

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130598.D
 Acq On : 10 Oct 2022 12:15
 Operator : CG\JU
 Sample : PB148187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

Quant Time: Oct 10 13:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 13:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	114510	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	428496	20.000	ng	# 0.00
39) Acenaphthene-d10	9.639	164	197107	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	313270	20.000	ng	0.00
76) Chrysene-d12	13.751	240	198238	20.000	ng	0.00
86) Perylene-d12	15.127	264	226594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	893935	135.403	ng	0.01
7) Phenol-d6	6.263	99	1062159	128.580	ng	0.00
23) Nitrobenzene-d5	7.181	82	631303	75.269	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	273005	144.549	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1326472	97.997	ng	0.00
79) Terphenyl-d14	12.704	244	892397	74.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.251	88	123907	40.866	ng	97
3) Pyridine	2.922	79	244437	30.904	ng	93
4) n-Nitrosodimethylamine	2.881	42	142695	33.171	ng	86
6) Aniline	6.275	93	395033	38.812	ng	# 35
8) 2-Chlorophenol	6.392	128	346410	46.062	ng	94
9) Benzaldehyde	6.157	77	217830	39.367	ng	93
10) Phenol	6.275	94	410167	42.370	ng	78
11) bis(2-Chloroethyl)ether	6.351	93	316896	45.384	ng	95
12) 1,3-Dichlorobenzene	6.545	146	362373	43.790	ng	97
13) 1,4-Dichlorobenzene	6.622	146	381412	45.198	ng	99
14) 1,2-Dichlorobenzene	6.775	146	320453	40.651	ng	98
15) Benzyl Alcohol	6.763	79	240709	36.752	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.892	45	368580	36.192	ng	88
17) 2-Methylphenol	6.881	107	254868	41.689	ng	96
18) Hexachloroethane	7.116	117	129862	39.040	ng	93
19) n-Nitroso-di-n-propyla...	7.034	70	213070	38.225	ng	91
20) 3+4-Methylphenols	7.034	107	319291	40.204	ng	# 68
22) Acetophenone	7.028	105	442758	42.264	ng	# 91
24) Nitrobenzene	7.198	77	331059	38.873	ng	94
25) Isophorone	7.439	82	601072	44.463	ng	98
26) 2-Nitrophenol	7.510	139	174423	49.961	ng	92
27) 2,4-Dimethylphenol	7.557	122	271391	50.487	ng	94
28) bis(2-Chloroethoxy)met...	7.651	93	372829	48.979	ng	99
29) 2,4-Dichlorophenol	7.757	162	267609	45.429	ng	96
30) 1,2,4-Trichlorobenzene	7.833	180	278124	43.670	ng	95
31) Naphthalene	7.910	128	944462	42.783	ng	100
32) Benzoic acid	7.716	122	145011	34.884	ng	91
33) 4-Chloroaniline	7.969	127	297649	35.451	ng	97
34) Hexachlorobutadiene	8.028	225	176748	43.425	ng	99
35) Caprolactam	8.345	113	50704	30.025	ng	# 86
36) 4-Chloro-3-methylphenol	8.463	107	321480	49.236	ng	100
37) 2-Methylnaphthalene	8.604	142	620928	44.115	ng	100
38) 1-Methylnaphthalene	8.698	142	640395	47.362	ng	97
40) 1,2,4,5-Tetrachloroben...	8.769	216	311348	57.880	ng	99
41) Hexachlorocyclopentadiene	8.751	237	276104	95.871	ng	98
43) 2,4,6-Trichlorophenol	8.886	196	196447	52.328	ng	96

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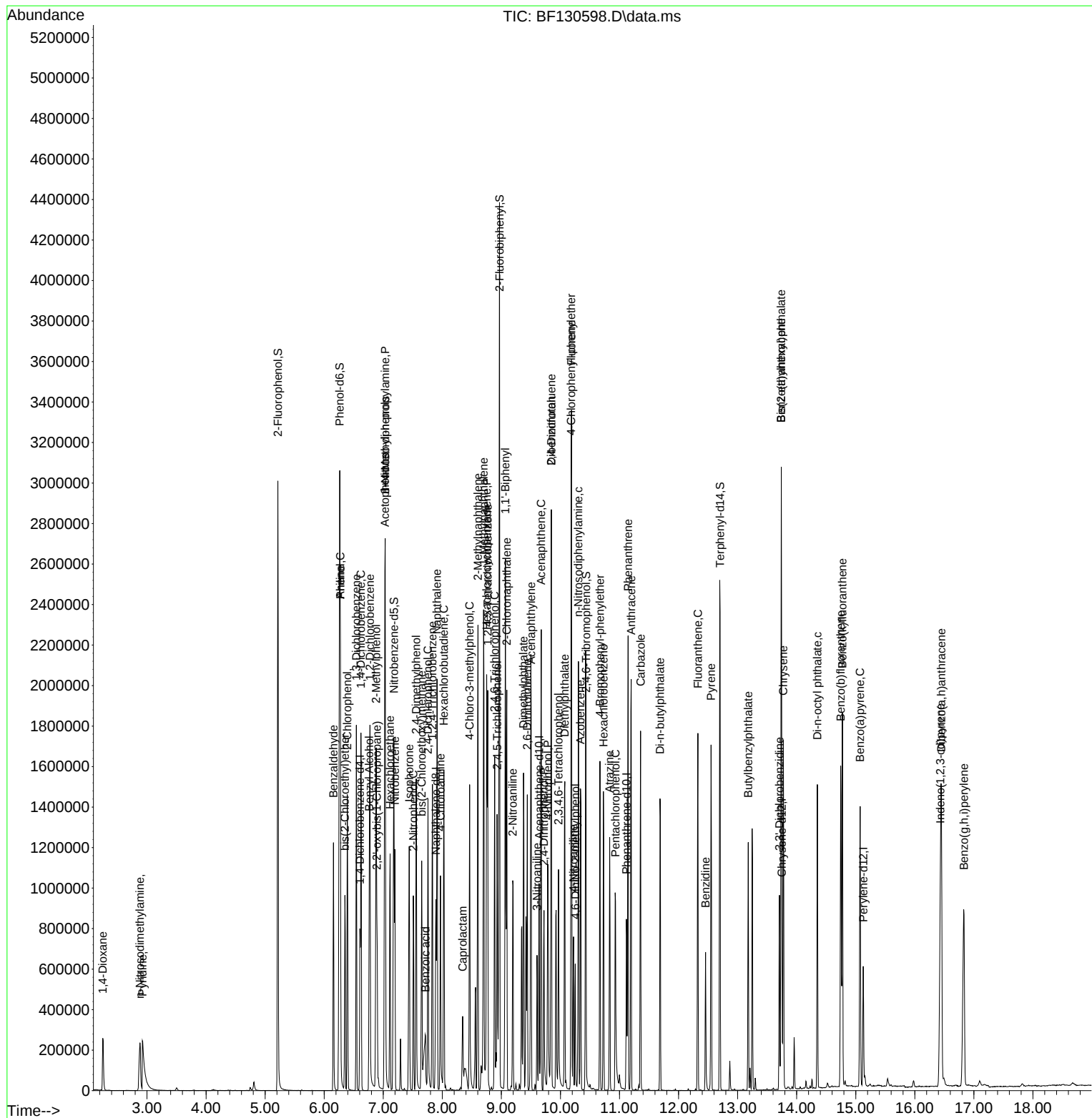
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.928	196	209744	51.774	ng	97
46) 1,1'-Biphenyl	9.069	154	747326	50.767	ng	98
47) 2-Chloronaphthalene	9.092	162	588263	49.400	ng	96
48) 2-Nitroaniline	9.192	65	181763	45.764	ng	92
49) Acenaphthylene	9.504	152	782474	43.825	ng	99
50) Dimethylphthalate	9.375	163	705124	51.789	ng	99
51) 2,6-Dinitrotoluene	9.439	165	159484	56.009	ng	# 82
52) Acenaphthene	9.675	154	469955	40.061	ng	97
53) 3-Nitroaniline	9.604	138	99584	31.386	ng	96
54) 2,4-Dinitrophenol	9.722	184	114543	74.611	ng	# 81
55) Dibenzofuran	9.845	168	715704	43.863	ng	98
56) 4-Nitrophenol	9.786	139	151641	65.617	ng	# 81
57) 2,4-Dinitrotoluene	9.845	165	165280	45.417	ng	# 92
58) Fluorene	10.186	166	584244	43.782	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.969	232	128462	40.513	ng	95
60) Diethylphthalate	10.074	149	579505	42.444	ng	98
61) 4-Chlorophenyl-phenyle...	10.180	204	270565	46.220	ng	99
62) 4-Nitroaniline	10.222	138	113914	35.739	ng	87
63) Azobenzene	10.339	77	555411	39.505	ng	97
65) 4,6-Dinitro-2-methylph...	10.251	198	79753	45.733	ng	82
66) n-Nitrosodiphenylamine	10.304	169	485914	46.417	ng	100
67) 4-Bromophenyl-phenylether	10.669	248	171371	49.588	ng	96
68) Hexachlorobenzene	10.727	284	196930	50.270	ng	95
69) Atrazine	10.833	200	145643	47.607	ng	97
70) Pentachlorophenol	10.933	266	144516	68.737	ng	98
71) Phenanthrene	11.145	178	766253	43.566	ng	100
72) Anthracene	11.198	178	765222	45.084	ng	100
73) Carbazole	11.357	167	632548	41.295	ng	99
74) Di-n-butylphthalate	11.686	149	725232	39.262	ng	99
75) Fluoranthene	12.327	202	651864	38.355	ng	98
77) Benzidine	12.457	184	234583	40.764	ng	99
78) Pyrene	12.551	202	644657	37.173	ng	100
80) Butylbenzylphthalate	13.180	149	254174	39.563	ng	96
81) Benzo(a)anthracene	13.739	228	583661	44.258	ng	99
82) 3,3'-Dichlorobenzidine	13.710	252	188904	52.622	ng	99
83) Chrysene	13.774	228	560444	44.757	ng	99
84) Bis(2-ethylhexyl)phtha...	13.739	149	359986	48.919	ng	99
85) Di-n-octyl phthalate	14.351	149	657878	58.450	ng	95
87) Indeno(1,2,3-cd)pyrene	16.433	276	751766	46.784	ng	99
88) Benzo(b)fluoranthene	14.745	252	738416	49.928	ng	99
89) Benzo(k)fluoranthene	14.774	252	638924	43.917	ng	99
90) Benzo(a)pyrene	15.074	252	596225	50.886	ng	99
91) Dibenzo(a,h)anthracene	16.451	278	663244	50.314	ng	99
92) Benzo(g,h,i)perylene	16.833	276	686572	51.704	ng	98

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

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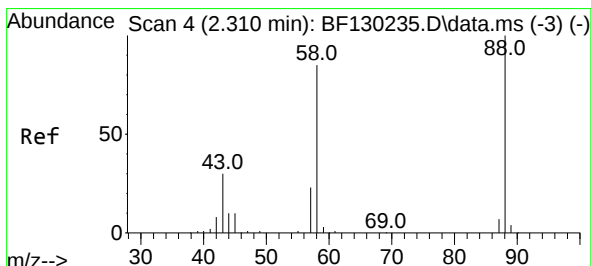
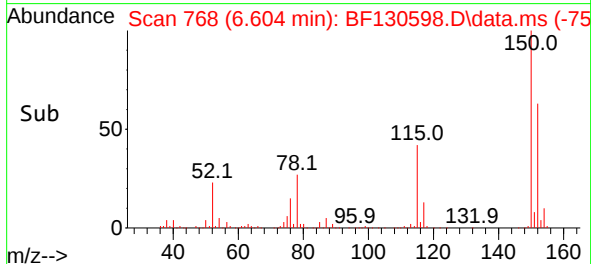
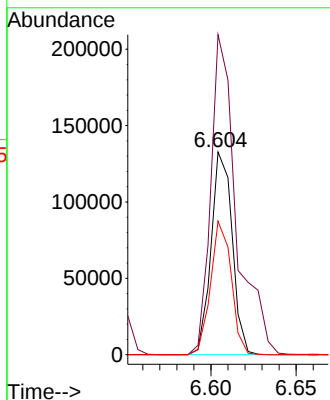
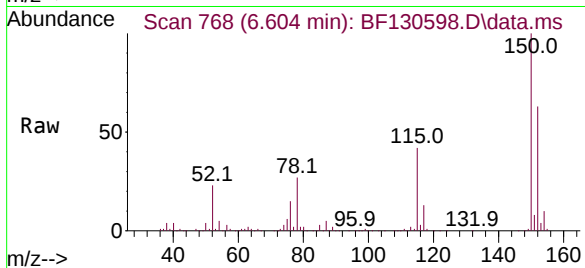




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.604 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BF130598.D
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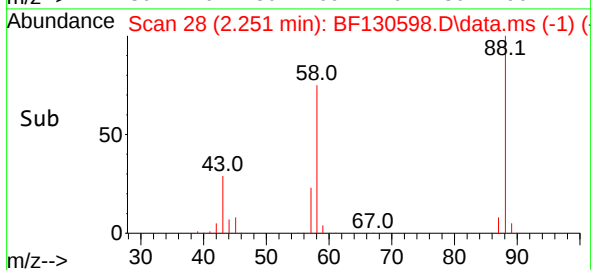
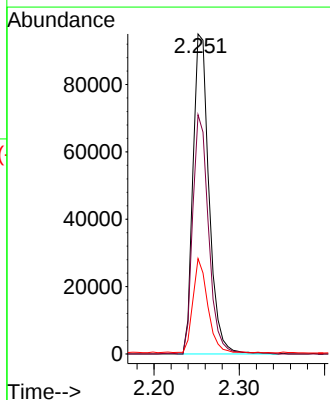
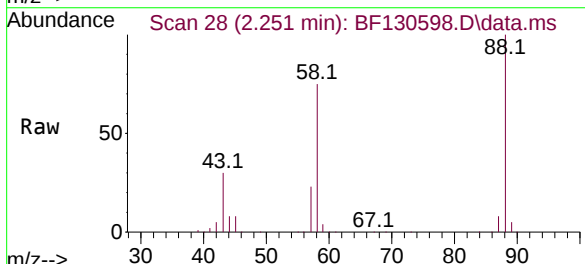
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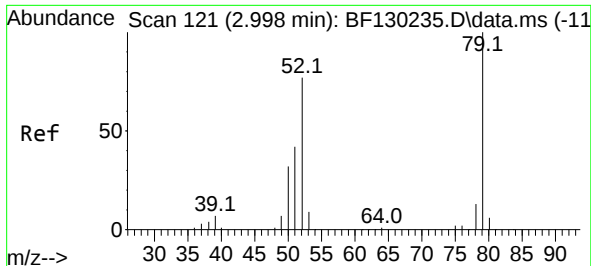
Tgt Ion:152 Resp: 114510
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.8 184.2
 115 65.9 53.8 80.8



#2
 1,4-Dioxane
 Concen: 40.866 ng
 RT: 2.251 min Scan# 28
 Delta R.T. 0.082 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Tgt Ion: 88 Resp: 123907
 Ion Ratio Lower Upper
 88 100
 58 74.2 61.3 91.9
 43 27.1 23.0 34.6





#3

Pyridine

Concen: 30.904 ng

RT: 2.922 min Scan# 14

Delta R.T. 0.088 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

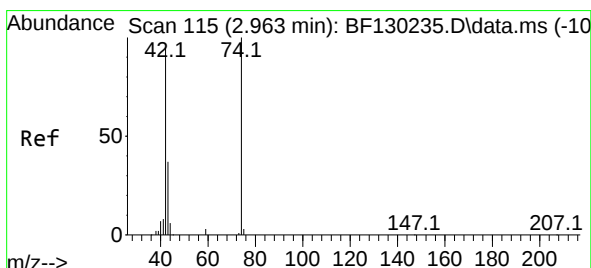
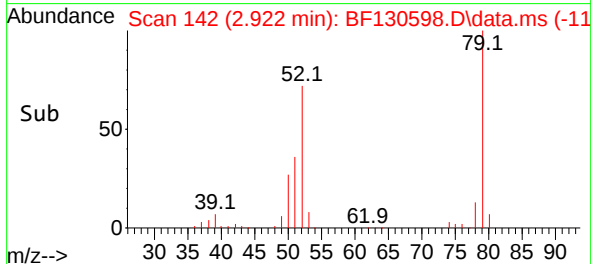
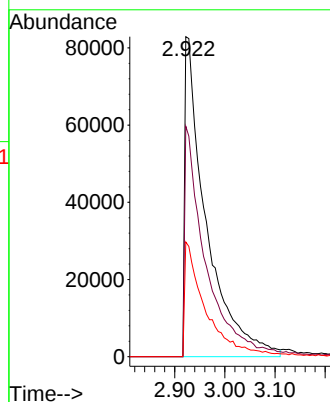
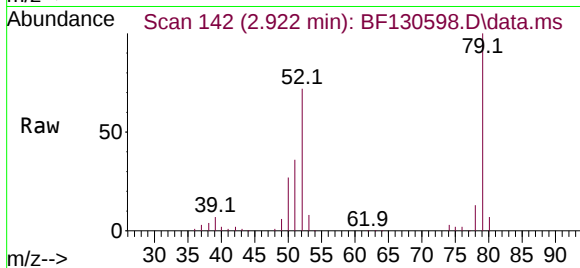
Tgt Ion: 79 Resp: 244437

Ion Ratio Lower Upper

79 100

52 72.0 62.4 93.6

51 35.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 33.171 ng

RT: 2.881 min Scan# 135

Delta R.T. 0.082 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

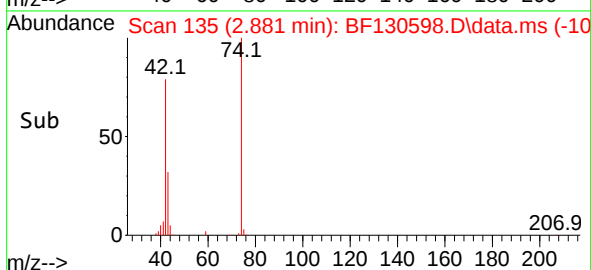
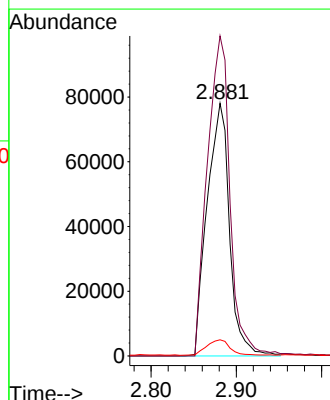
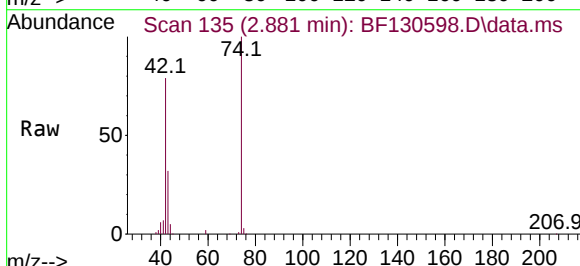
Tgt Ion: 42 Resp: 142695

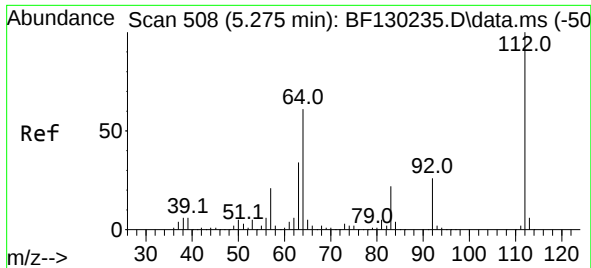
Ion Ratio Lower Upper

42 100

74 126.7 88.4 132.6

44 6.4 5.0 7.4

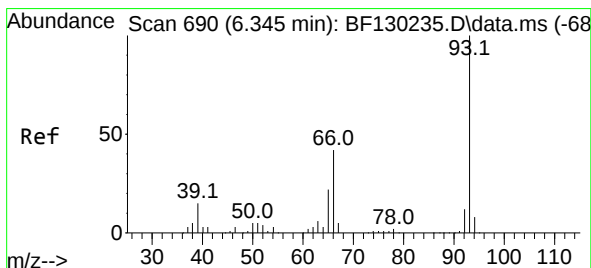
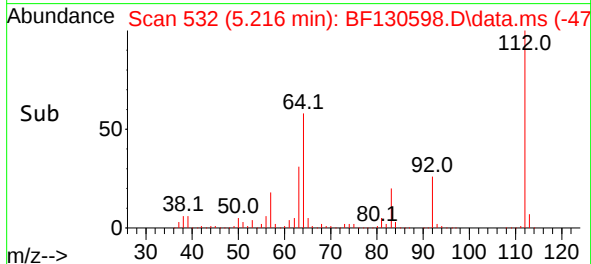
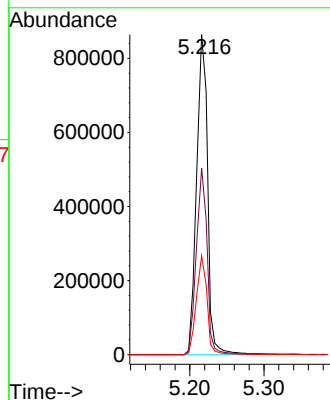
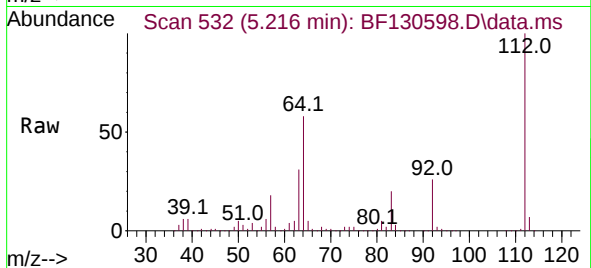




#5
2-Fluorophenol
Concen: 135.403 ng
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

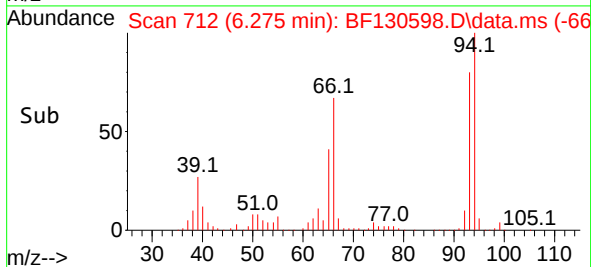
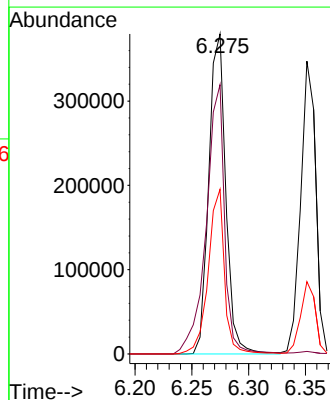
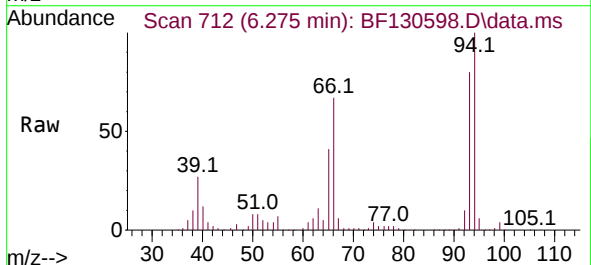
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Tgt Ion:112 Resp: 893935
Ion Ratio Lower Upper
112 100
64 58.4 51.4 77.0
63 30.9 28.8 43.2



#6
Aniline
Concen: 38.812 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 93 Resp: 395033
Ion Ratio Lower Upper
93 100
66 84.2 34.2 51.4#
65 51.5 16.6 24.8#

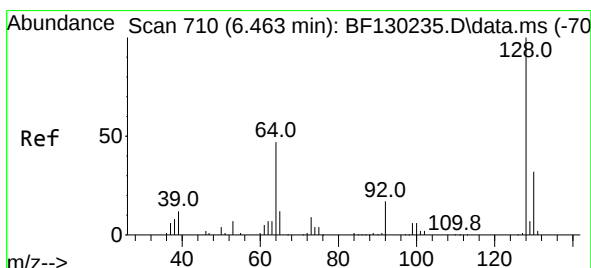
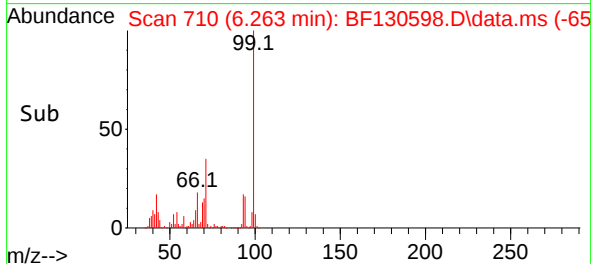
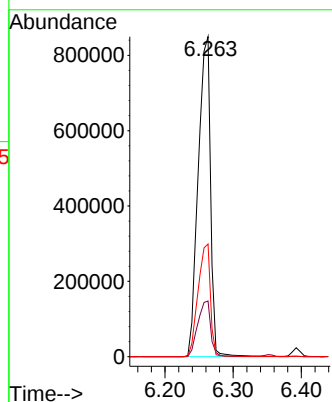
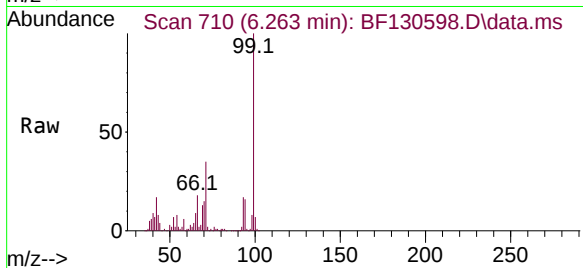




#7
Phenol-d6
Concen: 128.580 ng
RT: 6.263 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

