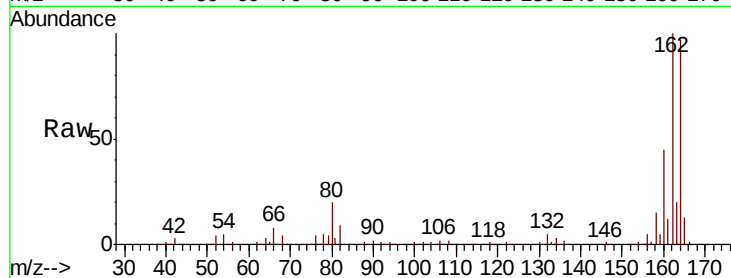
Tot Ion:164 Resp: 351170

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

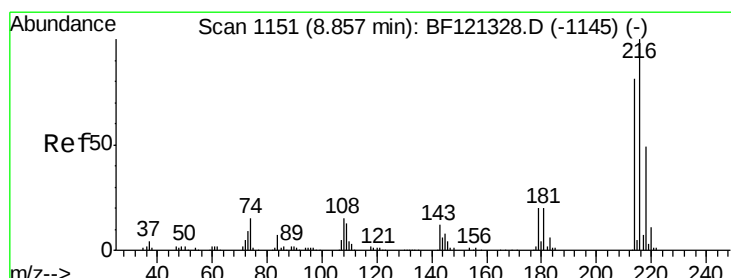
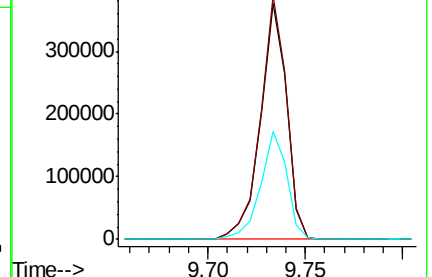
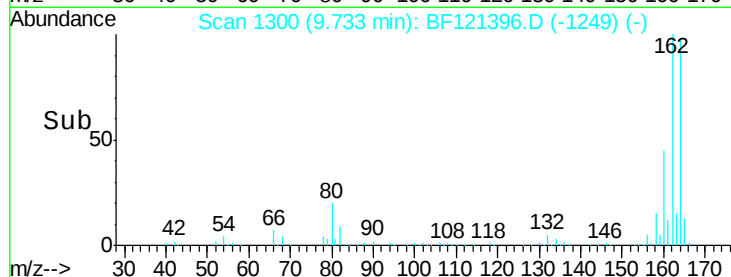
160 45.9 37.1 55.7



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: 35.991 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:216 Resp: 375124

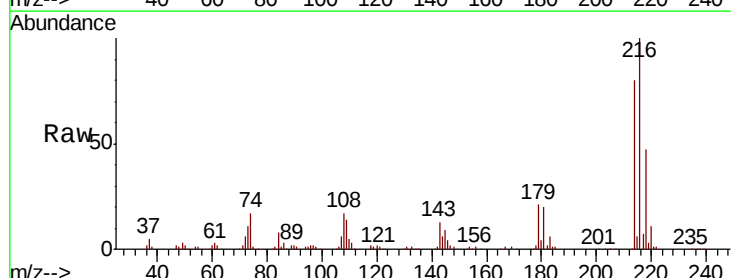
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 20.7 16.6 24.8

108 19.4 14.1 21.1

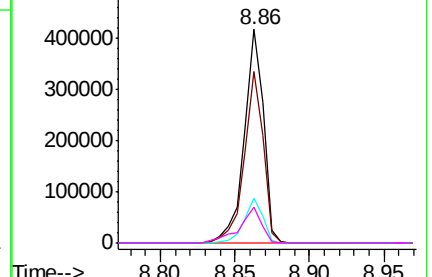
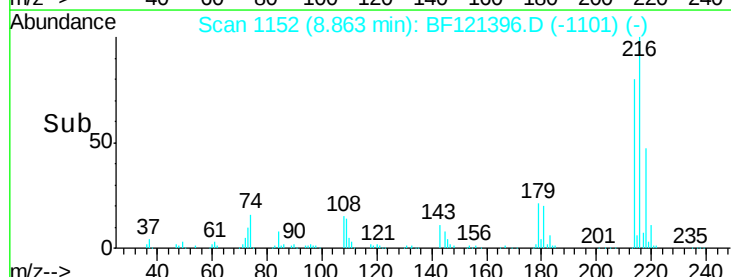


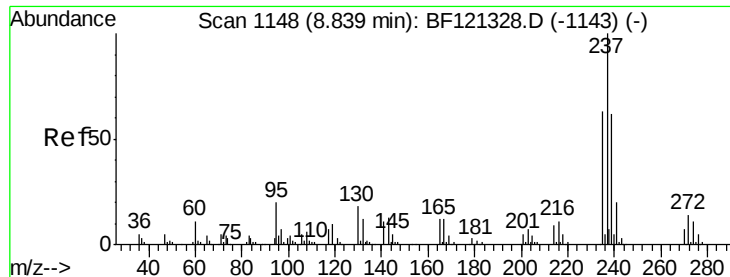
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.442 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

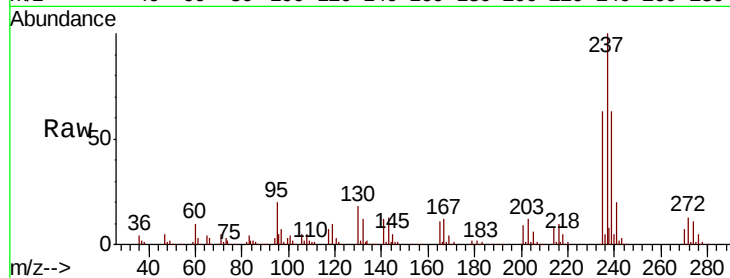
Tot Ion:237 Resp: 318786

Ion Ratio Lower Upper

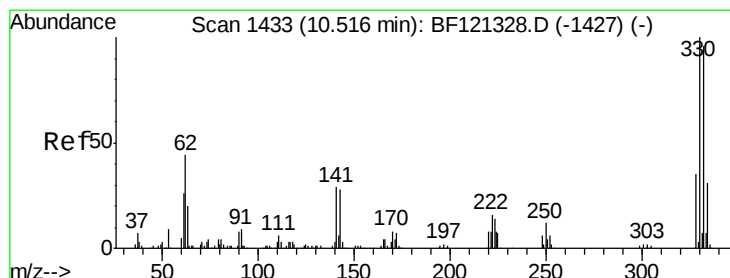
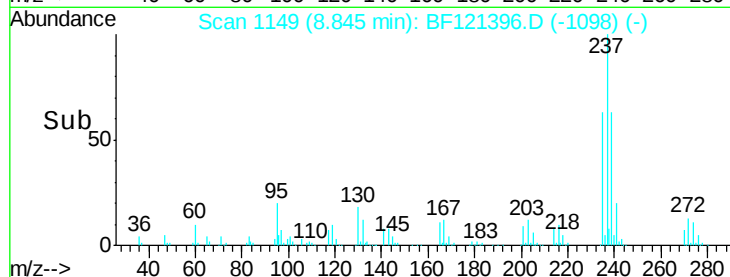
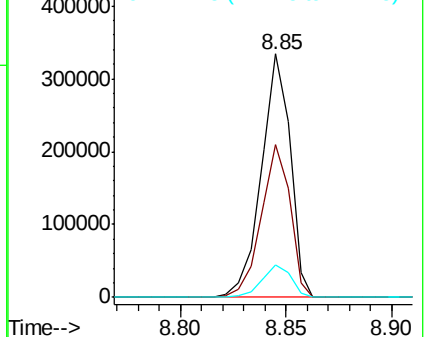
237 100

235 62.6 42.8 82.8

272 13.5 0.0 33.3



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: 88.928 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

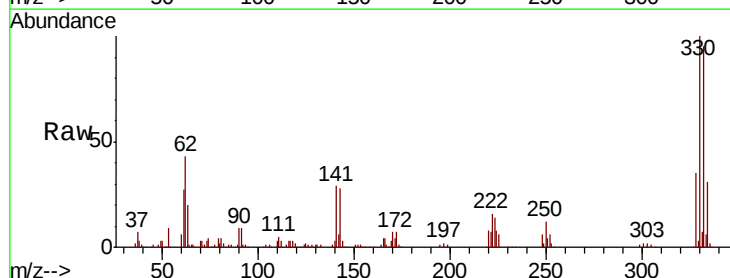
Tgt Ion:330 Resp: 363915

Ion Ratio Lower Upper

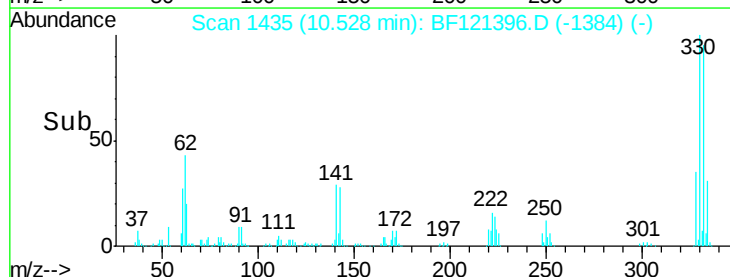
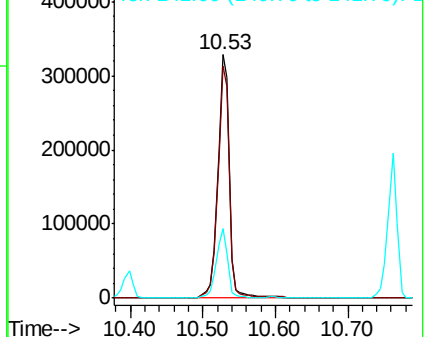
330 100

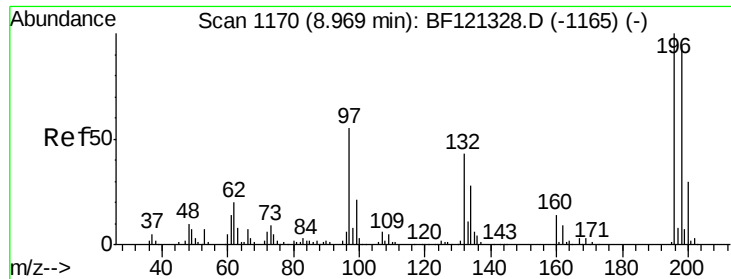
332 96.4 77.0 115.6

141 28.5 22.8 34.2



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

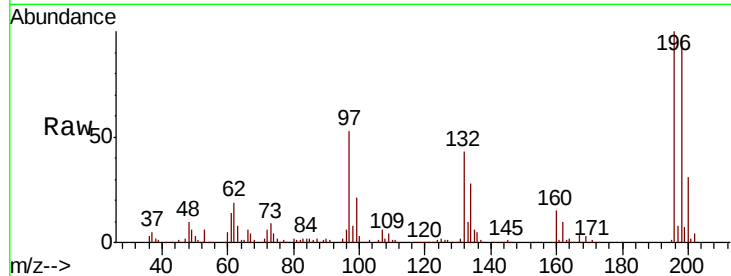




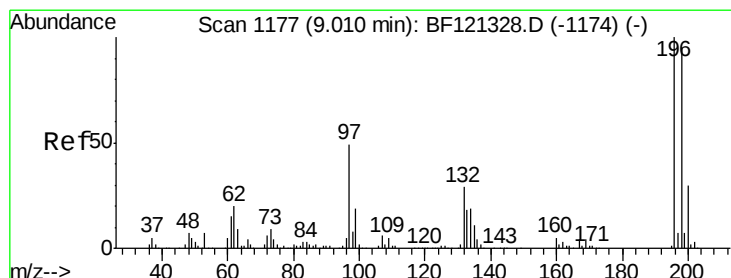
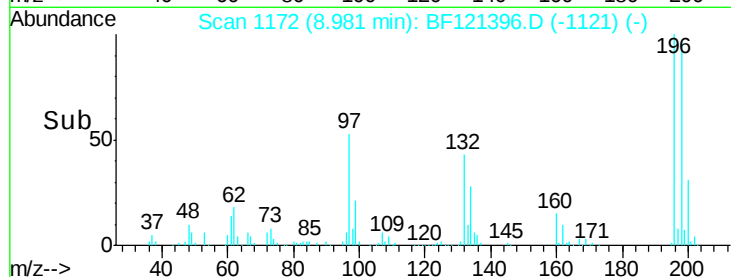
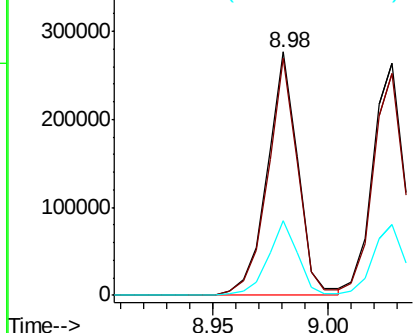
#43
 2,4,6-Trichlorophenol
 Concen: 35.596 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	114.8
200	30.8	24.7	37.1



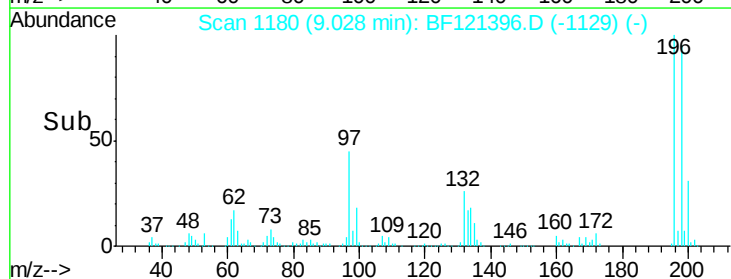
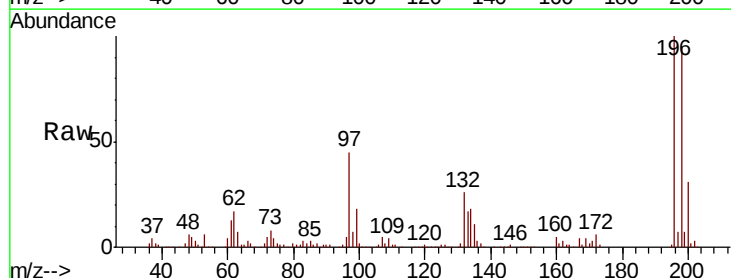
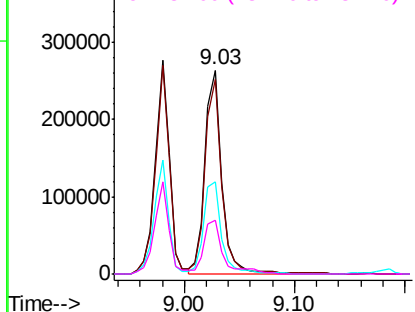
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

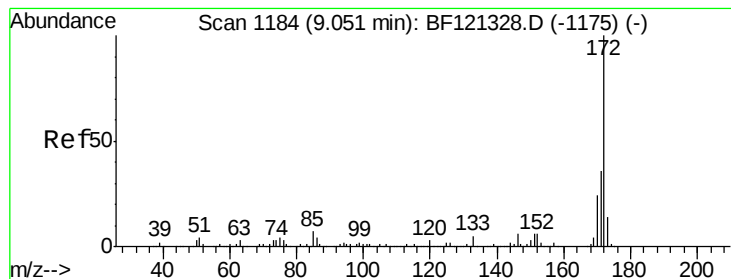


#44
 2,4,5-Trichlorophenol
 Concen: 36.797 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.5	114.7
97	45.4	37.3	55.9
132	26.4	21.9	32.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 93.408 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

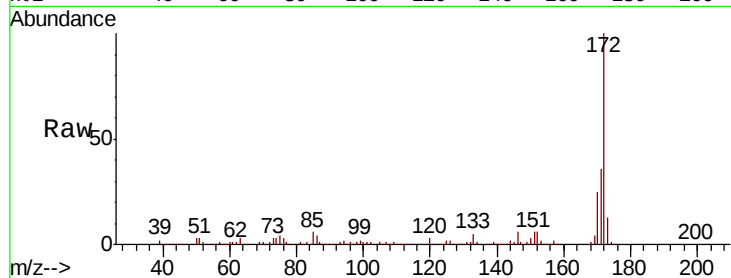
Tot Ion:172 Resp: 1685311

Ion Ratio Lower Upper

172 100

171 36.0 29.2 43.8

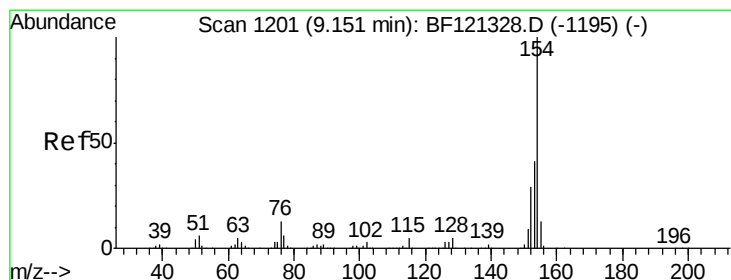
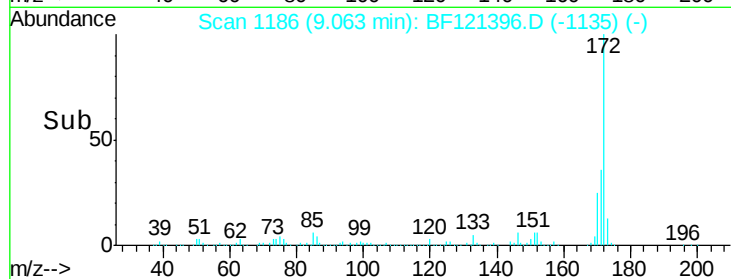
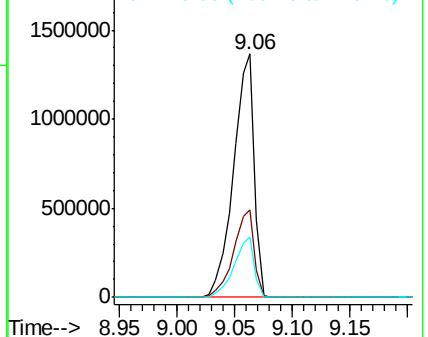
170 24.7 19.6 29.4



