

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140004.D
 Acq On : 24 Oct 2024 16:48
 Operator : RC/JU
 Sample : P4467-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Oct 24 17:21:13 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	151264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	576250	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	315137	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	529411	20.000	ng	0.00
76) Chrysene-d12	14.051	240	267551	20.000	ng	0.00
86) Perylene-d12	15.533	264	360724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	805687	83.384	ng	0.01
7) Phenol-d6	6.510	99	1021804	81.650	ng	0.00
23) Nitrobenzene-d5	7.451	82	642796	61.824	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	283105	96.043	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1123670	58.929	ng	0.00
79) Terphenyl-d14	12.998	244	915305	55.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	171832	38.142	ng	93
3) Pyridine	3.499	79	438761	39.292	ng	95
4) n-Nitrosodimethylamine	3.452	42	235636	39.275	ng	97
6) Aniline	6.551	93	456018	39.099	ng	98
8) 2-Chlorophenol	6.675	128	443860	44.935	ng	96
9) Benzaldehyde	6.440	77	92752	13.175	ng	95
10) Phenol	6.528	94	561724m	43.539	ng	
11) bis(2-Chloroethyl)ether	6.622	93	430545	43.175	ng	99
12) 1,3-Dichlorobenzene	6.834	146	477261	42.090	ng	98
13) 1,4-Dichlorobenzene	6.910	146	489383	43.199	ng	98
14) 1,2-Dichlorobenzene	7.063	146	462436	43.738	ng	98
15) Benzyl Alcohol	7.028	79	405333	44.155	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	701721	41.269	ng	97
17) 2-Methylphenol	7.134	107	365135	43.350	ng	99
18) Hexachloroethane	7.404	117	173112	42.852	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	319244	42.061	ng	97
20) 3+4-Methylphenols	7.287	107	450776	41.841	ng	95
22) Acetophenone	7.298	105	605629	42.909	ng	98
24) Nitrobenzene	7.469	77	481672	42.254	ng	99
25) Isophorone	7.710	82	867683	43.969	ng	99
26) 2-Nitrophenol	7.787	139	227680	52.943	ng	97
27) 2,4-Dimethylphenol	7.822	122	371367	51.788	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	517766	43.306	ng	99
29) 2,4-Dichlorophenol	8.028	162	369829	45.279	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	382660	42.340	ng	99
31) Naphthalene	8.192	128	1284074	43.206	ng	100
32) Benzoic acid	7.928	122	261579	41.824	ng	98
33) 4-Chloroaniline	8.239	127	160062	15.795	ng	97
34) Hexachlorobutadiene	8.310	225	250591	44.130	ng	99
35) Caprolactam	8.610	113	116159m	44.727	ng	
36) 4-Chloro-3-methylphenol	8.716	107	394038	43.569	ng	97
37) 2-Methylnaphthalene	8.887	142	802736	44.103	ng	100
38) 1-Methylnaphthalene	8.987	142	752339	42.130	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	380696	44.778	ng	99
41) Hexachlorocyclopentadiene	9.039	237	471357	159.336	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	282232	46.888	ng	99

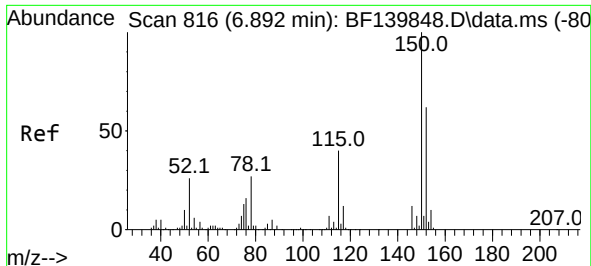
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 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	280392	45.150	ng	99
46) 1,1'-Biphenyl	9.351	154	973591	44.379	ng	99
47) 2-Chloronaphthalene	9.375	162	769688	43.561	ng	99
48) 2-Nitroaniline	9.469	65	257832	47.711	ng	90
49) Acenaphthylene	9.792	152	1189746	46.575	ng	100
50) Dimethylphthalate	9.651	163	897645	45.730	ng	100
51) 2,6-Dinitrotoluene	9.710	165	196954	46.341	ng	94
52) Acenaphthene	9.963	154	807584	48.872	ng	99
53) 3-Nitroaniline	9.875	138	130524	29.780	ng	98
54) 2,4-Dinitrophenol	9.981	184	182723	101.561	ng	# 1
55) Dibenzofuran	10.134	168	1054724	44.486	ng	98
56) 4-Nitrophenol	10.034	139	307515	91.196	ng	96
57) 2,4-Dinitrotoluene	10.110	165	264413	50.591	ng	96
58) Fluorene	10.475	166	789620	43.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	227526	46.735	ng	96
60) Diethylphthalate	10.351	149	863653	44.811	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	404311	44.335	ng	98
62) 4-Nitroaniline	10.492	138	187027	45.181	ng	96
63) Azobenzene	10.628	77	960246	46.996	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	130518	60.440	ng	95
66) n-Nitrosodiphenylamine	10.586	169	738410	46.602	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	259160	47.518	ng	98
68) Hexachlorobenzene	11.022	284	284470	46.377	ng	98
69) Atrazine	11.110	200	237987	55.446	ng	100
70) Pentachlorophenol	11.216	266	306185	82.249	ng	99
71) Phenanthrene	11.439	178	1108145	44.313	ng	100
72) Anthracene	11.492	178	1130666	46.341	ng	100
73) Carbazole	11.639	167	939513	41.403	ng	99
74) Di-n-butylphthalate	11.975	149	1231382	46.970	ng	100
75) Fluoranthene	12.627	202	990260	39.171	ng	99
77) Benzidine	12.745	184	289331	65.765	ng	99
78) Pyrene	12.857	202	962093	41.081	ng	100
80) Butylbenzylphthalate	13.474	149	367843	52.390	ng	97
81) Benzo(a)anthracene	14.039	228	813331	46.698	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	179744	35.396	ng	98
83) Chrysene	14.080	228	708241	44.351	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	473241	60.075	ng	# 98
85) Di-n-octyl phthalate	14.645	149	805035	56.185	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	1056164	45.512	ng	98
88) Benzo(b)fluoranthene	15.098	252	879161	40.010	ng	99
89) Benzo(k)fluoranthene	15.127	252	865105	45.651	ng	99
90) Benzo(a)pyrene	15.468	252	868929	48.058	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	877416	45.323	ng	98
92) Benzo(g,h,i)perylene	17.480	276	759976	39.301	ng	98

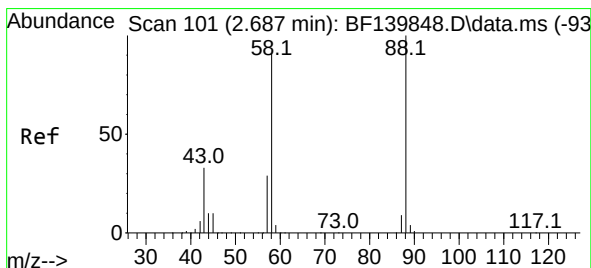
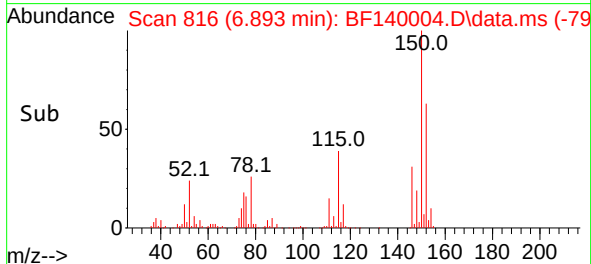
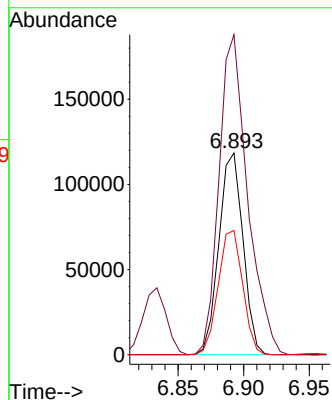
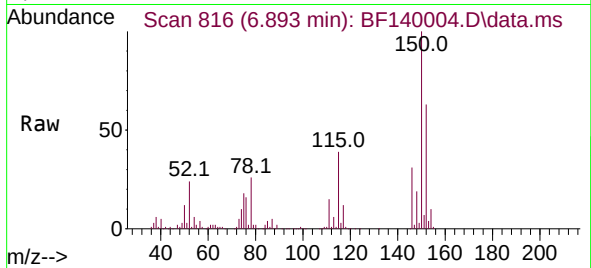
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF140004.D
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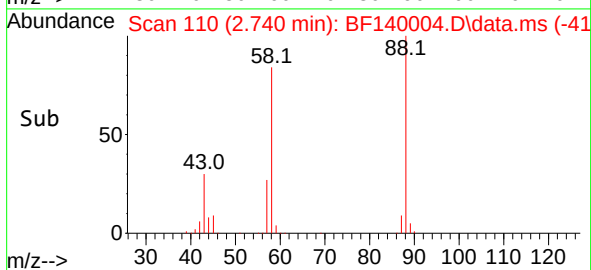
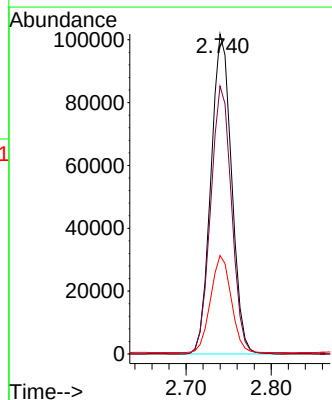
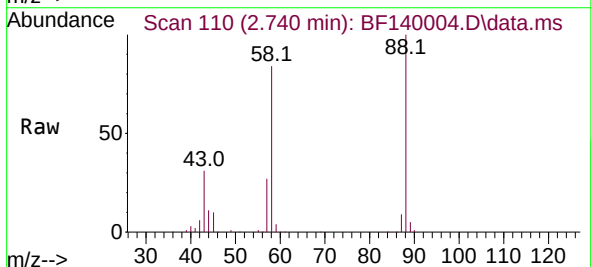
Instrument :
BNA_F
ClientSampleId :
TP-1MS

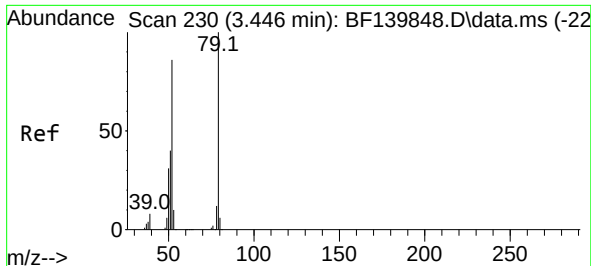
Tgt Ion:152 Resp: 151264
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.2
115 61.6 51.4 77.2



#2
1,4-Dioxane
Concen: 38.142 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 88 Resp: 171832
Ion Ratio Lower Upper
88 100
58 84.7 73.3 109.9
43 30.3 27.1 40.7





#3

Pyridine

Concen: 39.292 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

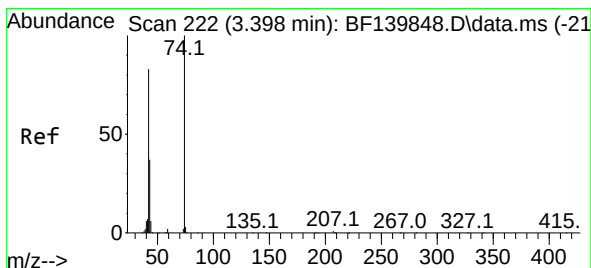
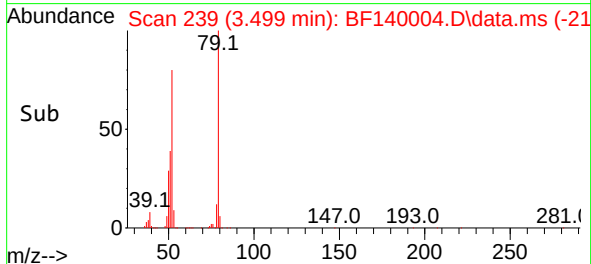
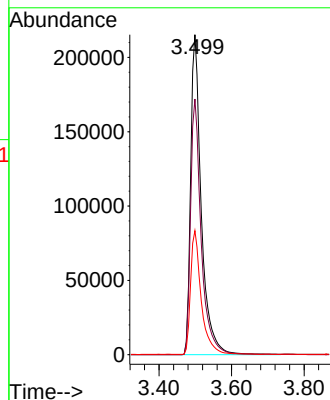
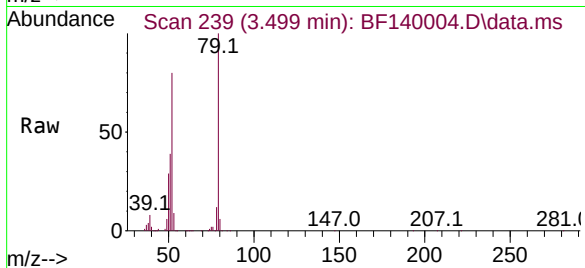
Tgt Ion: 79 Resp: 438761

Ion Ratio Lower Upper

79 100

52 79.9 68.5 102.7

51 38.7 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 39.275 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.053 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

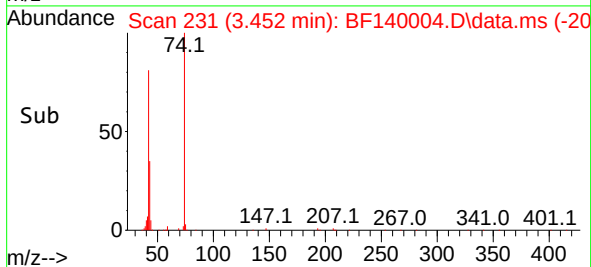
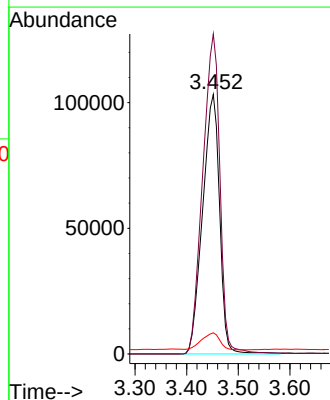
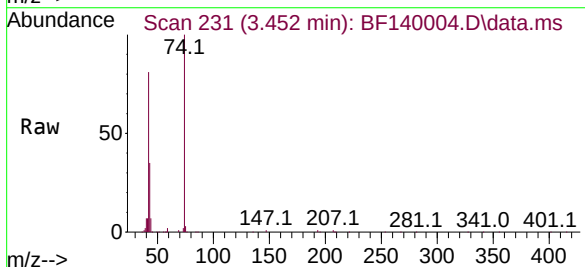
Tgt Ion: 42 Resp: 235636

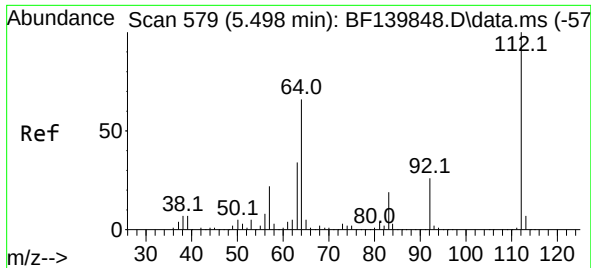
Ion Ratio Lower Upper

42 100

74 123.3 96.2 144.4

44 8.2 6.2 9.2

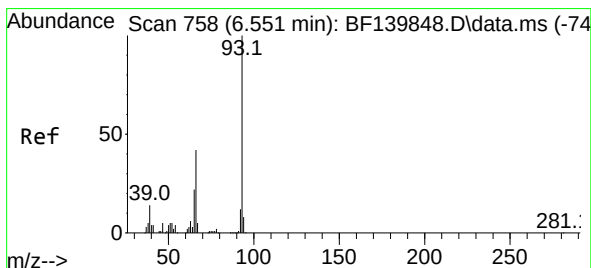
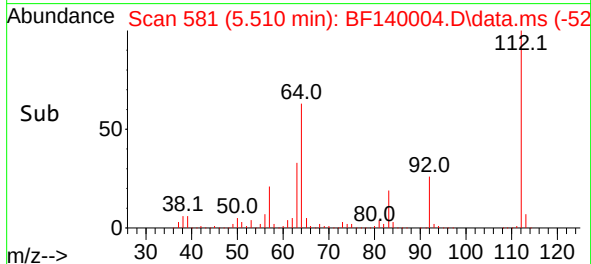
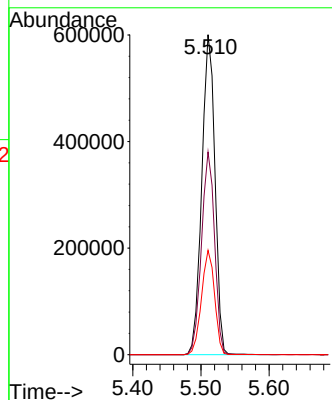
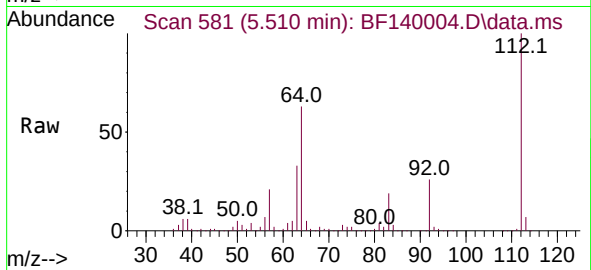




#5
2-Fluorophenol
Concen: 83.384 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

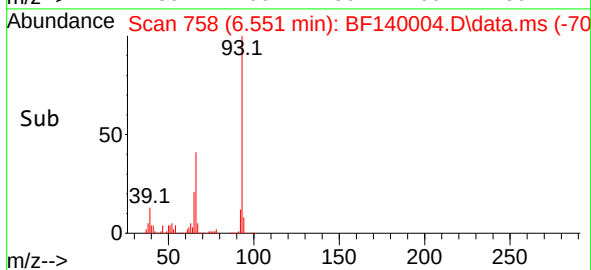
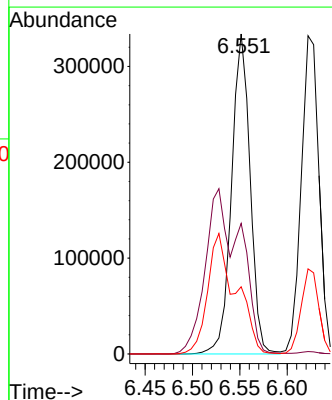
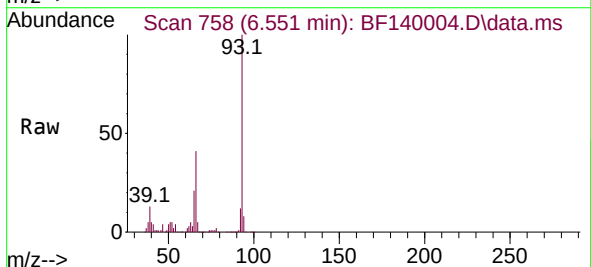
Instrument :
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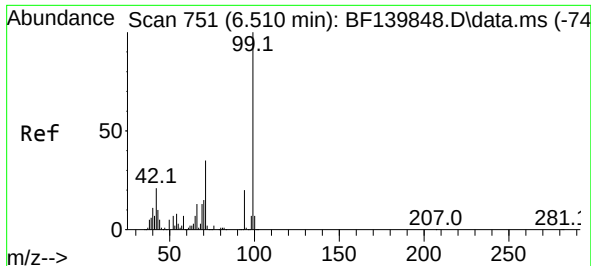
Tgt Ion:112 Resp: 805687
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 32.6 27.0 40.4



#6
Aniline
Concen: 39.099 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 93 Resp: 456018
Ion Ratio Lower Upper
93 100
66 40.8 34.0 51.0
65 21.0 17.4 26.0