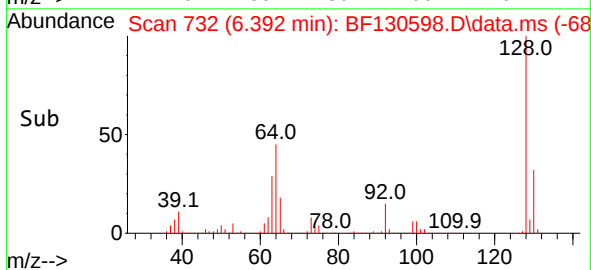
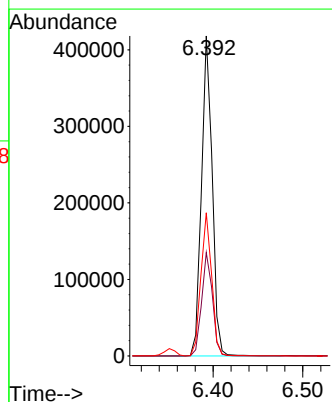
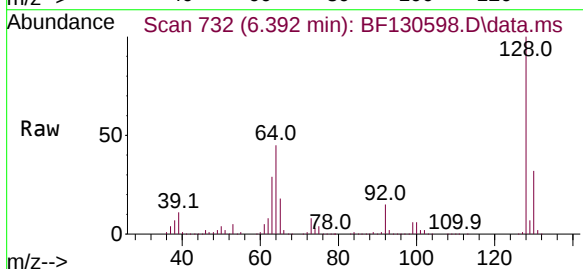
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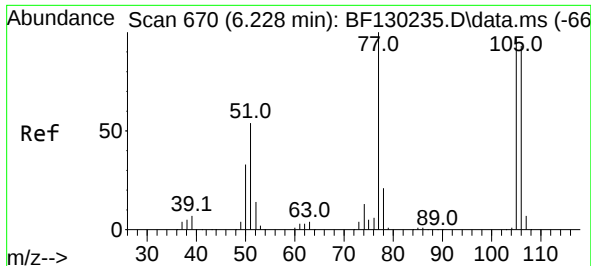
Tgt Ion: 99 Resp: 1062159
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.2 32.3 48.5



#8
2-Chlorophenol
Concen: 46.062 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
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Tgt Ion:128 Resp: 346410
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 44.8 31.6 71.6

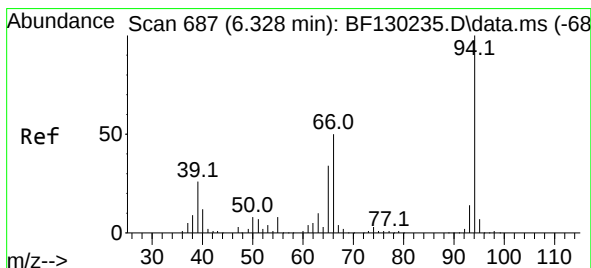
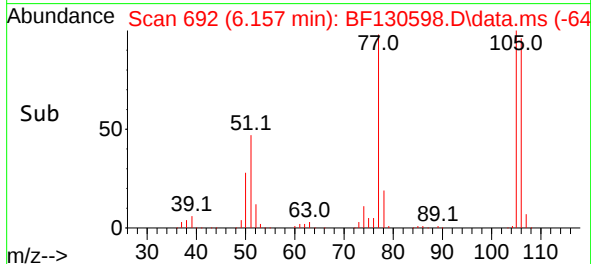
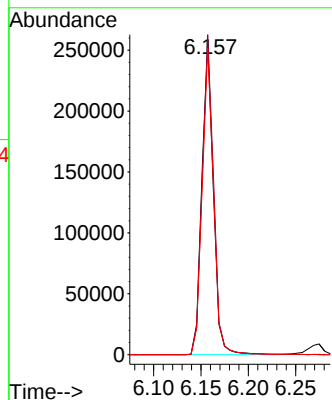
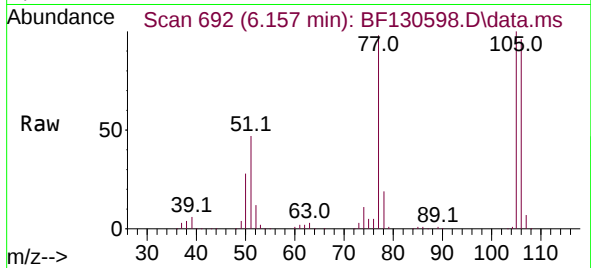




#9
Benzaldehyde
Concen: 39.367 ng
RT: 6.157 min Scan# 61
Delta R.T. -0.000 min
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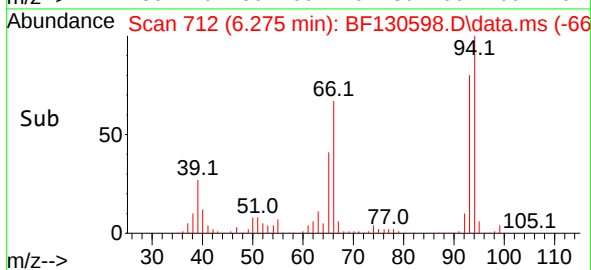
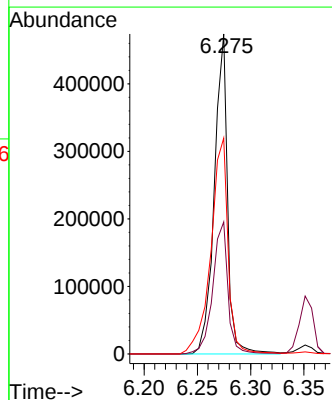
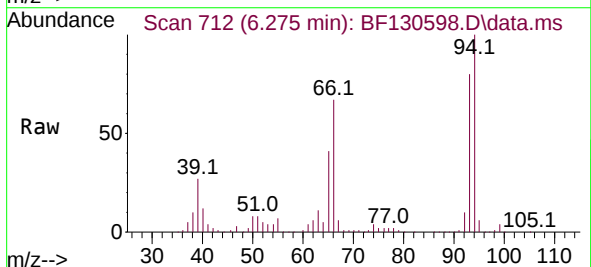
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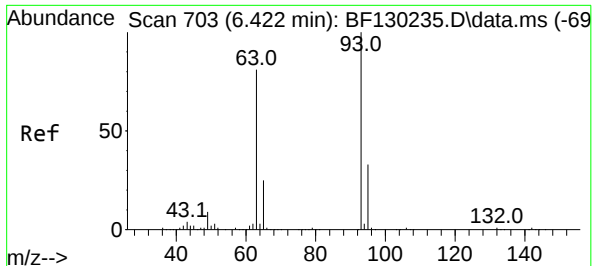
Tgt Ion: 77 Resp: 217830
Ion Ratio Lower Upper
77 100
105 101.7 75.1 115.1
106 97.4 69.7 109.7



#10
Phenol
Concen: 42.370 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 410167
Ion Ratio Lower Upper
94 100
65 41.2 14.1 54.1
66 67.4 28.1 68.1

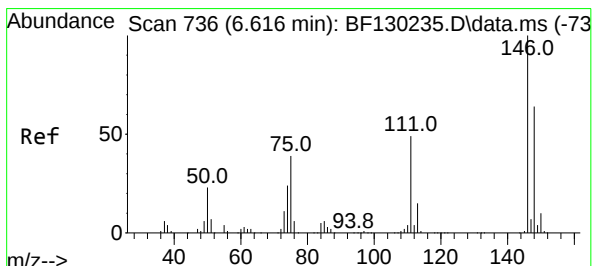
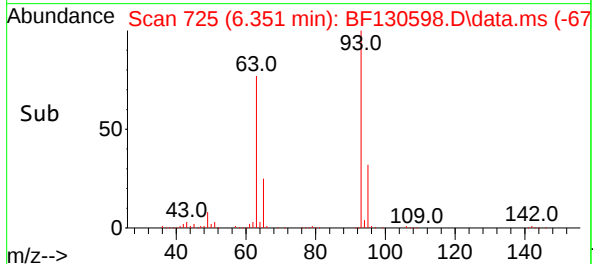
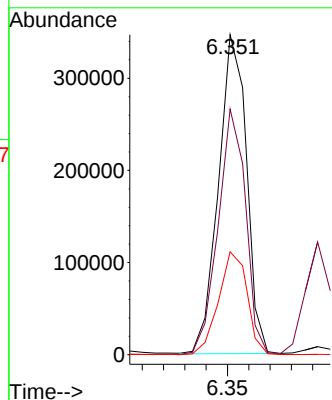
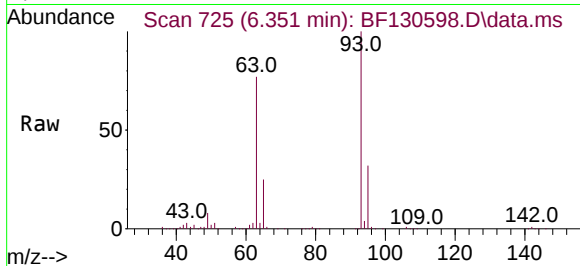




#11
bis(2-Chloroethyl)ether
Concen: 45.384 ng
RT: 6.351 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

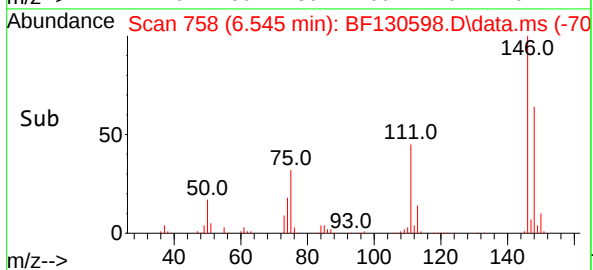
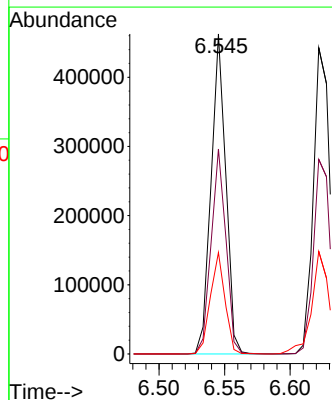
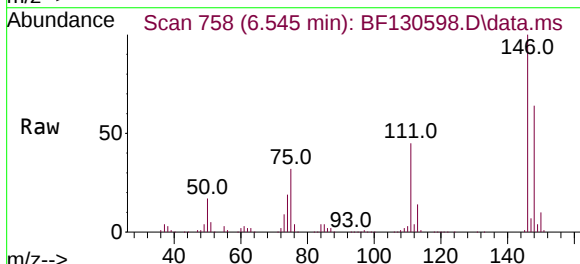
Instrument :
BNA_F
ClientSampleId :
PB148187BS

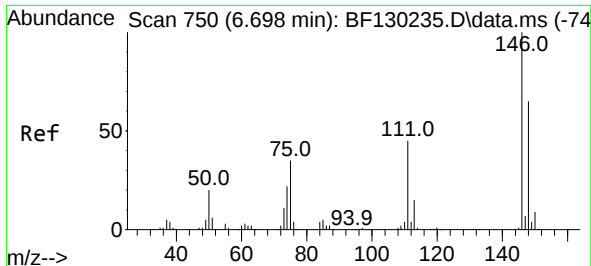
Tgt Ion: 93 Resp: 316896
Ion Ratio Lower Upper
93 100
63 76.7 62.5 102.5
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.790 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:146 Resp: 362373
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 31.7 28.8 43.2

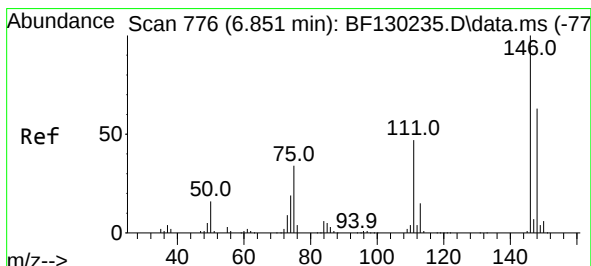
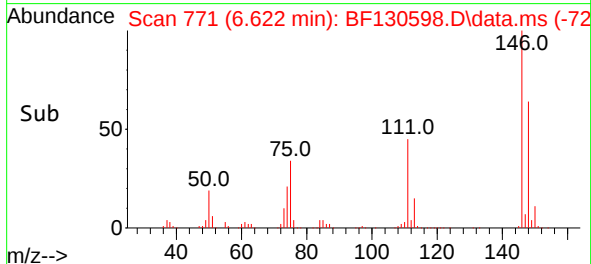
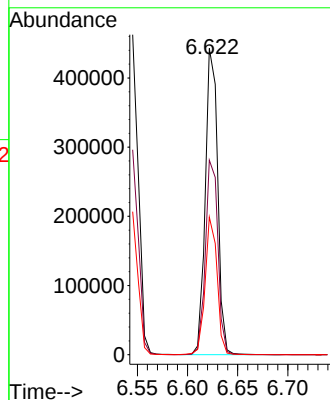
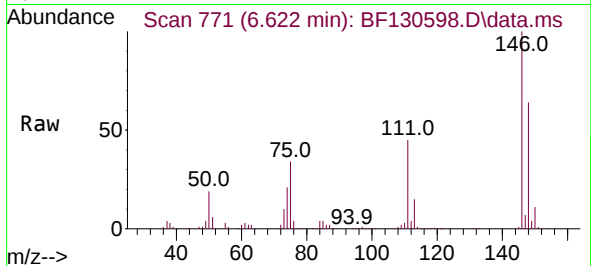




#13
1,4-Dichlorobenzene
Concen: 45.198 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

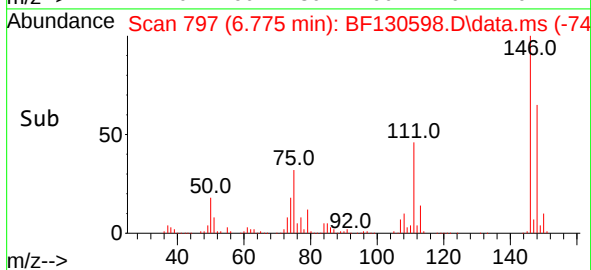
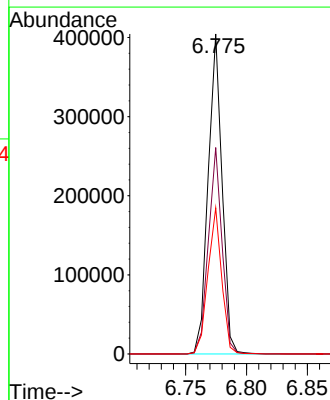
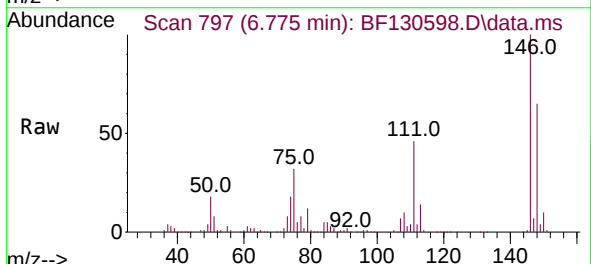
Instrument :
BNA_F
ClientSampleId :
PB148187BS

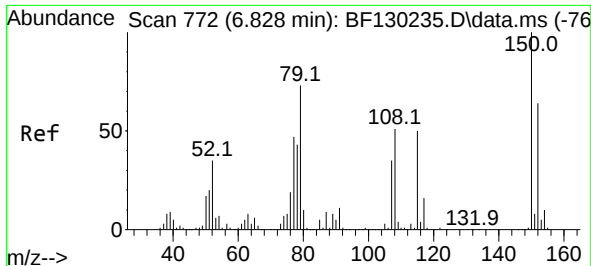
Tgt Ion:146 Resp: 381412
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 44.9 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 40.651 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:146 Resp: 320453
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 45.7 39.2 58.8





#15

Benzyl Alcohol

Concen: 36.752 ng

RT: 6.763 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

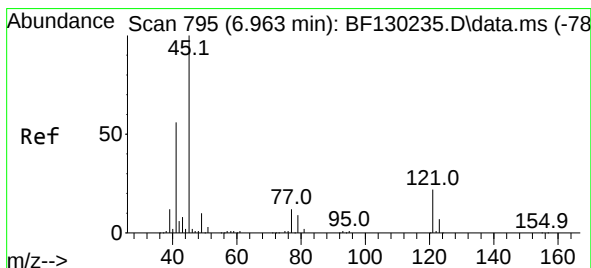
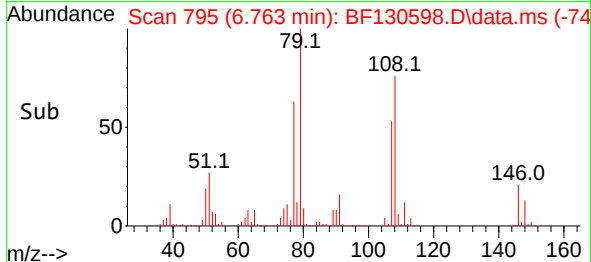
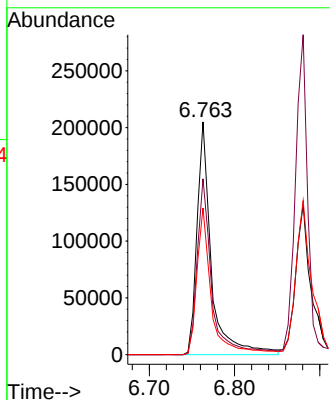
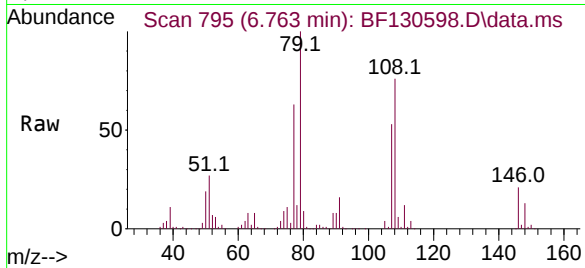
Tgt Ion: 79 Resp: 240709

Ion Ratio Lower Upper

79 100

108 75.5 54.0 81.0

77 63.0 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.192 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

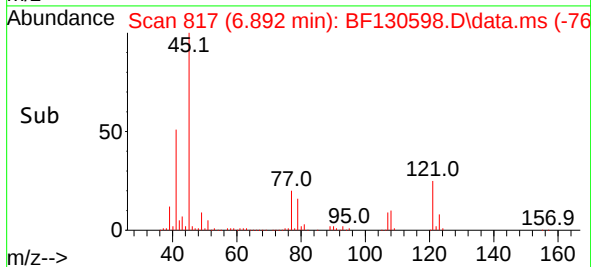
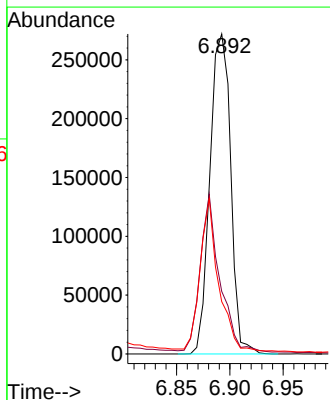
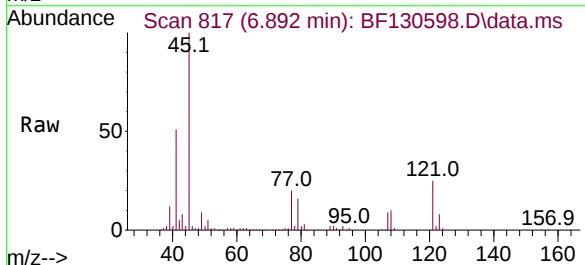
Tgt Ion: 45 Resp: 368580

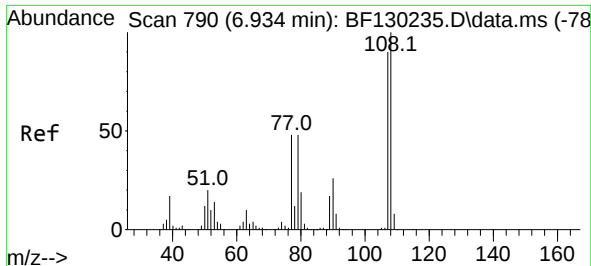
Ion Ratio Lower Upper

45 100

77 19.6 0.0 34.9

79 16.3 0.0 31.0

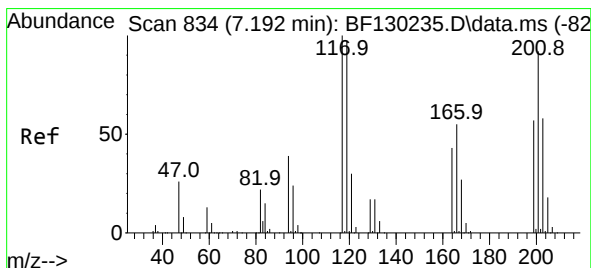
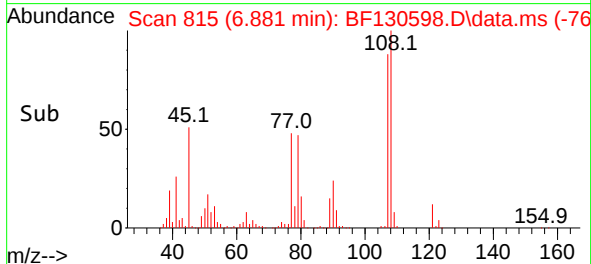
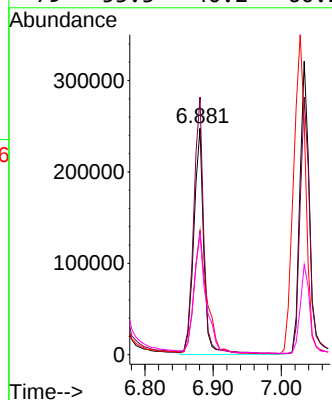
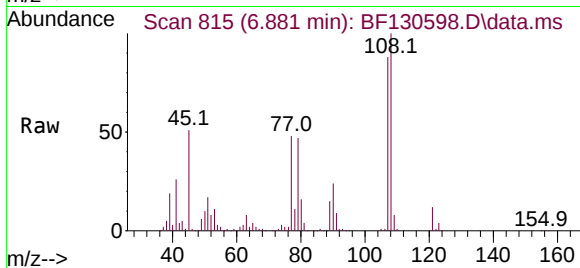




#17
2-Methylphenol
Concen: 41.689 ng
RT: 6.881 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

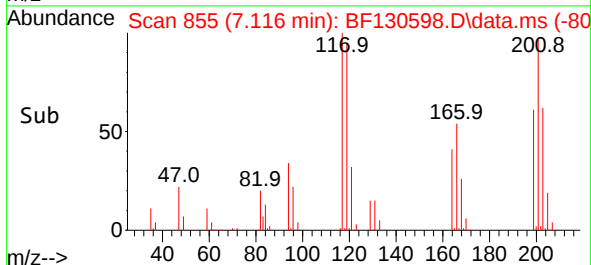
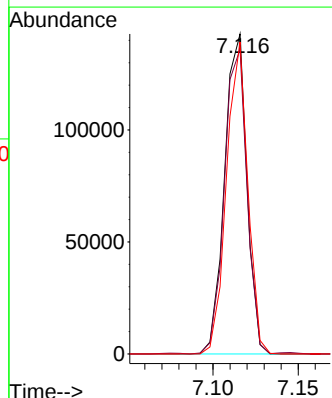
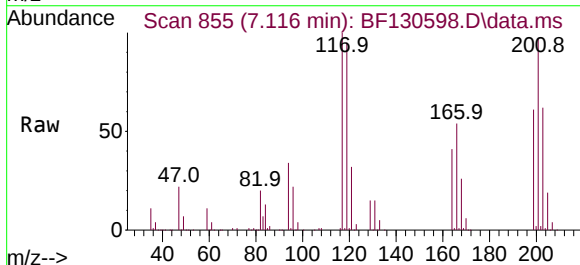
Instrument :
BNA_F
ClientSampleId :
PB148187BS

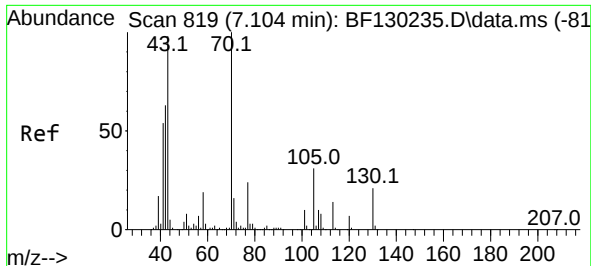
Tgt Ion:107 Resp: 254868
Ion Ratio Lower Upper
107 100
108 113.8 89.4 134.0
77 54.8 40.6 60.8
79 53.3 40.2 60.2



#18
Hexachloroethane
Concen: 39.040 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:117 Resp: 129862
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6
201 97.5 68.7 103.1



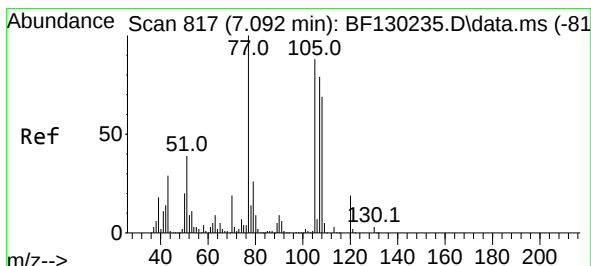
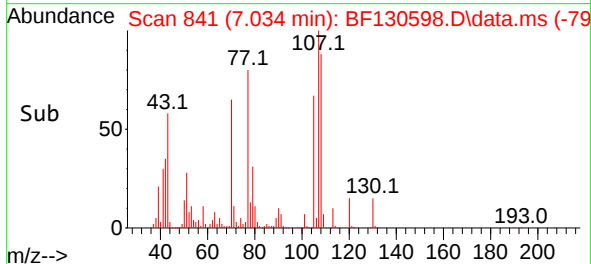
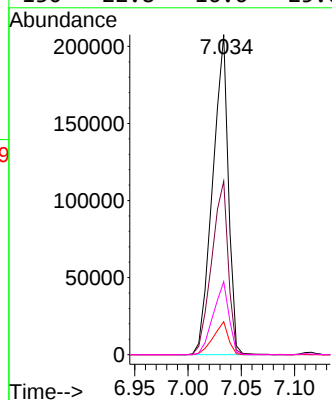
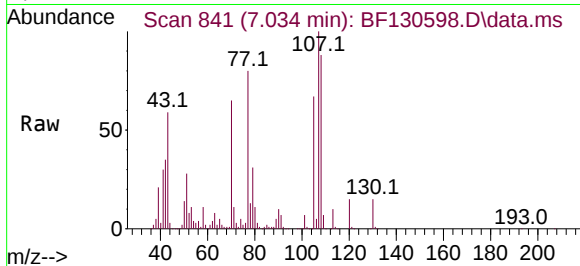


#19
n-Nitroso-di-n-propylamine
Concen: 38.225 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion: 70 Resp: 213070