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: 36.471 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

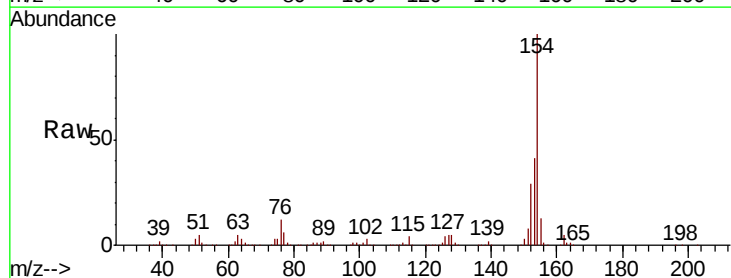
Tgt Ion:154 Resp: 959932

Ion Ratio Lower Upper

154 100

153 40.9 20.5 60.5

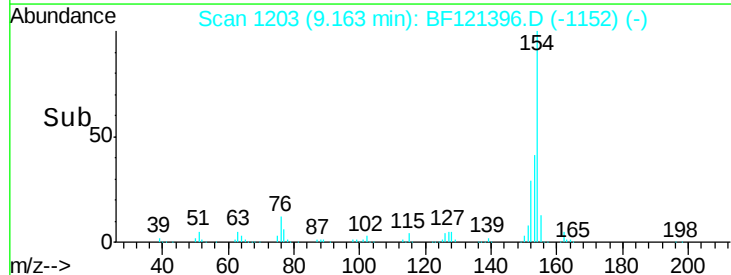
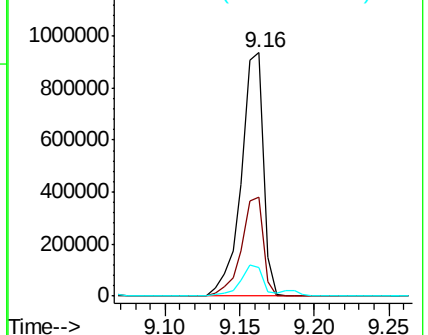
76 11.8 0.0 31.9

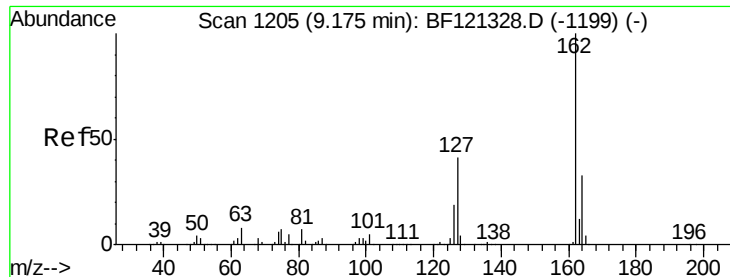


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

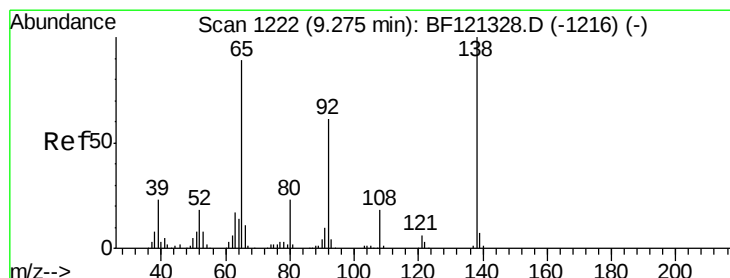
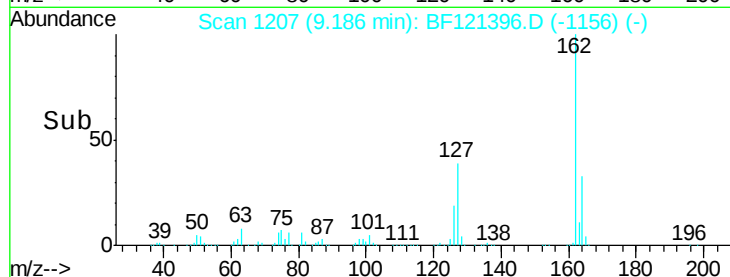
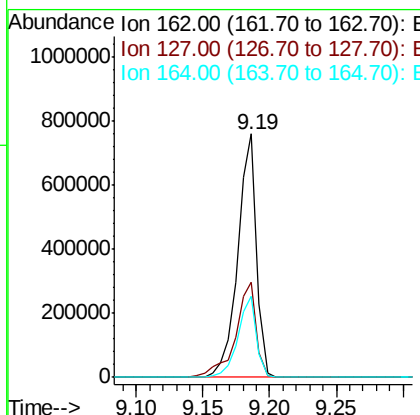
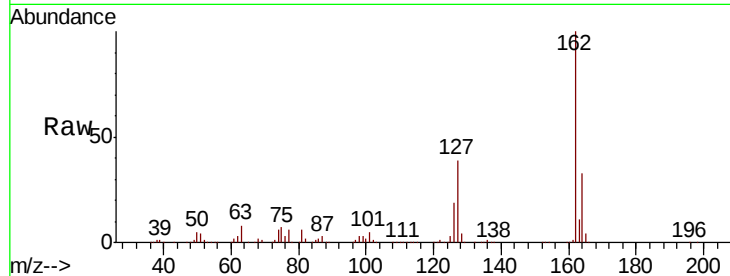




#47
 2-Chloronaphthalene
 Concen: 34.191 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

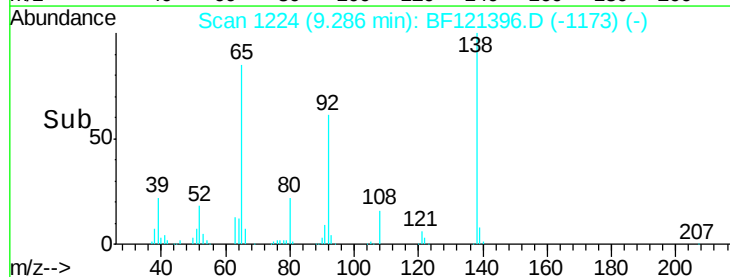
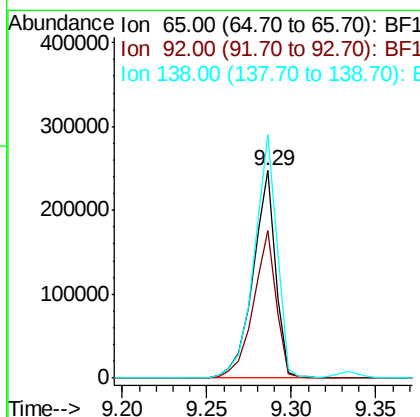
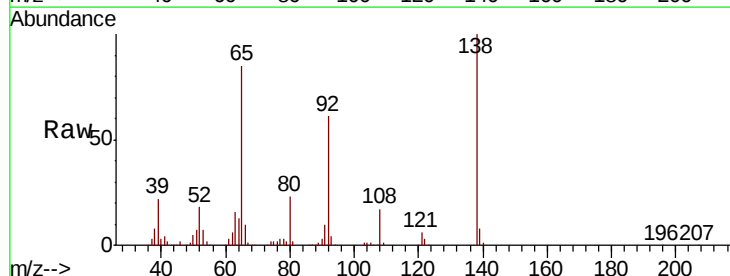
Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

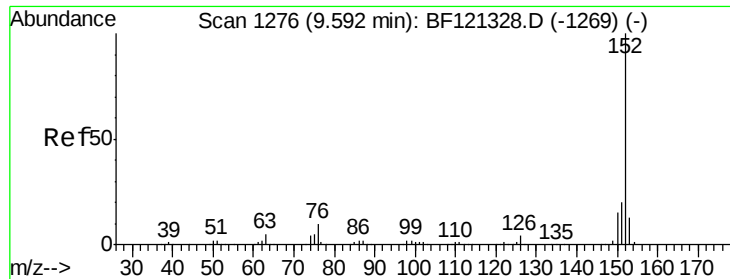
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.4	48.6
164	33.3	26.4	39.6



#48
 2-Nitroaniline
 Concen: 34.300 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.0	87.0
138	117.4	94.1	141.1





#49

Acenaphthylene

Concen: 36.586 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

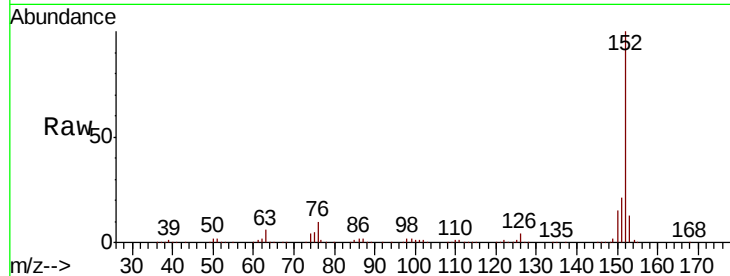
Tot Ion:152 Resp: 1178390

Ion Ratio Lower Upper

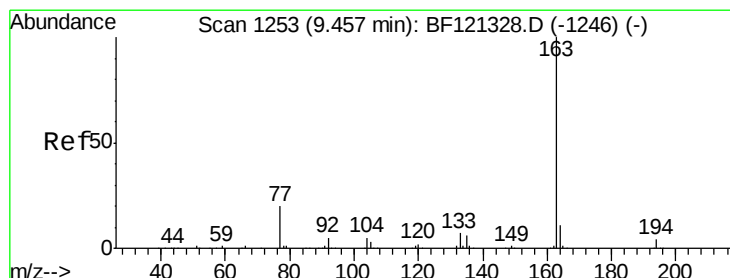
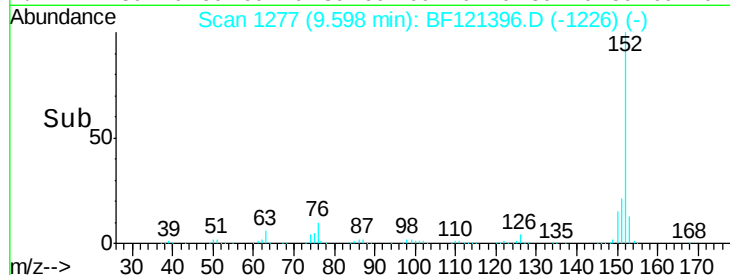
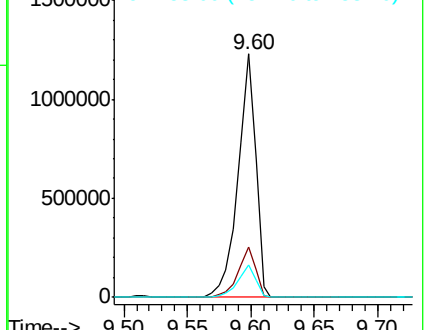
152 100

151 20.8 16.5 24.7

153 13.4 10.8 16.2



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: 35.406 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

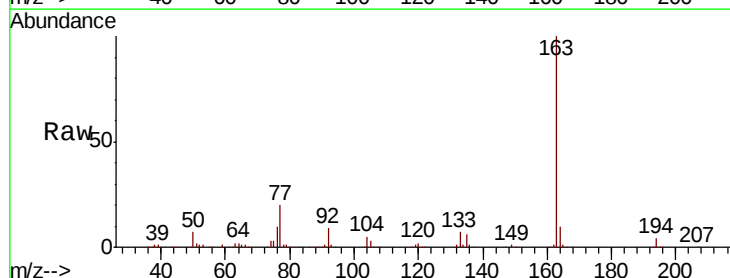
Tgt Ion:163 Resp: 904553

Ion Ratio Lower Upper

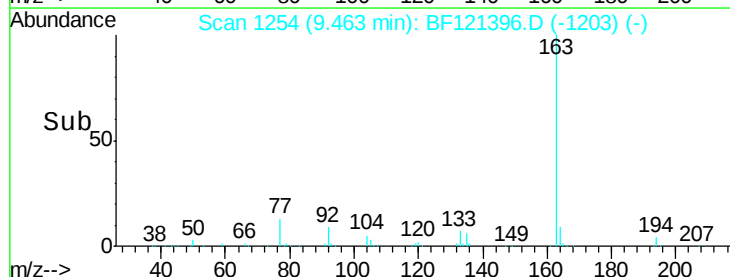
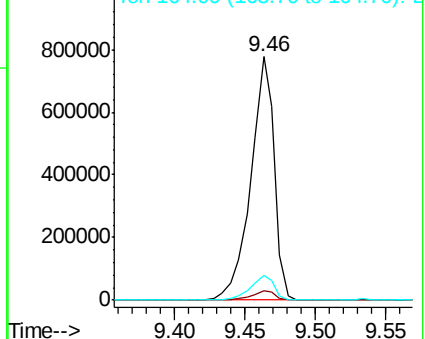
163 100

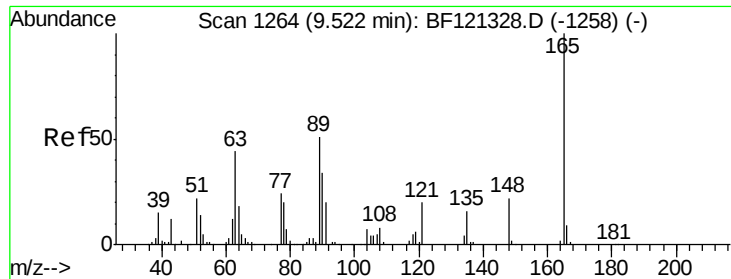
194 3.8 3.1 4.7

164 10.3 8.5 12.7



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

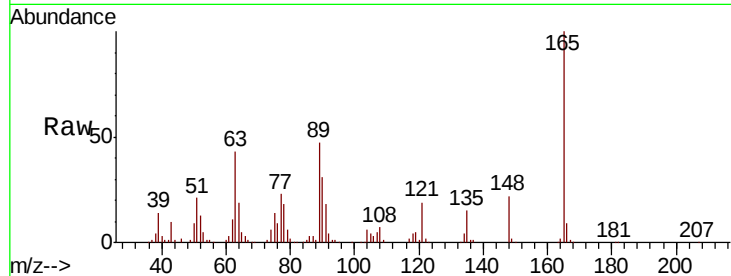




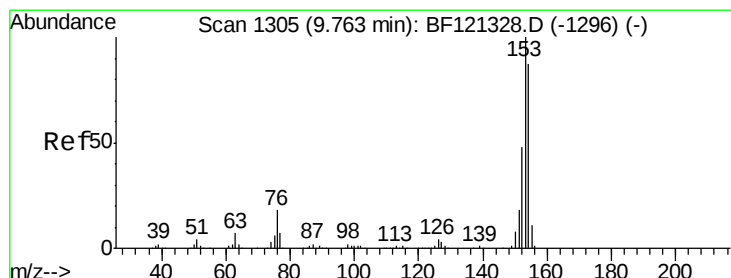
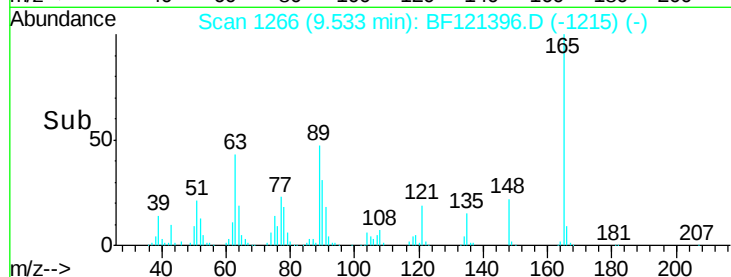
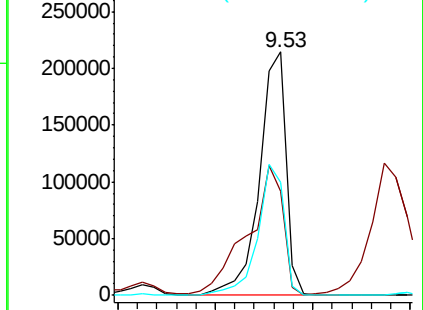
#51
 2,6-Dinitrotoluene
 Concen: 37.199 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	36.1	54.1
89	46.6	39.4	59.2

