

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121393.D
 Acq On : 24 Aug 2020 11:36
 Operator : JU/CG
 Sample : PB131098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Quant Time: Aug 24 12:40:57 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	169697	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	665153	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	349137	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	681612	20.00	ng	0.00
76) Chrysene-d12	13.86	240	529089	20.00	ng	0.00
86) Perylene-d12	15.27	264	579749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	964544	93.20	ng	0.01
7) Phenol-d6	6.35	99	1137673	86.11	ng	0.00
23) Nitrobenzene-d5	7.27	82	808685	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	372628	91.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1402864	75.72	ng	0.00
79) Terphenyl-d14	12.80	244	1481451	54.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	144624	30.882	ng	99
3) Pyridine	3.12	79	350912	27.919	ng	99
4) n-Nitrosodimethylamine	3.08	42	197561	38.617	ng	99
6) Aniline	6.36	93	467492	30.645	ng	97
8) 2-Chlorophenol	6.49	128	444868	41.128	ng	98
9) Benzaldehyde	6.25	77	261446	35.177	ng	95
10) Phenol	6.36	94	482903	34.860	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	415320	38.928	ng	99
12) 1,3-Dichlorobenzene	6.64	146	443166	36.569	ng	100
13) 1,4-Dichlorobenzene	6.72	146	448711	36.678	ng	98
14) 1,2-Dichlorobenzene	6.87	146	425906	36.557	ng	98
15) Benzyl Alcohol	6.85	79	350513	44.095	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	564850	35.957	ng	99
17) 2-Methylphenol	6.97	107	344373	38.586	ng	99
18) Hexachloroethane	7.21	117	166134	36.471	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	267122	37.595	ng	99
20) 3+4-Methylphenols	7.13	107	406693	46.233	ng	99
22) Acetophenone	7.12	105	560030	36.013	ng	# 99
24) Nitrobenzene	7.29	77	447956	37.371	ng	96
25) Isophorone	7.53	82	817807	38.210	ng	99
26) 2-Nitrophenol	7.60	139	243929	39.679	ng	98
27) 2,4-Dimethylphenol	7.65	122	380487	43.375	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	523349	35.920	ng	99
29) 2,4-Dichlorophenol	7.85	162	363455	37.950	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	389374	35.553	ng	99
31) Naphthalene	8.00	128	1196899	36.156	ng	99
32) Benzoic acid	7.80	122	195438	31.367	ng	100
33) 4-Chloroaniline	8.06	127	407474	27.797	ng	99
34) Hexachlorobutadiene	8.12	225	223119	34.424	ng	99
35) Caprolactam	8.45	113	72543	23.127	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	381750	39.411	ng	97
37) 2-Methylnaphthalene	8.70	142	807630	37.640	ng	100
38) 1-Methylnaphthalene	8.80	142	755787	37.045	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	383687	37.027	ng	99

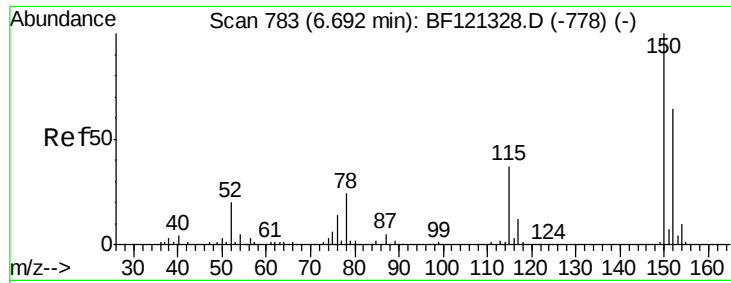
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121393.D
 Acq On : 24 Aug 2020 11:36
 Operator : JU/CG
 Sample : PB131098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Quant Time: Aug 24 12:40:57 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)
41) Hexachlorocyclopentadiene	8.85	237	326382	79.565	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	265719	37.508	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	281899	38.678	ng	99
46) 1,1'-Biphenyl	9.16	154	989992	37.832	ng	100
47) 2-Chloronaphthalene	9.19	162	758338	35.175	ng	100
48) 2-Nitroaniline	9.29	65	246914	36.375	ng	99
49) Acenaphthylene	9.60	152	1218237	38.044	ng	100
50) Dimethylphthalate	9.46	163	948838	37.355	ng	100
51) 2,6-Dinitrotoluene	9.53	165	211869	39.056	ng	98
52) Acenaphthene	9.77	154	704387	36.203	ng	99
53) 3-Nitroaniline	9.70	138	172301	25.390	ng	99
54) 2,4-Dinitrophenol	9.82	184	216212	82.674	ng	91
55) Dibenzofuran	9.95	168	1013723	40.250	ng	98
56) 4-Nitrophenol	9.88	139	298368	71.292	ng	98
57) 2,4-Dinitrotoluene	9.94	165	252370	38.135	ng	99
58) Fluorene	10.29	166	791950	43.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	239900	38.504	ng	96
60) Diethylphthalate	10.16	149	930693	37.523	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	393283	42.398	ng	99
62) 4-Nitroaniline	10.32	138	248589	35.752	ng	99
63) Azobenzene	10.44	77	863492	37.481	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	155150	42.563	ng	87
66) n-Nitrosodiphenylamine	10.40	169	778404	37.023	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	276851	36.616	ng	99
68) Hexachlorobenzene	10.83	284	308479	35.395	ng	100
69) Atrazine	10.93	200	236618	36.330	ng	98
70) Pentachlorophenol	11.03	266	309215	79.742	ng	99
71) Phenanthrene	11.25	178	1226203	34.759	ng	99
72) Anthracene	11.30	178	1282012	37.738	ng	99
73) Carbazole	11.46	167	1207532	37.246	ng	100
74) Di-n-butylphthalate	11.79	149	1440677	36.851	ng	99
75) Fluoranthene	12.43	202	1391831	36.350	ng	99
77) Benzidine	12.56	184	777124	53.313	ng	99
78) Pyrene	12.66	202	1426666	35.897	ng	99
80) Butylbenzylphthalate	13.28	149	646400	37.851	ng	98
81) Benzo(a)anthracene	13.85	228	1166616	35.500	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	368812	29.230	ng	100
83) Chrysene	13.89	228	1194140	35.529	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	787506	39.212	ng	100
85) Di-n-octyl phthalate	14.45	149	1497661	40.296	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1284467	36.295	ng	100
88) Benzo(b)fluoranthene	14.87	252	1368094	36.527	ng	100
89) Benzo(k)fluoranthene	14.90	252	1037505	31.469	ng	100
90) Benzo(a)pyrene	15.22	252	1110844	34.326	ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1038044	35.775	ng	98
92) Benzo(g,h,i)perylene	17.06	276	1088374	38.368	ng	100

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

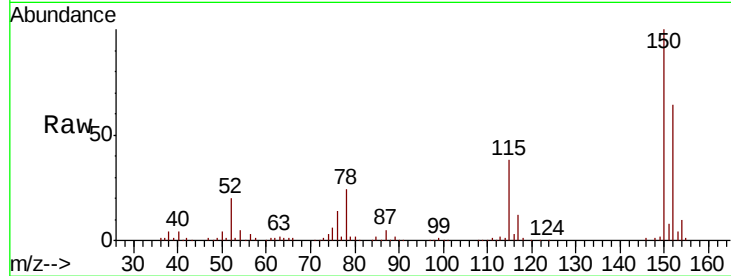


#1

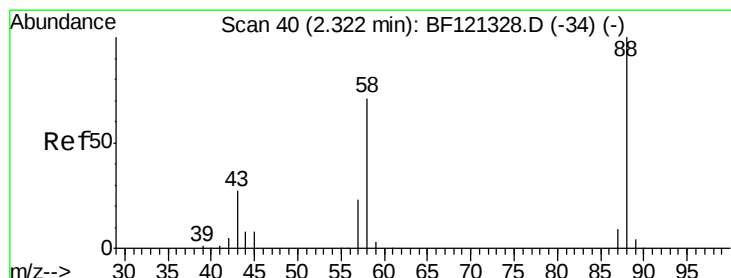
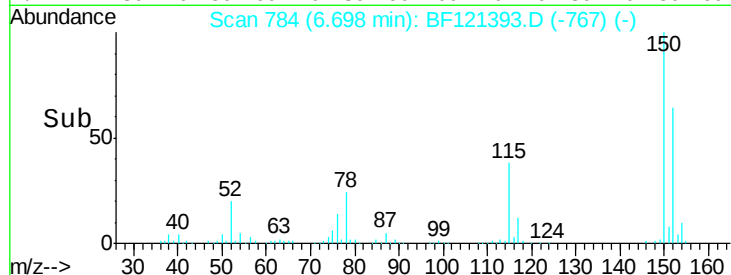
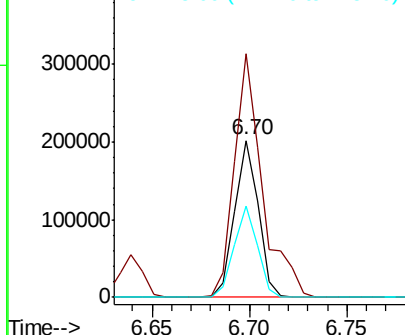
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion:152 Resp: 169697
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.0
115 58.5 47.0 70.6



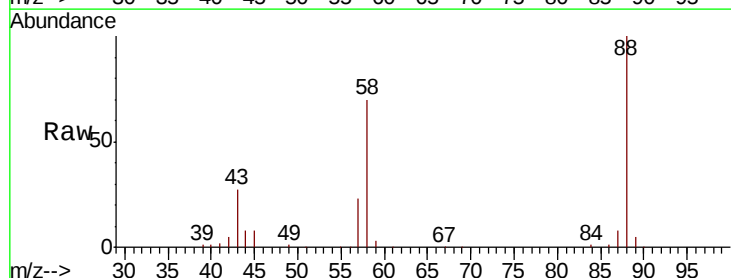
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



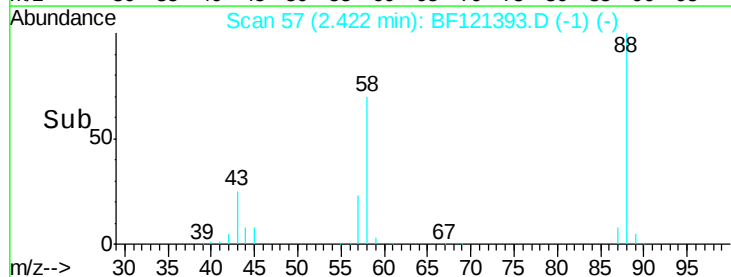
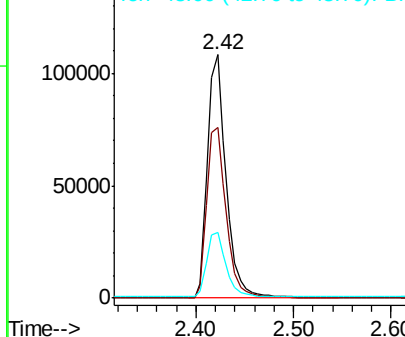
#2

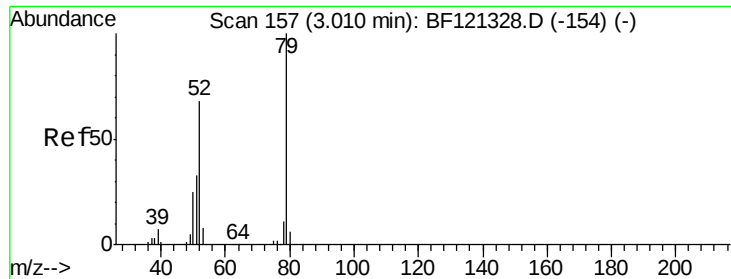
1,4-Dioxane
Concen: 30.882 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.09 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion: 88 Resp: 144624
Ion Ratio Lower Upper
88 100
58 73.1 58.6 88.0
43 26.3 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

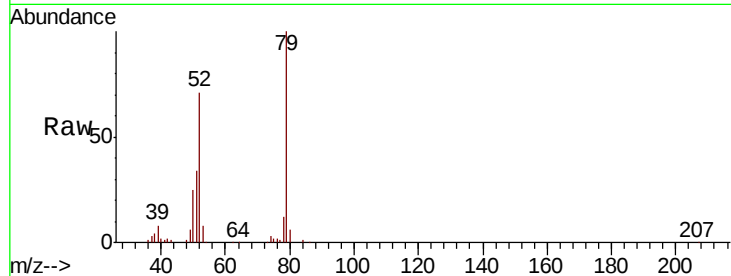




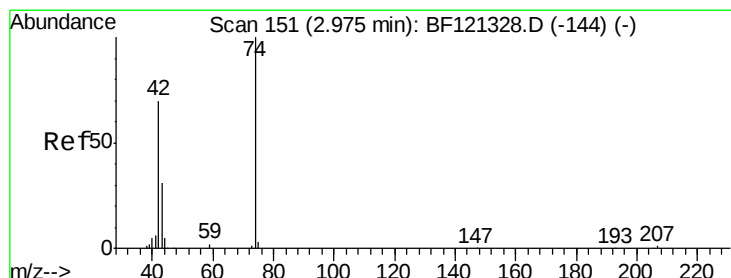
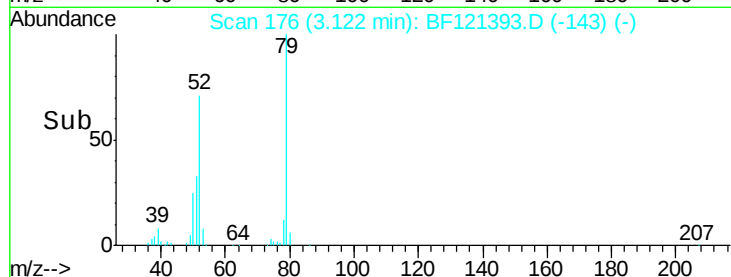
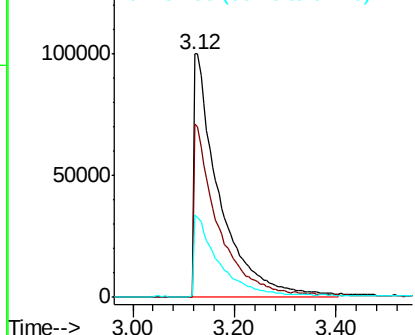
#3
 Pvridine
 Concen: 27.919 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.09 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion: 79 Resp: 350912
 Ion Ratio Lower Upper
 79 100
 52 70.9 55.8 83.8
 51 33.8 27.1 40.7

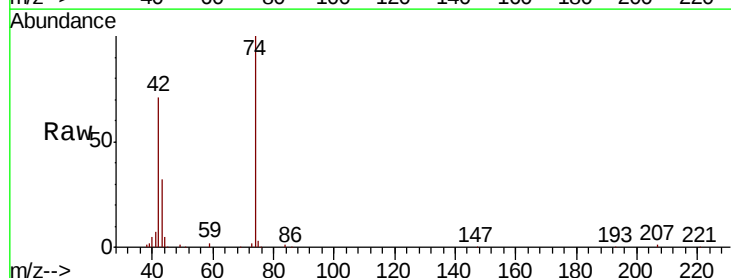


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

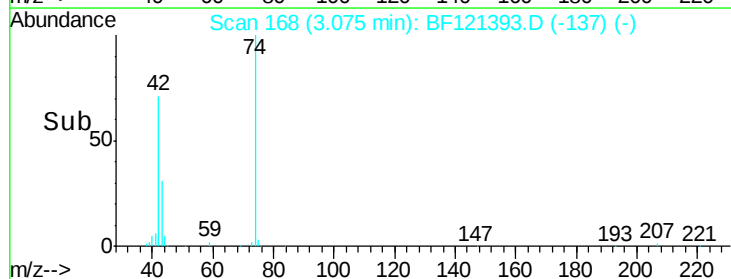
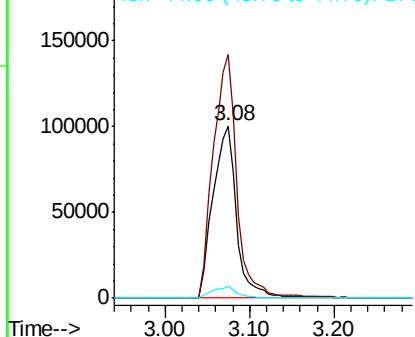


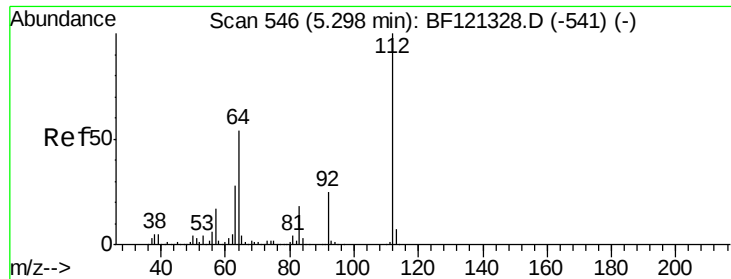
#4
 n-Nitrosodimethylamine
 Concen: 38.617 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.08 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion: 42 Resp: 197561
 Ion Ratio Lower Upper
 42 100
 74 141.4 114.6 171.8
 44 6.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.201 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

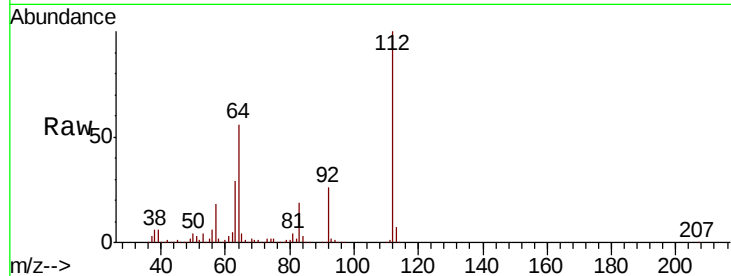
Tot Ion:112 Resp: 964544

Ion Ratio Lower Upper

112 100

64 56.1 42.2 63.4

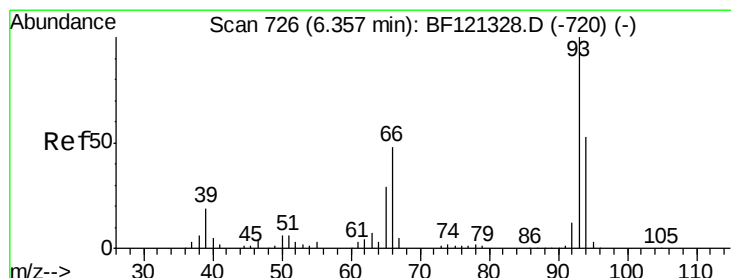
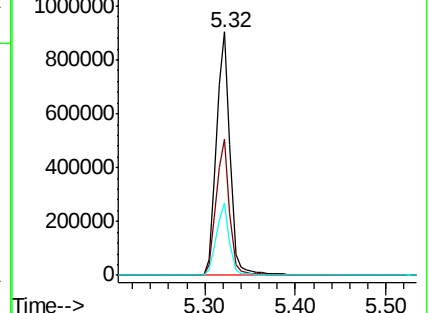
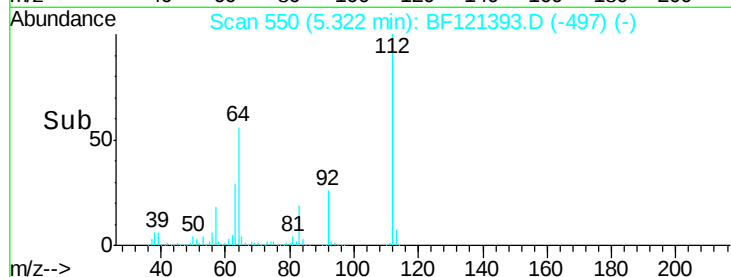
63 29.4 21.4 32.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.645 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

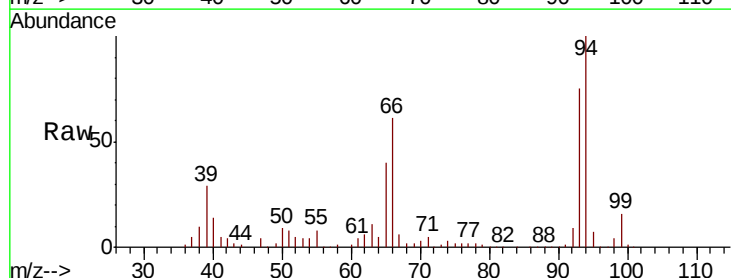
Tgt Ion: 93 Resp: 467492

Ion Ratio Lower Upper

93 100

66 81.9 63.2 94.8

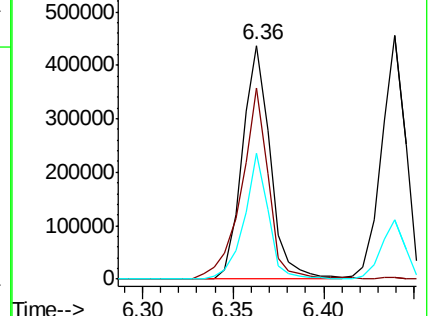
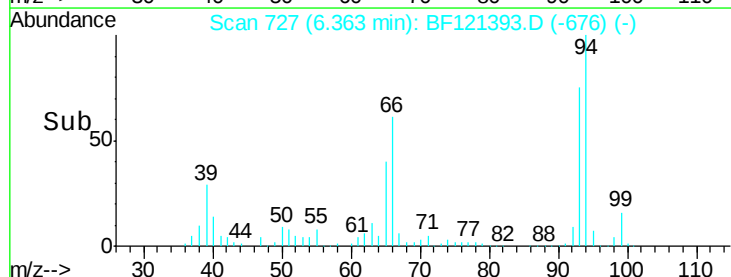
65 54.0 42.1 63.1

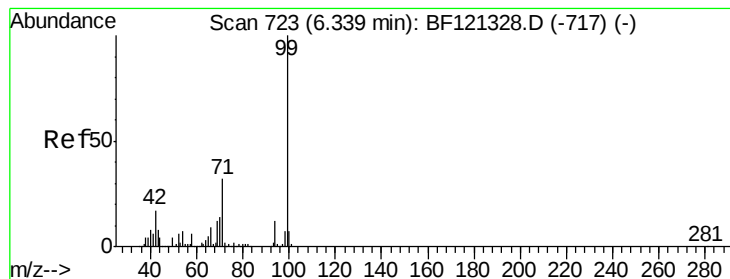


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.112 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

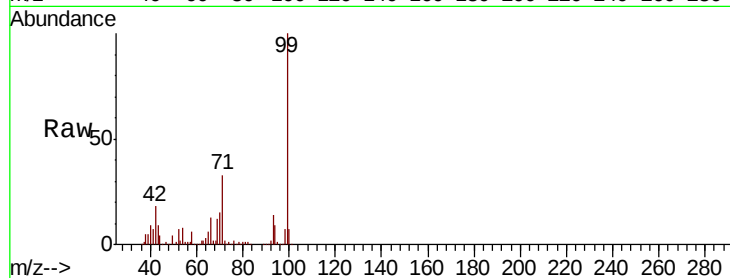
Tot Ion: 99 Resp: 1137673

Ion Ratio Lower Upper

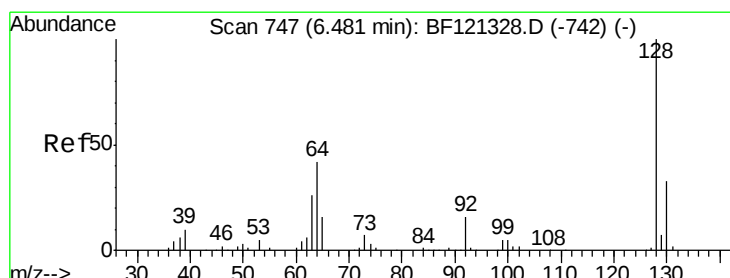
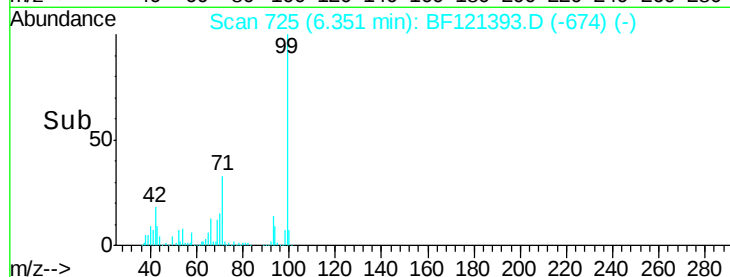
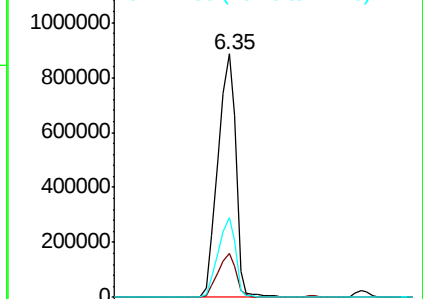
99 100

42 18.0 13.9 20.9

71 32.6 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: 41.128 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

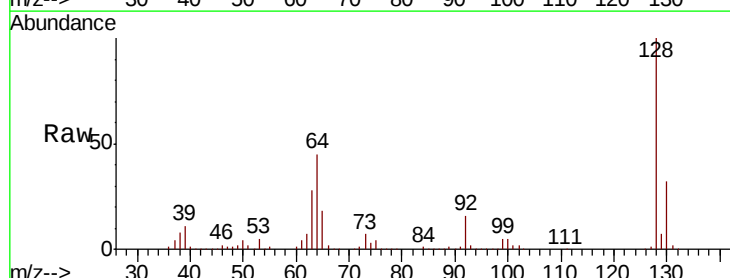
Tgt Ion: 128 Resp: 444868

Ion Ratio Lower Upper

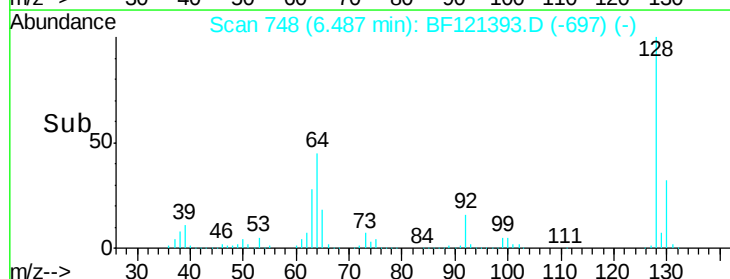
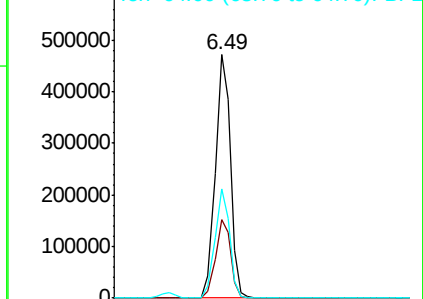
128 100

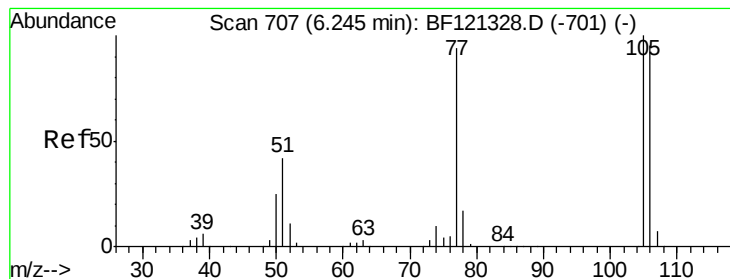
130 32.4 11.8 51.8

64 45.1 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: 35.177 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

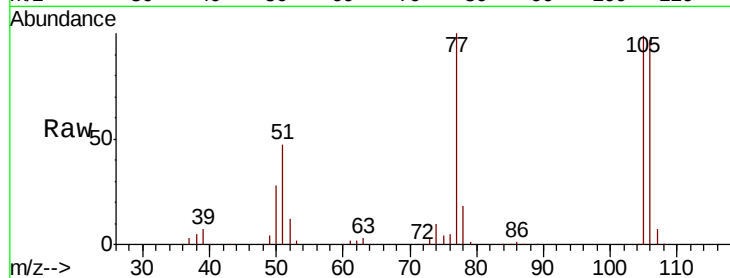
Tot Ion: 77 Resp: 261446

Ion Ratio Lower Upper

77 100

105 99.5 84.3 124.3

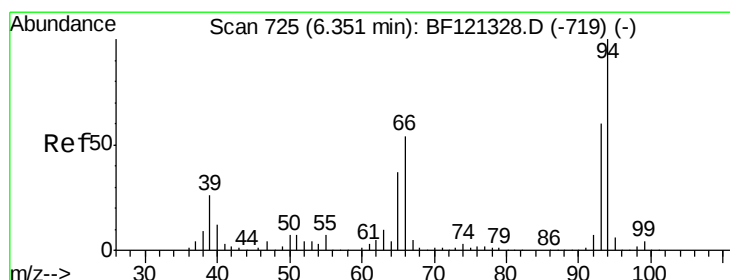
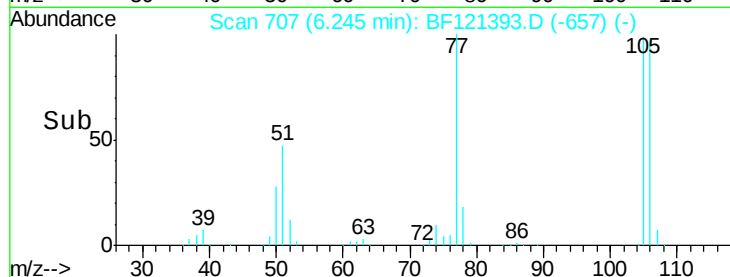
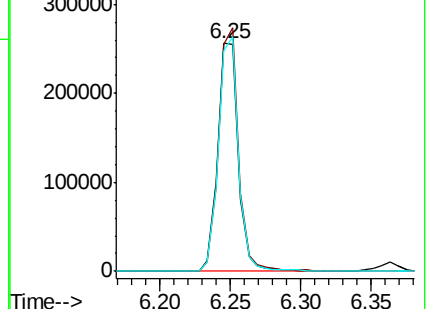
106 96.9 81.3 121.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.860 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