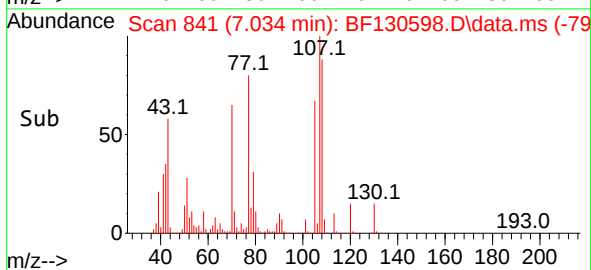
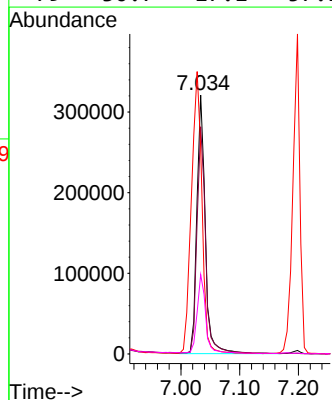
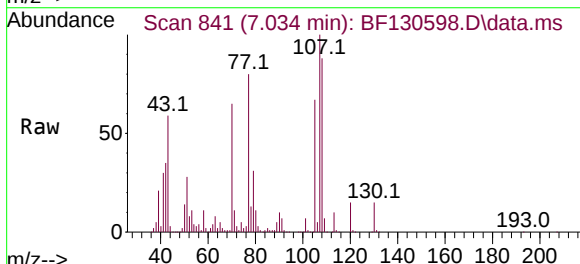
Ion	Ratio	Lower	Upper
70	100		
42	54.2	50.8	76.2
101	10.3	8.2	12.4
130	22.8	16.6	25.0

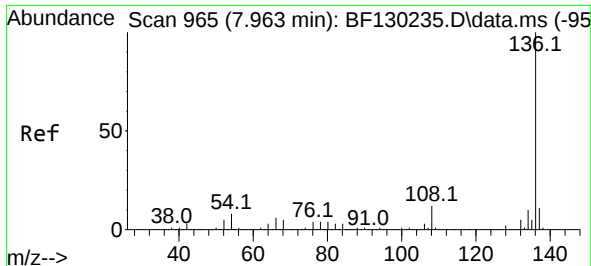


#20
3+4-Methylphenols
Concen: 40.204 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 107 Resp: 319291

Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.8	114.8
77	79.7	125.8	165.8#
79	30.7	17.1	57.1

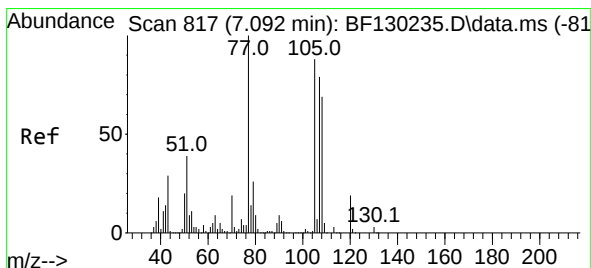
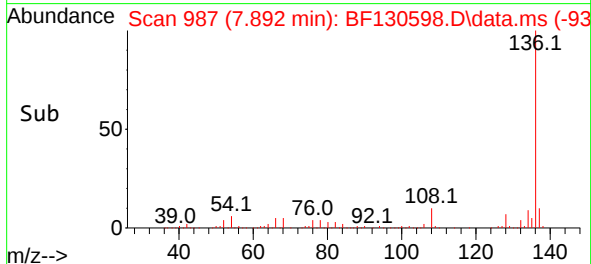
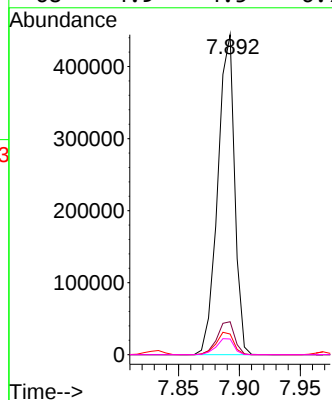
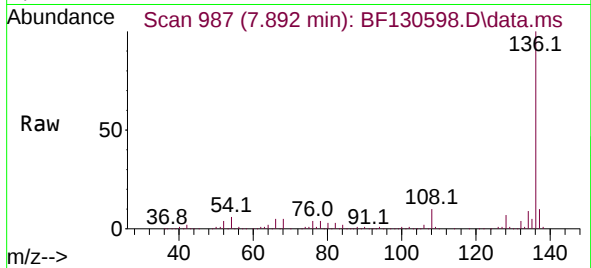




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

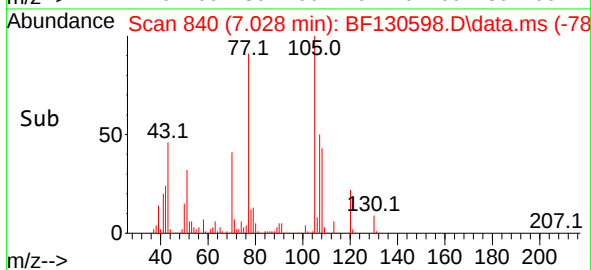
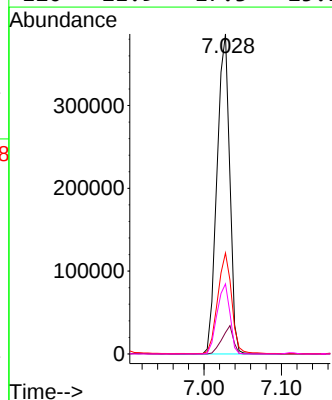
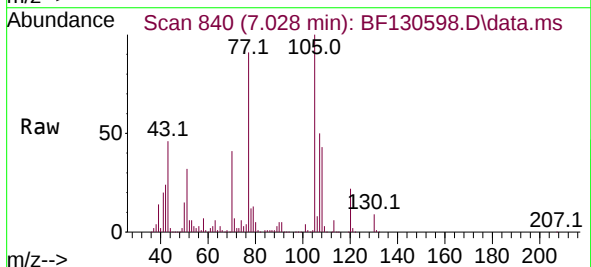
Instrument :
BNA_F
ClientSampleId :
PB148187BS

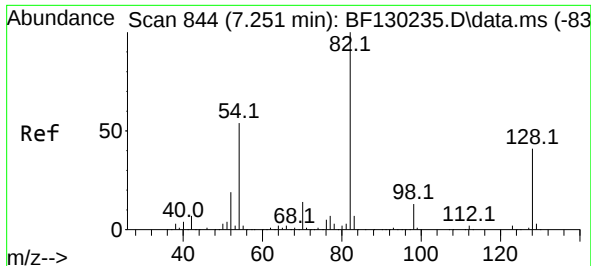
Tgt Ion:136 Resp: 428496
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.5 7.1 10.7#
68 4.9 4.5 6.7



#22
Acetophenone
Concen: 42.264 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:105 Resp: 442758
Ion Ratio Lower Upper
105 100
71 6.7 3.9 5.9#
51 31.5 32.2 48.2#
120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.269 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

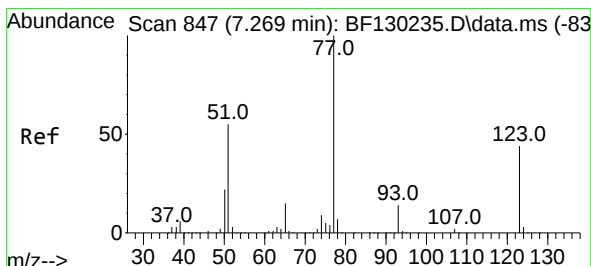
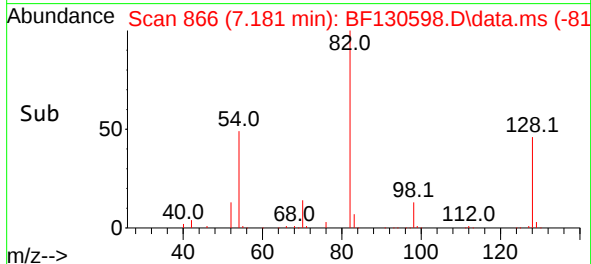
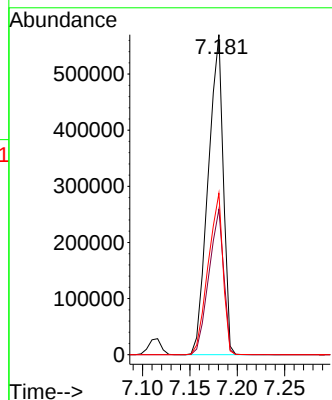
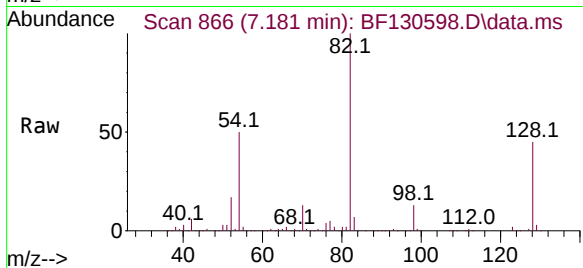
Tgt Ion: 82 Resp: 631303

Ion Ratio Lower Upper

82 100

128 45.5 32.6 49.0

54 50.5 43.8 65.6



#24

Nitrobenzene

Concen: 38.873 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

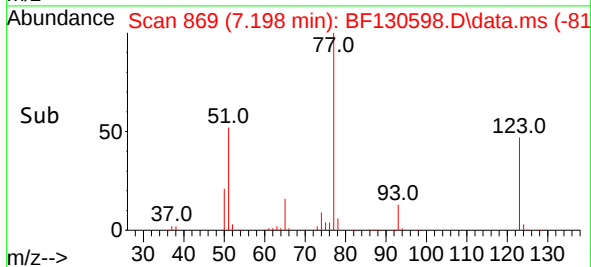
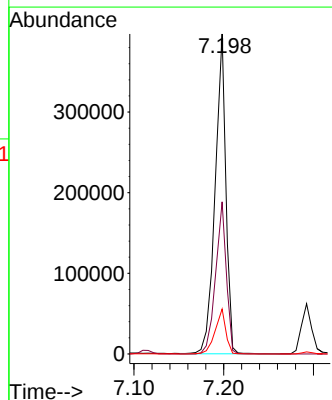
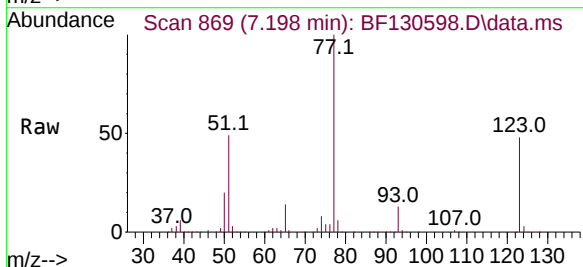
Tgt Ion: 77 Resp: 331059

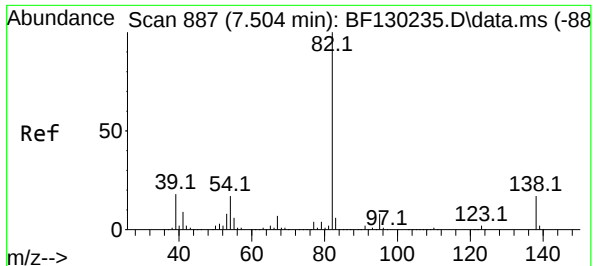
Ion Ratio Lower Upper

77 100

123 47.5 34.3 51.5

65 14.1 12.0 18.0

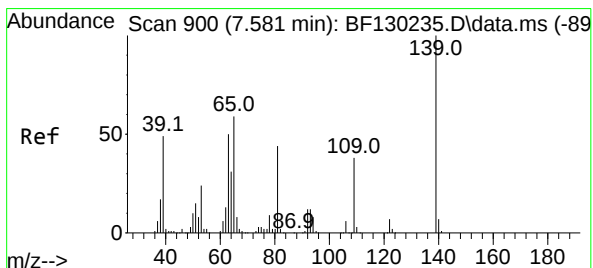
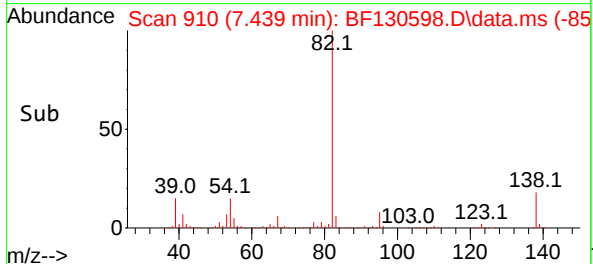
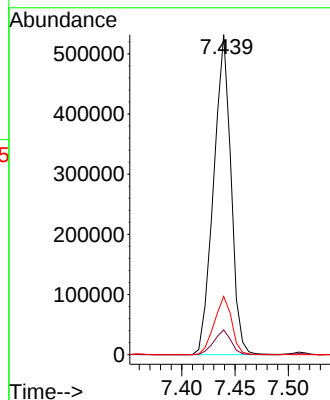
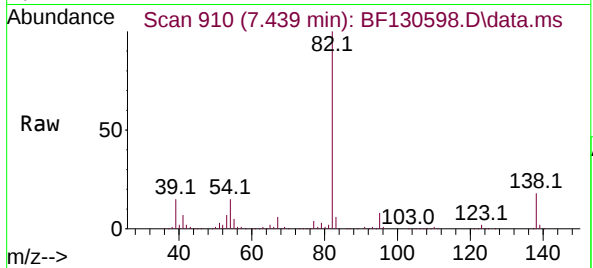




#25
Isophorone
Concen: 44.463 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

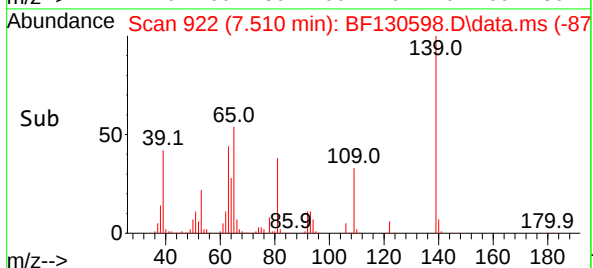
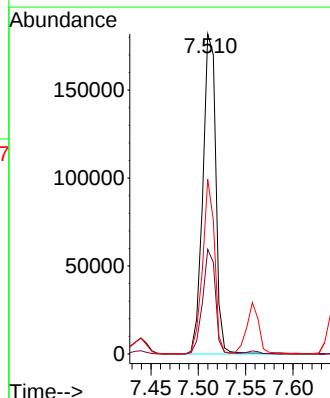
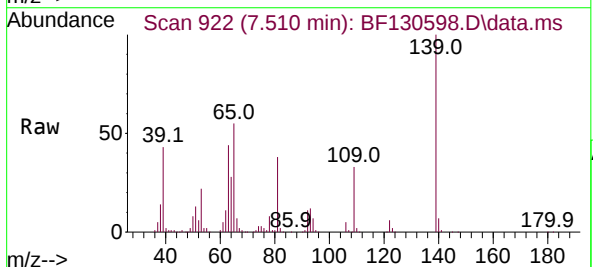
Instrument :
BNA_F
ClientSampleId :
PB148187BS

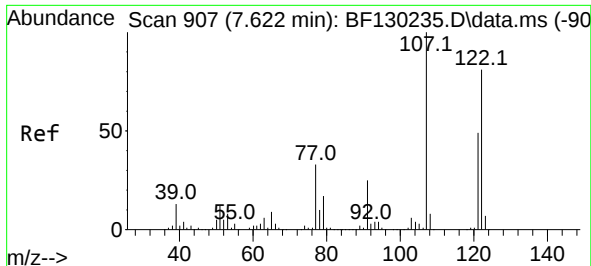
Tgt Ion: 82 Resp: 601072
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.8 20.6



#26
2-Nitrophenol
Concen: 49.961 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 139 Resp: 174423
Ion Ratio Lower Upper
139 100
109 32.7 30.2 45.4
65 54.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.487 ng

RT: 7.557 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

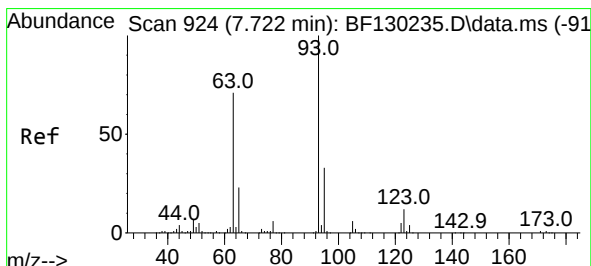
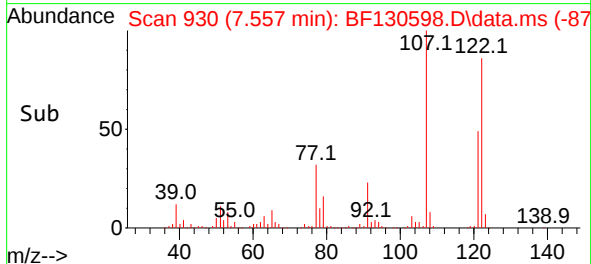
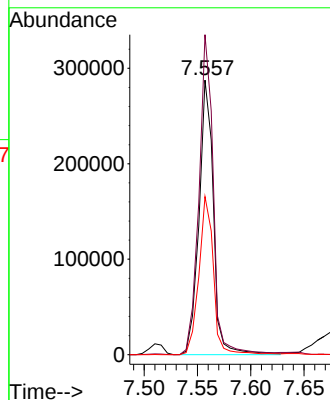
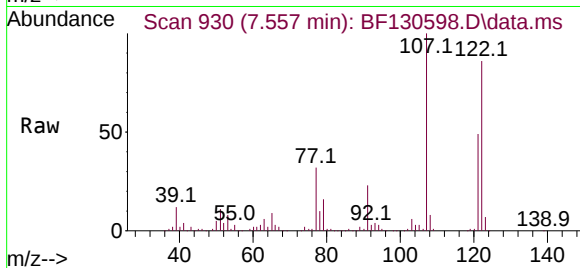
Tgt Ion:122 Resp: 271391

Ion Ratio Lower Upper

122 100

107 116.6 100.2 150.2

121 57.6 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.979 ng

RT: 7.651 min Scan# 946

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

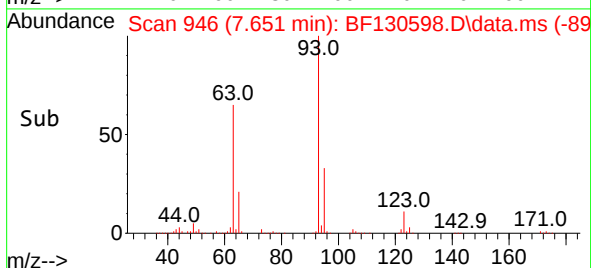
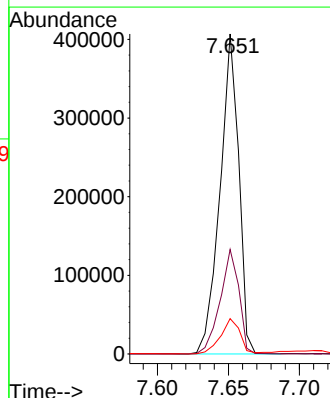
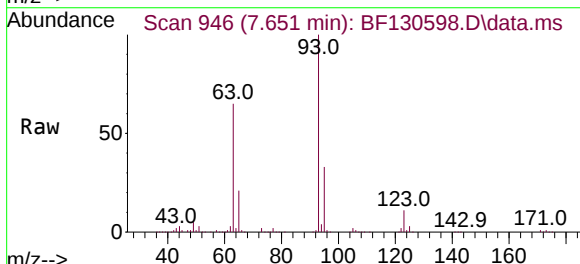
Tgt Ion: 93 Resp: 372829

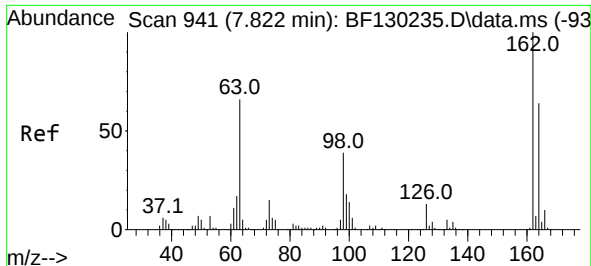
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.429 ng

RT: 7.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

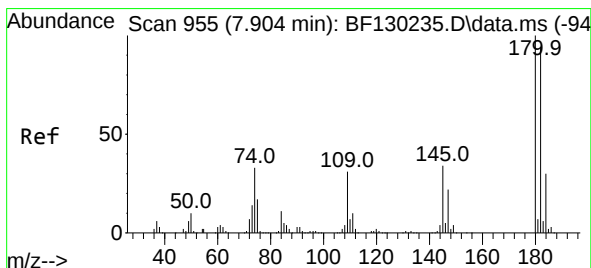
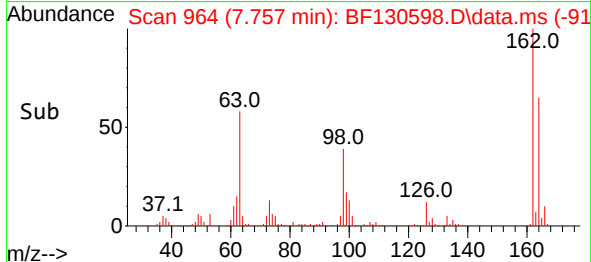
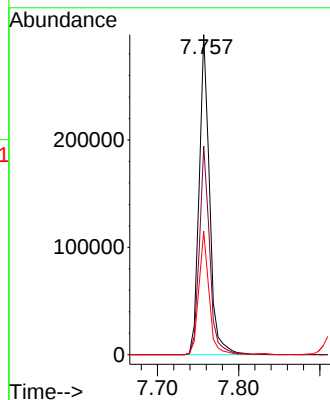
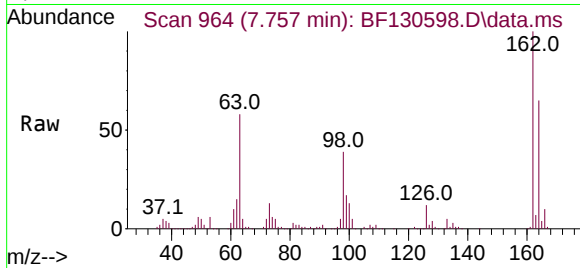
Tgt Ion:162 Resp: 267609

Ion Ratio Lower Upper

162 100

164 65.2 42.2 82.2

98 38.6 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 43.670 ng

RT: 7.833 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

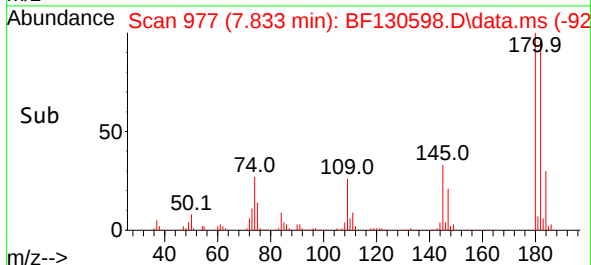
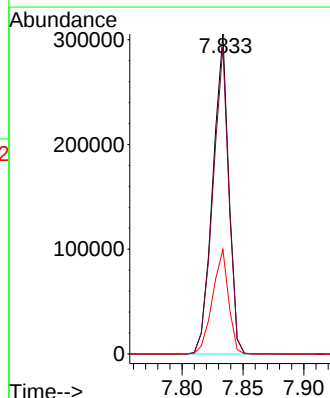
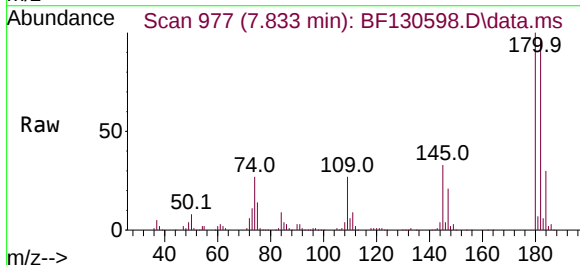
Tgt Ion:180 Resp: 278124

Ion Ratio Lower Upper

180 100

182 96.0 73.3 109.9

145 32.7 28.3 42.5

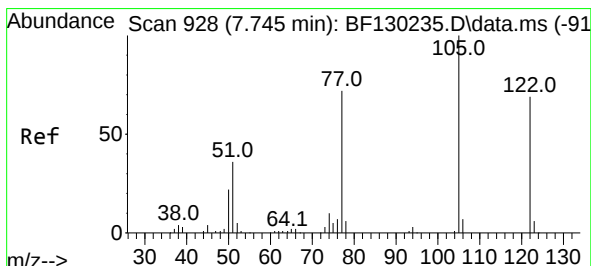
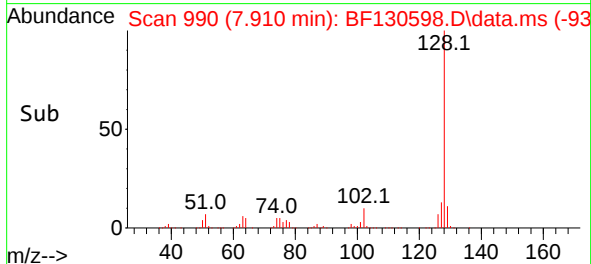
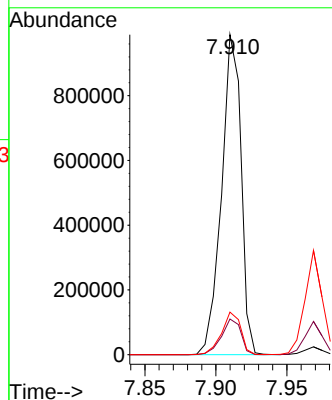
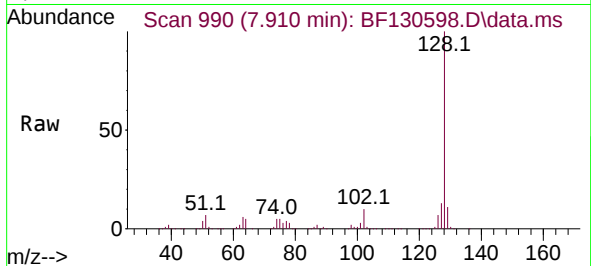




#31
Naphthalene
Concen: 42.783 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