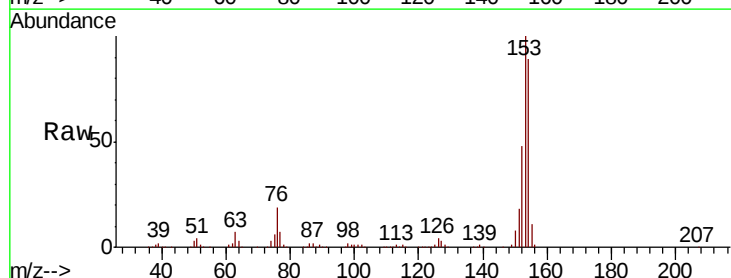


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

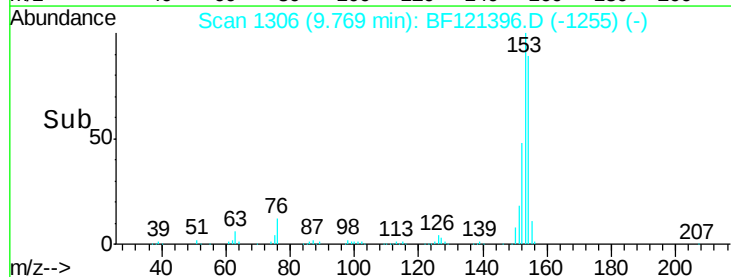
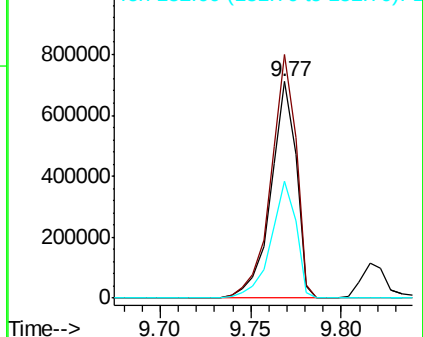


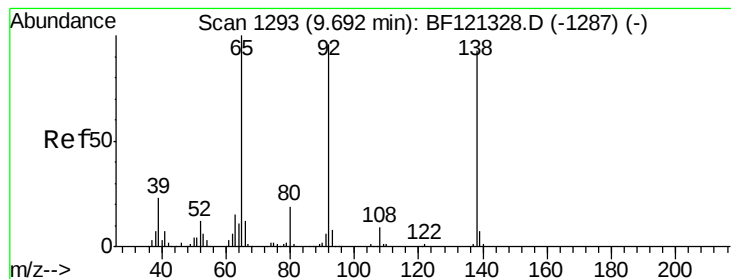
#52
 Acenaphthene
 Concen: 35.155 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.1	133.7
152	53.9	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.602 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

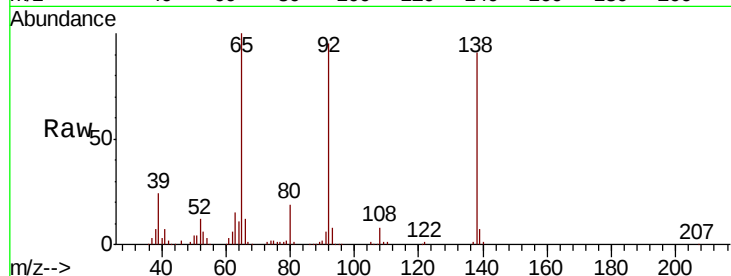
Tot Ion:138 Resp: 154272

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

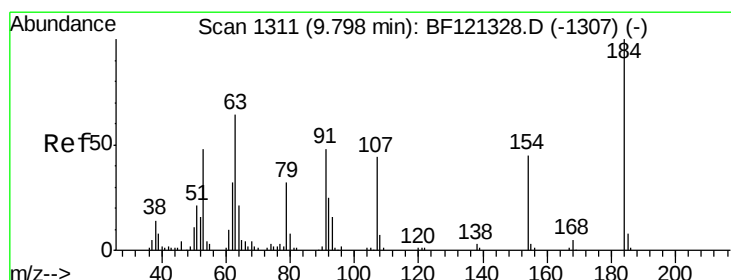
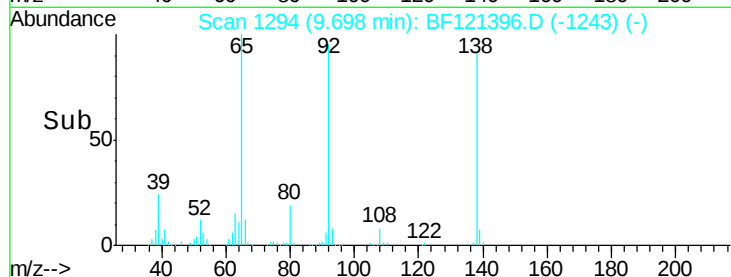
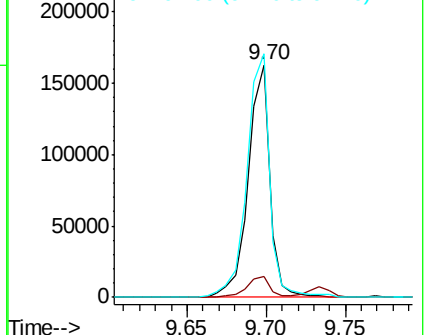
92 104.6 87.2 130.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 77.354 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

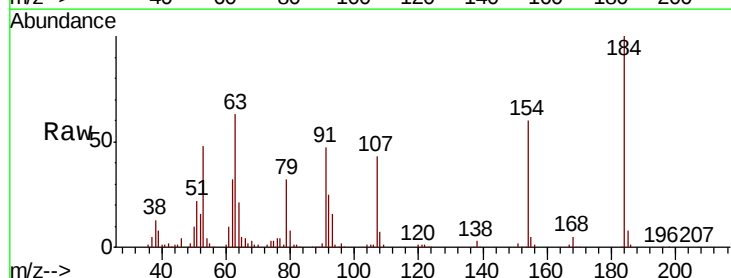
Tgt Ion:184 Resp: 203479

Ion Ratio Lower Upper

184 100

63 63.0 48.2 72.2

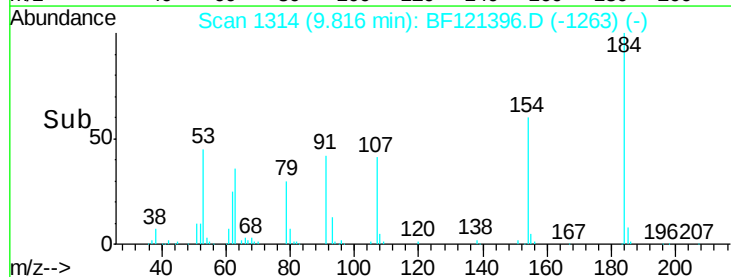
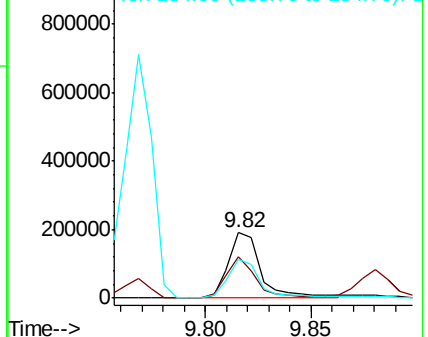
154 59.7 47.7 71.5

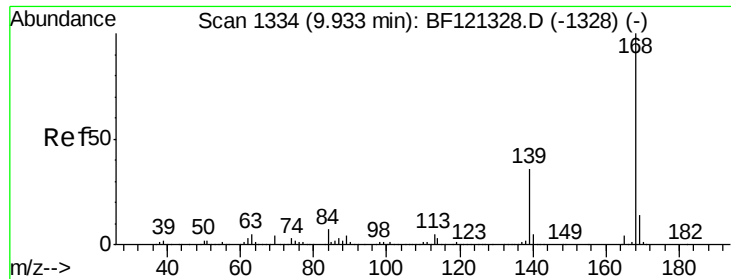


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

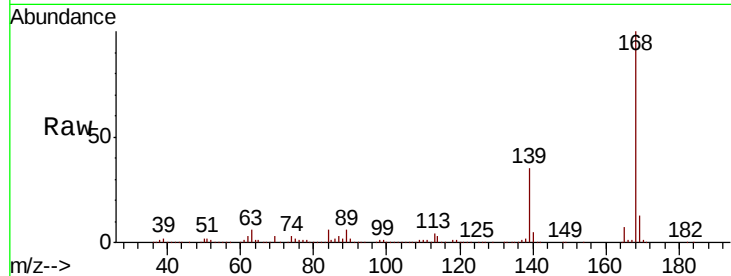




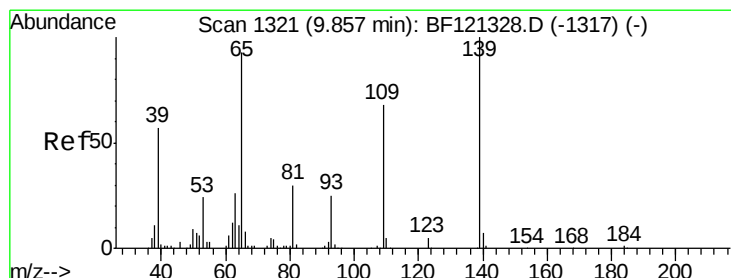
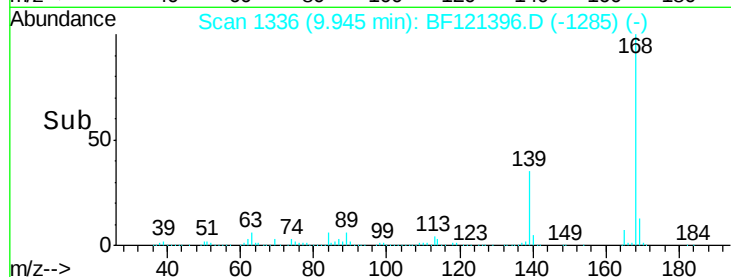
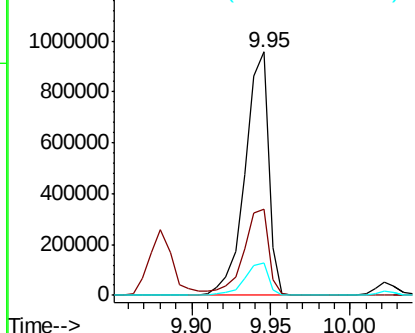
#55
Dibenzofuran
Concen: 38.576 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion:168 Resp: 982821
Ion Ratio Lower Upper
168 100
139 35.4 28.2 42.4
169 13.3 10.6 16.0

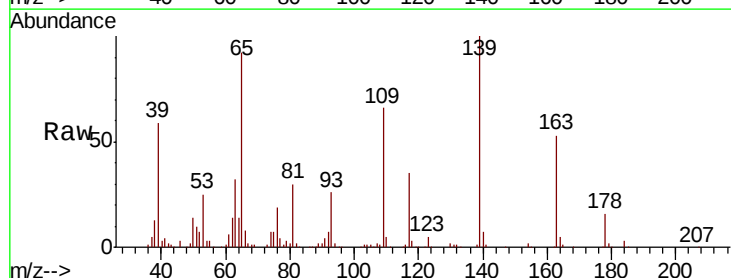


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

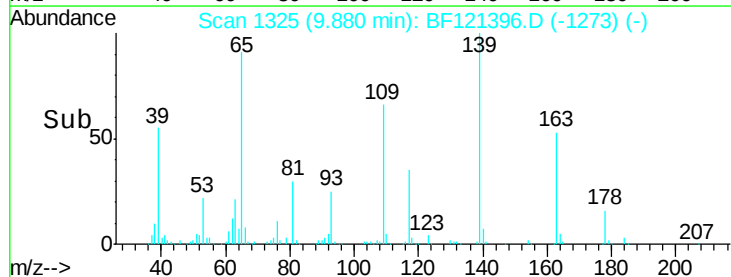
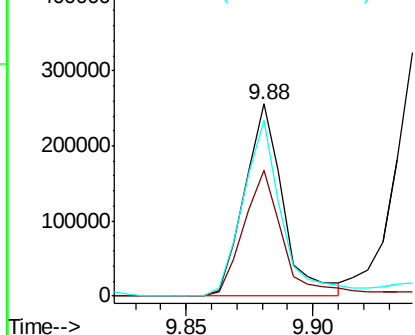


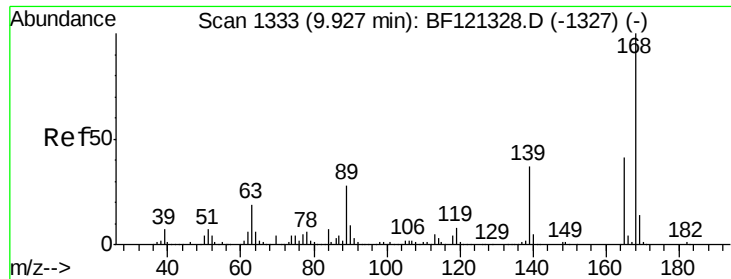
#56
4-Nitrophenol
Concen: 64.494 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:139 Resp: 271487
Ion Ratio Lower Upper
139 100
109 65.6 46.1 86.1
65 91.6 71.1 111.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

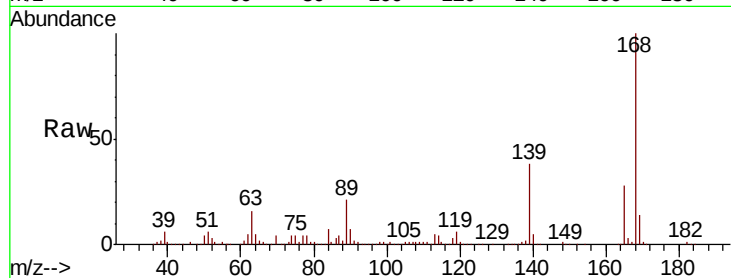




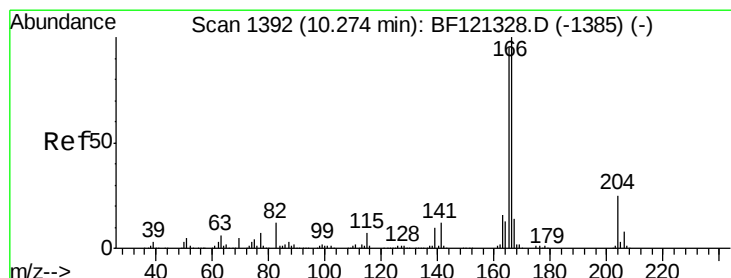
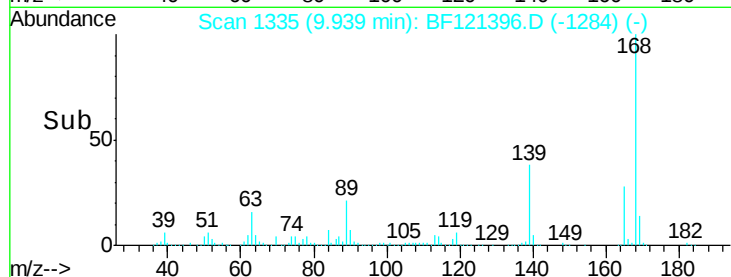
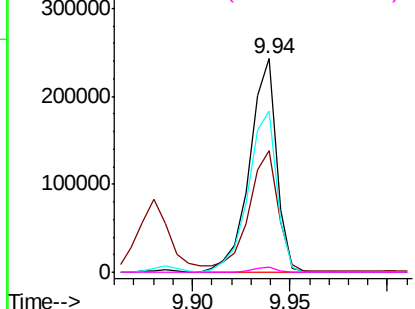
#57
 2,4-Dinitrotoluene
 Concen: 35.048 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion:	165	Resp:	233292
Ion	Ratio	Lower	Upper
165	100		
63	56.8	45.0	67.6
89	75.8	60.2	90.2
182	2.6	2.1	3.1

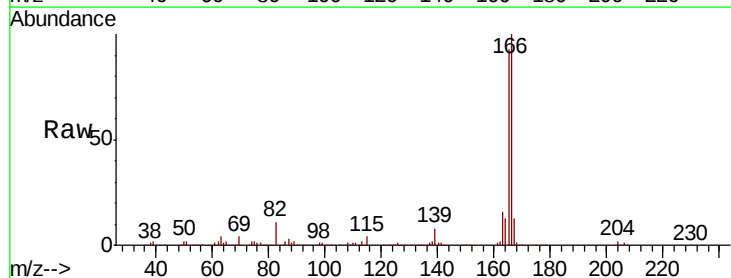


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

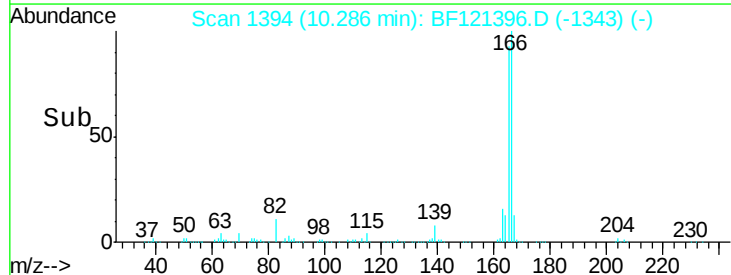
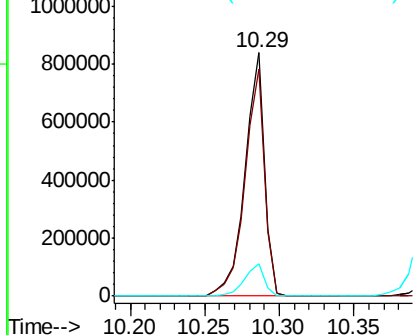


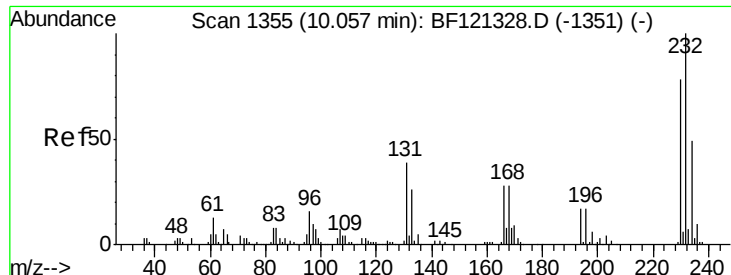
#58
 Fluorene
 Concen: 40.610 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion:	166	Resp:	757185
Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.0	112.6
167	13.4	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

