

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139977.D
 Acq On : 23 Oct 2024 21:20
 Operator : RC/JU
 Sample : P4397-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS

Quant Time: Oct 24 01:12:30 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	6.893	152	145039	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	535106	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	263539	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	377320	20.000	ng	0.00
76) Chrysene-d12	14.057	240	297713	20.000	ng	0.00
86) Perylene-d12	15.527	264	304160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1061586	114.583	ng	0.02
7) Phenol-d6	6.516	99	1332741	111.067	ng	0.00
23) Nitrobenzene-d5	7.451	82	842035	87.214	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	280549	113.810	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1397699	87.652	ng	0.00
79) Terphenyl-d14	12.998	244	1145736	62.710	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	203136	47.026	ng	94
3) Pyridine	3.522	79	486426	45.430	ng	96
4) n-Nitrosodimethylamine	3.475	42	271618	47.216	ng	95
6) Aniline	6.551	93	341256	30.515	ng	97
8) 2-Chlorophenol	6.675	128	485993	51.312	ng	97
9) Benzaldehyde	6.440	77	127637	18.908	ng	97
10) Phenol	6.528	94	610866	49.380	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	476724	49.858	ng	98
12) 1,3-Dichlorobenzene	6.834	146	529757	48.725	ng	98
13) 1,4-Dichlorobenzene	6.910	146	536427	49.385	ng	99
14) 1,2-Dichlorobenzene	7.063	146	514070	50.709	ng	97
15) Benzyl Alcohol	7.028	79	437440	49.698	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	777285	47.675	ng	97
17) 2-Methylphenol	7.140	107	399548	49.472	ng	99
18) Hexachloroethane	7.404	117	189431	48.905	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	343817	47.243	ng	95
20) 3+4-Methylphenols	7.287	107	488080	47.248	ng	95
22) Acetophenone	7.298	105	656515	50.091	ng	97
24) Nitrobenzene	7.469	77	521971	49.310	ng	99
25) Isophorone	7.710	82	934740	51.009	ng	99
26) 2-Nitrophenol	7.787	139	239518	59.978	ng	95
27) 2,4-Dimethylphenol	7.816	122	387363	58.173	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	559563	50.400	ng	100
29) 2,4-Dichlorophenol	8.022	162	379393	50.022	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	409284	48.768	ng	100
31) Naphthalene	8.192	128	1392449	50.456	ng	100
32) Benzoic acid	7.916	122	225970	38.908	ng	98
33) 4-Chloroaniline	8.240	127	118687	12.612	ng	97
34) Hexachlorobutadiene	8.310	225	265253	50.303	ng	99
35) Caprolactam	8.604	113	117992	48.926	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	401310	47.785	ng	99
37) 2-Methylnaphthalene	8.887	142	852979	50.467	ng	100
38) 1-Methylnaphthalene	8.987	142	789589	47.615	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	395277	55.595	ng	99
41) Hexachlorocyclopentadiene	9.039	237	174108	70.378	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	277530	55.134	ng	99

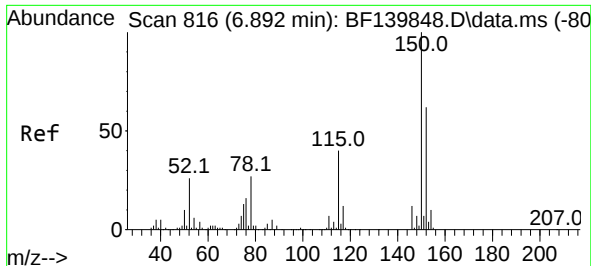
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259382	49.944	ng	99
46) 1,1'-Biphenyl	9.351	154	972821	53.026	ng	100
47) 2-Chloronaphthalene	9.375	162	754588	51.068	ng	100
48) 2-Nitroaniline	9.463	65	249911	55.300	ng	96
49) Acenaphthylene	9.792	152	1135463	53.153	ng	100
50) Dimethylphthalate	9.645	163	886466	54.003	ng	100
51) 2,6-Dinitrotoluene	9.710	165	186311	52.419	ng	95
52) Acenaphthene	9.963	154	747502	54.092	ng	98
53) 3-Nitroaniline	9.875	138	110802	30.230	ng	96
54) 2,4-Dinitrophenol	9.981	184	77722	54.865	ng	# 1
55) Dibenzofuran	10.134	168	985836	49.722	ng	98
56) 4-Nitrophenol	10.028	139	263177	93.328	ng	98
57) 2,4-Dinitrotoluene	10.110	165	235726	53.932	ng	# 96
58) Fluorene	10.475	166	728456	48.238	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	195193	47.944	ng	95
60) Diethylphthalate	10.345	149	814166	50.515	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	374831	49.150	ng	98
62) 4-Nitroaniline	10.486	138	147678	42.660	ng	96
63) Azobenzene	10.628	77	961318	56.260	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	66791	43.397	ng	93
66) n-Nitrosodiphenylamine	10.586	169	664599	58.850	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	226580	58.290	ng	96
68) Hexachlorobenzene	11.022	284	236364	54.067	ng	98
69) Atrazine	11.110	200	203957	66.671	ng	100
70) Pentachlorophenol	11.216	266	268299	101.122	ng	99
71) Phenanthrene	11.439	178	1043799	58.565	ng	100
72) Anthracene	11.492	178	991993	57.045	ng	100
73) Carbazole	11.639	167	826188	51.085	ng	99
74) Di-n-butylphthalate	11.975	149	1064494	56.971	ng	99
75) Fluoranthene	12.627	202	1008266	55.960	ng	99
77) Benzidine	12.745	184	205525	41.983	ng	99
78) Pyrene	12.857	202	1063411	40.807	ng	100
80) Butylbenzylphthalate	13.474	149	435867	55.789	ng	98
81) Benzo(a)anthracene	14.045	228	1050257	54.192	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	231442	40.959	ng	99
83) Chrysene	14.080	228	964181	54.261	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	596526	68.054	ng	# 99
85) Di-n-octyl phthalate	14.645	149	1111486	69.714	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	688441	35.183	ng	98
88) Benzo(b)fluoranthene	15.098	252	1103565	59.562	ng	99
89) Benzo(k)fluoranthene	15.127	252	888283	55.591	ng	100
90) Benzo(a)pyrene	15.468	252	876971	57.523	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	578410	35.434	ng	98
92) Benzo(g,h,i)perylene	17.474	276	490321	30.072	ng	99

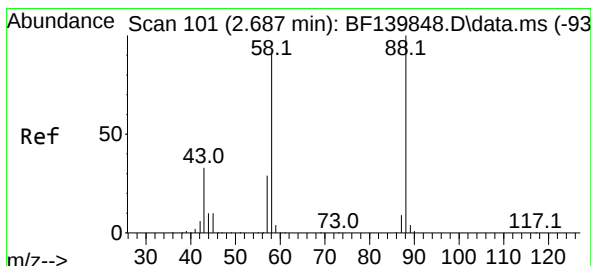
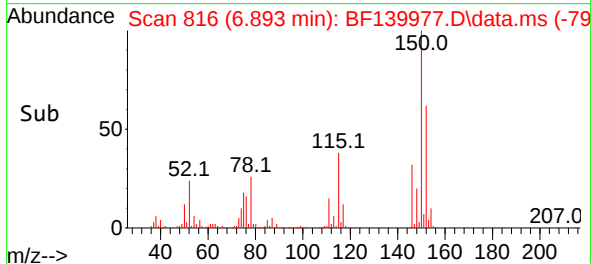
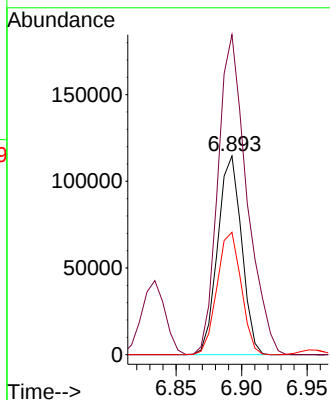
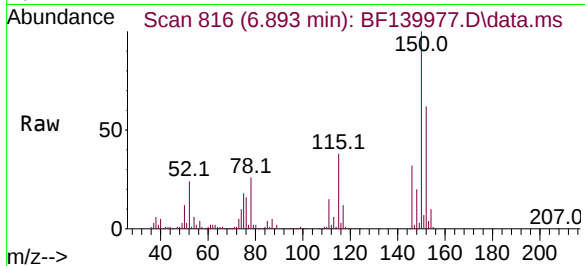
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

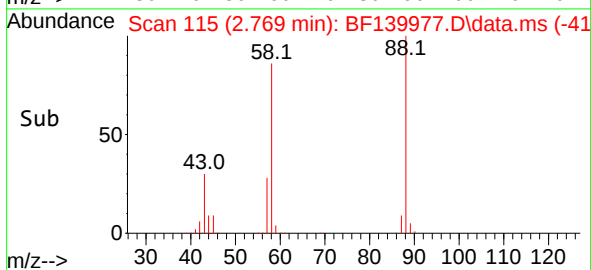
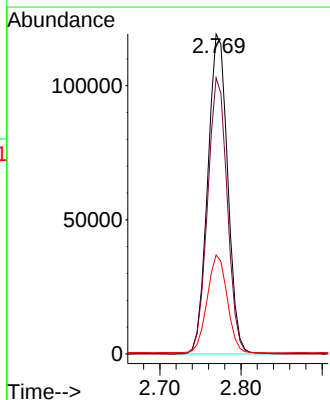
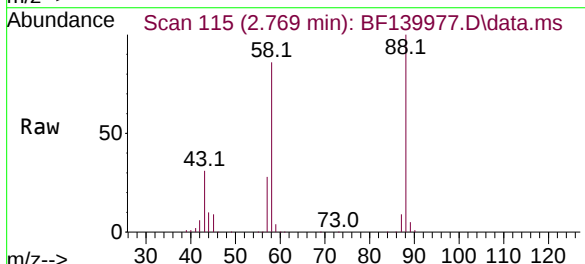
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

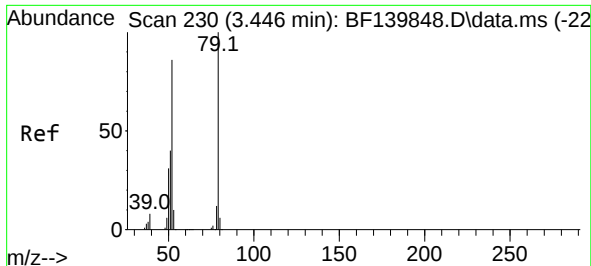
Tgt Ion:152 Resp: 145039
Ion Ratio Lower Upper
152 100
150 161.0 130.2 195.2
115 61.6 51.4 77.2



#2
1,4-Dioxane
Concen: 47.026 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 88 Resp: 203136
Ion Ratio Lower Upper
88 100
58 85.6 73.3 109.9
43 30.7 27.1 40.7





#3

Pyridine

Concen: 45.430 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

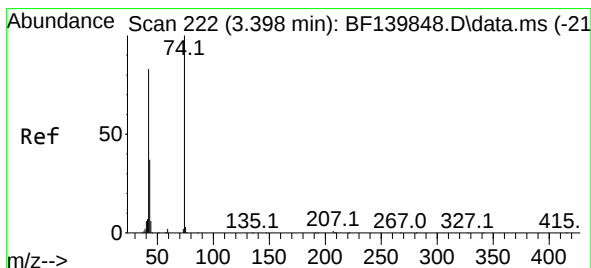
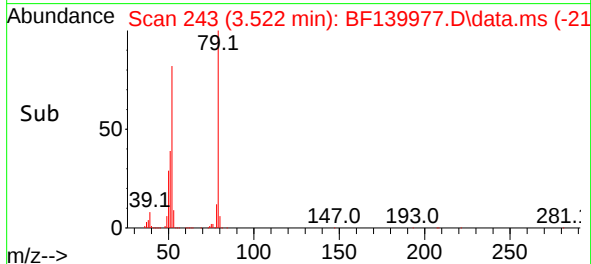
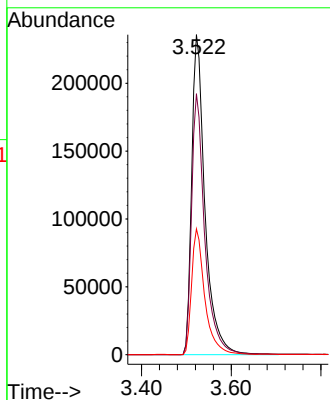
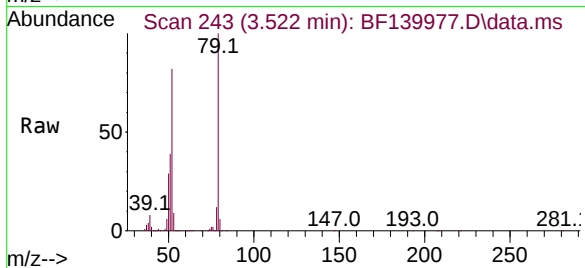
Tgt Ion: 79 Resp: 486426

Ion Ratio Lower Upper

79 100

52 81.5 68.5 102.7

51 39.3 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 47.216 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

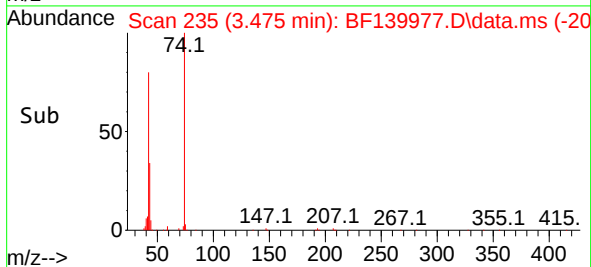
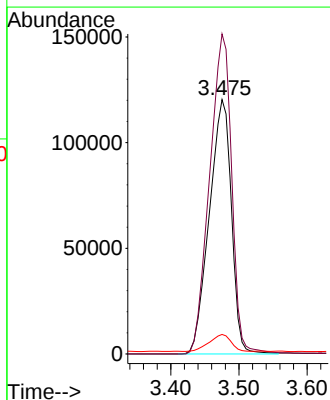
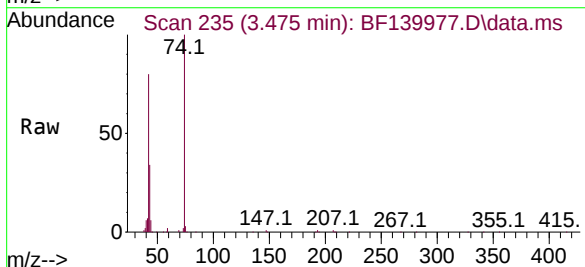
Tgt Ion: 42 Resp: 271618

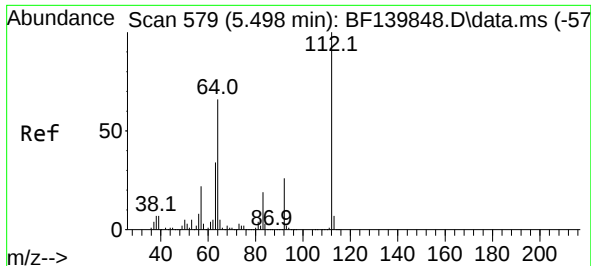
Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

44 7.7 6.2 9.2

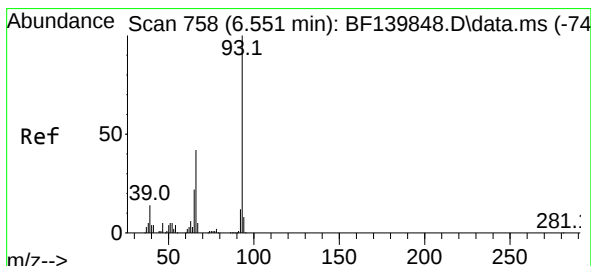
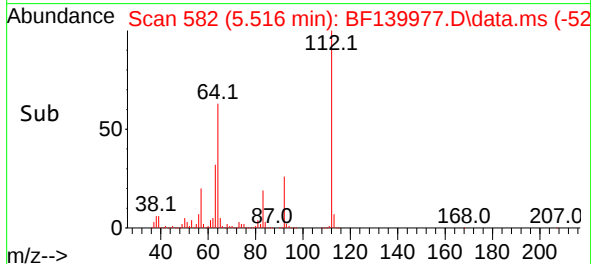
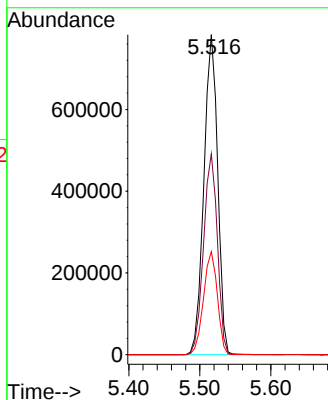
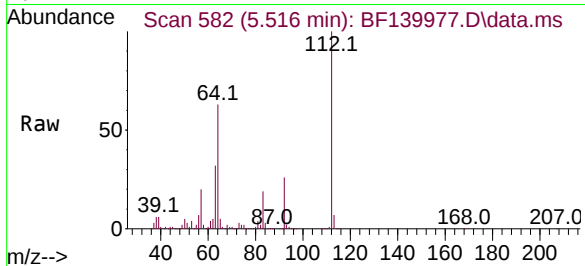




#5
2-Fluorophenol
Concen: 114.583 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

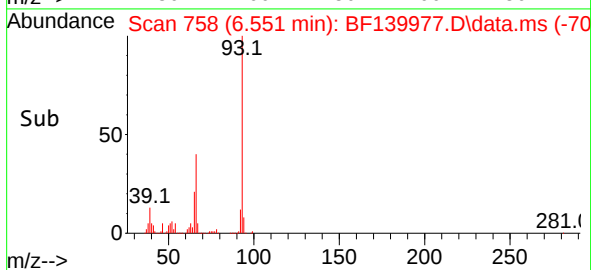
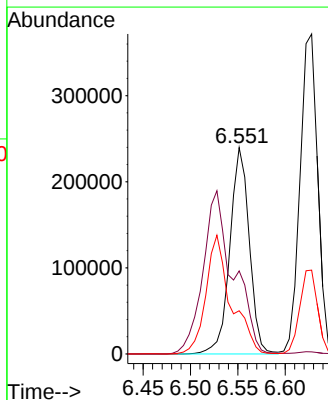
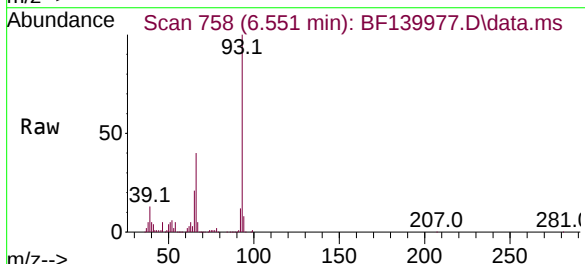
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

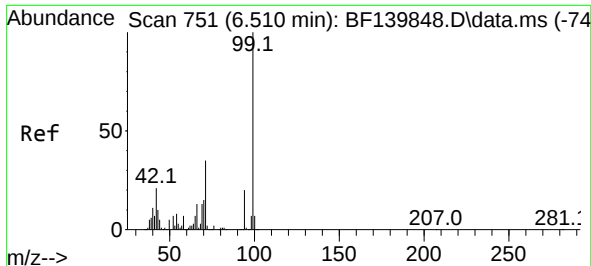
Tgt Ion:112 Resp: 1061586
Ion Ratio Lower Upper
112 100
64 62.7 53.0 79.6
63 32.2 27.0 40.4



#6
Aniline
Concen: 30.515 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 93 Resp: 341256
Ion Ratio Lower Upper
93 100
66 40.3 34.0 51.0
65 21.0 17.4 26.0





#7

Phenol-d6

Concen: 111.067 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

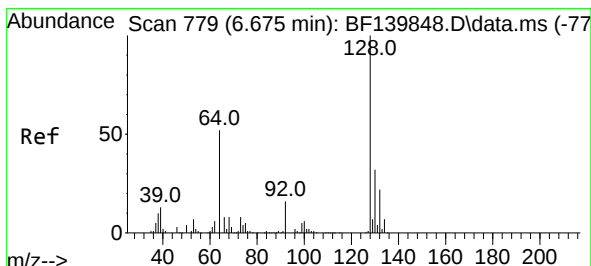
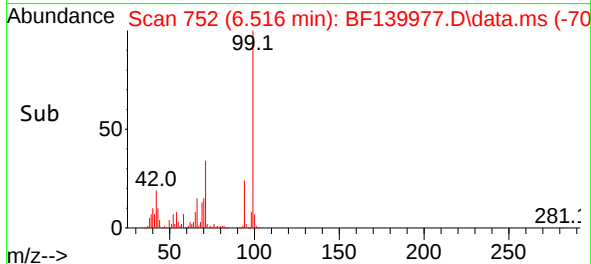
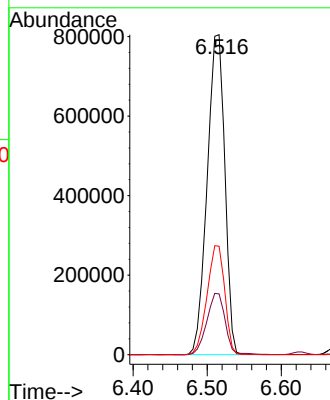
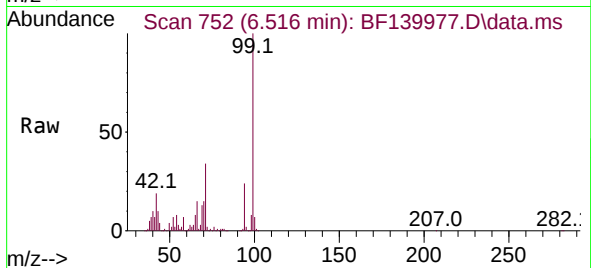
BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion: 99 Resp: 1332741

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.7	25.1
71	33.9	27.7	41.5



#8

2-Chlorophenol

Concen: 51.312 ng

RT: 6.675 min Scan# 779

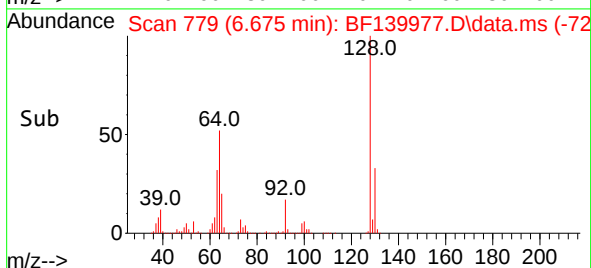
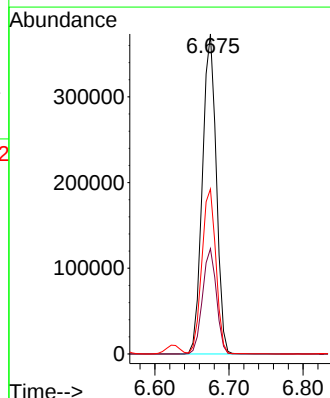
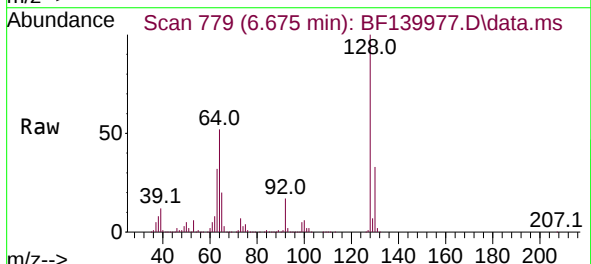
Delta R.T. 0.000 min

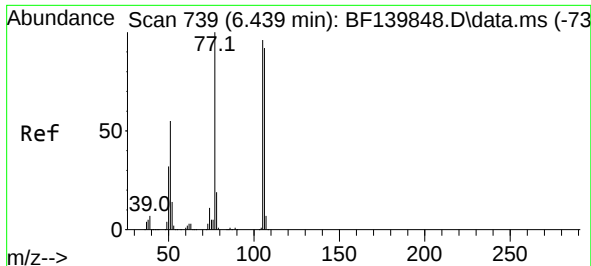
Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Tgt Ion: 128 Resp: 485993

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	51.6	34.6	74.6

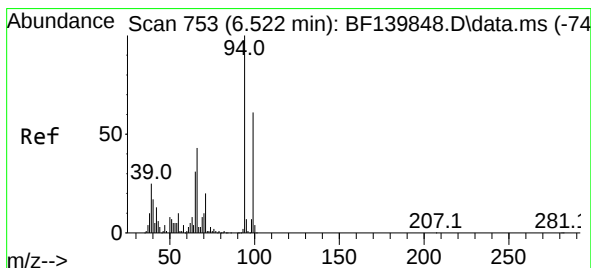
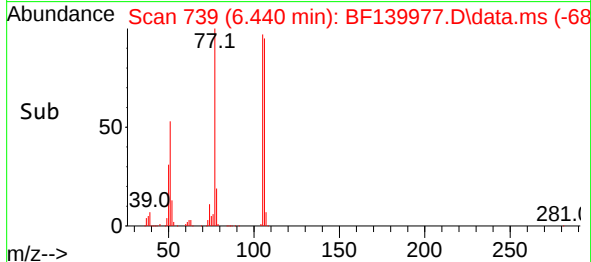
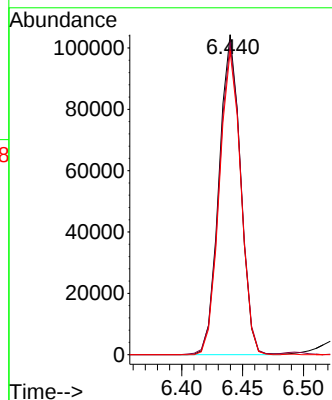
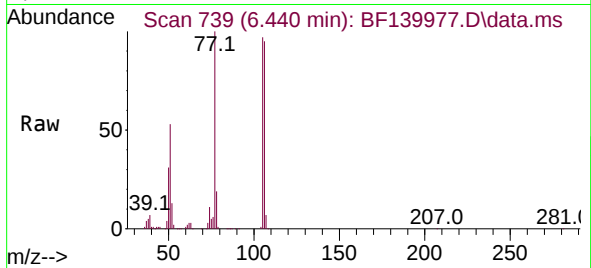