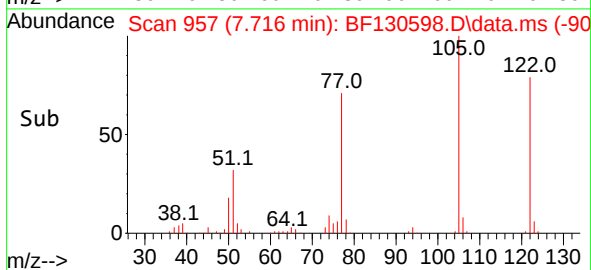
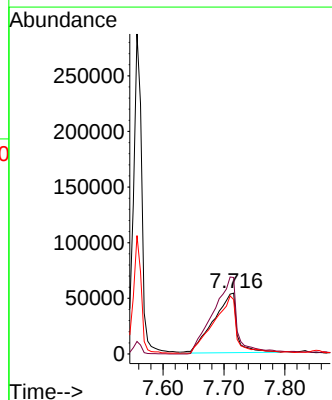
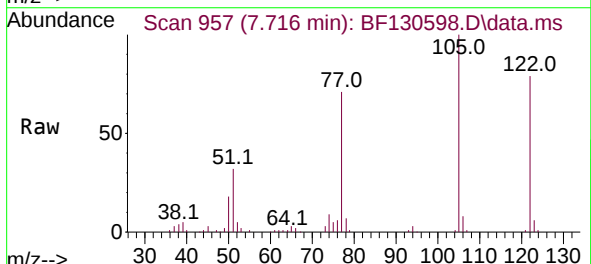
Instrument :
BNA_F
ClientSampleId :
PB148187BS

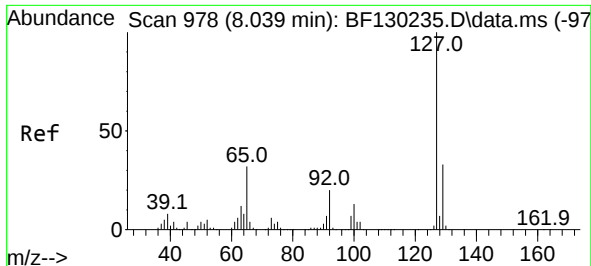
Tgt Ion:128 Resp: 944462
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 34.884 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:122 Resp: 145011
Ion Ratio Lower Upper
122 100
105 125.9 112.9 152.9
77 89.5 82.8 122.8

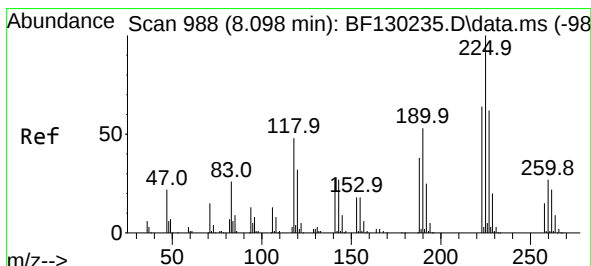
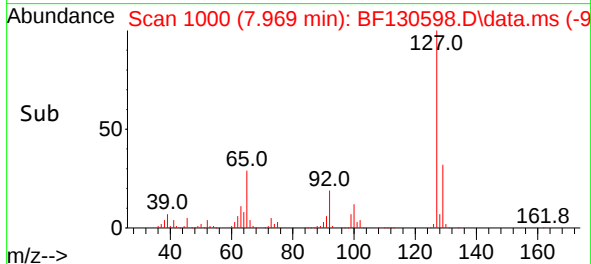
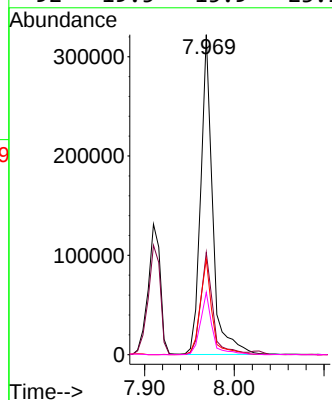
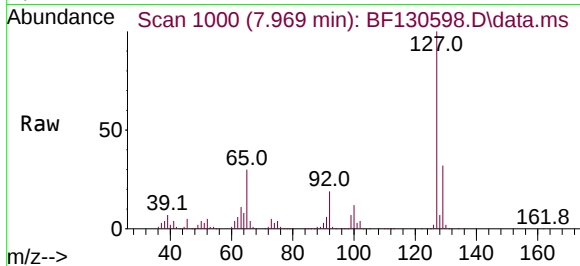




#33
4-Chloroaniline
Concen: 35.451 ng
RT: 7.969 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

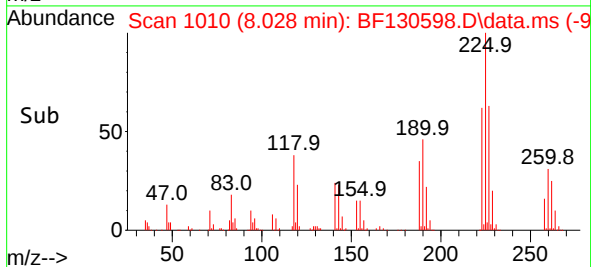
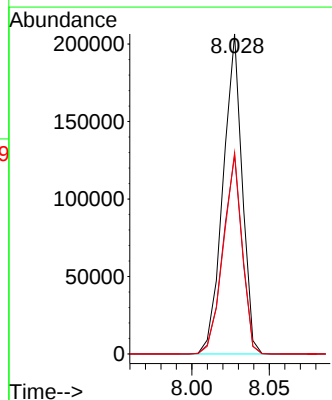
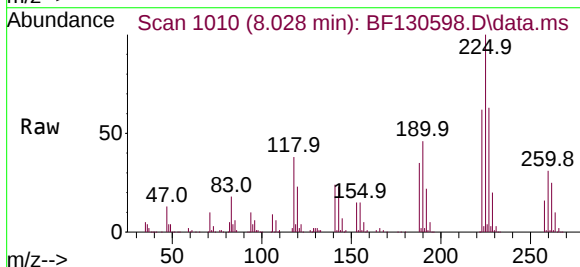
Instrument :
BNA_F
ClientSampleId :
PB148187BS

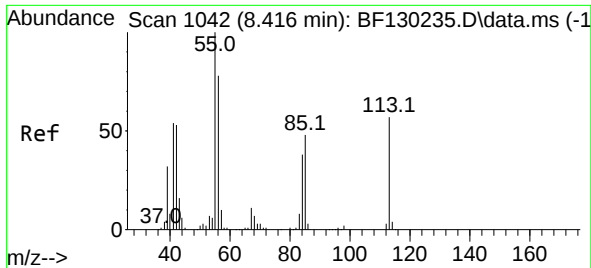
Tgt Ion:127	Resp:	297649	
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	29.8	27.0	40.6
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.425 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:225	Resp:	176748	
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.3	75.5
227	62.9	51.1	76.7

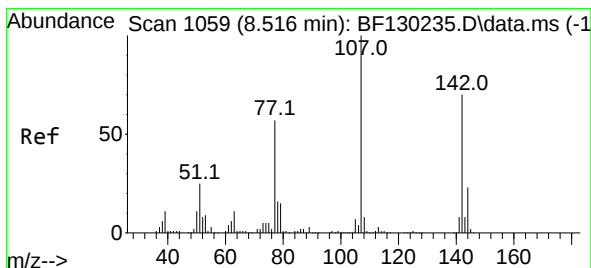
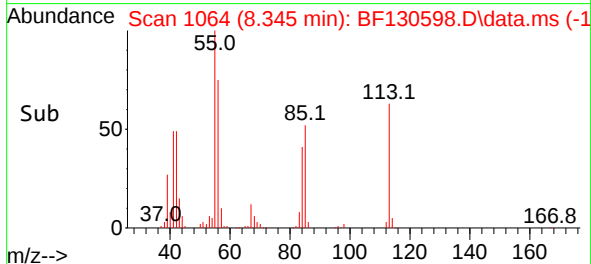
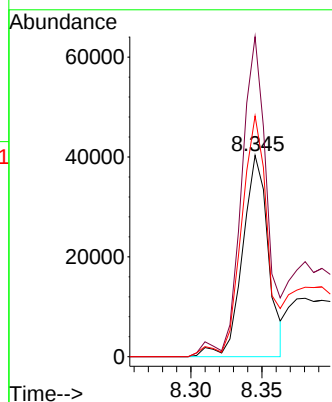
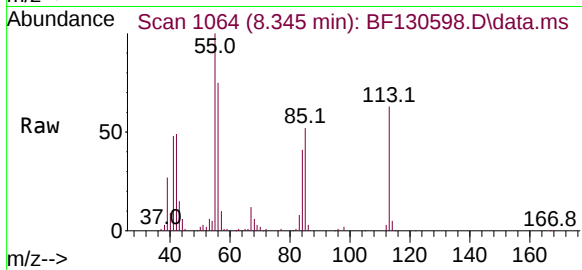




#35
 Caprolactam
 Concen: 30.025 ng
 RT: 8.345 min Scan# 1064
 Delta R.T. -0.000 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

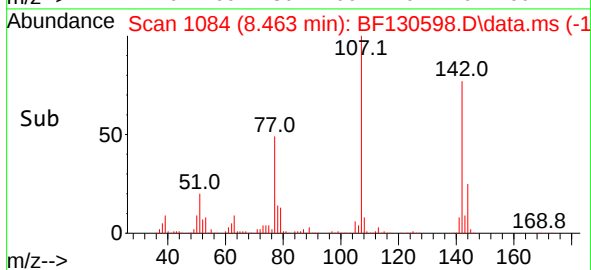
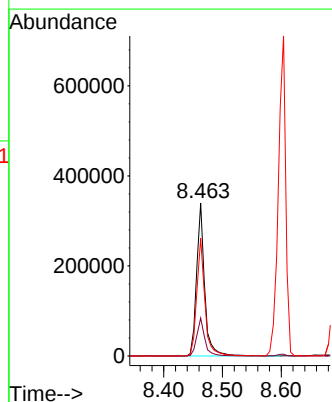
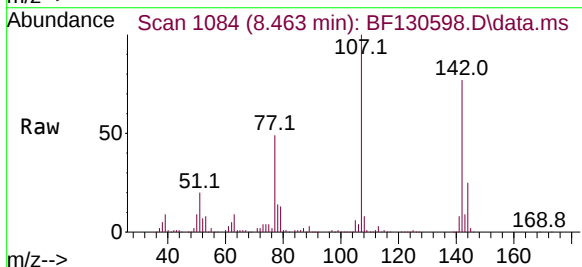
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

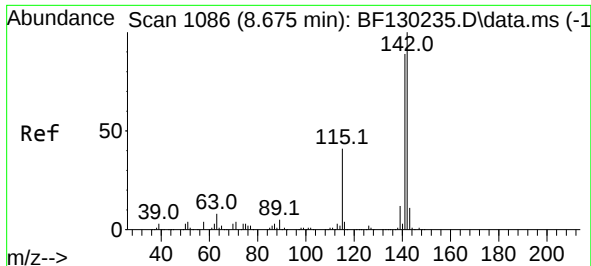
Tgt Ion:113 Resp: 50704
 Ion Ratio Lower Upper
 113 100
 55 159.0 155.4 195.4
 56 119.7 120.4 160.4#



#36
 4-Chloro-3-methylphenol
 Concen: 49.236 ng
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Tgt Ion:107 Resp: 321480
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 76.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 44.115 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

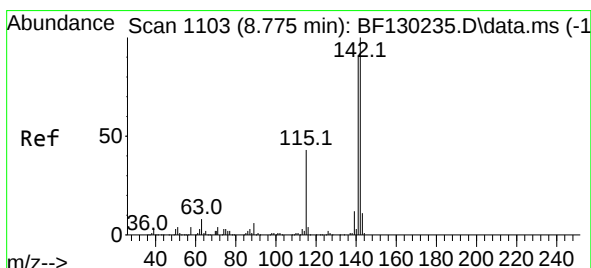
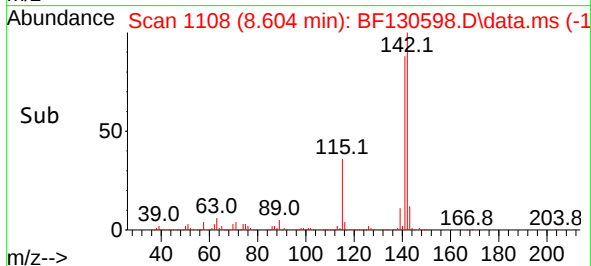
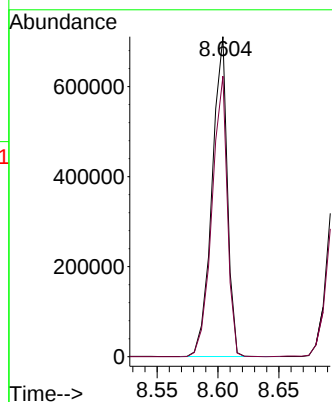
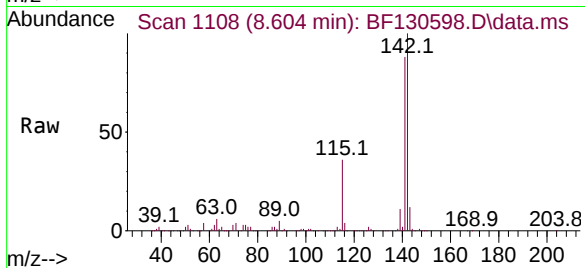
PB148187BS

Tgt Ion:142 Resp: 620928

Ion Ratio Lower Upper

142 100

141 87.6 70.0 105.0



#38

1-Methylnaphthalene

Concen: 47.362 ng

RT: 8.698 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF130598.D

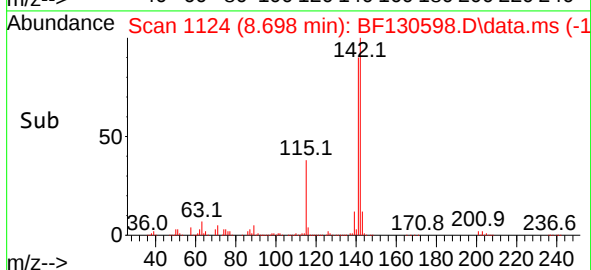
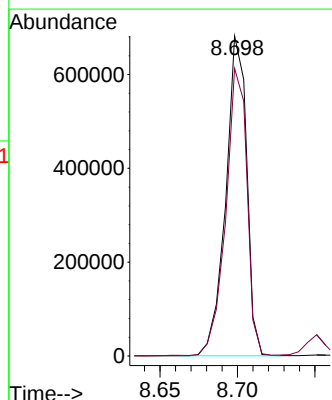
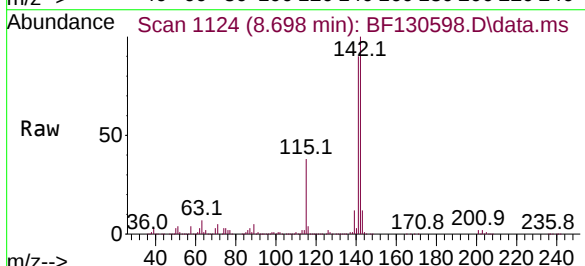
Acq: 10 Oct 2022 12:15

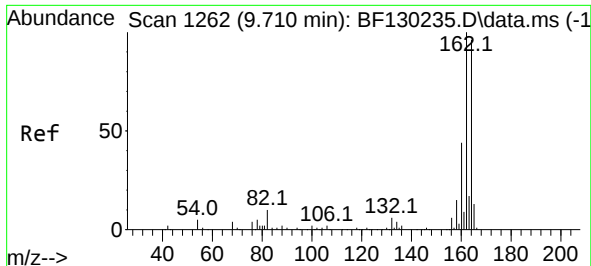
Tgt Ion:142 Resp: 640395

Ion Ratio Lower Upper

142 100

141 89.9 73.8 110.8

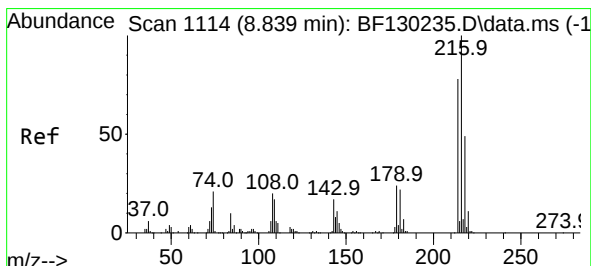
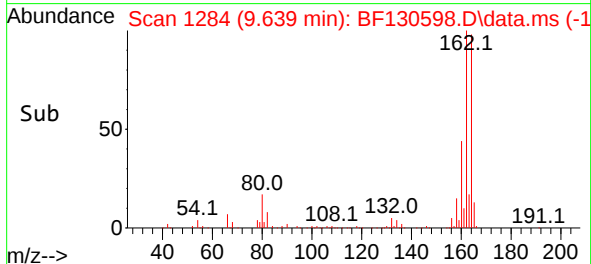
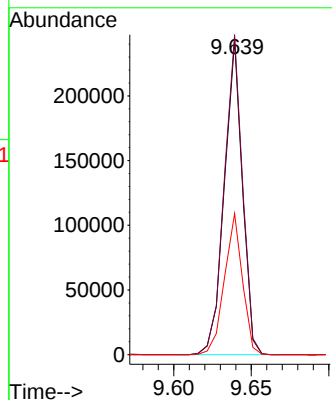
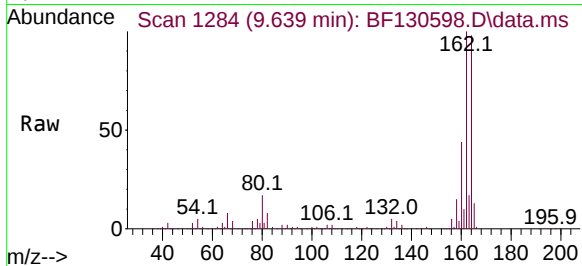




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

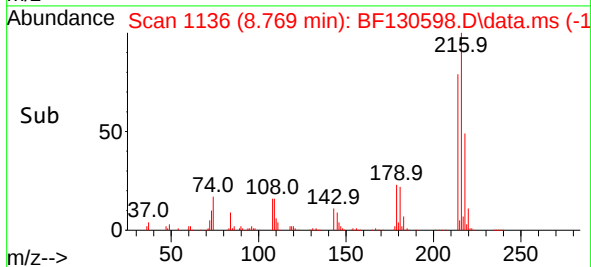
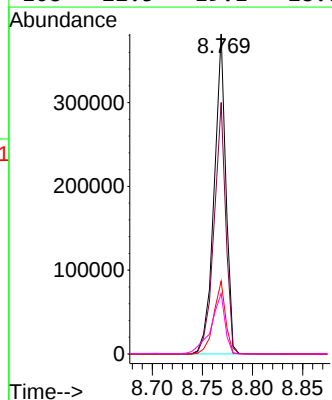
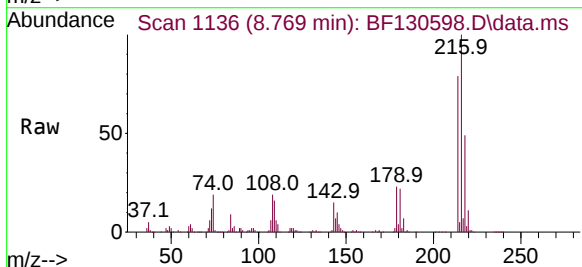
Instrument :
BNA_F
ClientSampleId :
PB148187BS

Tgt Ion:164 Resp: 197107
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.880 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:216 Resp: 311348
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.7 19.5 29.3
108 22.5 19.1 28.7

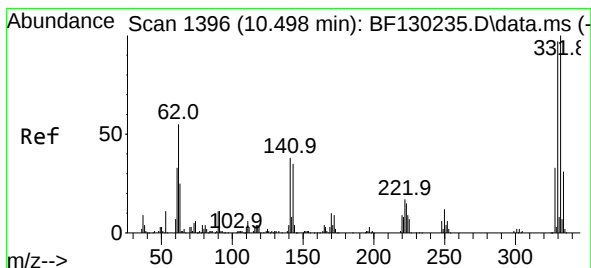
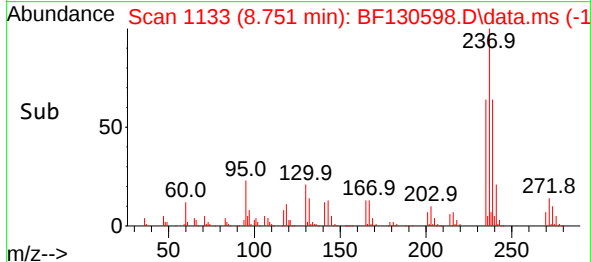
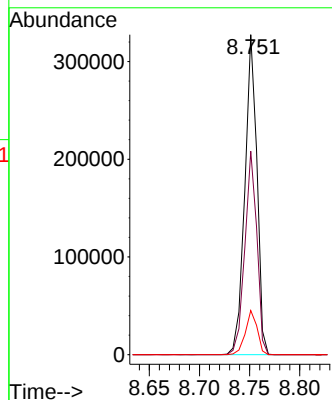
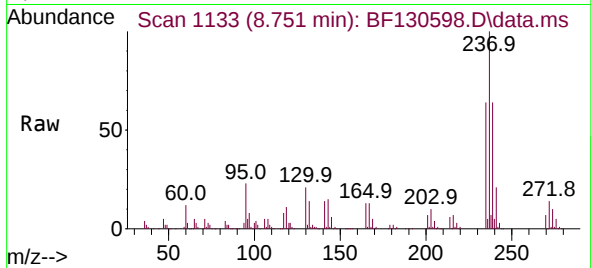




#41
Hexachlorocyclopentadiene
Concen: 95.871 ng
RT: 8.751 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

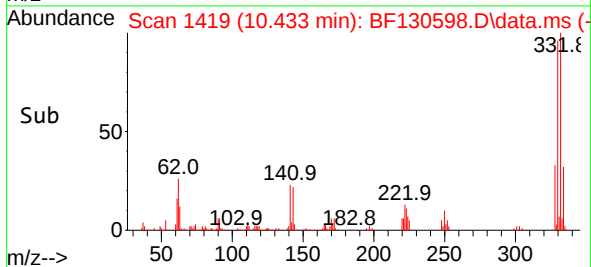
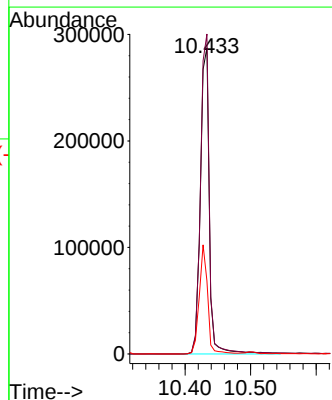
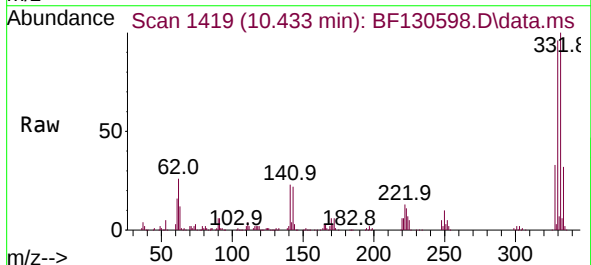
Instrument :
BNA_F
ClientSampleId :
PB148187BS

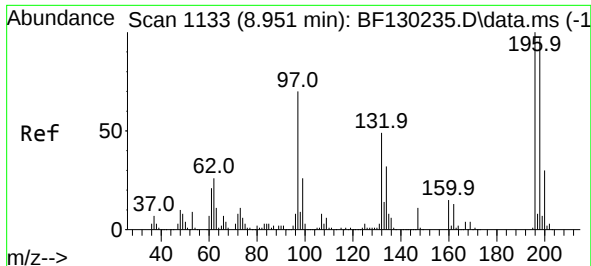
Tgt Ion:237 Resp: 276104
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 13.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 144.549 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:330 Resp: 273005
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 33.3 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 52.328 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

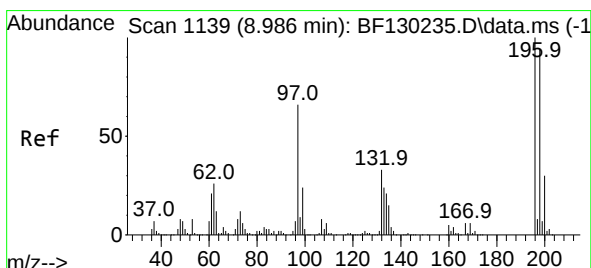
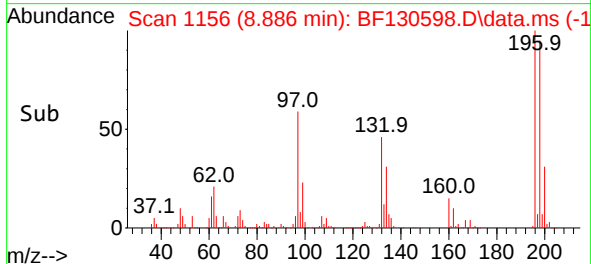
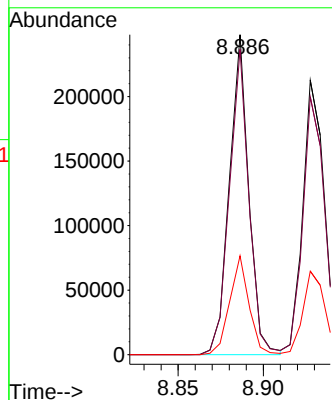
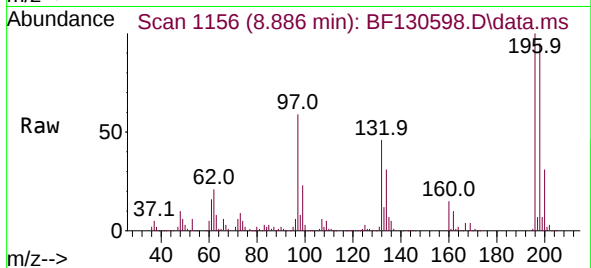
Tgt Ion:196 Resp: 196447

Ion Ratio Lower Upper

196 100

198 95.4 72.4 108.6

200 30.9 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 51.774 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Tgt Ion:196 Resp: 209744

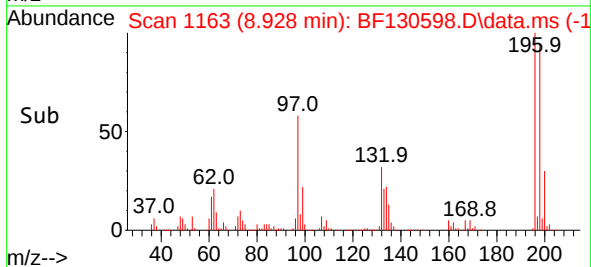
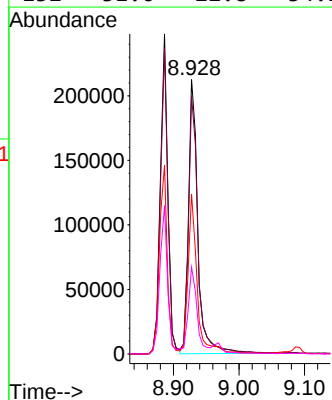
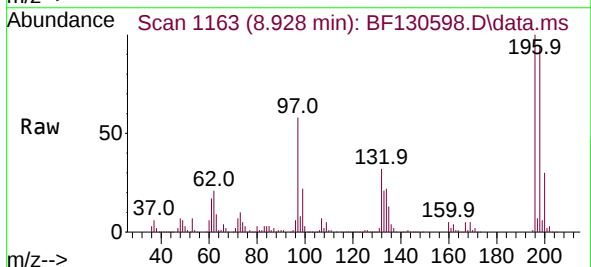
Ion Ratio Lower Upper