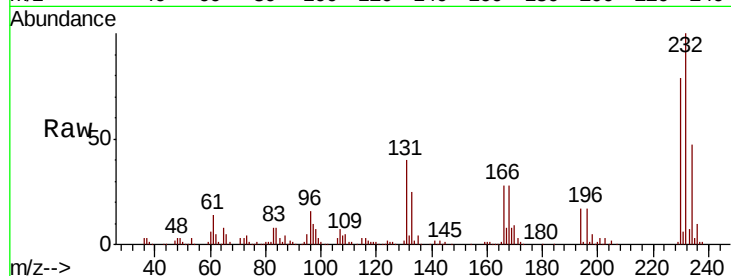




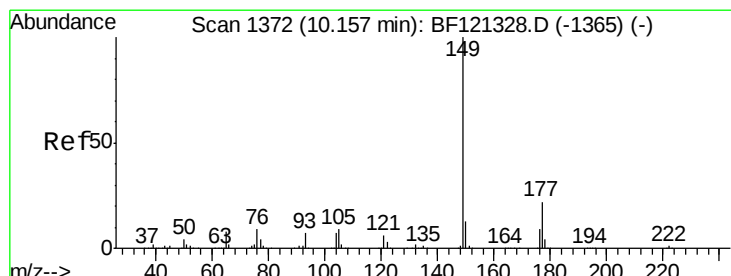
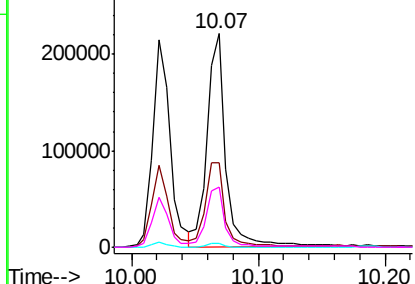
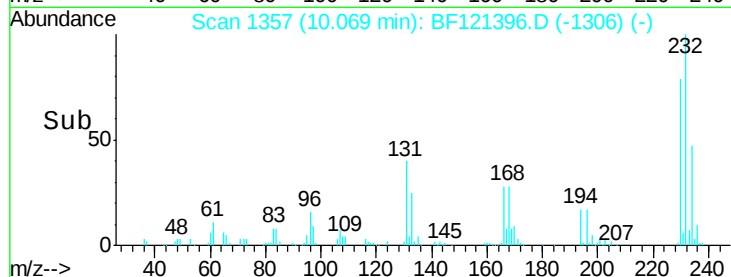
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.771 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion:232	Resp:	224167
Ion Ratio	Lower	Upper
232	100	
131	41.5	32.5 48.7
130	2.1	1.5 2.3
166	28.5	21.8 32.8

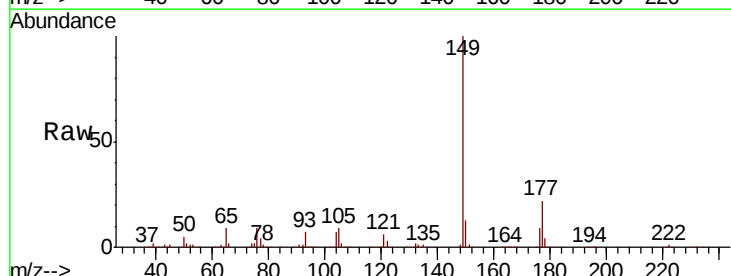


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

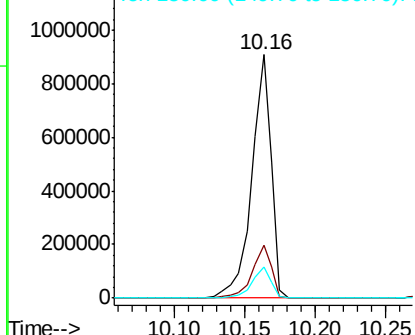
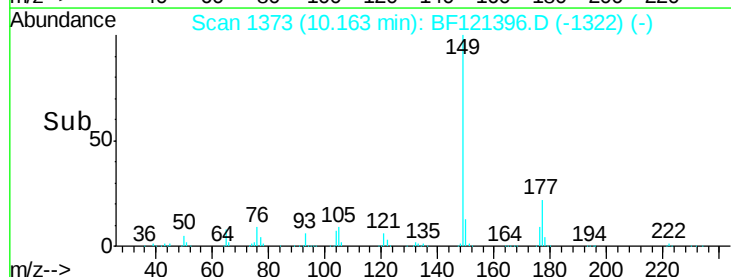


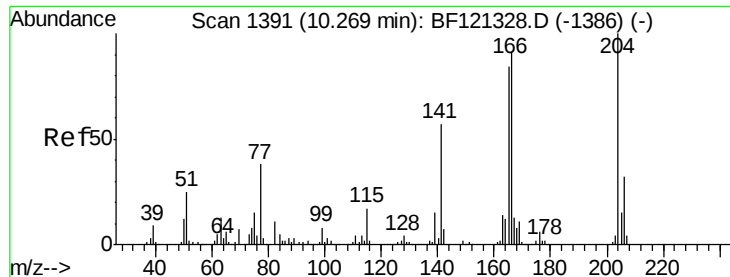
#60
 Diethylphthalate
 Concen: 35.083 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion:149	Resp:	875256
Ion Ratio	Lower	Upper
149	100	
177	21.7	17.8 26.6
150	12.7	10.0 15.0



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

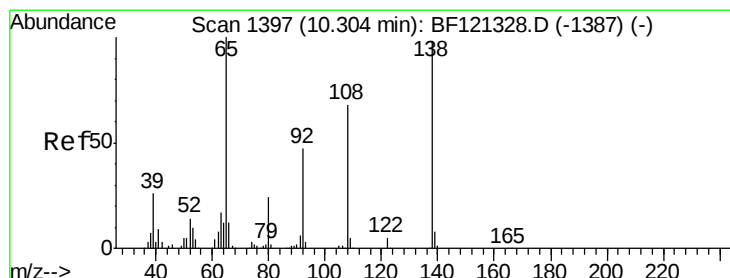
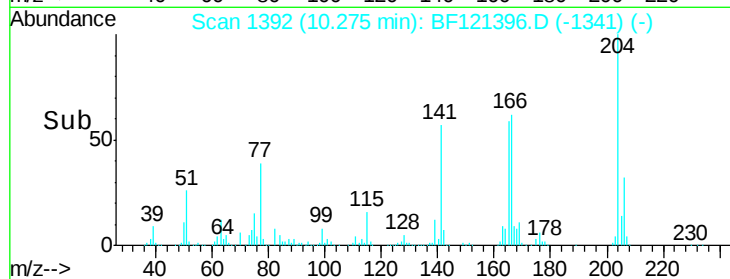
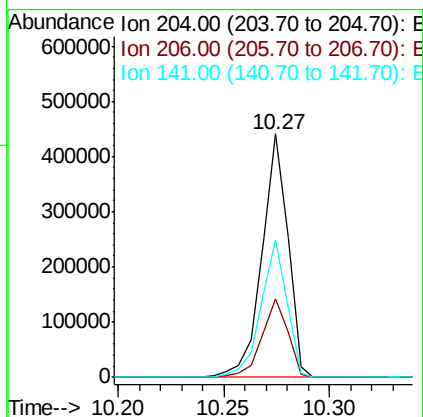
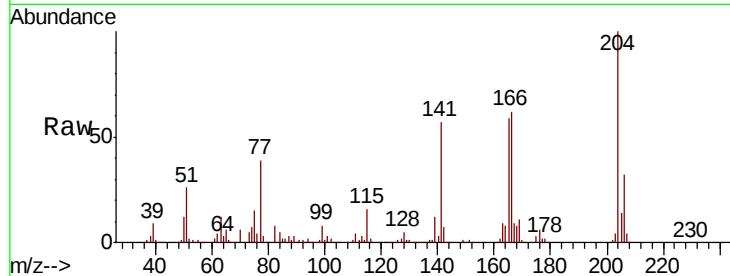




#61
4-Chlorophenyl-phenylether
Concen: 40.336 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

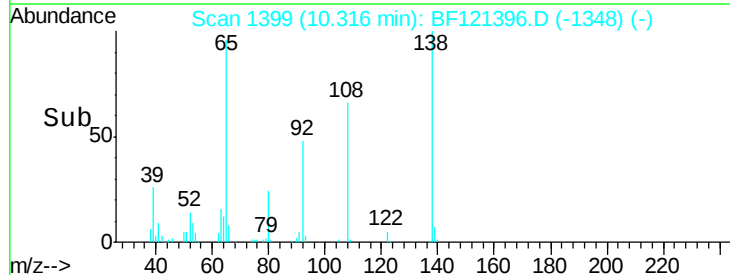
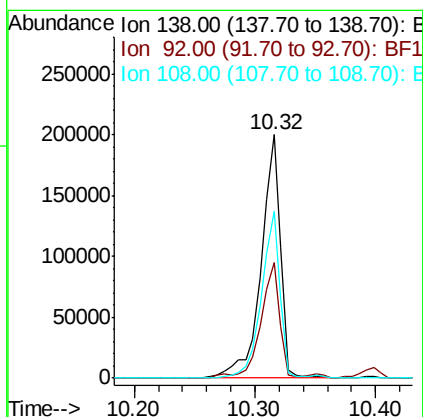
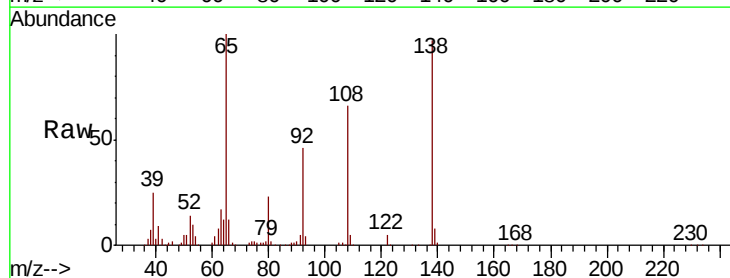
Instrument :
BNA_F
ClientSampleId :
PB131130BS

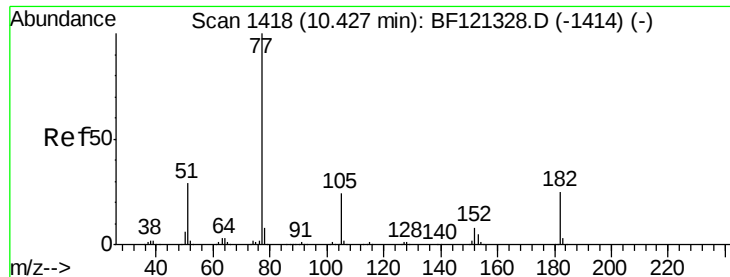
Tot Ion:204 Resp: 379168
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 56.7 46.2 69.4



#62
4-Nitroaniline
Concen: 32.004 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:138 Resp: 223830
Ion Ratio Lower Upper
138 100
92 47.5 26.6 66.6
108 68.3 48.9 88.9





#63

Azobenzene

Concen: 35.154 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion: 77 Resp: 814585

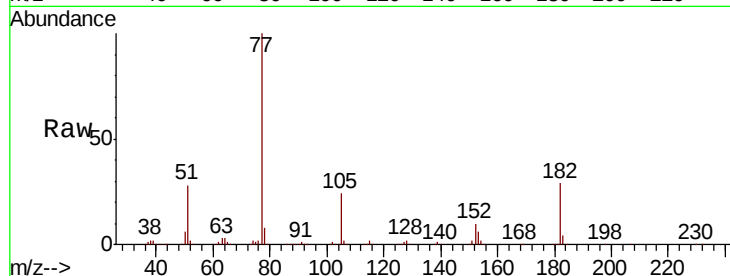
Ion Ratio Lower Upper

77 100

182 29.4 7.7 47.7

105 24.4 3.8 43.8

51 28.2 8.0 48.0

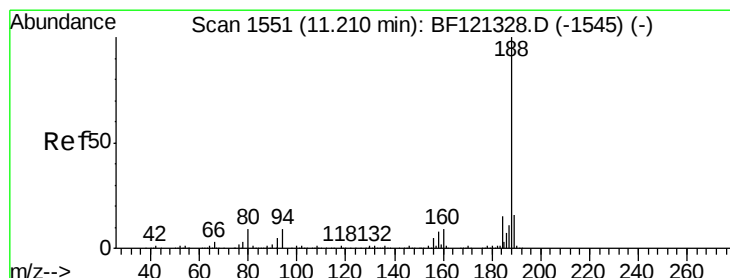
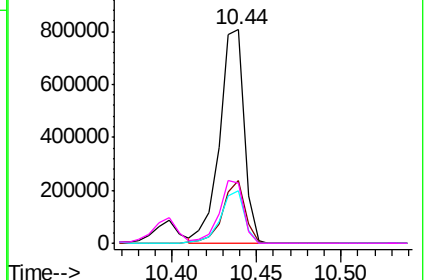
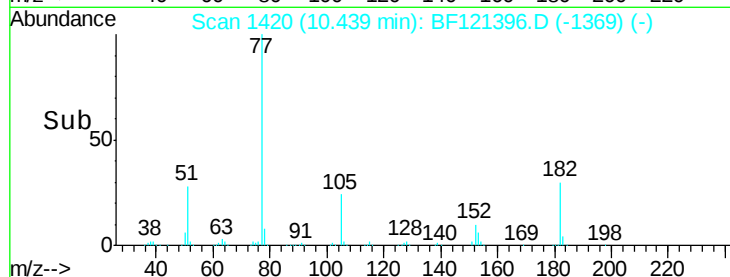


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

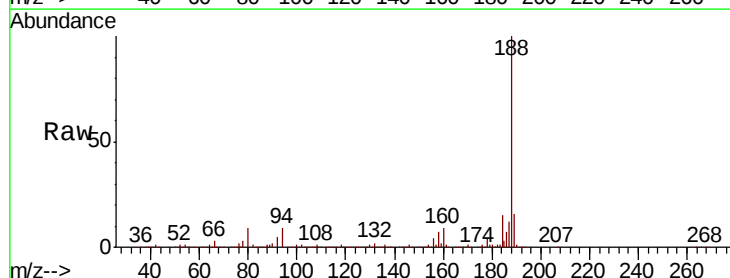
Tgt Ion: 188 Resp: 669368

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

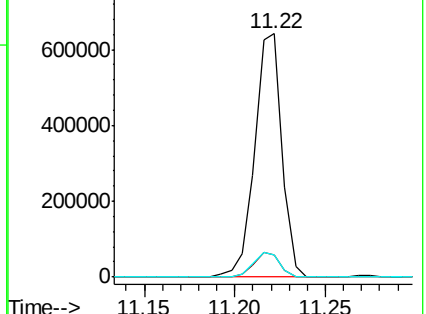
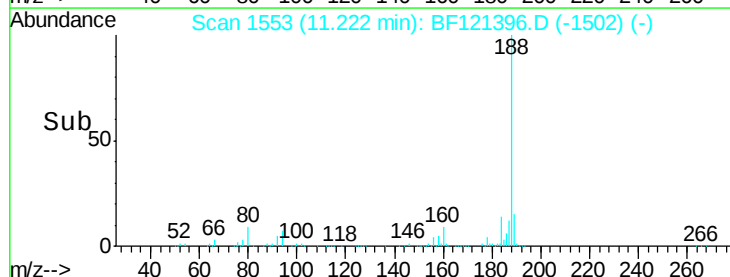
80 9.1 7.1 10.7

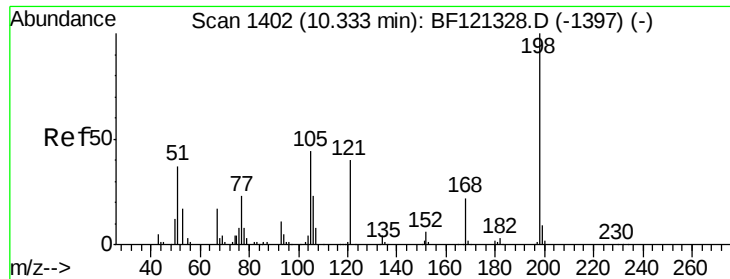


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

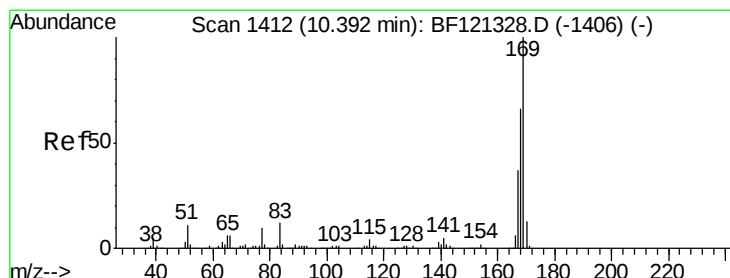
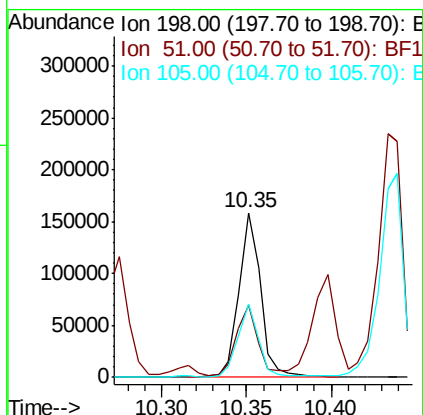
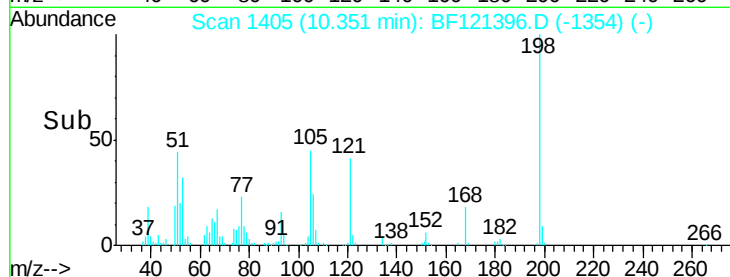
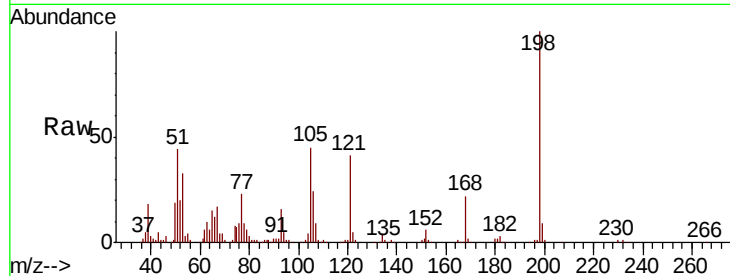




