

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134198.D
 Acq On : 10 Jul 2023 21:42
 Operator : CG\JU
 Sample : 03507-MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:58:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101109	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	357898	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145243	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	247838	20.000	ng	0.00
76) Chrysene-d12	14.045	240	198968	20.000	ng	0.00
86) Perylene-d12	15.545	264	141854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	617255	102.120	ng	0.00
7) Phenol-d6	6.487	99	703572	94.650	ng	0.00
23) Nitrobenzene-d5	7.410	82	409083	61.615	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	136881	75.166	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	684185	68.487	ng	0.00
79) Terphenyl-d14	12.975	244	666152	53.884	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	113822	45.670	ng	98
3) Pyridine	3.452	79	285371	43.959	ng	100
4) n-Nitrosodimethylamine	3.416	42	194891	52.564	ng	94
6) Aniline	6.510	93	406670	44.958	ng	94
8) 2-Chlorophenol	6.634	128	341483	55.654	ng	96
9) Benzaldehyde	6.398	77	235525	72.085	ng	97
10) Phenol	6.498	94	404332	51.733	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	307890	53.508	ng	98
12) 1,3-Dichlorobenzene	6.787	146	298312	45.603	ng	97
13) 1,4-Dichlorobenzene	6.863	146	304897	46.146	ng	99
14) 1,2-Dichlorobenzene	7.016	146	285785	46.184	ng	98
15) Benzyl Alcohol	6.993	79	252805	44.116	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	421767	41.432	ng	97
17) 2-Methylphenol	7.104	107	218745	39.812	ng	97
18) Hexachloroethane	7.351	117	107382	43.831	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	194687	41.299	ng	97
20) 3+4-Methylphenols	7.257	107	269095	40.370	ng	98
22) Acetophenone	7.257	105	377610	46.392	ng	# 97
24) Nitrobenzene	7.428	77	297646	44.363	ng	94
25) Isophorone	7.669	82	523941	43.421	ng	100
26) 2-Nitrophenol	7.745	139	138265	42.959	ng	98
27) 2,4-Dimethylphenol	7.781	122	231389	45.418	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	304656	43.604	ng	99
29) 2,4-Dichlorophenol	7.987	162	211672	41.899	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	236087	45.290	ng	99
31) Naphthalene	8.151	128	734346	42.478	ng	100
32) Benzoic acid	7.916	122	42876	11.231	ng	90
33) 4-Chloroaniline	8.198	127	236972	32.045	ng	98
34) Hexachlorobutadiene	8.263	225	152705	46.439	ng	99
35) Caprolactam	8.575	113	63171	37.976	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	221087	38.955	ng	95
37) 2-Methylnaphthalene	8.839	142	471854	38.597	ng	100
38) 1-Methylnaphthalene	8.939	142	436936	38.446	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	218861	50.862	ng	99
41) Hexachlorocyclopentadiene	8.987	237	29246	14.326	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	133284	45.501	ng	97

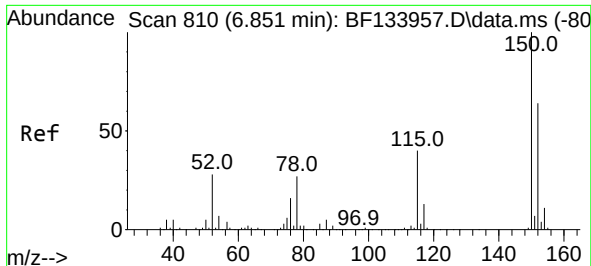
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
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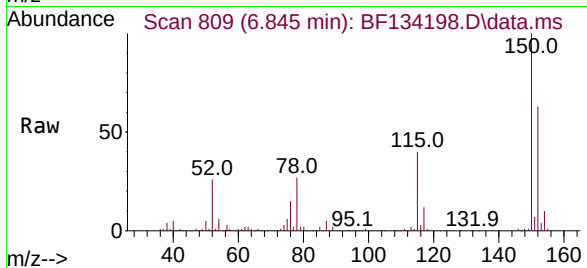
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	135380	39.290	ng	97
46) 1,1'-Biphenyl	9.304	154	564514	48.453	ng	98
47) 2-Chloronaphthalene	9.328	162	404639	47.468	ng	96
48) 2-Nitroaniline	9.428	65	136147	43.823	ng	98
49) Acenaphthylene	9.745	152	629089	43.201	ng	100
50) Dimethylphthalate	9.604	163	499295	47.357	ng	100
51) 2,6-Dinitrotoluene	9.675	165	101218	44.573	ng	95
52) Acenaphthene	9.916	154	370688	43.870	ng	98
53) 3-Nitroaniline	9.845	138	106877	39.232	ng	98
54) 2,4-Dinitrophenol	9.957	184	5312	7.719	ng	84
55) Dibenzofuran	10.092	168	560552	42.448	ng	98
56) 4-Nitrophenol	10.010	139	145845	76.536	ng	96
57) 2,4-Dinitrotoluene	10.081	165	118724	39.589	ng	96
58) Fluorene	10.433	166	413477	40.246	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	96080	35.351	ng	91
60) Diethylphthalate	10.310	149	479282	43.633	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	208067	42.024	ng	99
62) 4-Nitroaniline	10.457	138	99359	36.190	ng	96
63) Azobenzene	10.586	77	424000	40.807	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	7632	5.648	ng	93
66) n-Nitrosodiphenylamine	10.545	169	371354	46.897	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	120589	45.778	ng	98
68) Hexachlorobenzene	10.986	284	132122	47.238	ng	96
69) Atrazine	11.075	200	114668	52.352	ng	96
70) Pentachlorophenol	11.186	266	137634	82.301	ng	99
71) Phenanthrene	11.404	178	545109	43.691	ng	99
72) Anthracene	11.457	178	575875	44.376	ng	99
73) Carbazole	11.616	167	543617	45.767	ng	99
74) Di-n-butylphthalate	11.945	149	651777	46.143	ng	100
75) Fluoranthene	12.598	202	663698	49.205	ng	99
77) Benzidine	12.727	184	346945	73.283	ng	100
78) Pyrene	12.833	202	703084	37.970	ng	98
80) Butylbenzylphthalate	13.451	149	299885	43.182	ng	98
81) Benzo(a)anthracene	14.033	228	612478	44.386	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	221589	50.687	ng	# 98
83) Chrysene	14.069	228	564134	42.210	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	421717	52.848	ng	100
85) Di-n-octyl phthalate	14.639	149	700128	59.711	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	387444	39.361	ng	97
88) Benzo(b)fluoranthene	15.104	252	430899	51.660	ng	99
89) Benzo(k)fluoranthene	15.133	252	412369	48.557	ng	98
90) Benzo(a)pyrene	15.480	252	336407	41.708	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	317126	39.444	ng	97
92) Benzo(g,h,i)perylene	17.562	276	313427	37.803	ng	97

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

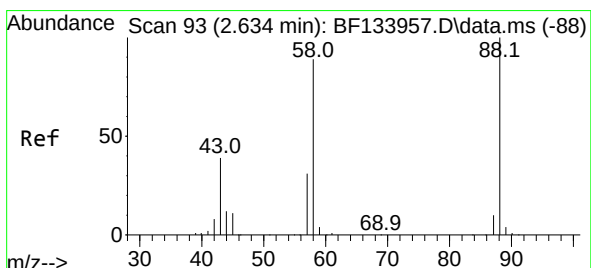
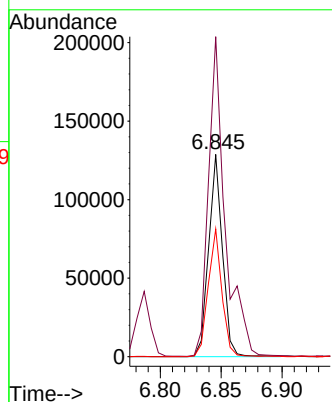
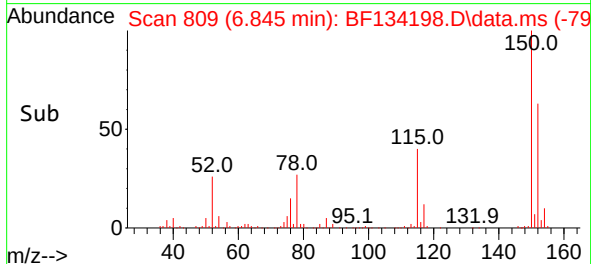


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

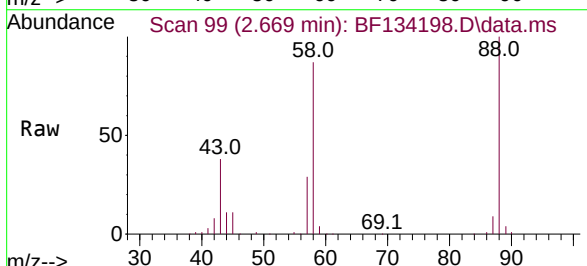
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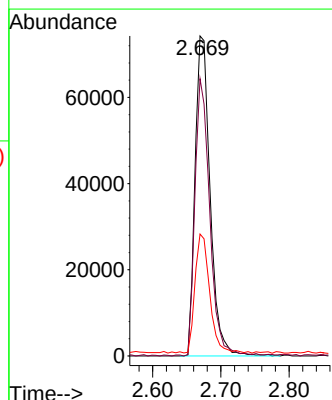
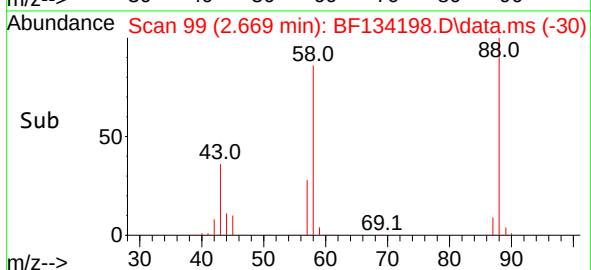
Tgt Ion:152 Resp: 101109
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.5 186.7
 115 63.1 50.2 75.2

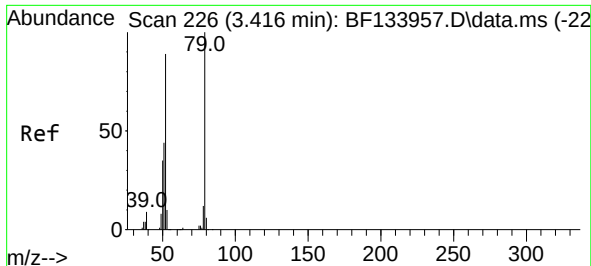


#2
 1,4-Dioxane
 Concen: 45.670 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.053 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42



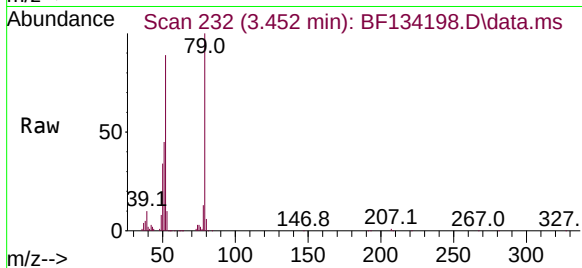
Tgt Ion: 88 Resp: 113822
 Ion Ratio Lower Upper
 88 100
 58 84.9 68.8 103.2
 43 36.0 30.7 46.1



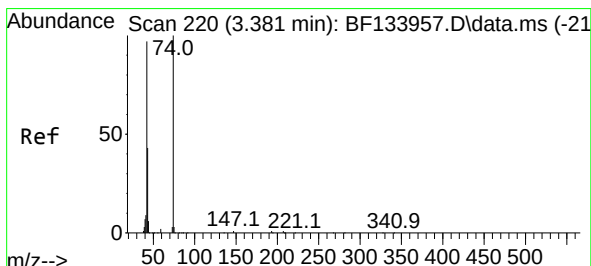
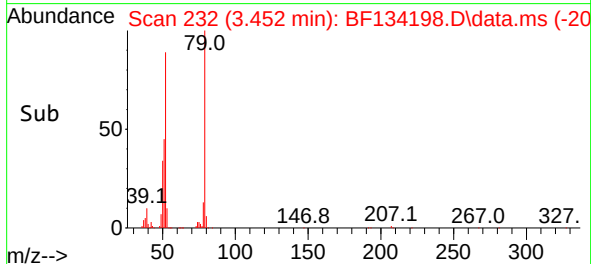
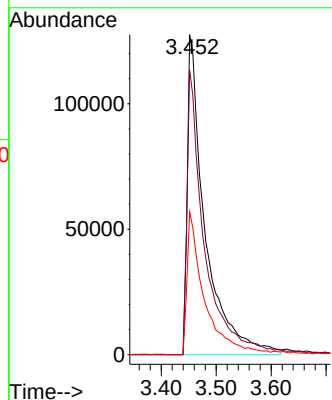


#3
Pyridine
Concen: 43.959 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Instrument :
BNA_F
ClientSampleId :

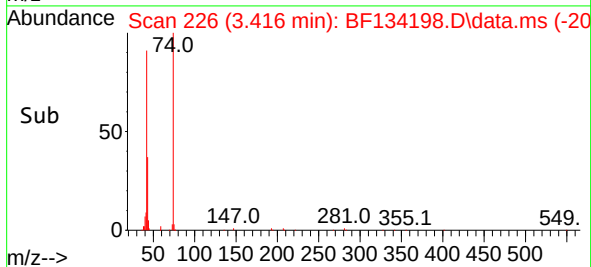
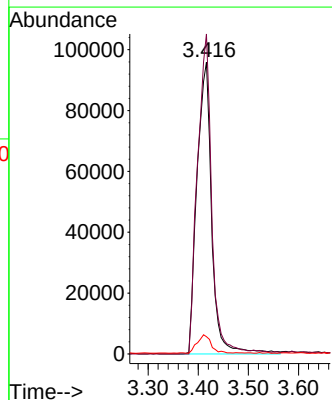
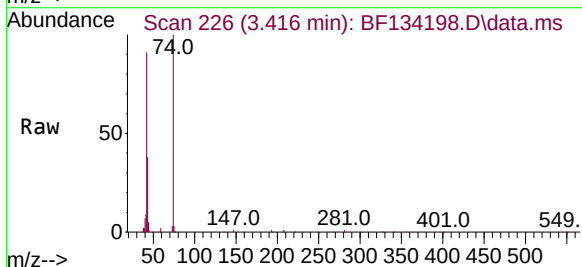


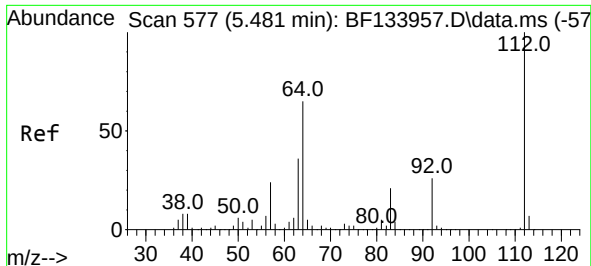
Tgt Ion: 79 Resp: 285371
Ion Ratio Lower Upper
79 100
52 88.9 71.1 106.7
51 44.6 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 52.564 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.053 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion: 42 Resp: 194891
Ion Ratio Lower Upper
42 100
74 109.6 82.4 123.6
44 5.9 4.9 7.3

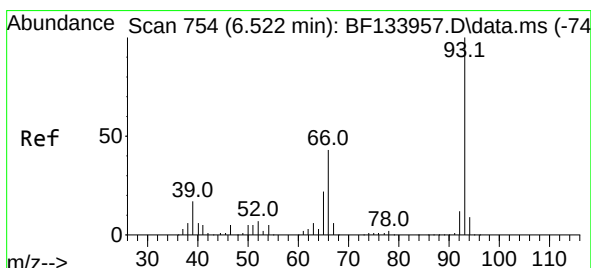
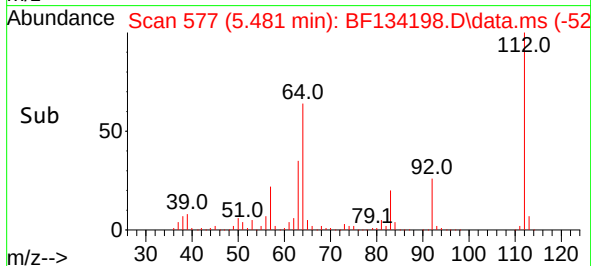
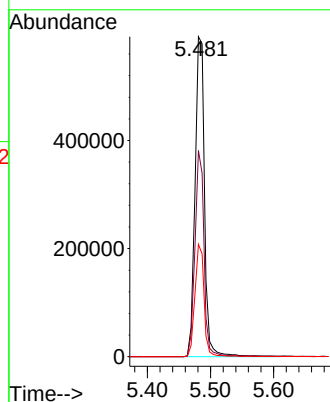
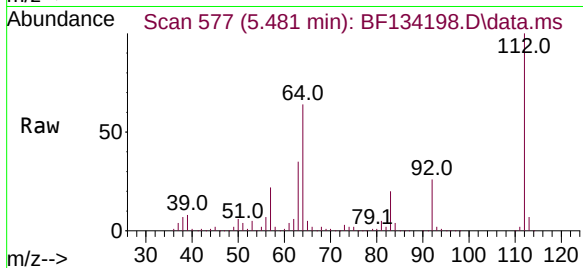




#5
2-Fluorophenol
Concen: 102.120 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

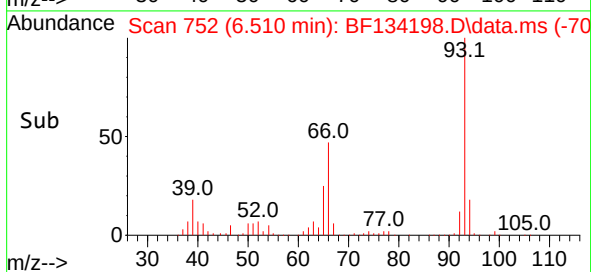
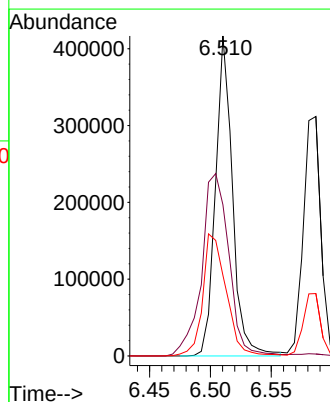
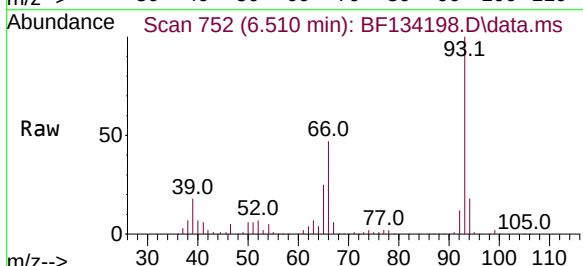
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BNA_F
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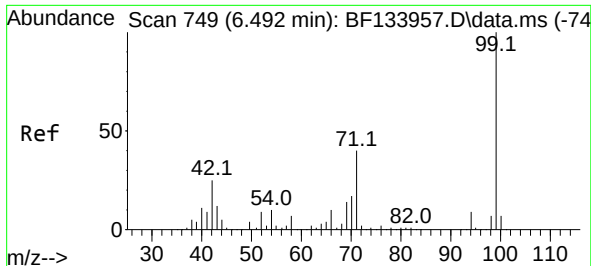
Tgt Ion:112 Resp: 617255
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 35.1 28.6 42.8



#6
Aniline
Concen: 44.958 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

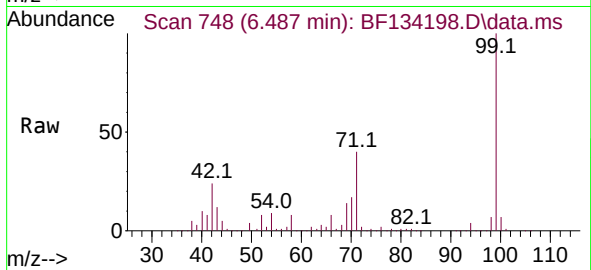
Tgt Ion: 93 Resp: 406670
Ion Ratio Lower Upper
93 100
66 47.3 34.5 51.7
65 25.2 17.8 26.6



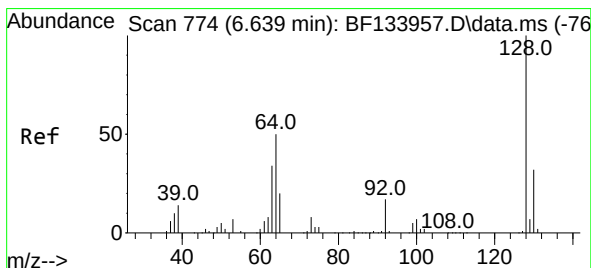
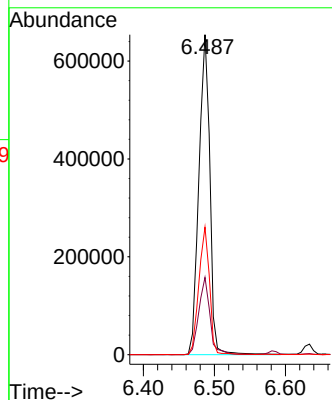
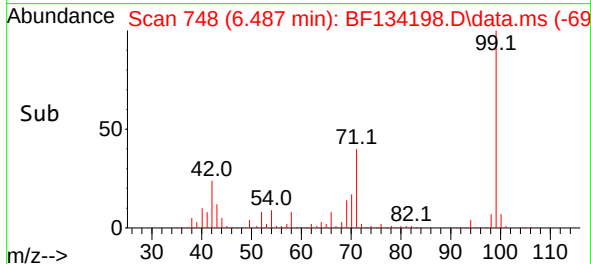


#7
Phenol-d6
Concen: 94.650 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

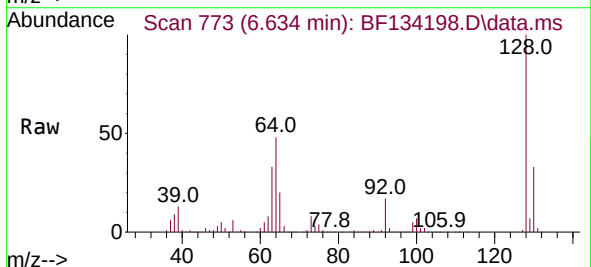
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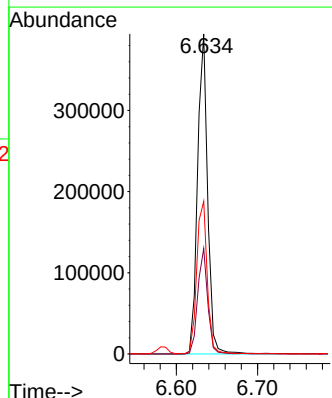
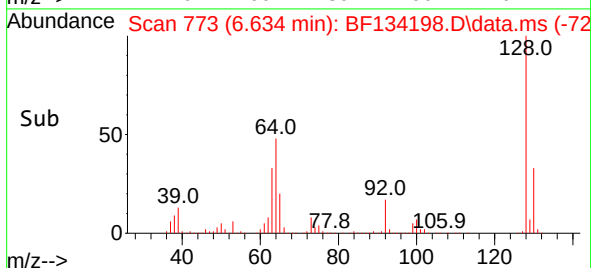
Tgt Ion: 99 Resp: 703572
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 39.8 31.9 47.9

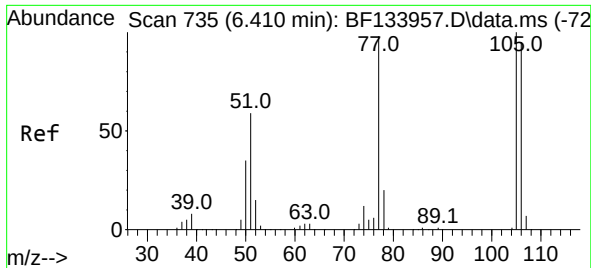


#8
2-Chlorophenol
Concen: 55.654 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42



Tgt Ion: 128 Resp: 341483
Ion Ratio Lower Upper
128 100
130 32.9 11.7 51.7
64 47.7 31.3 71.3





#9

Benzaldehyde

Concen: 72.085 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

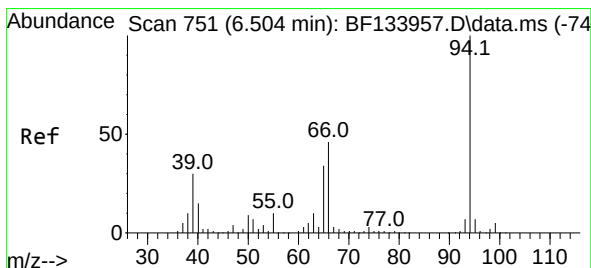
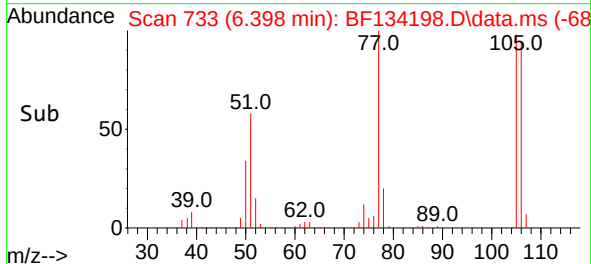
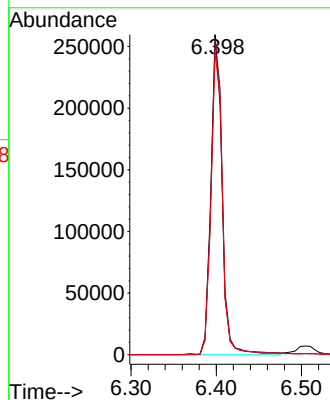
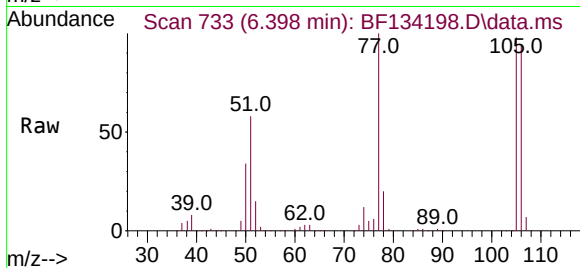
Tgt Ion: 77 Resp: 235525