#7

Phenol-d6

Concen: 81.650 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

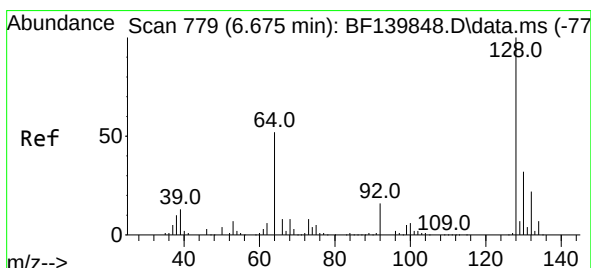
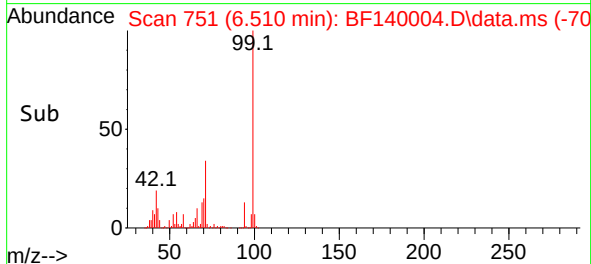
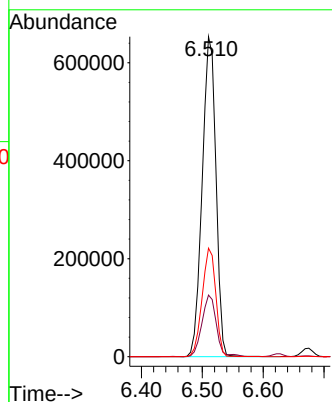
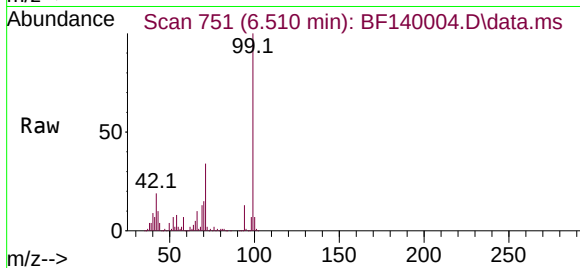
BNA_F

ClientSampleId :

TP-IMS

Tgt Ion: 99 Resp: 1021804

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.7	25.1
71	33.9	27.7	41.5



#8

2-Chlorophenol

Concen: 44.935 ng

RT: 6.675 min Scan# 779

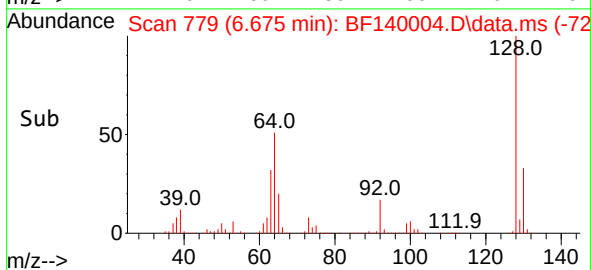
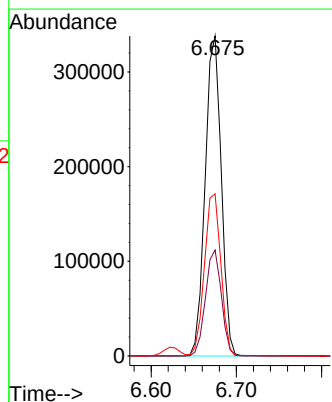
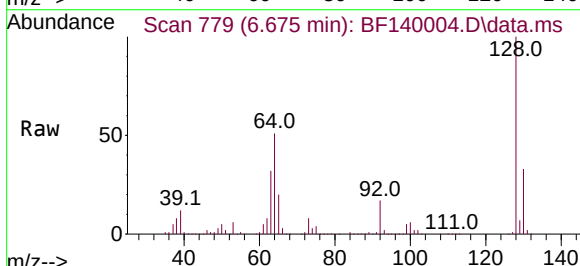
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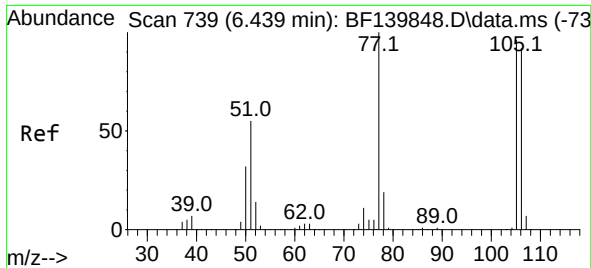
Lab File: BF140004.D

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Tgt Ion: 128 Resp: 443860

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	50.7	34.6	74.6

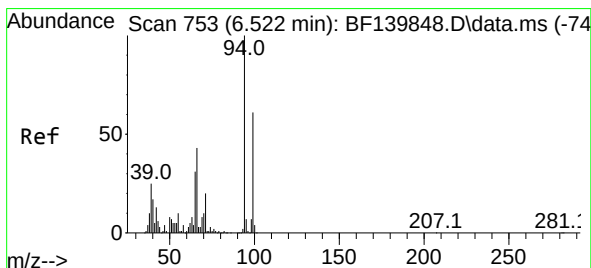
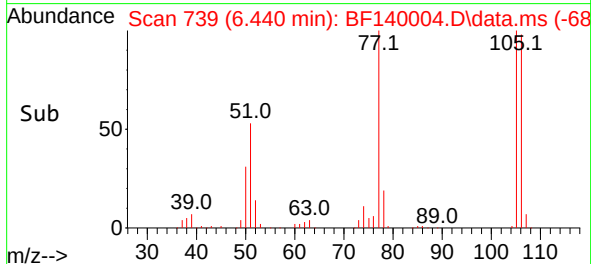
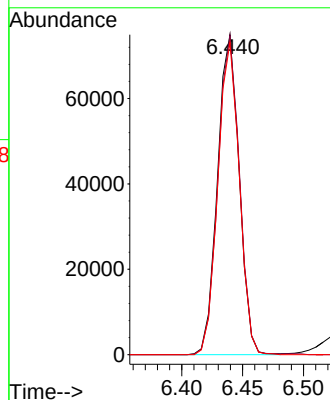
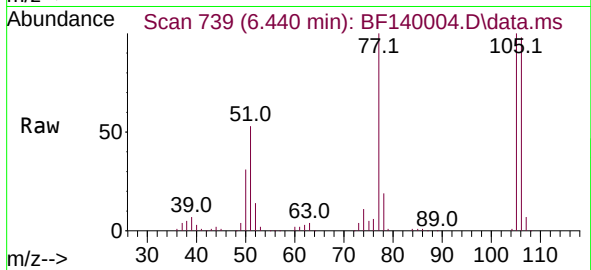




#9
Benzaldehyde
Concen: 13.175 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

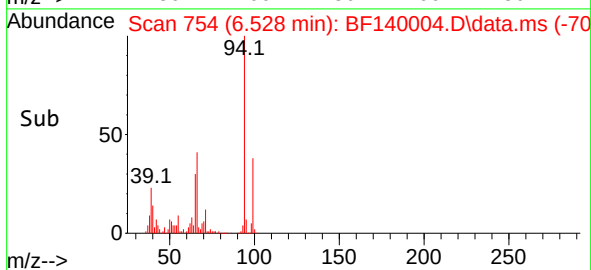
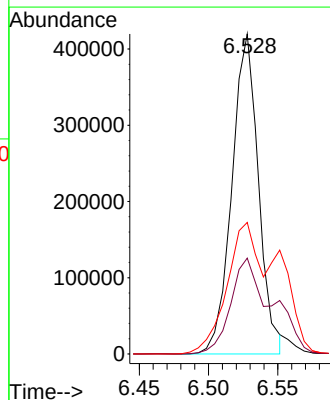
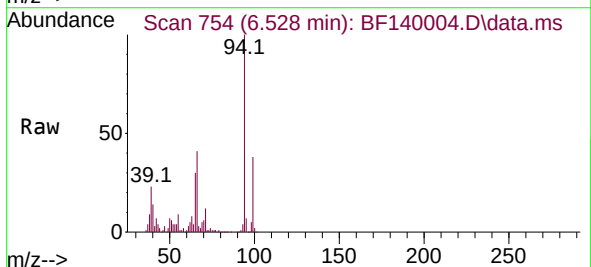
Instrument :
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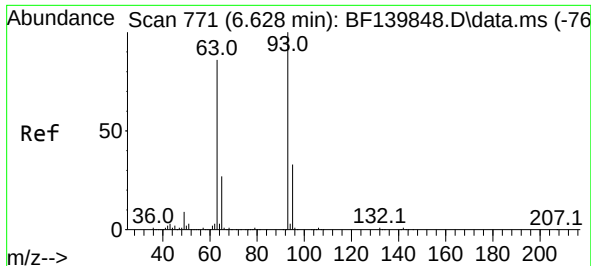
Tgt Ion: 77 Resp: 92752
Ion Ratio Lower Upper
77 100
105 99.7 75.5 115.5
106 97.5 71.7 111.7



#10
Phenol
Concen: 43.539 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 94 Resp: 561724
Ion Ratio Lower Upper
94 100
65 30.0 11.1 51.1
66 41.1 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 43.175 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

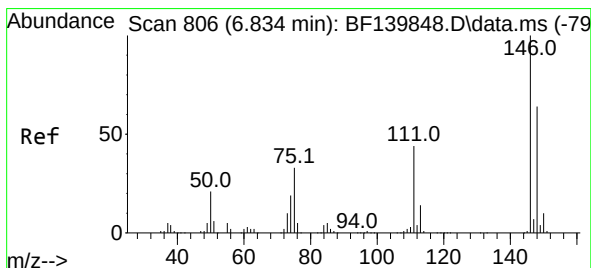
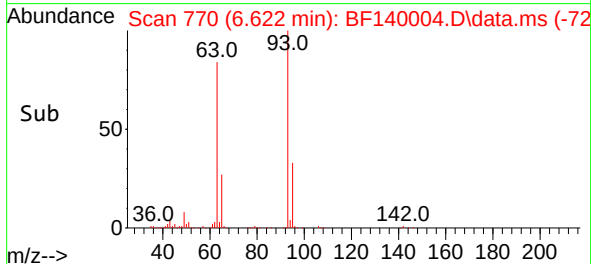
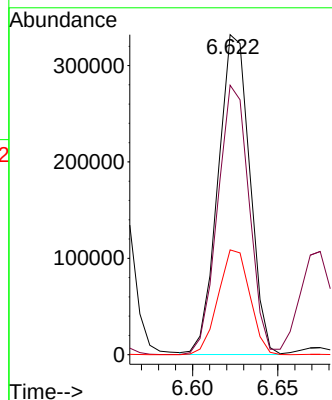
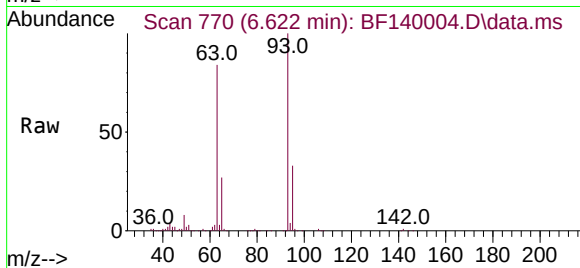
Tgt Ion: 93 Resp: 430545

Ion Ratio Lower Upper

93 100

63 84.2 65.0 105.0

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.090 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

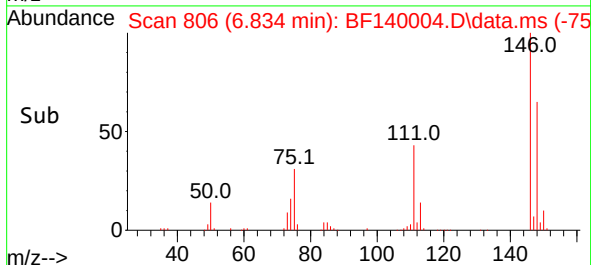
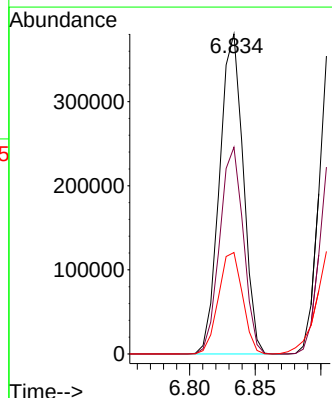
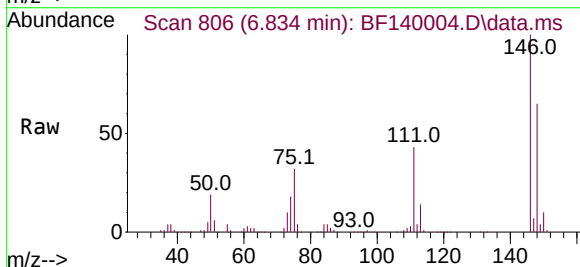
Tgt Ion:146 Resp: 477261

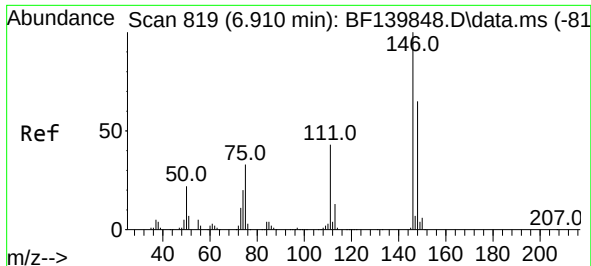
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 31.7 26.4 39.6

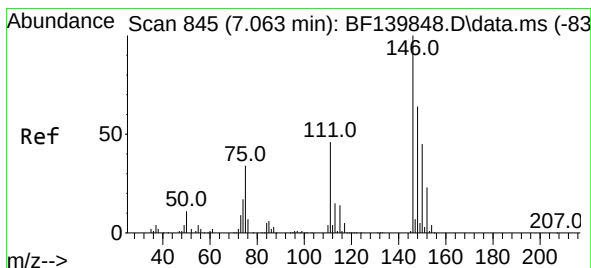
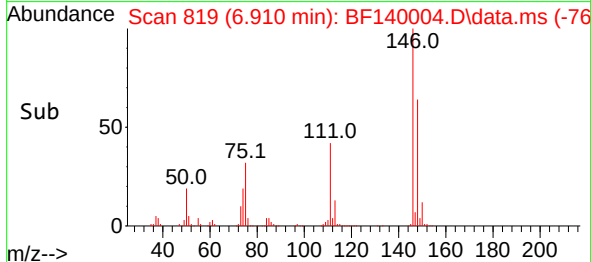
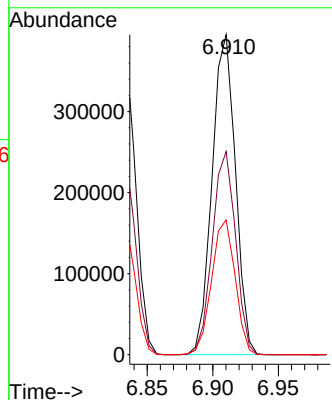
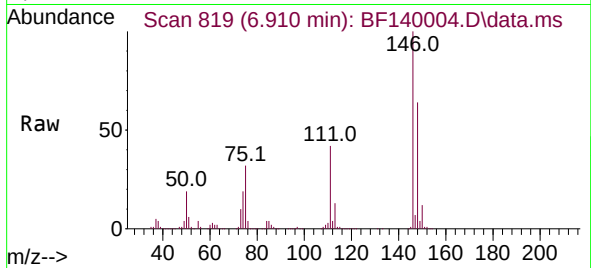




#13
1,4-Dichlorobenzene
Concen: 43.199 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

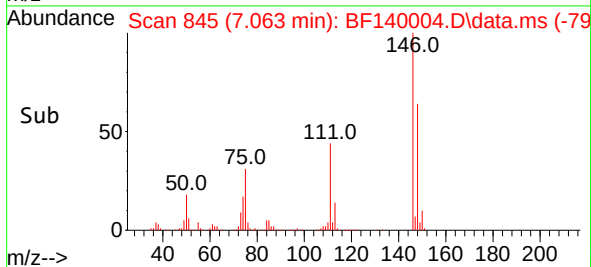
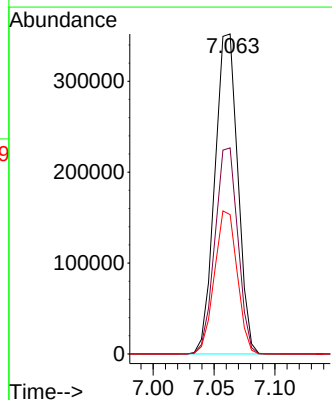
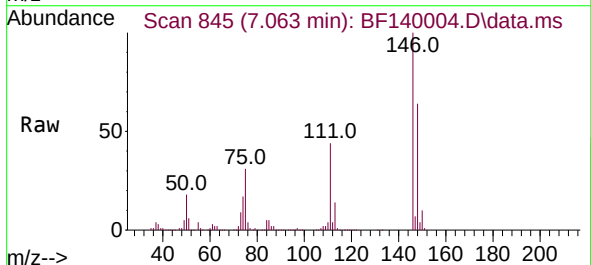
Instrument :
BNA_F
ClientSampleId :
TP-1MS

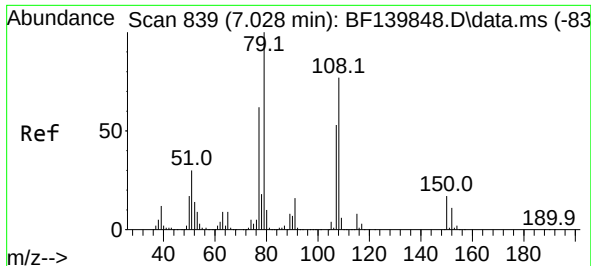
Tgt Ion:146 Resp: 489383
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 42.1 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 43.738 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:146 Resp: 462436
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 43.6 36.7 55.1

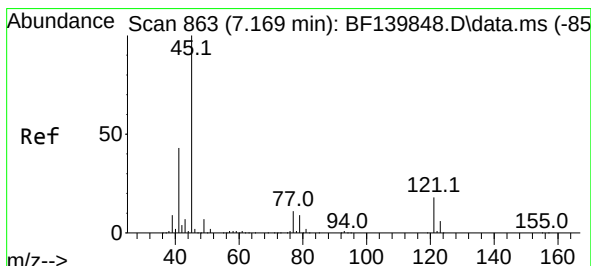
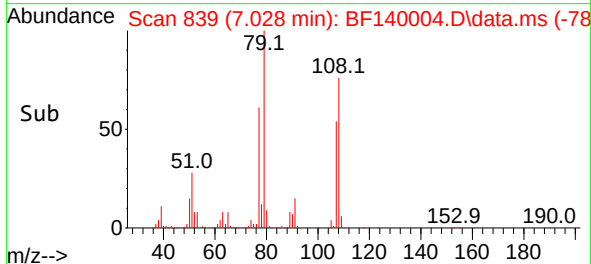
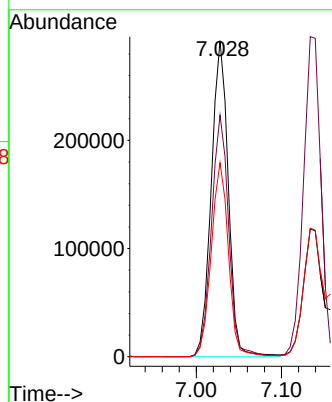
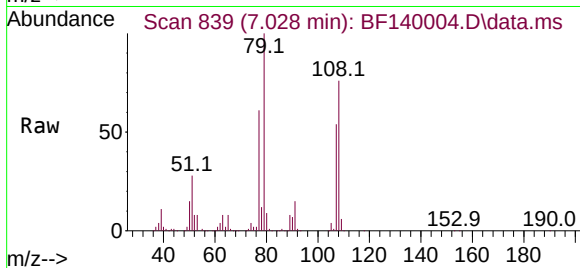




#15
Benzyl Alcohol
Concen: 44.155 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

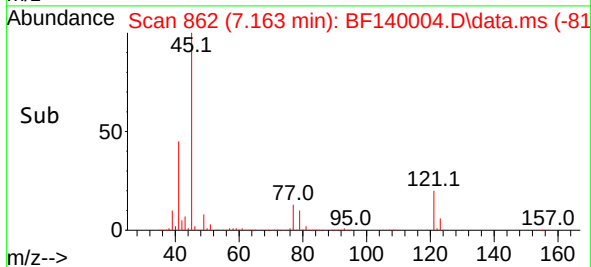
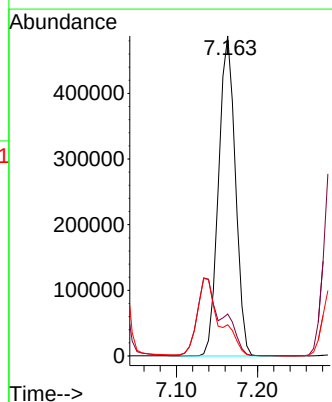
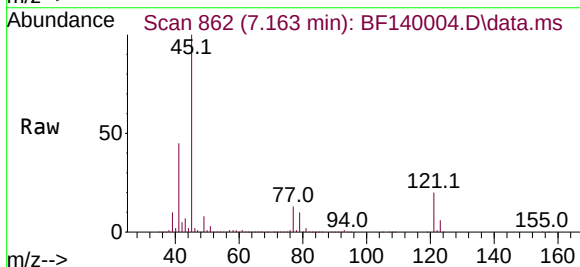
Instrument :
BNA_F
ClientSampleId :
TP-1MS