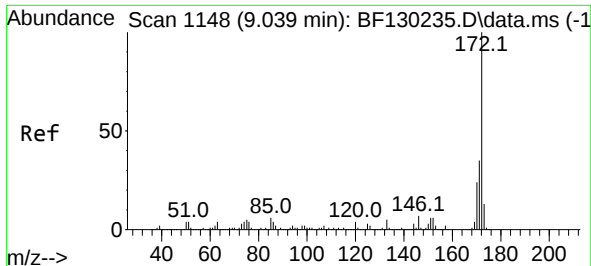
196 100

198 93.9 74.8 112.2

97 58.3 43.7 65.5

132 31.6 22.8 34.2

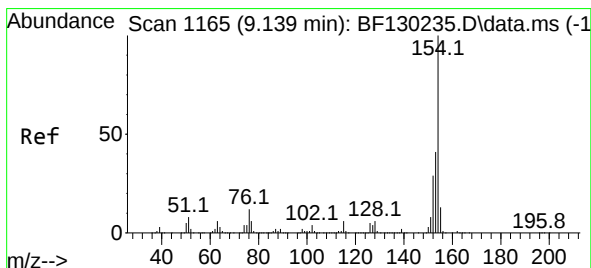
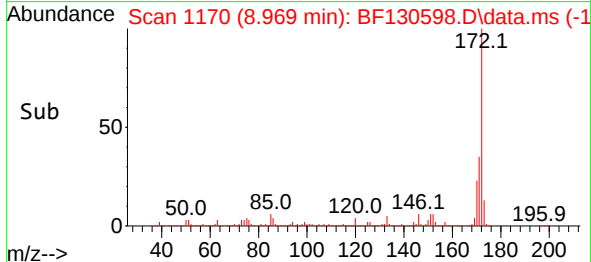
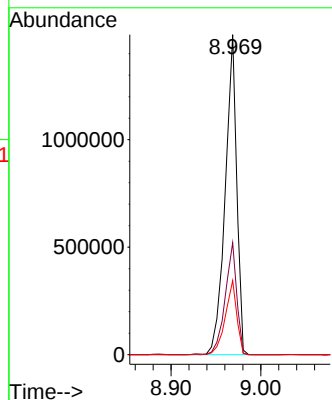
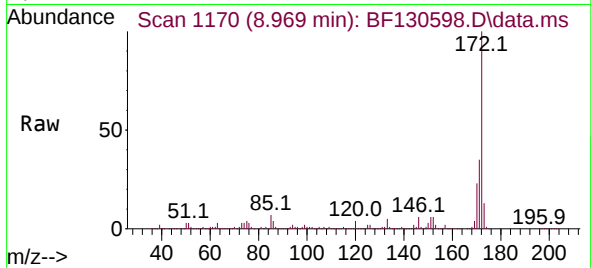




#45
2-Fluorobiphenyl
Concen: 97.997 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

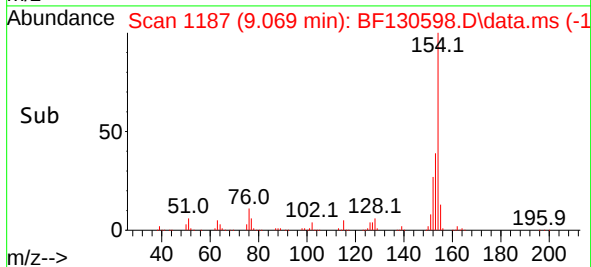
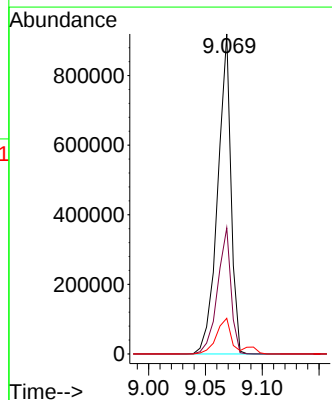
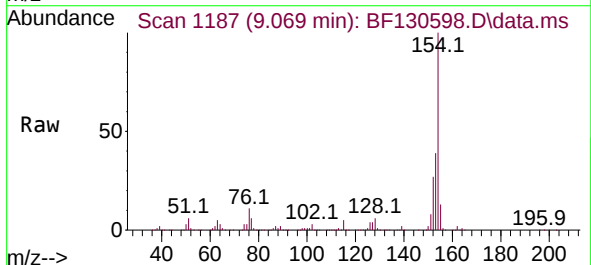
Instrument :
BNA_F
ClientSampleId :
PB148187BS

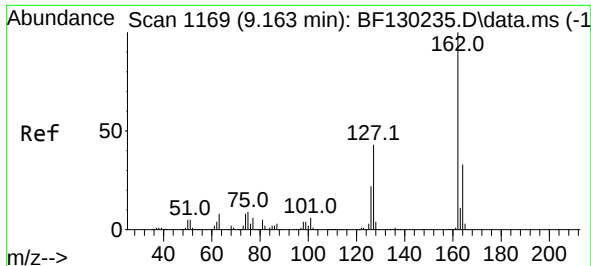
Tgt Ion:172 Resp: 1326472
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 50.767 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:154 Resp: 747326
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 11.2 0.0 33.3

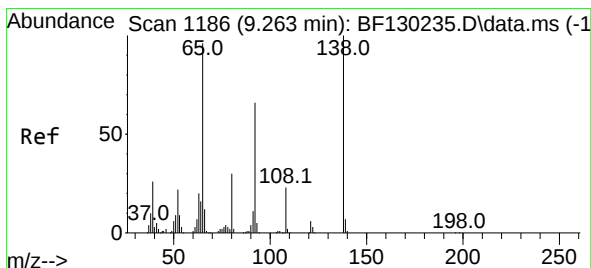
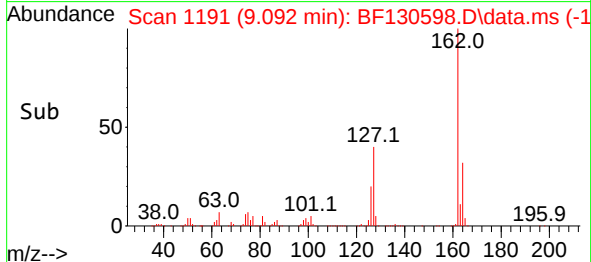
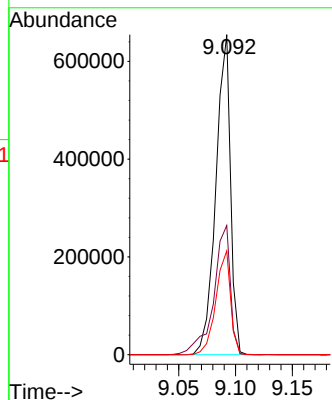
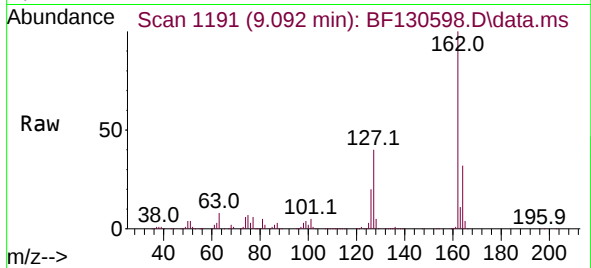




#47
2-Chloronaphthalene
Concen: 49.400 ng
RT: 9.092 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

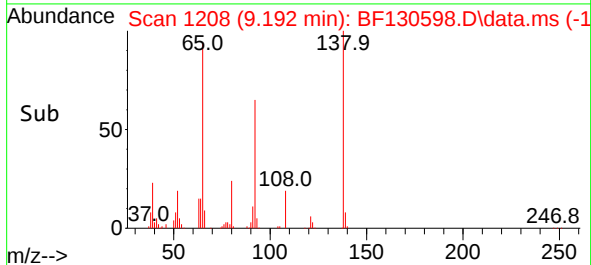
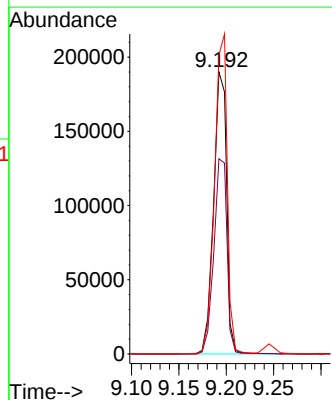
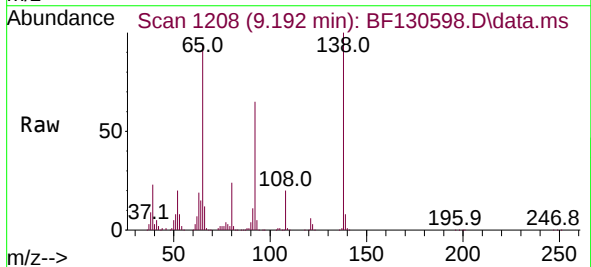
Instrument :
BNA_F
ClientSampleId :
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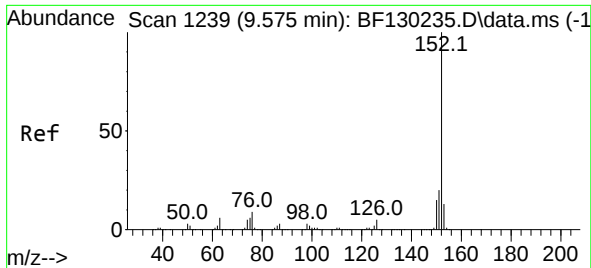
Tgt Ion:162 Resp: 588263
Ion Ratio Lower Upper
162 100
127 40.4 35.9 53.9
164 32.4 26.2 39.2



#48
2-Nitroaniline
Concen: 45.764 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 65 Resp: 181763
Ion Ratio Lower Upper
65 100
92 69.2 52.2 78.4
138 105.9 77.0 115.4





#49

Acenaphthylene

Concen: 43.825 ng

RT: 9.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

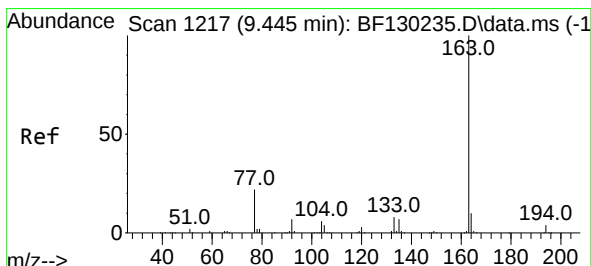
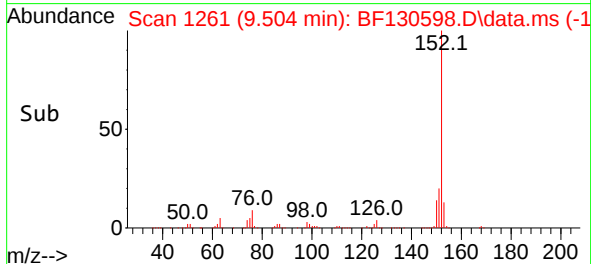
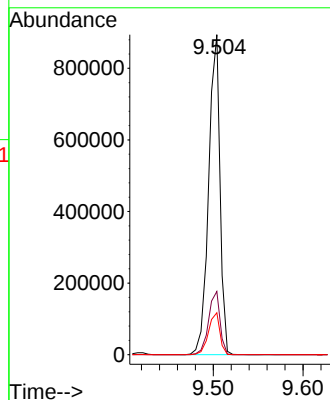
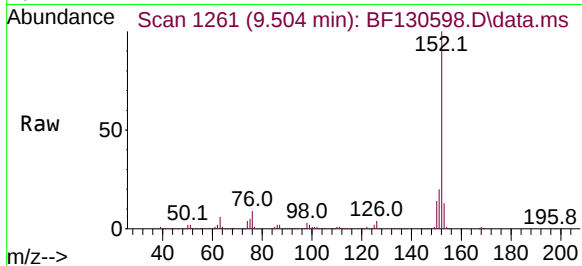
Tgt Ion:152 Resp: 782474

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 51.789 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

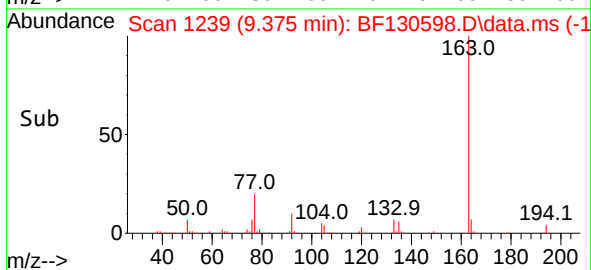
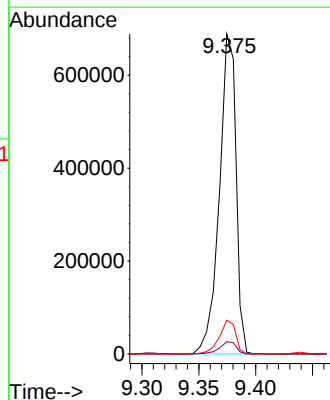
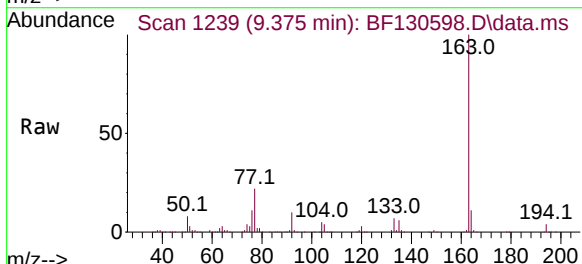
Tgt Ion:163 Resp: 705124

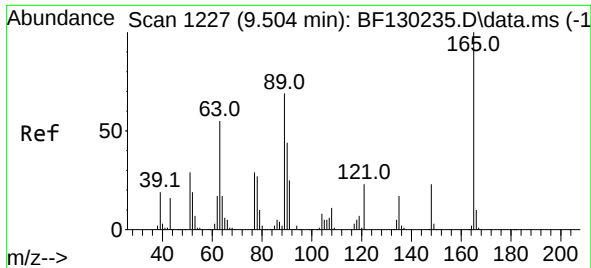
Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.5 8.2 12.2

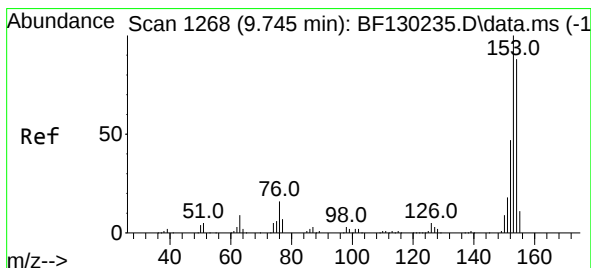
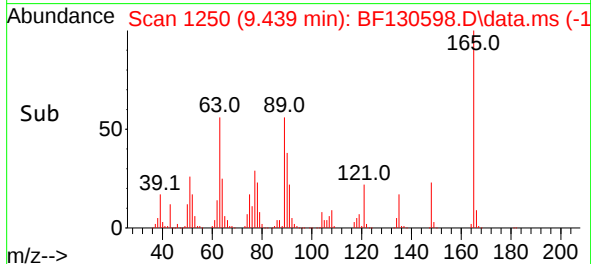
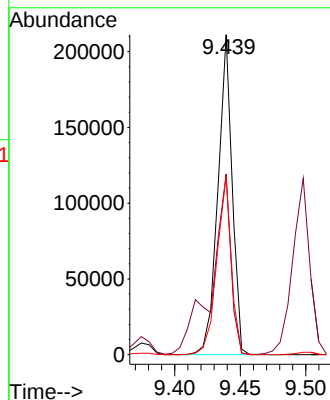
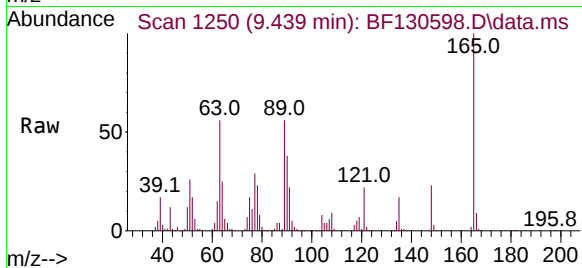




#51
2,6-Dinitrotoluene
Concen: 56.009 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

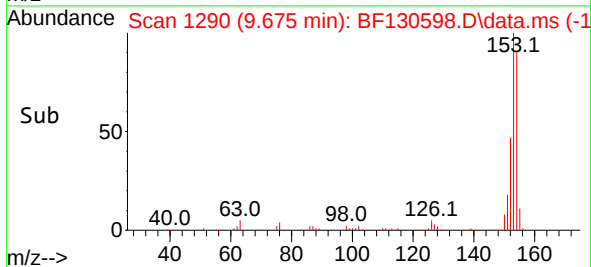
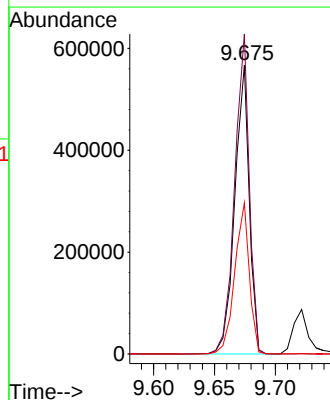
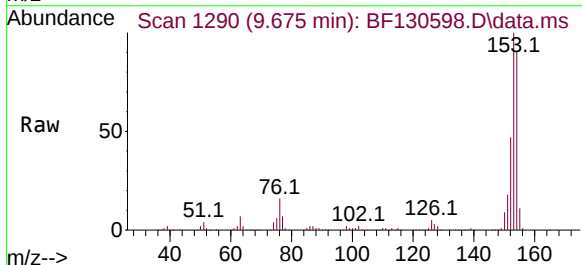
Instrument :
BNA_F
ClientSampleId :
PB148187BS

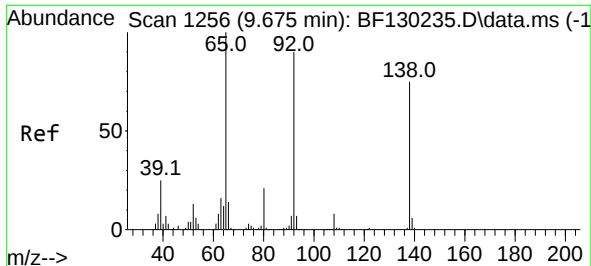
Tgt Ion:165 Resp: 159484
Ion Ratio Lower Upper
165 100
63 56.4 58.8 88.2#
89 55.8 54.5 81.7



#52
Acenaphthene
Concen: 40.061 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:154 Resp: 469955
Ion Ratio Lower Upper
154 100
153 110.8 90.6 136.0
152 52.4 43.8 65.6

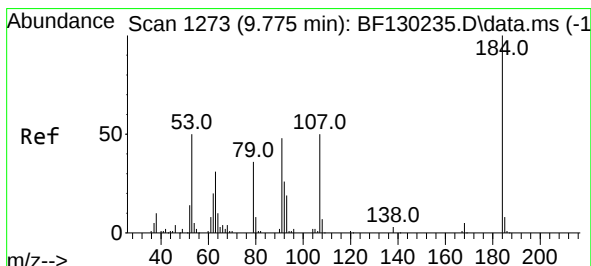
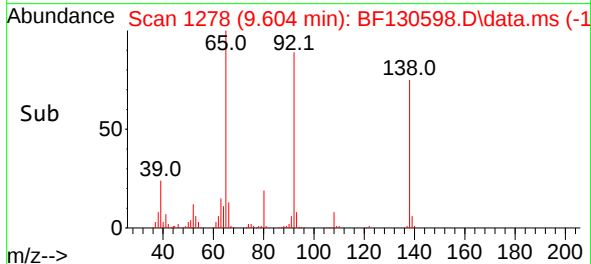
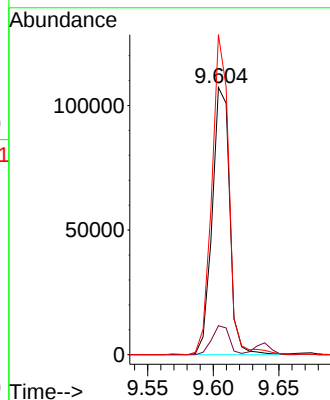
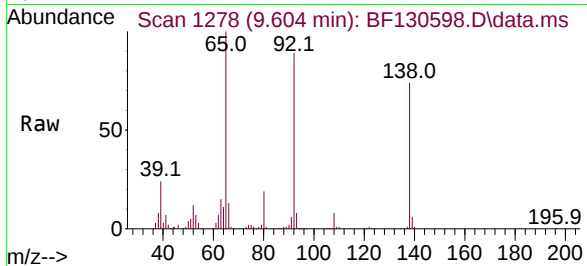




#53
3-Nitroaniline
Concen: 31.386 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

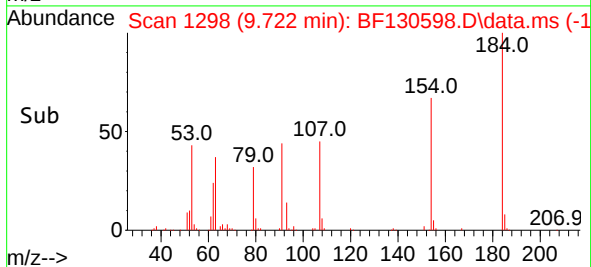
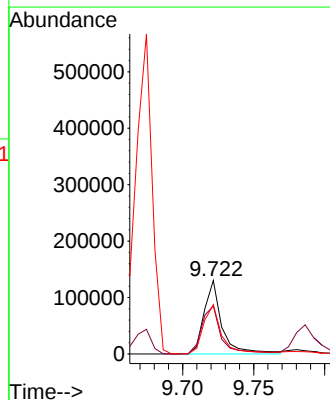
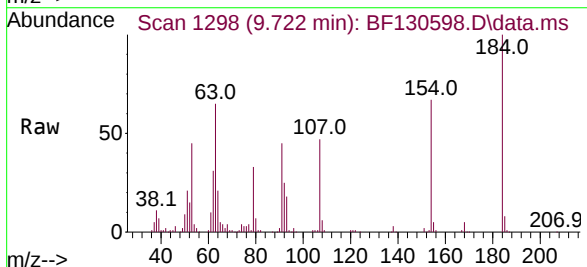
Instrument :
BNA_F
ClientSampleId :
PB148187BS

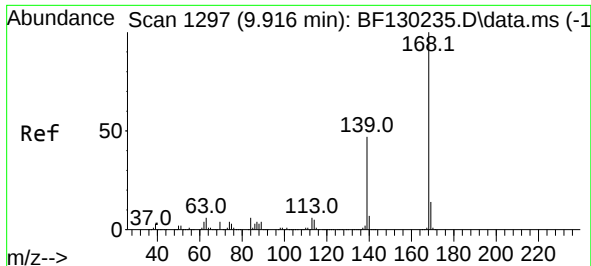
Tgt Ion:138 Resp: 99584
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 119.8 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 74.611 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:184 Resp: 114543
Ion Ratio Lower Upper
184 100
63 65.2 70.0 105.0#
154 67.0 63.0 94.6

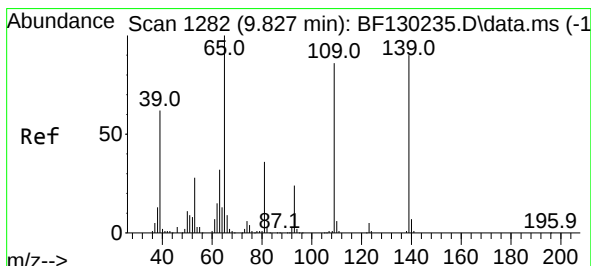
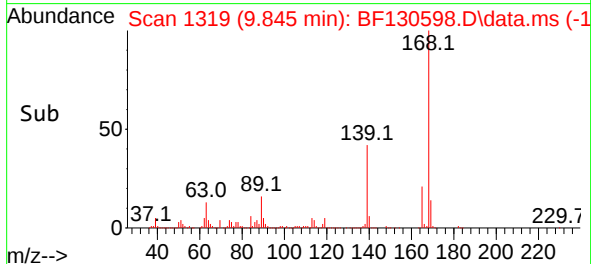
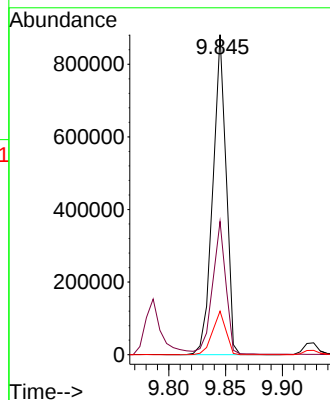
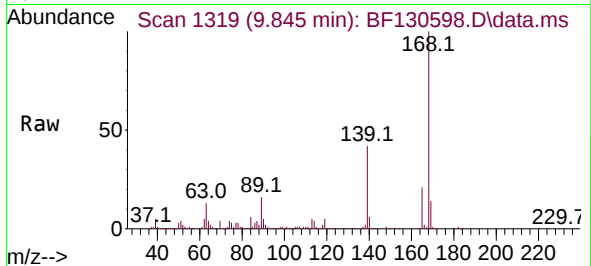




#55
Dibenzenofuran
Concen: 43.863 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