Ion Ratio Lower Upper

77 100

105 98.5 82.0 122.0

106 94.5 76.9 116.9



#10

Phenol

Concen: 51.733 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

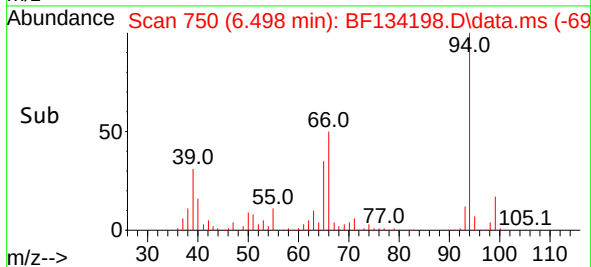
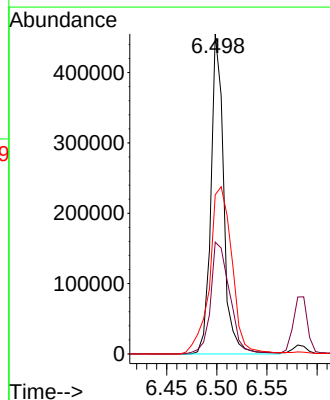
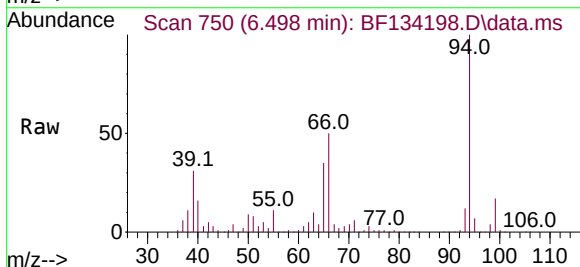
Tgt Ion: 94 Resp: 404332

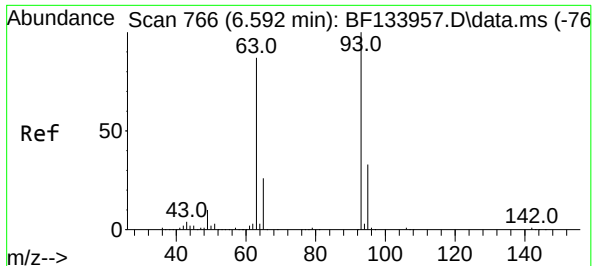
Ion Ratio Lower Upper

94 100

65 35.0 14.2 54.2

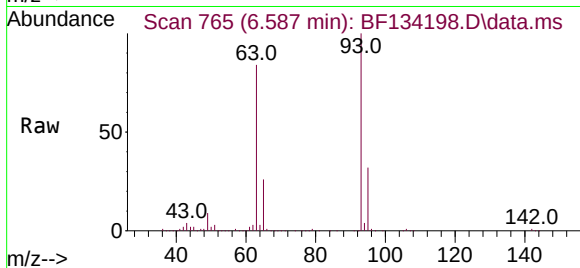
66 49.7 26.4 66.4



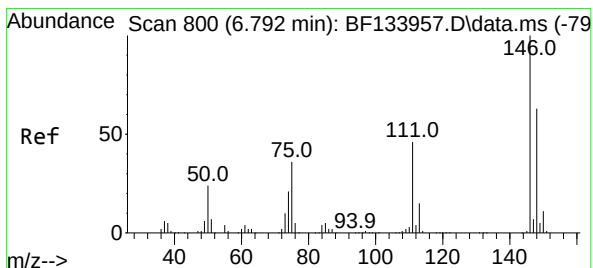
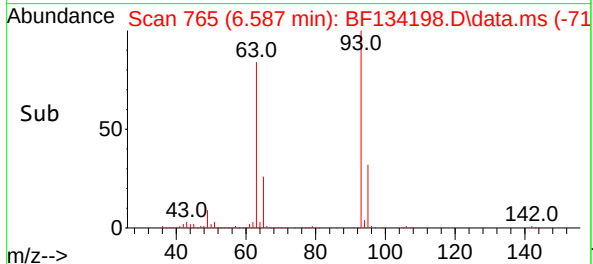
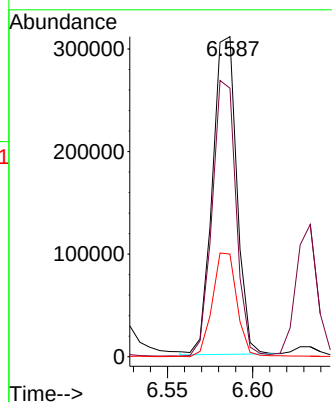


#11
bis(2-Chloroethyl)ether
Concen: 53.508 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Instrument :
BNA_F
ClientSampleId :

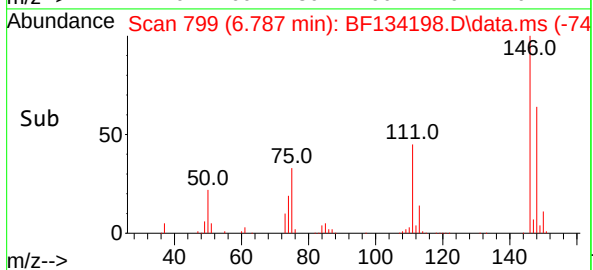
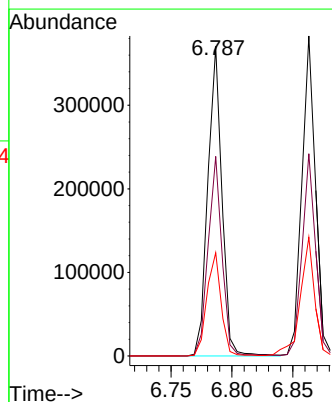
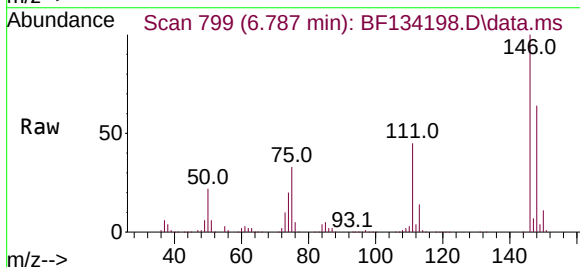


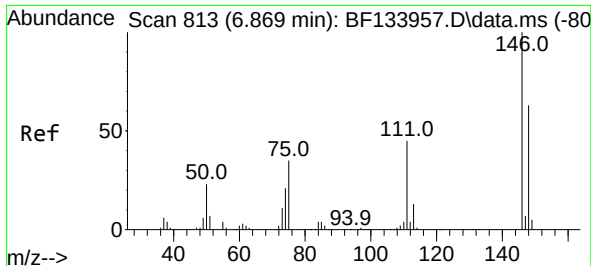
Tgt Ion: 93 Resp: 307890
Ion Ratio Lower Upper
93 100
63 83.9 66.5 106.5
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.603 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion: 146 Resp: 298312
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 33.4 29.0 43.6

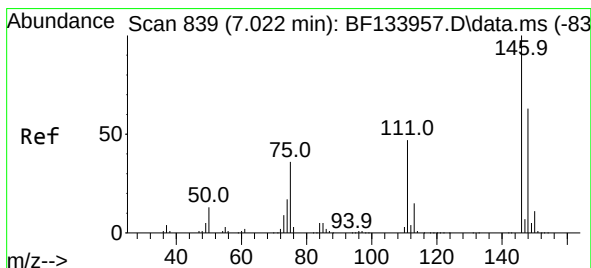
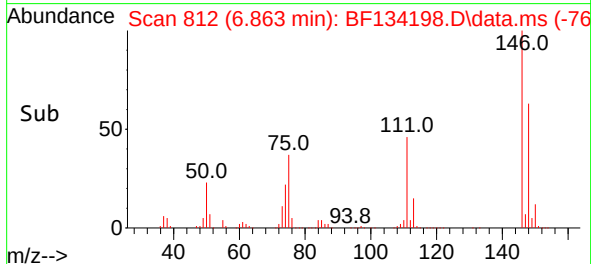
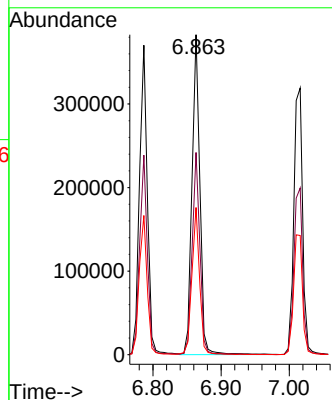
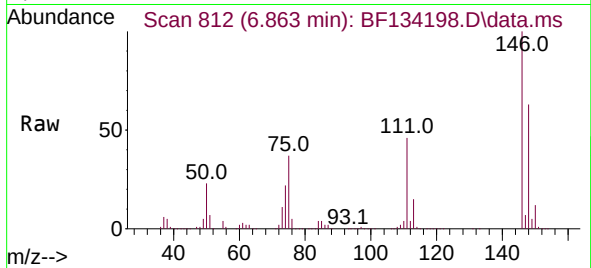




#13
1,4-Dichlorobenzene
Concen: 46.146 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

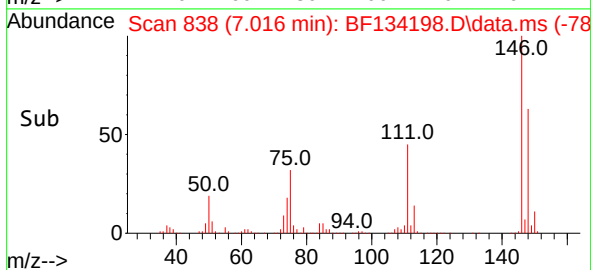
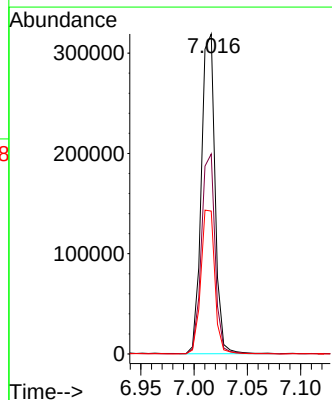
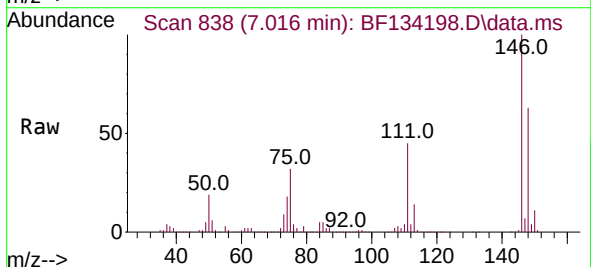
Instrument :
BNA_F
ClientSampleId :

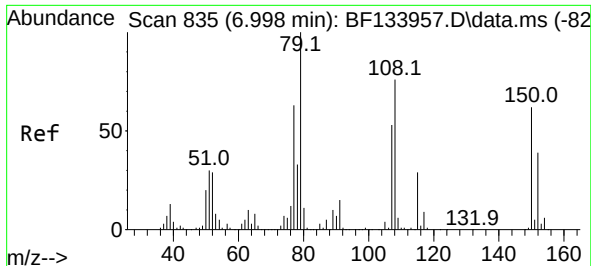
Tgt Ion:146 Resp: 304897
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 46.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 46.184 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:146 Resp: 285785
Ion Ratio Lower Upper
146 100
148 62.5 50.6 76.0
111 44.7 38.0 57.0

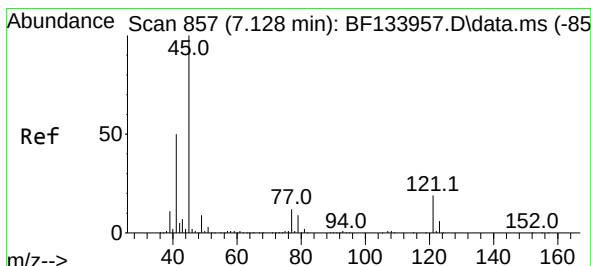
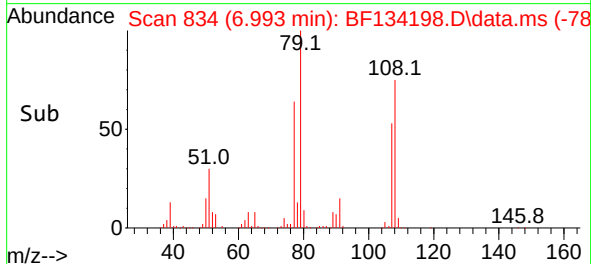
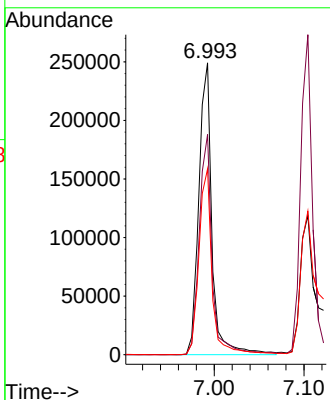
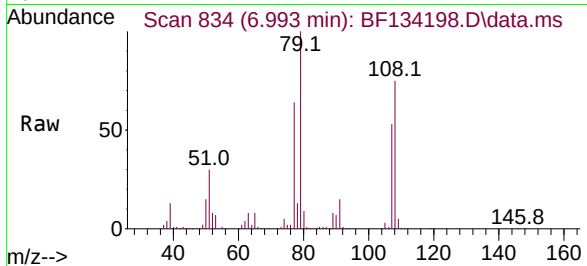




#15
Benzyl Alcohol
Concen: 44.116 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

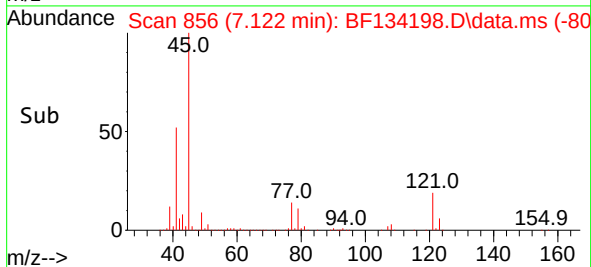
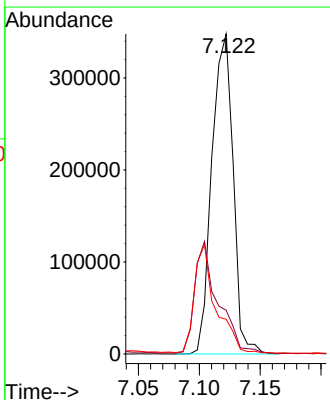
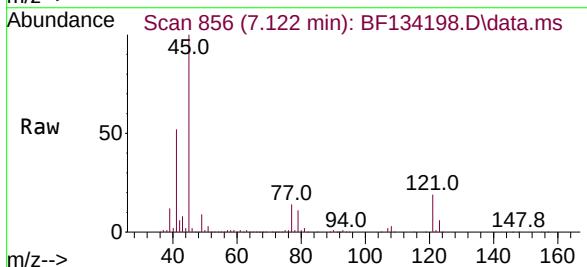
Instrument :
BNA_F
ClientSampleId :

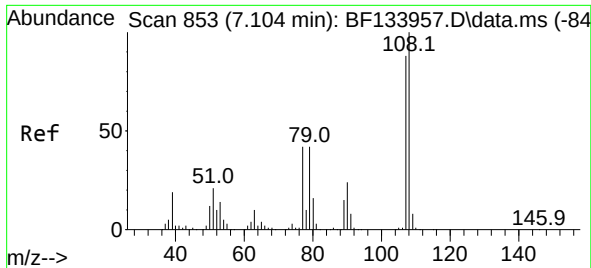
Tgt Ion: 79 Resp: 252805
Ion Ratio Lower Upper
79 100
108 75.4 60.7 91.1
77 63.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.432 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

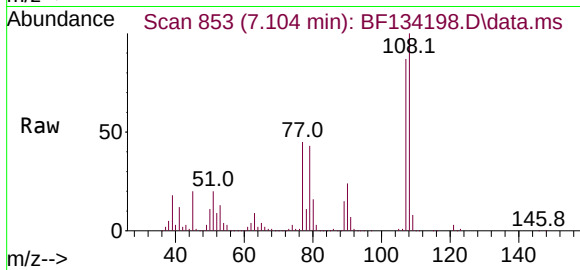
Tgt Ion: 45 Resp: 421767
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.9
79 10.9 0.0 29.5



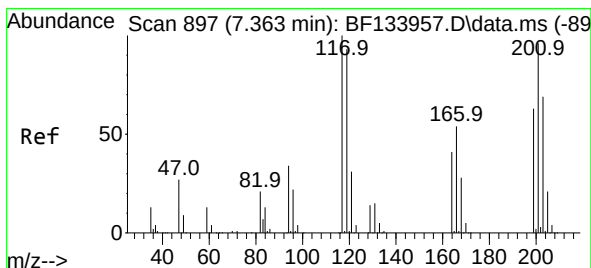
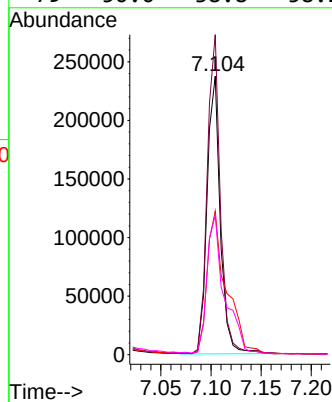
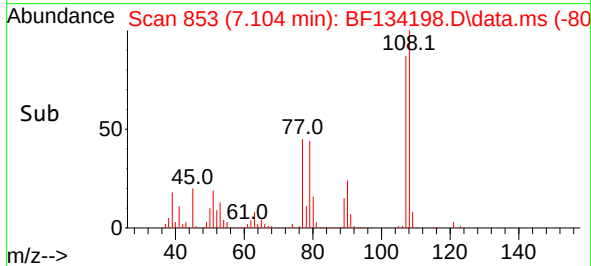


#17
2-Methylphenol
Concen: 39.812 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

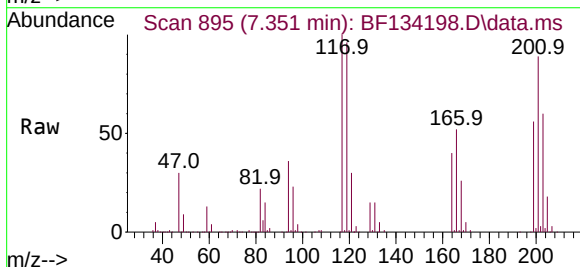
Instrument :
BNA_F
ClientSampleId :



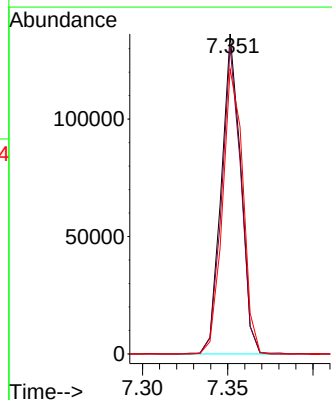
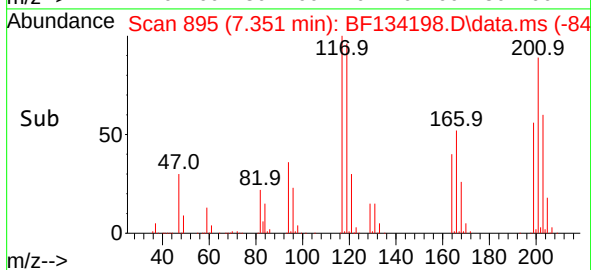
Tgt Ion:	107	Resp:	218745
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.6	136.0
77	51.6	38.3	57.5
79	50.0	38.8	58.2

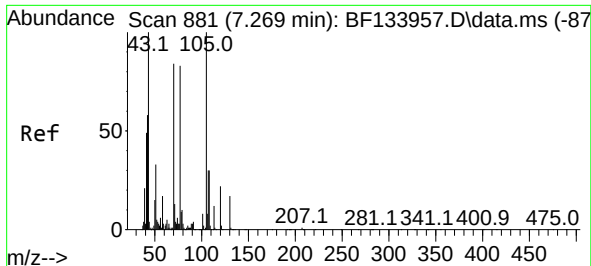


#18
Hexachloroethane
Concen: 43.831 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42



Tgt Ion:	117	Resp:	107382
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.2	111.4
201	89.0	77.2	115.8

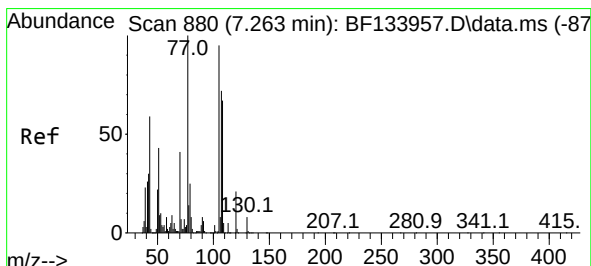
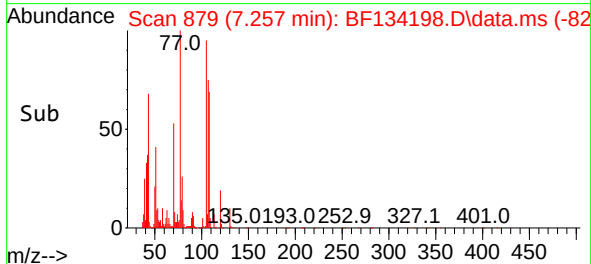
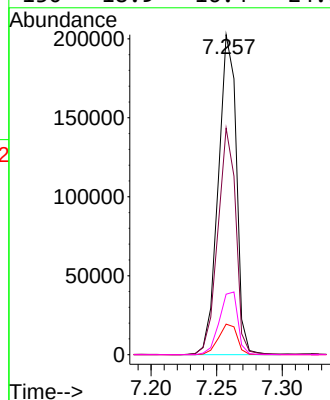
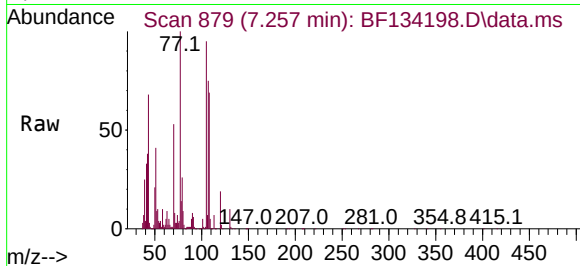




#19
n-Nitroso-di-n-propylamine
Concen: 41.299 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

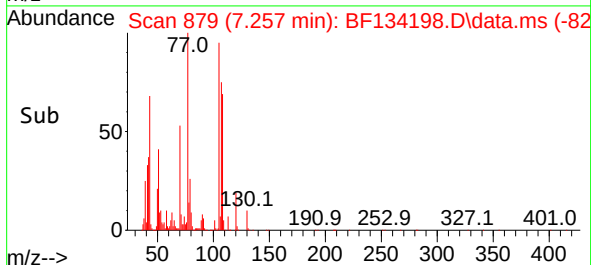
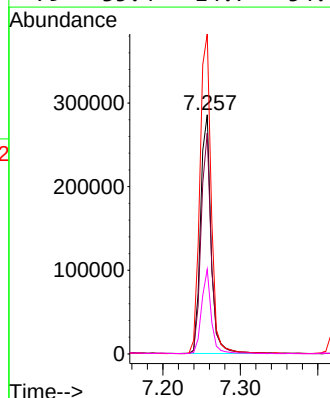
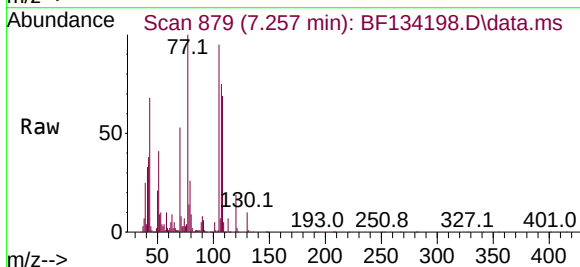
Instrument :
BNA_F
ClientSampleId :

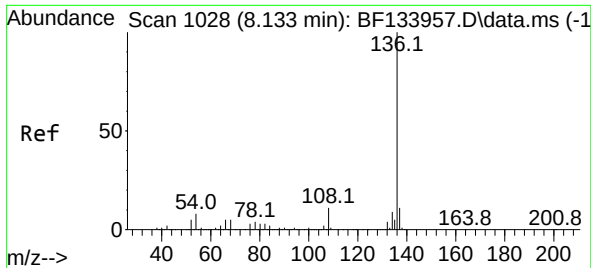
Tgt Ion: 70 Resp: 194687
Ion Ratio Lower Upper
70 100
42 70.8 54.7 82.1
101 9.6 7.7 11.5
130 18.9 16.4 24.6



#20
3+4-Methylphenols
Concen: 40.370 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion: 107 Resp: 269095
Ion Ratio Lower Upper
107 100
108 92.4 73.2 113.2
77 133.8 118.3 158.3
79 35.4 14.7 54.7