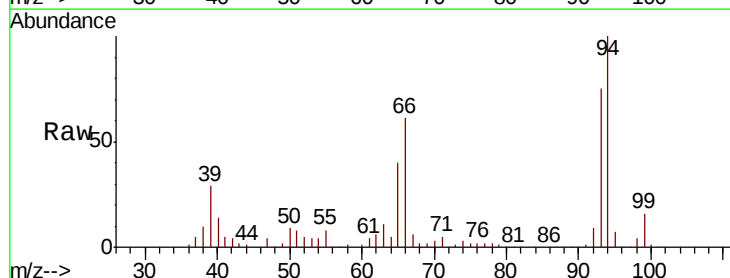
Tgt Ion: 94 Resp: 482903

Ion Ratio Lower Upper

94 100

65 40.4 20.4 60.4

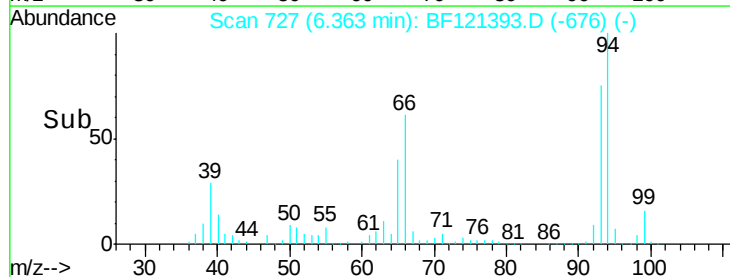
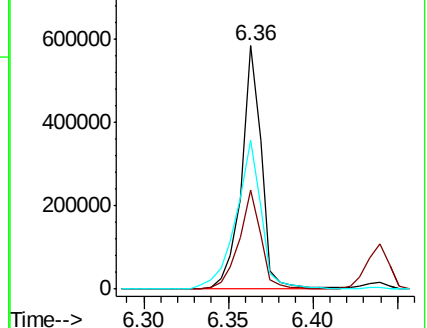
66 61.3 40.6 80.6

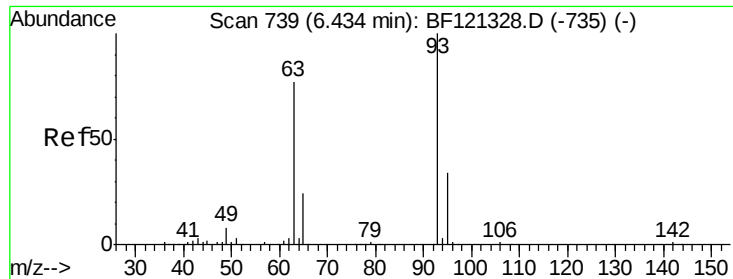


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.928 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

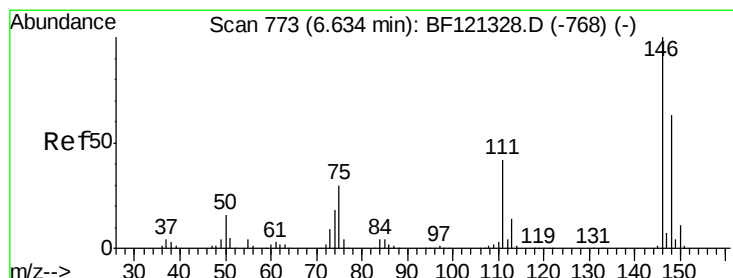
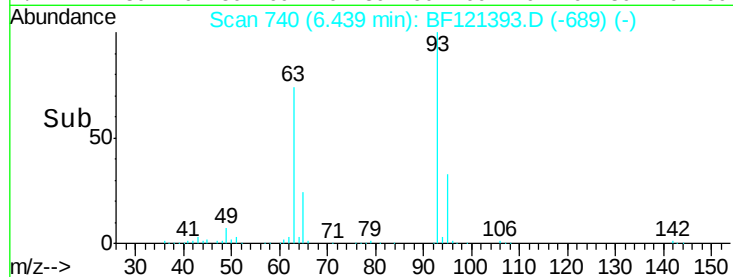
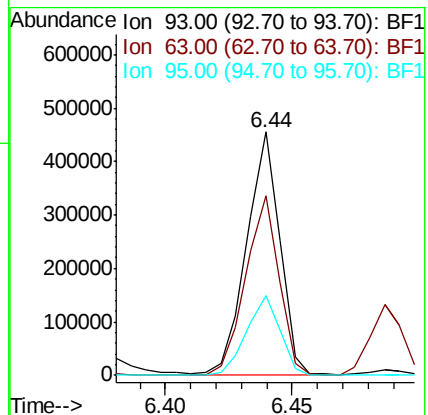
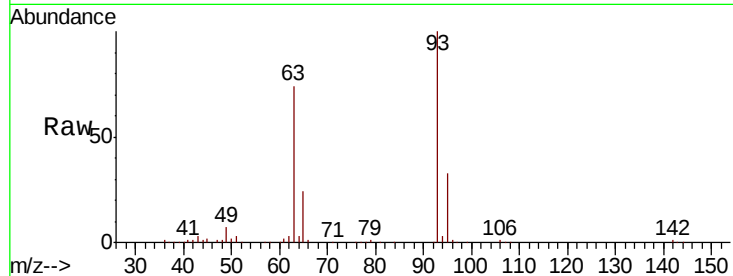
Tot Ion: 93 Resp: 415320

Ion Ratio Lower Upper

93 100

63 74.0 55.5 95.5

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.569 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

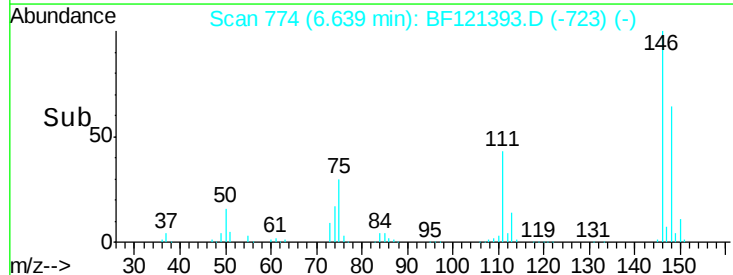
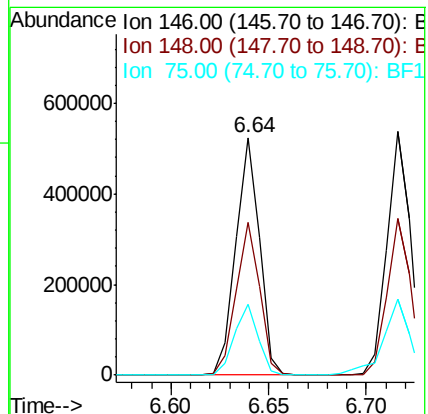
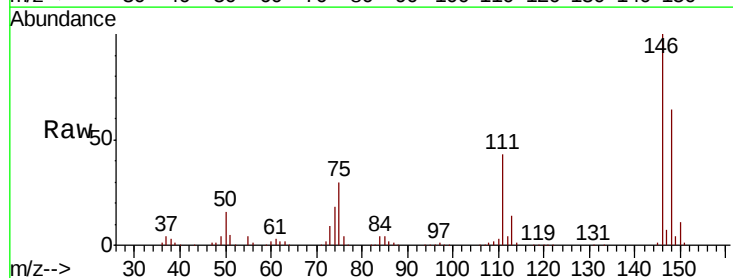
Tgt Ion: 146 Resp: 443166

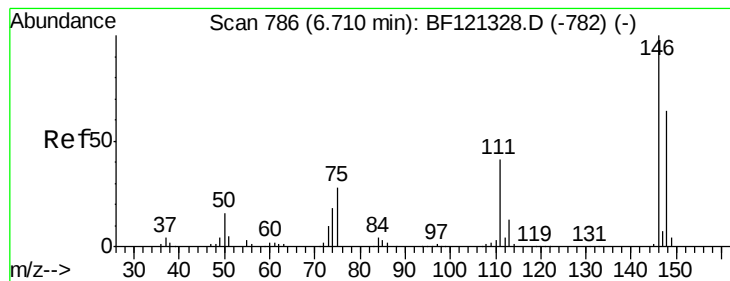
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

75 29.9 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 36.678 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

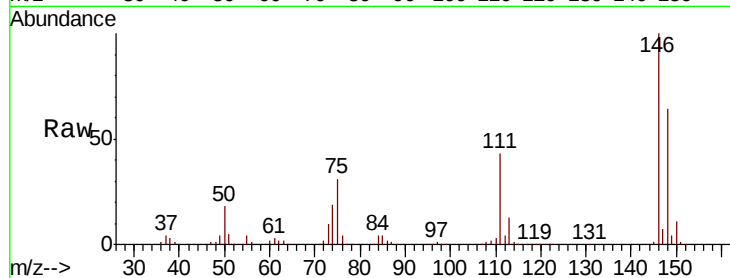
Tot Ion:146 Resp: 448711

Ion Ratio Lower Upper

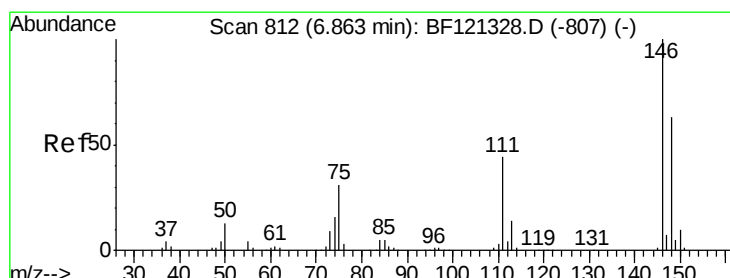
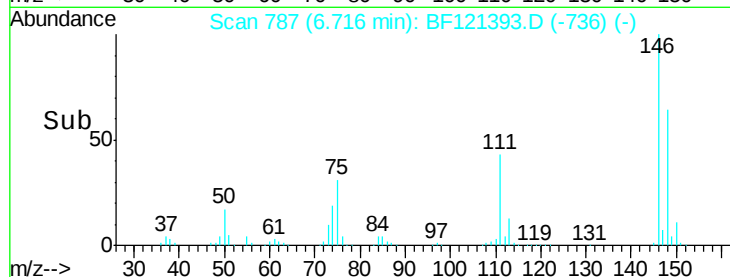
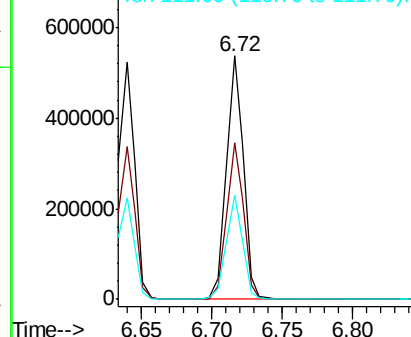
146 100

148 64.1 50.6 76.0

111 42.5 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: 36.557 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

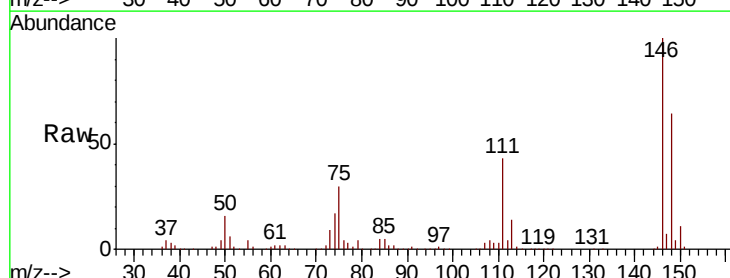
Tgt Ion:146 Resp: 425906

Ion Ratio Lower Upper

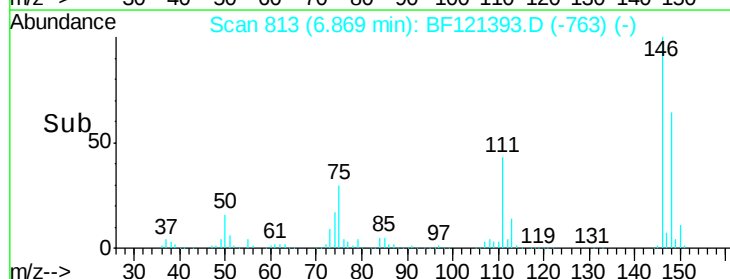
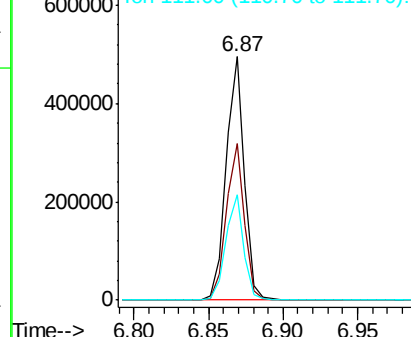
146 100

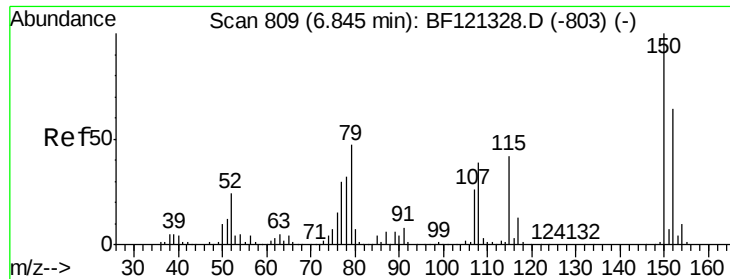
148 64.1 51.1 76.7

111 43.3 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

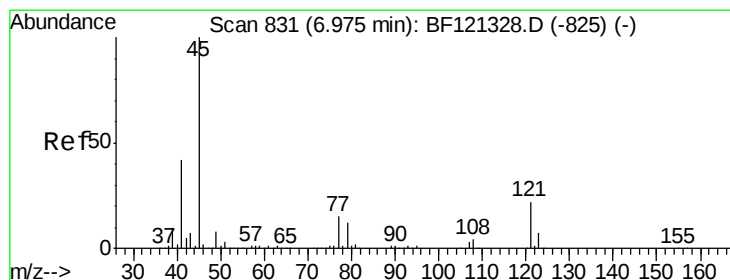
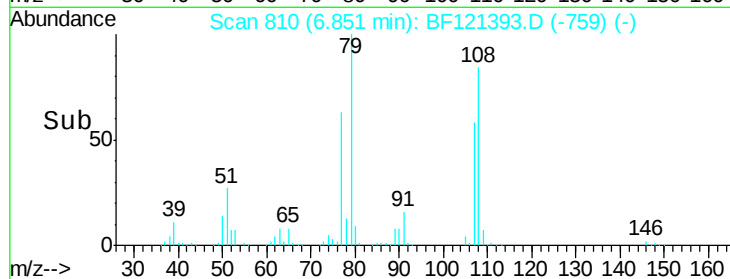
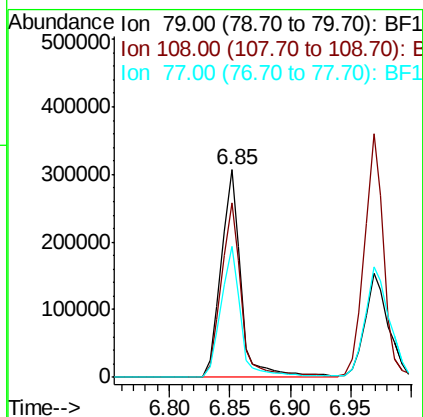
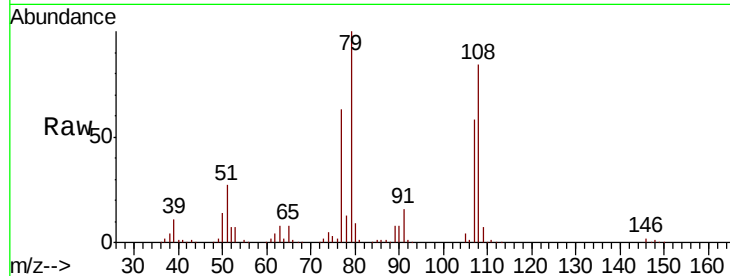




#15
Benzyl Alcohol
Concen: 44.095 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

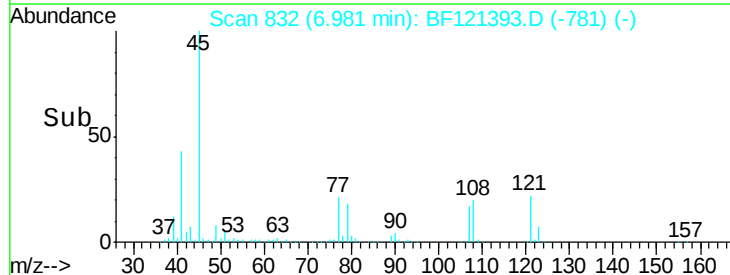
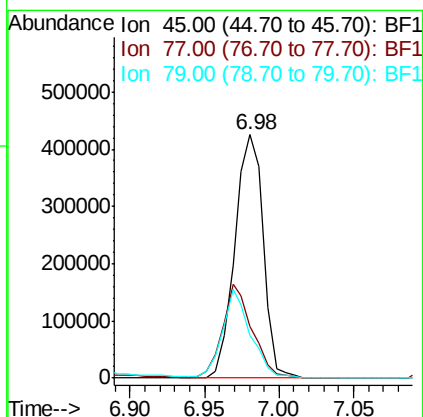
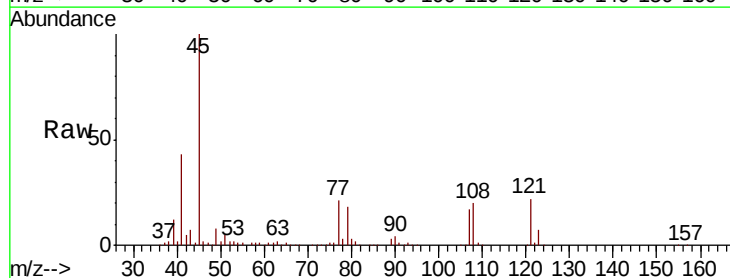
Instrument :
BNA_F
ClientSampleId :
PB131098BS

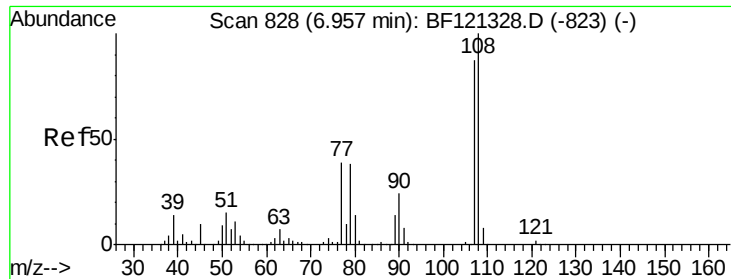
Tot Ion: 79 Resp: 350513
Ion Ratio Lower Upper
79 100
108 83.9 62.3 93.5
77 62.8 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.957 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion: 45 Resp: 564850
Ion Ratio Lower Upper
45 100
77 21.1 0.7 40.7
79 17.7 0.0 37.1

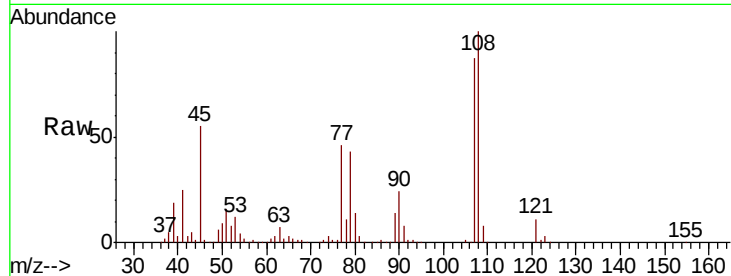




#17
2-Methylphenol
Concen: 38.586 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	52.1	40.1	60.1
79	49.2	38.0	57.0



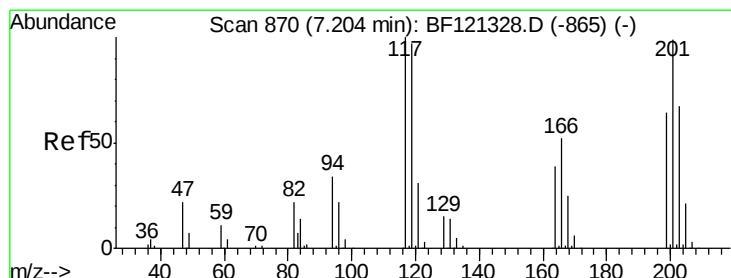
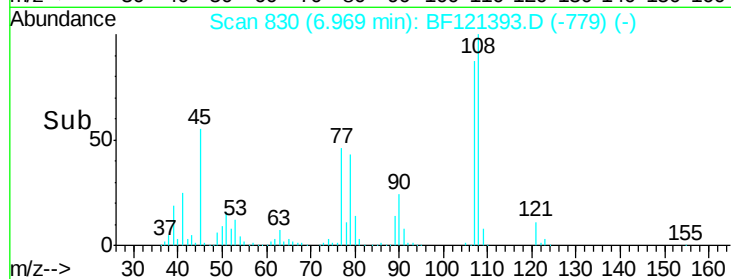
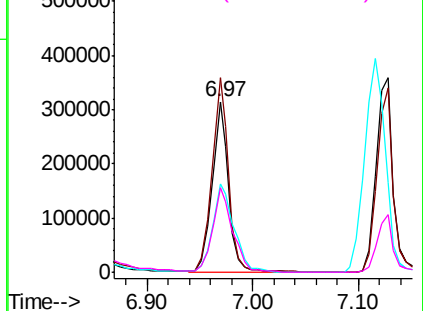
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

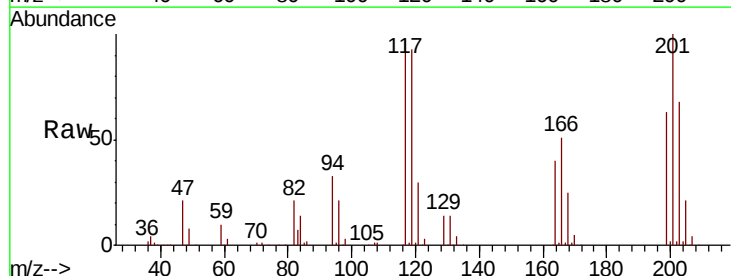
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.471 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.6
201	102.6	80.6	120.8

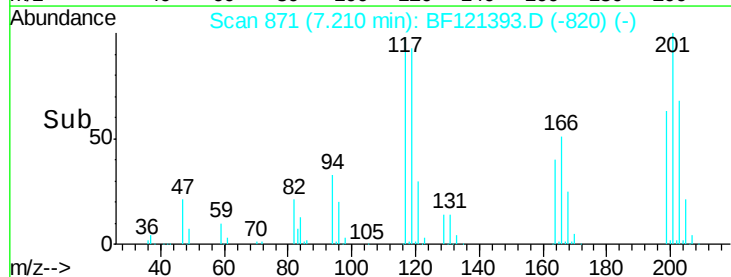
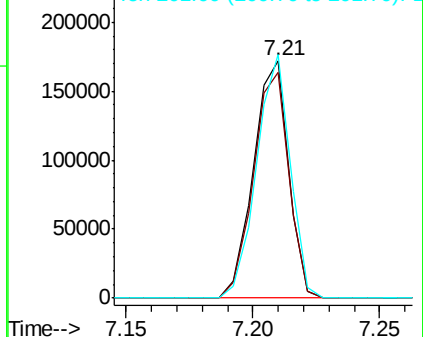


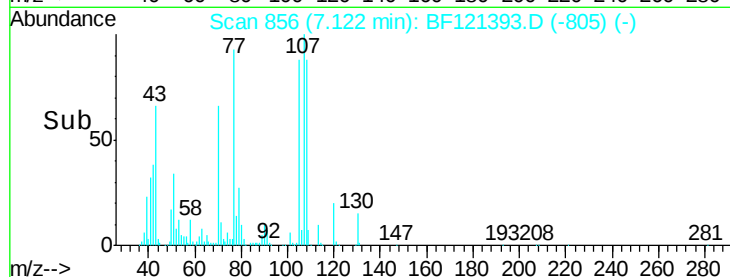
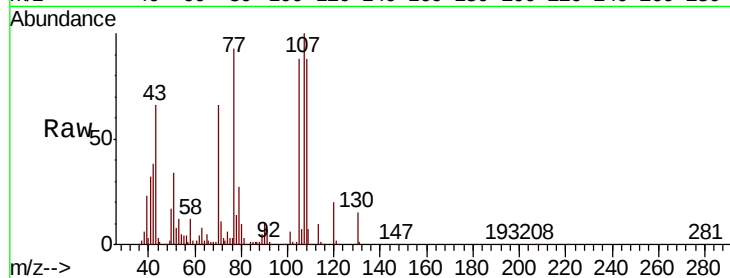
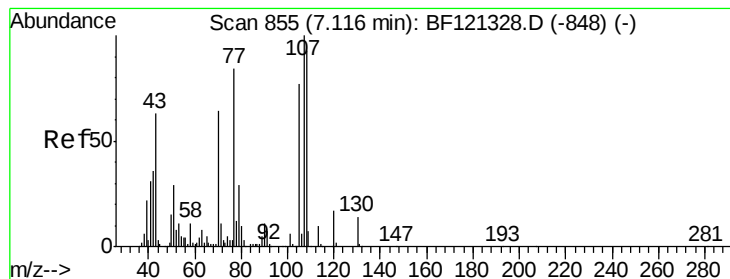
Abundance

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: 37.595 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion: 70 Resp: 267122

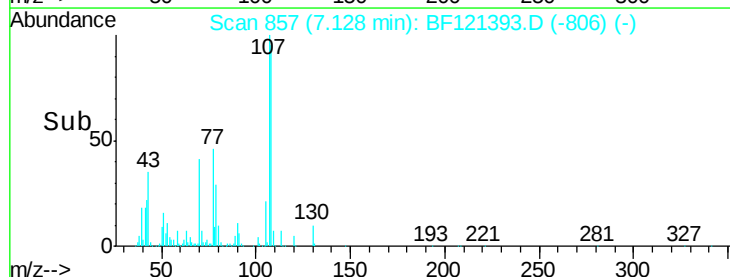
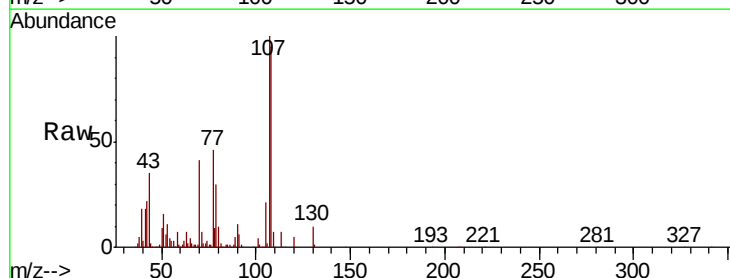
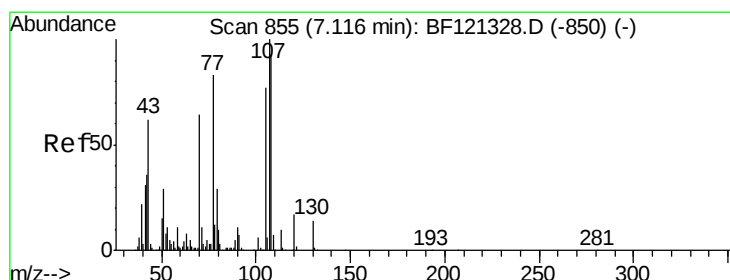
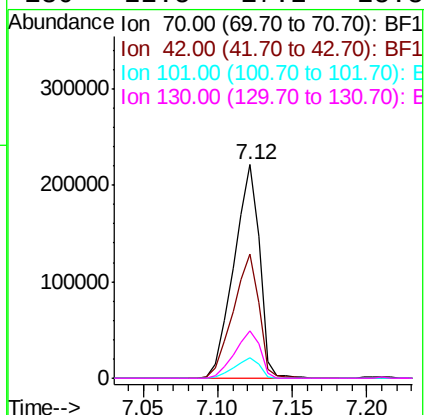
Ion Ratio Lower Upper

70 100

42 57.9 46.9 70.3

101 9.8 7.7 11.5

130 22.5 17.2 25.8



#20

3+4-Methylphenols

Concen: 46.233 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:107 Resp: 406693

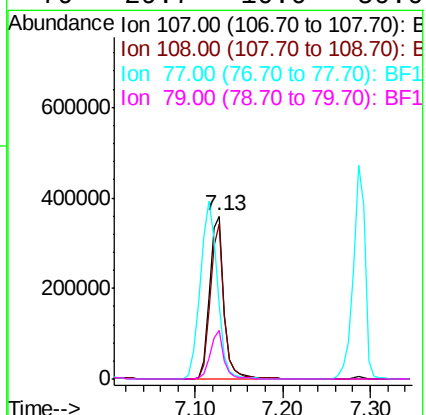
Ion Ratio Lower Upper

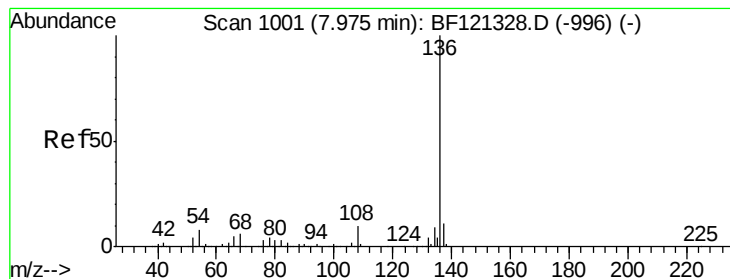
107 100

108 95.0 76.0 116.0

77 45.9 26.5 66.5

79 29.7 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion:136 Resp: 665153

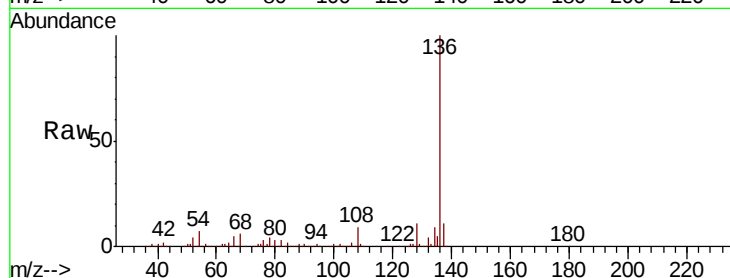
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 5.8 8.6

