

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138951.D
 Acq On : 12 Aug 2024 23:57
 Operator : RC/JU
 Sample : P3478-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS04MSD

Quant Time: Aug 13 01:04:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45355	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	191758	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	111683	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	190822	20.000	ng	0.00
76) Chrysene-d12	14.004	240	91973	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	89724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	207529	70.632	ng	0.00
7) Phenol-d6	6.487	99	233692	59.241	ng	0.00
23) Nitrobenzene-d5	7.410	82	426409	108.719	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	153100	167.353	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	780272	104.972	ng	0.00
79) Terphenyl-d14	12.945	244	712715	129.742	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	21525	16.734	ng	# 92
3) Pyridine	3.416	79	42301	13.575	ng	97
4) n-Nitrosodimethylamine	3.351	42	45046	24.272	ng	83
6) Aniline	6.504	93	90862	25.828	ng	# 61
8) 2-Chlorophenol	6.634	128	157759	51.034	ng	97
9) Benzaldehyde	6.398	77	5775	2.442	ng	98
10) Phenol	6.498	94	97542	23.485	ng	# 77
11) bis(2-Chloroethyl)ether	6.575	93	175013	54.757	ng	99
12) 1,3-Dichlorobenzene	6.781	146	152868	44.177	ng	98
13) 1,4-Dichlorobenzene	6.857	146	162518	46.539	ng	100
14) 1,2-Dichlorobenzene	7.010	146	154007	47.189	ng	98
15) Benzyl Alcohol	6.992	79	111782	39.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	299012	54.361	ng	62
17) 2-Methylphenol	7.110	107	122642	48.046	ng	# 81
18) Hexachloroethane	7.345	117	59538	45.293	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	152404	63.966	ng	98
20) 3+4-Methylphenols	7.263	107	149381	45.611	ng	# 85
22) Acetophenone	7.251	105	261130	55.617	ng	# 96
24) Nitrobenzene	7.434	77	224910	56.354	ng	98
25) Isophorone	7.669	82	406303	60.668	ng	98
26) 2-Nitrophenol	7.745	139	100040	58.262	ng	94
27) 2,4-Dimethylphenol	7.787	122	126262	61.459	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	235258	57.684	ng	99
29) 2,4-Dichlorophenol	7.992	162	152279	57.683	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	159499	52.354	ng	97
31) Naphthalene	8.145	128	552525	54.740	ng	99
32) Benzoic acid	7.904	122	15027	9.305	ng	86
33) 4-Chloroaniline	8.198	127	64362	18.996	ng	98
34) Hexachlorobutadiene	8.251	225	90728	49.168	ng	99
35) Caprolactam	8.598	113	6692	8.495	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	183064	60.677	ng	100
37) 2-Methylnaphthalene	8.833	142	380863	59.747	ng	100
38) 1-Methylnaphthalene	8.933	142	349632	55.972	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	164217	52.932	ng	98
41) Hexachlorocyclopentadiene	8.981	237	113257	132.879	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	103181	54.547	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	111023	53.689	ng	98
46) 1,1'-Biphenyl	9.298	154	463720	53.016	ng	99
47) 2-Chloronaphthalene	9.328	162	361109	55.510	ng	99
48) 2-Nitroaniline	9.433	65	135600	61.486	ng	98
49) Acenaphthylene	9.739	152	578138	62.661	ng	100
50) Dimethylphthalate	9.604	163	480900	67.342	ng	99
51) 2,6-Dinitrotoluene	9.675	165	96830	60.082	ng	90
52) Acenaphthene	9.910	154	353916	57.063	ng	100
53) 3-Nitroaniline	9.845	138	47586	28.562	ng	92
54) 2,4-Dinitrophenol	9.963	184	87006	117.277	ng	89
55) Dibenzofuran	10.086	168	527094	60.205	ng	99
56) 4-Nitrophenol	10.033	139	18058	18.024	ng	# 68
57) 2,4-Dinitrotoluene	10.080	165	132327	64.356	ng	# 83
58) Fluorene	10.428	166	430943	61.811	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93662	59.244	ng	97
60) Diethylphthalate	10.298	149	447710	66.121	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	210248	61.316	ng	96
62) 4-Nitroaniline	10.463	138	84418	53.318	ng	85
63) Azobenzene	10.575	77	470233	62.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	71616	61.516	ng	93
66) n-Nitrosodiphenylamine	10.539	169	370642	62.139	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	123123	59.595	ng	97
68) Hexachlorobenzene	10.975	284	124511	58.369	ng	99
69) Atrazine	11.069	200	106395	69.137	ng	98
70) Pentachlorophenol	11.180	266	80330	83.546	ng	98
71) Phenanthrene	11.392	178	599208	60.983	ng	100
72) Anthracene	11.445	178	610848	63.106	ng	100
73) Carbazole	11.598	167	491750	58.884	ng	99
74) Di-n-butylphthalate	11.916	149	663660	70.692	ng	99
75) Fluoranthene	12.574	202	534614	58.281	ng	99
77) Benzidine	12.704	184	12343	5.611	ng	96
78) Pyrene	12.804	202	524964	60.623	ng	100
80) Butylbenzylphthalate	13.410	149	189731	68.420	ng	99
81) Benzo(a)anthracene	13.992	228	380076	60.011	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	72314	44.617	ng	99
83) Chrysene	14.027	228	349687	61.198	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	250774	61.757	ng	99
85) Di-n-octyl phthalate	14.574	149	400870	53.358	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	370866	57.678	ng	96
88) Benzo(b)fluoranthene	15.039	252	317870	57.150	ng	98
89) Benzo(k)fluoranthene	15.068	252	279230	57.984	ng	98
90) Benzo(a)pyrene	15.404	252	299330	63.981	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	297279	56.322	ng	98
92) Benzo(g,h,i)perylene	17.386	276	274937	50.197	ng	97

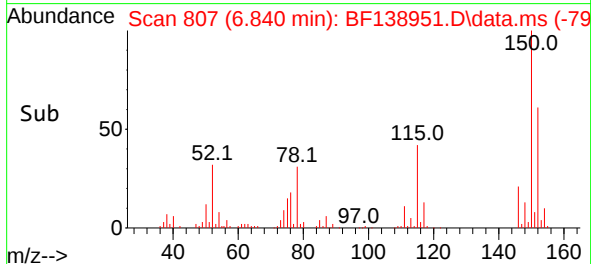
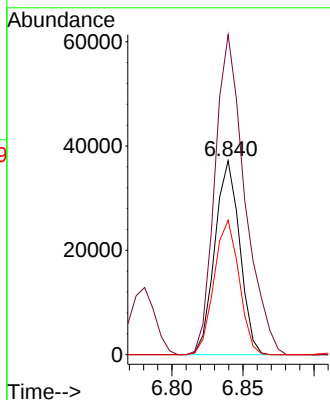
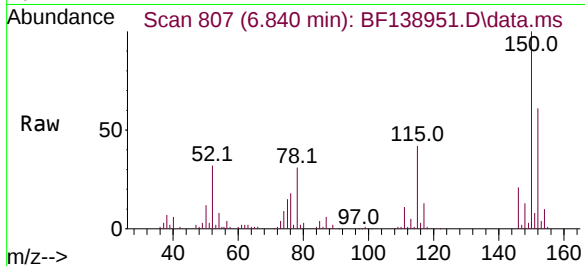
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

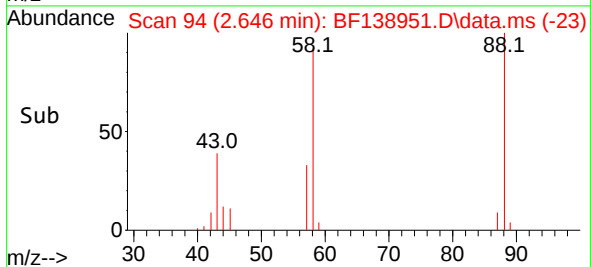
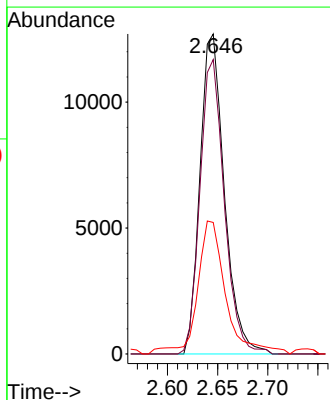
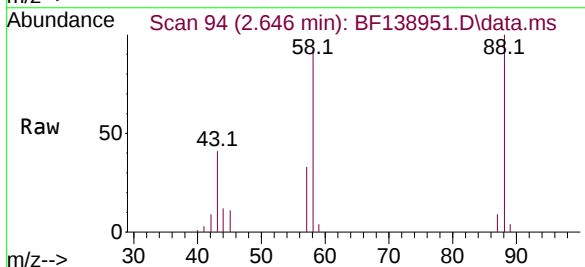
Instrument :
 BNA_F
 ClientSampleId :
 TS04MSD

Tgt Ion:152 Resp: 45355
 Ion Ratio Lower Upper
 152 100
 150 165.0 126.0 189.0
 115 69.3 51.7 77.5



#2
 1,4-Dioxane
 Concen: 16.734 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.071 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

Tgt Ion: 88 Resp: 21525
 Ion Ratio Lower Upper
 88 100
 58 91.8 71.6 107.4
 43 48.2 28.7 43.1#

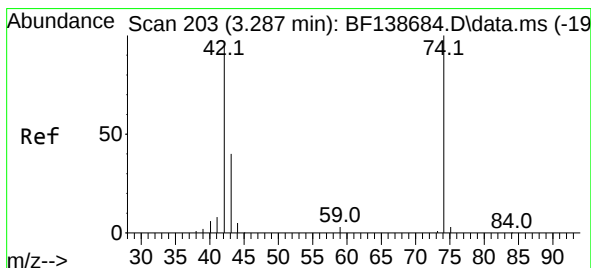
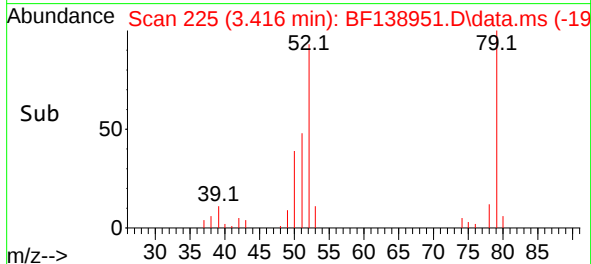
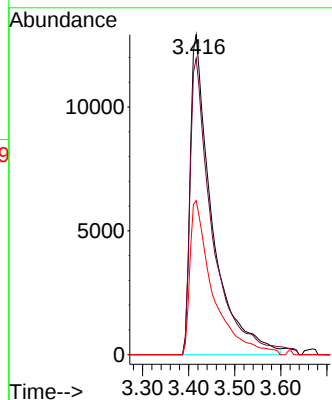
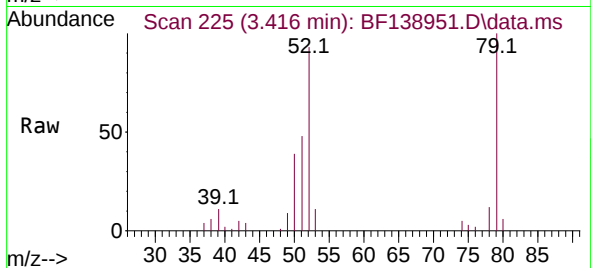




#3
Pyridine
Concen: 13.575 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

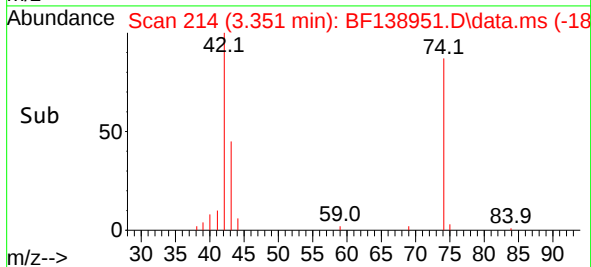
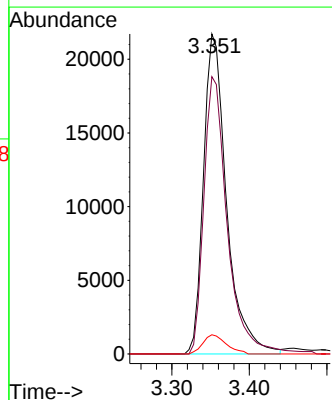
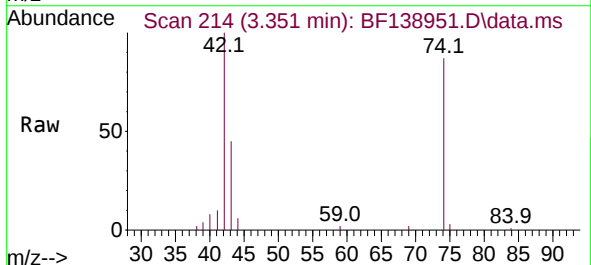
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion: 79 Resp: 42301
Ion Ratio Lower Upper
79 100
52 92.6 74.7 112.1
51 48.2 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 24.272 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.065 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 42 Resp: 45046
Ion Ratio Lower Upper
42 100
74 86.7 84.2 126.4
44 6.0 4.9 7.3

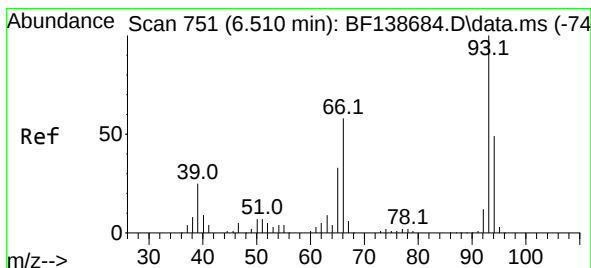
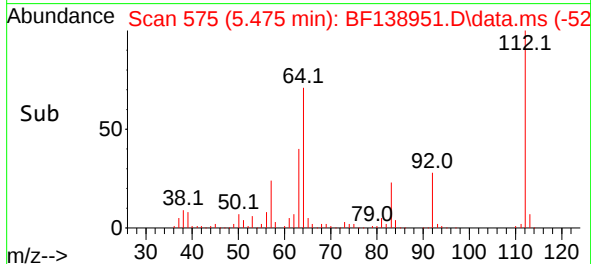
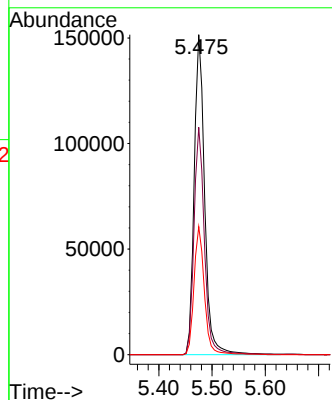
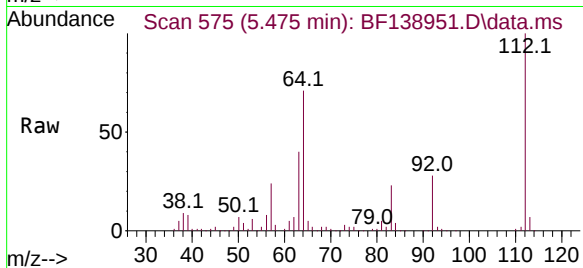




#5
2-Fluorophenol
Concen: 70.632 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

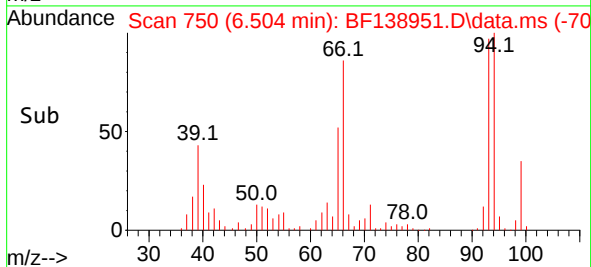
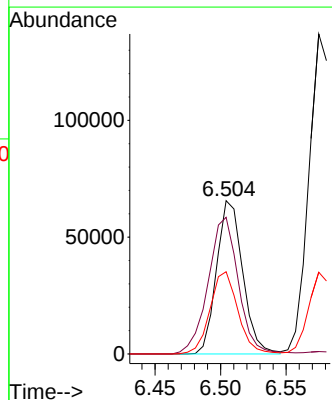
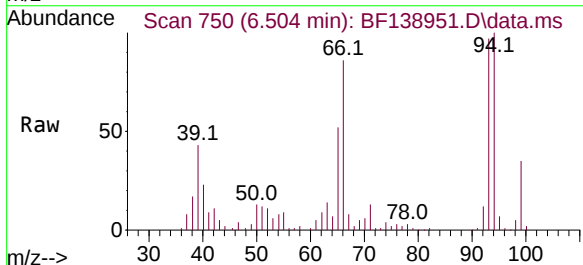
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:112 Resp: 207529
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 40.0 28.7 43.1



#6
Aniline
Concen: 25.828 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 93 Resp: 90862
Ion Ratio Lower Upper
93 100
66 89.1 46.9 70.3#
65 53.6 26.5 39.7#





#7

Phenol-d6

Concen: 59.241 ng

RT: 6.487 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

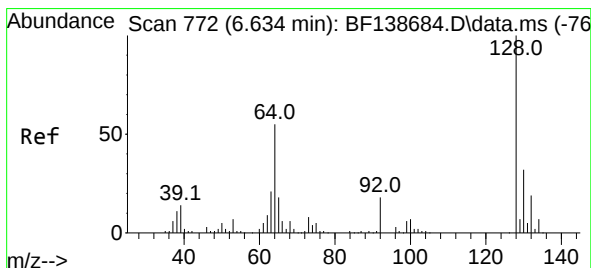
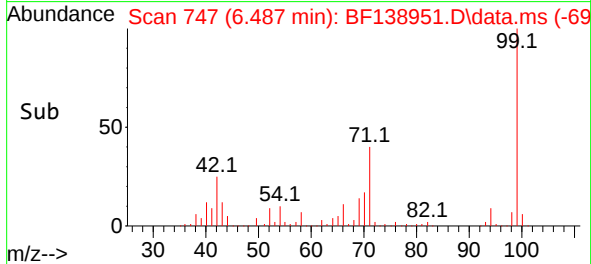
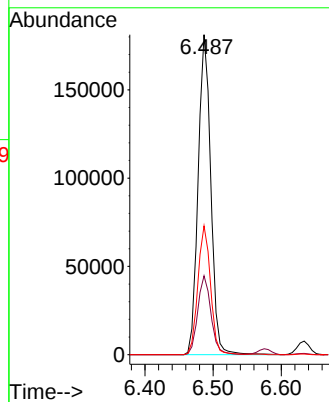
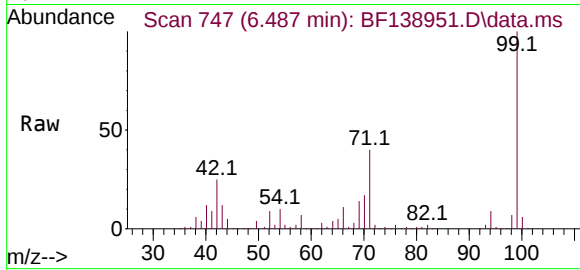
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ClientSampleId :

TS04MSD

Tgt Ion: 99 Resp: 233692

Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.4	26.0
71	40.2	28.1	42.1



#8

2-Chlorophenol

Concen: 51.034 ng

RT: 6.634 min Scan# 772

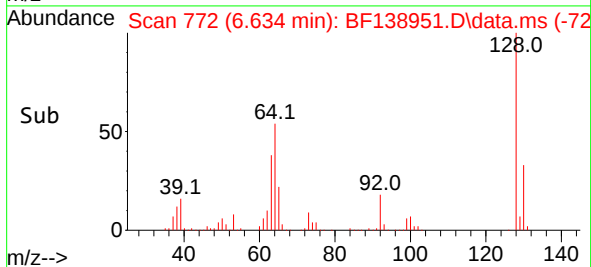
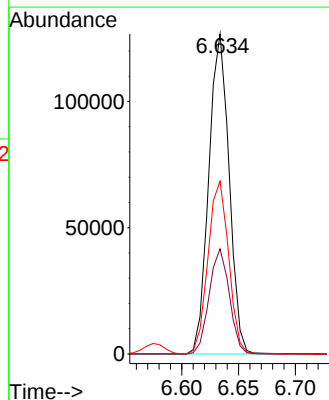
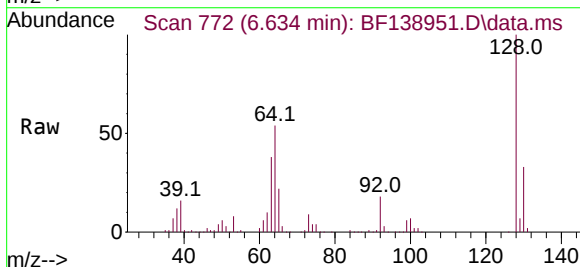
Delta R.T. -0.000 min

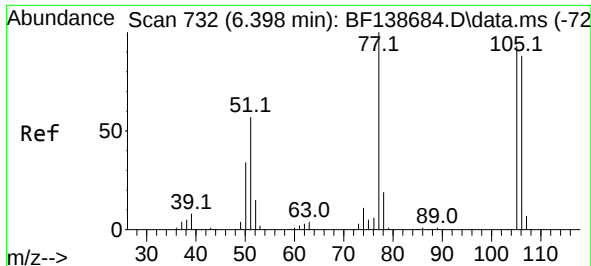
Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Tgt Ion: 128 Resp: 157759

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	54.0	36.3	76.3





#9

Benzaldehyde

Concen: 2.442 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

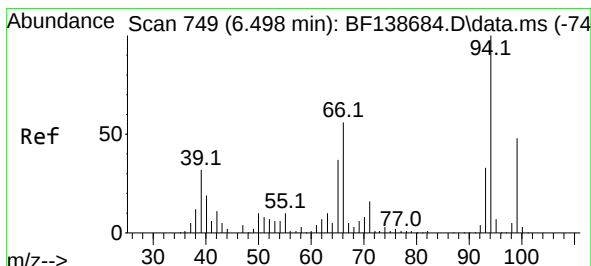
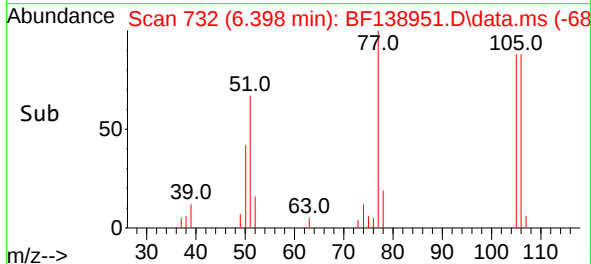
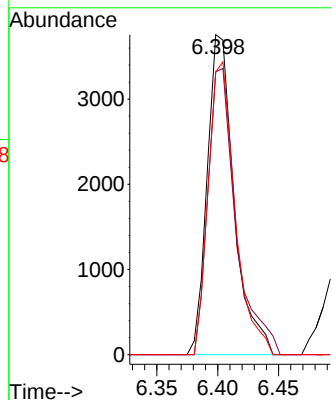
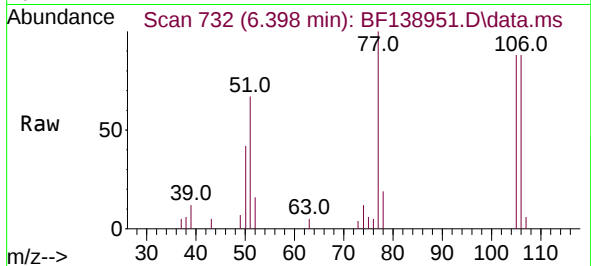
Tgt Ion: 77 Resp: 5775