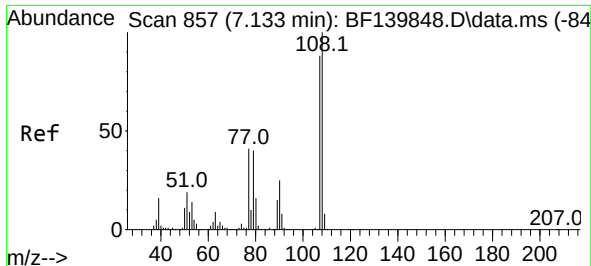
Tgt Ion: 79 Resp: 405333
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 61.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.269 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 45 Resp: 701721
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.7 0.0 29.1





#17

2-Methylphenol

Concen: 43.350 ng

RT: 7.134 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 365135

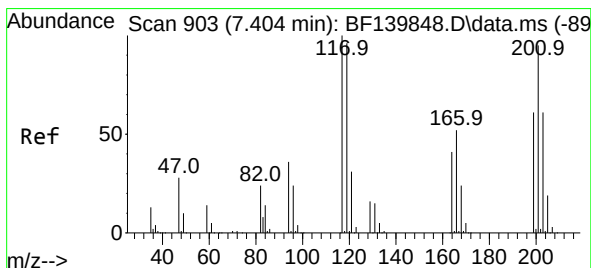
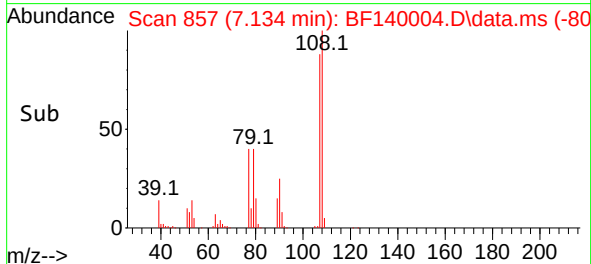
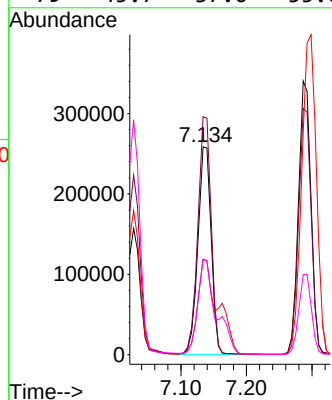
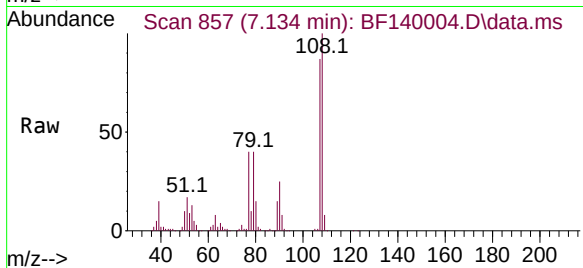
Ion Ratio Lower Upper

107 100

108 114.5 91.3 136.9

77 46.0 37.1 55.7

79 45.7 37.0 55.6



#18

Hexachloroethane

Concen: 42.852 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

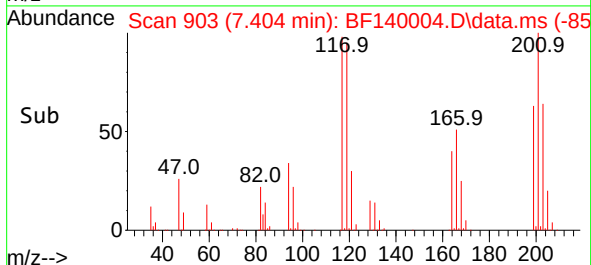
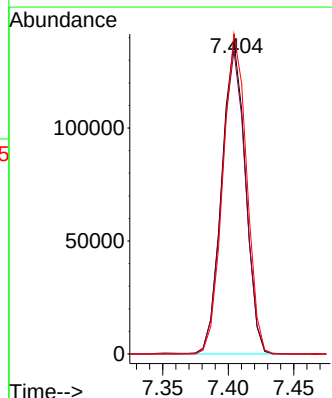
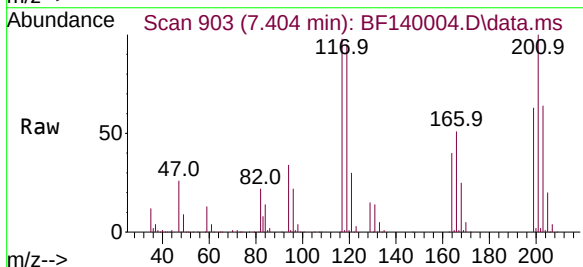
Tgt Ion:117 Resp: 173112

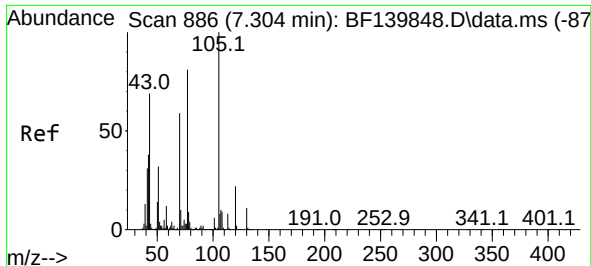
Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.4

201 102.4 76.2 114.4



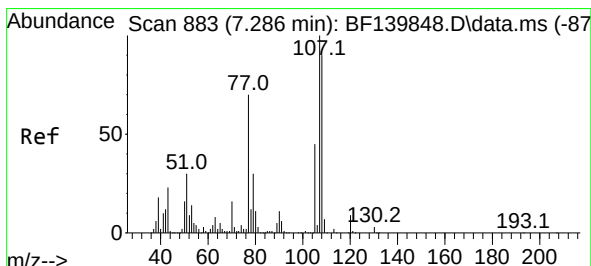
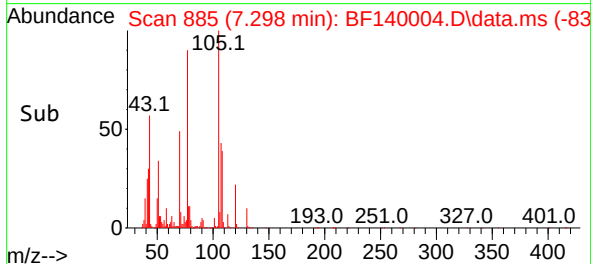
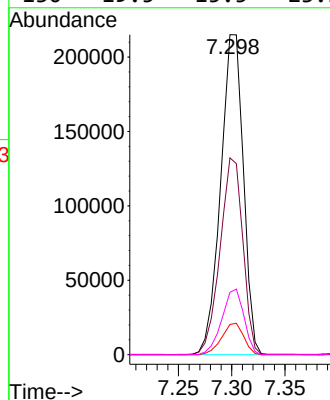
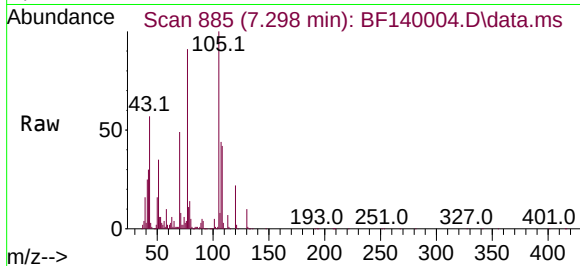


#19
n-Nitroso-di-n-propylamine
Concen: 42.061 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 70 Resp: 319244

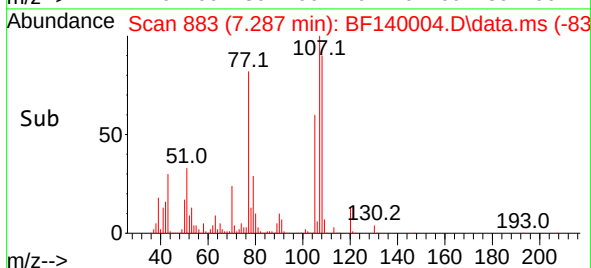
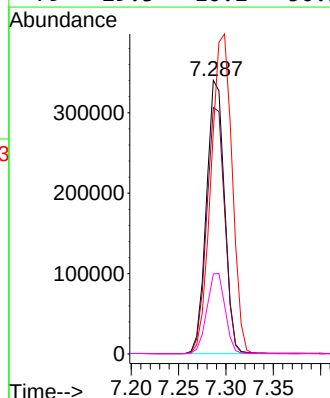
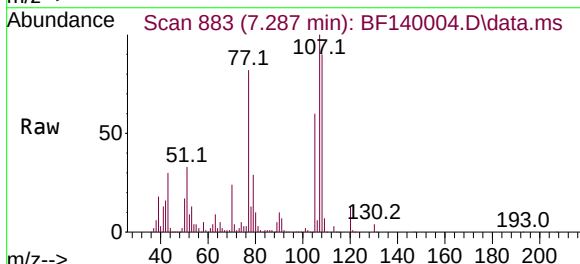
Ion	Ratio	Lower	Upper
70	100		
42	61.5	51.5	77.3
101	9.5	7.5	11.3
130	19.5	15.5	23.3

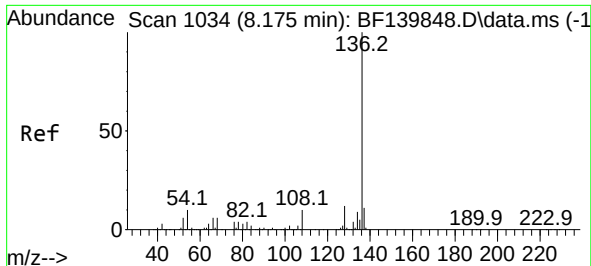


#20
3+4-Methylphenols
Concen: 41.841 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 107 Resp: 450776

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.8	109.8
77	81.5	50.5	90.5
79	29.3	10.2	50.2



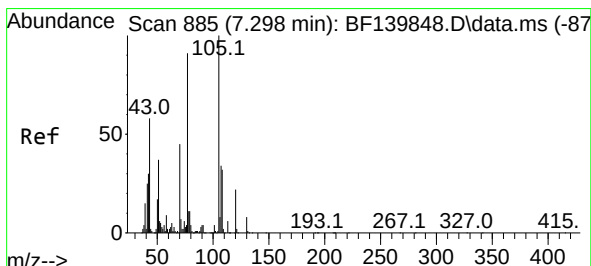
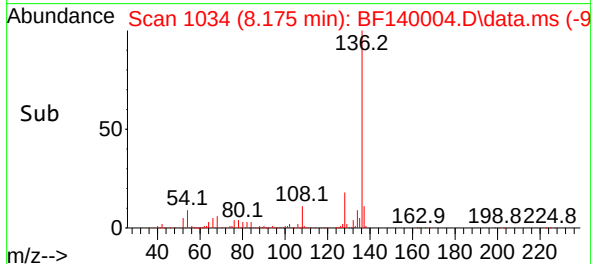
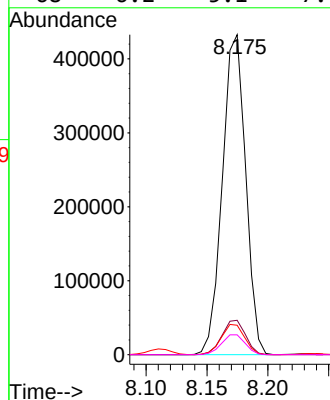
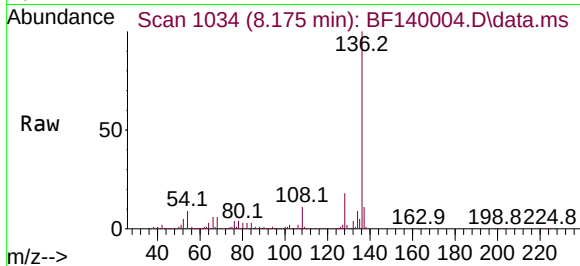


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:136 Resp: 576250

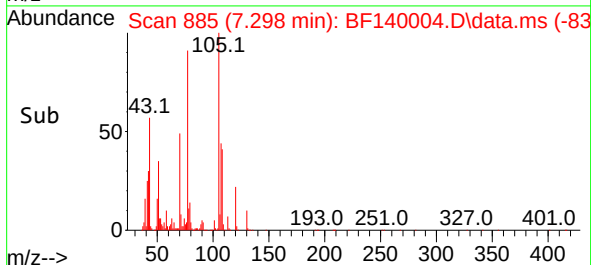
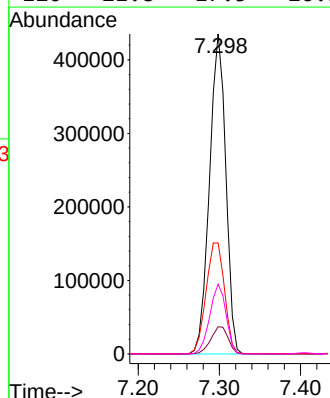
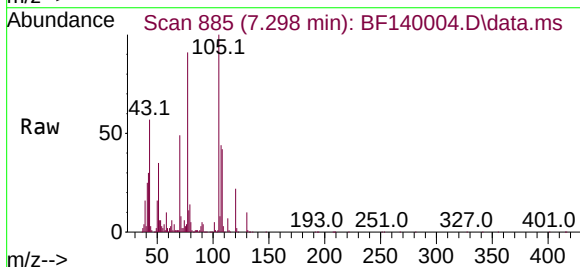
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.2	8.4	12.6
68	6.2	5.1	7.7

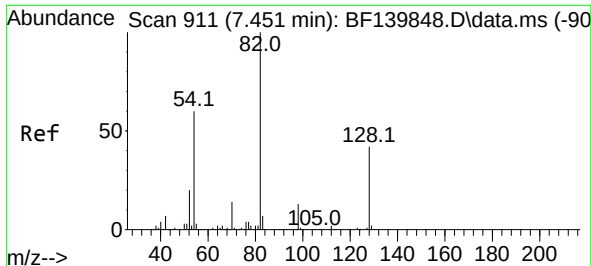


#22
Acetophenone
Concen: 42.909 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:105 Resp: 605629

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.9	8.9
51	34.7	29.4	44.2
120	21.8	17.5	26.3





#23

Nitrobenzene-d5

Concen: 61.824 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

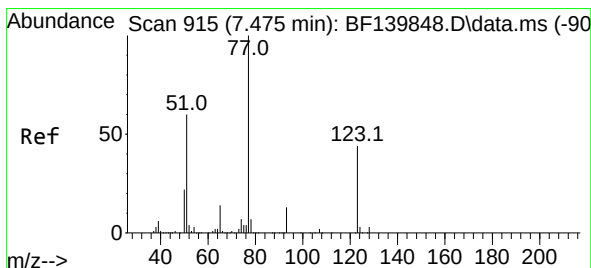
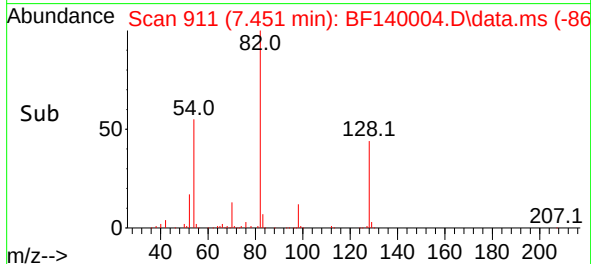
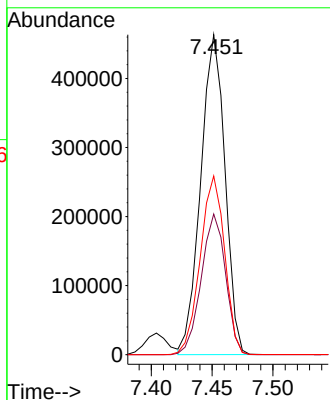
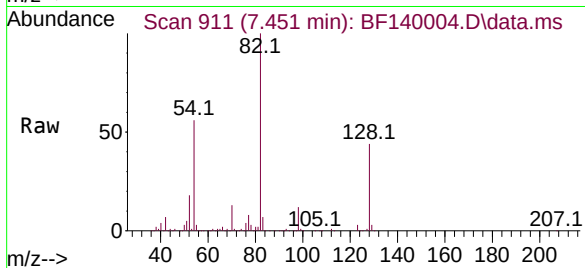
Tgt Ion: 82 Resp: 642796

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.0

54 55.8 47.8 71.8



#24

Nitrobenzene

Concen: 42.254 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

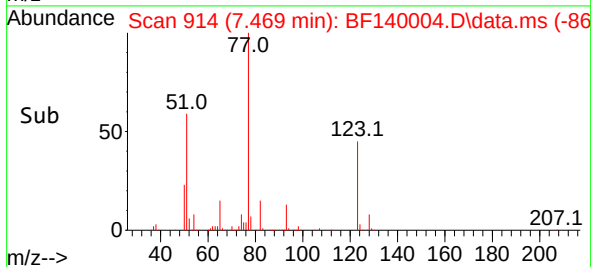
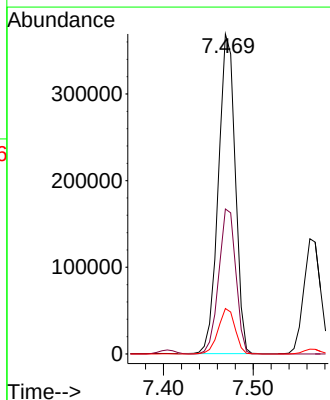
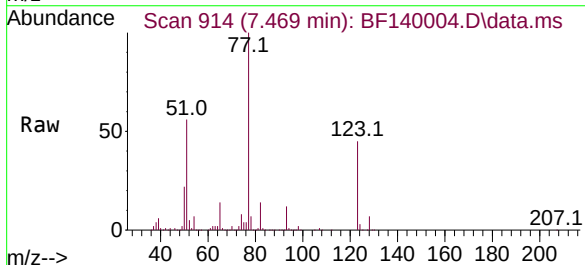
Tgt Ion: 77 Resp: 481672

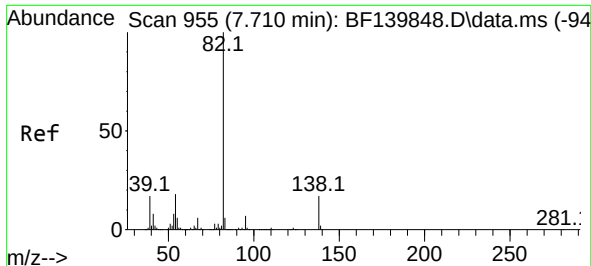
Ion Ratio Lower Upper

77 100

123 45.3 35.7 53.5

65 14.2 11.5 17.3

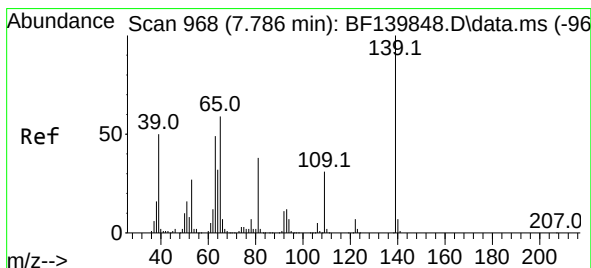
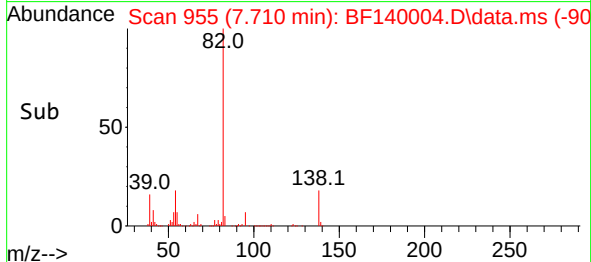
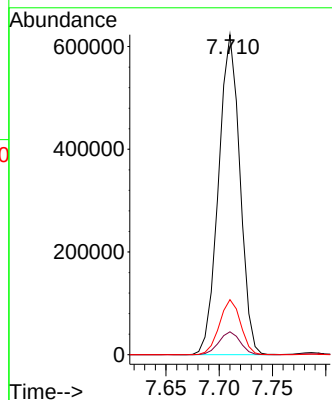
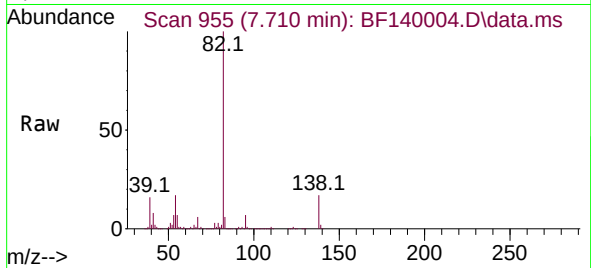




#25
Isophorone
Concen: 43.969 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