68 5.7 4.7 7.1

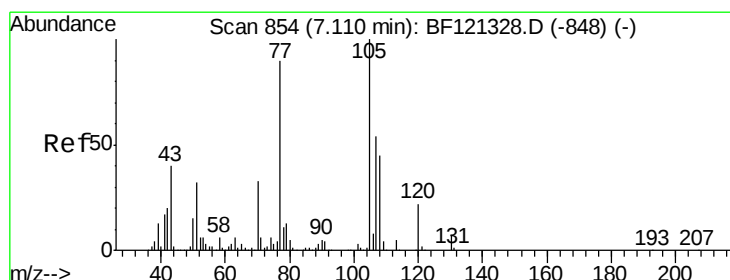
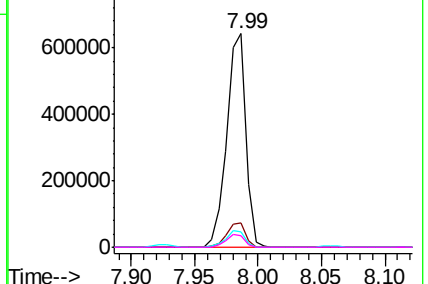
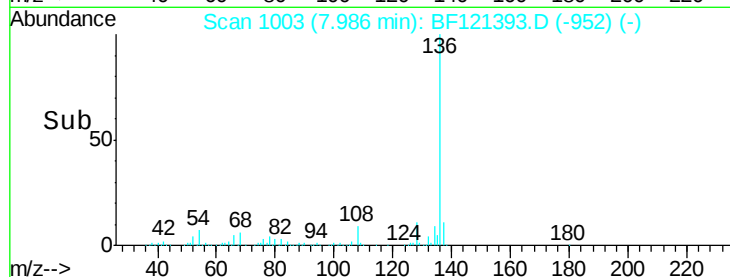


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.013 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:105 Resp: 560030

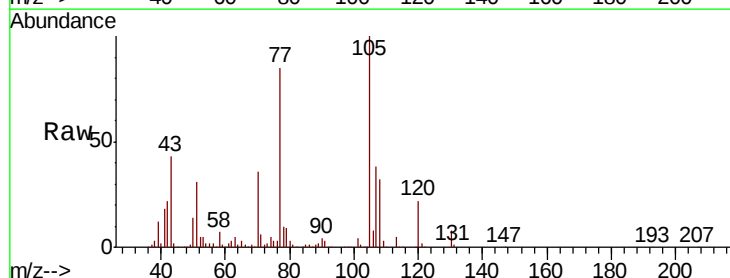
Ion Ratio Lower Upper

105 100

71 6.1 3.5 5.3#

51 30.9 23.9 35.9

120 22.4 17.9 26.9

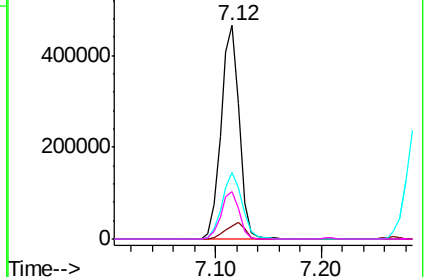
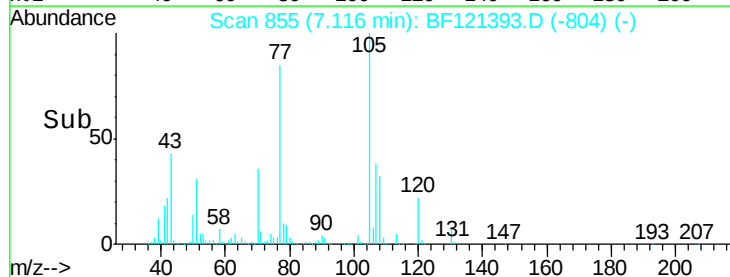


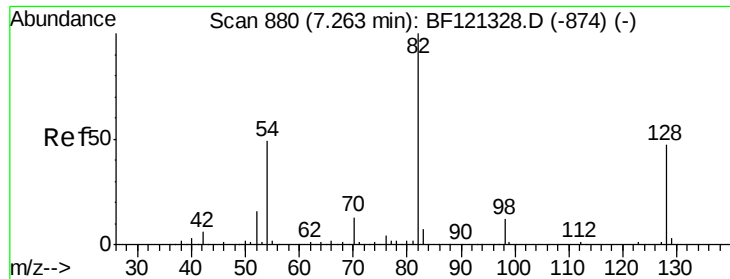
Abundance Ion 105.00 (104.70 to 105.70): E

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

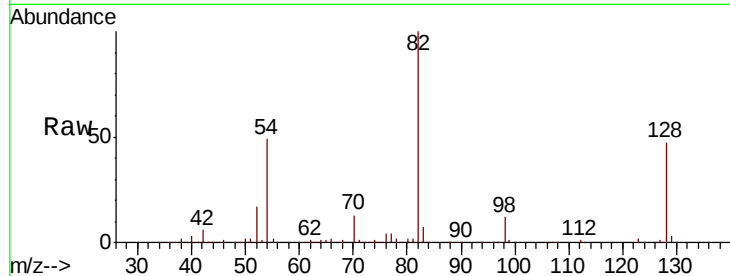




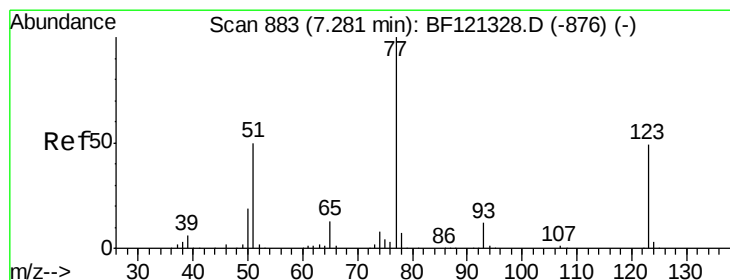
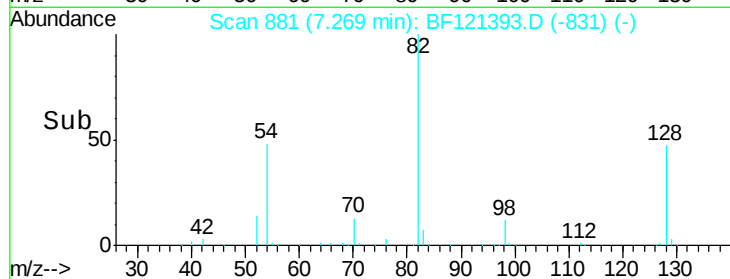
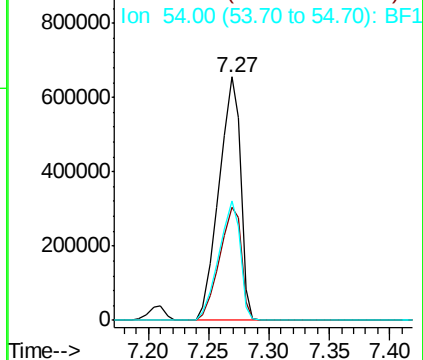
#23
Nitrobenzene-d5
Concen: 68.760 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion: 82 Resp: 808685
Ion Ratio Lower Upper
82 100
128 46.6 38.4 57.6
54 49.3 39.0 58.6

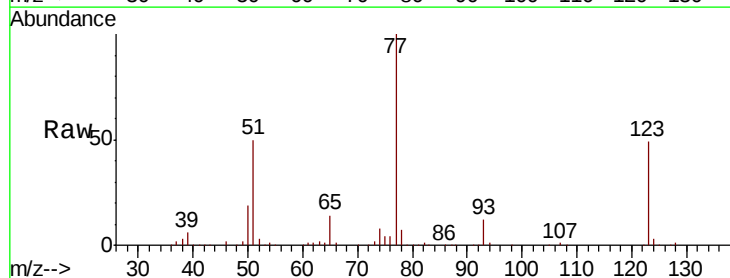


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

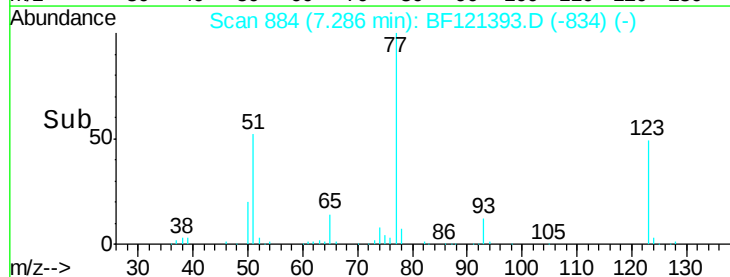
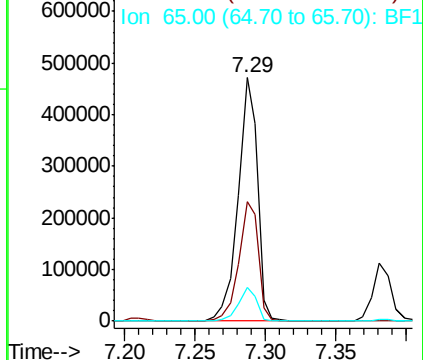


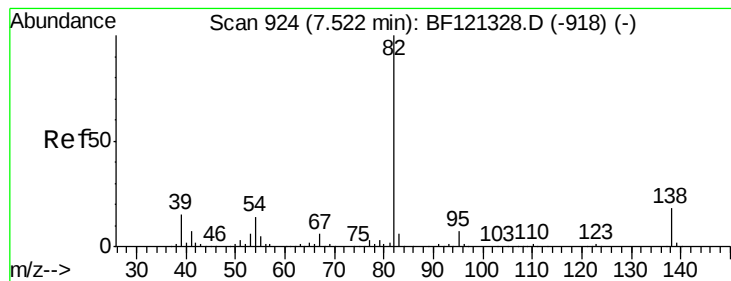
#24
Nitrobenzene
Concen: 37.371 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion: 77 Resp: 447956
Ion Ratio Lower Upper
77 100
123 49.1 42.0 63.0
65 13.6 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.210 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

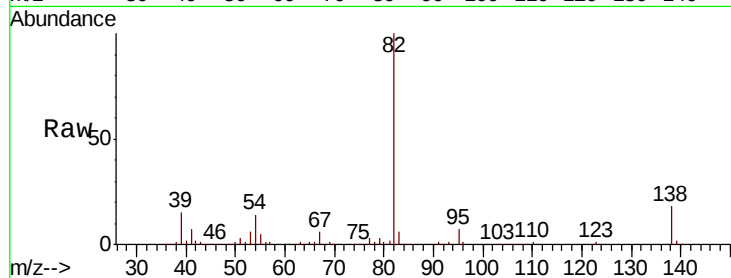
Tot Ion: 82 Resp: 817807

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

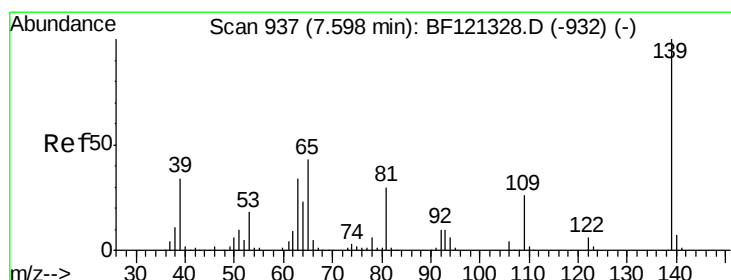
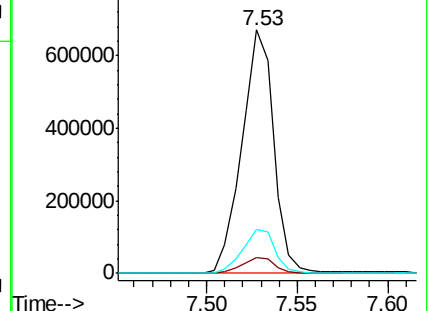
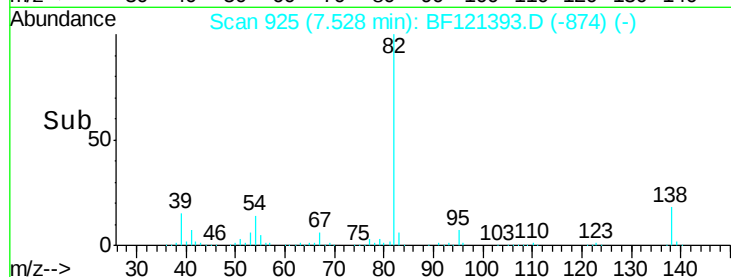
138 18.3 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.679 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

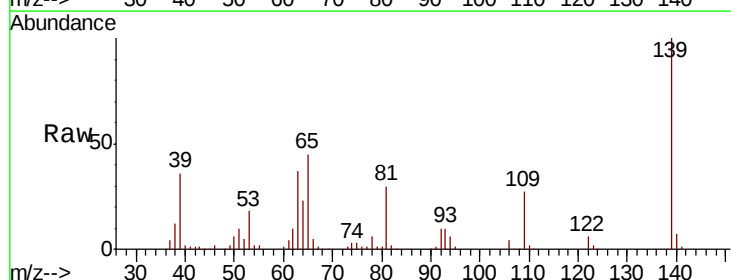
Tgt Ion: 139 Resp: 243929

Ion Ratio Lower Upper

139 100

109 27.0 21.2 31.8

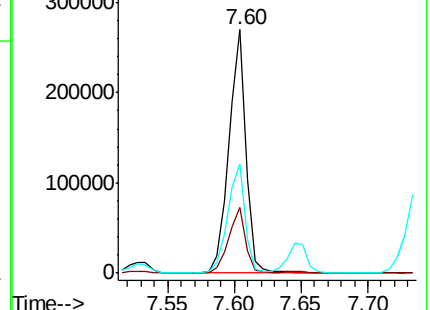
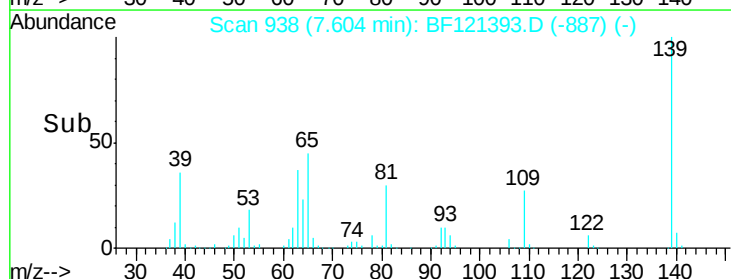
65 44.8 37.0 55.6

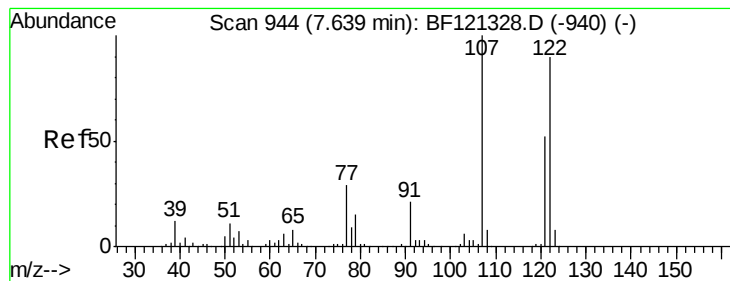


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.375 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

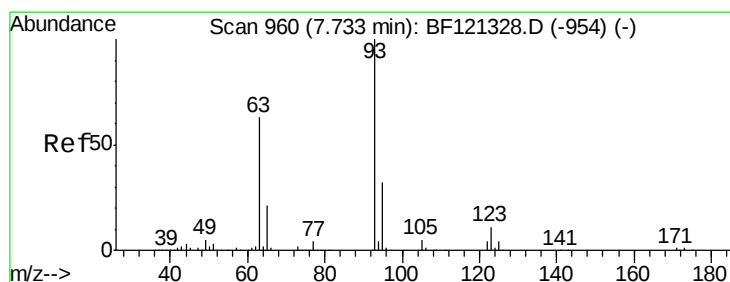
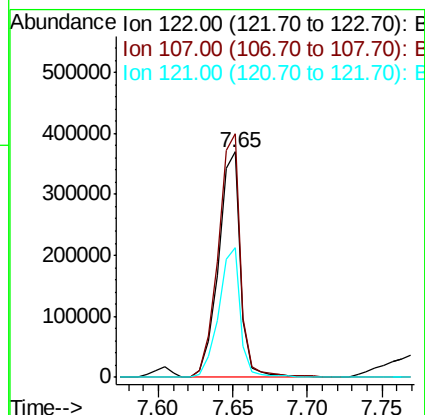
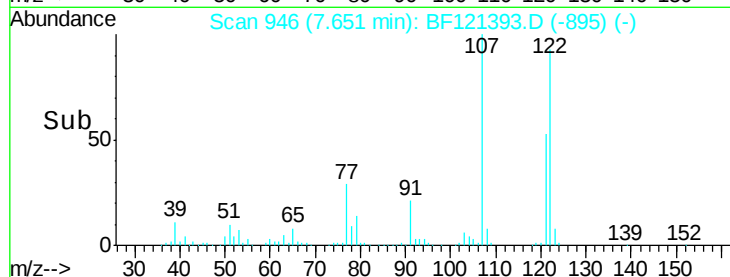
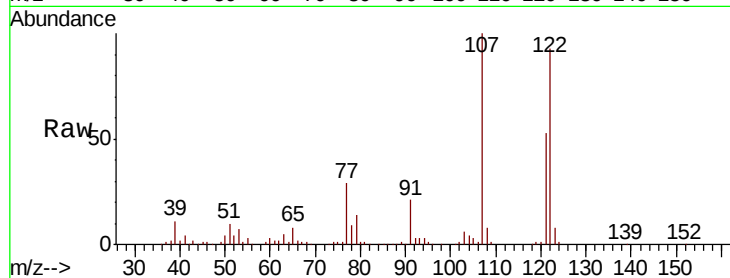
Tot Ion:122 Resp: 380487

Ion Ratio Lower Upper

122 100

107 107.9 85.1 127.7

121 57.5 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 35.920 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

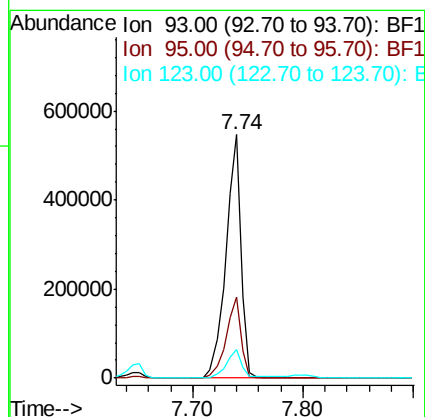
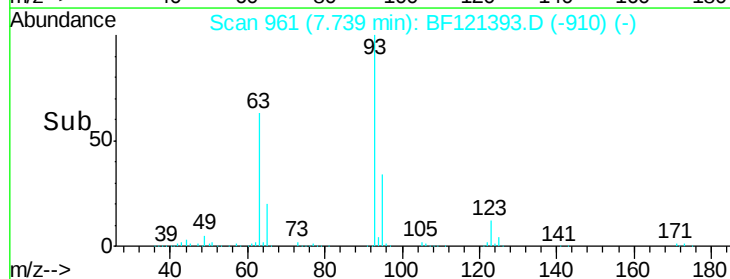
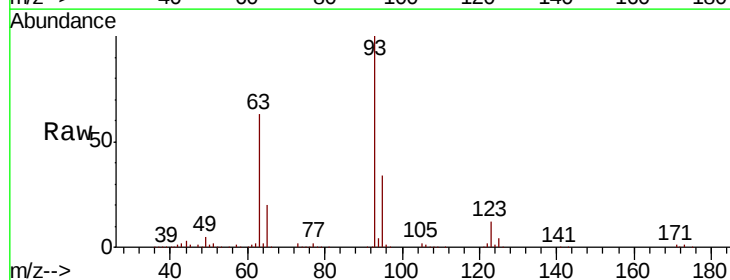
Tgt Ion: 93 Resp: 523349

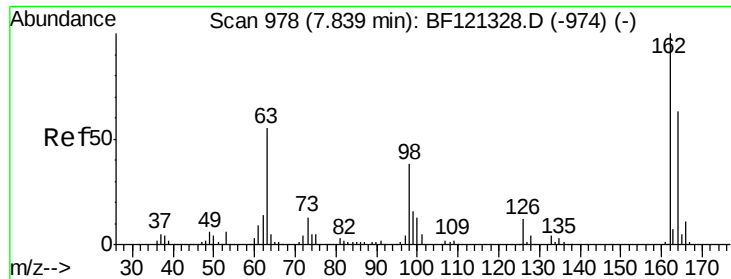
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 11.9 9.4 14.0

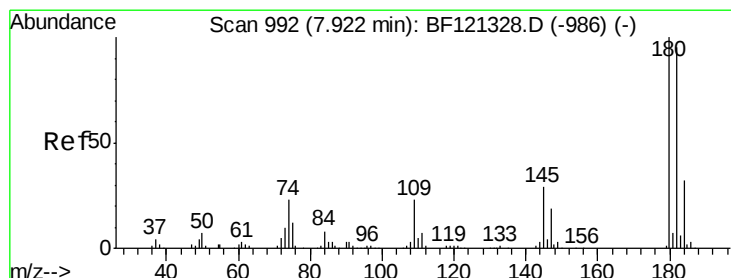
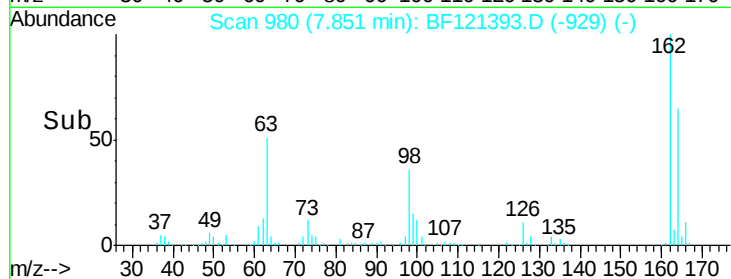
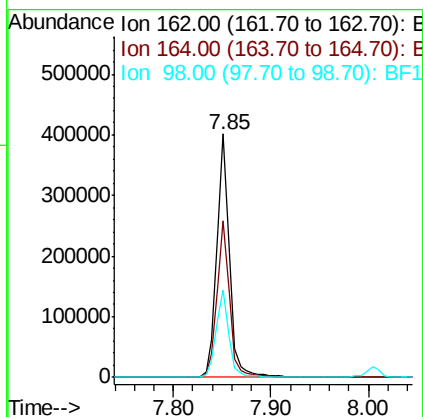
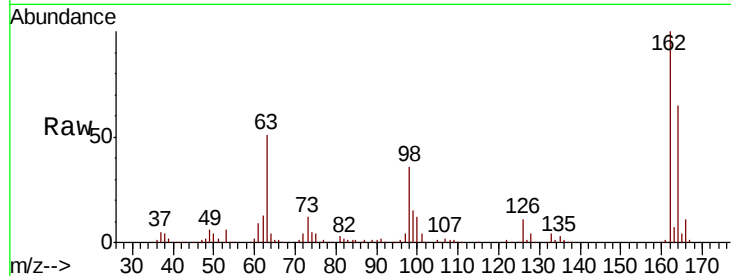




#29
 2,4-Dichlorophenol
 Concen: 37.950 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

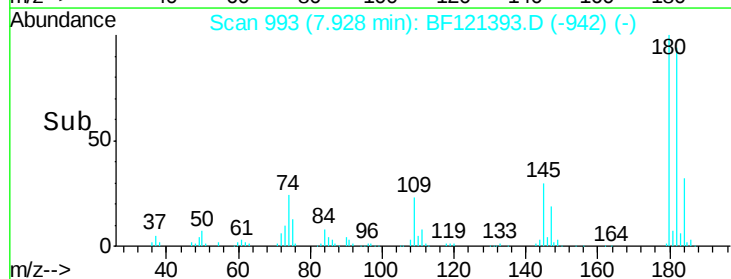
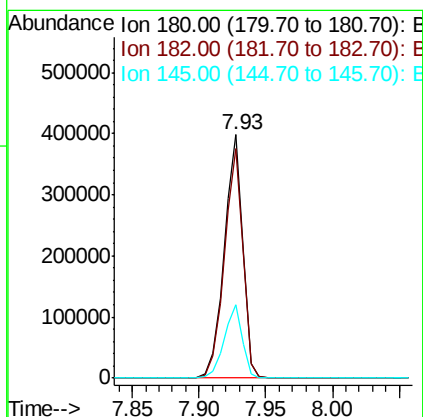
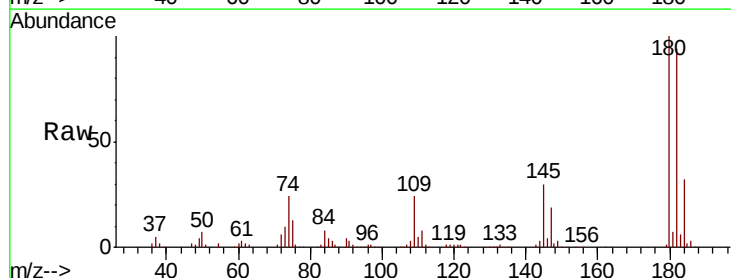
Instrument :
 BNA_F
 ClientSampleID :
 PB131098BS

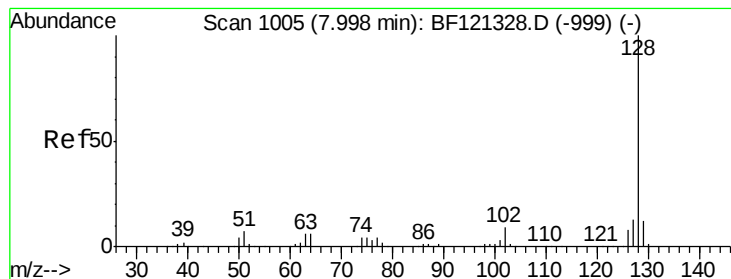
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	35.8	16.1	56.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.553 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.6
145	30.0	24.1	36.1





#31

Naphthalene

Concen: 36.156 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

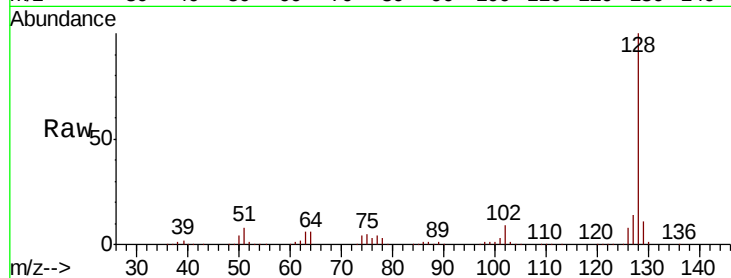
Tot Ion:128 Resp: 1196899

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

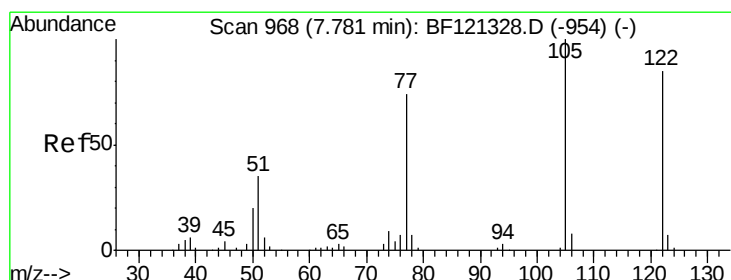
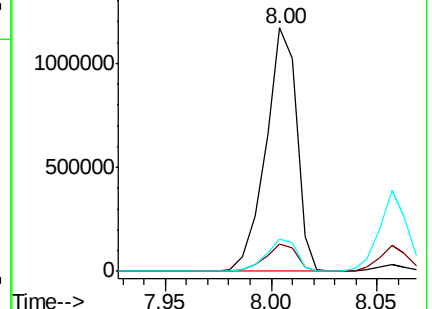
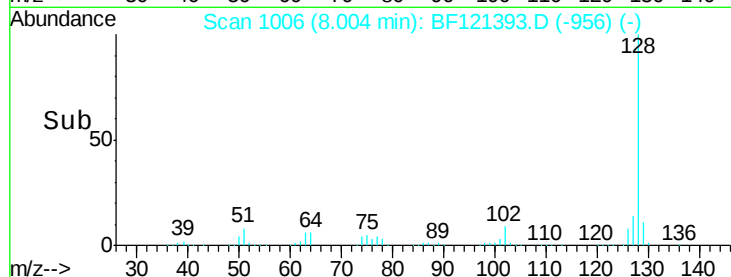
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.367 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

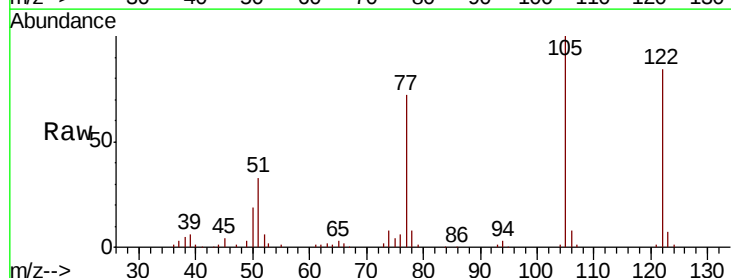
Tgt Ion:122 Resp: 195438

Ion Ratio Lower Upper

122 100

105 119.5 98.8 138.8

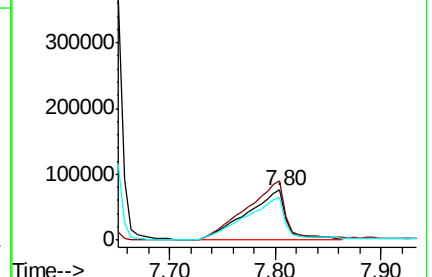
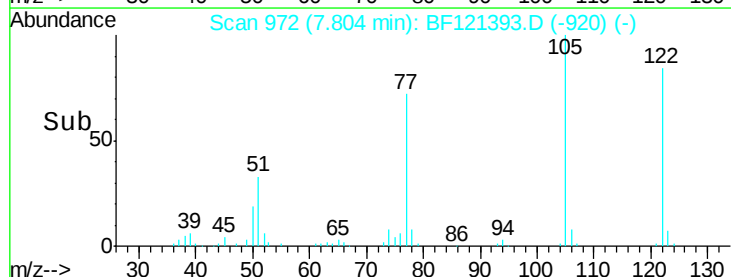
77 86.5 66.3 106.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

