

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139978.D
 Acq On : 23 Oct 2024 21:49
 Operator : RC/JU
 Sample : P4397-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMSD

Quant Time: Oct 24 01:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145043	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	544717	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	274724	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	399778	20.000	ng	0.00
76) Chrysene-d12	14.057	240	304493	20.000	ng	0.00
86) Perylene-d12	15.533	264	305520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1074370	115.960	ng	0.02
7) Phenol-d6	6.516	99	1355344	112.948	ng	0.00
23) Nitrobenzene-d5	7.451	82	862260	87.733	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	295680	115.065	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1442846	86.799	ng	0.00
79) Terphenyl-d14	12.998	244	1171336	62.684	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	204291	47.292	ng	94
3) Pyridine	3.522	79	503947	47.065	ng	95
4) n-Nitrosodimethylamine	3.475	42	271640	47.218	ng	95
6) Aniline	6.551	93	362373	32.402	ng	98
8) 2-Chlorophenol	6.675	128	491736	51.916	ng	97
9) Benzaldehyde	6.440	77	128567	19.046	ng	96
10) Phenol	6.528	94	620986	50.196	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	482062	50.415	ng	99
12) 1,3-Dichlorobenzene	6.834	146	532430	48.970	ng	98
13) 1,4-Dichlorobenzene	6.910	146	542367	49.930	ng	98
14) 1,2-Dichlorobenzene	7.063	146	515493	50.848	ng	98
15) Benzyl Alcohol	7.028	79	444990	50.554	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	792774	48.623	ng	97
17) 2-Methylphenol	7.140	107	403735	49.989	ng	99
18) Hexachloroethane	7.404	117	191365	49.403	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	352876	48.487	ng	95
20) 3+4-Methylphenols	7.287	107	493800	47.801	ng	94
22) Acetophenone	7.298	105	664685	49.819	ng	98
24) Nitrobenzene	7.469	77	529532	49.142	ng	99
25) Isophorone	7.710	82	951945	51.032	ng	99
26) 2-Nitrophenol	7.787	139	248802	61.204	ng	96
27) 2,4-Dimethylphenol	7.822	122	396741	58.530	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	568638	50.314	ng	99
29) 2,4-Dichlorophenol	8.028	162	392433	50.828	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	419640	49.120	ng	99
31) Naphthalene	8.192	128	1420023	50.547	ng	99
32) Benzoic acid	7.922	122	255301	43.183	ng	98
33) 4-Chloroaniline	8.239	127	129935	13.564	ng	98
34) Hexachlorobutadiene	8.310	225	274022	51.049	ng	99
35) Caprolactam	8.610	113	123215	50.190	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	409463	47.895	ng	98
37) 2-Methylnaphthalene	8.886	142	876472	50.942	ng	100
38) 1-Methylnaphthalene	8.986	142	813674	48.202	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	409887	55.303	ng	99
41) Hexachlorocyclopentadiene	9.039	237	198824	77.097	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	291428	55.538	ng	99

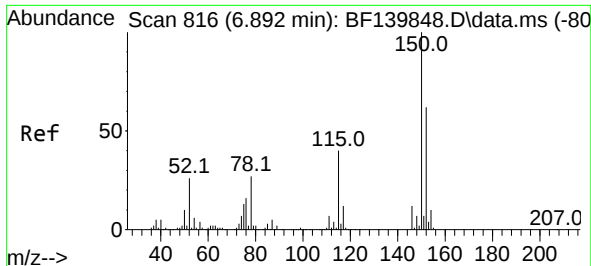
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 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	275272	50.846	ng	99
46) 1,1'-Biphenyl	9.351	154	1003788	52.486	ng	99
47) 2-Chloronaphthalene	9.375	162	779472	50.604	ng	100
48) 2-Nitroaniline	9.469	65	256306	54.406	ng	90
49) Acenaphthylene	9.792	152	1177711	52.886	ng	99
50) Dimethylphthalate	9.651	163	916630	53.567	ng	100
51) 2,6-Dinitrotoluene	9.710	165	192883	52.059	ng	96
52) Acenaphthene	9.963	154	778766	54.060	ng	99
53) 3-Nitroaniline	9.875	138	115993	30.358	ng	96
54) 2,4-Dinitrophenol	9.981	184	103426	68.232	ng	# 1
55) Dibenzofuran	10.133	168	1024790	49.582	ng	99
56) 4-Nitrophenol	10.028	139	281070	95.616	ng	98
57) 2,4-Dinitrotoluene	10.110	165	249070	54.665	ng	97
58) Fluorene	10.475	166	758915	48.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	205763	48.483	ng	96
60) Diethylphthalate	10.351	149	845427	50.319	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	388270	48.840	ng	99
62) 4-Nitroaniline	10.486	138	156078	43.251	ng	97
63) Azobenzene	10.628	77	1004048	56.368	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	83406	51.148	ng	95
66) n-Nitrosodiphenylamine	10.586	169	690371	57.698	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	237973	57.782	ng	96
68) Hexachlorobenzene	11.022	284	246849	53.293	ng	99
69) Atrazine	11.110	200	217789	67.194	ng	99
70) Pentachlorophenol	11.216	266	281865	100.268	ng	99
71) Phenanthrene	11.439	178	1078344	57.104	ng	100
72) Anthracene	11.492	178	1021269	55.429	ng	100
73) Carbazole	11.645	167	855533	49.928	ng	99
74) Di-n-butylphthalate	11.975	149	1121037	56.626	ng	100
75) Fluoranthene	12.627	202	1032153	54.068	ng	99
77) Benzidine	12.745	184	267220	53.370	ng	99
78) Pyrene	12.857	202	1096357	41.134	ng	100
80) Butylbenzylphthalate	13.474	149	451808	56.542	ng	99
81) Benzo(a)anthracene	14.045	228	1061721	53.564	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	245824	42.535	ng	99
83) Chrysene	14.080	228	994000	54.694	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	620274	69.187	ng	99
85) Di-n-octyl phthalate	14.645	149	1132521	69.452	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	699702	35.599	ng	98
88) Benzo(b)fluoranthene	15.098	252	1128273	60.624	ng	99
89) Benzo(k)fluoranthene	15.127	252	879963	54.825	ng	99
90) Benzo(a)pyrene	15.468	252	886606	57.896	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	586803	35.788	ng	99
92) Benzo(g,h,i)perylene	17.474	276	500438	30.555	ng	99

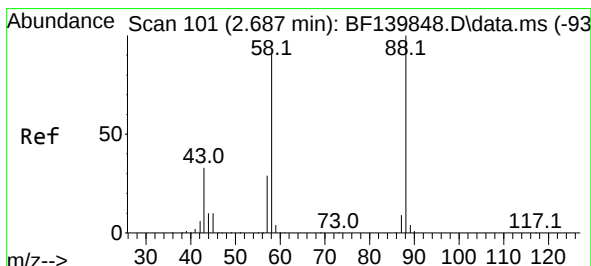
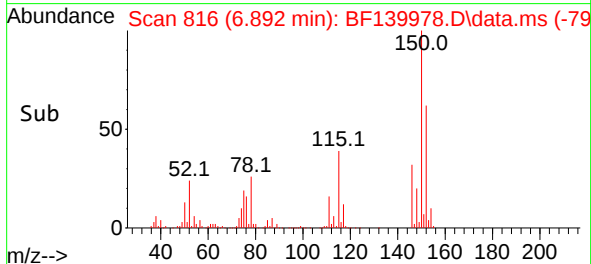
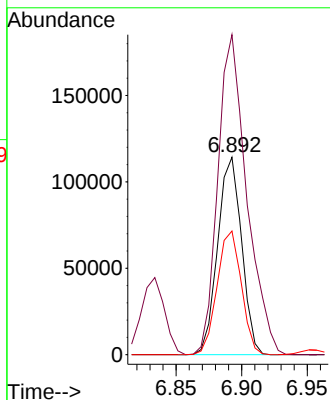
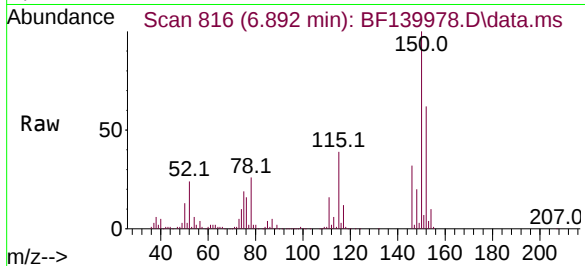
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139978.D
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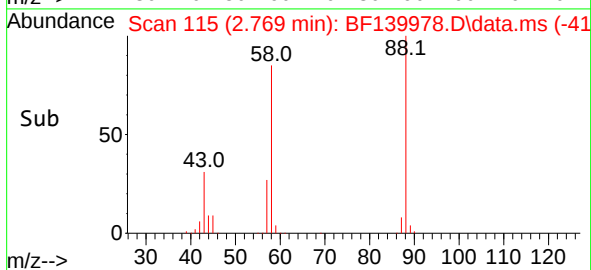
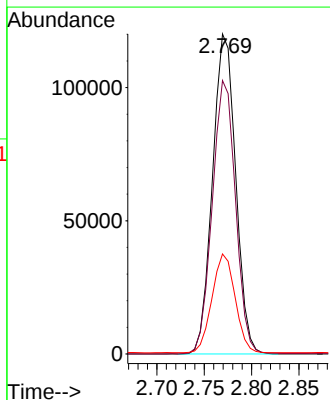
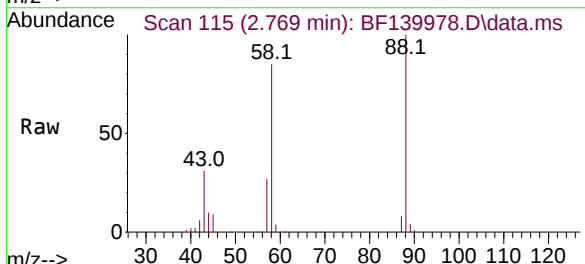
Instrument :
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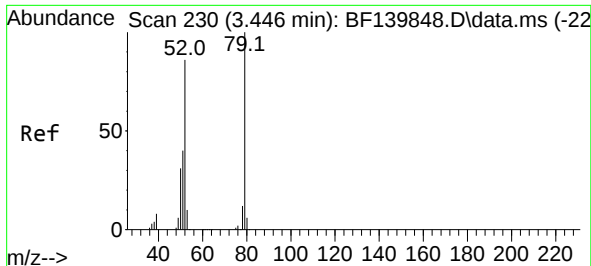
Tgt Ion:152 Resp: 145043
Ion Ratio Lower Upper
152 100
150 162.0 130.2 195.2
115 62.6 51.4 77.2



#2
1,4-Dioxane
Concen: 47.292 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 88 Resp: 204291
Ion Ratio Lower Upper
88 100
58 86.1 73.3 109.9
43 30.8 27.1 40.7





#3

Pyridine

Concen: 47.065 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

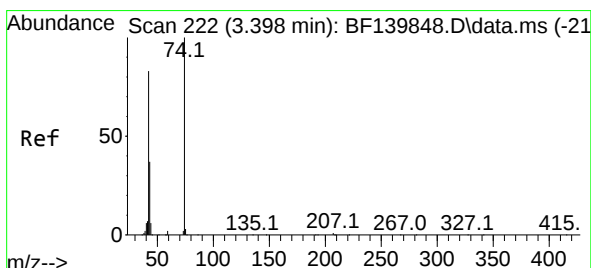
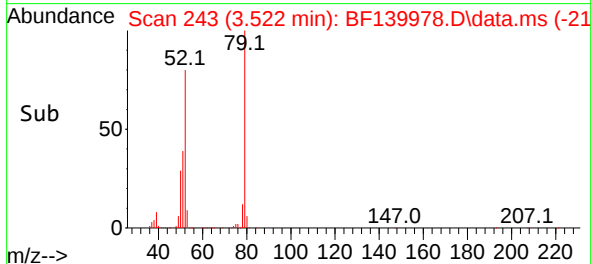
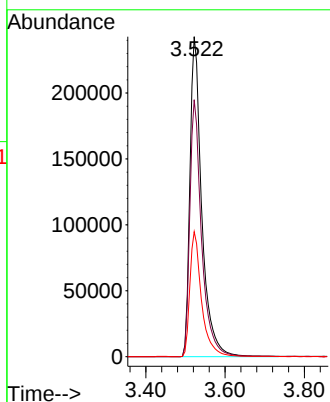
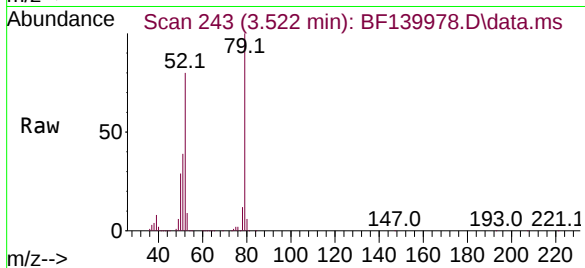
Tgt Ion: 79 Resp: 503947

Ion Ratio Lower Upper

79 100

52 80.3 68.5 102.7

51 39.1 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 47.218 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

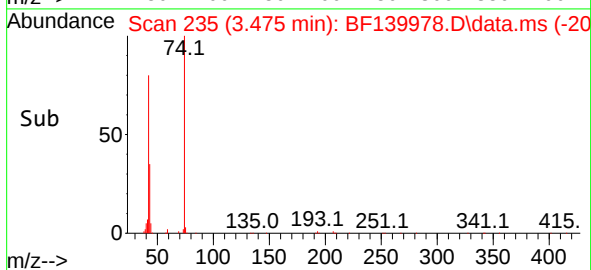
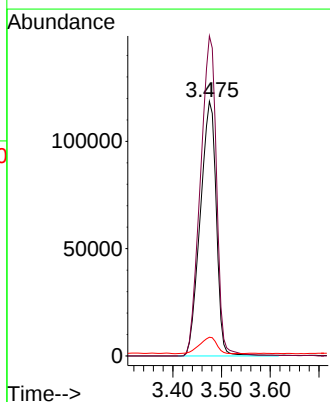
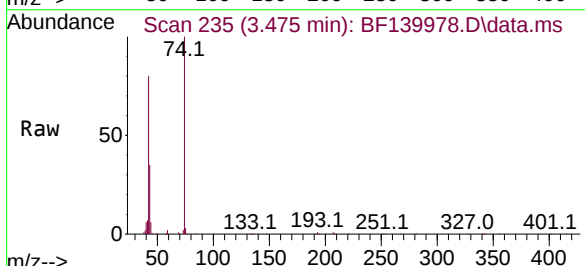
Tgt Ion: 42 Resp: 271640

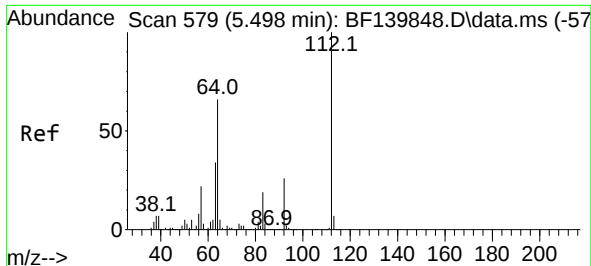
Ion Ratio Lower Upper

42 100

74 125.7 96.2 144.4

44 7.4 6.2 9.2

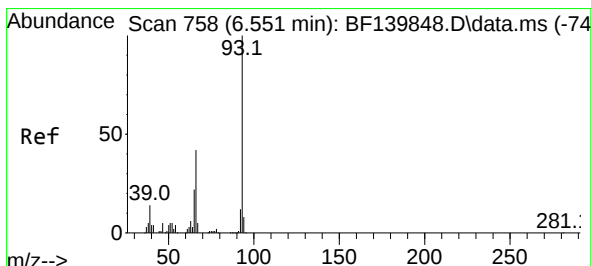
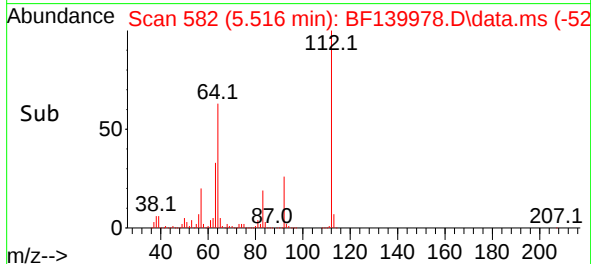
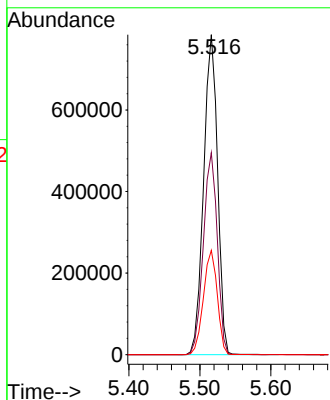
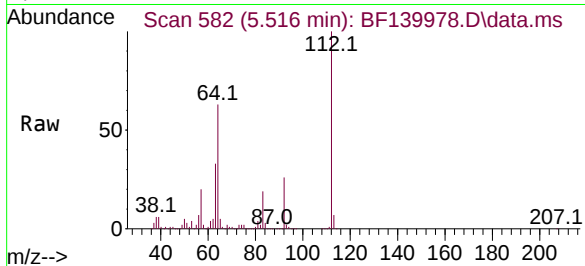




#5
2-Fluorophenol
Concen: 115.960 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

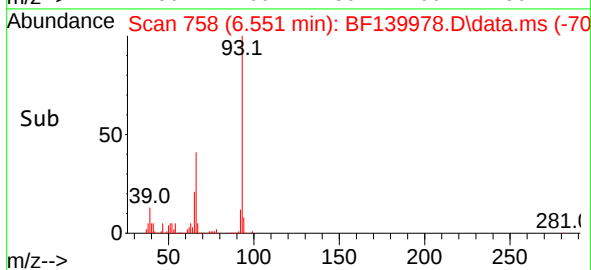
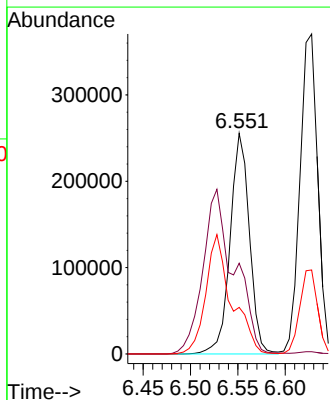
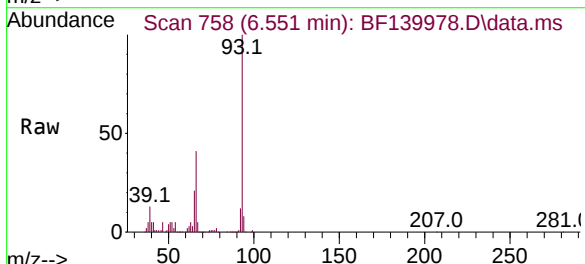
Instrument :
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ClientSampleId :
WB-301-BOTMSD

Tgt Ion:112 Resp: 1074370
Ion Ratio Lower Upper
112 100
64 63.1 53.0 79.6
63 32.6 27.0 40.4



#6
Aniline
Concen: 32.402 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 93 Resp: 362373
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 112.948 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

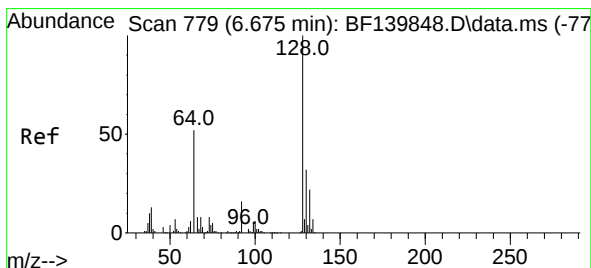
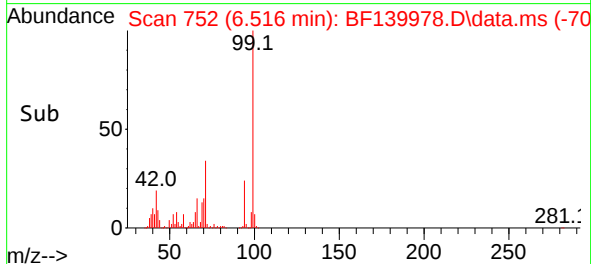
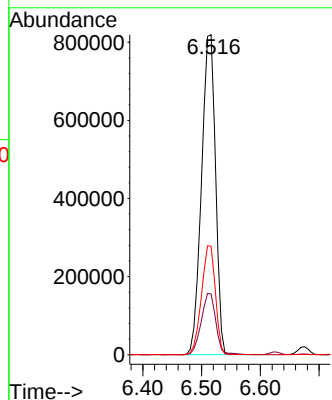
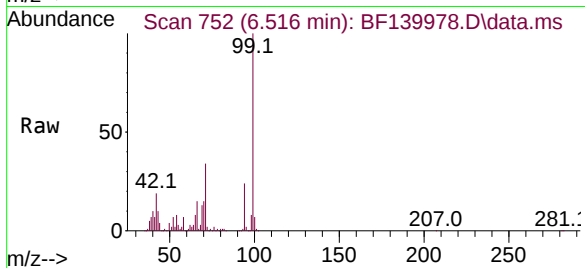
BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion: 99 Resp: 1355344

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.7	25.1
71	33.9	27.7	41.5



#8

2-Chlorophenol

Concen: 51.916 ng

RT: 6.675 min Scan# 779

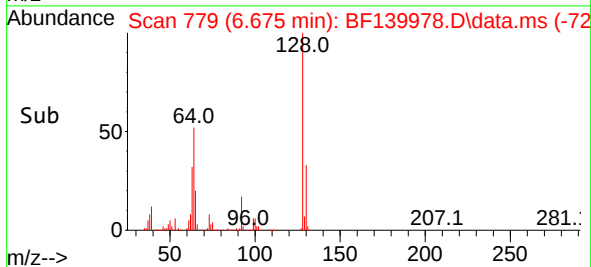
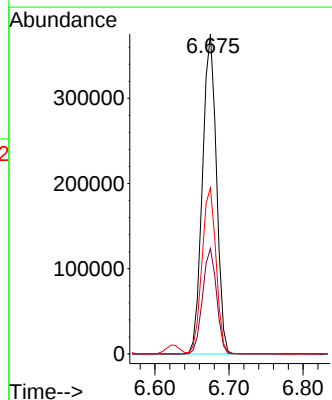
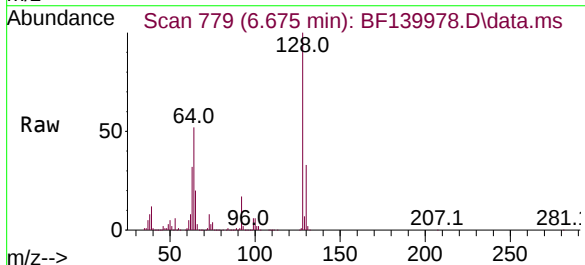
Delta R.T. 0.000 min

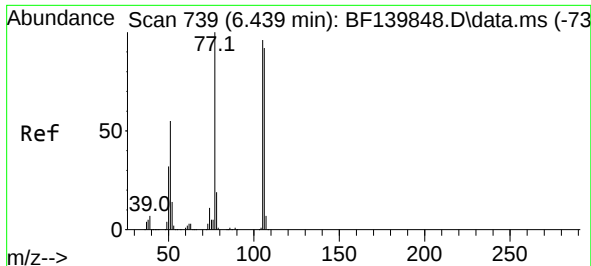
Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Tgt Ion: 128 Resp: 491736

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	51.9	34.6	74.6

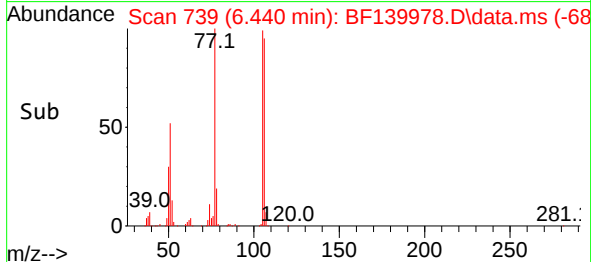
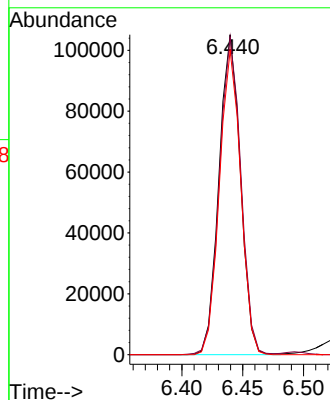
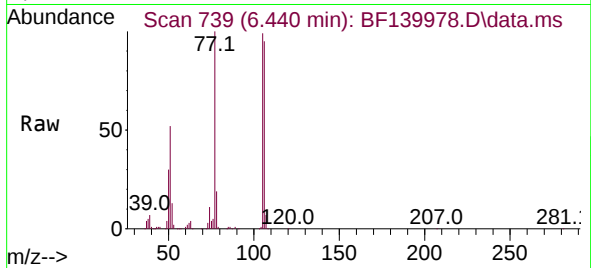