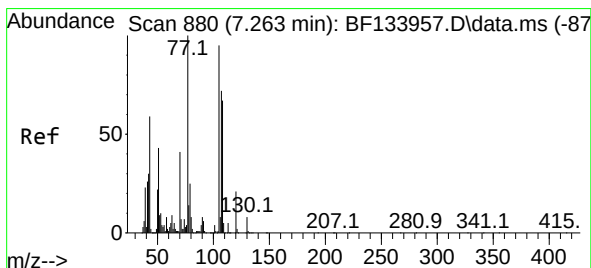
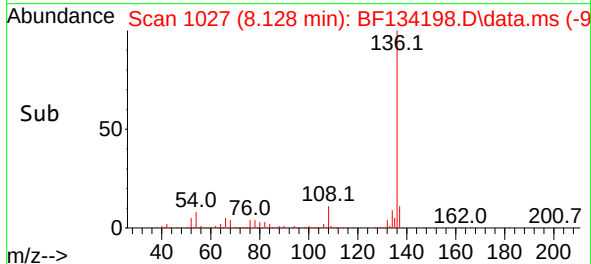
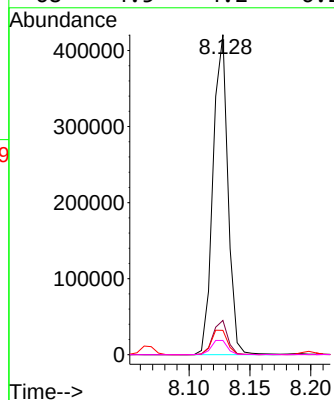
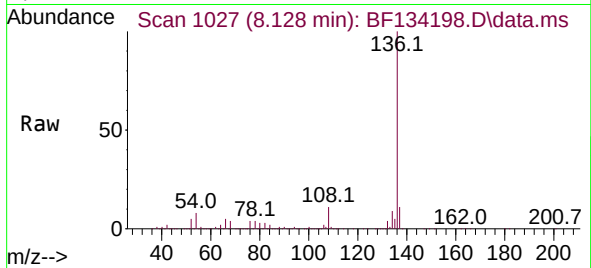




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

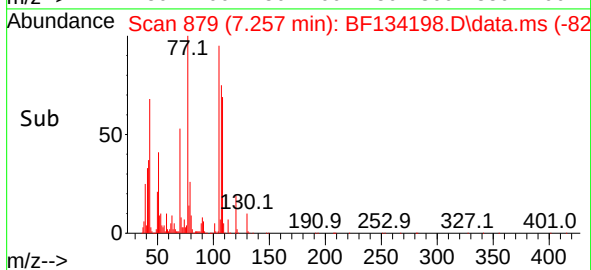
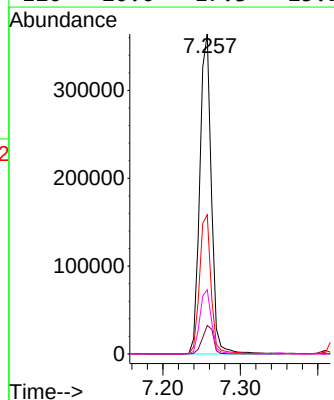
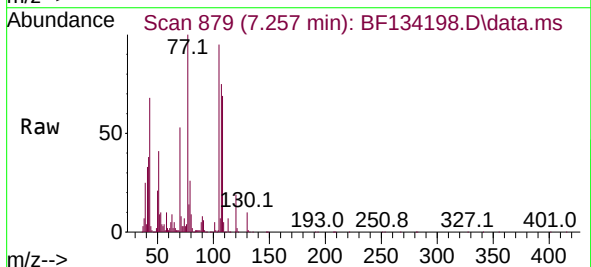
Instrument :
BNA_F
ClientSampleId :

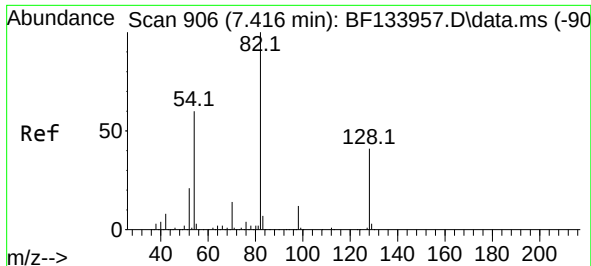
Tgt Ion:136 Resp: 357898
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.6 6.5 9.7
68 4.5 4.2 6.2



#22
Acetophenone
Concen: 46.392 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:105 Resp: 377610
Ion Ratio Lower Upper
105 100
71 8.9 5.5 8.3#
51 43.5 36.5 54.7
120 20.0 17.3 25.9

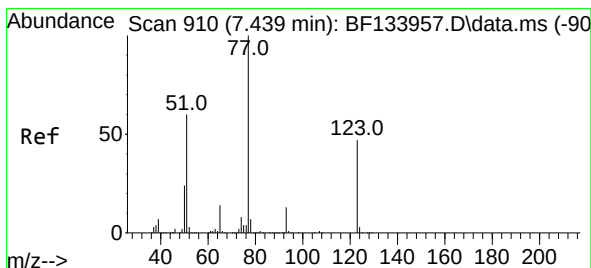
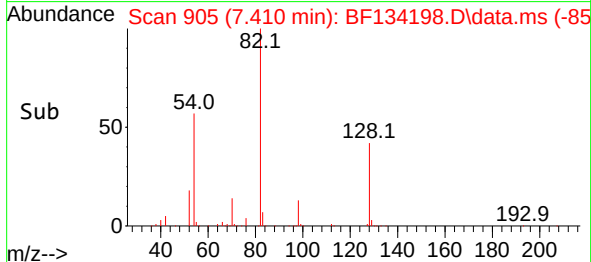
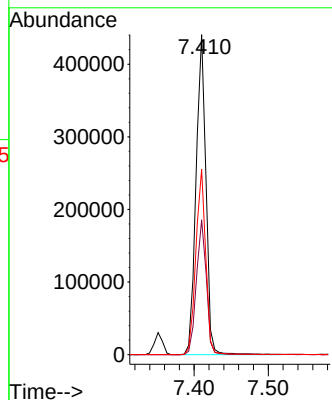
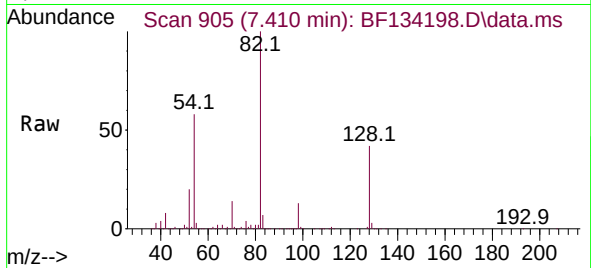




#23
Nitrobenzene-d5
Concen: 61.615 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

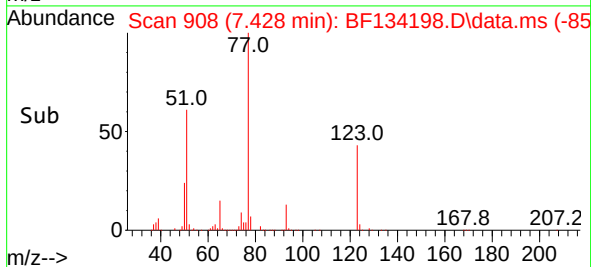
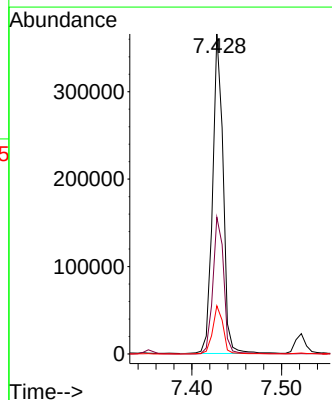
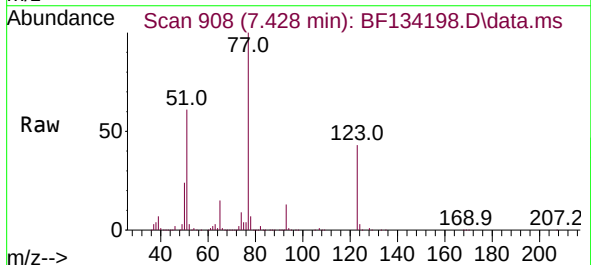
Instrument :
BNA_F
ClientSampleId :

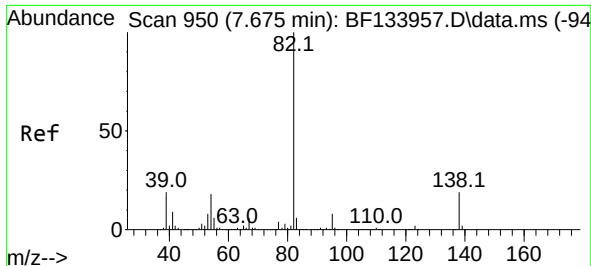
Tgt Ion: 82 Resp: 409083
Ion Ratio Lower Upper
82 100
128 42.2 32.5 48.7
54 57.9 48.2 72.2



#24
Nitrobenzene
Concen: 44.363 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion: 77 Resp: 297646
Ion Ratio Lower Upper
77 100
123 42.7 37.8 56.6
65 15.1 11.3 16.9

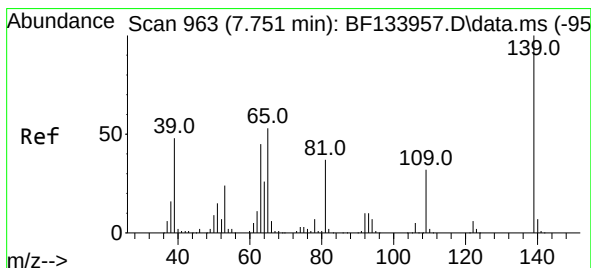
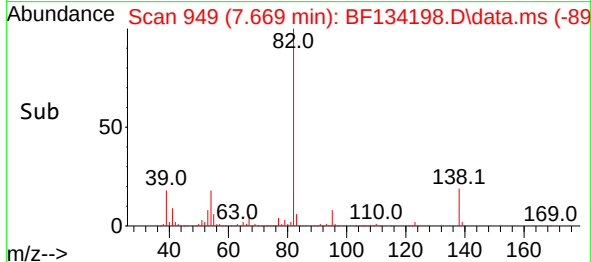
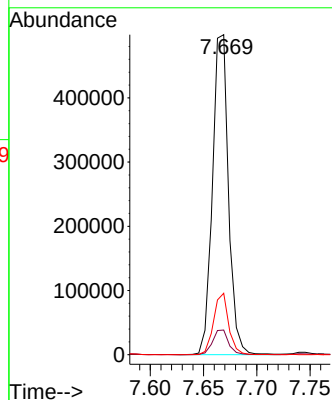
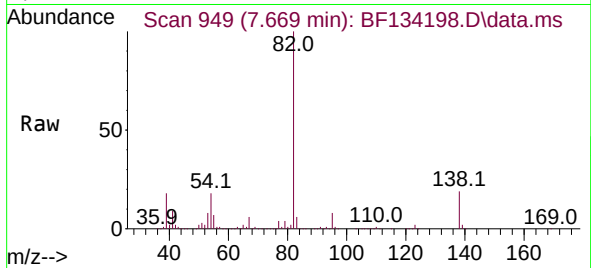




#25
Isophorone
Concen: 43.421 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

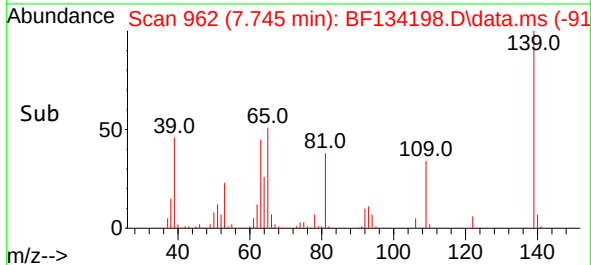
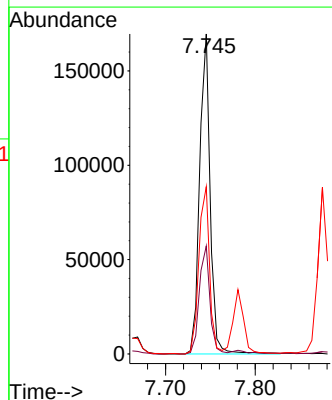
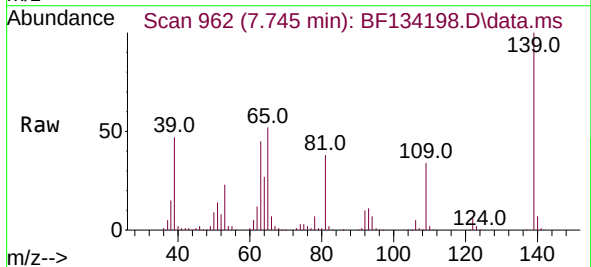
Instrument :
BNA_F
ClientSampleId :

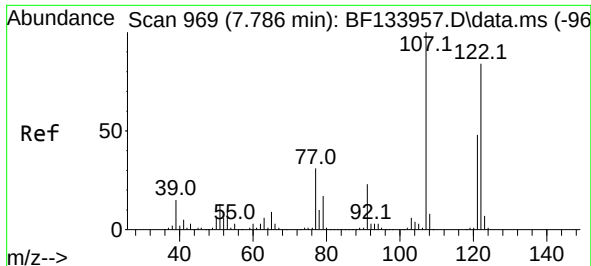
Tgt Ion: 82 Resp: 523941
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.2 15.2 22.8



#26
2-Nitrophenol
Concen: 42.959 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:139 Resp: 138265
Ion Ratio Lower Upper
139 100
109 33.7 25.8 38.8
65 52.2 42.4 63.6

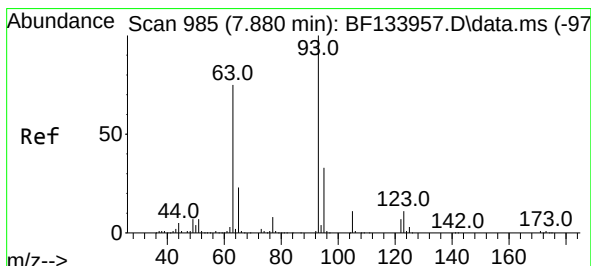
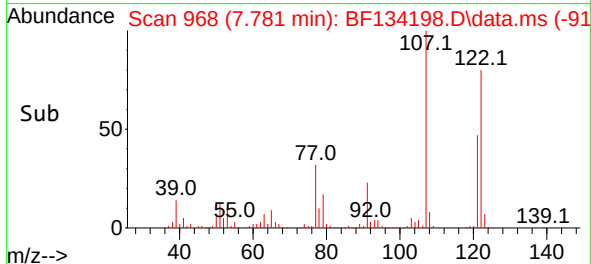
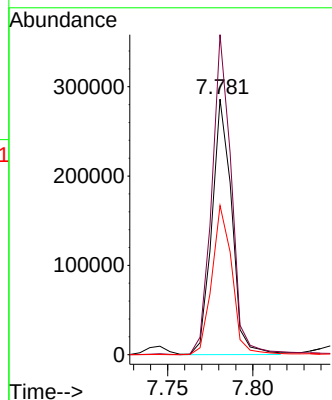
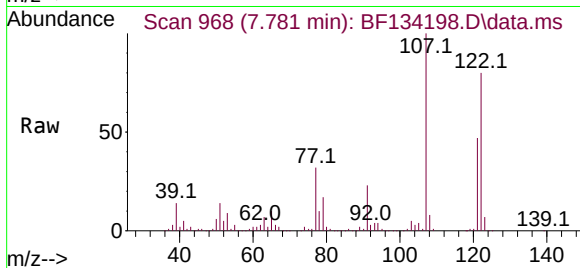




#27
2,4-Dimethylphenol
Concen: 45.418 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

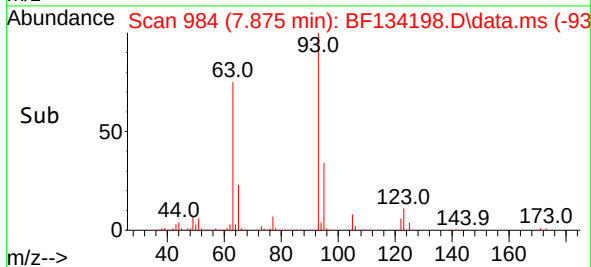
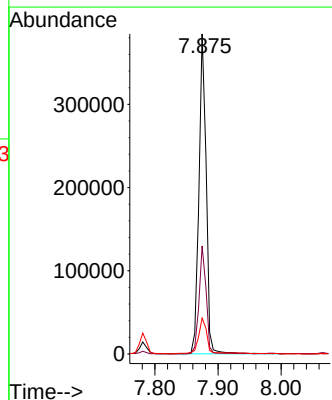
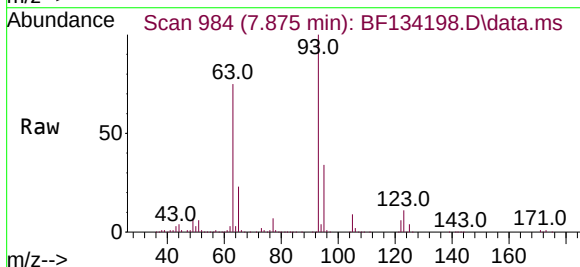
Instrument :
BNA_F
ClientSampleId :

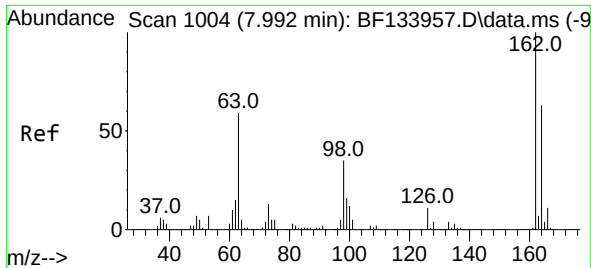
Tgt Ion:122 Resp: 231389
Ion Ratio Lower Upper
122 100
107 125.3 95.5 143.3
121 58.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.604 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion: 93 Resp: 304656
Ion Ratio Lower Upper
93 100
95 33.8 26.5 39.7
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.899 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

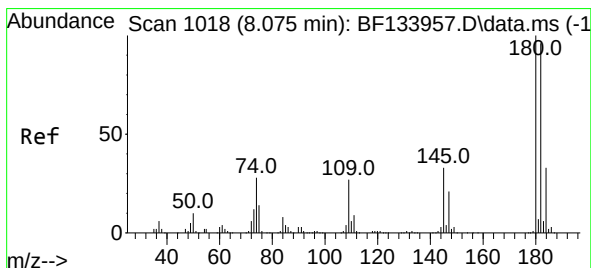
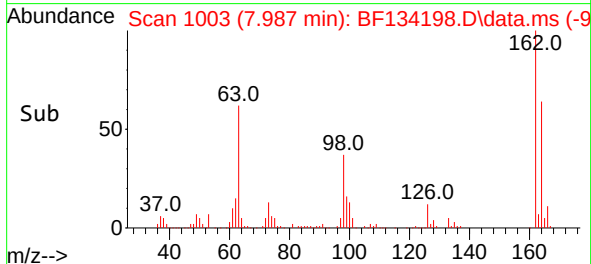
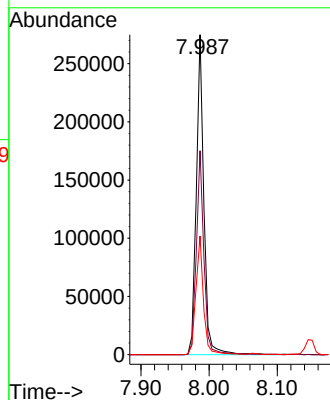
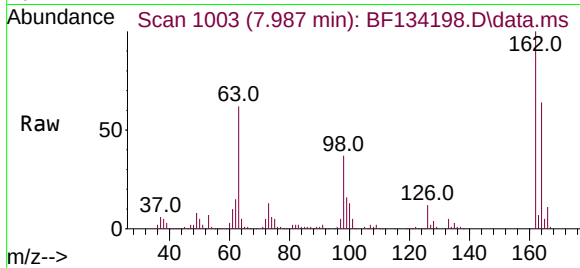
Tgt Ion:162 Resp: 211672

Ion Ratio Lower Upper

162 100

164 63.7 43.2 83.2

98 37.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.290 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

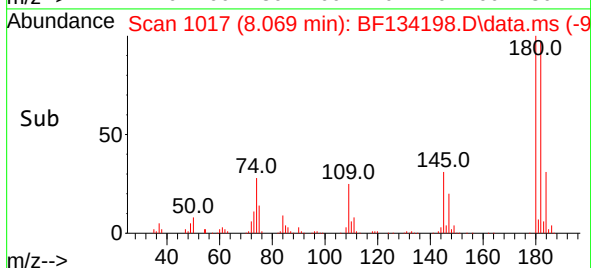
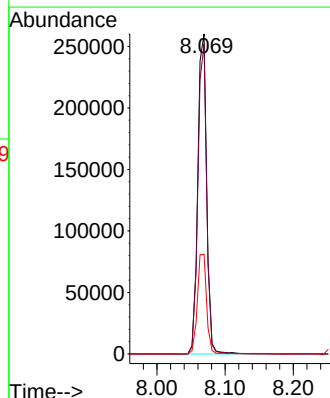
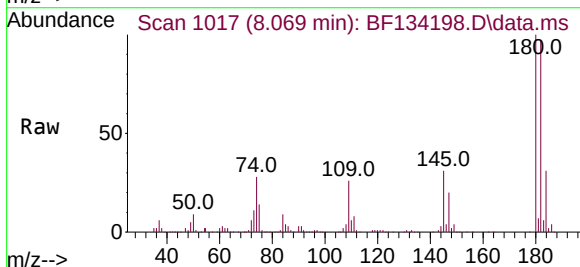
Tgt Ion:180 Resp: 236087

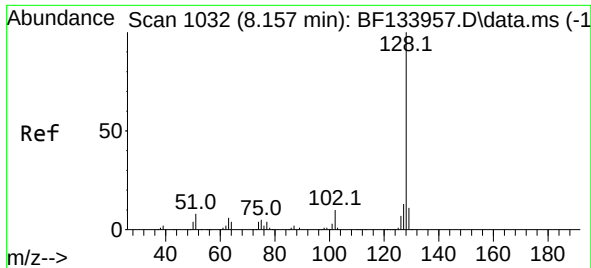
Ion Ratio Lower Upper

180 100

182 96.9 77.1 115.7

145 31.2 26.0 39.0

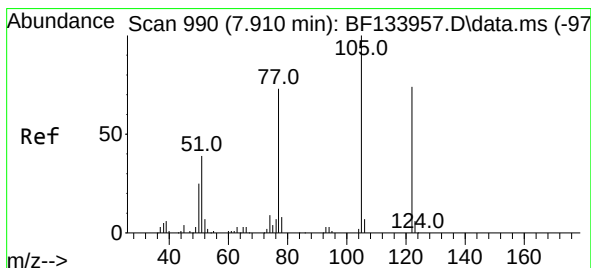
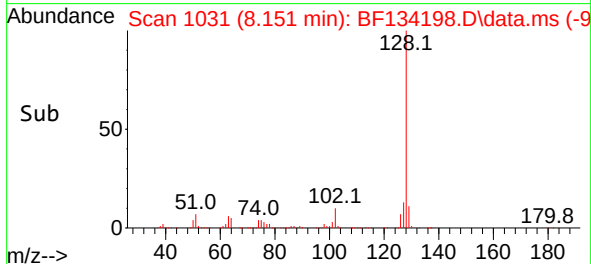
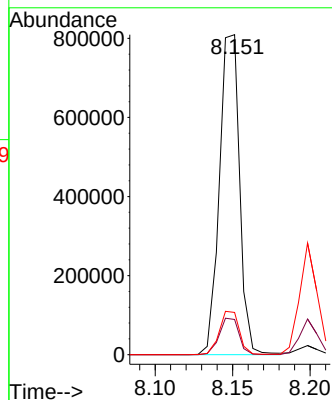
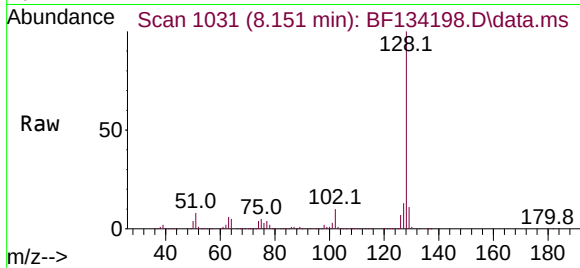




#31
Naphthalene
Concen: 42.478 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

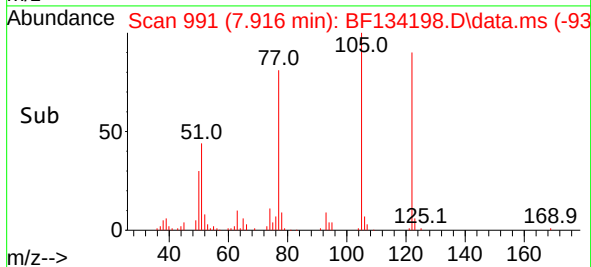
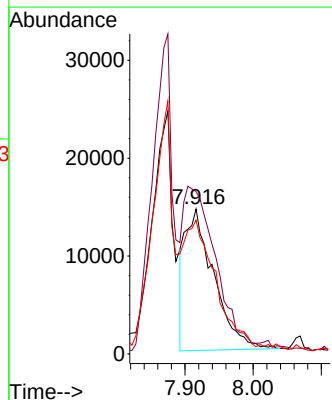
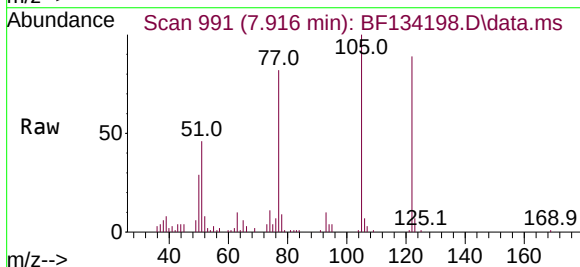
Instrument :
BNA_F
ClientSampleId :

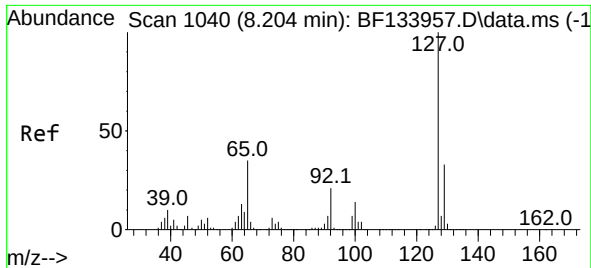
Tgt Ion:128 Resp: 734346
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 11.231 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:122 Resp: 42876
Ion Ratio Lower Upper
122 100
105 112.1 109.7 149.7
77 92.2 76.0 116.0