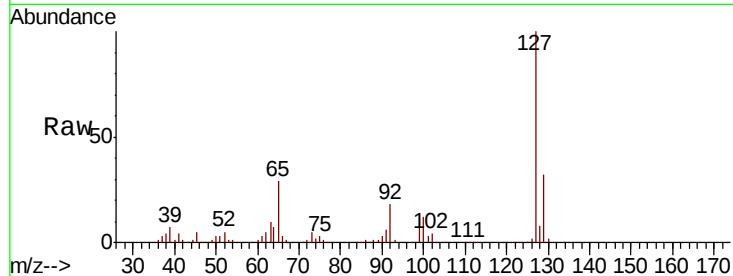




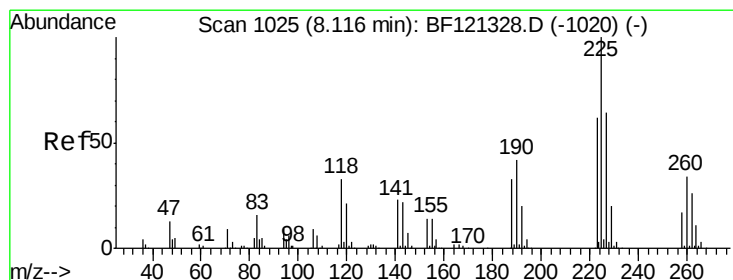
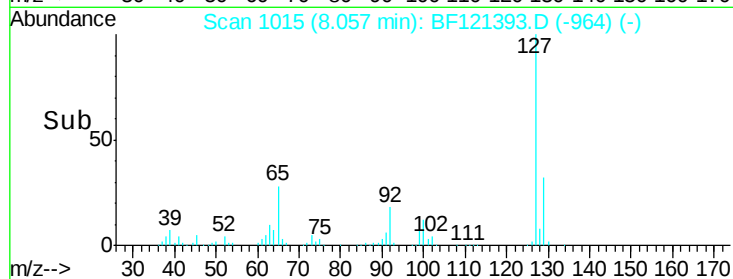
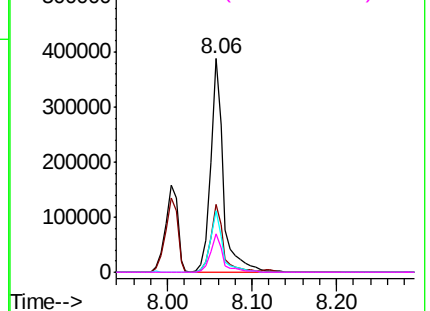
#33
4-Chloroaniline
Concen: 27.797 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion:	127	Resp:	407474
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	28.9	23.7	35.5
92	18.2	14.6	22.0

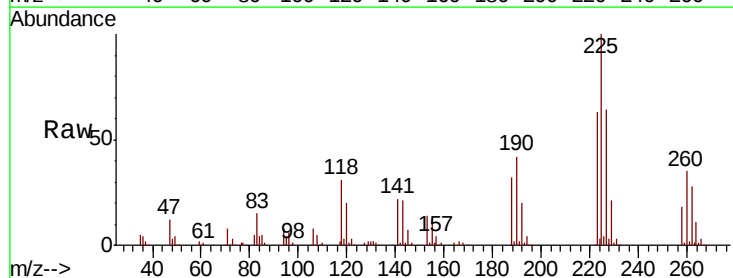


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

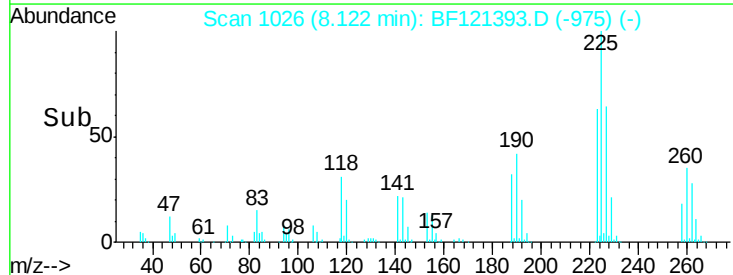
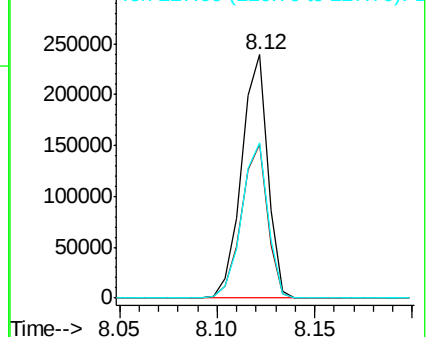


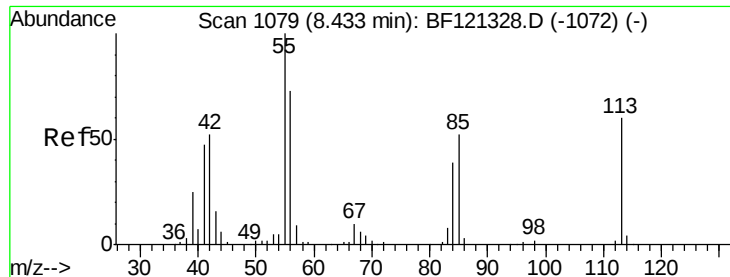
#34
Hexachlorobutadiene
Concen: 34.424 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:	225	Resp:	223119
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.2	76.8
227	63.7	51.8	77.8



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





#35

Caprolactam

Concen: 23.127 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

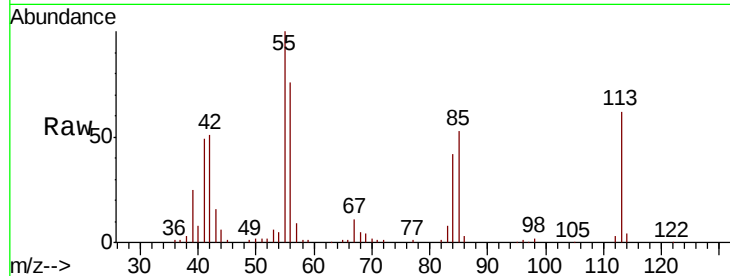
Tot Ion:113 Resp: 72543

Ion Ratio Lower Upper

113 100

55 161.7 147.4 187.4

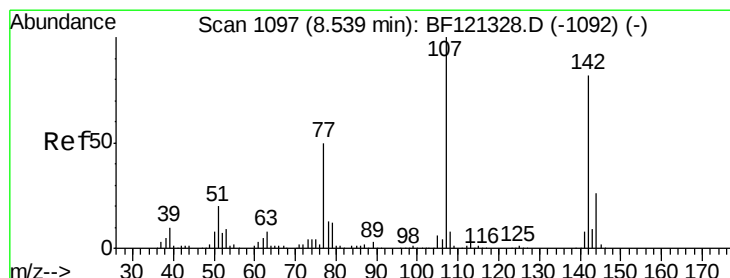
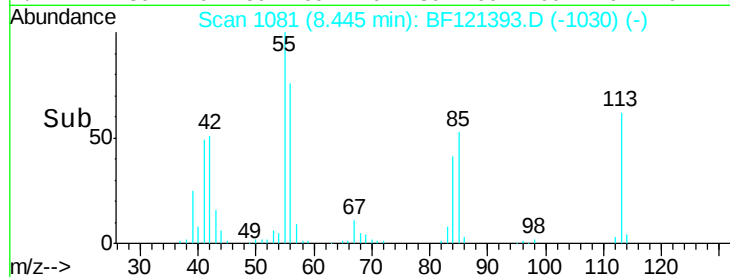
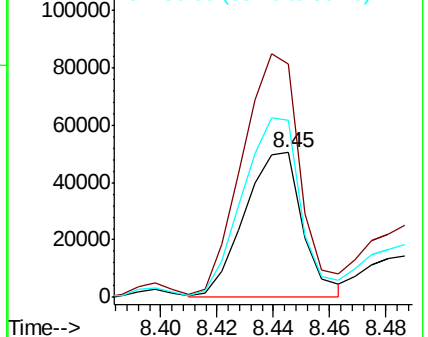
56 122.2 102.7 142.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.411 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

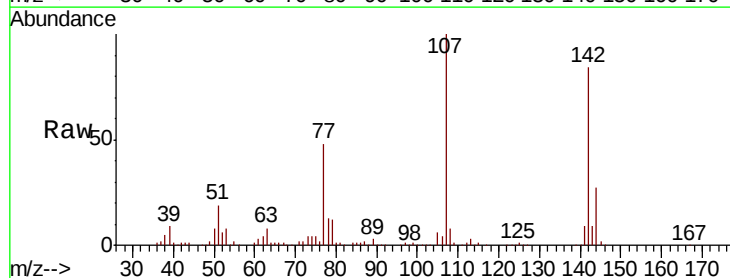
Tgt Ion:107 Resp: 381750

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

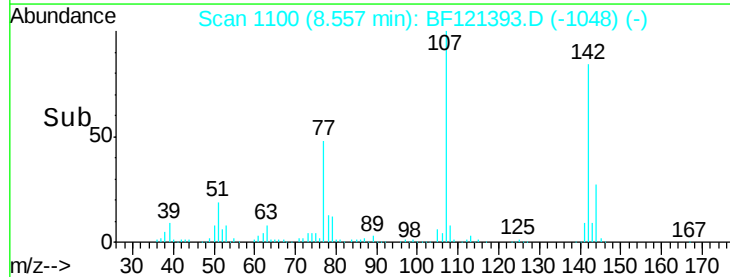
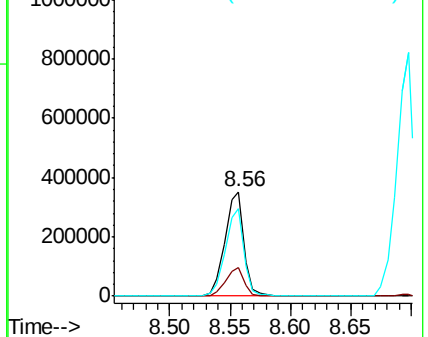
142 84.0 65.4 98.2

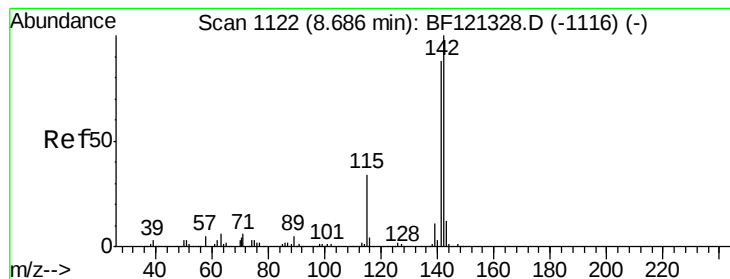


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.640 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

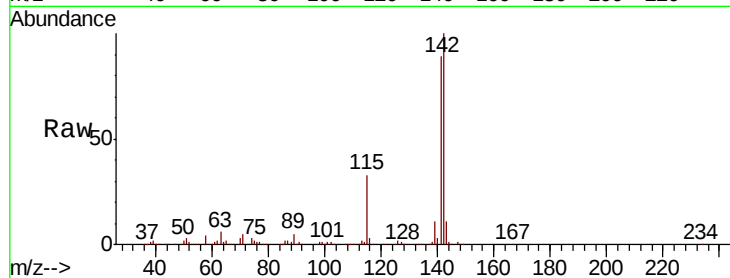
Tot Ion:142 Resp: 807630

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8

115 32.8 26.9 40.3



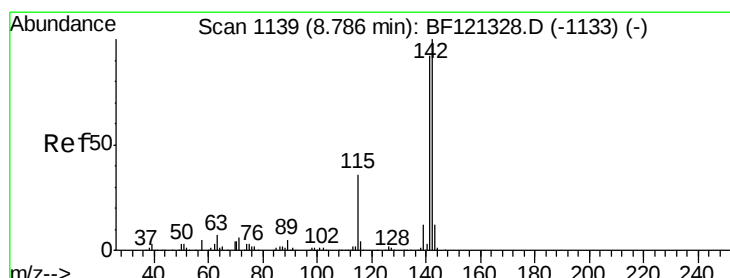
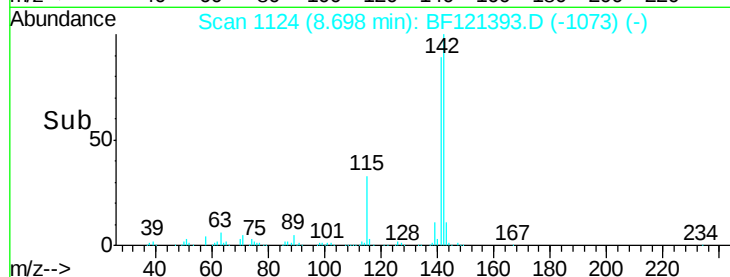
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.70

Time-->



#38

1-Methylnaphthalene

Concen: 37.045 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

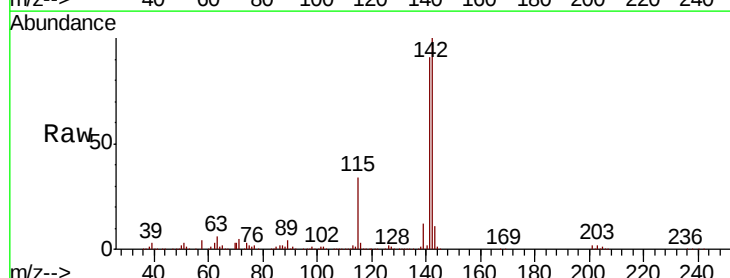
Tgt Ion:142 Resp: 755787

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

116 3.3 3.0 4.6



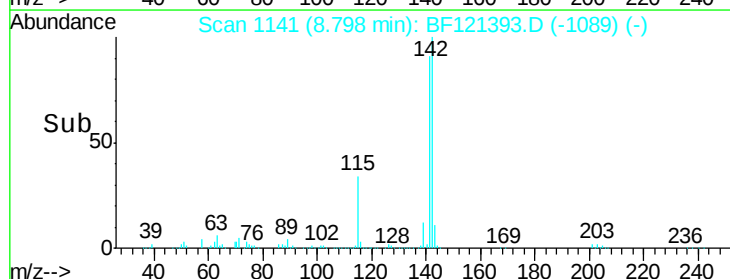
Abundance Ion 142.00 (141.70 to 142.70): E

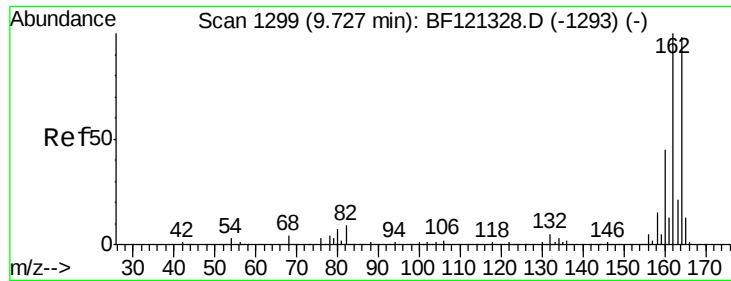
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.80

Time-->

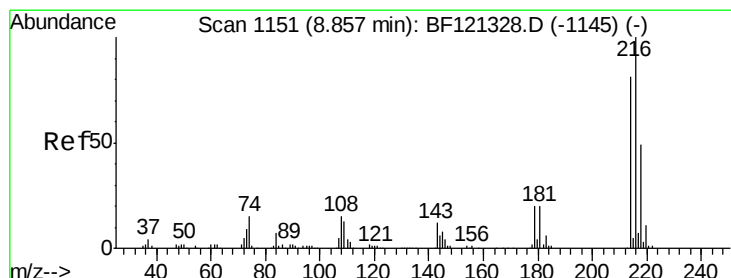
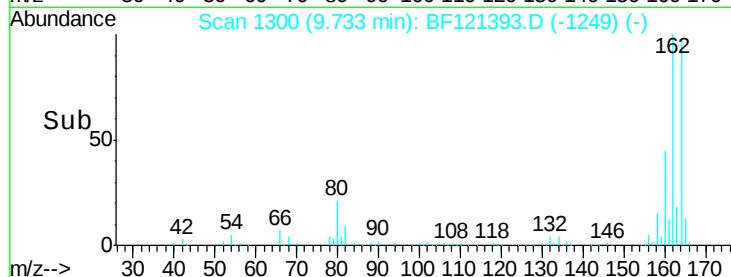
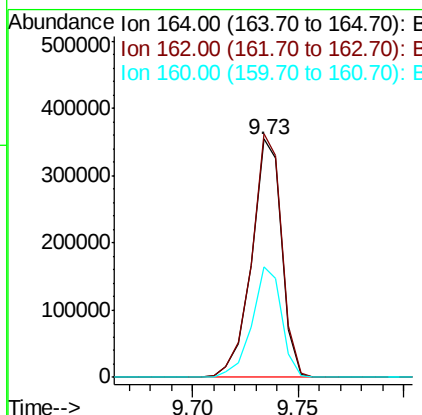
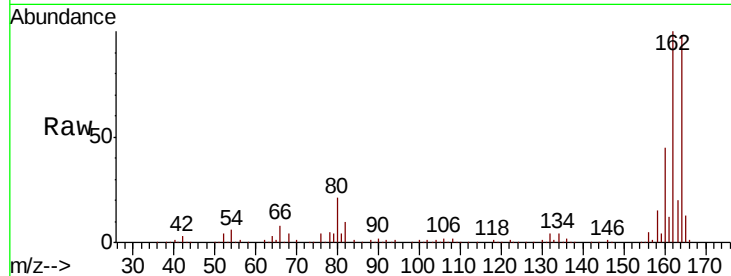




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

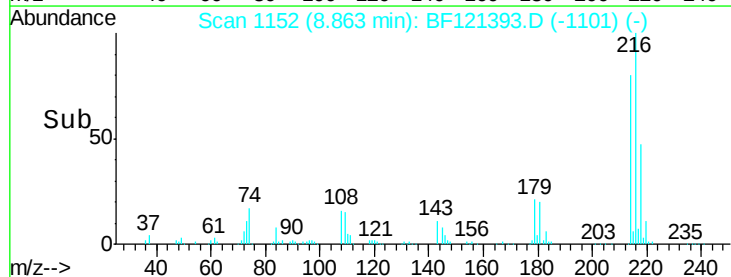
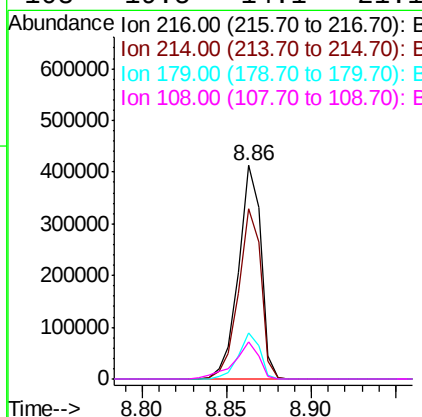
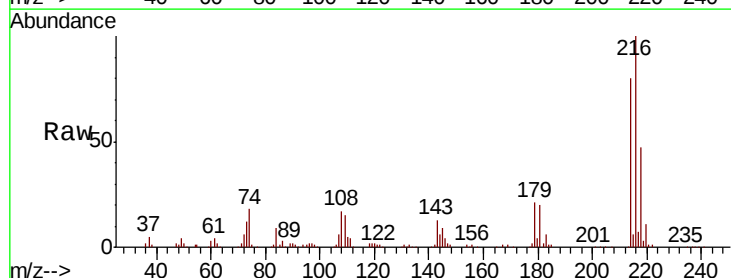
Instrument :
BNA_F
ClientSampleId :
PB131098BS

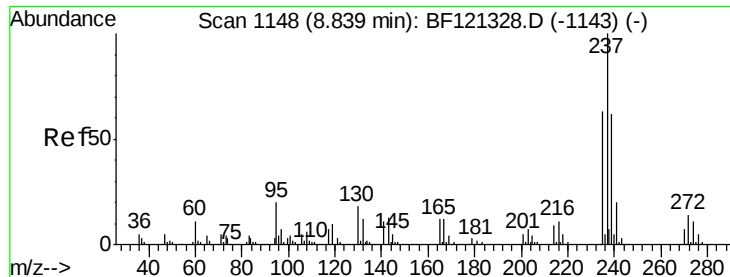
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.9	122.9
160	46.3	37.1	55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.027 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	20.5	16.6	24.8
108	19.5	14.1	21.1





#41

Hexachlorocyclopentadiene

Concen: 79.565 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

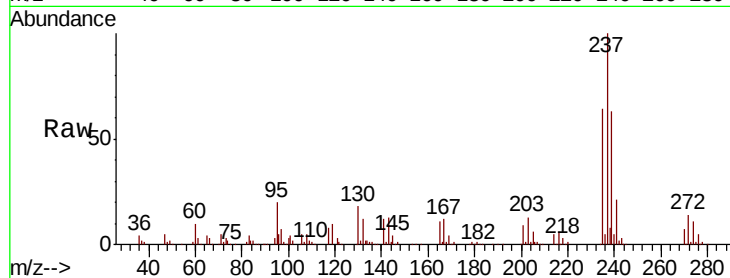
Tot Ion:237 Resp: 326382

Ion Ratio Lower Upper

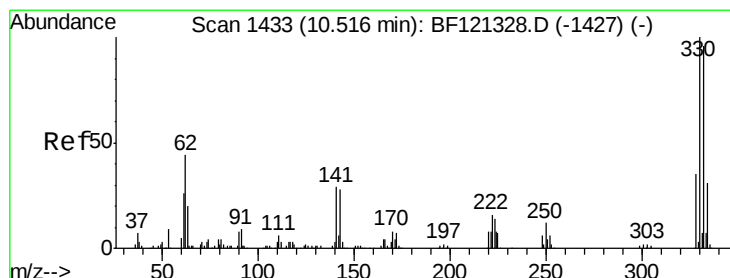
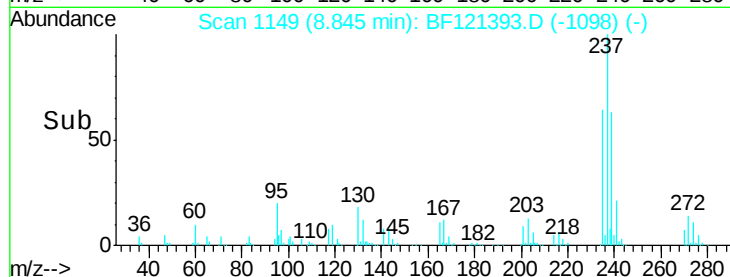
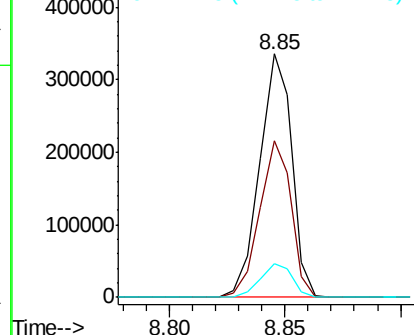
237 100

235 64.1 42.8 82.8

272 13.8 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: 91.588 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

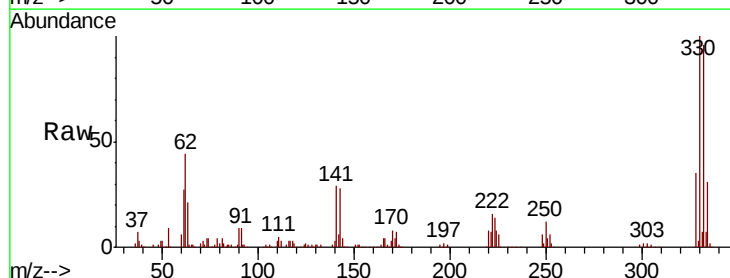
Tgt Ion:330 Resp: 372628

Ion Ratio Lower Upper

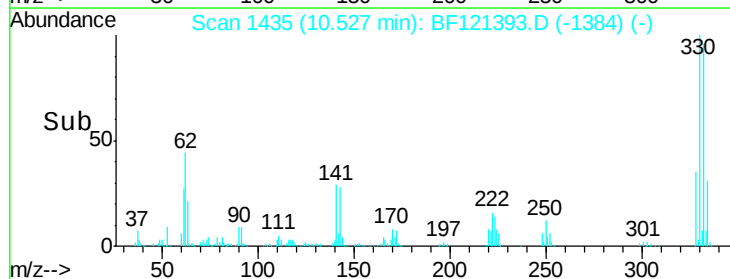
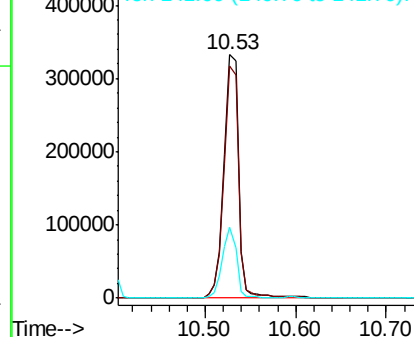
330 100

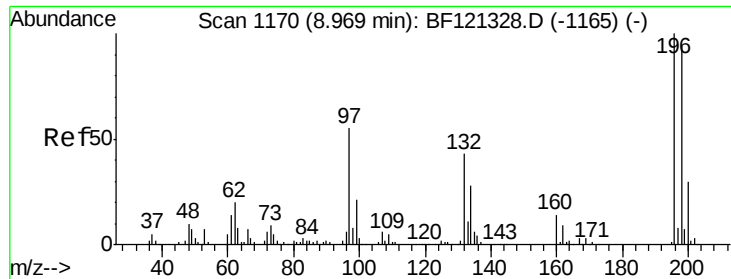
332 95.8 77.0 115.6

141 28.3 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

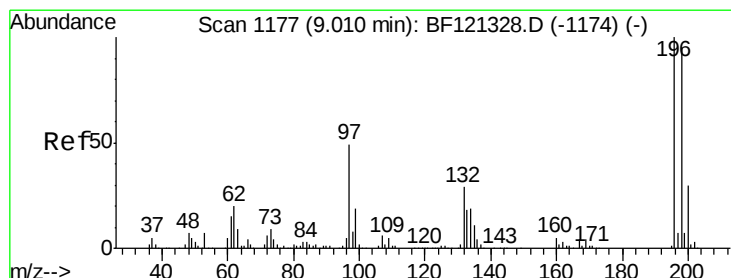
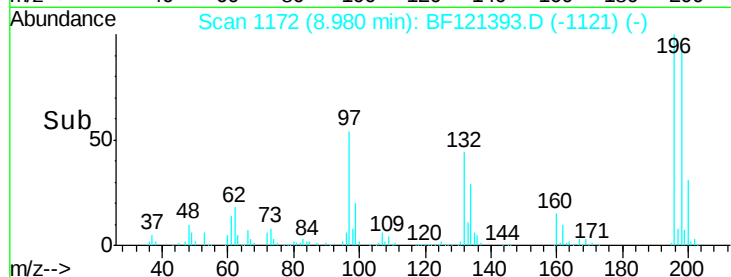
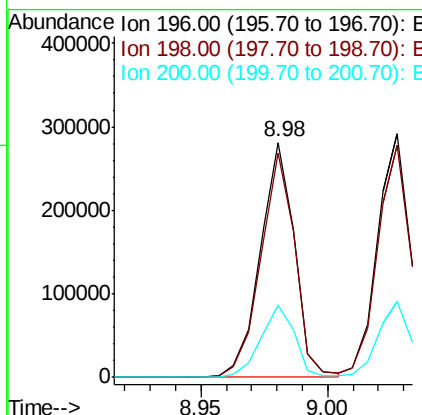
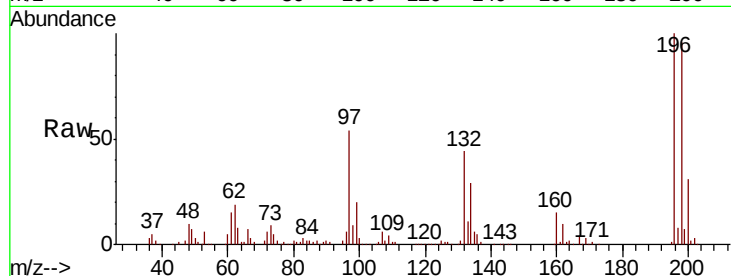




#43
 2,4,6-Trichlorophenol
 Concen: 37.508 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

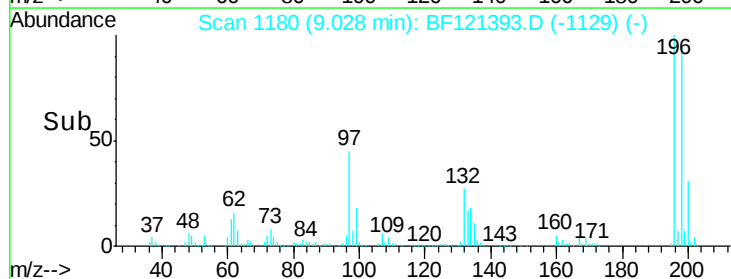
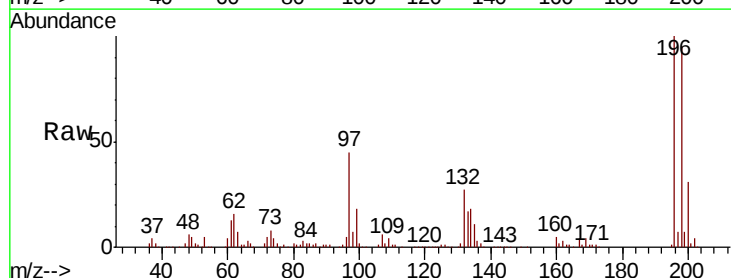
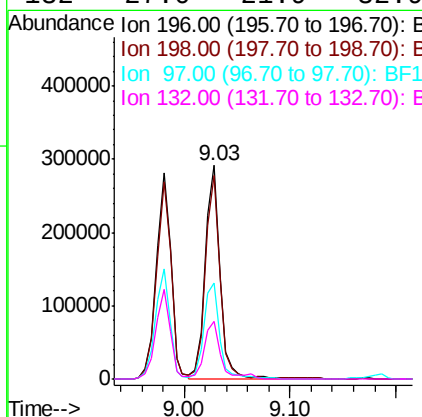
Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

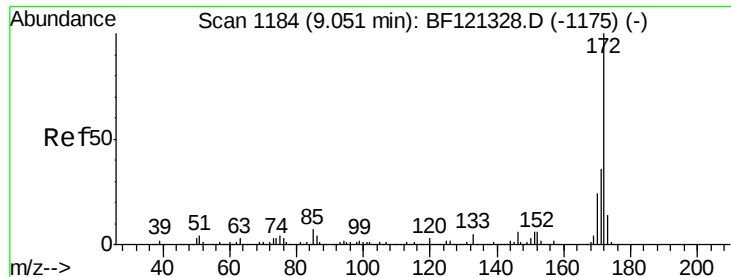
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	114.8
200	30.8	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.678 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.5	114.7
97	44.9	37.3	55.9
132	27.0	21.9	32.9