#9
Benzaldehyde
Concen: 18.908 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

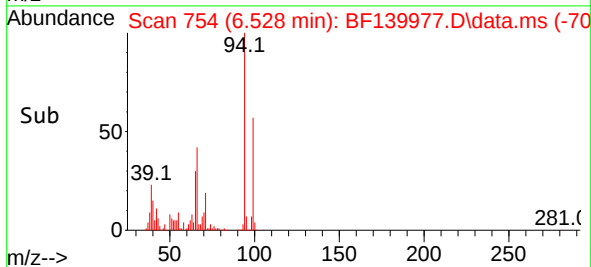
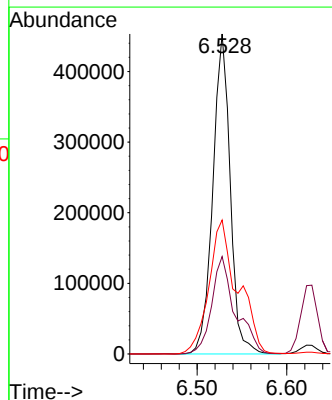
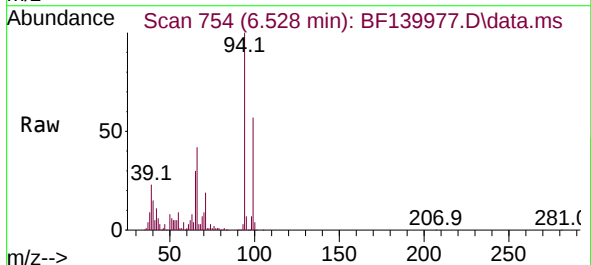
Instrument :
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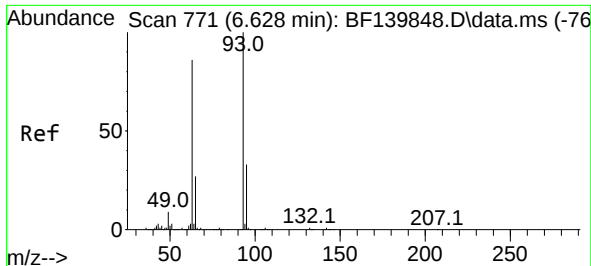
Tgt Ion: 77 Resp: 127637
Ion Ratio Lower Upper
77 100
105 97.3 75.5 115.5
106 94.7 71.7 111.7



#10
Phenol
Concen: 49.380 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 94 Resp: 610866
Ion Ratio Lower Upper
94 100
65 30.4 11.1 51.1
66 41.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 49.858 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

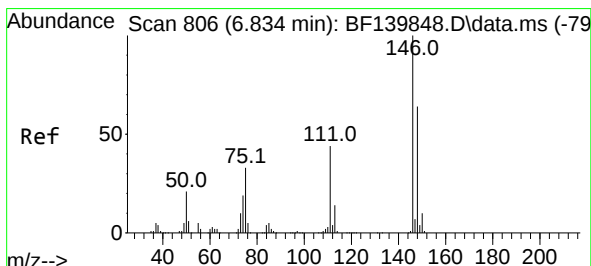
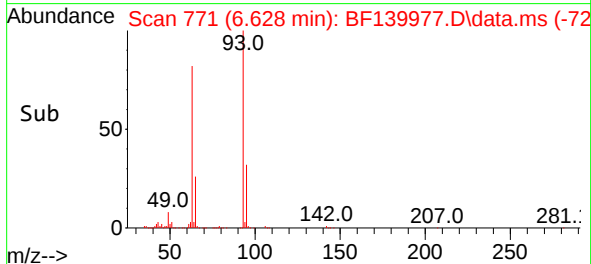
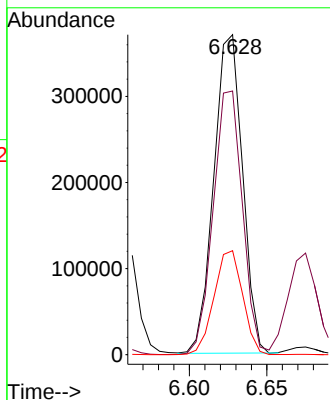
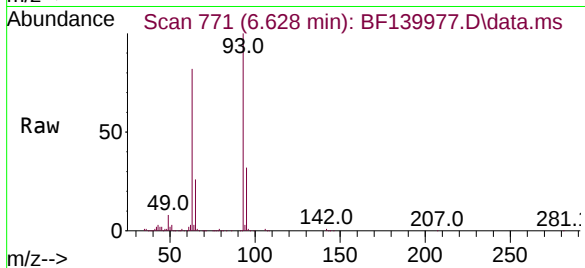
Tgt Ion: 93 Resp: 476724

Ion Ratio Lower Upper

93 100

63 82.4 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.725 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

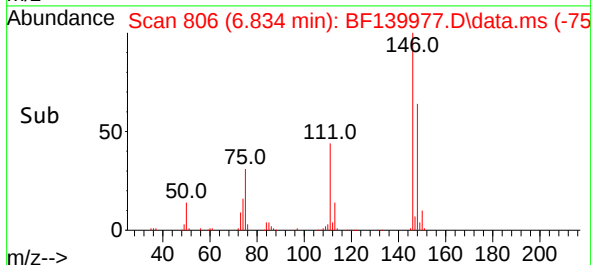
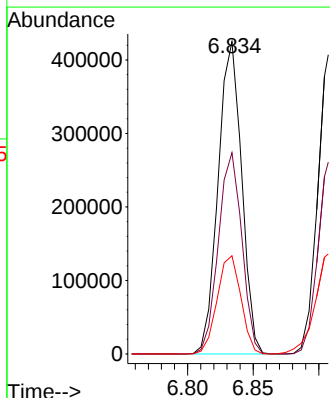
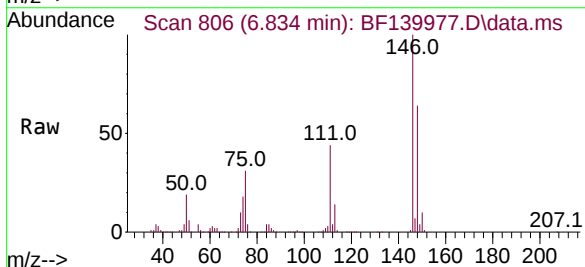
Tgt Ion:146 Resp: 529757

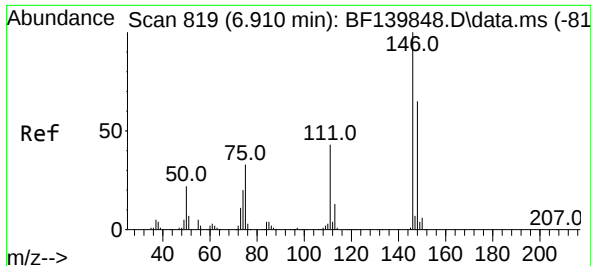
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 31.4 26.4 39.6

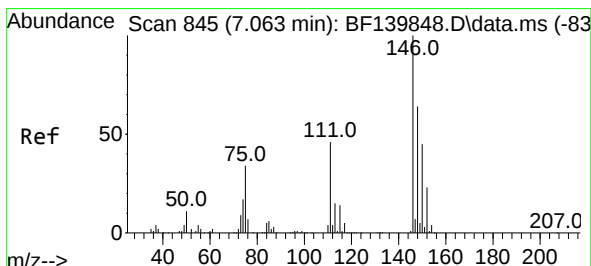
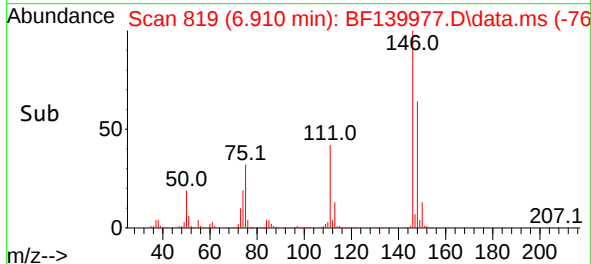
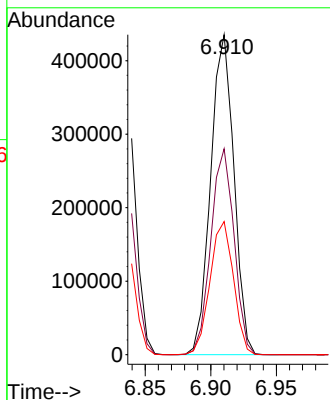
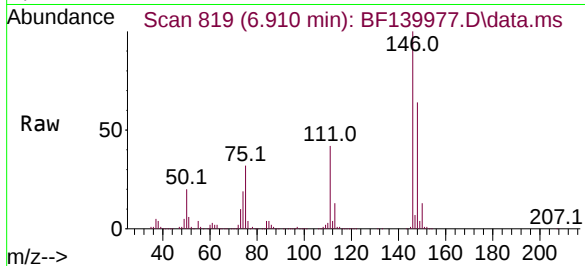




#13
1,4-Dichlorobenzene
Concen: 49.385 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

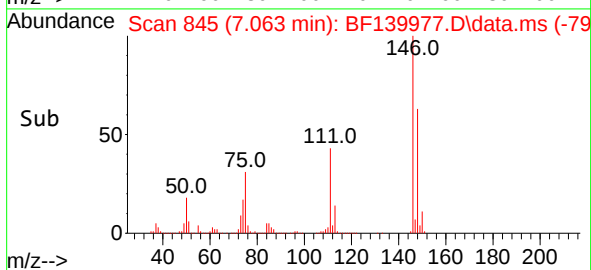
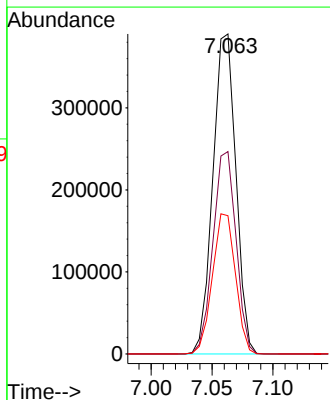
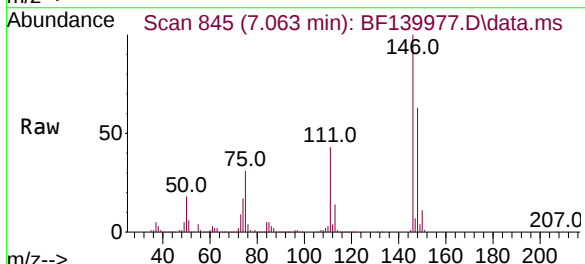
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

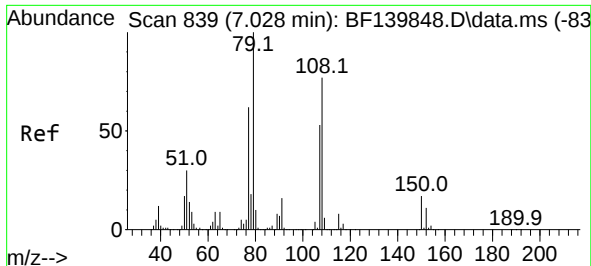
Tgt Ion:146 Resp: 536427
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 41.6 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.709 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:146 Resp: 514070
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 43.2 36.7 55.1

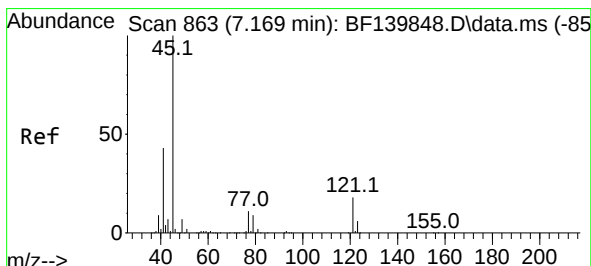
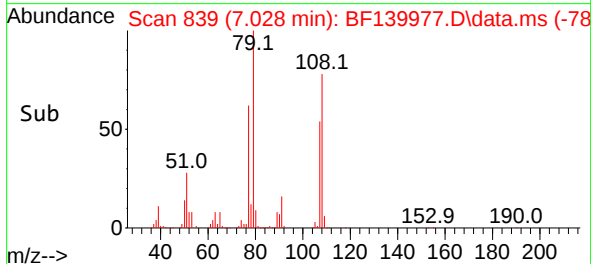
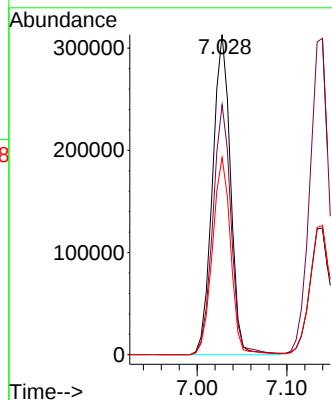
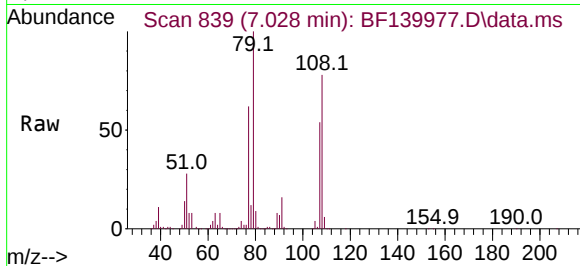




#15
Benzyl Alcohol
Concen: 49.698 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

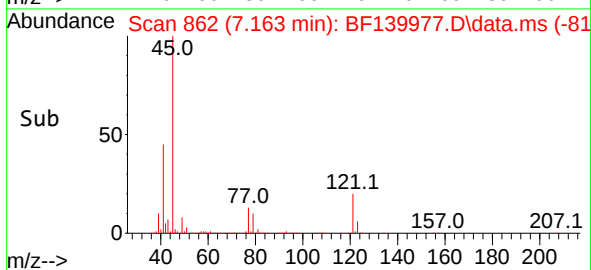
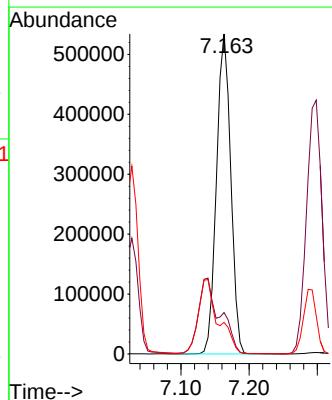
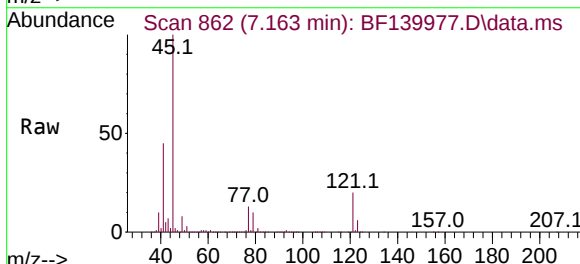
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

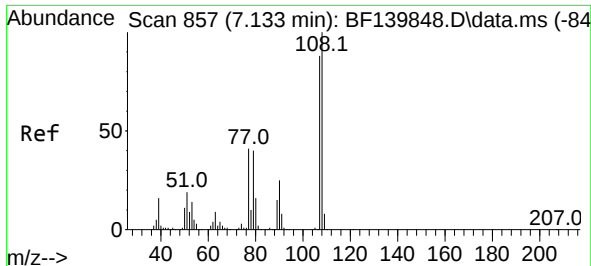
Tgt Ion: 79 Resp: 437440
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 61.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.675 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 45 Resp: 777285
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.8 0.0 29.1



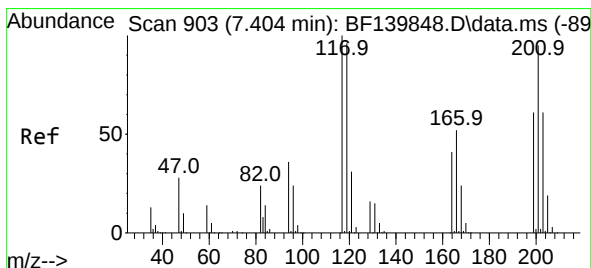
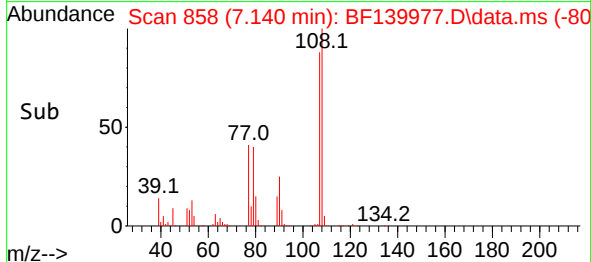
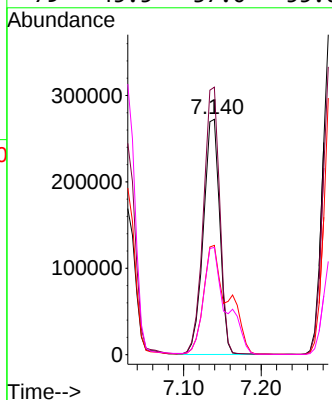
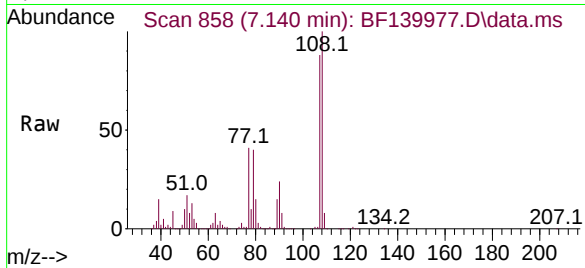


#17
2-Methylphenol
Concen: 49.472 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:107 Resp: 399548

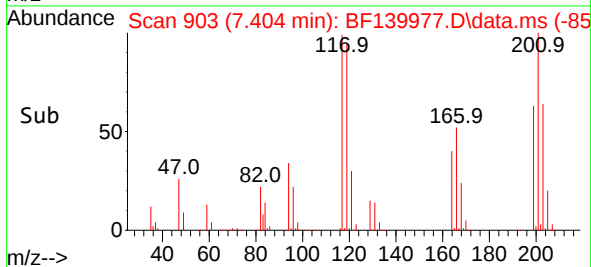
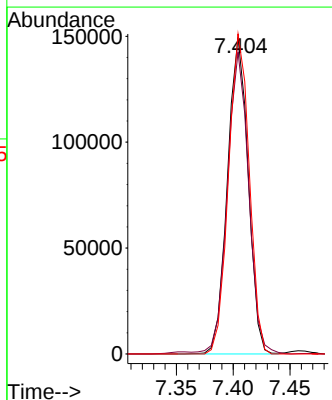
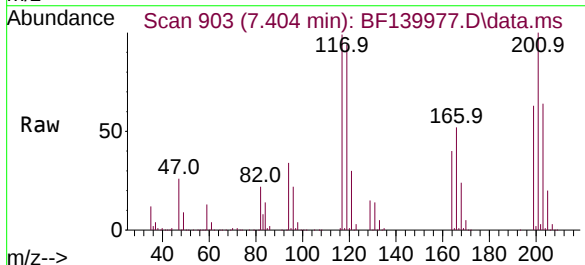
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.3	136.9
77	46.4	37.1	55.7
79	45.5	37.0	55.6

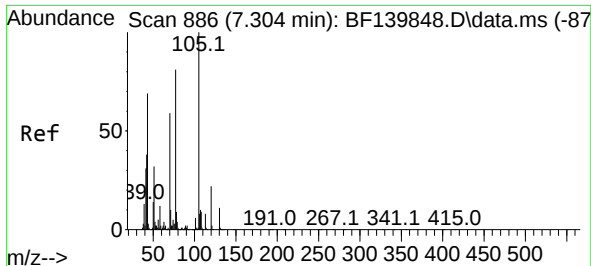


#18
Hexachloroethane
Concen: 48.905 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:117 Resp: 189431

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	101.1	76.2	114.4

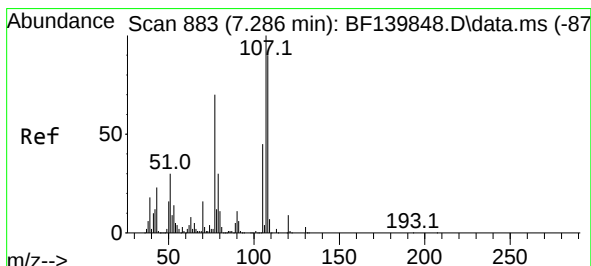
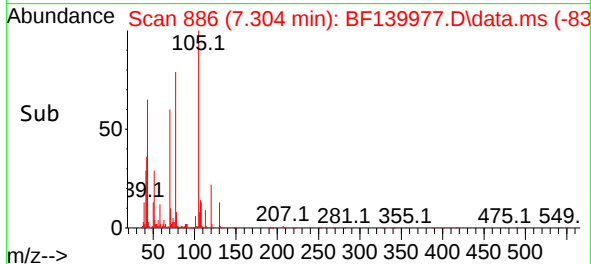
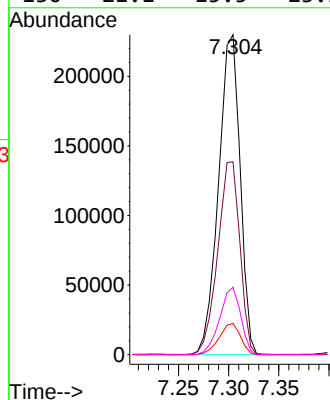
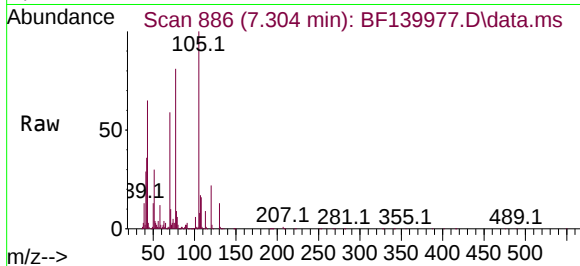




#19
n-Nitroso-di-n-propylamine
Concen: 47.243 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

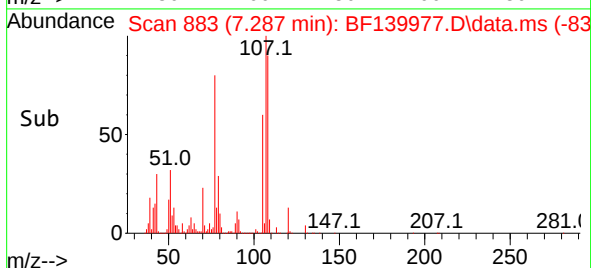
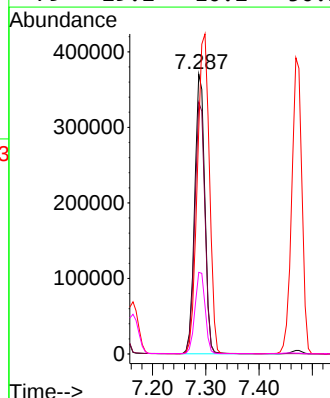
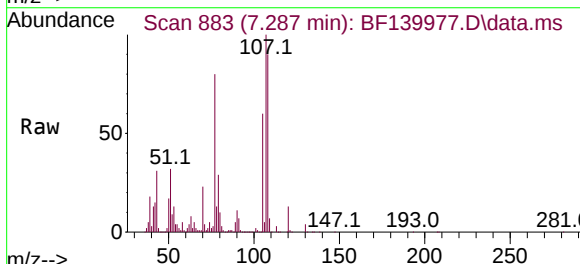
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

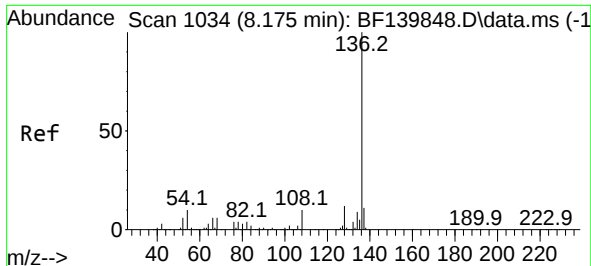
Tgt Ion: 70 Resp: 343817
Ion Ratio Lower Upper
70 100
42 60.2 51.5 77.3
101 9.8 7.5 11.3
130 21.1 15.5 23.3



#20
3+4-Methylphenols
Concen: 47.248 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 107 Resp: 488080
Ion Ratio Lower Upper
107 100
108 89.9 69.8 109.8
77 80.2 50.5 90.5
79 29.2 10.2 50.2