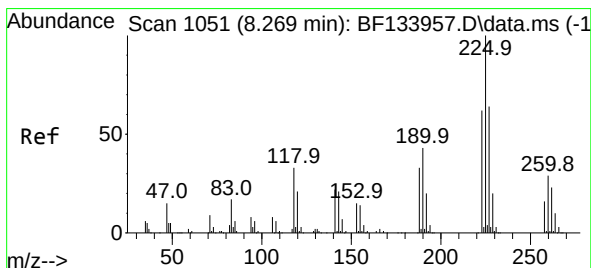
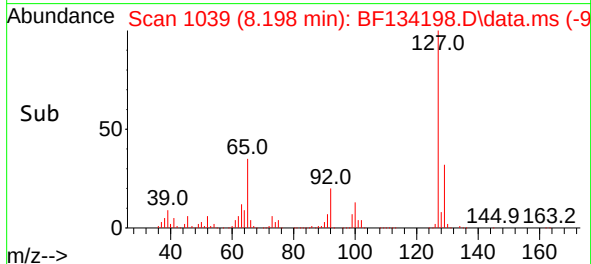
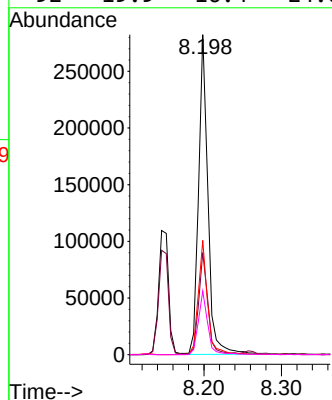
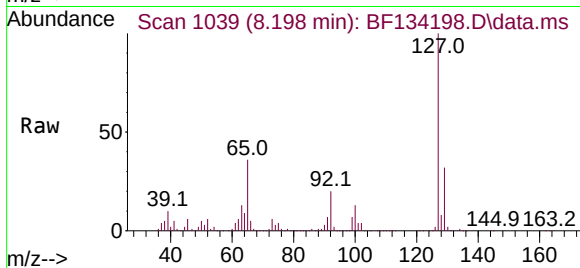




#33
4-Chloroaniline
Concen: 32.045 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

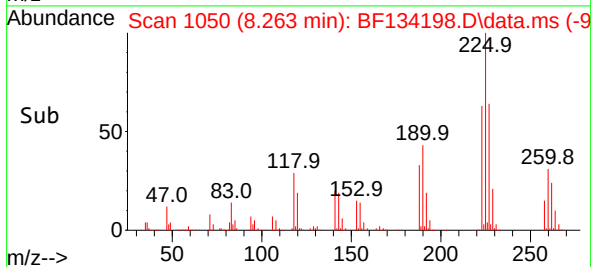
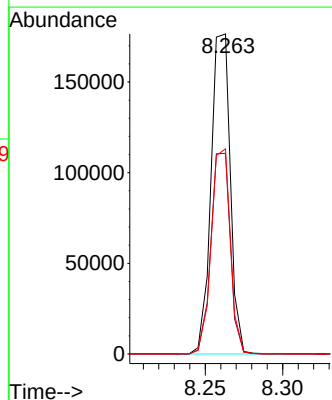
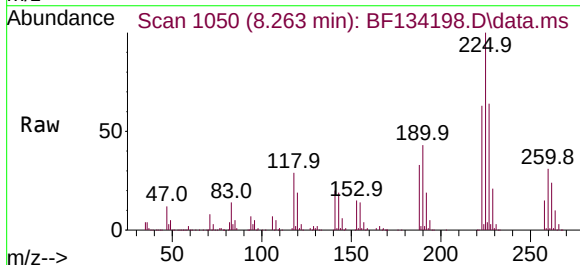
Instrument :
BNA_F
ClientSampleId :

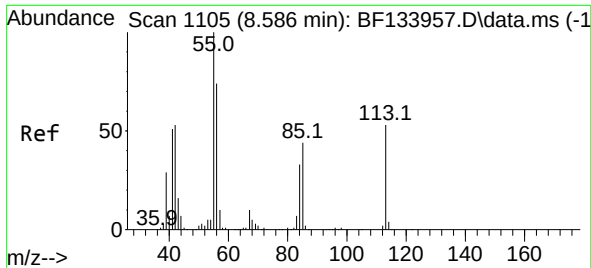
Tgt Ion:	127	Resp:	236972
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	35.7	27.8	41.8
92	19.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 46.439 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:	225	Resp:	152705
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	64.1	51.0	76.4

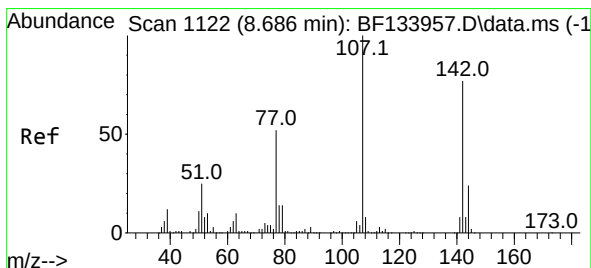
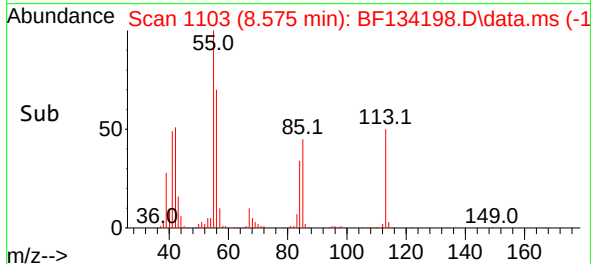
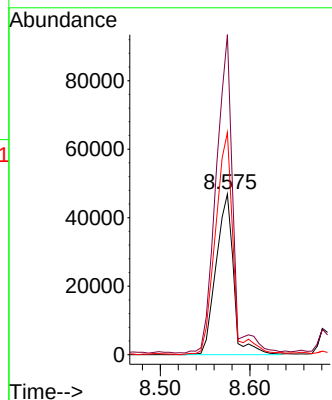
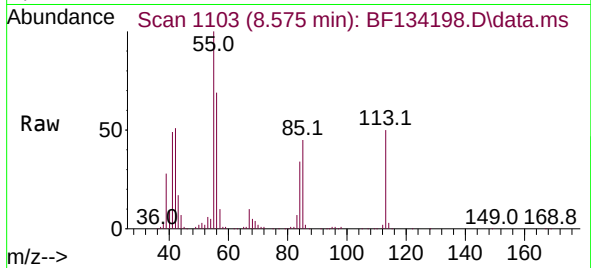




#35
 Caprolactam
 Concen: 37.976 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

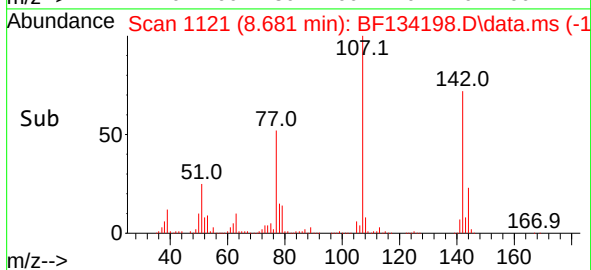
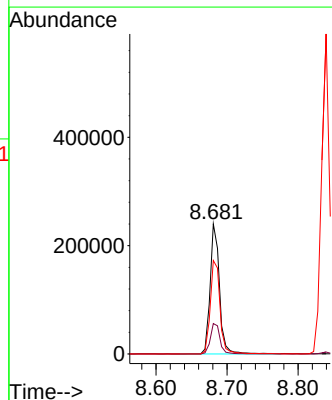
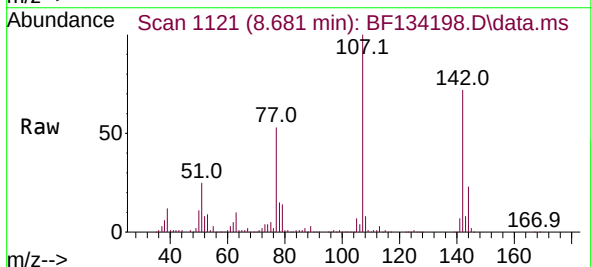
Instrument :
 BNA_F
 ClientSampleId :

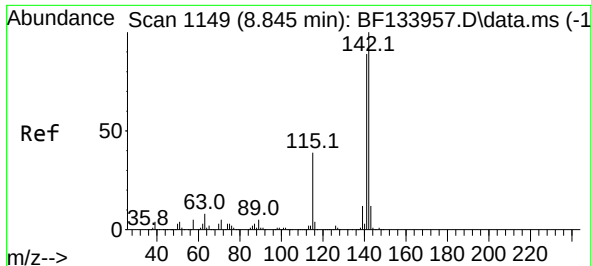
Tgt Ion:113 Resp: 63171
 Ion Ratio Lower Upper
 113 100
 55 199.3 170.2 210.2
 56 138.4 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.955 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

Tgt Ion:107 Resp: 221087
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.6 29.4
 142 71.8 61.4 92.2

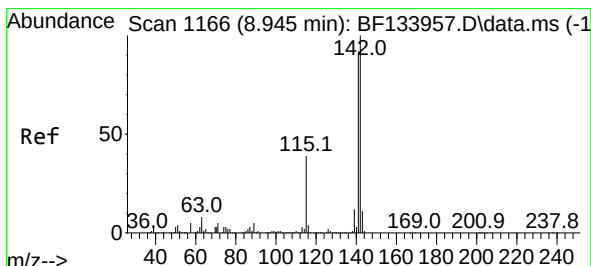
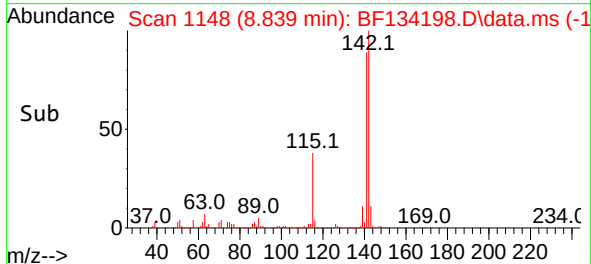
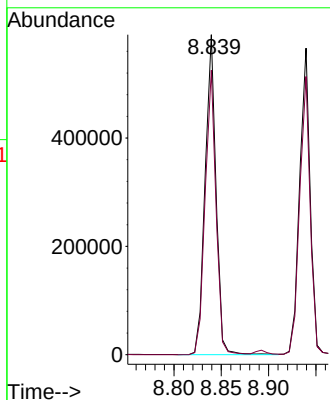
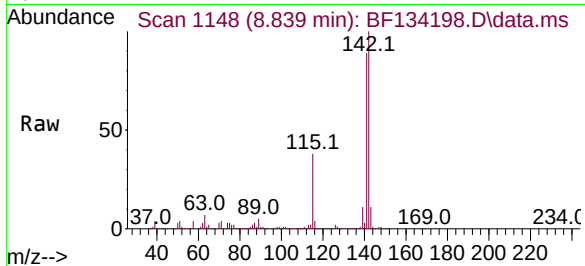




#37
2-Methylnaphthalene
Concen: 38.597 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

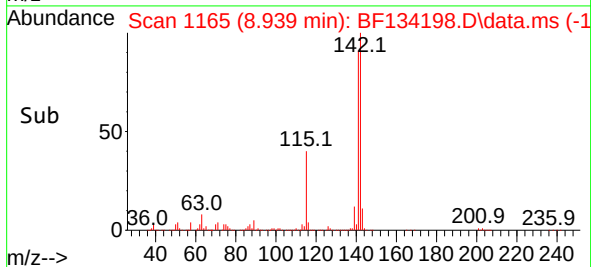
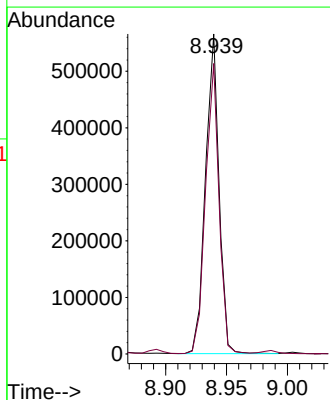
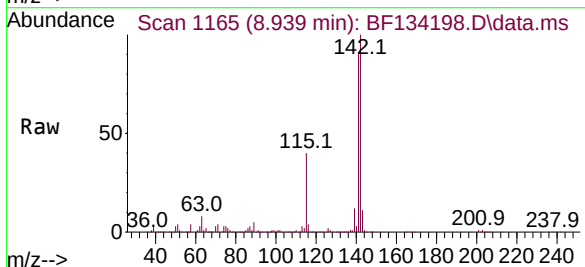
Instrument :
BNA_F
ClientSampleId :

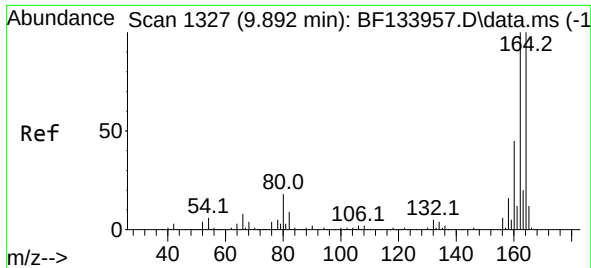
Tgt Ion:142 Resp: 471854
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.446 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

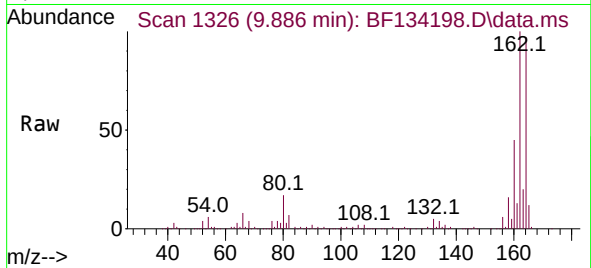
Tgt Ion:142 Resp: 436936
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3



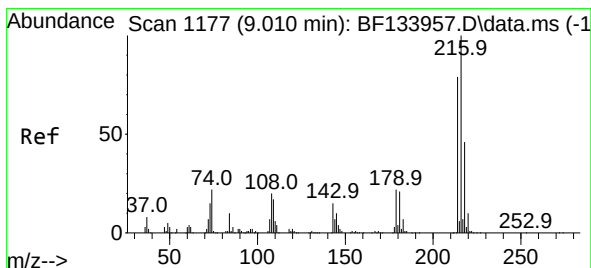
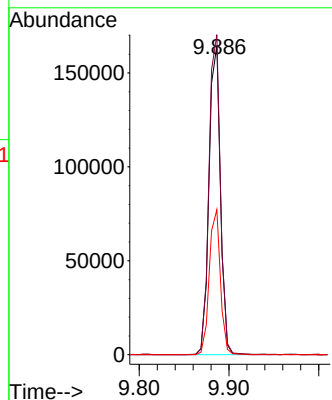
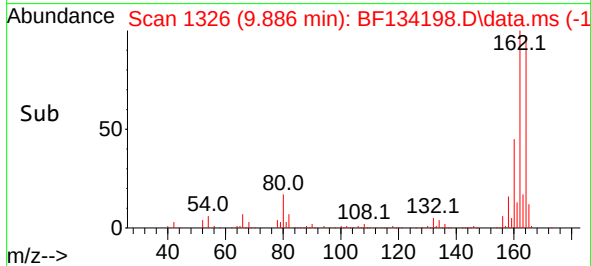


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

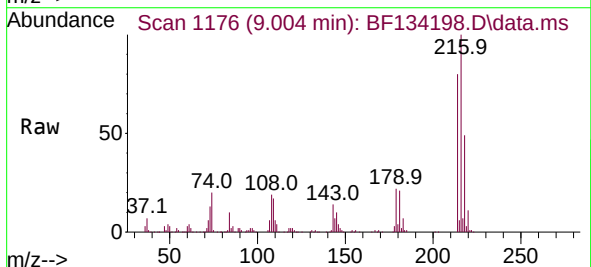
Instrument :
BNA_F
ClientSampleId :



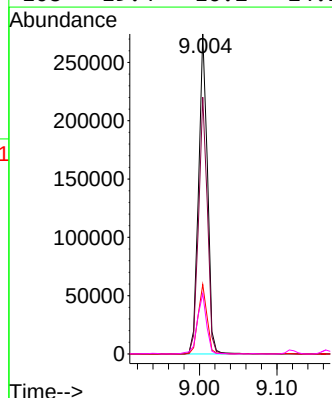
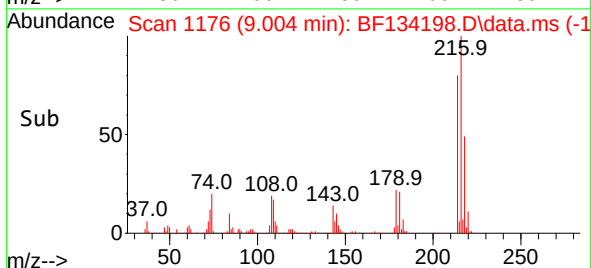
Tgt Ion:164 Resp: 145243
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 46.9 35.9 53.9

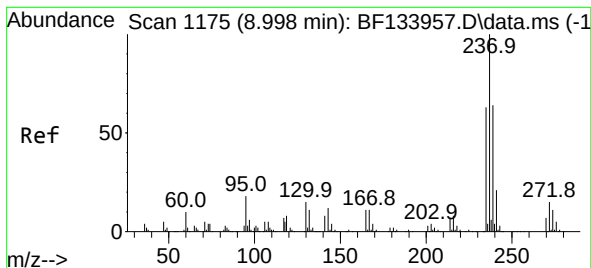


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.862 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42



Tgt Ion:216 Resp: 218861
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 21.6 17.3 25.9
108 19.4 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 14.326 ng

RT: 8.987 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF134198.D

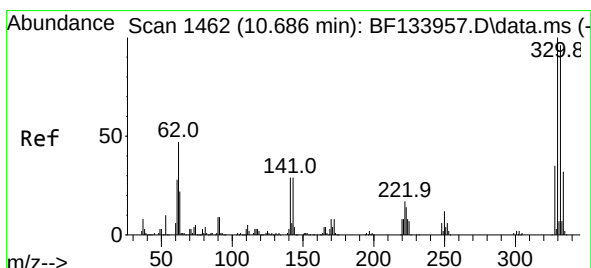
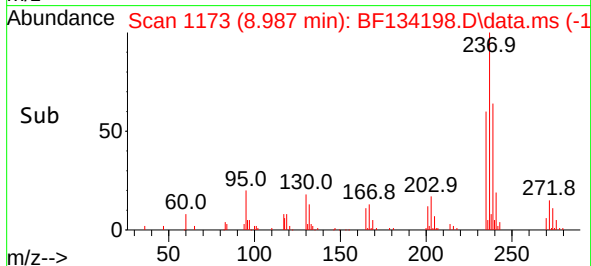
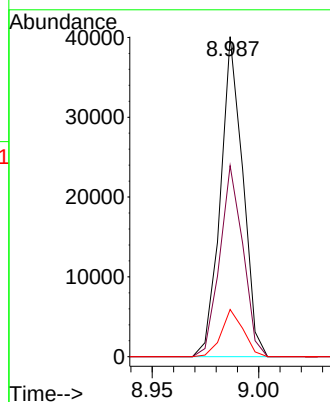
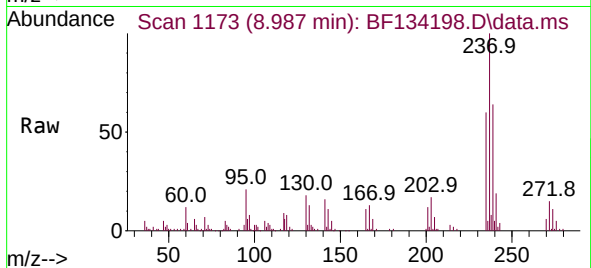
Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:237	Resp:	29246
Ion Ratio	Lower	Upper
237	100	
235	59.7	42.8 82.8
272	14.7	0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 75.166 ng

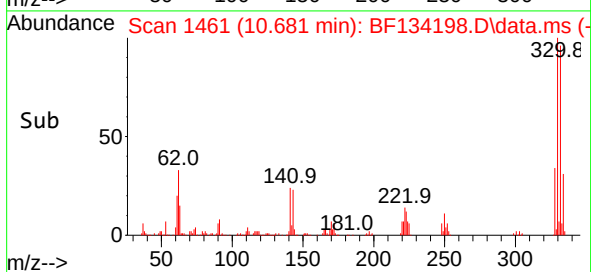
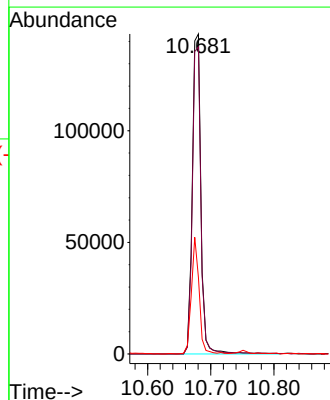
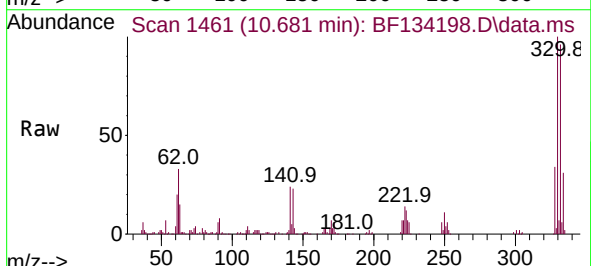
RT: 10.681 min Scan# 1461

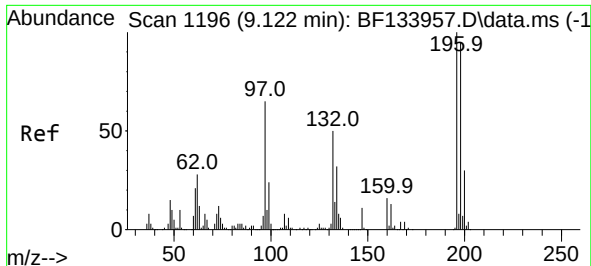
Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Tgt Ion:330	Resp:	136881
Ion Ratio	Lower	Upper
330	100	
332	95.2	77.0 115.6
141	32.9	26.3 39.5

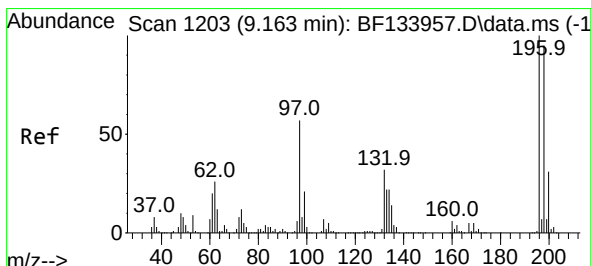
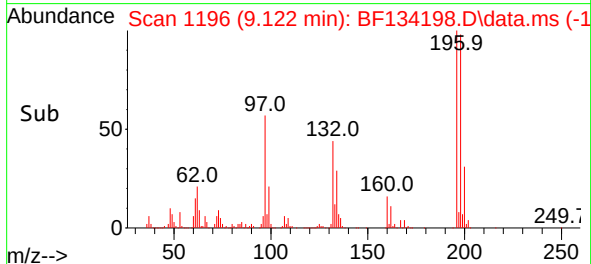
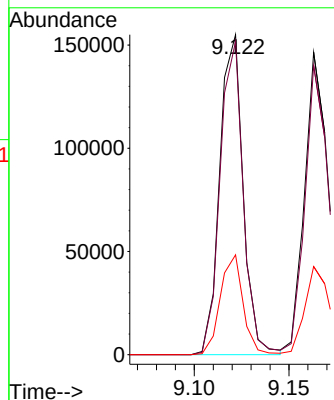
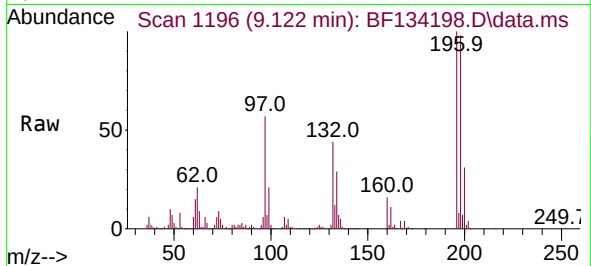




#43
 2,4,6-Trichlorophenol
 Concen: 45.501 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

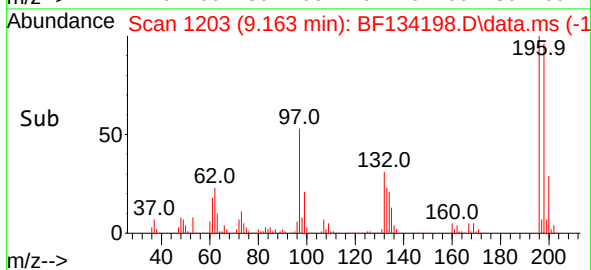
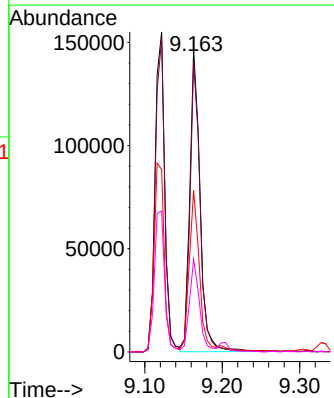
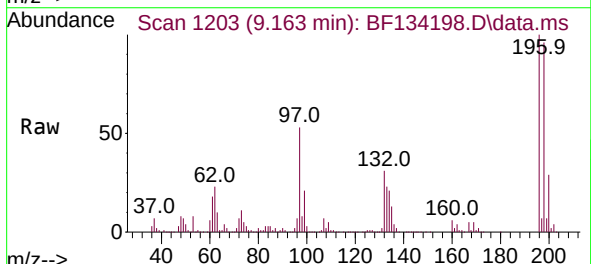
Instrument :
 BNA_F
 ClientSampleId :

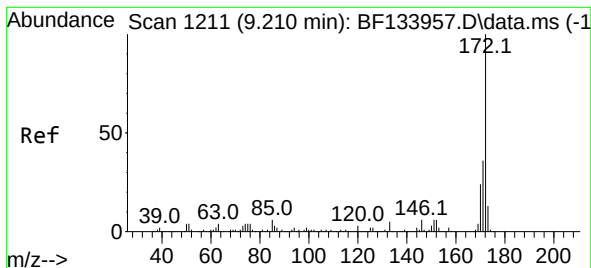
Tgt Ion:196 Resp: 133284
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.6 113.4
 200 31.2 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.290 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

