

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133384.D
 Acq On : 15 May 2023 13:58
 Operator : CG\JU
 Sample : PB152781BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BSD

Quant Time: May 15 14:46:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	236418	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	980297	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	505029	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	886266	20.000	ng	0.00
76) Chrysene-d12	13.886	240	532605	20.000	ng	0.00
86) Perylene-d12	15.304	264	466293	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1915692	122.405	ng	0.02
7) Phenol-d6	6.375	99	2287201	117.742	ng	0.00
23) Nitrobenzene-d5	7.292	82	1489898	82.036	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	604117	118.943	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2463043	81.593	ng	0.00
79) Terphenyl-d14	12.833	244	2698110	87.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	276674	38.113	ng	96
3) Pyridine	3.169	79	723831	37.542	ng	99
4) n-Nitrosodimethylamine	3.140	42	403479	40.402	ng	92
6) Aniline	6.387	93	784421	31.352	ng	# 19
8) 2-Chlorophenol	6.510	128	781222	49.163	ng	95
9) Benzaldehyde	6.269	77	424130	52.674	ng	98
10) Phenol	6.387	94	891723	41.611	ng	# 72
11) bis(2-Chloroethyl)ether	6.457	93	740513	46.048	ng	99
12) 1,3-Dichlorobenzene	6.663	146	806129	47.716	ng	97
13) 1,4-Dichlorobenzene	6.740	146	808134	47.729	ng	99
14) 1,2-Dichlorobenzene	6.892	146	779433	49.931	ng	97
15) Benzyl Alcohol	6.875	79	629260	46.895	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1131456	40.509	ng	83
17) 2-Methylphenol	6.992	107	631340	43.390	ng	95
18) Hexachloroethane	7.234	117	285287	48.463	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	492473	40.722	ng	93
20) 3+4-Methylphenols	7.145	107	760027	44.354	ng	# 81
22) Acetophenone	7.140	105	1055518	46.482	ng	95
24) Nitrobenzene	7.310	77	790831	42.972	ng	98
25) Isophorone	7.551	82	1479584	42.908	ng	99
26) 2-Nitrophenol	7.628	139	442150	49.811	ng	94
27) 2,4-Dimethylphenol	7.675	122	693986	45.595	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	888547	43.558	ng	99
29) 2,4-Dichlorophenol	7.875	162	643269	46.425	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	666833	46.453	ng	99
31) Naphthalene	8.034	128	2132124	43.502	ng	99
32) Benzoic acid	7.822	122	433869	46.148	ng	99
33) 4-Chloroaniline	8.081	127	284695	14.377	ng	100
34) Hexachlorobutadiene	8.145	225	357609	44.948	ng	98
35) Caprolactam	8.469	113	157392	33.813	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	696794	46.633	ng	97
37) 2-Methylnaphthalene	8.722	142	1411616	42.128	ng	98
38) 1-Methylnaphthalene	8.822	142	1310129	41.795	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	592268	43.617	ng	99
41) Hexachlorocyclopentadiene	8.875	237	676951	85.482	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	420466	44.775	ng	96

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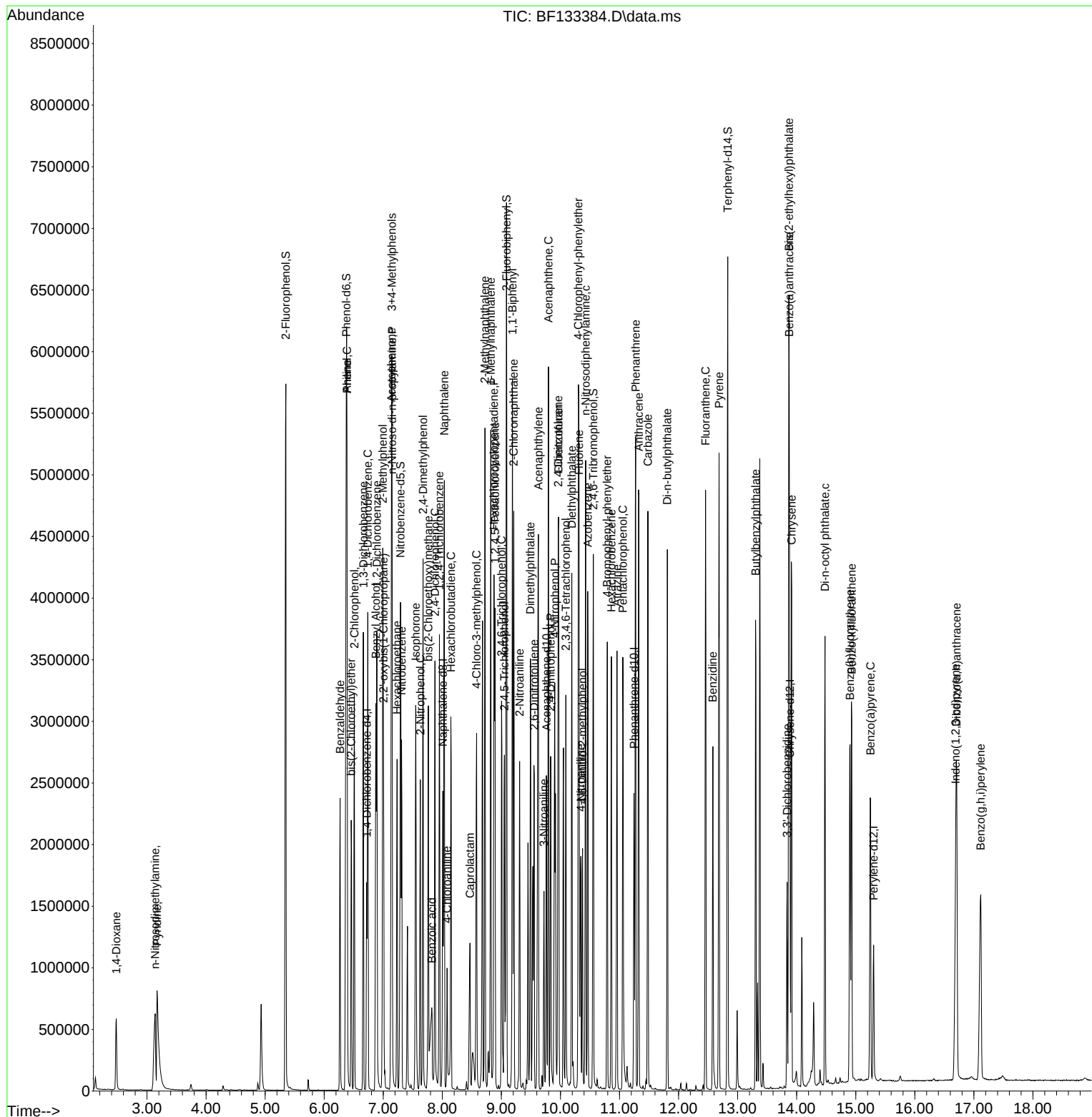
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	462293	42.566	ng	95
46) 1,1'-Biphenyl	9.186	154	1724200	43.055	ng	99
47) 2-Chloronaphthalene	9.210	162	1322079	45.105	ng	99
48) 2-Nitroaniline	9.310	65	419486	43.303	ng	98
49) Acenaphthylene	9.628	152	2001623	42.738	ng	99
50) Dimethylphthalate	9.492	163	1590076	45.154	ng	99
51) 2,6-Dinitrotoluene	9.557	165	364577	45.998	ng	# 83
52) Acenaphthene	9.798	154	1223431	39.003	ng	99
53) 3-Nitroaniline	9.722	138	256183	27.184	ng	97
54) 2,4-Dinitrophenol	9.833	184	401884	100.876	ng	97
55) Dibenzofuran	9.969	168	1748076	40.854	ng	97
56) 4-Nitrophenol	9.904	139	574291	78.679	ng	98
57) 2,4-Dinitrotoluene	9.963	165	455091	45.024	ng	93
58) Fluorene	10.316	166	1333445	42.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	374823	44.517	ng	98
60) Diethylphthalate	10.192	149	1439309	43.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	640870	41.950	ng	97
62) 4-Nitroaniline	10.345	138	408819	47.199	ng	96
63) Azobenzene	10.463	77	1434357	40.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	281708	52.441	ng	94
66) n-Nitrosodiphenylamine	10.428	169	1216444	42.314	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	414035	43.074	ng	97
68) Hexachlorobenzene	10.863	284	446832	45.367	ng	99
69) Atrazine	10.957	200	430304	51.946	ng	98
70) Pentachlorophenol	11.057	266	496825	70.827	ng	98
71) Phenanthrene	11.275	178	1998765	41.961	ng	99
72) Anthracene	11.327	178	2089787	42.869	ng	100
73) Carbazole	11.480	167	1914648	44.109	ng	99
74) Di-n-butylphthalate	11.810	149	2295539	46.732	ng	100
75) Fluoranthene	12.457	202	2046871	42.816	ng	99
77) Benzidine	12.580	184	1016098	112.817	ng	# 93
78) Pyrene	12.686	202	2115766	46.341	ng	99
80) Butylbenzylphthalate	13.304	149	915577	56.637	ng	94
81) Benzo(a)anthracene	13.874	228	1546772	42.232	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	357432	35.327	ng	99
83) Chrysene	13.916	228	1558162	42.553	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	1050971	51.795	ng	99
85) Di-n-octyl phthalate	14.480	149	1707138	51.598	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1429483	53.895	ng	99
88) Benzo(b)fluoranthene	14.904	252	1377592	46.438	ng	100
89) Benzo(k)fluoranthene	14.933	252	1237069	42.068	ng	99
90) Benzo(a)pyrene	15.251	252	1146061	42.445	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	1178548	53.275	ng	98
92) Benzo(g,h,i)perylene	17.115	276	1215917	55.674	ng	97

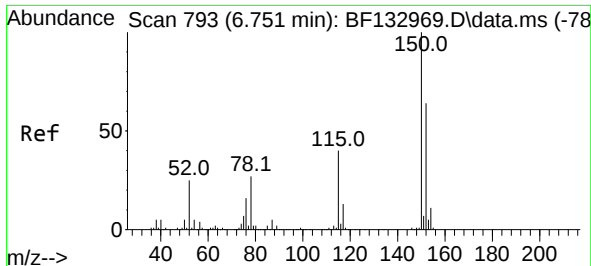
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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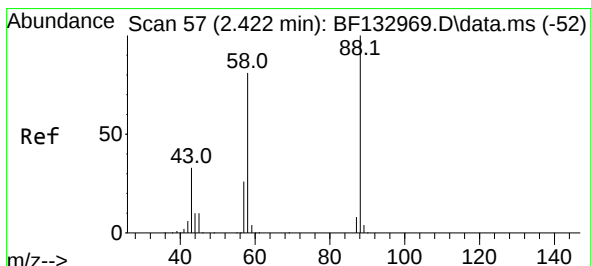
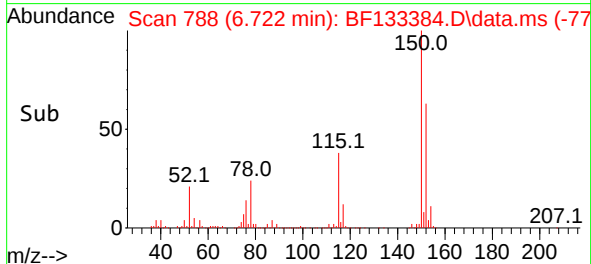
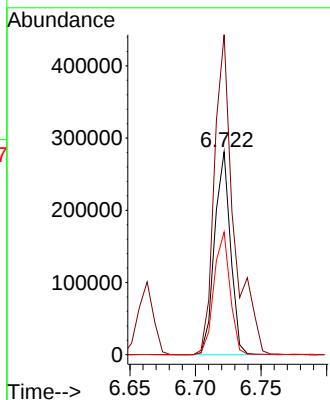
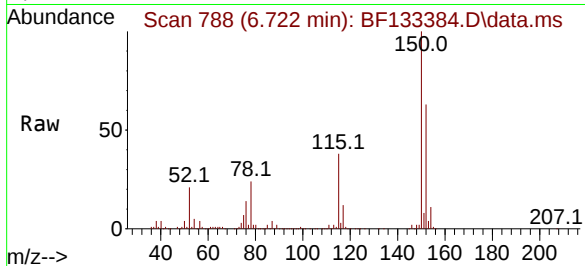




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

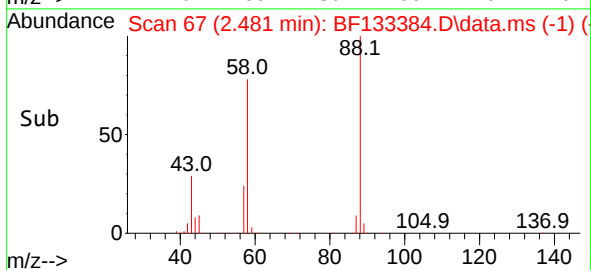
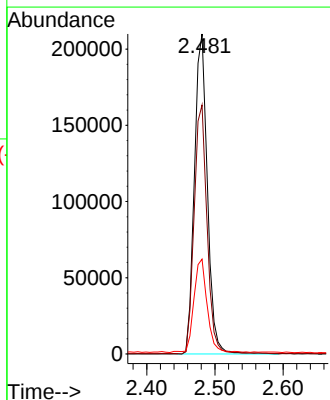
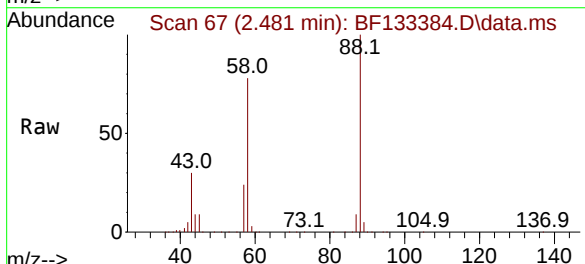
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 ClientSampleId :
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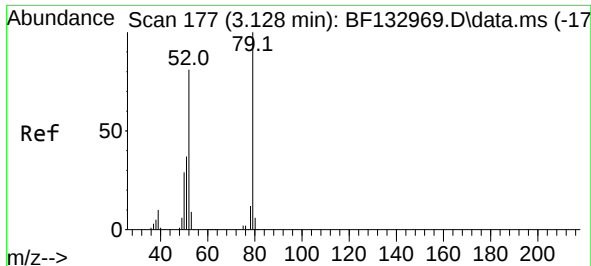
Tgt Ion:152 Resp: 236418
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.8 187.2
 115 60.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.113 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.118 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

Tgt Ion: 88 Resp: 276674
 Ion Ratio Lower Upper
 88 100
 58 77.2 64.7 97.1
 43 30.2 26.2 39.2

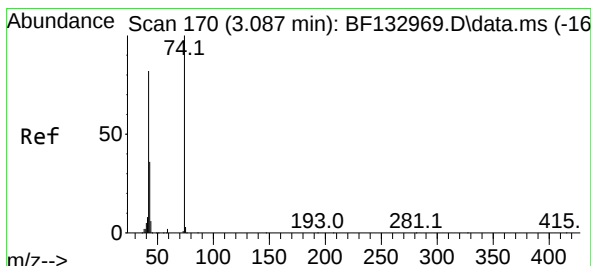
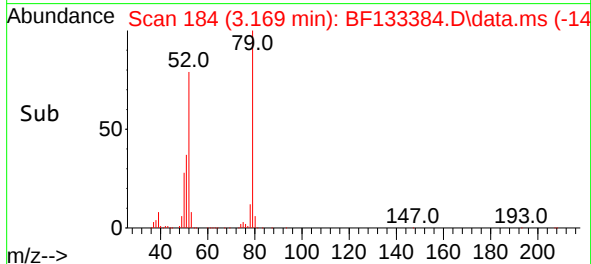
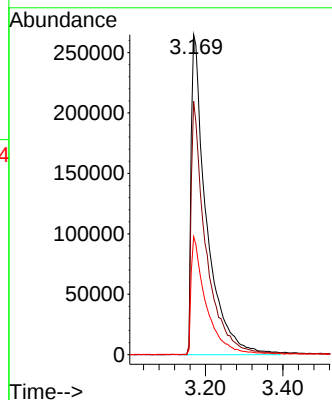
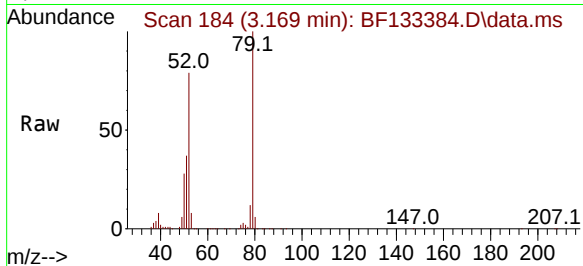




#3
 Pyridine
 Concen: 37.542 ng
 RT: 3.169 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

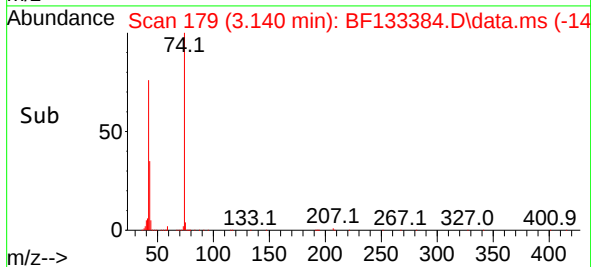
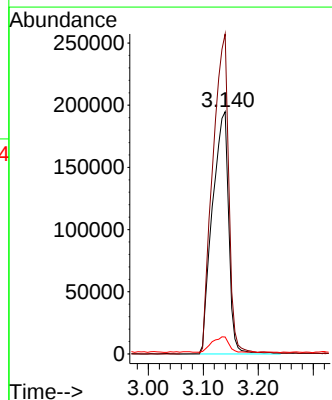
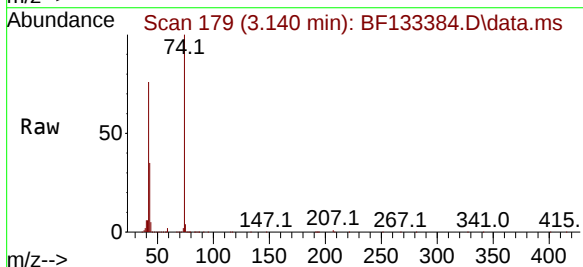
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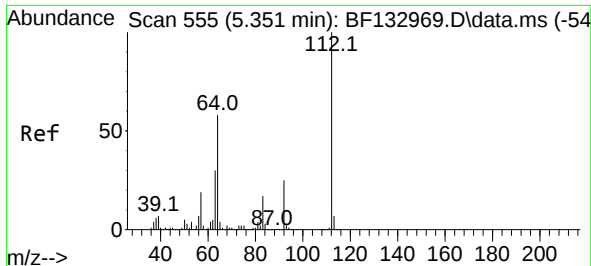
Tgt Ion: 79 Resp: 723831
 Ion Ratio Lower Upper
 79 100
 52 79.2 64.6 96.8
 51 36.9 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 40.402 ng
 RT: 3.140 min Scan# 179
 Delta R.T. 0.118 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

Tgt Ion: 42 Resp: 403479
 Ion Ratio Lower Upper
 42 100
 74 132.1 98.0 147.0
 44 7.0 5.8 8.8

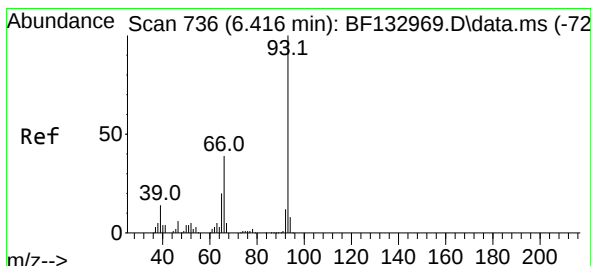
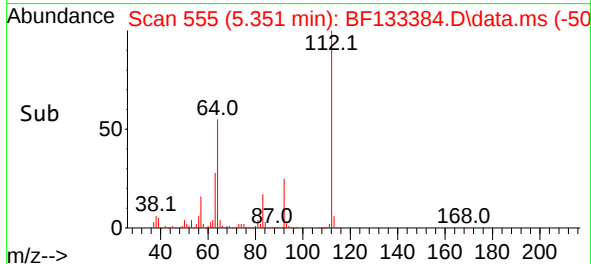
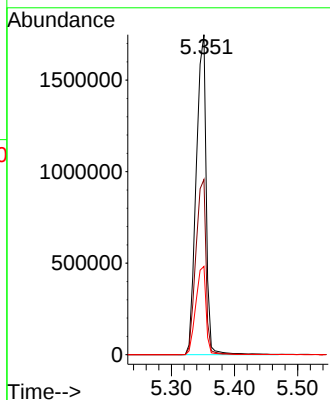
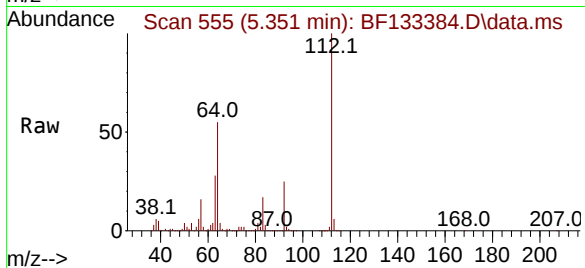




#5
2-Fluorophenol
Concen: 122.405 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

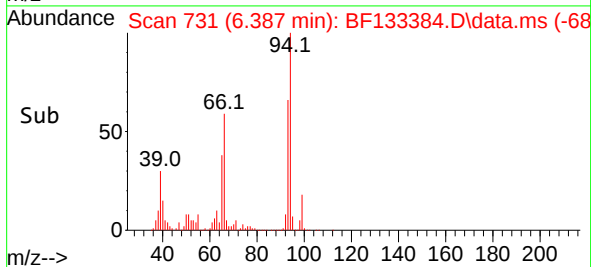
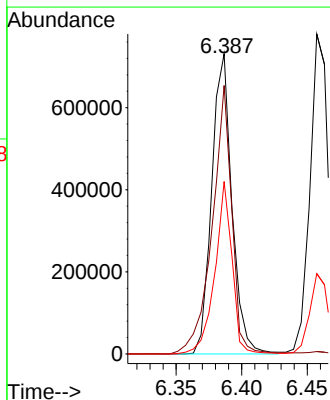
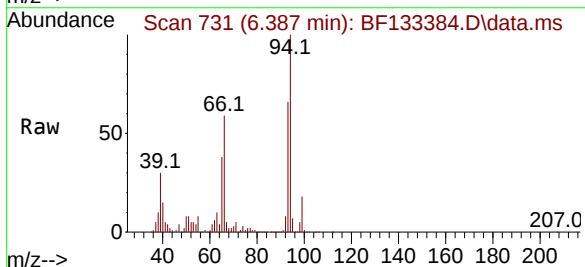
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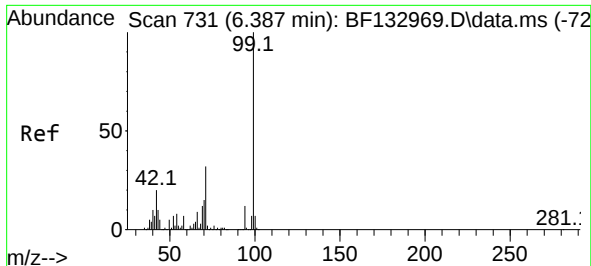
Tgt Ion:112 Resp: 1915692
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 27.6 23.8 35.8



#6
Aniline
Concen: 31.352 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133384.D
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Tgt Ion: 93 Resp: 784421
Ion Ratio Lower Upper
93 100
66 89.5 31.5 47.3#
65 57.5 16.4 24.6#





#7

Phenol-d6

Concen: 117.742 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

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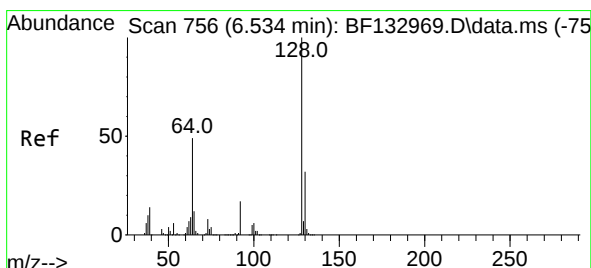
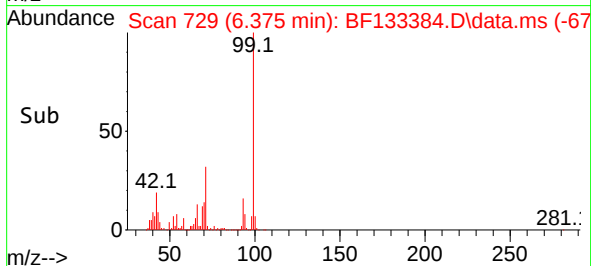
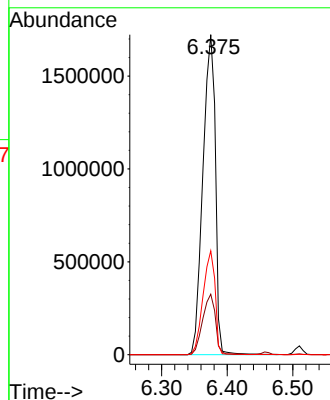
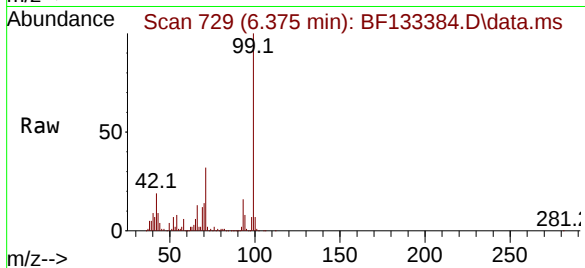
Tgt Ion: 99 Resp: 2287201