Ion Ratio Lower Upper

77 100

105 88.4 72.9 112.9

106 88.4 68.4 108.4



#10

Phenol

Concen: 23.485 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

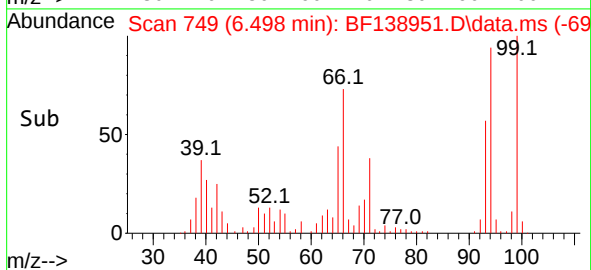
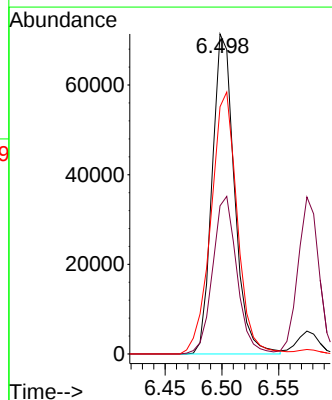
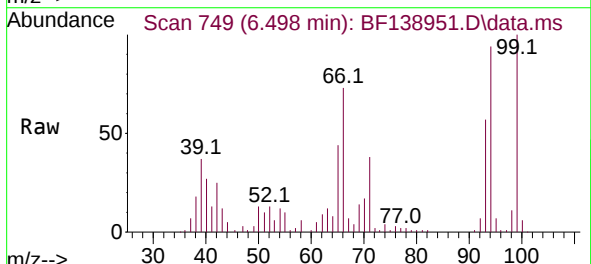
Tgt Ion: 94 Resp: 97542

Ion Ratio Lower Upper

94 100

65 46.3 16.9 56.9

66 77.3 36.5 76.5#

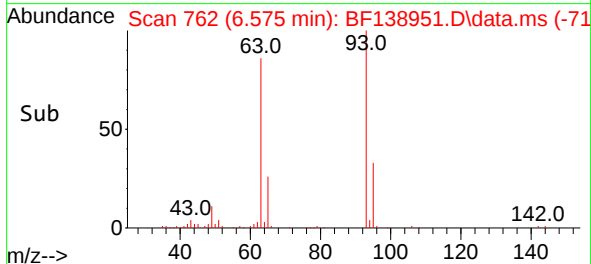
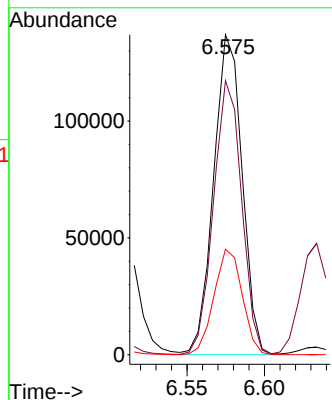
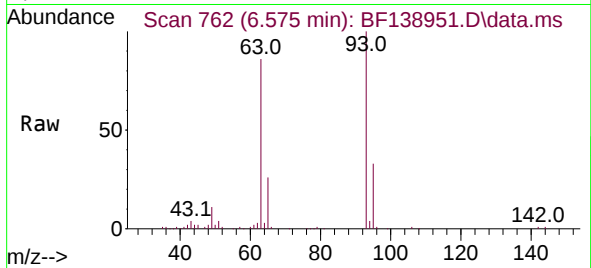




#11
bis(2-Chloroethyl)ether
Concen: 54.757 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

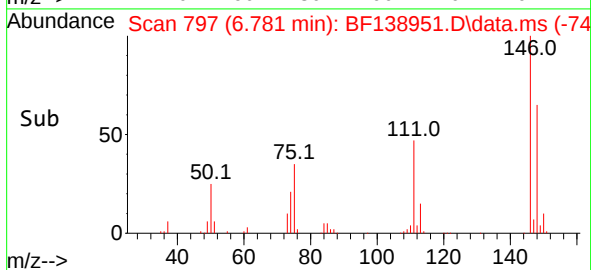
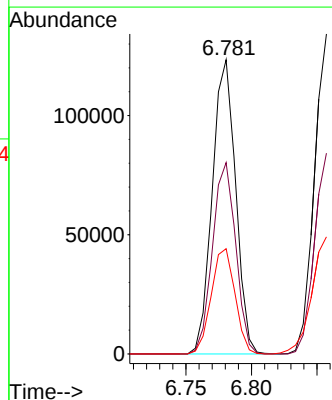
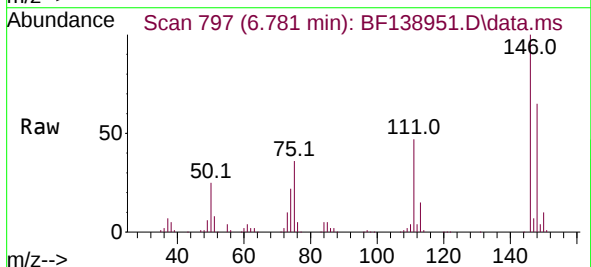
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion: 93 Resp: 175013
Ion Ratio Lower Upper
93 100
63 85.7 65.3 105.3
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.177 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:146 Resp: 152868
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 35.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.539 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

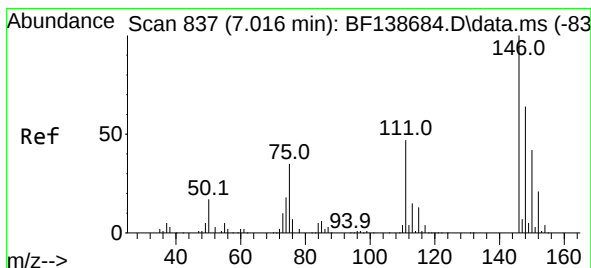
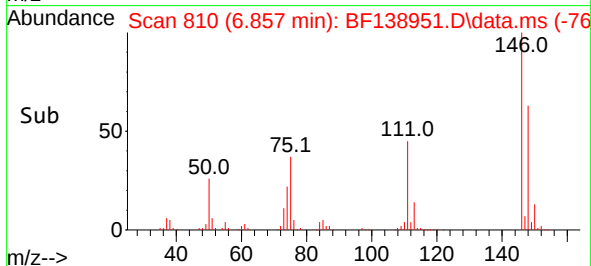
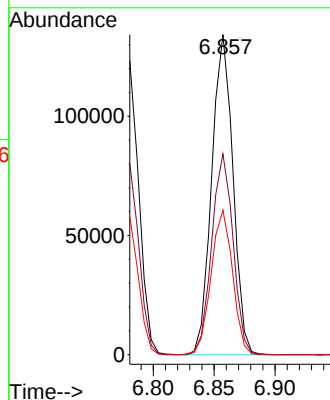
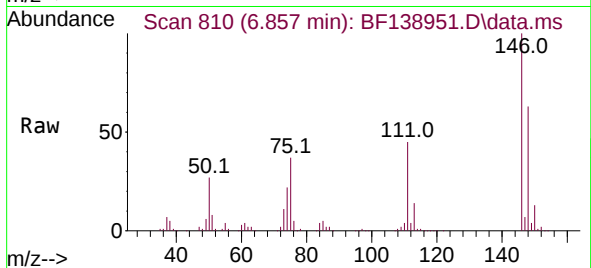
Tgt Ion:146 Resp: 162518

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 45.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.189 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

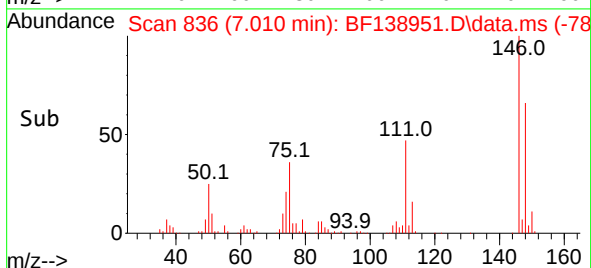
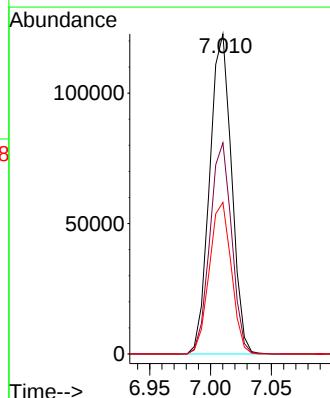
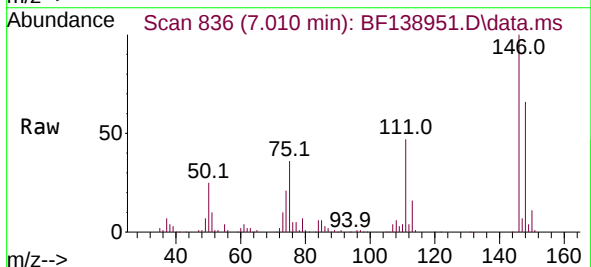
Tgt Ion:146 Resp: 154007

Ion Ratio Lower Upper

146 100

148 66.0 50.8 76.2

111 47.4 37.4 56.2

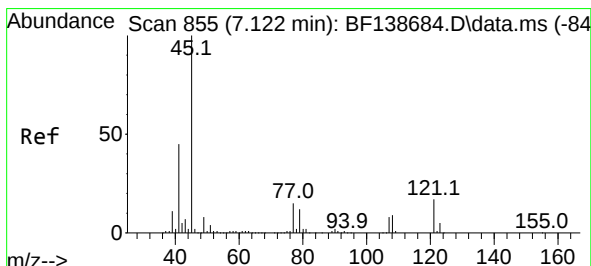
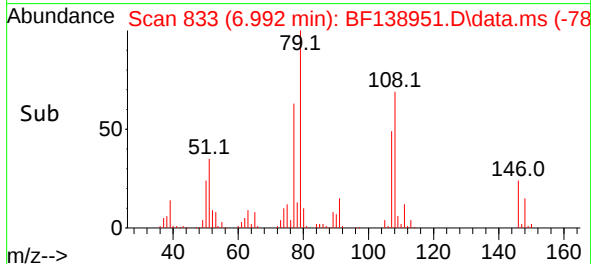
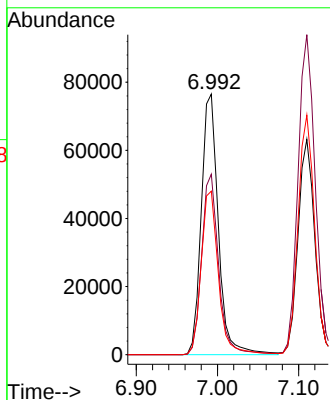
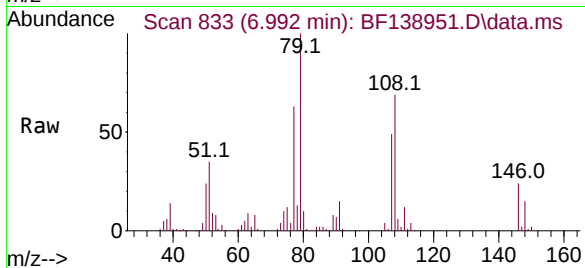




#15
Benzyl Alcohol
Concen: 39.316 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

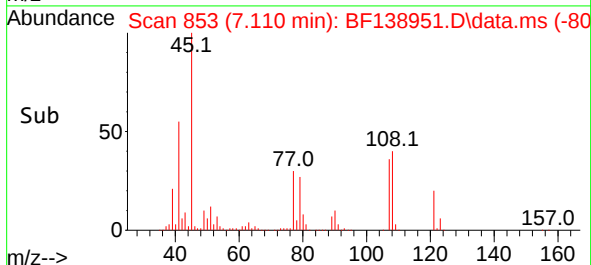
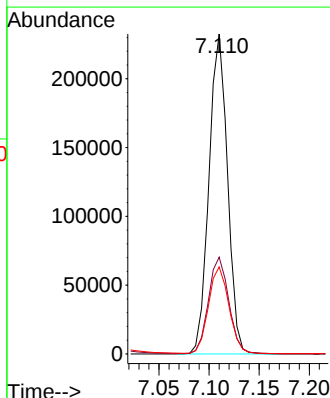
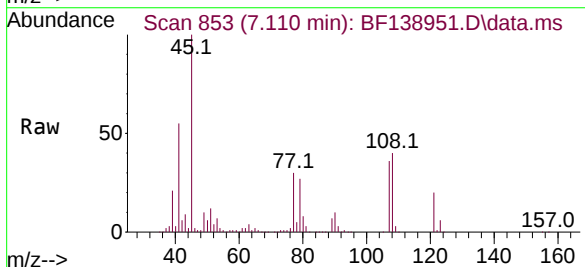
Instrument :
BNA_F
ClientSampleId :
TS04MSD

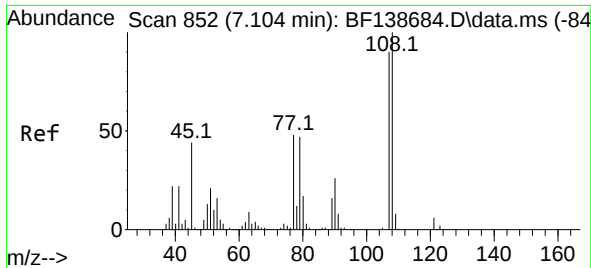
Tgt Ion: 79 Resp: 111782
Ion Ratio Lower Upper
79 100
108 69.2 56.6 85.0
77 62.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.361 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

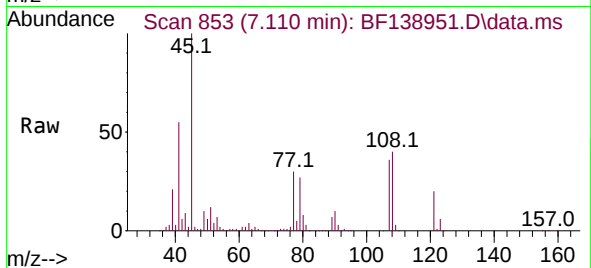
Tgt Ion: 45 Resp: 299012
Ion Ratio Lower Upper
45 100
77 30.3 0.0 34.9
79 27.2 0.0 32.2



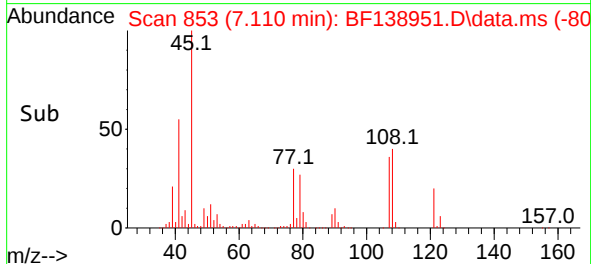
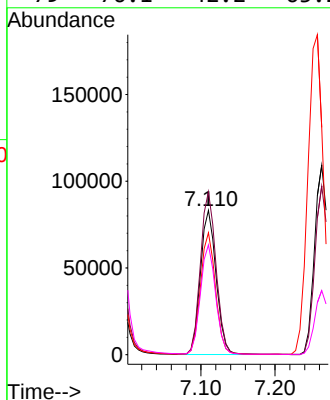


#17
2-Methylphenol
Concen: 48.046 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

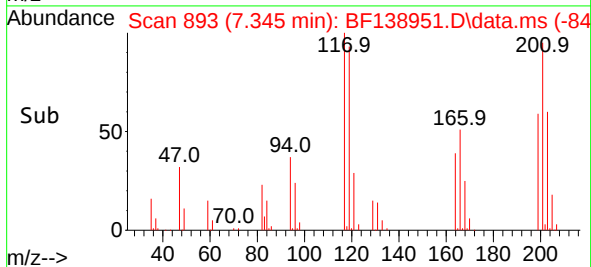
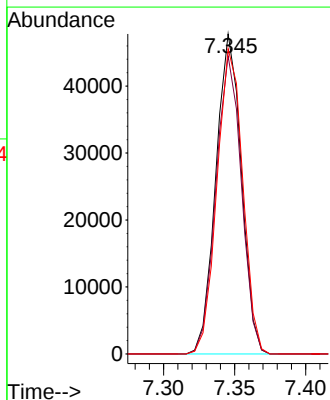
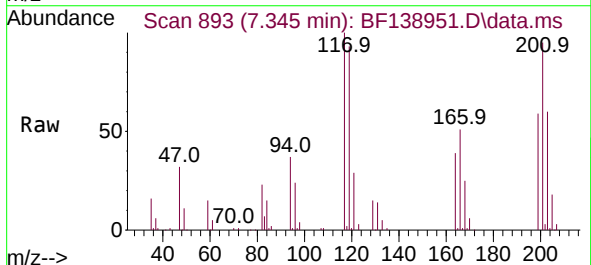


Tgt Ion:107 Resp: 122642
Ion Ratio Lower Upper
107 100
108 113.0 89.2 133.8
77 84.6 43.0 64.4#
79 76.1 42.2 63.2#



#18
Hexachloroethane
Concen: 45.293 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:117 Resp: 59538
Ion Ratio Lower Upper
117 100
119 93.1 74.6 111.8
201 95.4 77.2 115.8



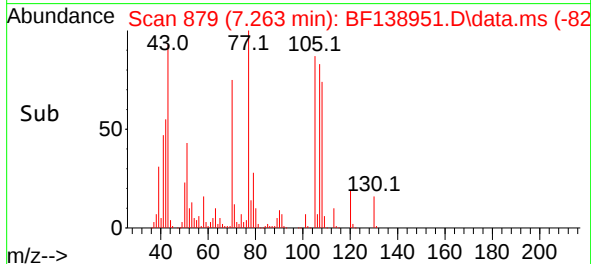
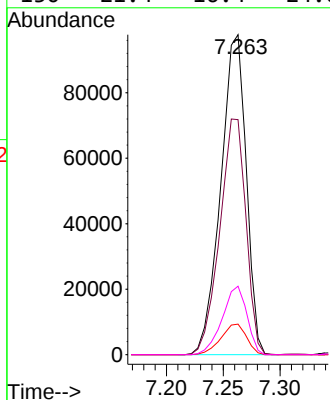
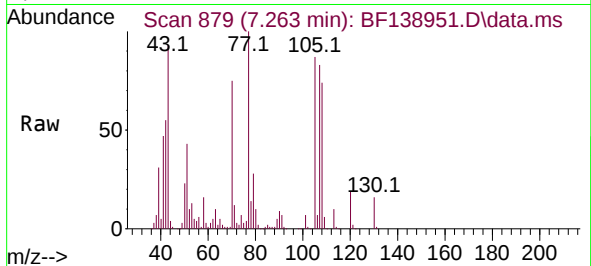


#19
n-Nitroso-di-n-propylamine
Concen: 63.966 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion: 70 Resp: 152404

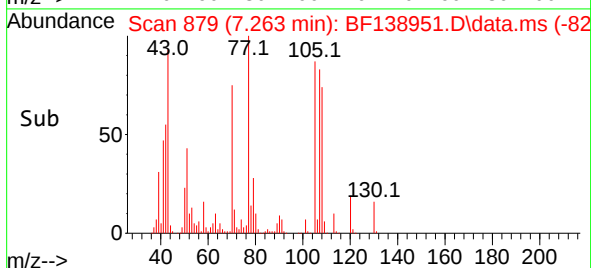
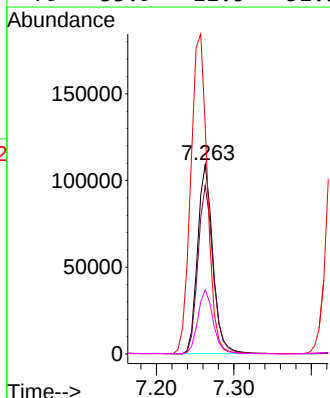
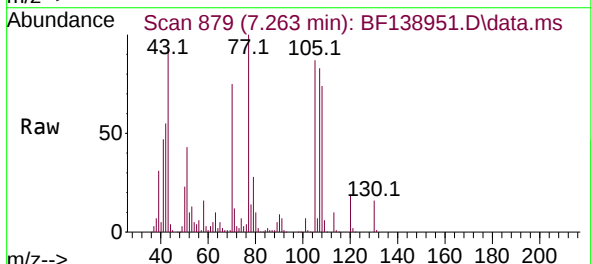
Ion	Ratio	Lower	Upper
70	100		
42	73.5	57.4	86.0
101	9.6	7.5	11.3
130	21.4	16.4	24.6

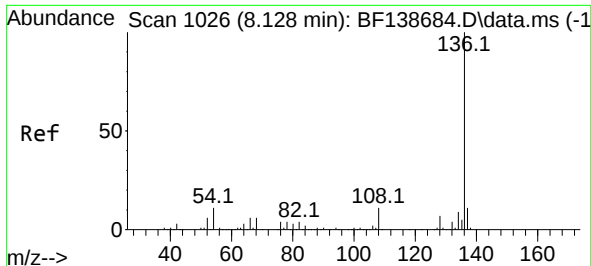


#20
3+4-Methylphenols
Concen: 45.611 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 107 Resp: 149381

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	120.0	132.1	172.1#
79	33.9	11.5	51.5

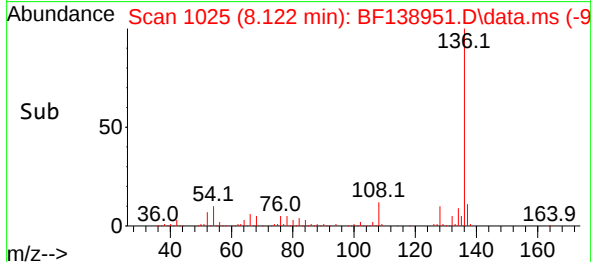
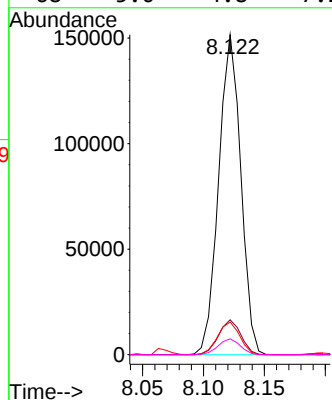
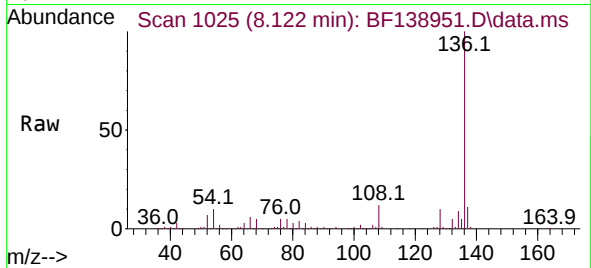




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

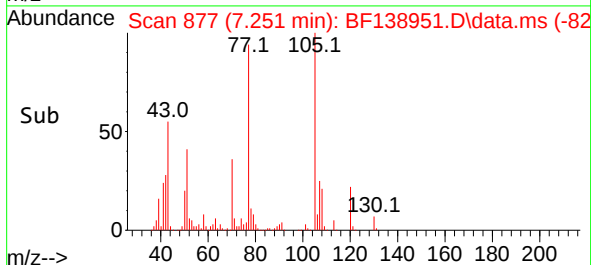
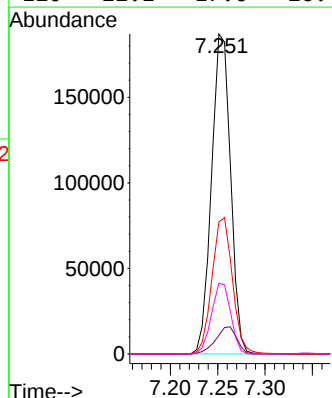
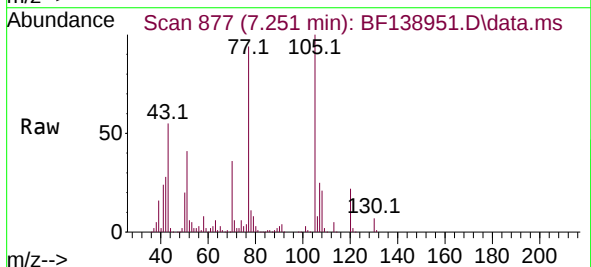
Instrument :
BNA_F
ClientSampleId :
TS04MSD