Tgt Ion:196 Resp: 135380
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 97 53.4 45.8 68.6
 132 30.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 68.487 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

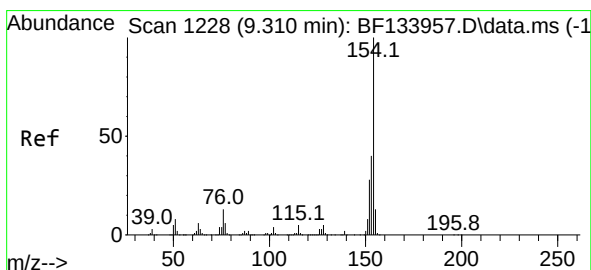
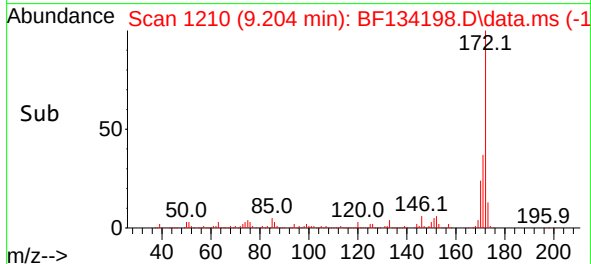
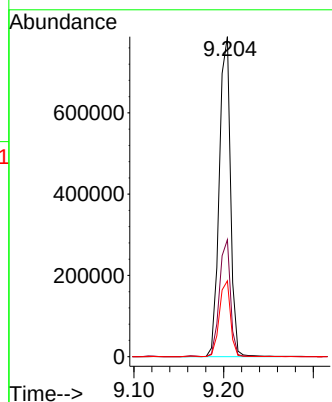
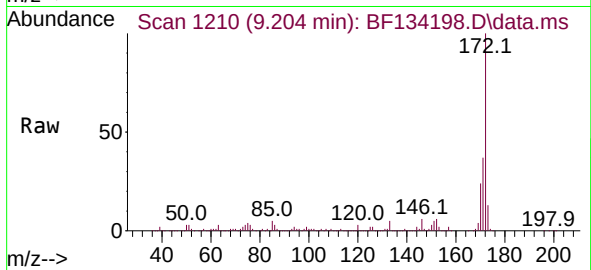
Tgt Ion:172 Resp: 684185

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 48.453 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

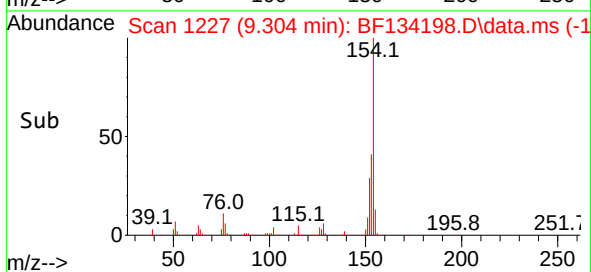
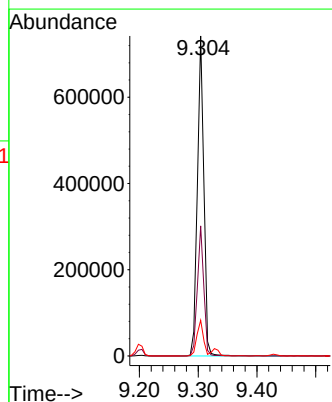
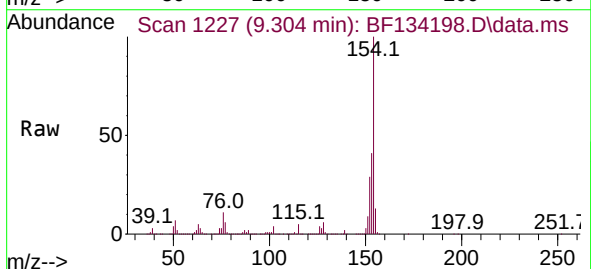
Tgt Ion:154 Resp: 564514

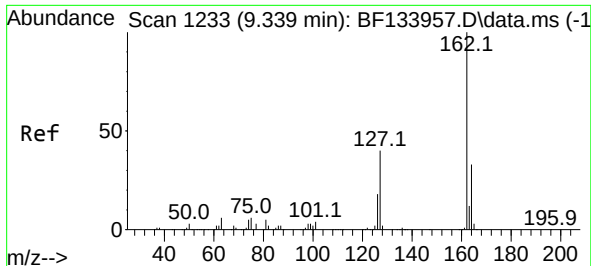
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 11.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.468 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

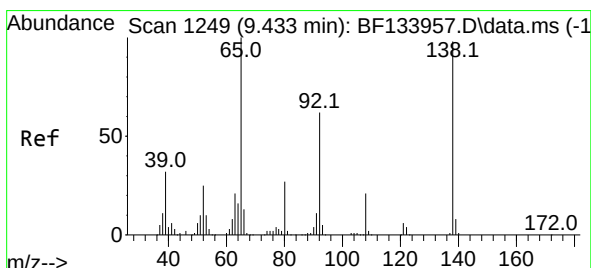
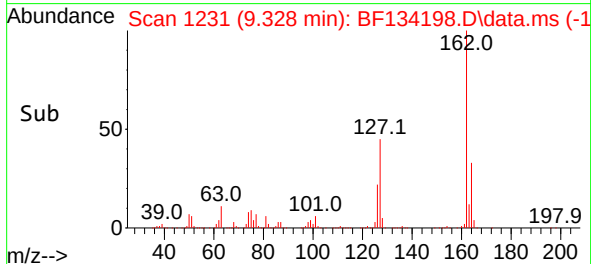
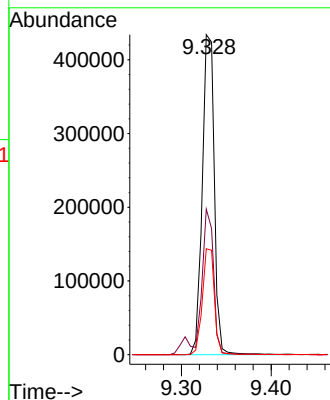
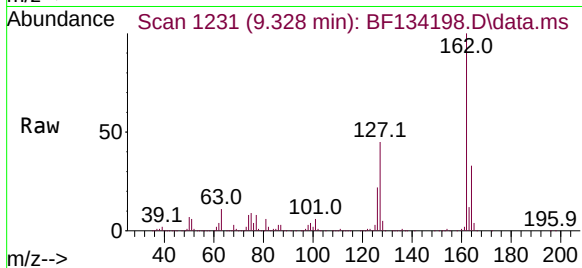
Tgt Ion:162 Resp: 404639

Ion Ratio Lower Upper

162 100

127 45.5 32.9 49.3

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 43.823 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

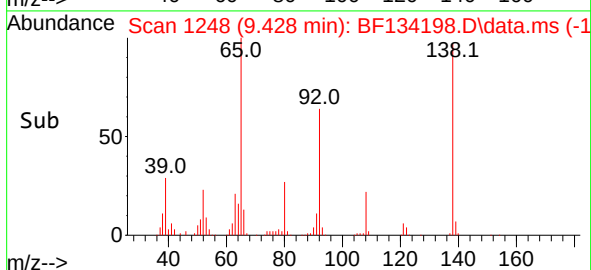
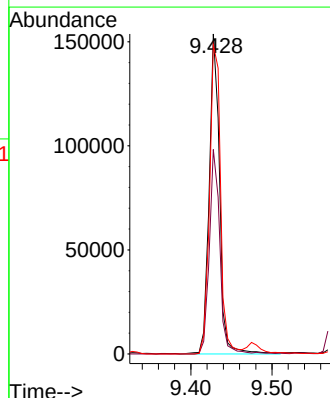
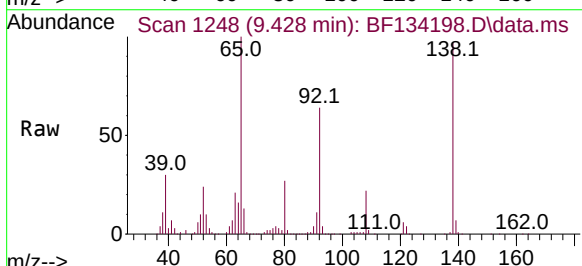
Tgt Ion: 65 Resp: 136147

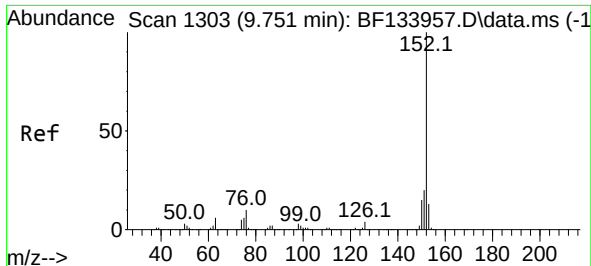
Ion Ratio Lower Upper

65 100

92 63.9 49.5 74.3

138 96.6 78.0 117.0





#49

Acenaphthylene

Concen: 43.201 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

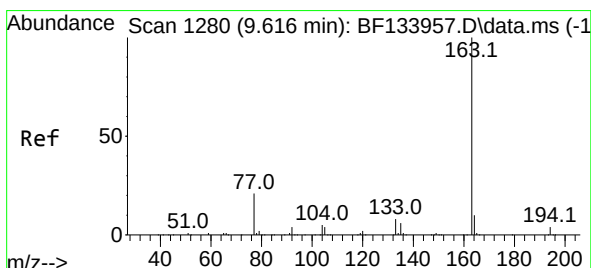
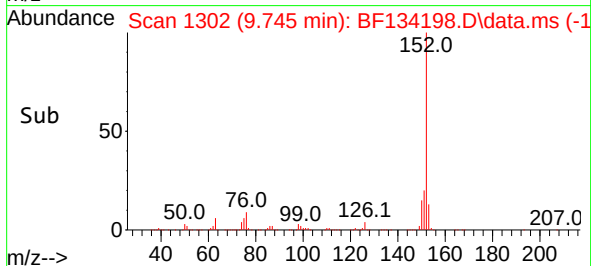
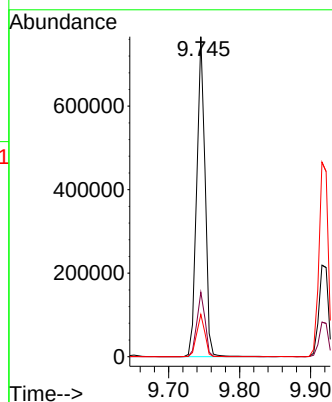
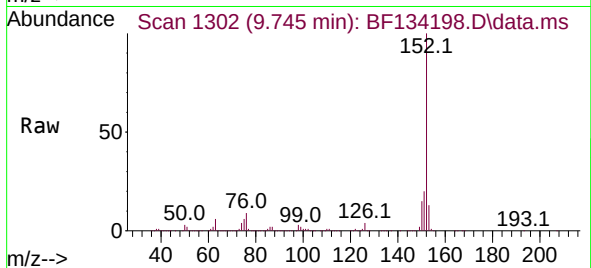
Tgt Ion:152 Resp: 629089

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 47.357 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

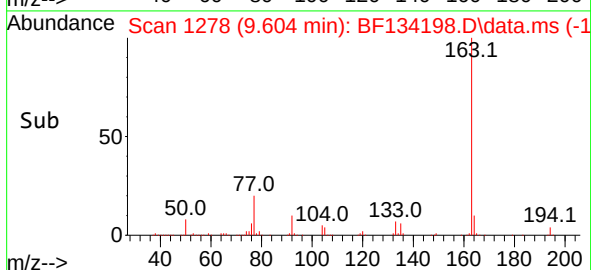
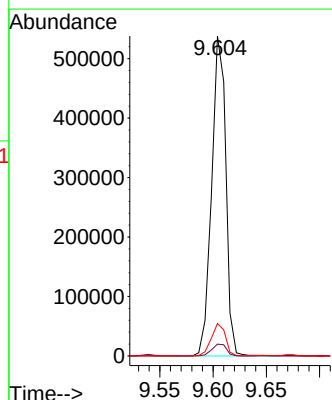
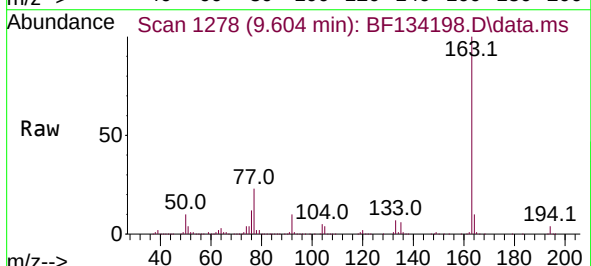
Tgt Ion:163 Resp: 499295

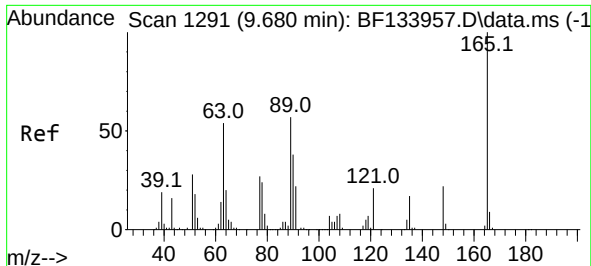
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.573 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

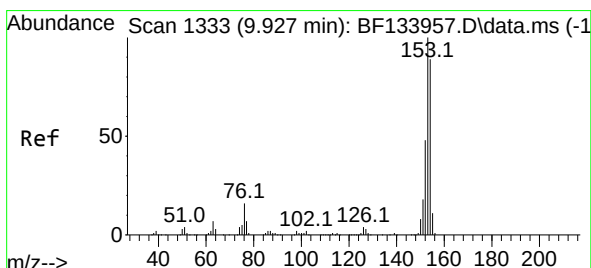
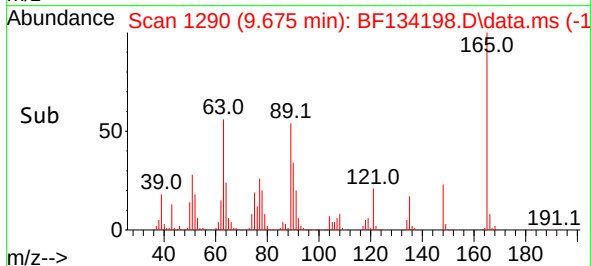
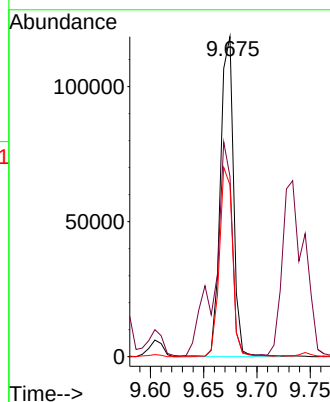
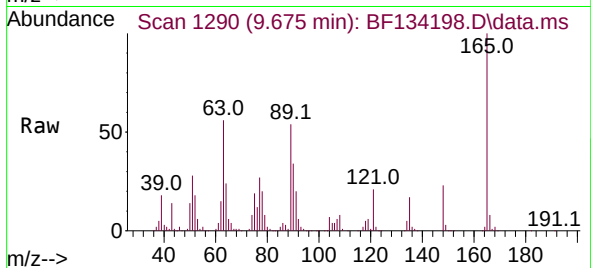
Tgt Ion:165 Resp: 101218

Ion Ratio Lower Upper

165 100

63 56.3 48.5 72.7

89 53.6 45.5 68.3



#52

Acenaphthene

Concen: 43.870 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

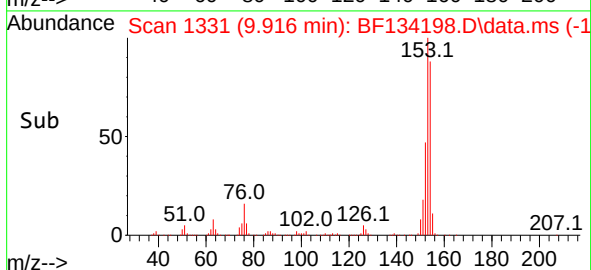
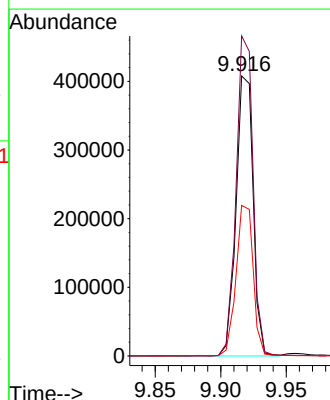
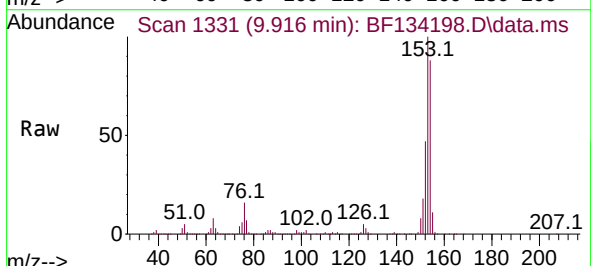
Tgt Ion:154 Resp: 370688

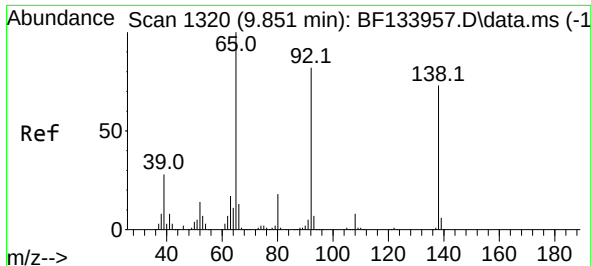
Ion Ratio Lower Upper

154 100

153 114.3 89.4 134.2

152 53.8 42.8 64.2

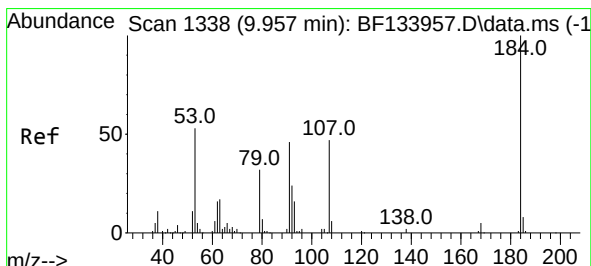
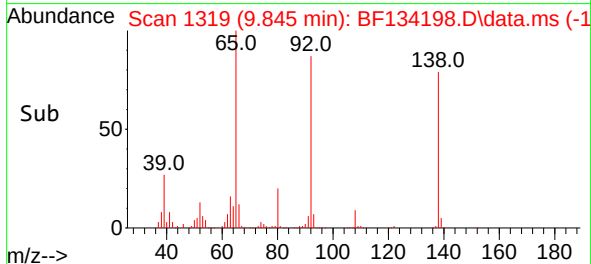
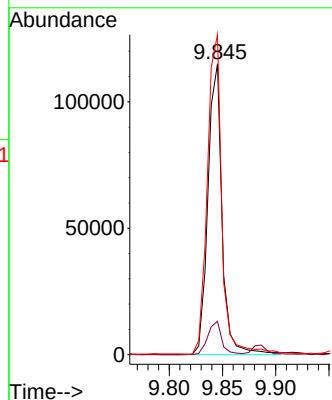
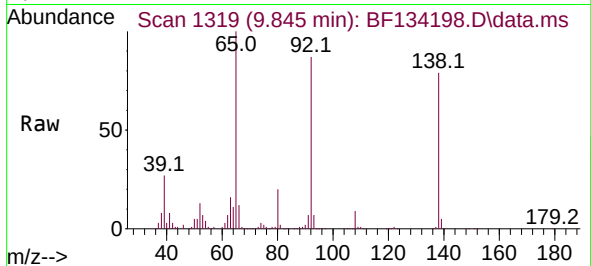




#53
3-Nitroaniline
Concen: 39.232 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

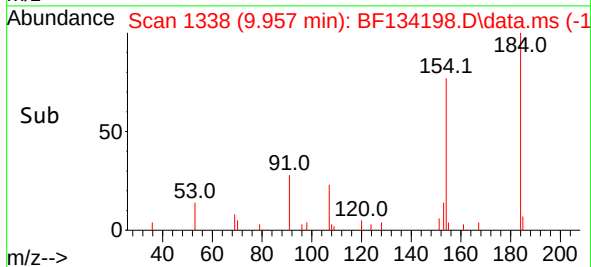
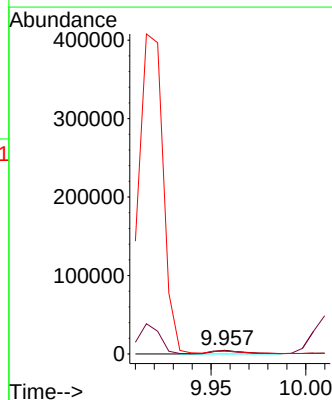
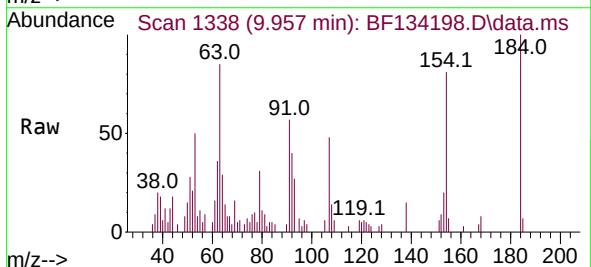
Instrument :
BNA_F
ClientSampleId :

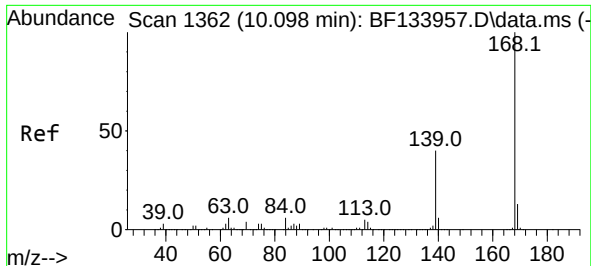
Tgt Ion:138 Resp: 106877
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 110.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 7.719 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:184 Resp: 5312
Ion Ratio Lower Upper
184 100
63 85.2 56.9 85.3
154 80.7 55.4 83.0

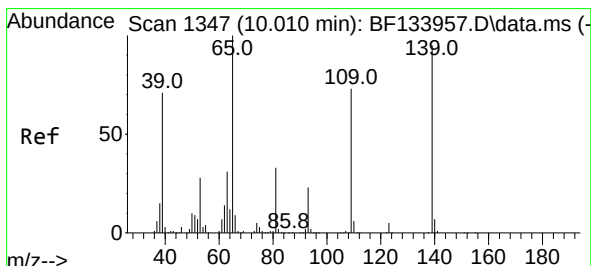
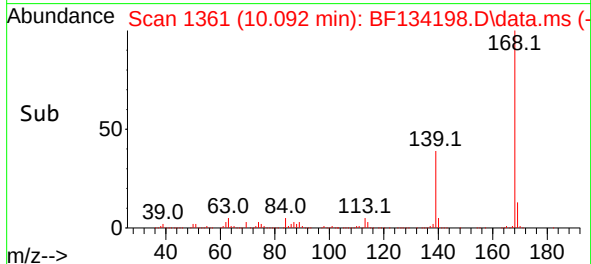
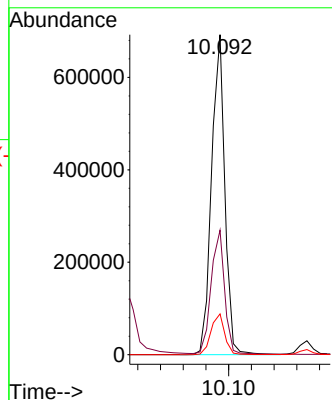
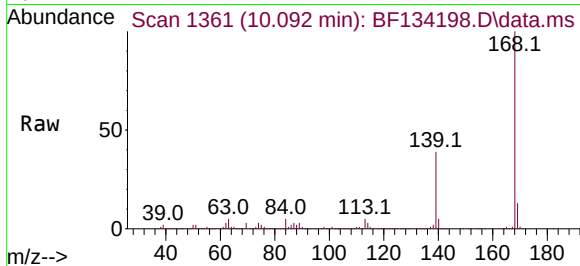




#55
Dibenzenofuran
Concen: 42.448 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

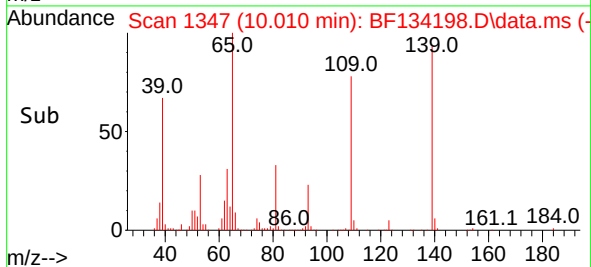
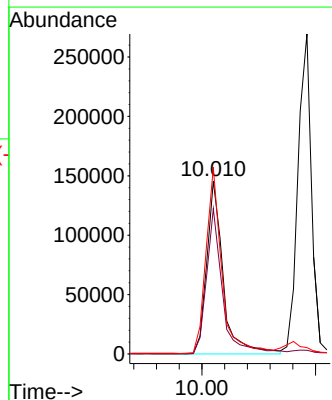
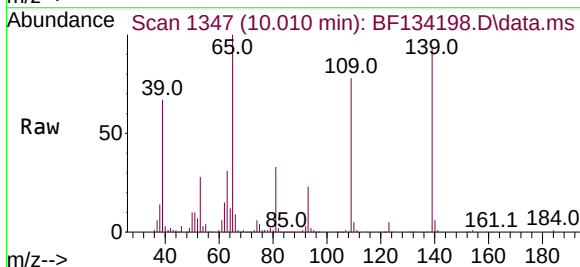
Instrument :
BNA_F
ClientSampleId :