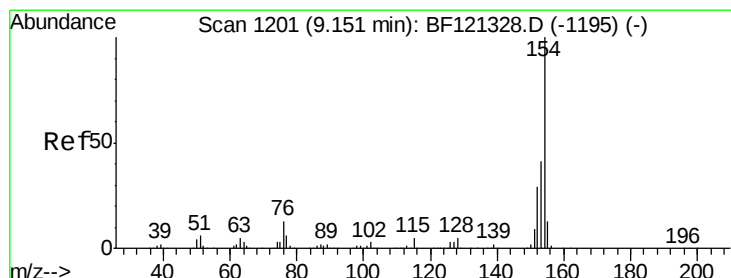
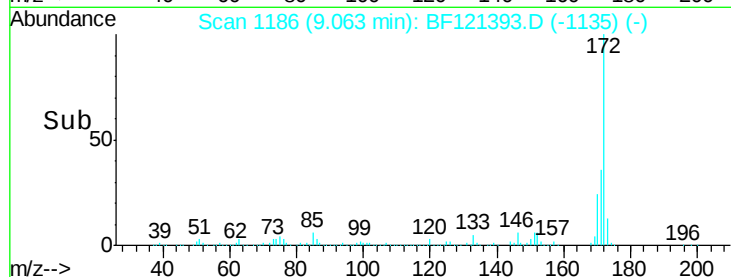
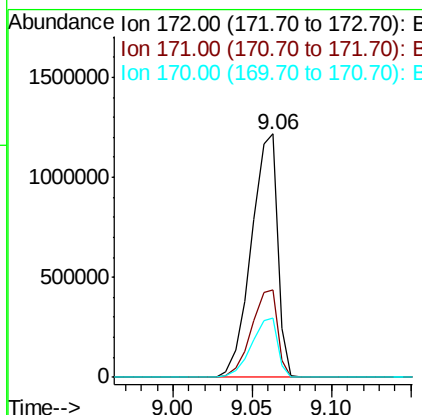
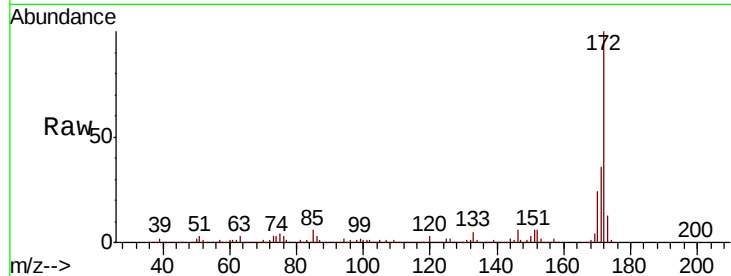




#45
2-Fluorobiphenyl
Concen: 75.725 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

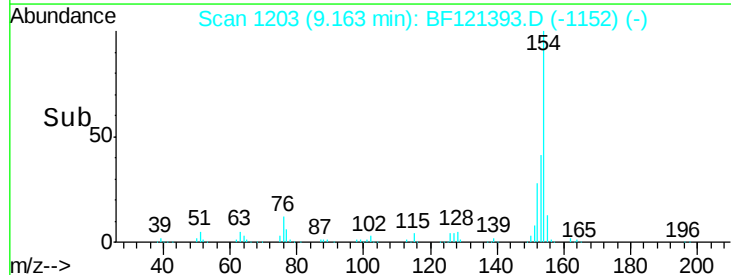
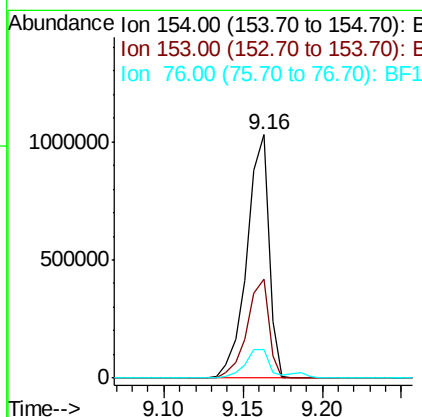
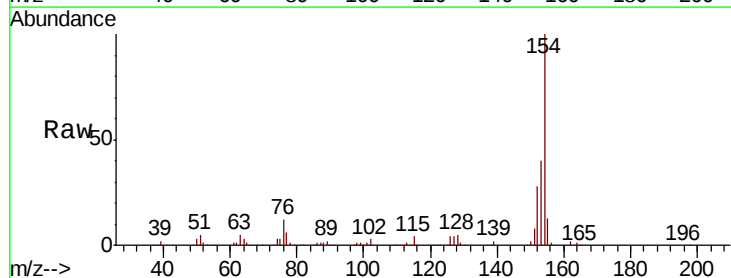
Instrument :
BNA_F
ClientSampleId :
PB131098BS

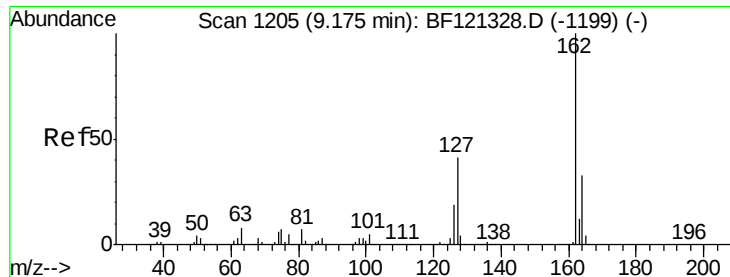
Tot Ion:172 Resp: 1402864
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 37.832 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:154 Resp: 989992
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.7 0.0 31.9

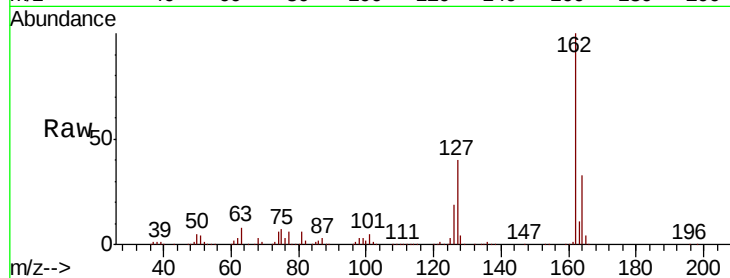




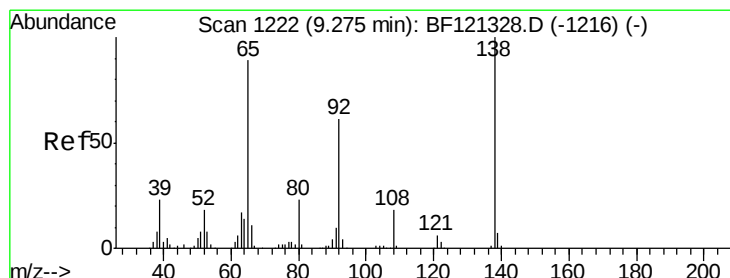
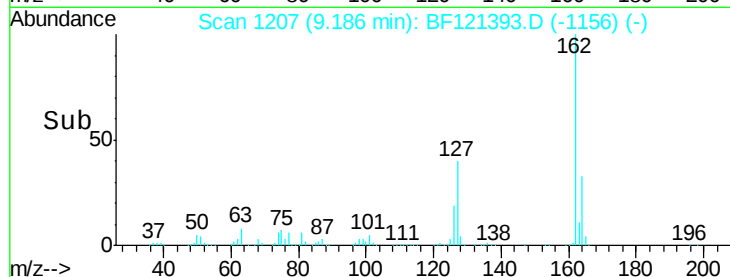
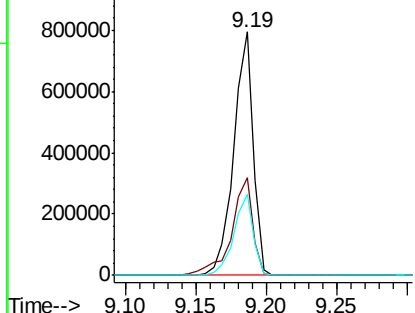
#47
2-Chloronaphthalene
Concen: 35.175 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.4	48.6
164	33.1	26.4	39.6

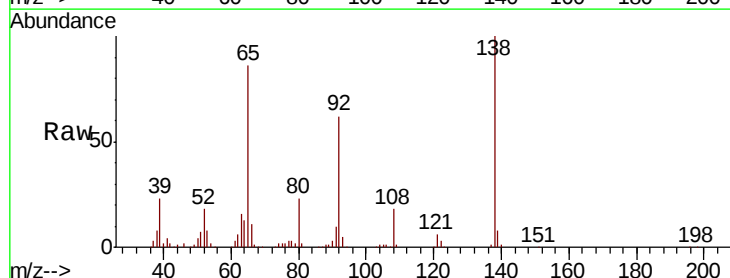


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

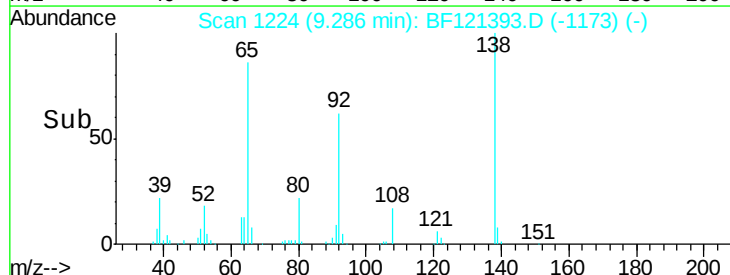
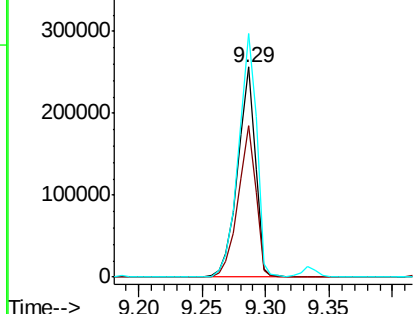


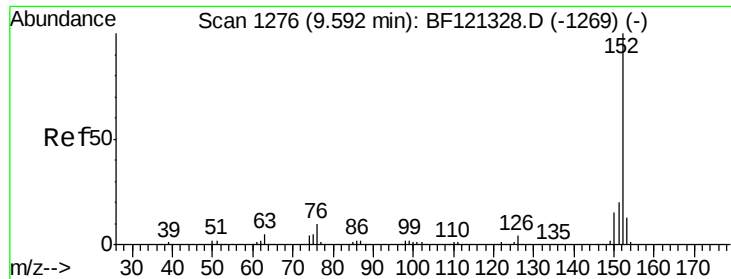
#48
2-Nitroaniline
Concen: 36.375 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.0	87.0
138	115.8	94.1	141.1



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





#49

Acenaphthylene

Concen: 38.044 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

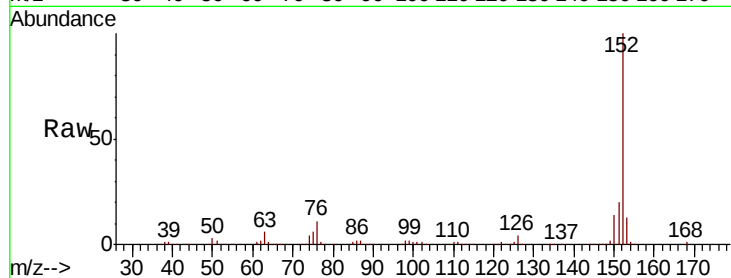
BNA_F

ClientSampleId :

PB131098BS

Tot Ion:152 Resp: 1218237

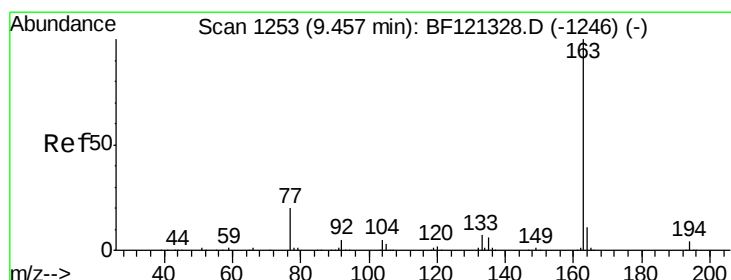
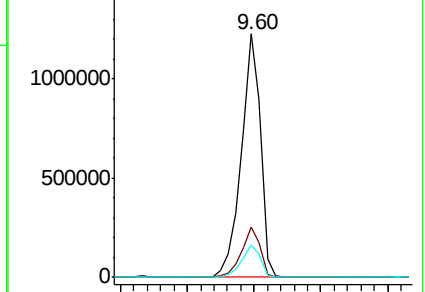
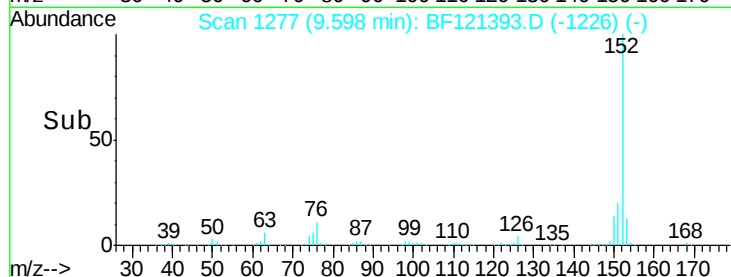
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.4	10.8	16.2



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: 37.355 ng

RT: 9.46 min Scan# 1254

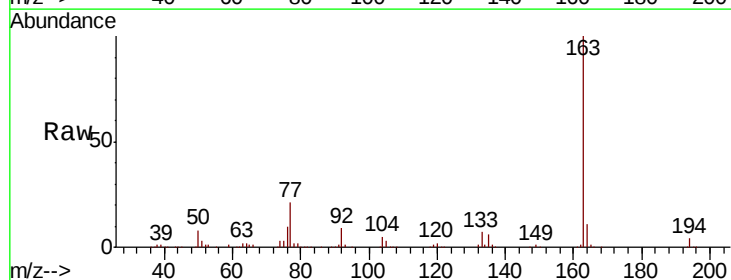
Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:163 Resp: 948838

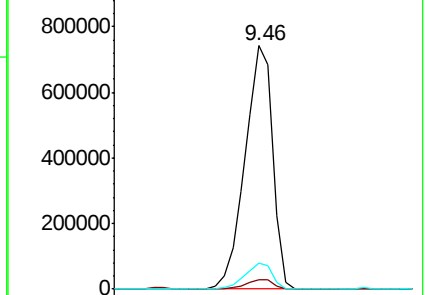
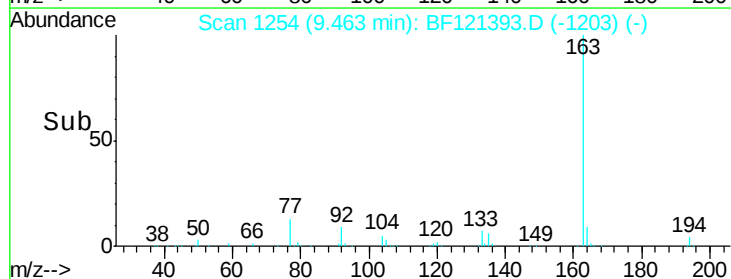
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.5	8.5	12.7

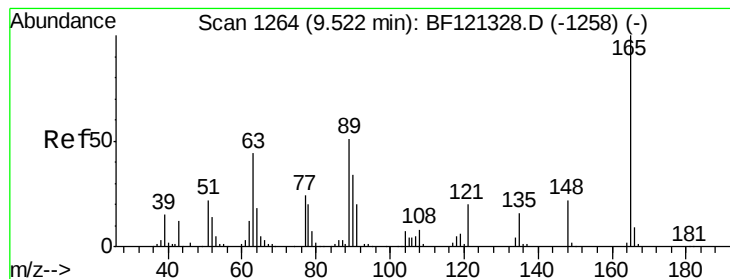


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.056 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

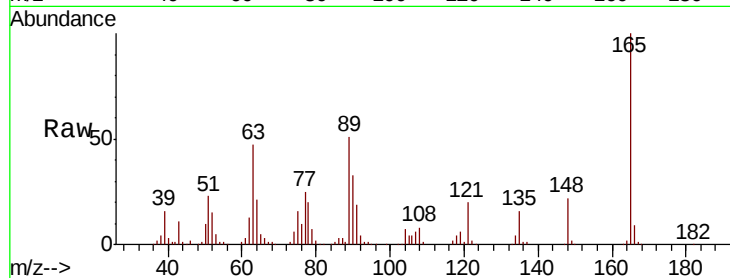
Tot Ion:165 Resp: 211869

Ion Ratio Lower Upper

165 100

63 46.8 36.1 54.1

89 50.5 39.4 59.2

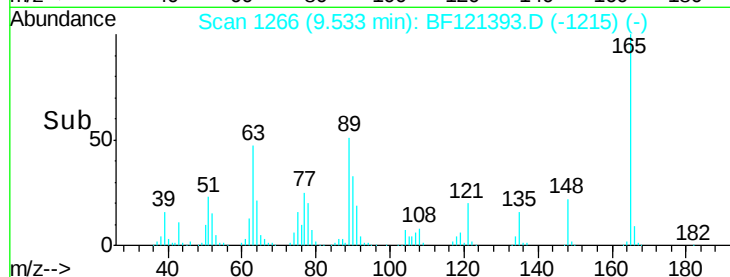


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



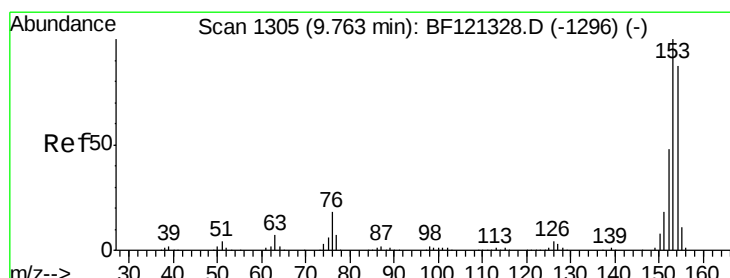
Abundance

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

Time-->



#52

Acenaphthene

Concen: 36.203 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

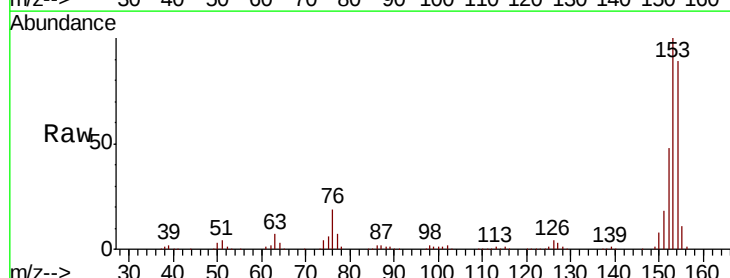
Tgt Ion:154 Resp: 704387

Ion Ratio Lower Upper

154 100

153 112.9 89.1 133.7

152 54.6 43.2 64.8

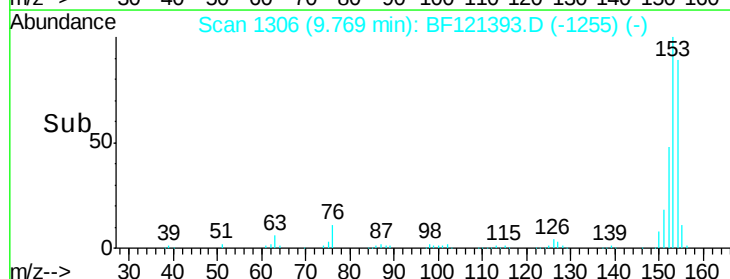


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



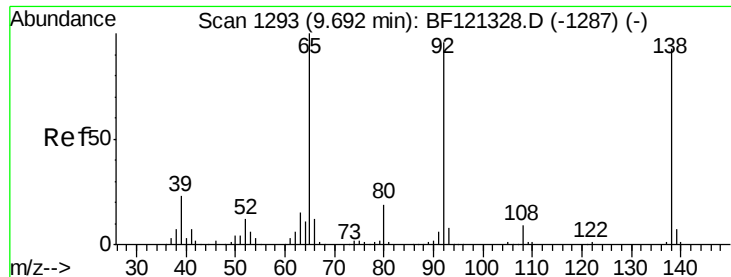
Abundance

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

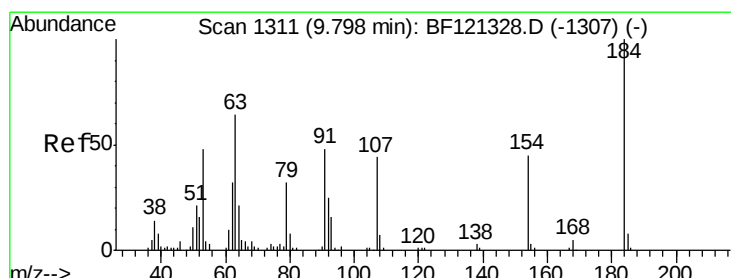
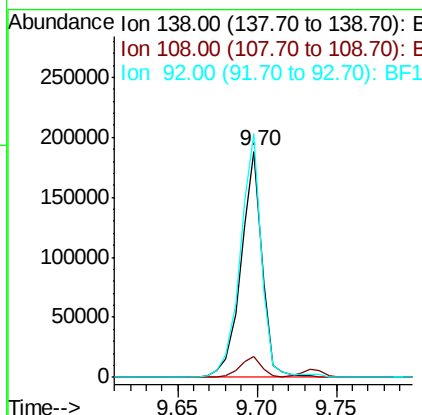
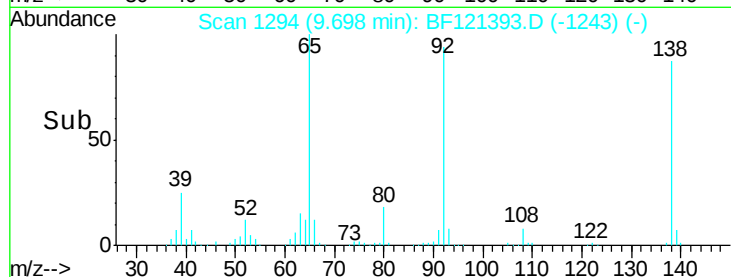
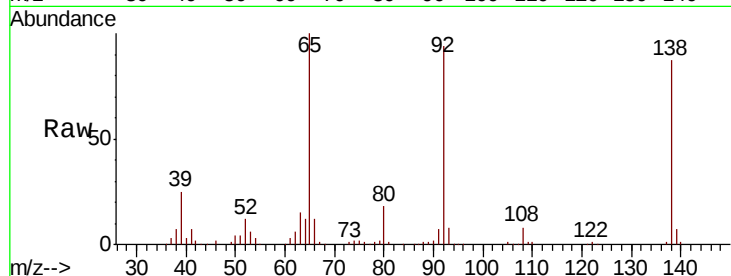
Time-->



#53
 3-Nitroaniline
 Concen: 25.390 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

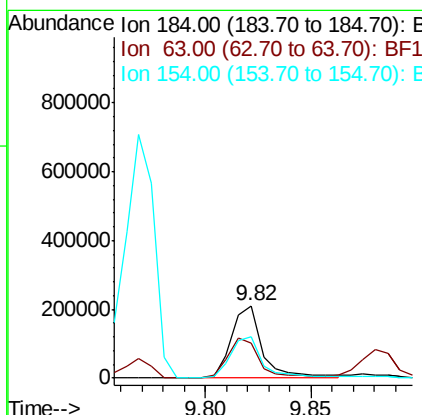
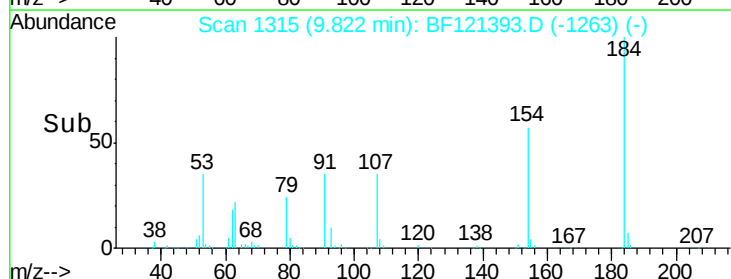
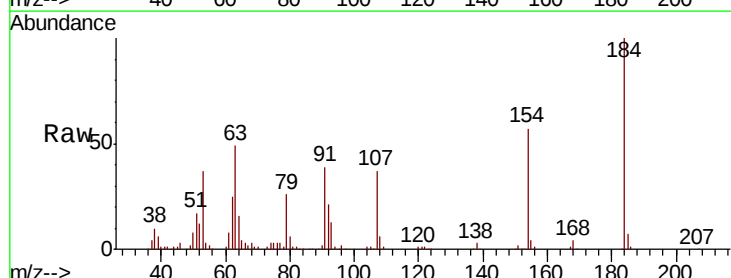
Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

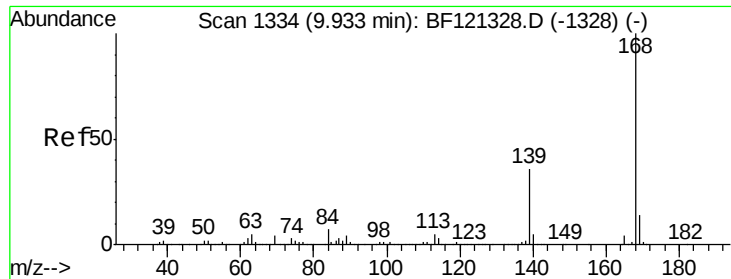
Tot Ion:138 Resp: 172301
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 107.6 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 82.674 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion:184 Resp: 216212
 Ion Ratio Lower Upper
 184 100
 63 48.8 48.2 72.2
 154 56.9 47.7 71.5

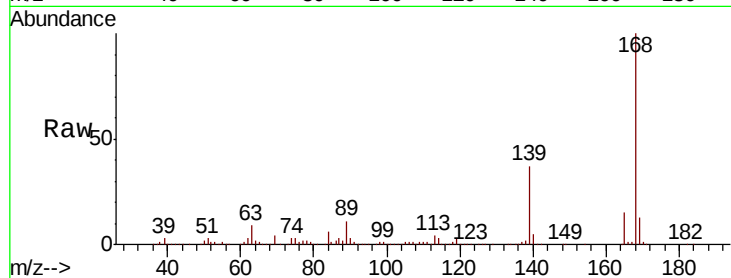




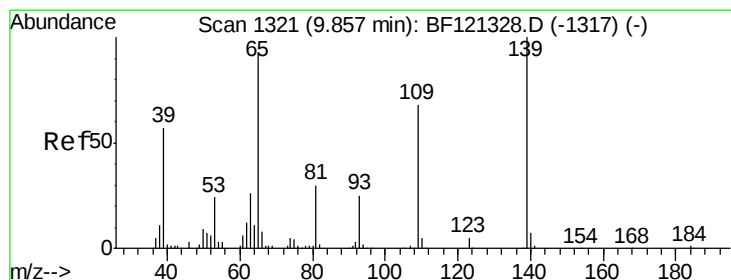
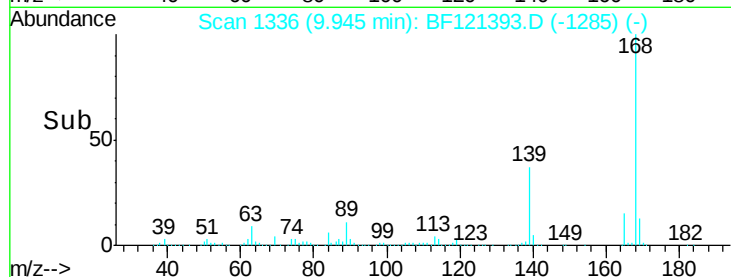
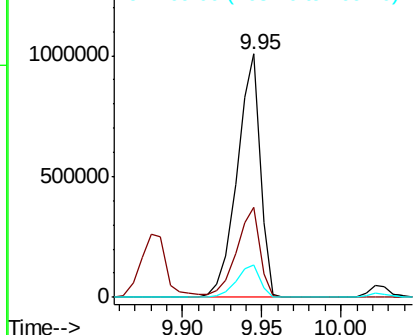
#55
Dibenzofuran
Concen: 40.250 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion:168 Resp: 1013723
Ion Ratio Lower Upper
168 100
139 36.9 28.2 42.4
169 13.3 10.6 16.0

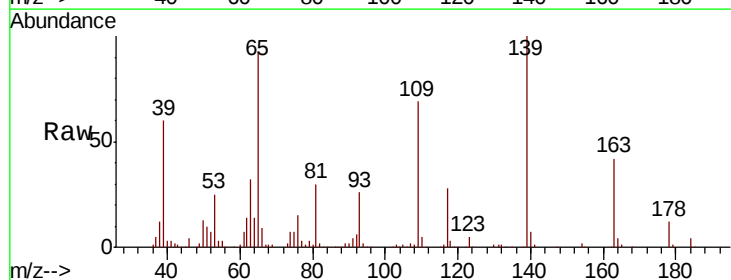


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

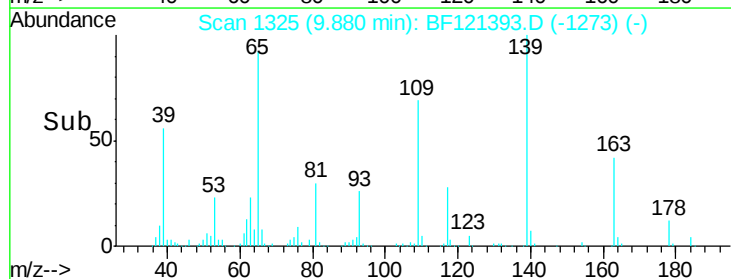
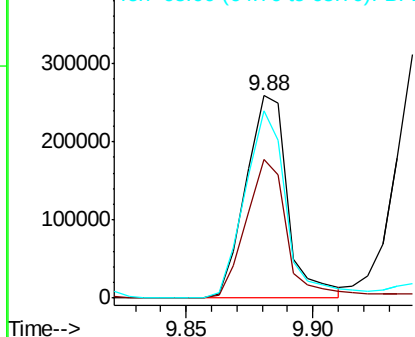


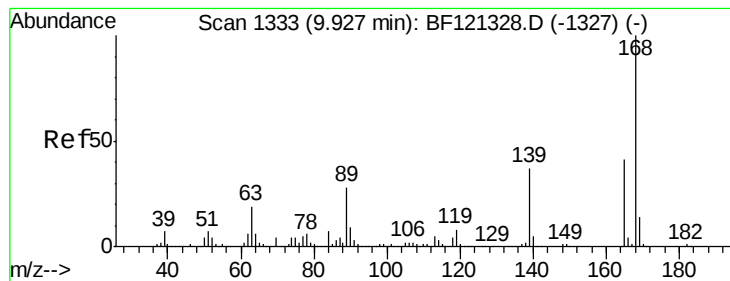
#56
4-Nitrophenol
Concen: 71.292 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:139 Resp: 298368
Ion Ratio Lower Upper
139 100
109 68.7 46.1 86.1
65 92.9 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