#9
Benzaldehyde
Concen: 19.046 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

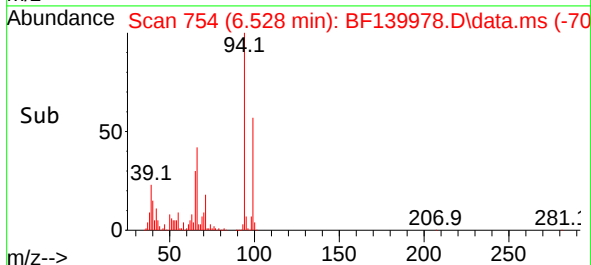
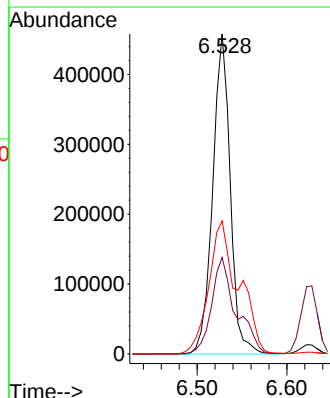
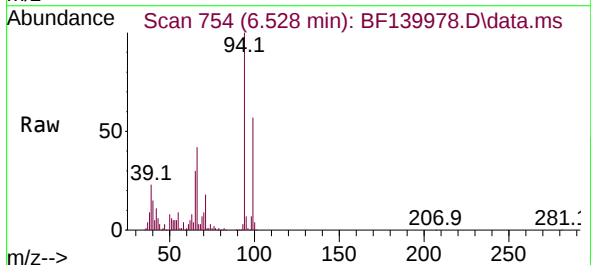
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion: 77 Resp: 128567
Ion Ratio Lower Upper
77 100
105 99.2 75.5 115.5
106 95.1 71.7 111.7



#10
Phenol
Concen: 50.196 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 94 Resp: 620986
Ion Ratio Lower Upper
94 100
65 30.2 11.1 51.1
66 41.6 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 50.415 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

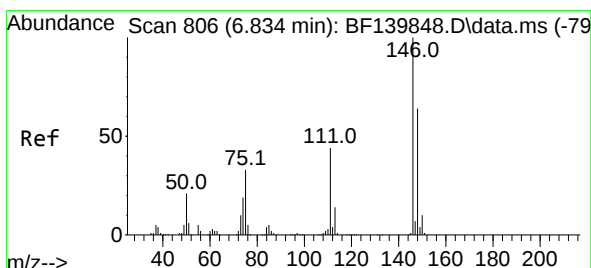
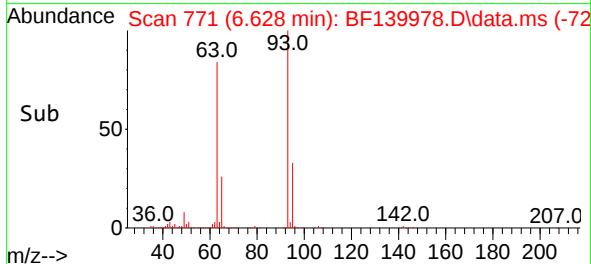
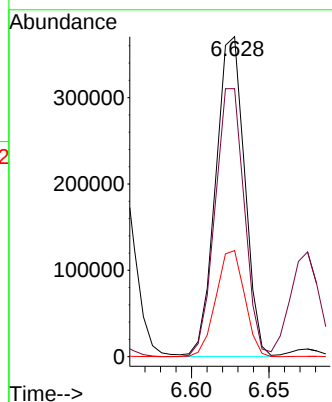
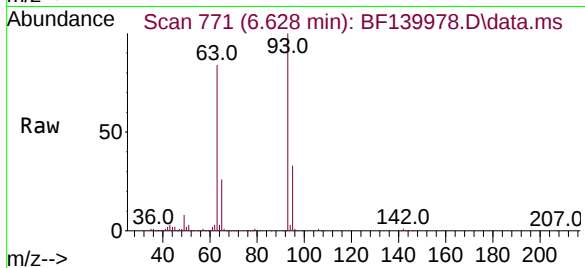
Tgt Ion: 93 Resp: 482062

Ion Ratio Lower Upper

93 100

63 83.7 65.0 105.0

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.970 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

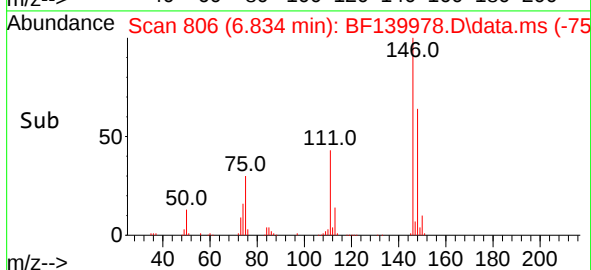
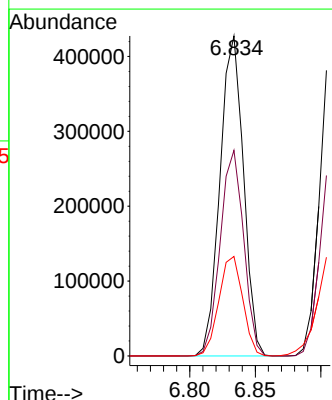
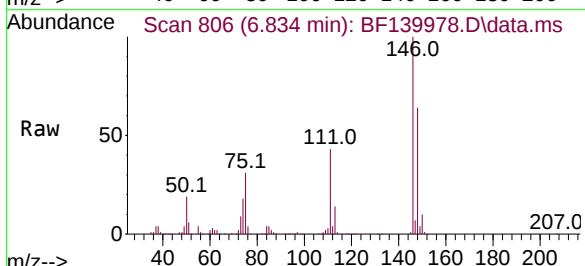
Tgt Ion: 146 Resp: 532430

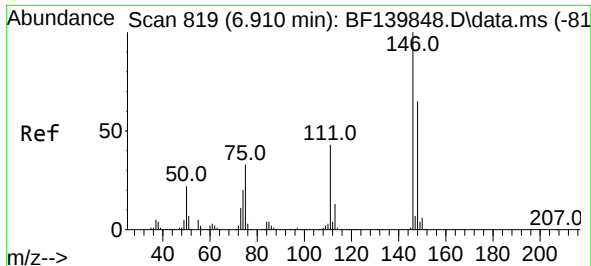
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 31.1 26.4 39.6

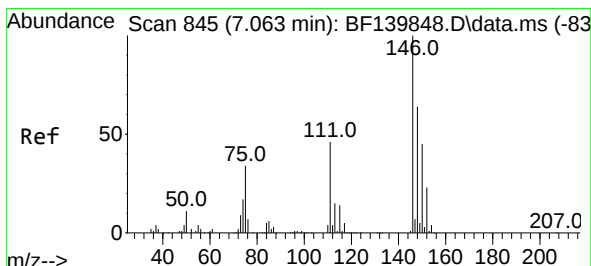
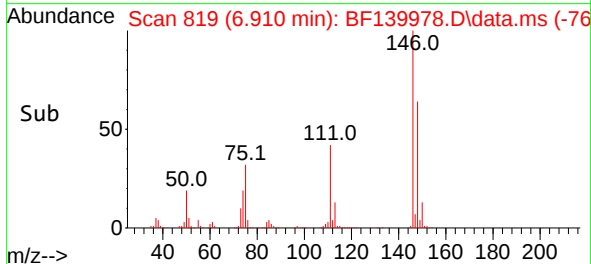
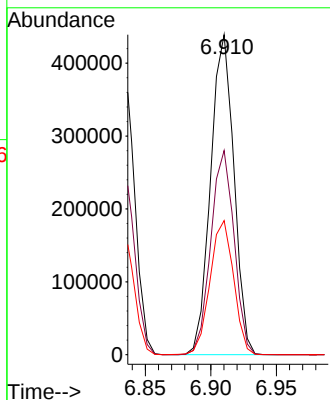
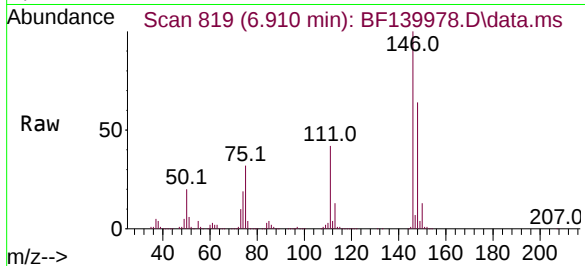




#13
1,4-Dichlorobenzene
Concen: 49.930 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

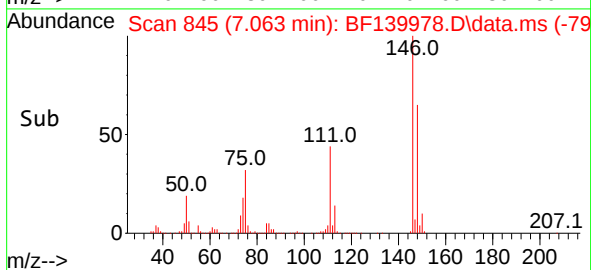
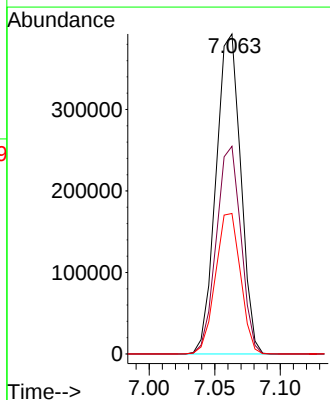
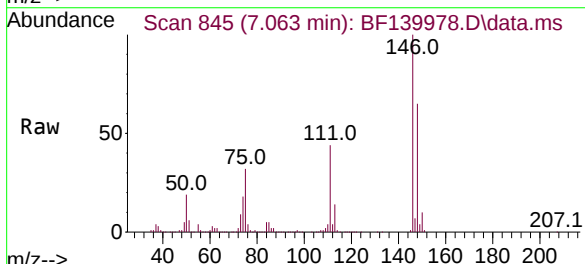
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

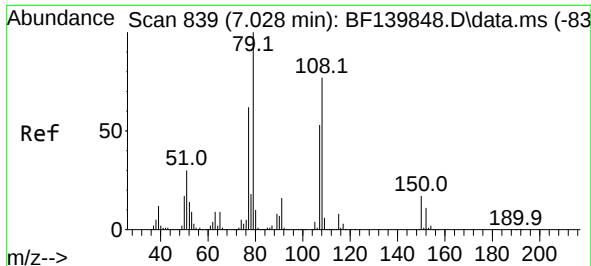
Tgt Ion:146 Resp: 542367
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 41.9 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.848 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:146 Resp: 515493
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 43.9 36.7 55.1

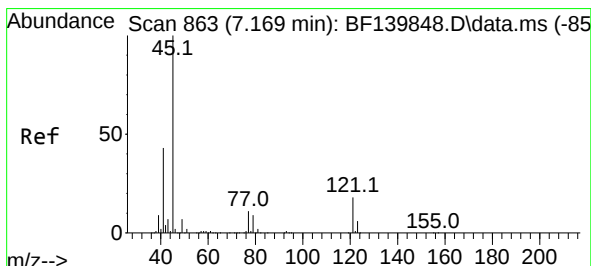
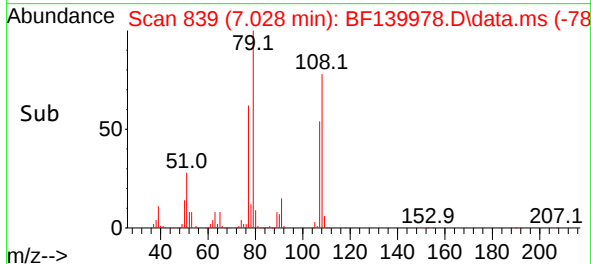
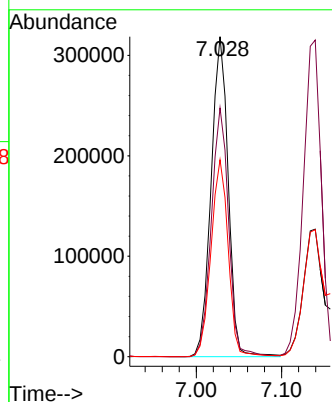
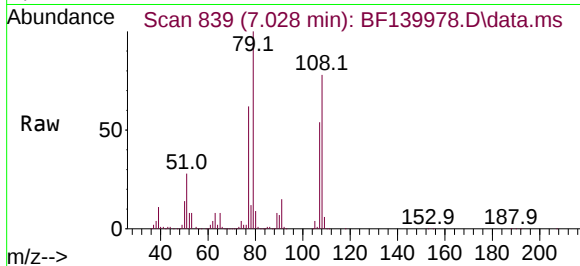




#15
Benzyl Alcohol
Concen: 50.554 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

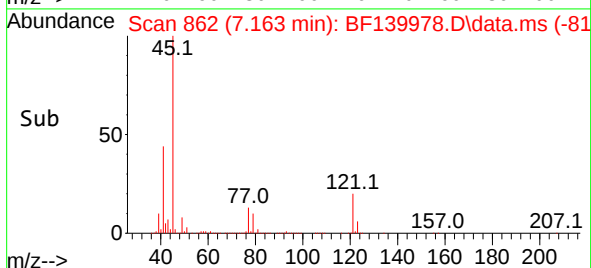
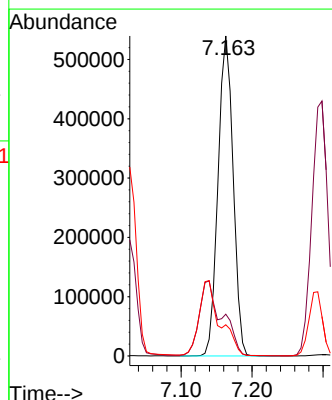
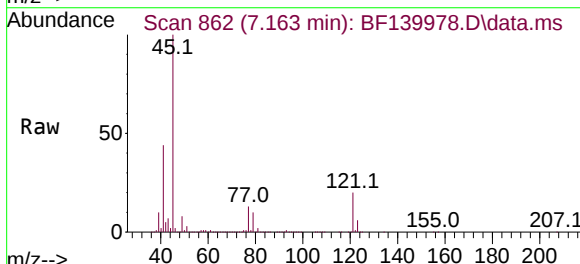
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

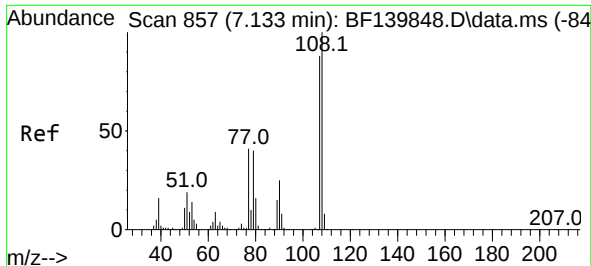
Tgt Ion: 79 Resp: 444990
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 61.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.623 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 45 Resp: 792774
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1

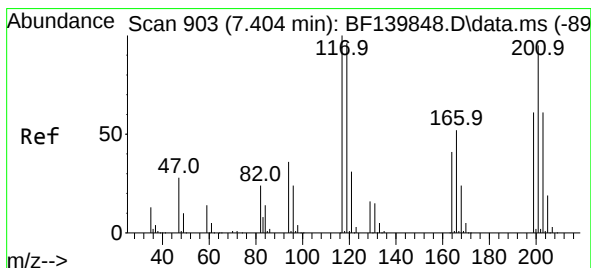
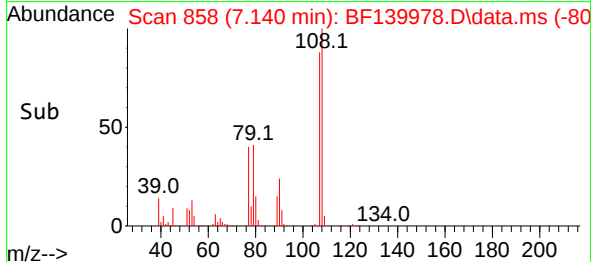
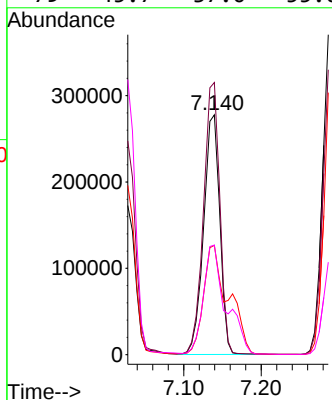
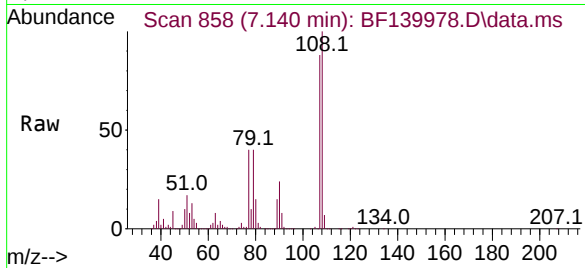




#17
2-Methylphenol
Concen: 49.989 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

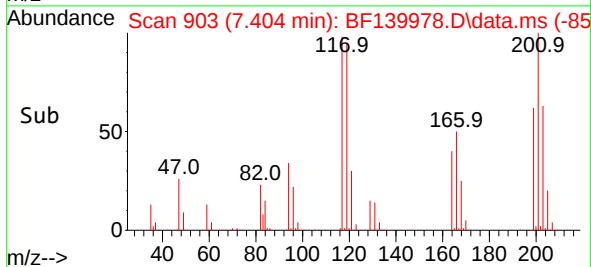
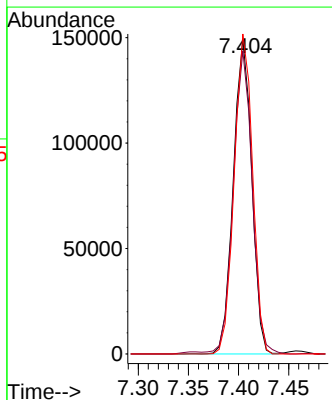
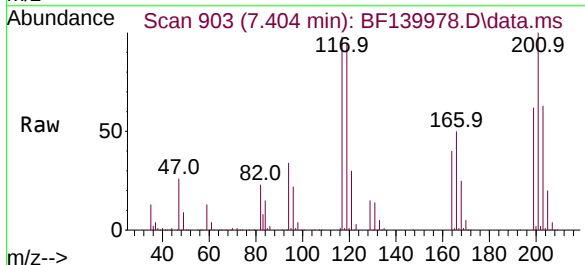
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

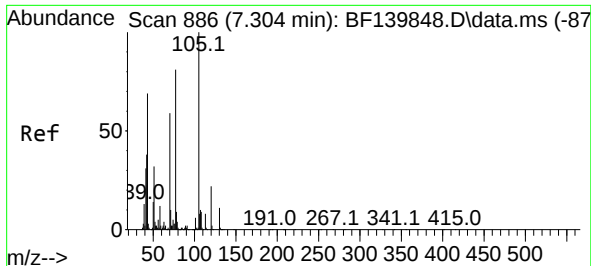
Tgt Ion:	107	Resp:	403735
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.3	136.9
77	45.6	37.1	55.7
79	45.7	37.0	55.6



#18
Hexachloroethane
Concen: 49.403 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:	117	Resp:	191365
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	101.6	76.2	114.4

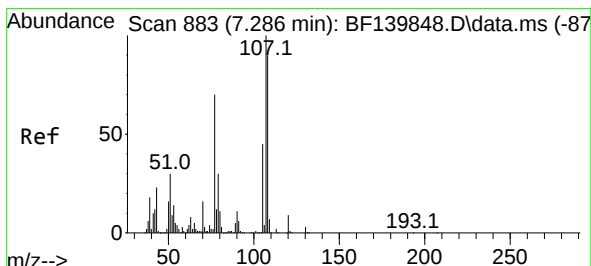
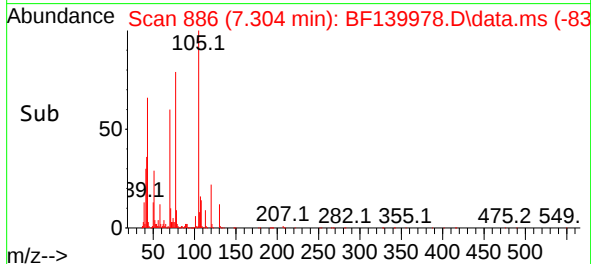
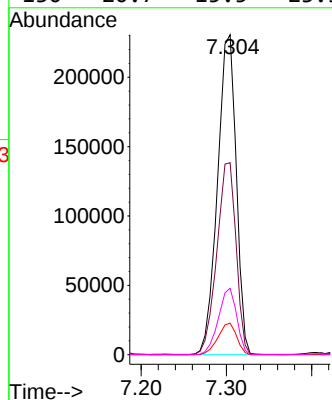
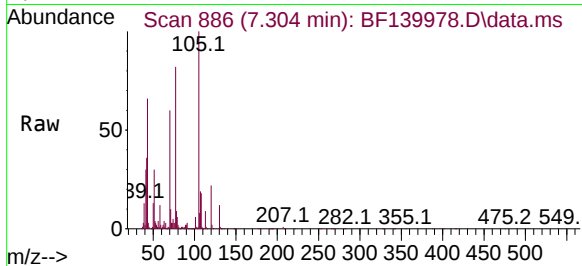




#19
n-Nitroso-di-n-propylamine
Concen: 48.487 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

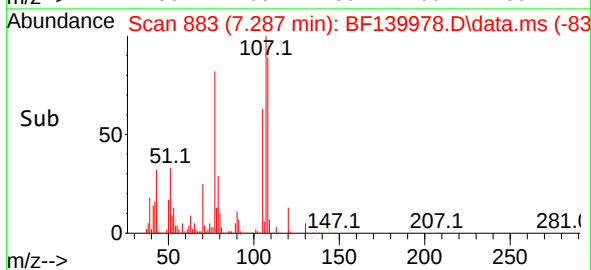
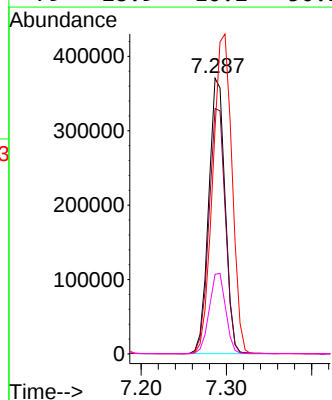
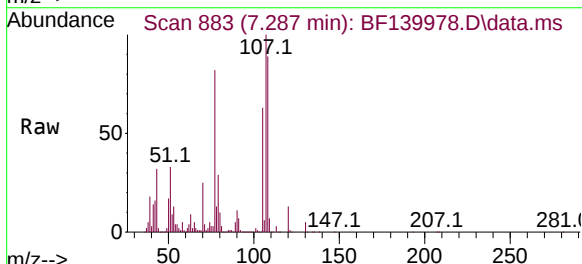
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

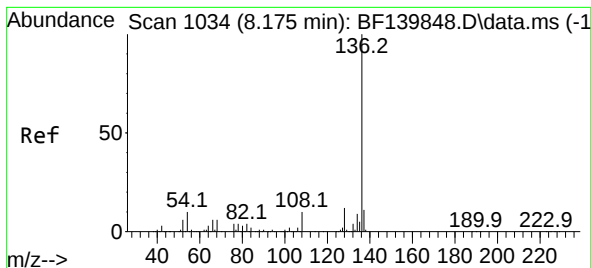
Tgt Ion: 70 Resp: 352876
Ion Ratio Lower Upper
70 100
42 60.0 51.5 77.3
101 9.9 7.5 11.3
130 20.7 15.5 23.3



#20
3+4-Methylphenols
Concen: 47.801 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 107 Resp: 493800
Ion Ratio Lower Upper
107 100
108 89.0 69.8 109.8
77 81.9 50.5 90.5
79 28.9 10.2 50.2



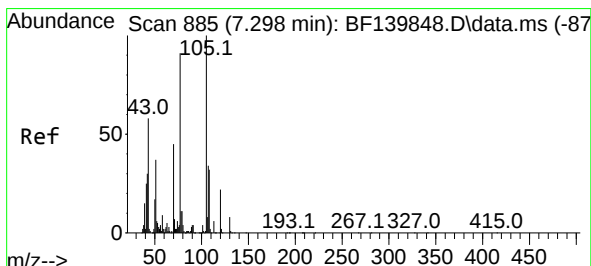
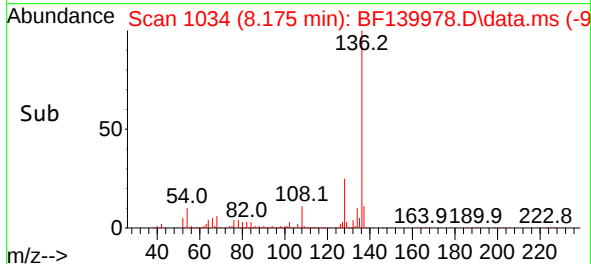
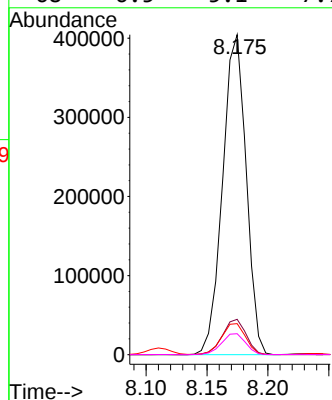
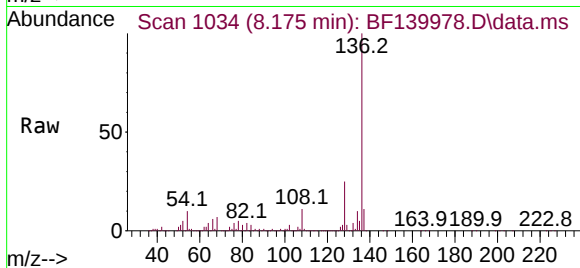