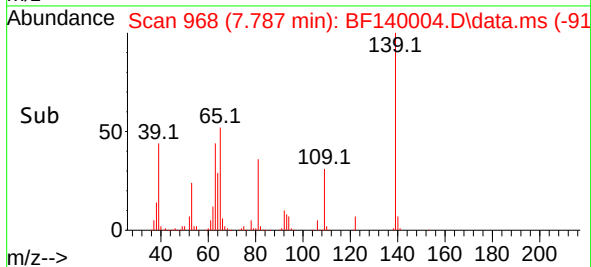
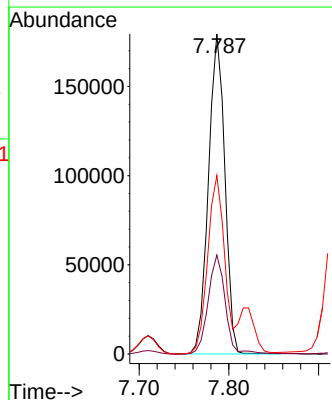
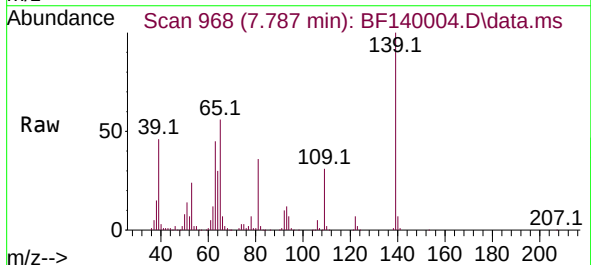
Instrument :
BNA_F
ClientSampleId :
TP-1MS

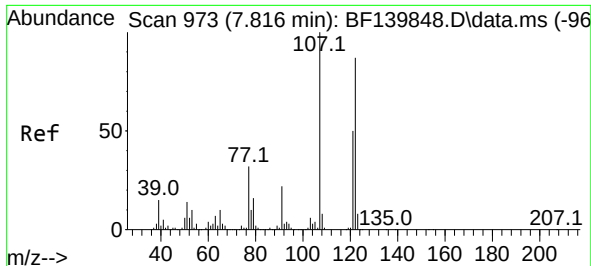
Tgt Ion: 82 Resp: 867683
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.2 13.2 19.8



#26
2-Nitrophenol
Concen: 52.943 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:139 Resp: 227680
Ion Ratio Lower Upper
139 100
109 30.9 25.1 37.7
65 55.7 47.5 71.3

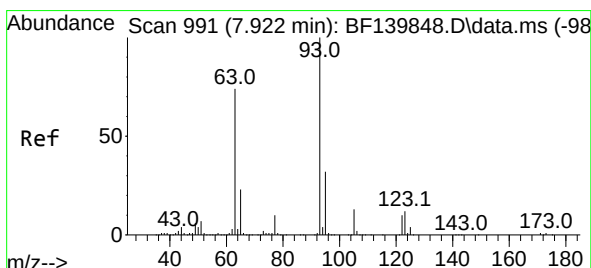
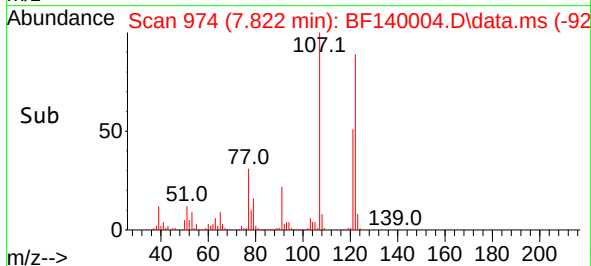
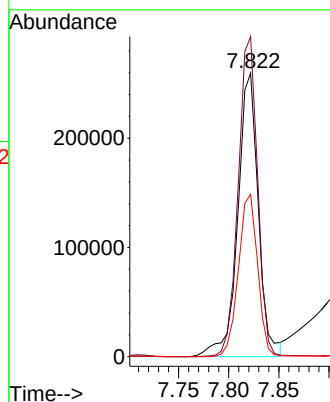
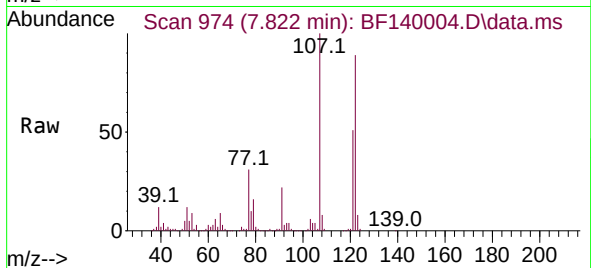




#27
2,4-Dimethylphenol
Concen: 51.788 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

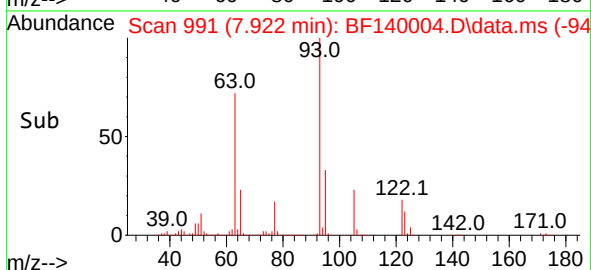
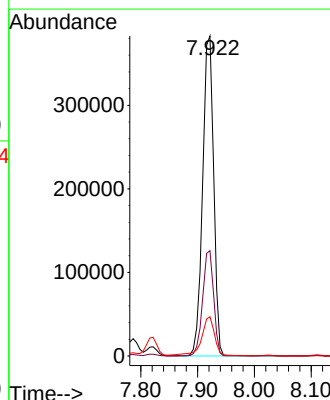
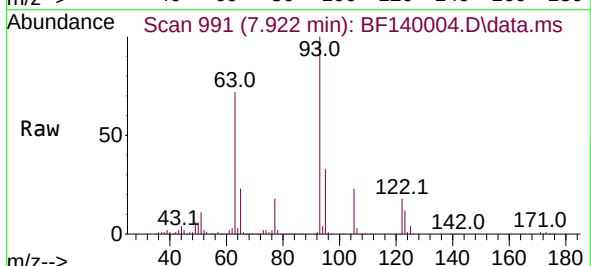
Instrument :
BNA_F
ClientSampleId :
TP-1MS

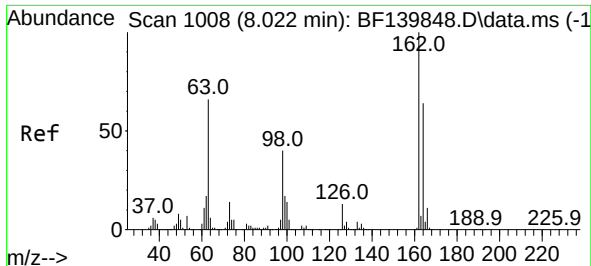
Tgt Ion:122 Resp: 371367
Ion Ratio Lower Upper
122 100
107 112.9 91.9 137.9
121 57.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.306 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 93 Resp: 517766
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.279 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

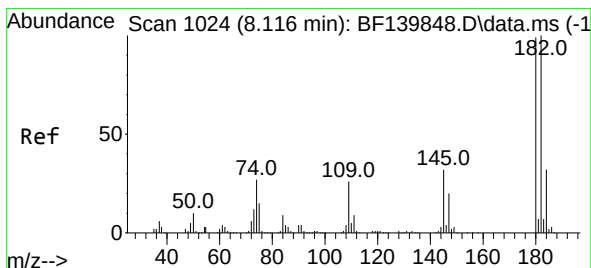
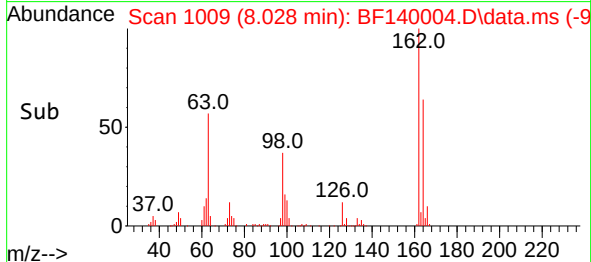
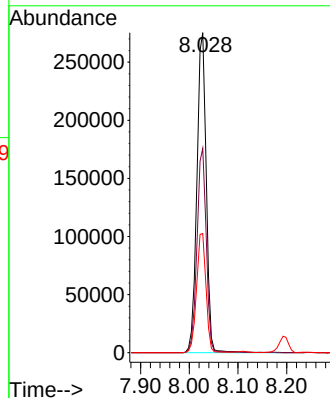
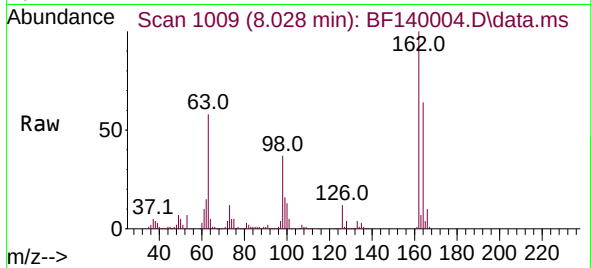
Tgt Ion:162 Resp: 369829

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 37.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 42.340 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

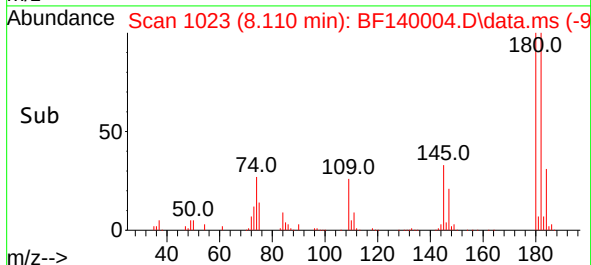
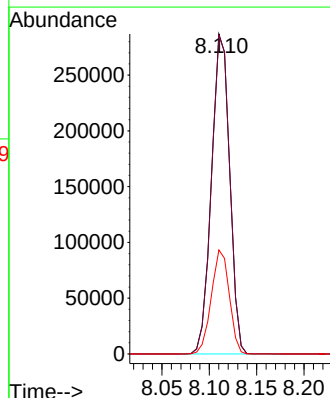
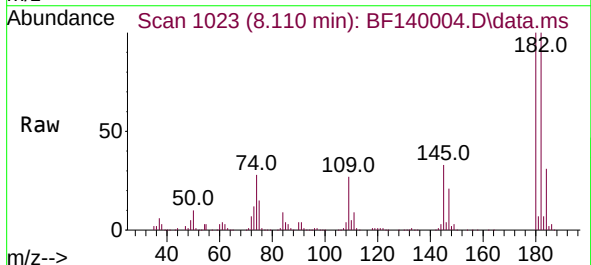
Tgt Ion:180 Resp: 382660

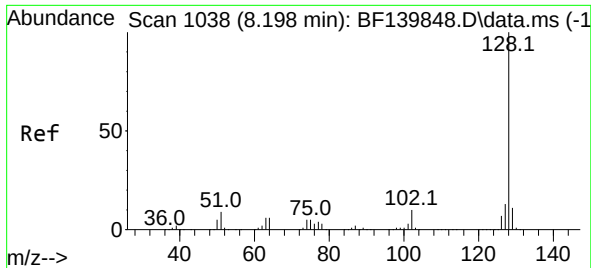
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

145 32.5 25.4 38.0

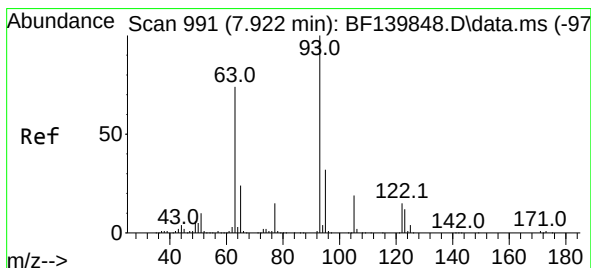
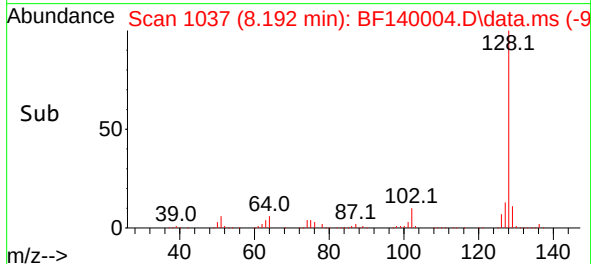
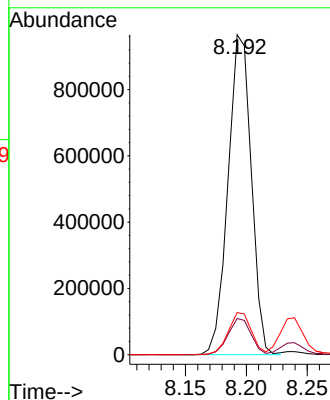
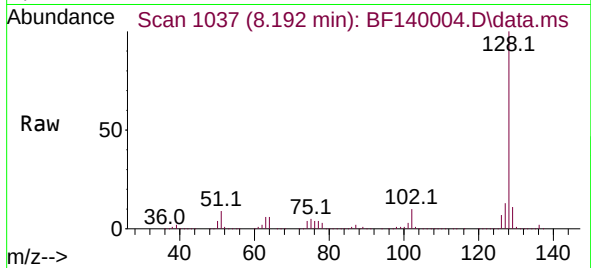




#31
Naphthalene
Concen: 43.206 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

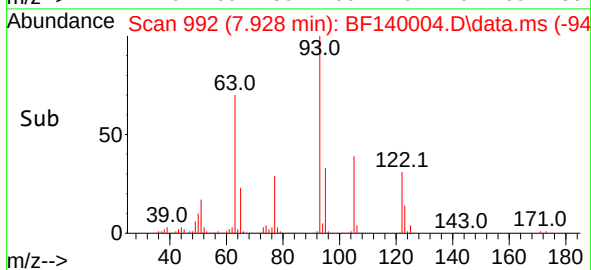
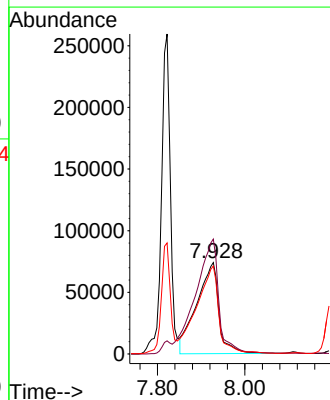
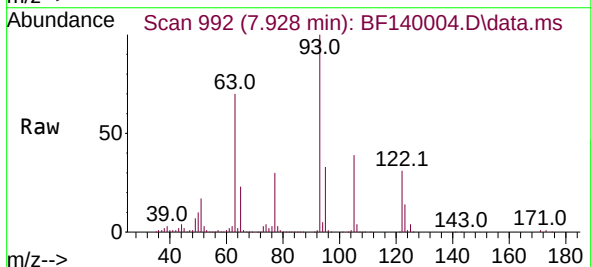
Instrument :
BNA_F
ClientSampleId :
TP-1MS

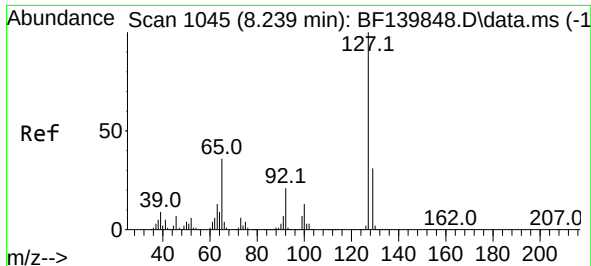
Tgt Ion:128 Resp: 1284074
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.824 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:122 Resp: 261579
Ion Ratio Lower Upper
122 100
105 125.9 107.6 147.6
77 96.4 80.2 120.2

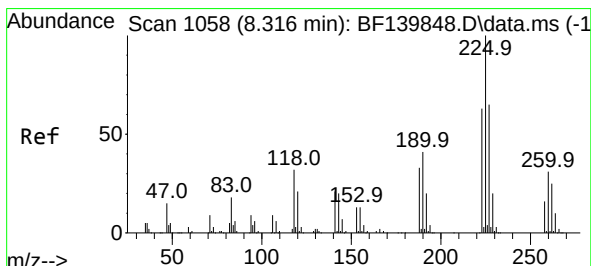
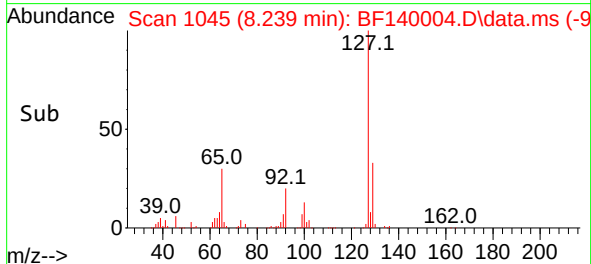
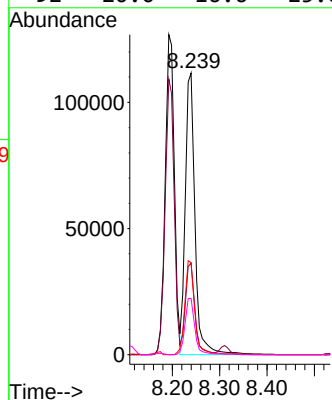
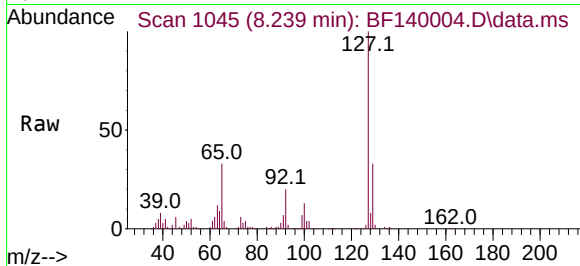




#33
4-Chloroaniline
Concen: 15.795 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

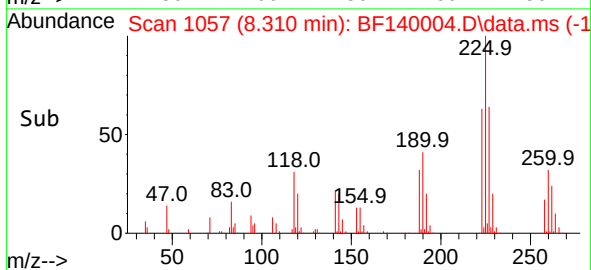
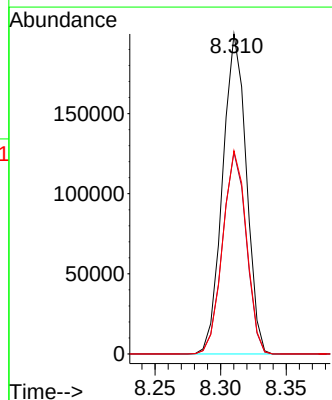
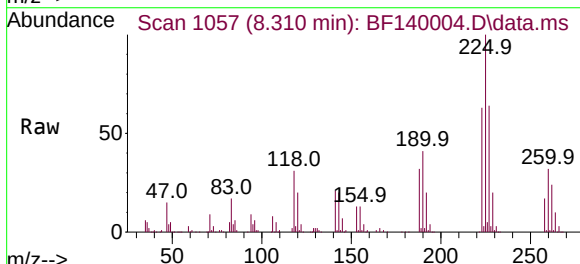
Instrument :
BNA_F
ClientSampleId :
TP-1MS

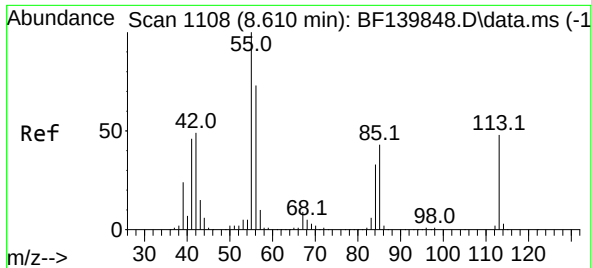
Tgt Ion:	127	Resp:	160062
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.4	38.2
65	32.7	28.4	42.6
92	20.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.130 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:	225	Resp:	250591
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	76.0
227	63.5	51.8	77.8