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 32.5 25.6 38.4



#8

2-Chlorophenol

Concen: 49.163 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

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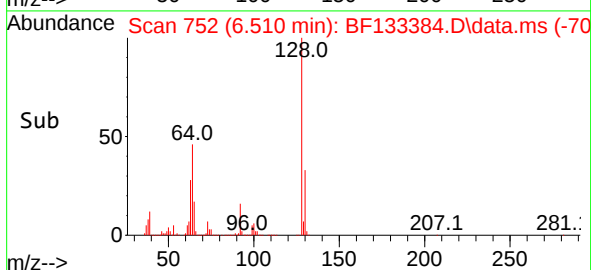
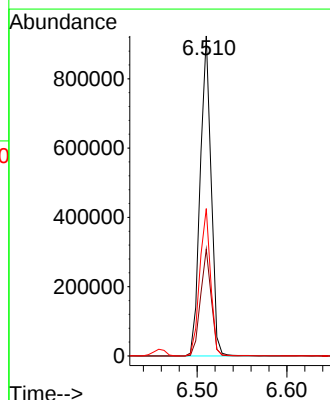
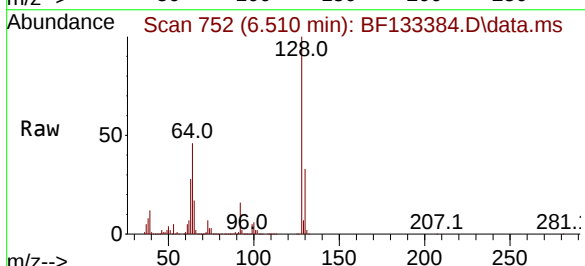
Tgt Ion:128 Resp: 781222

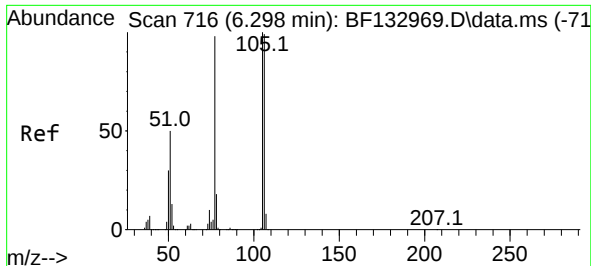
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 46.0 30.3 70.3





#9

Benzaldehyde

Concen: 52.674 ng

RT: 6.269 min Scan# 711

Delta R.T. 0.000 min

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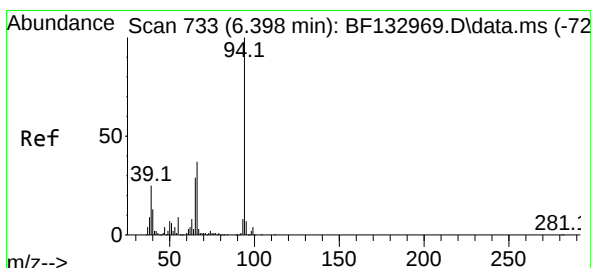
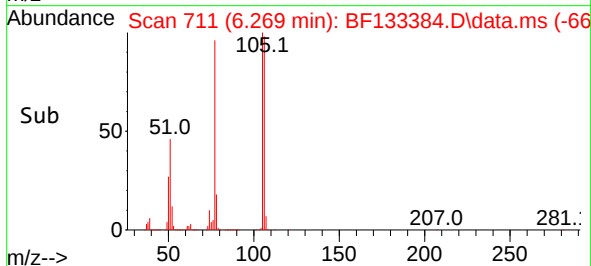
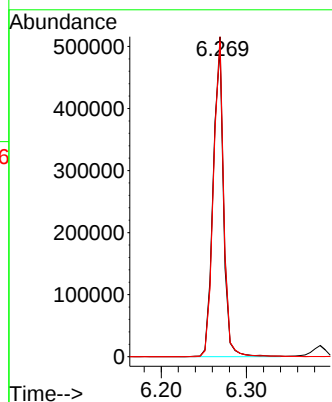
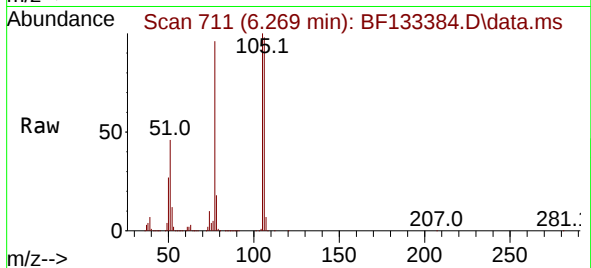
Tgt Ion: 77 Resp: 424130

Ion Ratio Lower Upper

77 100

105 104.1 82.3 122.3

106 102.5 80.8 120.8



#10

Phenol

Concen: 41.611 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF133384.D

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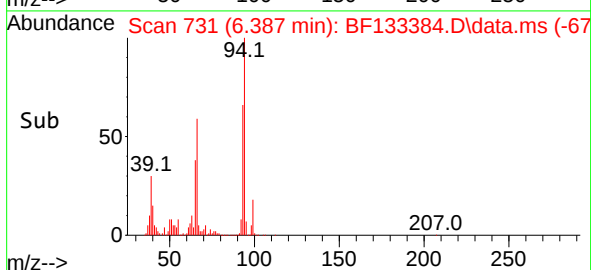
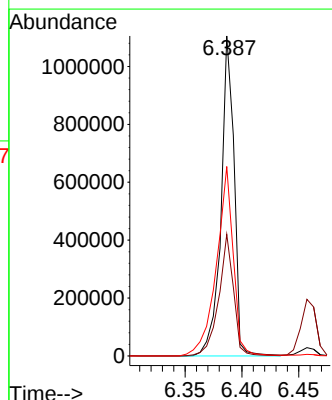
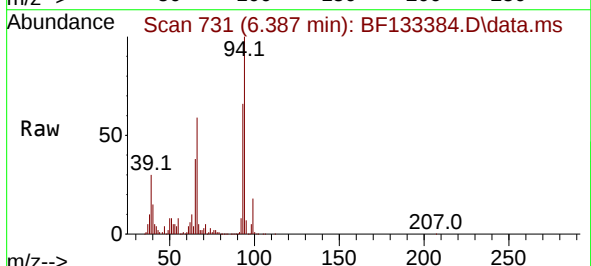
Tgt Ion: 94 Resp: 891723

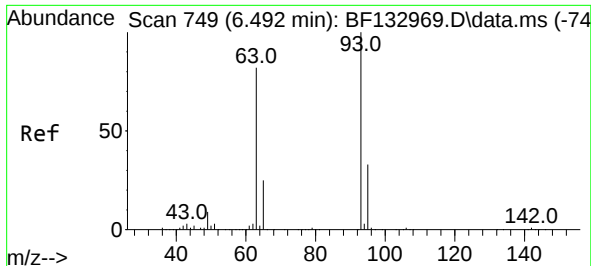
Ion Ratio Lower Upper

94 100

65 38.0 8.6 48.6

66 59.2 17.3 57.3#

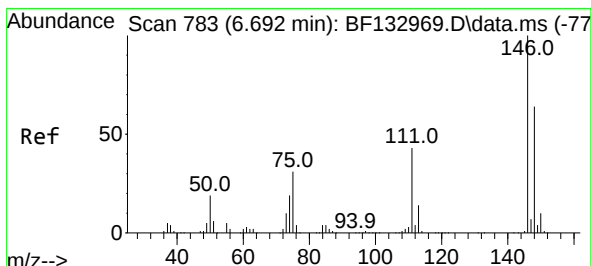
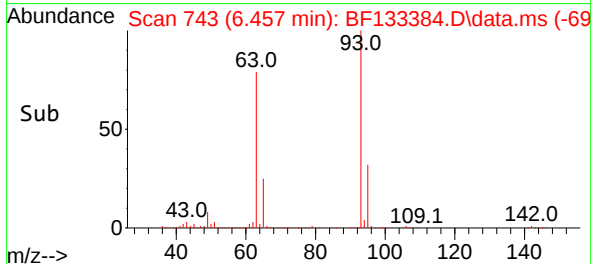
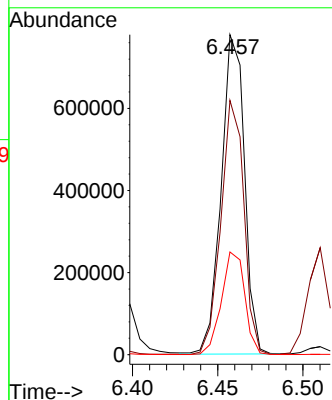
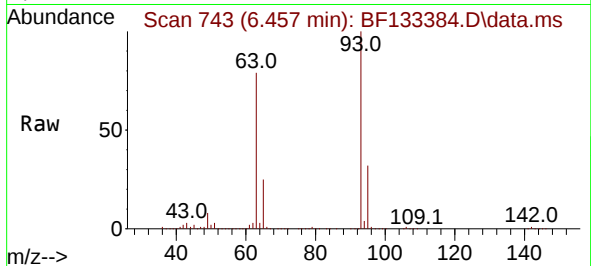




#11
bis(2-Chloroethyl)ether
Concen: 46.048 ng
RT: 6.457 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

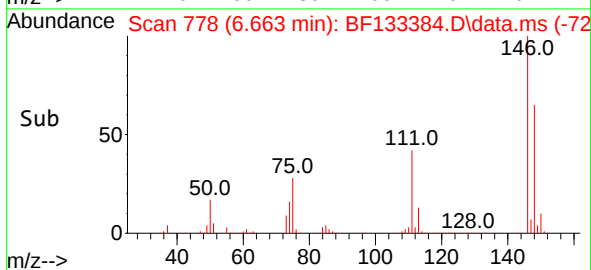
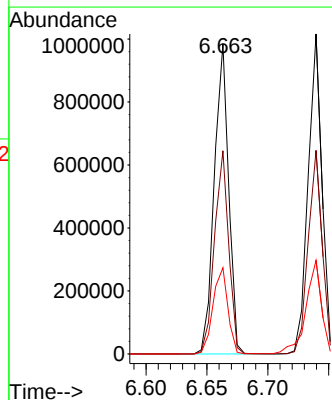
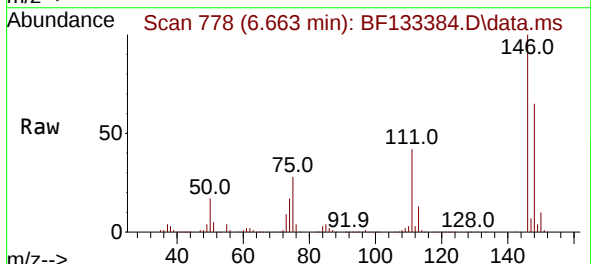
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

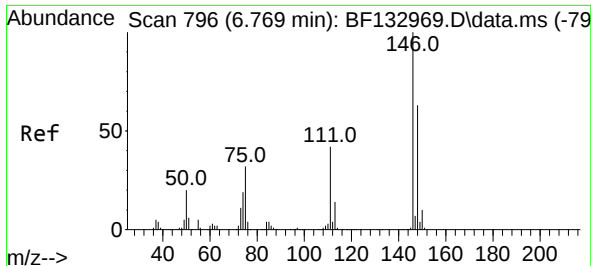
Tgt Ion: 93 Resp: 740513
Ion Ratio Lower Upper
93 100
63 79.4 60.6 100.6
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.716 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:146 Resp: 806129
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 27.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.729 ng

RT: 6.740 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

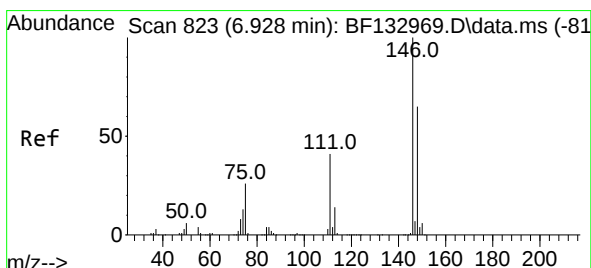
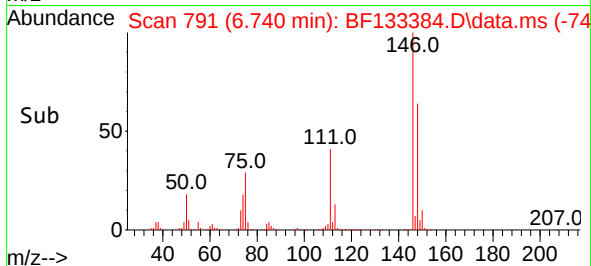
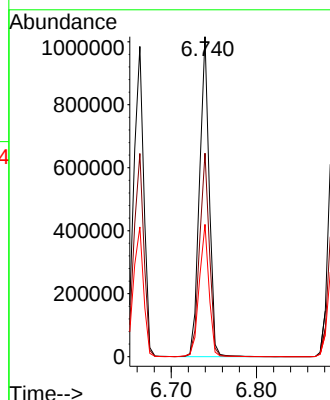
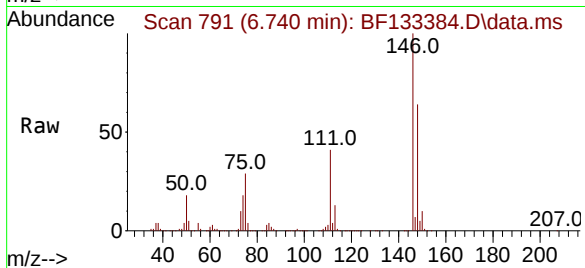
Tgt Ion:146 Resp: 808134

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 49.931 ng

RT: 6.892 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

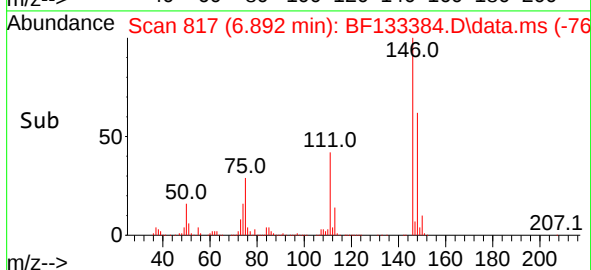
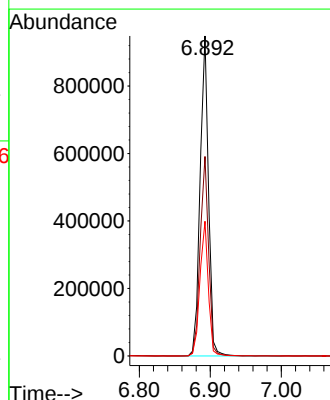
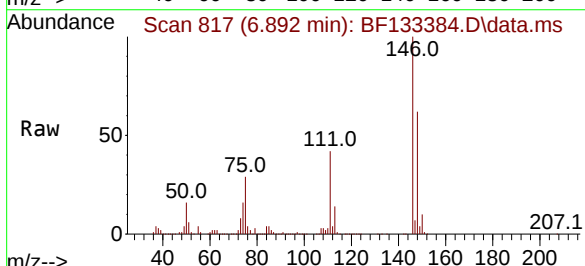
Tgt Ion:146 Resp: 779433

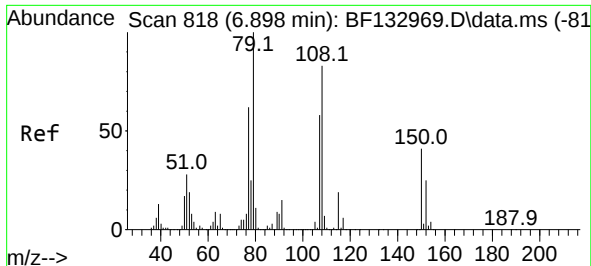
Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.2

111 42.1 32.8 49.2

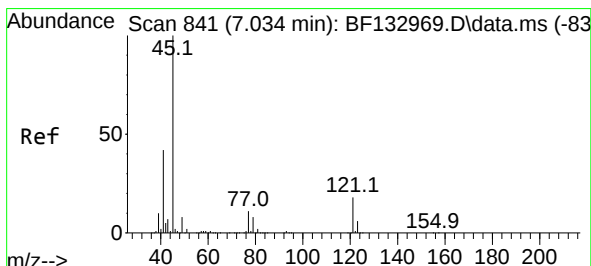
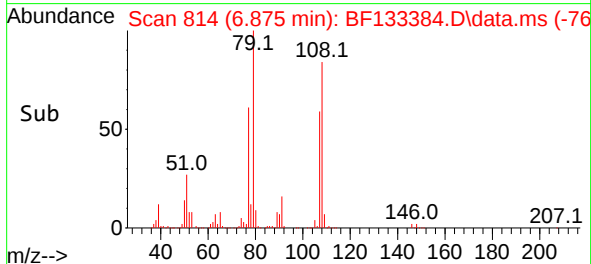
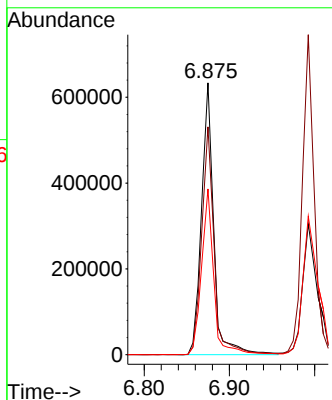
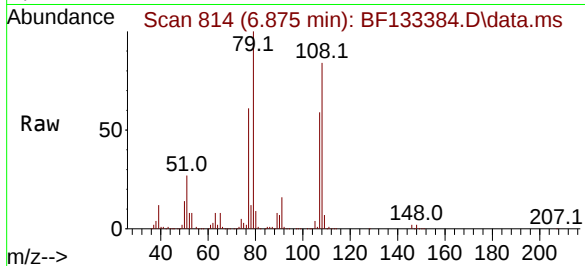




#15
Benzyl Alcohol
Concen: 46.895 ng
RT: 6.875 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

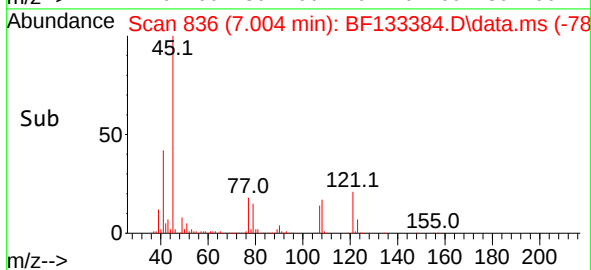
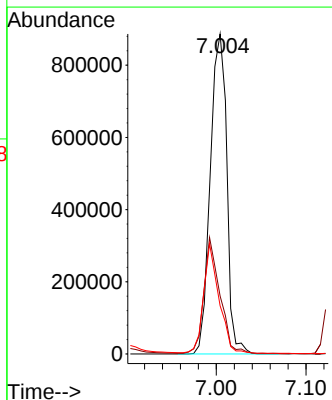
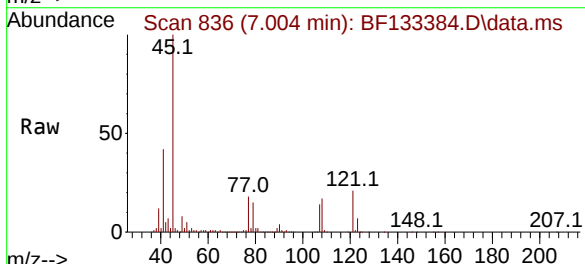
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

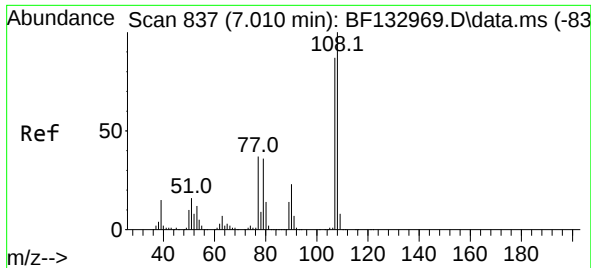
Tgt Ion: 79 Resp: 629260
Ion Ratio Lower Upper
79 100
108 83.8 66.6 99.8
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.509 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion: 45 Resp: 1131456
Ion Ratio Lower Upper
45 100
77 18.1 0.0 31.5
79 15.1 0.0 28.7

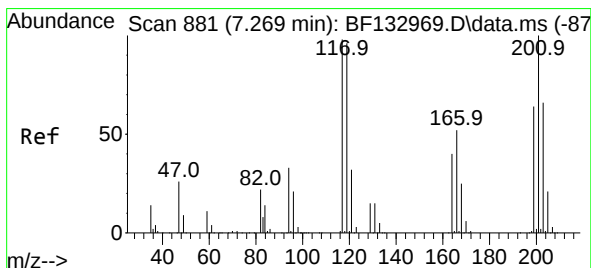
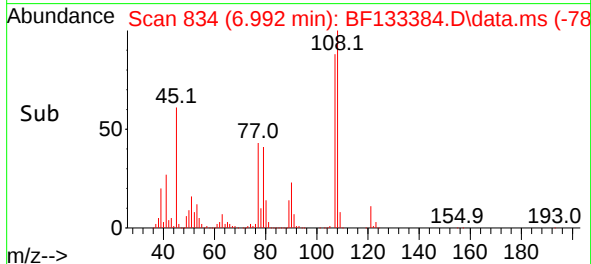
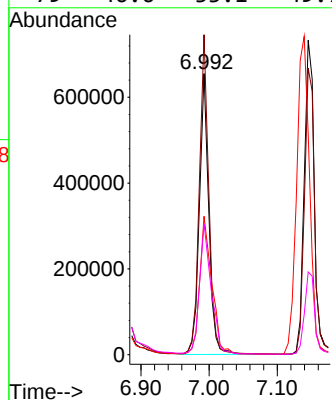
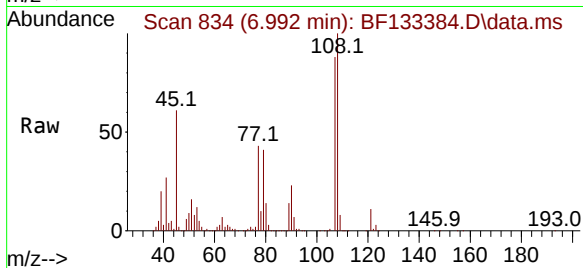




#17
2-Methylphenol
Concen: 43.390 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

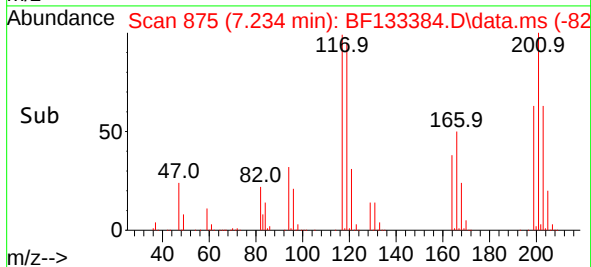
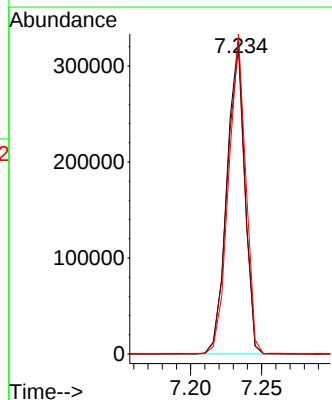
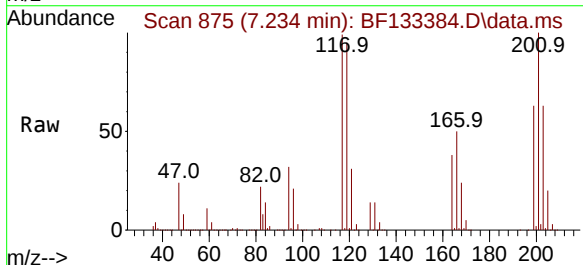
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

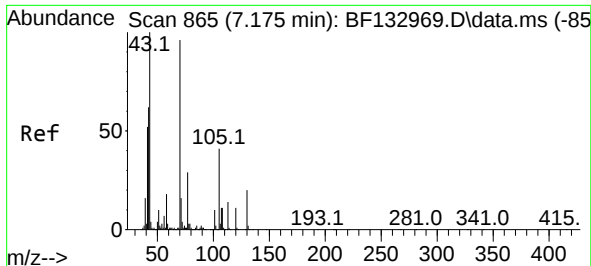
Tgt Ion:	107	Resp:	631340
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.4	138.6
77	49.2	33.8	50.8
79	46.6	33.1	49.7



#18
Hexachloroethane
Concen: 48.463 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:	117	Resp:	285287
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.4
201	101.2	81.7	122.5

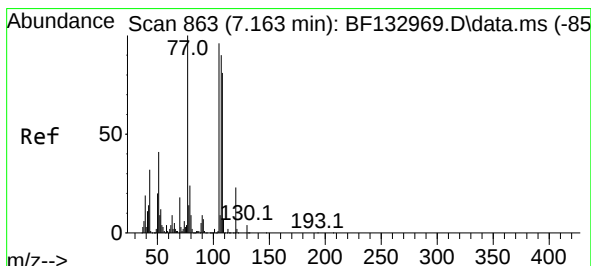
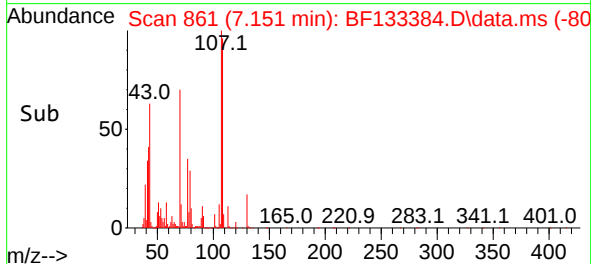
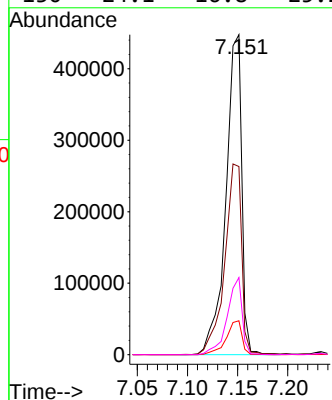
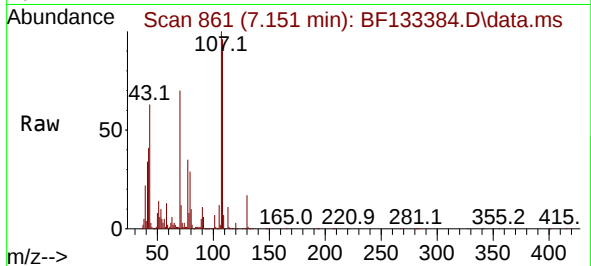




#19
n-Nitroso-di-n-propylamine
Concen: 40.722 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