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:136 Resp: 544717

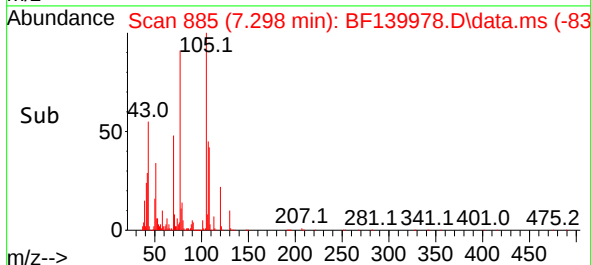
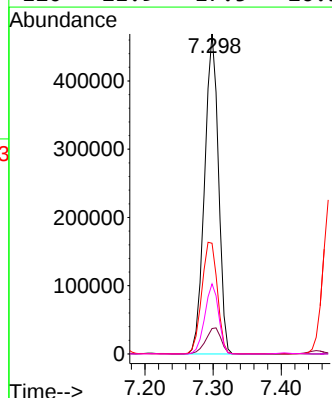
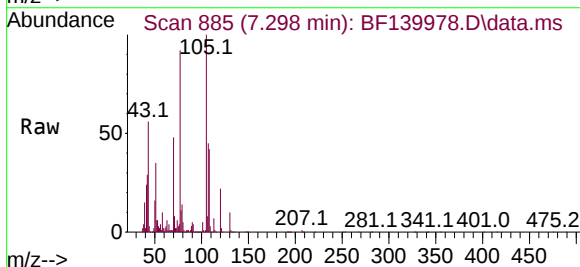
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.7	8.4	12.6
68	6.5	5.1	7.7

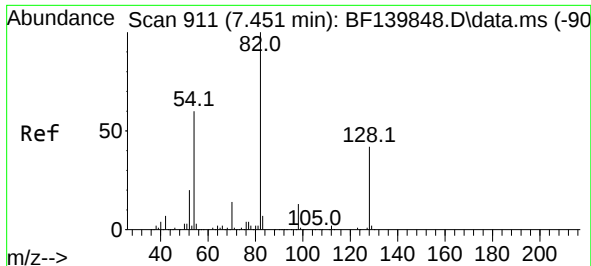


#22
Acetophenone
Concen: 49.819 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:105 Resp: 664685

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	34.6	29.4	44.2
120	21.9	17.5	26.3





#23

Nitrobenzene-d5

Concen: 87.733 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

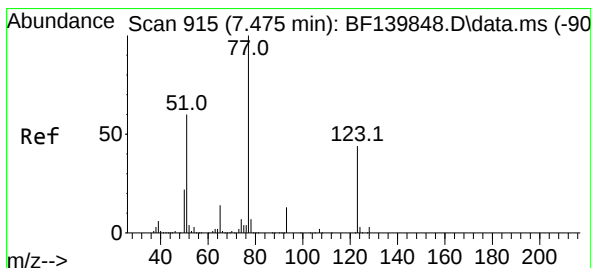
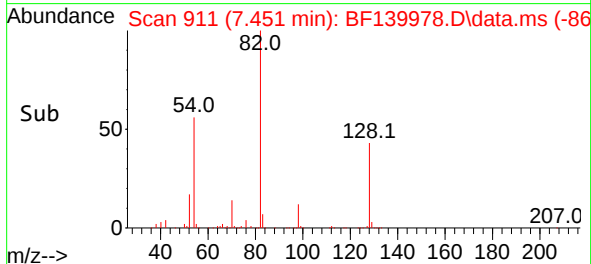
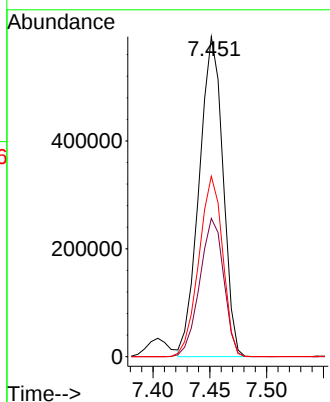
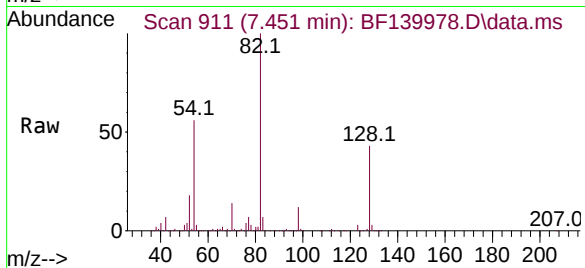
Tgt Ion: 82 Resp: 862260

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 56.4 47.8 71.8



#24

Nitrobenzene

Concen: 49.142 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

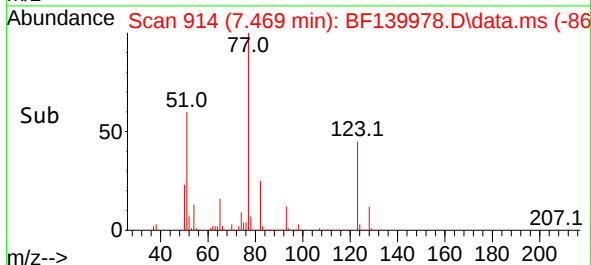
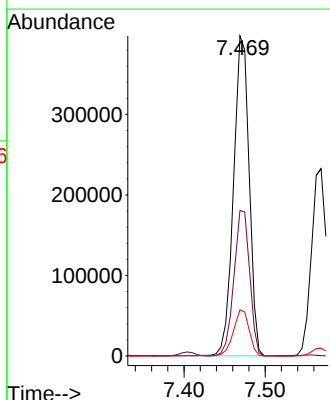
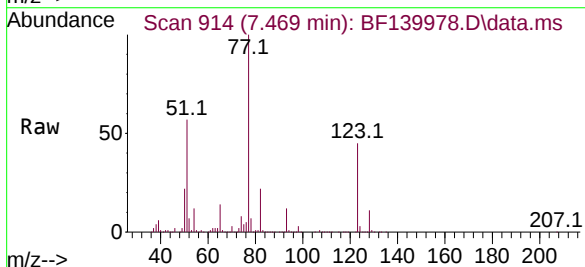
Tgt Ion: 77 Resp: 529532

Ion Ratio Lower Upper

77 100

123 45.4 35.7 53.5

65 14.5 11.5 17.3

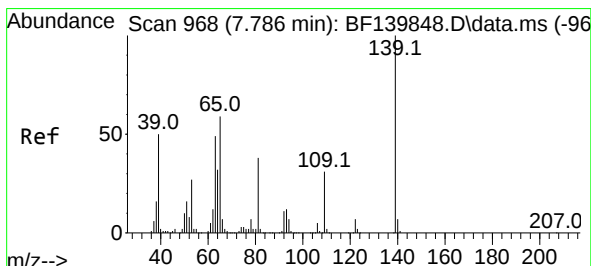
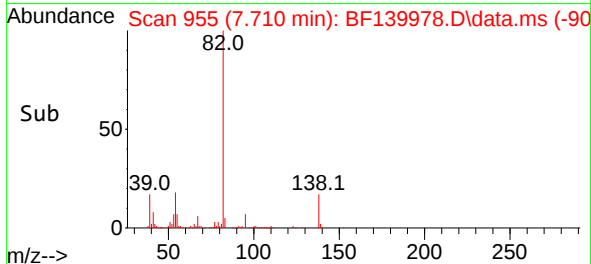
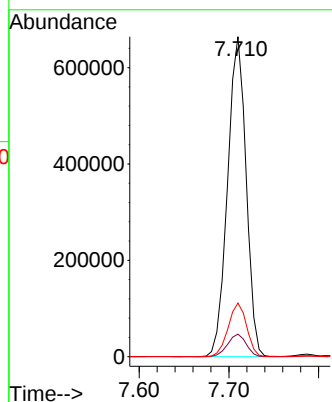
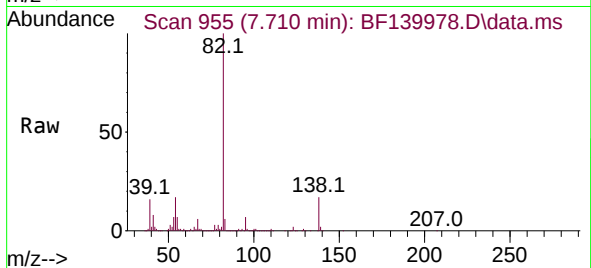




#25
Isophorone
Concen: 51.032 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

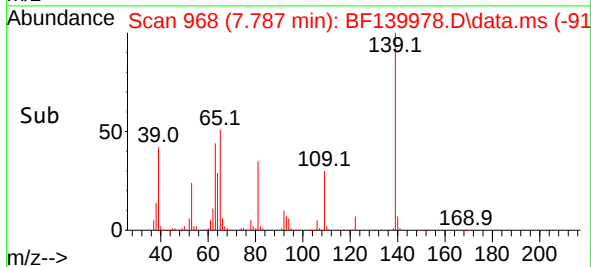
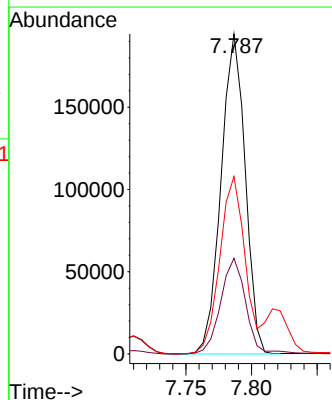
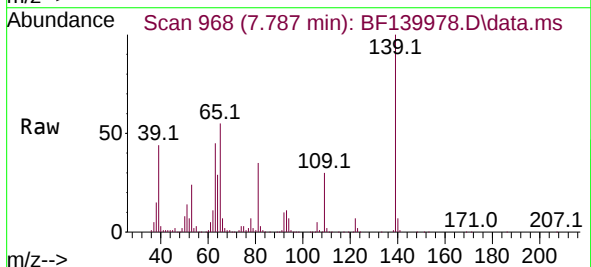
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

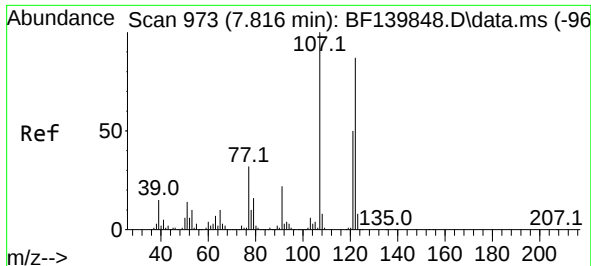
Tgt Ion: 82 Resp: 951945
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 61.204 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:139 Resp: 248802
Ion Ratio Lower Upper
139 100
109 29.9 25.1 37.7
65 55.5 47.5 71.3

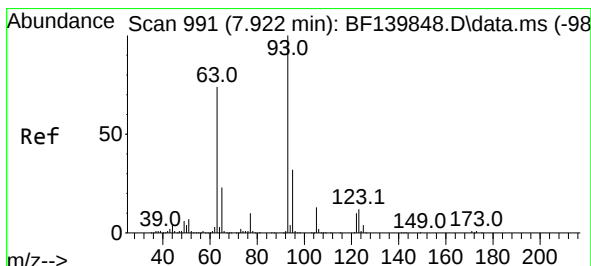
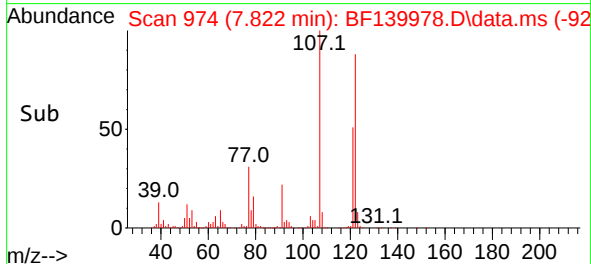
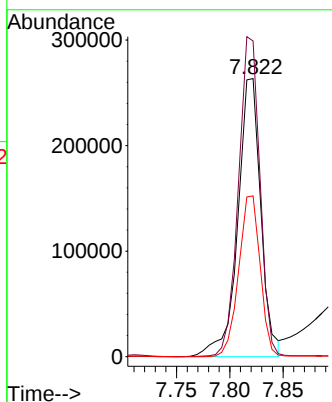
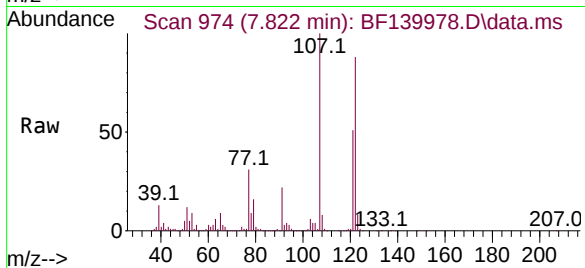




#27
2,4-Dimethylphenol
Concen: 58.530 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

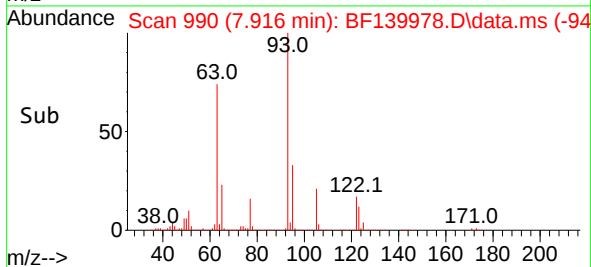
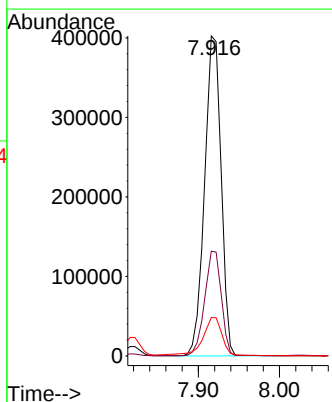
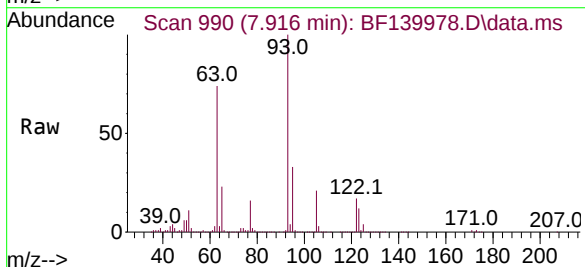
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:122 Resp: 396741
Ion Ratio Lower Upper
122 100
107 113.5 91.9 137.9
121 57.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.314 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 93 Resp: 568638
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.828 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

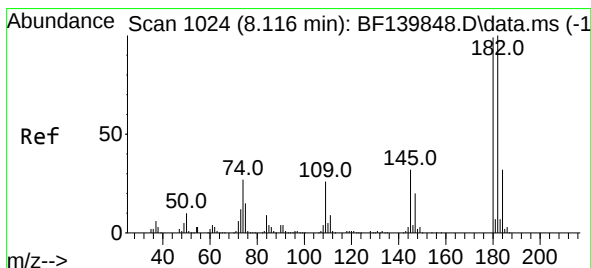
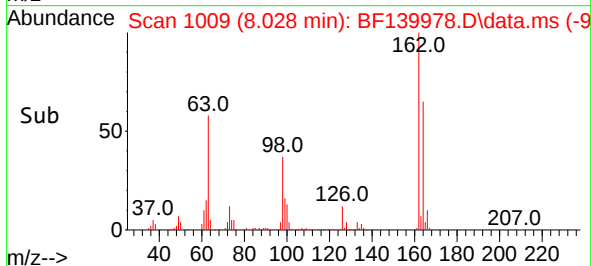
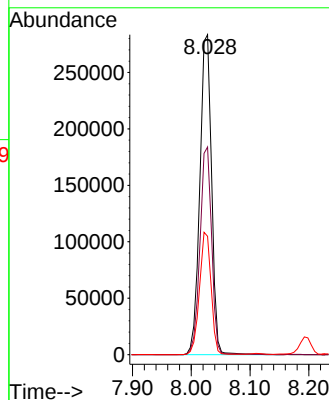
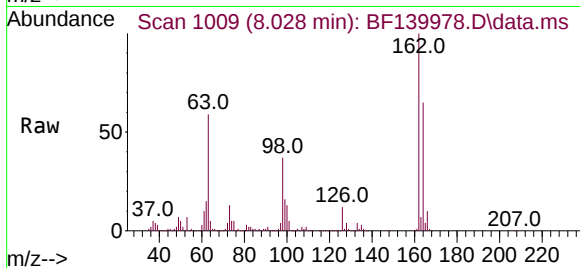
Tgt Ion:162 Resp: 392433

Ion Ratio Lower Upper

162 100

164 64.9 43.9 83.9

98 37.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.120 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

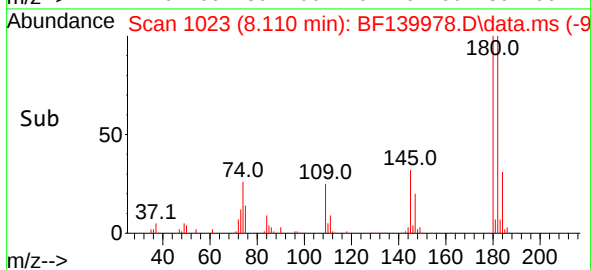
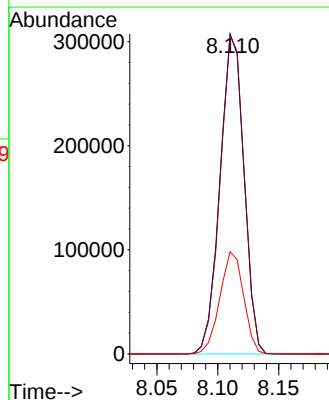
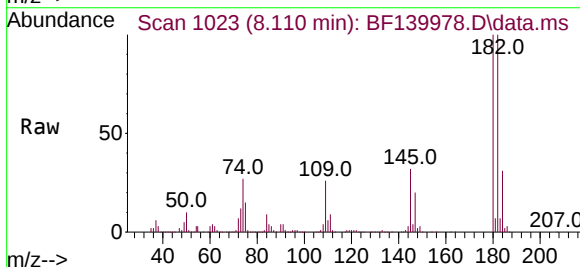
Tgt Ion:180 Resp: 419640

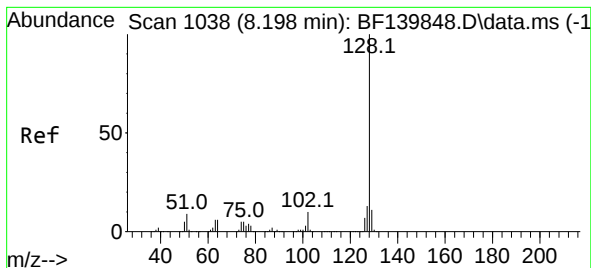
Ion Ratio Lower Upper

180 100

182 99.7 80.5 120.7

145 31.9 25.4 38.0





#31

Naphthalene

Concen: 50.547 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

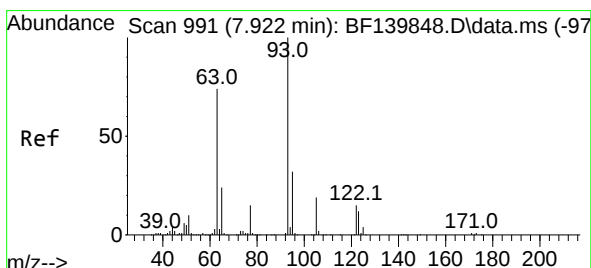
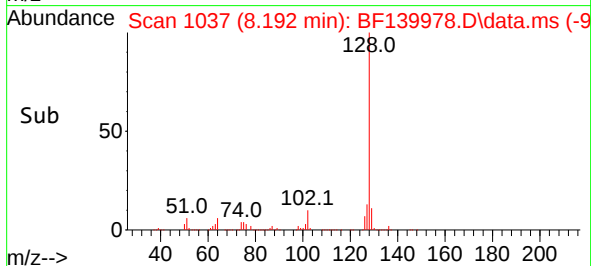
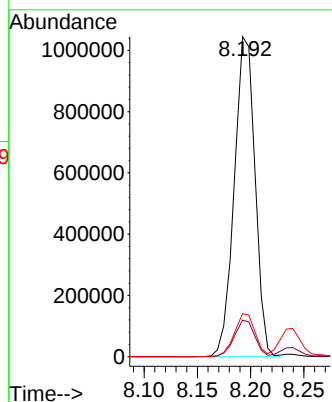
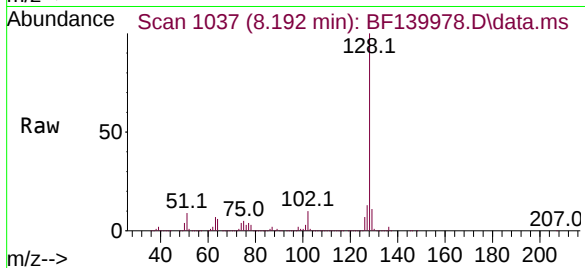
Tgt Ion:128 Resp: 1420023

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 43.183 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

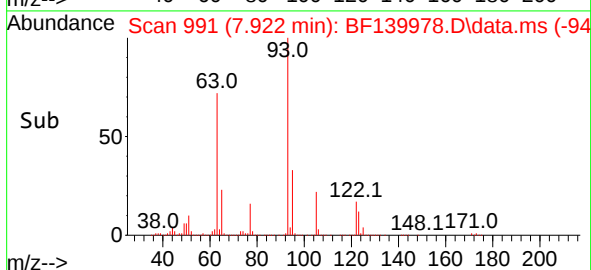
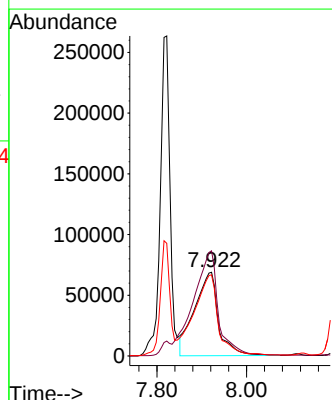
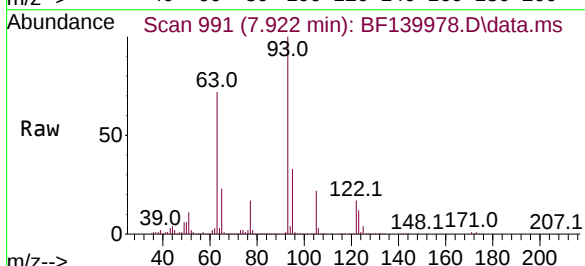
Tgt Ion:122 Resp: 255301

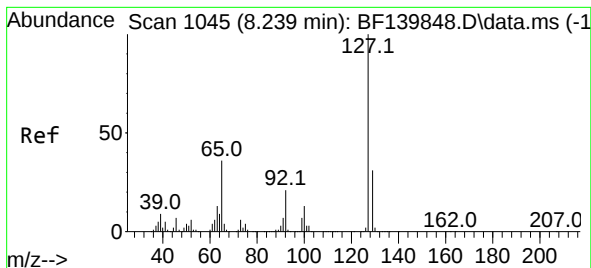
Ion Ratio Lower Upper

122 100

105 125.7 107.6 147.6

77 96.9 80.2 120.2





#33

4-Chloroaniline

Concen: 13.564 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:127 Resp: 129935