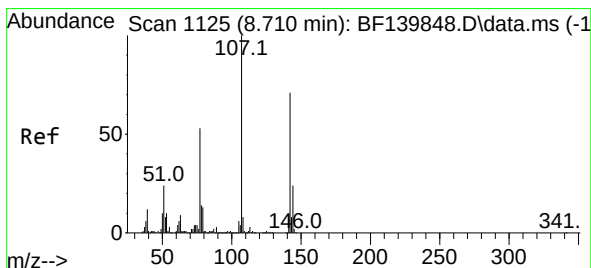
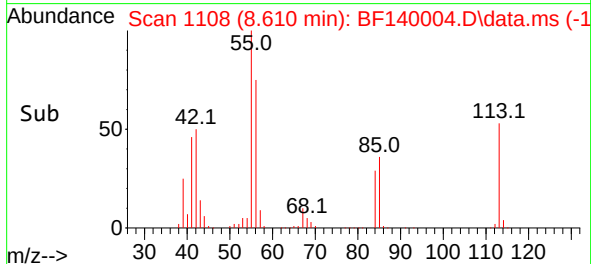
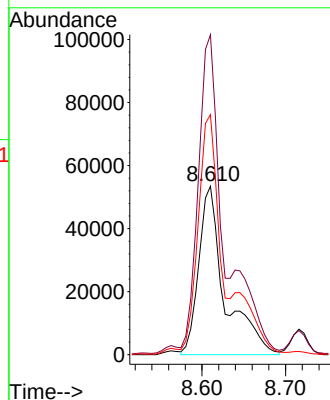
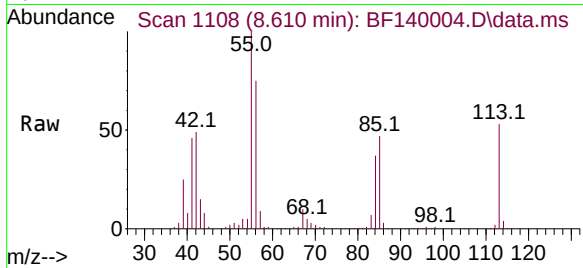




#35
 Caprolactam
 Concen: 44.727 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140004.D
 Acq: 24 Oct 2024 16:48

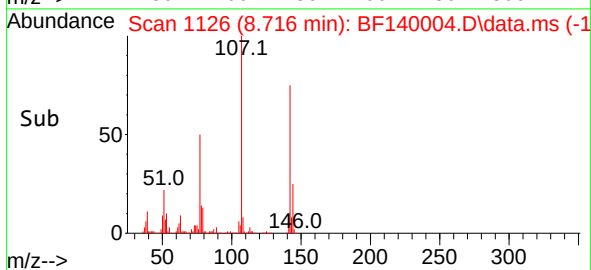
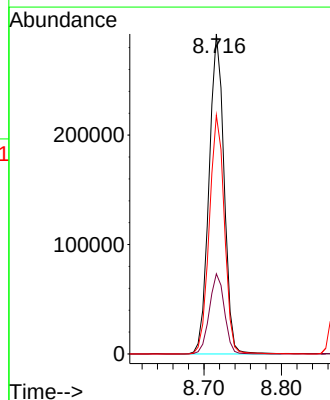
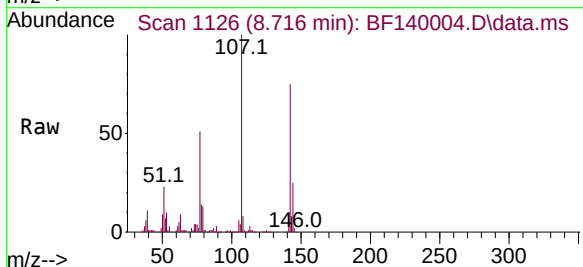
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

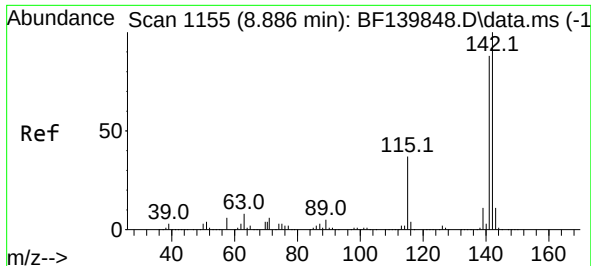
Tgt Ion:113 Resp: 116159
 Ion Ratio Lower Upper
 113 100
 55 190.0 189.2 229.2
 56 142.5 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.569 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140004.D
 Acq: 24 Oct 2024 16:48

Tgt Ion:107 Resp: 394038
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.1 28.7
 142 74.6 57.2 85.8





#37

2-Methylnaphthalene

Concen: 44.103 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

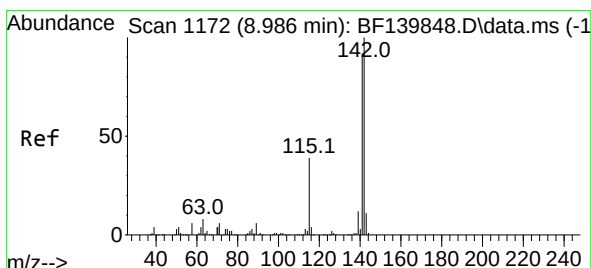
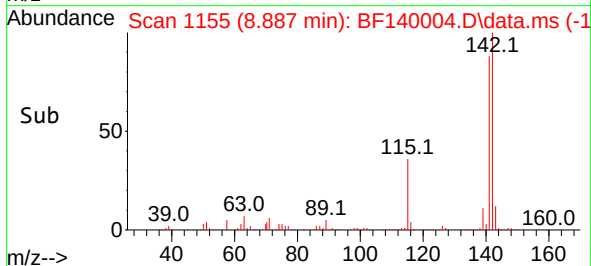
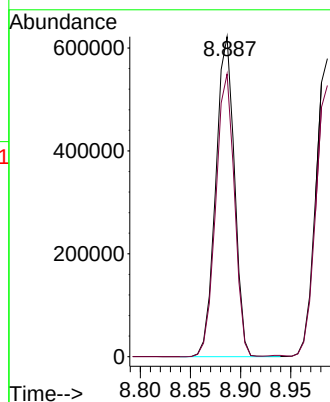
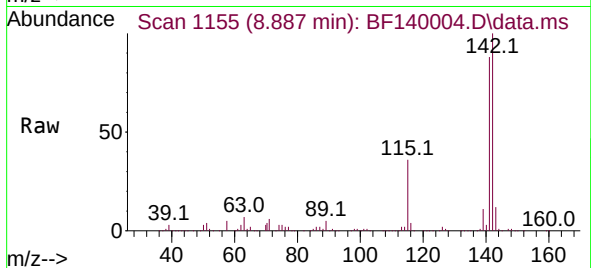
TP-IMS

Tgt Ion:142 Resp: 802736

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.130 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140004.D

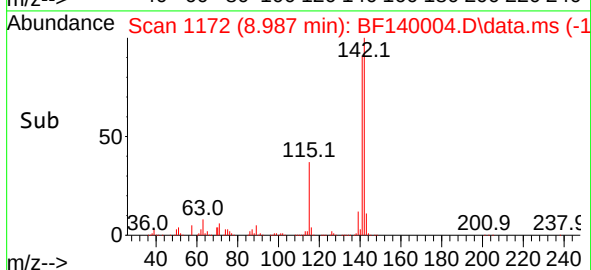
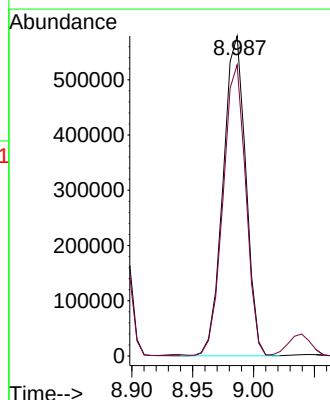
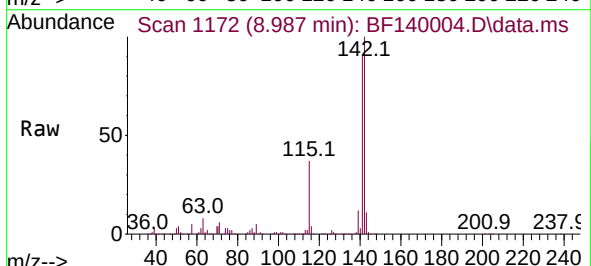
Acq: 24 Oct 2024 16:48

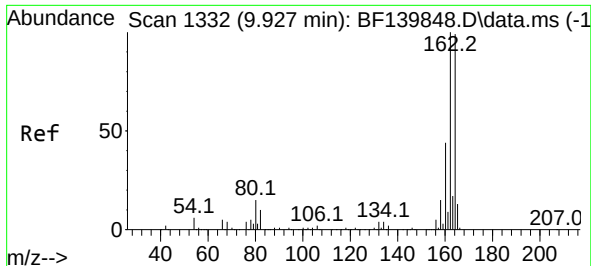
Tgt Ion:142 Resp: 752339

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3

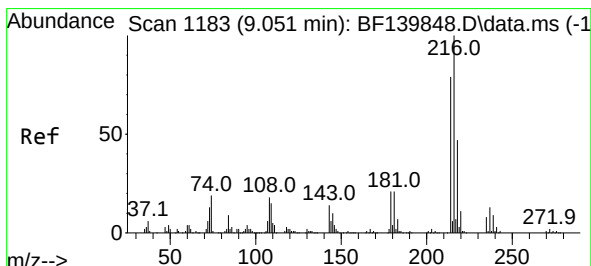
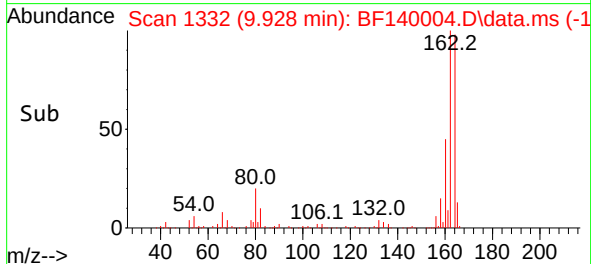
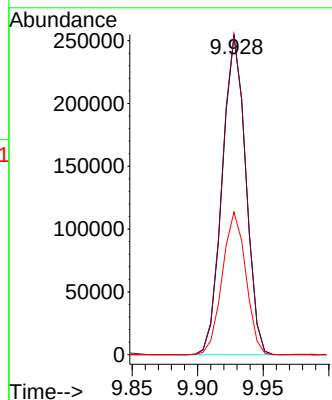
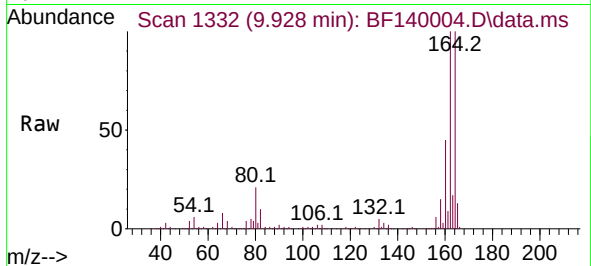




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

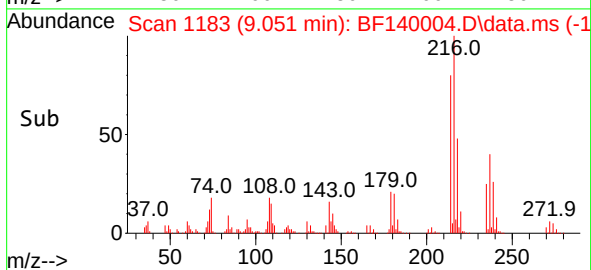
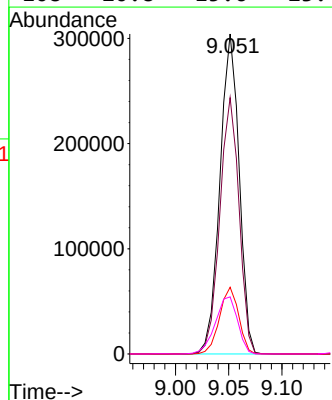
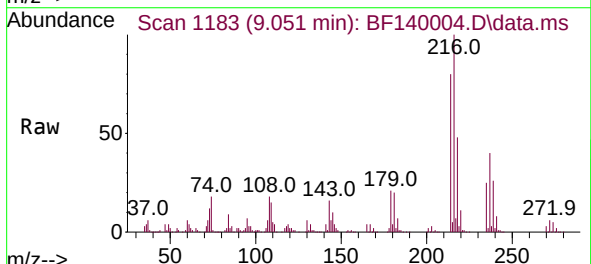
Instrument :
BNA_F
ClientSampleId :
TP-1MS

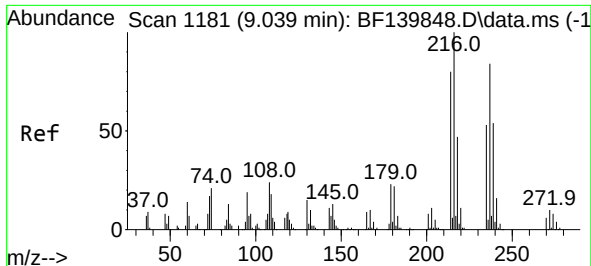
Tgt Ion:164 Resp: 315137
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.778 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:216 Resp: 380696
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 20.8 17.2 25.8
108 20.8 15.6 23.4

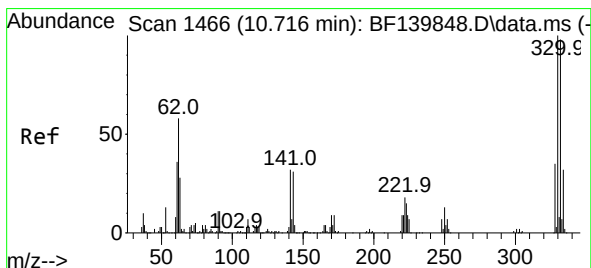
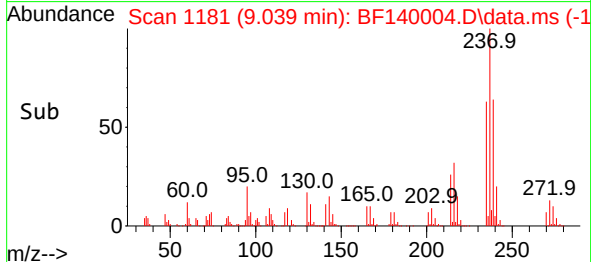
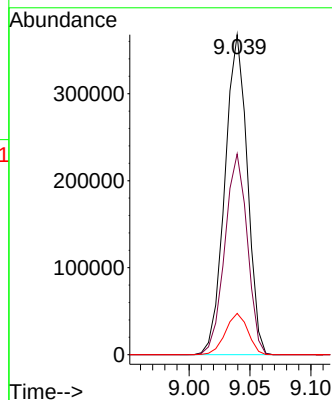
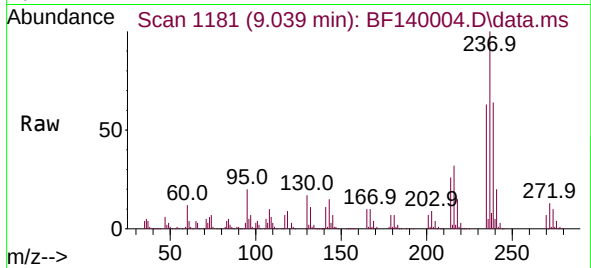




#41
Hexachlorocyclopentadiene
Concen: 159.336 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

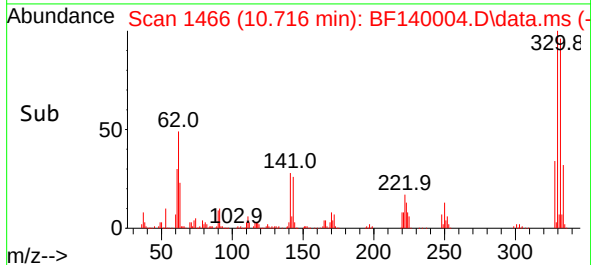
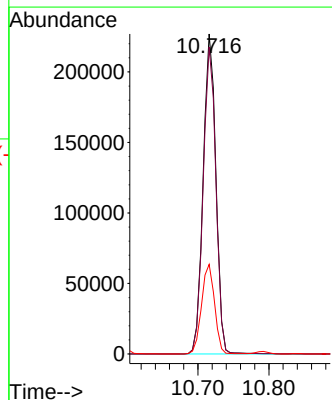
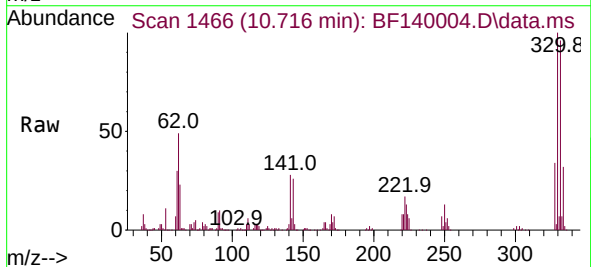
Instrument :
BNA_F
ClientSampleId :
TP-1MS

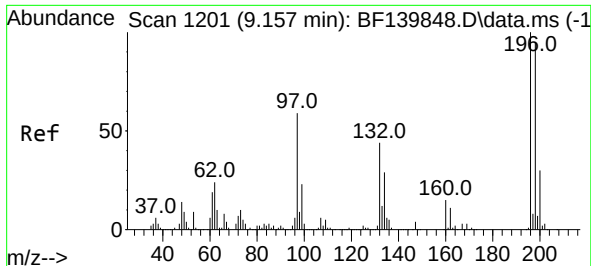
Tgt Ion:237 Resp: 471357
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 96.043 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:330 Resp: 283105
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 28.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 46.888 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

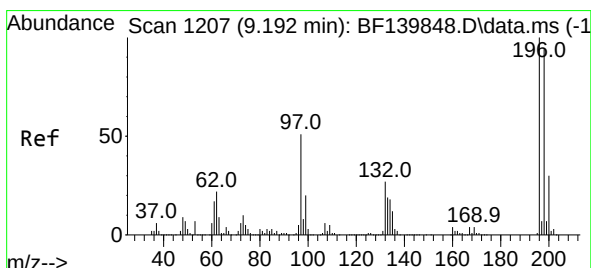
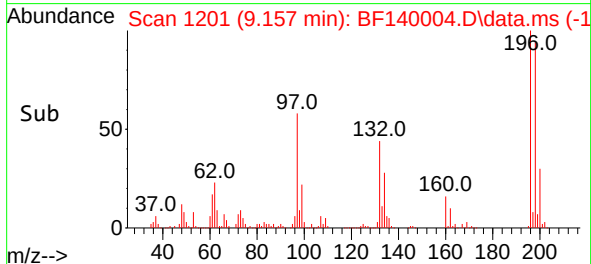
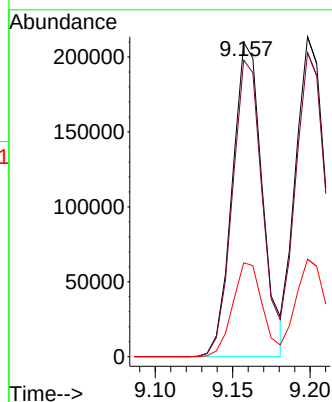
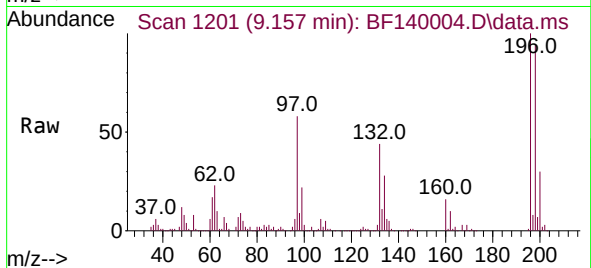
Tgt Ion:196 Resp: 282232

Ion Ratio Lower Upper

196 100

198 94.3 76.2 114.2

200 29.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 45.150 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Tgt Ion:196 Resp: 280392

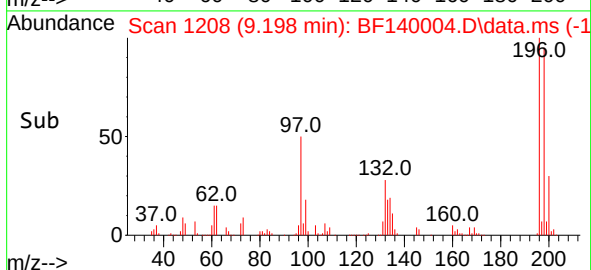
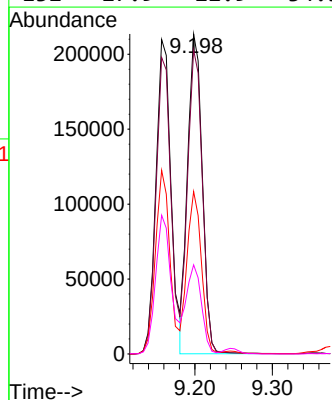
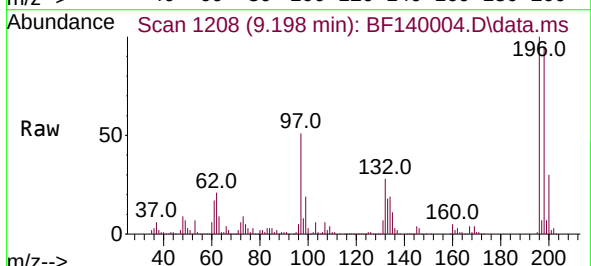
Ion Ratio Lower Upper