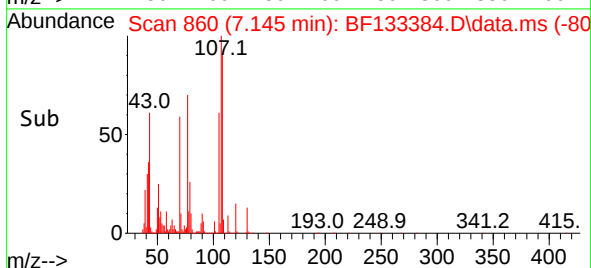
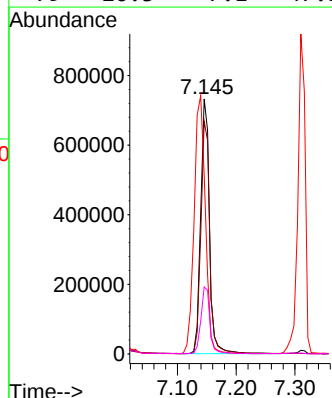
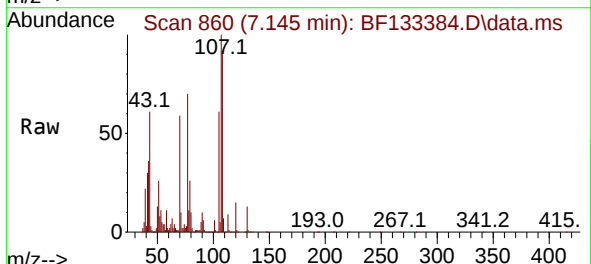
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

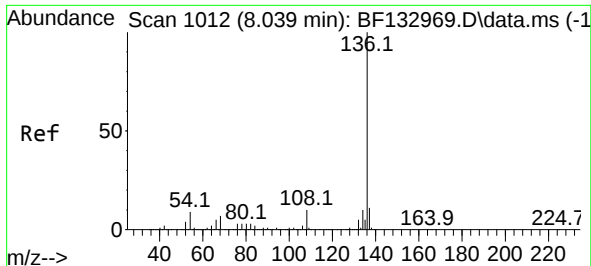
Tgt Ion: 70 Resp: 492473
Ion Ratio Lower Upper
70 100
42 58.8 51.8 77.6
101 10.6 8.0 12.0
130 24.1 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.354 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion: 107 Resp: 760027
Ion Ratio Lower Upper
107 100
108 91.2 70.5 110.5
77 70.2 91.7 131.7#
79 26.3 7.1 47.1

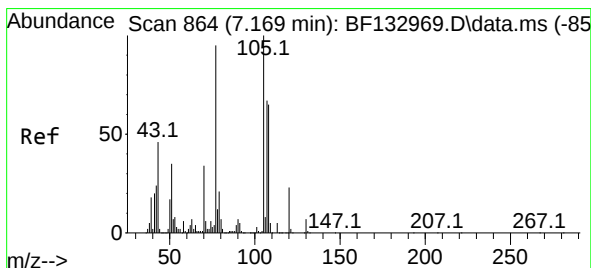
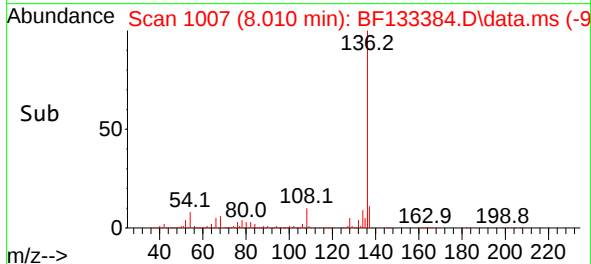
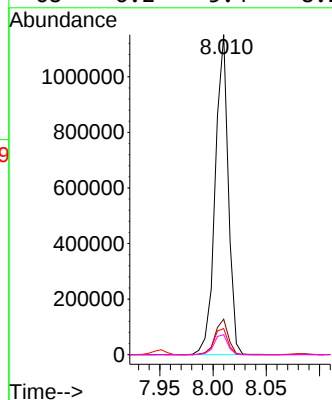
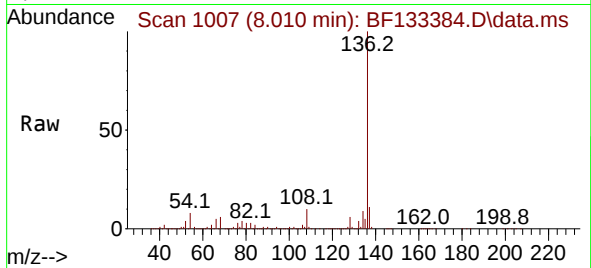




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

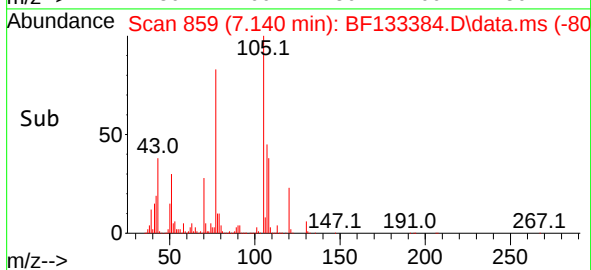
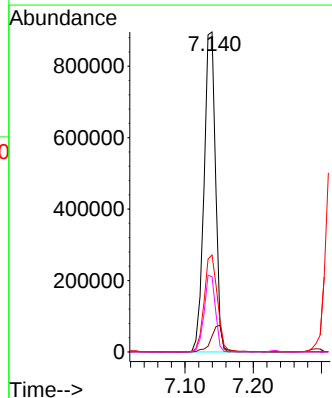
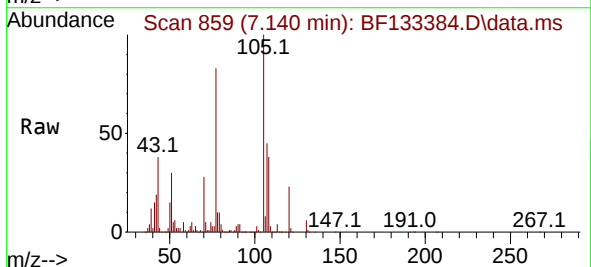
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

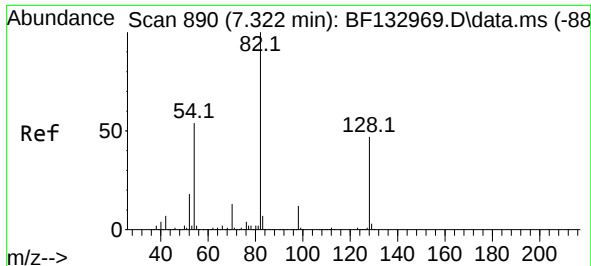
Tgt Ion:136 Resp: 980297
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 7.0 10.4
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 46.482 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:105 Resp: 1055518
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 30.3 28.2 42.2
120 23.5 18.4 27.6

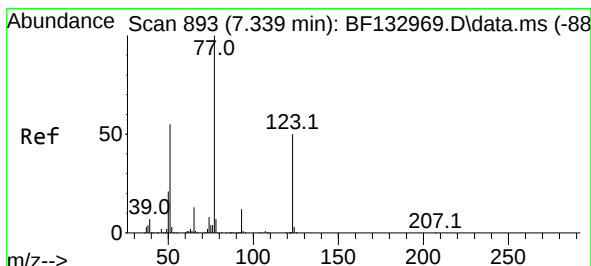
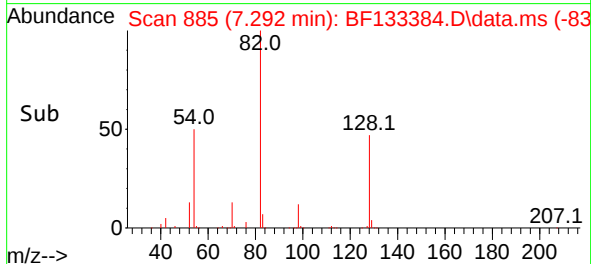
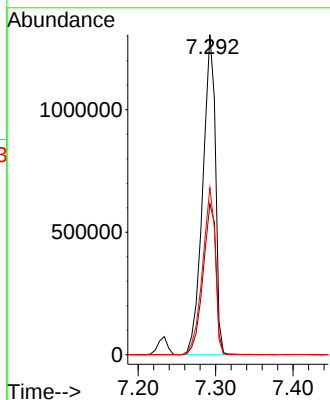
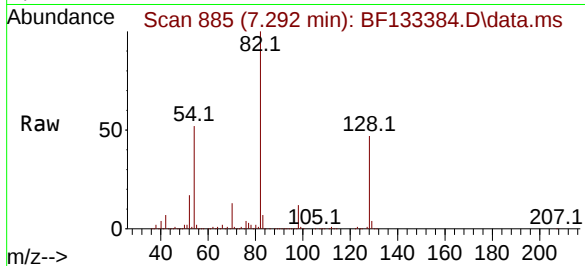




#23
Nitrobenzene-d5
Concen: 82.036 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

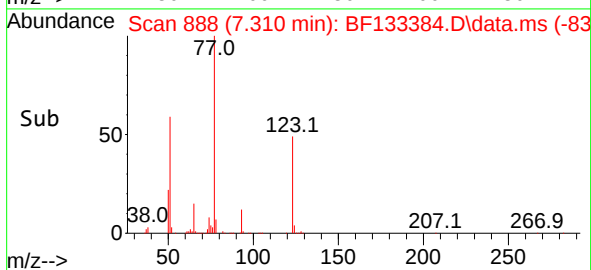
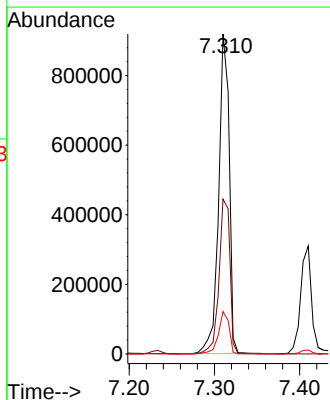
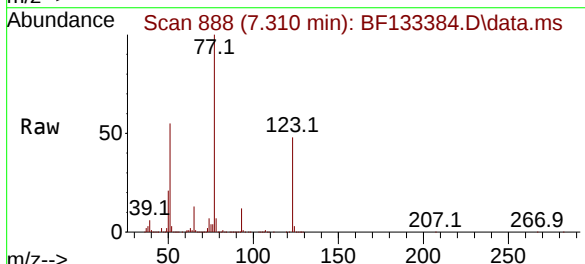
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

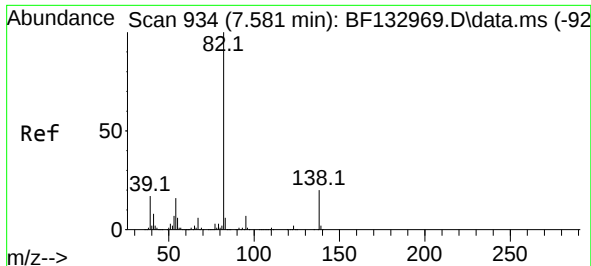
Tgt Ion: 82 Resp: 1489898
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 52.2 43.0 64.4



#24
Nitrobenzene
Concen: 42.972 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion: 77 Resp: 790831
Ion Ratio Lower Upper
77 100
123 48.4 39.9 59.9
65 13.3 10.7 16.1

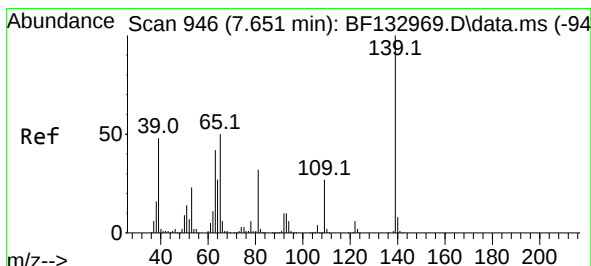
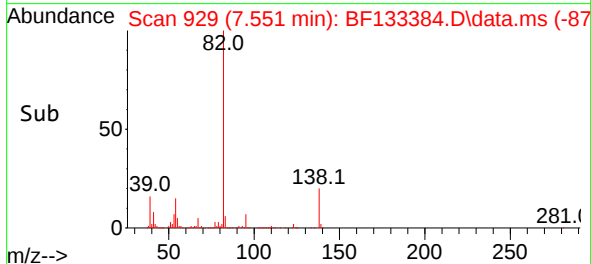
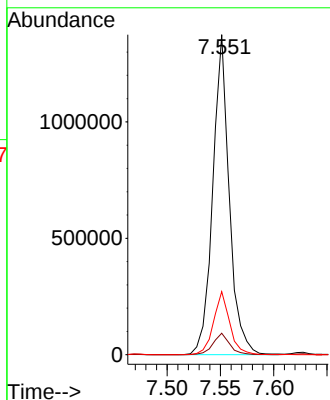
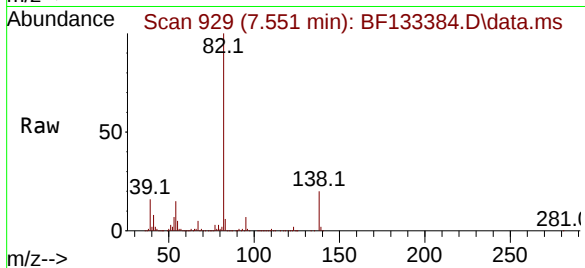




#25
Isophorone
Concen: 42.908 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

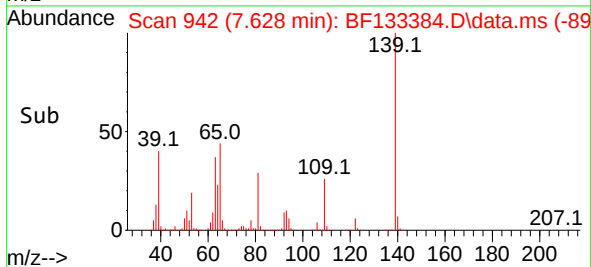
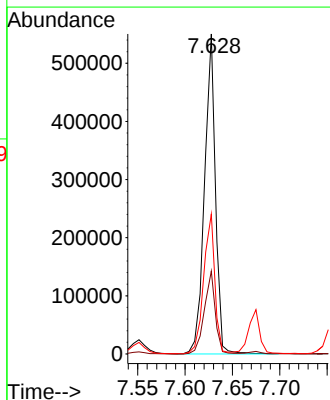
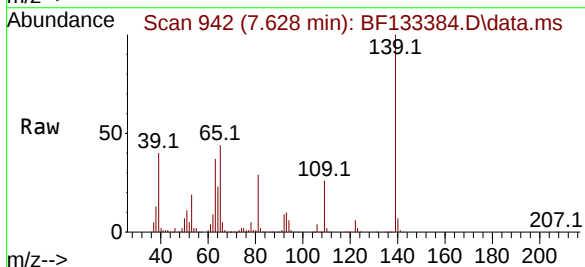
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

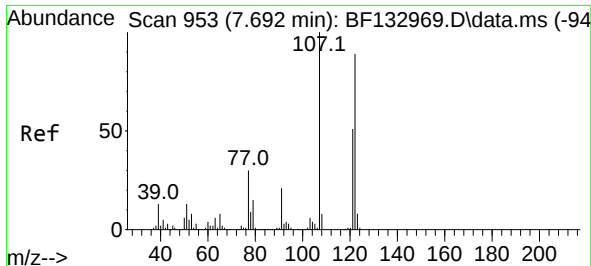
Tgt Ion: 82 Resp: 1479584
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.7 16.0 24.0



#26
2-Nitrophenol
Concen: 49.811 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:139 Resp: 442150
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 43.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.595 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

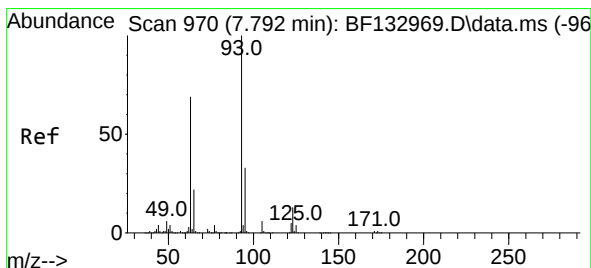
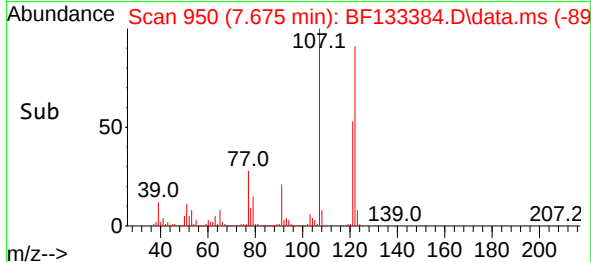
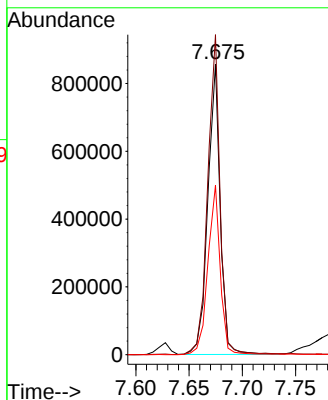
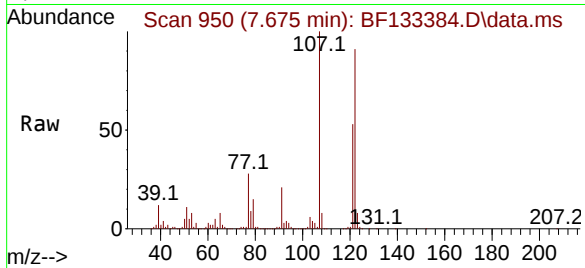
Tgt Ion:122 Resp: 693986

Ion Ratio Lower Upper

122 100

107 110.2 89.7 134.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.558 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

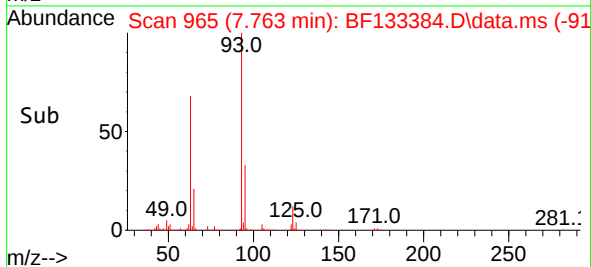
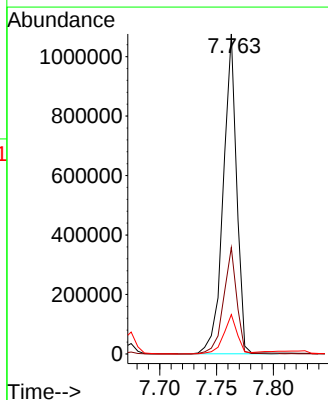
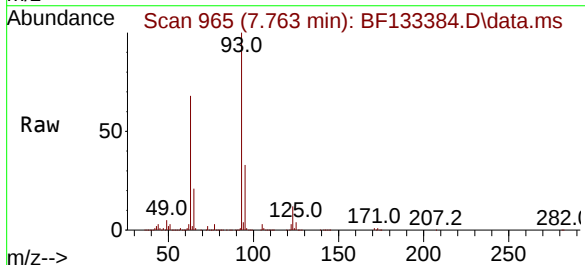
Tgt Ion: 93 Resp: 888547

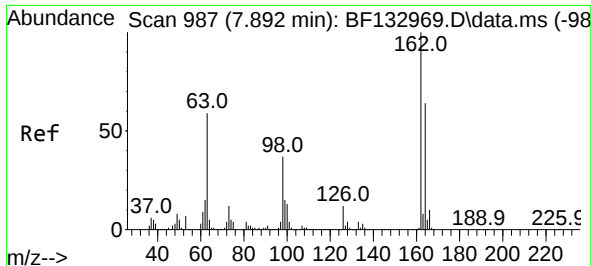
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.425 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

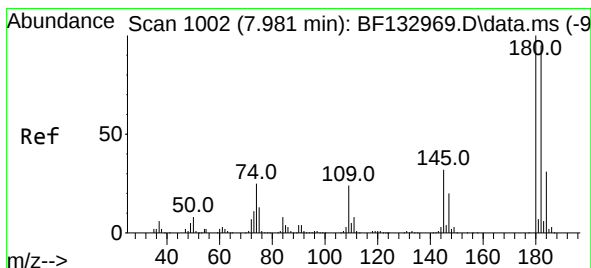
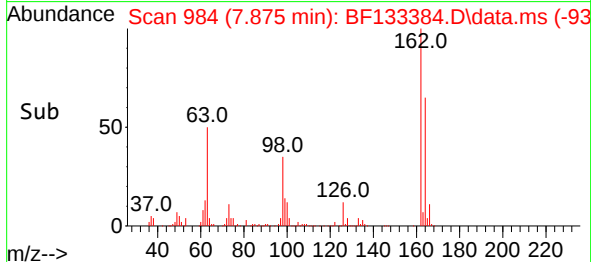
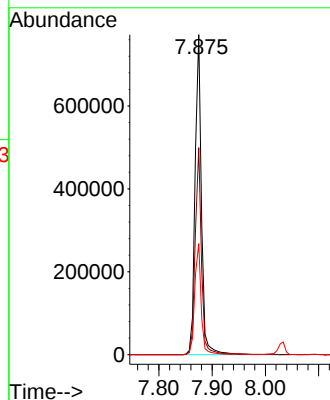
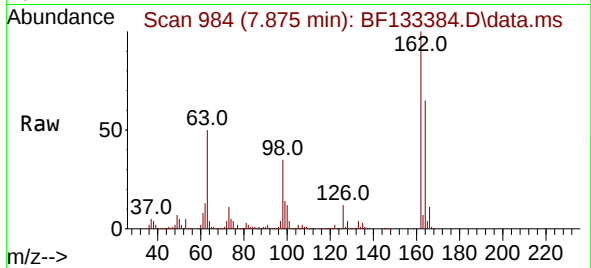
Tgt Ion:162 Resp: 643269

Ion Ratio Lower Upper

162 100

164 64.7 43.9 83.9

98 34.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 46.453 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

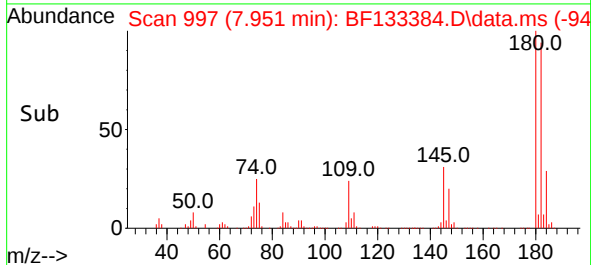
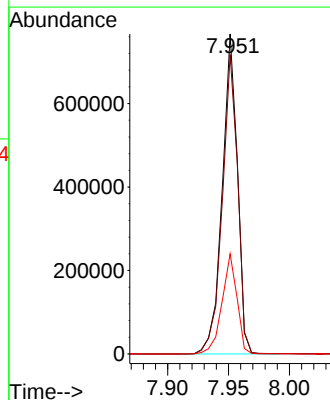
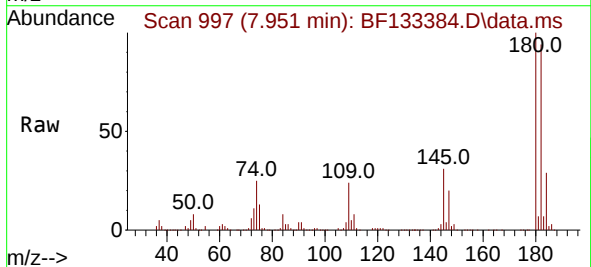
Tgt Ion:180 Resp: 666833

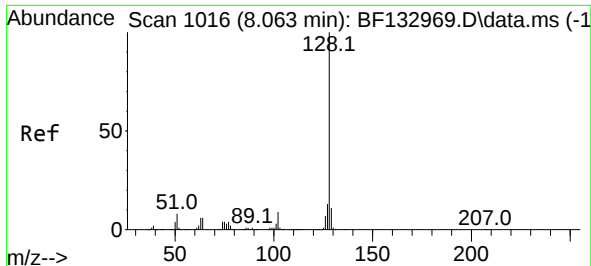
Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

145 31.3 25.3 37.9

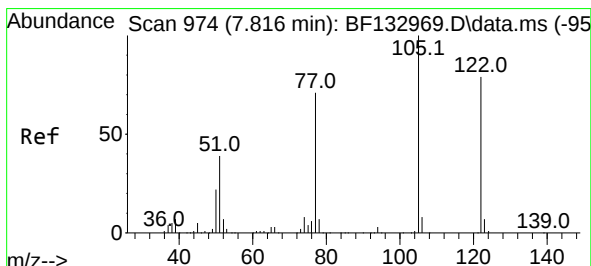
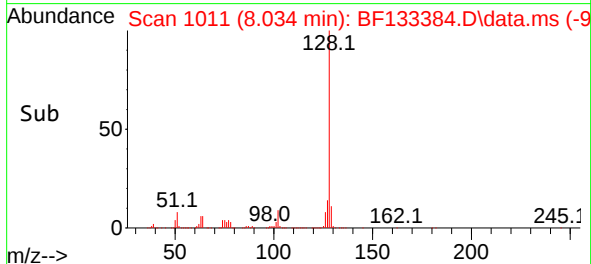
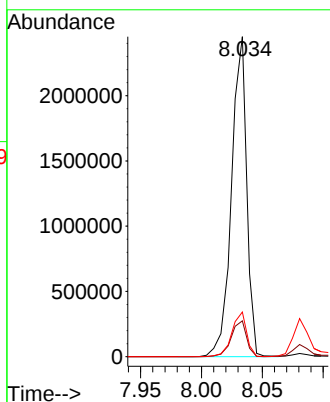
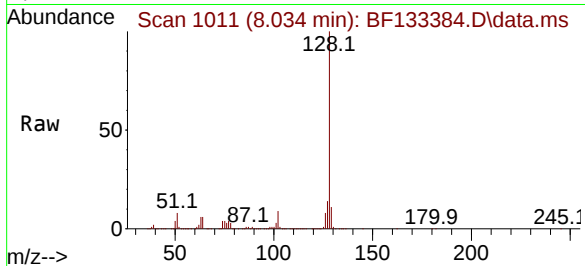




#31
Naphthalene
Concen: 43.502 ng
RT: 8.034 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