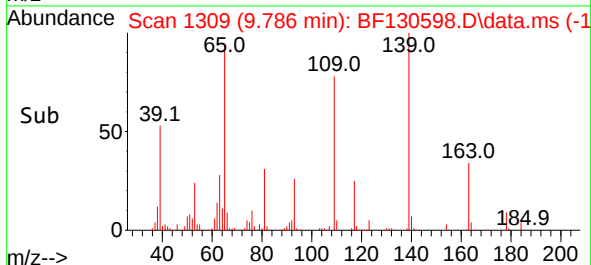
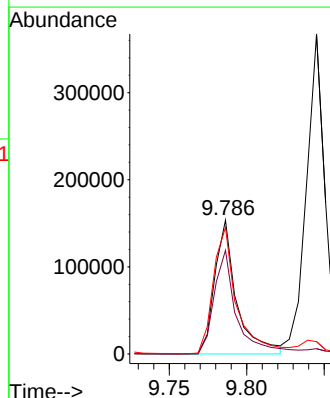
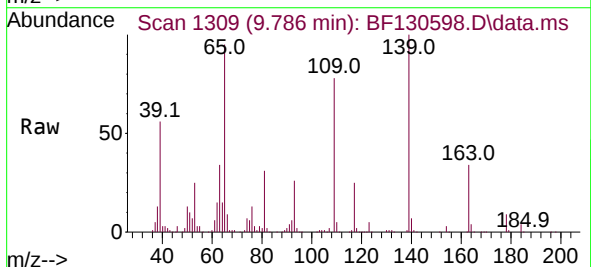
Instrument :
BNA_F
ClientSampleId :
PB148187BS

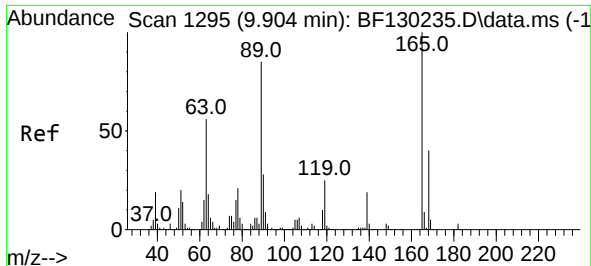
Tgt Ion:168 Resp: 715704
Ion Ratio Lower Upper
168 100
139 41.7 35.0 52.4
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 65.617 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:139 Resp: 151641
Ion Ratio Lower Upper
139 100
109 77.5 72.2 112.2
65 94.7 97.7 137.7#

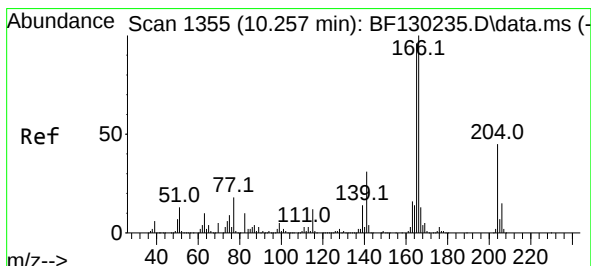
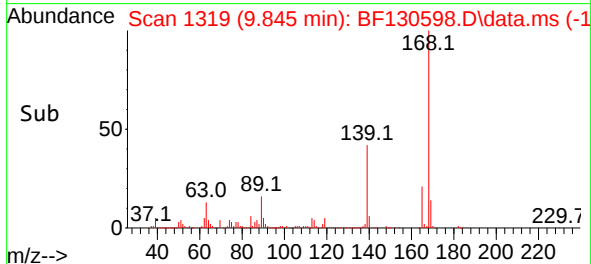
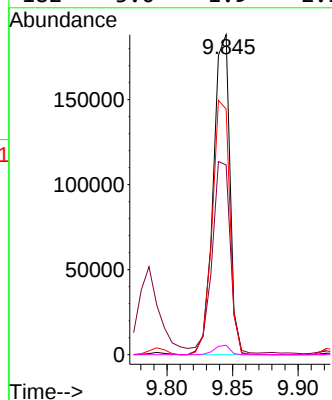
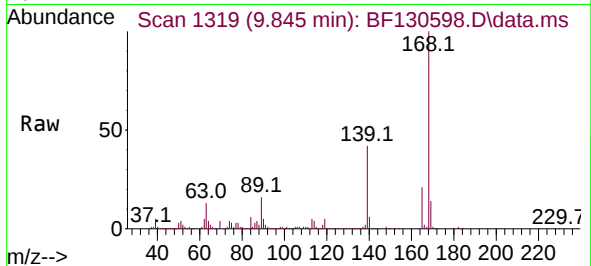




#57
2,4-Dinitrotoluene
Concen: 45.417 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

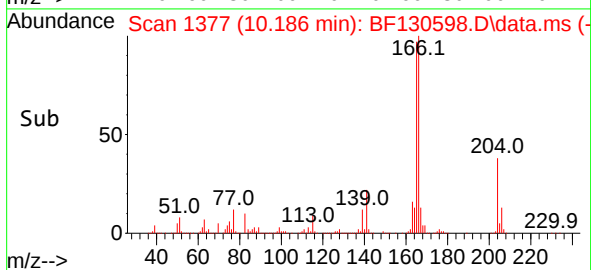
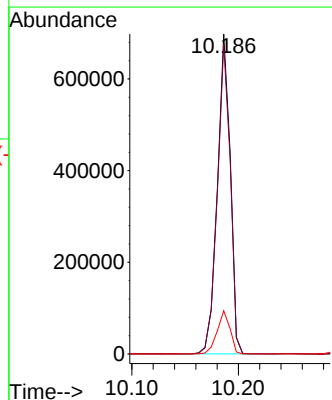
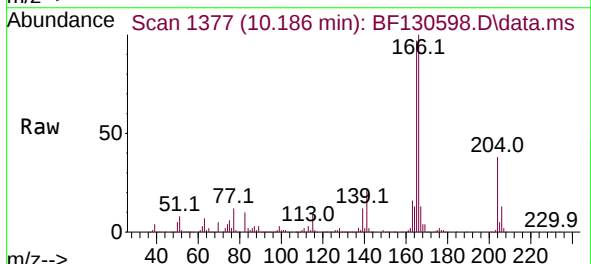
Instrument :
BNA_F
ClientSampleId :
PB148187BS

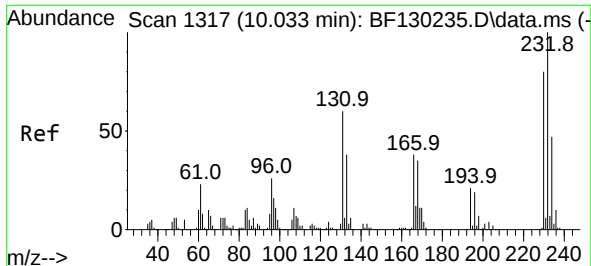
Tgt Ion:165 Resp: 165280
Ion Ratio Lower Upper
165 100
63 59.3 44.7 67.1
89 76.7 69.0 103.4
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 43.782 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:166 Resp: 584244
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 13.5 10.6 15.8

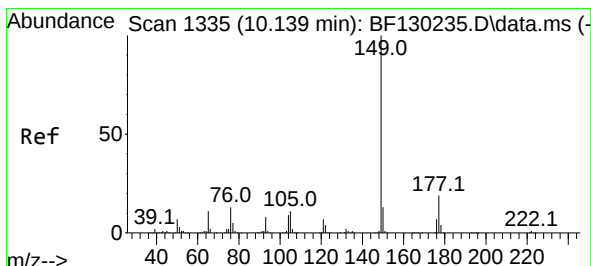
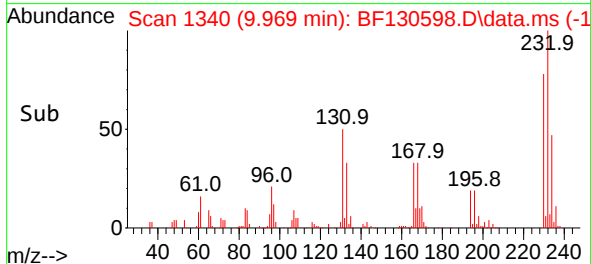
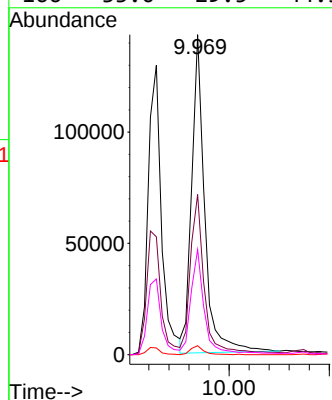
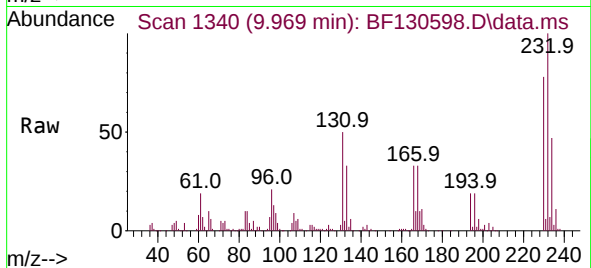




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.513 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

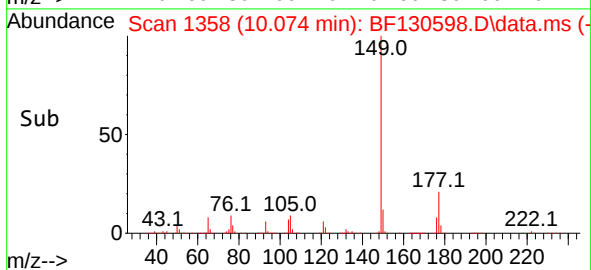
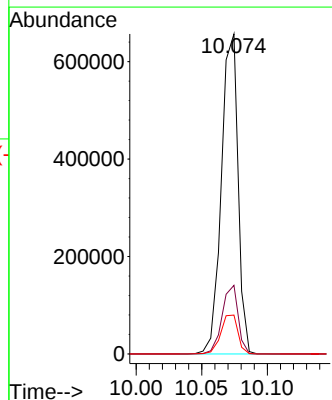
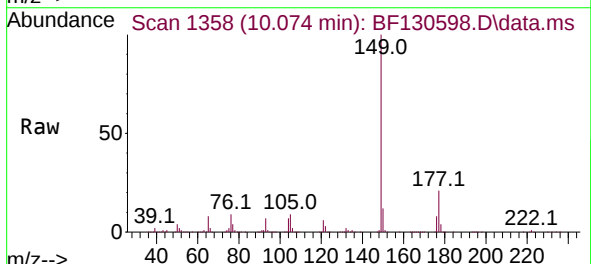
Instrument :
BNA_F
ClientSampleId :
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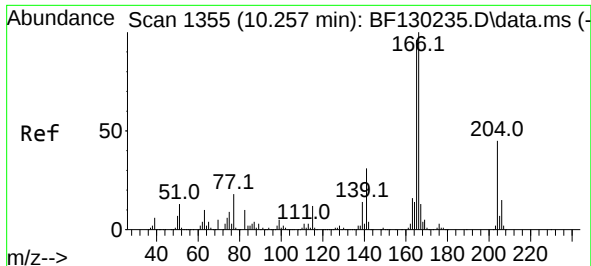
Tgt Ion:232 Resp: 128462
Ion Ratio Lower Upper
232 100
131 54.2 46.4 69.6
130 2.8 2.3 3.5
166 33.0 29.5 44.3



#60
Diethylphthalate
Concen: 42.444 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:149 Resp: 579505
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.2 9.9 14.9

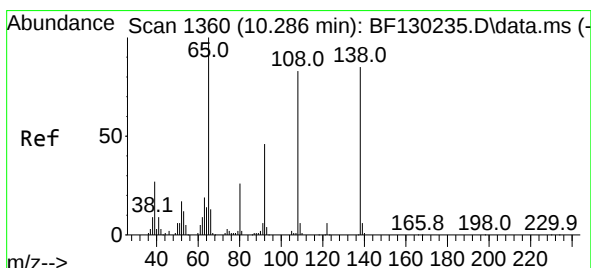
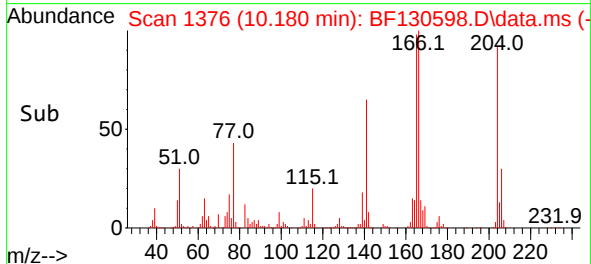
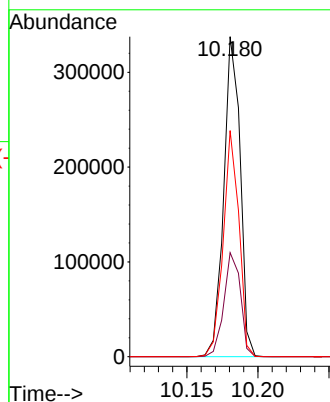
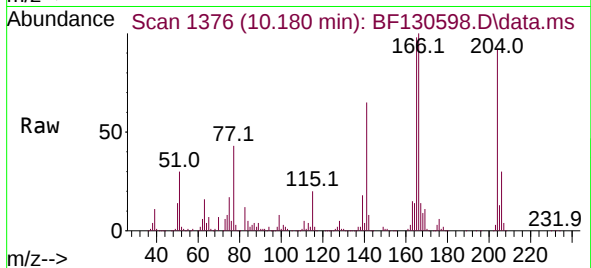




#61
4-Chlorophenyl-phenylether
Concen: 46.220 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

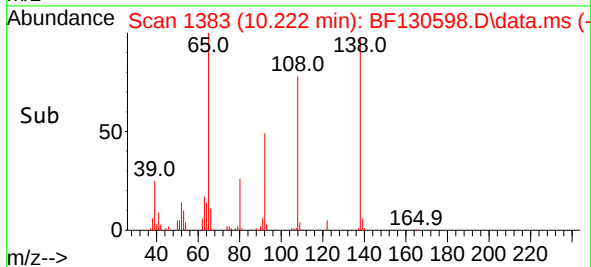
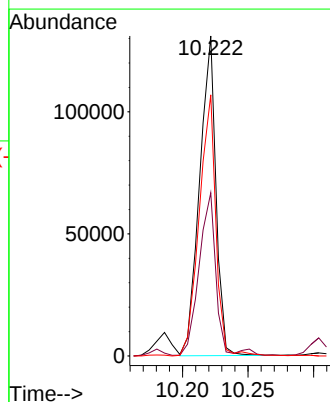
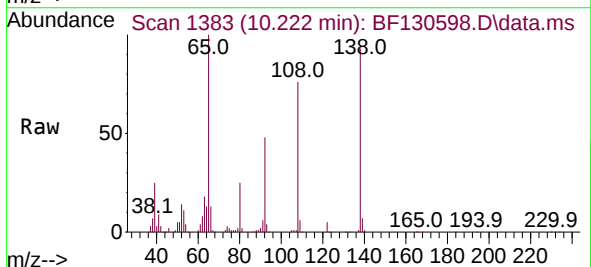
Instrument :
BNA_F
ClientSampleId :
PB148187BS

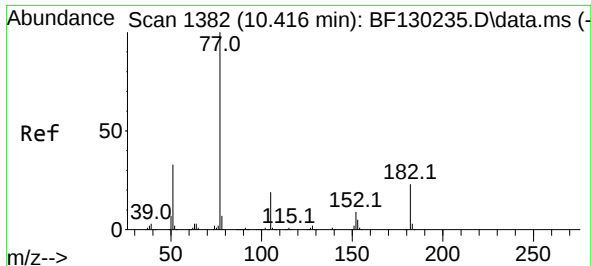
Tgt Ion:204 Resp: 270565
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 70.6 57.1 85.7



#62
4-Nitroaniline
Concen: 35.739 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:138 Resp: 113914
Ion Ratio Lower Upper
138 100
92 51.0 36.7 76.7
108 81.6 78.2 118.2

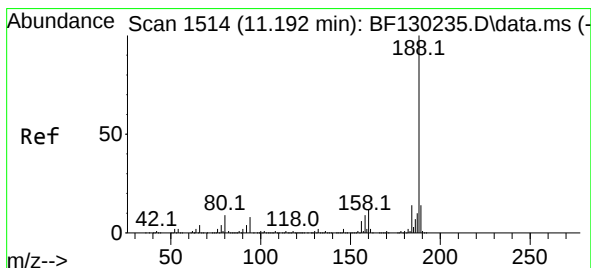
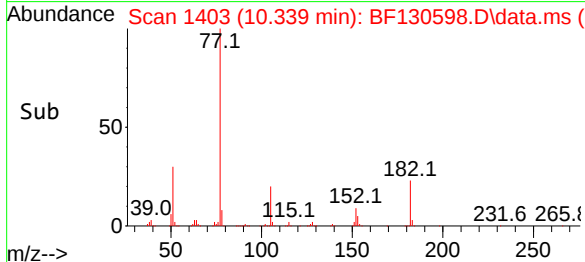
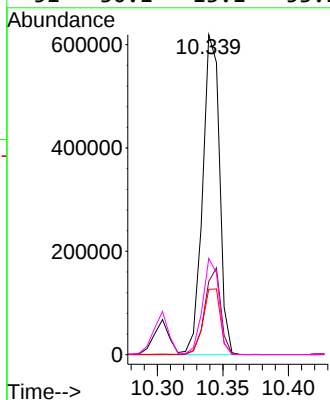
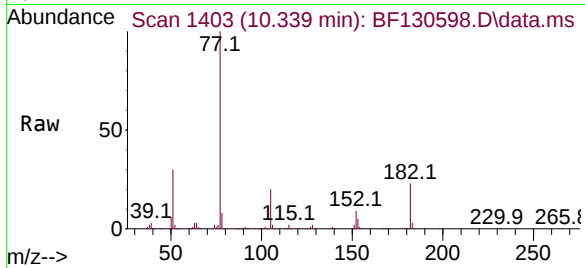




#63
Azobenzene
Concen: 39.505 ng
RT: 10.339 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

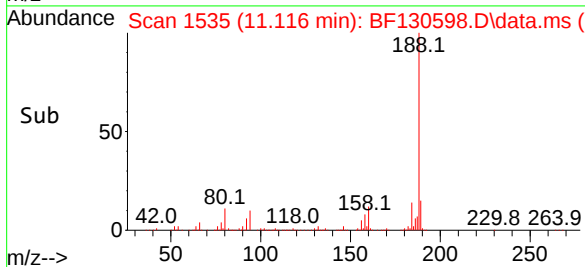
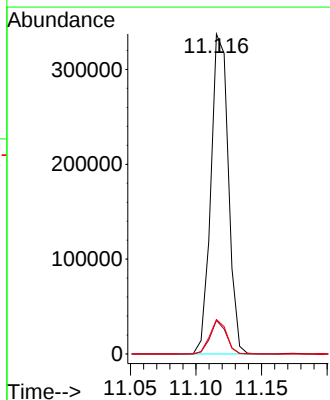
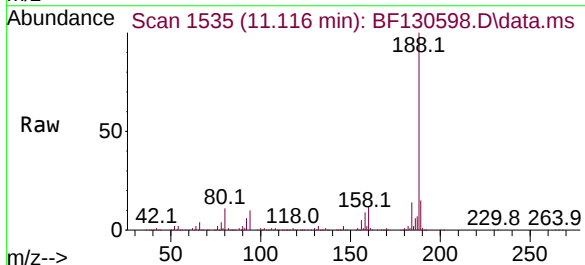
Instrument :
BNA_F
ClientSampleId :
PB148187BS

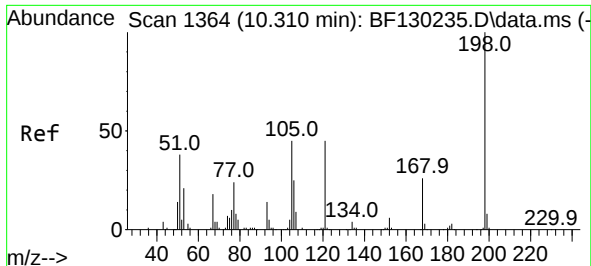
Tgt Ion: 77	Resp: 555411
Ion Ratio	Lower Upper
77 100	
182 22.9	2.1 42.1
105 20.4	0.0 39.4
51 30.1	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion: 188	Resp: 313270
Ion Ratio	Lower Upper
188 100	
94 10.5	7.4 11.2
80 10.8	7.9 11.9

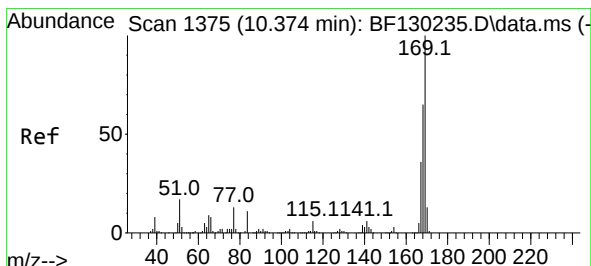
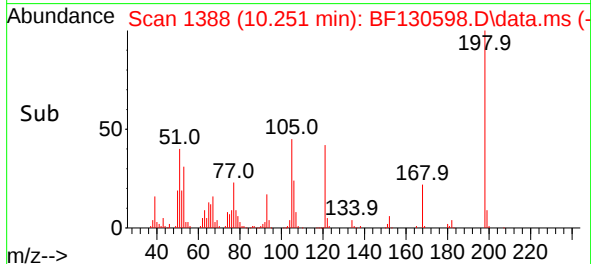
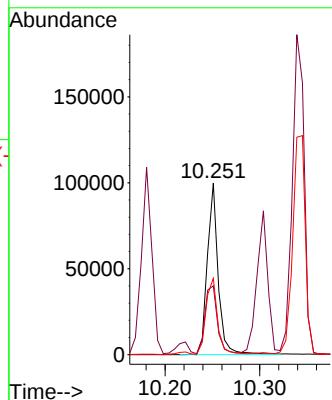
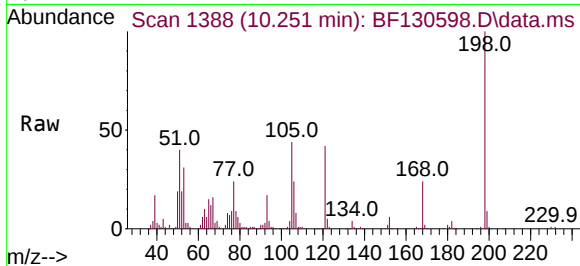




#65
4,6-Dinitro-2-methylphenol
Concen: 45.733 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

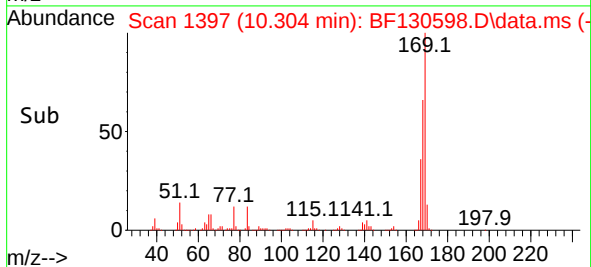
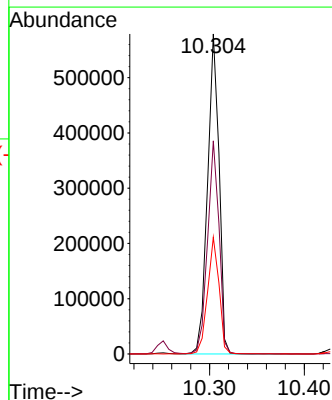
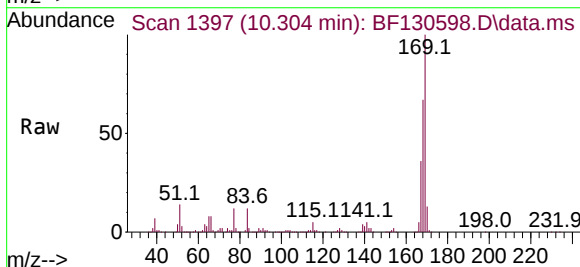
Instrument :
BNA_F
ClientSampleId :
PB148187BS

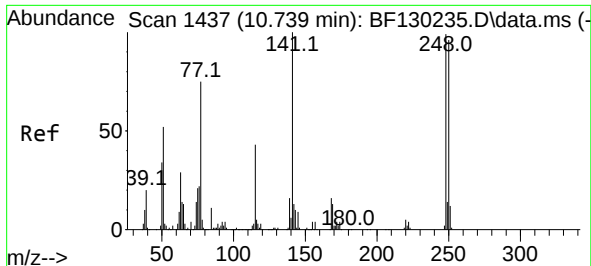
Tgt Ion:198 Resp: 79753
Ion Ratio Lower Upper
198 100
51 40.1 36.9 76.9
105 44.5 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 46.417 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:169 Resp: 485914
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.4 29.2 43.8

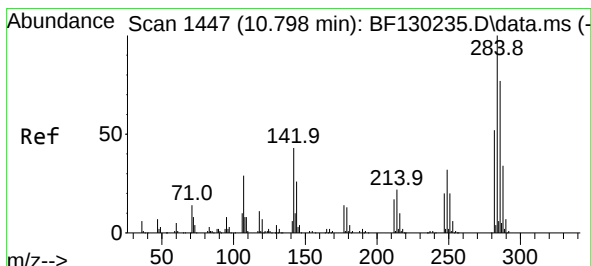
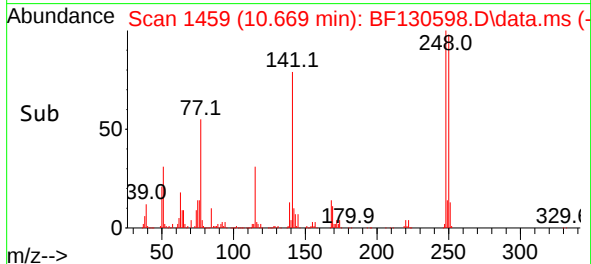
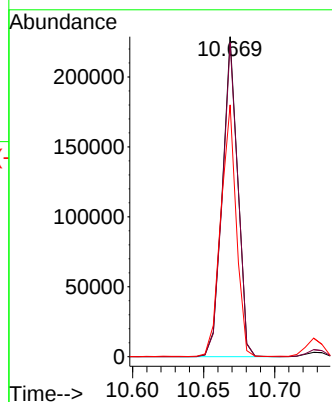
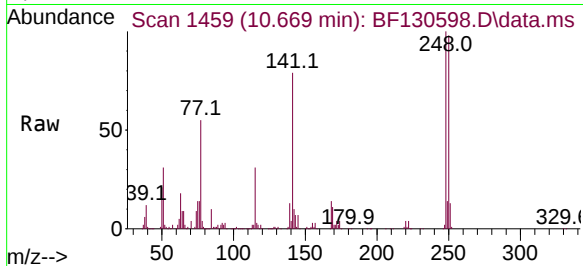




#67
4-Bromophenyl-phenylether
Concen: 49.588 ng
RT: 10.669 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