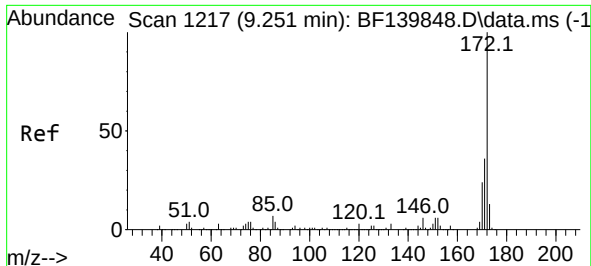
196 100

198 95.0 75.8 113.6

97 50.8 41.8 62.6

132 27.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 58.929 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

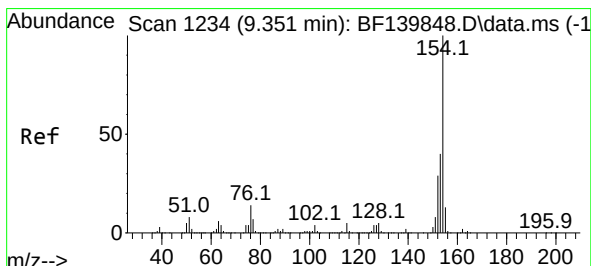
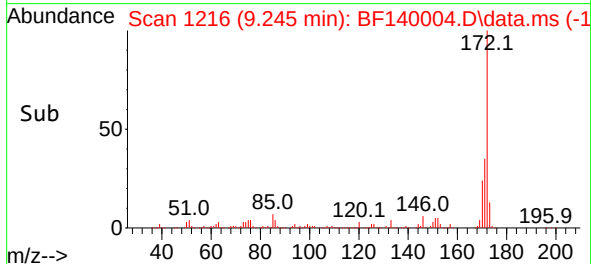
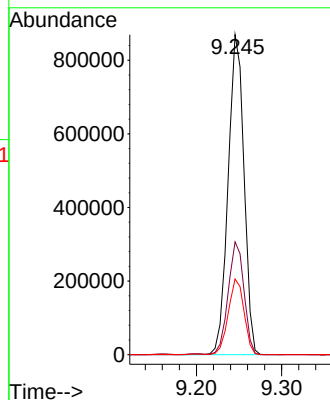
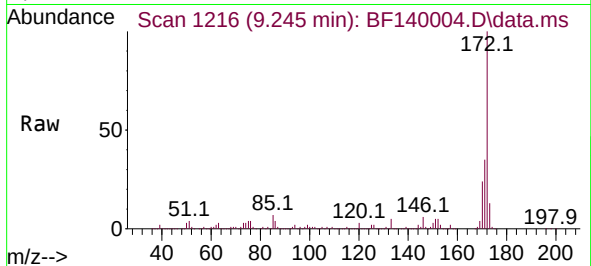
Tgt Ion:172 Resp: 1123670

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.379 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

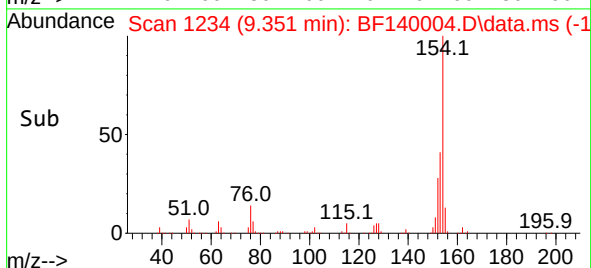
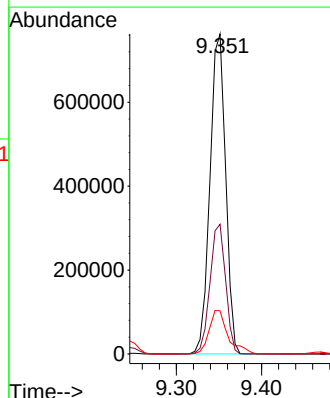
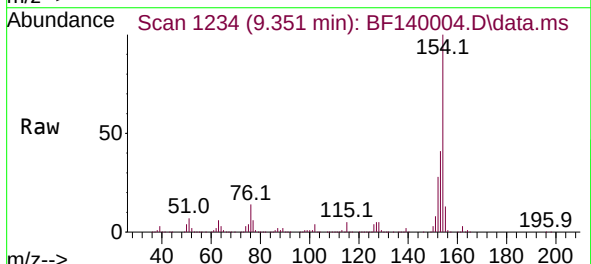
Tgt Ion:154 Resp: 973591

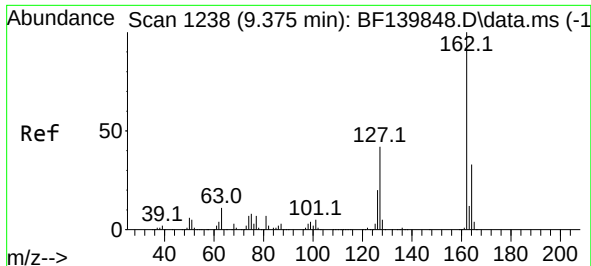
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.5 0.0 33.9

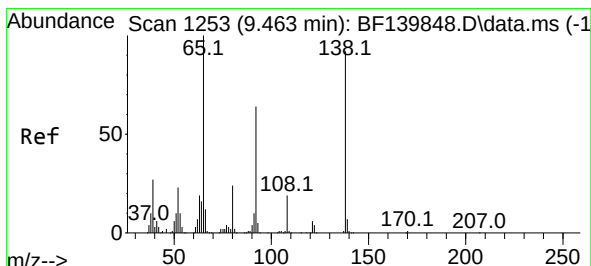
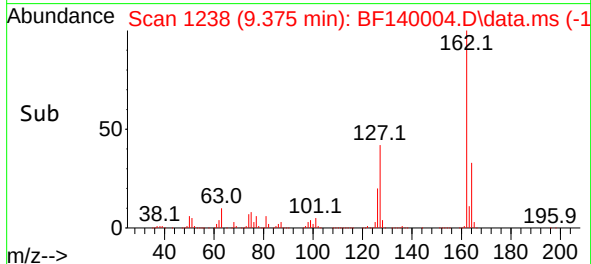
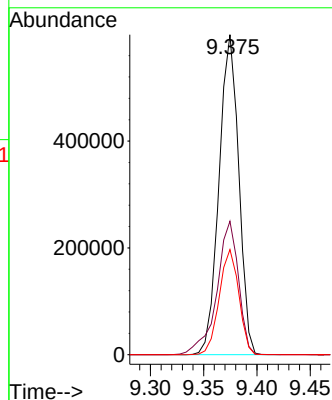
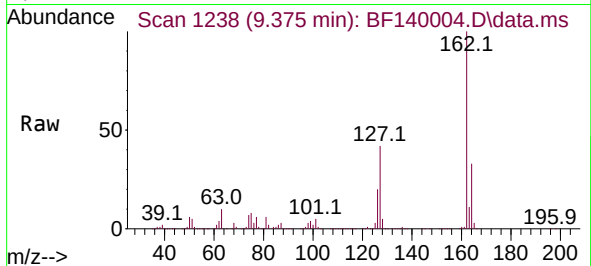




#47
2-Chloronaphthalene
Concen: 43.561 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

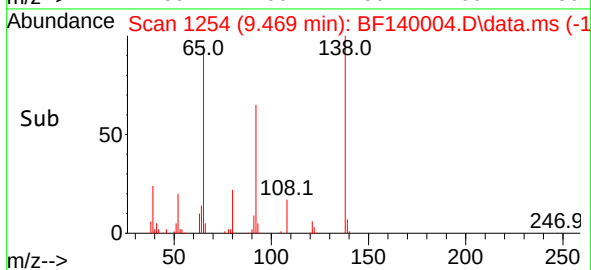
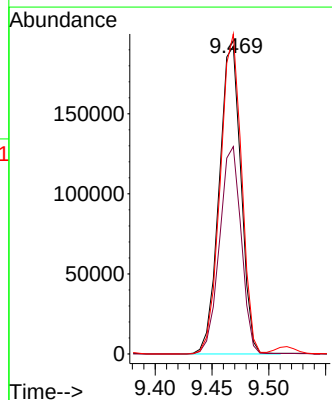
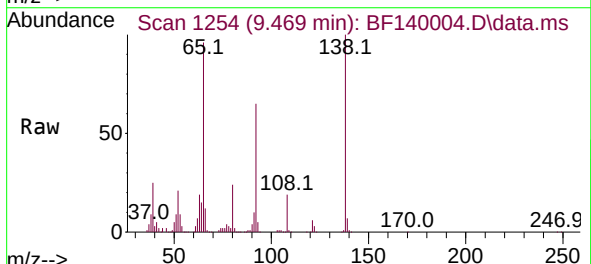
Instrument :
BNA_F
ClientSampleId :
TP-1MS

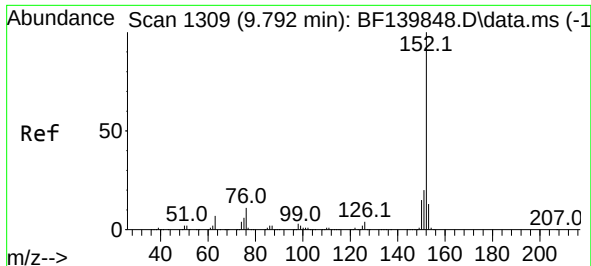
Tgt Ion:162 Resp: 769688
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 47.711 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion: 65 Resp: 257832
Ion Ratio Lower Upper
65 100
92 67.3 50.9 76.3
138 103.9 73.4 110.0





#49

Acenaphthylene

Concen: 46.575 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

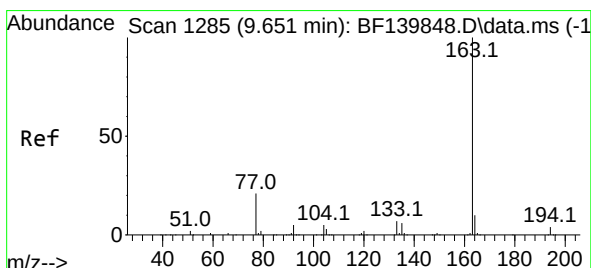
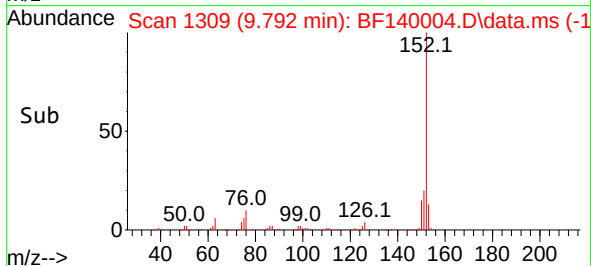
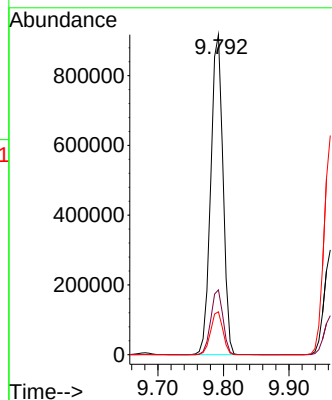
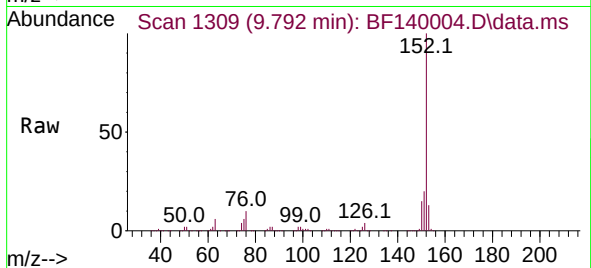
Tgt Ion:152 Resp: 1189746

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 45.730 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

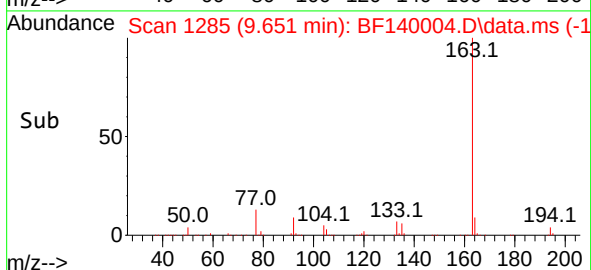
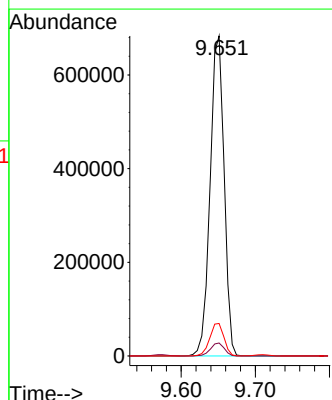
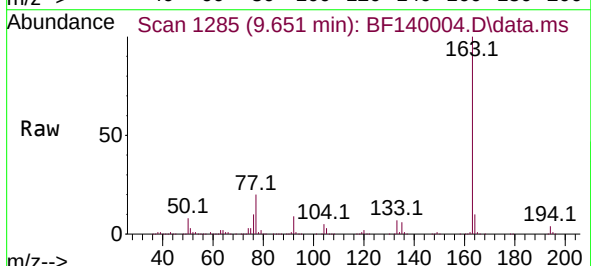
Tgt Ion:163 Resp: 897645

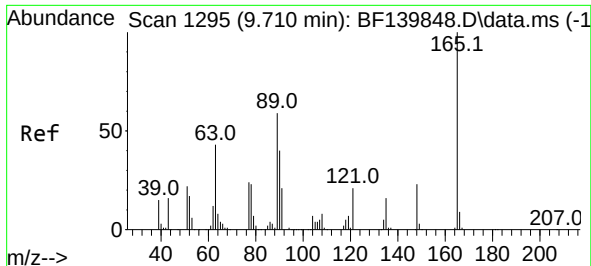
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.2 12.2

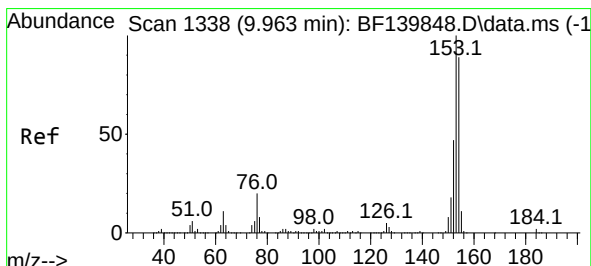
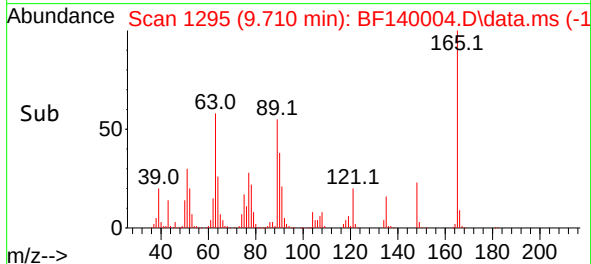
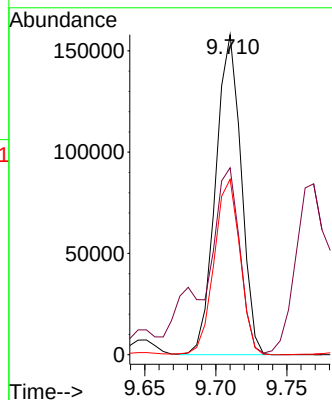
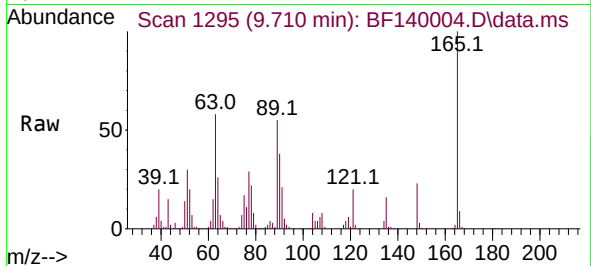




#51
2,6-Dinitrotoluene
Concen: 46.341 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

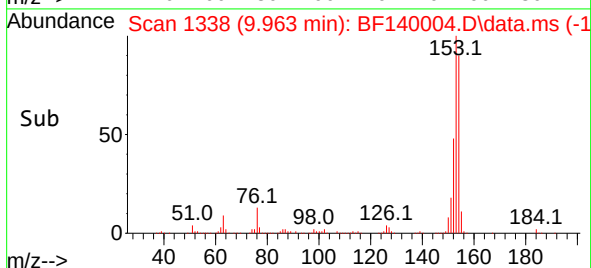
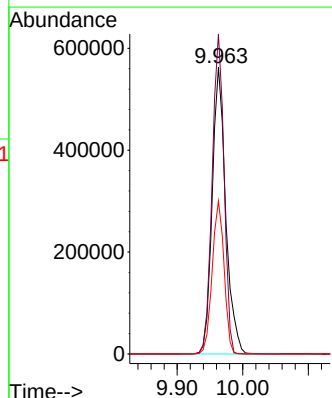
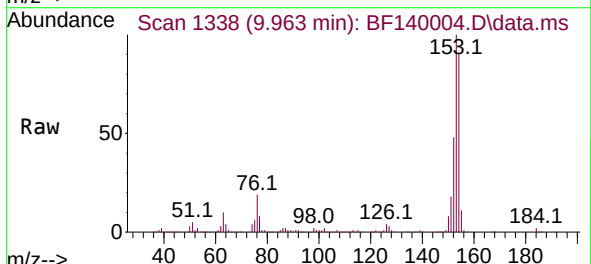
Instrument :
BNA_F
ClientSampleId :
TP-1MS

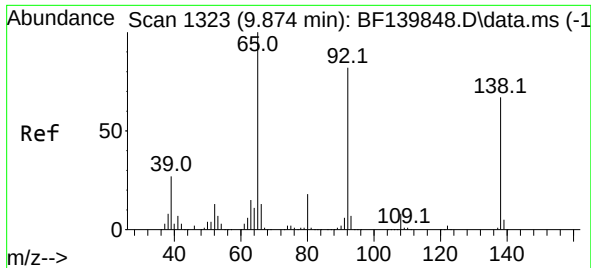
Tgt Ion:165 Resp: 196954
Ion Ratio Lower Upper
165 100
63 58.4 50.6 75.8
89 54.8 47.5 71.3



#52
Acenaphthene
Concen: 48.872 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:154 Resp: 807584
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 53.4 42.4 63.6

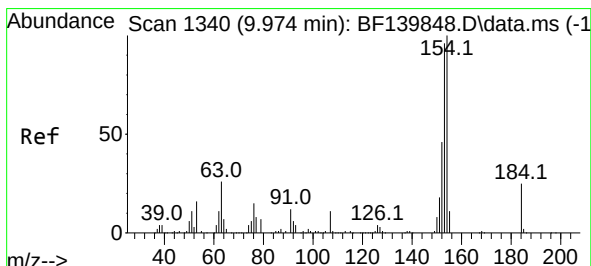
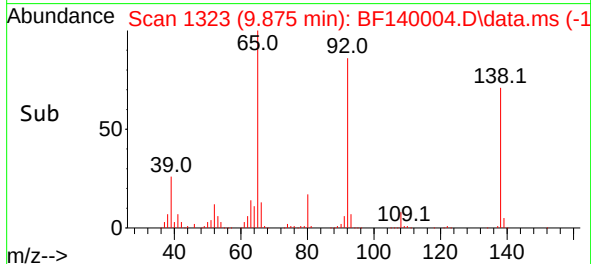
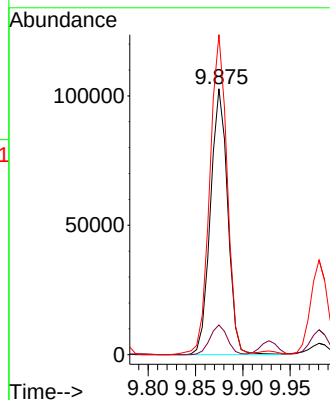
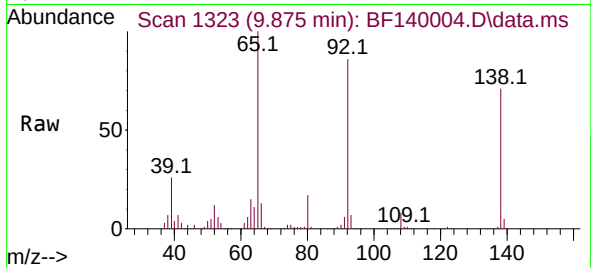




#53
3-Nitroaniline
Concen: 29.780 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