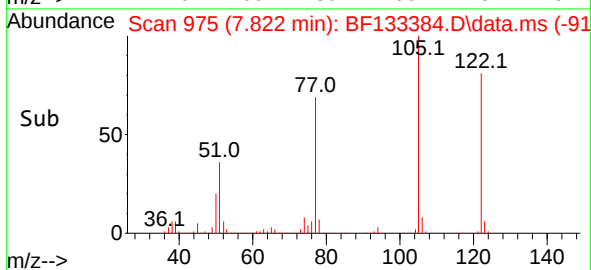
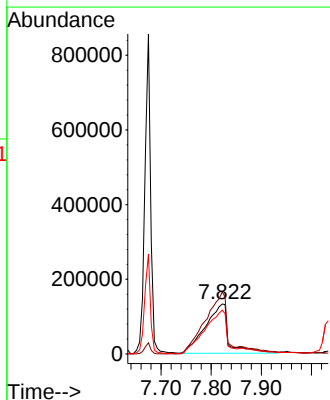
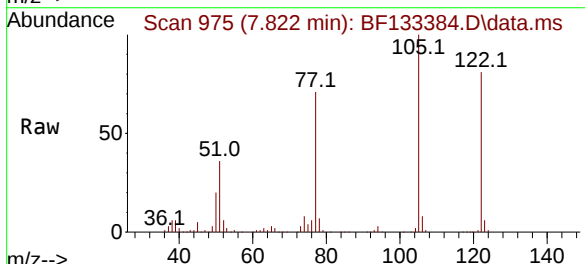
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

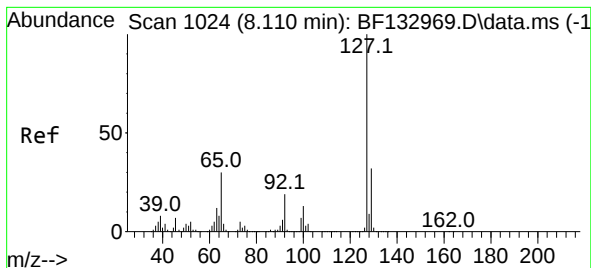
Tgt Ion:128 Resp: 2132124
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 46.148 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.029 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:122 Resp: 433869
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 87.8 69.7 109.7





#33

4-Chloroaniline

Concen: 14.377 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:127 Resp: 284695

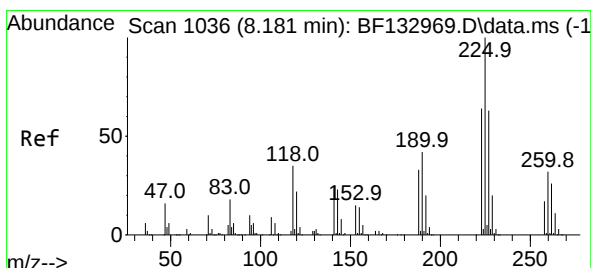
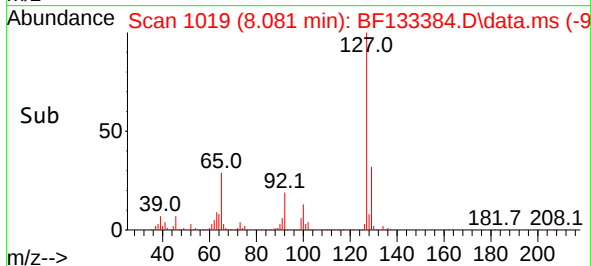
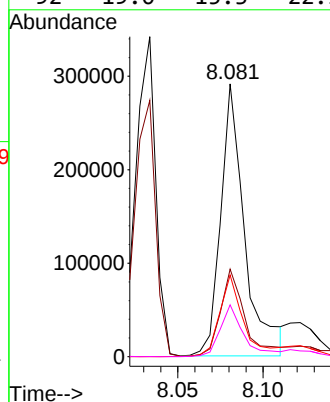
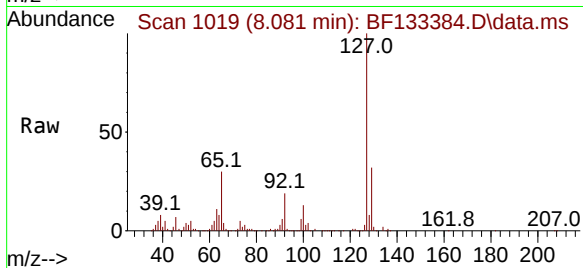
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 29.9 23.6 35.4

92 19.0 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.948 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

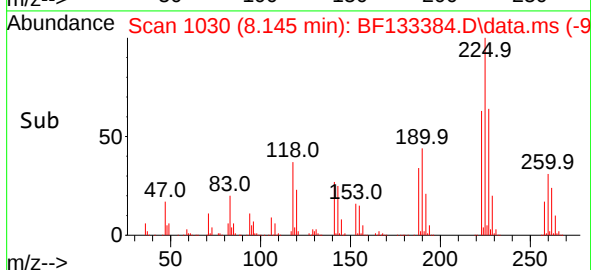
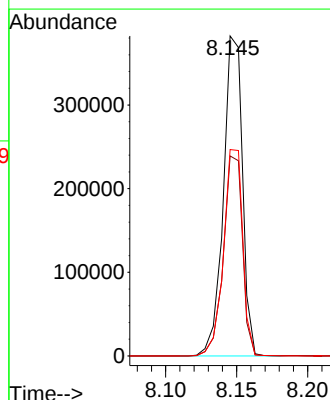
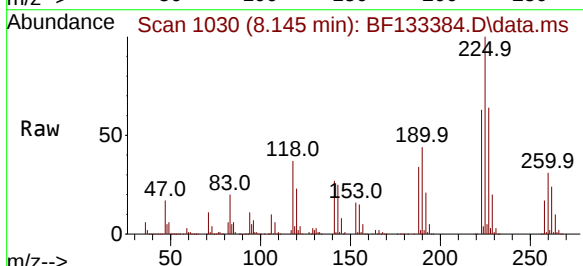
Tgt Ion:225 Resp: 357609

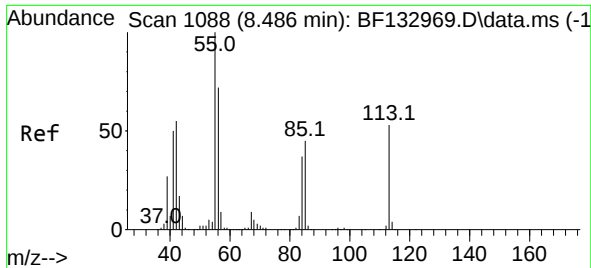
Ion Ratio Lower Upper

225 100

223 62.5 50.9 76.3

227 64.5 50.3 75.5

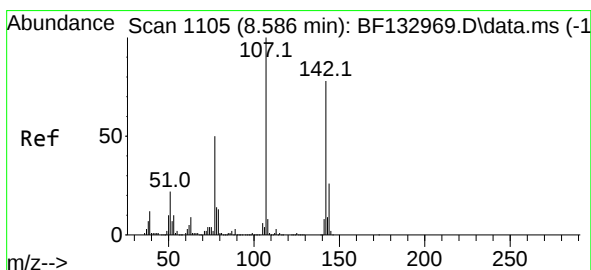
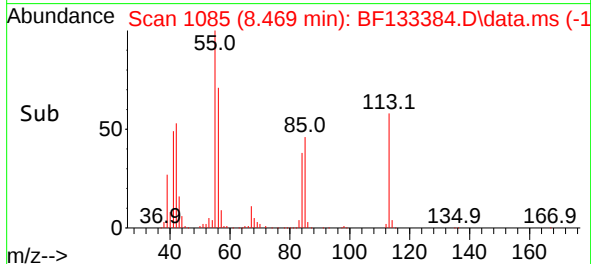
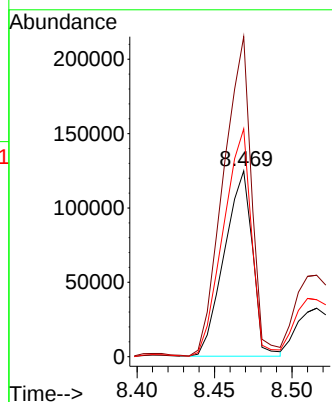
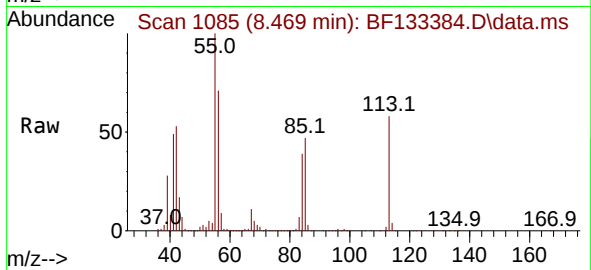




#35
 Caprolactam
 Concen: 33.813 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

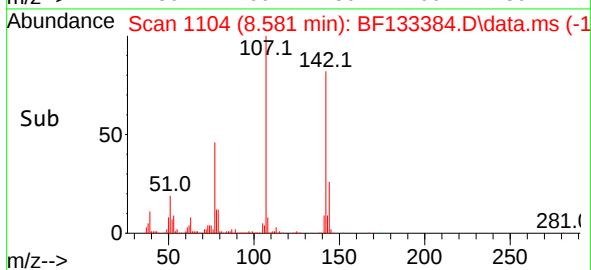
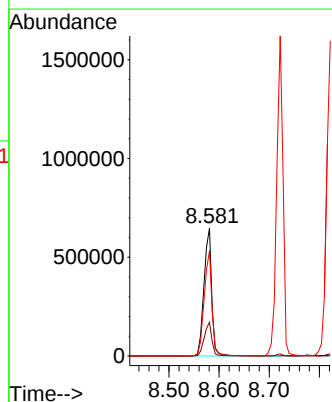
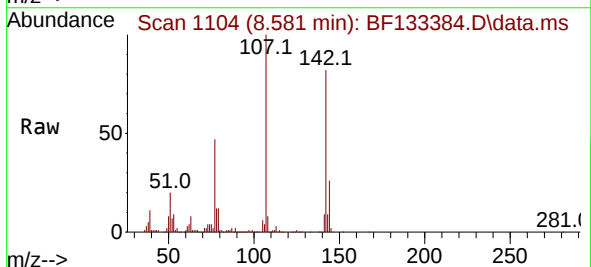
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BSD

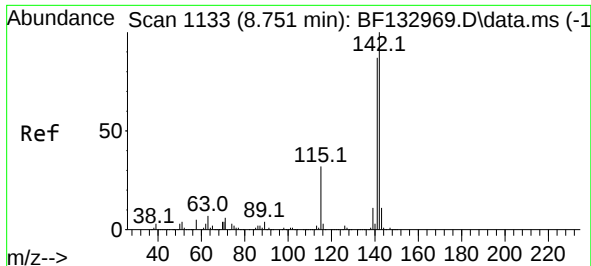
Tgt Ion:113 Resp: 157392
 Ion Ratio Lower Upper
 113 100
 55 172.3 167.1 207.1
 56 122.7 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.633 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

Tgt Ion:107 Resp: 696794
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 82.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.128 ng

RT: 8.722 min Scan# 111

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

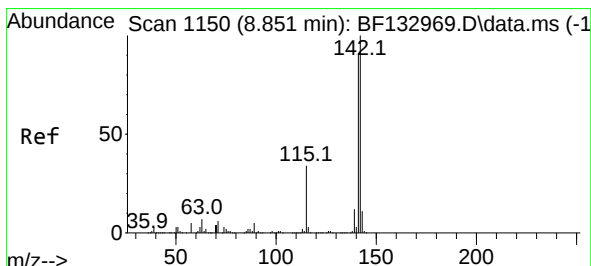
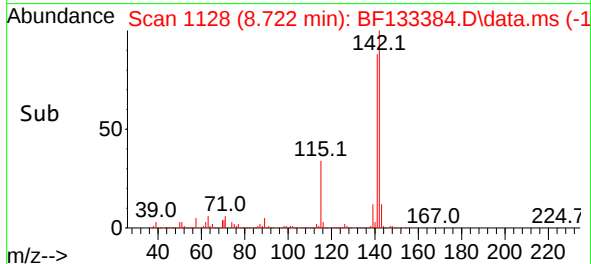
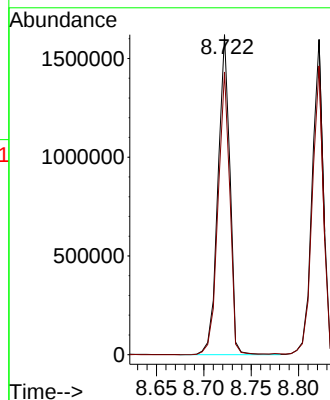
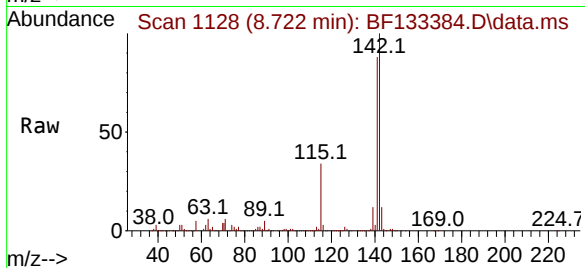
PB152781BSD

Tgt Ion:142 Resp: 1411616

Ion Ratio Lower Upper

142 100

141 88.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 41.795 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133384.D

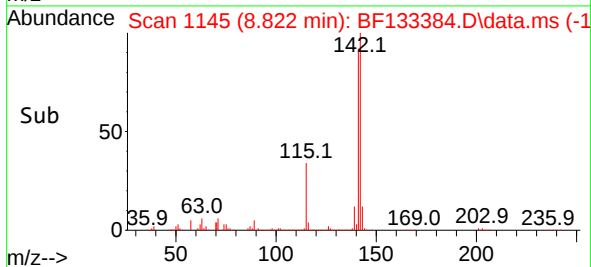
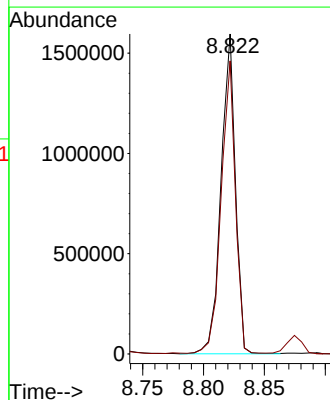
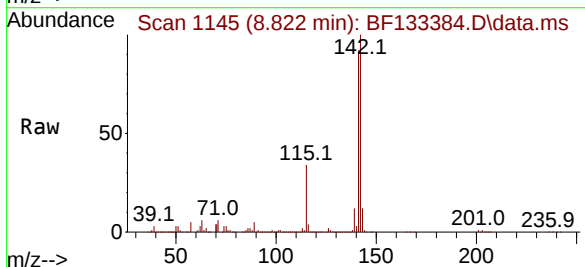
Acq: 15 May 2023 13:58

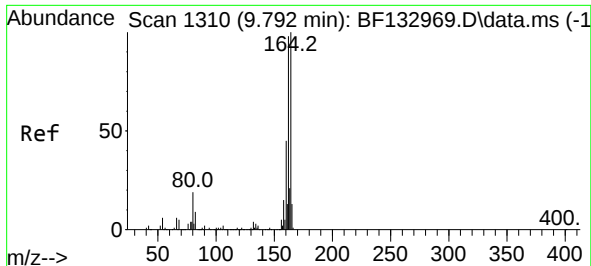
Tgt Ion:142 Resp: 1310129

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

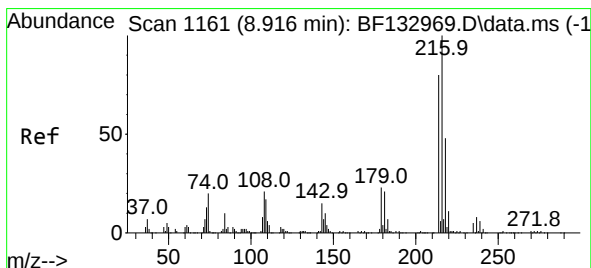
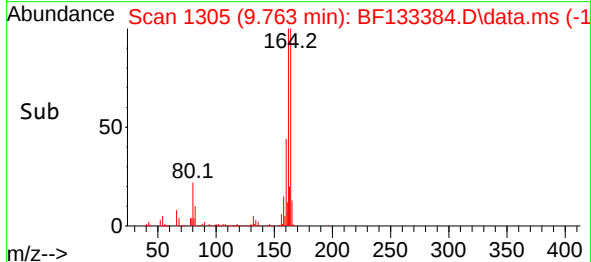
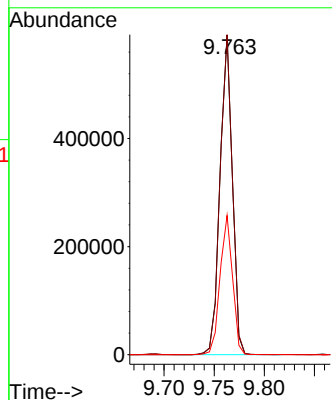
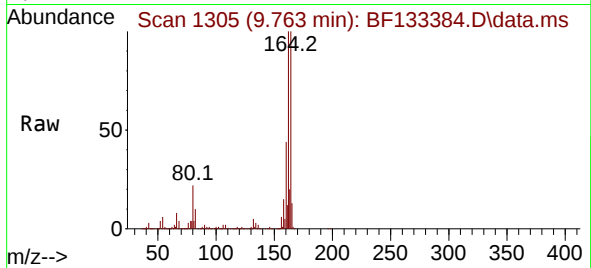




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

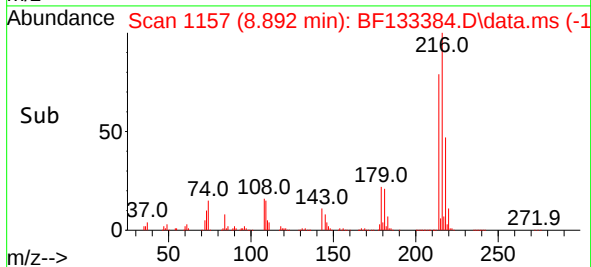
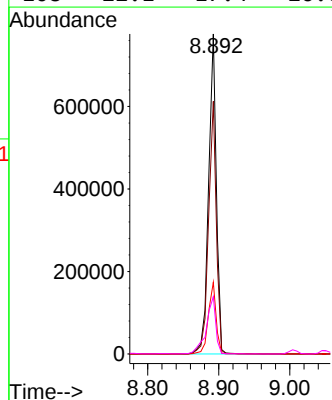
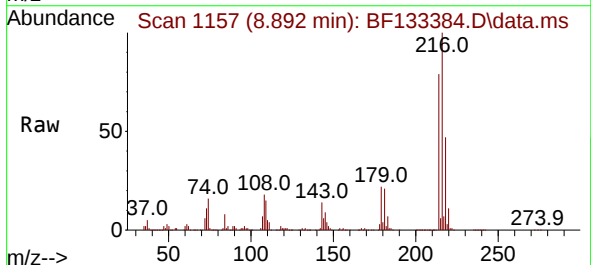
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

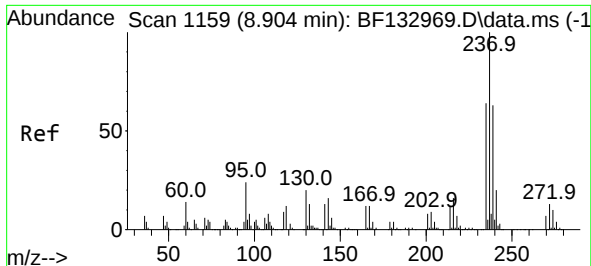
Tgt Ion:164 Resp: 505029
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 43.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.617 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:216 Resp: 592268
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.4 17.4 26.2
108 22.1 17.4 26.0

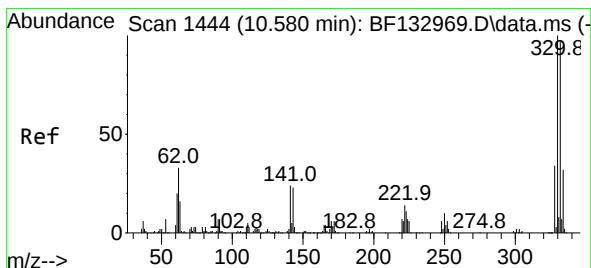
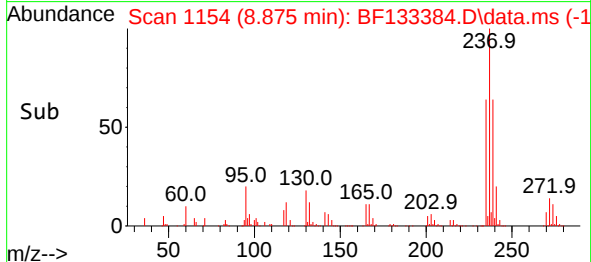
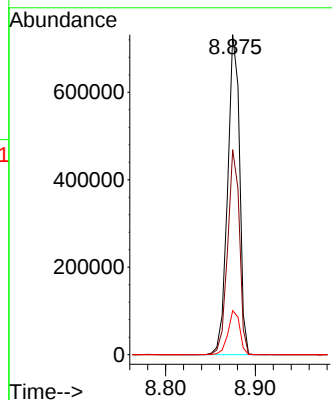
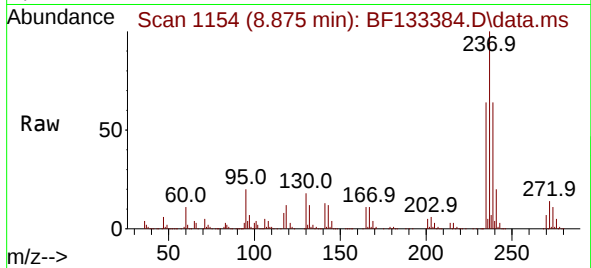




#41
Hexachlorocyclopentadiene
Concen: 85.482 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

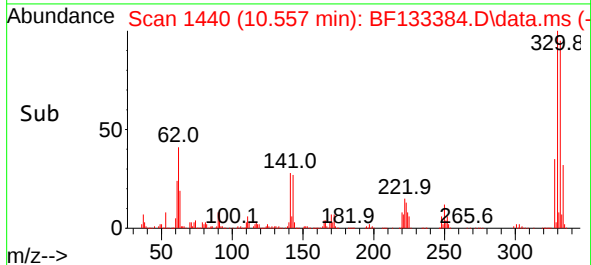
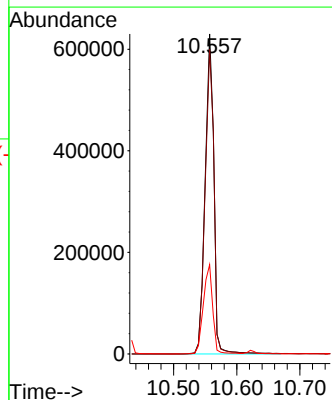
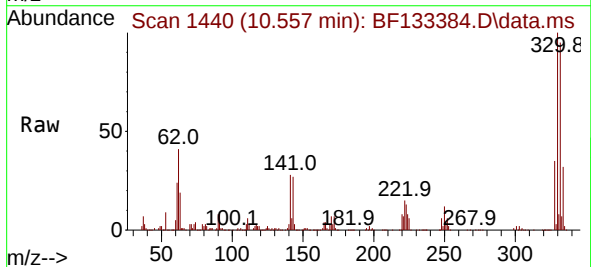
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

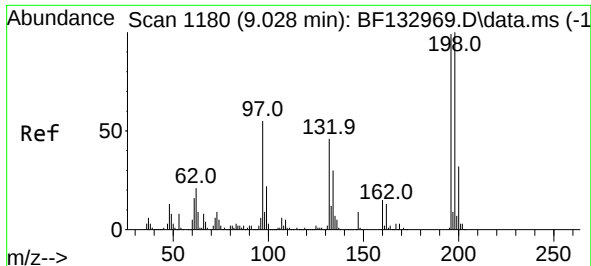
Tgt Ion:237 Resp: 676951
Ion Ratio Lower Upper
237 100
235 64.1 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 118.943 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:330 Resp: 604117
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.7 25.8 38.8

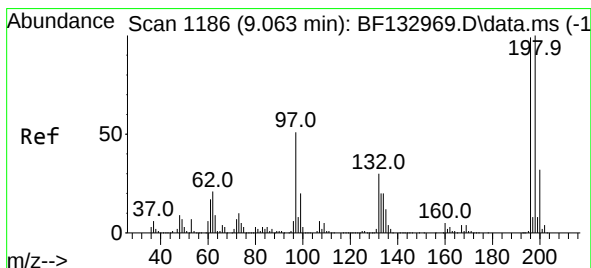
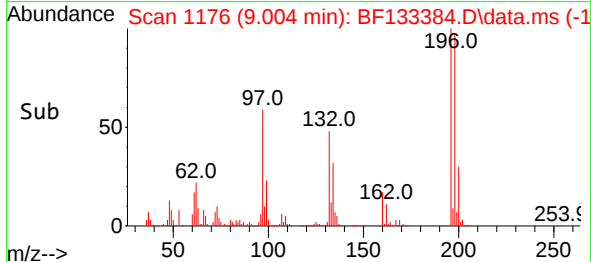
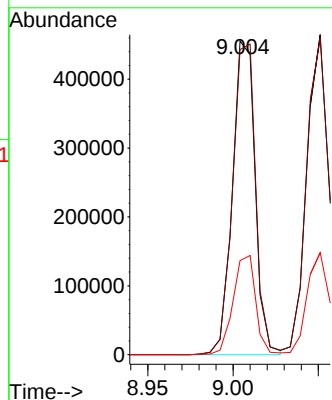
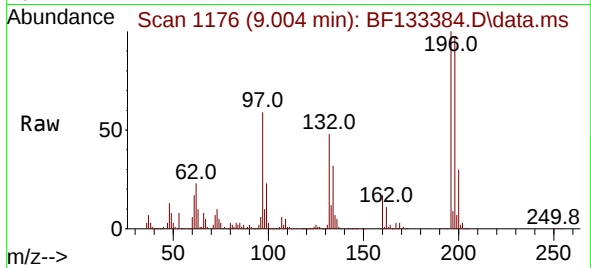




#43
2,4,6-Trichlorophenol
Concen: 44.775 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