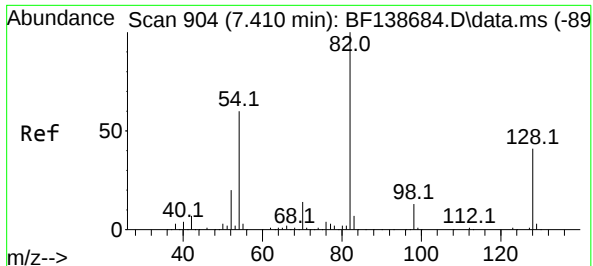
Tgt Ion:136 Resp: 191758
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.6 12.8
68 5.0 4.8 7.2



#22
Acetophenone
Concen: 55.617 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:105 Resp: 261130
Ion Ratio Lower Upper
105 100
71 5.9 7.2 10.8#
51 41.3 35.9 53.9
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 108.719 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

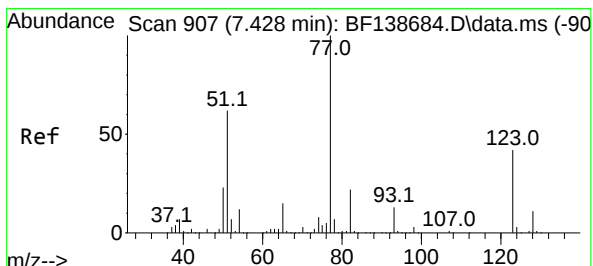
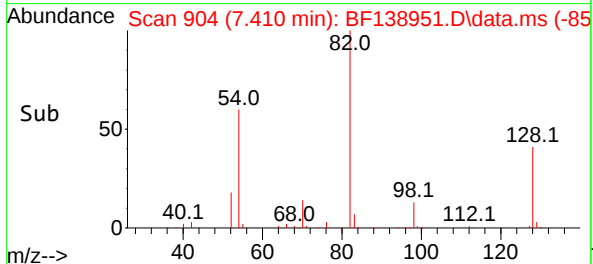
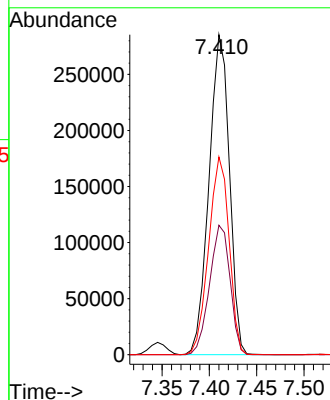
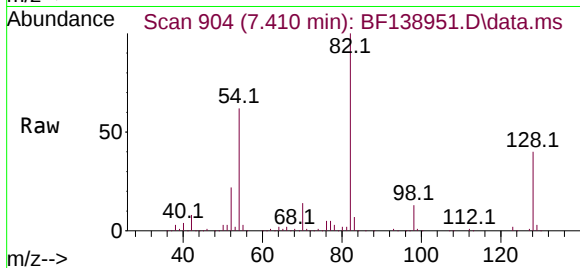
Tgt Ion: 82 Resp: 426409

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 61.8 48.3 72.5



#24

Nitrobenzene

Concen: 56.354 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

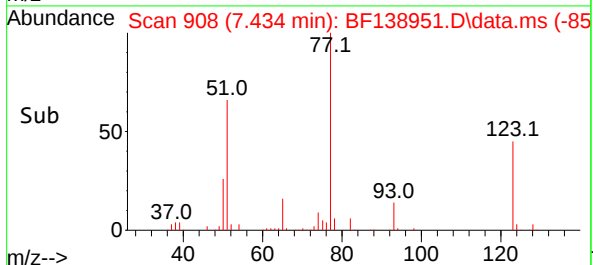
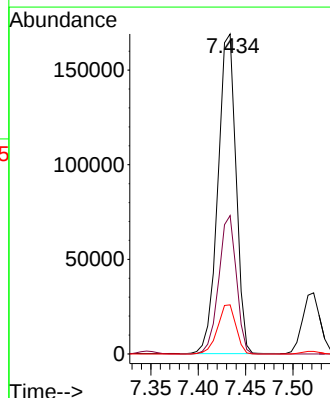
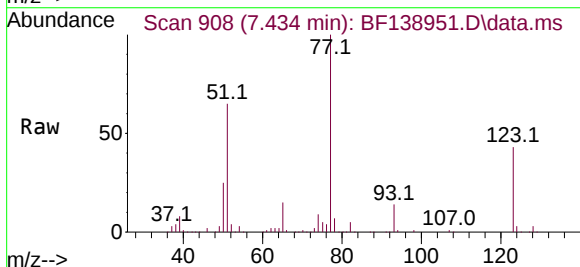
Tgt Ion: 77 Resp: 224910

Ion Ratio Lower Upper

77 100

123 43.2 33.3 49.9

65 15.4 11.9 17.9

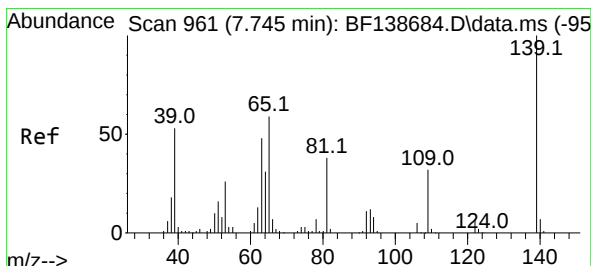
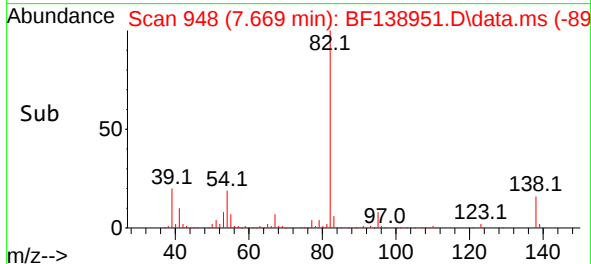
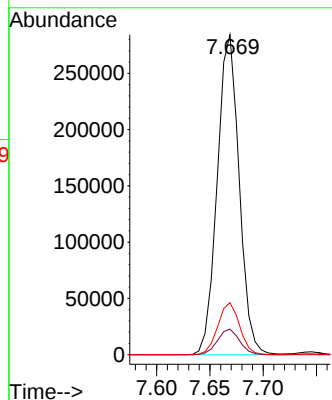
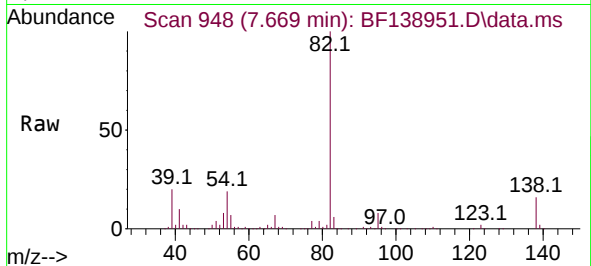




#25
Isophorone
Concen: 60.668 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

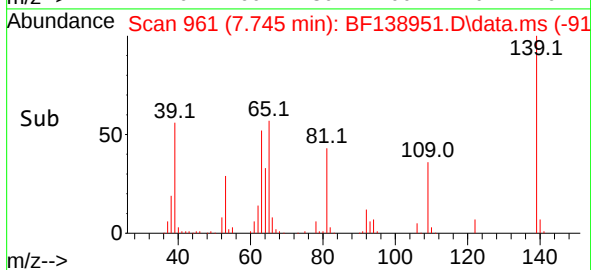
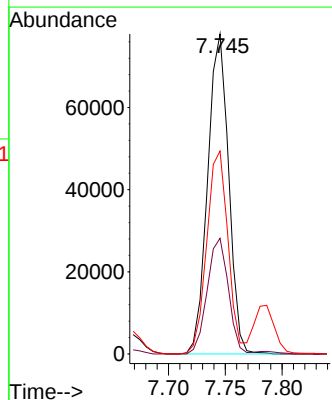
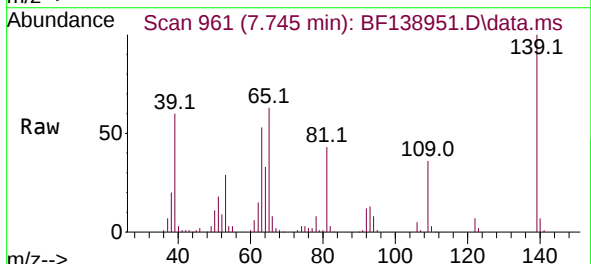
Instrument :
BNA_F
ClientSampleId :
TS04MSD

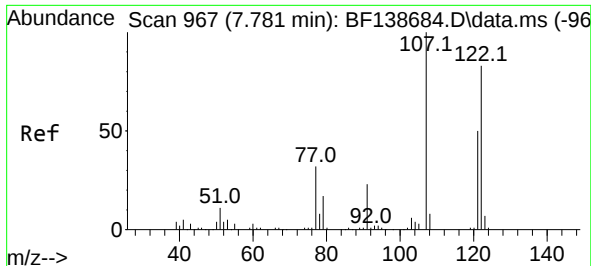
Tgt Ion: 82 Resp: 406303
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.3 13.7 20.5



#26
2-Nitrophenol
Concen: 58.262 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:139 Resp: 100040
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 63.4 47.0 70.6

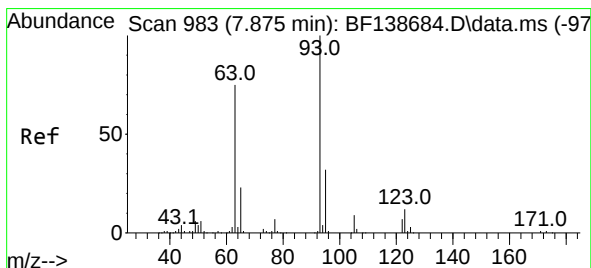
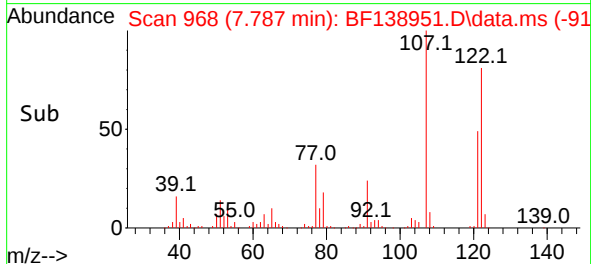
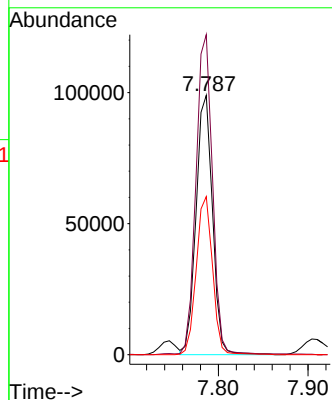
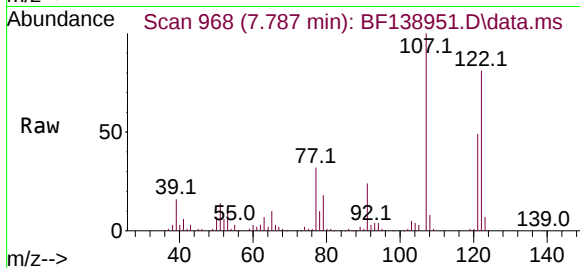




#27
2,4-Dimethylphenol
Concen: 61.459 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

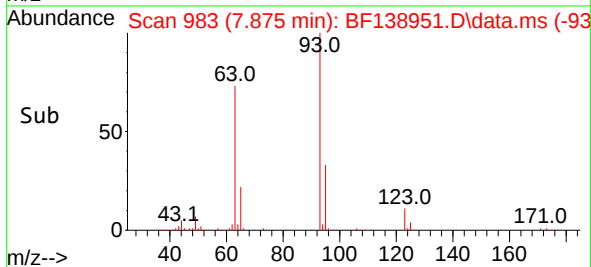
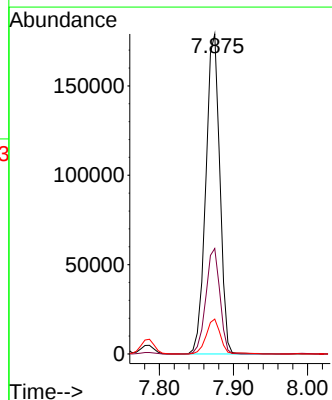
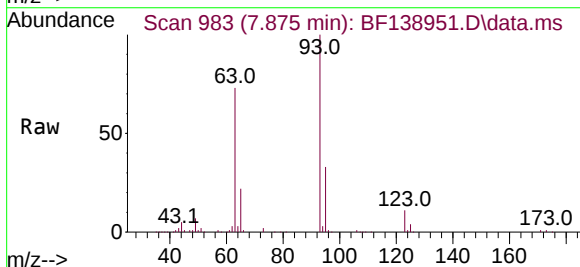
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:122 Resp: 126262
Ion Ratio Lower Upper
122 100
107 123.4 95.0 142.6
121 61.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 57.684 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 93 Resp: 235258
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.683 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

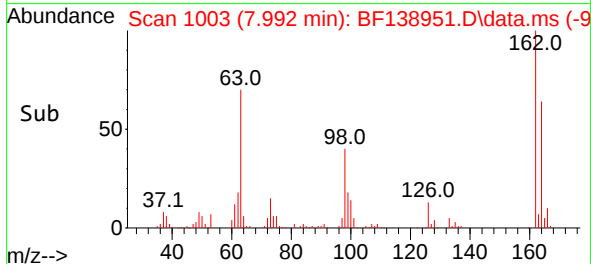
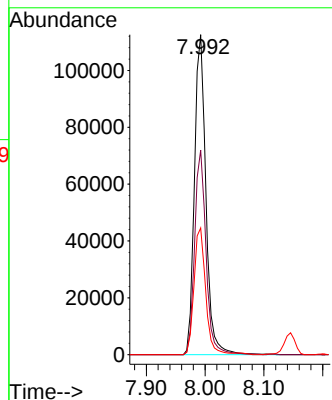
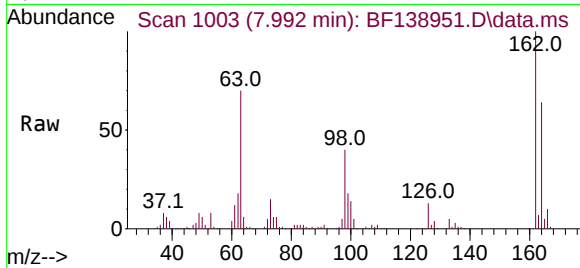
Tgt Ion:162 Resp: 152279

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 39.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 52.354 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

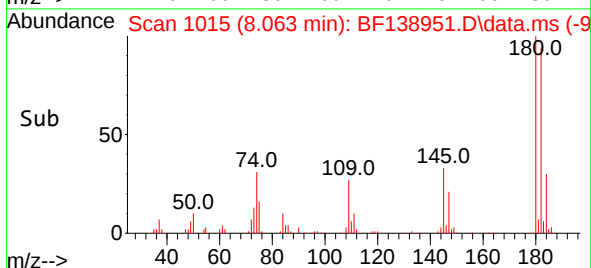
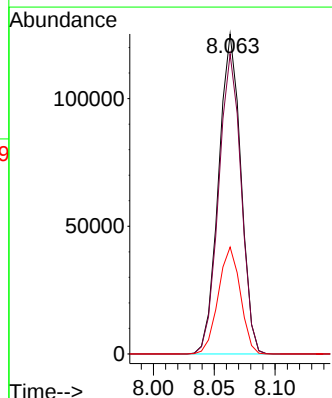
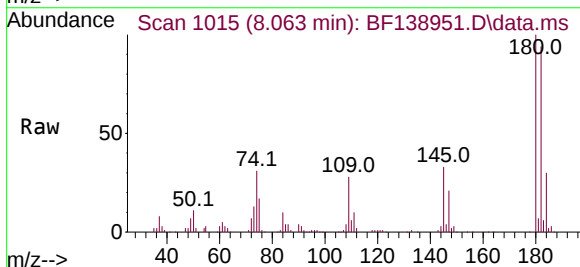
Tgt Ion:180 Resp: 159499

Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 33.4 25.0 37.4

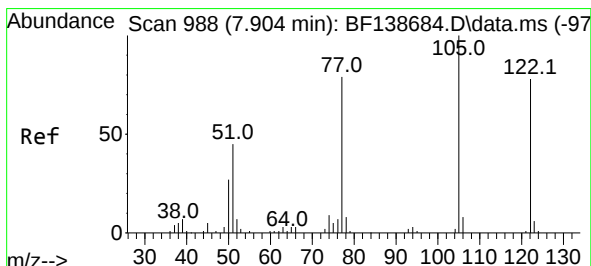
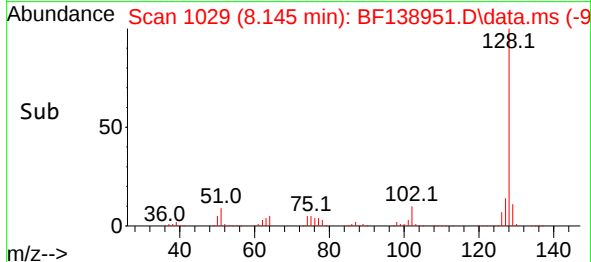
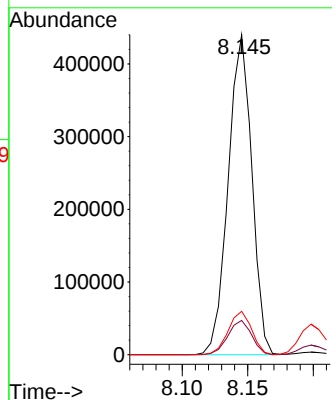
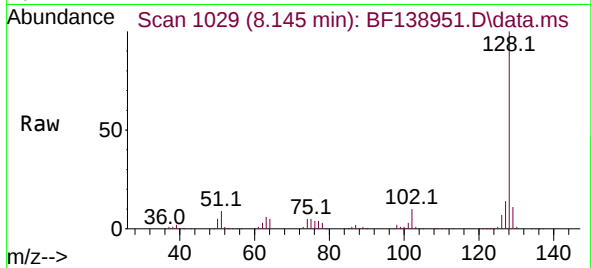




#31
Naphthalene
Concen: 54.740 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

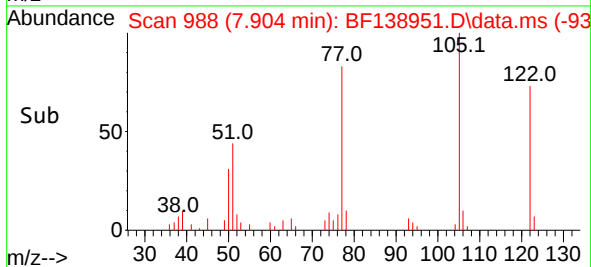
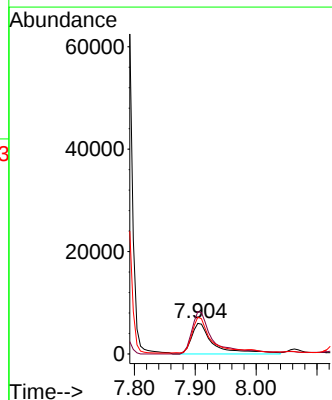
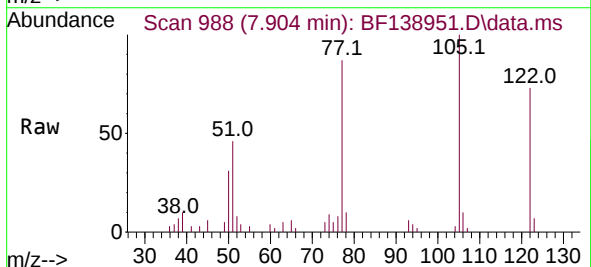
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:128 Resp: 552525
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 9.305 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:122 Resp: 15027
Ion Ratio Lower Upper
122 100
105 137.7 106.7 146.7
77 120.4 81.1 121.1





#33

4-Chloroaniline

Concen: 18.996 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion:127 Resp: 64362

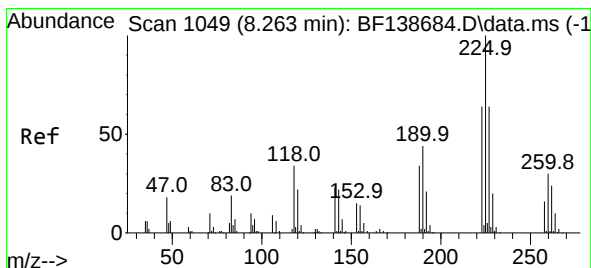
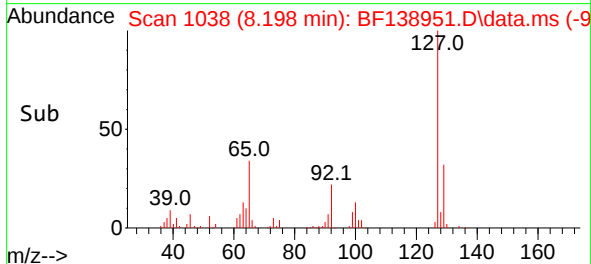
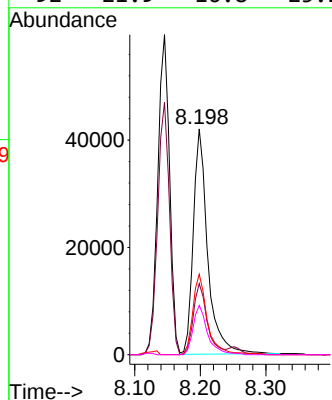
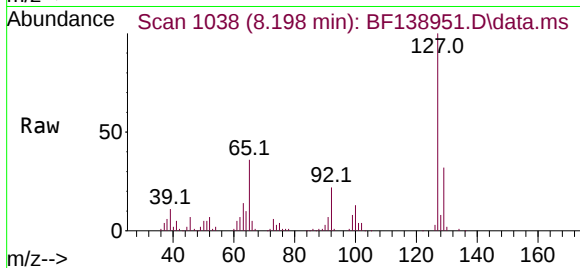
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 35.7 27.6 41.4

92 21.9 16.8 25.2



#34

Hexachlorobutadiene

Concen: 49.168 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

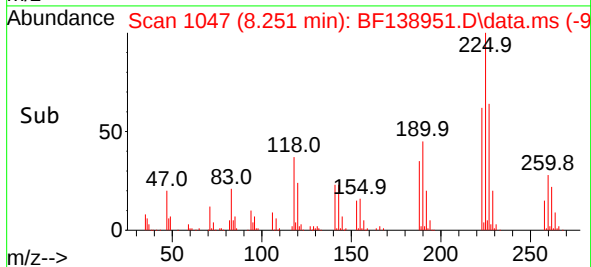
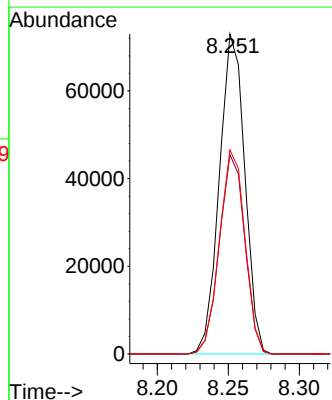
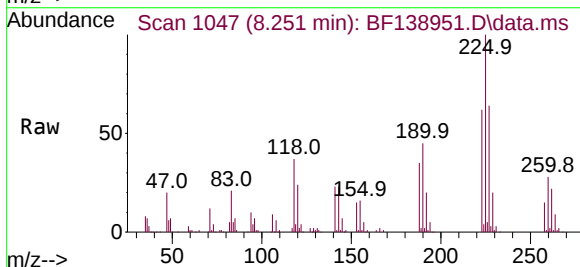
Tgt Ion:225 Resp: 90728