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.013 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

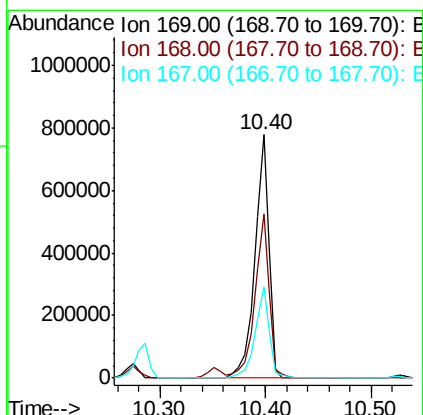
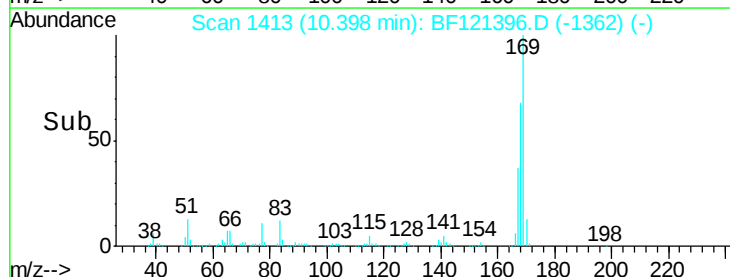
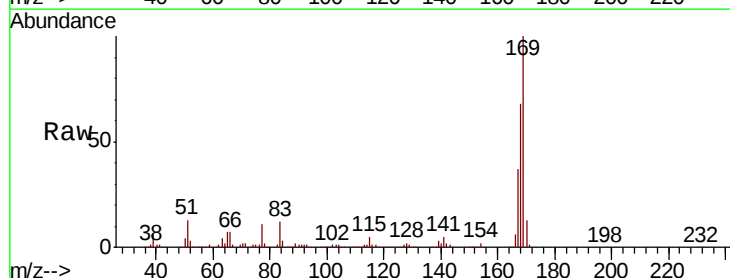
Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

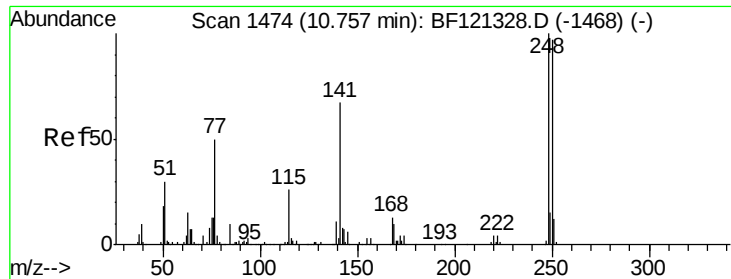
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	23.9	63.9
105	44.7	24.8	64.8



#66
 n-Nitrosodiphenylamine
 Concen: 35.918 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	37.4	29.9	44.9

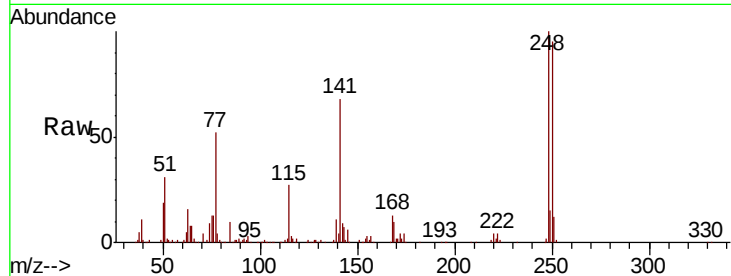




#67
4-Bromophenyl-phenylether
Concen: 34.959 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.6
141	68.0	57.4	86.2

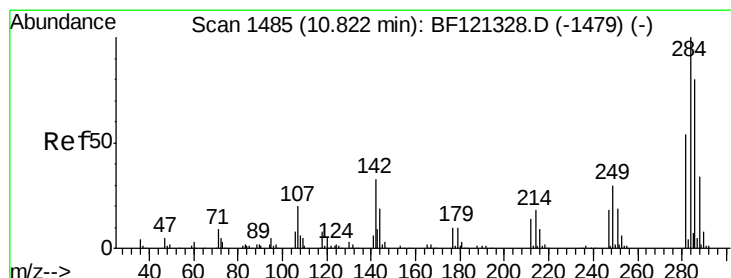
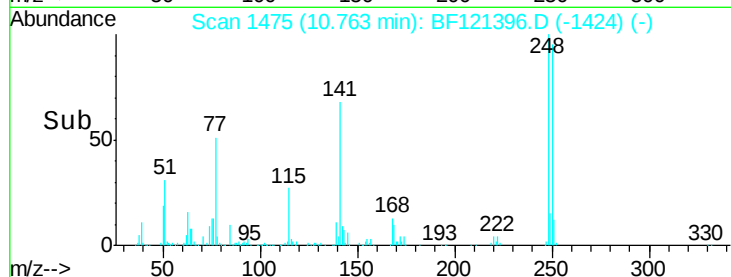
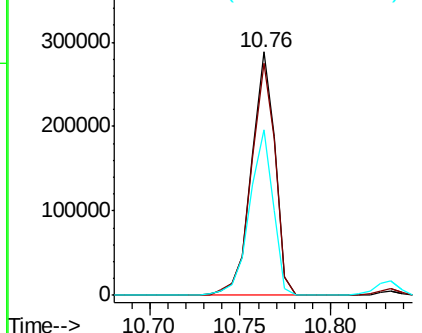


Abundance

Ion 248.00 (247.70 to 248.70): E

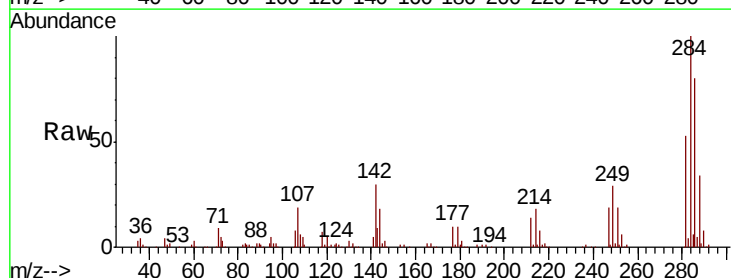
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.645 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.5	39.7
249	29.2	23.7	35.5

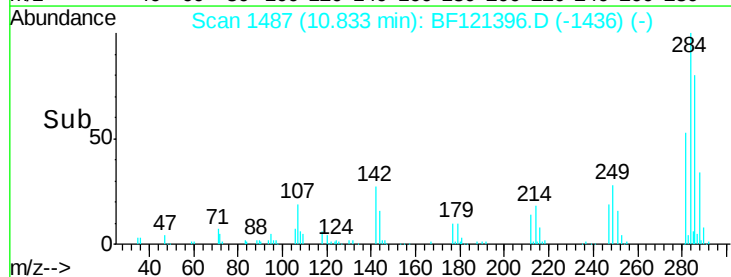
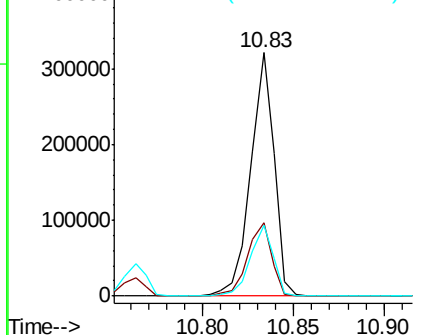


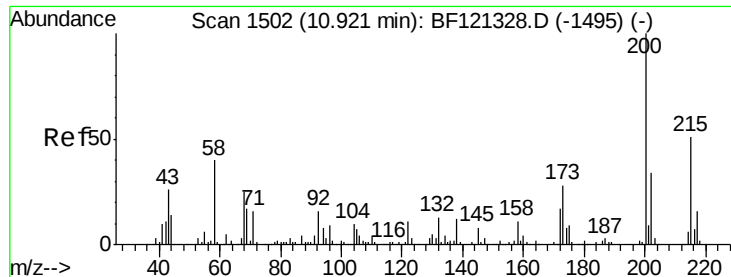
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

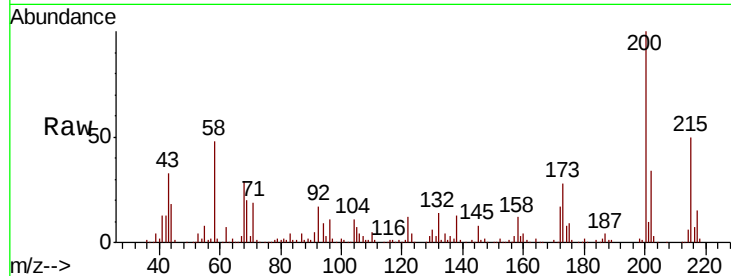




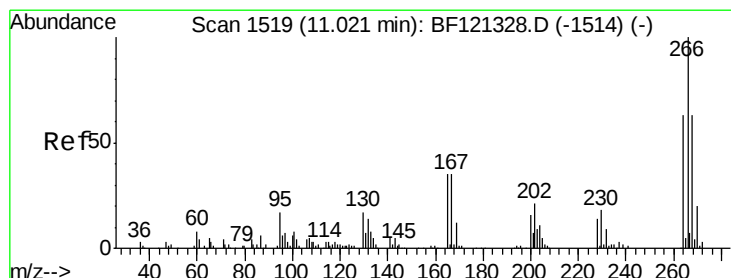
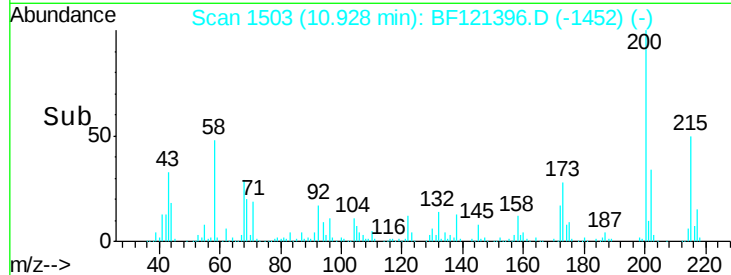
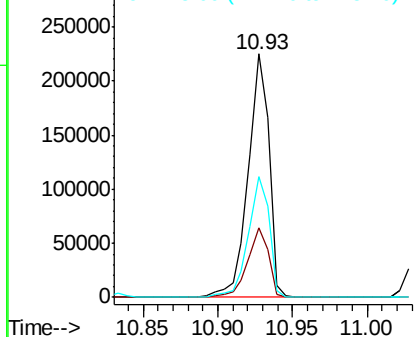
#69
 Atrazine
 Concen: 33.961 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.5	48.5
215	49.8	30.3	70.3

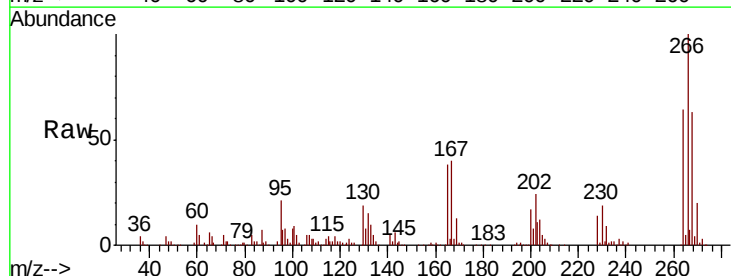


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

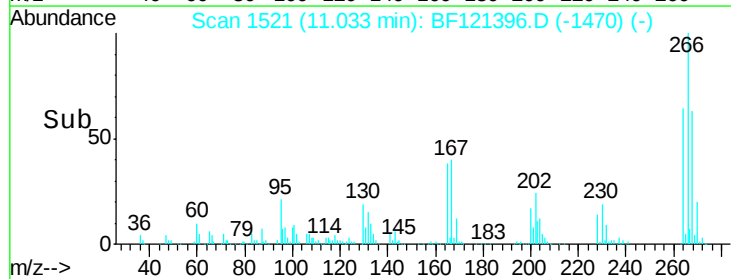
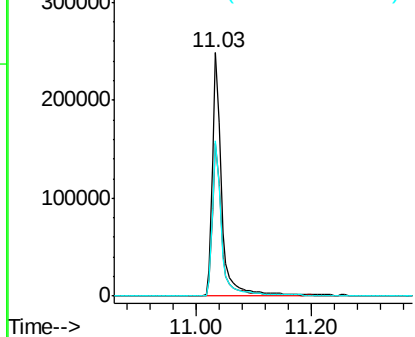


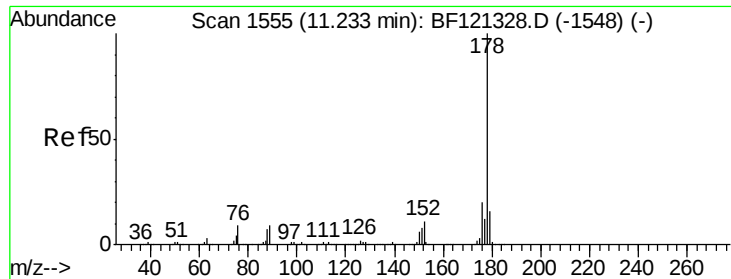
#70
 Pentachlorophenol
 Concen: 76.196 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.3	75.5
264	63.8	50.3	75.5



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





#71

Phenanthrene

Concen: 33.044 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

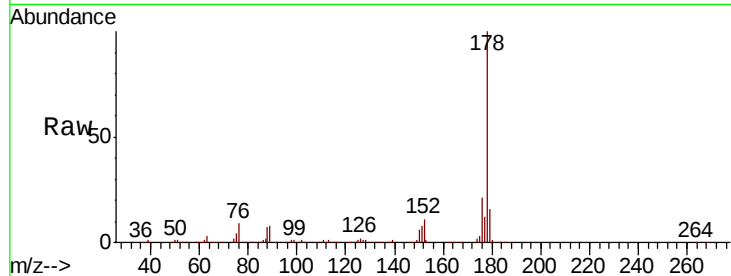
Tot Ion:178 Resp: 1144744

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

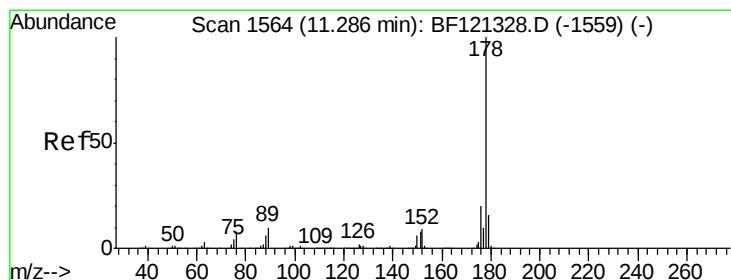
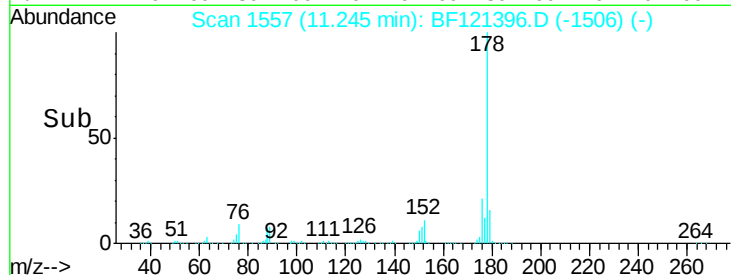
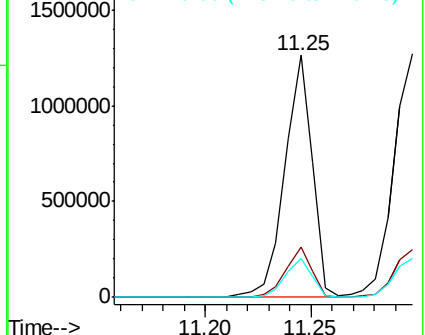
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.687 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