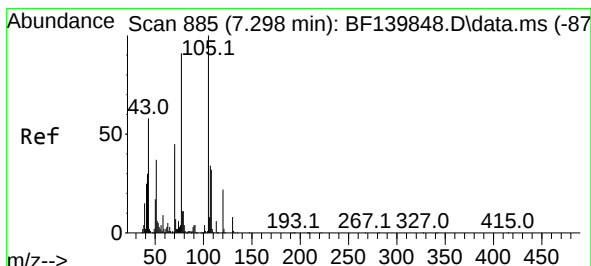
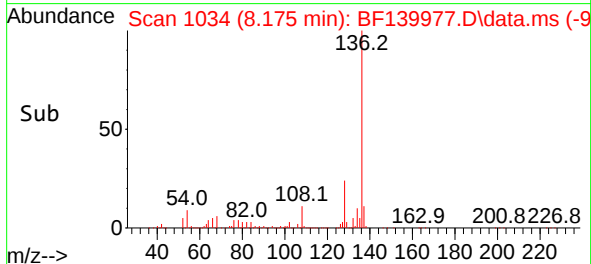
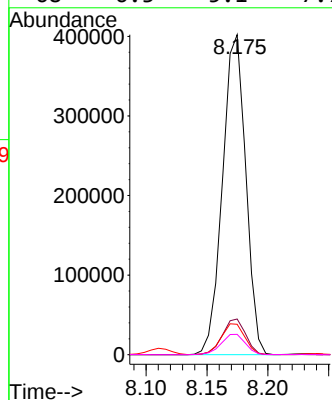
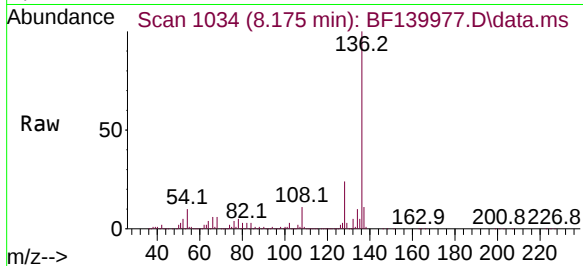


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:136 Resp: 535106

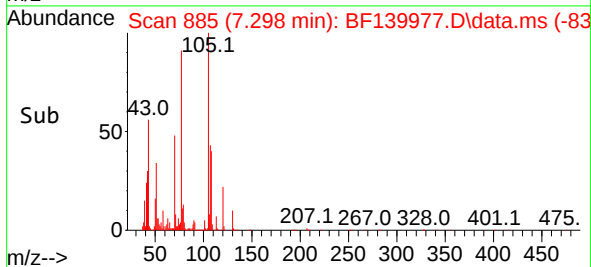
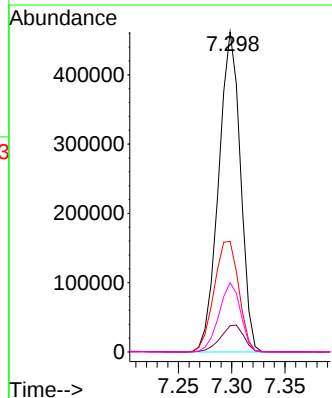
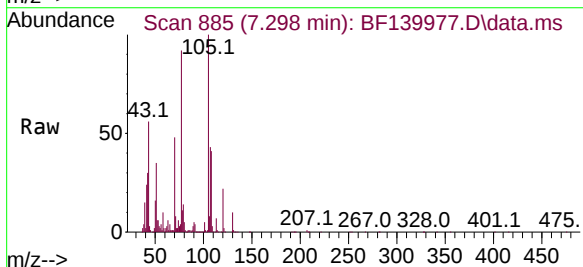
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7

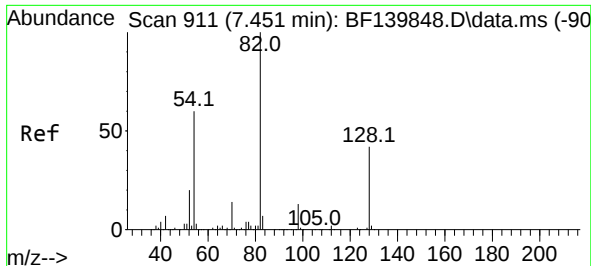


#22
Acetophenone
Concen: 50.091 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:105 Resp: 656515

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	34.5	29.4	44.2
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 87.214 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

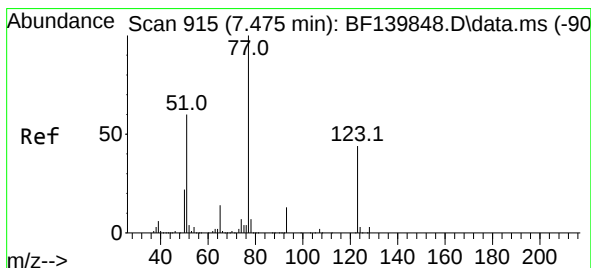
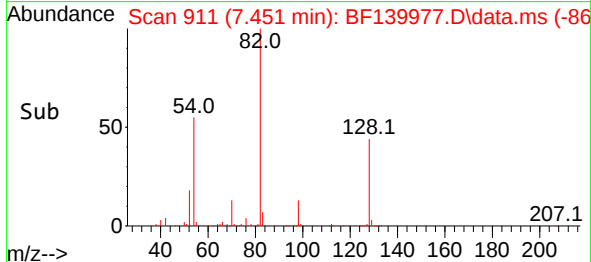
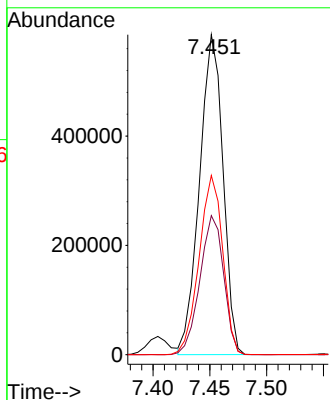
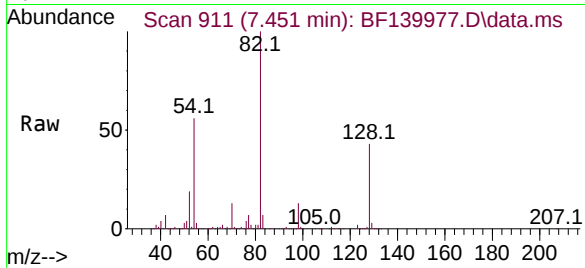
Tgt Ion: 82 Resp: 842035

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

54 56.0 47.8 71.8



#24

Nitrobenzene

Concen: 49.310 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

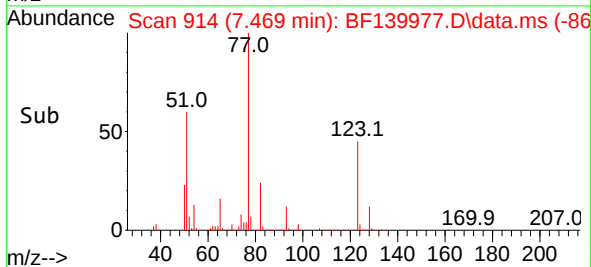
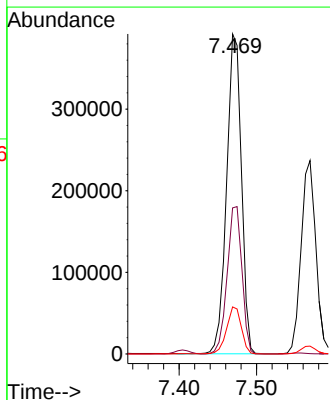
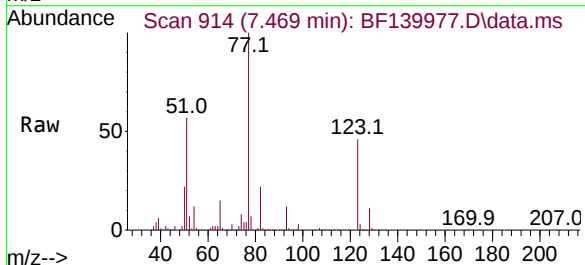
Tgt Ion: 77 Resp: 521971

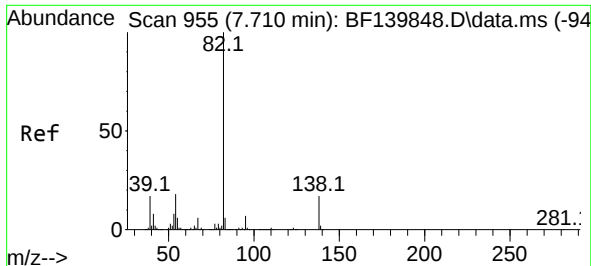
Ion Ratio Lower Upper

77 100

123 45.6 35.7 53.5

65 14.7 11.5 17.3

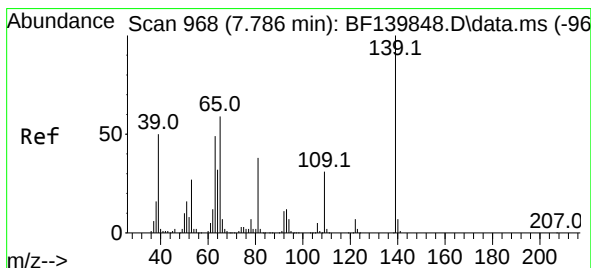
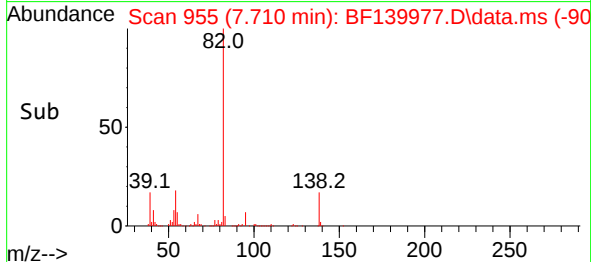
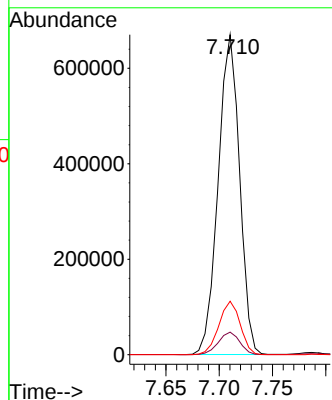
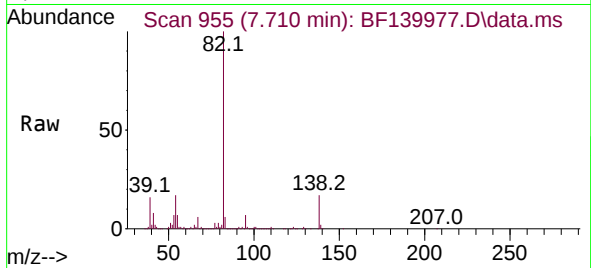




#25
Isophorone
Concen: 51.009 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

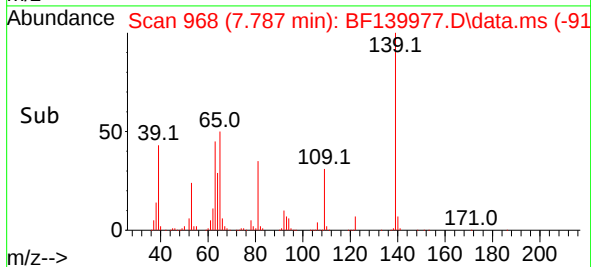
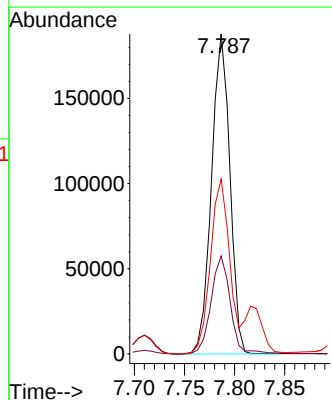
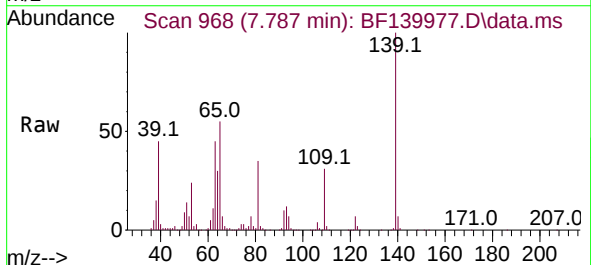
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

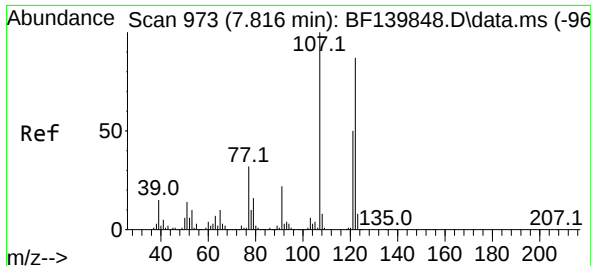
Tgt Ion: 82 Resp: 934740
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 59.978 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:139 Resp: 239518
Ion Ratio Lower Upper
139 100
109 30.7 25.1 37.7
65 54.7 47.5 71.3

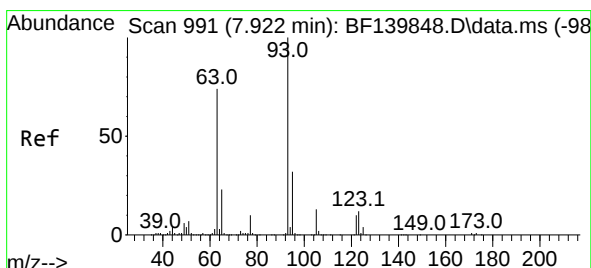
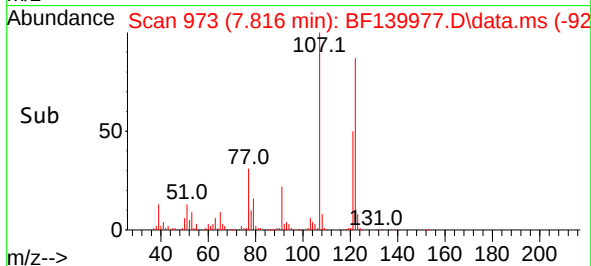
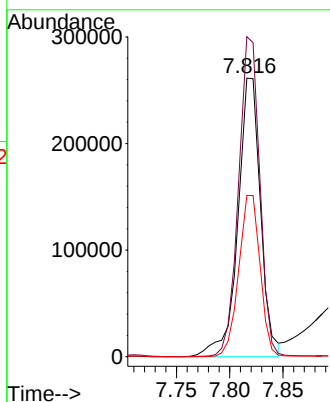
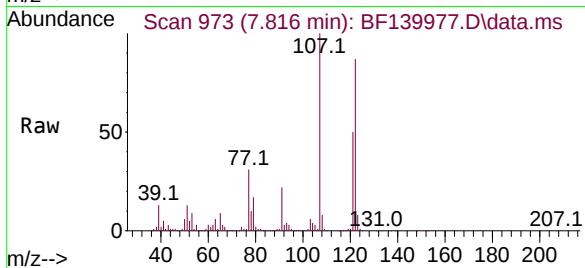




#27
2,4-Dimethylphenol
Concen: 58.173 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

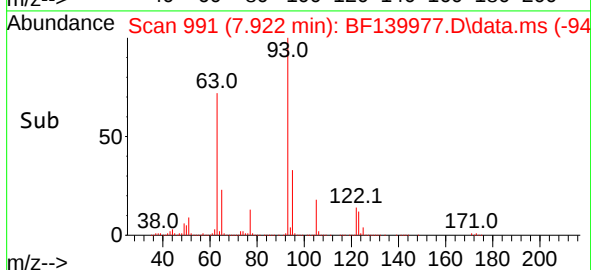
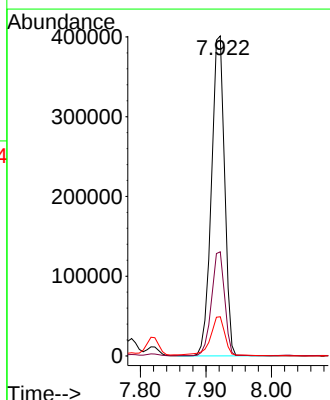
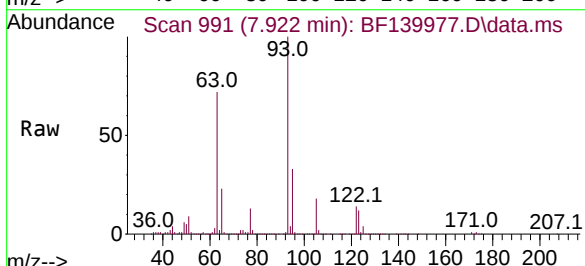
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

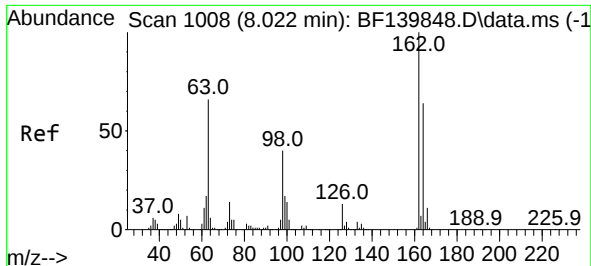
Tgt Ion:122 Resp: 387363
Ion Ratio Lower Upper
122 100
107 114.9 91.9 137.9
121 57.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.400 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion: 93 Resp: 559563
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.022 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

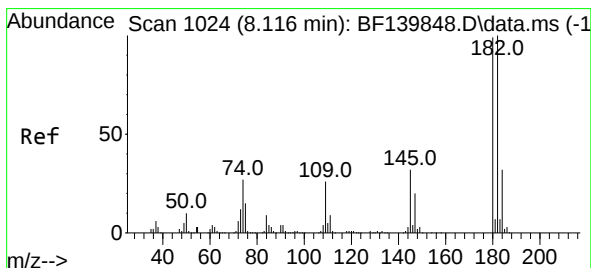
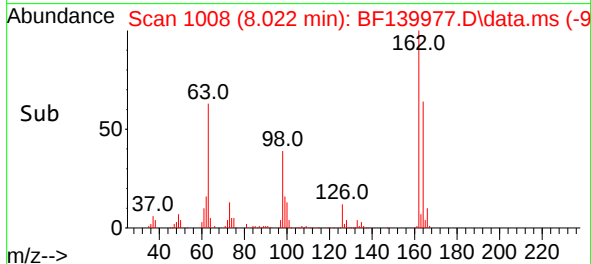
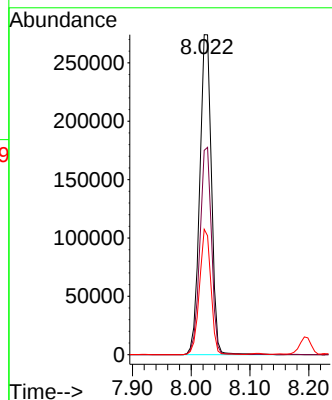
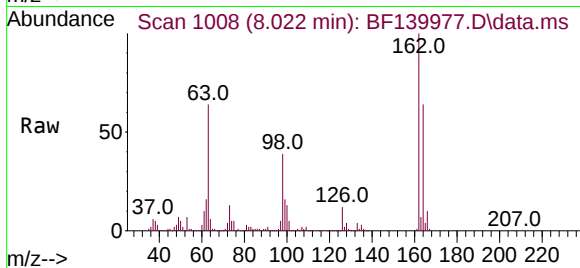
Tgt Ion:162 Resp: 379393

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 39.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 48.768 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

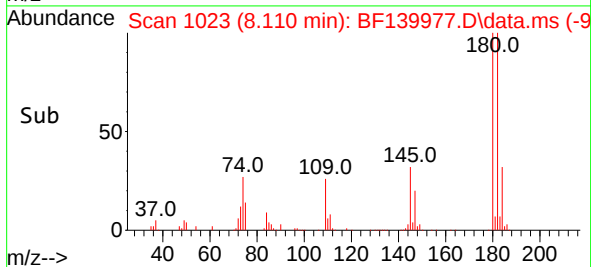
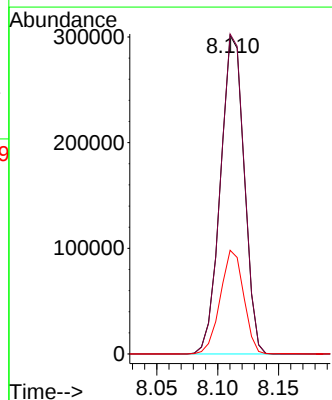
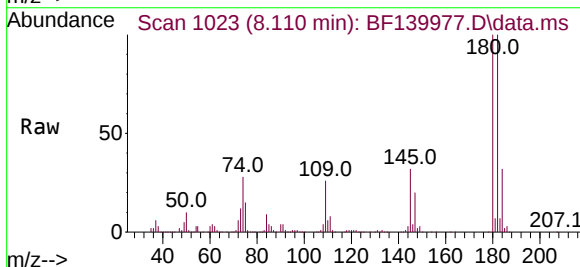
Tgt Ion:180 Resp: 409284

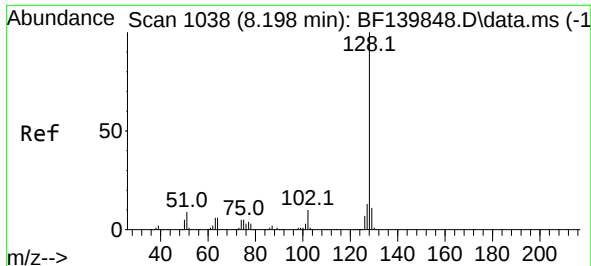
Ion Ratio Lower Upper

180 100

182 100.4 80.5 120.7

145 32.5 25.4 38.0

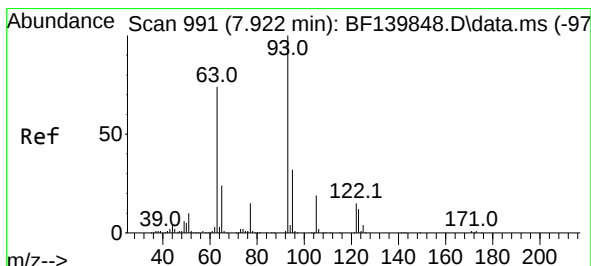
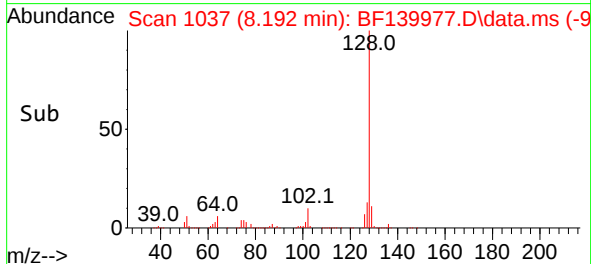
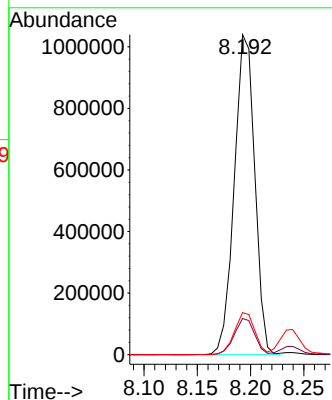
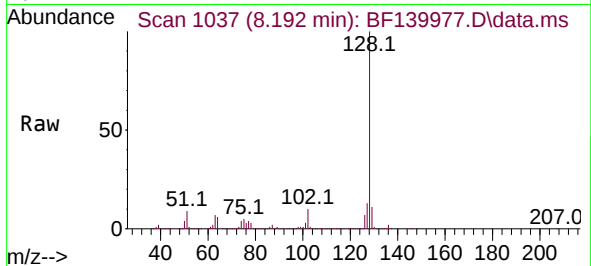




#31
Naphthalene
Concen: 50.456 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

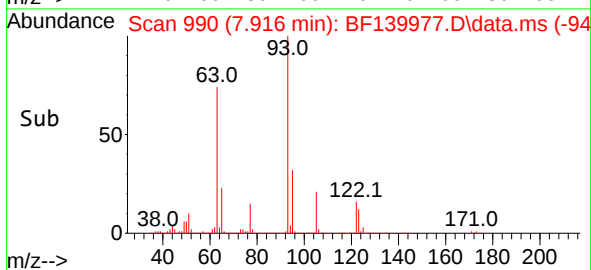
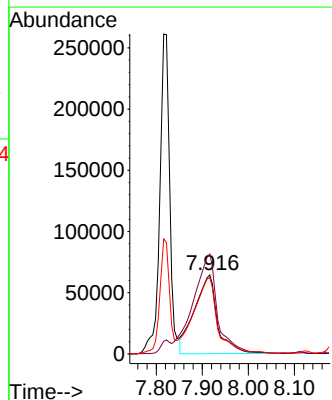
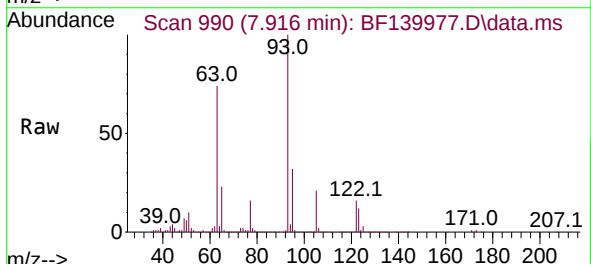
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

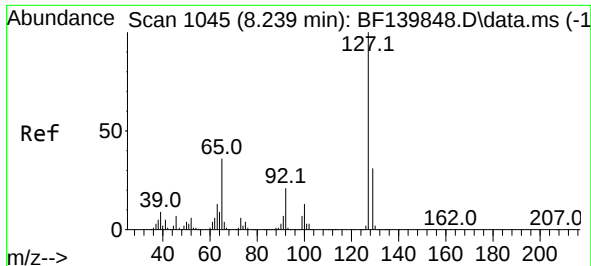
Tgt Ion:128 Resp: 1392449
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 38.908 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:122 Resp: 225970
Ion Ratio Lower Upper
122 100
105 126.5 107.6 147.6
77 96.9 80.2 120.2