Ion Ratio Lower Upper

225 100

223 62.2 51.2 76.8

227 63.8 51.1 76.7

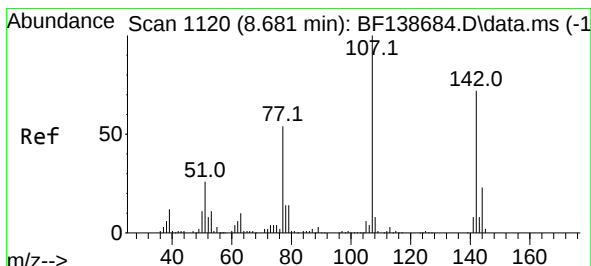
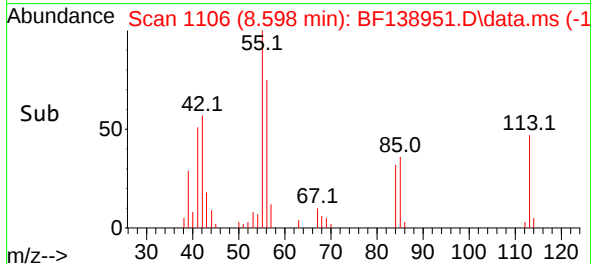
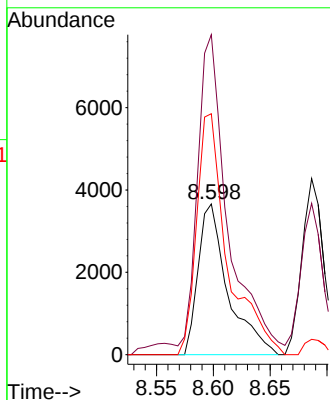
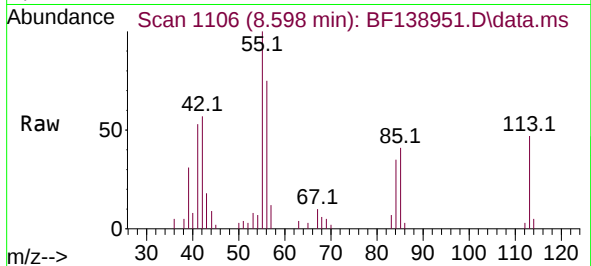




#35
Caprolactam
Concen: 8.495 ng
RT: 8.598 min Scan# 1106
Delta R.T. 0.029 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

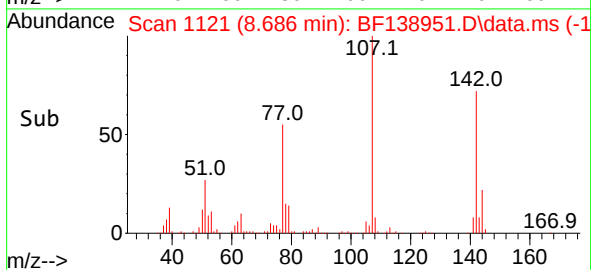
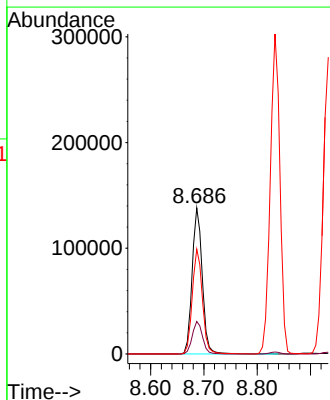
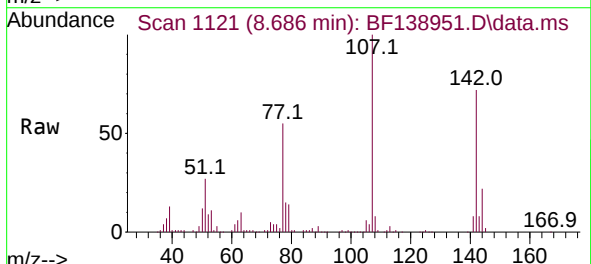
Instrument :
BNA_F
ClientSampleId :
TS04MSD

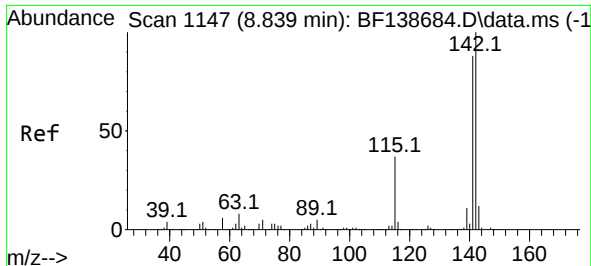
Tgt Ion:113 Resp: 6692
Ion Ratio Lower Upper
113 100
55 212.2 186.7 226.7
56 159.8 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 60.677 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:107 Resp: 183064
Ion Ratio Lower Upper
107 100
144 22.2 18.2 27.2
142 71.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 59.747 ng

RT: 8.833 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

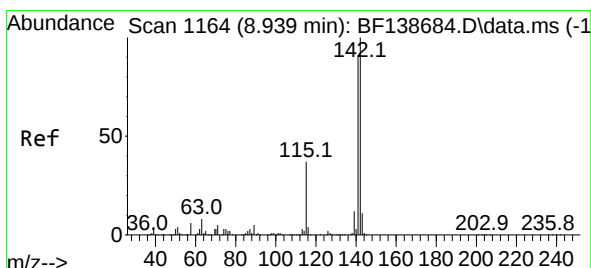
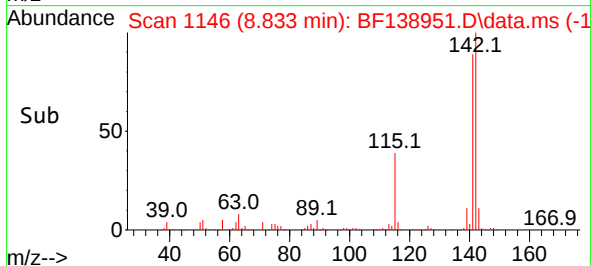
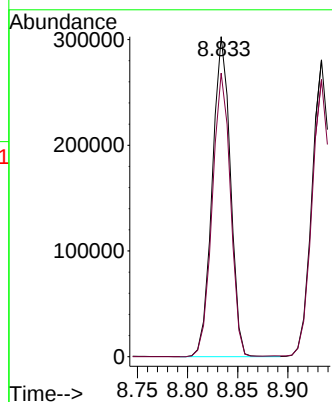
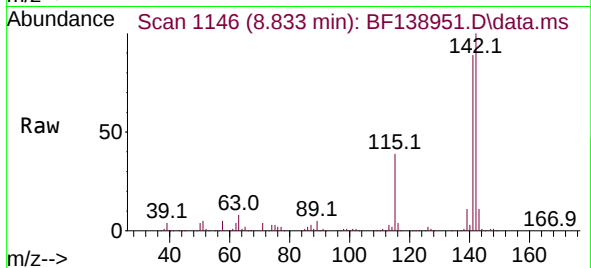
TS04MSD

Tgt Ion:142 Resp: 380863

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 55.972 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138951.D

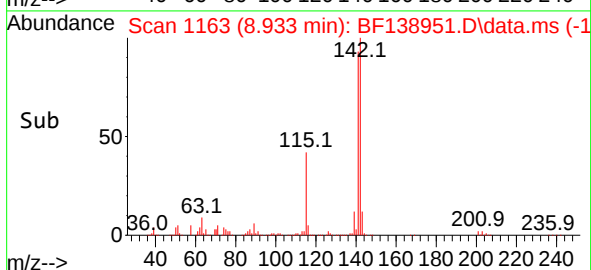
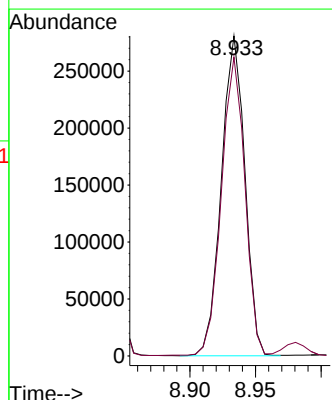
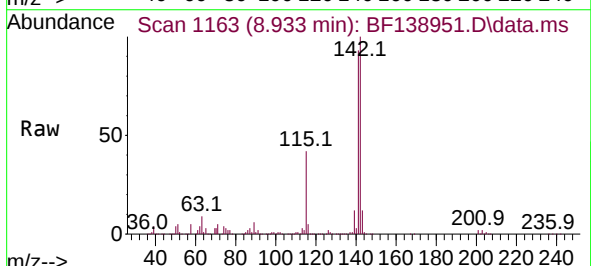
Acq: 12 Aug 2024 23:57

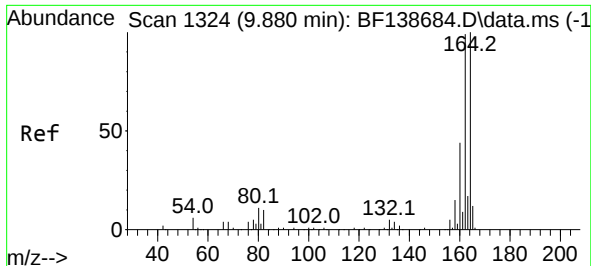
Tgt Ion:142 Resp: 349632

Ion Ratio Lower Upper

142 100

141 93.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1116

Delta R.T. -0.005 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

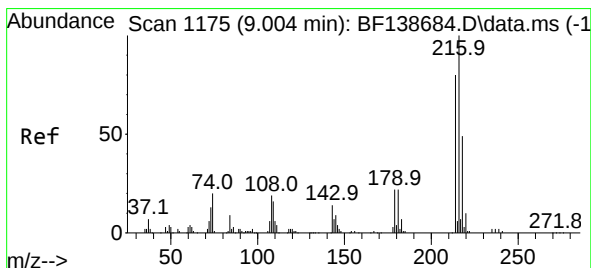
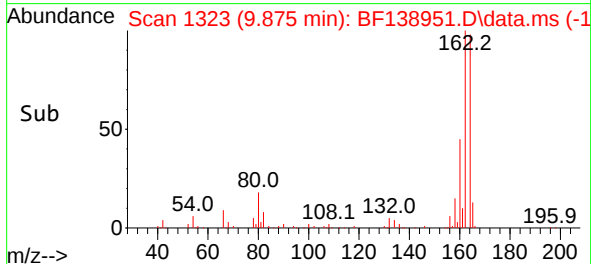
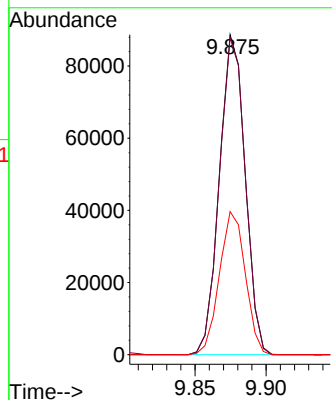
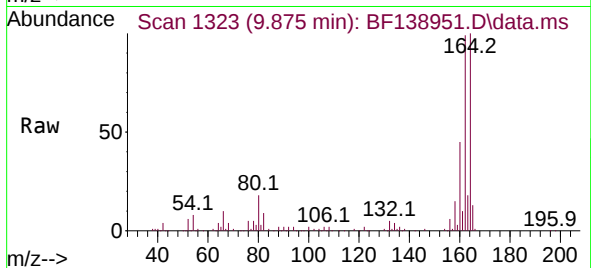
Tgt Ion:164 Resp: 111683

Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

160 44.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.932 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Tgt Ion:216 Resp: 164217

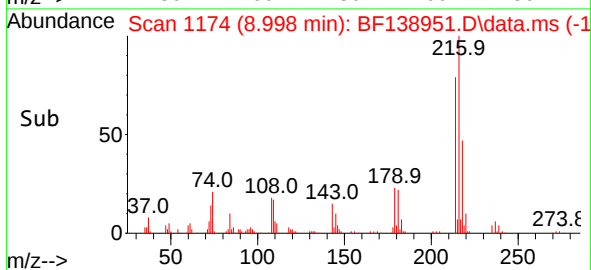
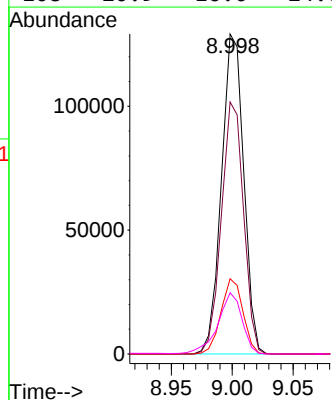
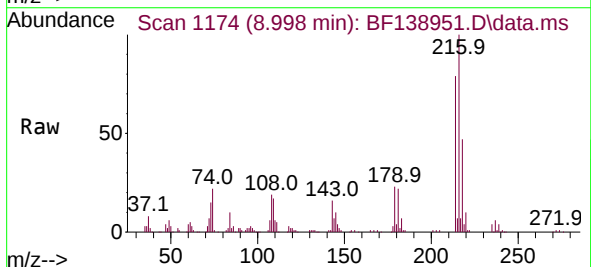
Ion Ratio Lower Upper

216 100

214 78.3 63.9 95.9

179 23.2 17.8 26.6

108 20.9 16.0 24.0

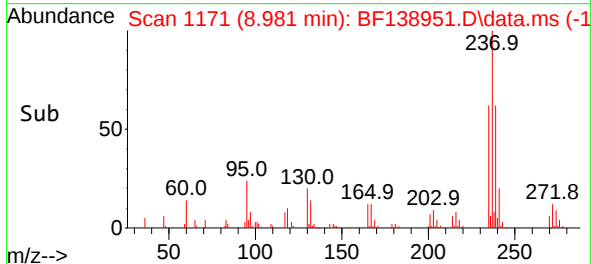
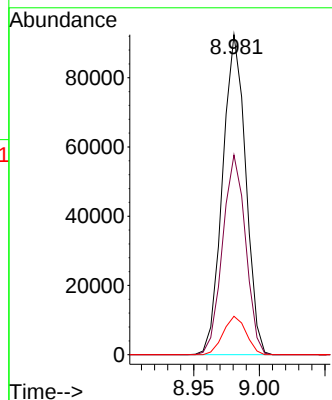
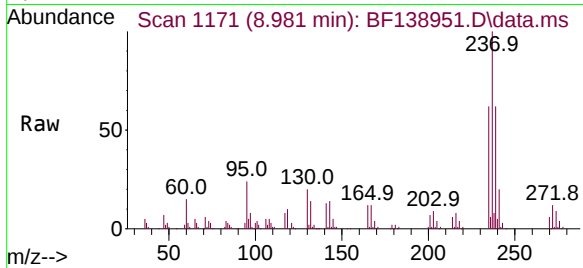




#41
Hexachlorocyclopentadiene
Concen: 132.879 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

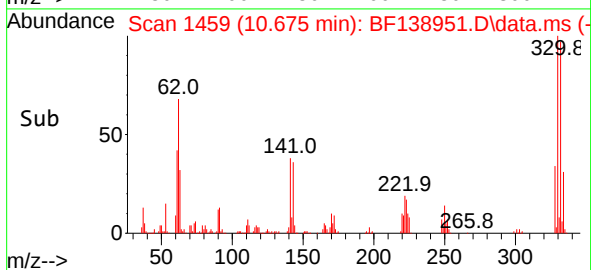
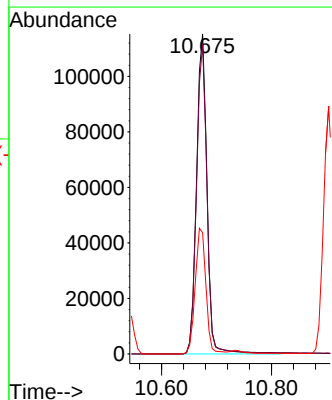
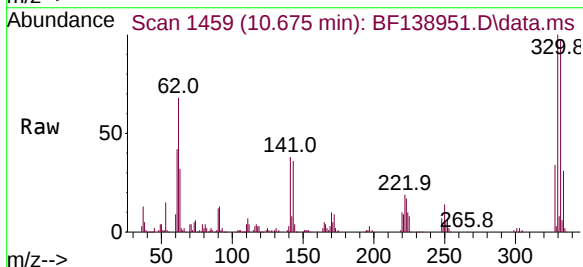
Instrument :
BNA_F
ClientSampleId :
TS04MSD

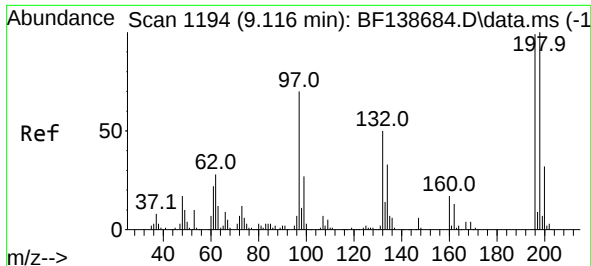
Tgt Ion:237 Resp: 113257
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 12.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 167.353 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:330 Resp: 153100
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 40.1 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 54.547 ng

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

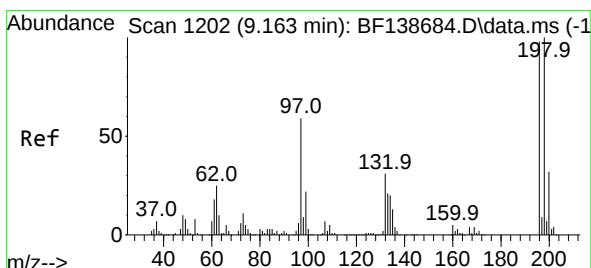
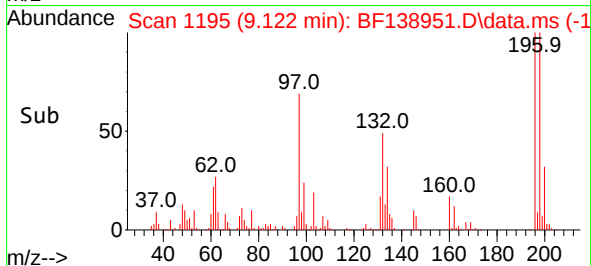
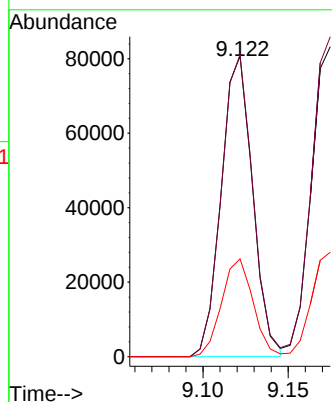
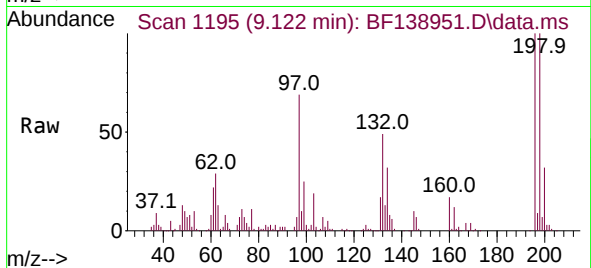
Tgt Ion:196 Resp: 103181

Ion Ratio Lower Upper

196 100

198 100.5 80.5 120.7

200 32.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 53.689 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Tgt Ion:196 Resp: 111023

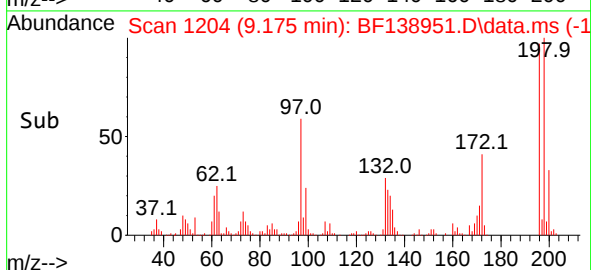
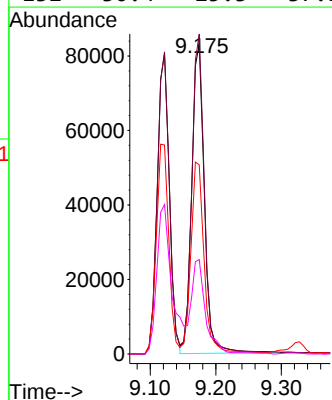
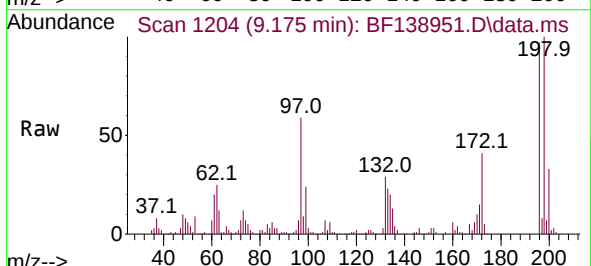
Ion Ratio Lower Upper

196 100

198 103.2 81.2 121.8

97 61.0 47.8 71.6

132 30.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 104.972 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

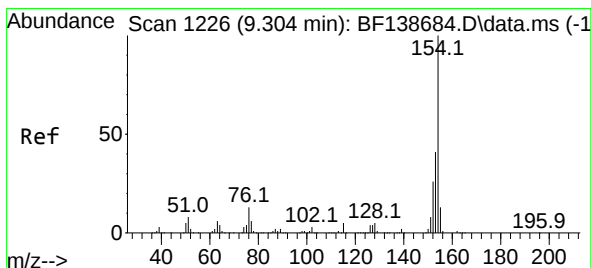
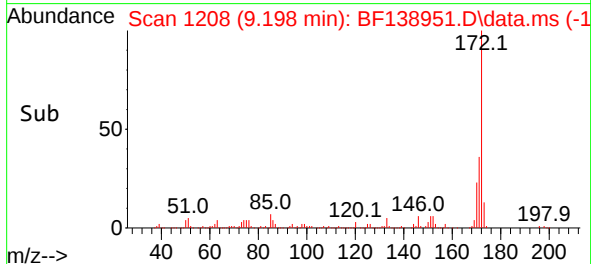
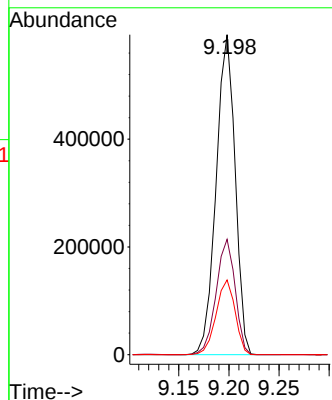
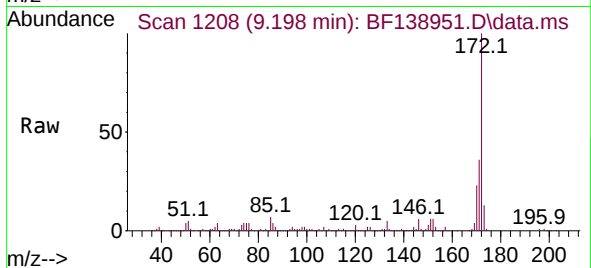
Tgt Ion:172 Resp: 780272

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.016 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