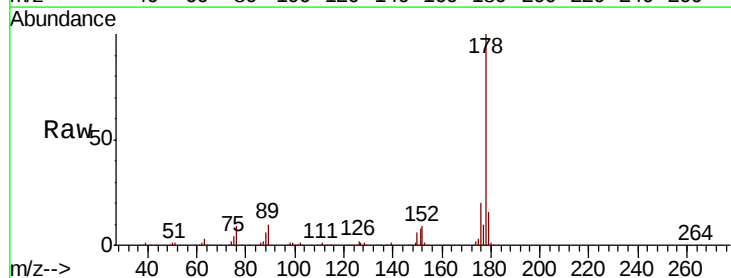
Tgt Ion:178 Resp: 1190532

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

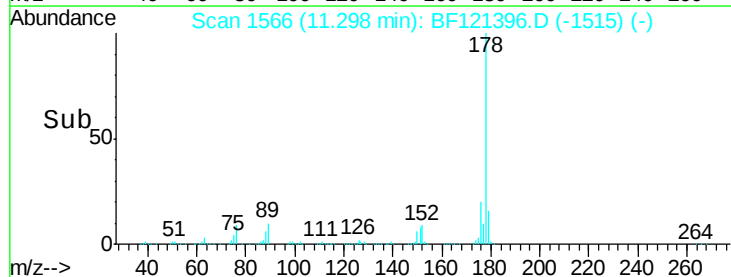
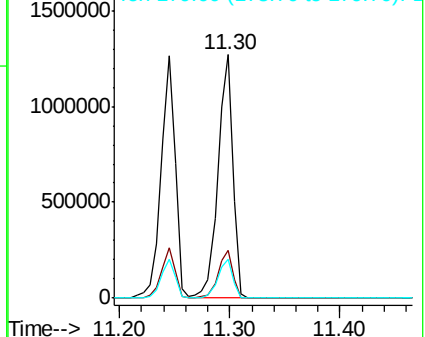
179 15.9 12.6 18.8

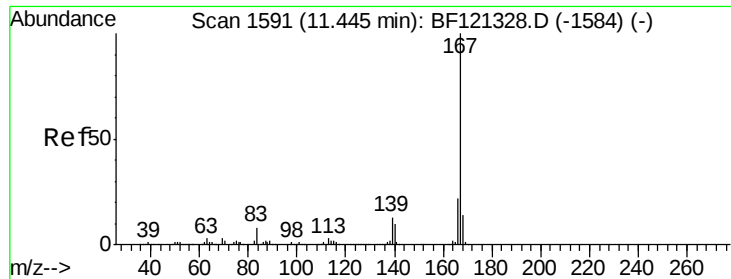


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



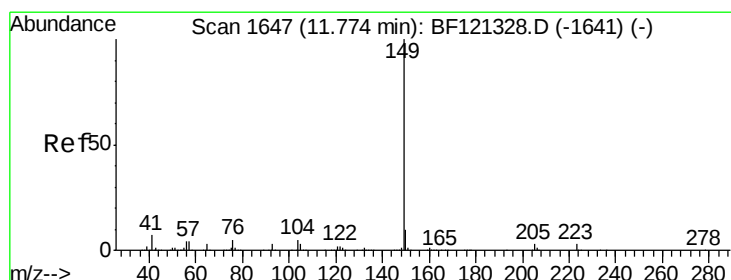
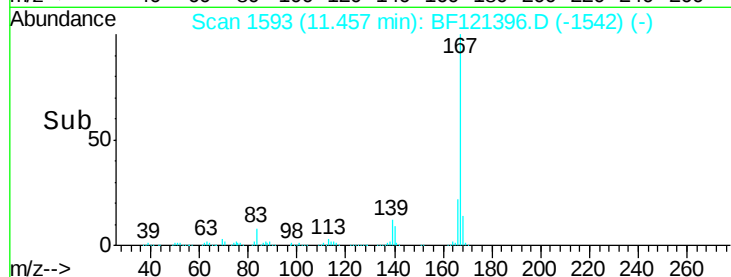
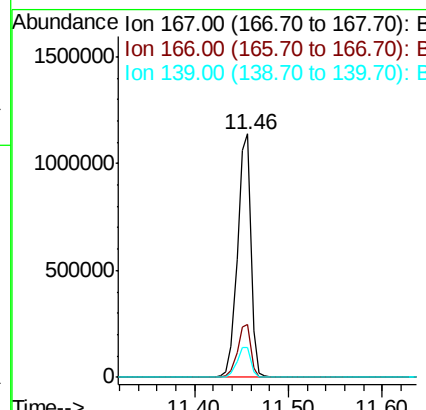
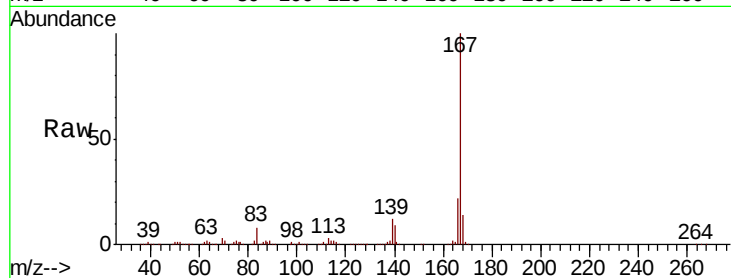


#73
 Carbazole
 Concen: 35.549 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion:167 Resp: 1131811

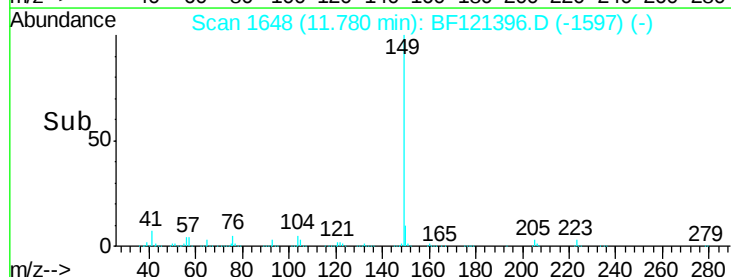
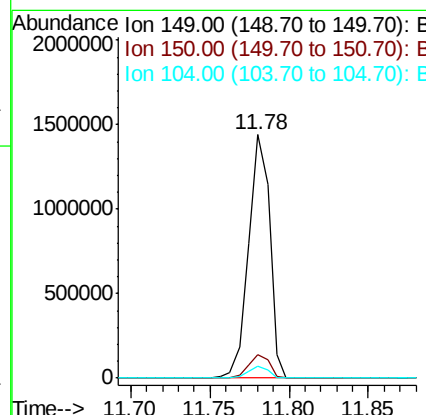
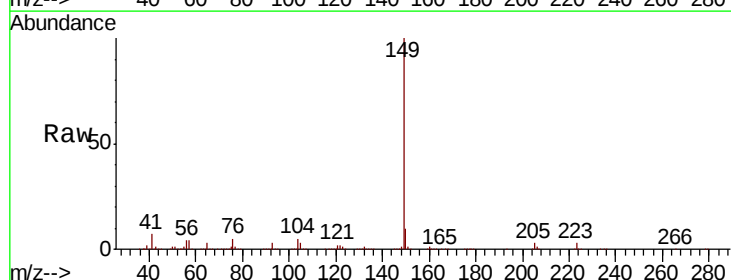
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	12.5	9.8	14.8

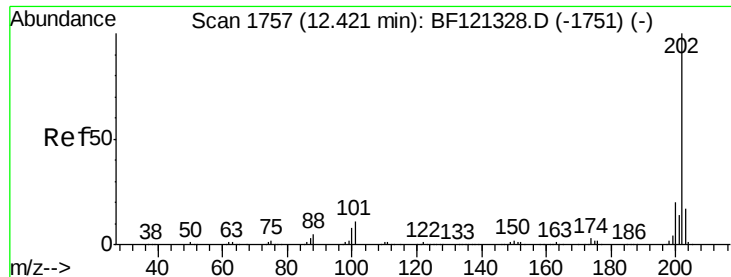


#74
 Di-n-butylphthalate
 Concen: 34.758 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion:149 Resp: 1334448

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.9	3.9	5.9

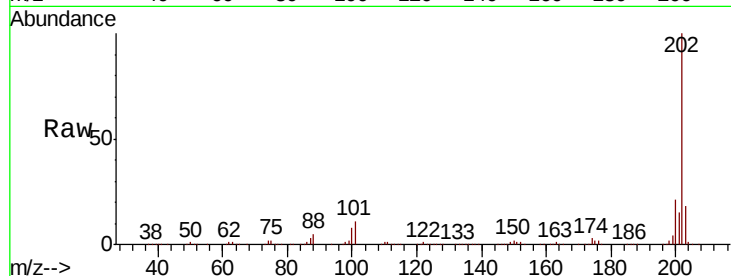




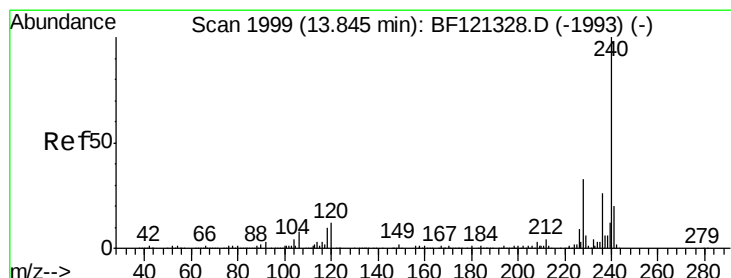
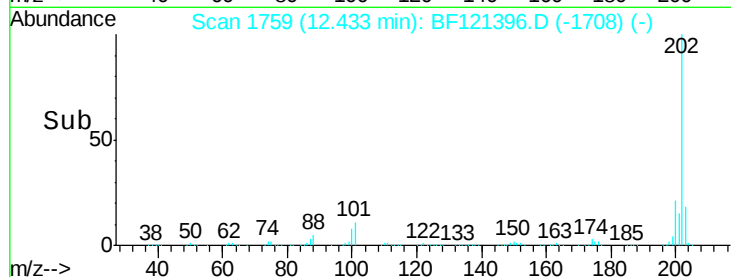
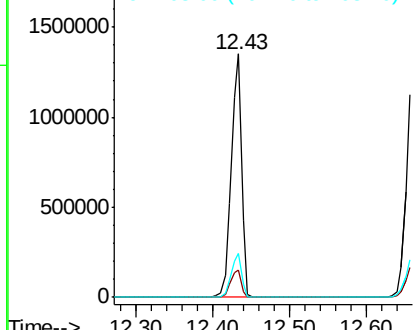
#75
Fluoranthene
Concen: 33.869 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion:202 Resp: 1273529
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.0
203 17.8 0.0 38.0

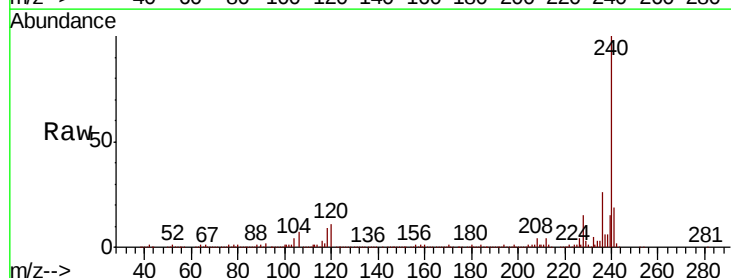


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

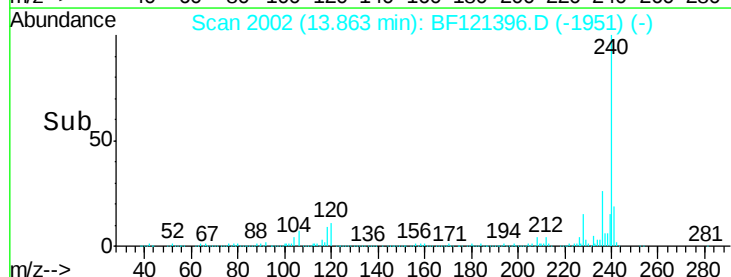
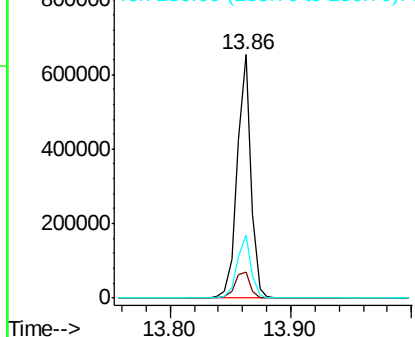


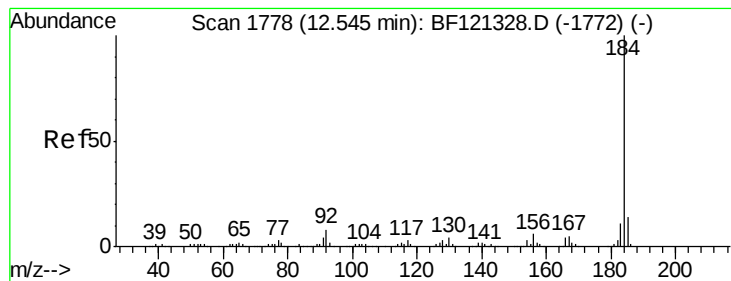
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:240 Resp: 515895
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 26.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.072 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

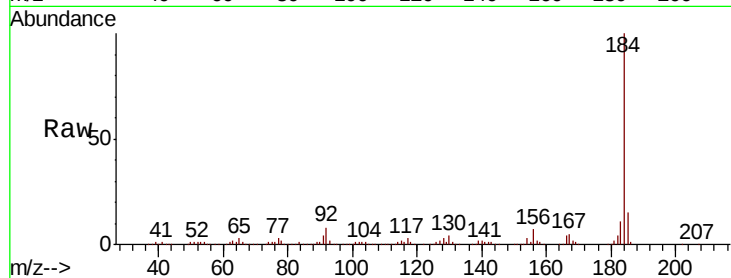
Tot Ion:184 Resp: 768541

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

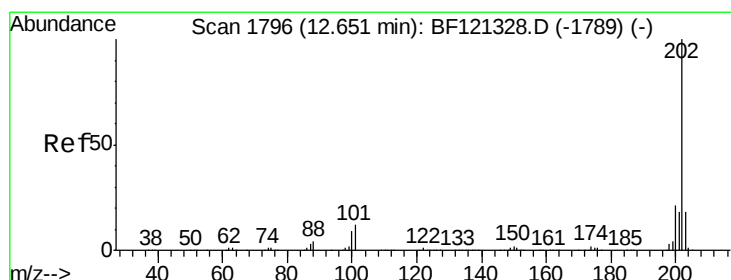
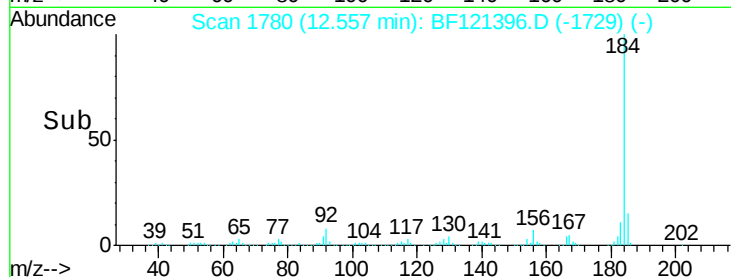
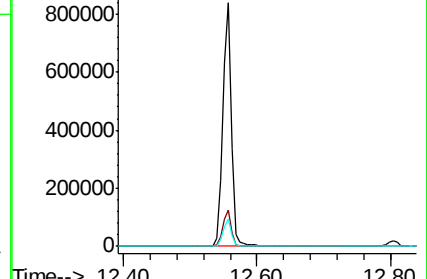
183 11.1 9.0 13.4



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: 33.544 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

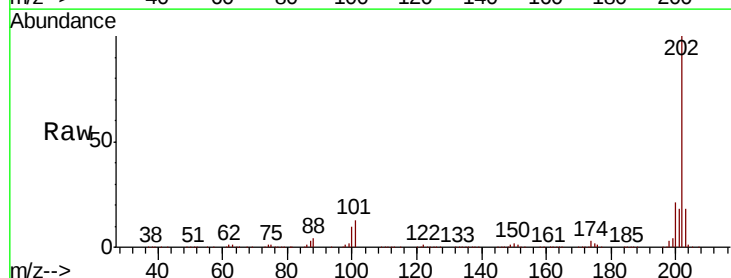
Tgt Ion:202 Resp: 1299907

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

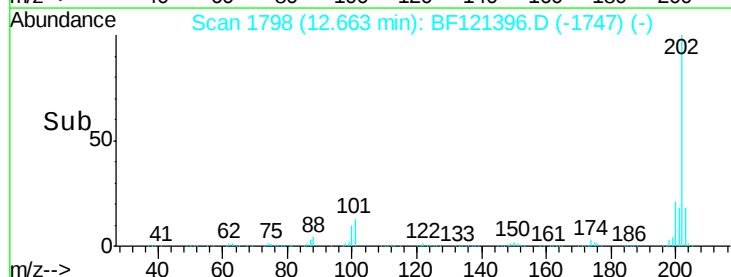
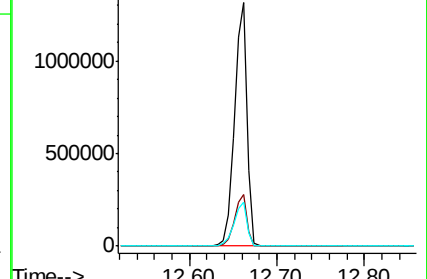
203 18.2 14.1 21.1