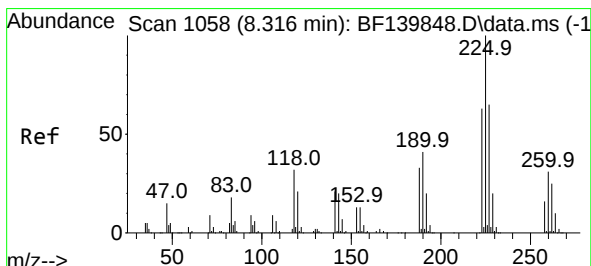
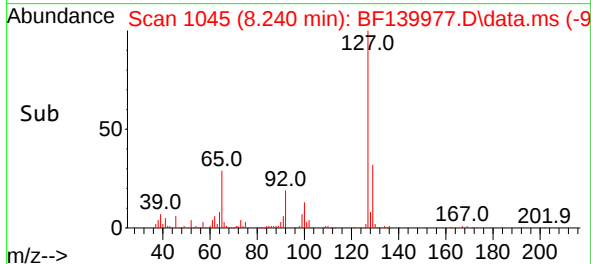
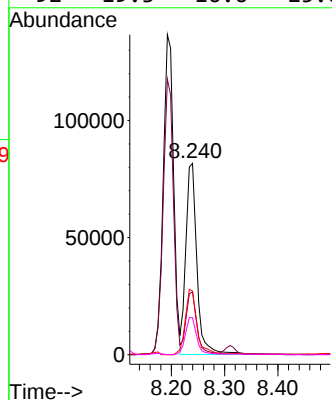
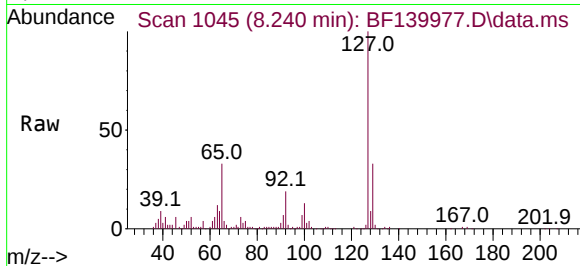




#33
4-Chloroaniline
Concen: 12.612 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

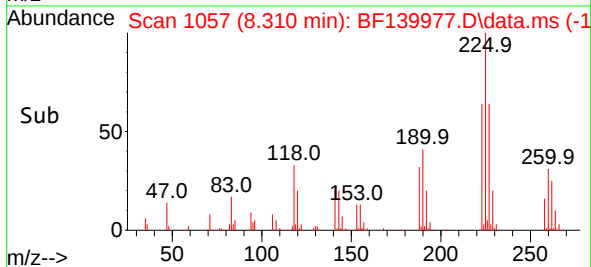
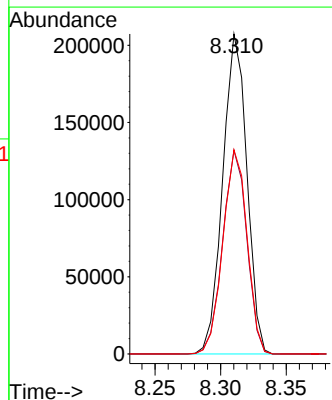
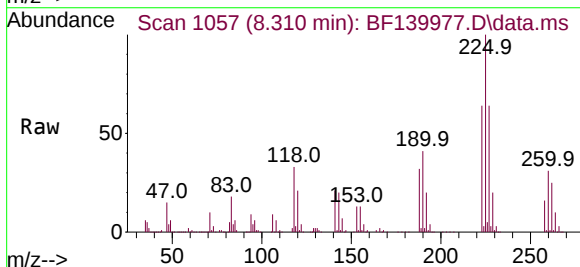
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

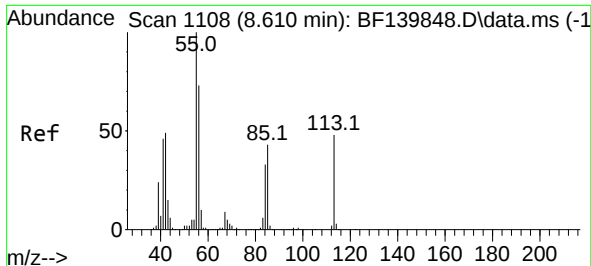
Tgt Ion:	127	Resp:	118687
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	33.3	28.4	42.6
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 50.303 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:	225	Resp:	265253
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.8	51.8	77.8

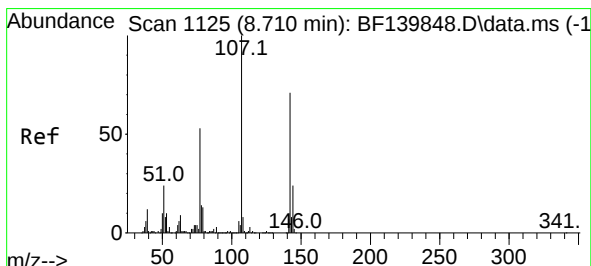
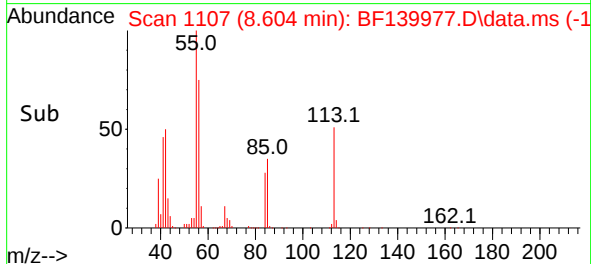
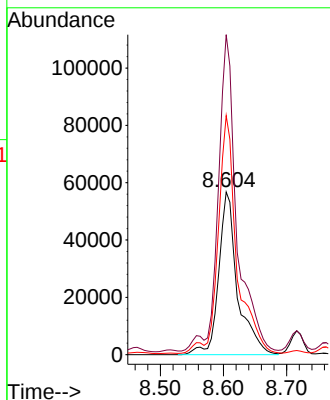
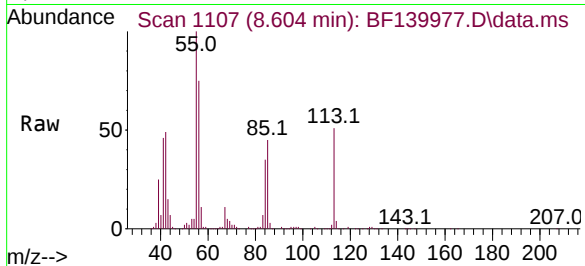




#35
 Caprolactam
 Concen: 48.926 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF139977.D
 Acq: 23 Oct 2024 21:20

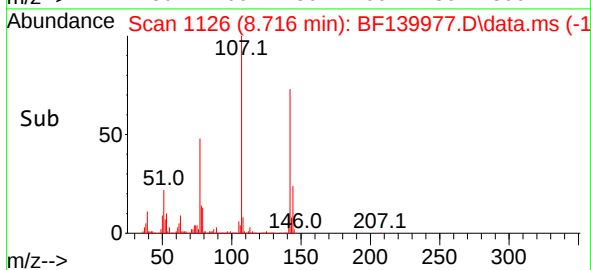
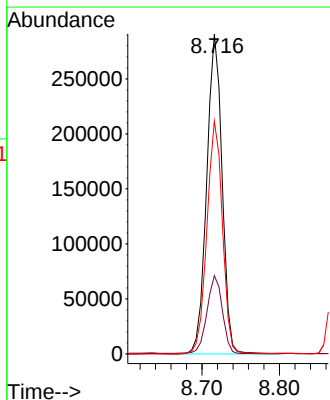
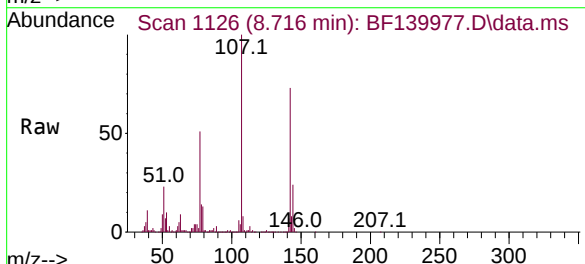
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS

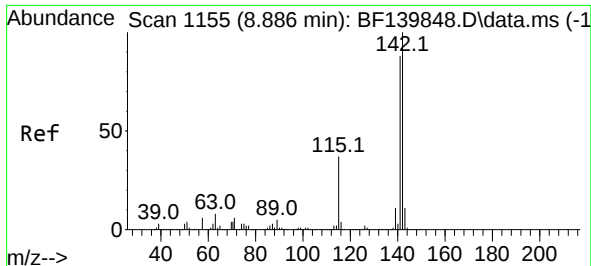
Tgt Ion:113 Resp: 117992
 Ion Ratio Lower Upper
 113 100
 55 196.7 189.2 229.2
 56 146.9 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.785 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139977.D
 Acq: 23 Oct 2024 21:20

Tgt Ion:107 Resp: 401310
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 72.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 50.467 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

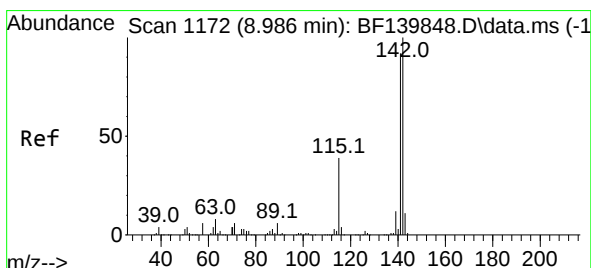
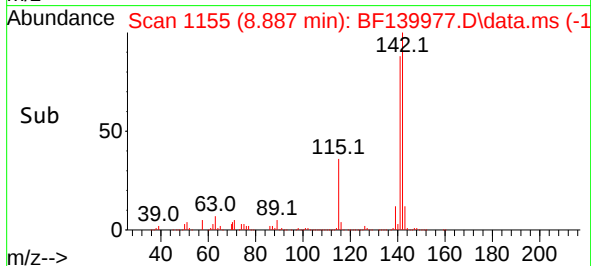
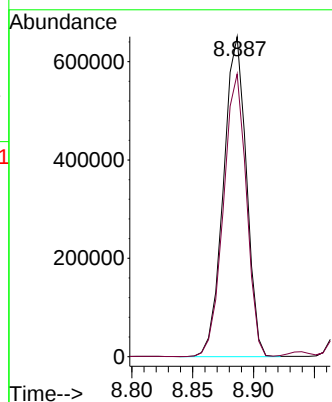
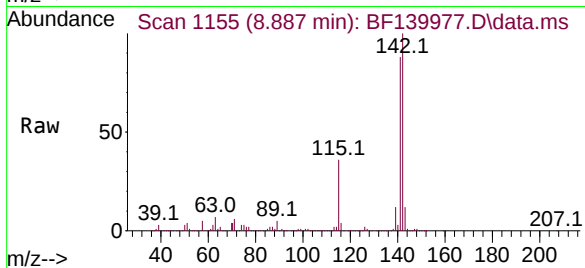
WB-301-BOTMS

Tgt Ion:142 Resp: 852979

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 47.615 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139977.D

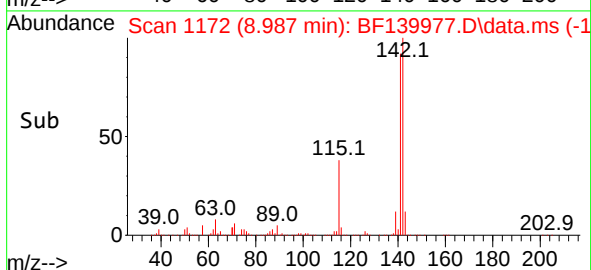
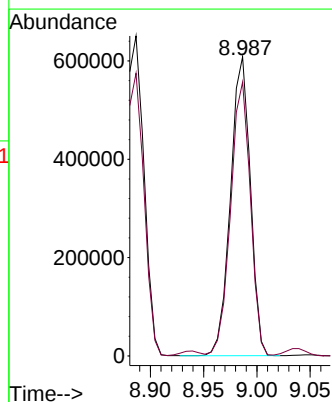
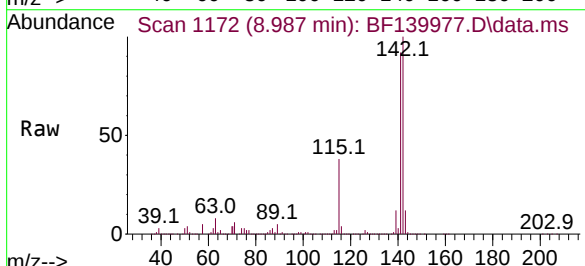
Acq: 23 Oct 2024 21:20

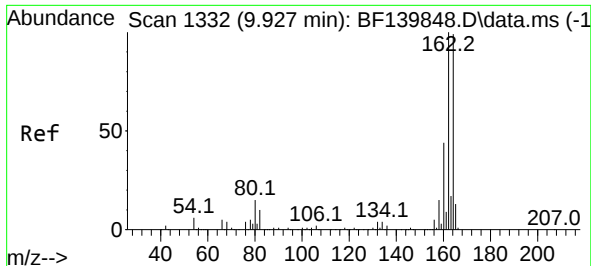
Tgt Ion:142 Resp: 789589

Ion Ratio Lower Upper

142 100

141 91.6 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: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

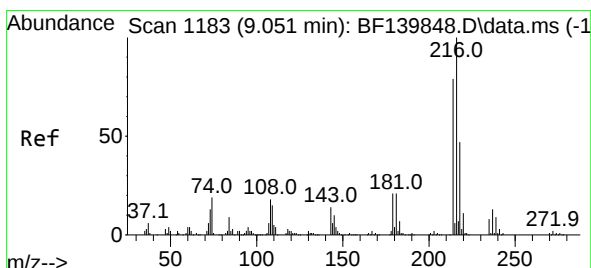
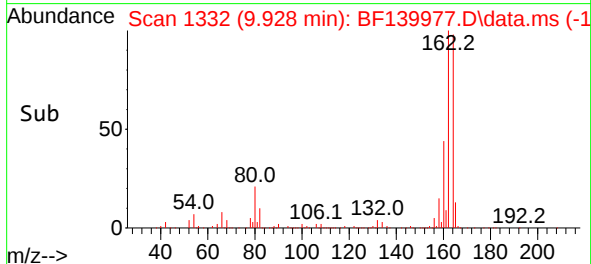
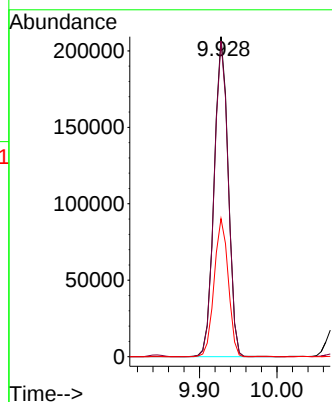
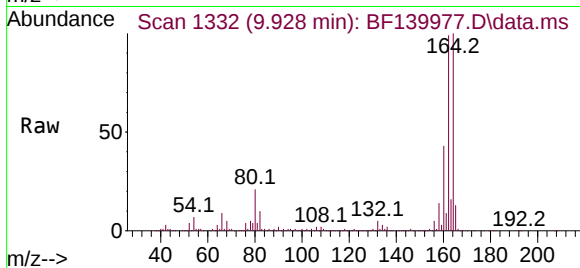
Tgt Ion:164 Resp: 263539

Ion Ratio Lower Upper

164 100

162 98.6 81.0 121.4

160 43.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.595 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Tgt Ion:216 Resp: 395277

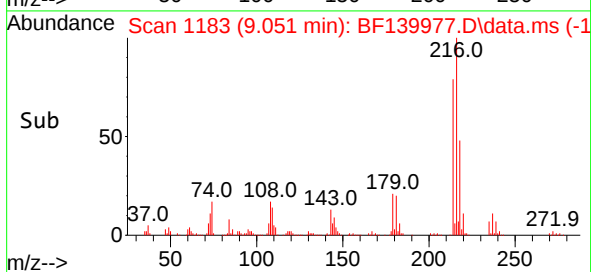
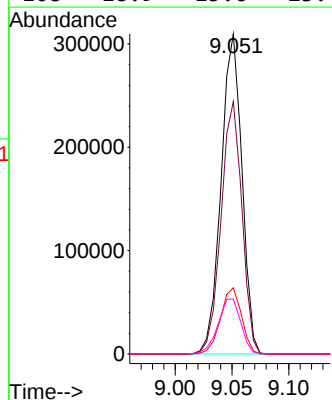
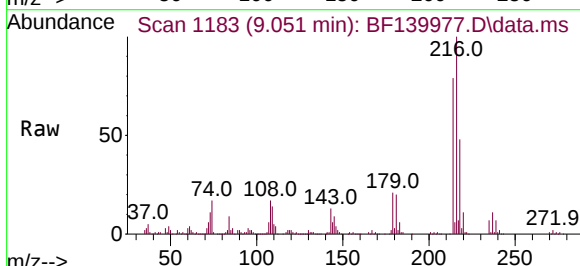
Ion Ratio Lower Upper

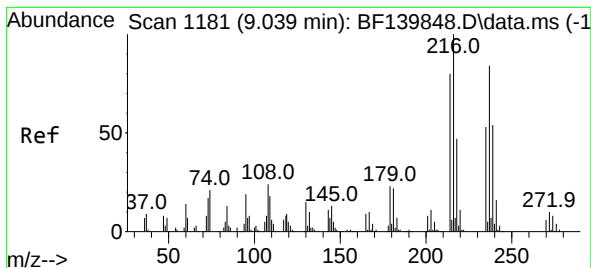
216 100

214 78.8 63.4 95.0

179 20.9 17.2 25.8

108 18.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 70.378 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

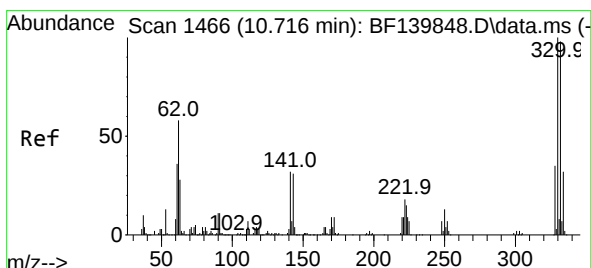
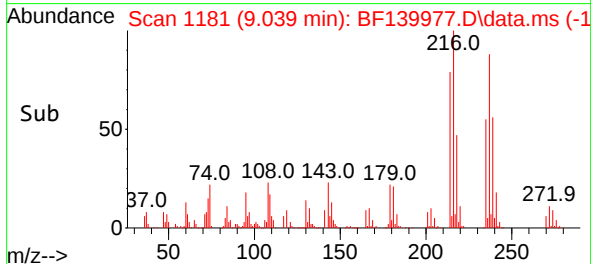
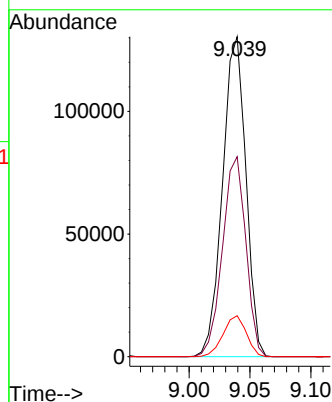
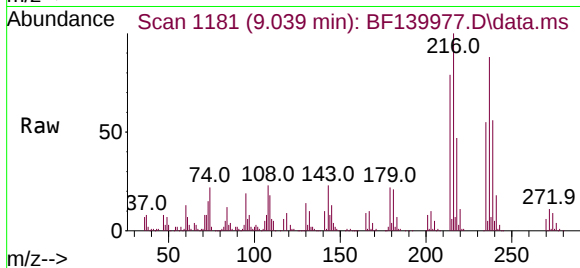
Tgt Ion:237 Resp: 174108

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 113.810 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

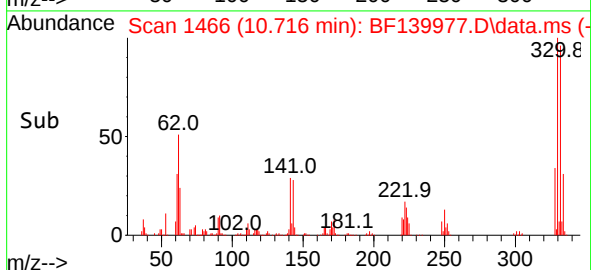
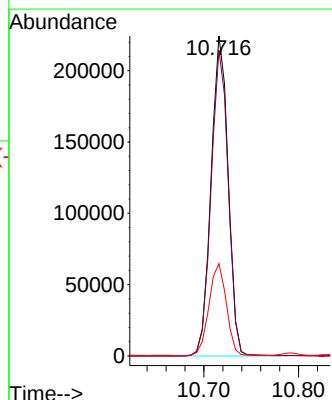
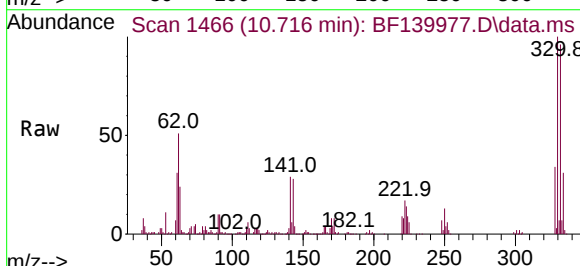
Tgt Ion:330 Resp: 280549

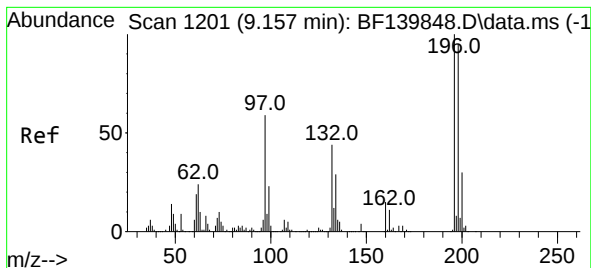
Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 29.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.134 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

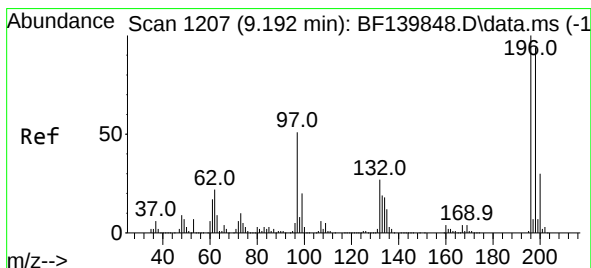
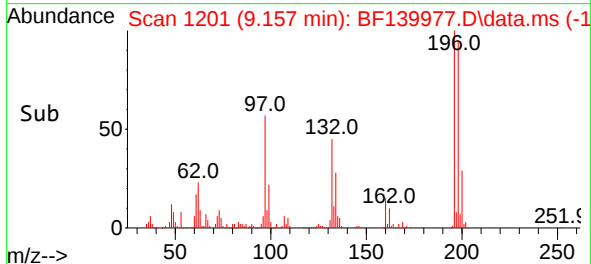
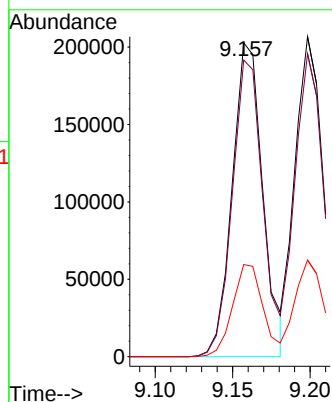
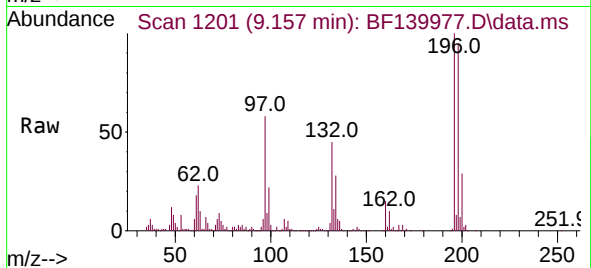
Tgt Ion:196 Resp: 277530

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

200 29.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.944 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Tgt Ion:196 Resp: 259382

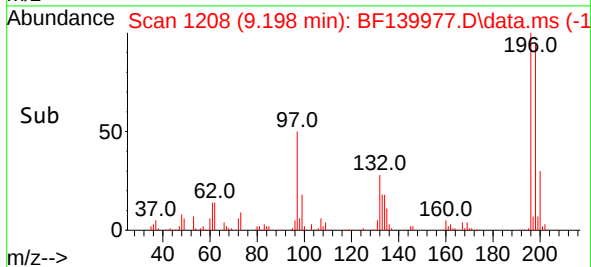
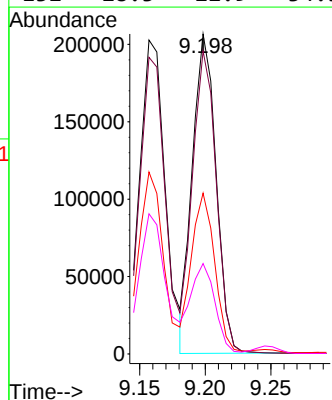
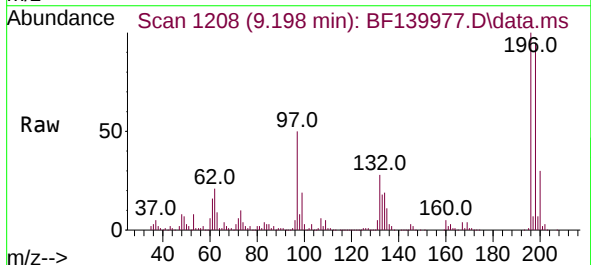
Ion Ratio Lower Upper

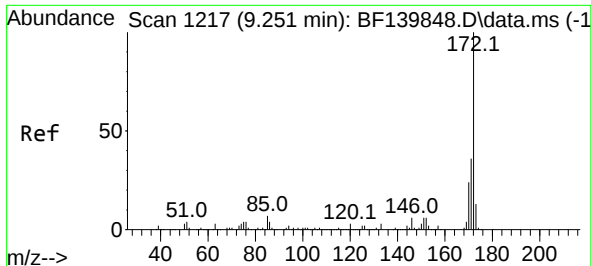
196 100

198 94.7 75.8 113.6

97 50.3 41.8 62.6

132 28.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 87.652 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