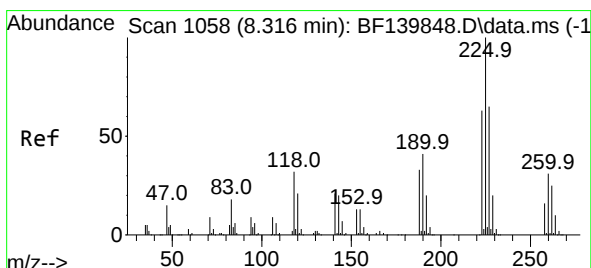
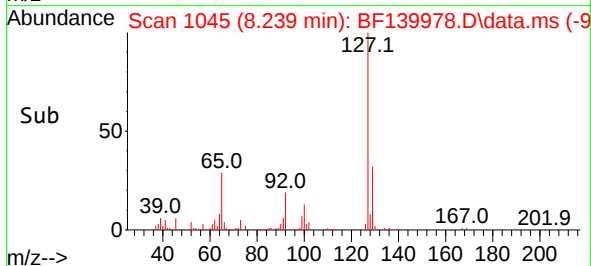
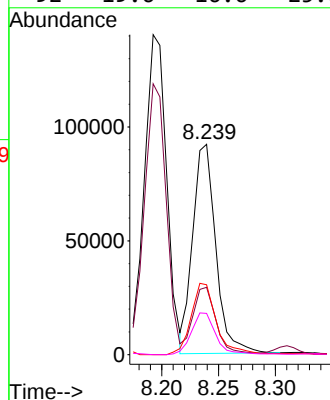
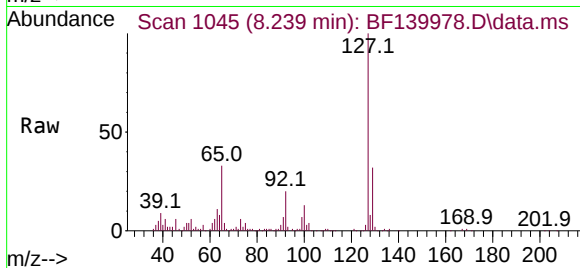
Ion Ratio Lower Upper

127 100

129 32.0 25.4 38.2

65 33.3 28.4 42.6

92 19.6 16.6 25.0



#34

Hexachlorobutadiene

Concen: 51.049 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

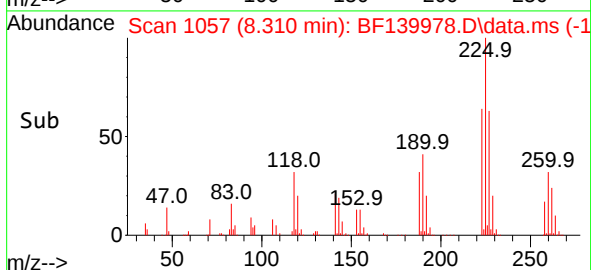
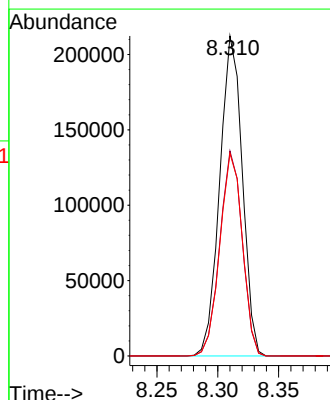
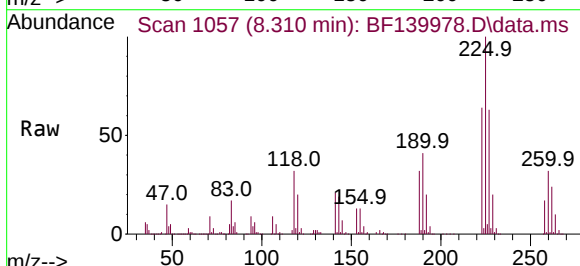
Tgt Ion:225 Resp: 274022

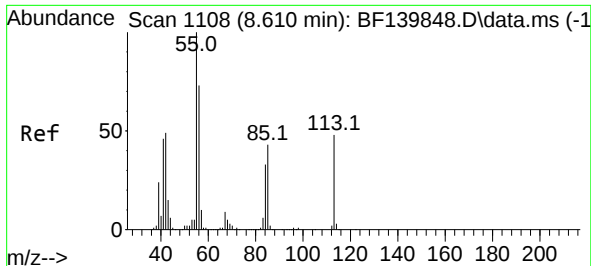
Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

227 63.2 51.8 77.8

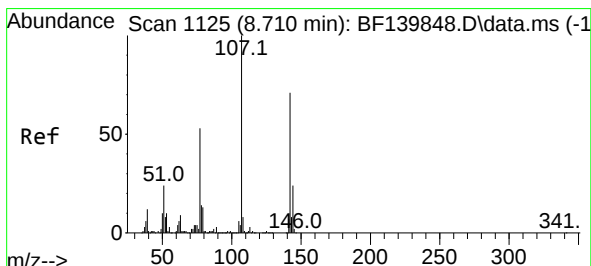
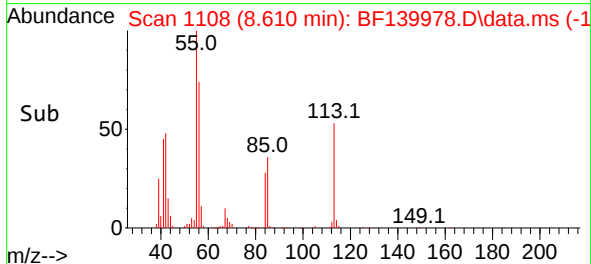
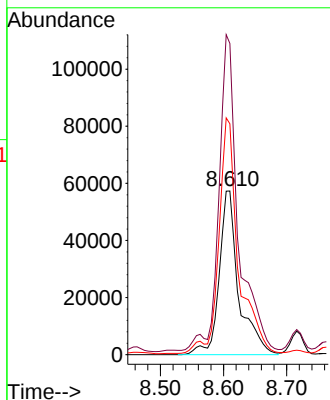
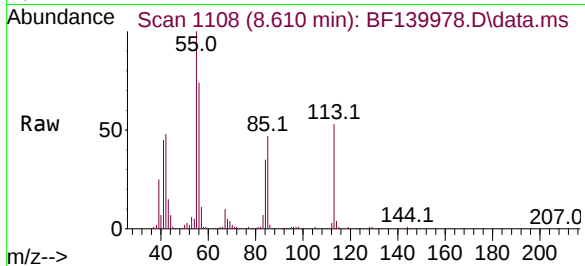




#35
 Caprolactam
 Concen: 50.190 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139978.D
 Acq: 23 Oct 2024 21:49

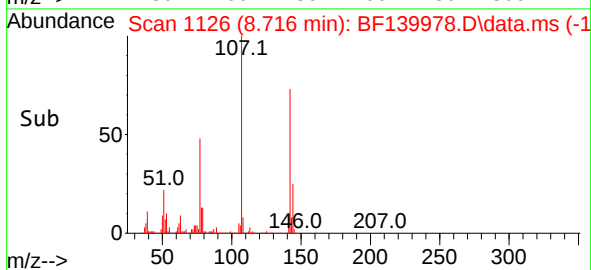
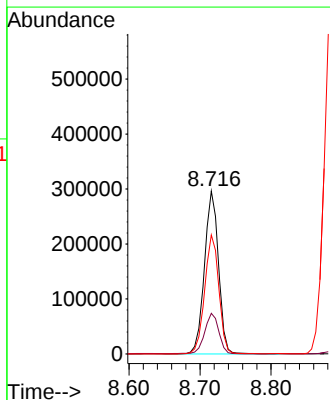
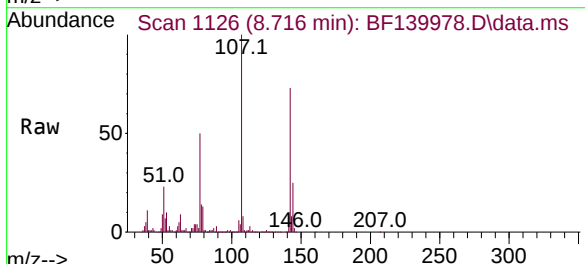
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMSD

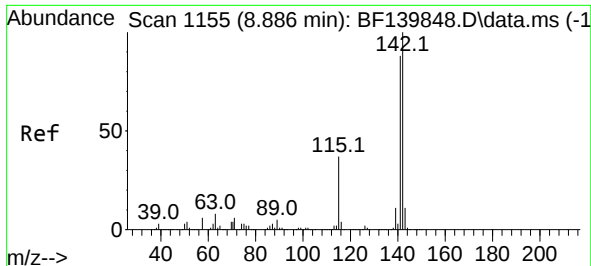
Tgt Ion:113 Resp: 123215
 Ion Ratio Lower Upper
 113 100
 55 190.1 189.2 229.2
 56 141.1 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.895 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139978.D
 Acq: 23 Oct 2024 21:49

Tgt Ion:107 Resp: 409463
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.1 28.7
 142 73.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 50.942 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

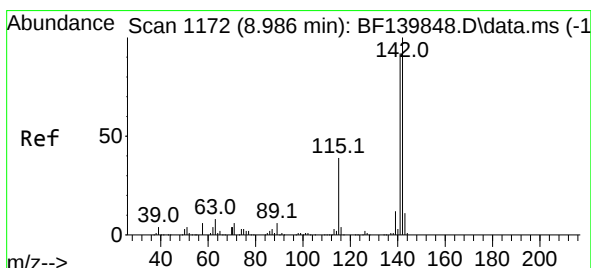
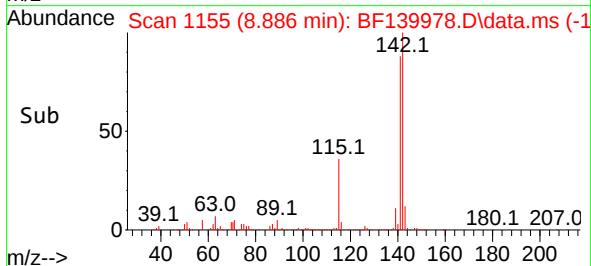
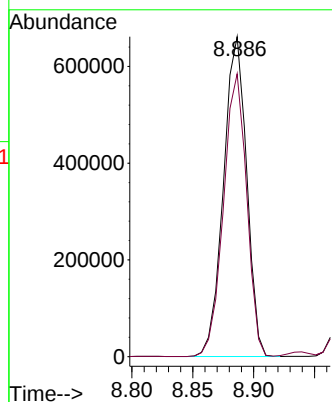
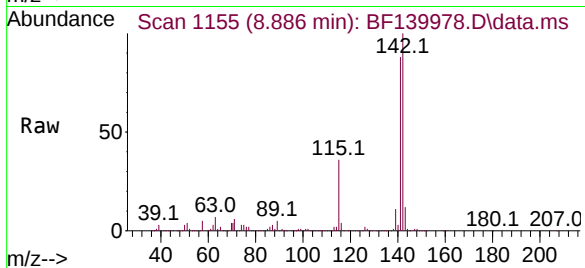
WB-301-BOTMSD

Tgt Ion:142 Resp: 876472

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 48.202 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139978.D

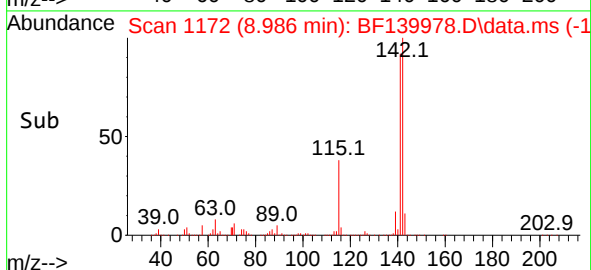
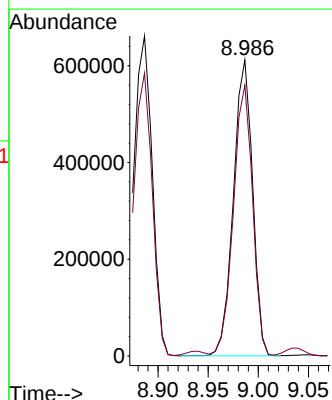
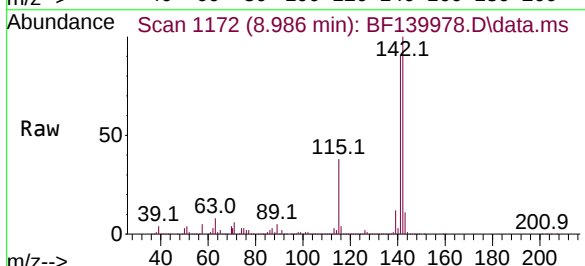
Acq: 23 Oct 2024 21:49

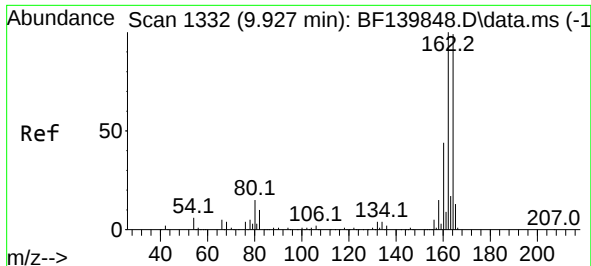
Tgt Ion:142 Resp: 813674

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

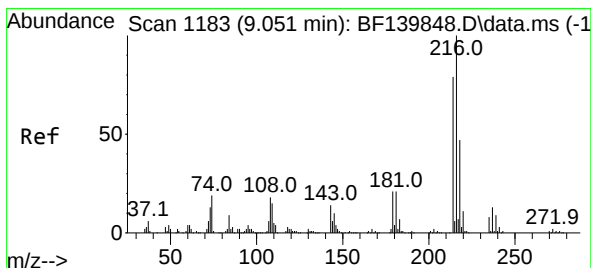
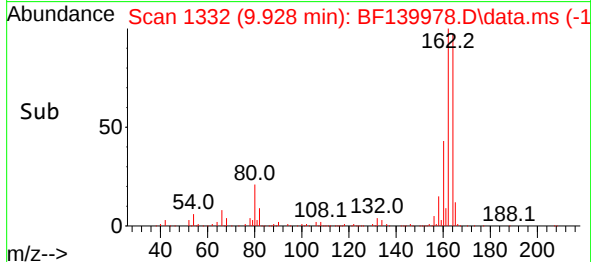
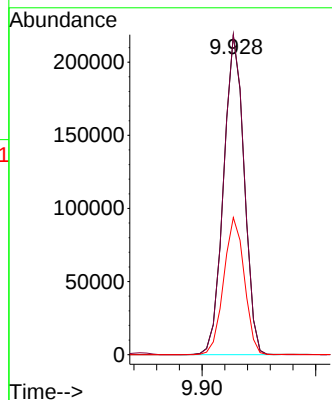
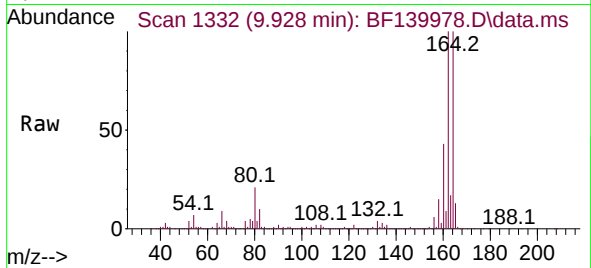




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

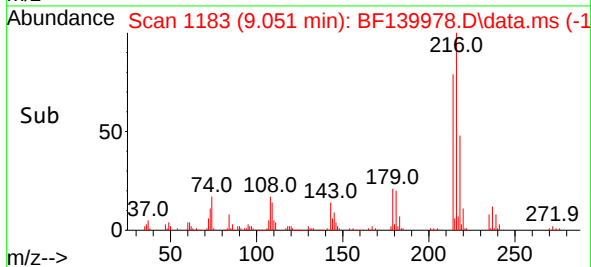
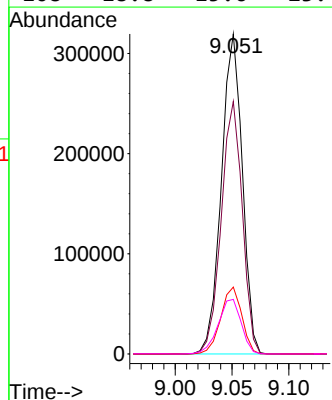
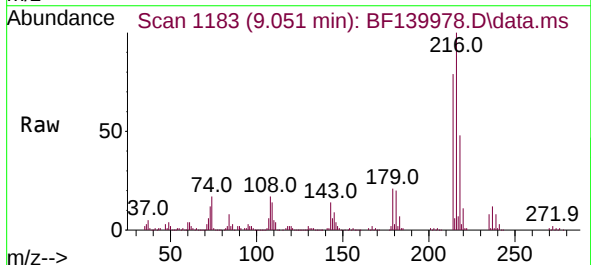
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

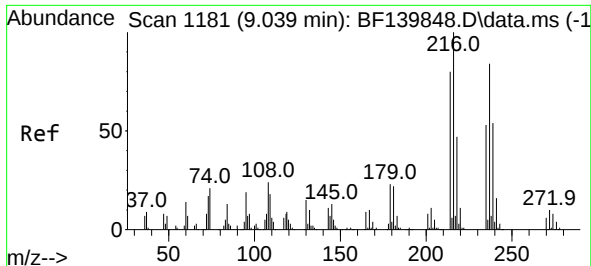
Tgt Ion:164 Resp: 274724
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 42.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.303 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:216 Resp: 409887
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 21.0 17.2 25.8
108 18.8 15.6 23.4

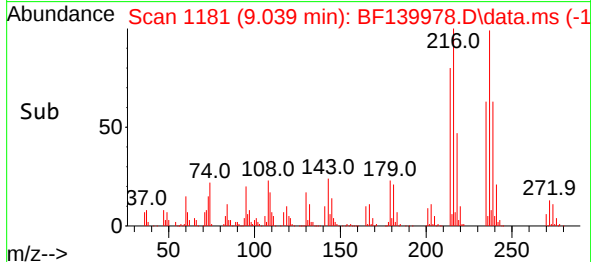
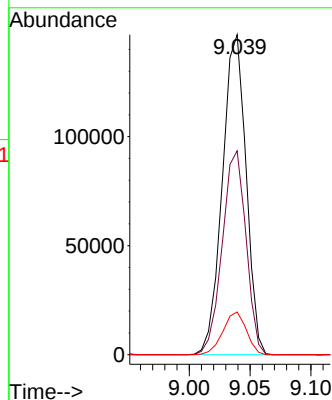
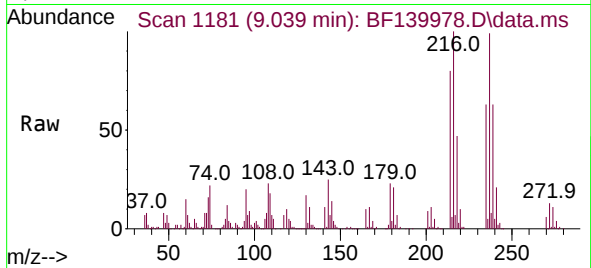




#41
Hexachlorocyclopentadiene
Concen: 77.097 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

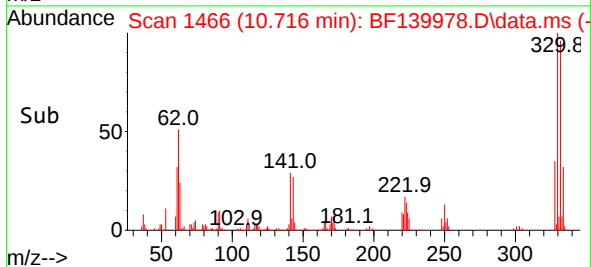
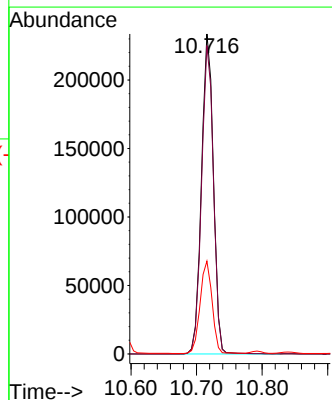
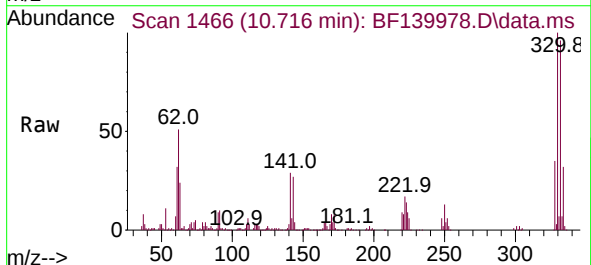
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion: 237 Resp: 198824
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 115.065 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 330 Resp: 295680
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 29.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.538 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

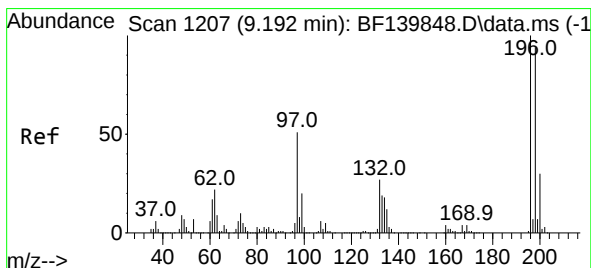
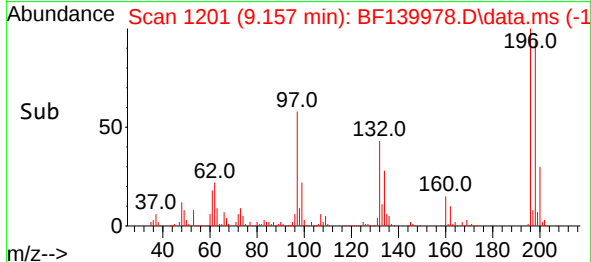
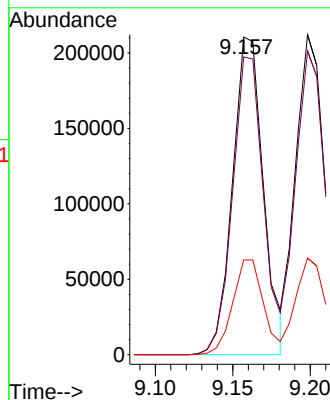
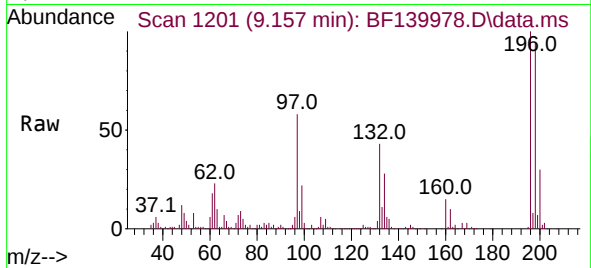
Tgt Ion:196 Resp: 291428

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.2

200 29.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.846 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Tgt Ion:196 Resp: 275272

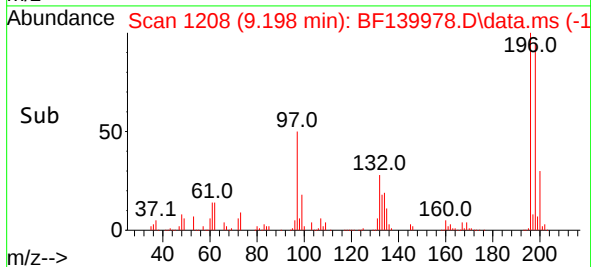
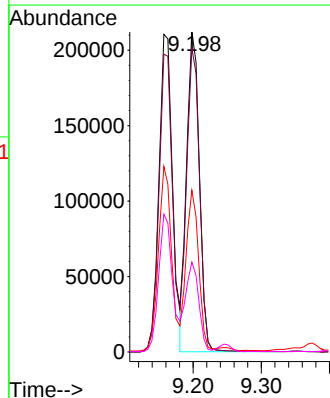
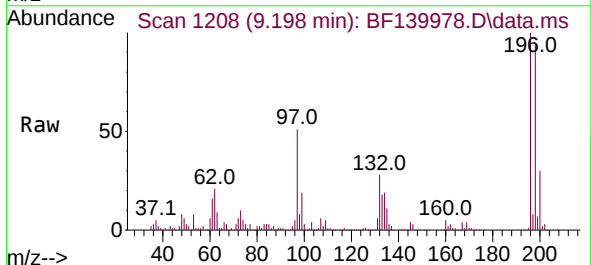
Ion Ratio Lower Upper