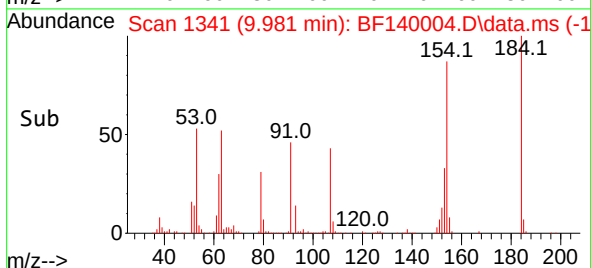
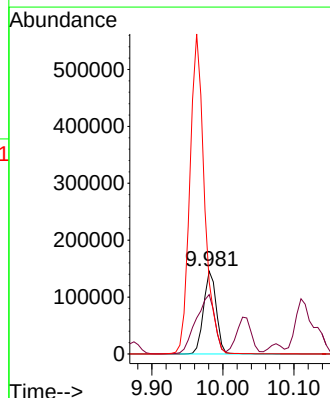
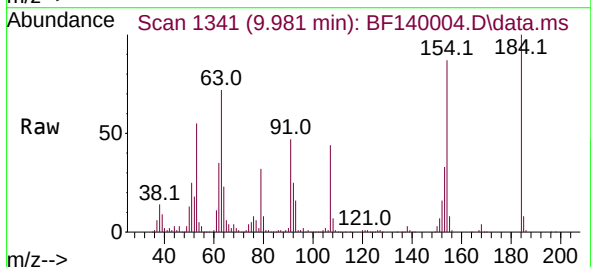
Instrument :
BNA_F
ClientSampleId :
TP-1MS

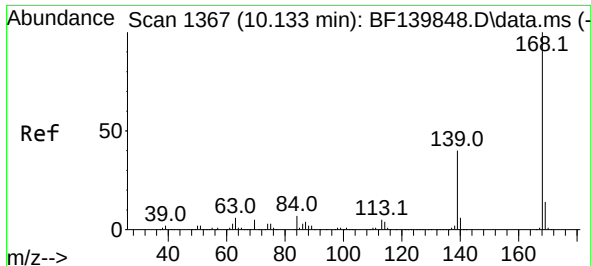
Tgt Ion:138 Resp: 130524
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 120.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 101.561 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:184 Resp: 182723
Ion Ratio Lower Upper
184 100
63 71.9 84.7 127.1#
154 87.5 338.2 507.2#

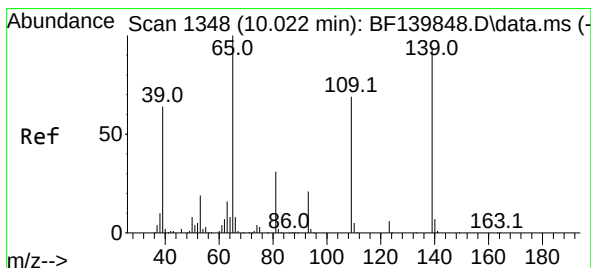
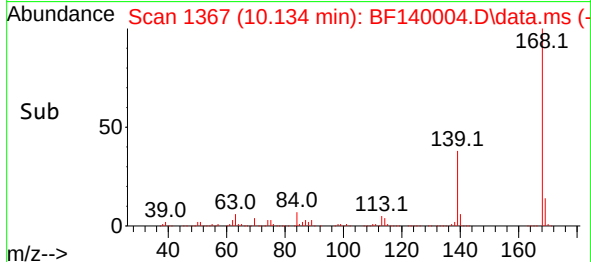
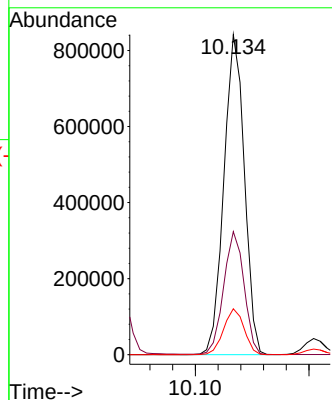
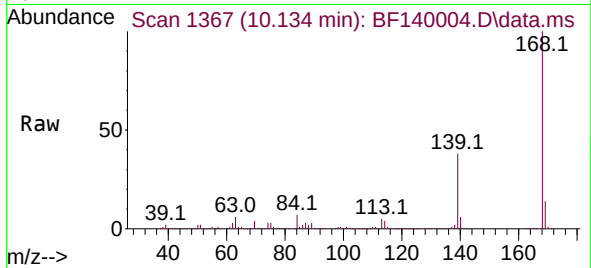




#55
Dibenzenofuran
Concen: 44.486 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

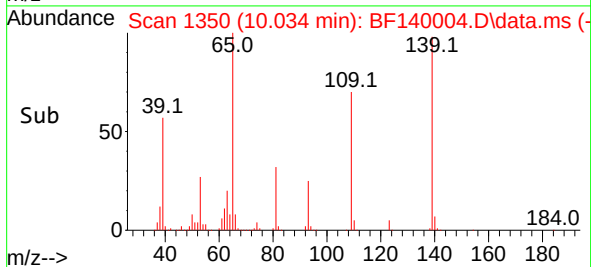
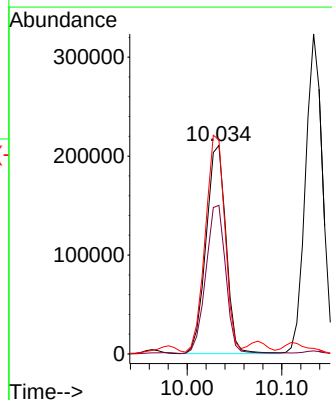
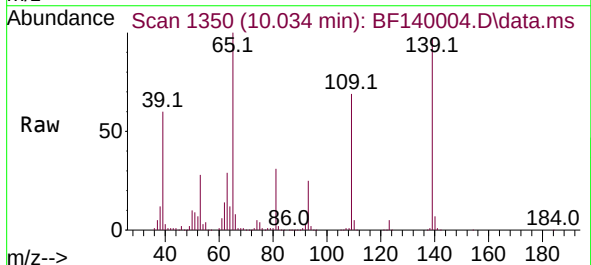
Instrument :
BNA_F
ClientSampleId :
TP-1MS

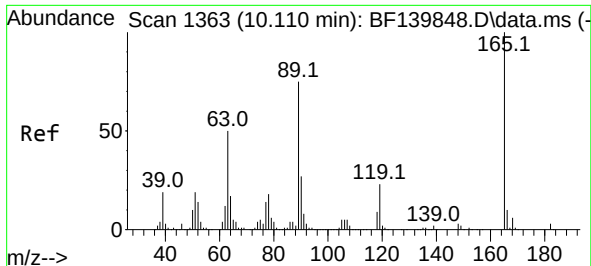
Tgt Ion:168 Resp: 1054724
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 91.196 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:139 Resp: 307515
Ion Ratio Lower Upper
139 100
109 71.3 53.6 93.6
65 102.8 87.8 127.8

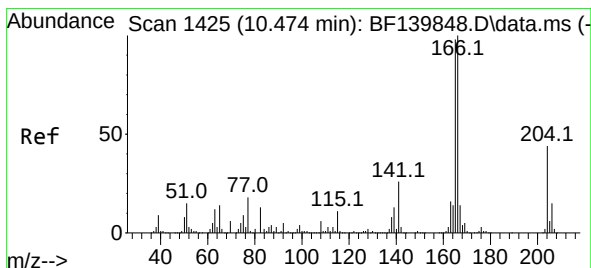
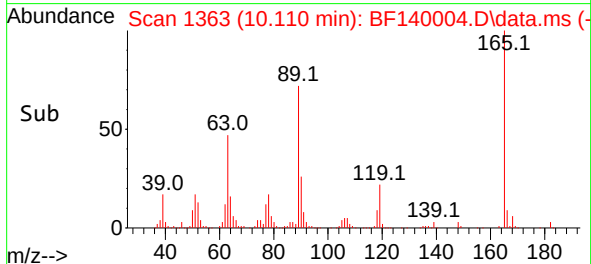
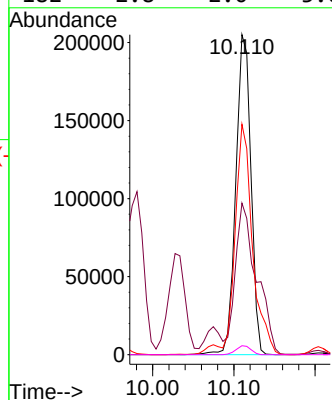
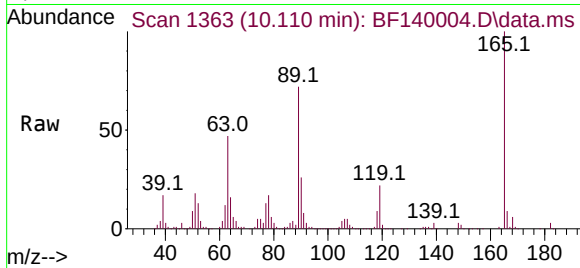




#57
2,4-Dinitrotoluene
Concen: 50.591 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

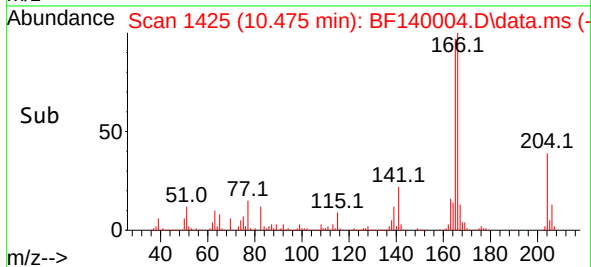
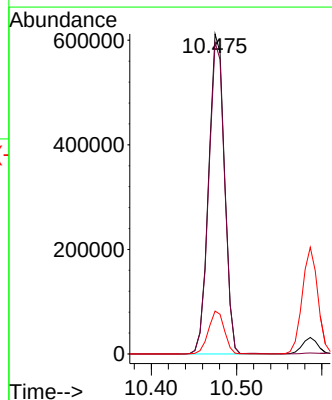
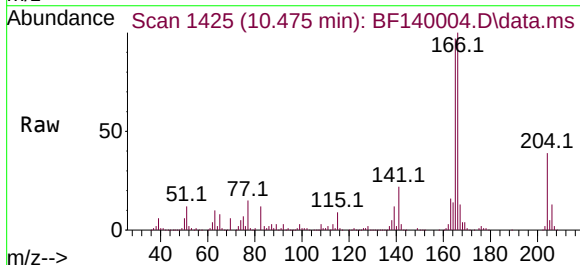
Instrument :
BNA_F
ClientSampleId :
TP-1MS

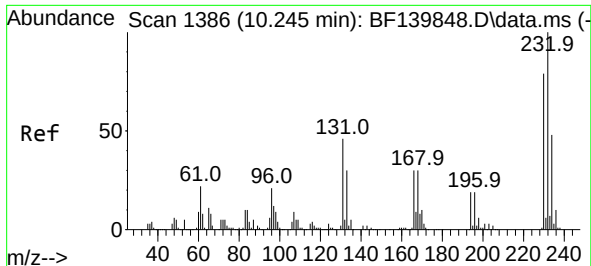
Tgt Ion:165 Resp: 264413
Ion Ratio Lower Upper
165 100
63 47.4 40.1 60.1
89 72.0 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.727 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:166 Resp: 789620
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.4 10.9 16.3

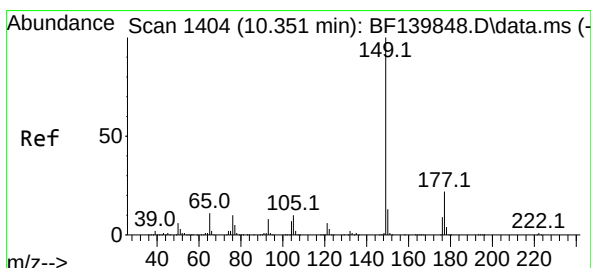
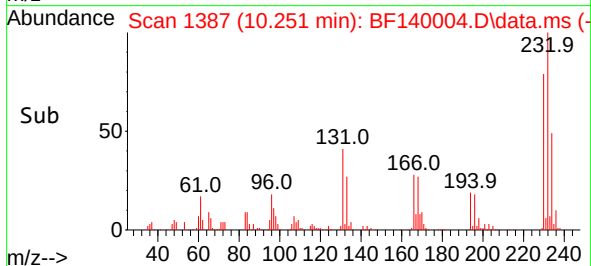
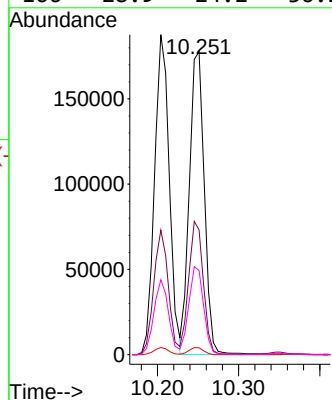
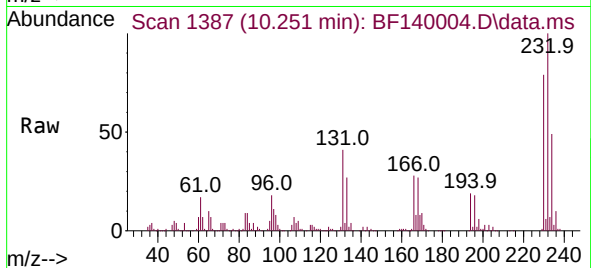




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.735 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

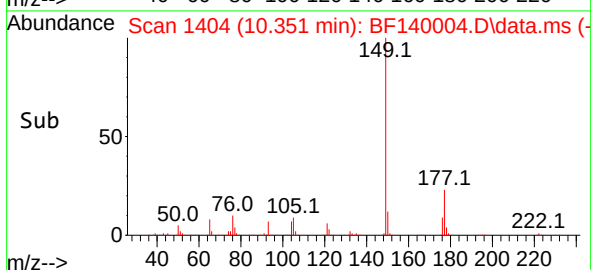
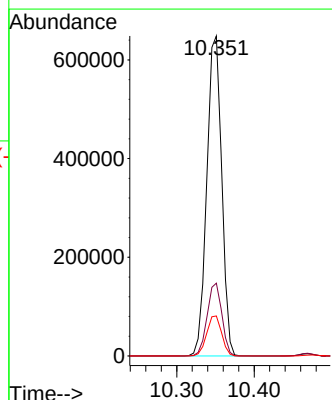
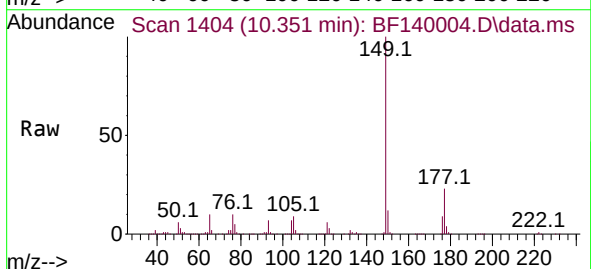
Instrument :
BNA_F
ClientSampleId :
TP-1MS

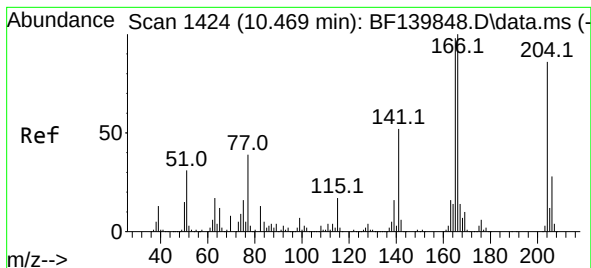
Tgt Ion:232 Resp: 227526
Ion Ratio Lower Upper
232 100
131 43.2 37.0 55.6
130 2.3 1.9 2.9
166 28.9 24.2 36.2



#60
Diethylphthalate
Concen: 44.811 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:149 Resp: 863653
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.5 10.1 15.1

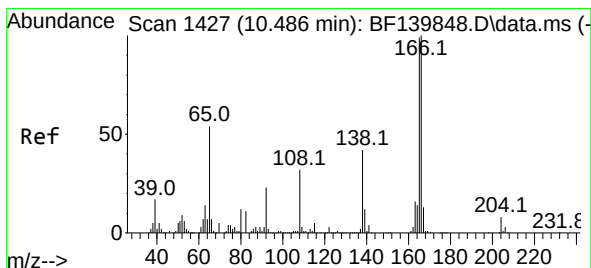
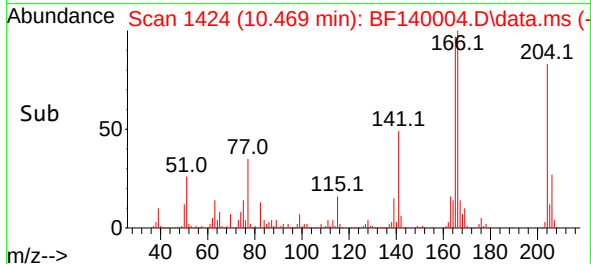
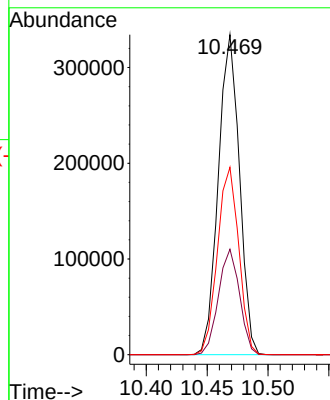
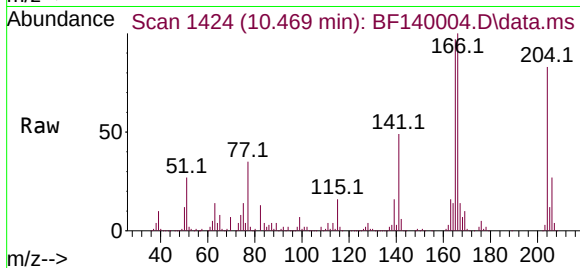




#61
4-Chlorophenyl-phenylether
Concen: 44.335 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

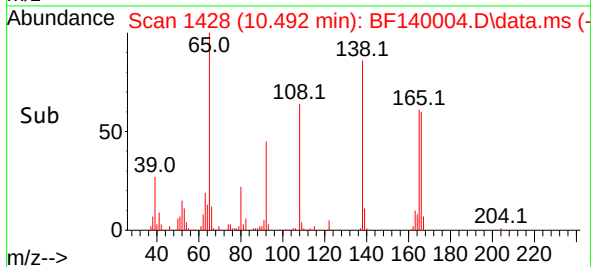
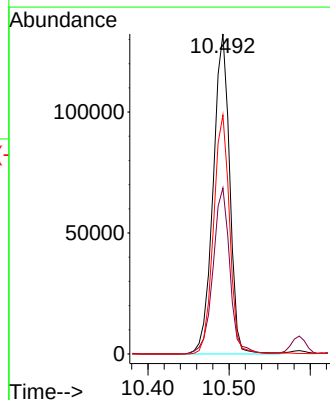
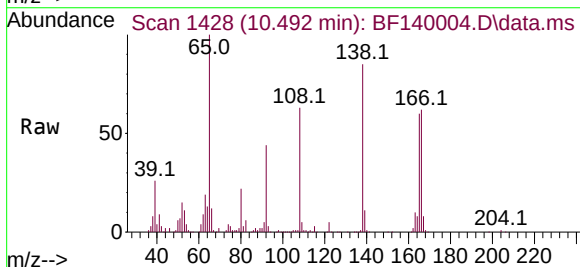
Instrument :
BNA_F
ClientSampleId :
TP-1MS

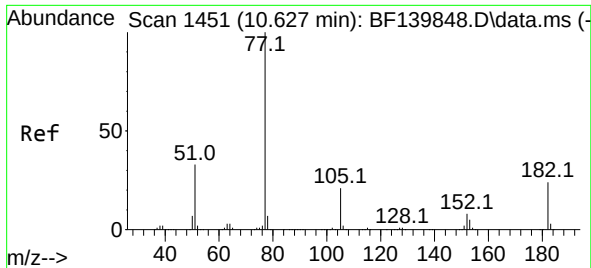
Tgt Ion:204 Resp: 404311
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 58.5 48.6 73.0



#62
4-Nitroaniline
Concen: 45.181 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:138 Resp: 187027
Ion Ratio Lower Upper
138 100
92 51.9 35.7 75.7
108 74.7 57.5 97.5