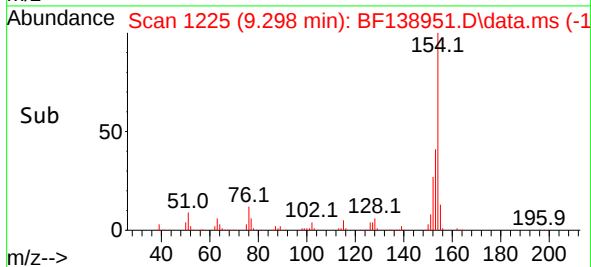
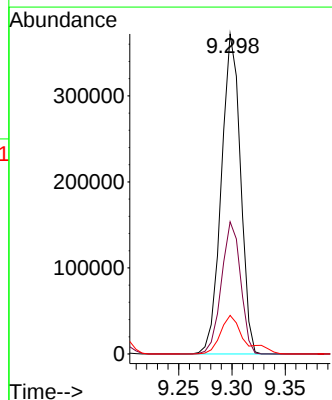
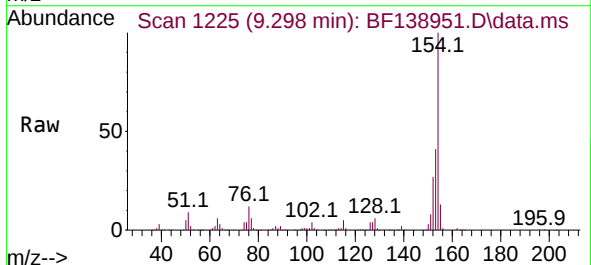
Tgt Ion:154 Resp: 463720

Ion Ratio Lower Upper

154 100

153 41.3 20.8 60.8

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.510 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

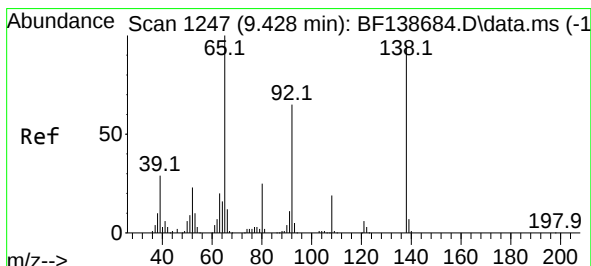
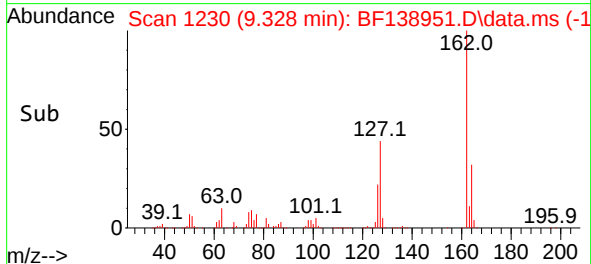
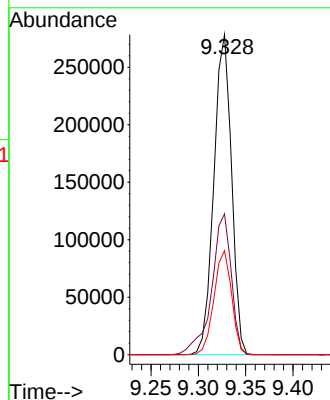
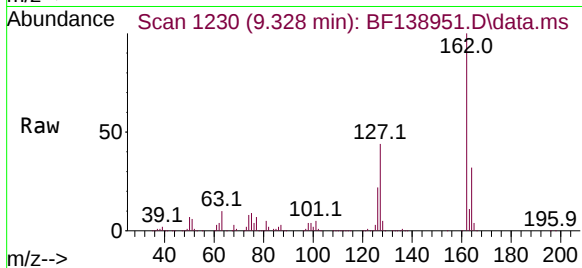
Tgt Ion:162 Resp: 361109

Ion Ratio Lower Upper

162 100

127 44.0 35.4 53.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 61.486 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

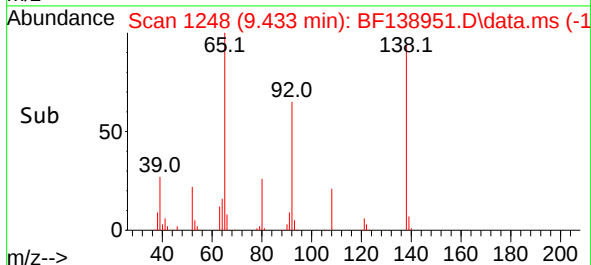
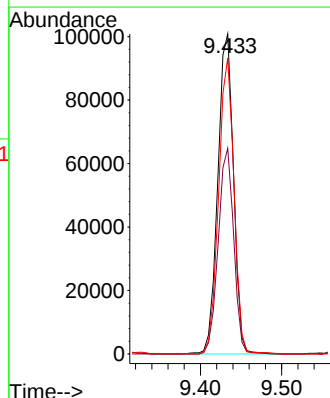
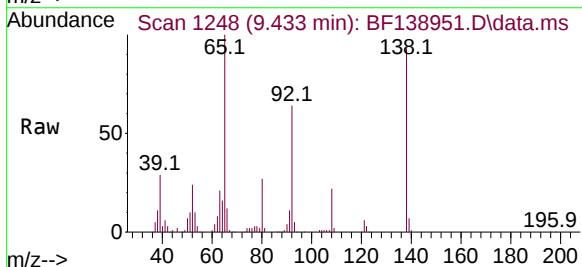
Tgt Ion: 65 Resp: 135600

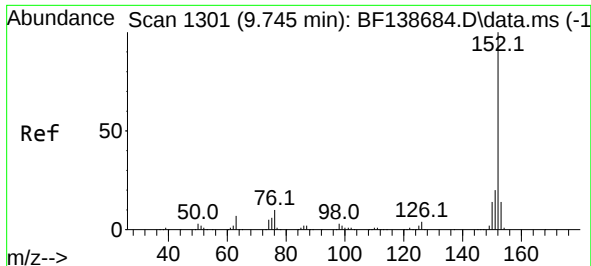
Ion Ratio Lower Upper

65 100

92 64.3 52.0 78.0

138 92.5 76.2 114.4





#49

Acenaphthylene

Concen: 62.661 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

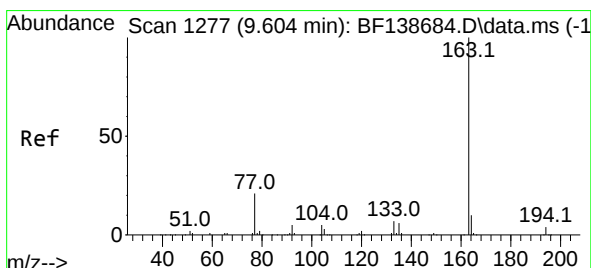
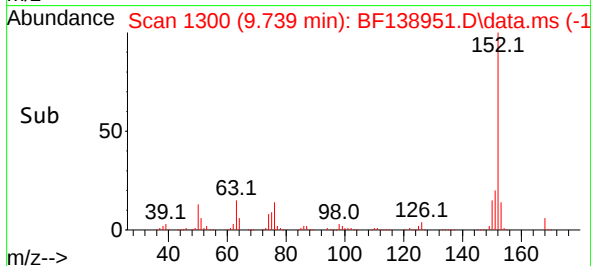
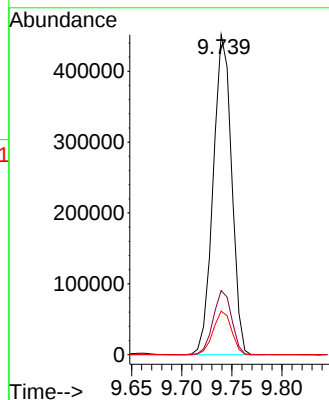
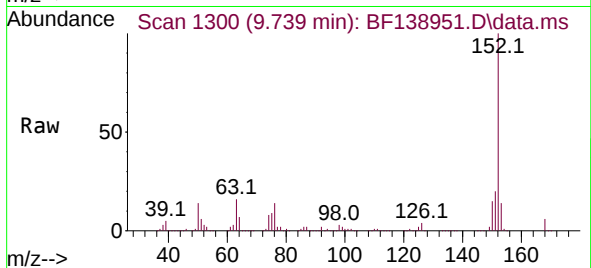
Tgt Ion:152 Resp: 578138

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 67.342 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

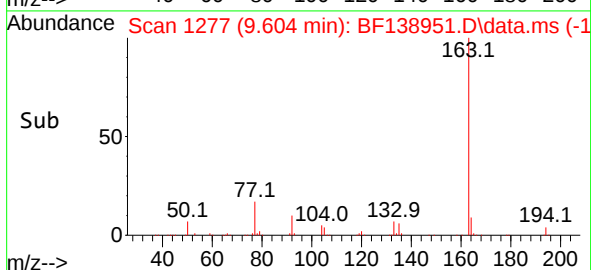
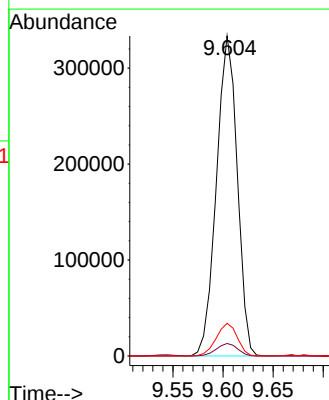
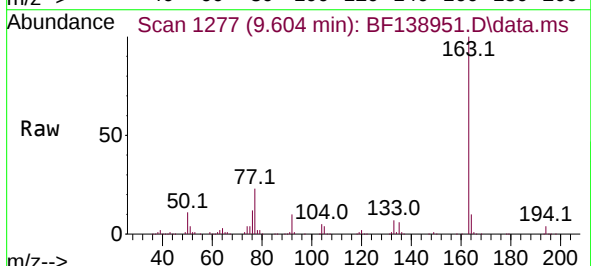
Tgt Ion:163 Resp: 480900

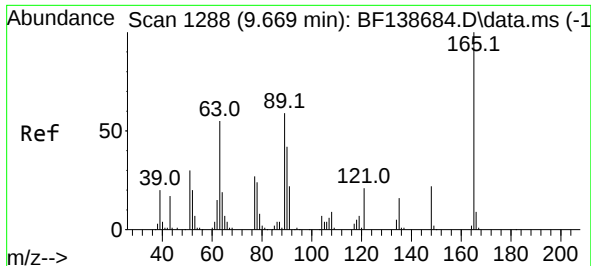
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 60.082 ng

RT: 9.675 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

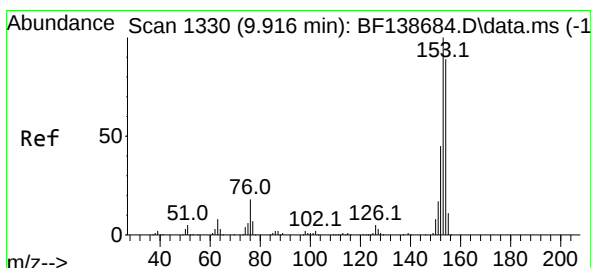
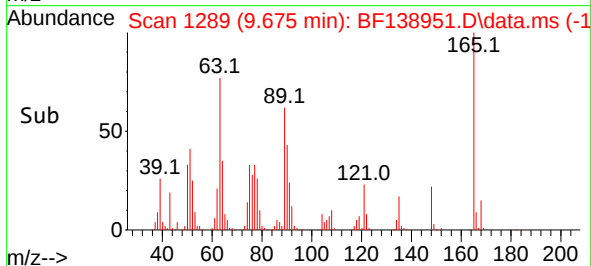
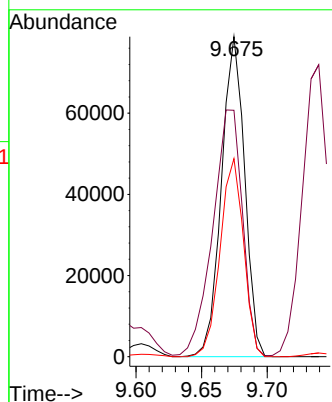
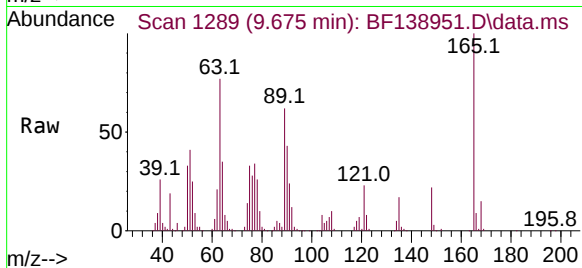
Tgt Ion:165 Resp: 96830

Ion Ratio Lower Upper

165 100

63 77.0 52.0 78.0

89 61.9 47.0 70.6



#52

Acenaphthene

Concen: 57.063 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

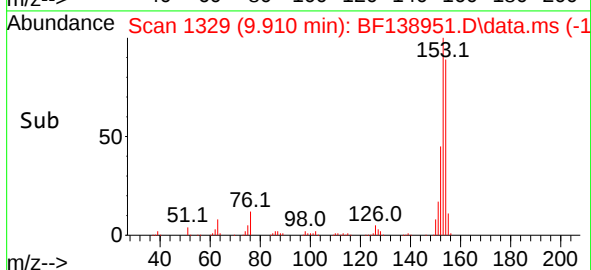
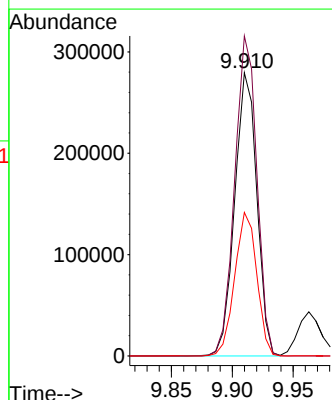
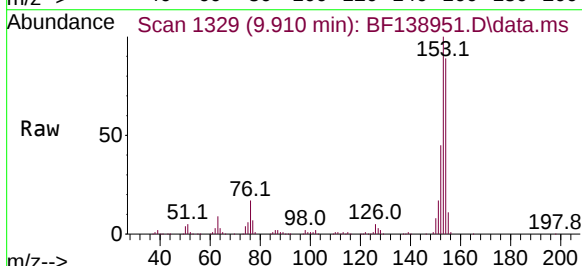
Tgt Ion:154 Resp: 353916

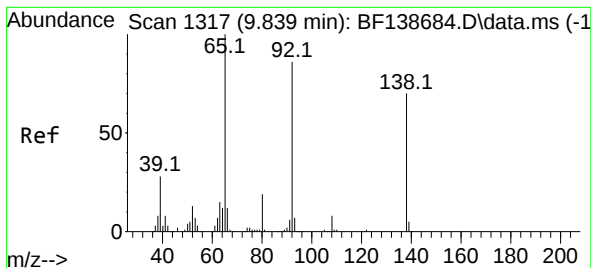
Ion Ratio Lower Upper

154 100

153 113.0 89.9 134.9

152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 28.562 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

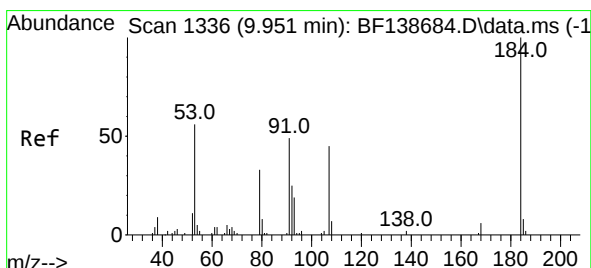
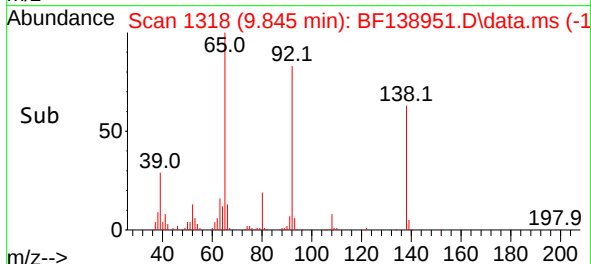
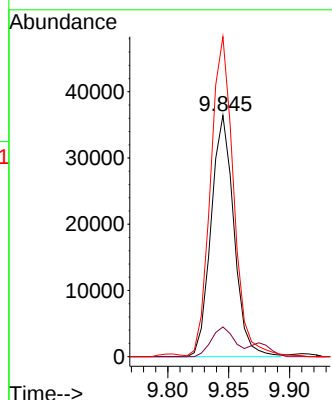
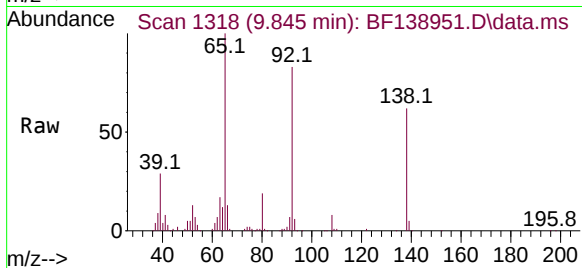
Tgt Ion:138 Resp: 47586

Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

92 132.6 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 117.277 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

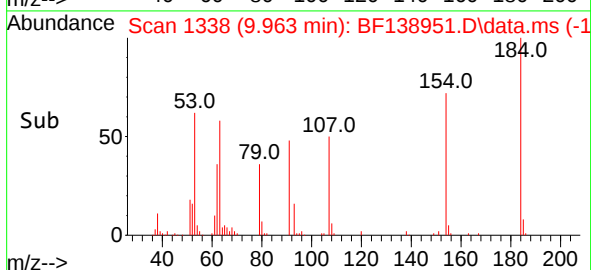
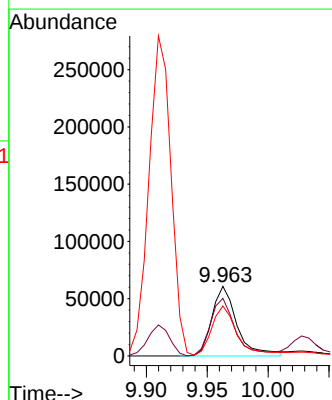
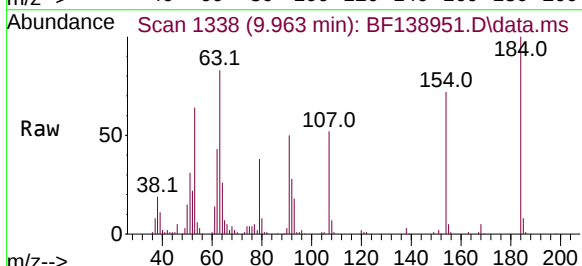
Tgt Ion:184 Resp: 87006

Ion Ratio Lower Upper

184 100

63 82.8 57.5 86.3

154 71.7 51.7 77.5

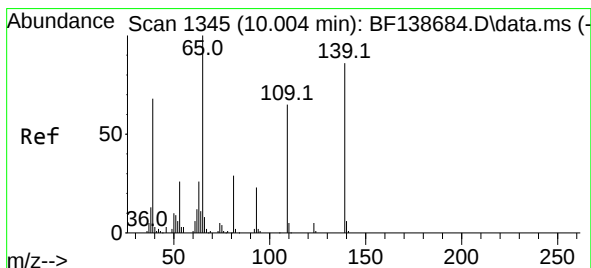
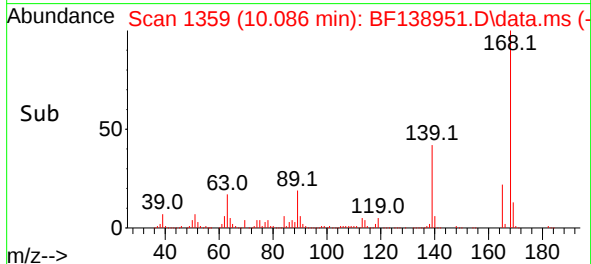
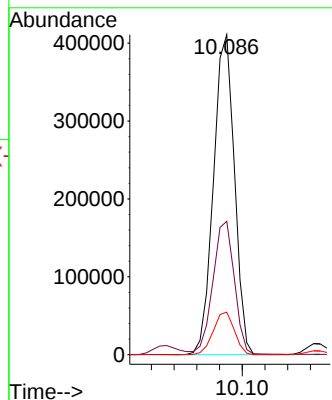
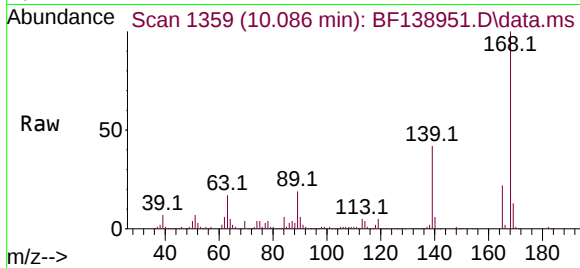




#55
Dibenzofuran
Concen: 60.205 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

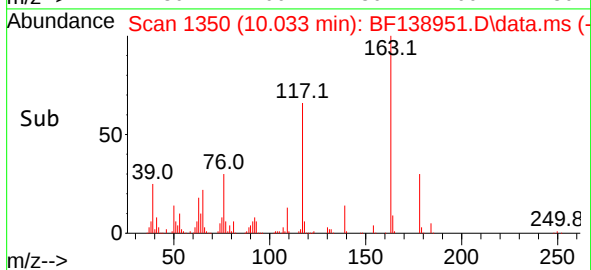
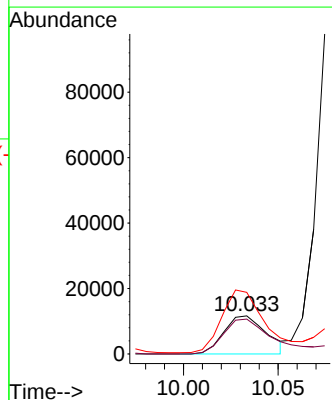
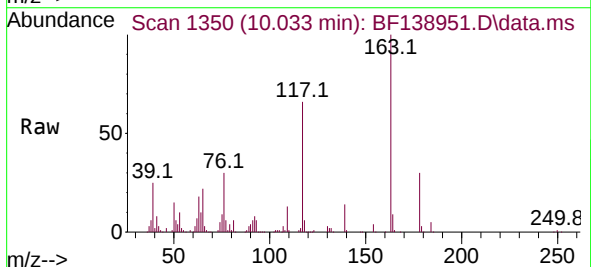
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:168 Resp: 527094
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 18.024 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.029 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:139 Resp: 18058
Ion Ratio Lower Upper
139 100
109 91.4 55.5 95.5
65 161.5 96.7 136.7#

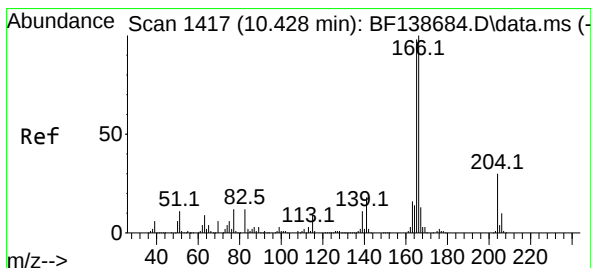
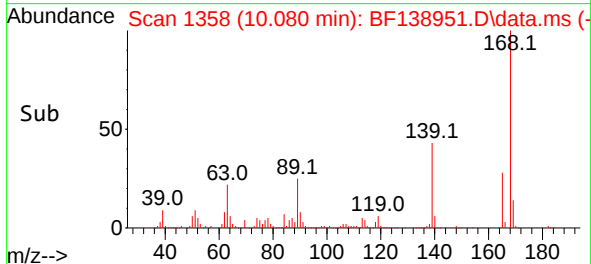
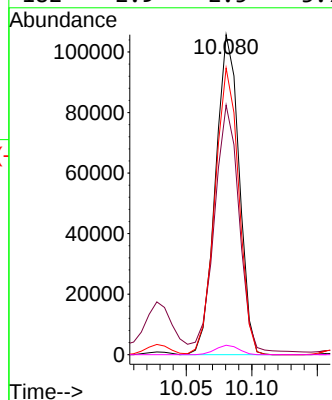
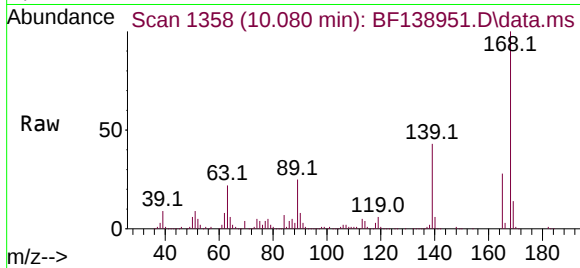