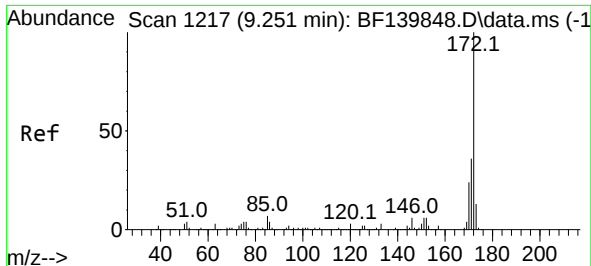
196 100

198 94.9 75.8 113.6

97 50.5 41.8 62.6

132 28.0 22.9 34.3

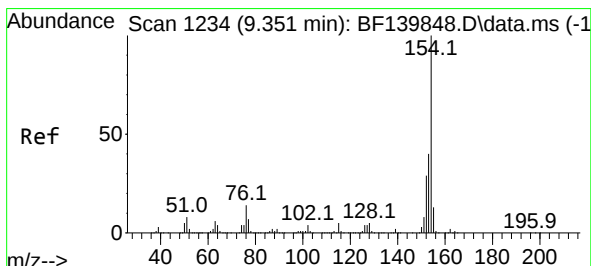
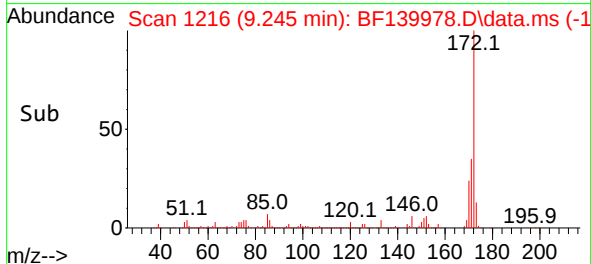
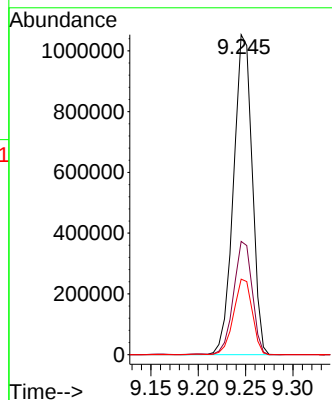
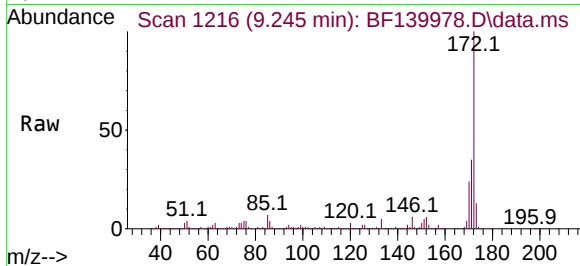




#45
2-Fluorobiphenyl
Concen: 86.799 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

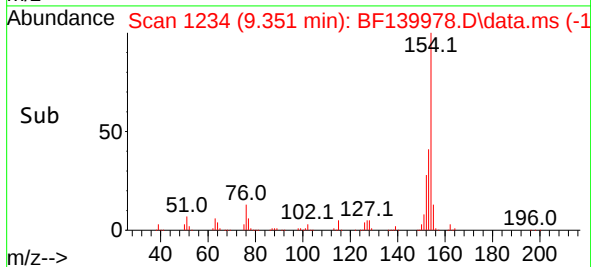
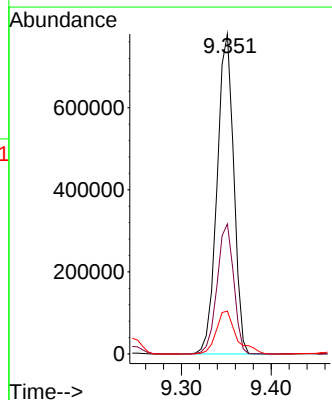
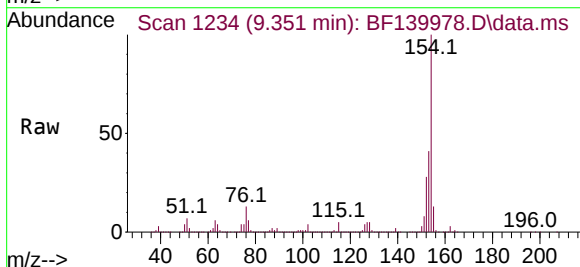
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

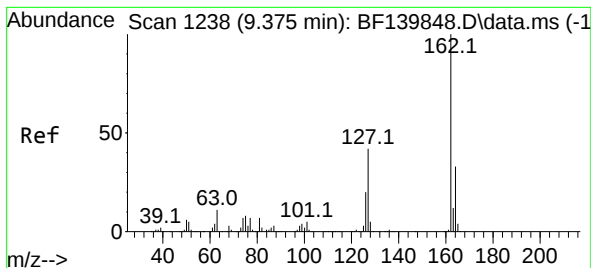
Tgt Ion:172 Resp: 1442846
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 52.486 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:154 Resp: 1003788
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 50.604 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

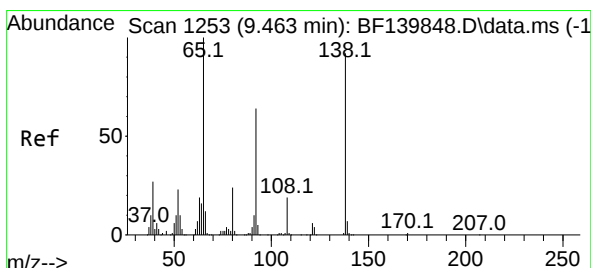
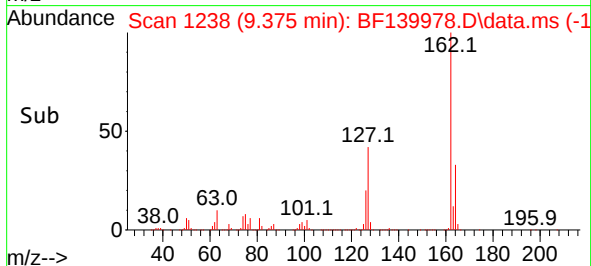
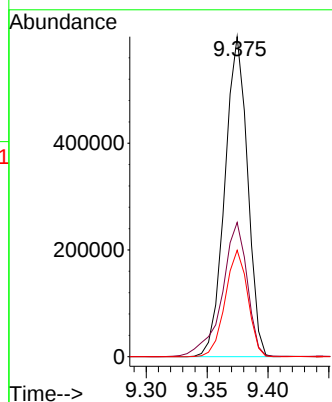
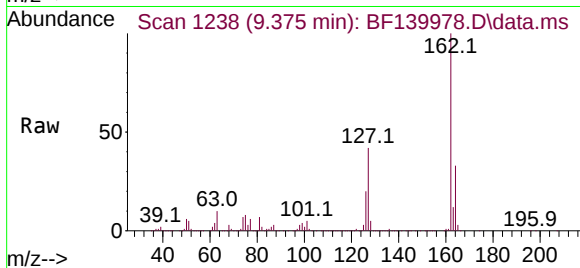
Tgt Ion:162 Resp: 779472

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 54.406 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

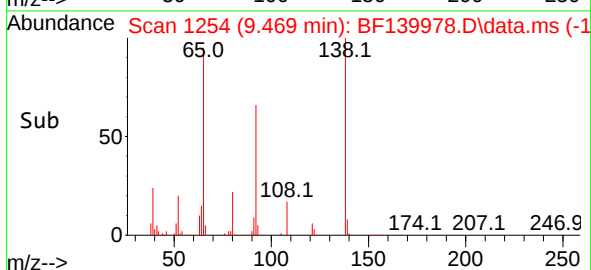
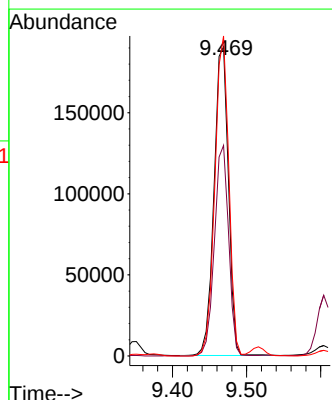
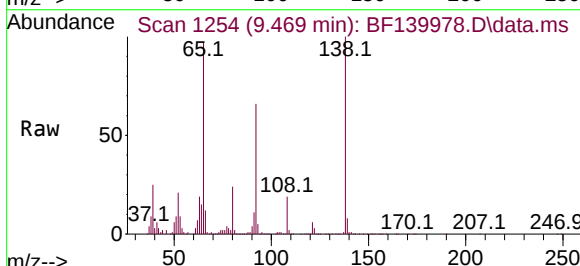
Tgt Ion: 65 Resp: 256306

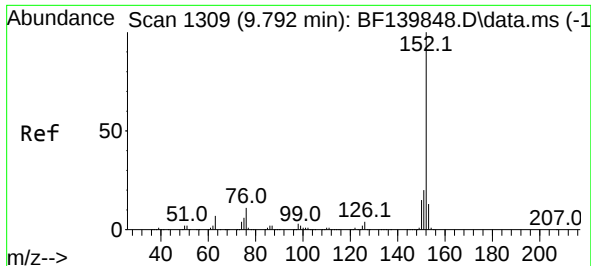
Ion Ratio Lower Upper

65 100

92 68.1 50.9 76.3

138 103.5 73.4 110.0





#49

Acenaphthylene

Concen: 52.886 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

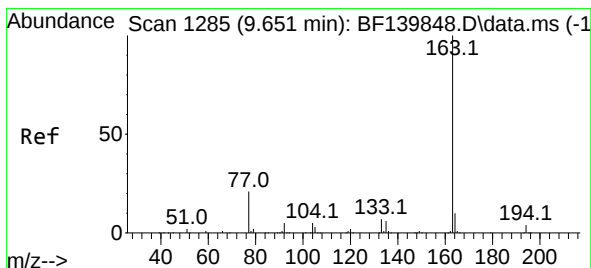
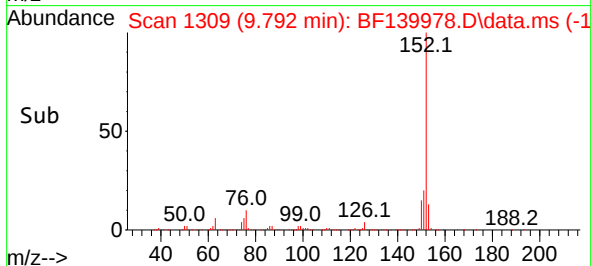
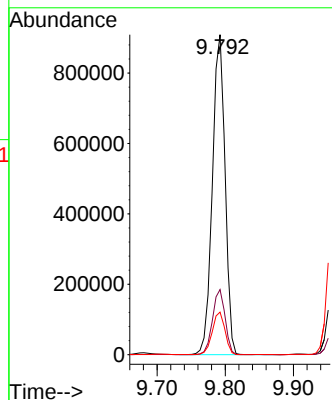
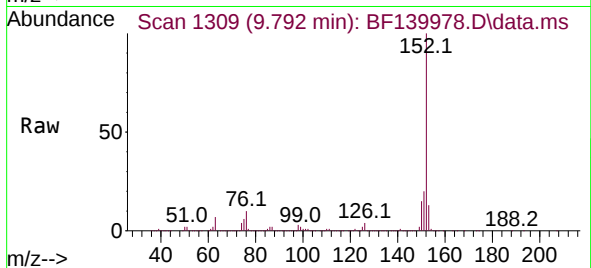
Tgt Ion:152 Resp: 1177711

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 53.567 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

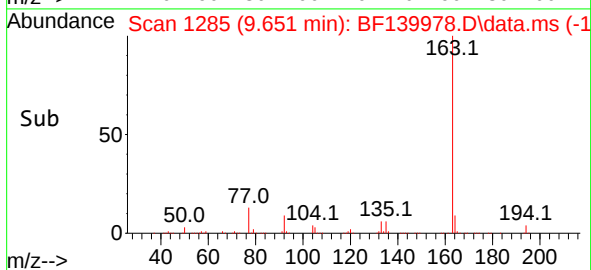
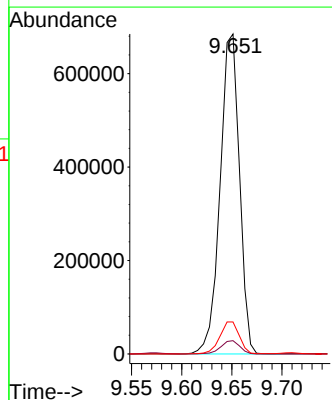
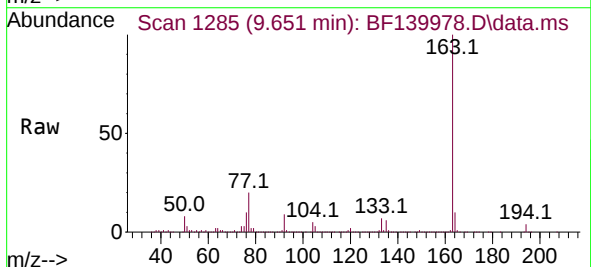
Tgt Ion:163 Resp: 916630

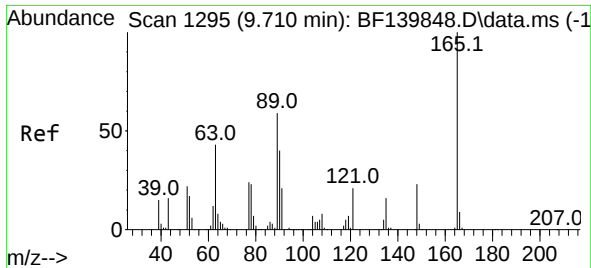
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.2 12.2

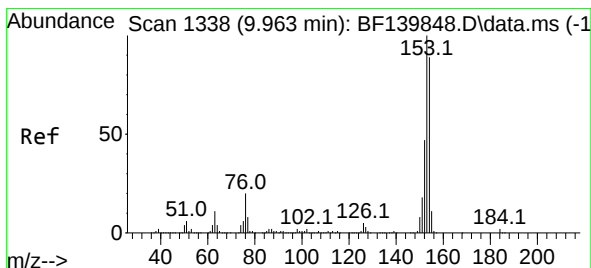
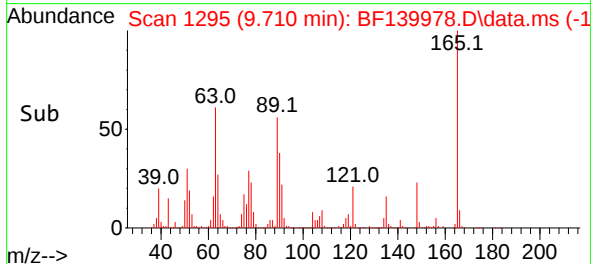
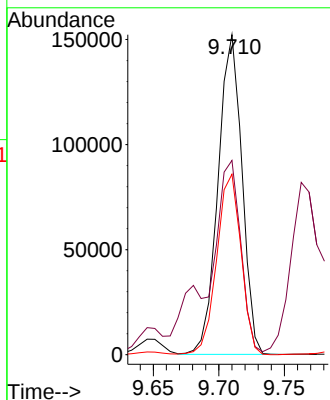
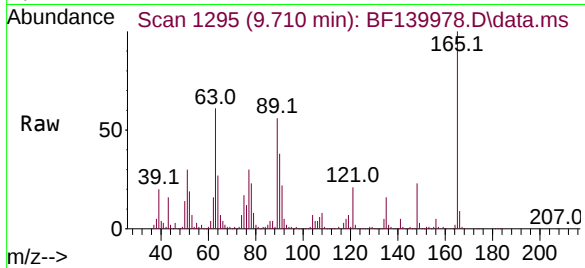




#51
2,6-Dinitrotoluene
Concen: 52.059 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

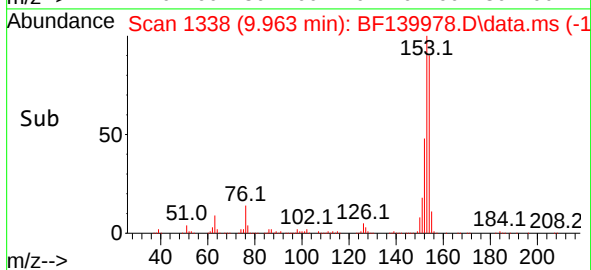
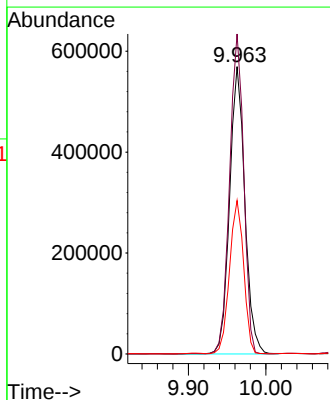
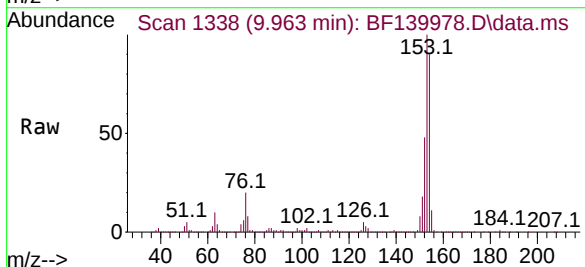
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

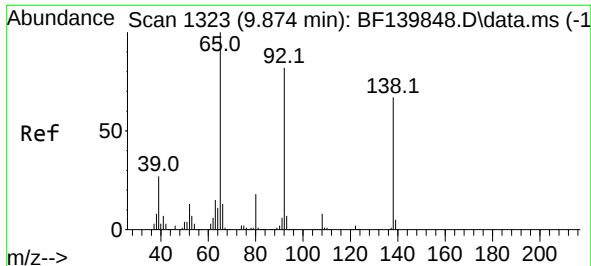
Tgt Ion:165 Resp: 192883
Ion Ratio Lower Upper
165 100
63 60.7 50.6 75.8
89 56.4 47.5 71.3



#52
Acenaphthene
Concen: 54.060 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:154 Resp: 778766
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 53.4 42.4 63.6

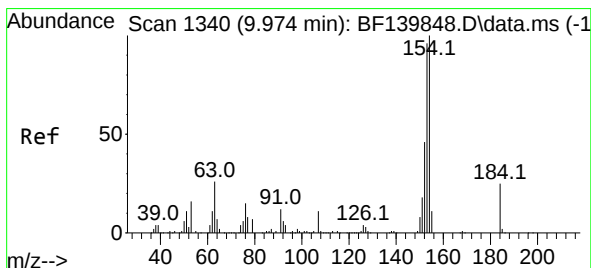
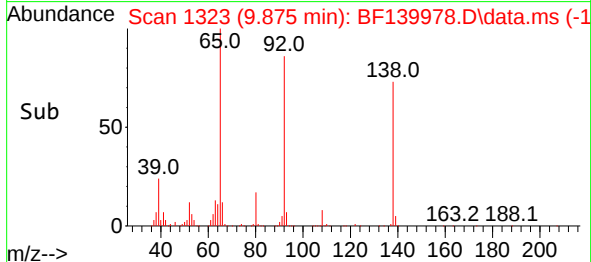
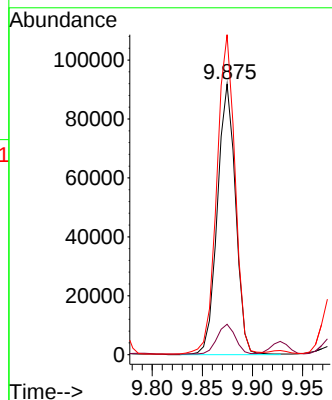
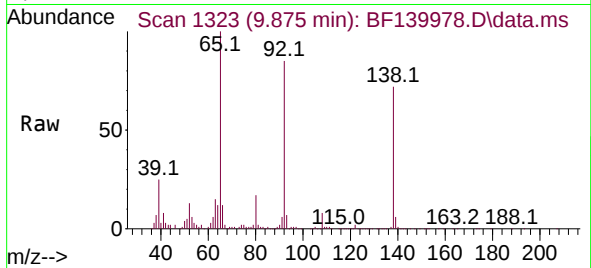




#53
3-Nitroaniline
Concen: 30.358 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

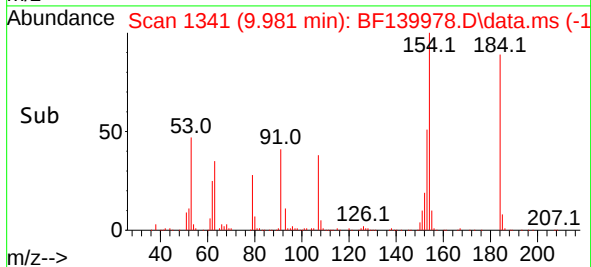
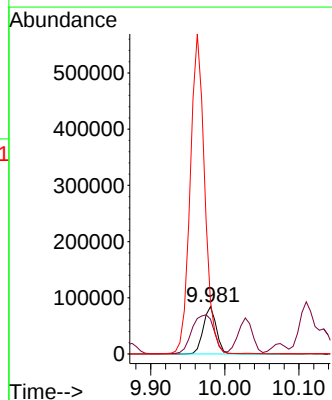
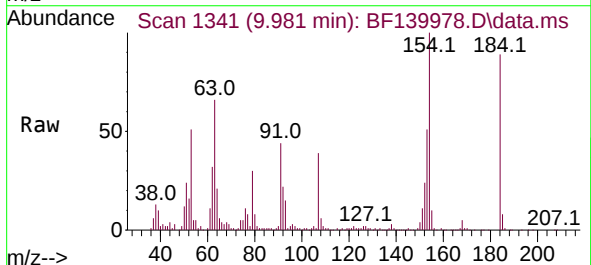
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

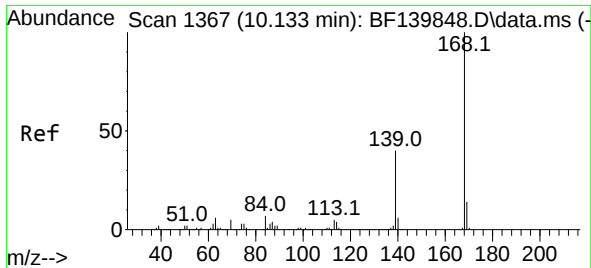
Tgt Ion:138 Resp: 115993
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 118.2 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 68.232 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:184 Resp: 103426
Ion Ratio Lower Upper
184 100
63 73.7 84.7 127.1#
154 112.2 338.2 507.2#

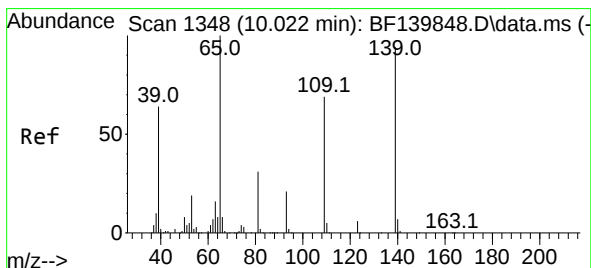
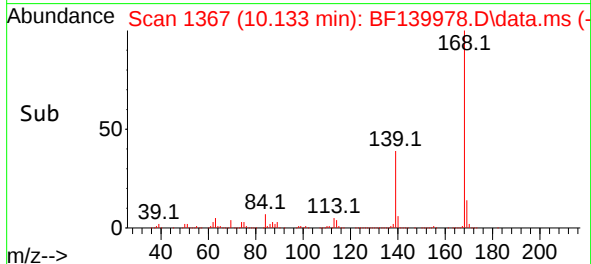
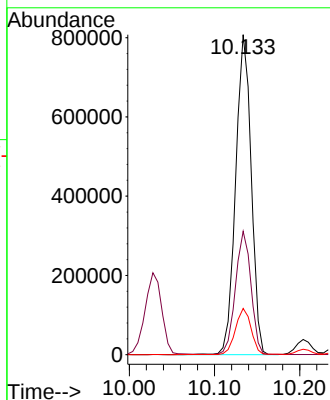
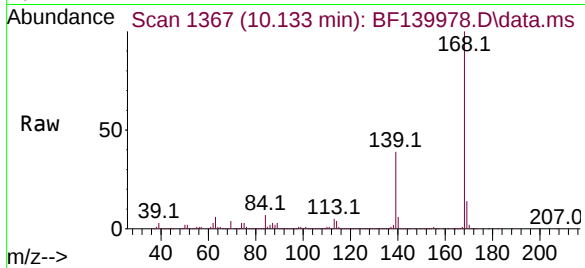




#55
Dibenzenofuran
Concen: 49.582 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

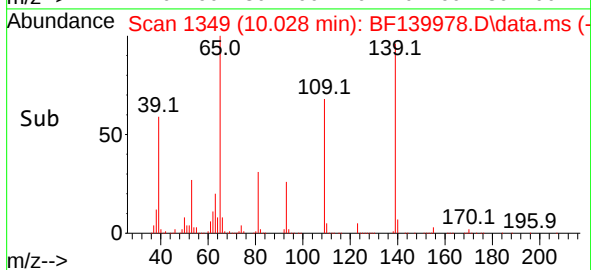
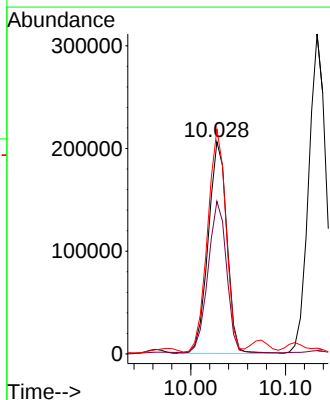
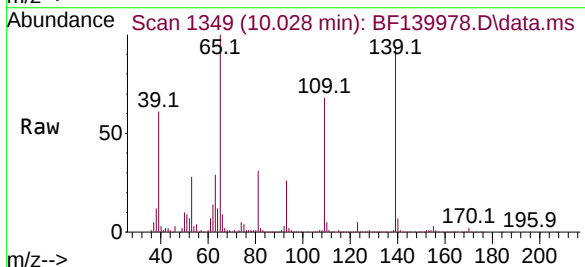
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