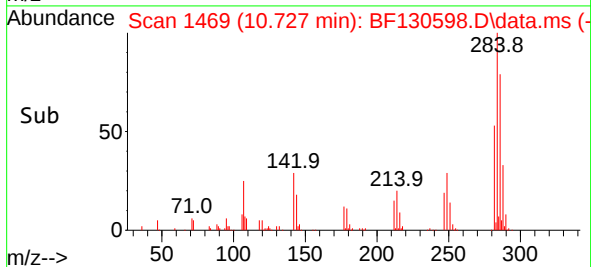
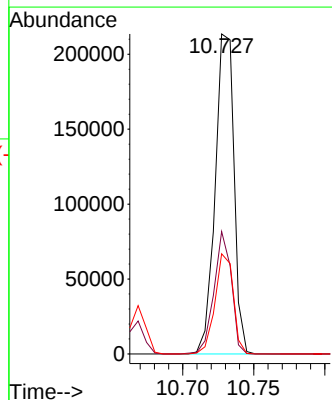
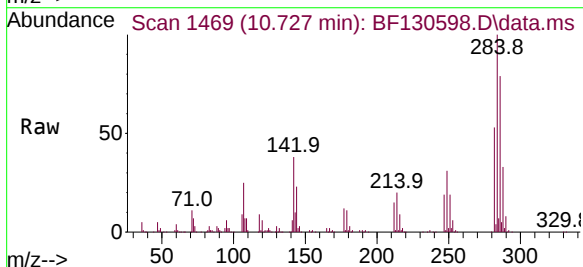
Instrument :
BNA_F
ClientSampleId :
PB148187BS

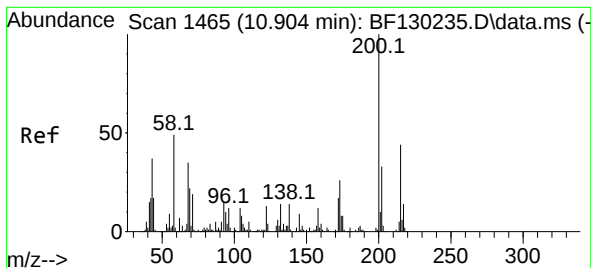
Tgt Ion:248 Resp: 171371
Ion Ratio Lower Upper
248 100
250 98.2 80.0 120.0
141 78.7 68.5 102.7



#68
Hexachlorobenzene
Concen: 50.270 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:284 Resp: 196930
Ion Ratio Lower Upper
284 100
142 38.3 27.2 40.8
249 31.3 23.8 35.8





#69

Atrazine

Concen: 47.607 ng

RT: 10.833 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

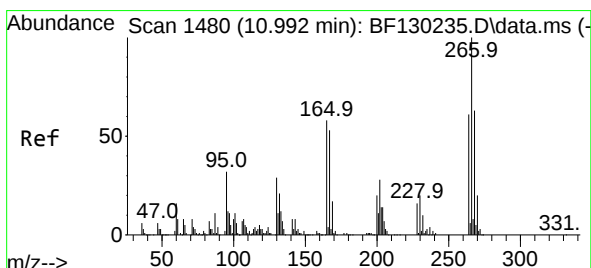
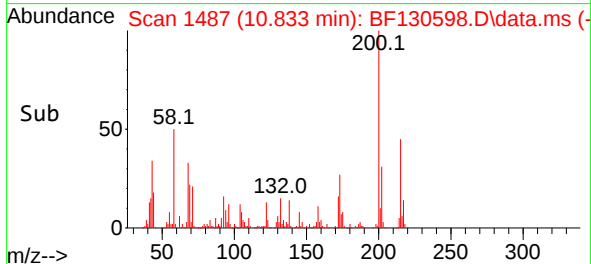
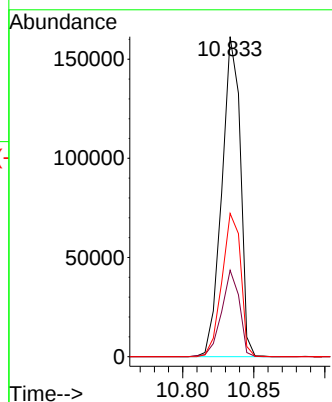
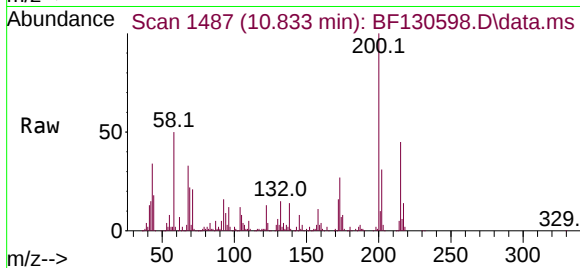
Tgt Ion:200 Resp: 145643

Ion Ratio Lower Upper

200 100

173 27.0 6.2 46.2

215 44.8 22.5 62.5



#70

Pentachlorophenol

Concen: 68.737 ng

RT: 10.933 min Scan# 1504

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

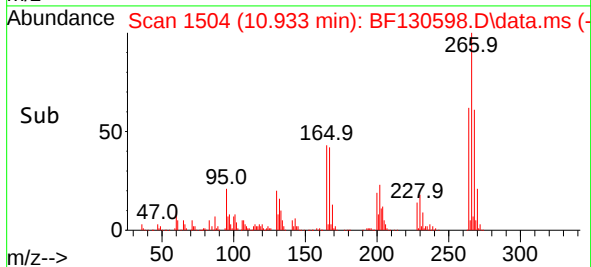
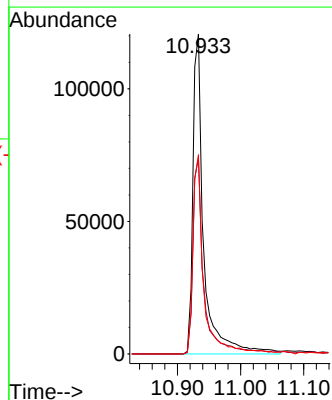
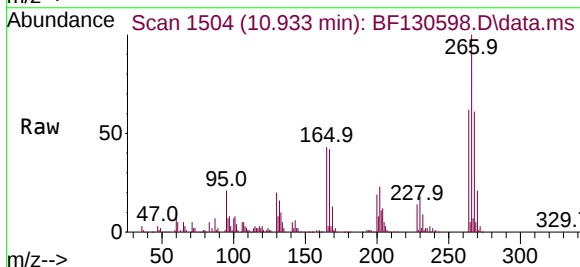
Tgt Ion:266 Resp: 144516

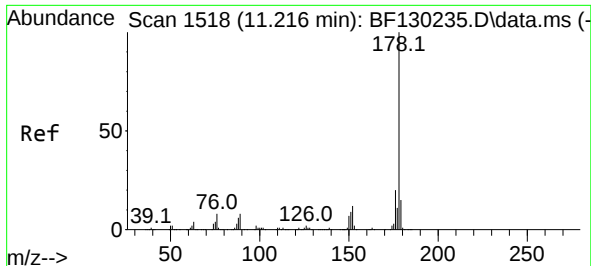
Ion Ratio Lower Upper

266 100

268 61.3 50.5 75.7

264 62.3 50.5 75.7

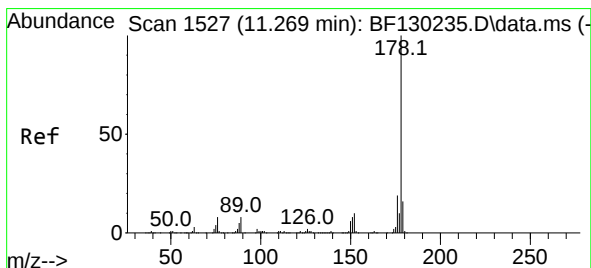
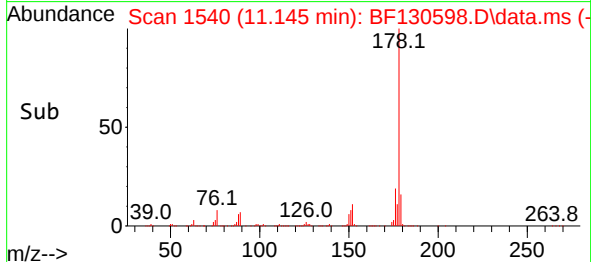
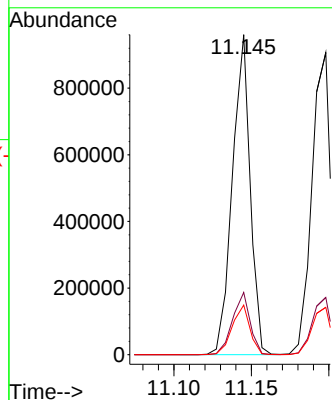
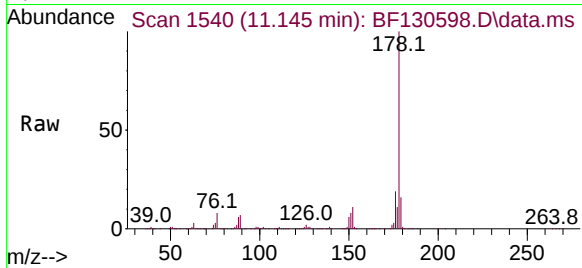




#71
Phenanthrene
Concen: 43.566 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

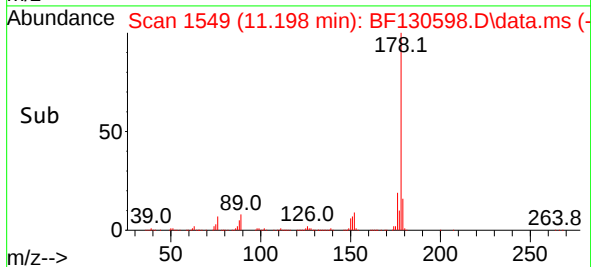
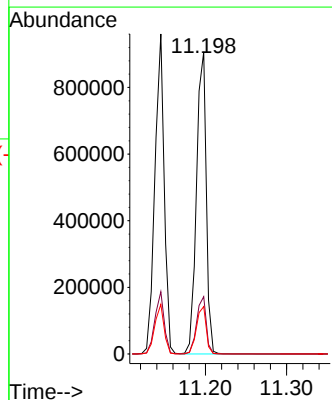
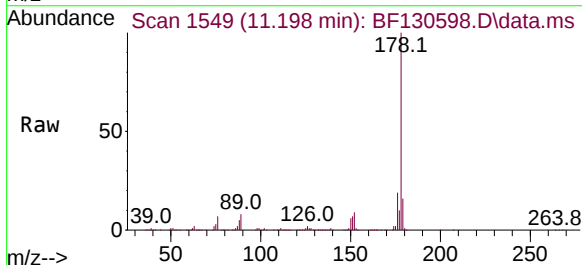
Instrument :
BNA_F
ClientSampleId :
PB148187BS

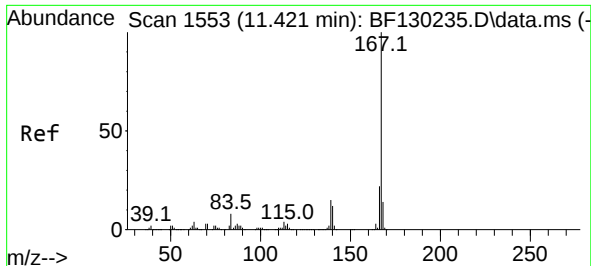
Tgt Ion:178 Resp: 766253
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 45.084 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:178 Resp: 765222
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.7 19.1

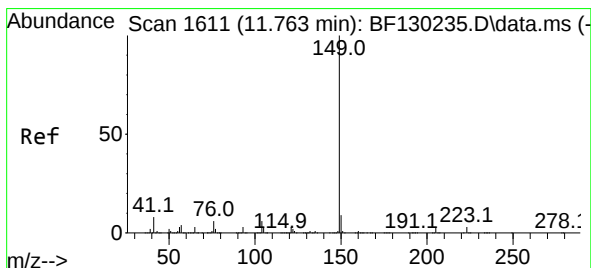
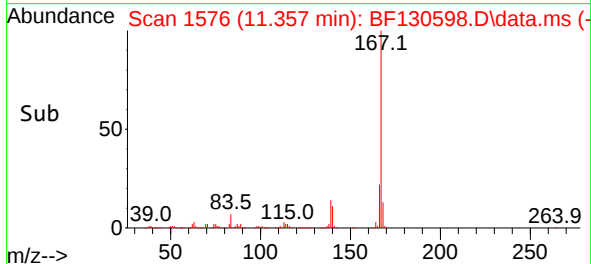
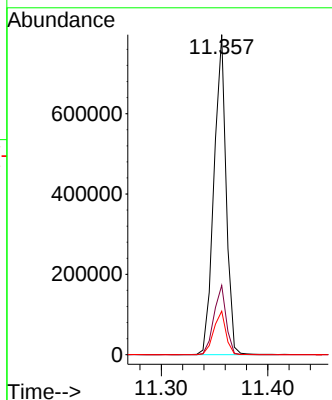
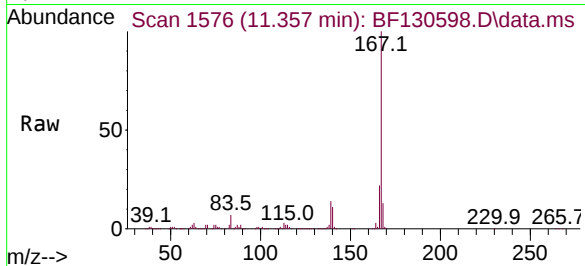




#73
 Carbazole
 Concen: 41.295 ng
 RT: 11.357 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

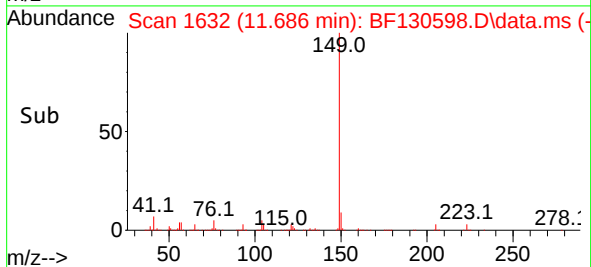
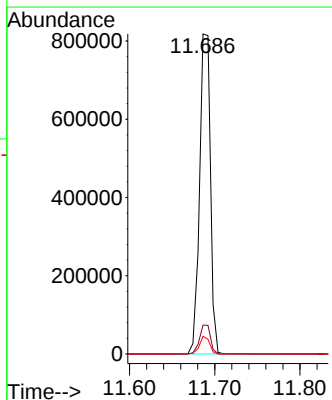
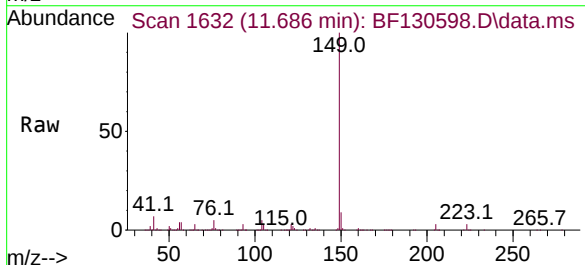
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

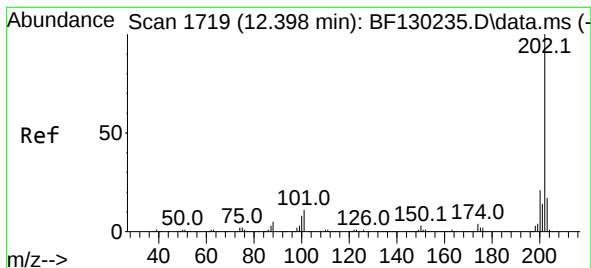
Tgt Ion:167 Resp: 632548
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 39.262 ng
 RT: 11.686 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Tgt Ion:149 Resp: 725232
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 38.355 ng

RT: 12.327 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

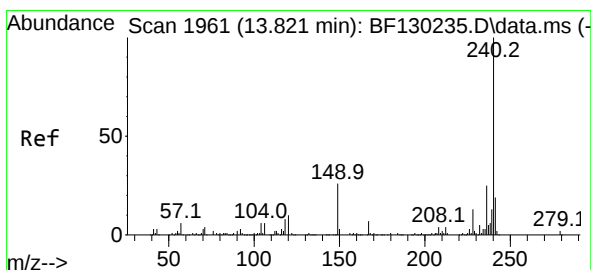
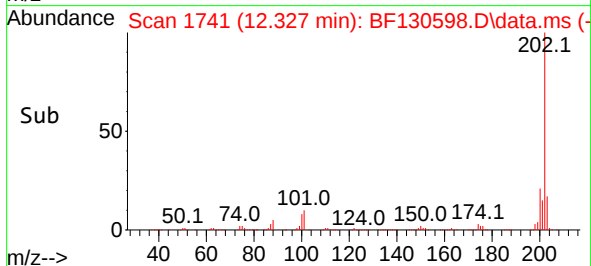
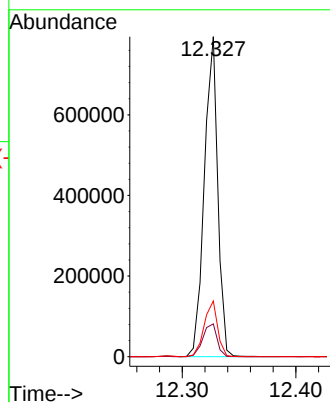
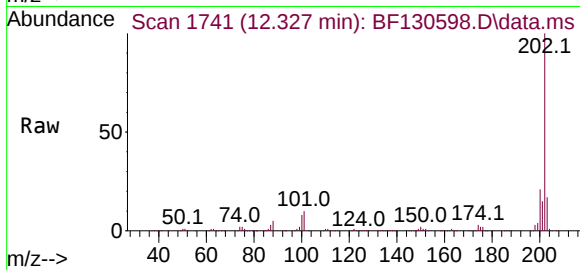
Tgt Ion:202 Resp: 651864

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.8

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.751 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

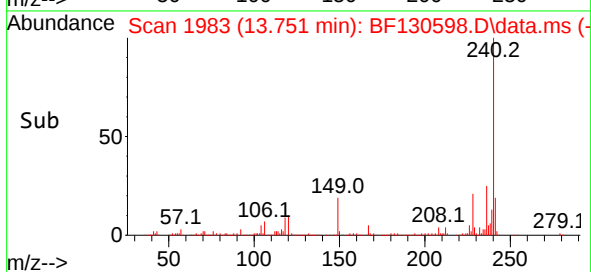
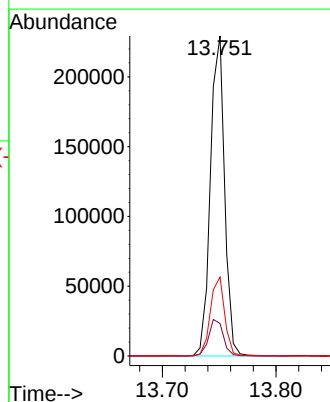
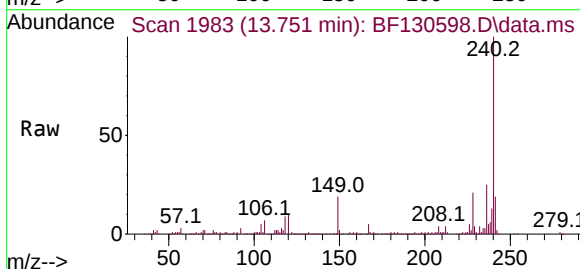
Tgt Ion:240 Resp: 198238

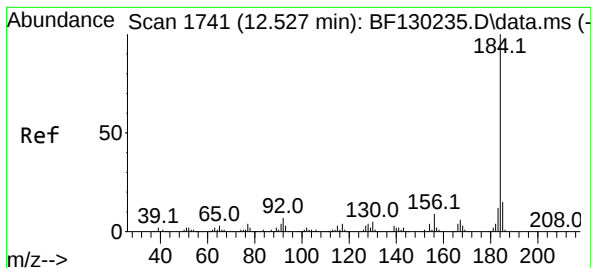
Ion Ratio Lower Upper

240 100

120 10.2 8.7 13.1

236 24.7 20.9 31.3





#77

Benzidine

Concen: 40.764 ng

RT: 12.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

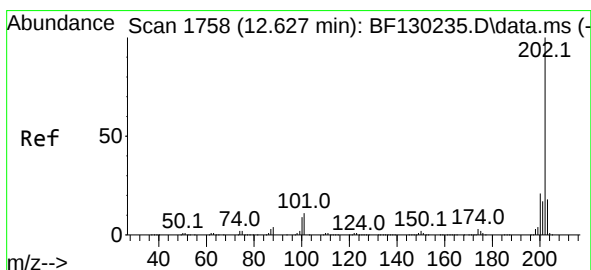
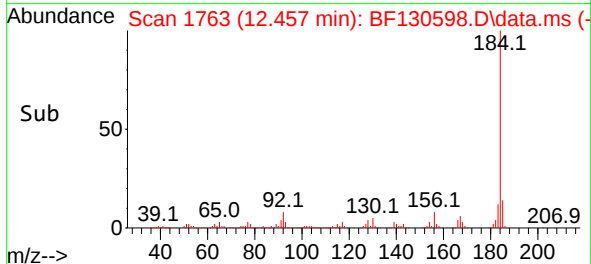
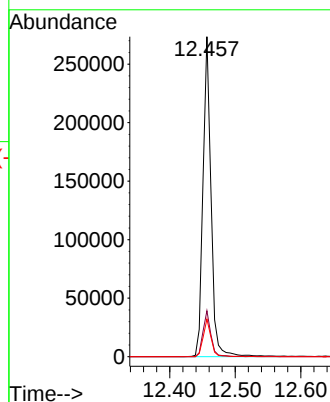
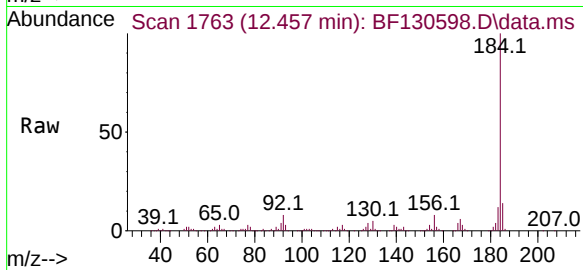
Tgt Ion:184 Resp: 234583

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.7 9.1 13.7



#78

Pyrene

Concen: 37.173 ng

RT: 12.551 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

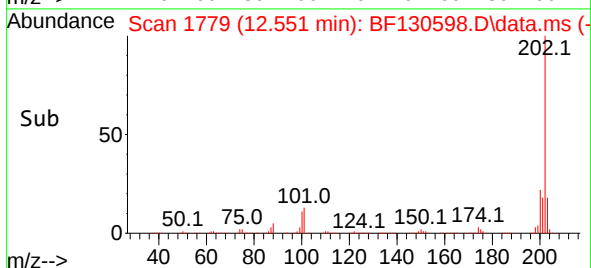
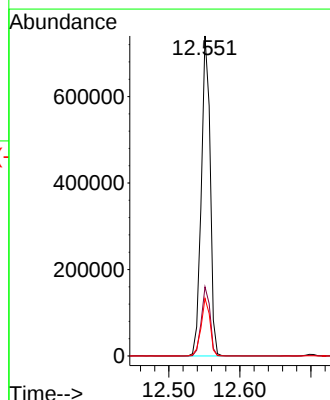
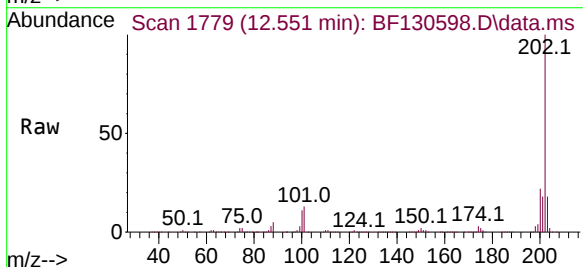
Tgt Ion:202 Resp: 644657

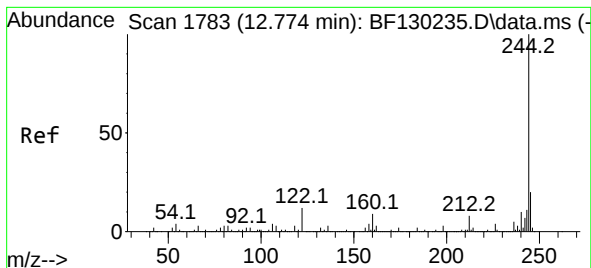
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 74.569 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

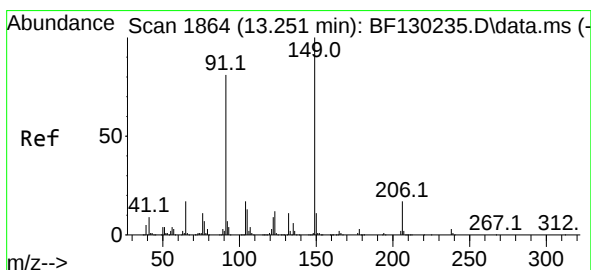
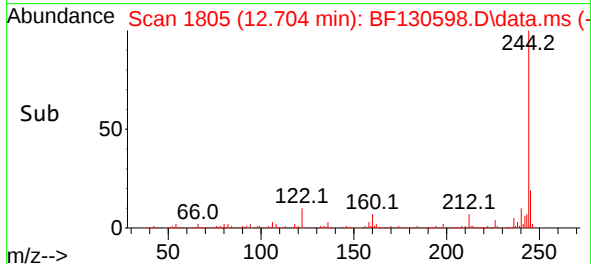
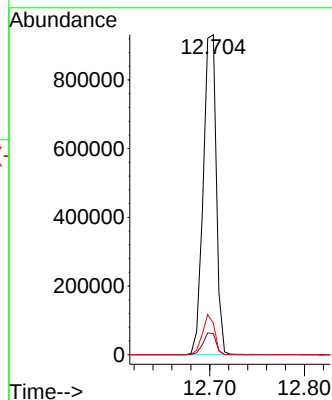
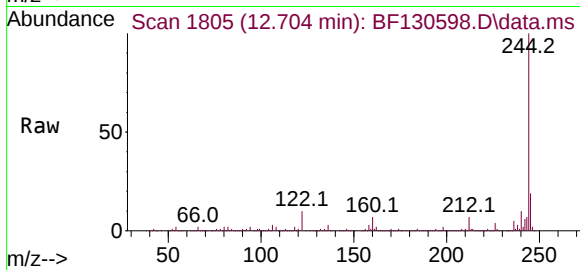
Tgt Ion:244 Resp: 892397