#57
2,4-Dinitrotoluene
Concen: 64.356 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

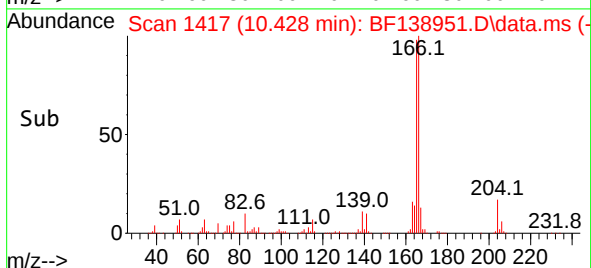
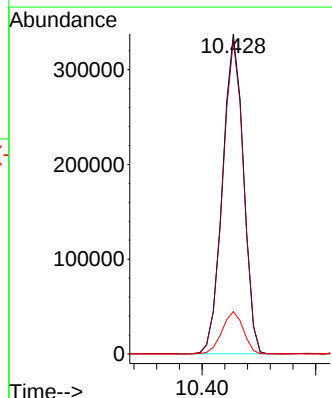
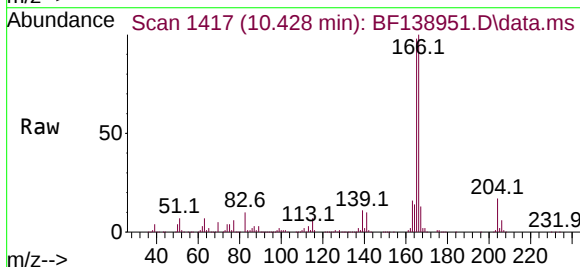
Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:165 Resp: 132327
Ion Ratio Lower Upper
165 100
63 78.0 46.3 69.5#
89 89.6 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 61.811 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

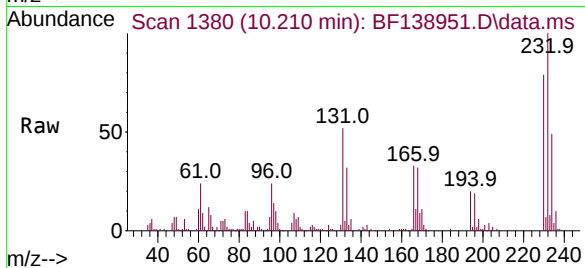
Tgt Ion:166 Resp: 430943
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.3 10.6 16.0



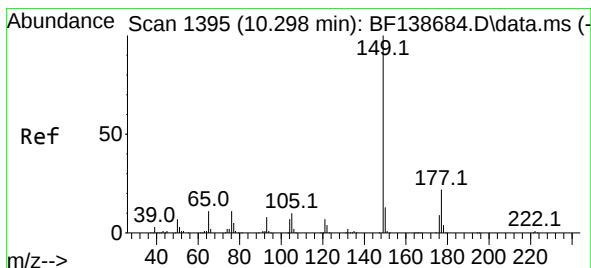
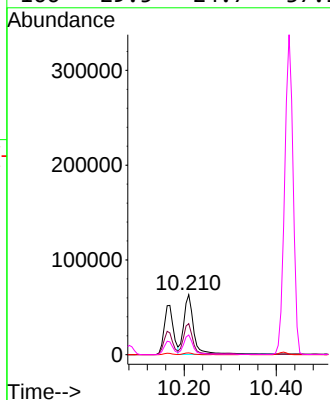
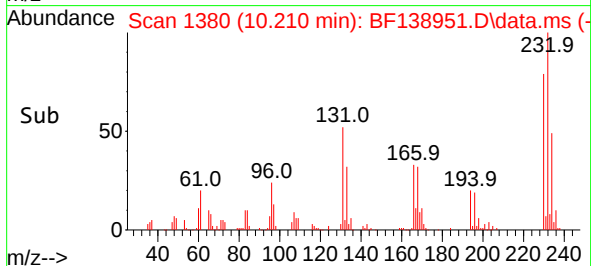


#59
2,3,4,6-Tetrachlorophenol
Concen: 59.244 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

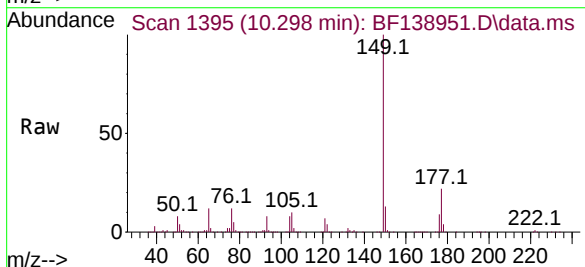
Instrument :
BNA_F
ClientSampleId :
TS04MSD



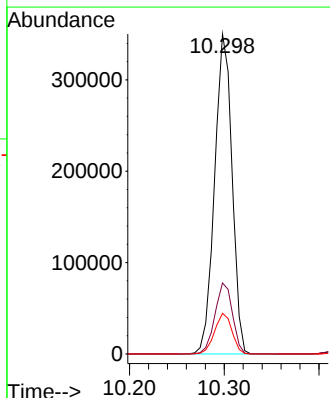
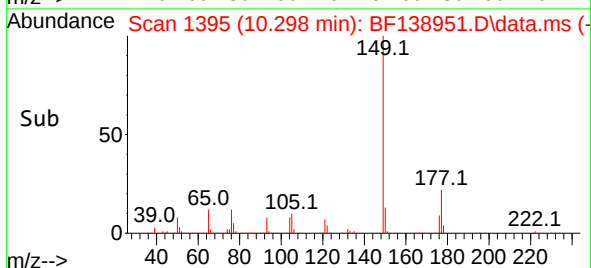
Tgt Ion:232 Resp: 93662
Ion Ratio Lower Upper
232 100
131 48.9 37.0 55.4
130 2.7 2.0 3.0
166 29.5 24.7 37.1

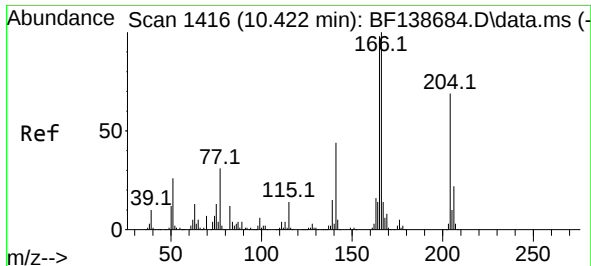


#60
Diethylphthalate
Concen: 66.121 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:149 Resp: 447710
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.7 10.1 15.1

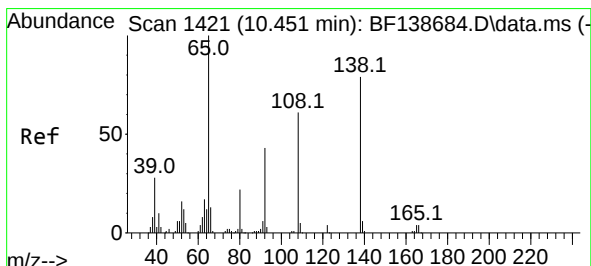
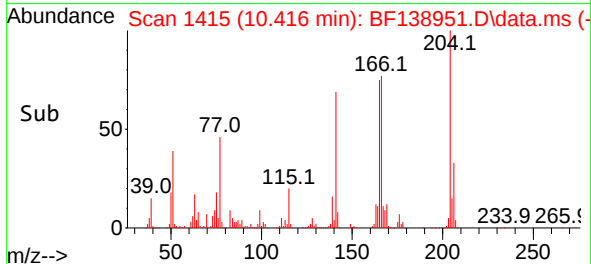
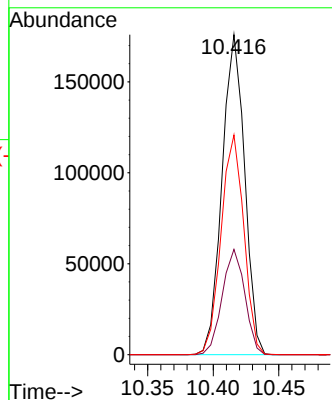
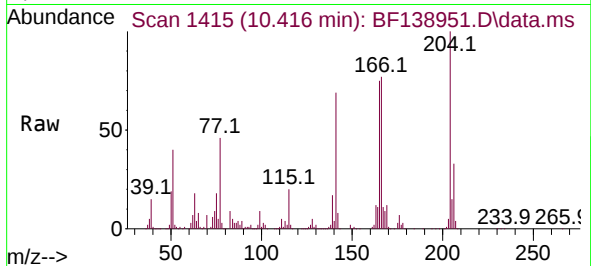




#61
4-Chlorophenyl-phenylether
Concen: 61.316 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

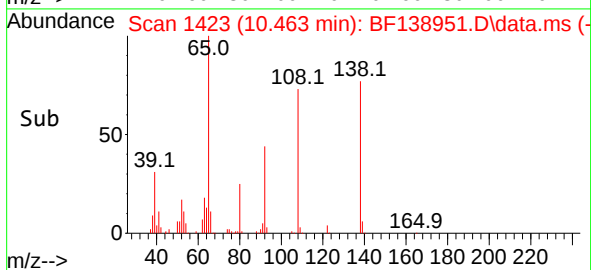
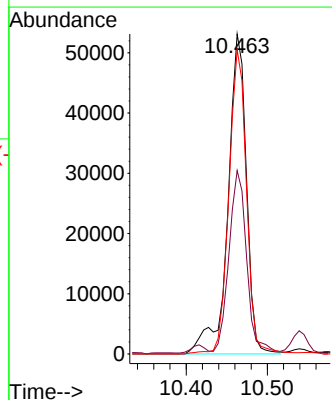
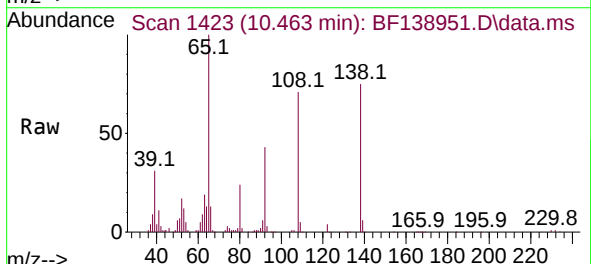
Instrument :
BNA_F
ClientSampleId :
TS04MSD

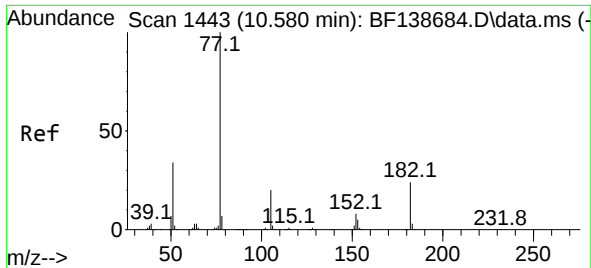
Tgt Ion:204 Resp: 210248
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 68.7 51.4 77.0



#62
4-Nitroaniline
Concen: 53.318 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:138 Resp: 84418
Ion Ratio Lower Upper
138 100
92 57.3 34.2 74.2
108 95.1 56.2 96.2

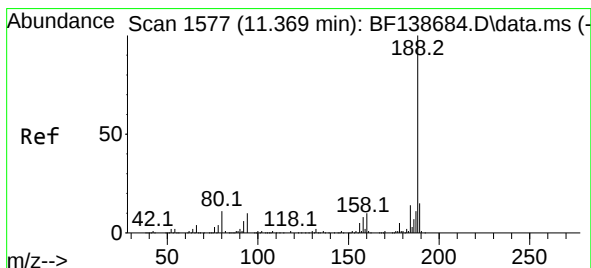
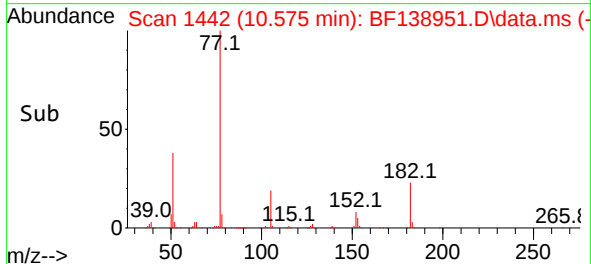
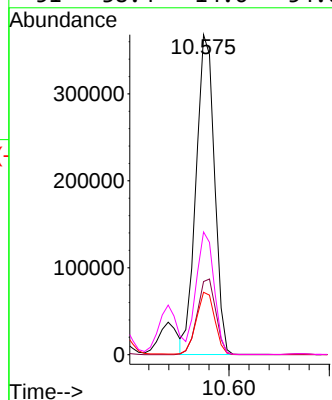
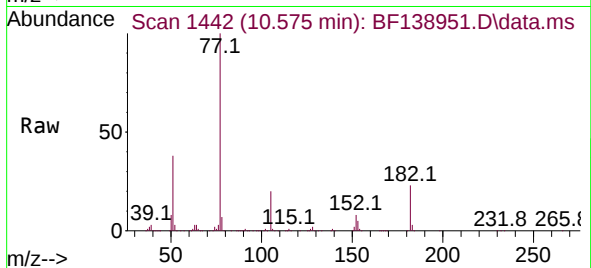




#63
Azobenzene
Concen: 62.616 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

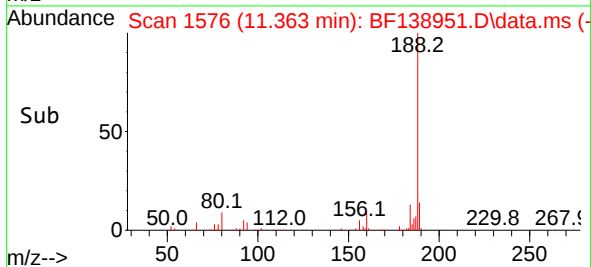
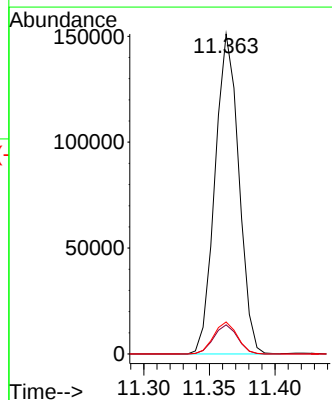
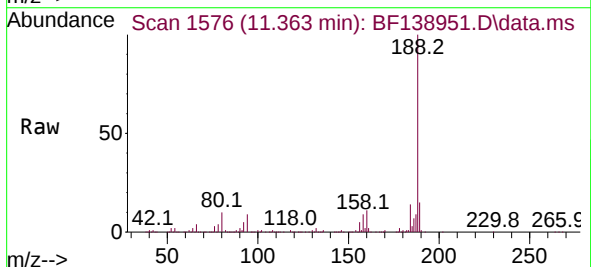
Instrument :
BNA_F
ClientSampleId :
TS04MSD

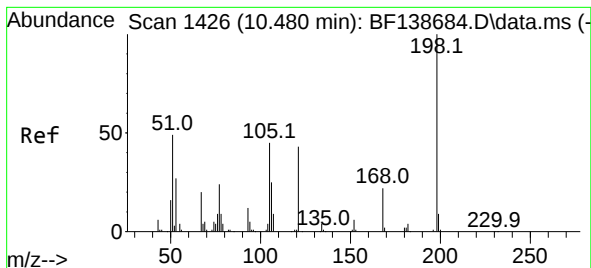
Tgt Ion: 77	Resp: 470233
Ion Ratio	Lower Upper
77 100	
182 22.8	3.4 43.4
105 19.5	0.2 40.2
51 38.4	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:188	Resp: 190822
Ion Ratio	Lower Upper
188 100	
94 9.1	7.6 11.4
80 10.0	8.6 12.8

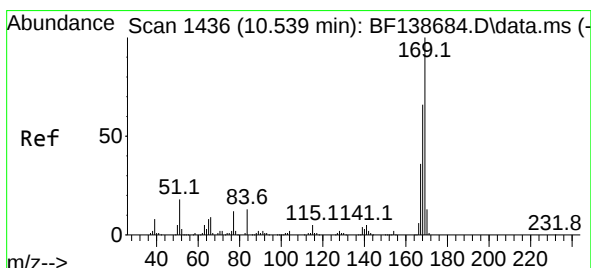
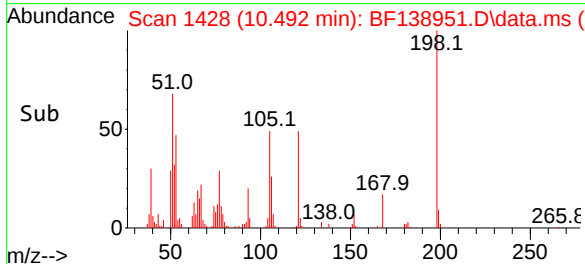
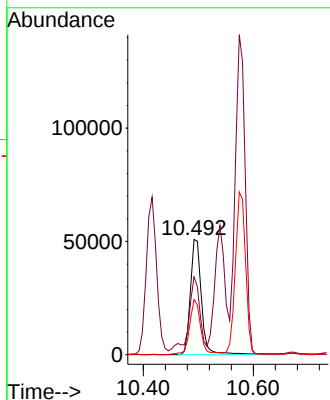
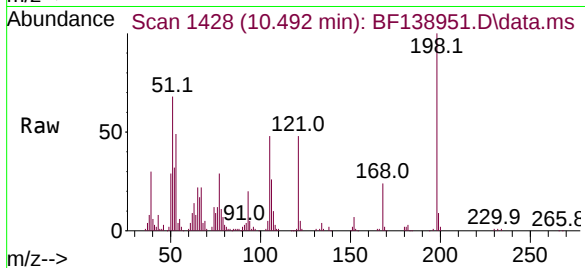




#65
4,6-Dinitro-2-methylphenol
Concen: 61.516 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

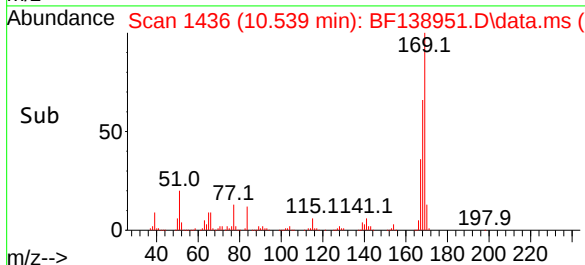
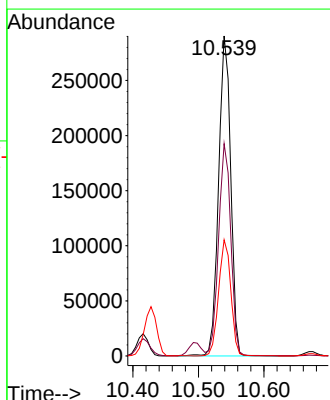
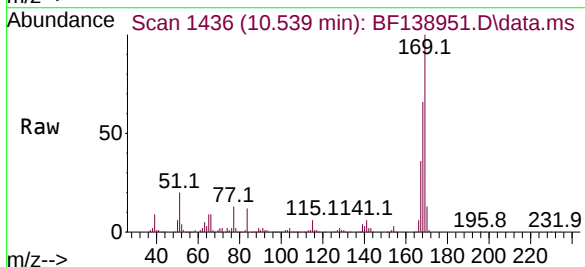
Instrument :
BNA_F
ClientSampleId :
TS04MSD

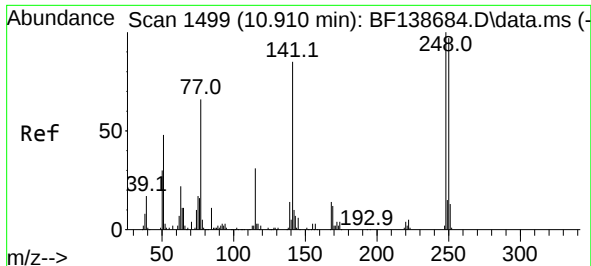
Tgt Ion:198 Resp: 71616
Ion Ratio Lower Upper
198 100
51 67.5 39.9 79.9
105 47.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 62.139 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:169 Resp: 370642
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.3 29.0 43.6

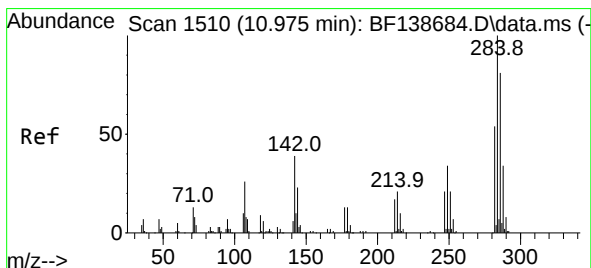
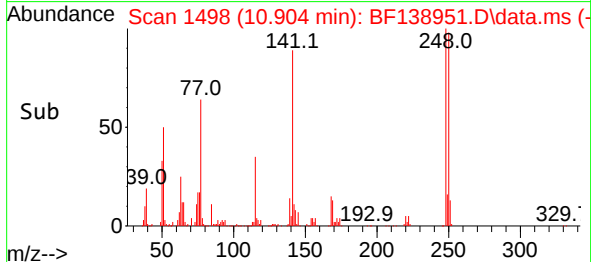
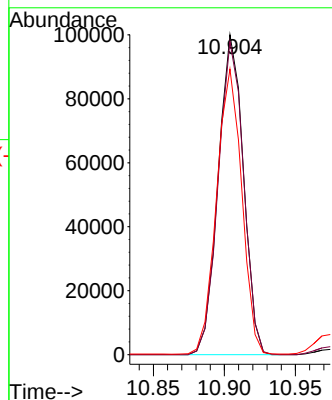
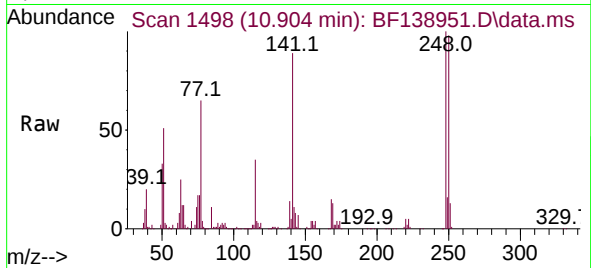




#67
4-Bromophenyl-phenylether
Concen: 59.595 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

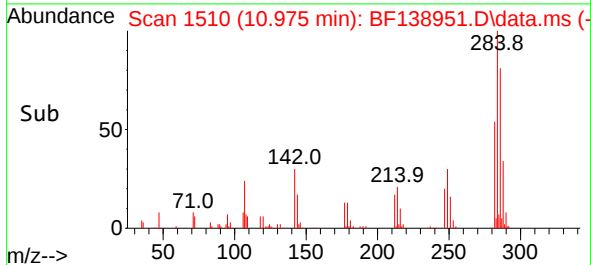
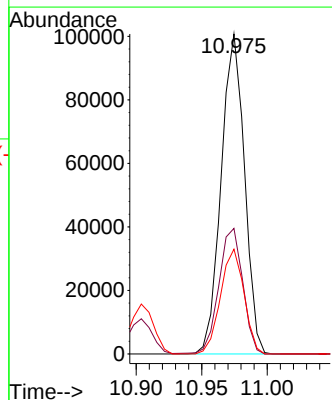
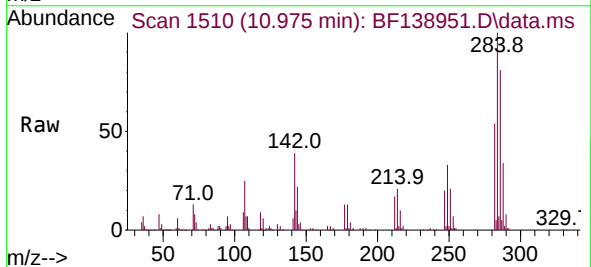
Instrument :
BNA_F
ClientSampleId :
TS04MSD