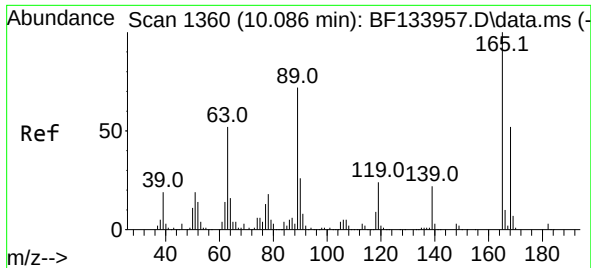
Tgt Ion:168 Resp: 560552
Ion Ratio Lower Upper
168 100
139 38.9 32.0 48.0
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 76.536 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

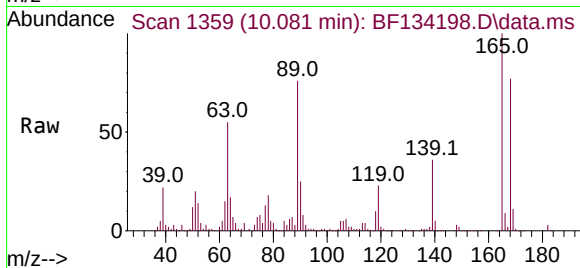
Tgt Ion:139 Resp: 145845
Ion Ratio Lower Upper
139 100
109 84.0 56.8 96.8
65 107.9 86.1 126.1



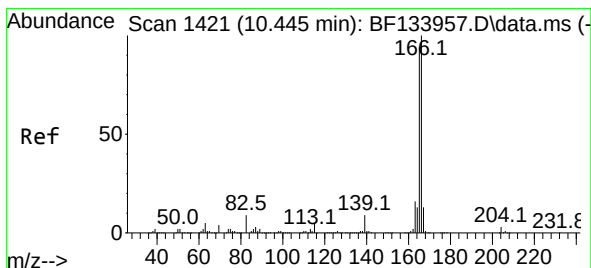
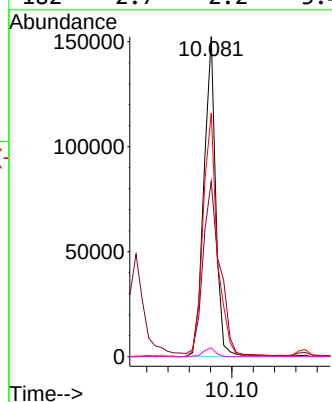
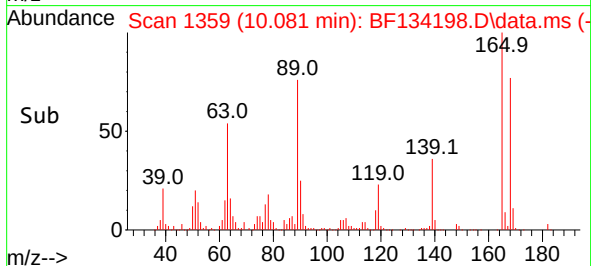


#57
2,4-Dinitrotoluene
Concen: 39.589 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

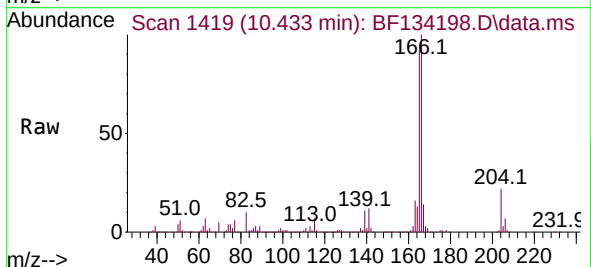
Instrument :
BNA_F
ClientSampleId :



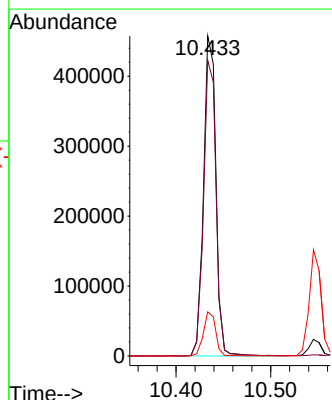
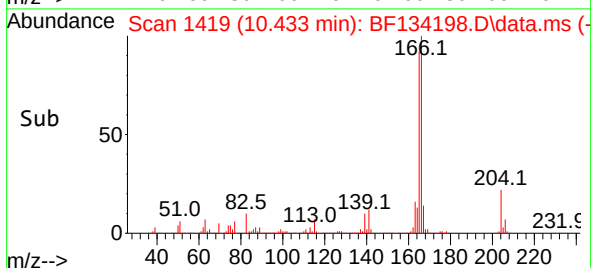
Tgt Ion:165 Resp: 118724
Ion Ratio Lower Upper
165 100
63 54.8 42.2 63.2
89 76.1 57.4 86.2
182 2.7 2.2 3.4

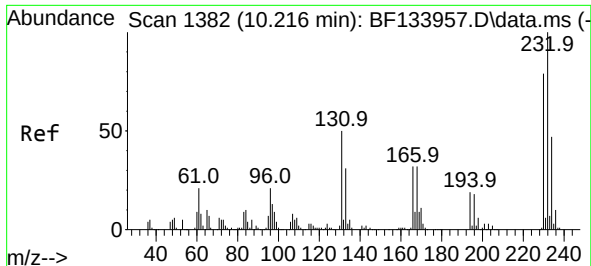


#58
Fluorene
Concen: 40.246 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42



Tgt Ion:166 Resp: 413477
Ion Ratio Lower Upper
166 100
165 92.3 75.0 112.4
167 13.8 10.6 15.8

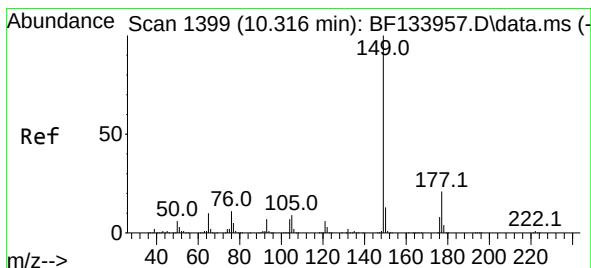
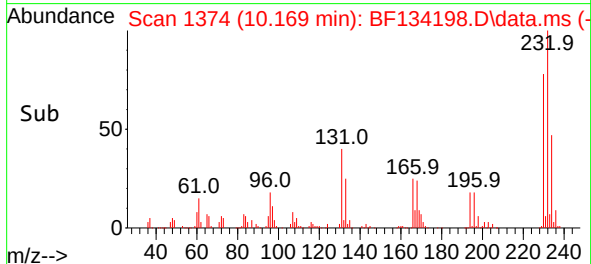
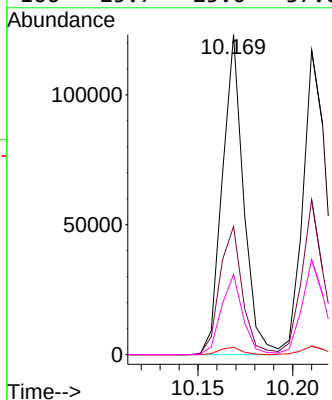
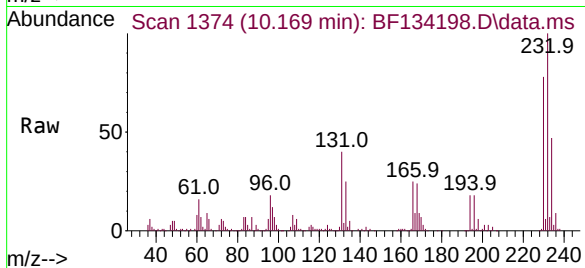




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.351 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.041 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

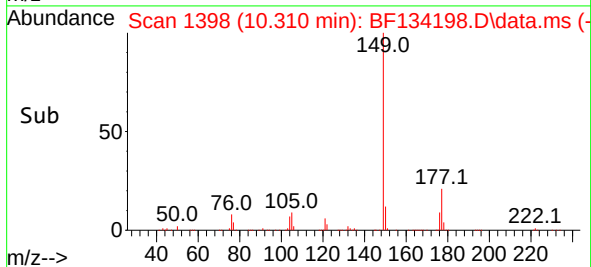
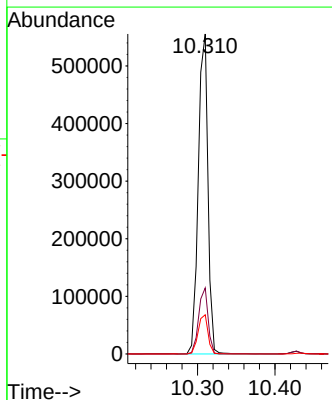
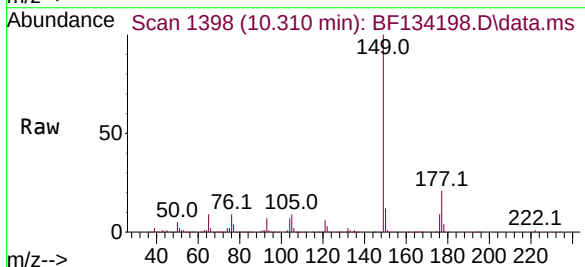
Instrument :
BNA_F
ClientSampleId :

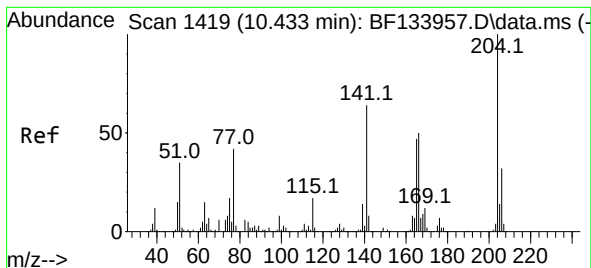
Tgt Ion:232 Resp: 96080
Ion Ratio Lower Upper
232 100
131 43.1 39.3 58.9
130 2.4 1.8 2.6
166 25.7 25.0 37.6



#60
Diethylphthalate
Concen: 43.633 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:149 Resp: 479282
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.3 10.2 15.2

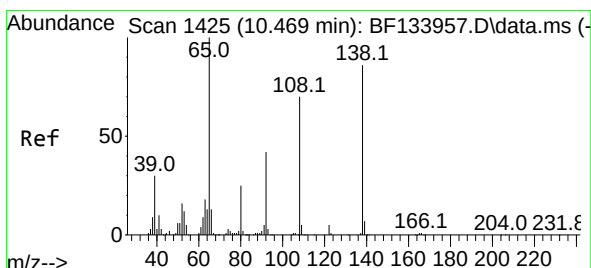
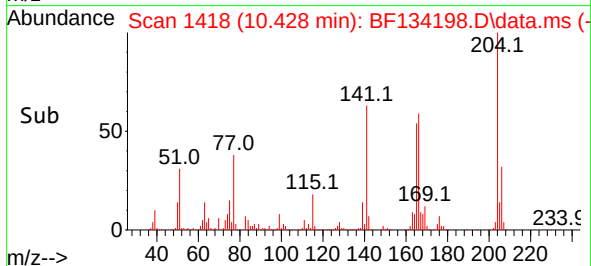
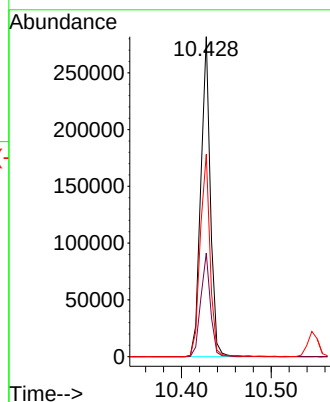
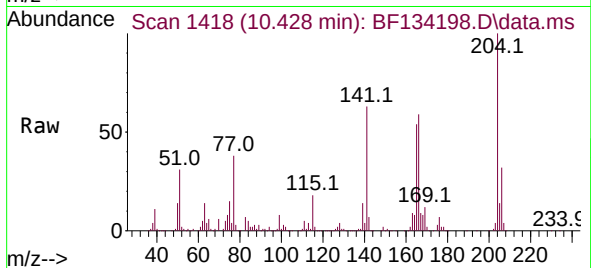




#61
4-Chlorophenyl-phenylether
Concen: 42.024 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

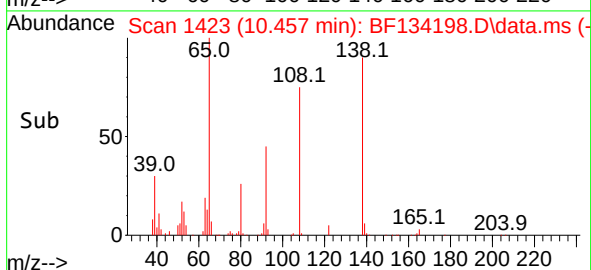
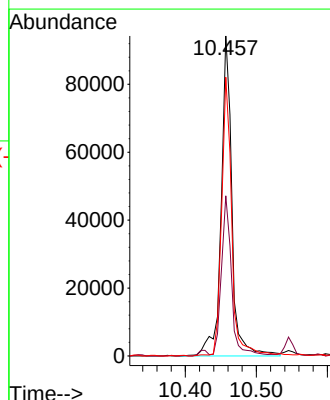
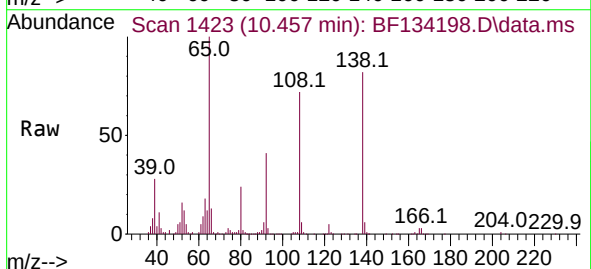
Instrument :
BNA_F
ClientSampleId :

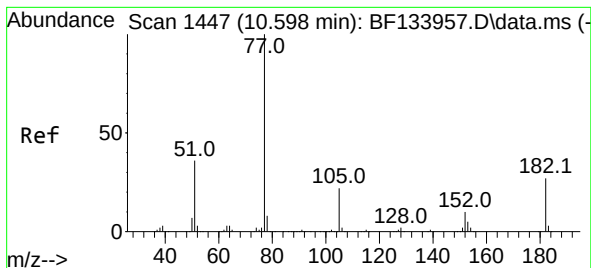
Tgt Ion:204 Resp: 208067
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 63.3 51.5 77.3



#62
4-Nitroaniline
Concen: 36.190 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:138 Resp: 99359
Ion Ratio Lower Upper
138 100
92 50.0 29.7 69.7
108 87.1 62.1 102.1





#63

Azobenzene

Concen: 40.807 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 424000

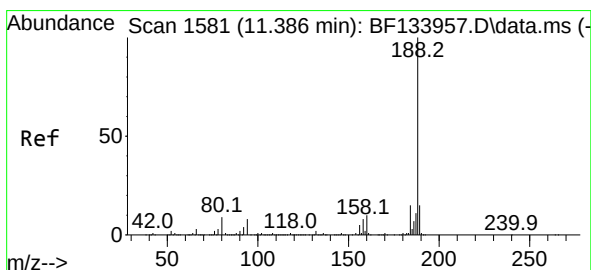
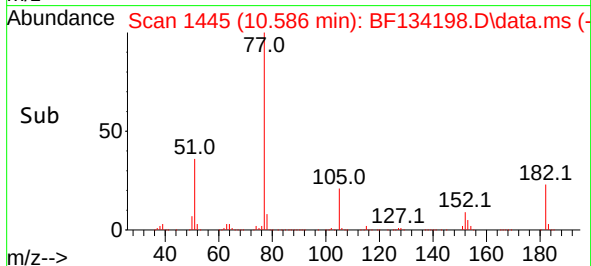
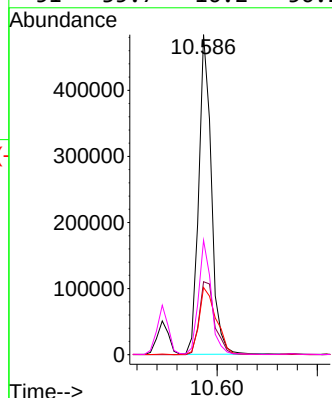
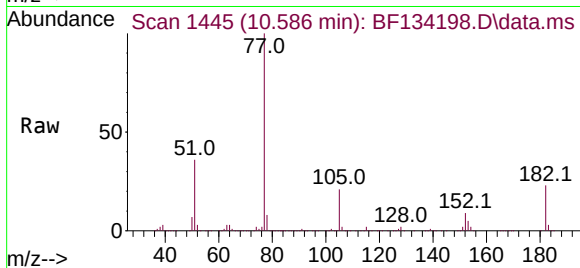
Ion Ratio Lower Upper

77 100

182 22.8 6.8 46.8

105 21.0 2.3 42.3

51 35.7 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

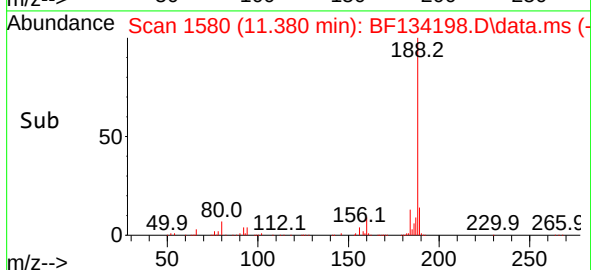
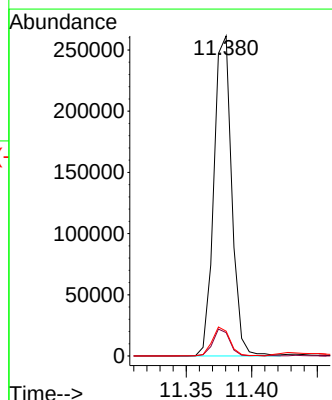
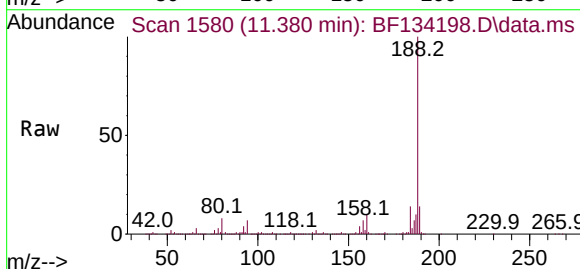
Tgt Ion:188 Resp: 247838

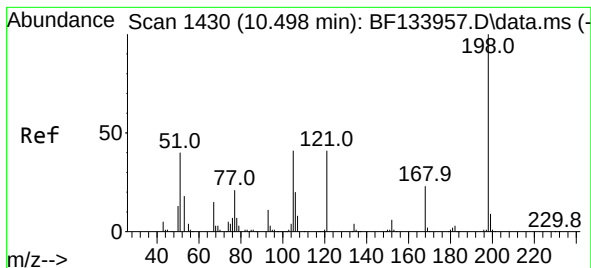
Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

80 7.8 7.3 10.9

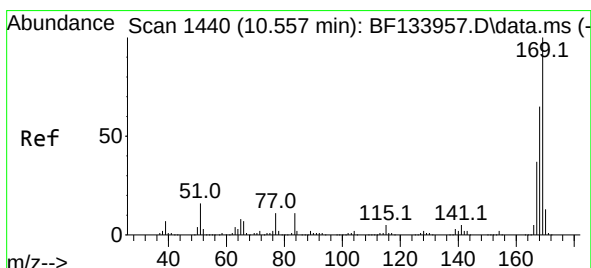
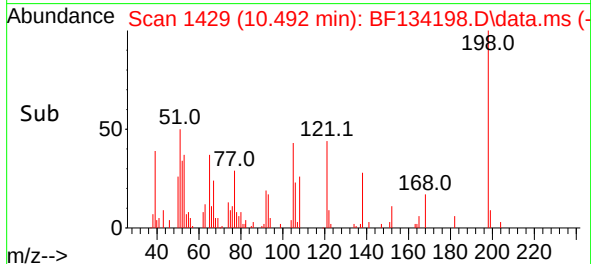
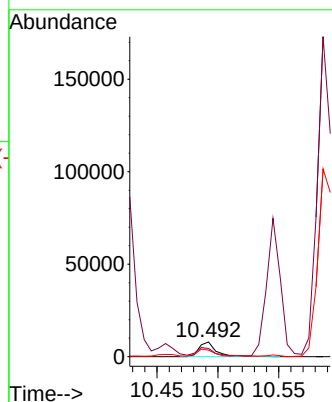
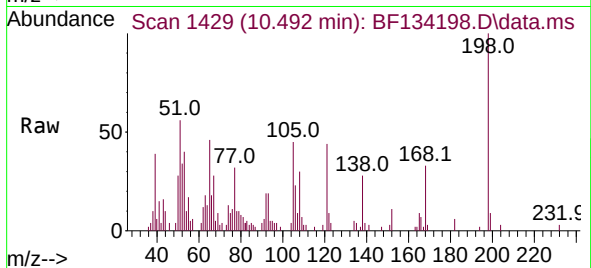




#65
4,6-Dinitro-2-methylphenol
Concen: 5.648 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

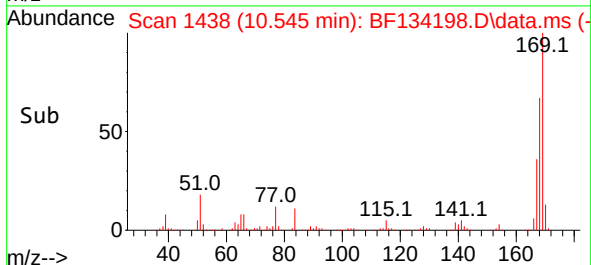
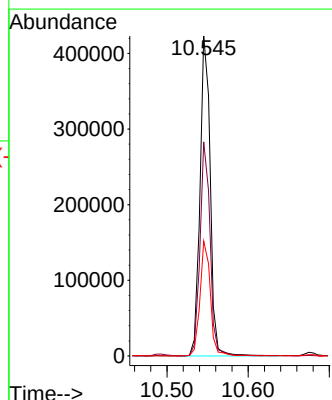
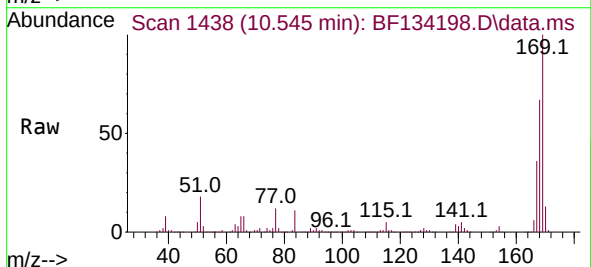
Instrument :
BNA_F
ClientSampleId :

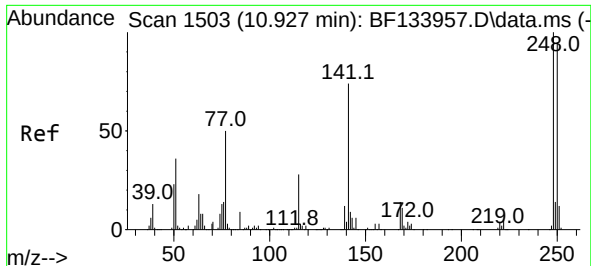
Tgt Ion:198 Resp: 7632
Ion Ratio Lower Upper
198 100
51 55.5 29.3 69.3
105 44.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 46.897 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:169 Resp: 371354
Ion Ratio Lower Upper
169 100
168 66.9 52.3 78.5
167 35.9 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 45.778 ng

RT: 10.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

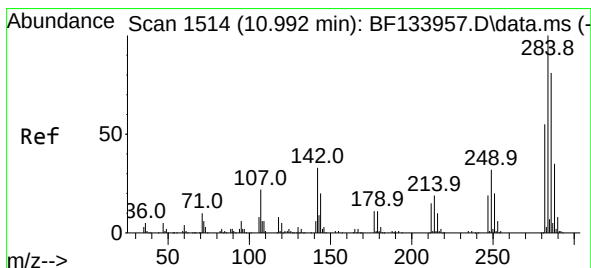
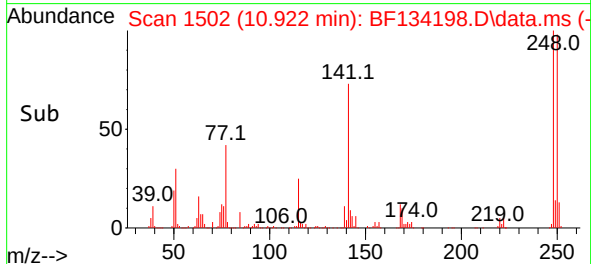
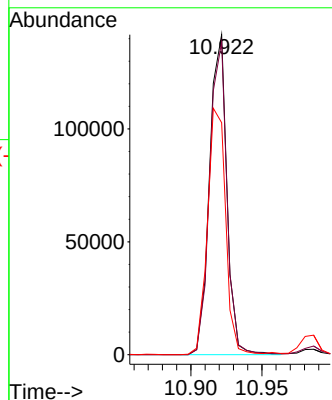
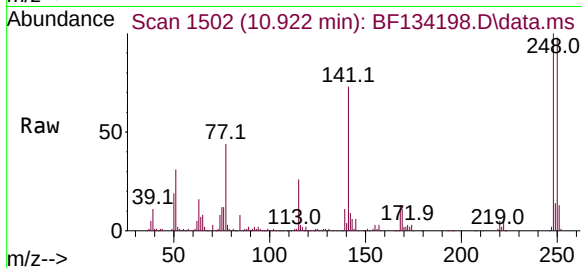
Tgt Ion:248 Resp: 120589