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 9.8 8.5 12.7



#80

Butylbenzylphthalate

Concen: 39.563 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

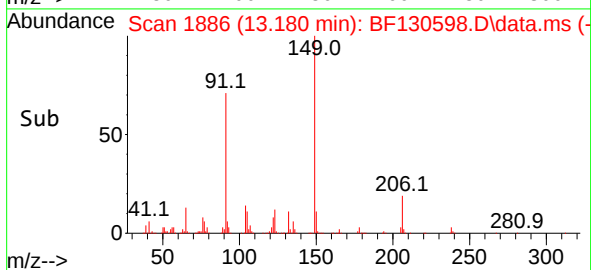
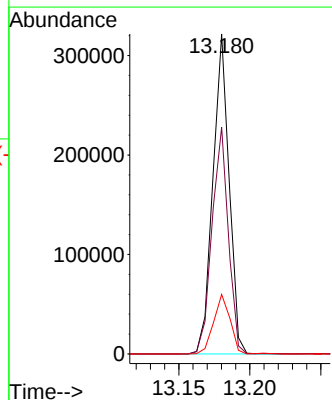
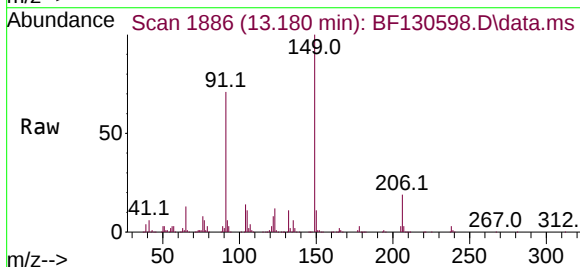
Tgt Ion:149 Resp: 254174

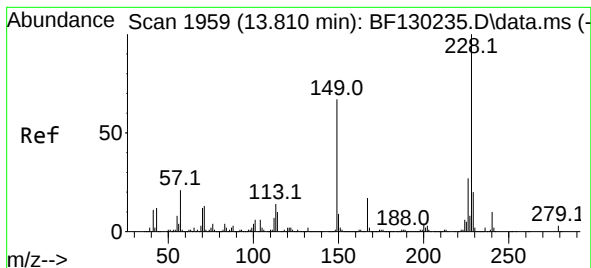
Ion Ratio Lower Upper

149 100

91 70.9 59.8 89.8

206 18.6 13.9 20.9





#81

Benzo(a)anthracene

Concen: 44.258 ng

RT: 13.739 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

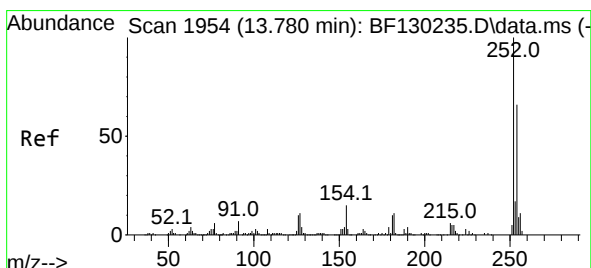
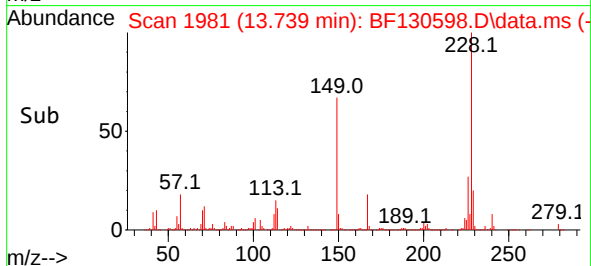
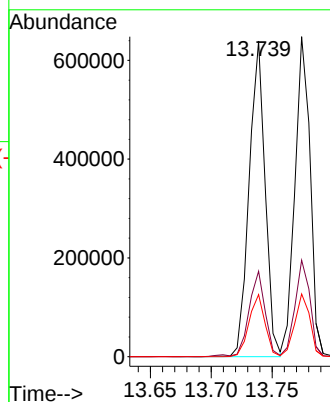
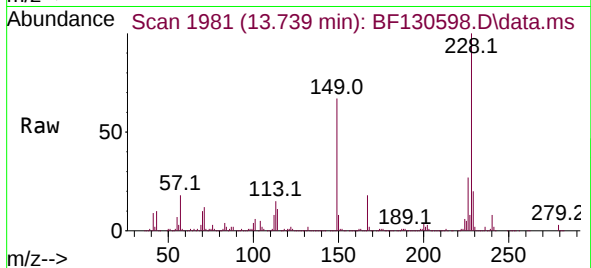
Tgt Ion:228 Resp: 583661

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 52.622 ng

RT: 13.710 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

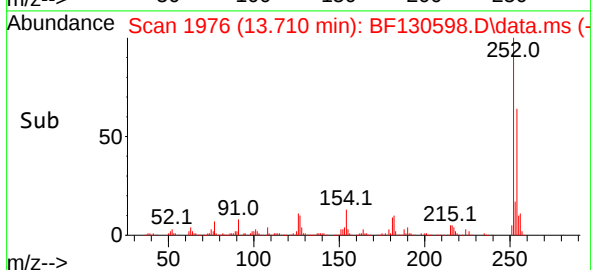
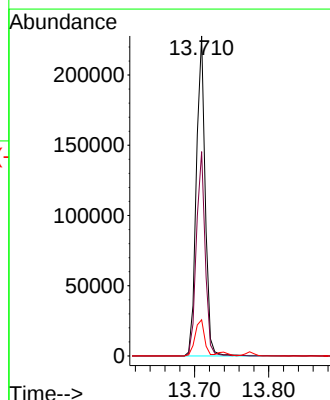
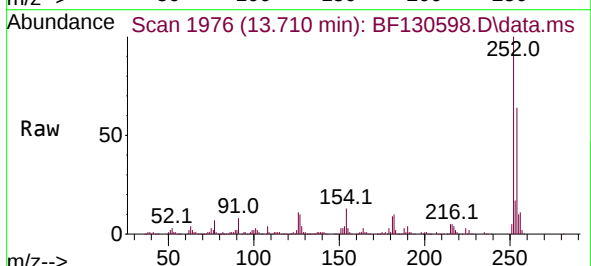
Tgt Ion:252 Resp: 188904

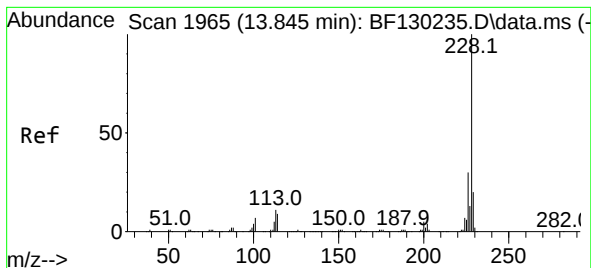
Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

126 11.3 10.4 15.6





#83

Chrysene

Concen: 44.757 ng

RT: 13.774 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

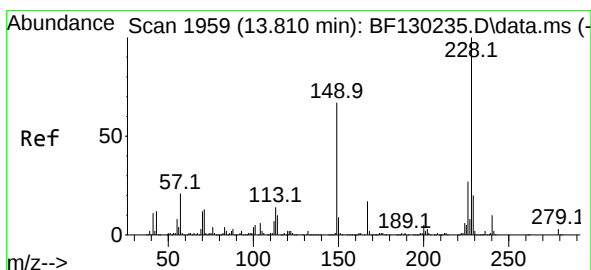
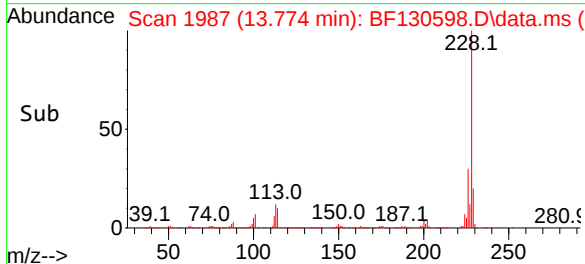
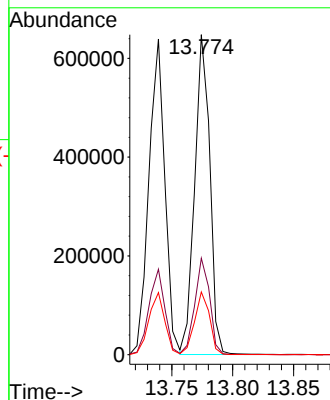
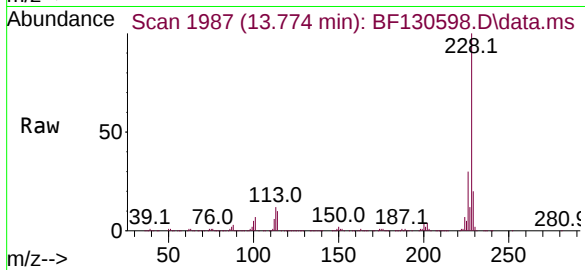
Tgt Ion:228 Resp: 560444

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.6 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.919 ng

RT: 13.739 min Scan# 1981

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

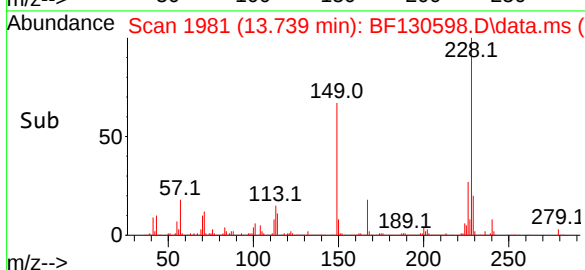
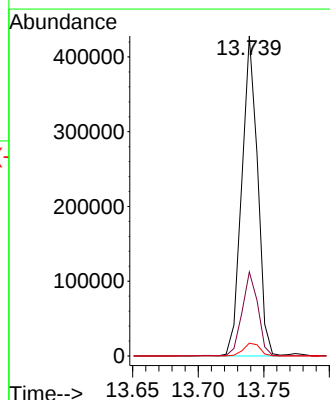
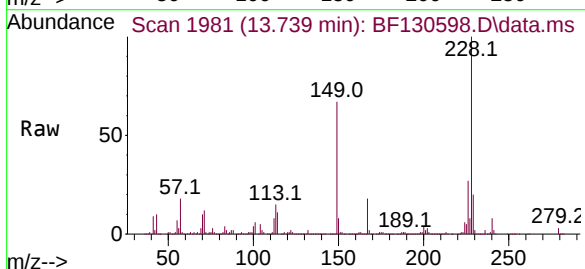
Tgt Ion:149 Resp: 359986

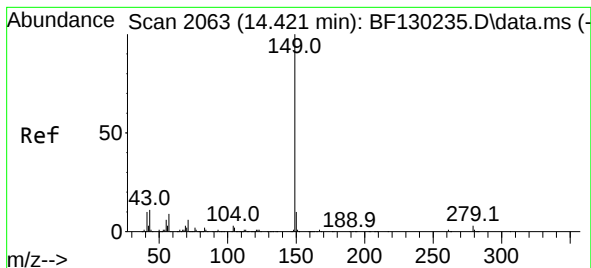
Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 58.450 ng

RT: 14.351 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148187BS

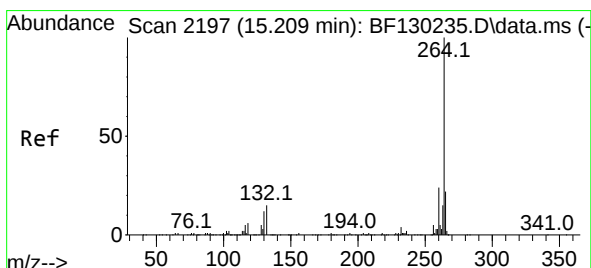
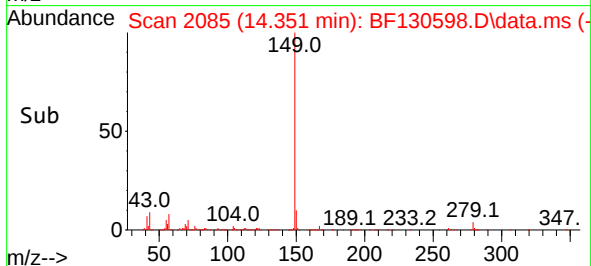
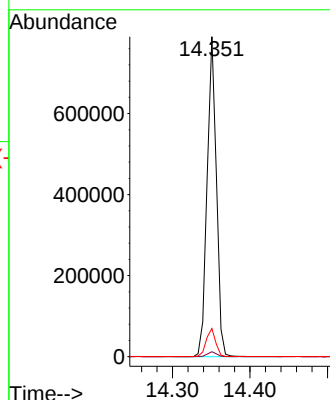
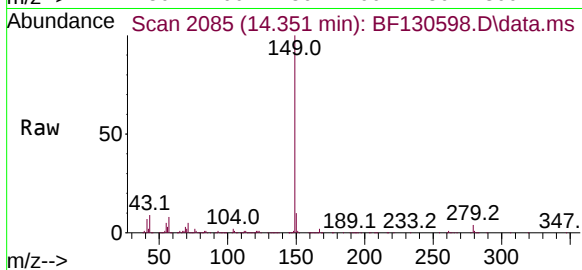
Tgt Ion:149 Resp: 657878

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.9 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF130598.D

Acq: 10 Oct 2022 12:15

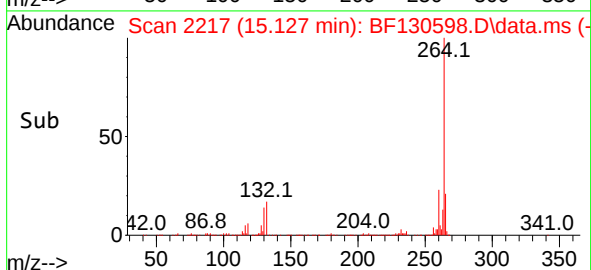
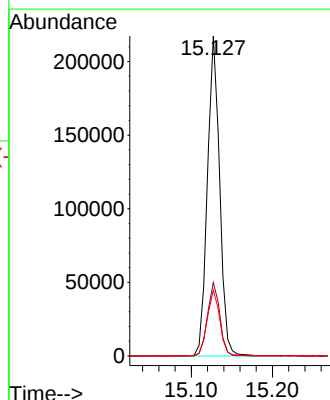
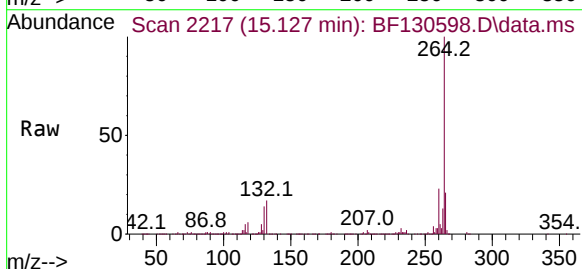
Tgt Ion:264 Resp: 226594

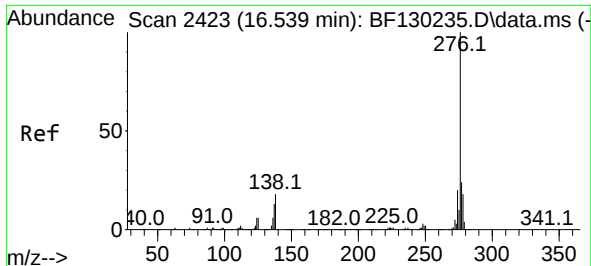
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 20.5 17.0 25.4

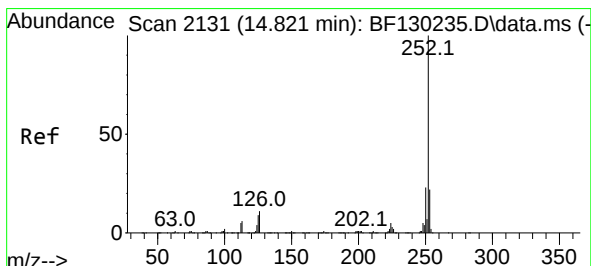
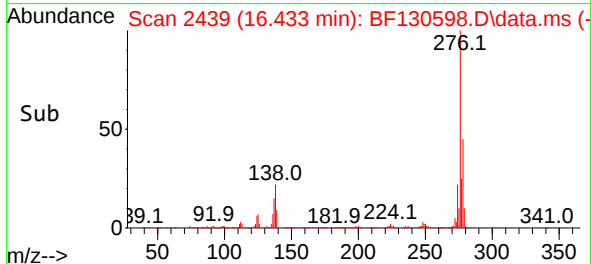
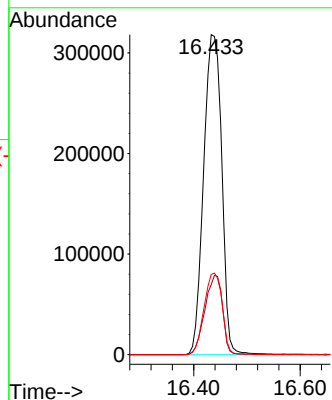
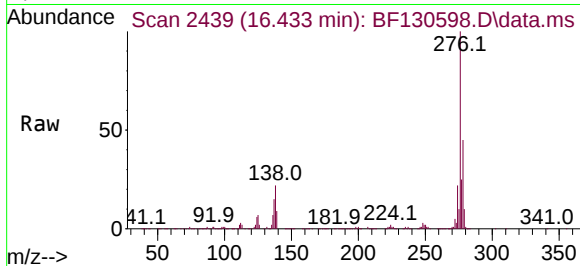




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.784 ng
RT: 16.433 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

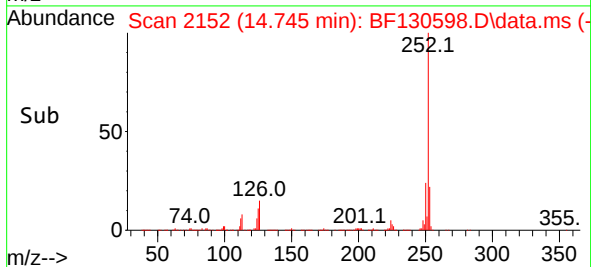
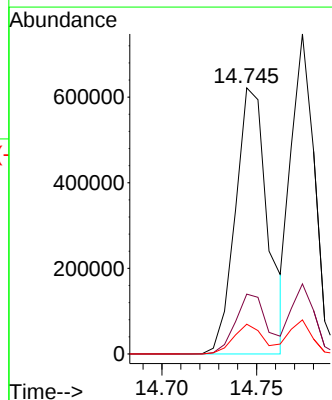
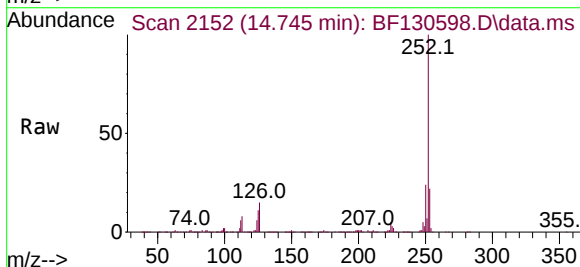
Instrument :
BNA_F
ClientSampleId :
PB148187BS

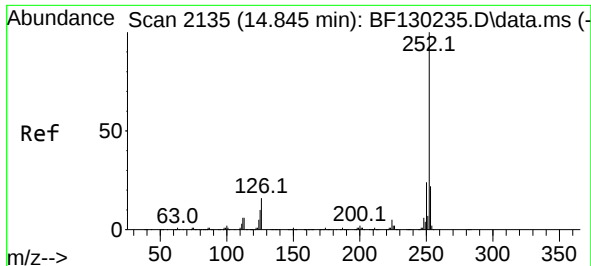
Tgt Ion:276 Resp: 751766
Ion Ratio Lower Upper
276 100
138 24.3 18.5 27.7
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 49.928 ng
RT: 14.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:252 Resp: 738416
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.2 8.1 12.1

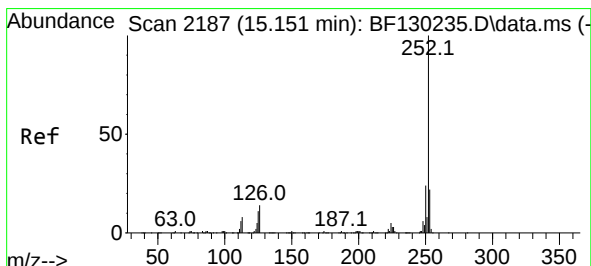
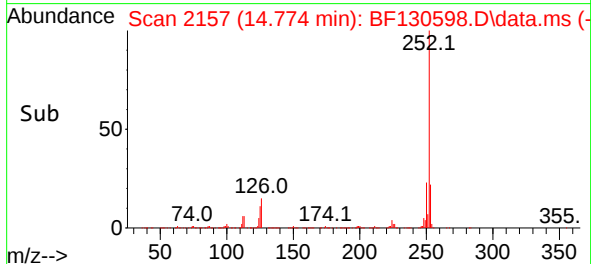
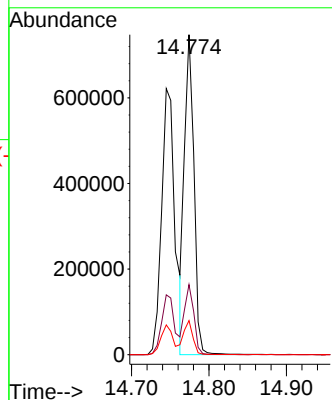
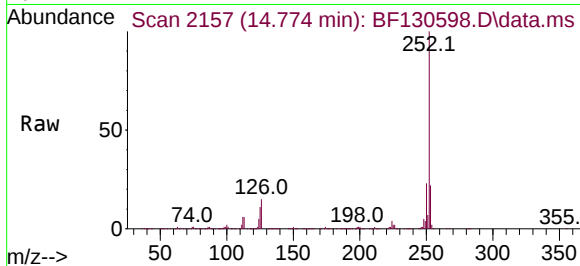




#89
Benzo(k)fluoranthene
Concen: 43.917 ng
RT: 14.774 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

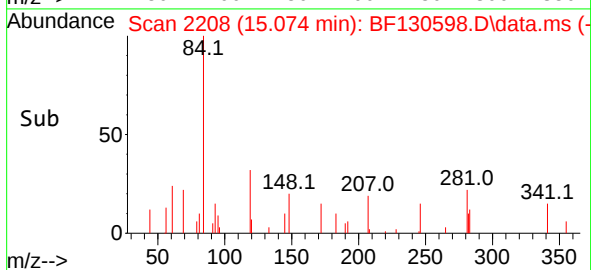
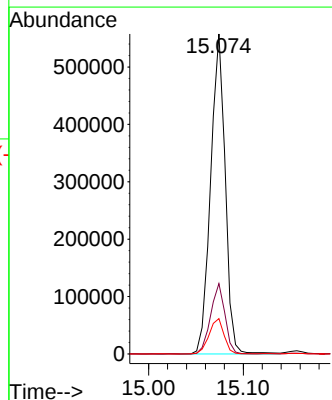
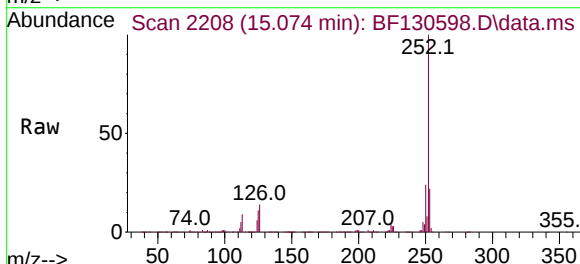
Instrument :
BNA_F
ClientSampleId :
PB148187BS

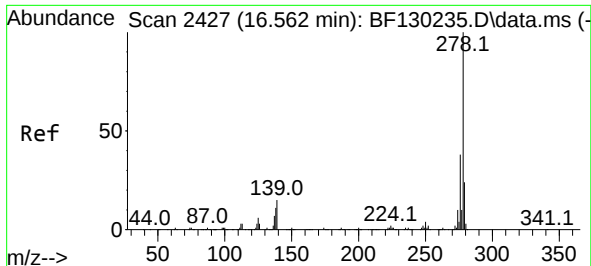
Tgt Ion:252 Resp: 638924
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 50.886 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF130598.D
Acq: 10 Oct 2022 12:15

Tgt Ion:252 Resp: 596225
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.1 9.0 13.6

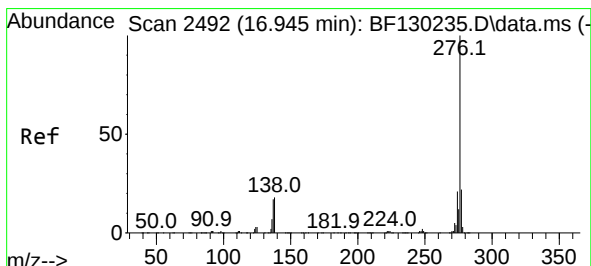
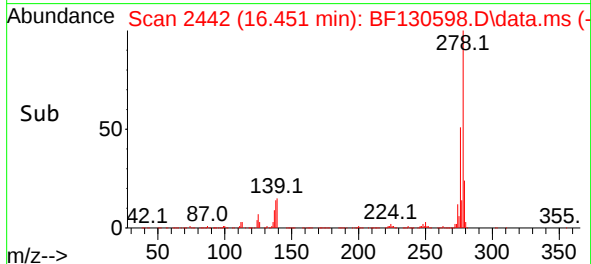
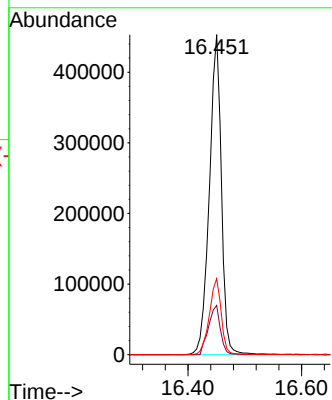
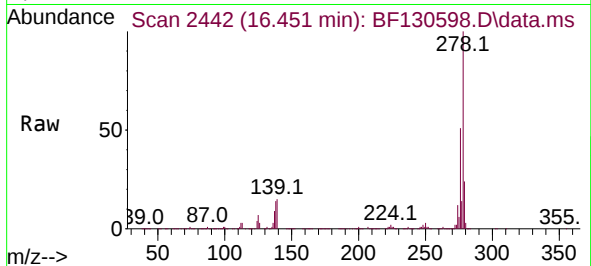




#91
 Dibenzo(a,h)anthracene
 Concen: 50.314 ng
 RT: 16.451 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BS

Tgt Ion:278 Resp: 663244
 Ion Ratio Lower Upper
 278 100
 139 15.4 11.8 17.8
 279 23.7 19.4 29.0



#92
 Benzo(g,h,i)perylene
 Concen: 51.704 ng
 RT: 16.833 min Scan# 2507
 Delta R.T. 0.006 min
 Lab File: BF130598.D
 Acq: 10 Oct 2022 12:15

Tgt Ion:276 Resp: 686572
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.6 27.8
 138 19.7 14.6 21.8