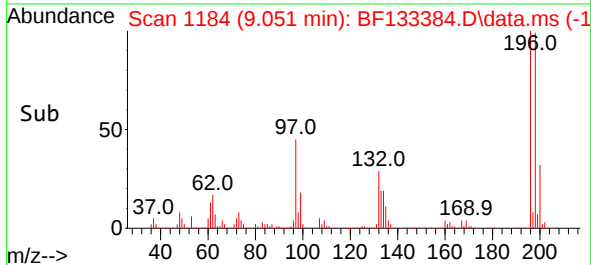
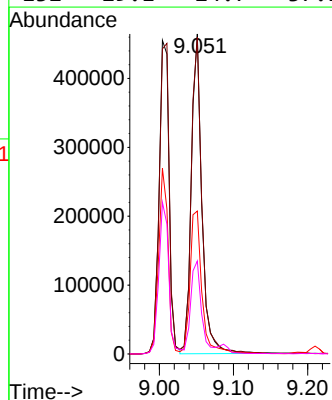
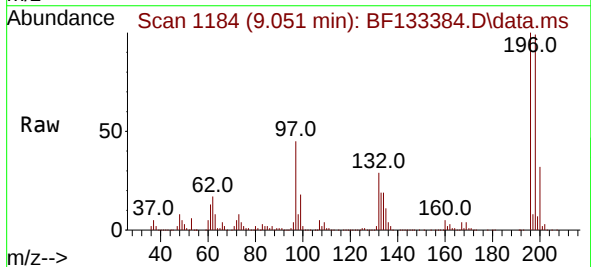
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

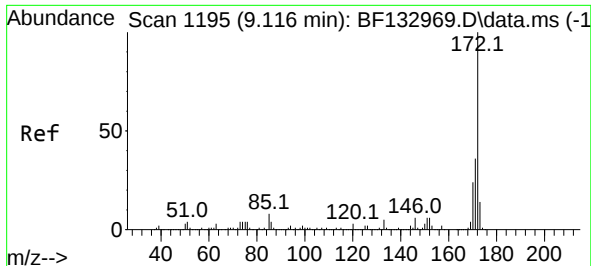
Tgt Ion:196 Resp: 420466
Ion Ratio Lower Upper
196 100
198 97.3 81.0 121.6
200 30.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 42.566 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:196 Resp: 462293
Ion Ratio Lower Upper
196 100
198 99.0 80.9 121.3
97 44.7 41.3 61.9
132 29.1 24.7 37.1

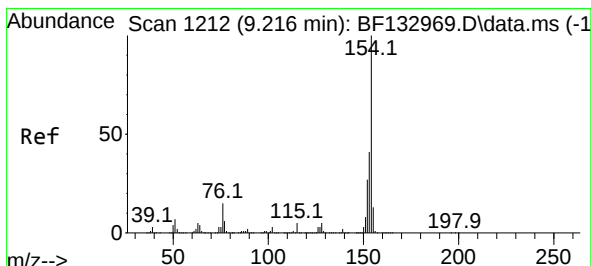
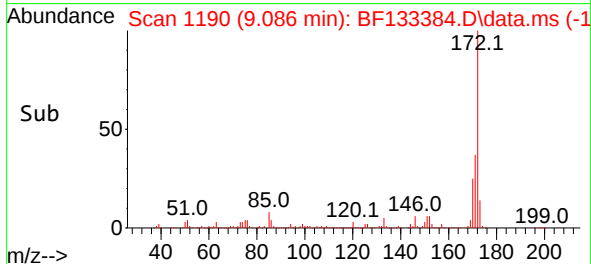
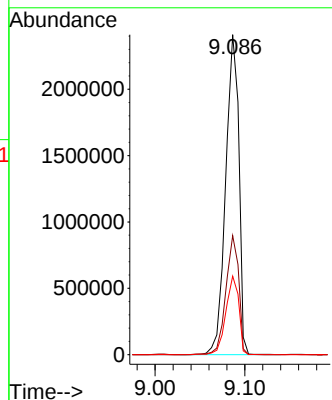
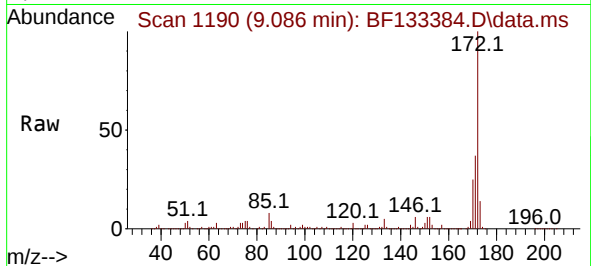




#45
2-Fluorobiphenyl
Concen: 81.593 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

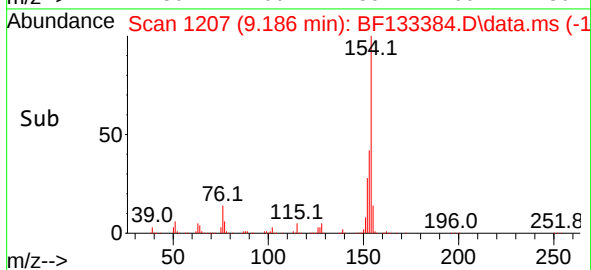
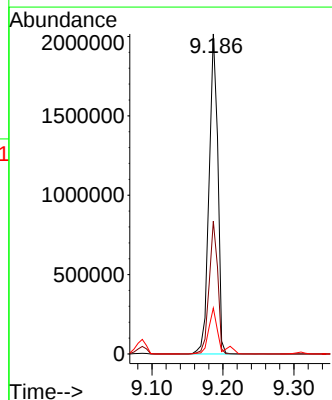
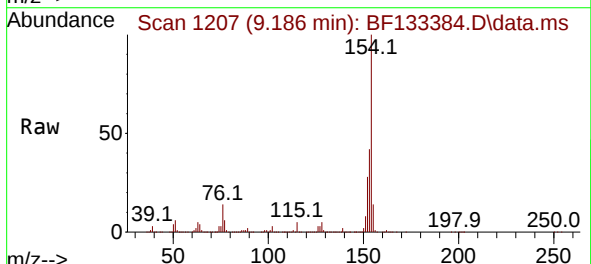
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

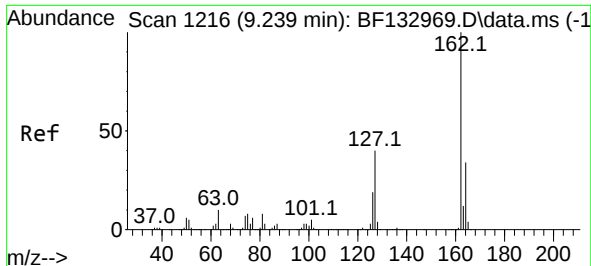
Tgt Ion:172 Resp: 2463043
Ion Ratio Lower Upper
172 100
171 37.2 28.8 43.2
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 43.055 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:154 Resp: 1724200
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 14.3 0.0 34.5

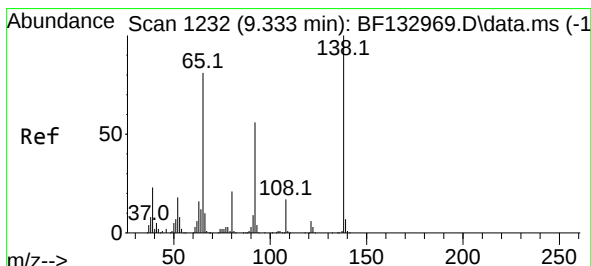
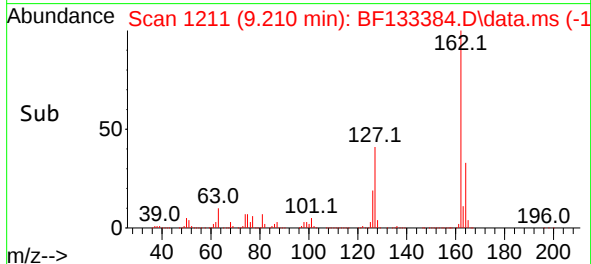
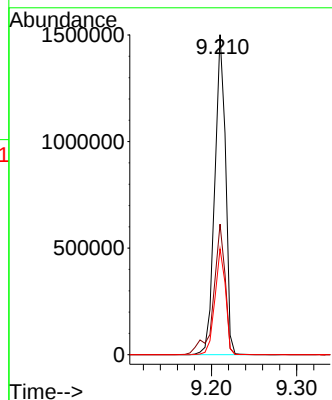
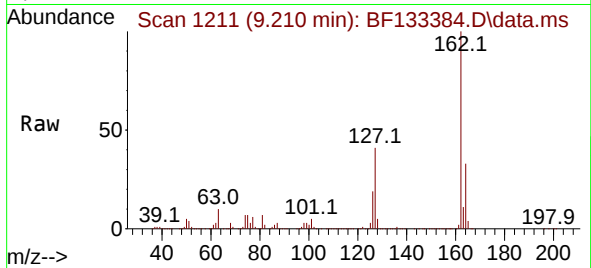




#47
2-Chloronaphthalene
Concen: 45.105 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

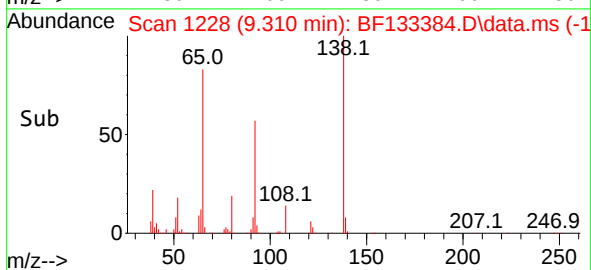
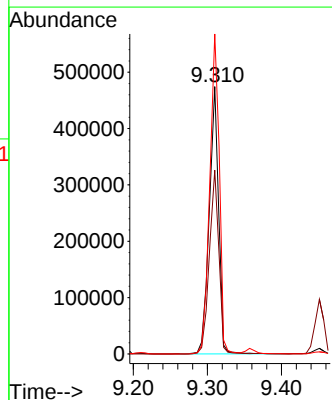
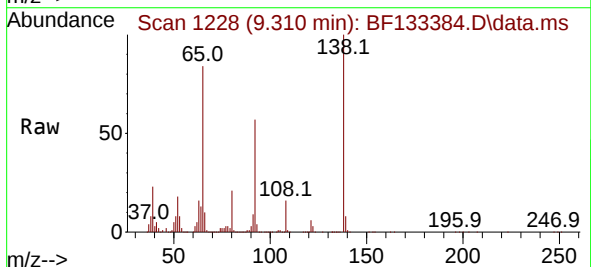
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

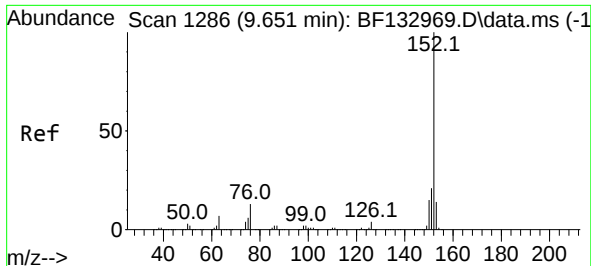
Tgt Ion:162 Resp: 1322079
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 33.1 26.8 40.2



#48
2-Nitroaniline
Concen: 43.303 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion: 65 Resp: 419486
Ion Ratio Lower Upper
65 100
92 68.8 55.4 83.0
138 119.7 98.2 147.2





#49

Acenaphthylene

Concen: 42.738 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

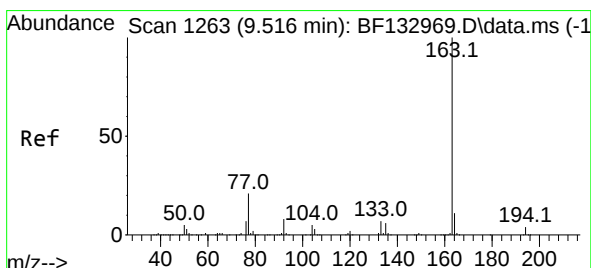
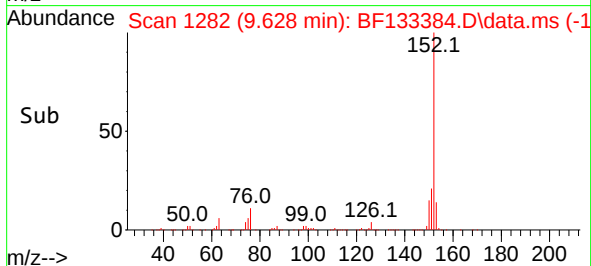
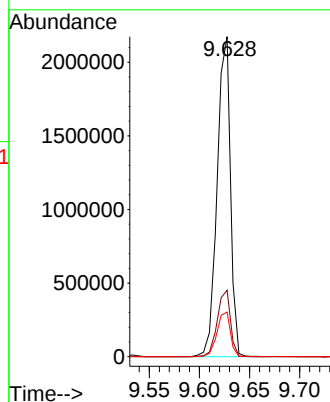
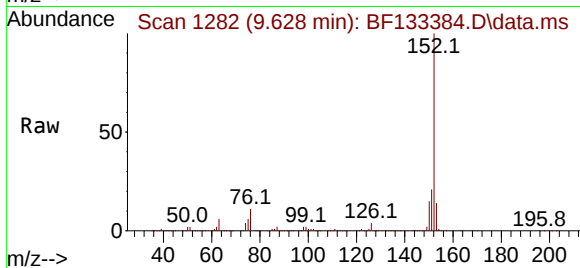
Tgt Ion:152 Resp: 2001623

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

153 13.9 11.5 17.3



#50

Dimethylphthalate

Concen: 45.154 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

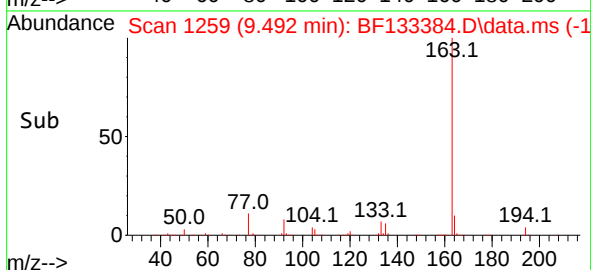
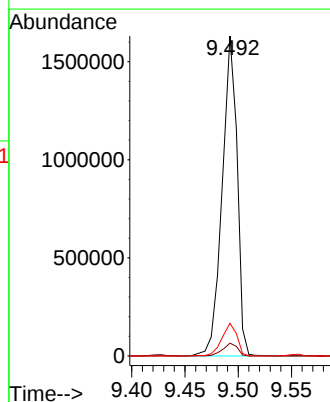
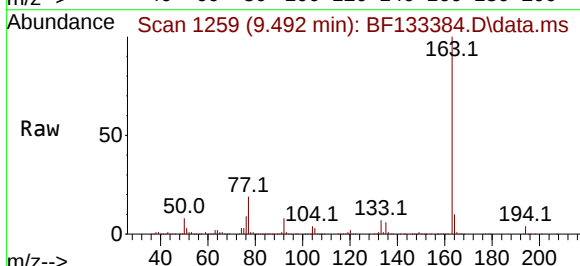
Tgt Ion:163 Resp: 1590076

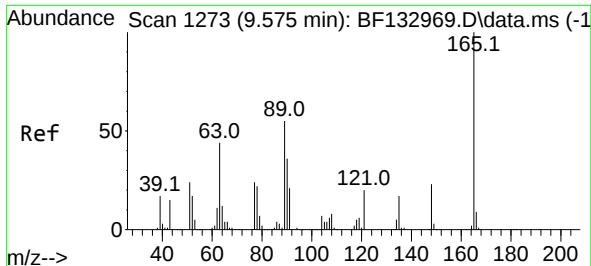
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 45.998 ng

RT: 9.557 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

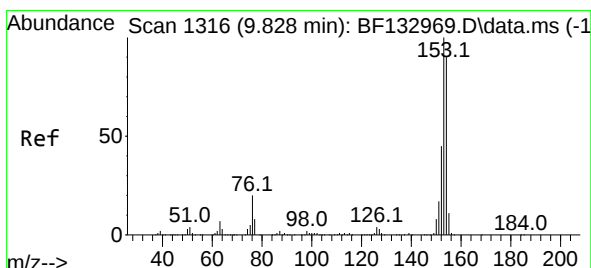
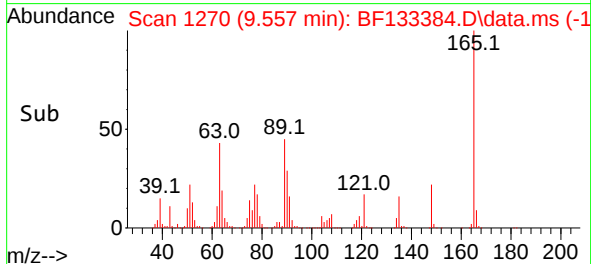
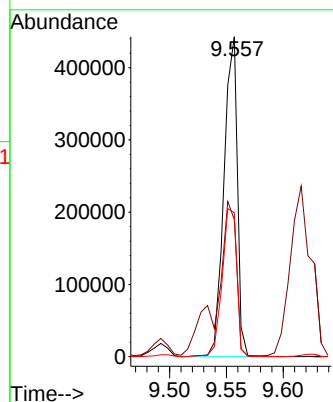
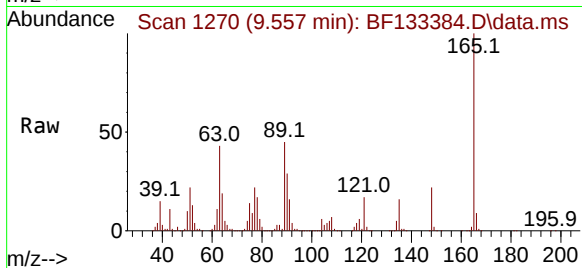
Tgt Ion:165 Resp: 364577

Ion Ratio Lower Upper

165 100

63 42.9 45.9 68.9#

89 45.0 44.0 66.0



#52

Acenaphthene

Concen: 39.003 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

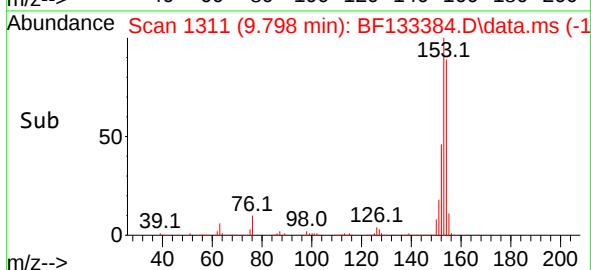
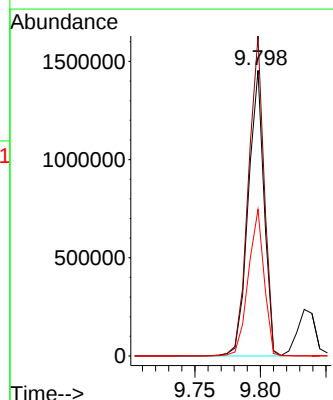
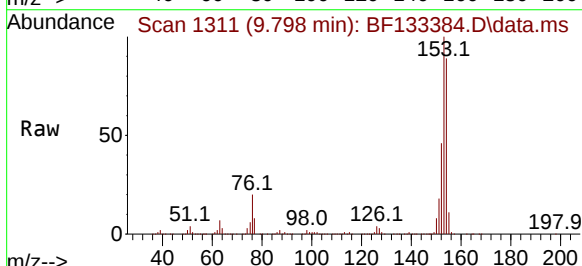
Tgt Ion:154 Resp: 1223431

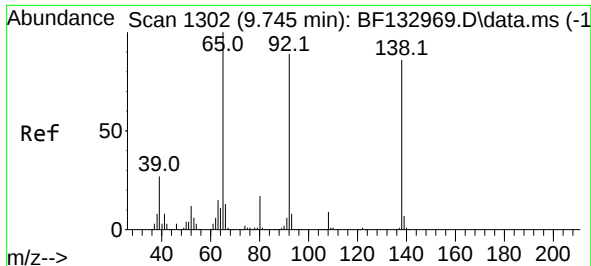
Ion Ratio Lower Upper

154 100

153 112.0 89.0 133.6

152 51.3 40.4 60.6

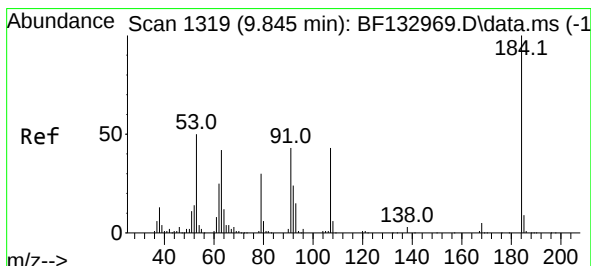
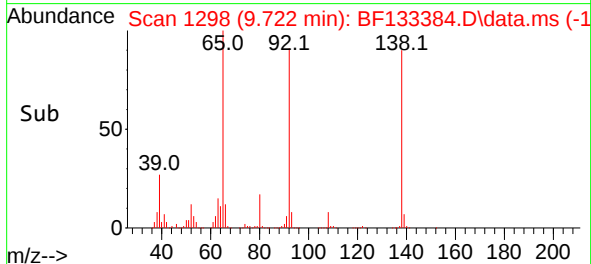
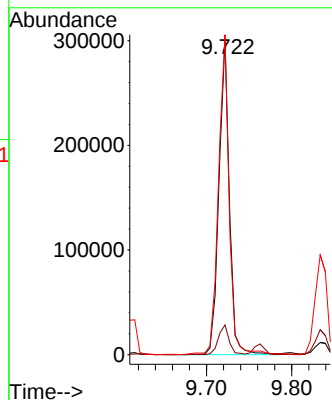
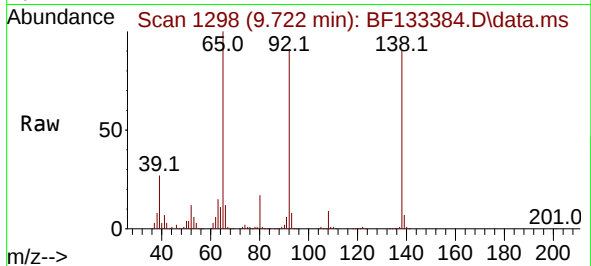




#53
3-Nitroaniline
Concen: 27.184 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

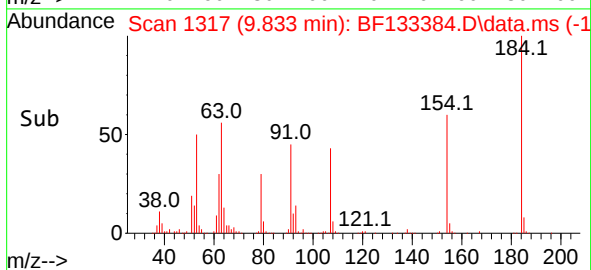
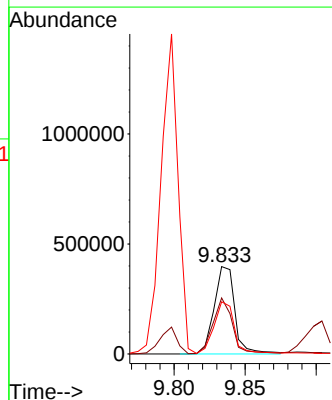
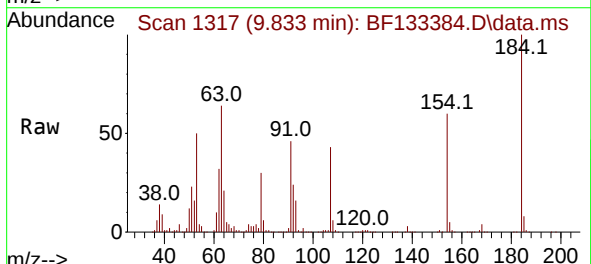
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

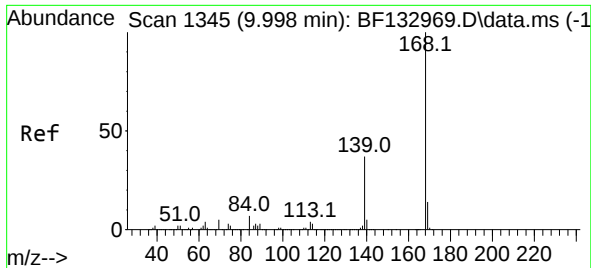
Tgt Ion:138 Resp: 256183
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 101.6 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 100.876 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:184 Resp: 401884
Ion Ratio Lower Upper
184 100
63 64.0 49.8 74.8
154 59.7 49.5 74.3

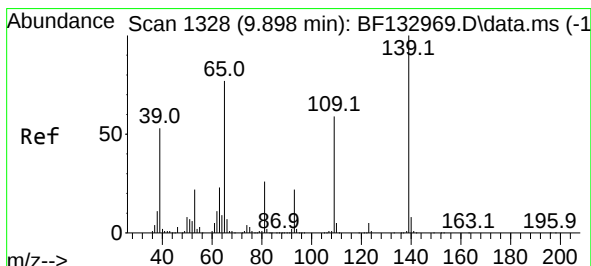
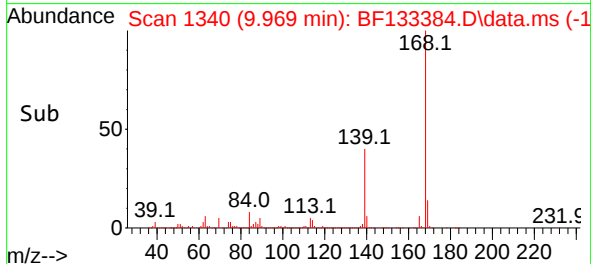
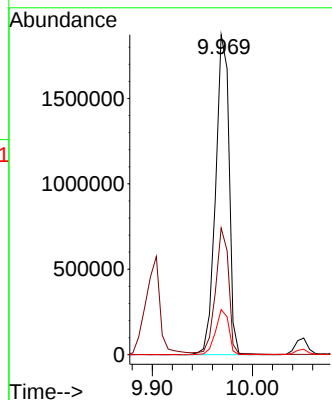
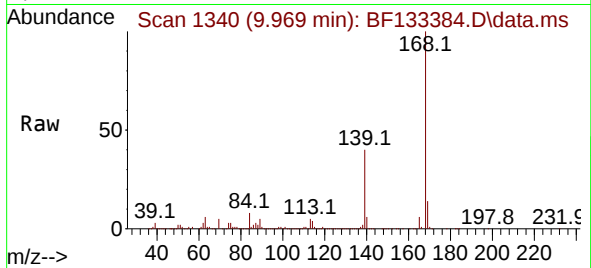