Ion Ratio Lower Upper

248 100

250 97.7 76.2 114.4

141 72.5 59.0 88.4



#68

Hexachlorobenzene

Concen: 47.238 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

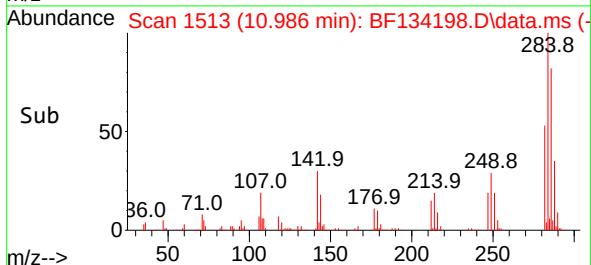
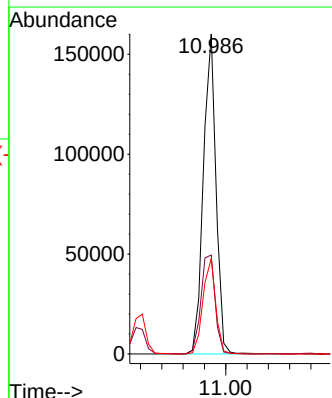
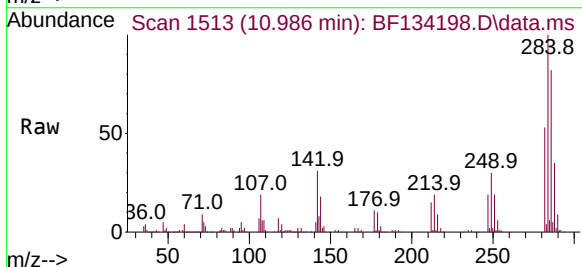
Tgt Ion:284 Resp: 132122

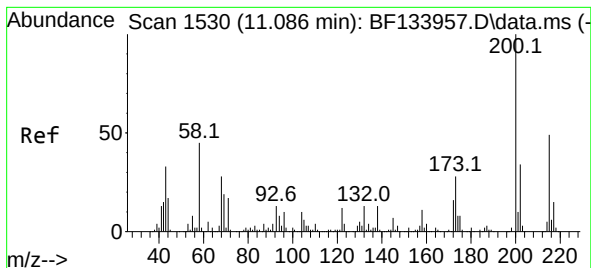
Ion Ratio Lower Upper

284 100

142 30.9 26.6 40.0

249 29.8 25.5 38.3





#69

Atrazine

Concen: 52.352 ng

RT: 11.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

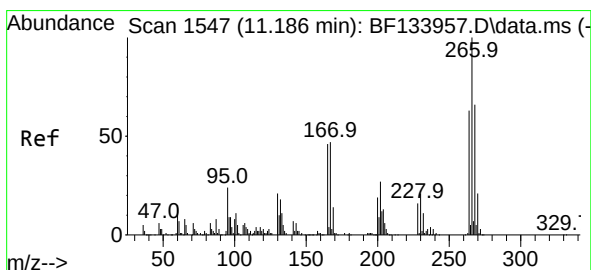
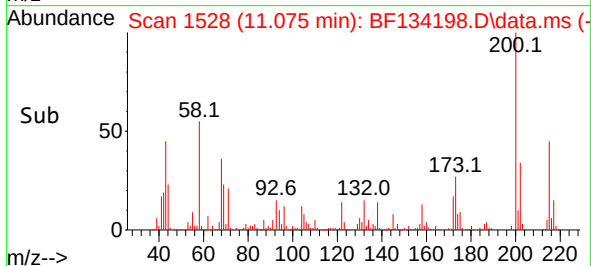
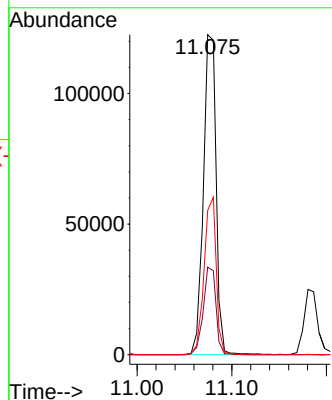
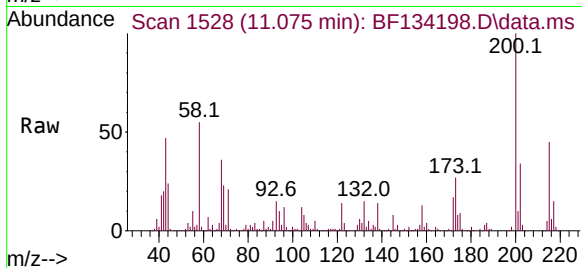
Tgt Ion:200 Resp: 114668

Ion Ratio Lower Upper

200 100

173 27.3 8.0 48.0

215 45.1 29.3 69.3



#70

Pentachlorophenol

Concen: 82.301 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

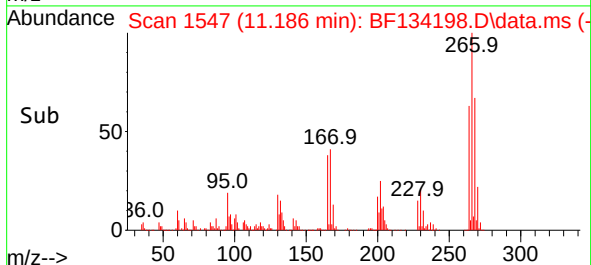
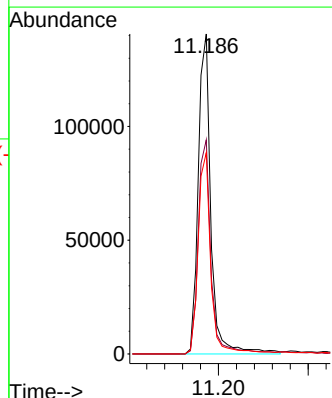
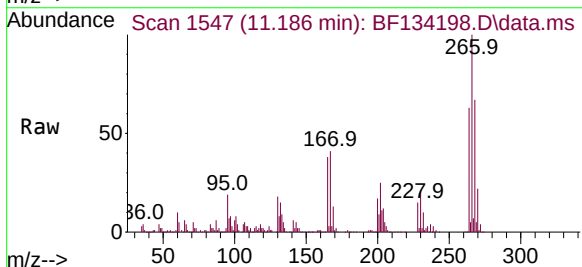
Tgt Ion:266 Resp: 137634

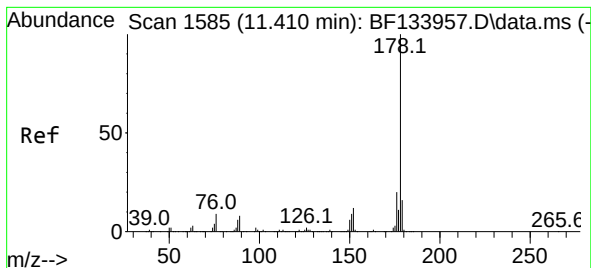
Ion Ratio Lower Upper

266 100

268 66.9 52.6 79.0

264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 43.691 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

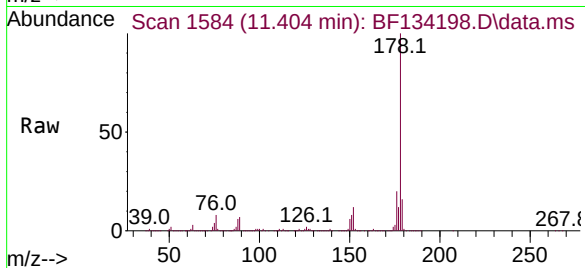
Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :



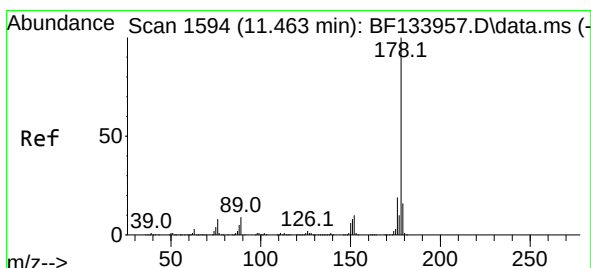
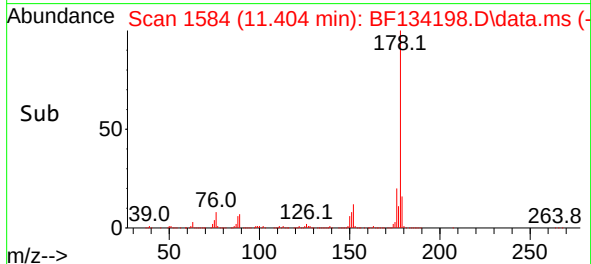
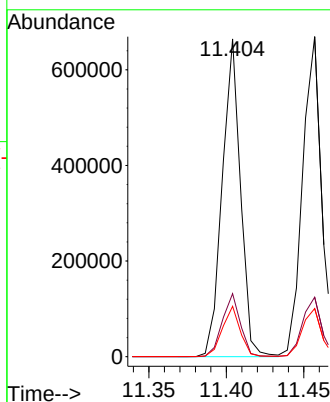
Tgt Ion:178 Resp: 545109

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.9 12.4 18.6



#72

Anthracene

Concen: 44.376 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

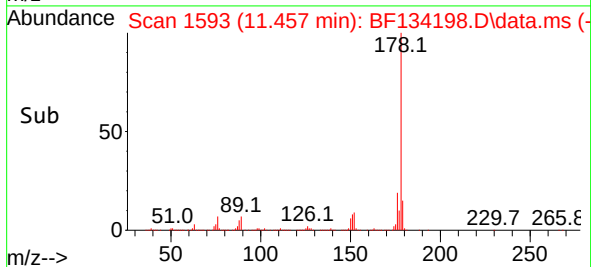
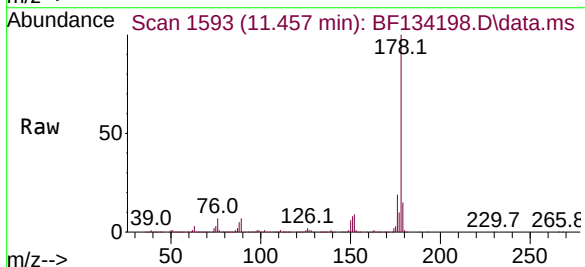
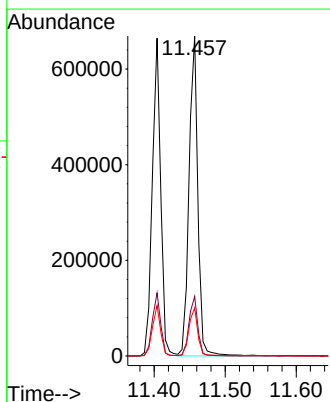
Tgt Ion:178 Resp: 575875

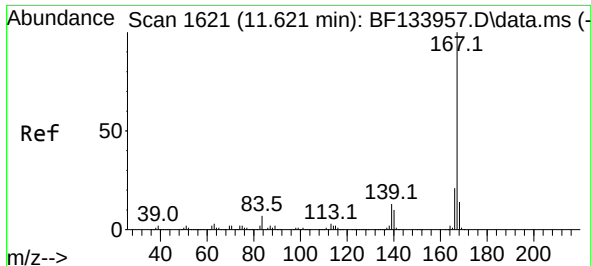
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

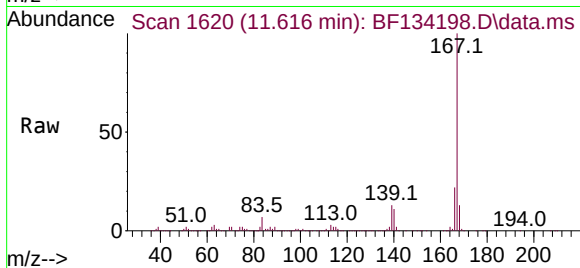
179 15.1 12.4 18.6



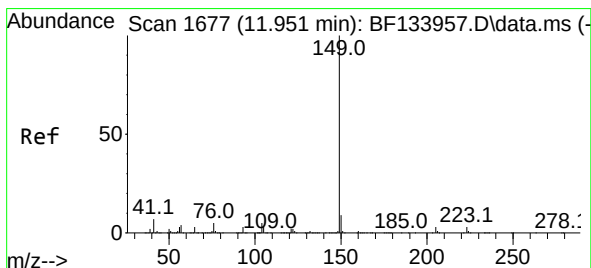
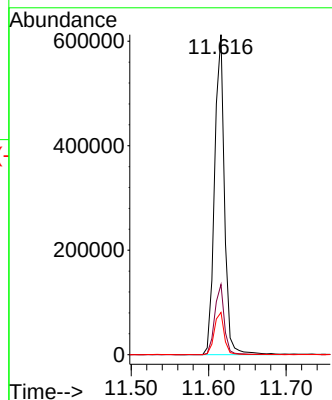
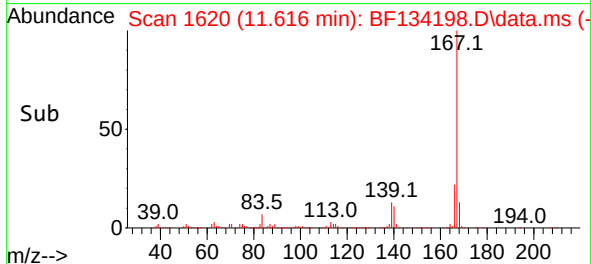


#73
 Carbazole
 Concen: 45.767 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

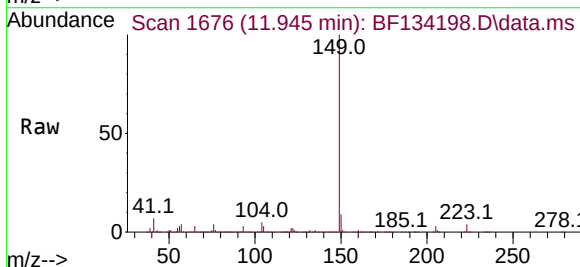
Instrument :
 BNA_F
 ClientSampleId :



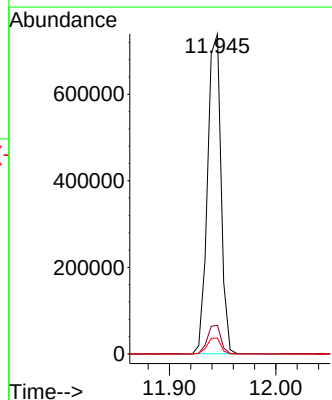
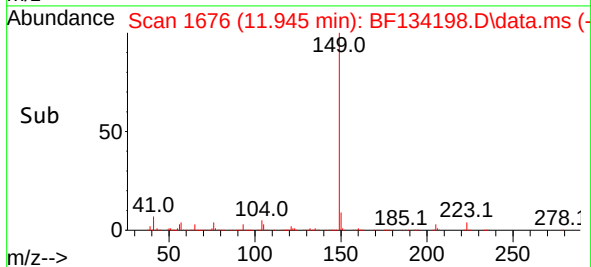
Tgt Ion:167 Resp: 543617
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.2 10.4 15.6

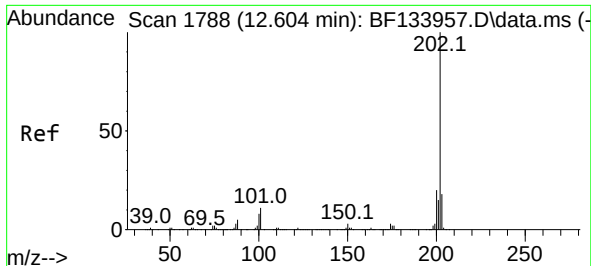


#74
 Di-n-butylphthalate
 Concen: 46.143 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42



Tgt Ion:149 Resp: 651777
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.0 4.0 6.0

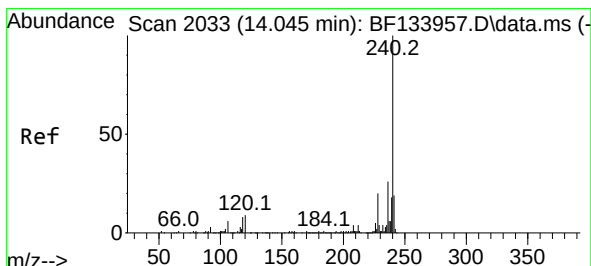
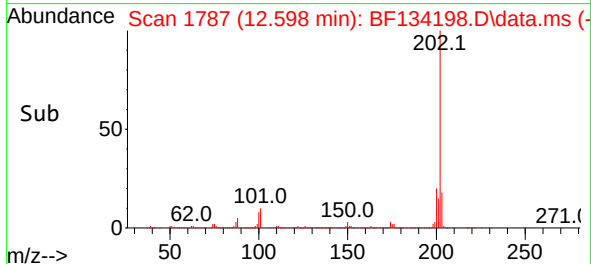
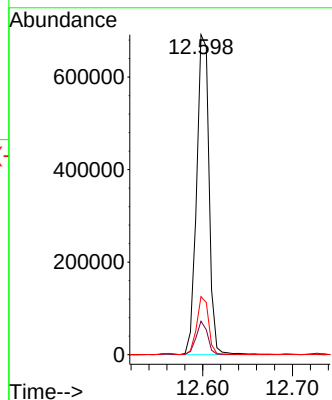
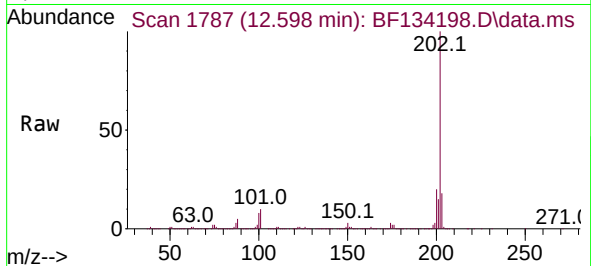




#75
Fluoranthene
Concen: 49.205 ng
RT: 12.598 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

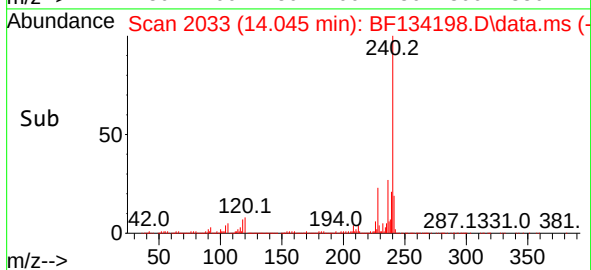
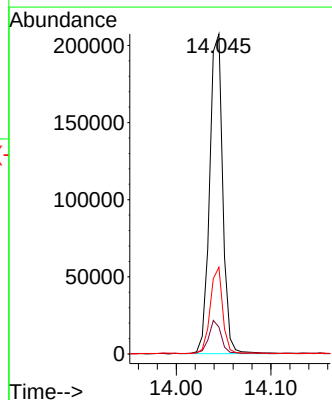
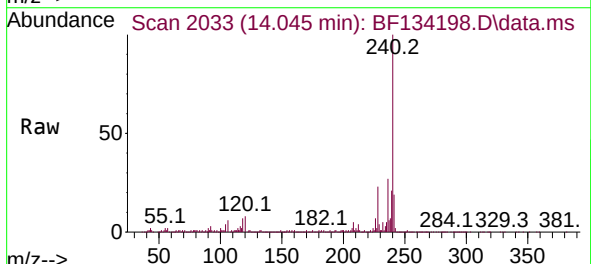
Instrument :
BNA_F
ClientSampleId :

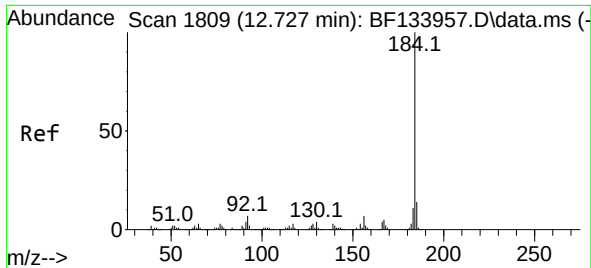
Tgt Ion:202 Resp: 663698
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 18.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:240 Resp: 198968
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 27.1 21.0 31.6

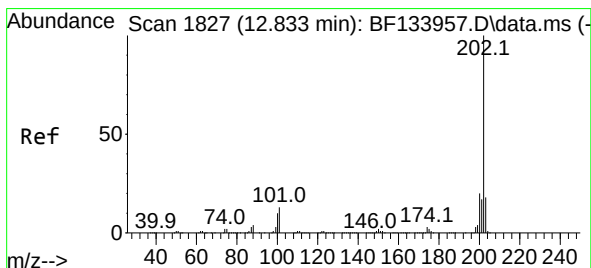
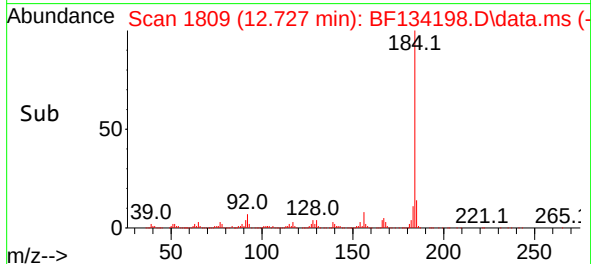
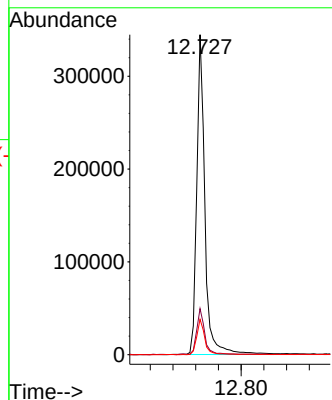
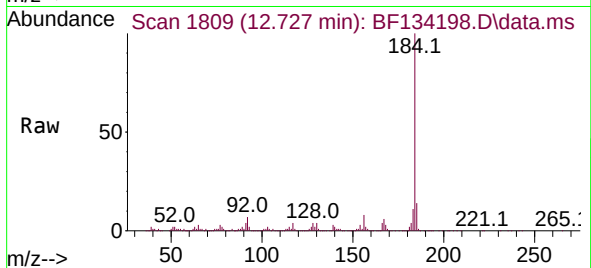




#77
Benzidine
Concen: 73.283 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

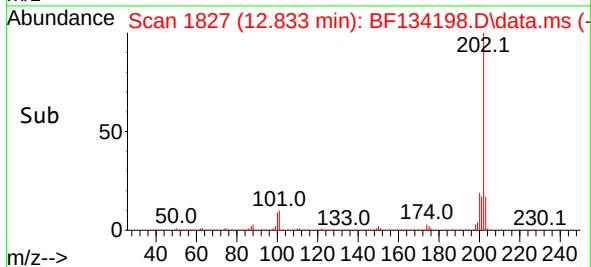
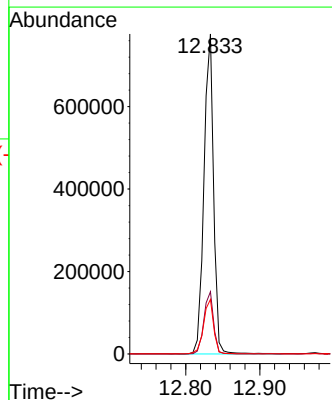
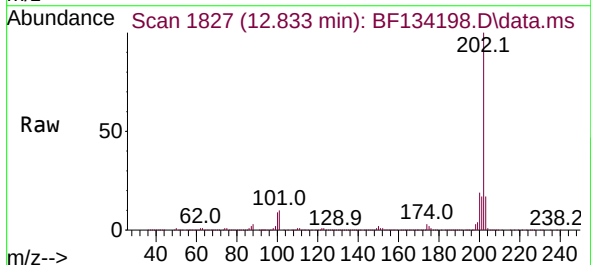
Instrument :
BNA_F
ClientSampleId :

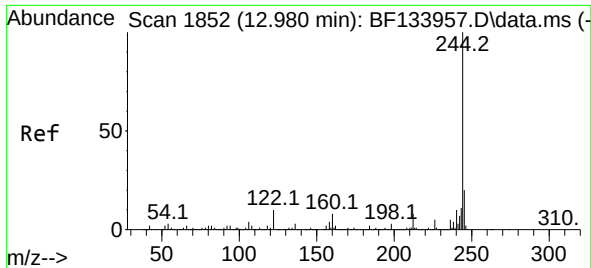
Tgt Ion:184 Resp: 346945
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.1 8.8 13.2



#78
Pyrene
Concen: 37.970 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:202 Resp: 703084
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 17.1 14.3 21.5

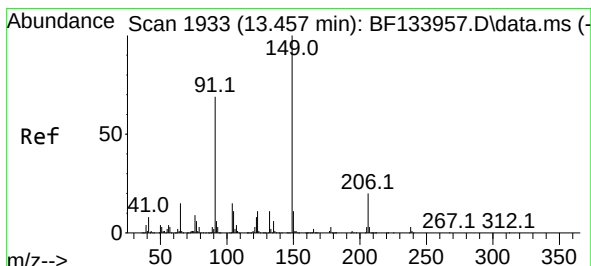
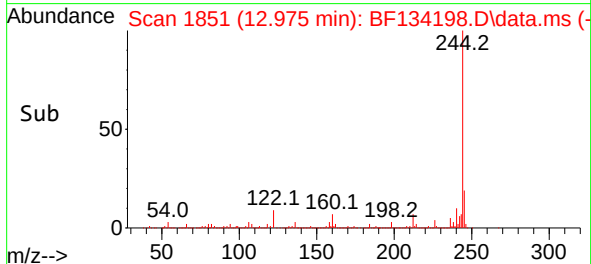
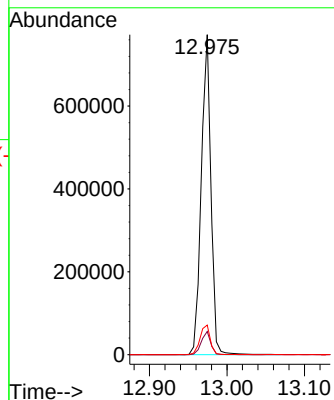
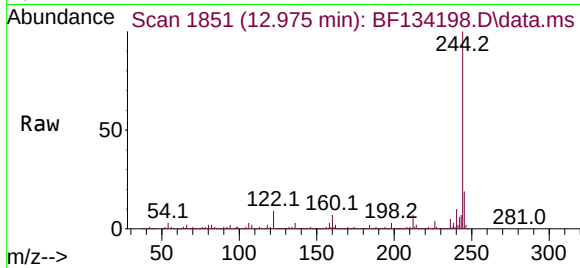




#79
 Terphenyl-d14
 Concen: 53.884 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