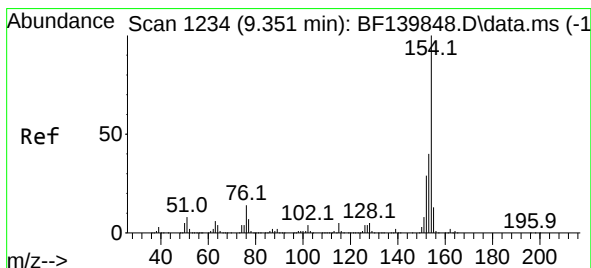
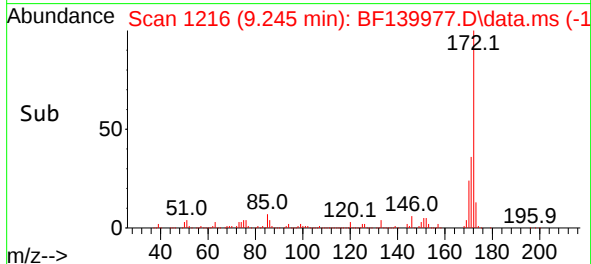
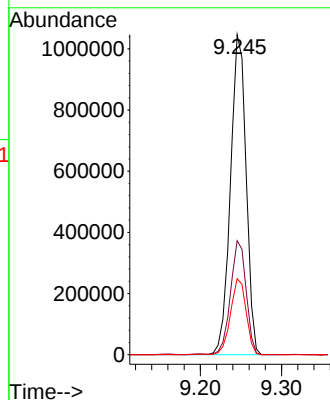
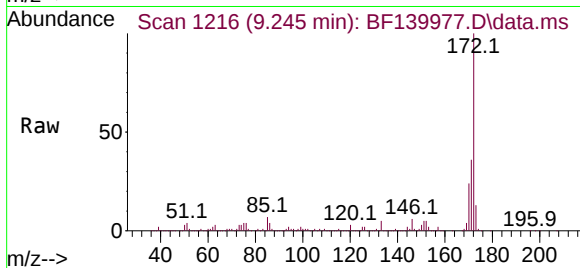
Tgt Ion:172 Resp: 1397699

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 53.026 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

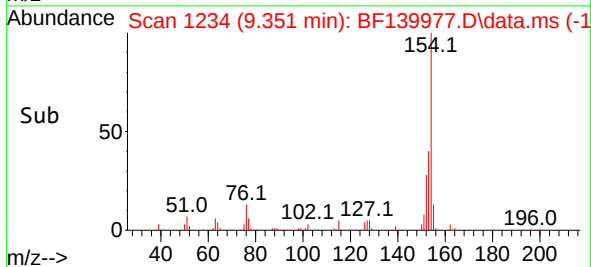
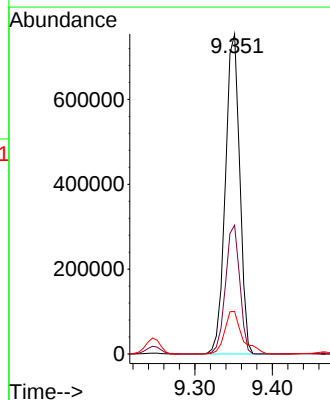
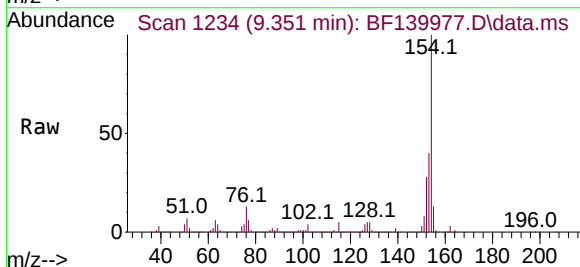
Tgt Ion:154 Resp: 972821

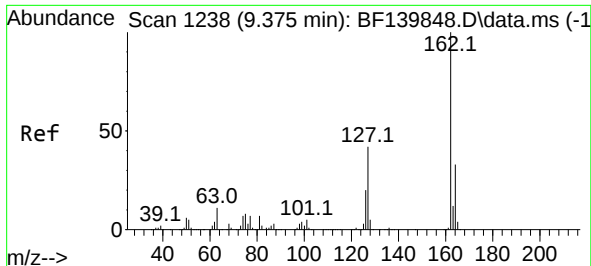
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 51.068 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

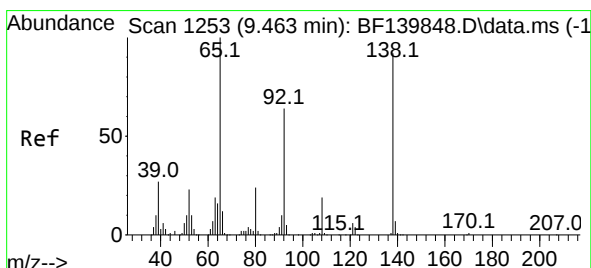
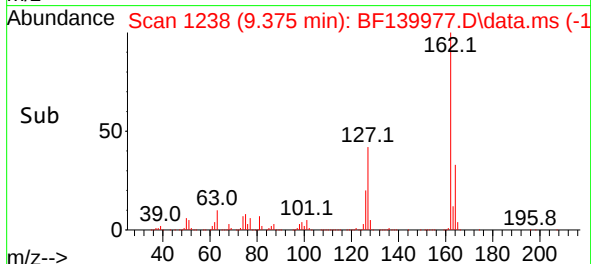
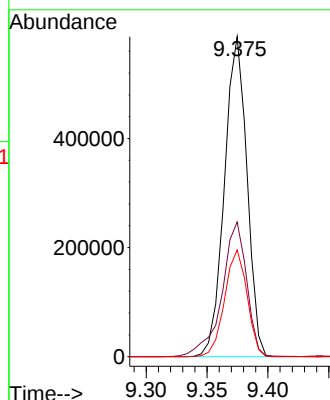
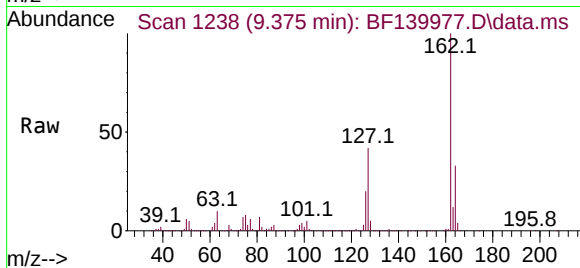
Tgt Ion:162 Resp: 754588

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

164 33.4 26.6 39.8



#48

2-Nitroaniline

Concen: 55.300 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

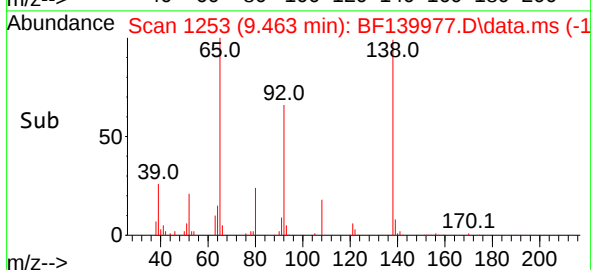
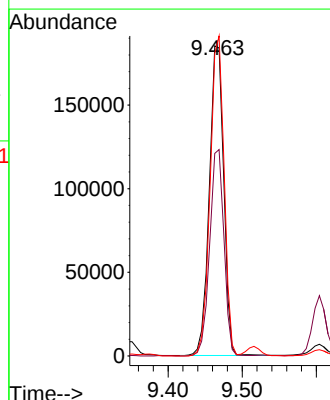
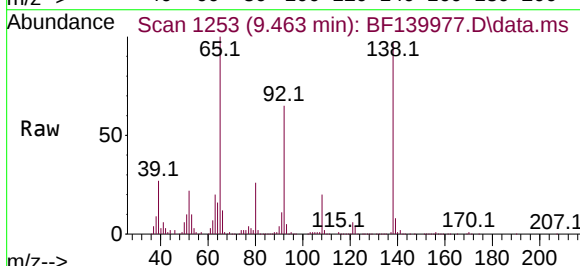
Tgt Ion: 65 Resp: 249911

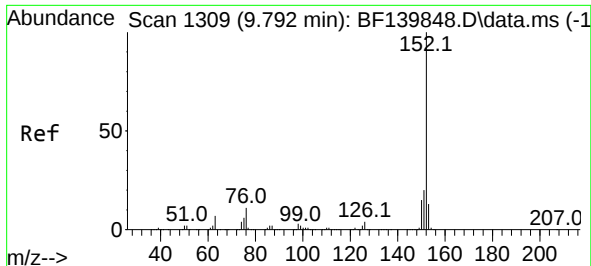
Ion Ratio Lower Upper

65 100

92 65.3 50.9 76.3

138 97.5 73.4 110.0





#49

Acenaphthylene

Concen: 53.153 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

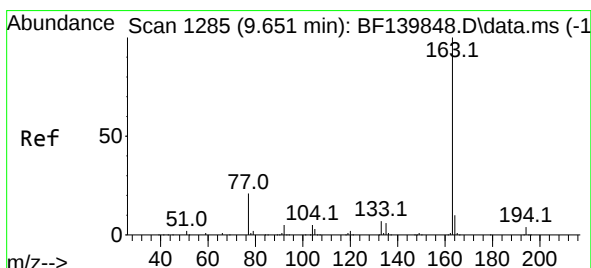
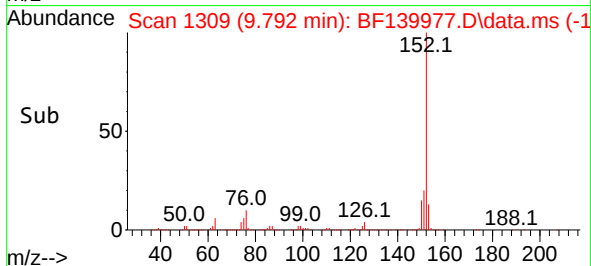
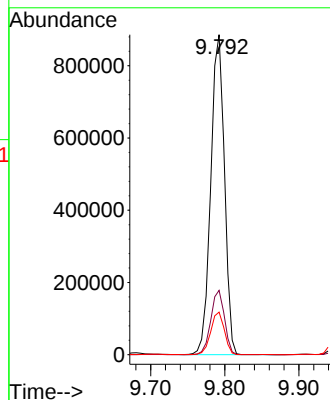
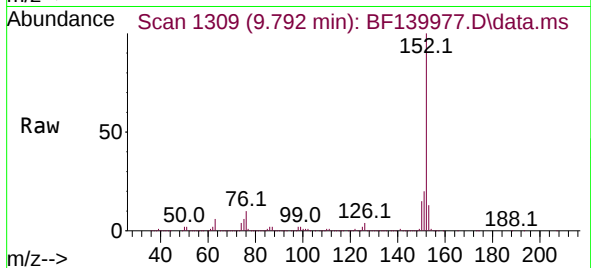
Tgt Ion:152 Resp: 1135463

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 54.003 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

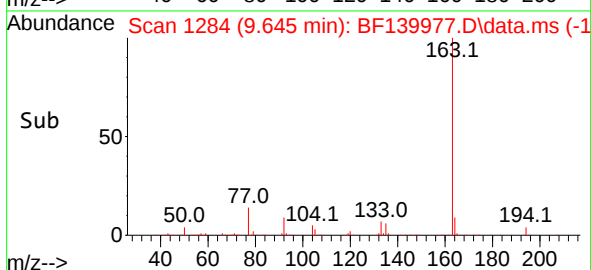
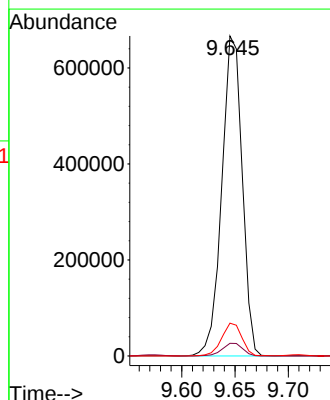
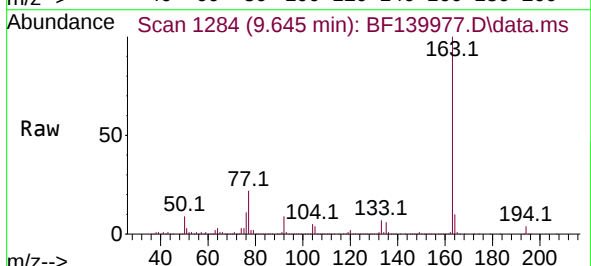
Tgt Ion:163 Resp: 886466

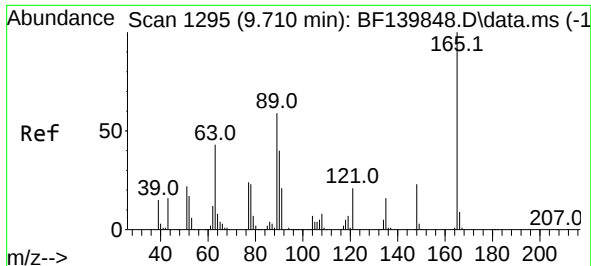
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.3 8.2 12.2

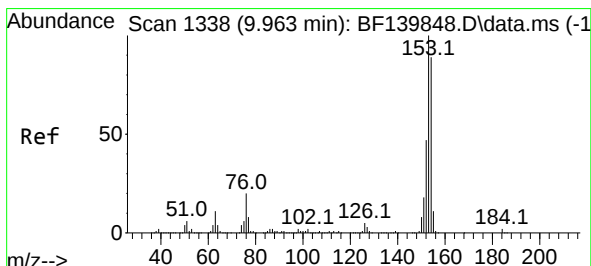
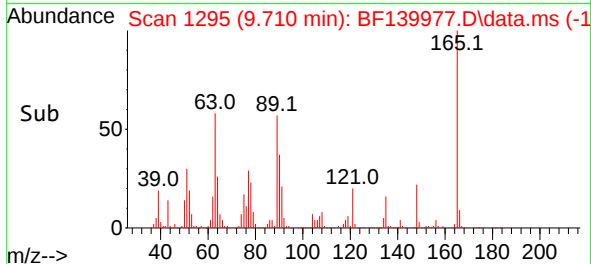
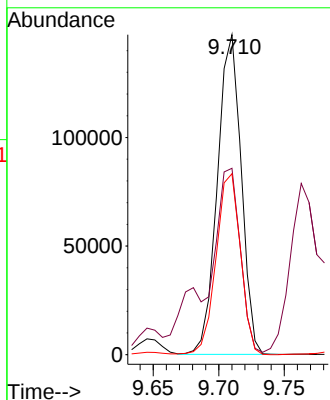
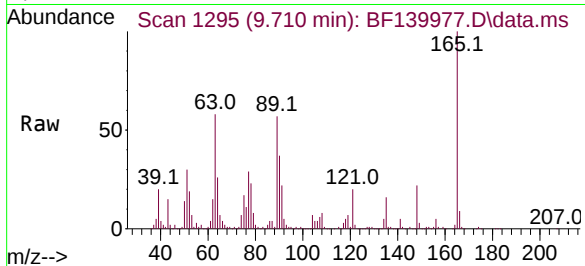




#51
2,6-Dinitrotoluene
Concen: 52.419 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

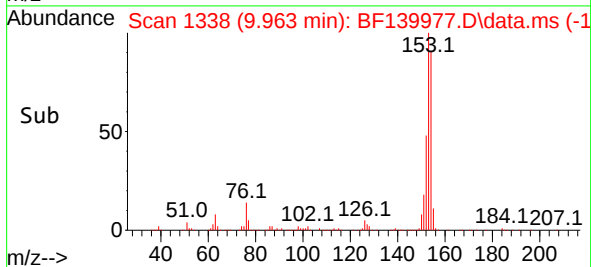
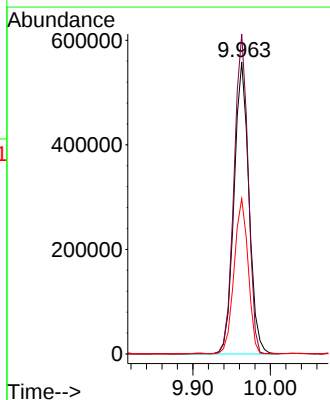
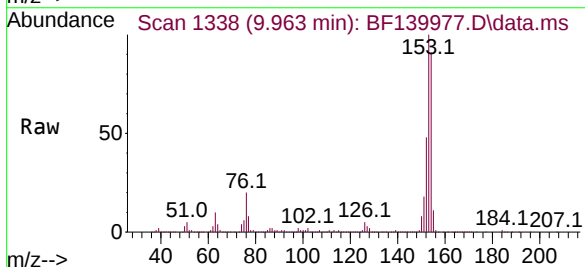
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

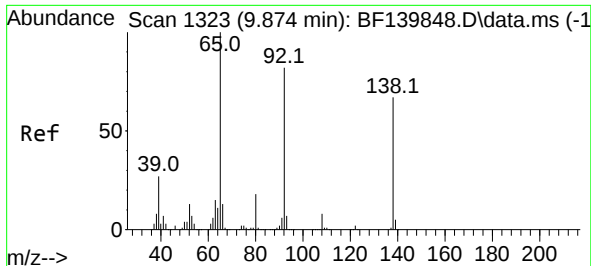
Tgt Ion:165 Resp: 186311
Ion Ratio Lower Upper
165 100
63 58.3 50.6 75.8
89 56.6 47.5 71.3



#52
Acenaphthene
Concen: 54.092 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

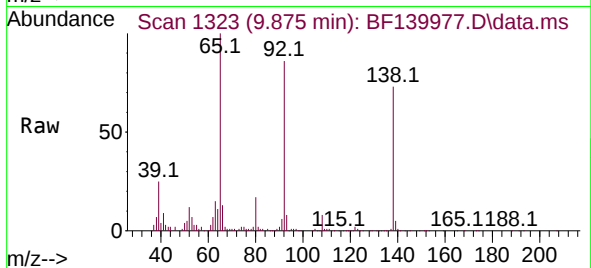
Tgt Ion:154 Resp: 747502
Ion Ratio Lower Upper
154 100
153 109.7 89.8 134.6
152 53.2 42.4 63.6



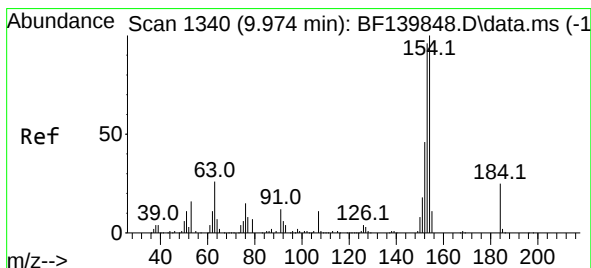
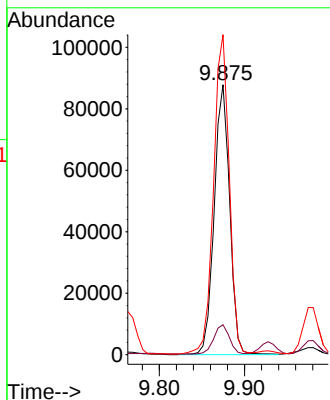
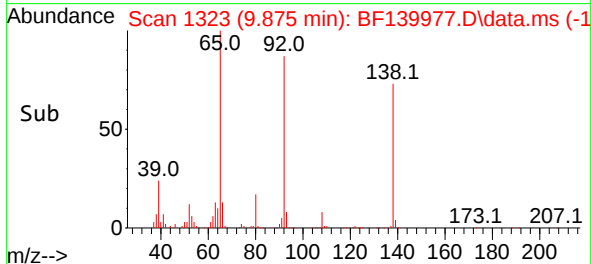


#53
3-Nitroaniline
Concen: 30.230 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

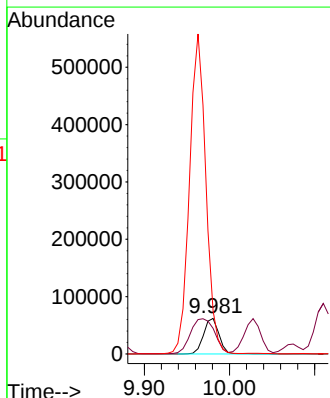
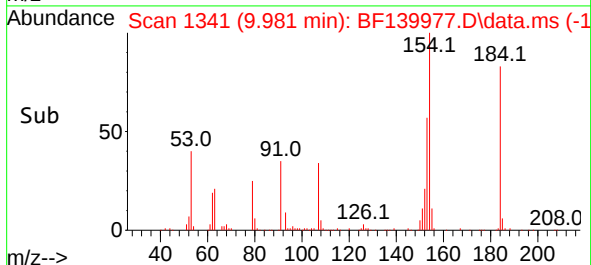
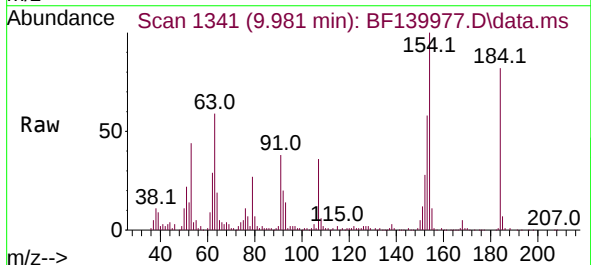


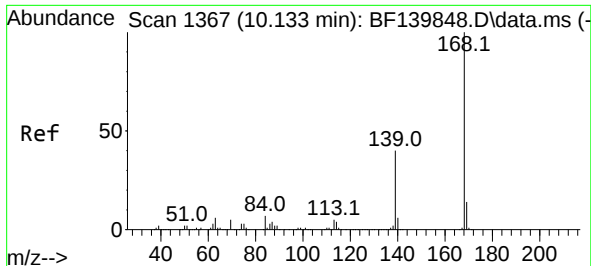
Tgt Ion:138 Resp: 110802
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 118.5 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 54.865 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:184 Resp: 77722
Ion Ratio Lower Upper
184 100
63 72.0 84.7 127.1#
154 121.7 338.2 507.2#

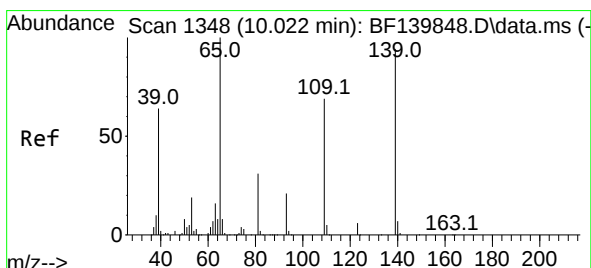
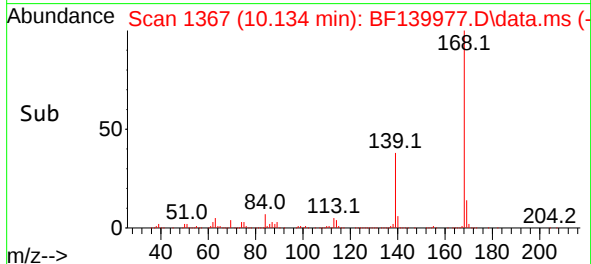
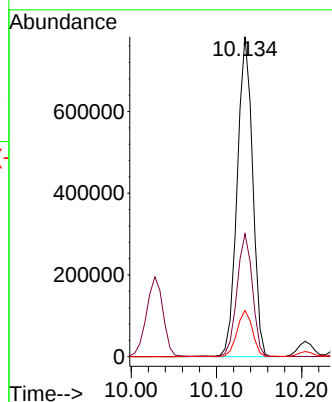
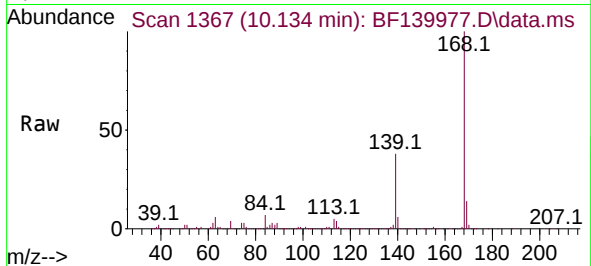




#55
Dibenzenofuran
Concen: 49.722 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

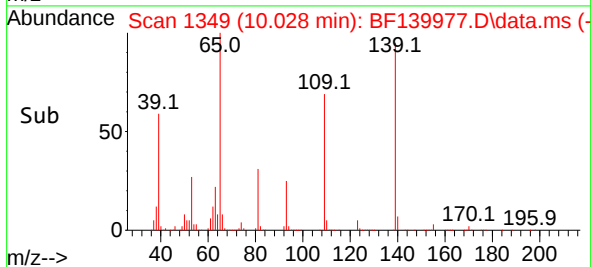
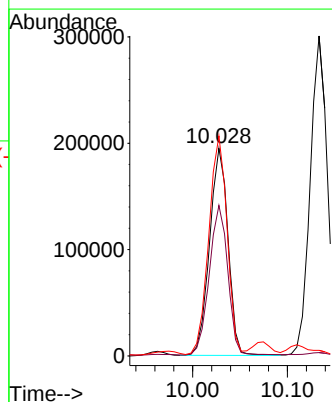
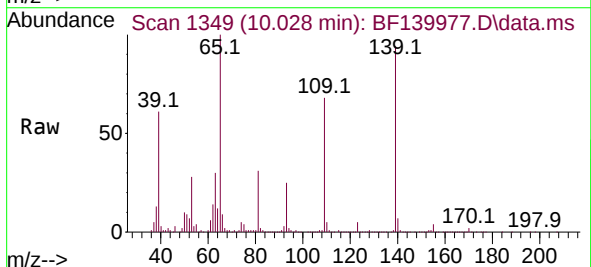
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