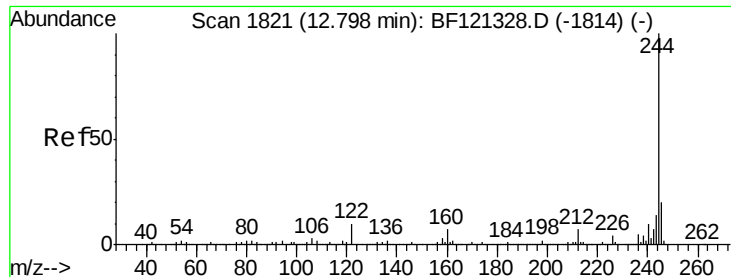


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.092 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

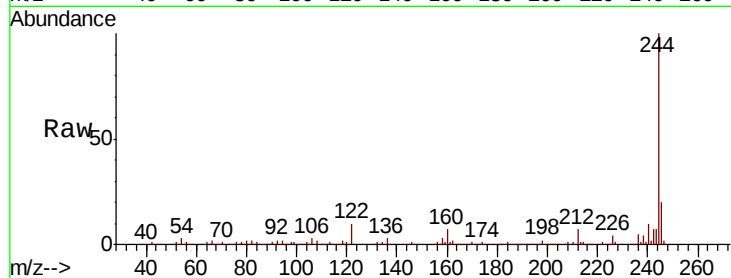
Tot Ion:244 Resp: 1586426

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

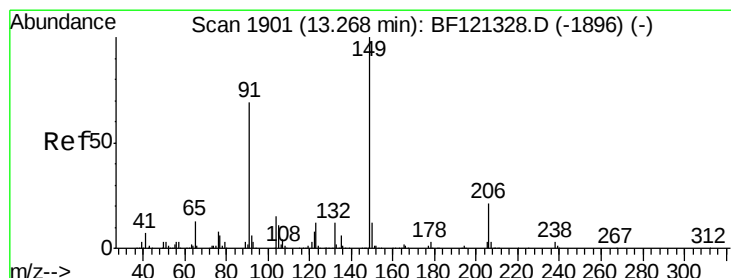
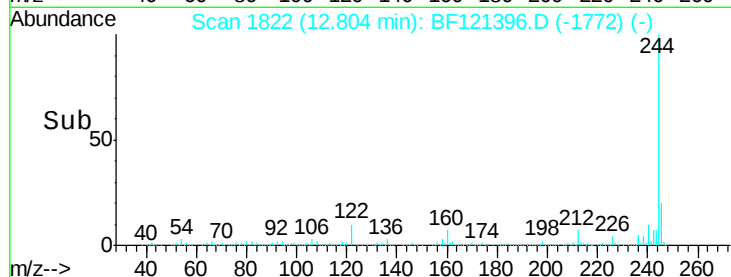
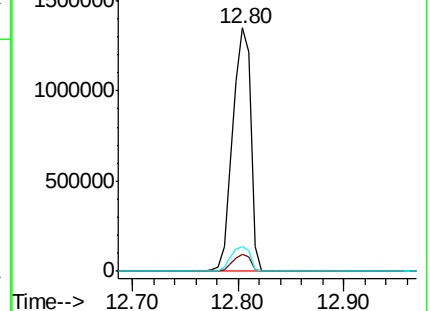
122 10.4 7.7 11.5



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: 34.963 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

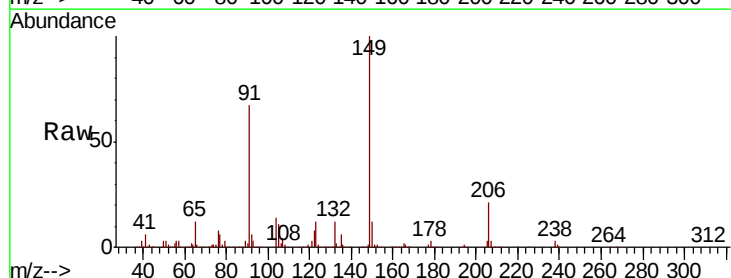
Tgt Ion:149 Resp: 582190

Ion Ratio Lower Upper

149 100

91 66.6 52.2 78.4

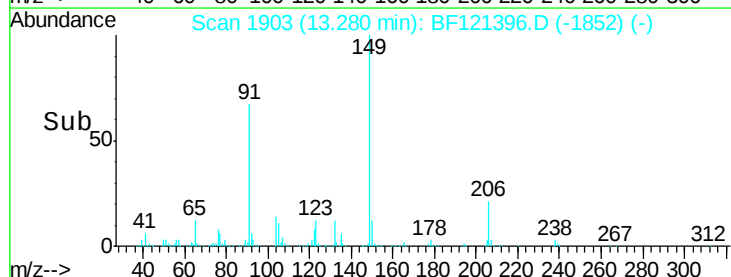
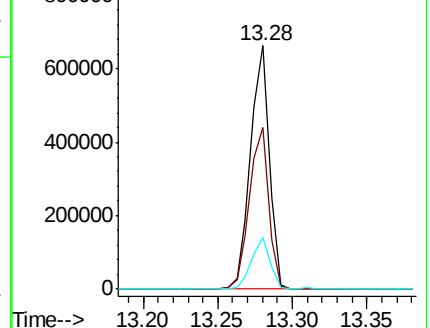
206 21.2 17.8 26.6

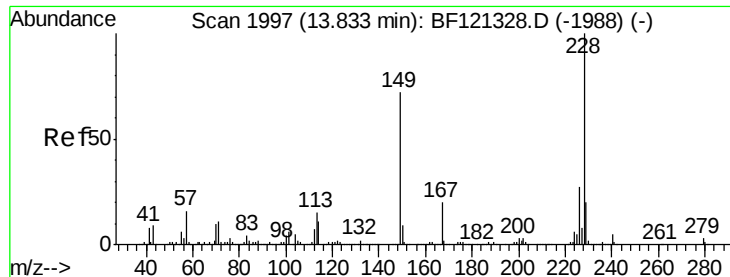


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.293 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

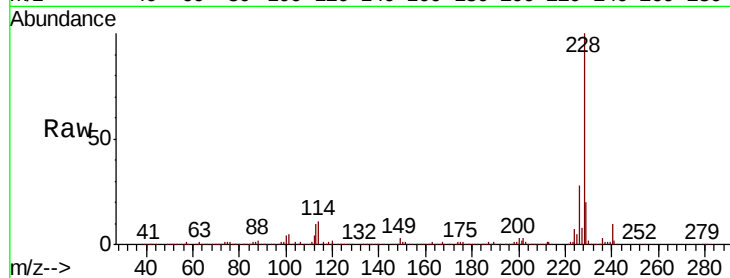
Tot Ion:228 Resp: 1098839

Ion Ratio Lower Upper

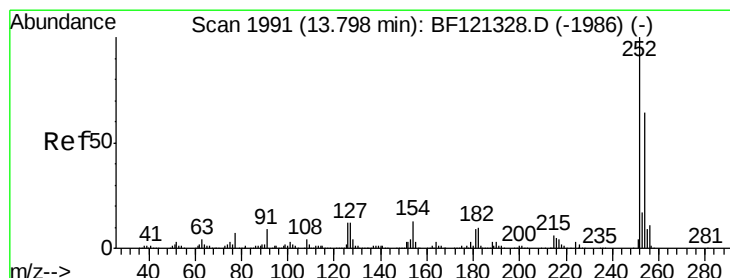
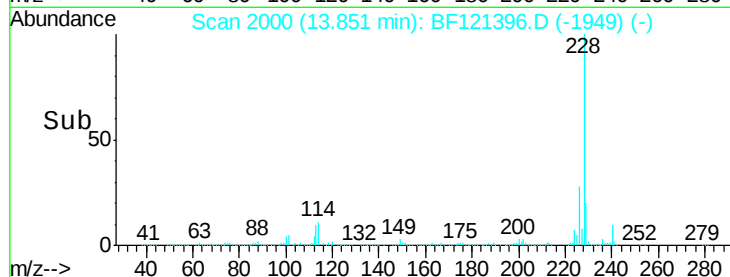
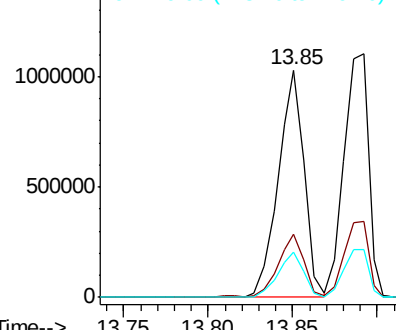
228 100

226 27.9 22.6 34.0

229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.827 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

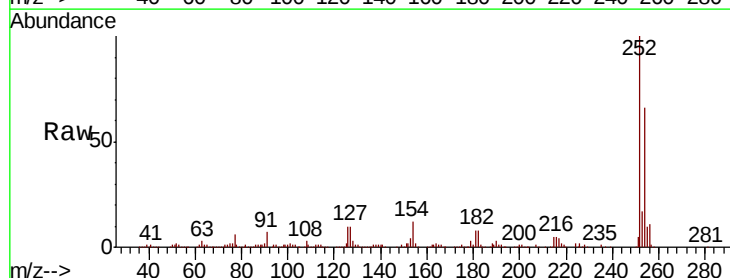
Tgt Ion:252 Resp: 342349

Ion Ratio Lower Upper

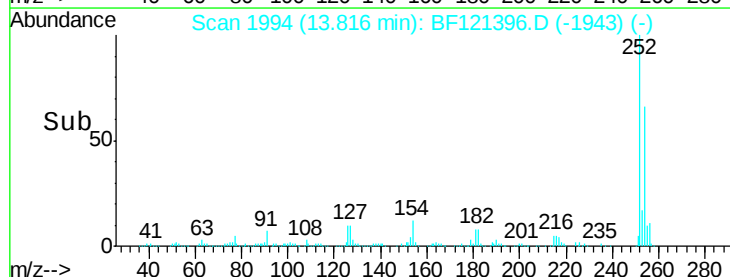
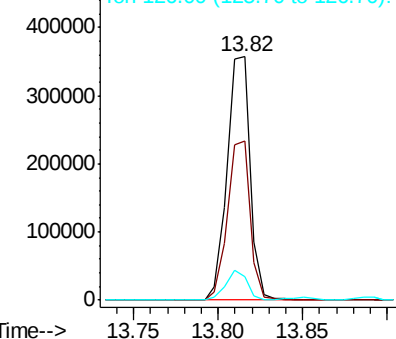
252 100

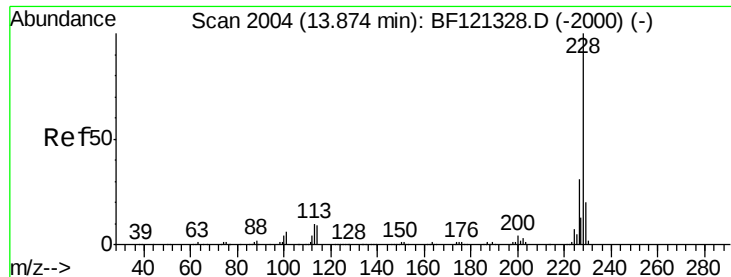
254 65.6 51.5 77.3

126 9.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.131 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampled :

PB131130BS

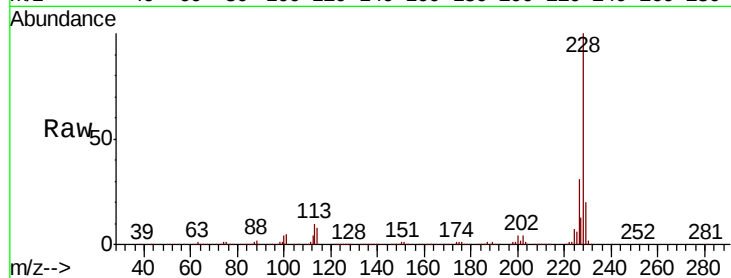
Tot Ion:228 Resp: 1118543

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

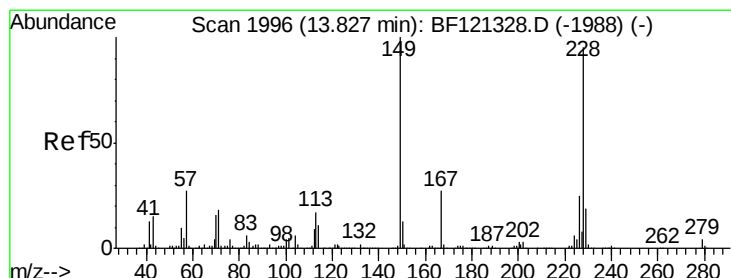
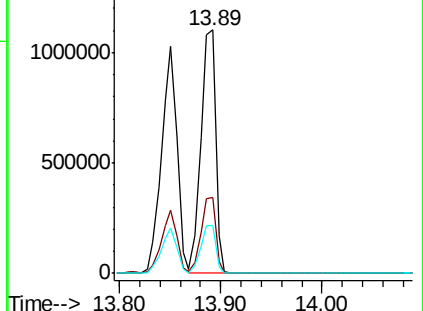
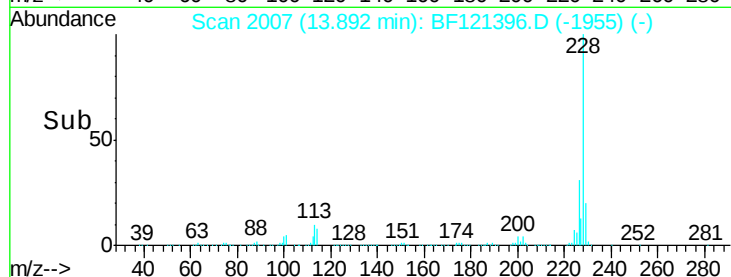
229 19.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.871 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

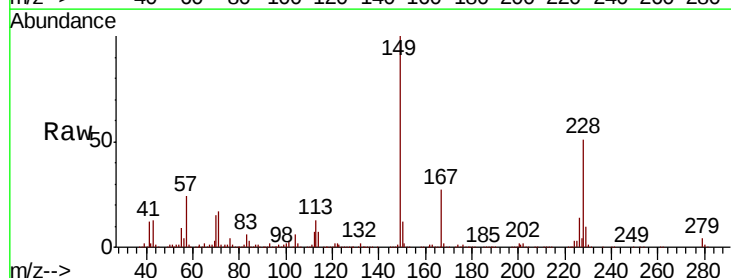
Tgt Ion:149 Resp: 741605

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

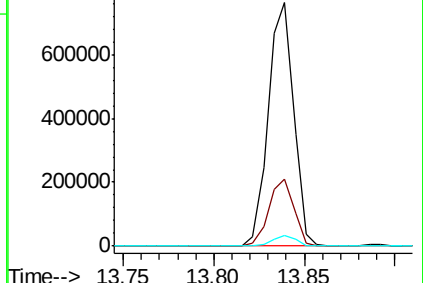
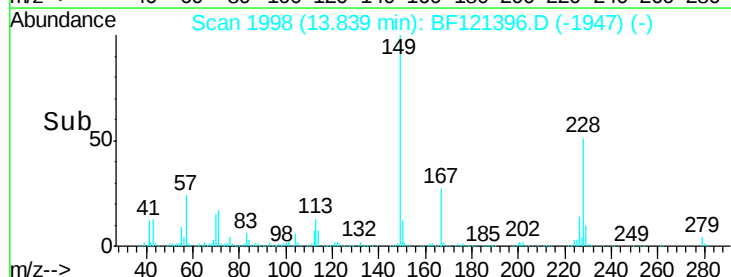
279 4.5 3.6 5.4

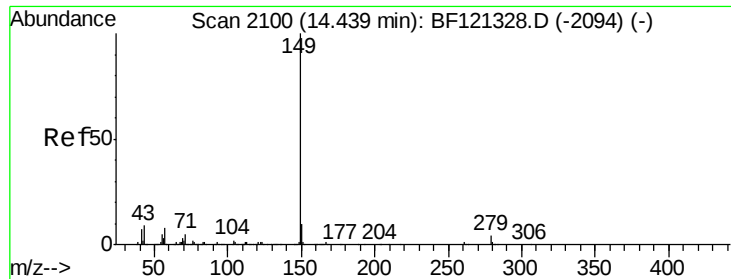


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.823 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