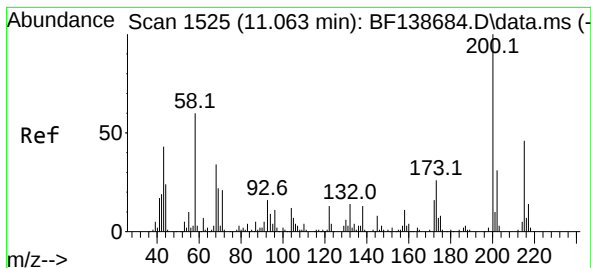
Tgt Ion:248 Resp: 123123
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 89.2 68.0 102.0



#68
Hexachlorobenzene
Concen: 58.369 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:284 Resp: 124511
Ion Ratio Lower Upper
284 100
142 39.2 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 69.137 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

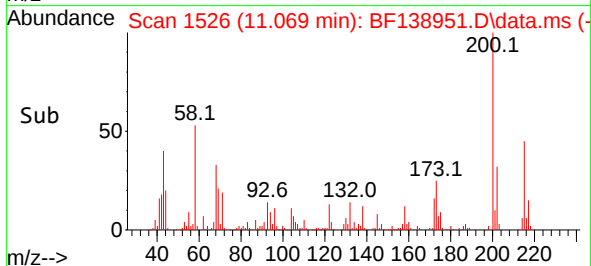
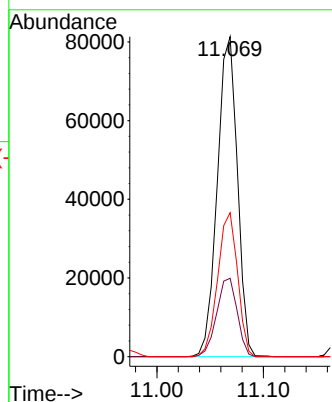
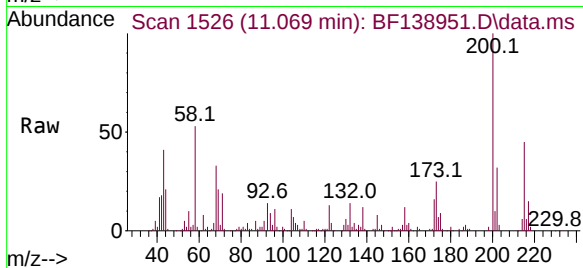
Tgt Ion:200 Resp: 106395

Ion Ratio Lower Upper

200 100

173 24.5 6.0 46.0

215 45.0 26.1 66.1



#70

Pentachlorophenol

Concen: 83.546 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

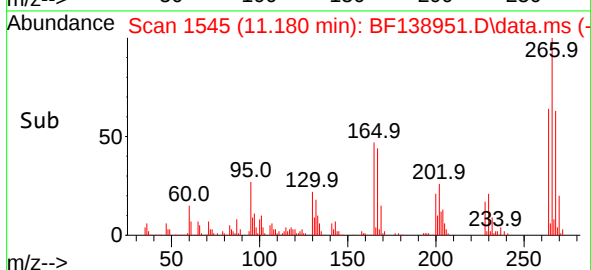
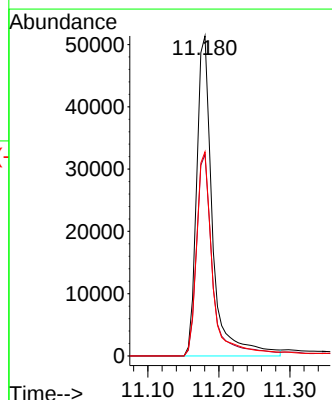
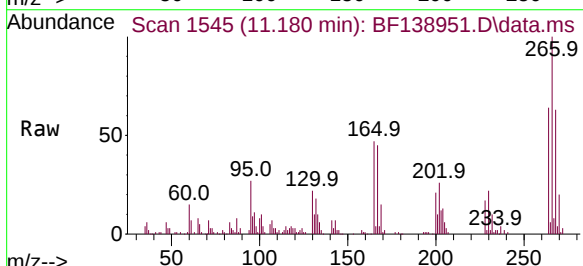
Tgt Ion:266 Resp: 80330

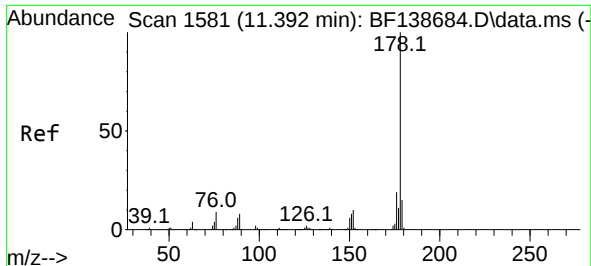
Ion Ratio Lower Upper

266 100

268 63.0 49.2 73.8

264 63.8 49.8 74.6

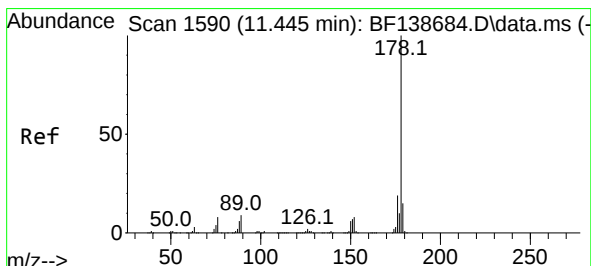
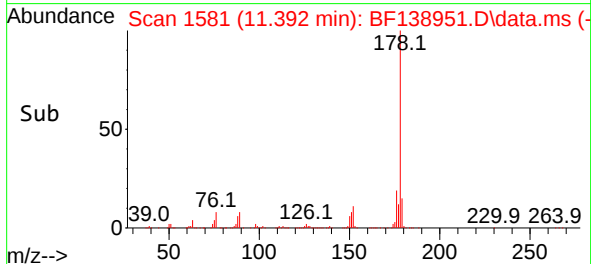
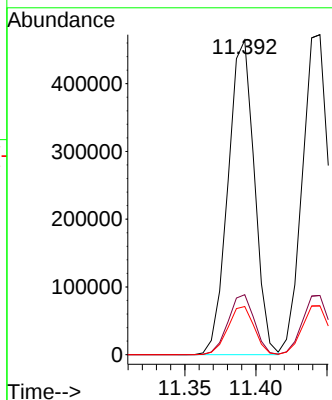
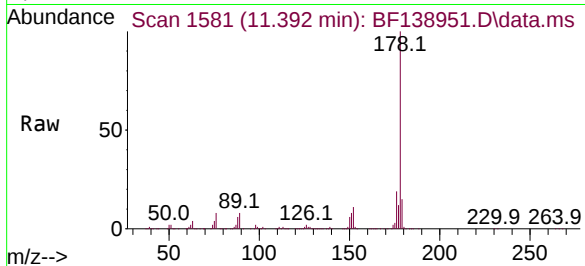




#71
Phenanthrene
Concen: 60.983 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

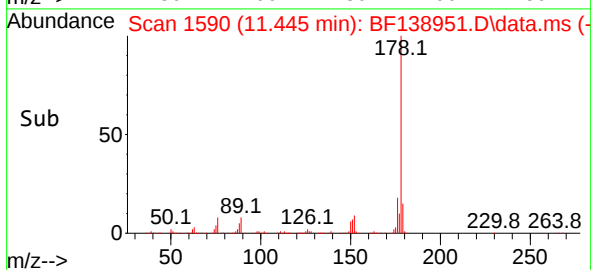
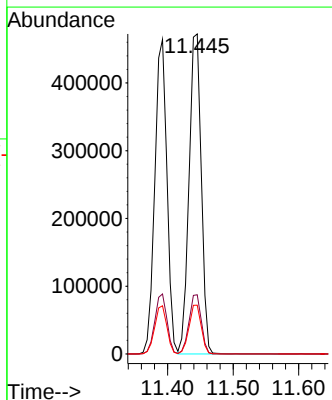
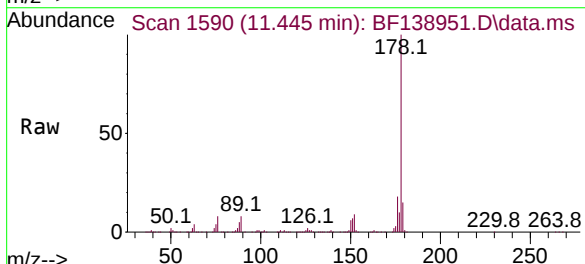
Instrument :
BNA_F
ClientSampleId :
TS04MSD

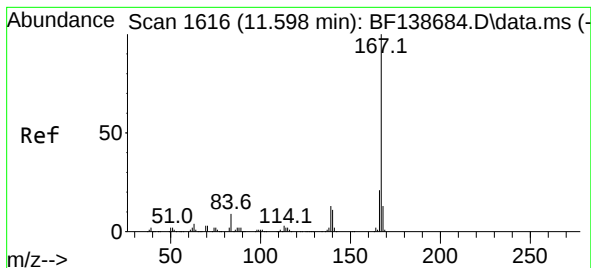
Tgt Ion:178 Resp: 599208
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 63.106 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:178 Resp: 610848
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 58.884 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

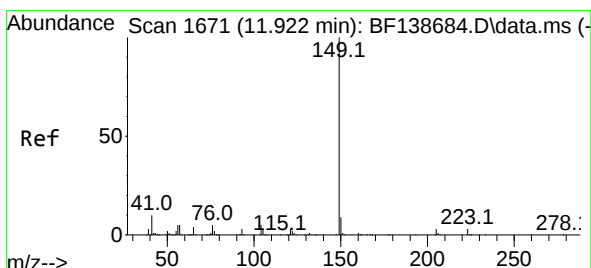
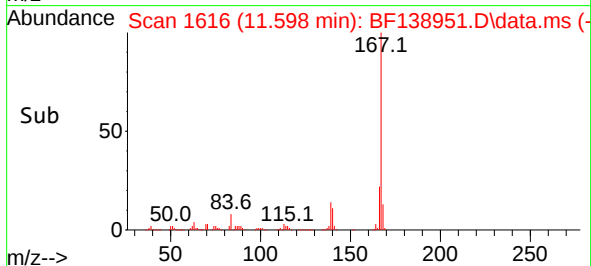
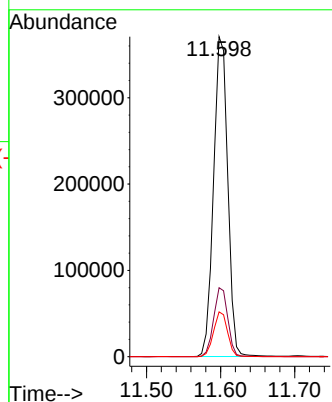
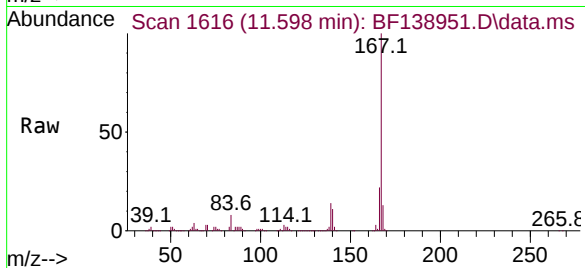
Tgt Ion:167 Resp: 491750

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 70.692 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

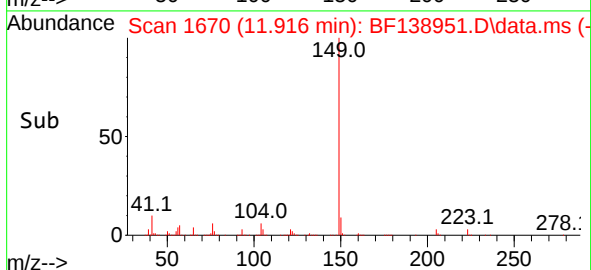
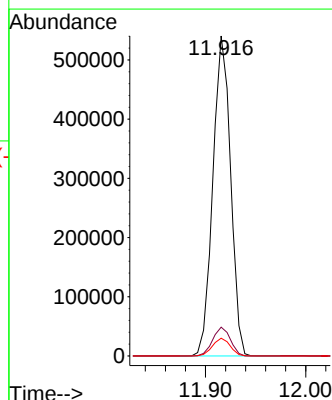
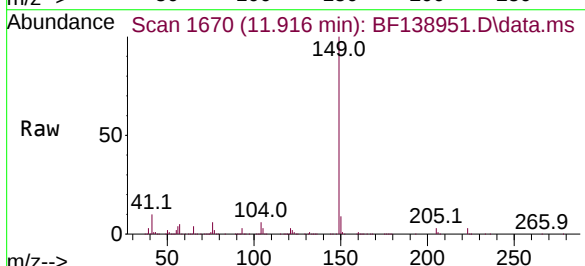
Tgt Ion:149 Resp: 663660

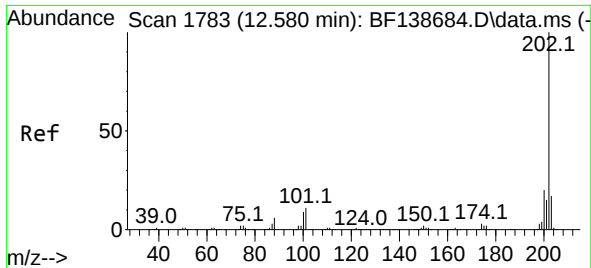
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.6 4.1 6.1

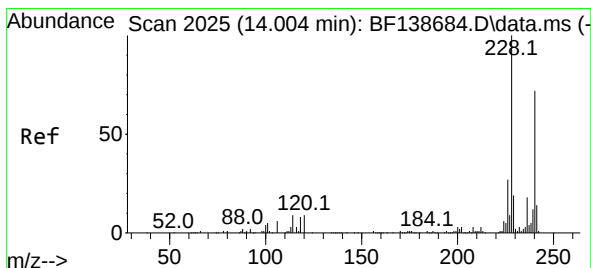
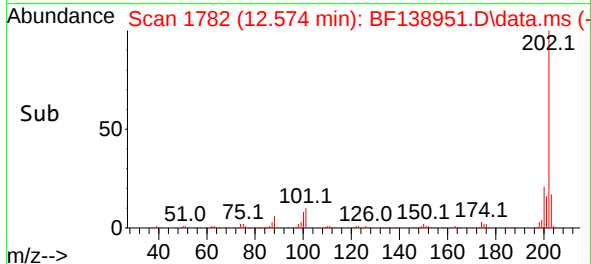
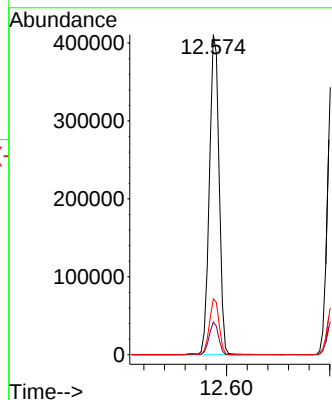
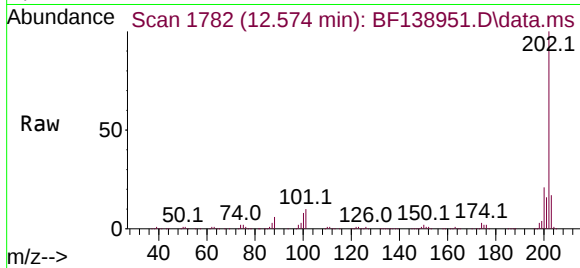




#75
Fluoranthene
Concen: 58.281 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

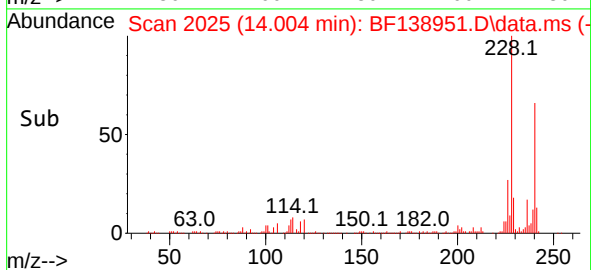
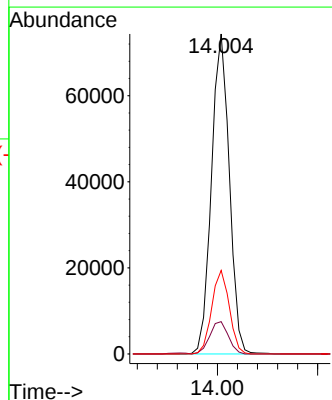
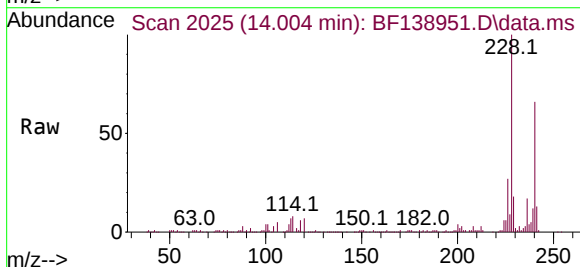
Instrument :
BNA_F
ClientSampleId :
TS04MSD

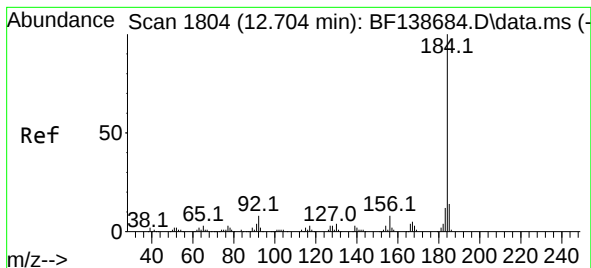
Tgt Ion:202 Resp: 534614
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:240 Resp: 91973
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 26.1 19.8 29.8





#77

Benzidine

Concen: 5.611 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

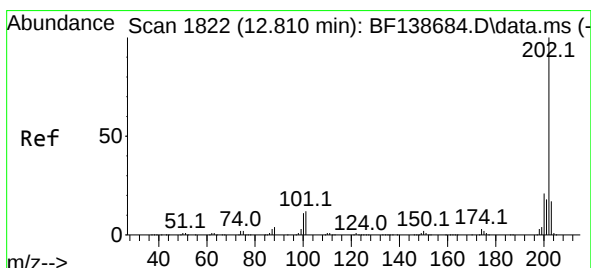
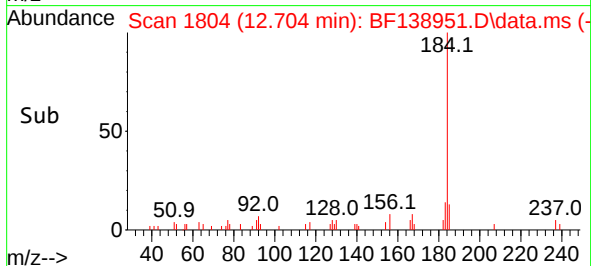
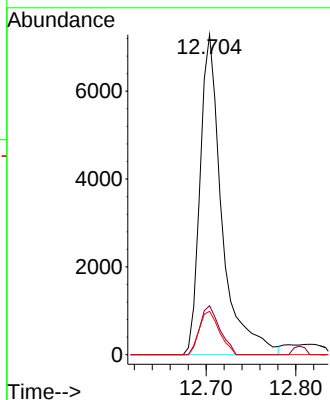
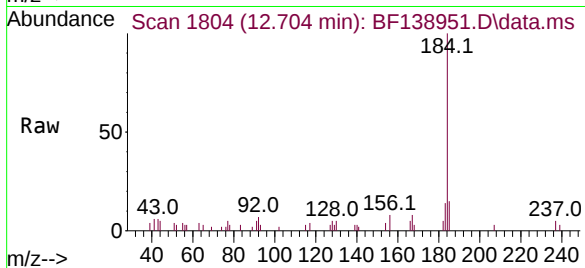
Tgt Ion:184 Resp: 12343

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

183 13.5 9.6 14.4



#78

Pyrene

Concen: 60.623 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

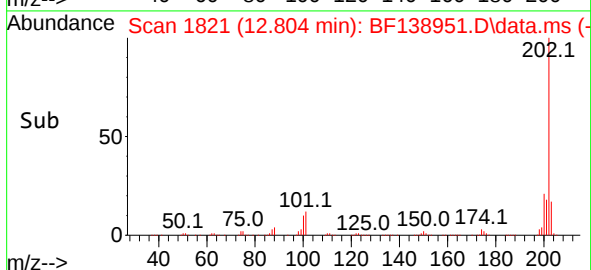
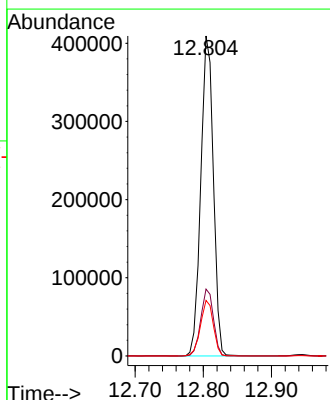
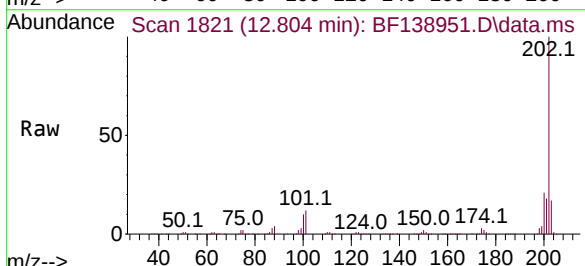
Tgt Ion:202 Resp: 524964

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

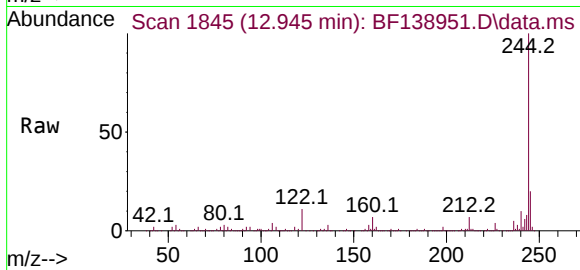
203 17.4 13.8 20.6



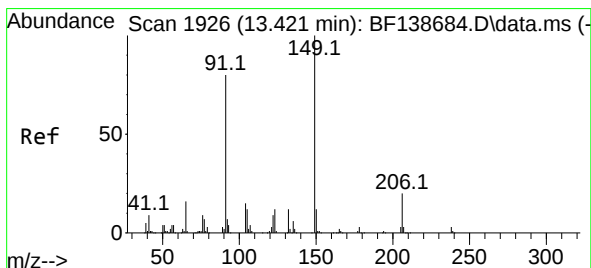
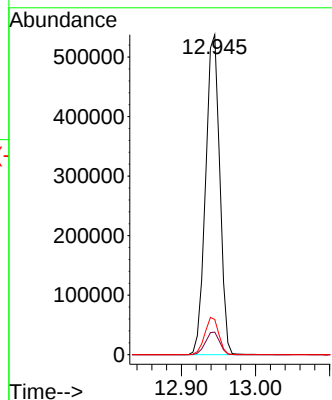
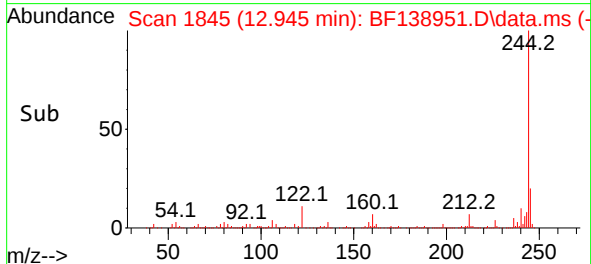