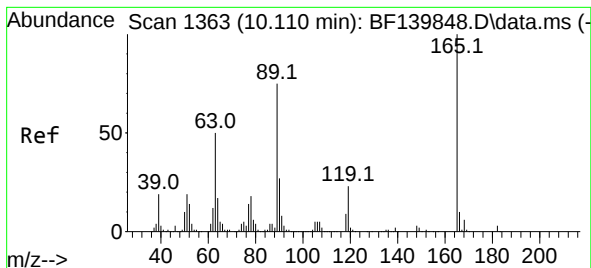
Tgt Ion:168 Resp: 985836
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 93.328 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:139 Resp: 263177
Ion Ratio Lower Upper
139 100
109 72.5 53.6 93.6
65 105.9 87.8 127.8

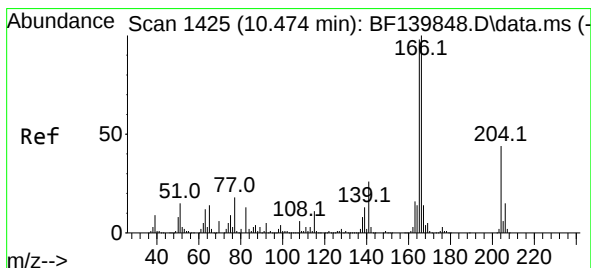
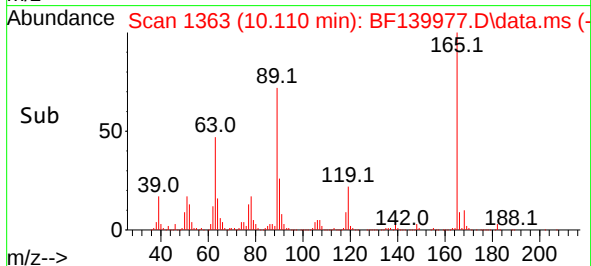
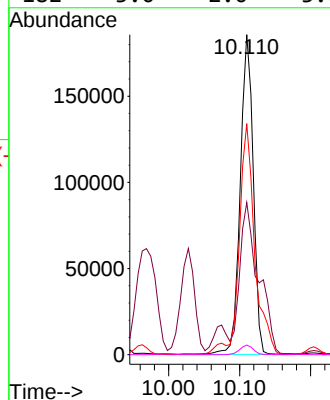
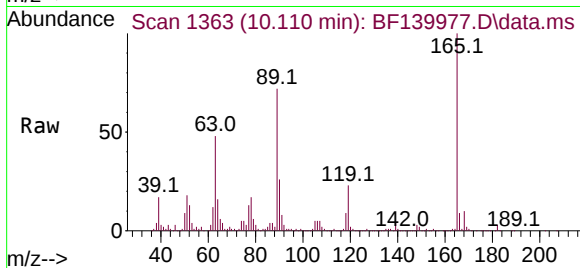




#57
2,4-Dinitrotoluene
Concen: 53.932 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

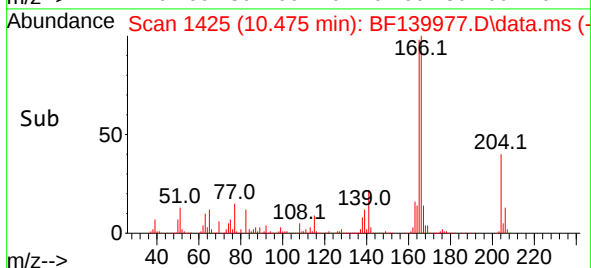
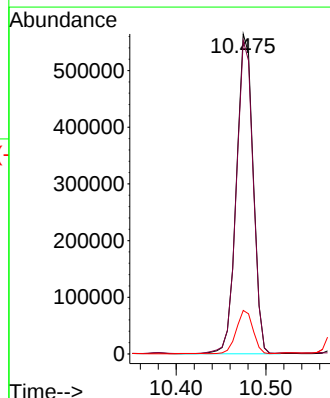
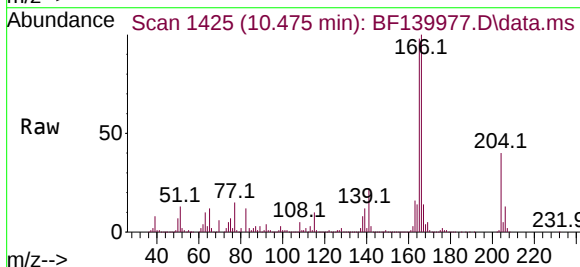
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

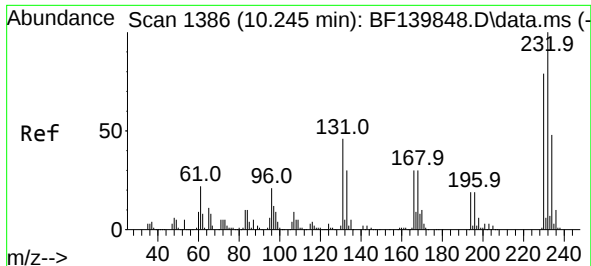
Tgt Ion:165 Resp: 235726
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 72.2 60.4 90.6
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 48.238 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:166 Resp: 728456
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.6 10.9 16.3

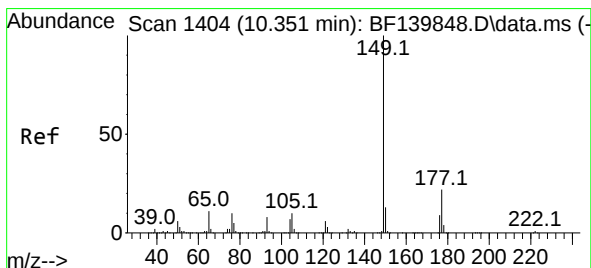
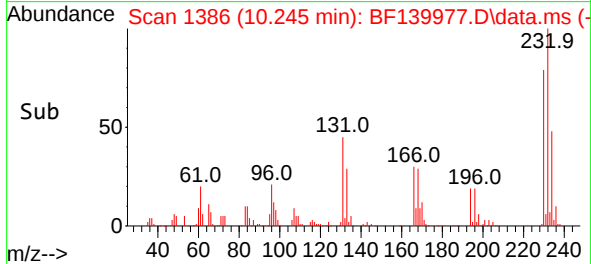
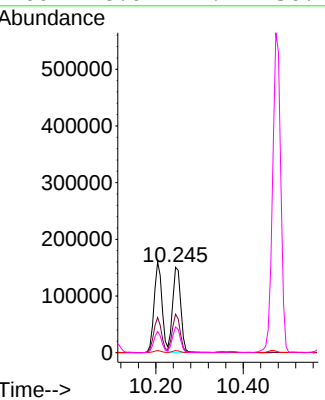
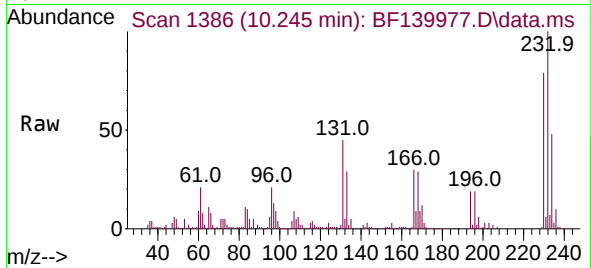




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.944 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

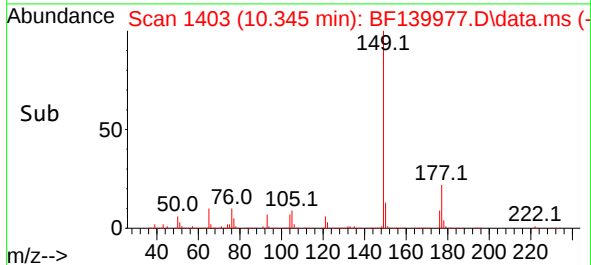
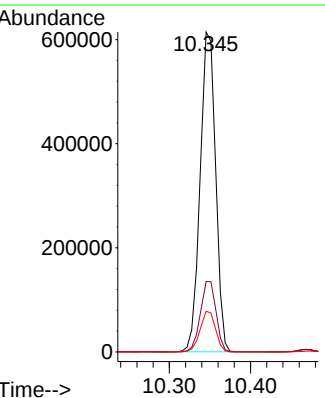
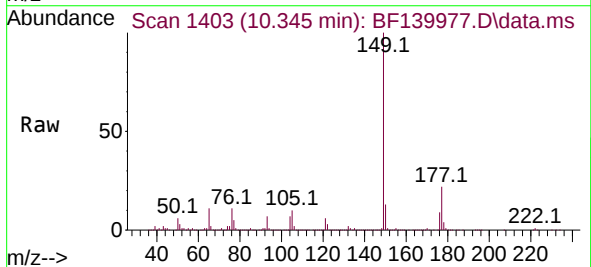
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

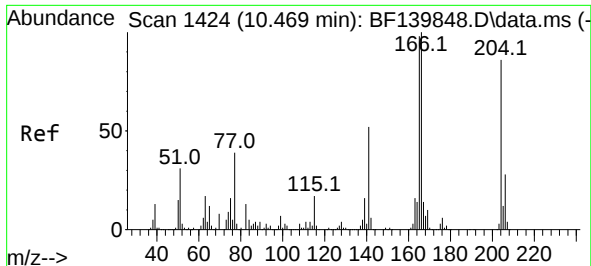
Tgt Ion:232 Resp: 195193
Ion Ratio Lower Upper
232 100
131 42.1 37.0 55.6
130 2.3 1.9 2.9
166 28.6 24.2 36.2



#60
Diethylphthalate
Concen: 50.515 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:149 Resp: 814166
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 10.1 15.1

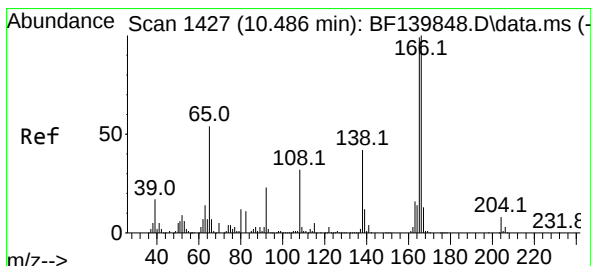
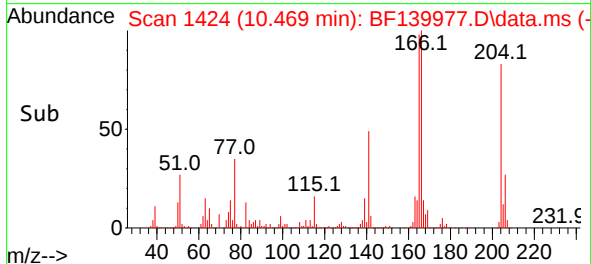
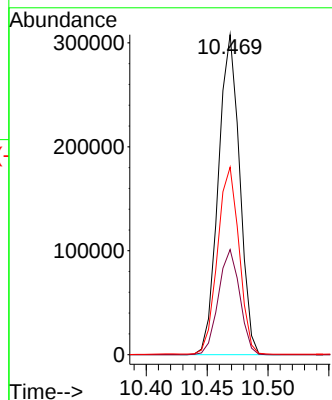
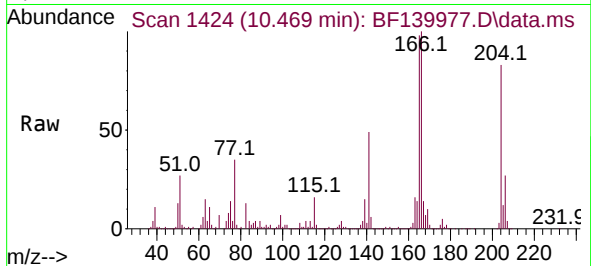




#61
4-Chlorophenyl-phenylether
Concen: 49.150 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

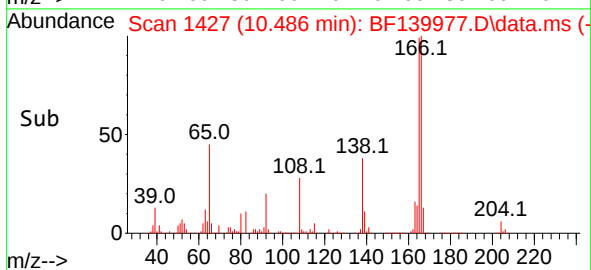
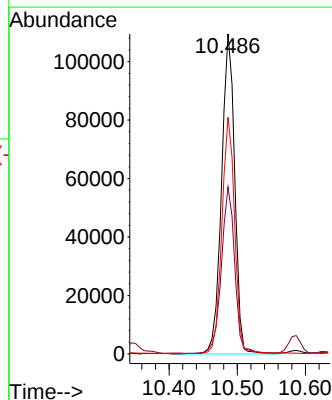
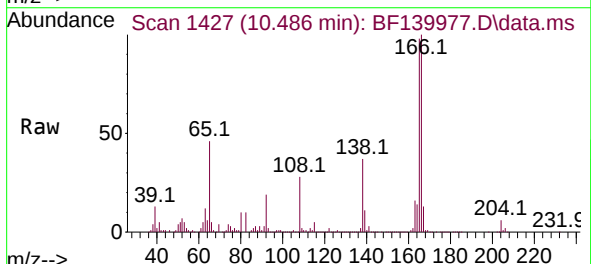
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

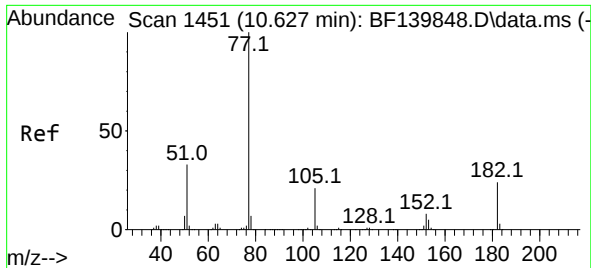
Tgt Ion:204 Resp: 374831
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 58.6 48.6 73.0



#62
4-Nitroaniline
Concen: 42.660 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:138 Resp: 147678
Ion Ratio Lower Upper
138 100
92 52.2 35.7 75.7
108 73.9 57.5 97.5

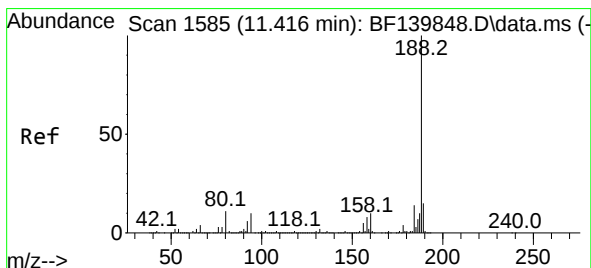
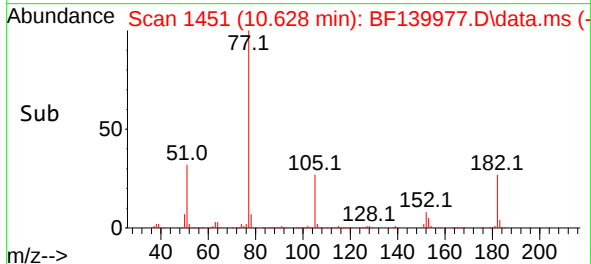
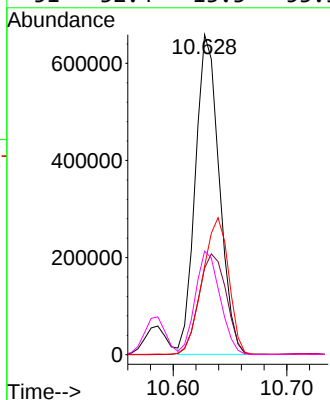
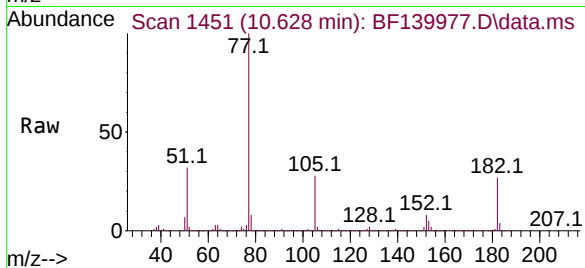




#63
Azobenzene
Concen: 56.260 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

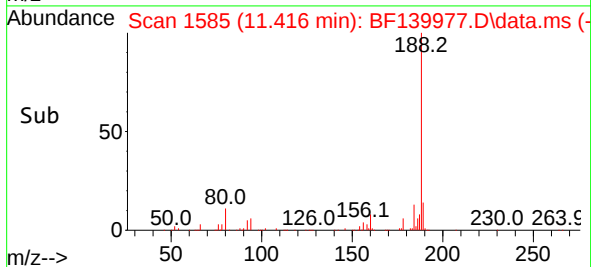
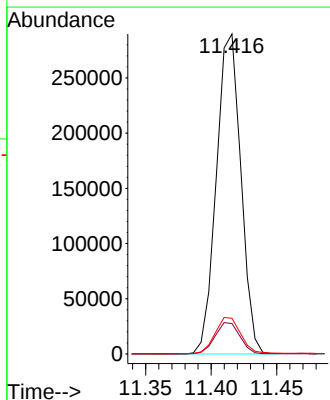
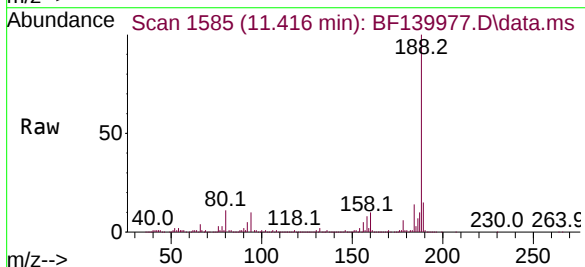
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

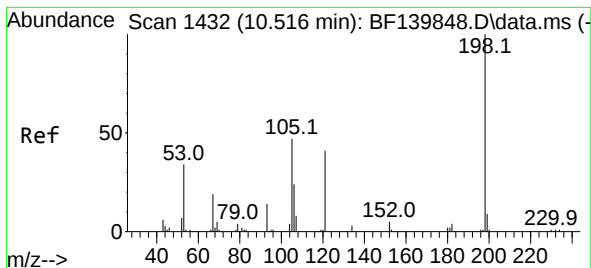
Tgt Ion:	77	Resp:	961318
Ion	Ratio	Lower	Upper
77	100		
182	27.0	3.3	43.3
105	27.7	1.2	41.2
51	32.4	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:	188	Resp:	377320
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	11.2	9.0	13.4

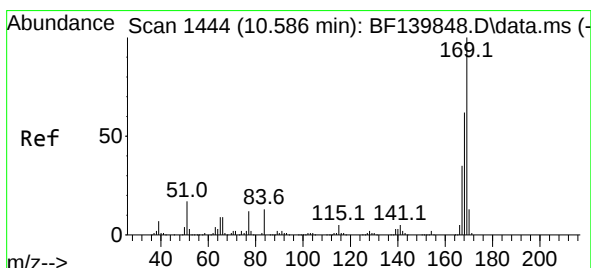
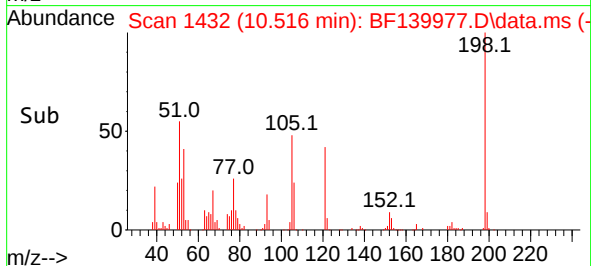
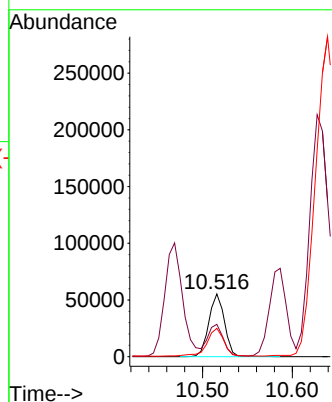
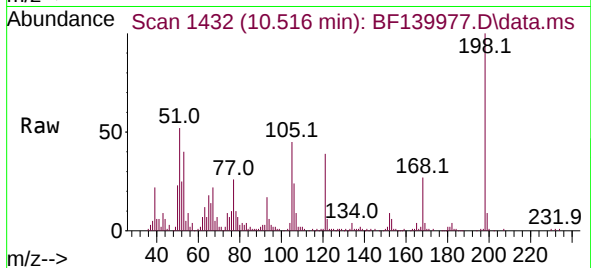




#65
4,6-Dinitro-2-methylphenol
Concen: 43.397 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

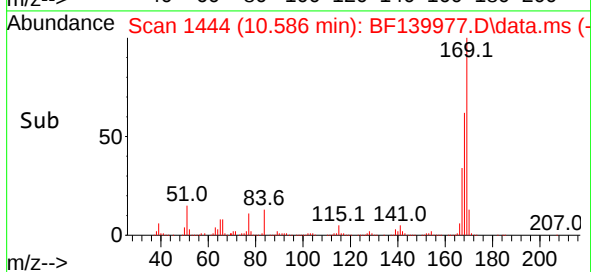
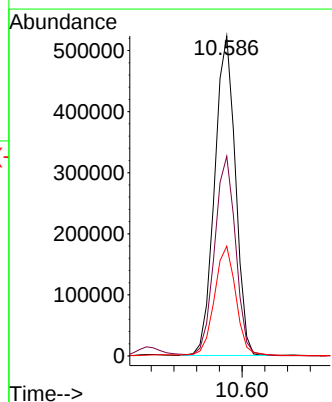
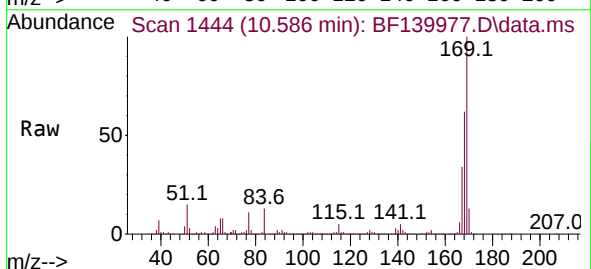
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

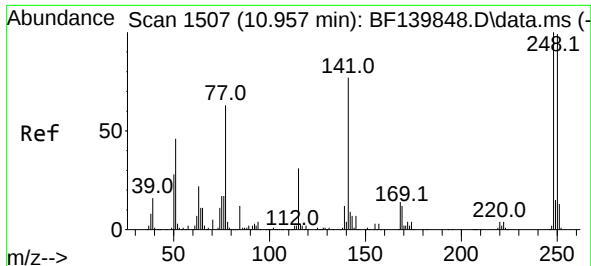
Tgt Ion:198 Resp: 66791
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 45.1 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 58.850 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:169 Resp: 664599
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 34.3 28.0 42.0

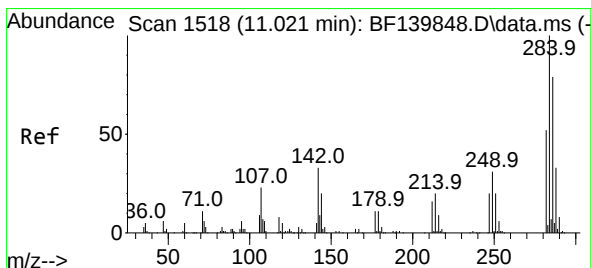
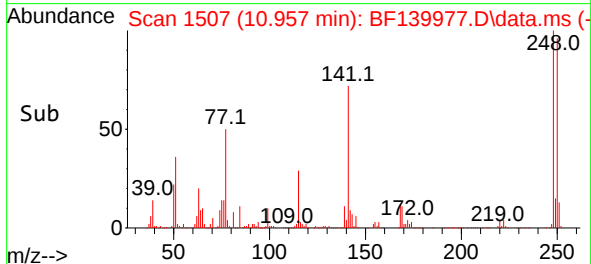
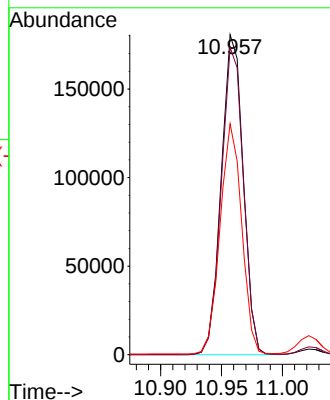
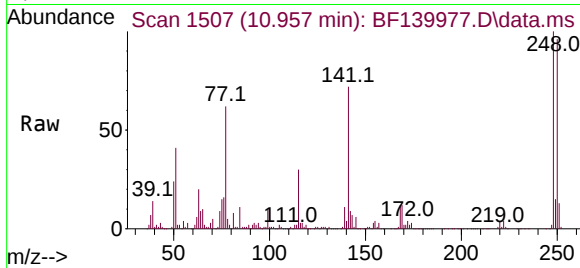




#67
4-Bromophenyl-phenylether
Concen: 58.290 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

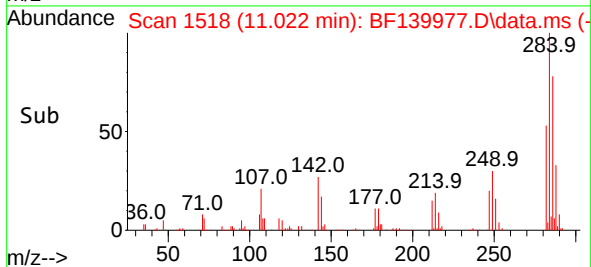
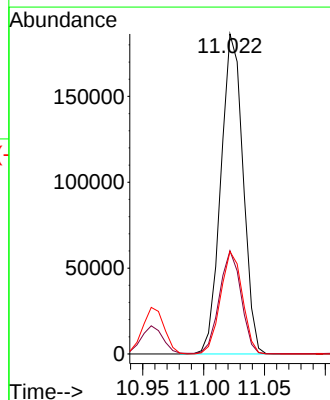
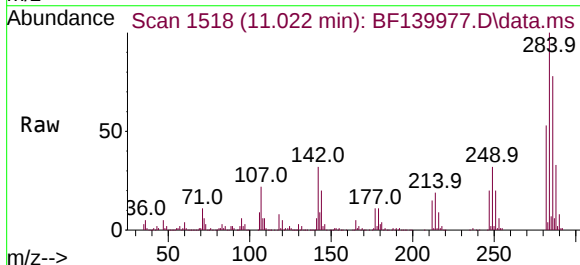
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