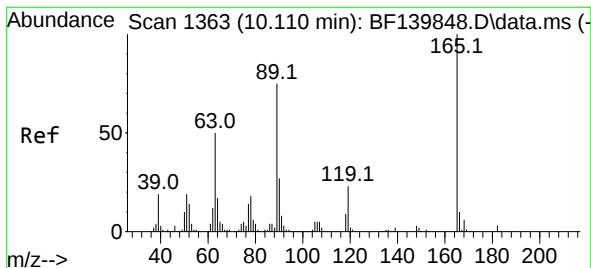
Tgt Ion:168 Resp: 1024790
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6
169 14.5 11.6 17.4



#56
4-Nitrophenol
Concen: 95.616 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:139 Resp: 281070
Ion Ratio Lower Upper
139 100
109 71.9 53.6 93.6
65 105.9 87.8 127.8

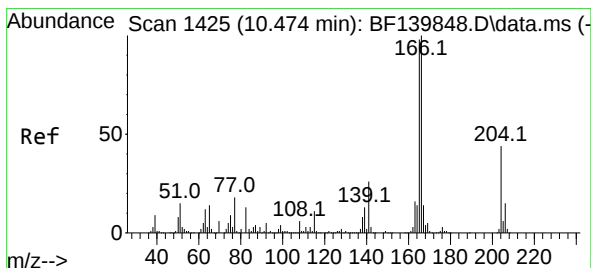
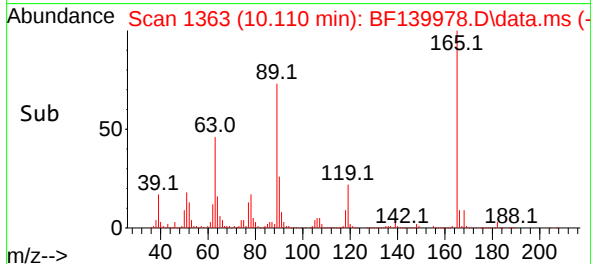
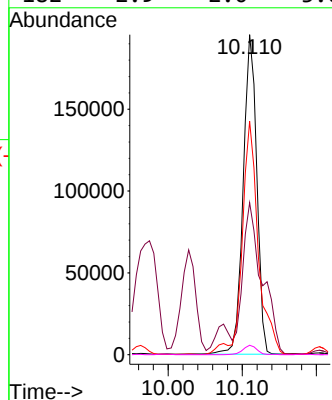
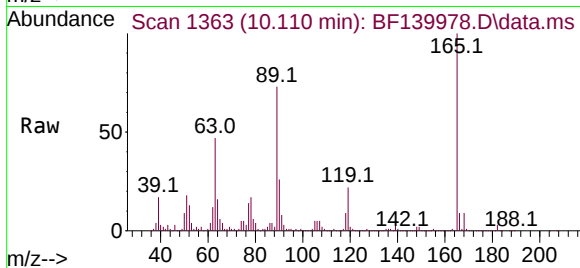




#57
2,4-Dinitrotoluene
Concen: 54.665 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

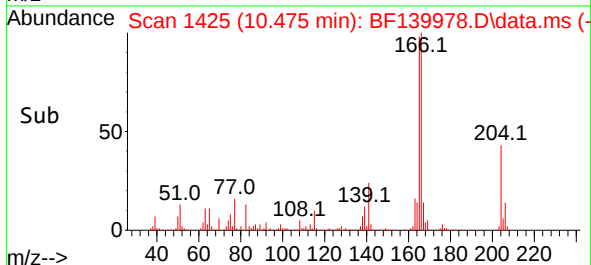
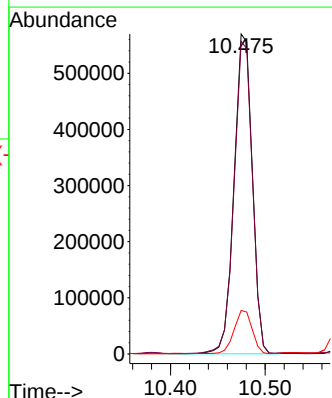
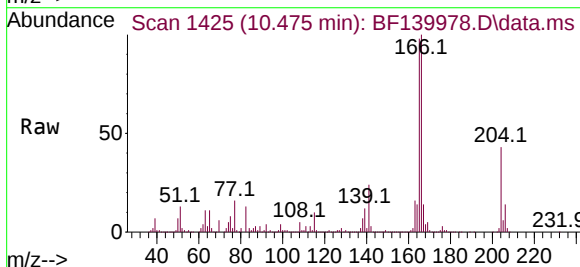
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:165 Resp: 249070
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 73.0 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 48.209 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:166 Resp: 758915
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.483 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

Tgt Ion:232 Resp: 205763

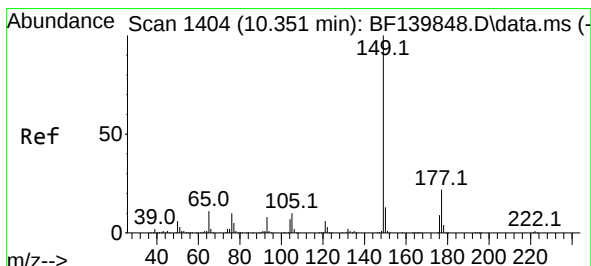
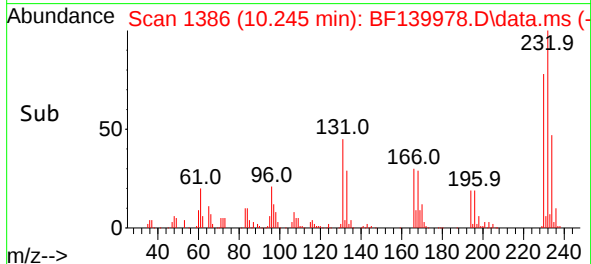
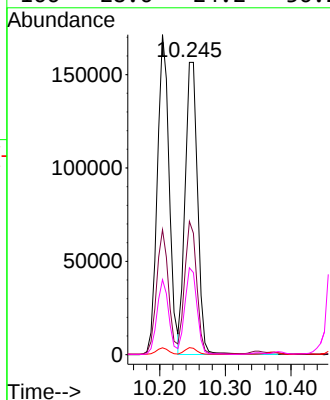
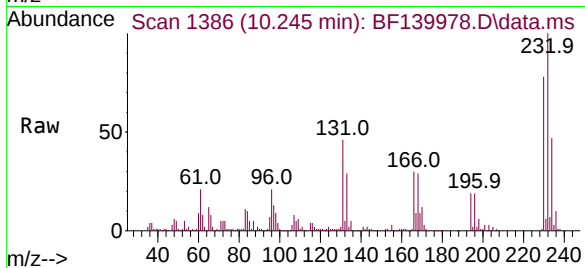
Ion Ratio Lower Upper

232 100

131 43.5 37.0 55.6

130 2.3 1.9 2.9

166 28.6 24.2 36.2



#60

Diethylphthalate

Concen: 50.319 ng

RT: 10.351 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

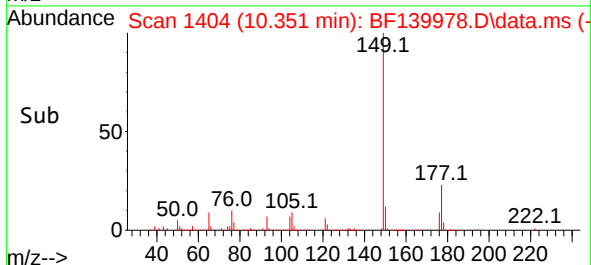
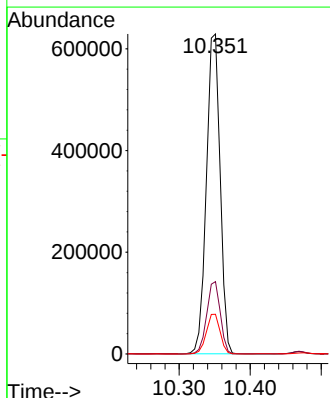
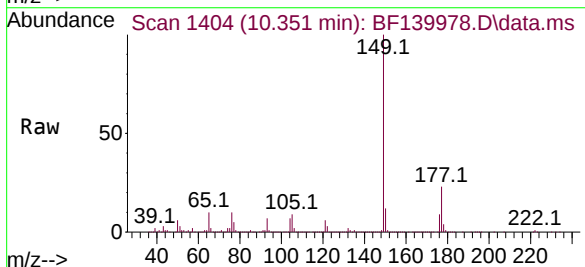
Tgt Ion:149 Resp: 845427

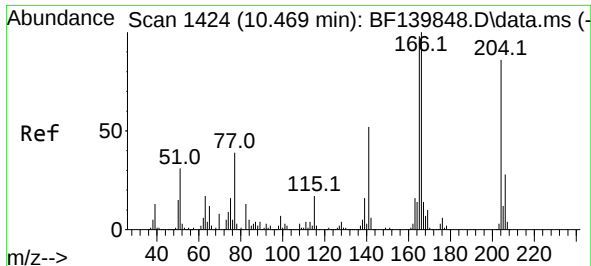
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

150 12.4 10.1 15.1

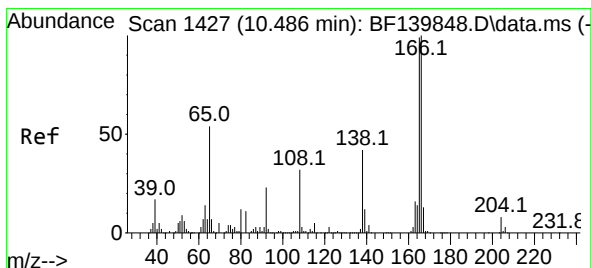
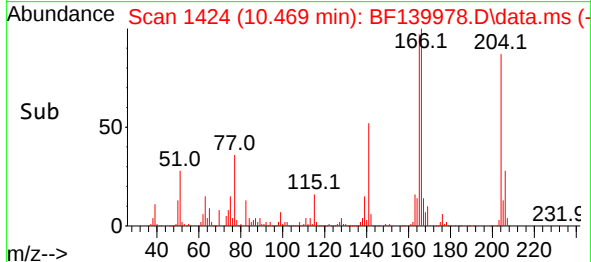
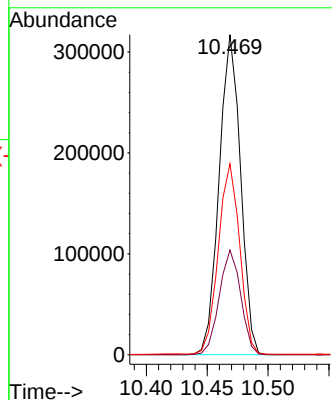
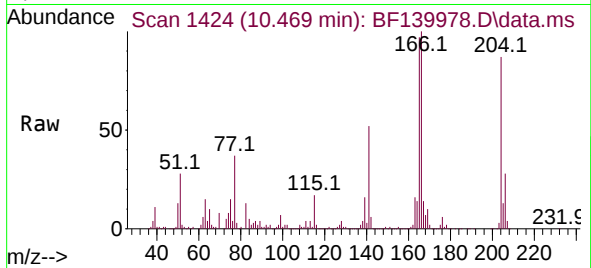




#61
4-Chlorophenyl-phenylether
Concen: 48.840 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

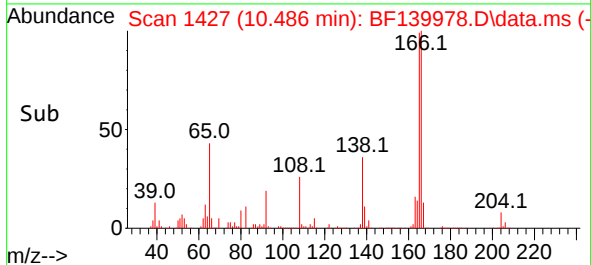
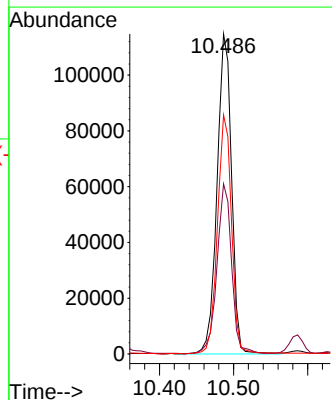
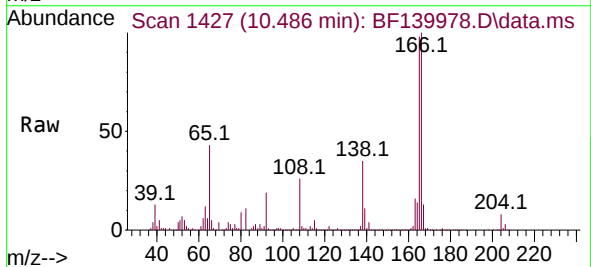
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

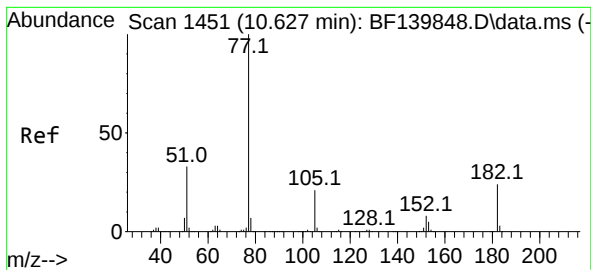
Tgt Ion:204 Resp: 388270
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.6 48.6 73.0



#62
4-Nitroaniline
Concen: 43.251 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:138 Resp: 156078
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 74.7 57.5 97.5



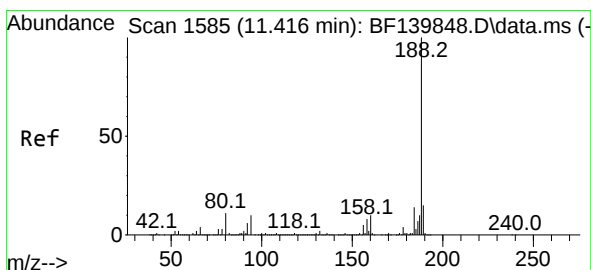
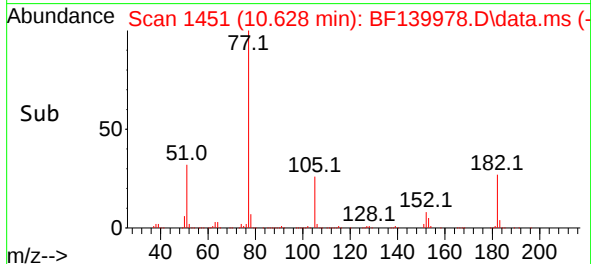
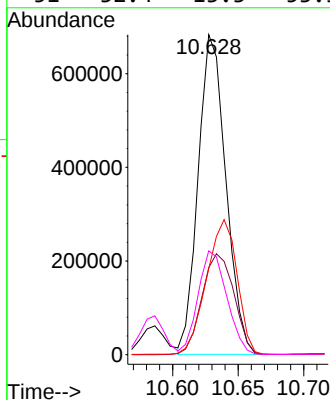
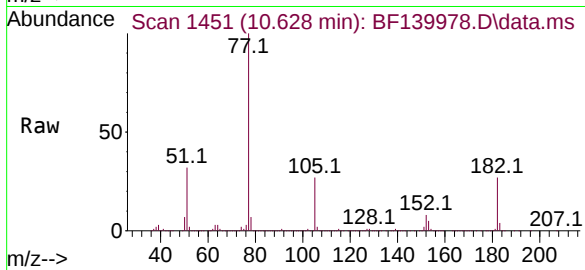


#63
Azobenzene
Concen: 56.368 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion: 77 Resp: 1004048

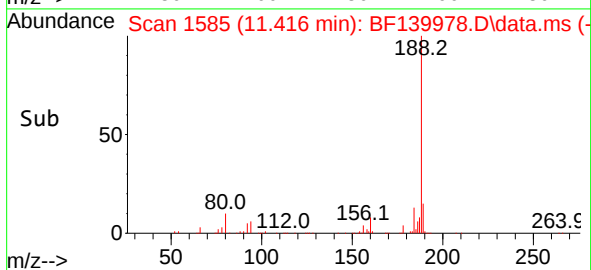
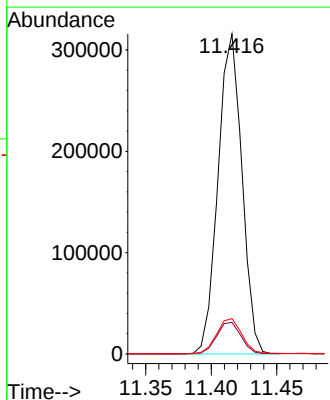
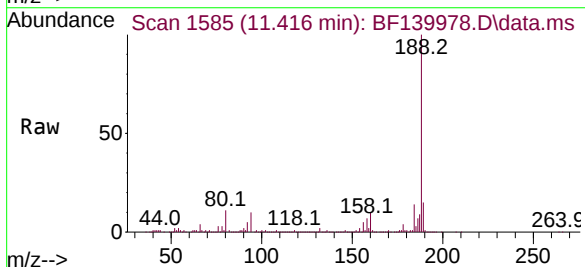
Ion	Ratio	Lower	Upper
77	100		
182	27.2	3.3	43.3
105	26.9	1.2	41.2
51	32.4	13.3	53.3

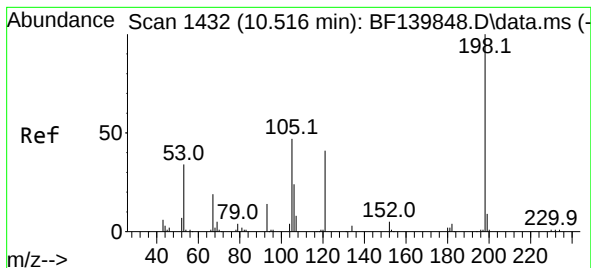


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion: 188 Resp: 399778

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	11.1	9.0	13.4

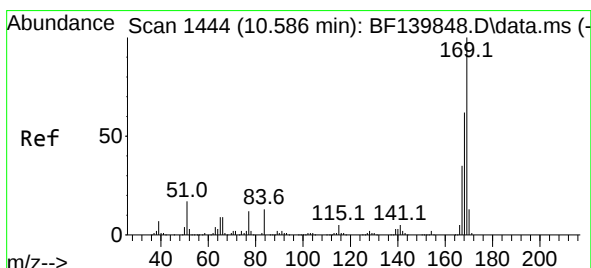
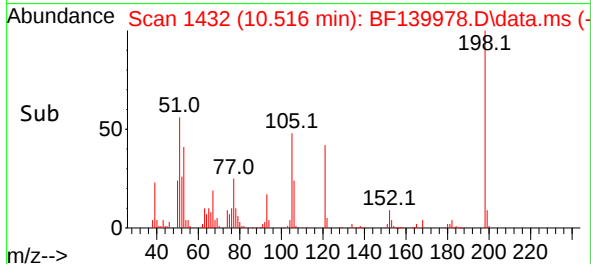
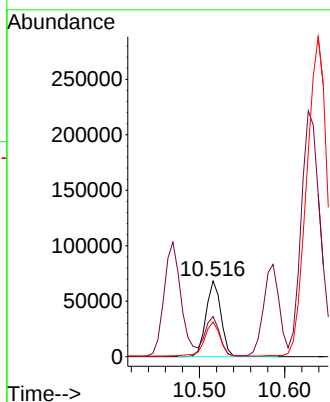
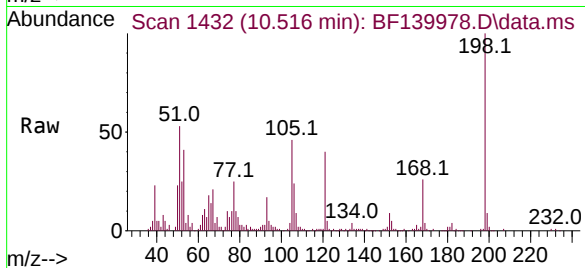




#65
4,6-Dinitro-2-methylphenol
Concen: 51.148 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

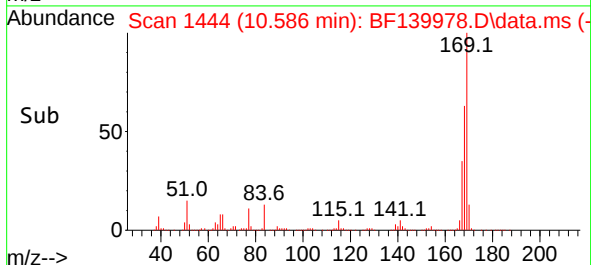
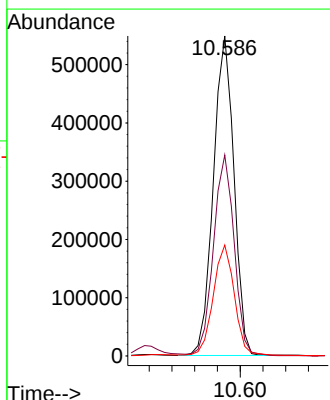
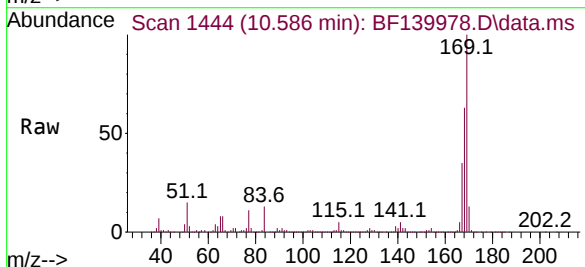
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

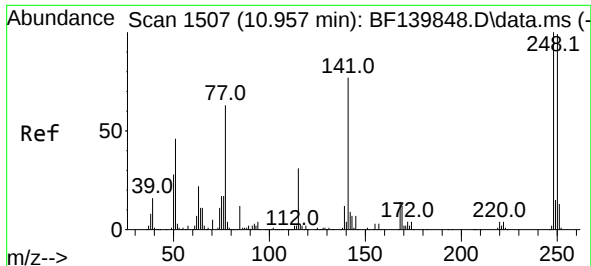
Tgt Ion:198 Resp: 83406
Ion Ratio Lower Upper
198 100
51 53.1 38.2 78.2
105 45.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 57.698 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:169 Resp: 690371
Ion Ratio Lower Upper
169 100
168 62.8 49.8 74.6
167 34.6 28.0 42.0

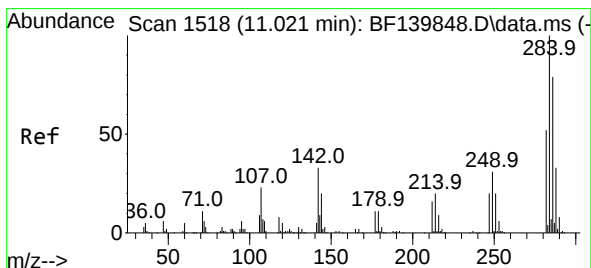
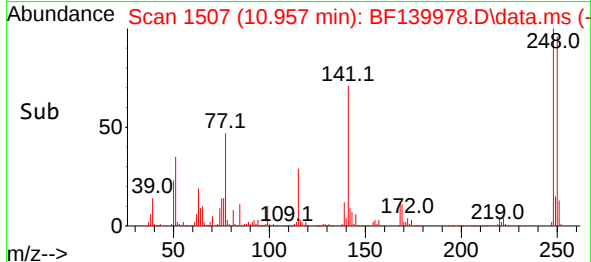
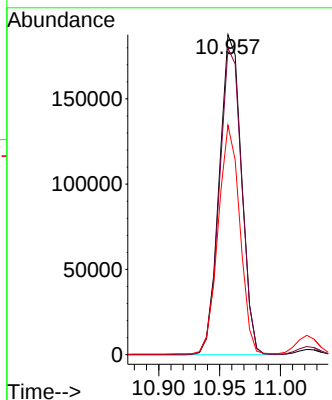
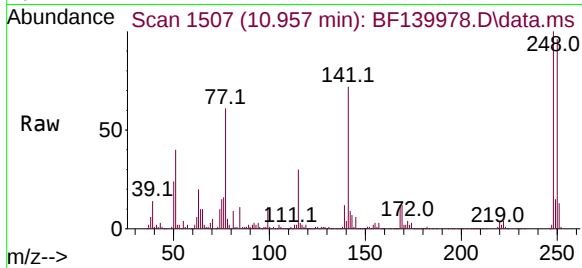




#67
4-Bromophenyl-phenylether
Concen: 57.782 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

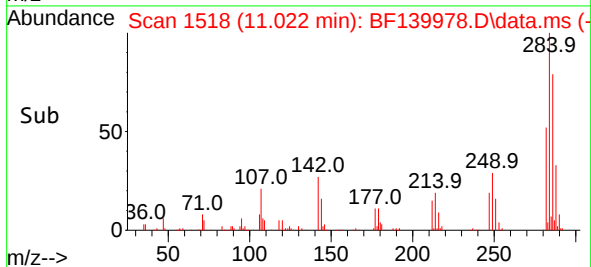
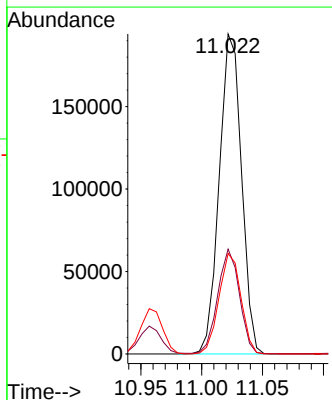
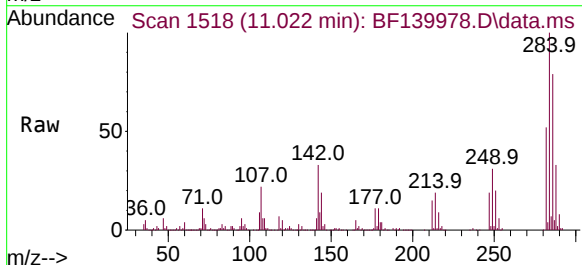
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