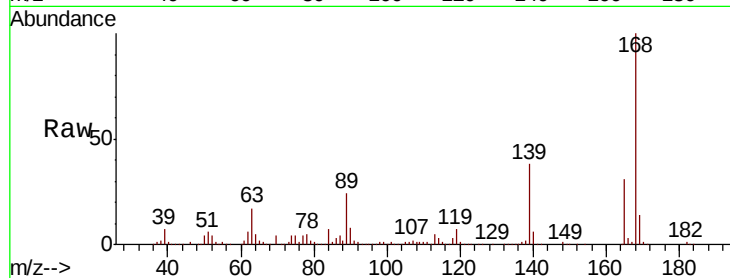




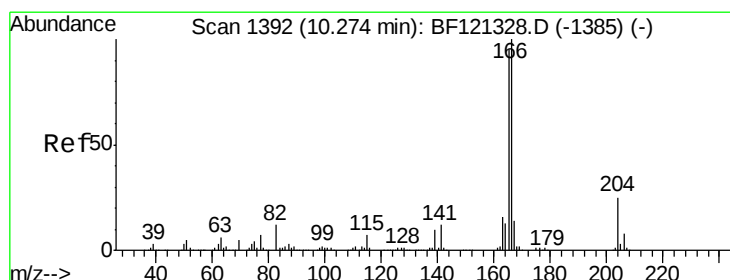
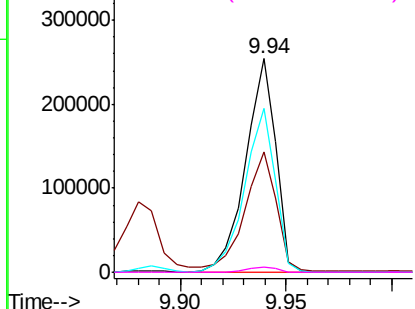
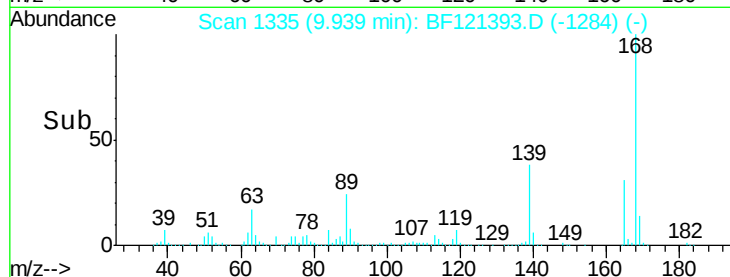
#57
 2,4-Dinitrotoluene
 Concen: 38.135 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion:	165	Resp:	252370
Ion	Ratio	Lower	Upper
165	100		
63	56.5	45.0	67.6
89	76.9	60.2	90.2
182	2.5	2.1	3.1

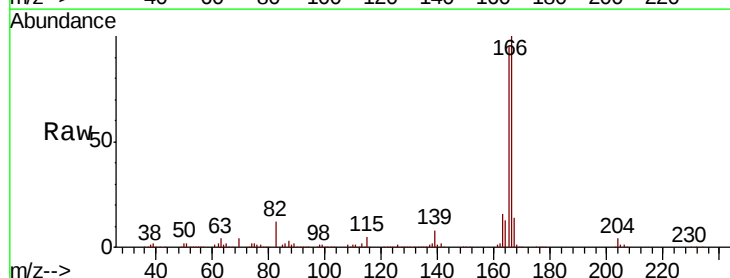


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

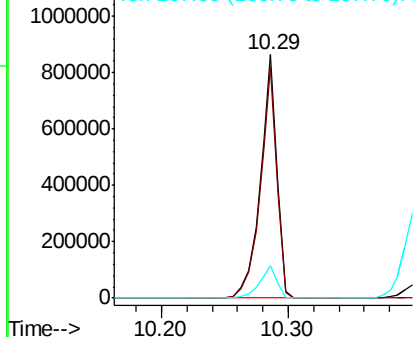
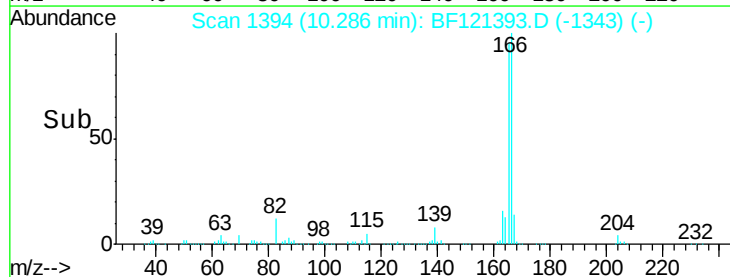


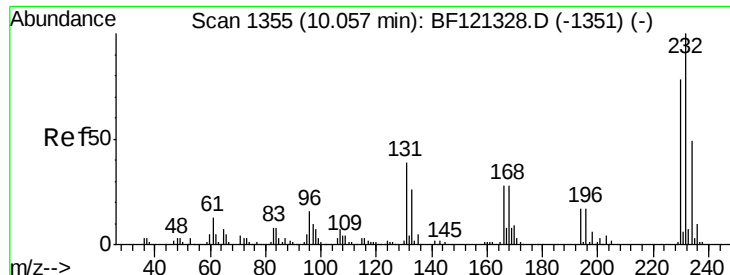
#58
 Fluorene
 Concen: 43.094 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion:	166	Resp:	791950
Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.0	112.6
167	13.6	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

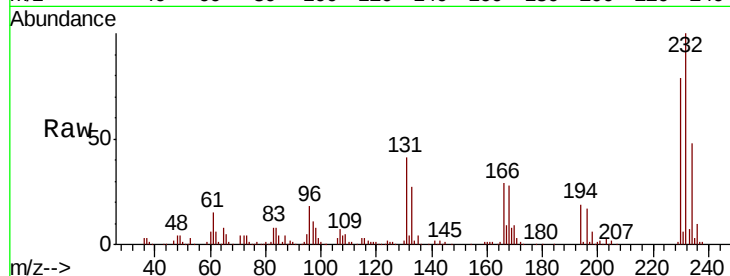




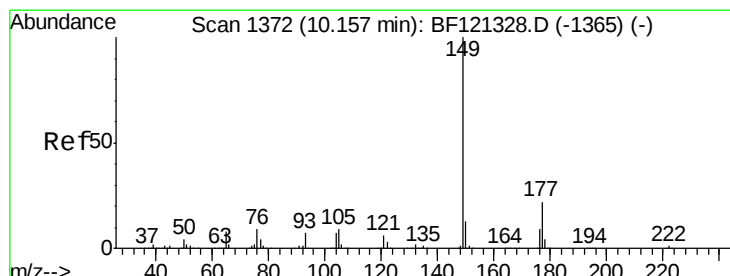
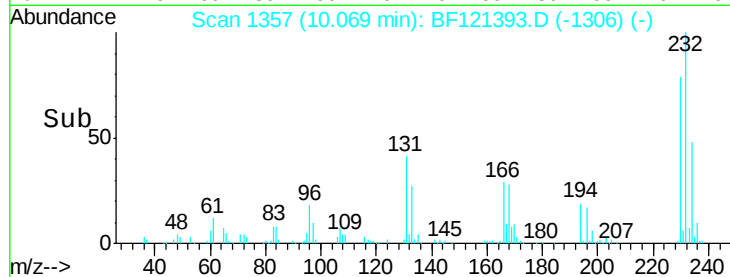
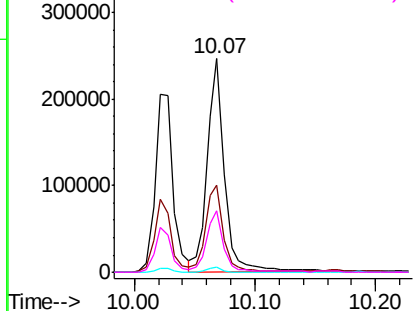
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.504 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion:	232	Resp:	239900
Ion	Ratio	Lower	Upper
232	100		
131	43.6	32.5	48.7
130	2.2	1.5	2.3
166	28.6	21.8	32.8

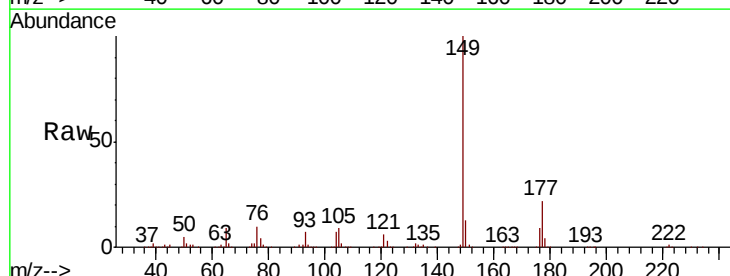


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

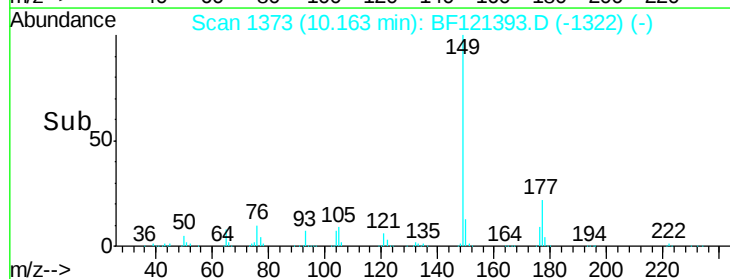
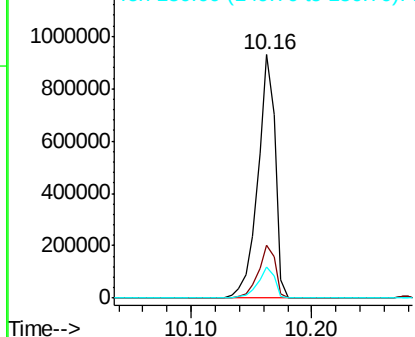


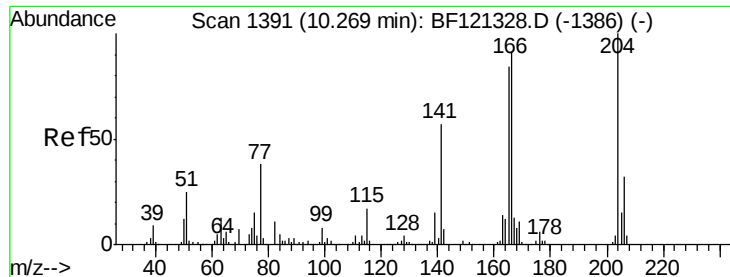
#60
 Diethylphthalate
 Concen: 37.523 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion:	149	Resp:	930693
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	12.9	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

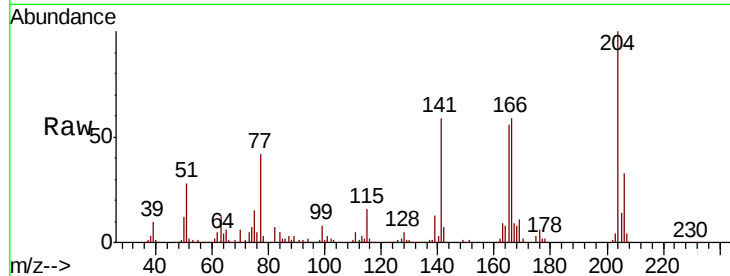




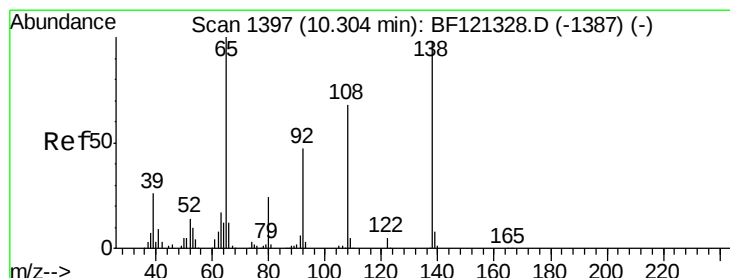
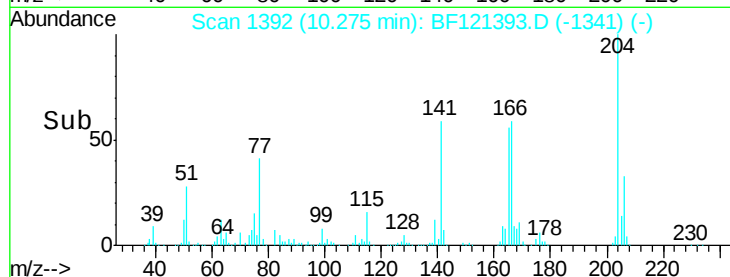
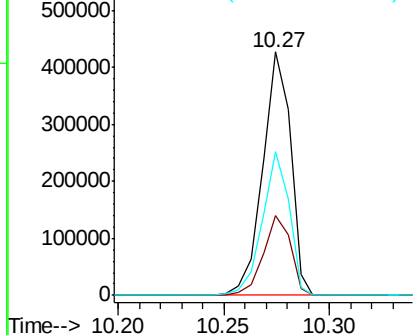
#61
4-Chlorophenyl-phenylether
Concen: 42.398 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleID :
PB131098BS

Tot Ion:204 Resp: 393283
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 59.3 46.2 69.4

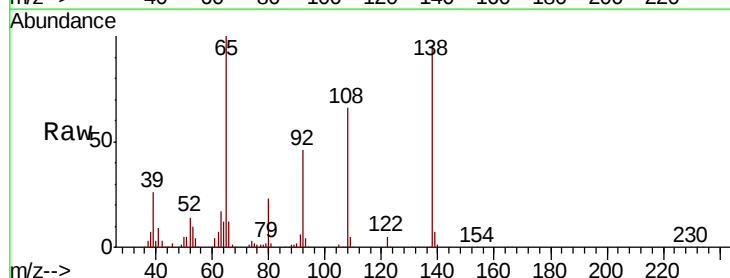


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

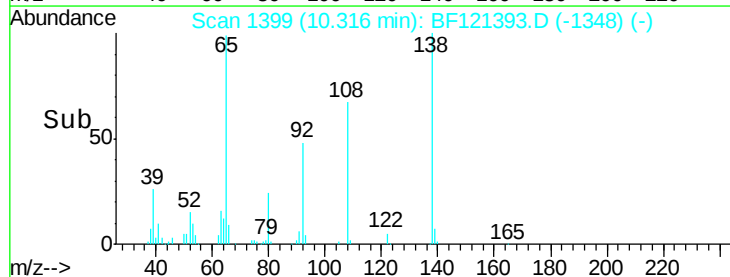
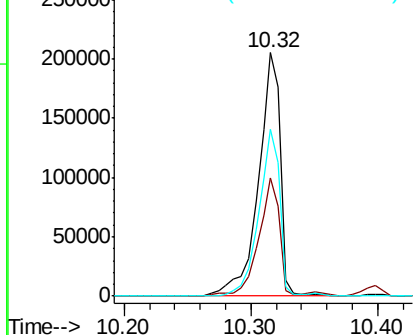


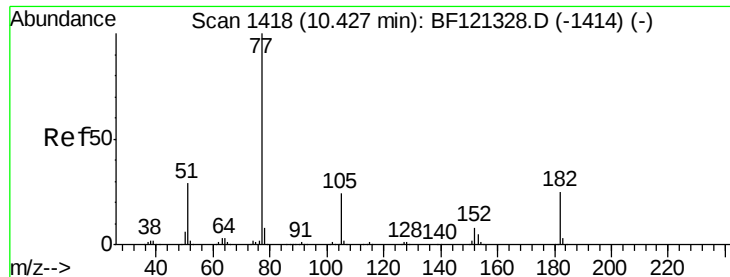
#62
4-Nitroaniline
Concen: 35.752 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:138 Resp: 248589
Ion Ratio Lower Upper
138 100
92 48.5 26.6 66.6
108 68.6 48.9 88.9



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

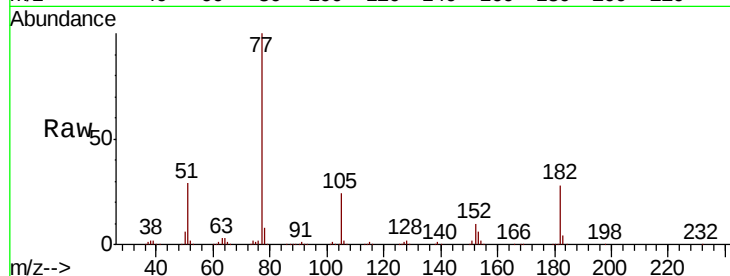




#63
Azobenzene
Concen: 37.481 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion:	77	Resp:	863492
Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.7	47.7
105	23.9	3.8	43.8
51	28.6	8.0	48.0

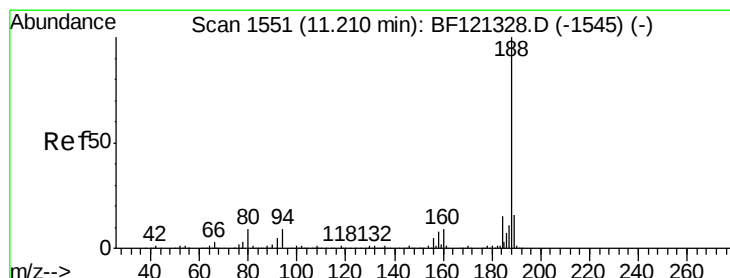
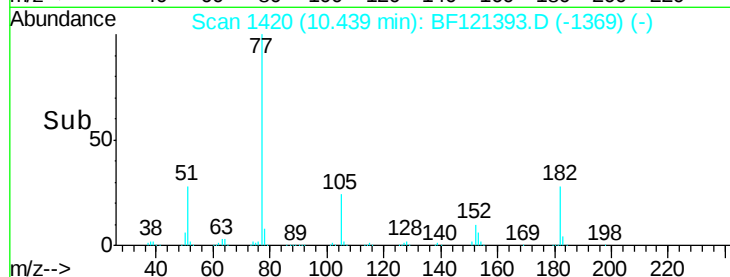
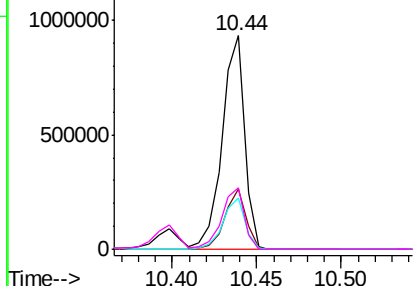


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

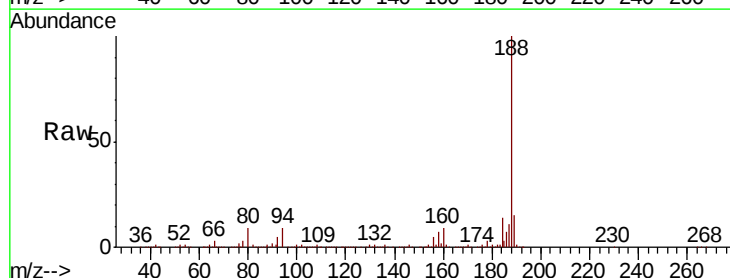
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

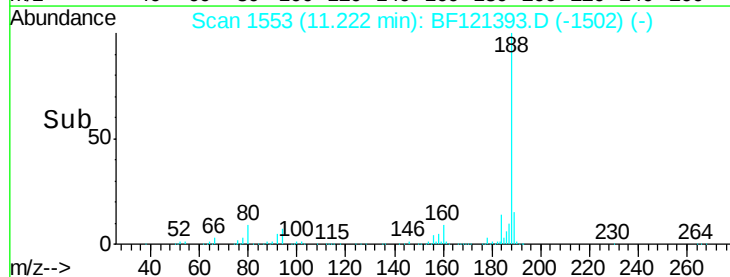
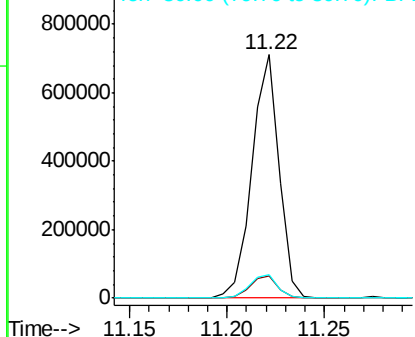
Tgt Ion:	188	Resp:	681612
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.4	7.1	10.7

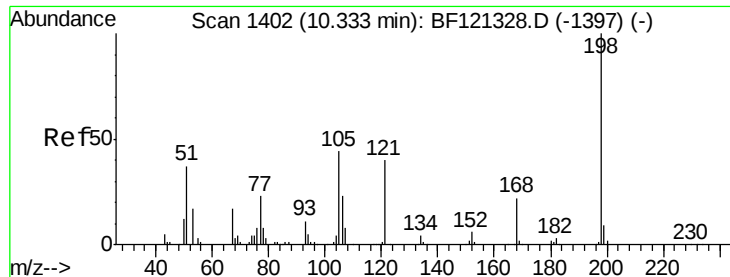


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

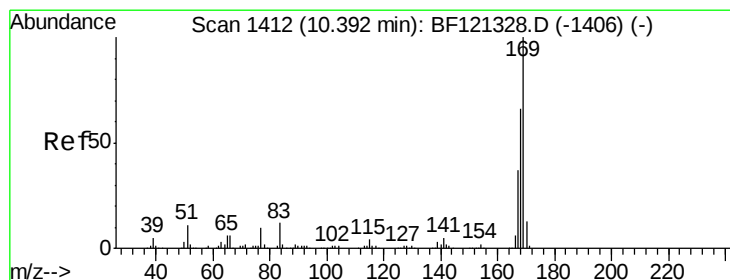
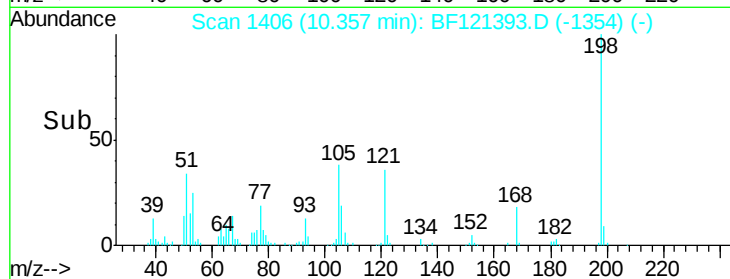
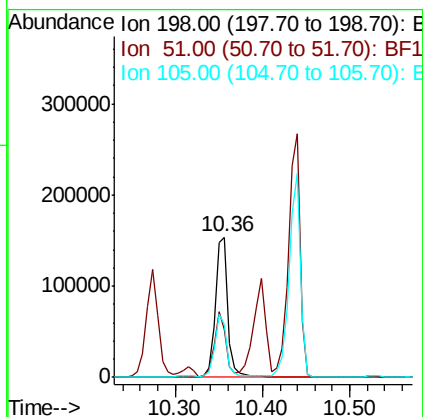
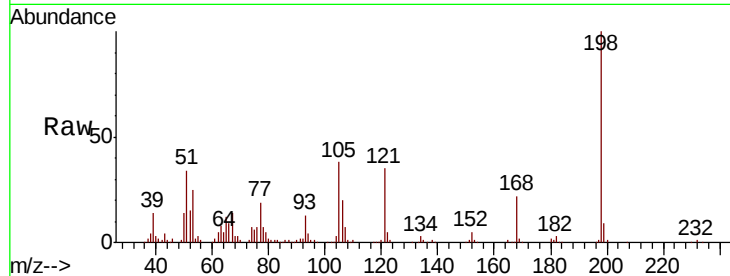




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.563 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

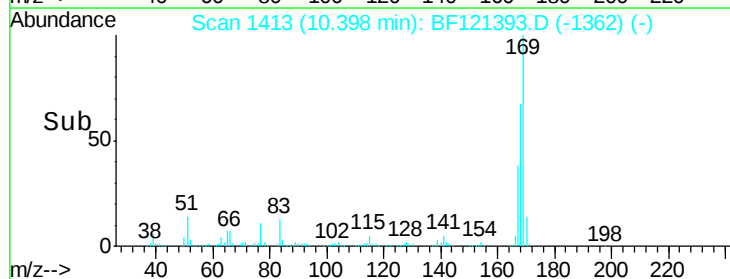
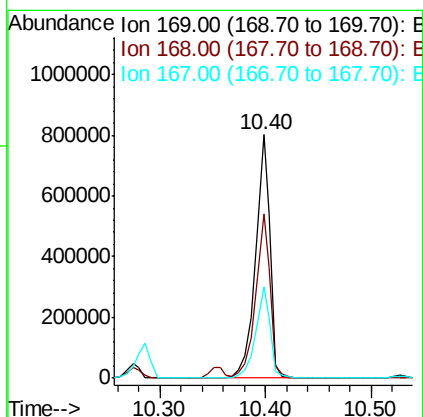
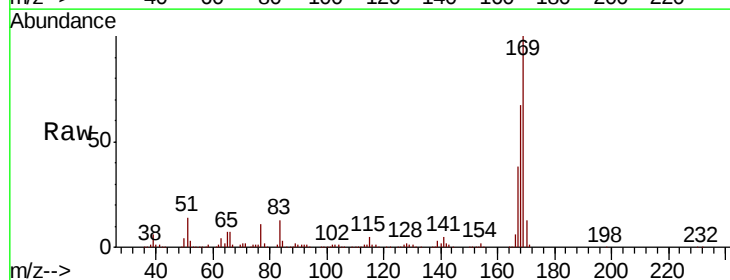
Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

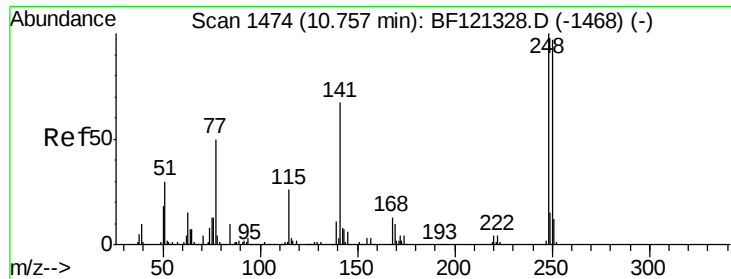
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.9	23.9	63.9
105	37.7	24.8	64.8



#66
 n-Nitrosodiphenylamine
 Concen: 37.023 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.9	80.9
167	37.6	29.9	44.9

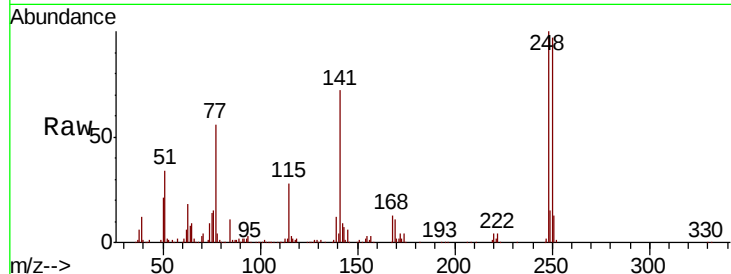




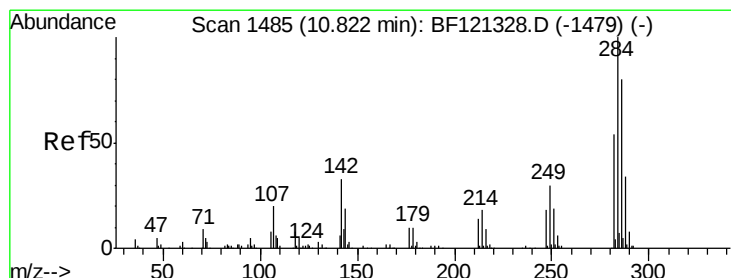
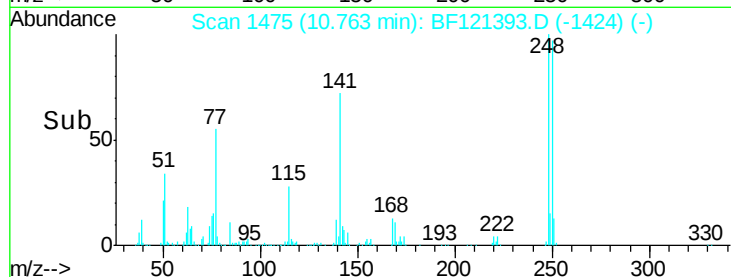
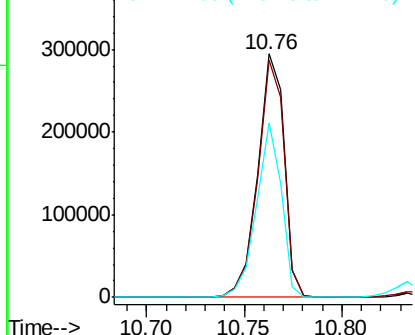
#67
 4-Bromophenyl-phenylether
 Concen: 36.616 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	71.7	57.4	86.2

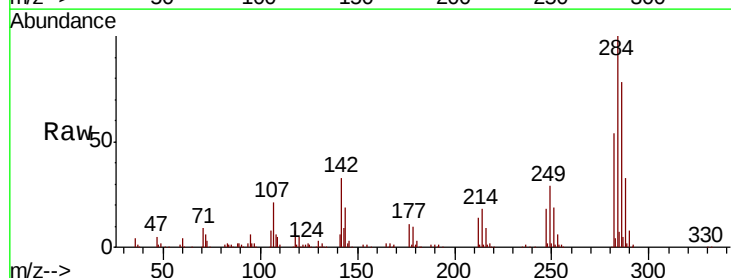


Abundance Ion 248.00 (247.70 to 248.70): E
 400000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

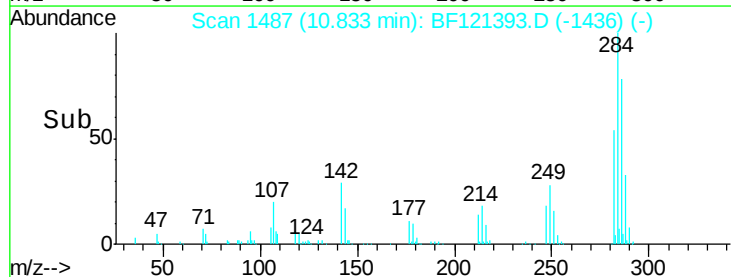
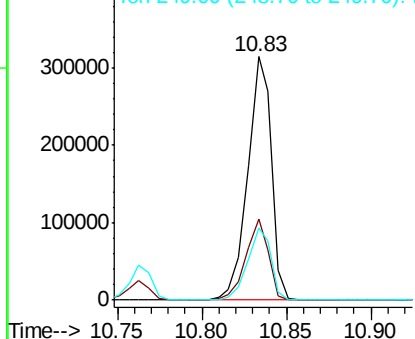


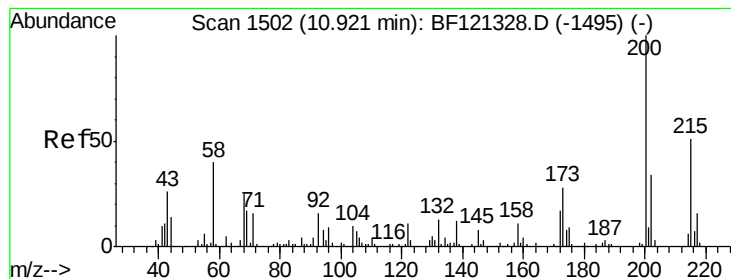
#68
 Hexachlorobenzene
 Concen: 35.395 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.5	39.7
249	29.4	23.7	35.5