#55
Dibenzenofuran
Concen: 40.854 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

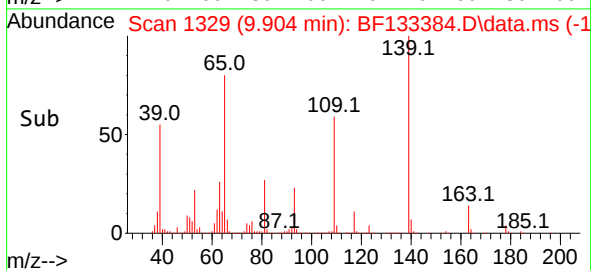
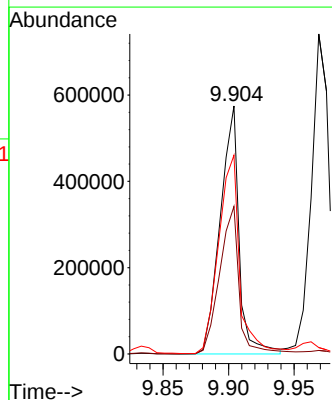
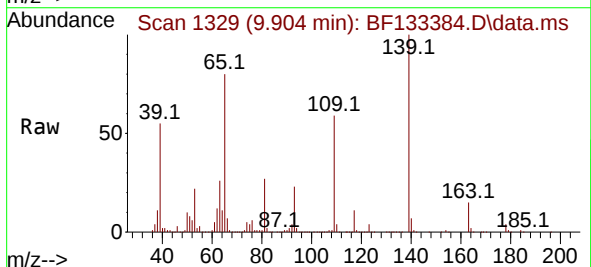
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

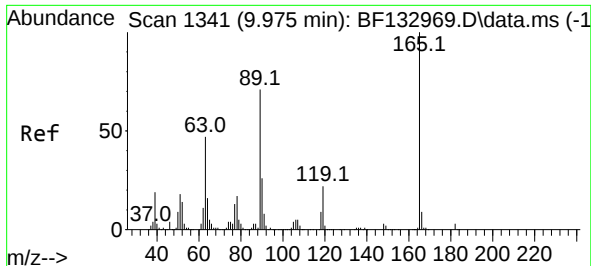
Tgt Ion:168 Resp: 1748076
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.8
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 78.679 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:139 Resp: 574291
Ion Ratio Lower Upper
139 100
109 59.5 39.4 79.4
65 80.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.024 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:165 Resp: 455091

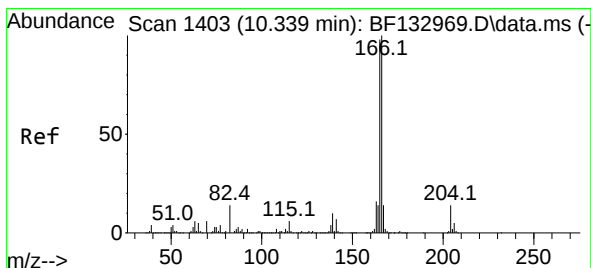
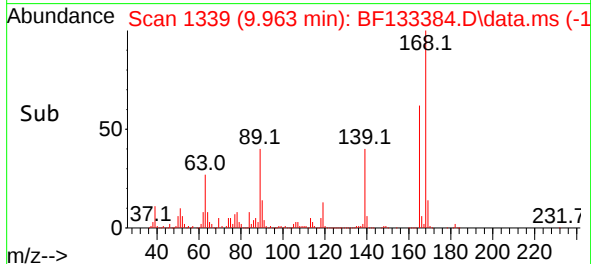
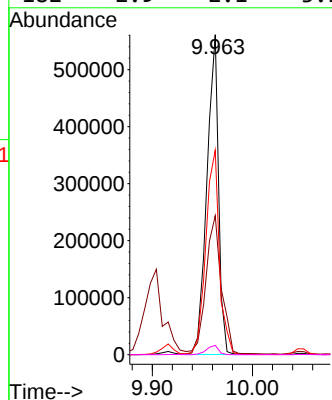
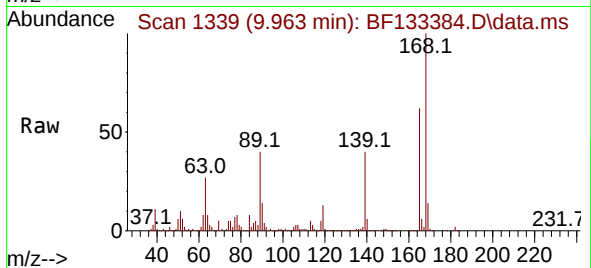
Ion Ratio Lower Upper

165 100

63 43.4 37.7 56.5

89 63.9 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 42.536 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

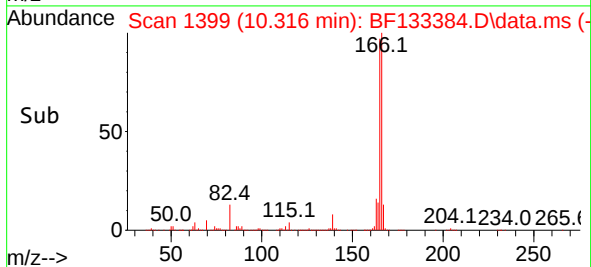
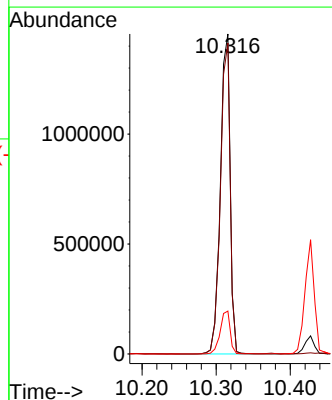
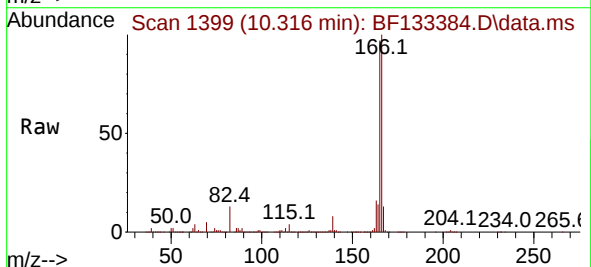
Tgt Ion:166 Resp: 1333445

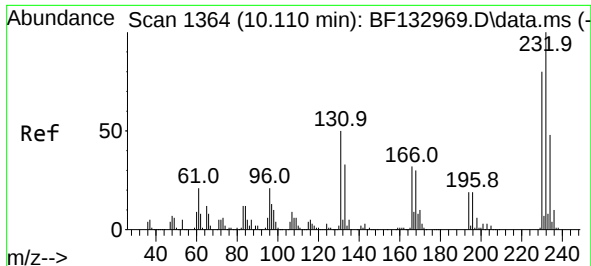
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

167 13.4 11.0 16.4

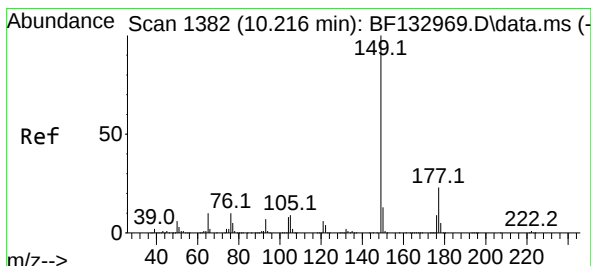
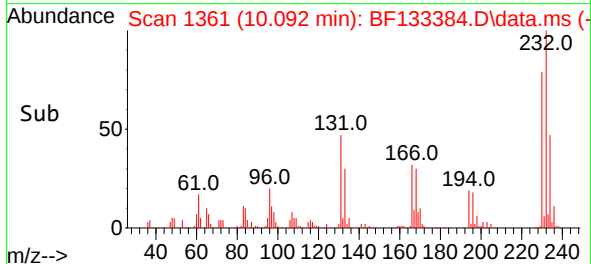
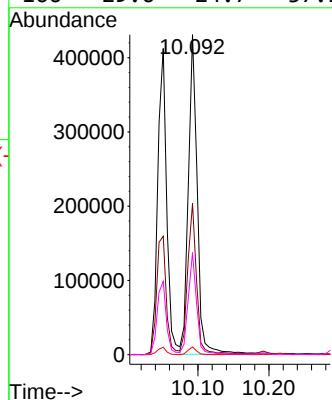
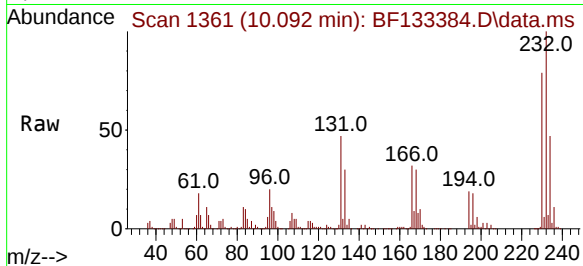




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.517 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

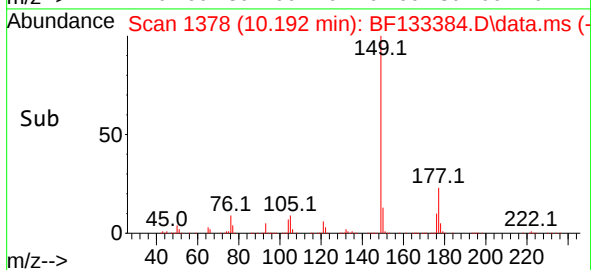
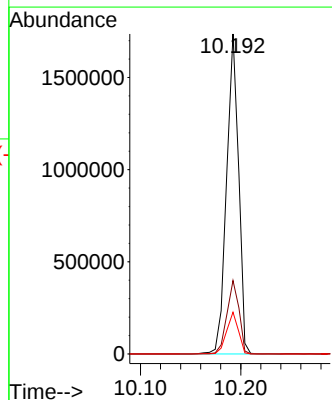
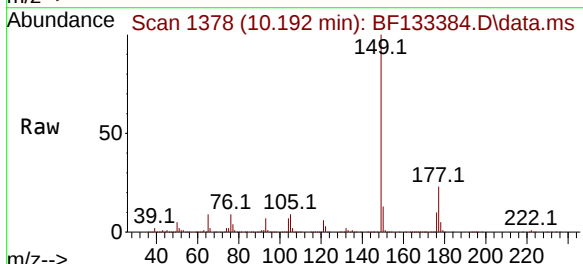
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

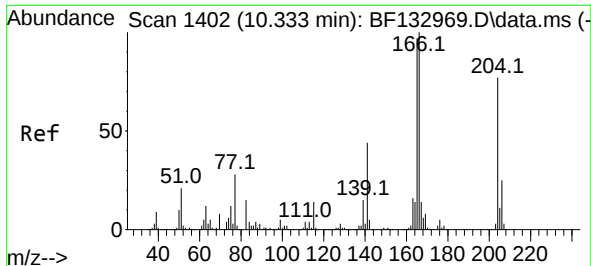
Tgt Ion:232 Resp: 374823
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.3 1.8 2.8
166 29.6 24.7 37.1



#60
Diethylphthalate
Concen: 43.271 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:149 Resp: 1439309
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.1 10.2 15.4

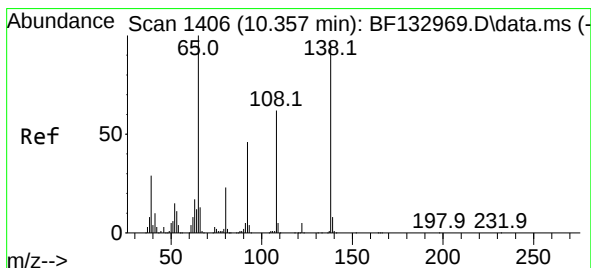
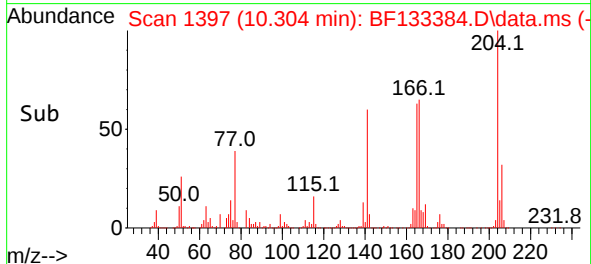
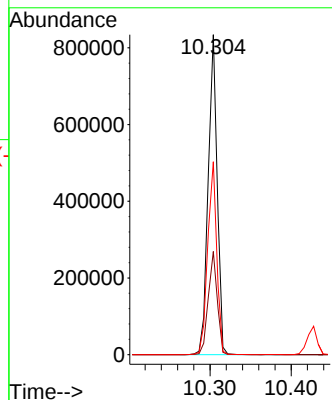
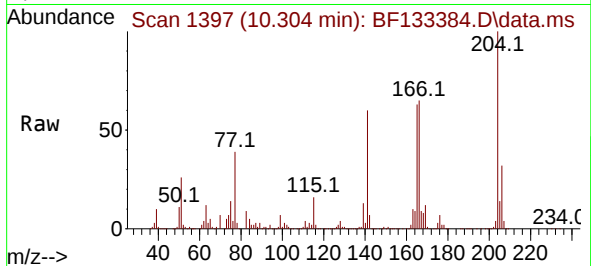




#61
4-Chlorophenyl-phenylether
Concen: 41.950 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

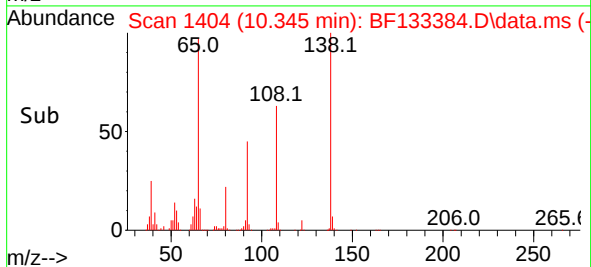
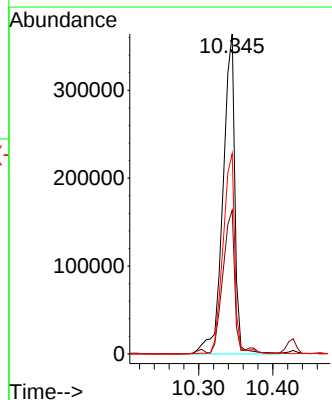
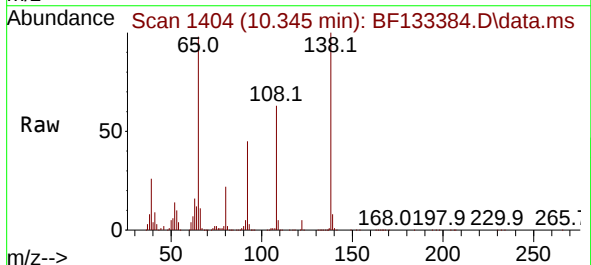
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

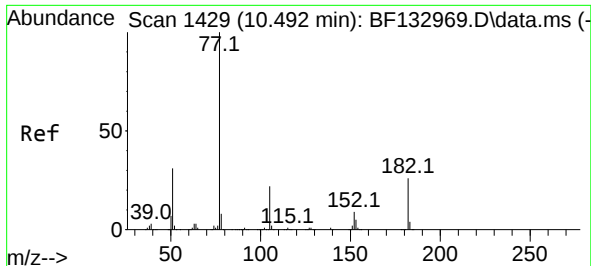
Tgt Ion:204 Resp: 640870
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 60.3 46.1 69.1



#62
4-Nitroaniline
Concen: 47.199 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:138 Resp: 408819
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 62.6 45.2 85.2



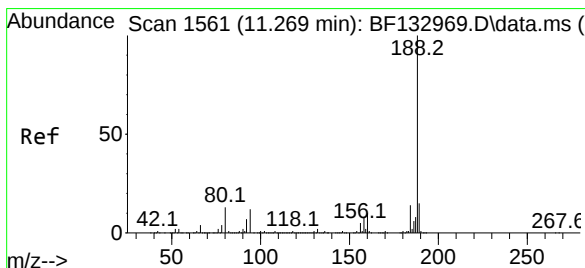
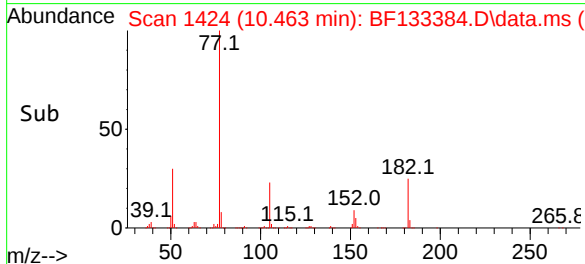
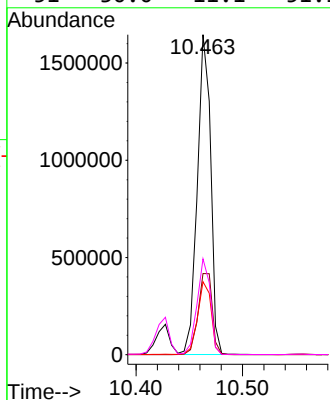
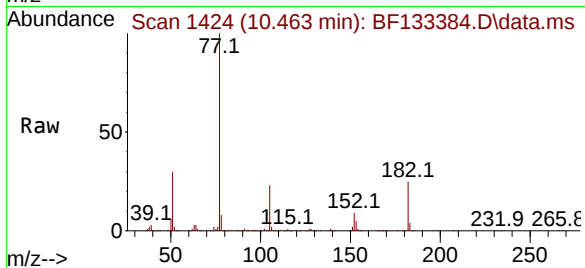


#63
Azobenzene
Concen: 40.707 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion: 77 Resp: 1434357

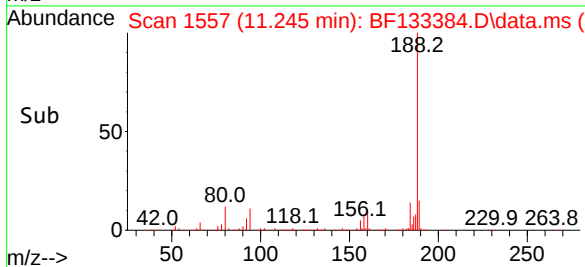
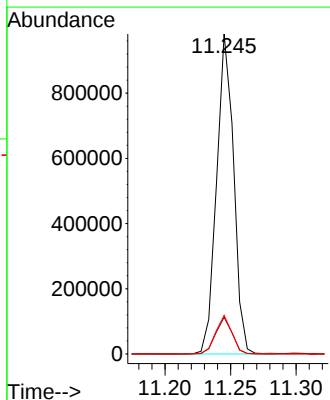
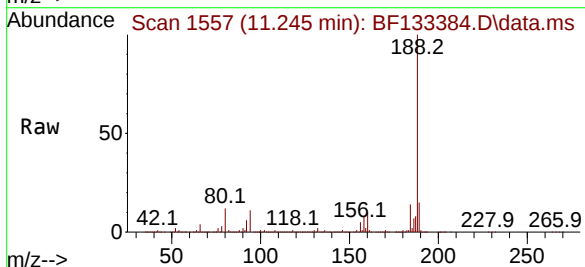
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.9	45.9
105	22.8	2.3	42.3
51	30.0	11.1	51.1

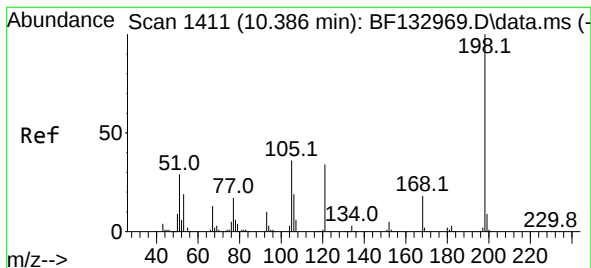


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion: 188 Resp: 886266

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.7	14.5
80	12.0	10.4	15.6

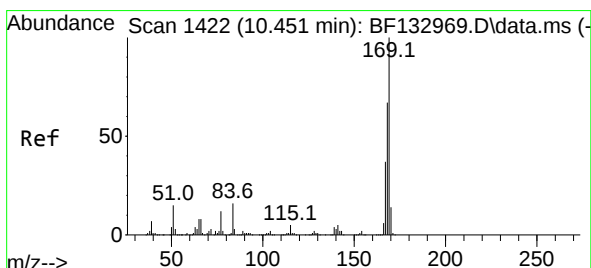
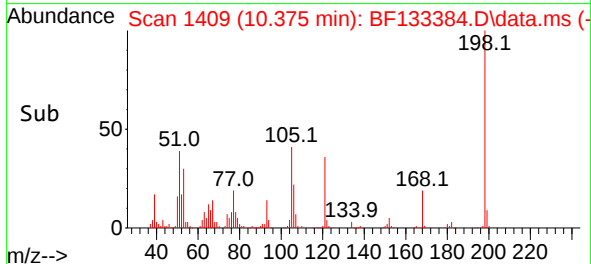
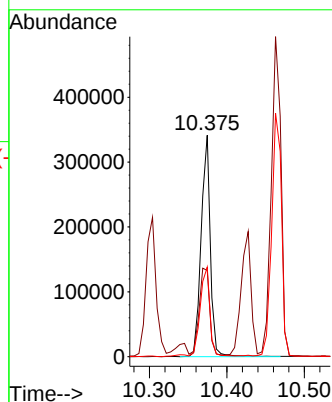
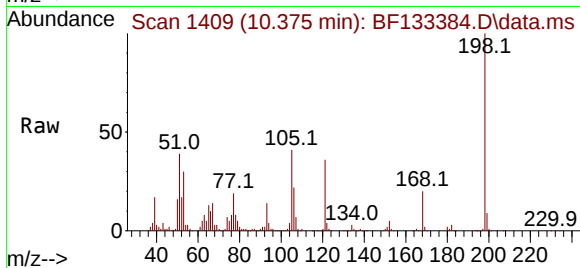




#65
4,6-Dinitro-2-methylphenol
Concen: 52.441 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

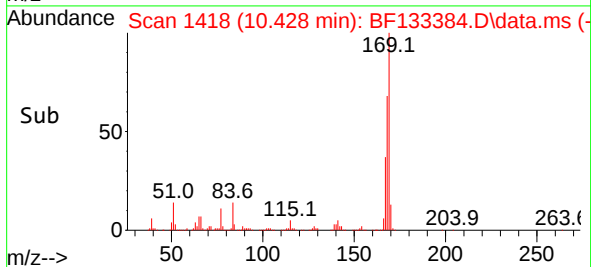
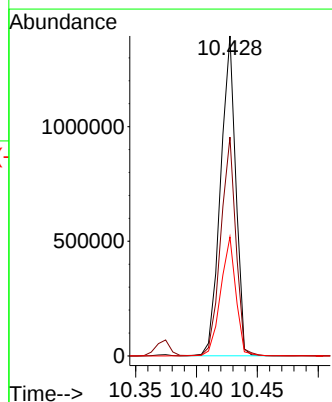
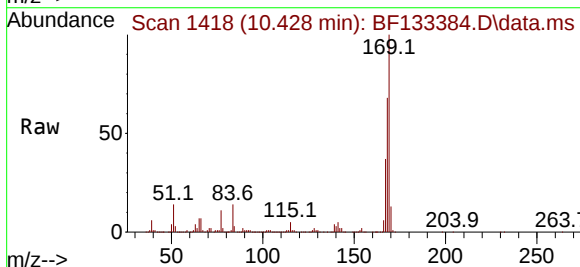
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

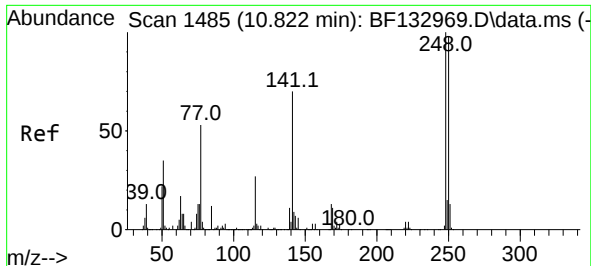
Tgt Ion:198 Resp: 281708
Ion Ratio Lower Upper
198 100
51 38.9 15.5 55.5
105 40.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 42.314 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:169 Resp: 1216444
Ion Ratio Lower Upper
169 100
168 68.4 53.8 80.8
167 37.2 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 43.074 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

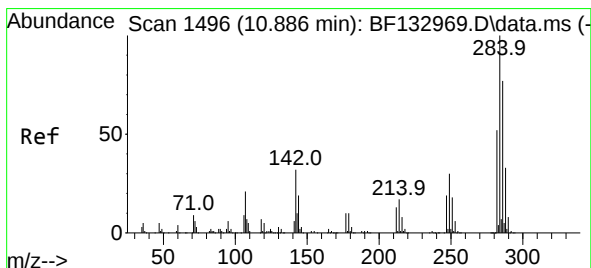
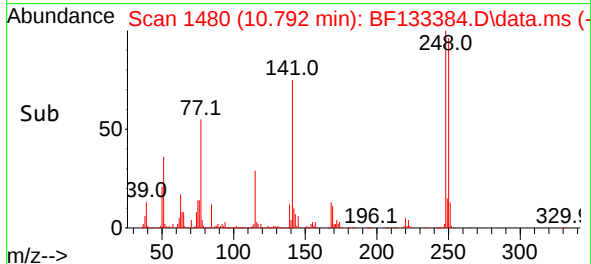
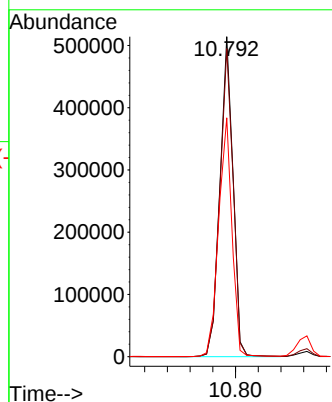
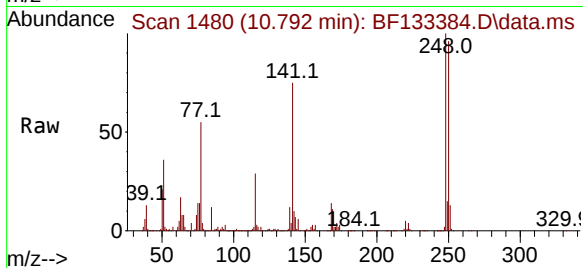
Tgt Ion:248 Resp: 414035