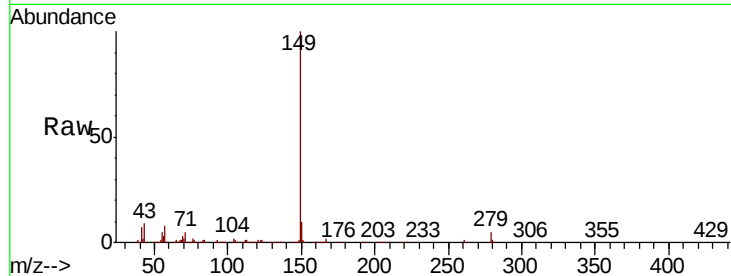
Tot Ion:149 Resp: 1370684

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

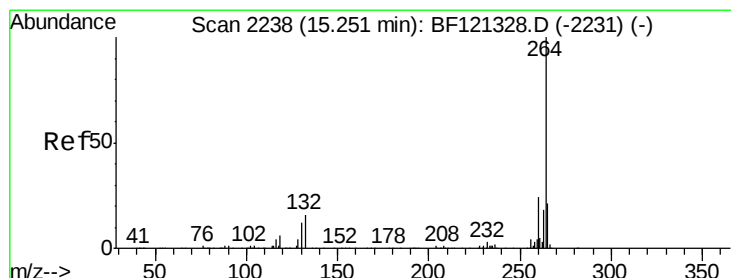
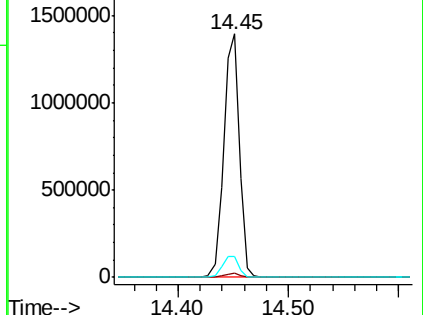
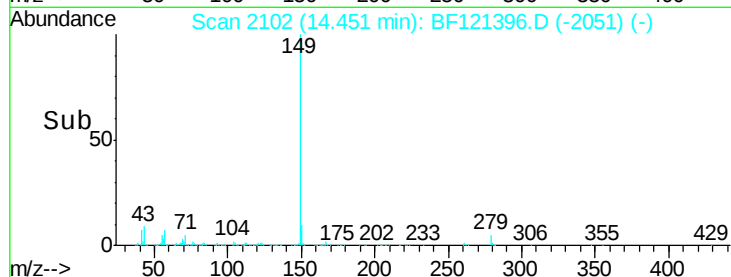
43 9.1 7.4 11.0



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

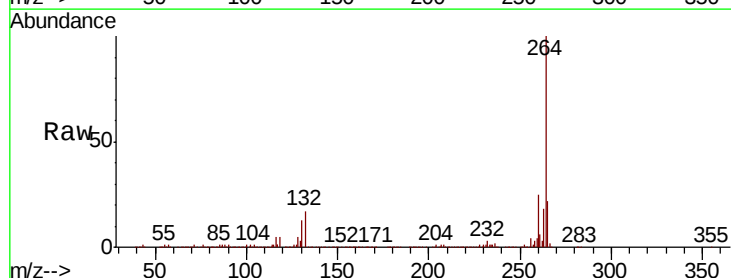
Tgt Ion:264 Resp: 556602

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

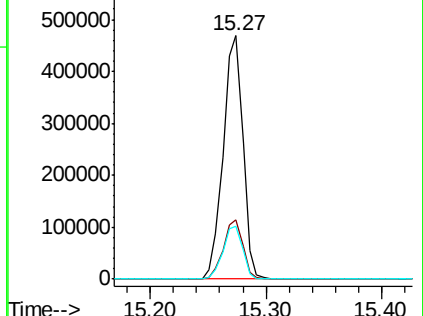
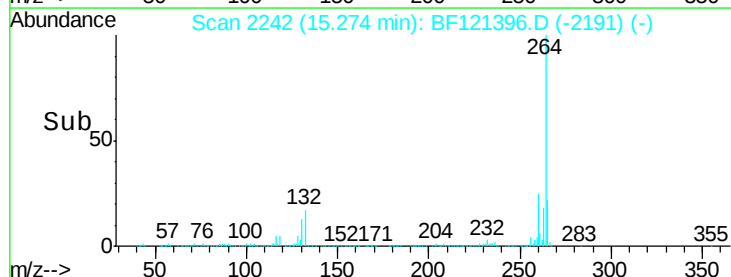
265 21.9 17.3 25.9

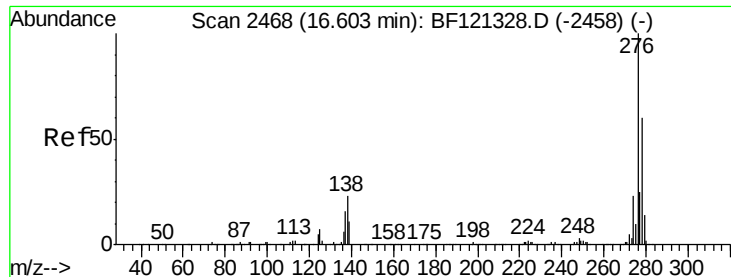


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

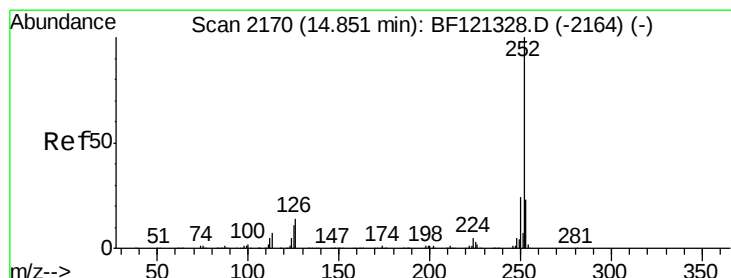
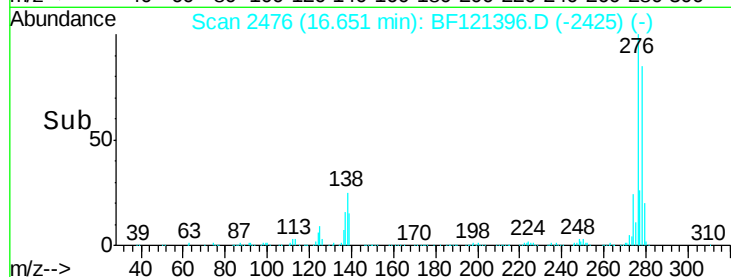
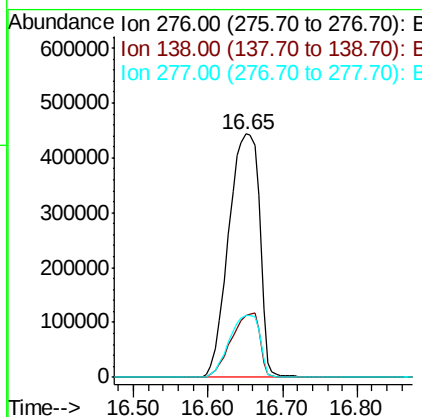
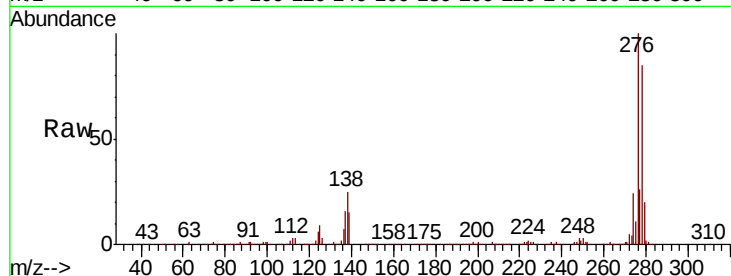




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.591 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

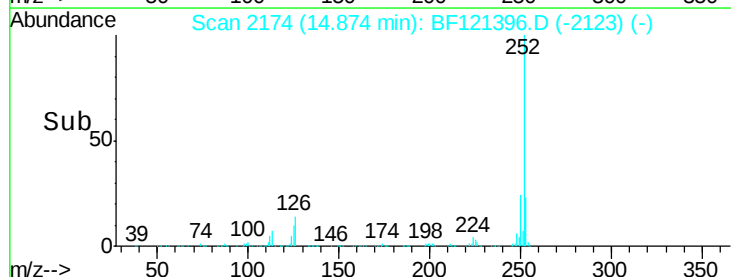
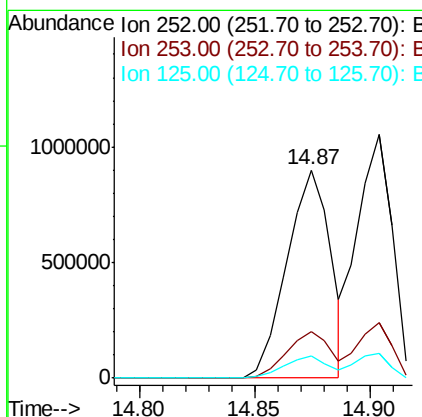
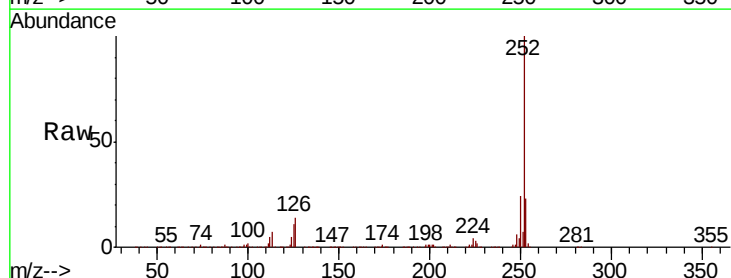
Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

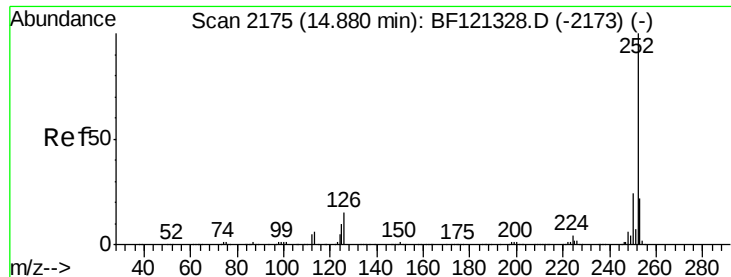
Tot Ion:276 Resp: 1277199
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.4 29.2
 277 25.3 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 32.825 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion:252 Resp: 1180336
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 10.5 8.3 12.5

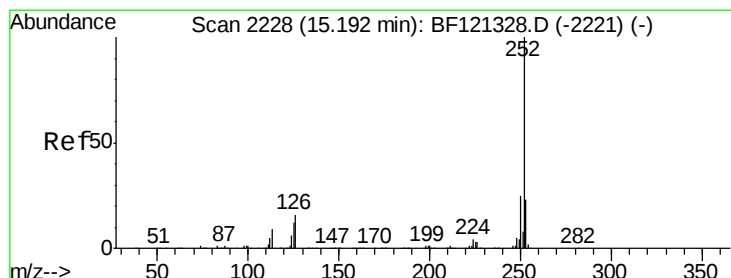
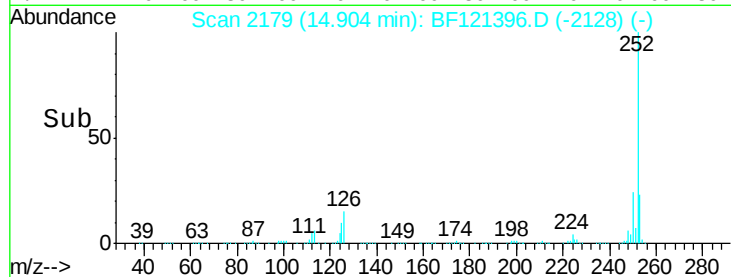
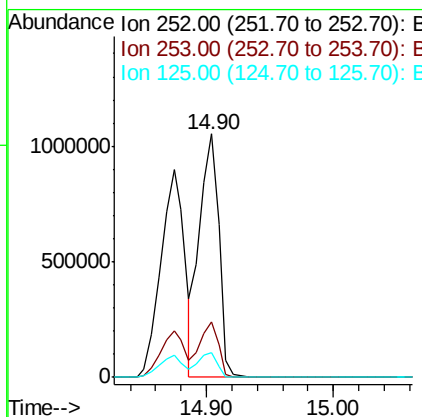
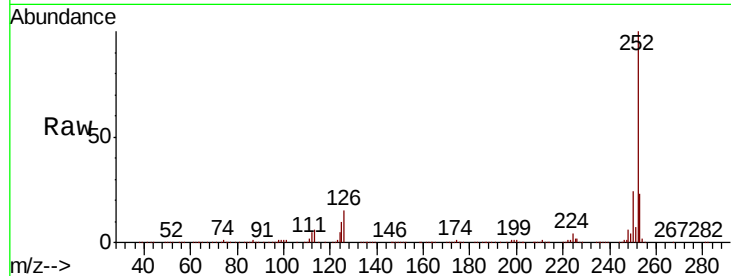




#89
Benzo(k)fluoranthene
Concen: 35.050 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

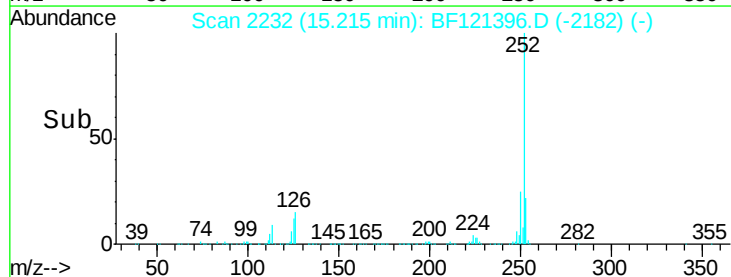
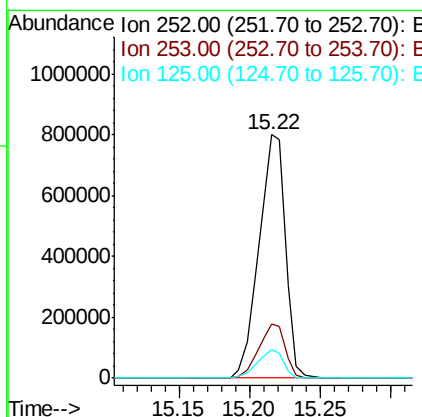
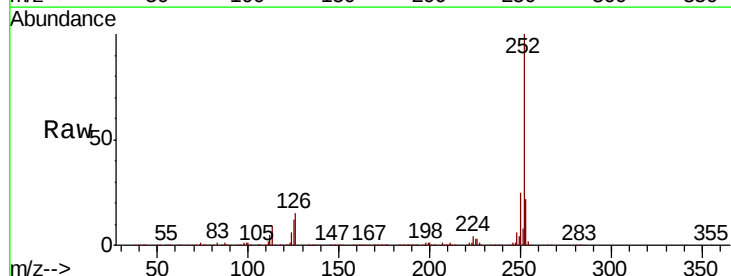
Instrument :
BNA_F
ClientSampleId :
PB131130BS

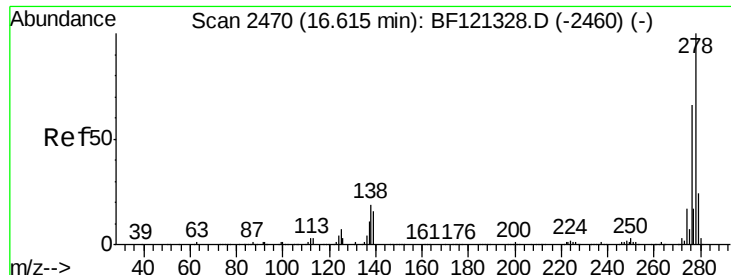
Tot Ion:252 Resp: 1109429
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 34.167 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:252 Resp: 1061552
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.0 8.5 12.7



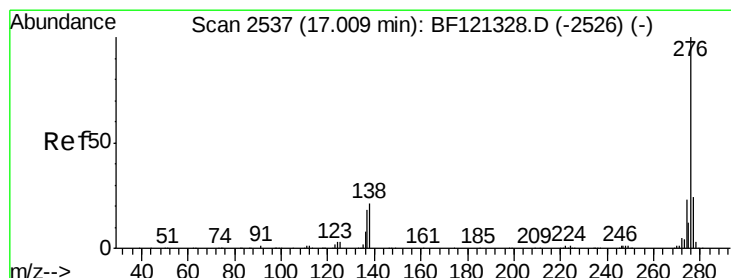
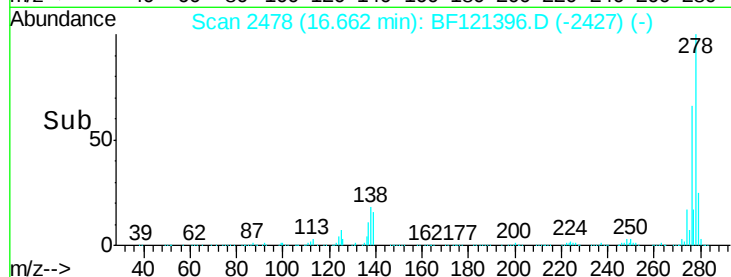
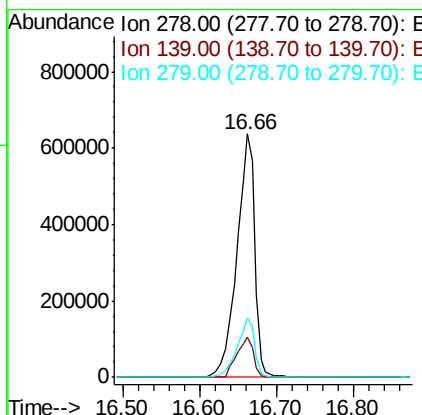
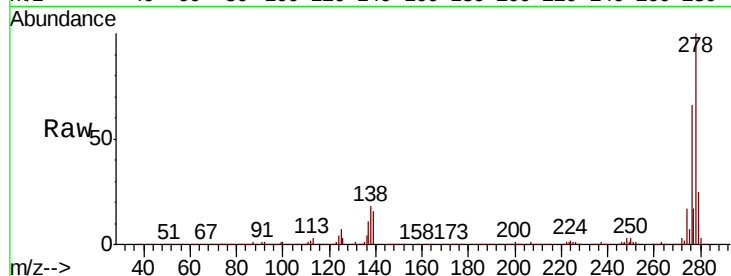


#91
Dibenzo(a,h)anthracene
Concen: 37.129 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion:278 Resp: 1034319

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.6
279	24.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.061 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:276 Resp: 1091032

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.9	17.3	25.9