Abundance Ion 283.80 (283.50 to 284.50): E
 400000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.330 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

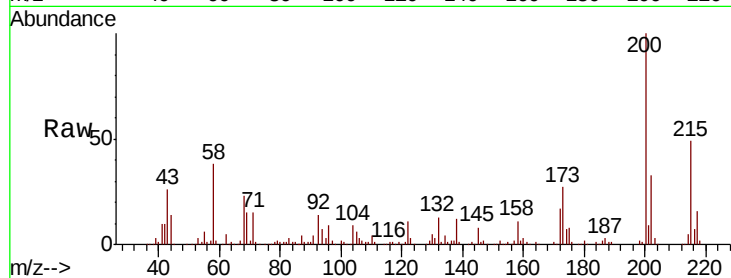
Tot Ion:200 Resp: 236618

Ion Ratio Lower Upper

200 100

173 26.8 8.5 48.5

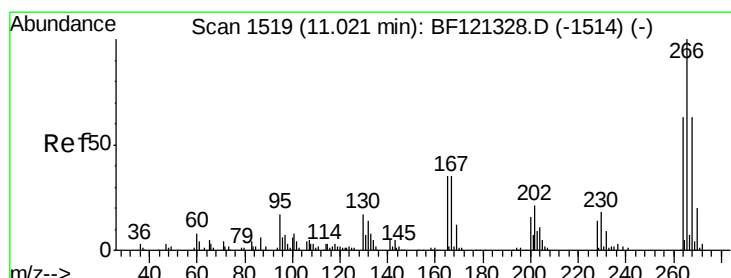
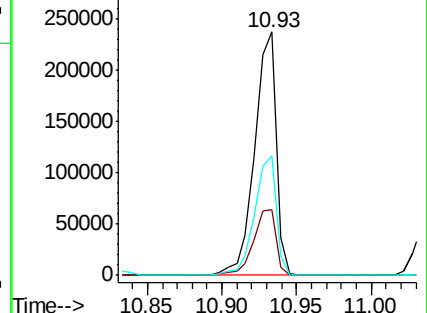
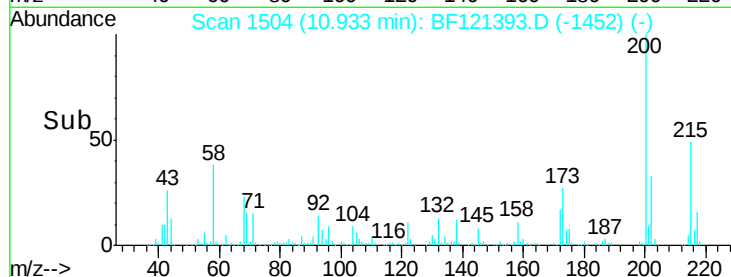
215 49.0 30.3 70.3



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: 79.742 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

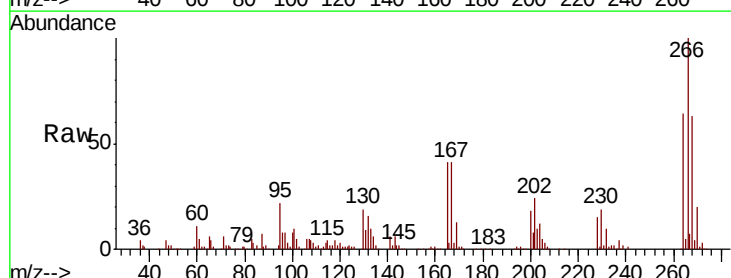
Tgt Ion:266 Resp: 309215

Ion Ratio Lower Upper

266 100

268 62.7 50.3 75.5

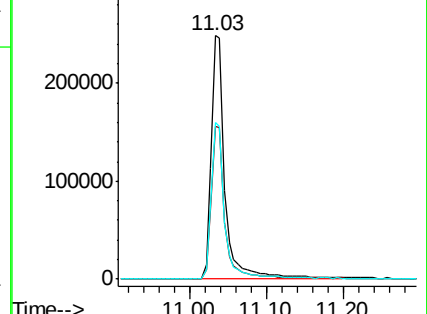
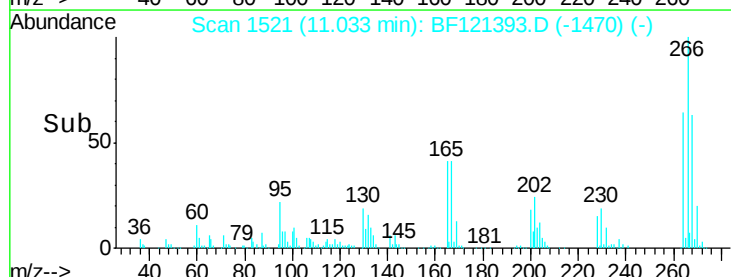
264 64.4 50.3 75.5

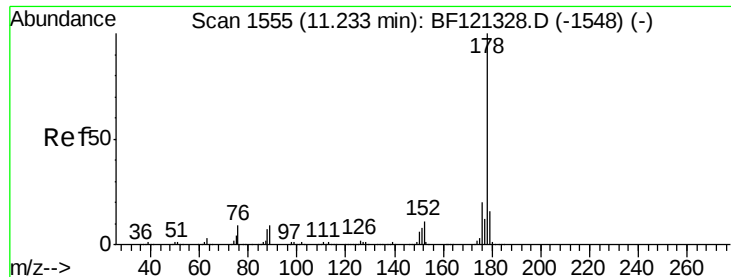


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

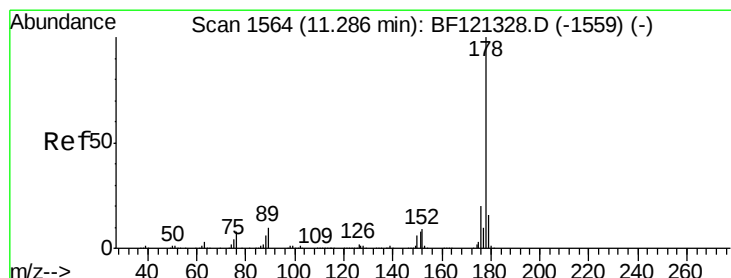
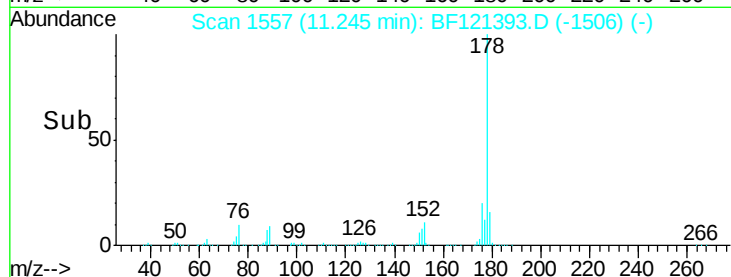
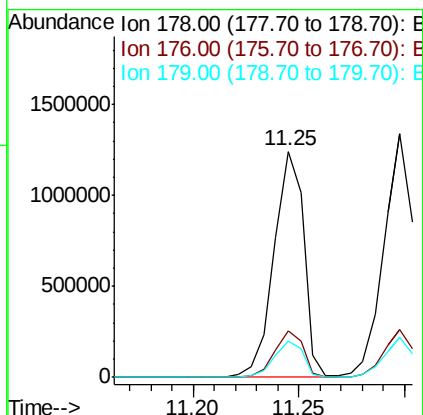
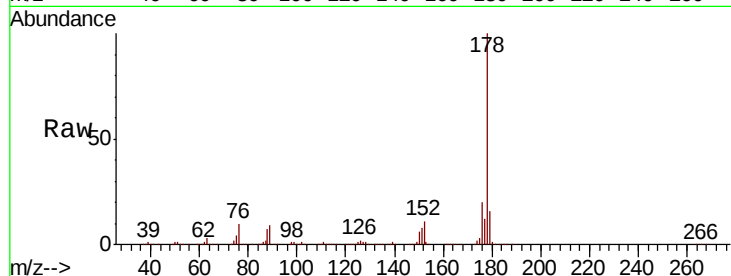




#71
Phenanthrene
Concen: 34.759 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

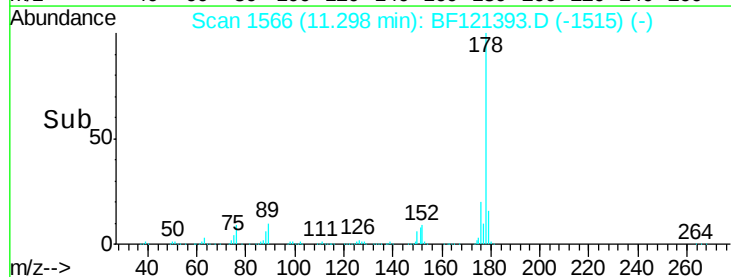
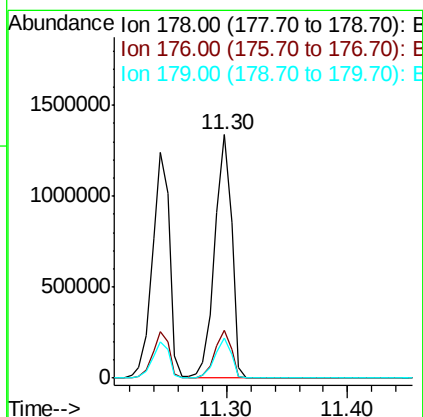
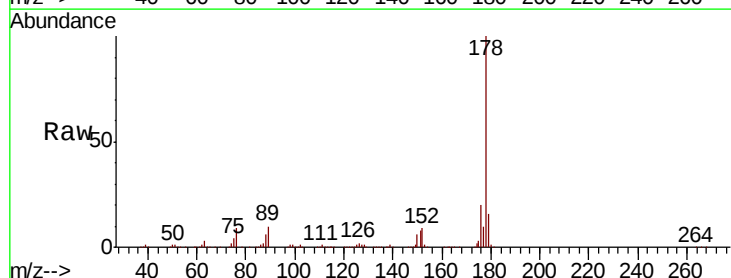
Instrument :
BNA_F
ClientSampleId :
PB131098BS

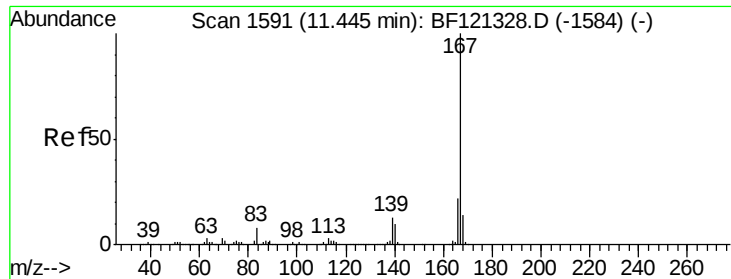
Tot Ion:178 Resp: 1226203
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.7 19.1



#72
Anthracene
Concen: 37.738 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:178 Resp: 1282012
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.2 12.6 18.8

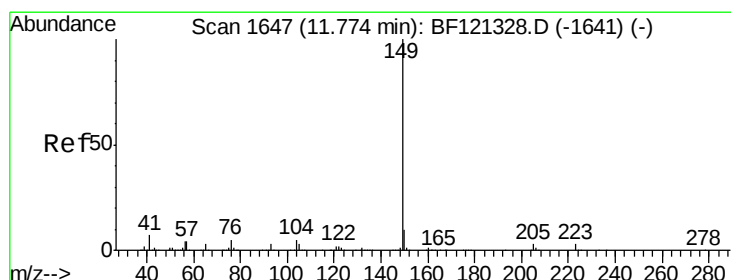
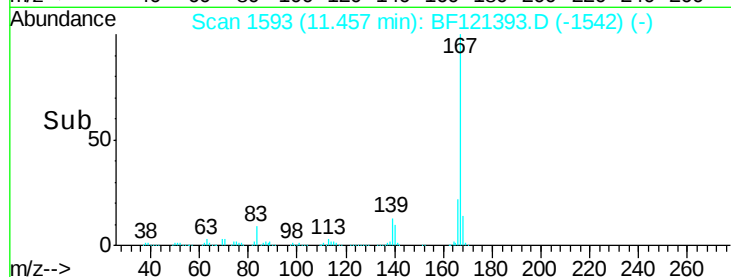
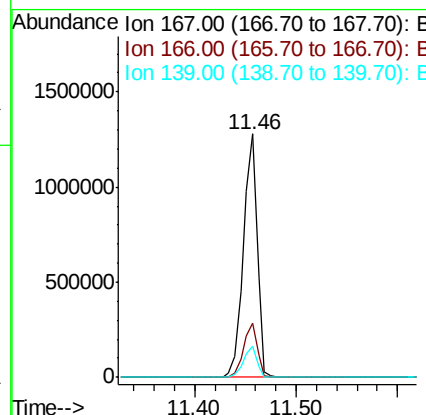
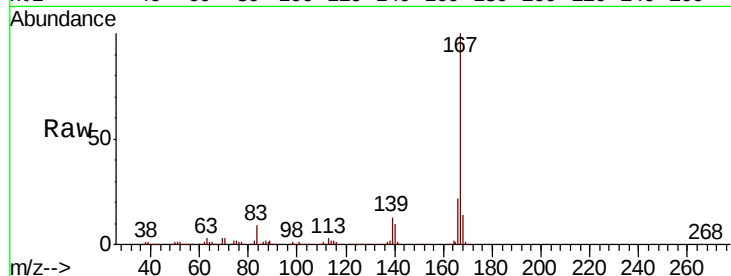




#73
 Carbazole
 Concen: 37.246 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

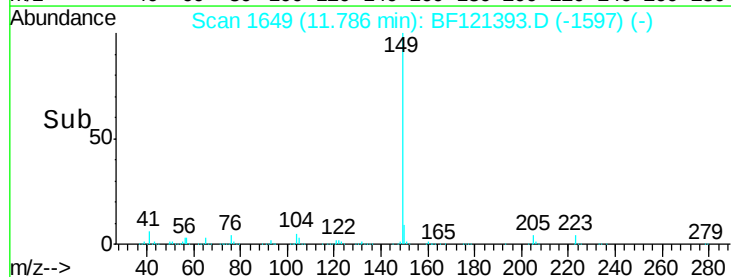
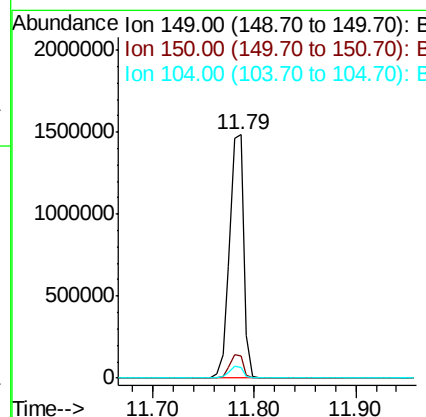
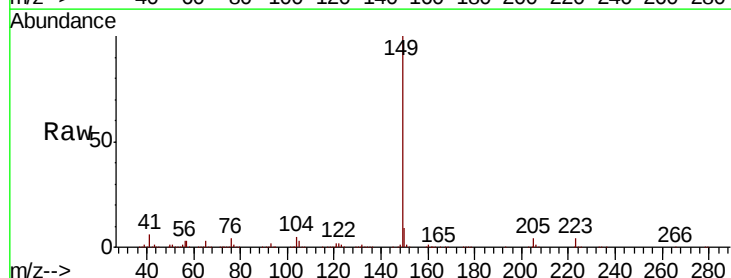
Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

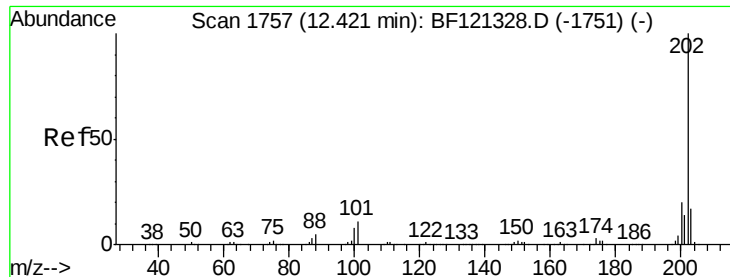
Tot Ion:167 Resp: 1207532
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 36.851 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion:149 Resp: 1440677
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.5 3.9 5.9

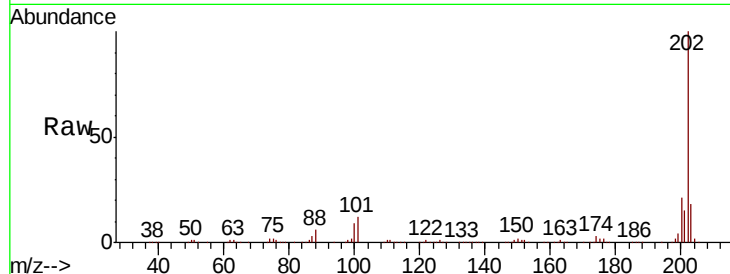




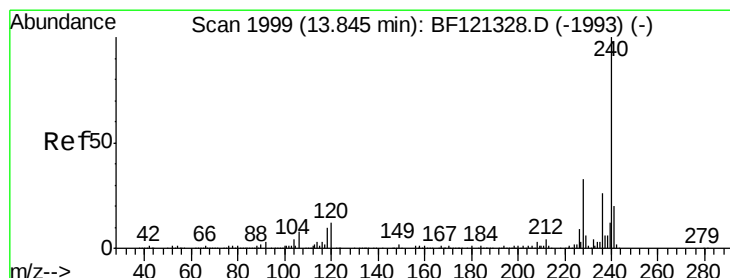
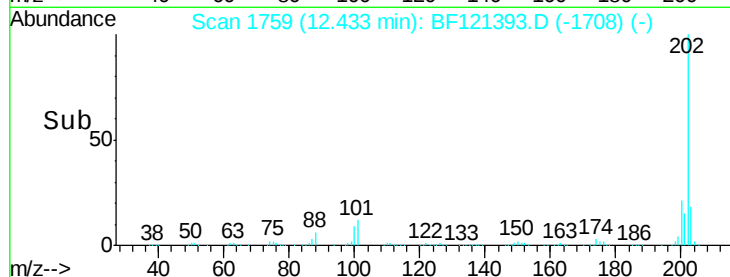
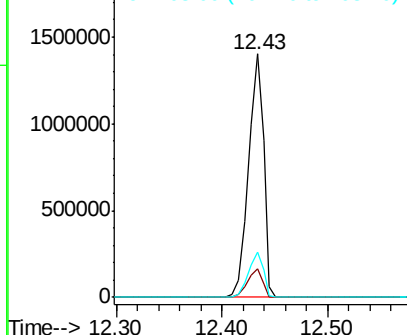
#75
Fluoranthene
Concen: 36.350 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion:202 Resp: 1391831
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.0
203 18.4 0.0 38.0

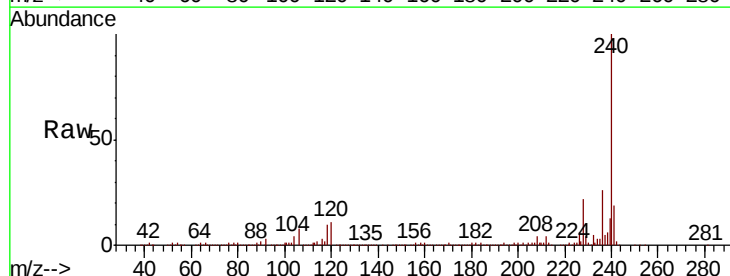


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

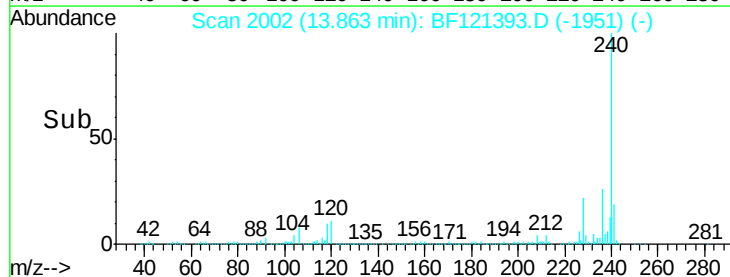
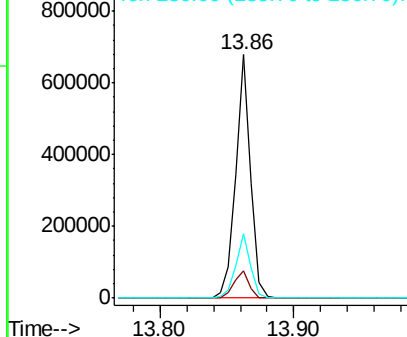


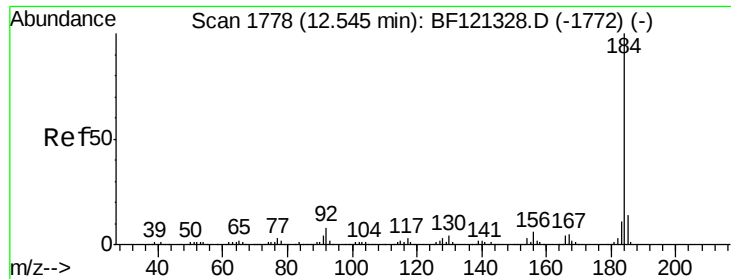
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:240 Resp: 529089
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 26.4 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: 53.313 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

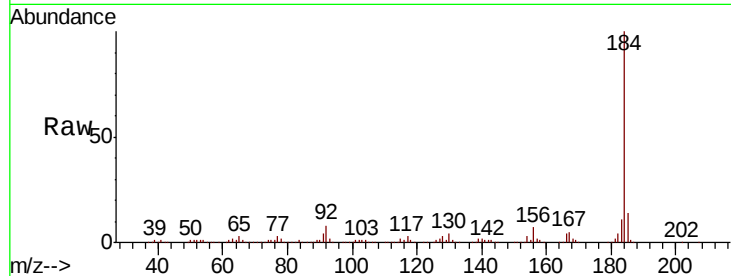
Tot Ion:184 Resp: 777124

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

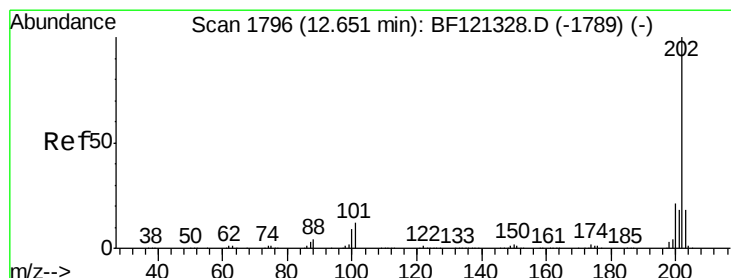
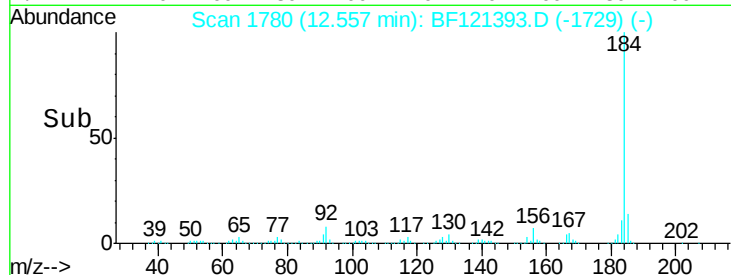
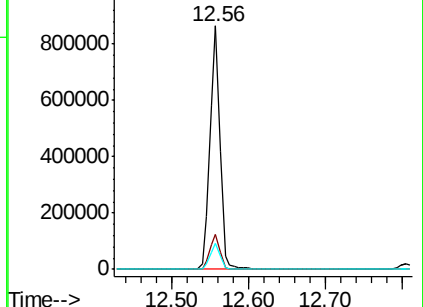
183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.897 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

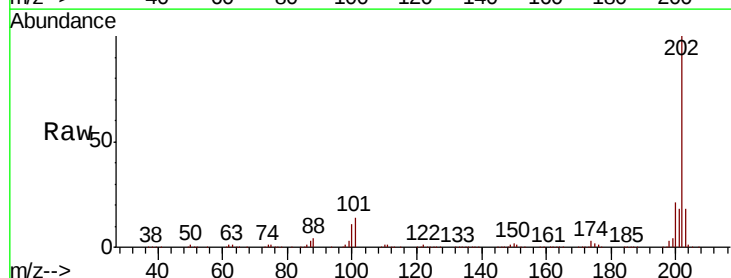
Tgt Ion:202 Resp: 1426666

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

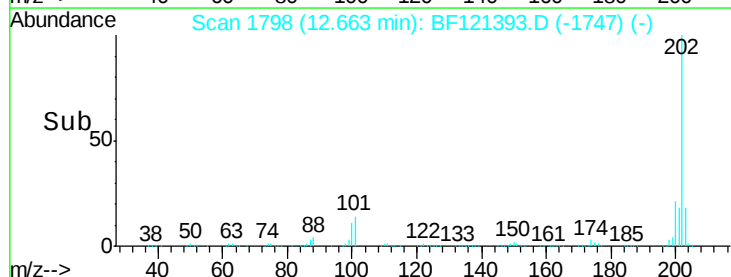
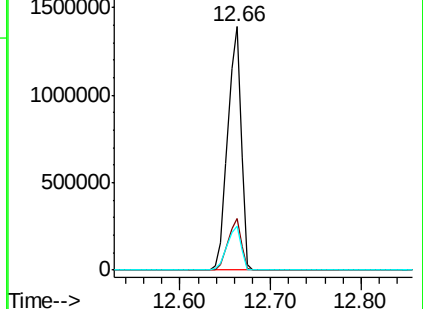
203 17.8 14.1 21.1

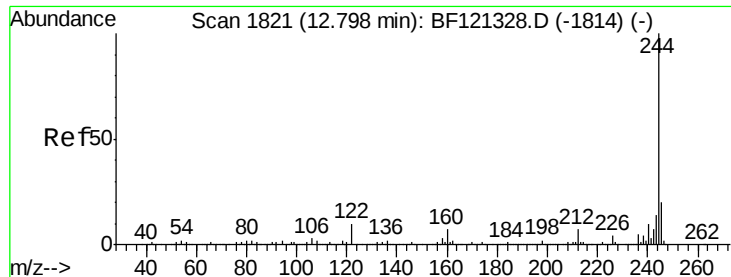


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.716 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

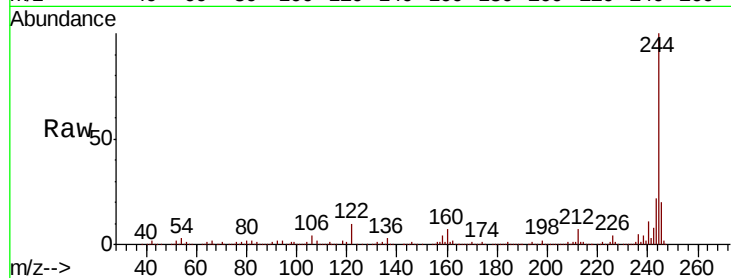
Tot Ion:244 Resp: 1481451

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

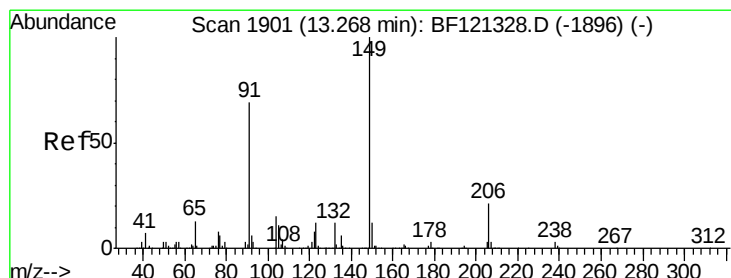
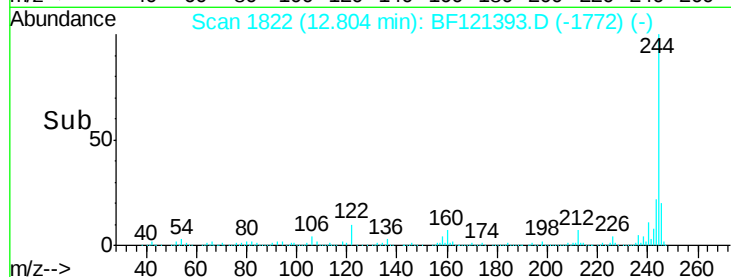
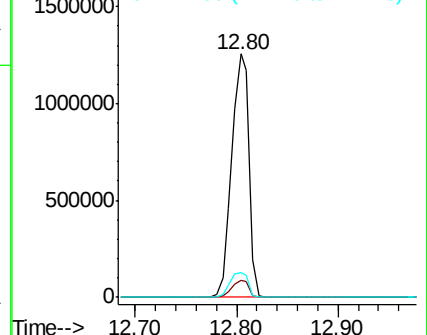
122 10.3 7.7 11.5



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: 37.851 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

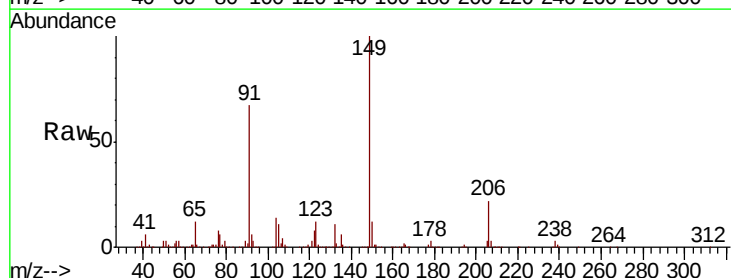
Tgt Ion:149 Resp: 646400

Ion Ratio Lower Upper

149 100

91 66.6 52.2 78.4

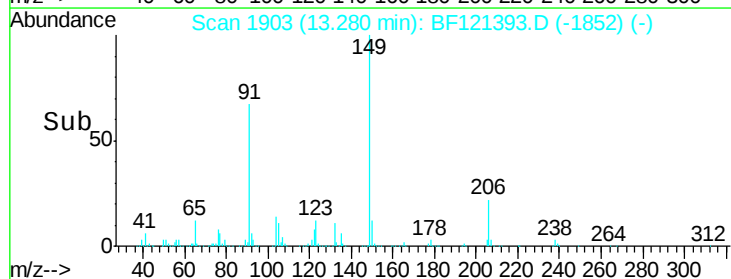
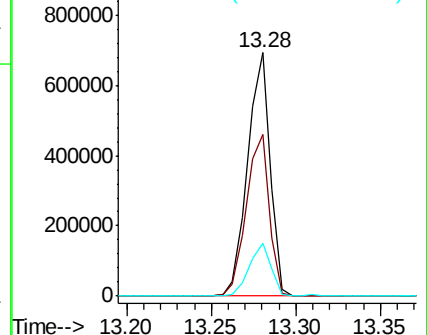
206 21.7 17.8 26.6