Ion Ratio Lower Upper

248 100

250 96.2 78.7 118.1

141 74.7 56.3 84.5



#68

Hexachlorobenzene

Concen: 45.367 ng

RT: 10.863 min Scan# 1492

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

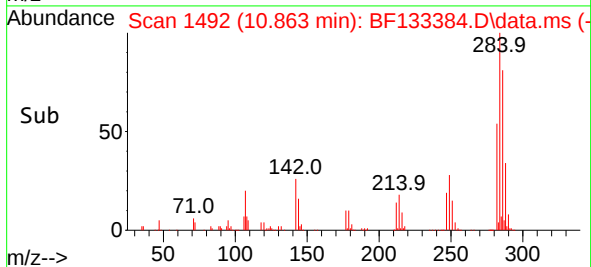
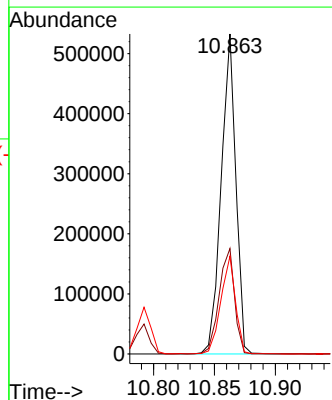
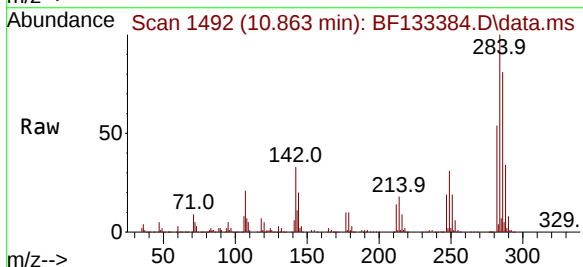
Tgt Ion:284 Resp: 446832

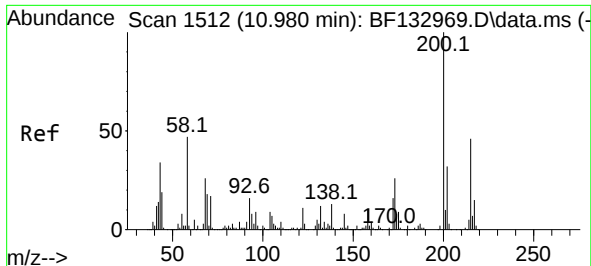
Ion Ratio Lower Upper

284 100

142 33.0 26.0 39.0

249 30.6 23.7 35.5

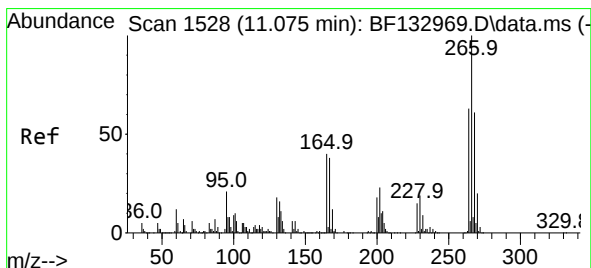
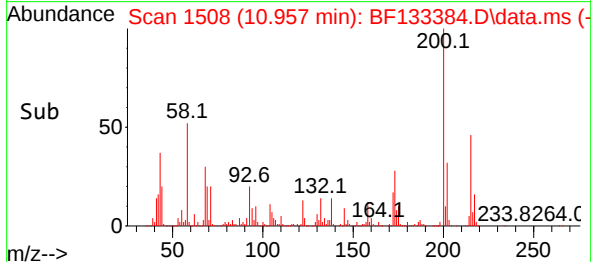
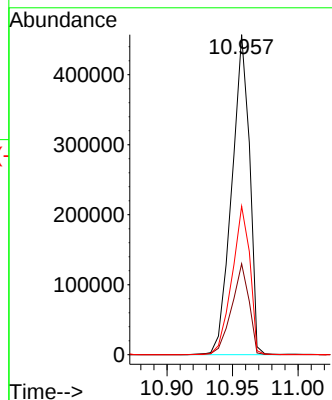
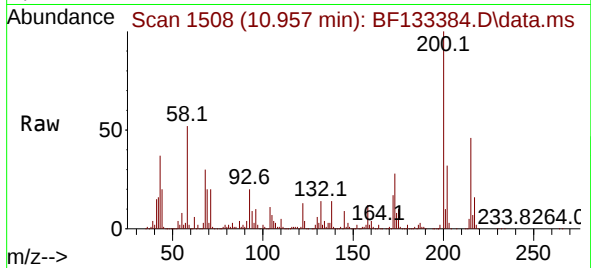




#69
Atrazine
Concen: 51.946 ng
RT: 10.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

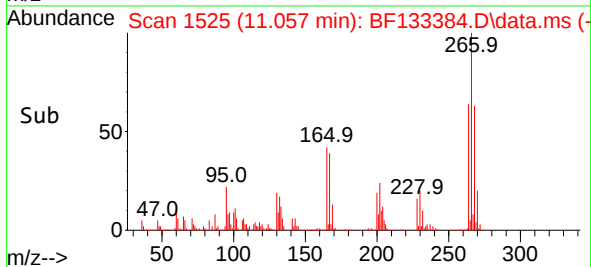
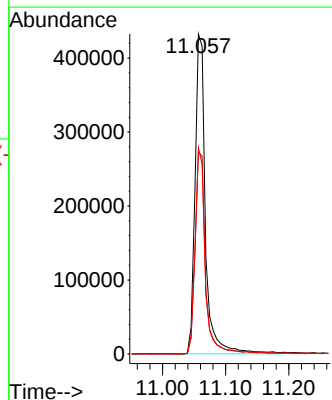
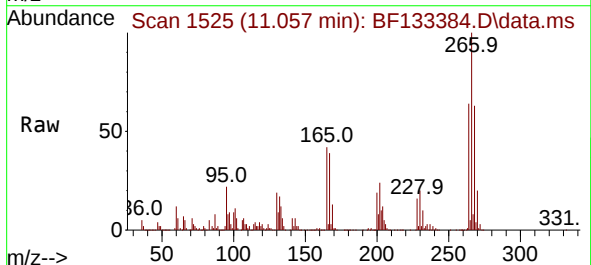
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

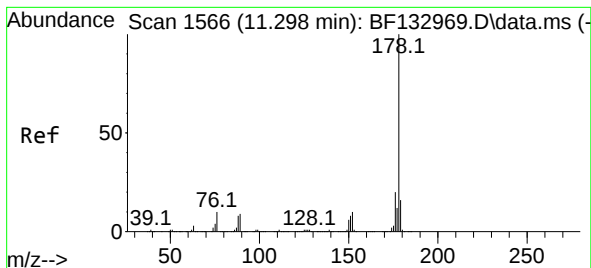
Tgt Ion:200 Resp: 430304
Ion Ratio Lower Upper
200 100
173 28.4 6.2 46.2
215 46.4 26.3 66.3



#70
Pentachlorophenol
Concen: 70.827 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:266 Resp: 496825
Ion Ratio Lower Upper
266 100
268 63.3 48.8 73.2
264 64.5 50.6 76.0





#71

Phenanthrene

Concen: 41.961 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

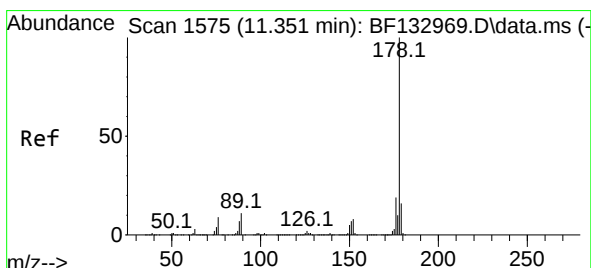
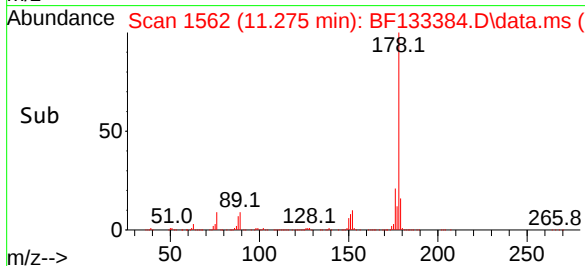
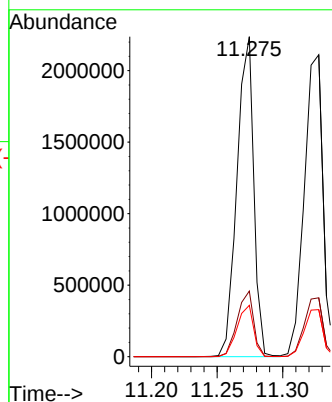
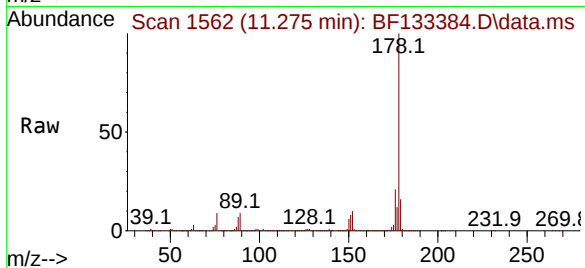
Tgt Ion:178 Resp: 1998765

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

179 16.0 12.5 18.7



#72

Anthracene

Concen: 42.869 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

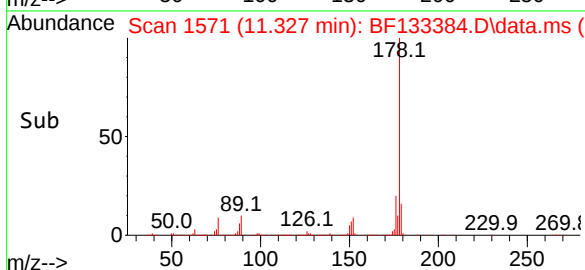
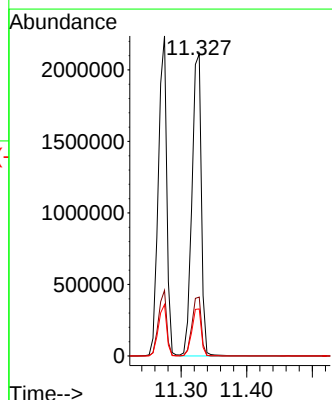
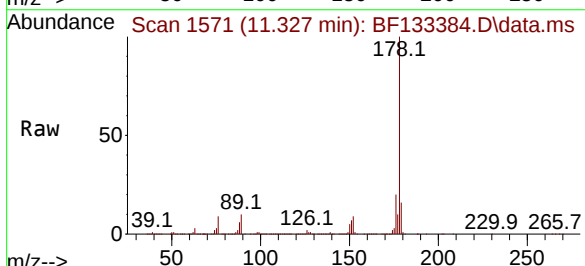
Tgt Ion:178 Resp: 2089787

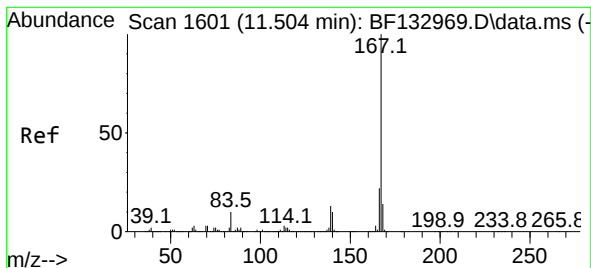
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.109 ng

RT: 11.480 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

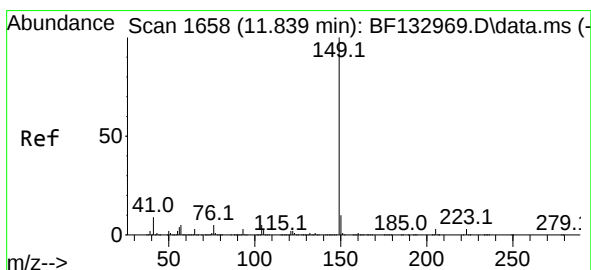
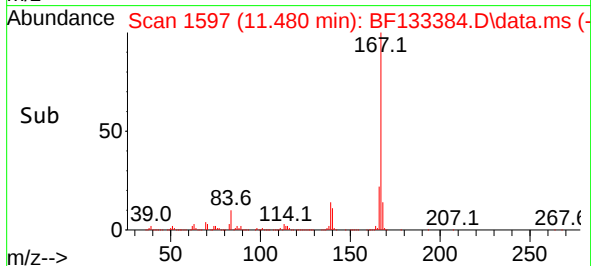
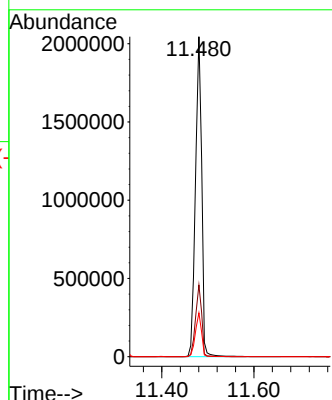
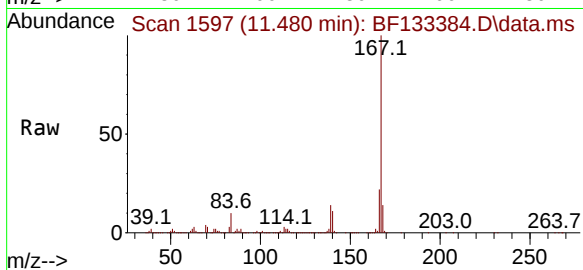
Tgt Ion:167 Resp: 1914648

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.732 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

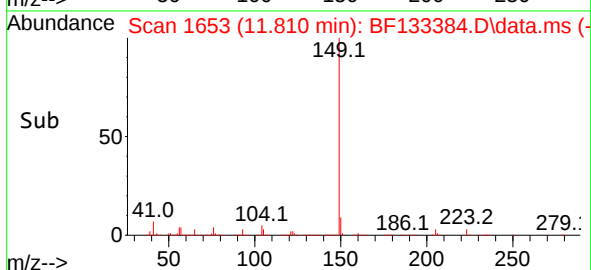
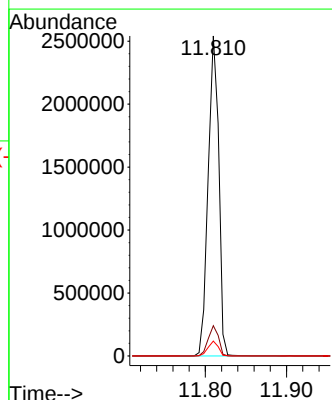
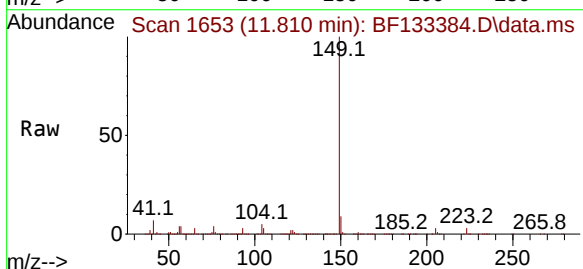
Tgt Ion:149 Resp: 2295539

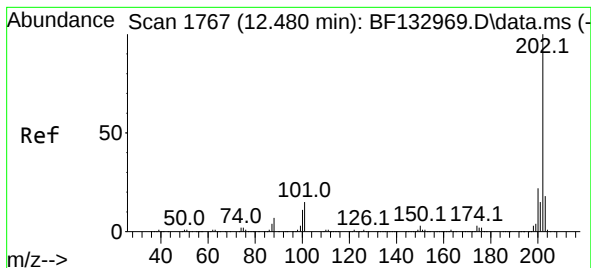
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 42.816 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

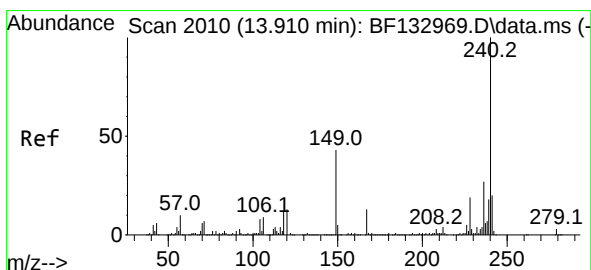
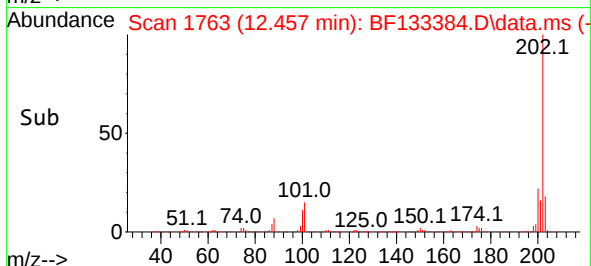
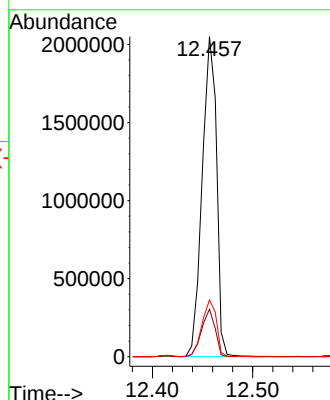
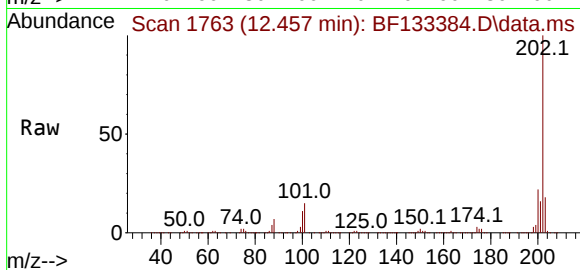
Tgt Ion:202 Resp: 2046871

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

203 17.7 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

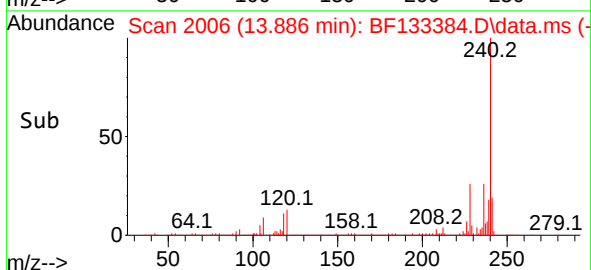
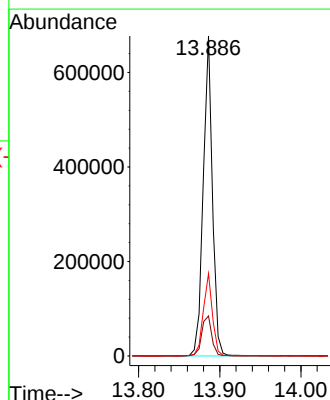
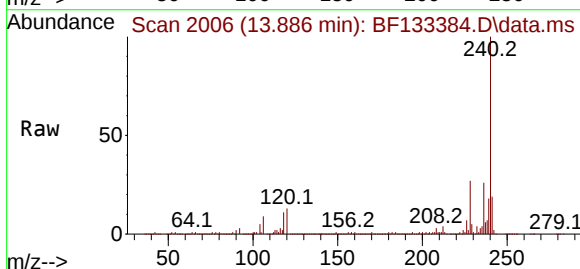
Tgt Ion:240 Resp: 532605

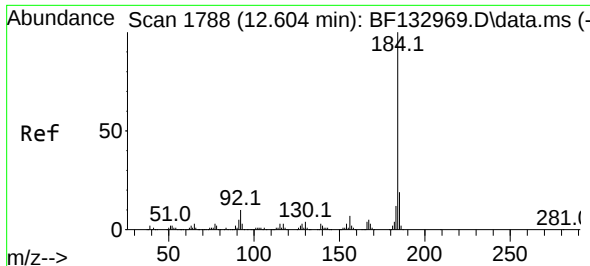
Ion Ratio Lower Upper

240 100

120 12.5 10.5 15.7

236 25.7 21.5 32.3

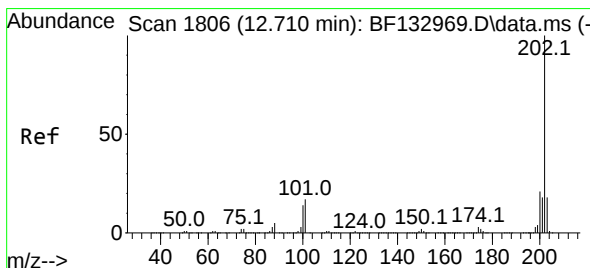
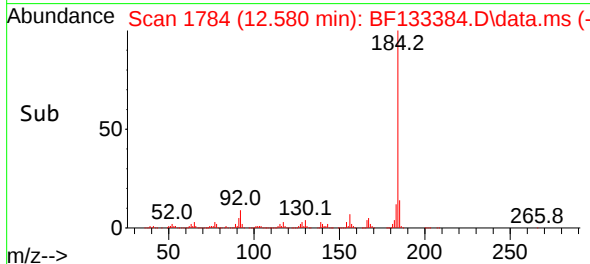
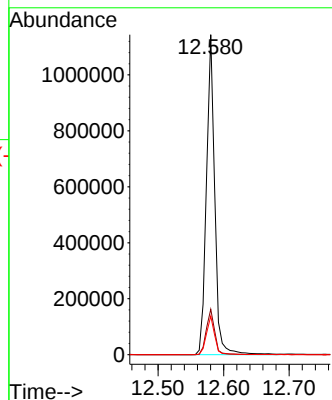
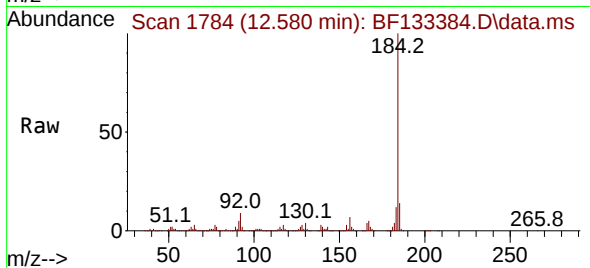




#77
Benzidine
Concen: 112.817 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

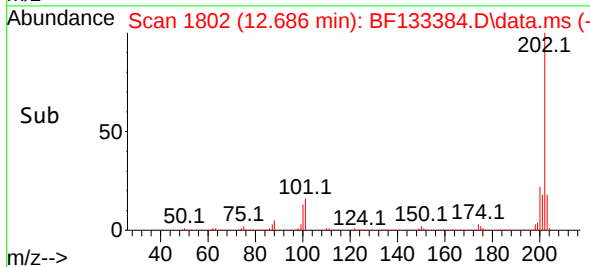
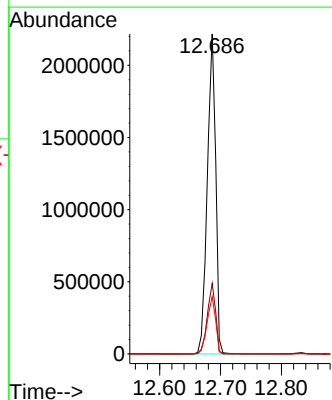
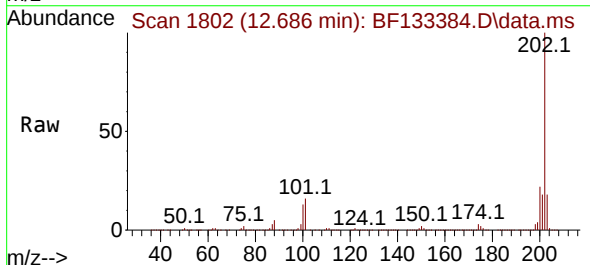
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

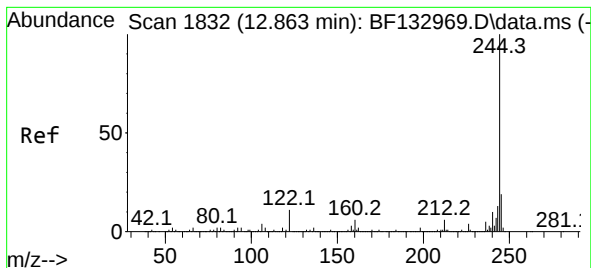
Tgt Ion:184 Resp: 1016098
Ion Ratio Lower Upper
184 100
185 14.2 15.4 23.2#
183 12.0 9.4 14.0



#78
Pyrene
Concen: 46.341 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:202 Resp: 2115766
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 87.369 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

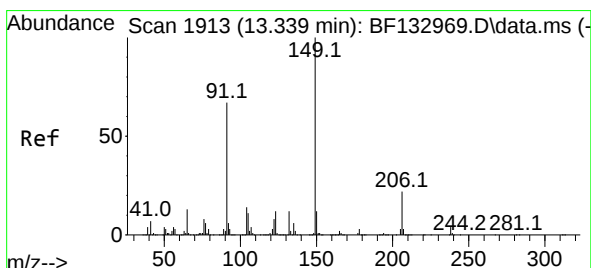
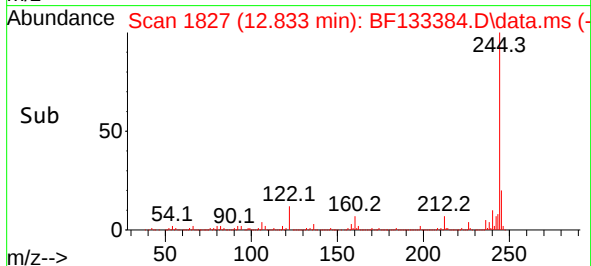
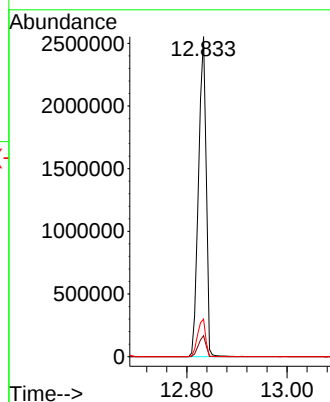
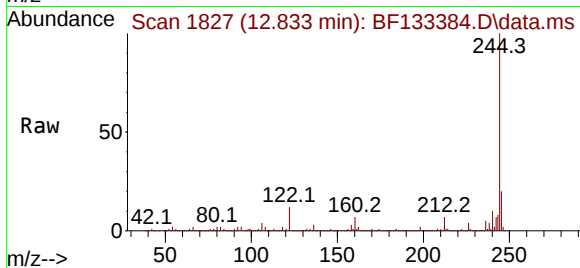
Tgt Ion:244 Resp: 2698110