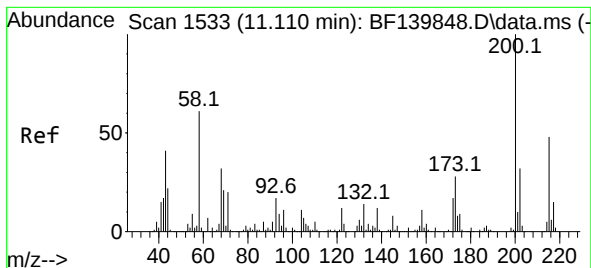
Tgt Ion:248 Resp: 237973
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.6
141 71.7 61.7 92.5



#68
Hexachlorobenzene
Concen: 53.293 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:284 Resp: 246849
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.4 25.3 37.9





#69

Atrazine

Concen: 67.194 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

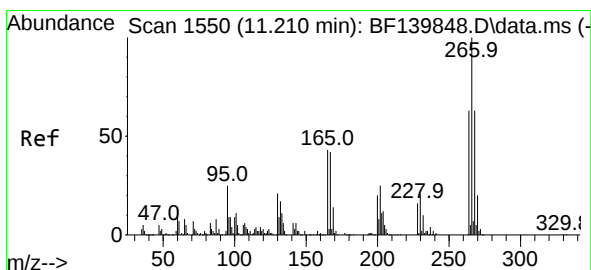
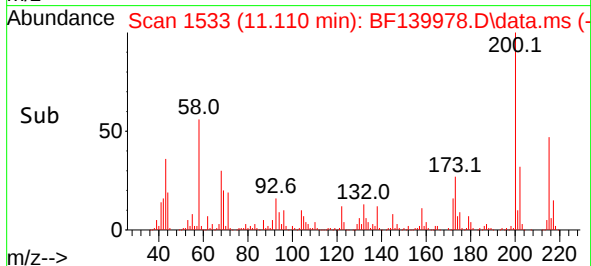
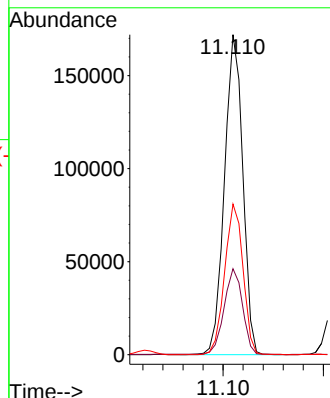
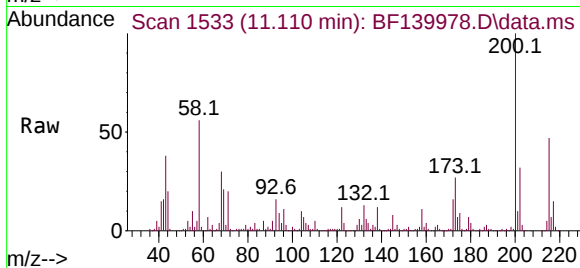
Tgt Ion:200 Resp: 217789

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.1 27.7 67.7



#70

Pentachlorophenol

Concen: 100.268 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

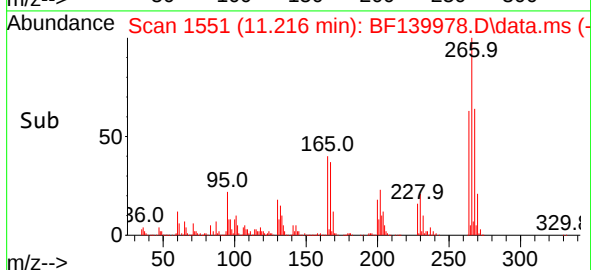
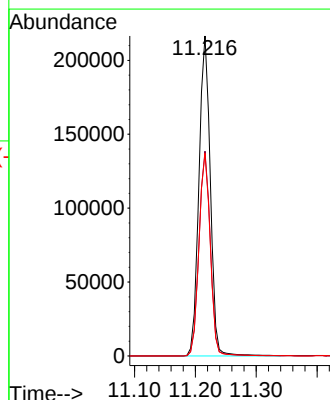
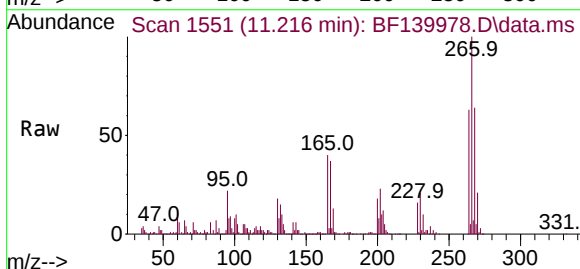
Tgt Ion:266 Resp: 281865

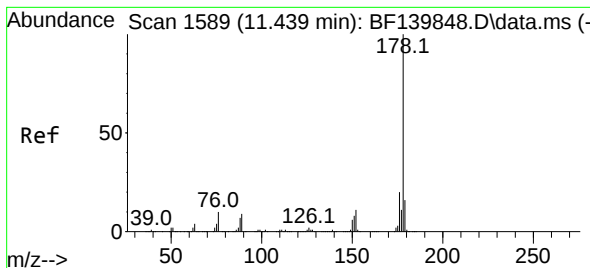
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.4 50.6 75.8





#71

Phenanthrene

Concen: 57.104 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

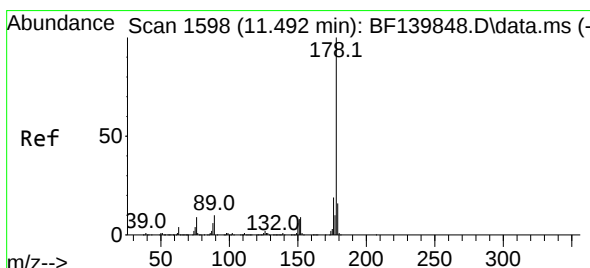
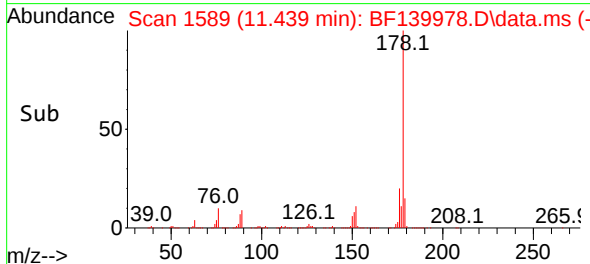
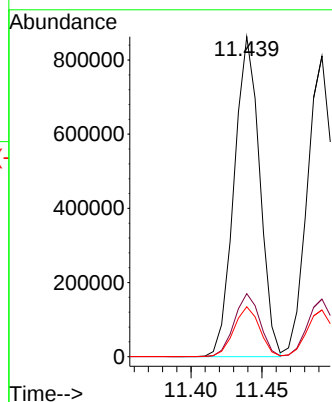
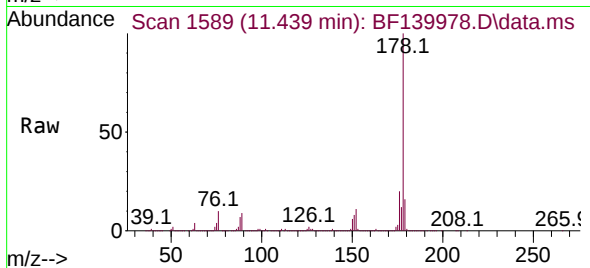
Tgt Ion:178 Resp: 1078344

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 55.429 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

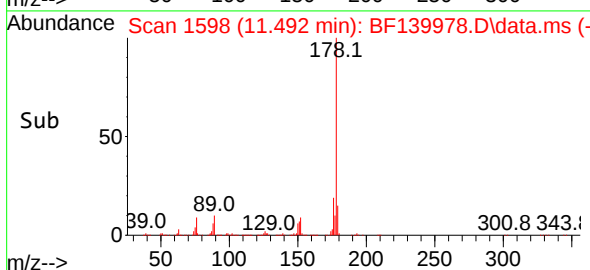
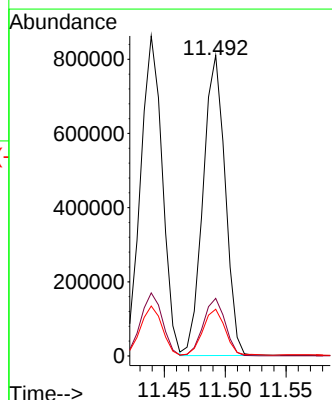
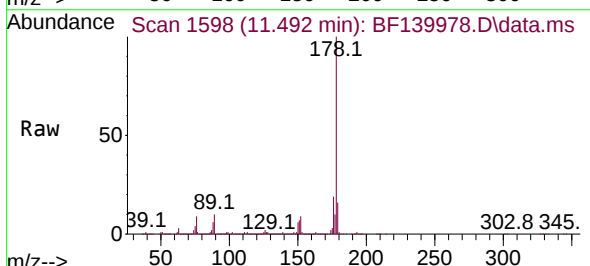
Tgt Ion:178 Resp: 1021269

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6





#73

Carbazole

Concen: 49.928 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139978.D

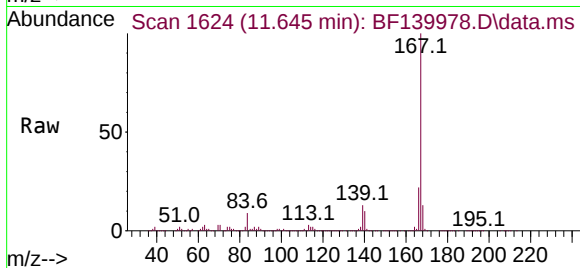
Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD



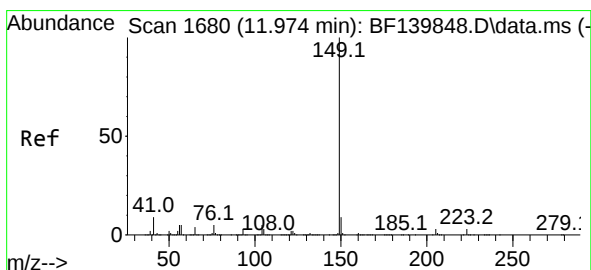
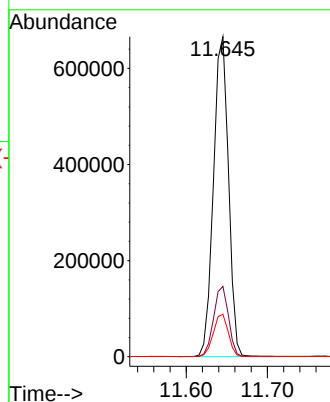
Tgt Ion:167 Resp: 855533

Ion	Ratio	Lower	Upper
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167	100		
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166	21.9	17.0	25.6
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139	13.3	10.8	16.2
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#74

Di-n-butylphthalate

Concen: 56.626 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

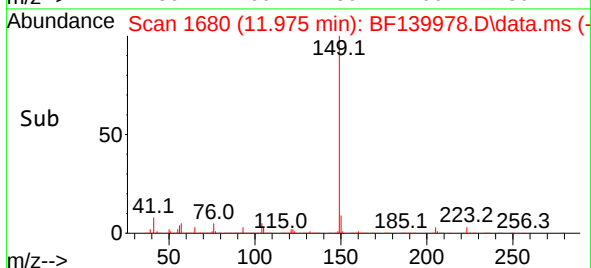
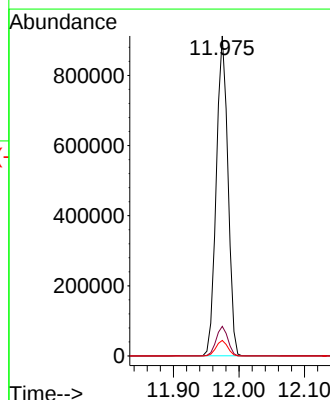
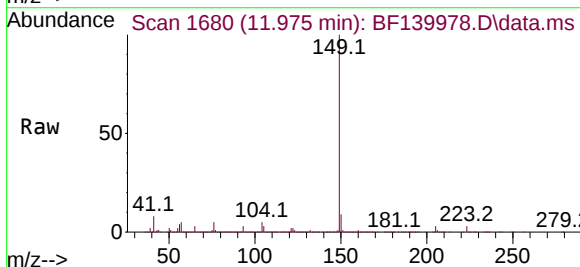
Tgt Ion:149 Resp: 1121037

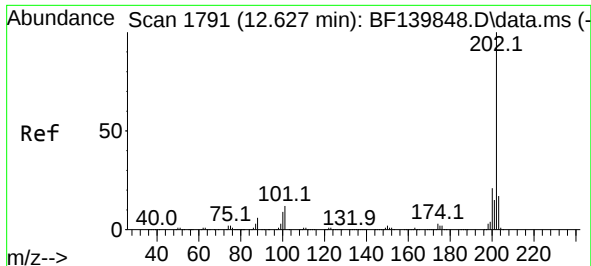
Ion	Ratio	Lower	Upper
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149	100		
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150	9.3	7.5	11.3
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104	4.9	4.1	6.1
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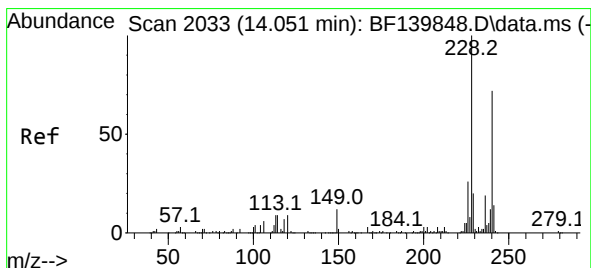
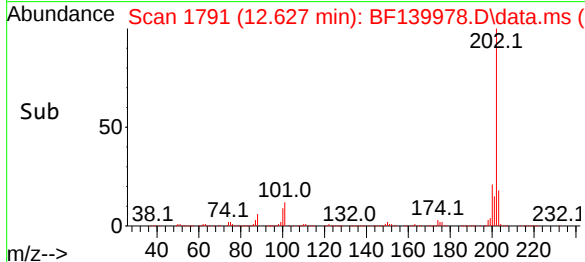
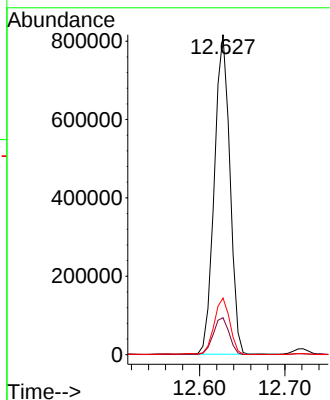
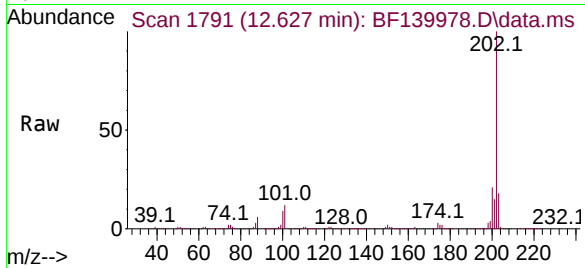




#75
Fluoranthene
Concen: 54.068 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

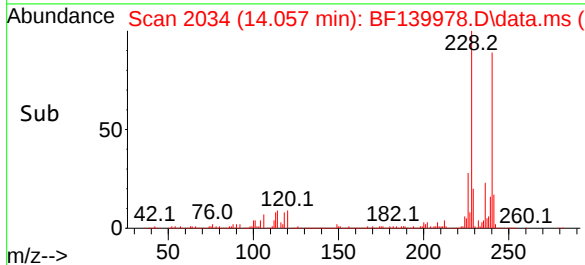
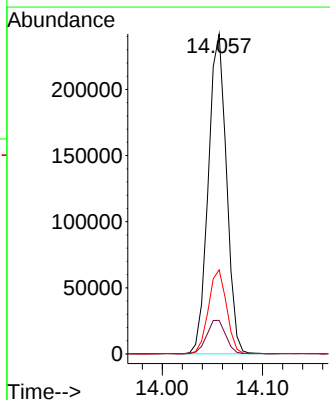
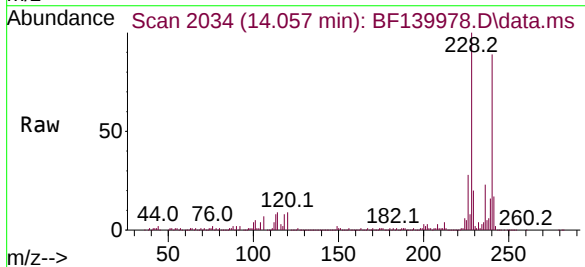
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

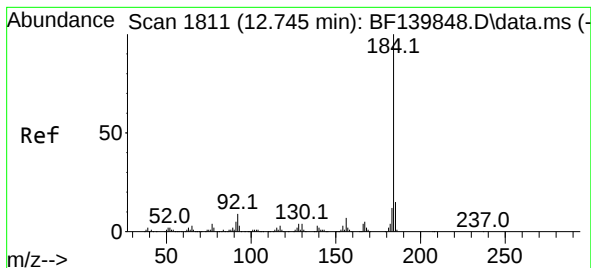
Tgt Ion:202 Resp: 1032153
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:240 Resp: 304493
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 53.370 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

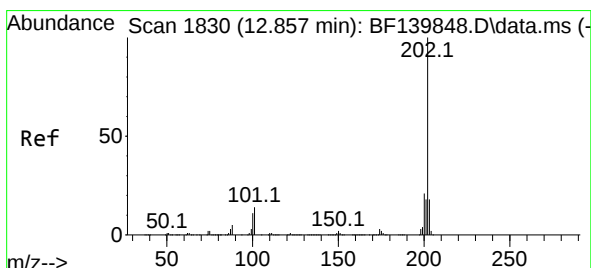
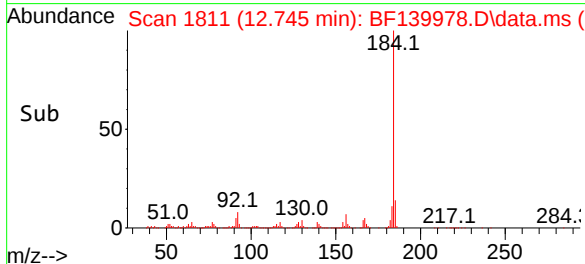
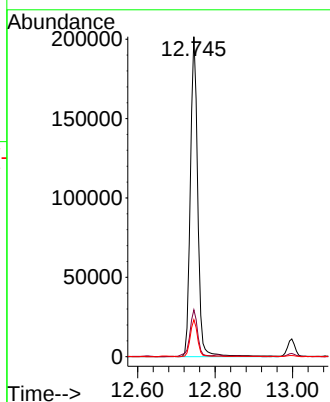
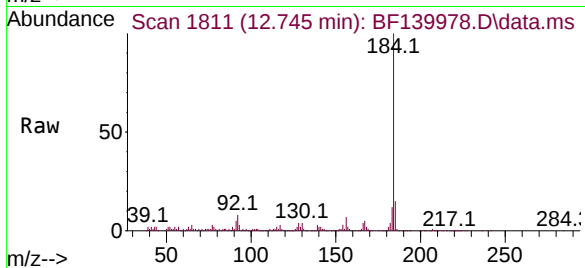
Tgt Ion:184 Resp: 267220

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 11.5 9.4 14.2



#78

Pyrene

Concen: 41.134 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

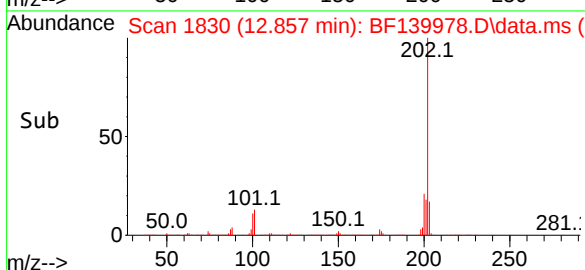
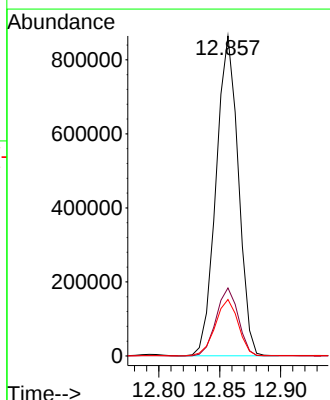
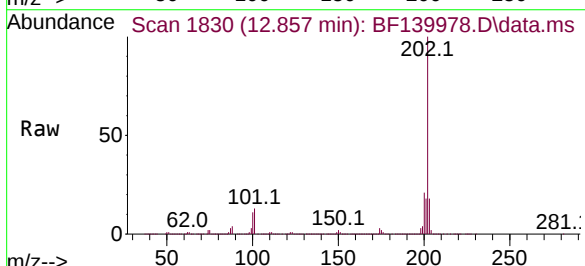
Tgt Ion:202 Resp: 1096357

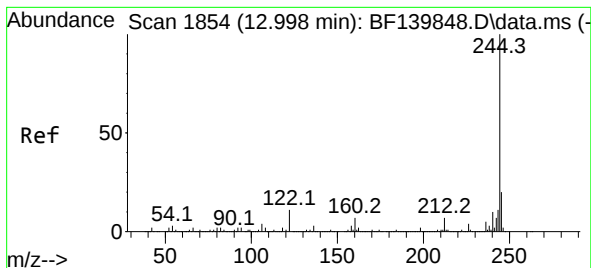
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 62.684 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

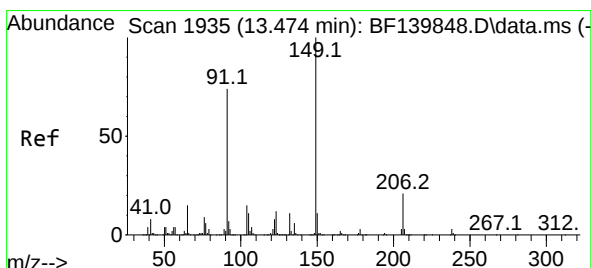
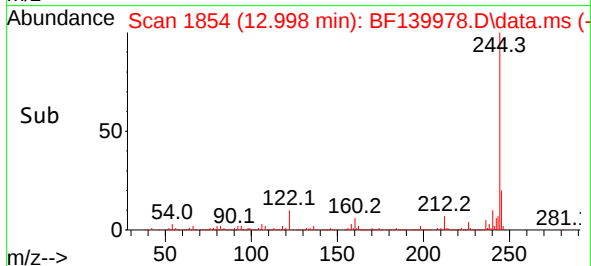
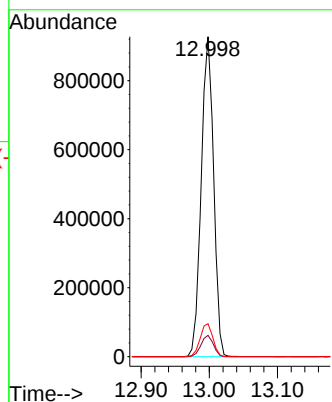
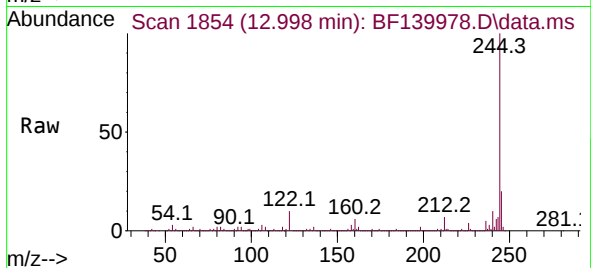
Tgt Ion:244 Resp: 1171336

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 56.542 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

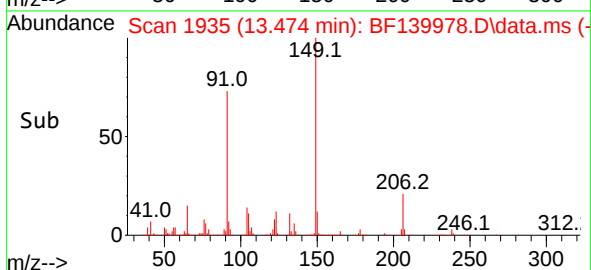
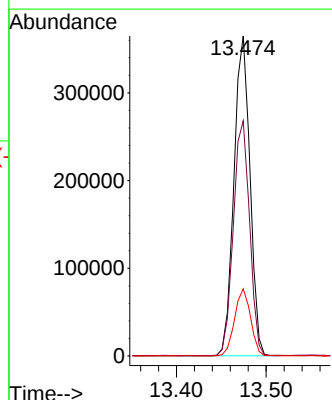
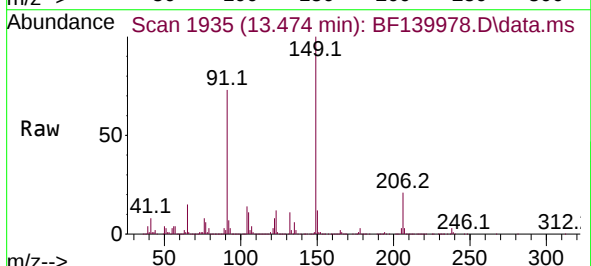
Tgt Ion:149 Resp: 451808