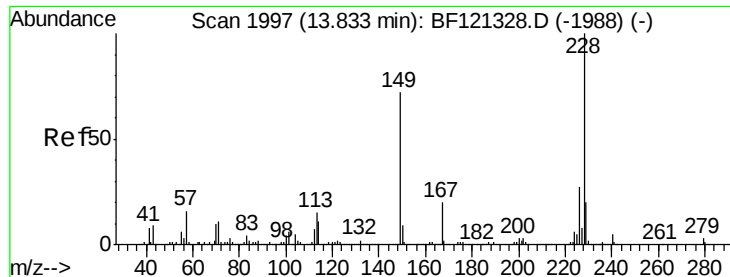


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.500 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

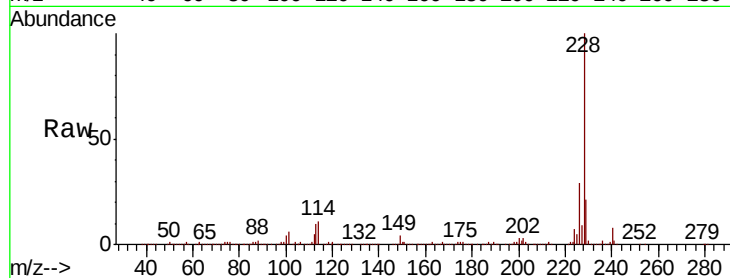
BNA_F

ClientSampleId :

PB131098BS

Tot Ion:228 Resp: 1166616

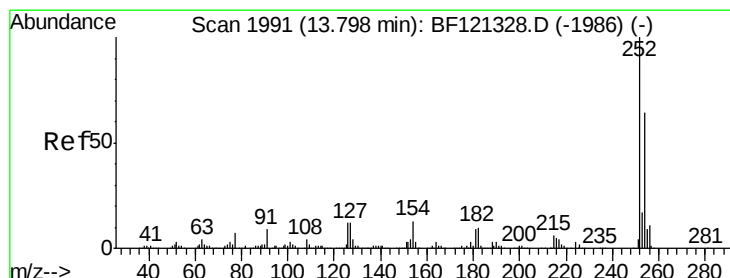
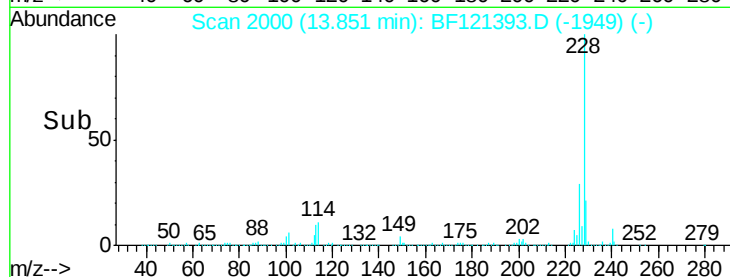
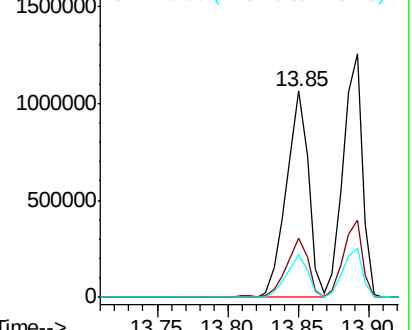
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.5	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.230 ng

RT: 13.82 min Scan# 1994

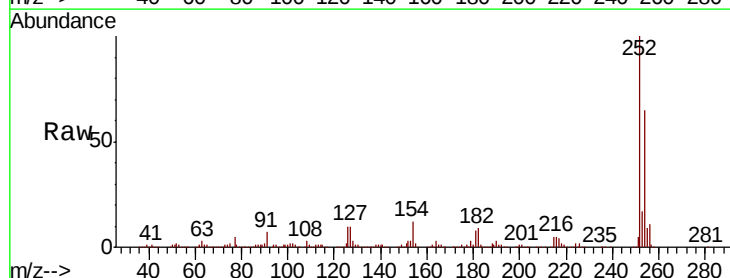
Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:252 Resp: 368812

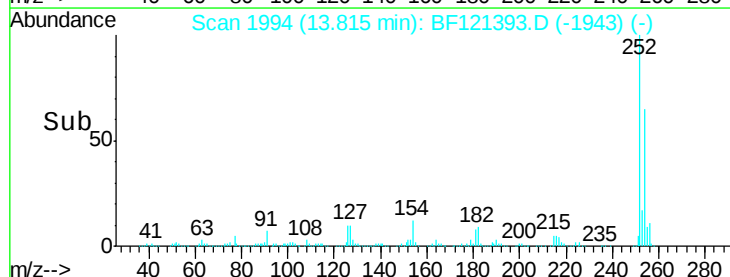
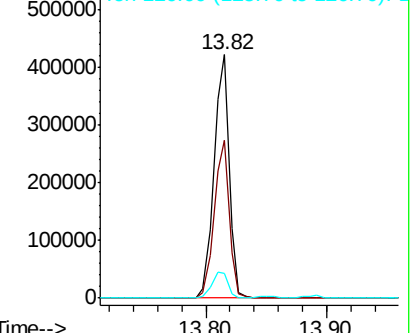
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	10.2	8.2	12.4

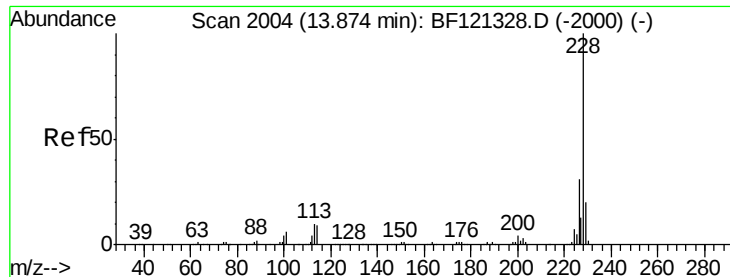


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.529 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

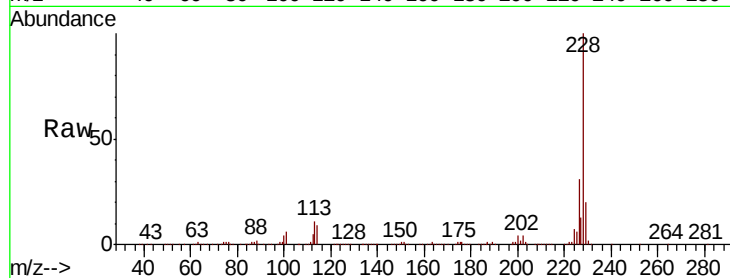
Tot Ion:228 Resp: 1194140

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

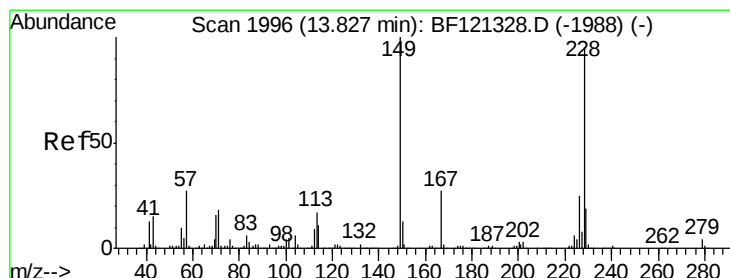
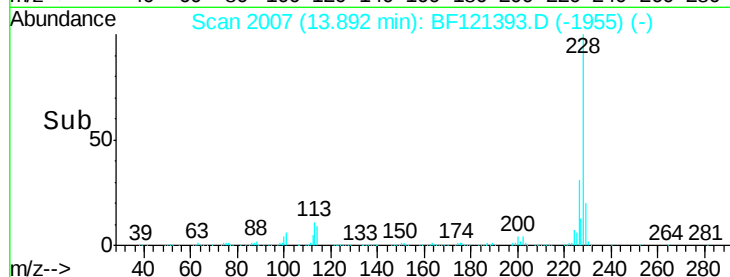
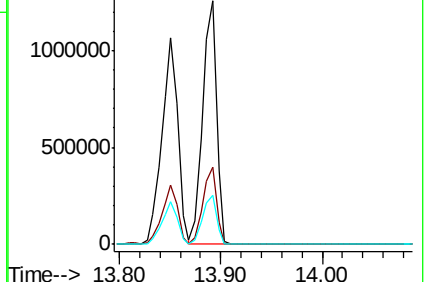
229 20.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.212 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

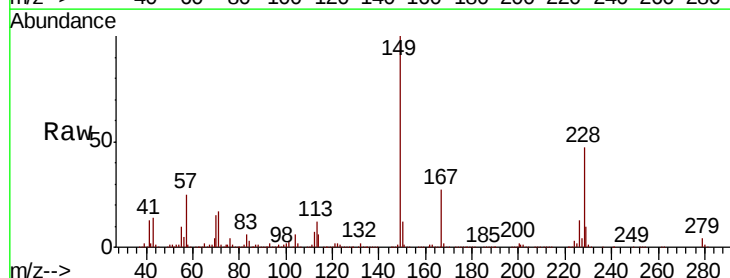
Tgt Ion:149 Resp: 787506

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

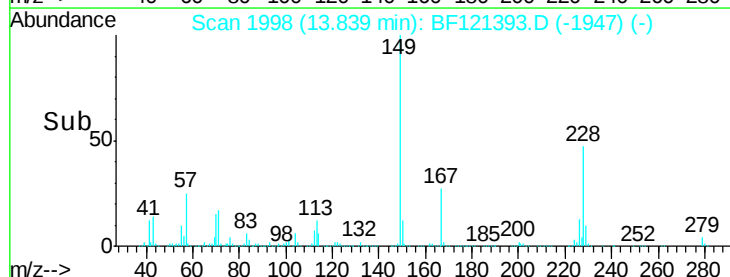
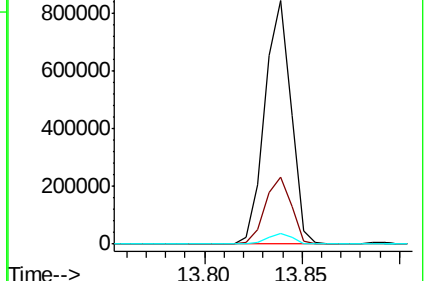
279 4.3 3.6 5.4

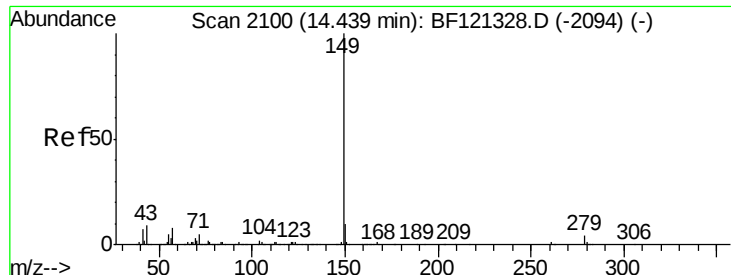


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

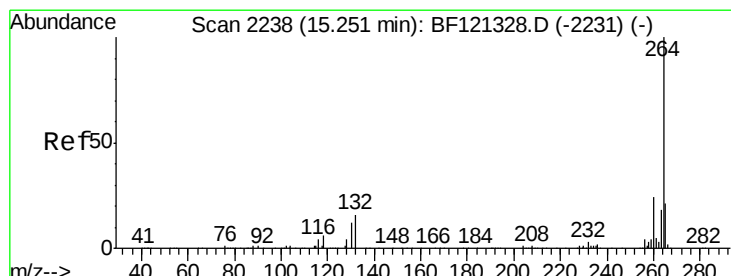
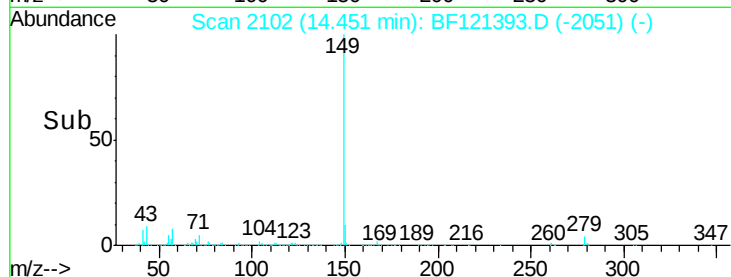
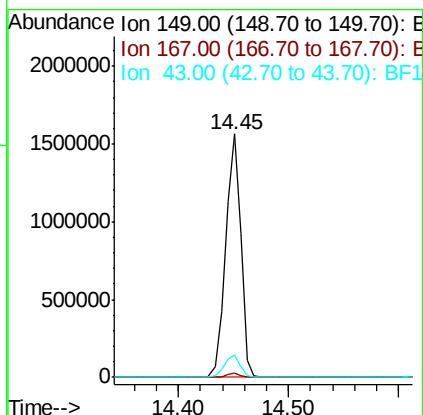
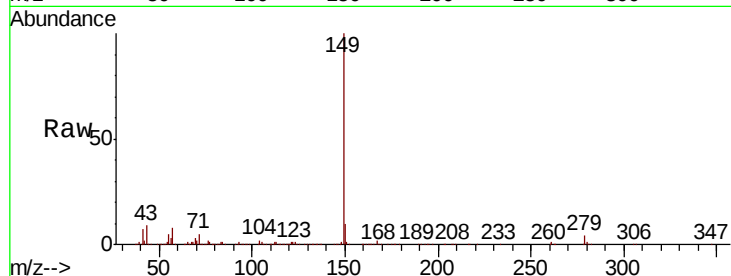




#85
Di-n-octyl phthalate
Concen: 40.296 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

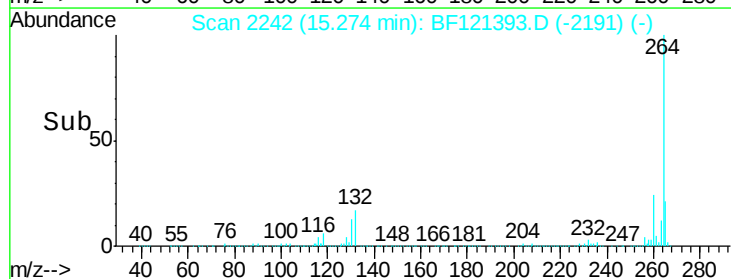
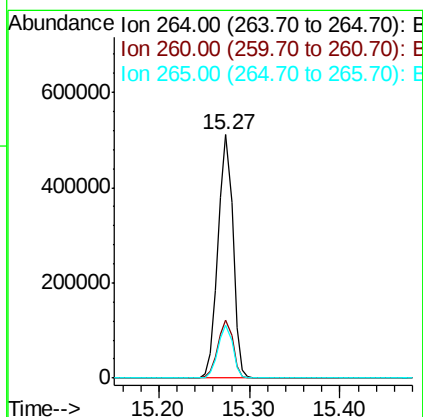
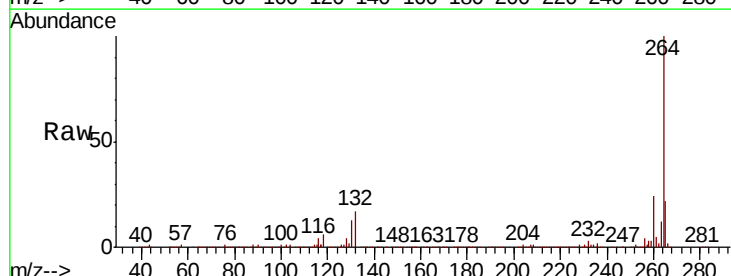
Instrument :
BNA_F
ClientSampleId :
PB131098BS

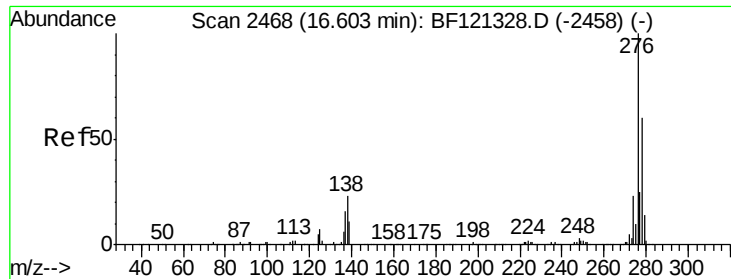
Tot Ion:149 Resp: 1497661
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:264 Resp: 579749
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 17.3 25.9



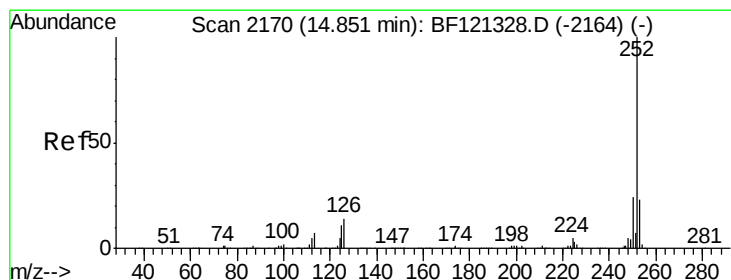
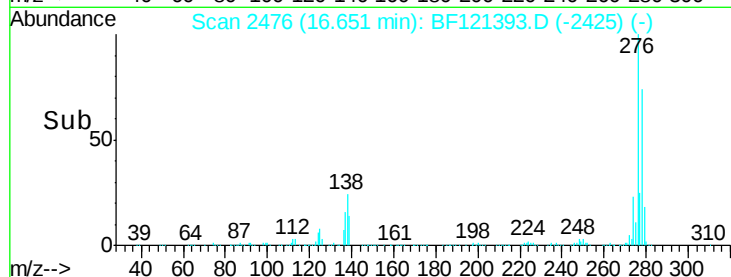
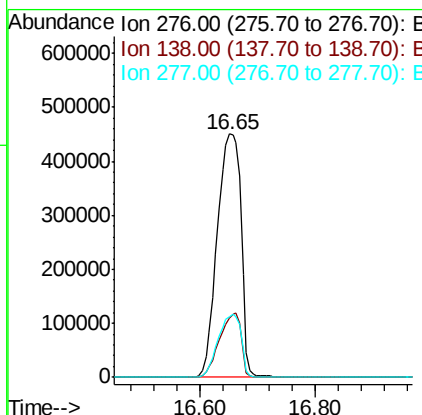
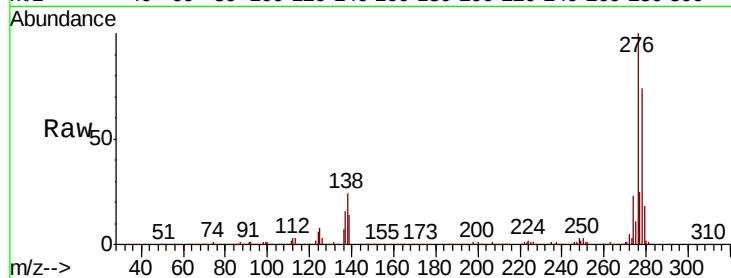


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.295 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion:276 Resp: 1284467

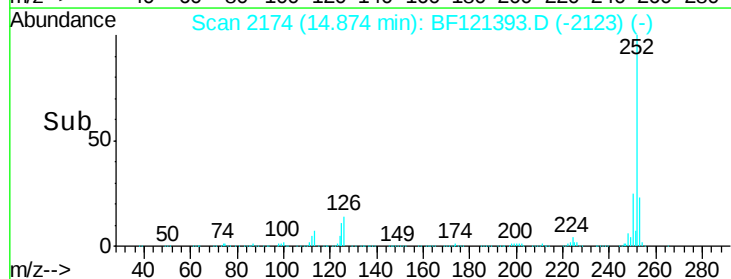
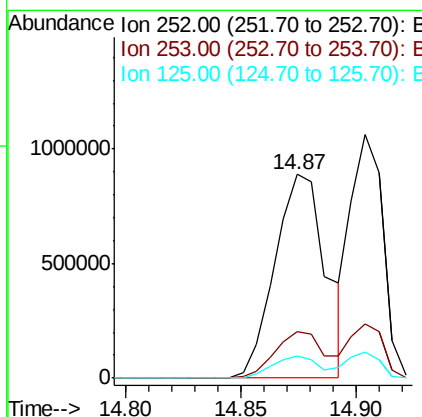
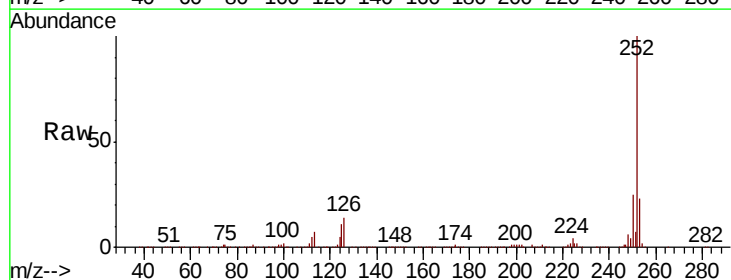
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.2
277	25.3	20.2	30.4

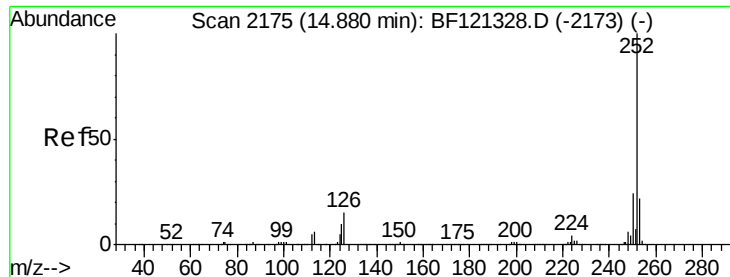


#88
 Benzo(b)fluoranthene
 Concen: 36.527 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion:252 Resp: 1368094

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.8	8.3	12.5

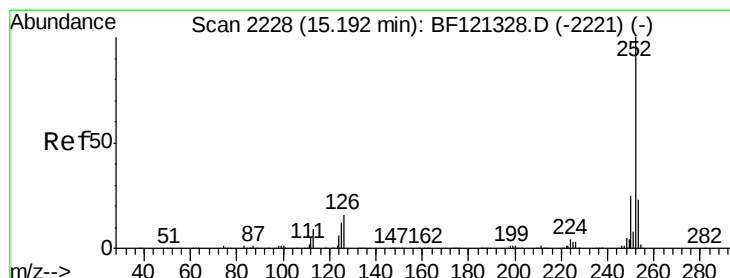
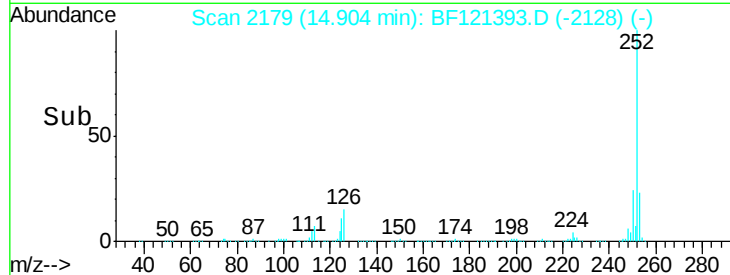
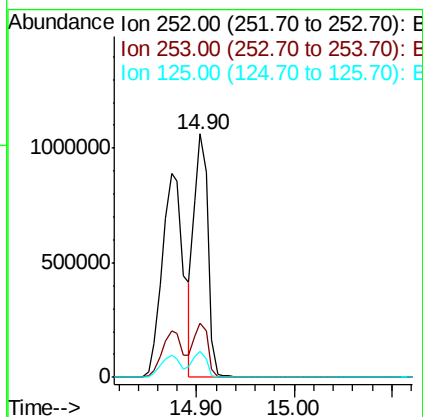
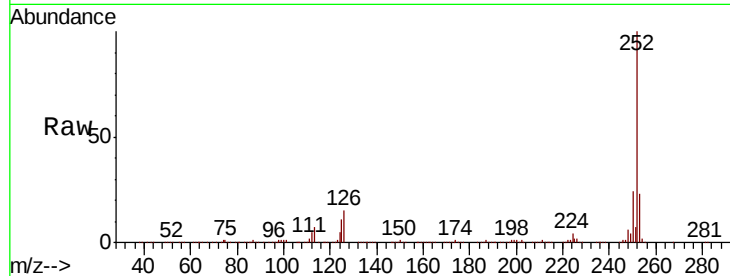




#89
Benzo(k)fluoranthene
Concen: 31.469 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

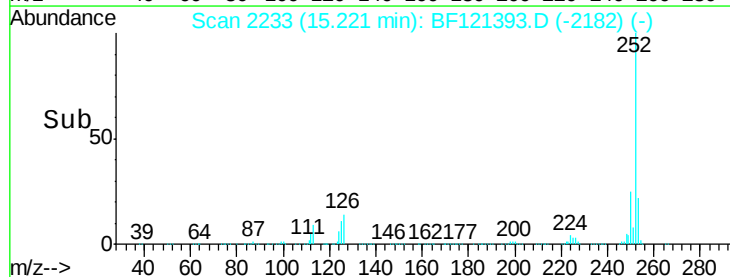
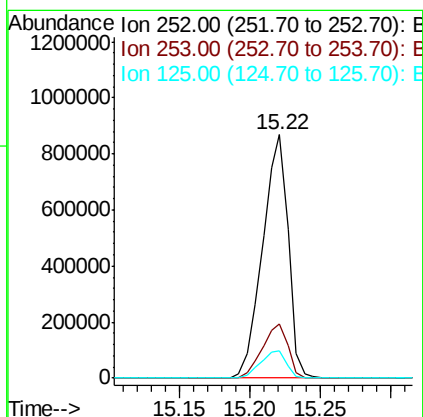
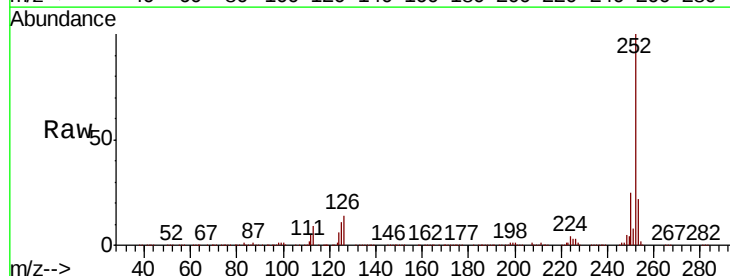
Instrument :
BNA_F
ClientSampleId :
PB131098BS

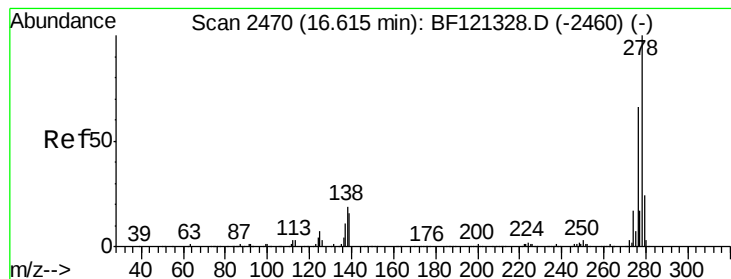
Tot Ion:252 Resp: 1037505
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 34.326 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion:252 Resp: 1110844
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 35.775 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

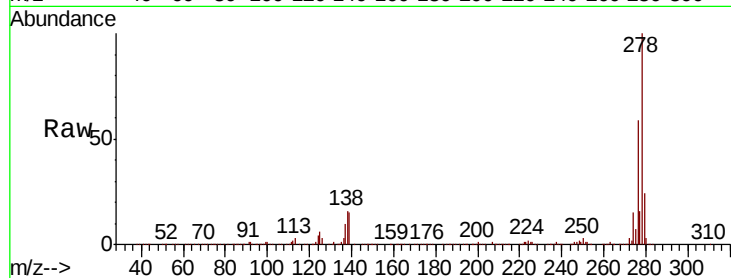
Tot Ion:278 Resp: 1038044

Ion Ratio Lower Upper

278 100

139 14.6 13.0 19.6

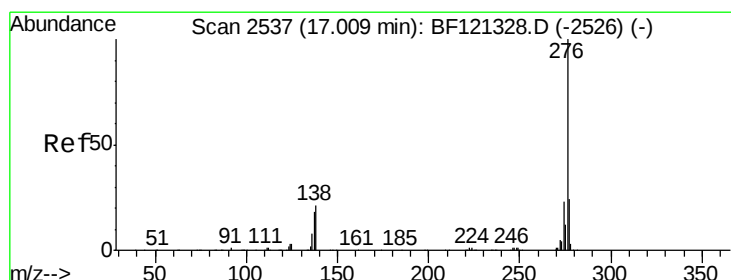
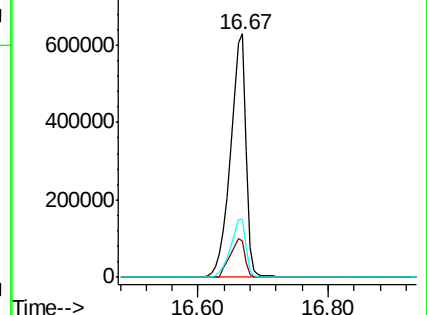
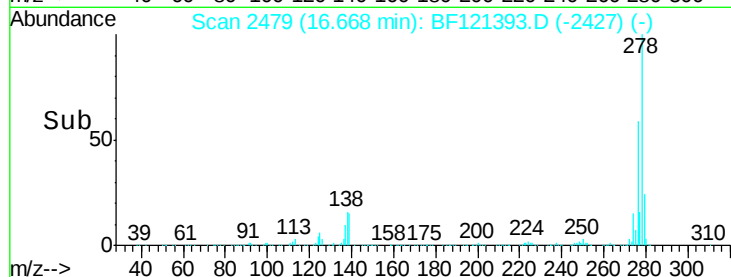
279 24.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.368 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

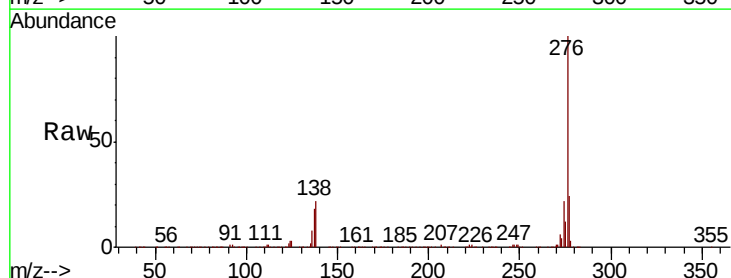
Tgt Ion:276 Resp: 1088374

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 21.7 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