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 56.637 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

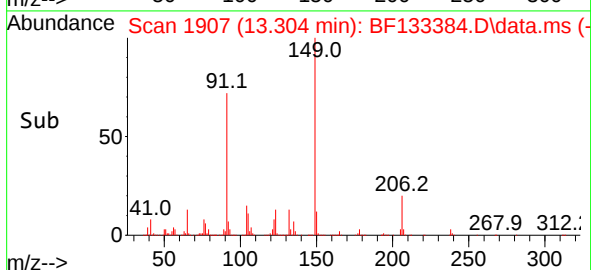
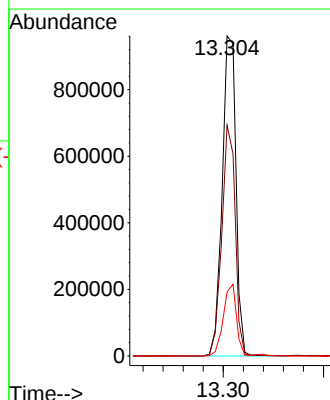
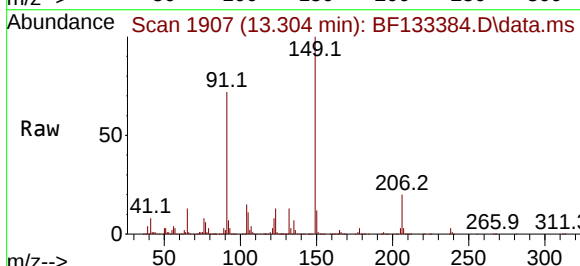
Tgt Ion:149 Resp: 915577

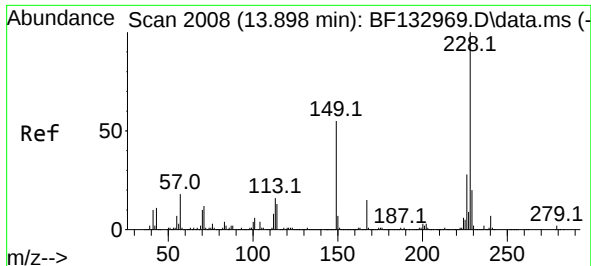
Ion Ratio Lower Upper

149 100

91 72.0 53.8 80.6

206 20.0 17.5 26.3

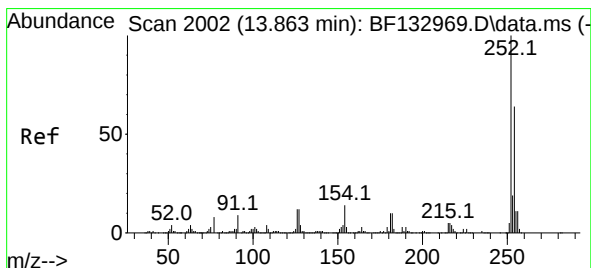
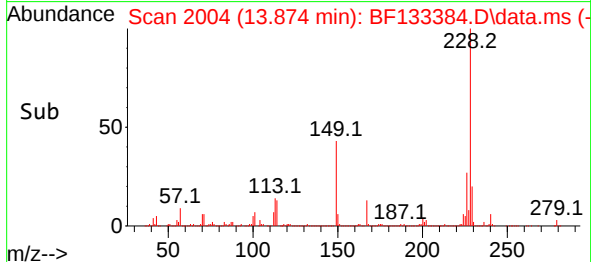
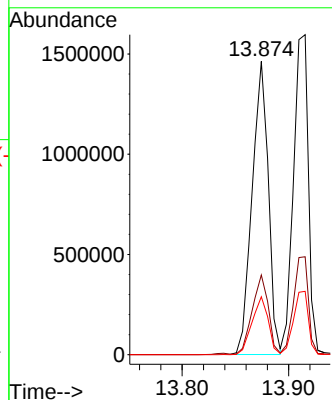
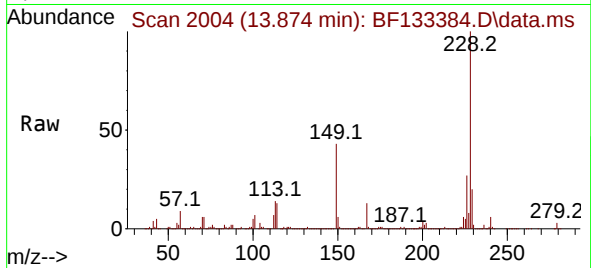




#81
Benzo(a)anthracene
Concen: 42.232 ng
RT: 13.874 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

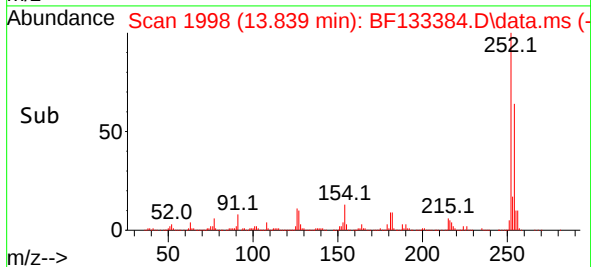
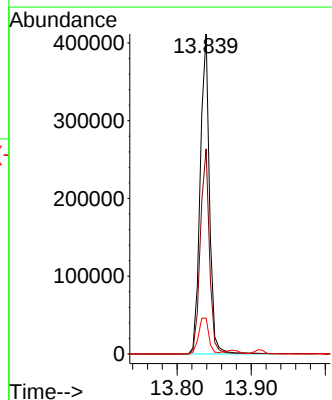
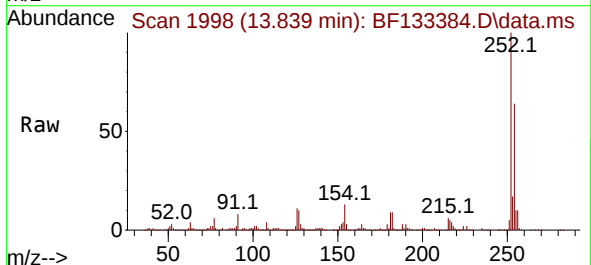
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

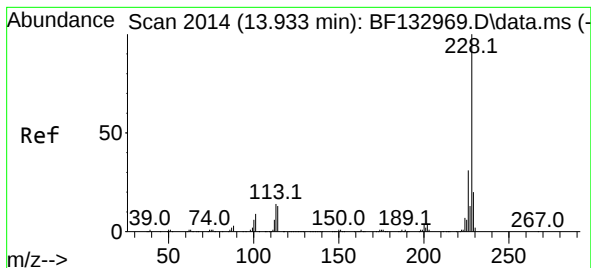
Tgt Ion:228 Resp: 1546772
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.327 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:252 Resp: 357432
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 11.2 9.5 14.3





#83

Chrysene

Concen: 42.553 ng

RT: 13.916 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

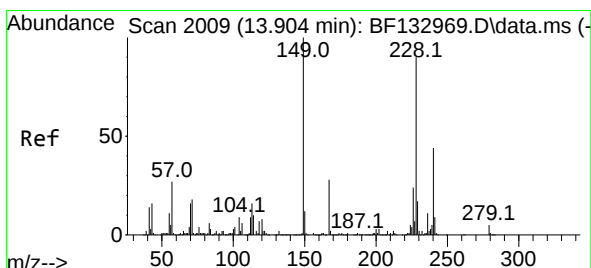
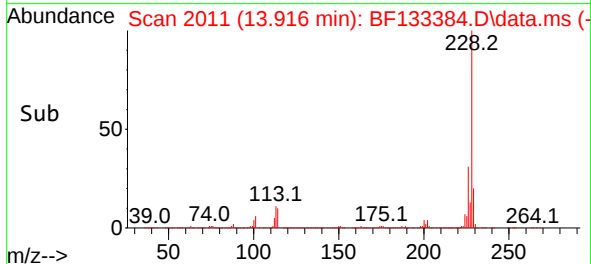
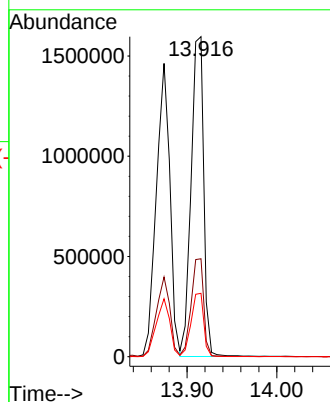
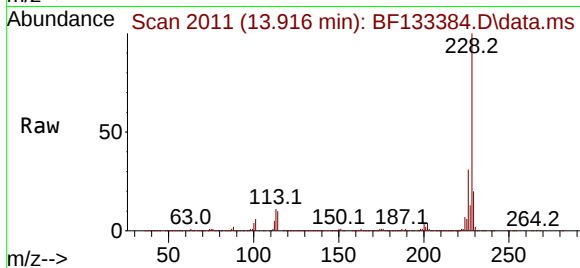
Tgt Ion:228 Resp: 1558162

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.795 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

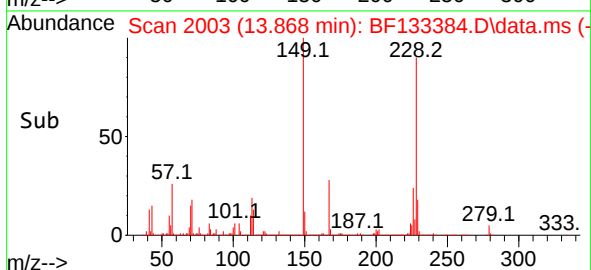
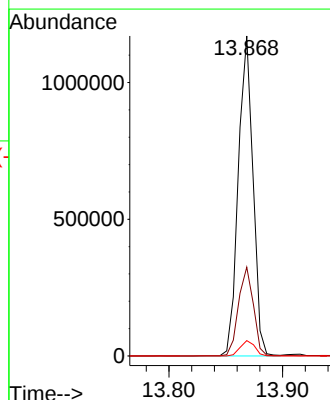
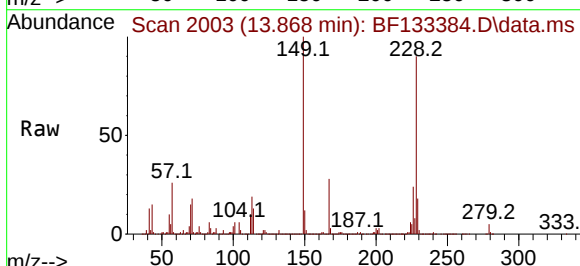
Tgt Ion:149 Resp: 1050971

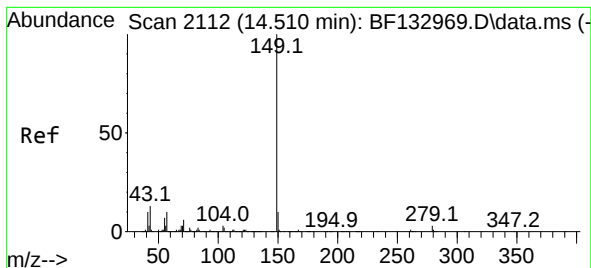
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.598 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

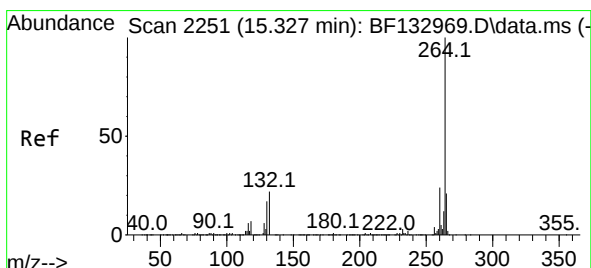
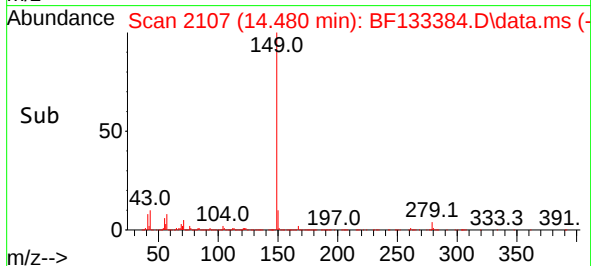
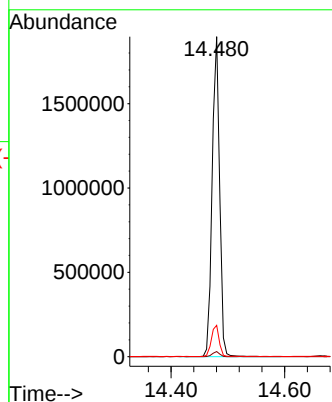
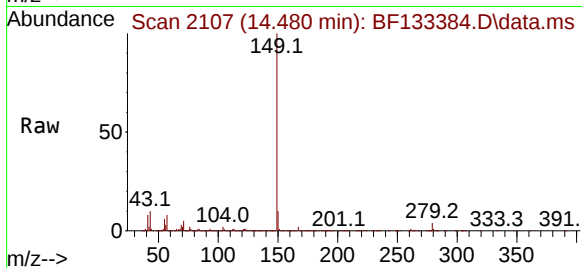
Tgt Ion:149 Resp: 1707138

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

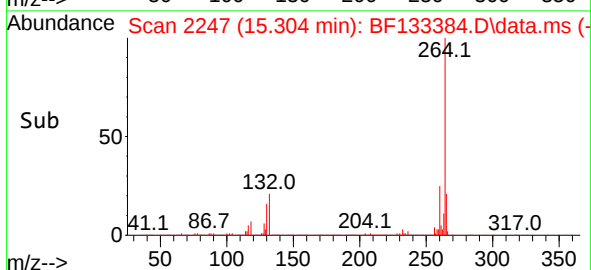
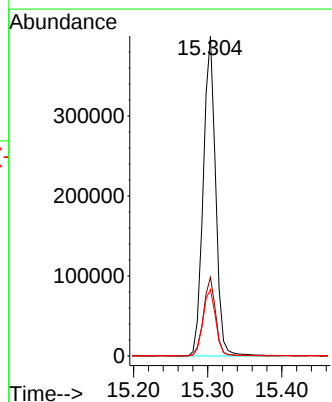
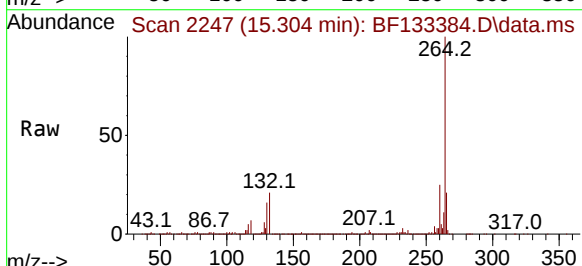
Tgt Ion:264 Resp: 466293

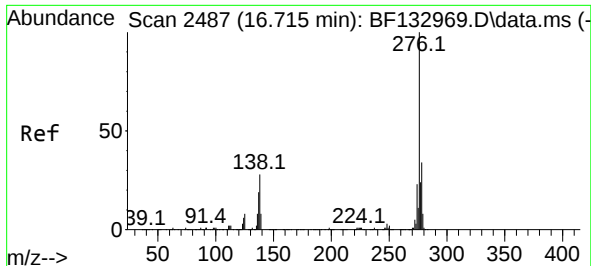
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 20.8 17.0 25.4

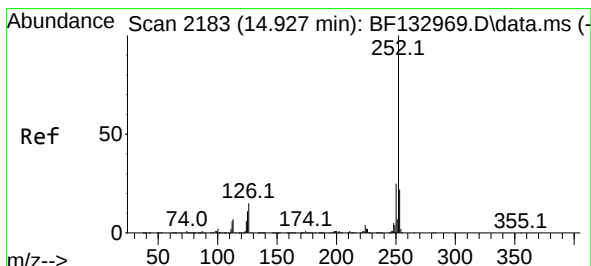
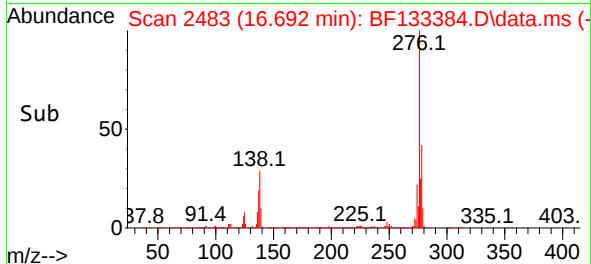
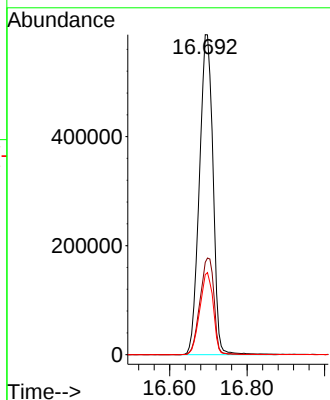
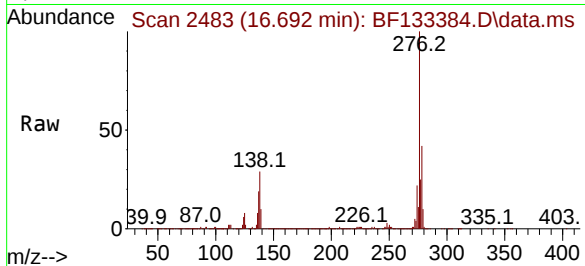




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.895 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

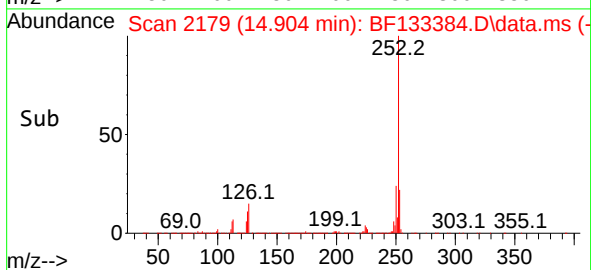
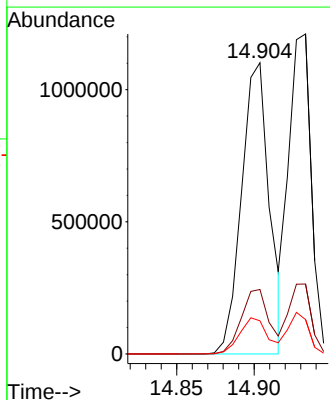
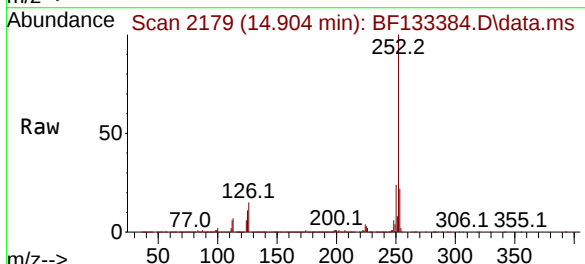
Instrument :
BNA_F
ClientSampleId :
PB152781BSD

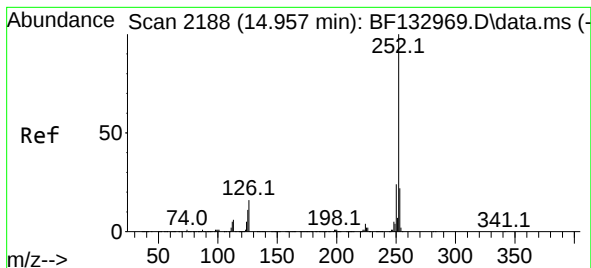
Tgt Ion:276 Resp: 1429483
Ion Ratio Lower Upper
276 100
138 31.2 25.5 38.3
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 46.438 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:252 Resp: 1377592
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.068 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

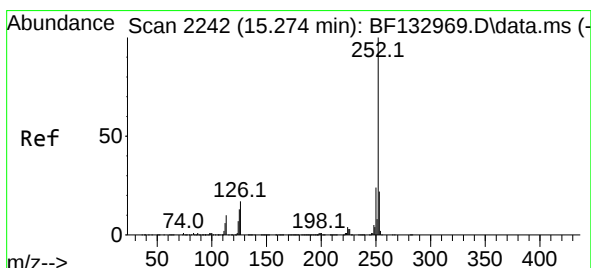
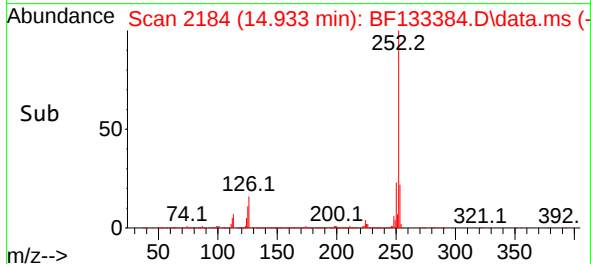
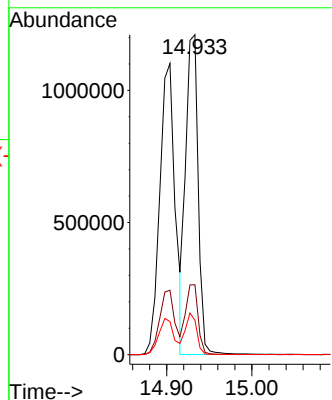
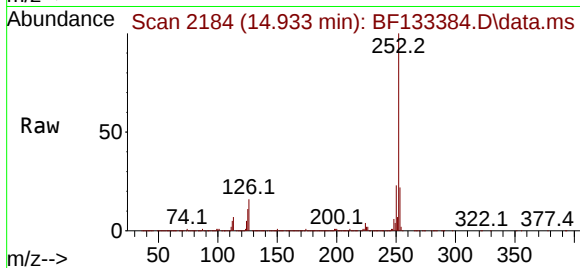
Tgt Ion:252 Resp: 1237069

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 42.445 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

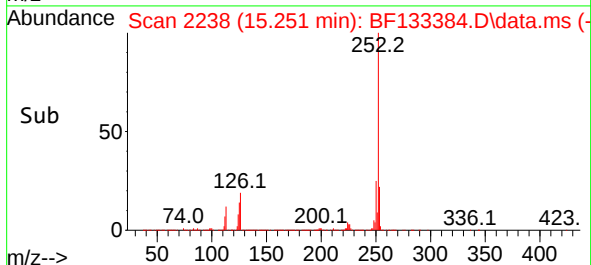
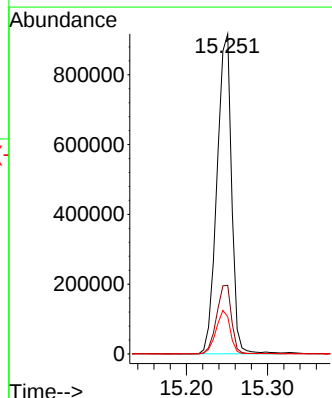
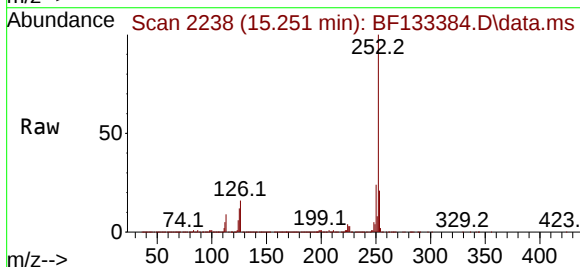
Tgt Ion:252 Resp: 1146061

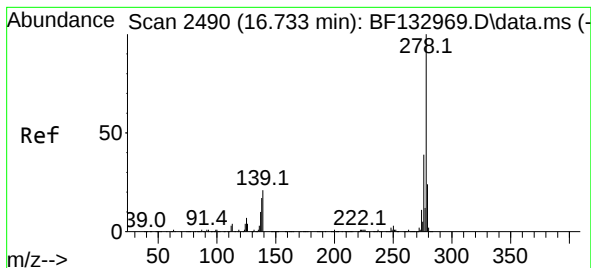
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 11.7 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 53.275 ng

RT: 16.709 min Scan# 2490

Delta R.T. 0.018 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

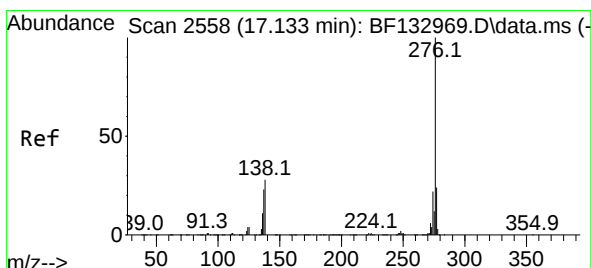
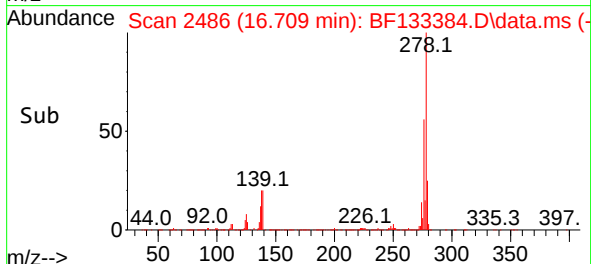
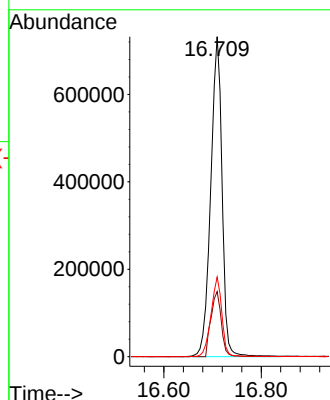
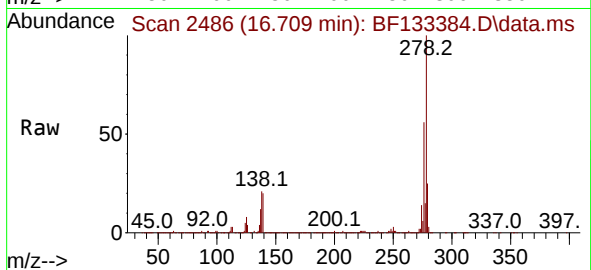
Tgt Ion:278 Resp: 1178548

Ion Ratio Lower Upper

278 100

139 20.3 16.6 24.8

279 24.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.674 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.024 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:276 Resp: 1215917

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 26.5 22.7 34.1