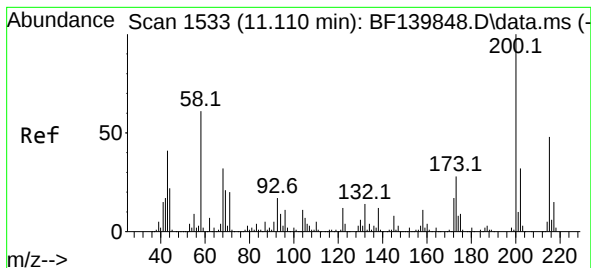
Tgt Ion:248 Resp: 226580
Ion Ratio Lower Upper
248 100
250 96.0 79.0 118.6
141 72.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 54.067 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:284 Resp: 236364
Ion Ratio Lower Upper
284 100
142 32.2 26.9 40.3
249 32.0 25.3 37.9





#69

Atrazine

Concen: 66.671 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

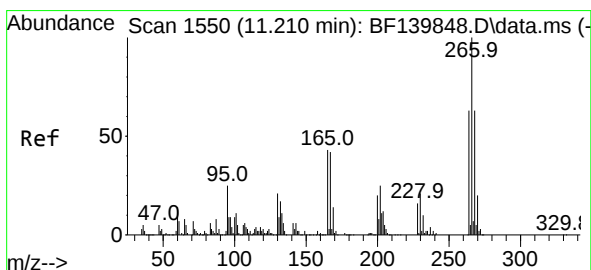
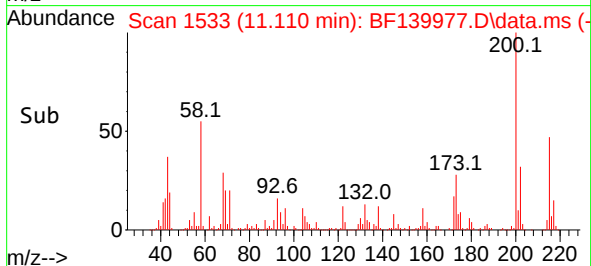
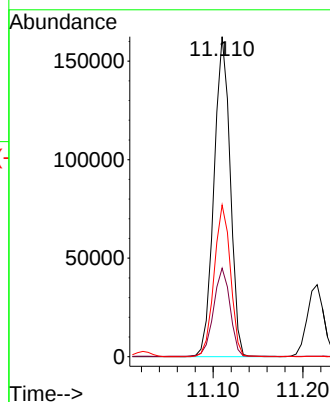
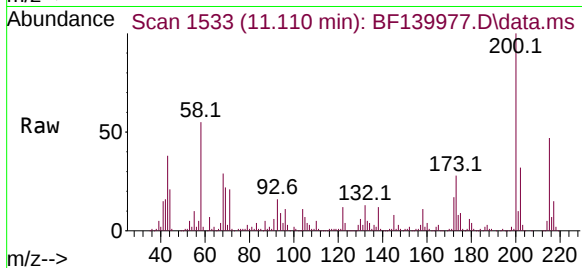
Tgt Ion:200 Resp: 203957

Ion Ratio Lower Upper

200 100

173 27.6 7.7 47.7

215 47.4 27.7 67.7



#70

Pentachlorophenol

Concen: 101.122 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

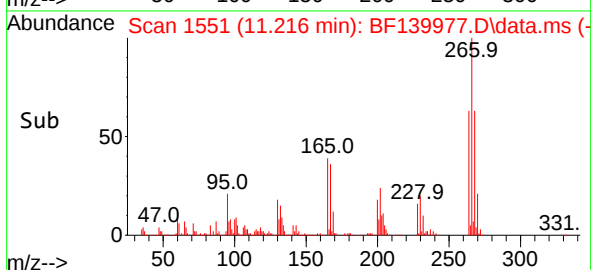
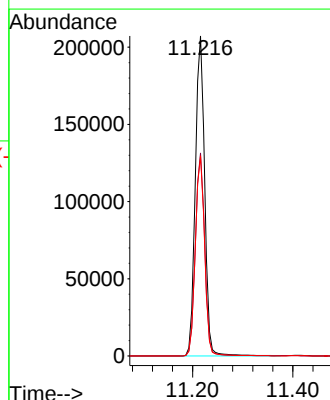
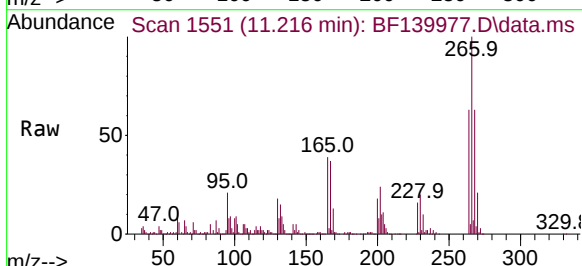
Tgt Ion:266 Resp: 268299

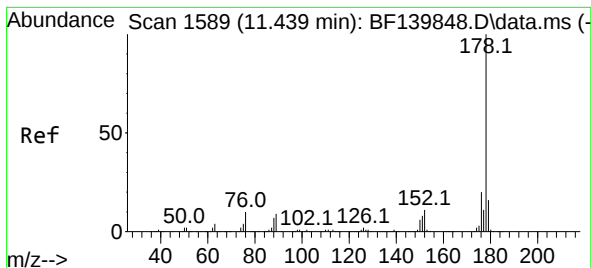
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 62.5 50.6 75.8





#71

Phenanthrene

Concen: 58.565 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

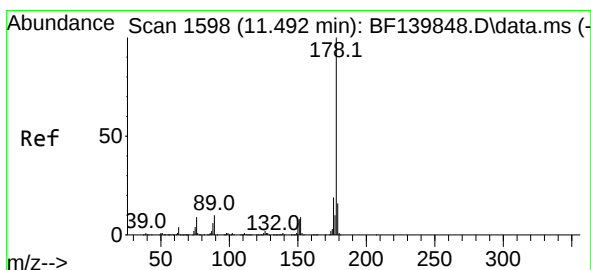
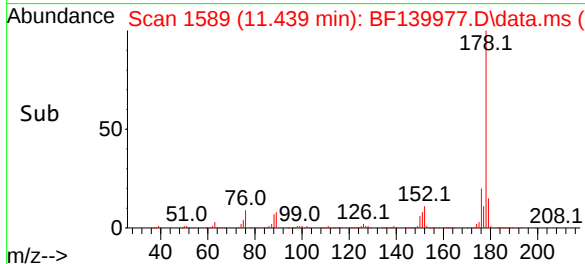
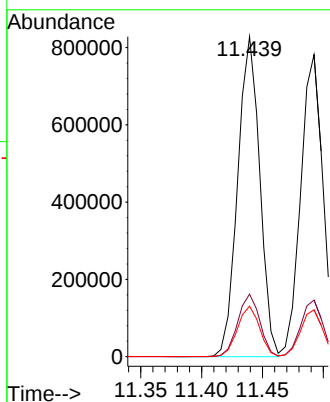
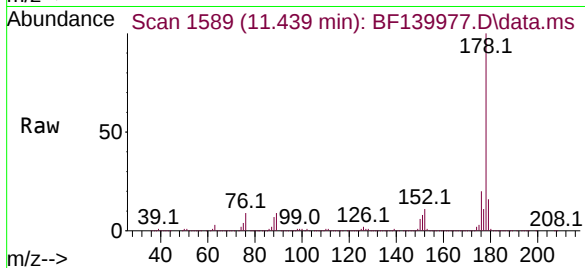
Tgt Ion:178 Resp: 1043799

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.6 18.8



#72

Anthracene

Concen: 57.045 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

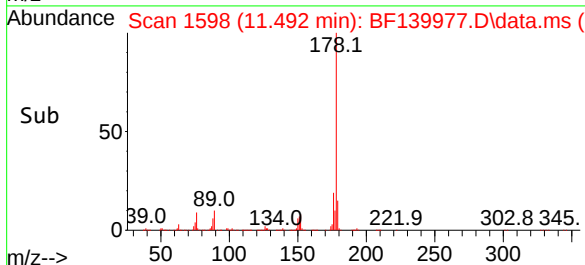
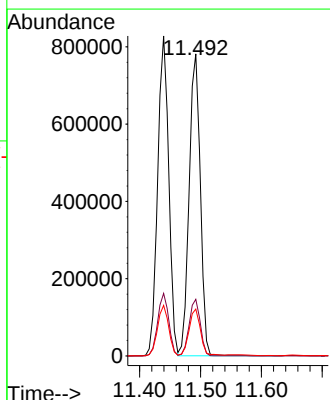
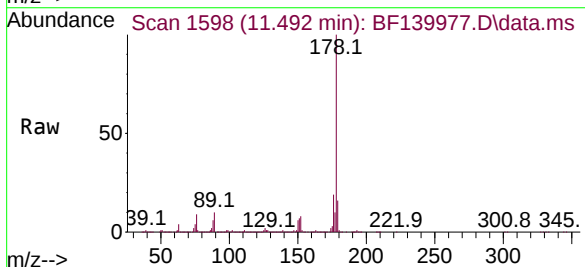
Tgt Ion:178 Resp: 991993

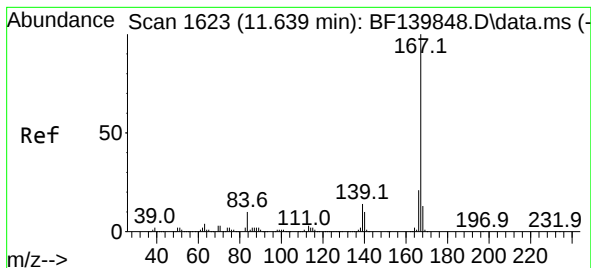
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.5 12.4 18.6





#73

Carbazole

Concen: 51.085 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

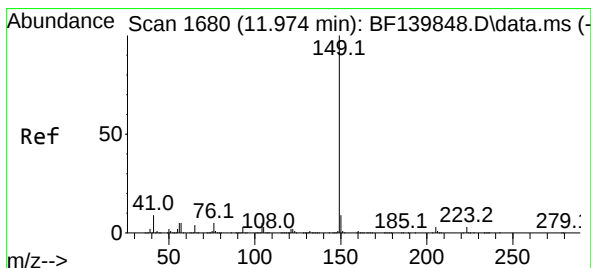
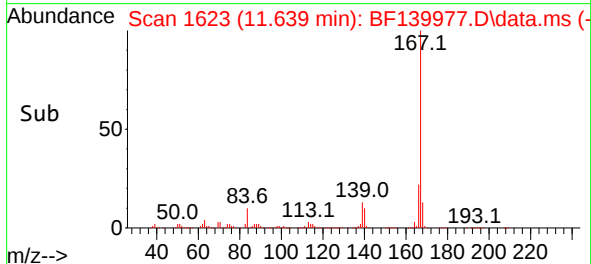
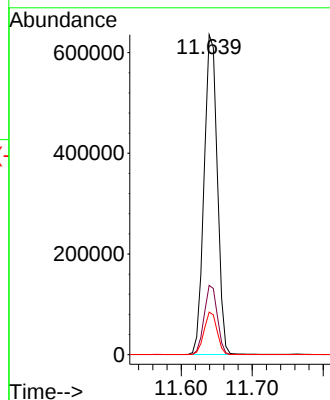
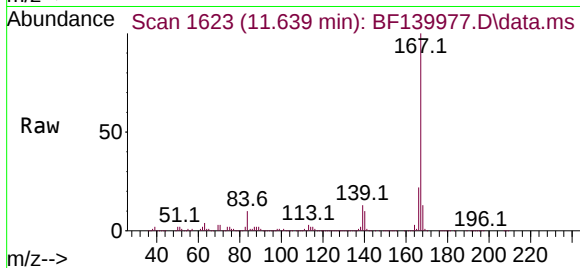
Tgt Ion:167 Resp: 826188

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 56.971 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

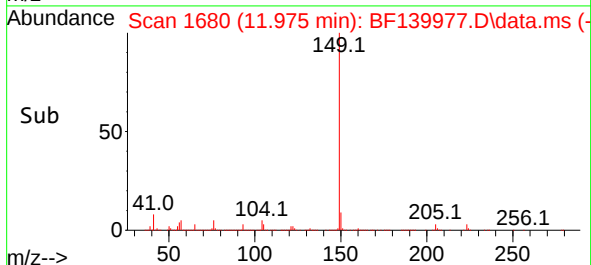
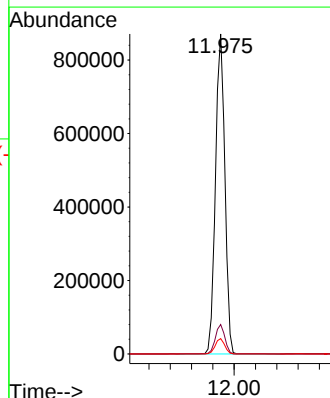
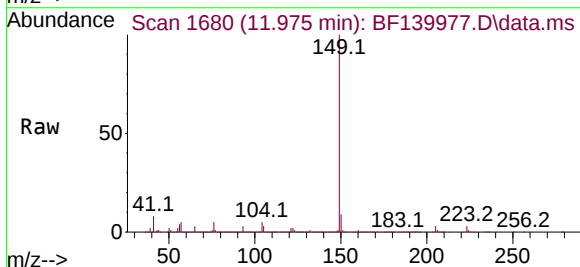
Tgt Ion:149 Resp: 1064494

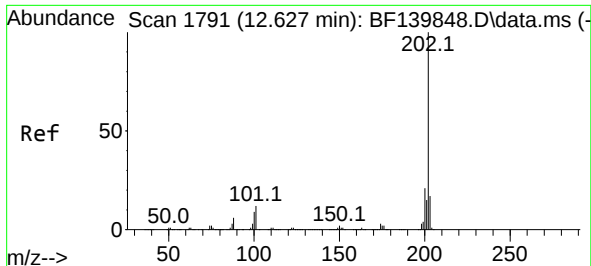
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 4.1 6.1

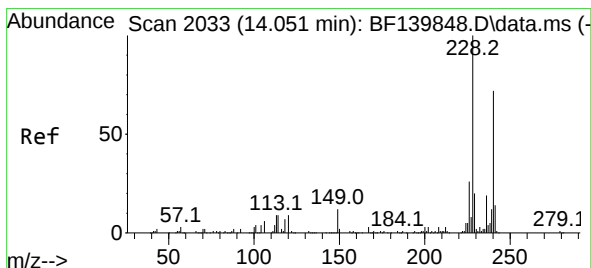
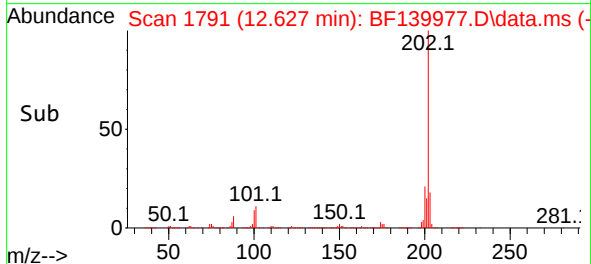
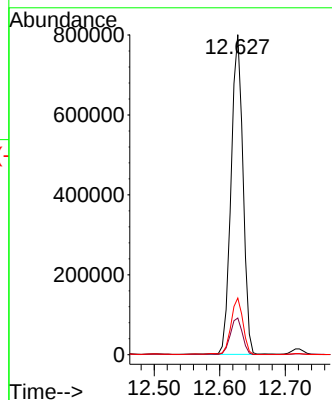
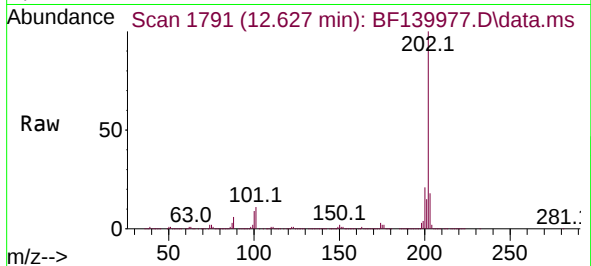




#75
Fluoranthene
Concen: 55.960 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

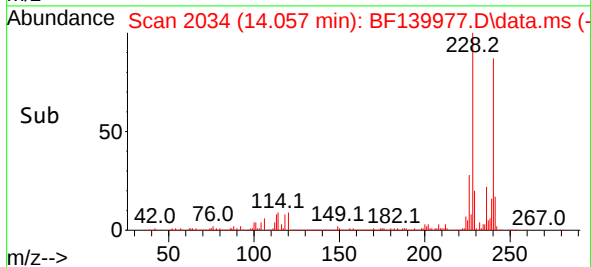
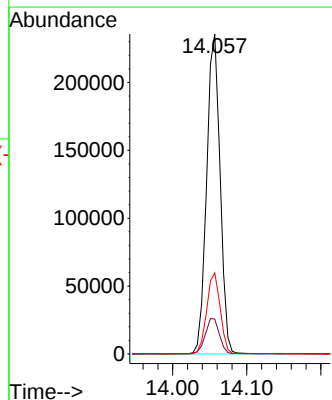
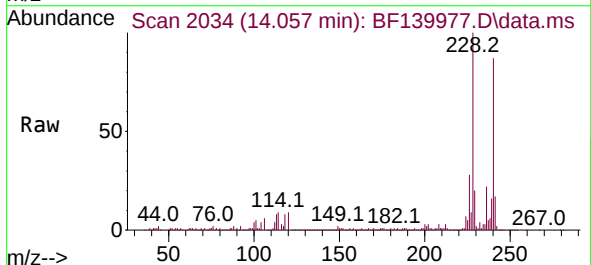
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

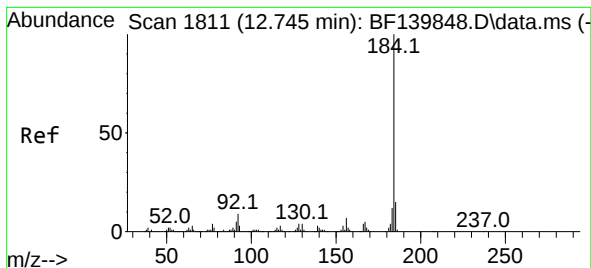
Tgt Ion:202 Resp: 1008266
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139977.D
Acq: 23 Oct 2024 21:20

Tgt Ion:240 Resp: 297713
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.4 20.9 31.3





#77

Benzidine

Concen: 41.983 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

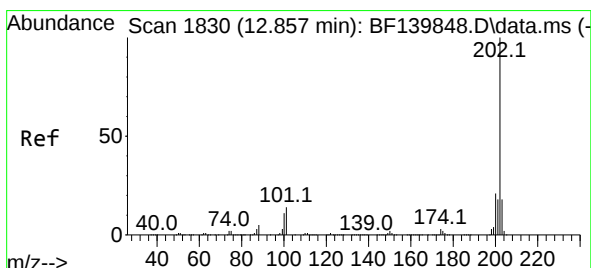
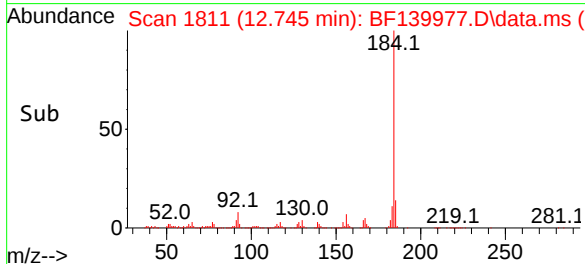
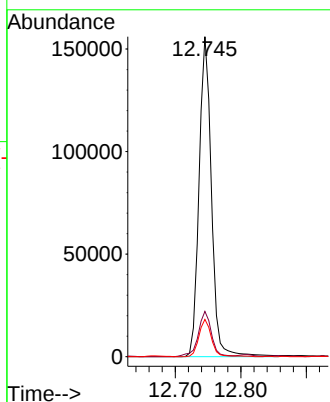
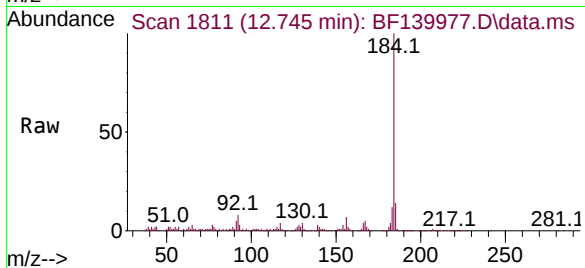
Tgt Ion:184 Resp: 205525

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 11.7 9.4 14.2



#78

Pyrene

Concen: 40.807 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

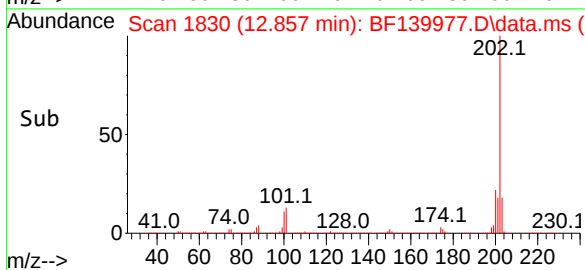
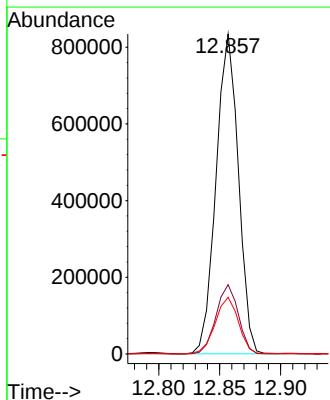
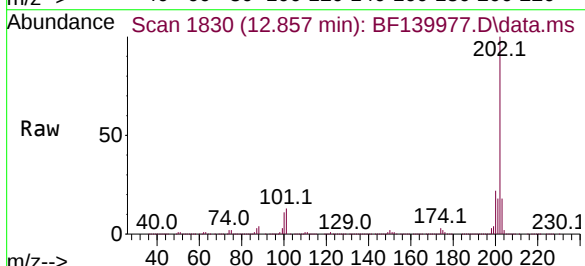
Tgt Ion:202 Resp: 1063411

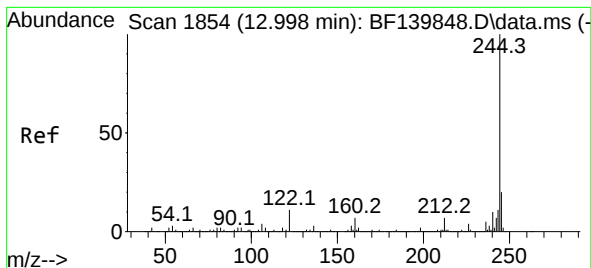
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 62.710 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

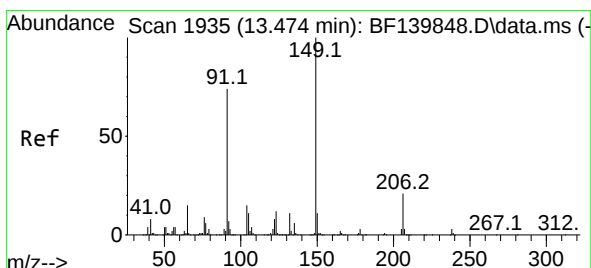
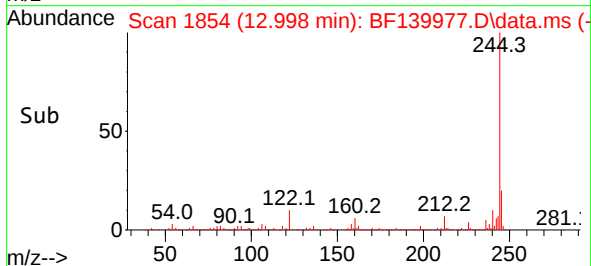
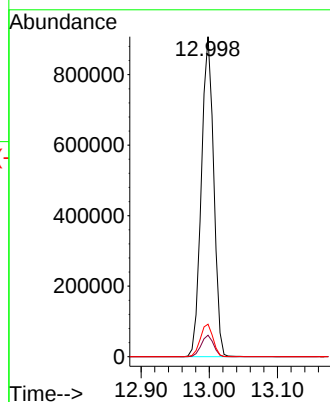
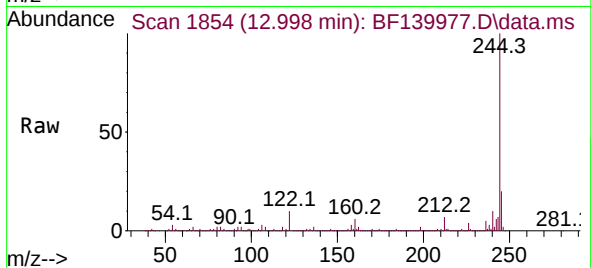
Tgt Ion:244 Resp: 1145736