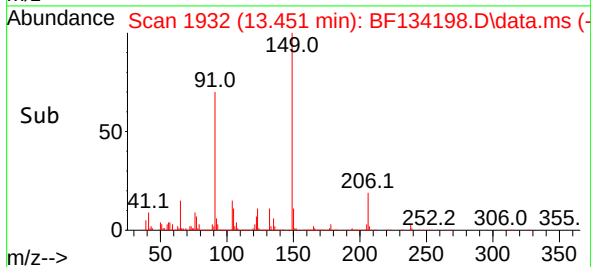
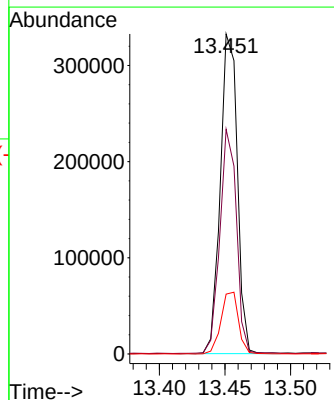
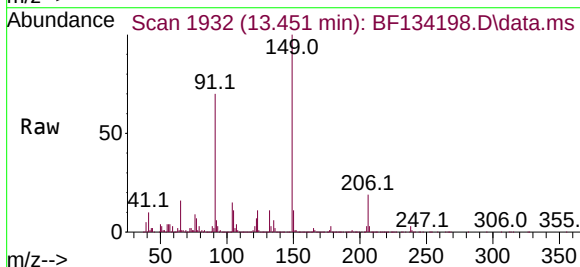
Instrument :
 BNA_F
 ClientSampleId :

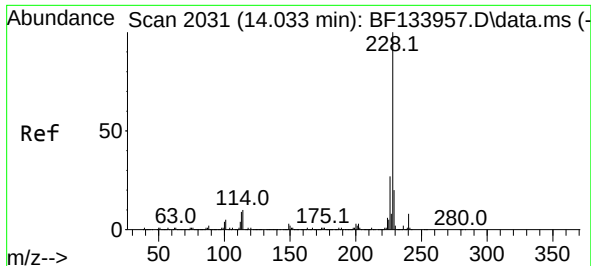
Tgt Ion:244 Resp: 666152
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 43.182 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF134198.D
 Acq: 10 Jul 2023 21:42

Tgt Ion:149 Resp: 299885
 Ion Ratio Lower Upper
 149 100
 91 70.2 55.1 82.7
 206 18.7 15.7 23.5

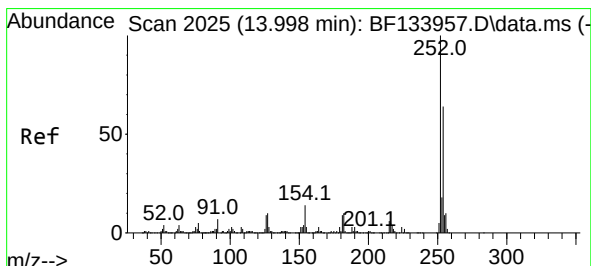
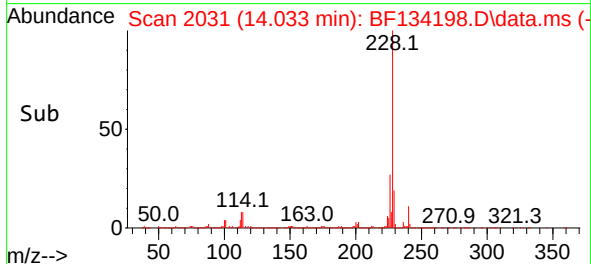
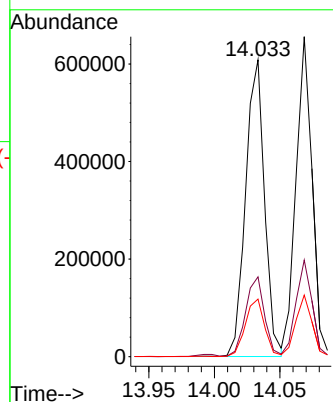
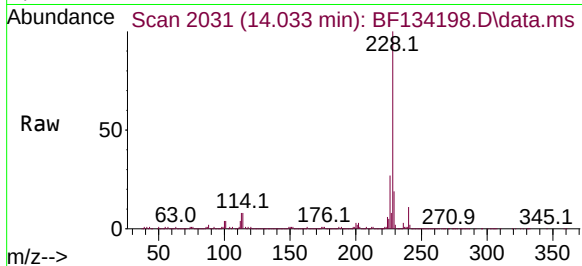




#81
Benzo(a)anthracene
Concen: 44.386 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

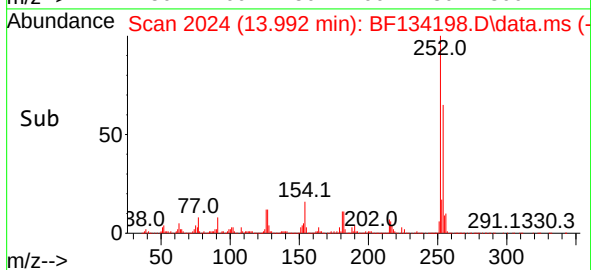
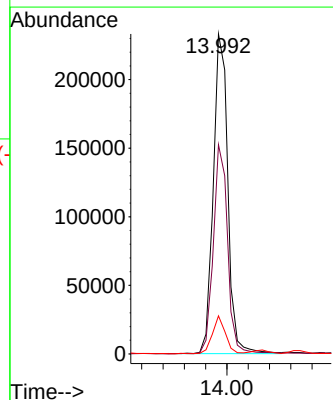
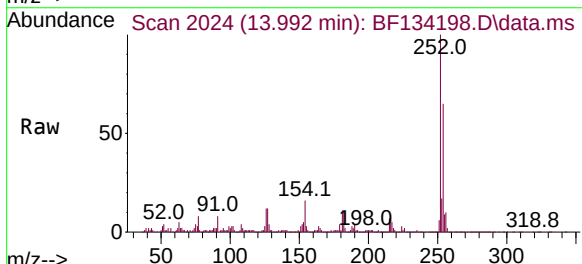
Instrument :
BNA_F
ClientSampleId :

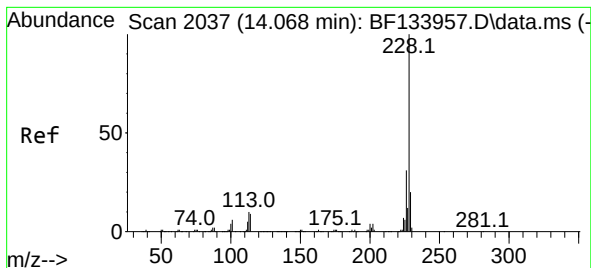
Tgt Ion:228 Resp: 612478
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 50.687 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:252 Resp: 221589
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 11.9 7.4 11.2#





#83

Chrysene

Concen: 42.210 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

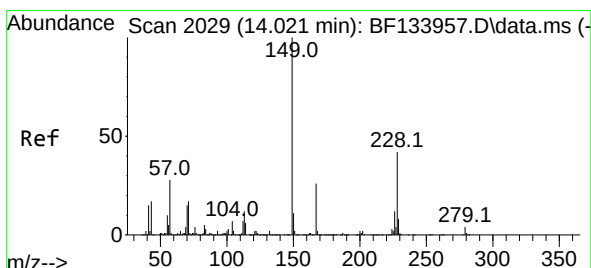
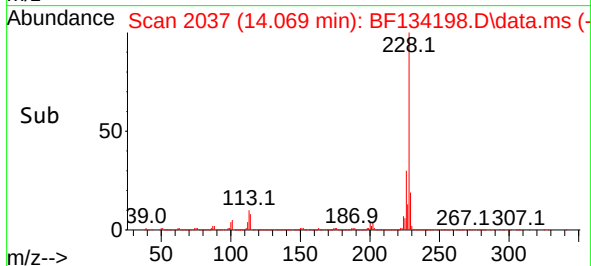
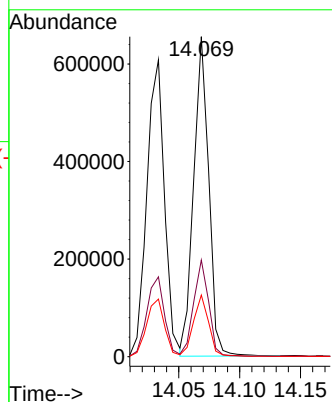
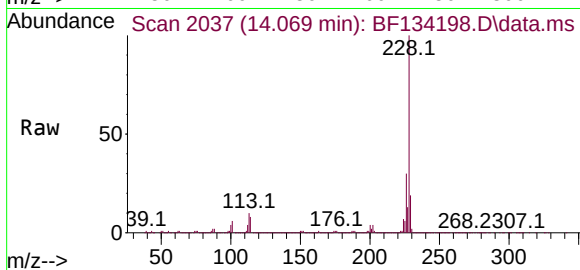
Tgt Ion:228 Resp: 564134

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.848 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

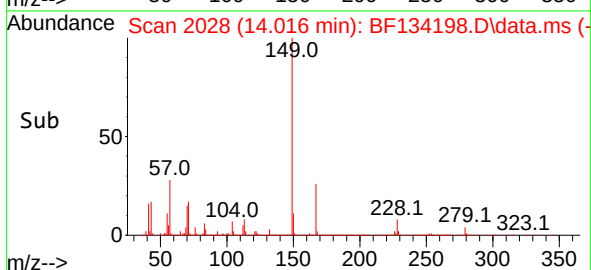
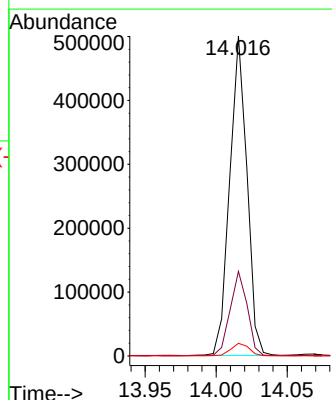
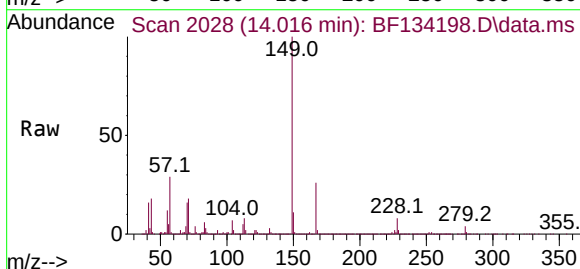
Tgt Ion:149 Resp: 421717

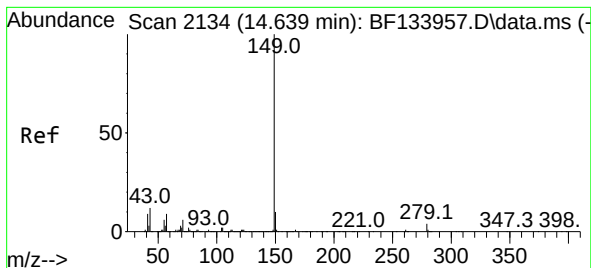
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 59.711 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNA_F

ClientSampleId :

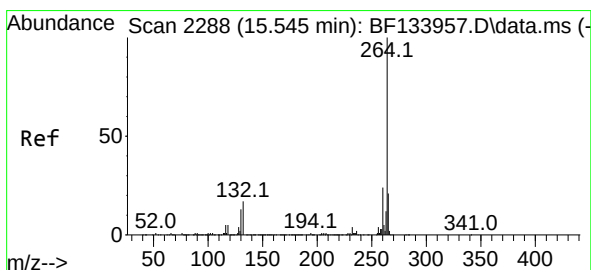
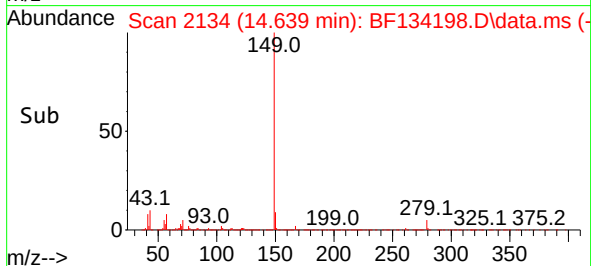
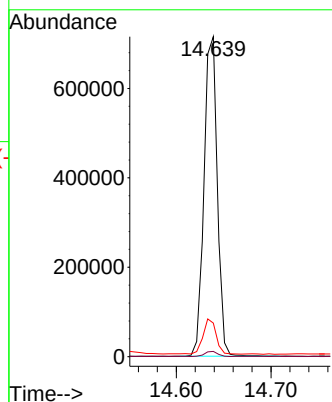
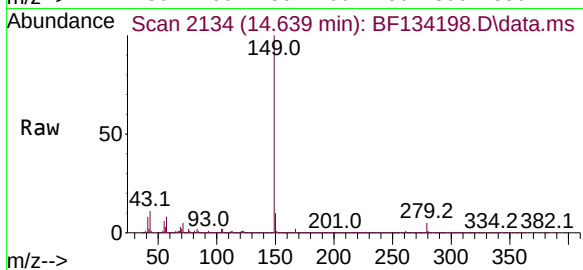
Tgt Ion:149 Resp: 700128

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

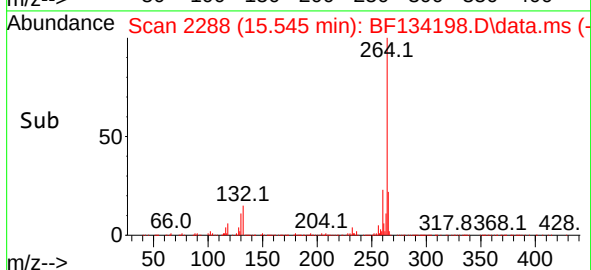
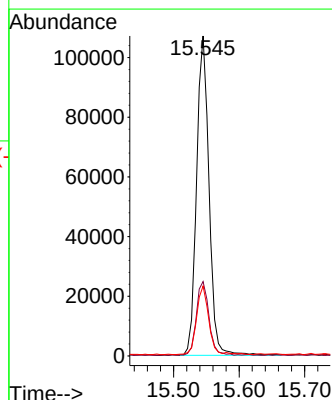
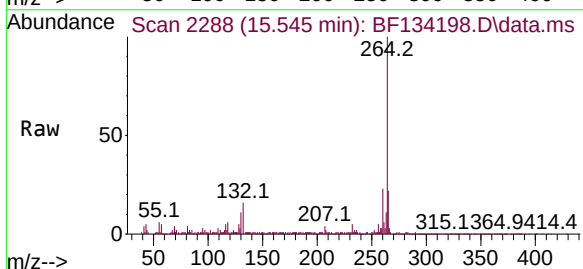
Tgt Ion:264 Resp: 141854

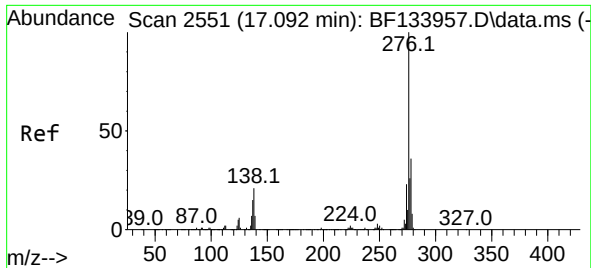
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.9 16.6 25.0

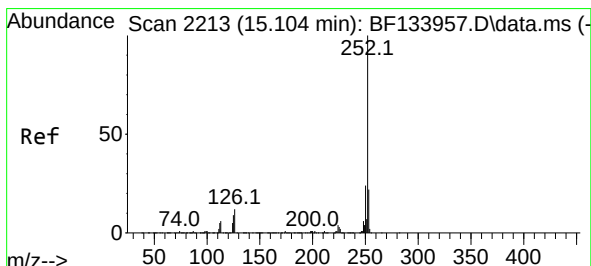
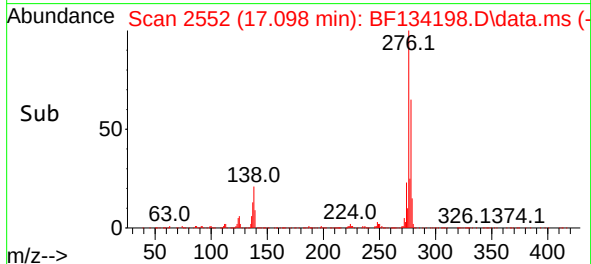
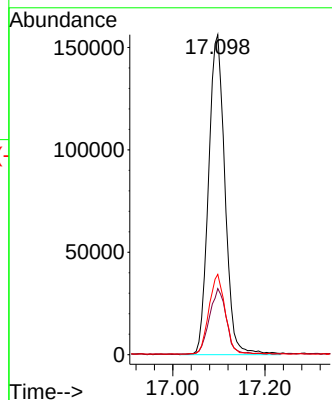
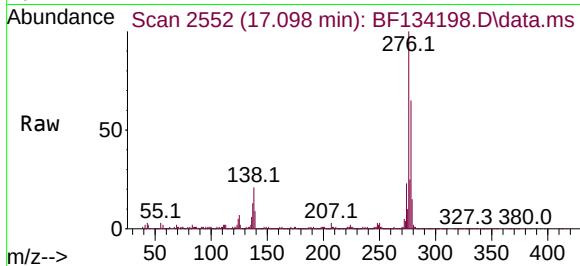




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.361 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

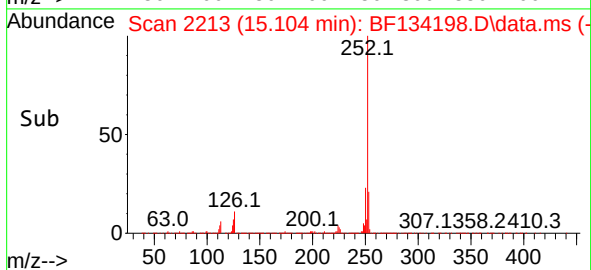
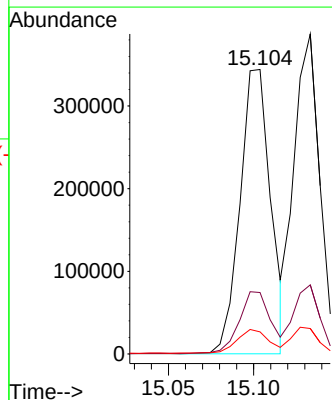
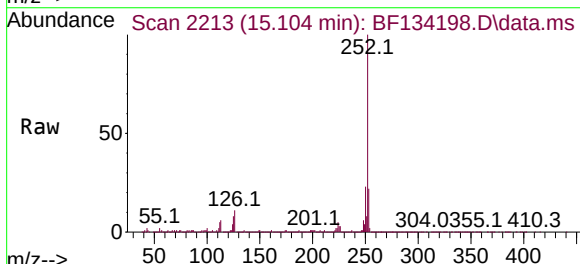
Instrument :
BNA_F
ClientSampleId :

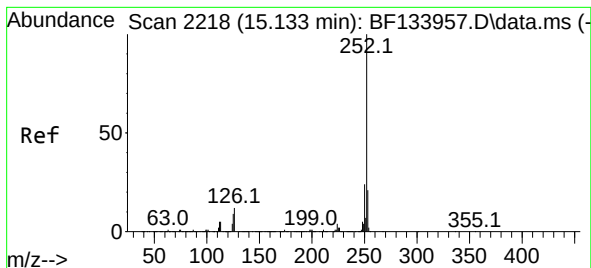
Tgt Ion:276 Resp: 387444
Ion Ratio Lower Upper
276 100
138 21.0 18.7 28.1
277 24.8 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 51.660 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:252 Resp: 430899
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.557 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

Instrument :

BNF

ClientSampleId :

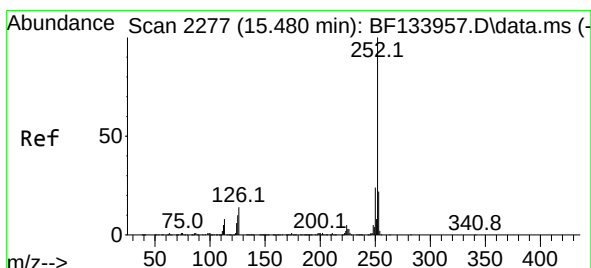
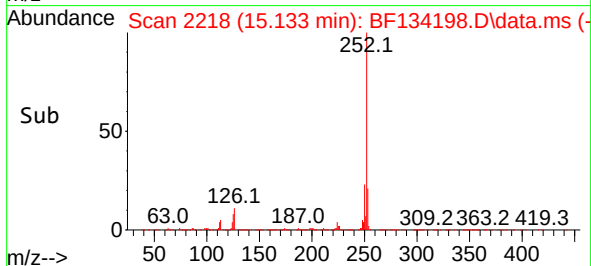
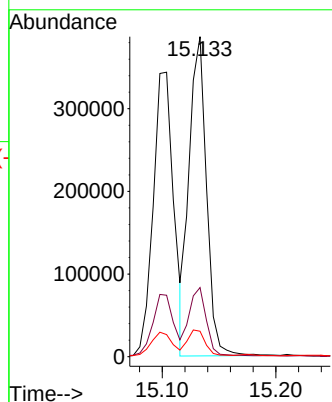
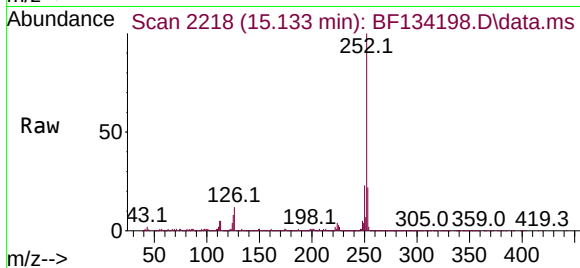
Tgt Ion:252 Resp: 412369

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

125 8.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.708 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134198.D

Acq: 10 Jul 2023 21:42

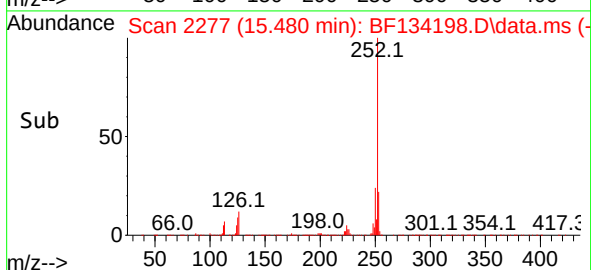
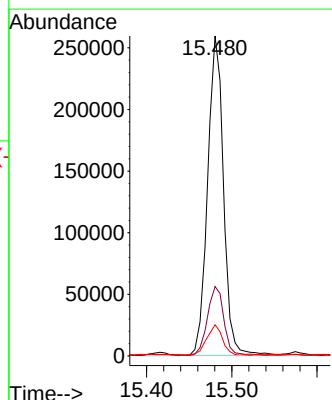
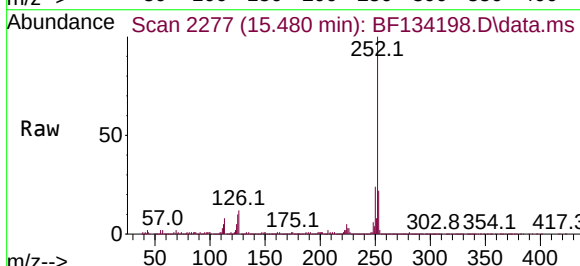
Tgt Ion:252 Resp: 336407

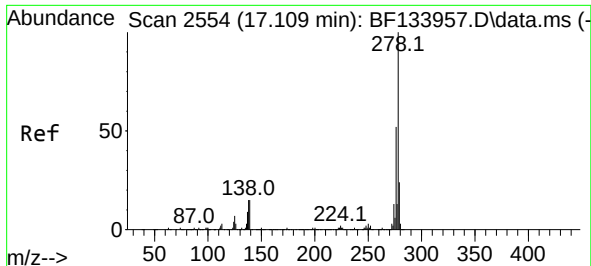
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.7 8.4 12.6

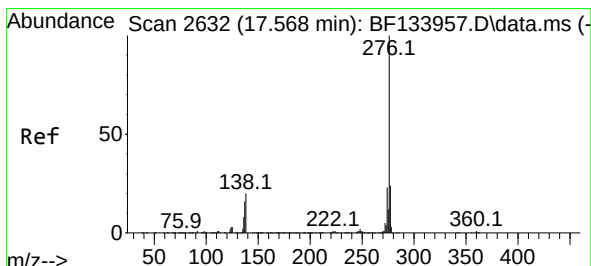
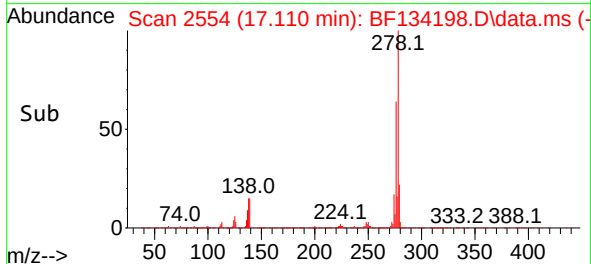
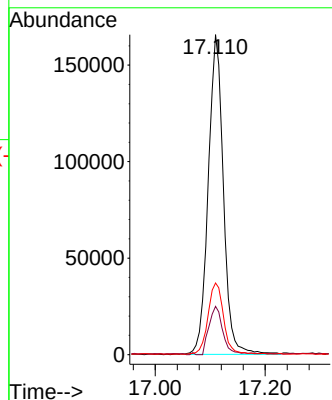
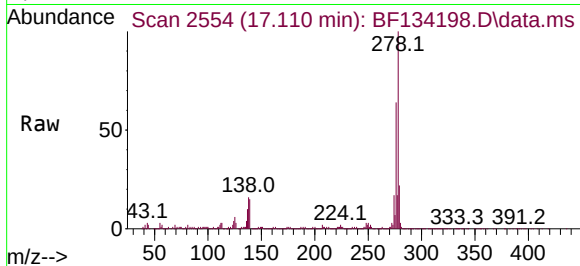




#91
Dibenzo(a,h)anthracene
Concen: 39.444 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 317126
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 22.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 37.803 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134198.D
Acq: 10 Jul 2023 21:42

Tgt Ion:276 Resp: 313427
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 17.9 16.2 24.2