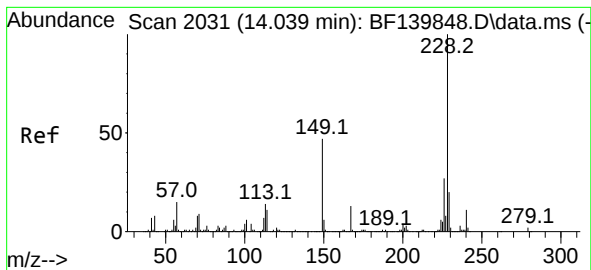
Ion Ratio Lower Upper

149 100

91 73.5 59.4 89.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.564 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

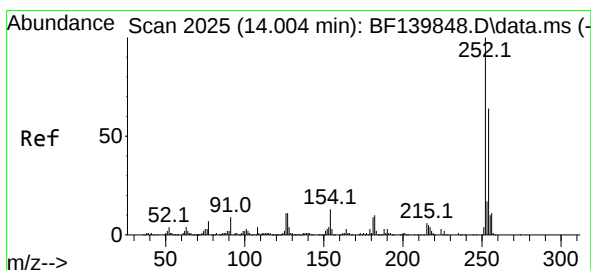
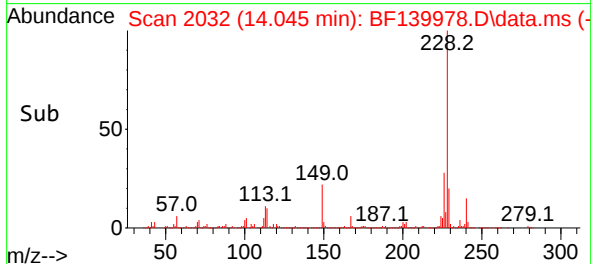
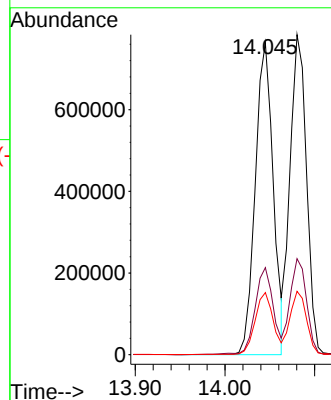
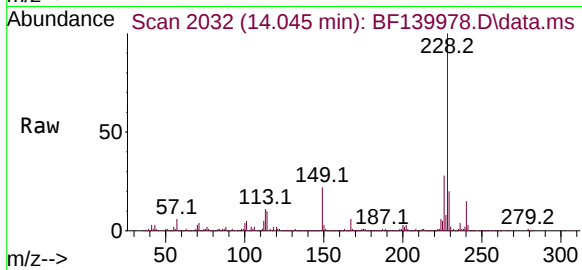
Tgt Ion:228 Resp: 1061721

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.535 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

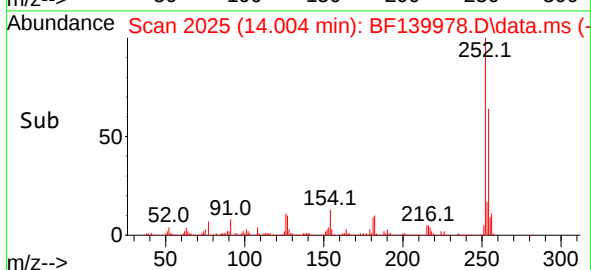
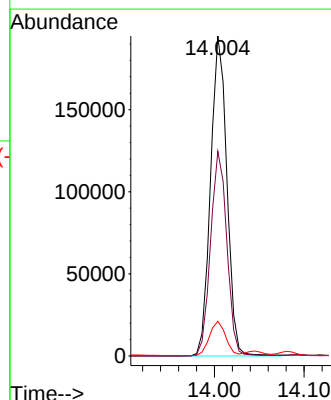
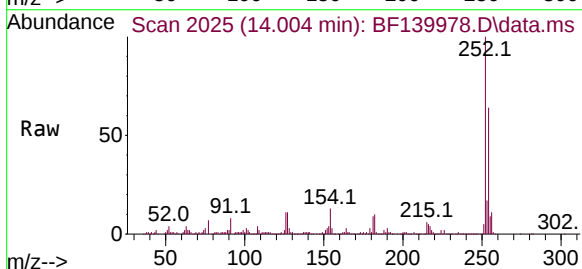
Tgt Ion:252 Resp: 245824

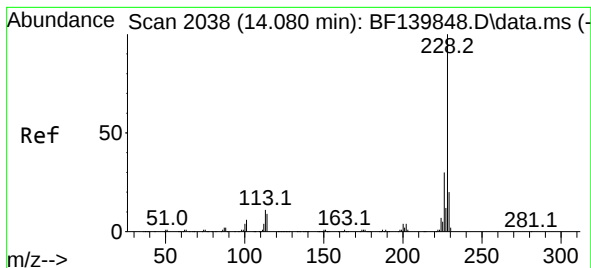
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 54.694 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

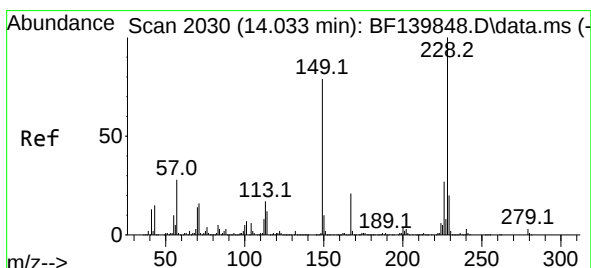
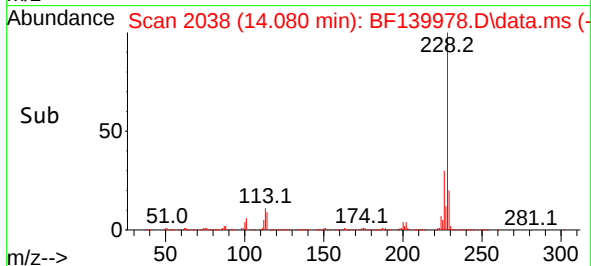
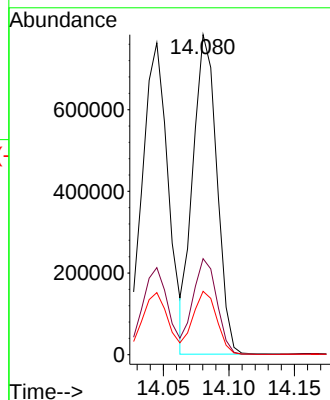
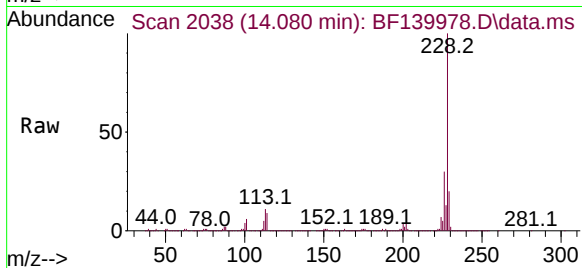
Tgt Ion:228 Resp: 994000

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.187 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

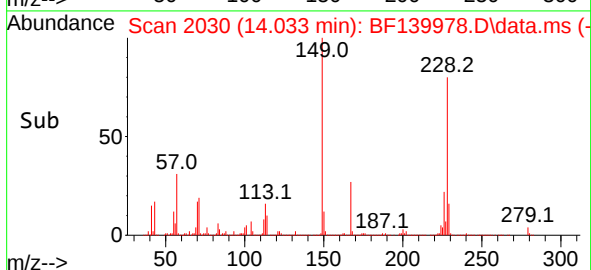
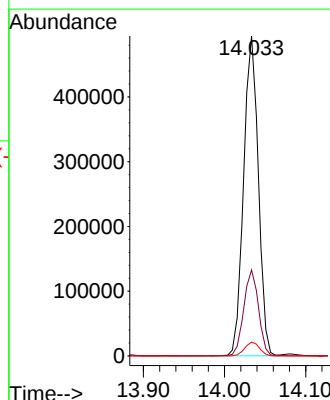
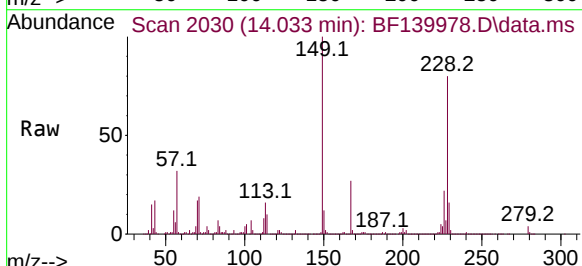
Tgt Ion:149 Resp: 620274

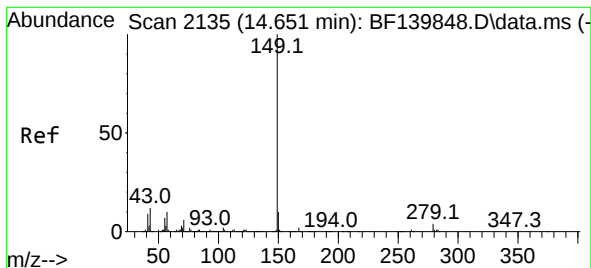
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 69.452 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

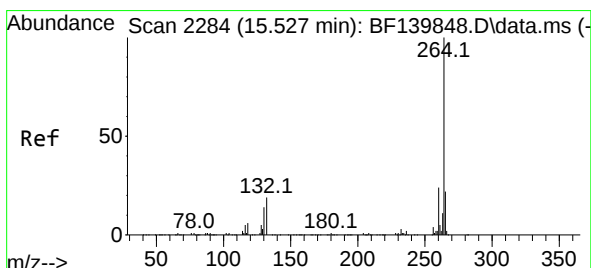
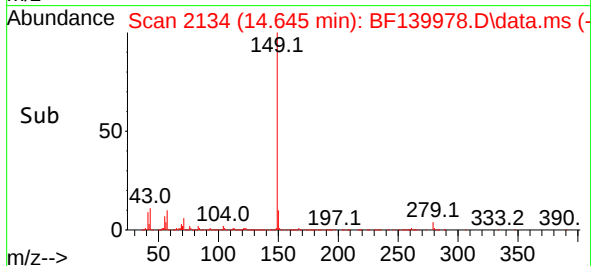
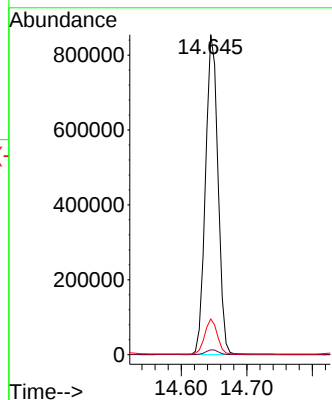
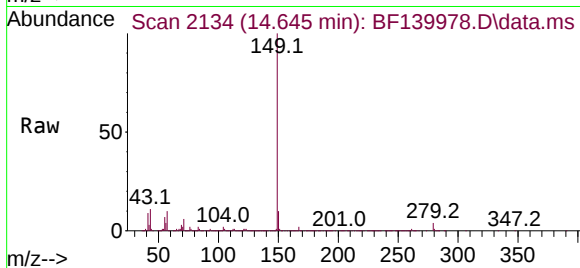
Tgt Ion:149 Resp: 1132521

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

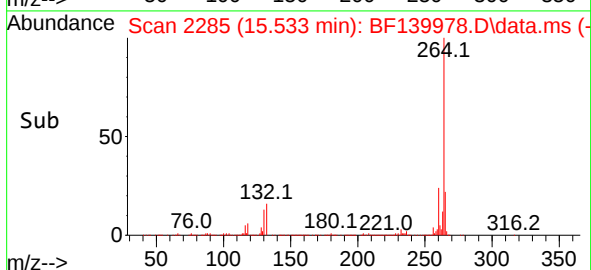
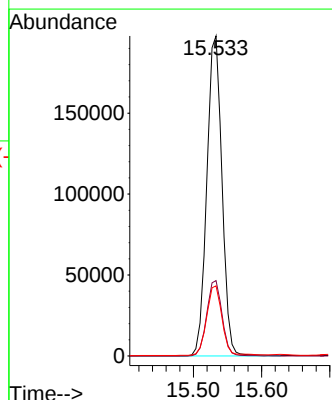
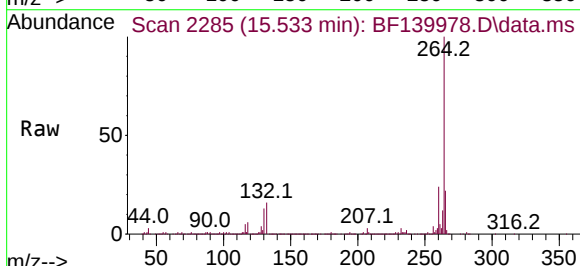
Tgt Ion:264 Resp: 305520

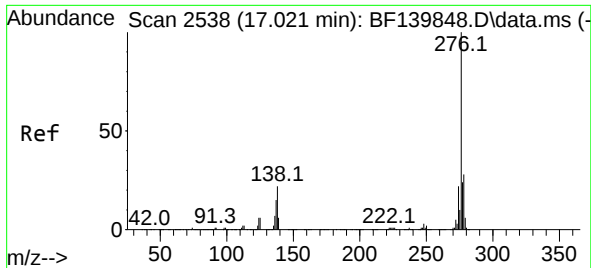
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.9 17.4 26.0

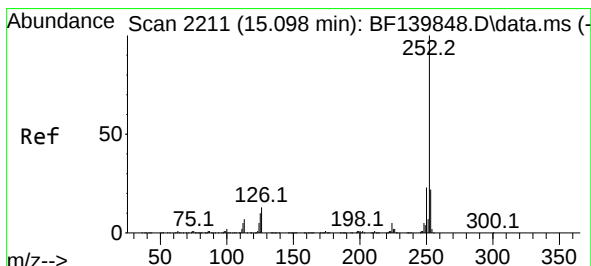
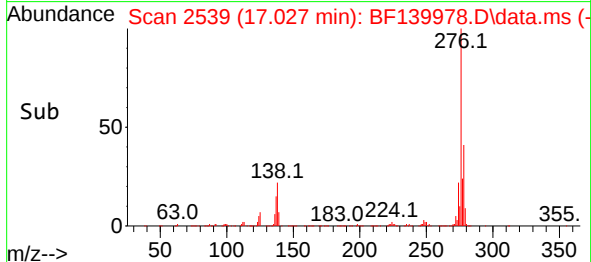
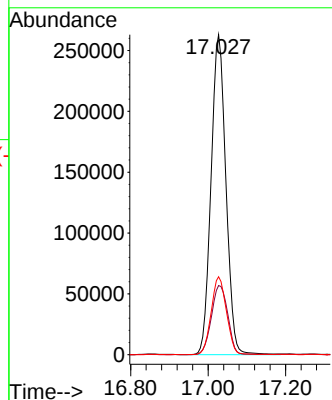
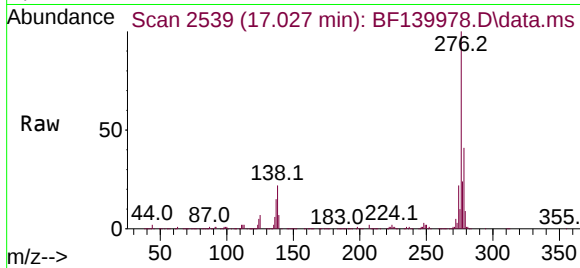




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.599 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

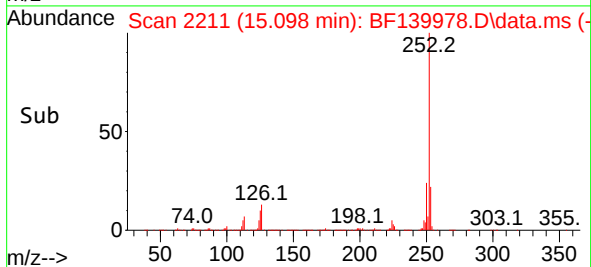
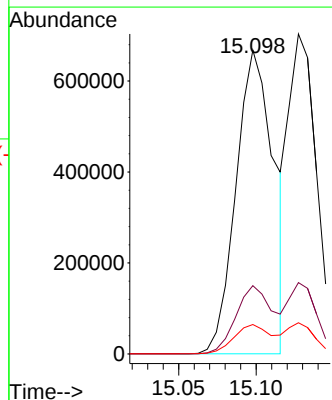
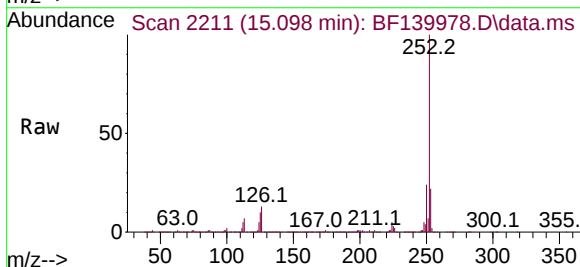
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

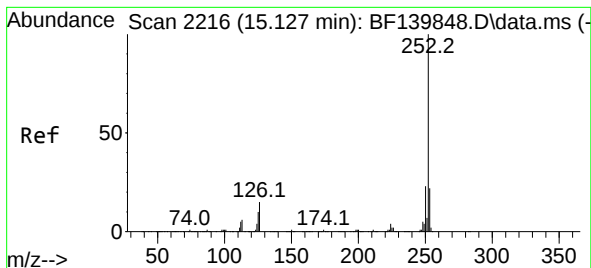
Tgt Ion:276 Resp: 699702
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.0 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 60.624 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:252 Resp: 1128273
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 54.825 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMSD

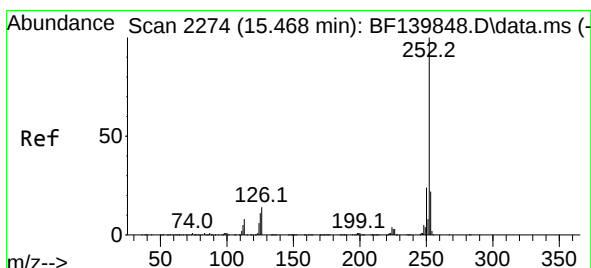
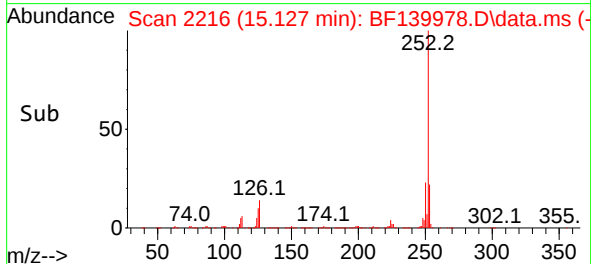
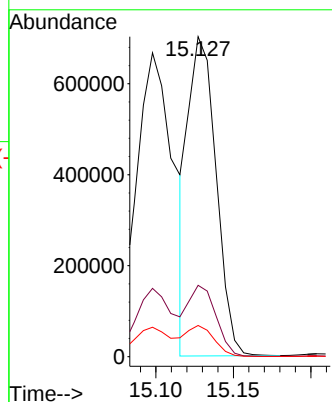
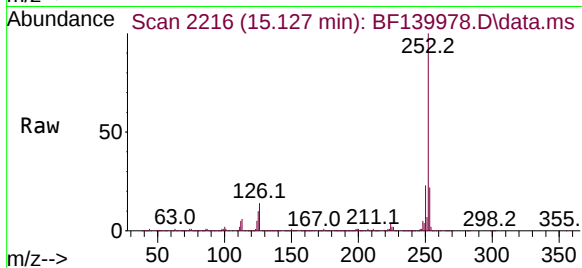
Tgt Ion:252 Resp: 879963

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 57.896 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139978.D

Acq: 23 Oct 2024 21:49

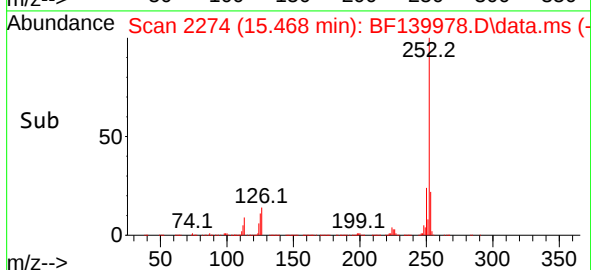
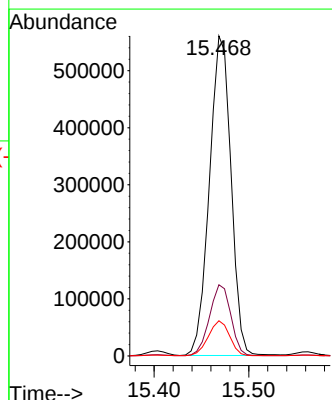
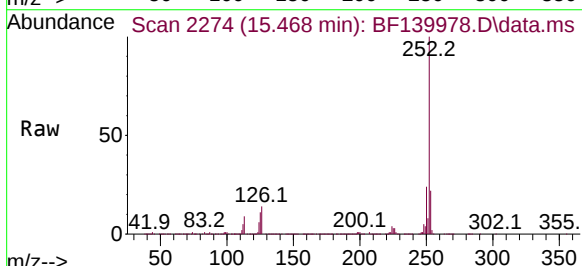
Tgt Ion:252 Resp: 886606

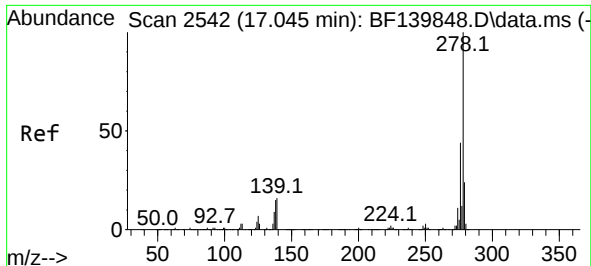
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.0 8.7 13.1

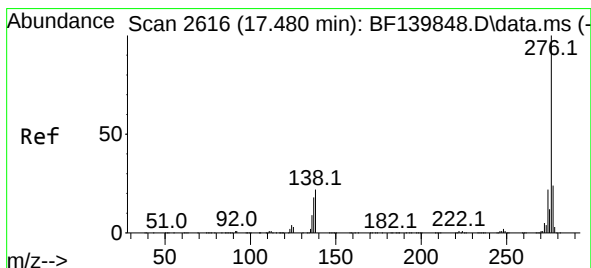
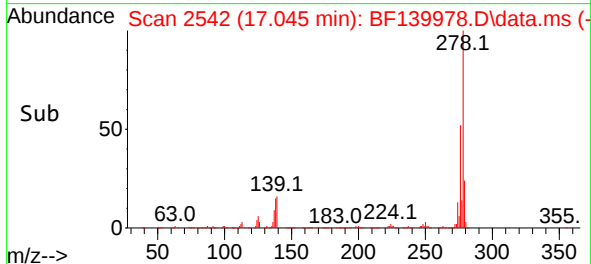
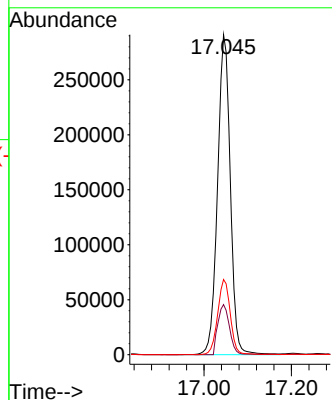
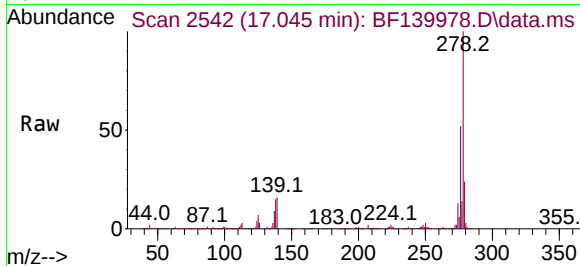




#91
Dibenzo(a,h)anthracene
Concen: 35.788 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Tgt Ion:278 Resp: 586803
Ion Ratio Lower Upper
278 100
139 15.7 13.1 19.7
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 30.555 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF139978.D
Acq: 23 Oct 2024 21:49

Tgt Ion:276 Resp: 500438
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 20.8 17.4 26.0