#79
 Terphenyl-d14
 Concen: 129.742 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

Instrument :
 BNA_F
 ClientSampleId :
 TS04MSD

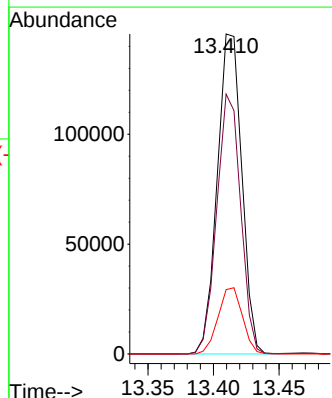
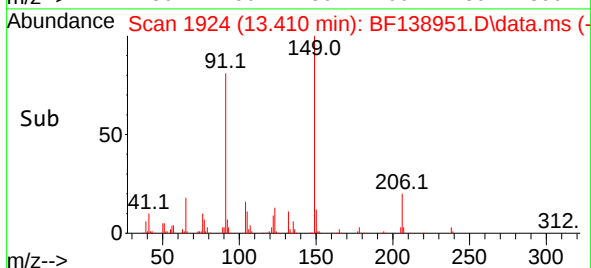
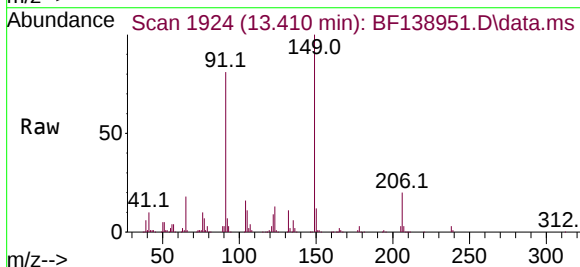


Tgt Ion:244 Resp: 712715
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.0 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 68.420 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

Tgt Ion:149 Resp: 189731
 Ion Ratio Lower Upper
 149 100
 91 81.2 63.7 95.5
 206 20.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 60.011 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

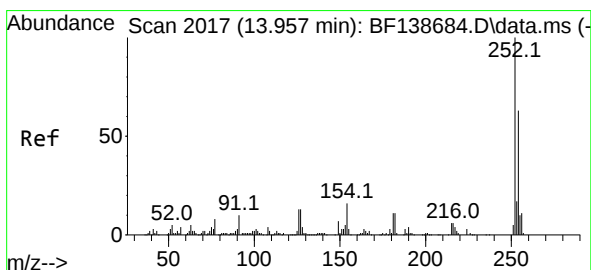
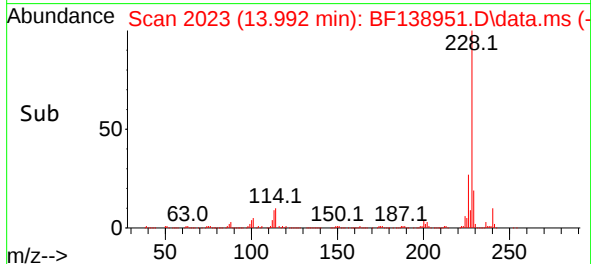
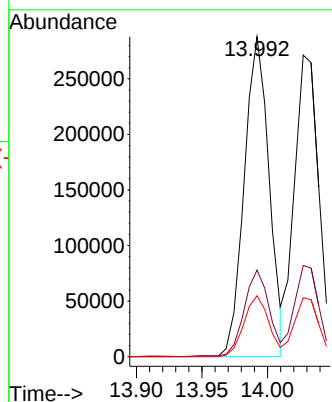
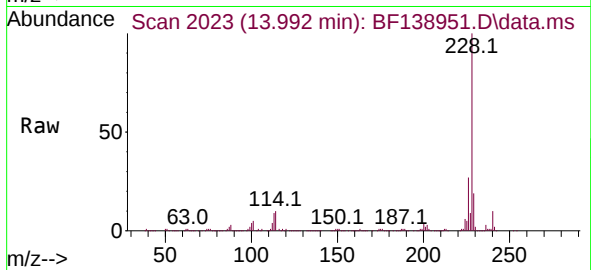
Tgt Ion:228 Resp: 380076

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.0 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 44.617 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

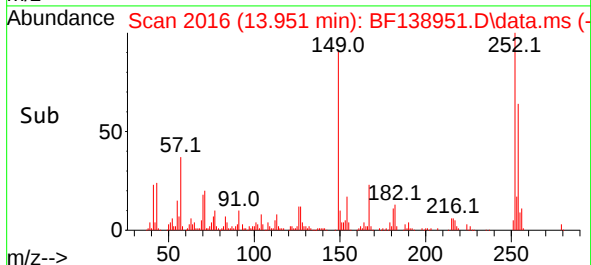
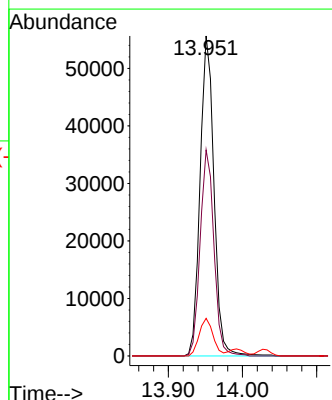
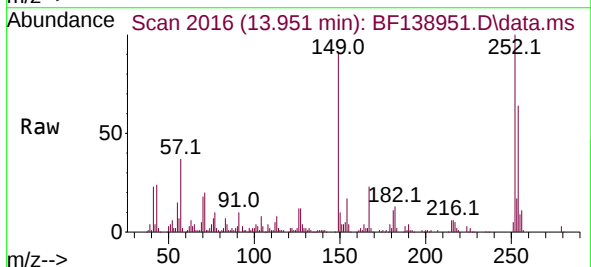
Tgt Ion:252 Resp: 72314

Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 11.8 10.2 15.2





#83

Chrysene

Concen: 61.198 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

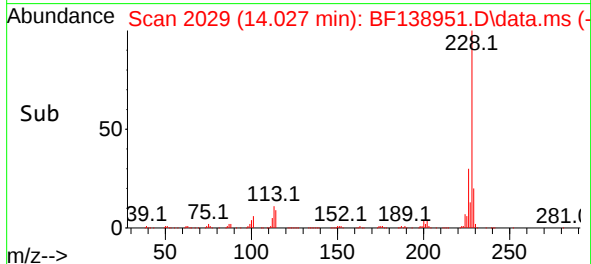
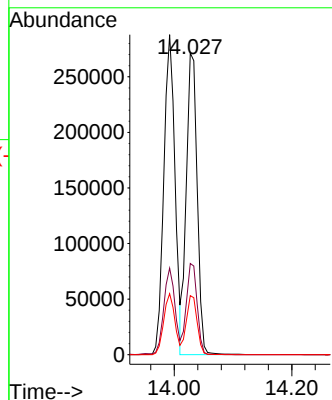
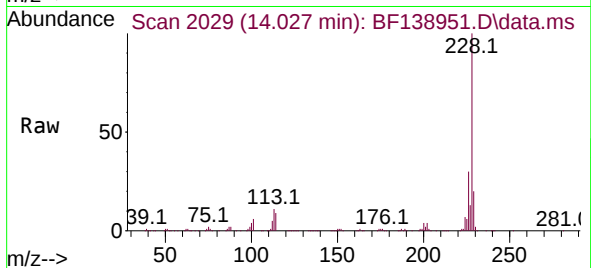
Tgt Ion:228 Resp: 349687

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.757 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

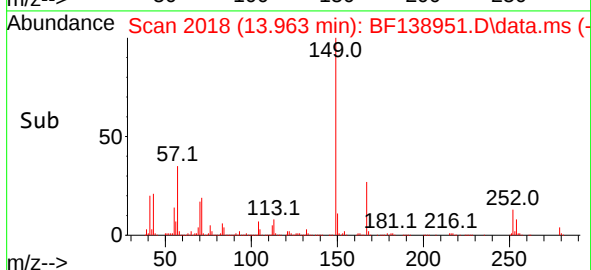
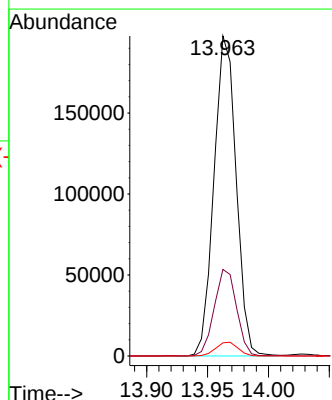
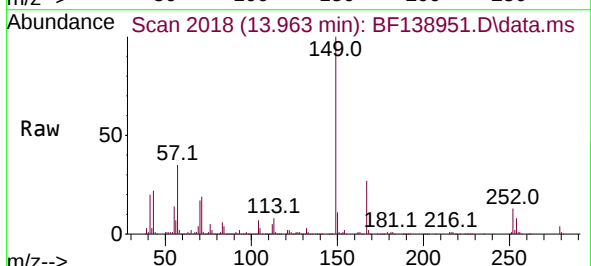
Tgt Ion:149 Resp: 250774

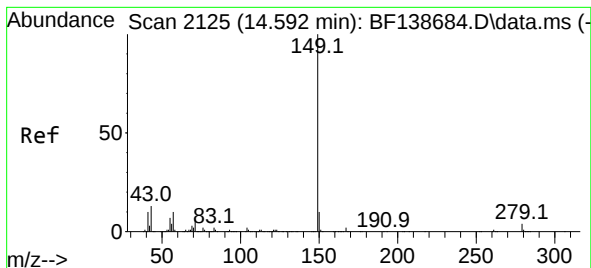
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 53.358 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

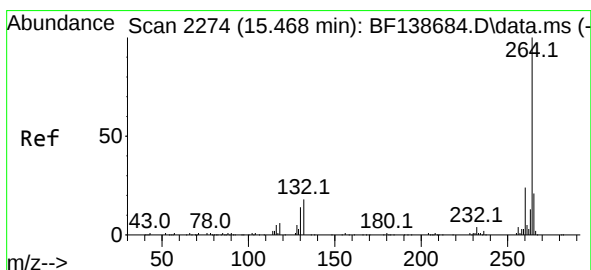
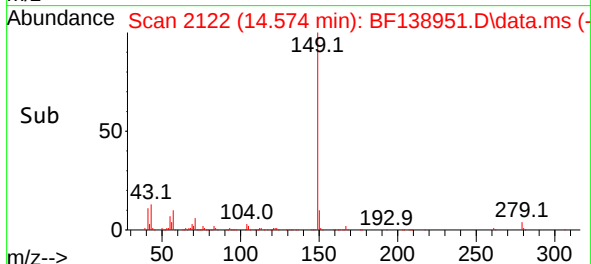
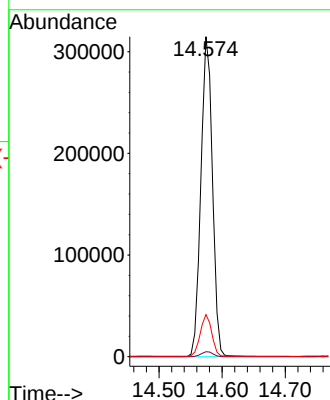
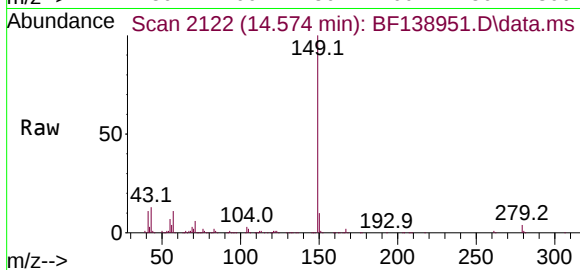
Tgt Ion:149 Resp: 400870

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.8 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

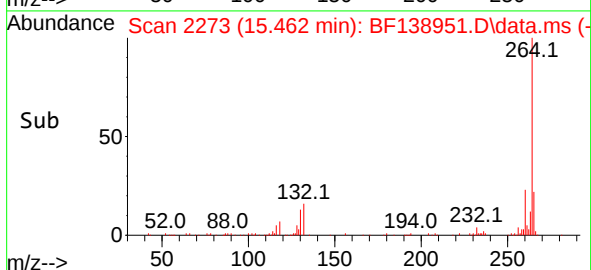
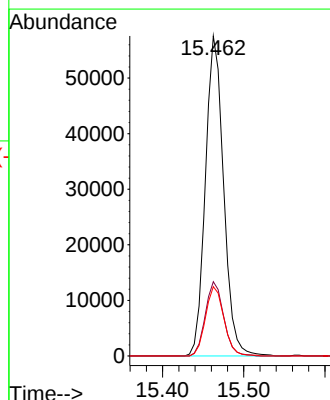
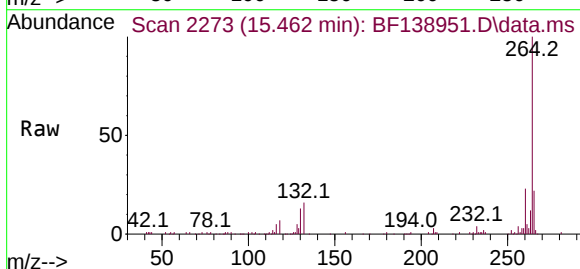
Tgt Ion:264 Resp: 89724

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.678 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

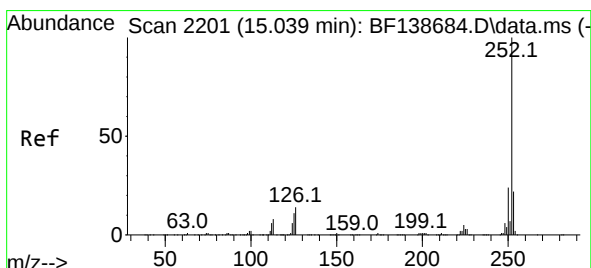
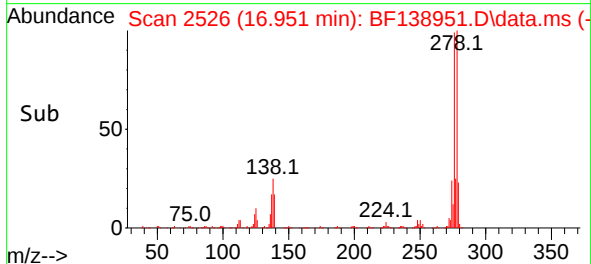
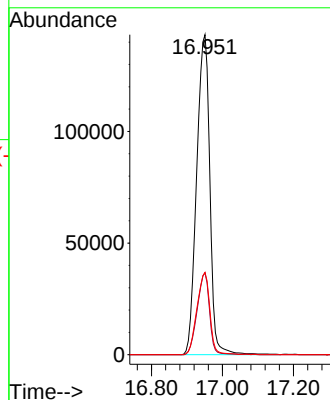
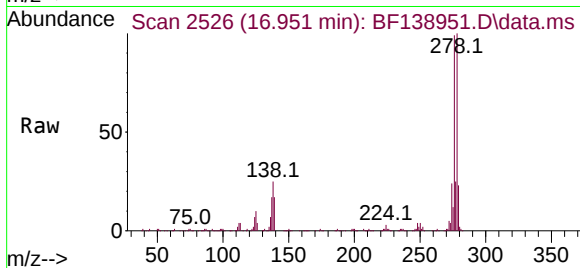
Tgt Ion:276 Resp: 370866

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.1 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 57.150 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

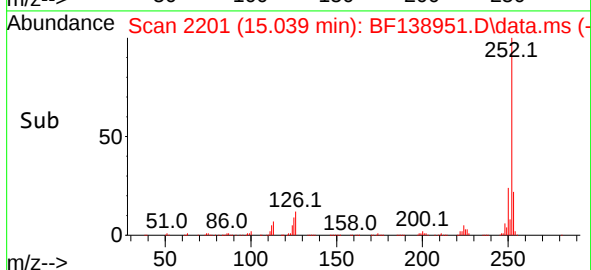
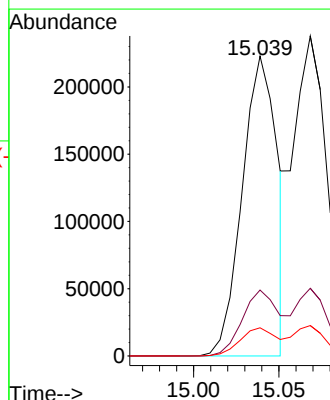
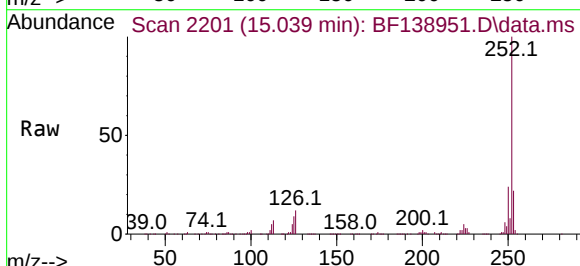
Tgt Ion:252 Resp: 317870

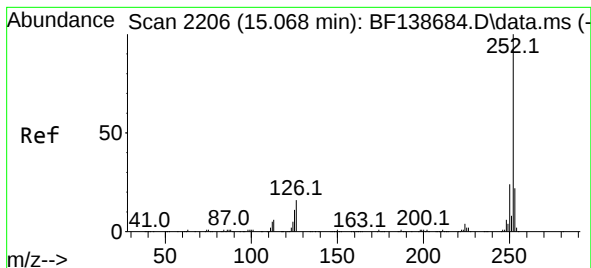
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 57.984 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

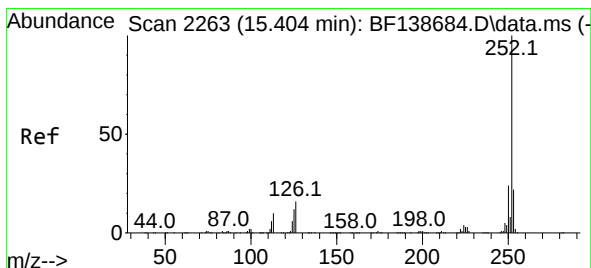
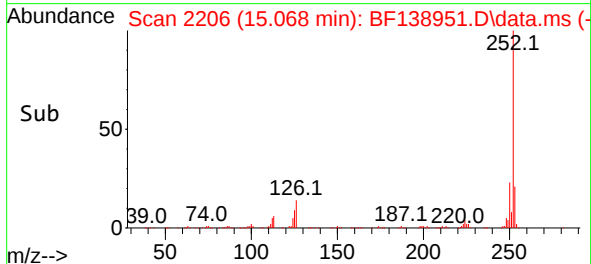
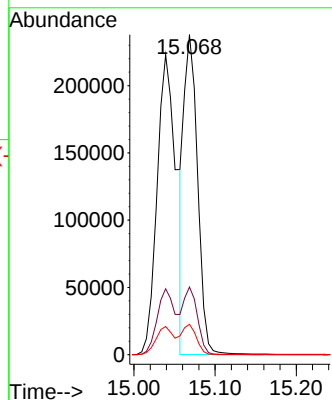
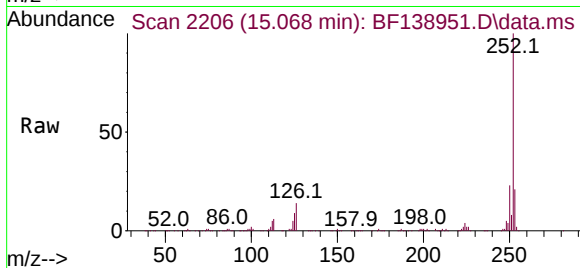
Tgt Ion:252 Resp: 279230

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 63.981 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

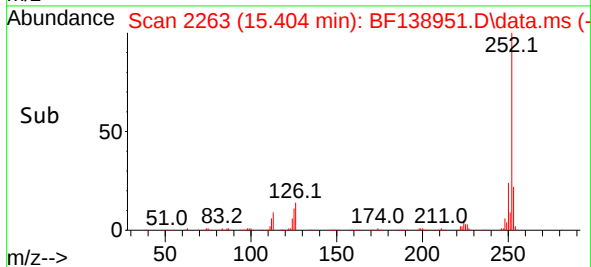
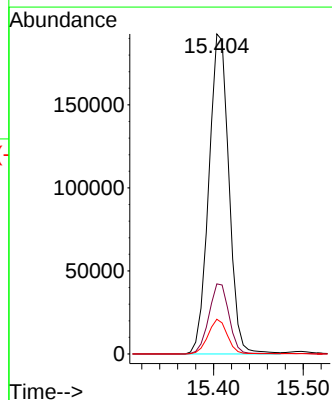
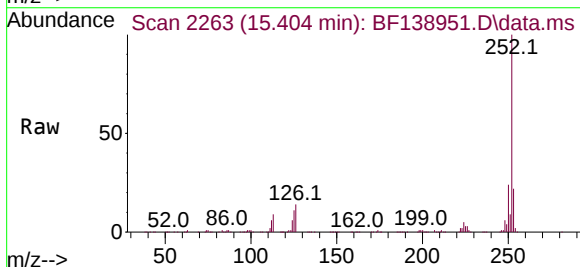
Tgt Ion:252 Resp: 299330

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.8 9.5 14.3

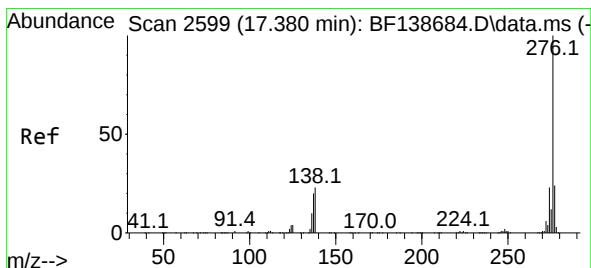
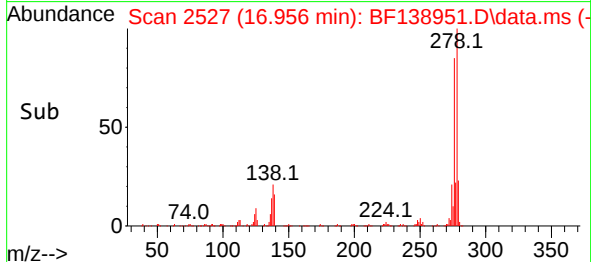
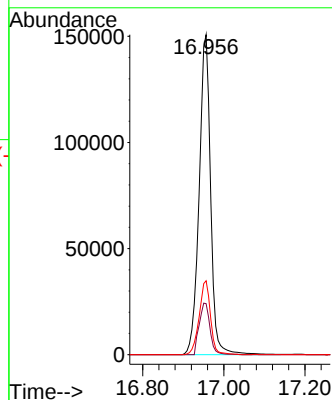
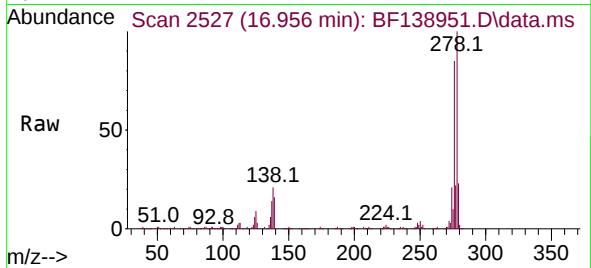




#91
Dibenzo(a,h)anthracene
Concen: 56.322 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:278 Resp: 297279
Ion Ratio Lower Upper
278 100
139 16.0 14.0 21.0
279 23.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.197 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:276 Resp: 274937
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.3 18.5 27.7