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.2 8.6 13.0



#80

Butylbenzylphthalate

Concen: 55.789 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

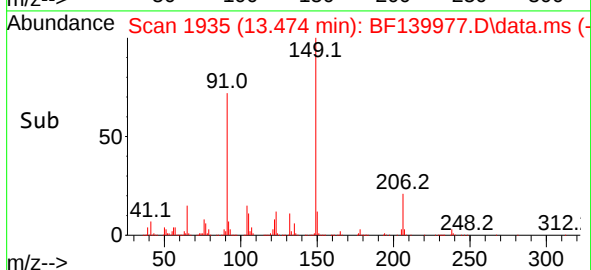
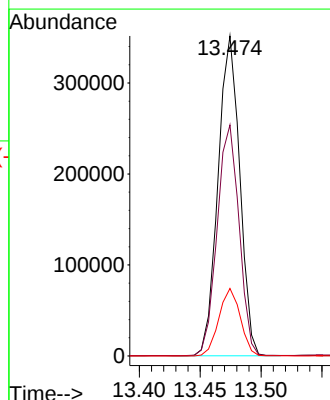
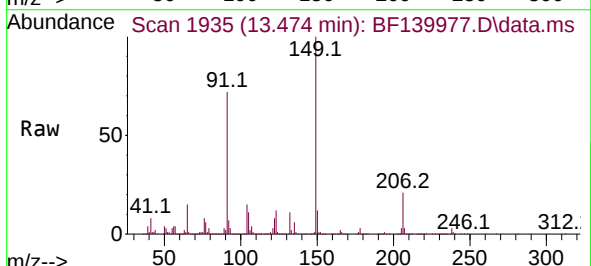
Tgt Ion:149 Resp: 435867

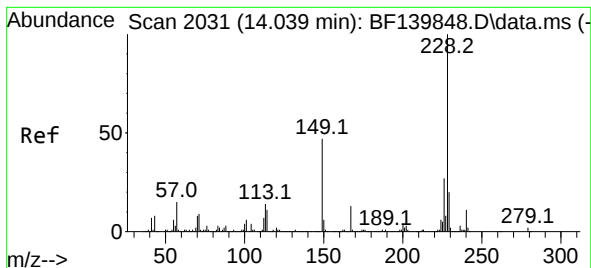
Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.2

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.192 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

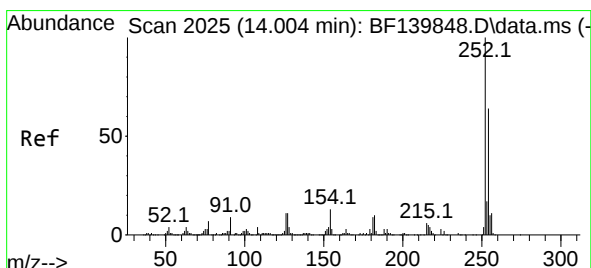
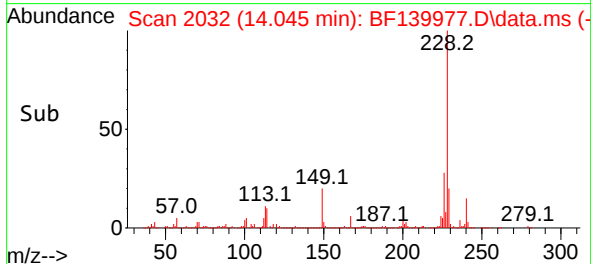
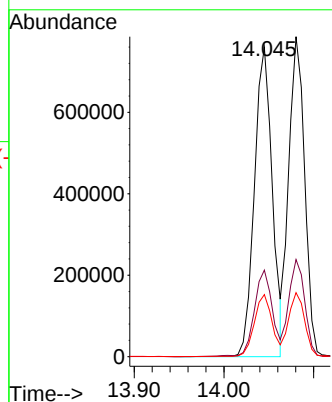
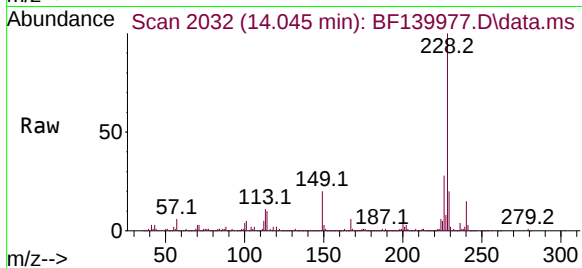
Tgt Ion:228 Resp: 1050257

Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.959 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

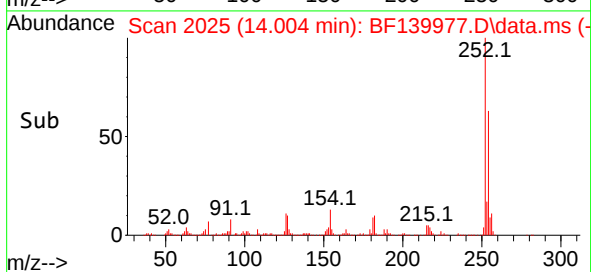
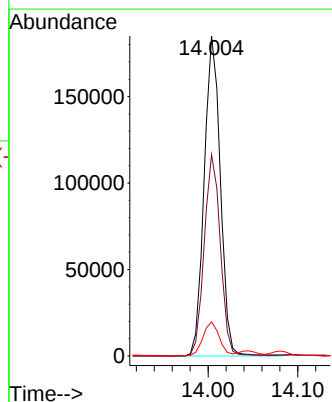
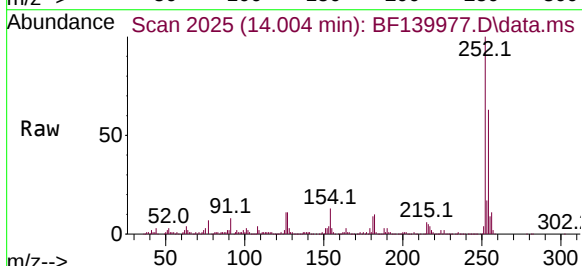
Tgt Ion:252 Resp: 231442

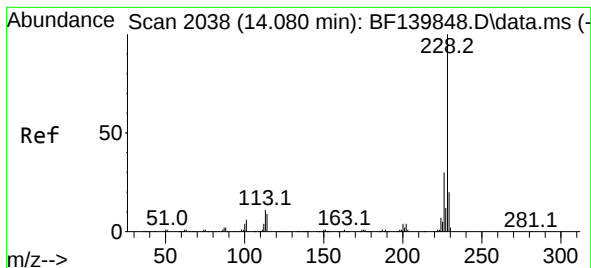
Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 10.7 8.9 13.3





#83

Chrysene

Concen: 54.261 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

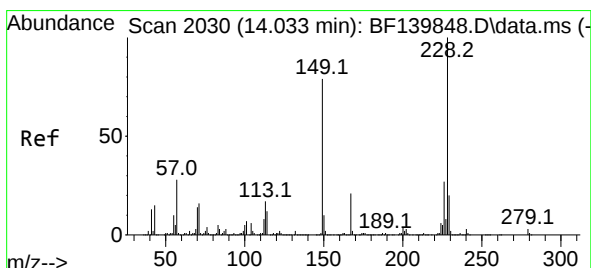
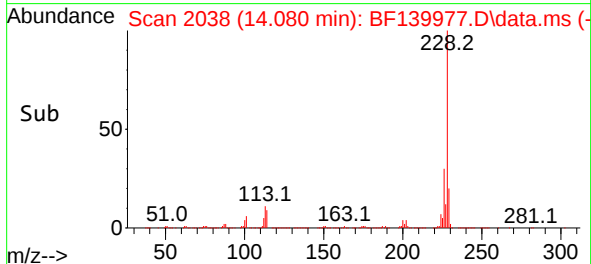
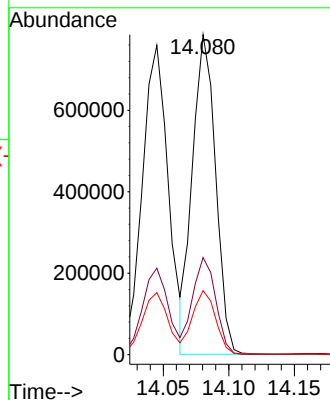
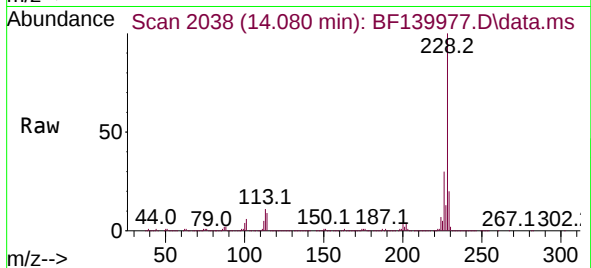
Tgt Ion:228 Resp: 964181

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.054 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

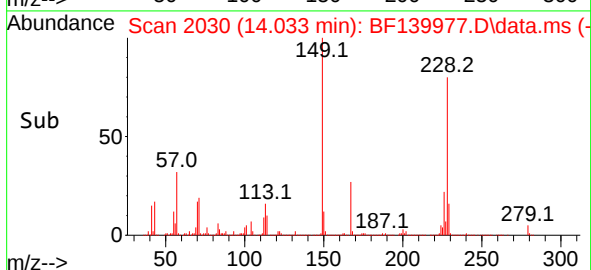
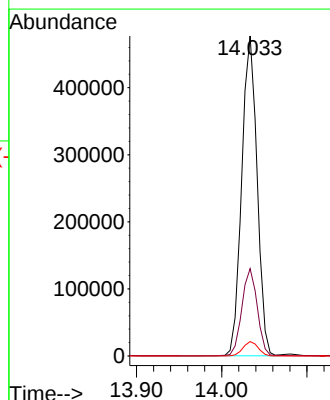
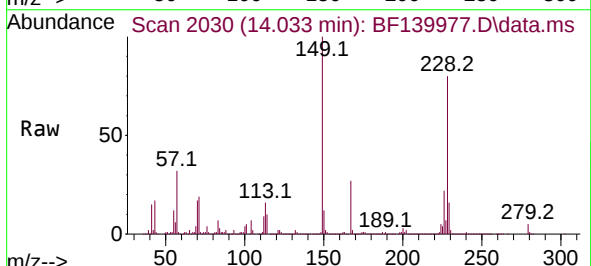
Tgt Ion:149 Resp: 596526

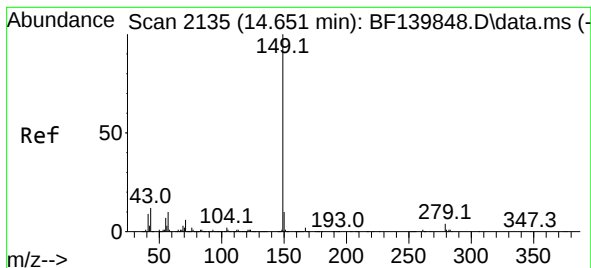
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 69.714 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

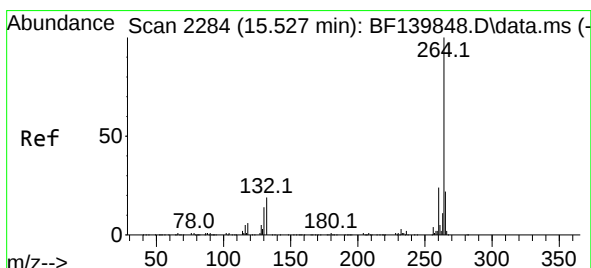
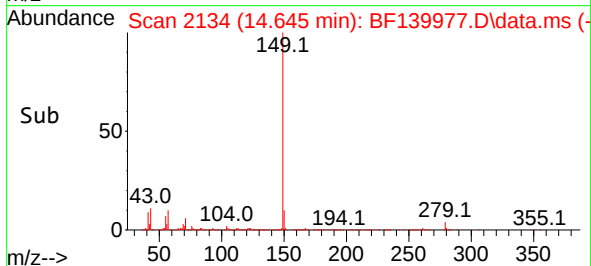
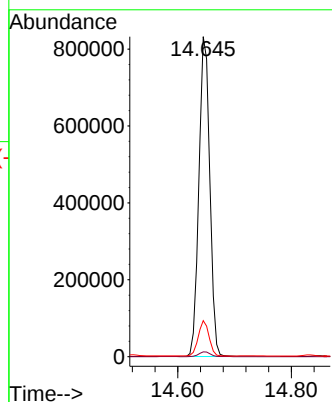
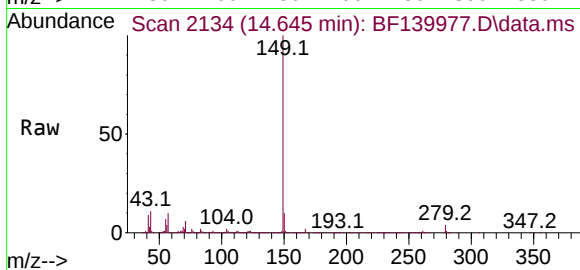
Tgt Ion:149 Resp: 1111486

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

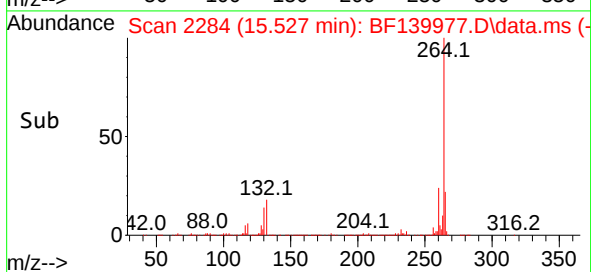
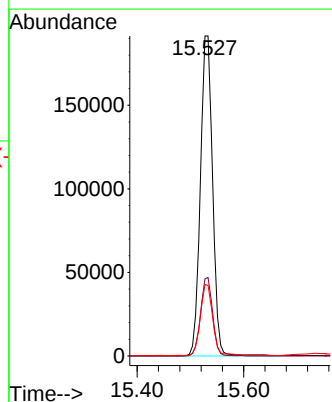
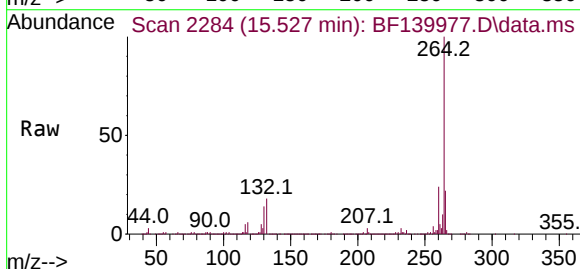
Tgt Ion:264 Resp: 304160

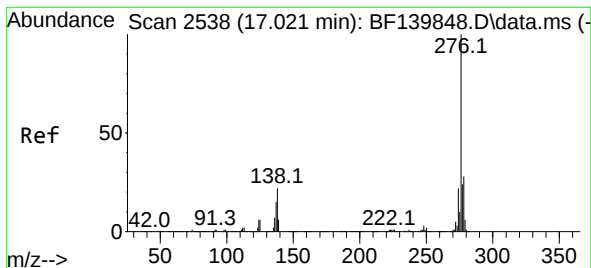
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.183 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

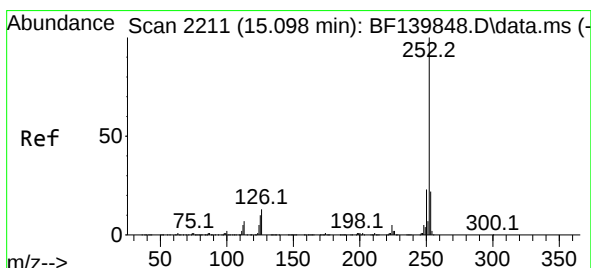
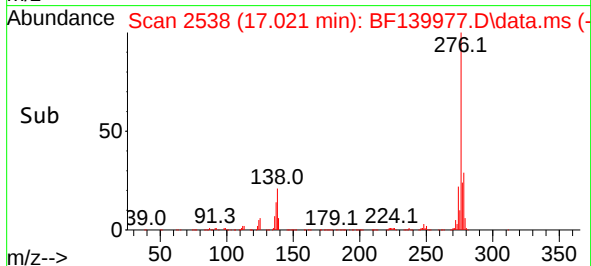
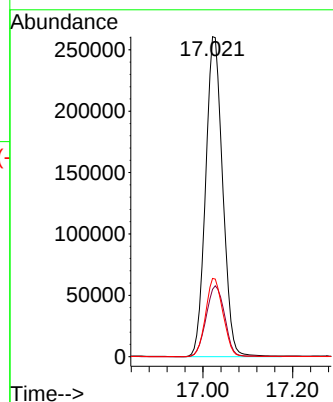
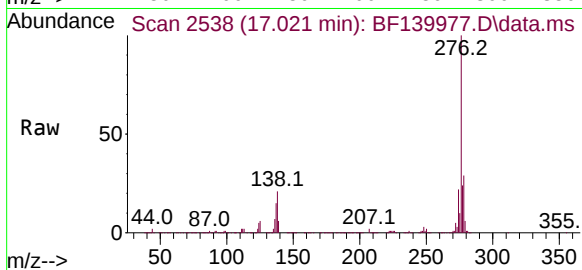
Tgt Ion:276 Resp: 688441

Ion Ratio Lower Upper

276 100

138 24.2 20.4 30.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 59.562 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

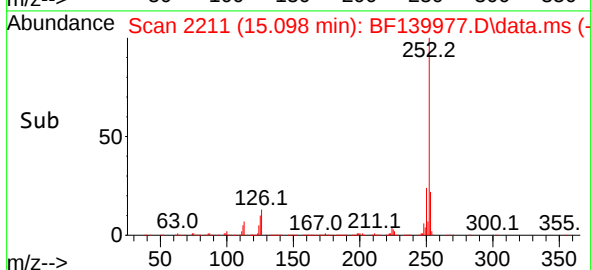
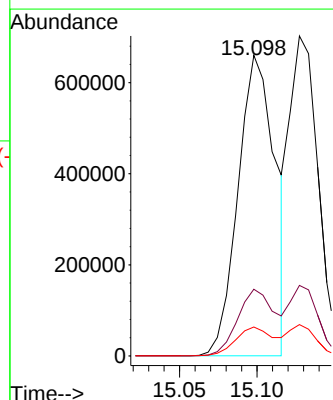
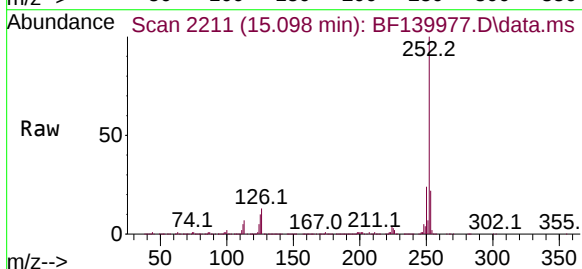
Tgt Ion:252 Resp: 1103565

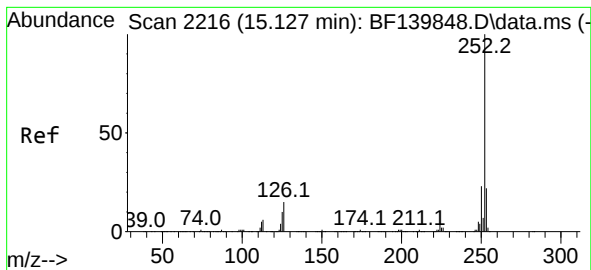
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 55.591 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

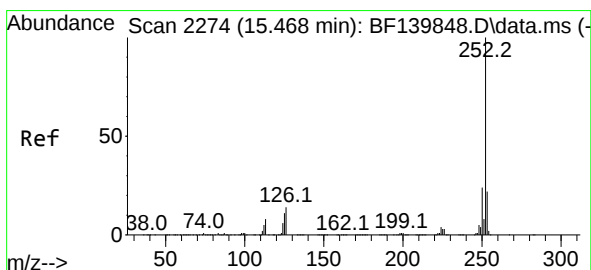
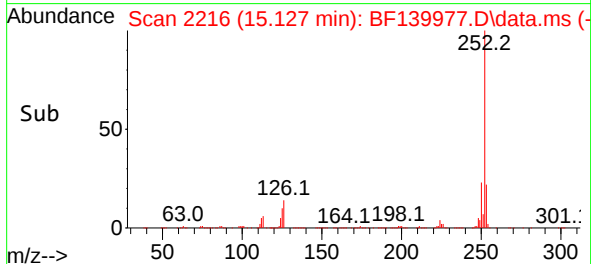
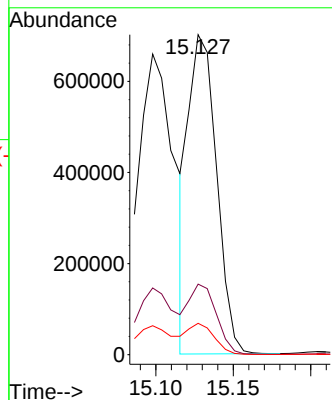
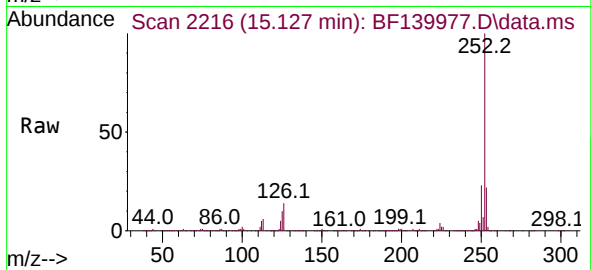
Tgt Ion:252 Resp: 888283

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 57.523 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139977.D

Acq: 23 Oct 2024 21:20

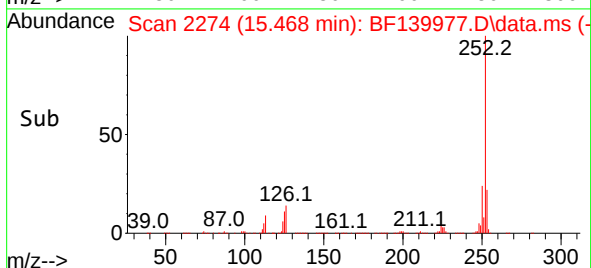
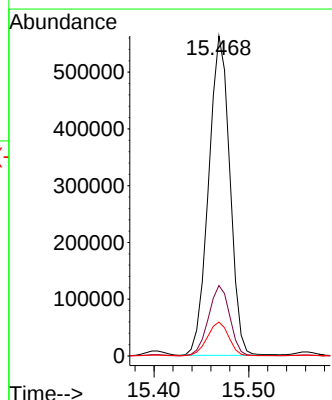
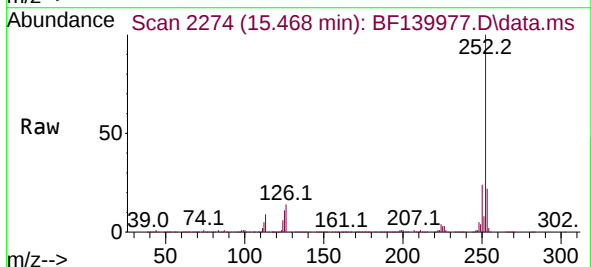
Tgt Ion:252 Resp: 876971

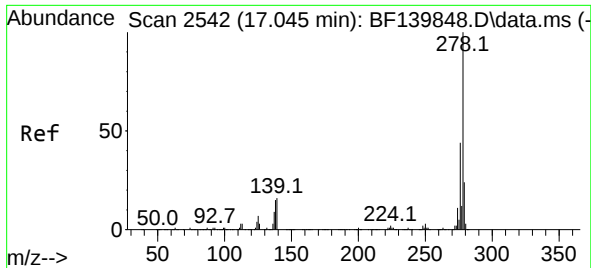
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.6 8.7 13.1

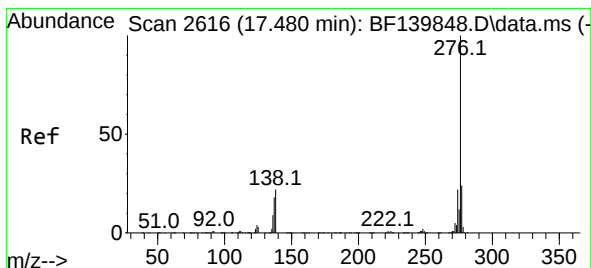
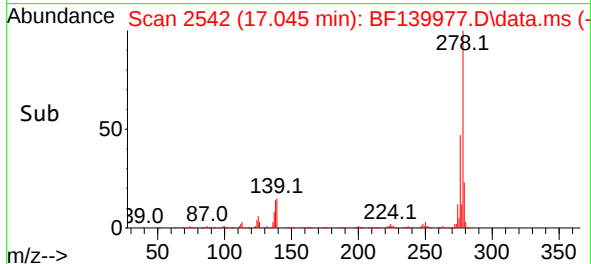
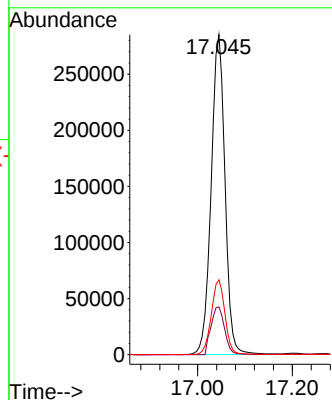
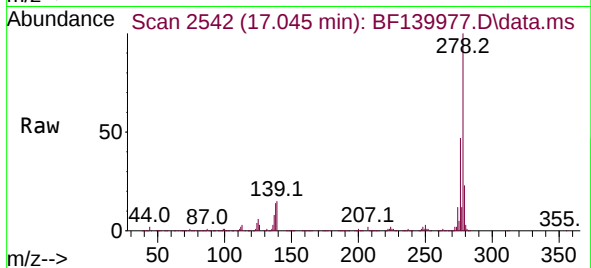




#91
 Dibenzo(a,h)anthracene
 Concen: 35.434 ng
 RT: 17.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139977.D
 Acq: 23 Oct 2024 21:20

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS

Tgt Ion:278 Resp: 578410
 Ion Ratio Lower Upper
 278 100
 139 15.0 13.1 19.7
 279 23.4 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 30.072 ng
 RT: 17.474 min Scan# 2615
 Delta R.T. -0.006 min
 Lab File: BF139977.D
 Acq: 23 Oct 2024 21:20

Tgt Ion:276 Resp: 490321
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.0 28.6
 138 21.4 17.4 26.0