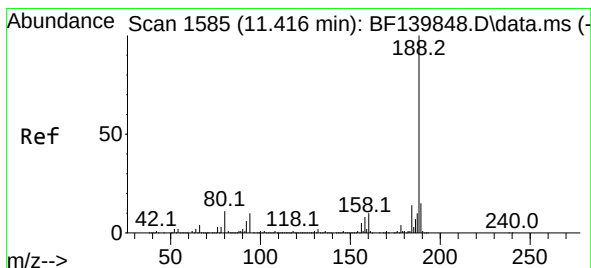
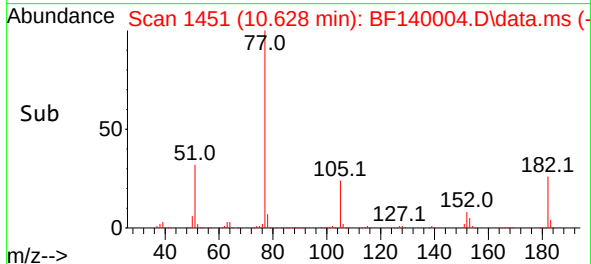
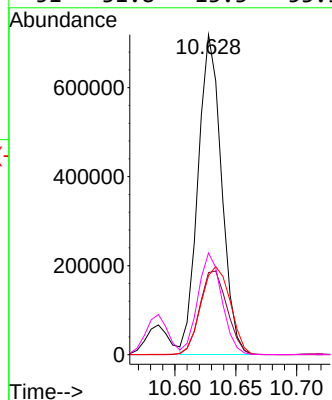
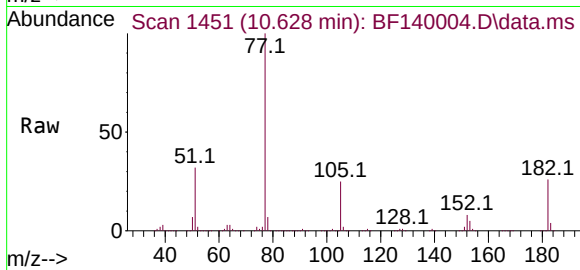




#63
Azobenzene
Concen: 46.996 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

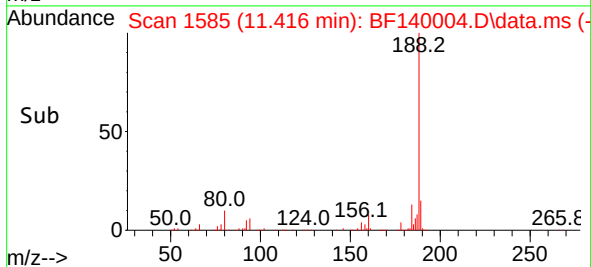
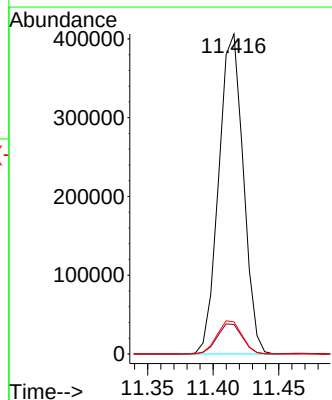
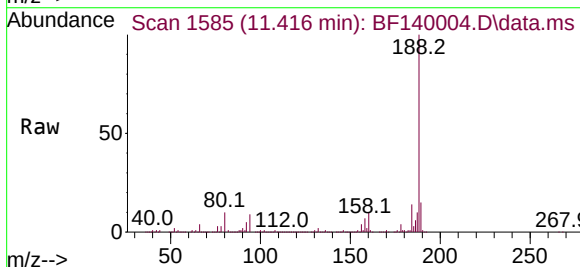
Instrument :
BNA_F
ClientSampleId :
TP-1MS

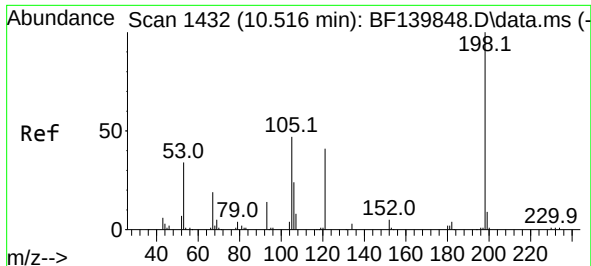
Tgt Ion:	77	Resp:	960246
Ion	Ratio	Lower	Upper
77	100		
182	25.7	3.3	43.3
105	24.7	1.2	41.2
51	31.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:	188	Resp:	529411
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.0	9.0	13.4

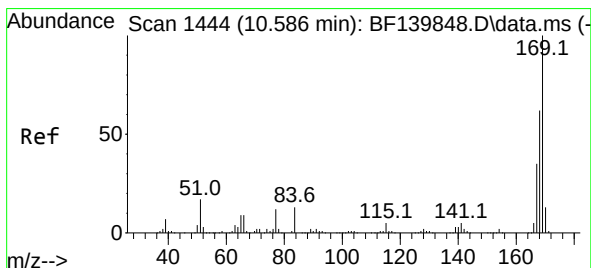
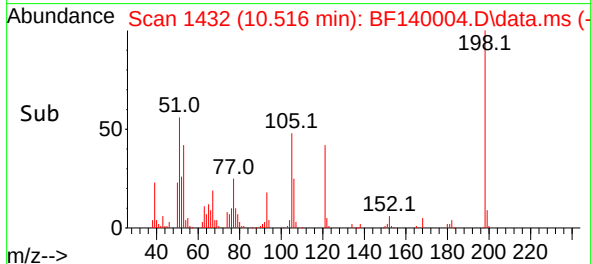
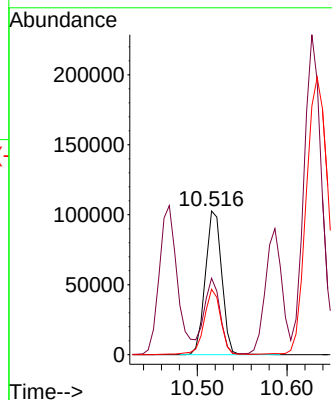
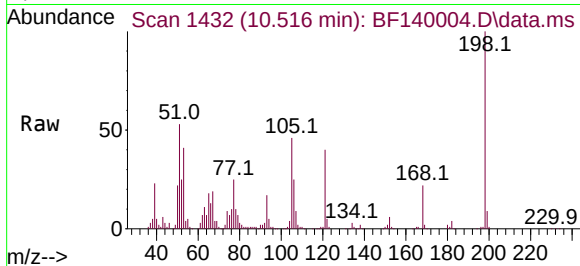




#65
4,6-Dinitro-2-methylphenol
Concen: 60.440 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

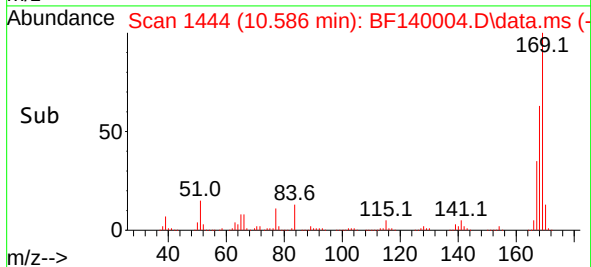
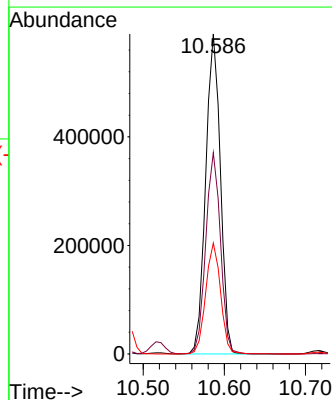
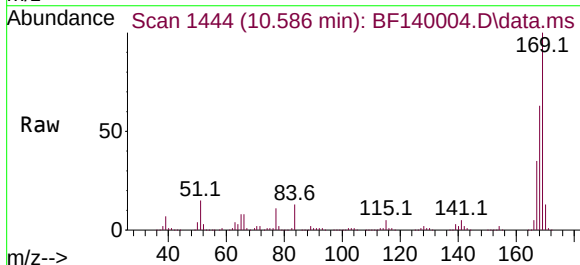
Instrument :
BNA_F
ClientSampleId :
TP-1MS

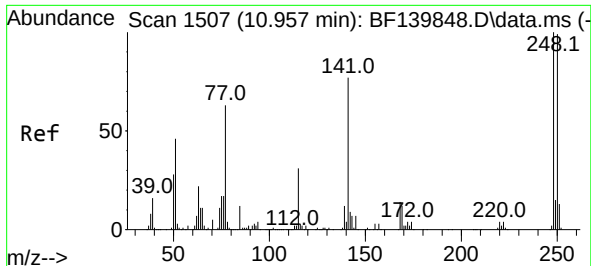
Tgt Ion:198 Resp: 130518
Ion Ratio Lower Upper
198 100
51 53.3 38.2 78.2
105 45.6 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 46.602 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:169 Resp: 738410
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 34.6 28.0 42.0

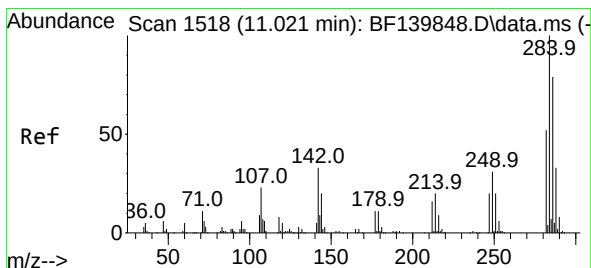
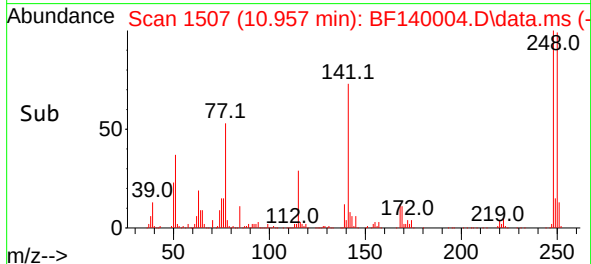
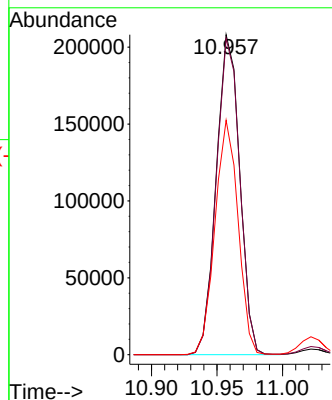
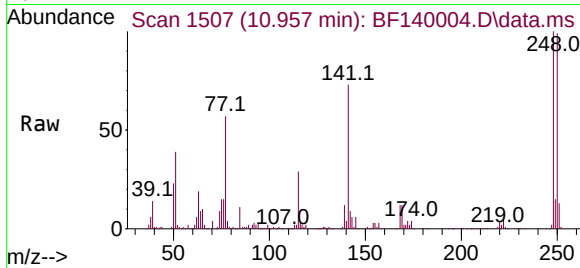




#67
4-Bromophenyl-phenylether
Concen: 47.518 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

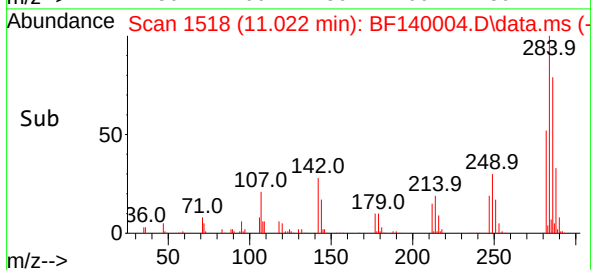
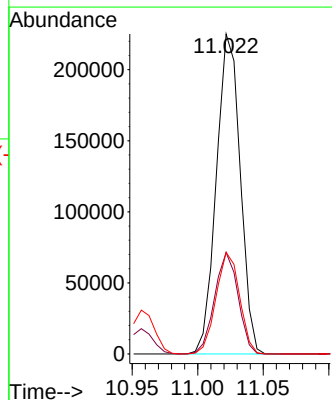
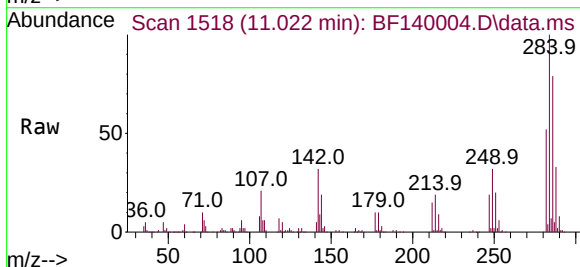
Instrument :
BNA_F
ClientSampleId :
TP-1MS

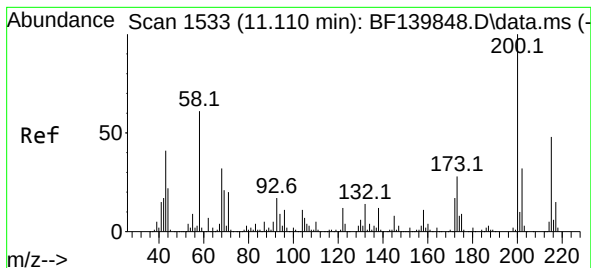
Tgt Ion:248 Resp: 259160
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.6
141 73.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 46.377 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:284 Resp: 284470
Ion Ratio Lower Upper
284 100
142 31.7 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 55.446 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

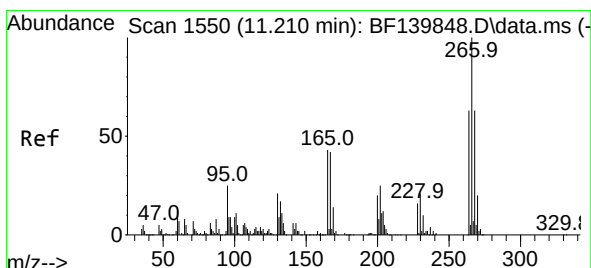
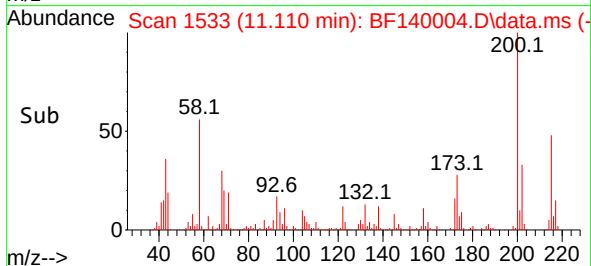
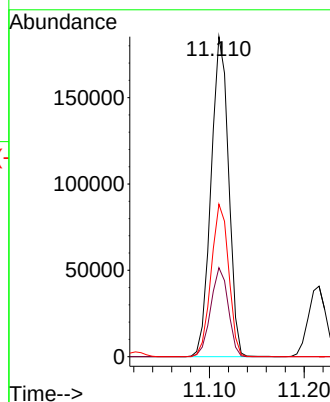
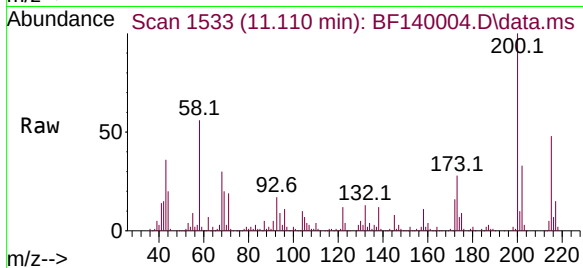
Tgt Ion:200 Resp: 237987

Ion Ratio Lower Upper

200 100

173 27.8 7.7 47.7

215 47.7 27.7 67.7



#70

Pentachlorophenol

Concen: 82.249 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

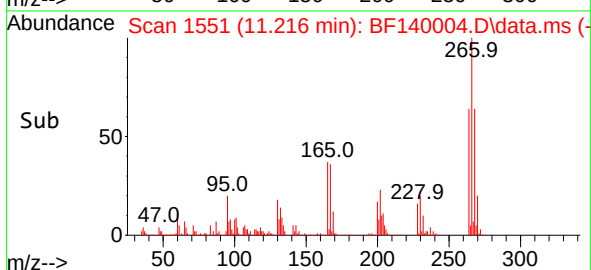
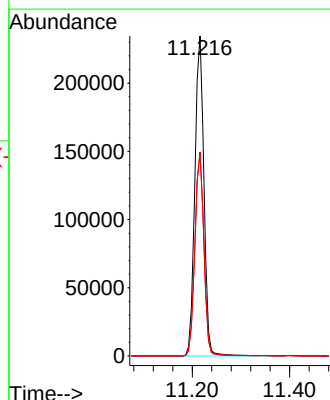
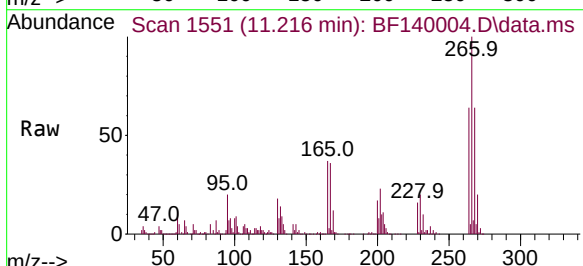
Tgt Ion:266 Resp: 306185

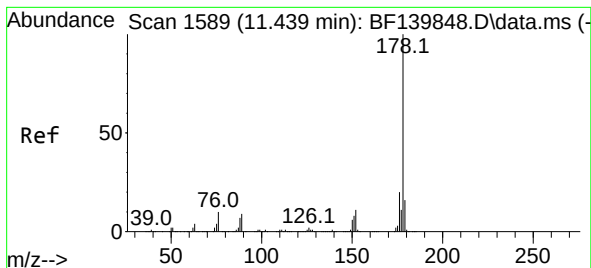
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 63.6 50.6 75.8





#71

Phenanthrene

Concen: 44.313 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

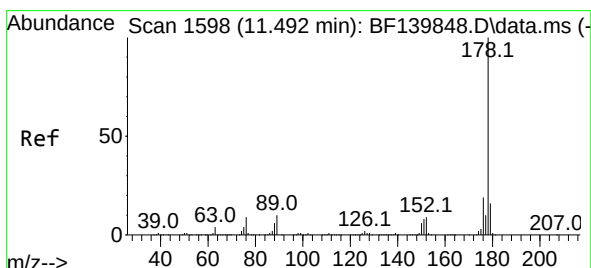
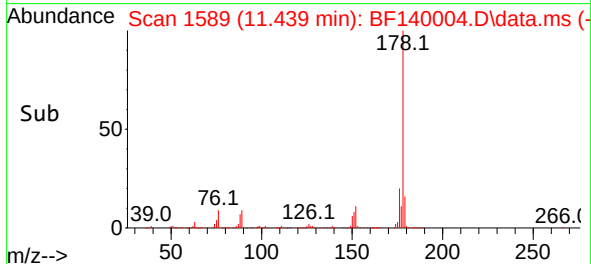
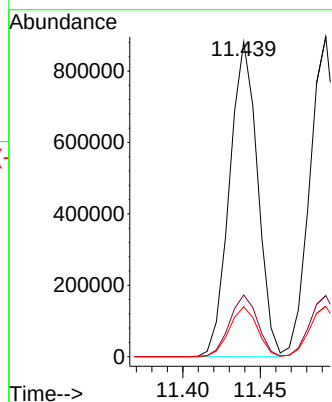
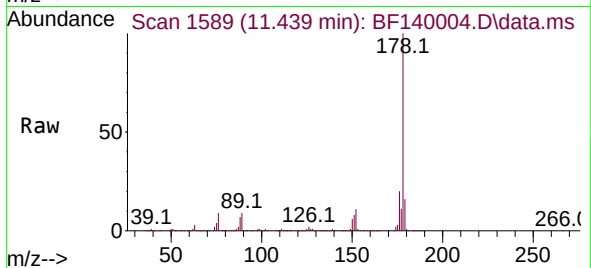
Tgt Ion:178 Resp: 1108145

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.9 12.6 18.8



#72

Anthracene

Concen: 46.341 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

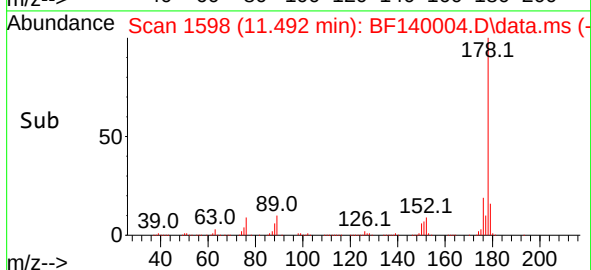
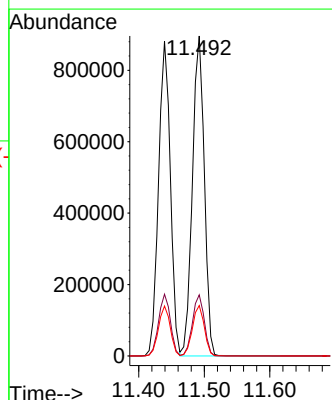
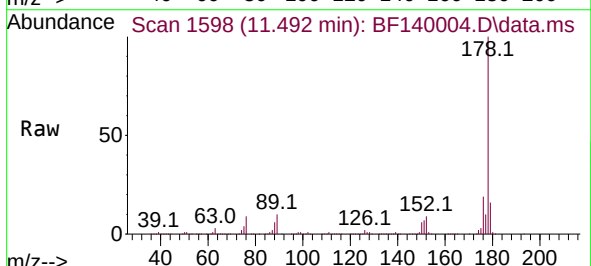
Tgt Ion:178 Resp: 1130666

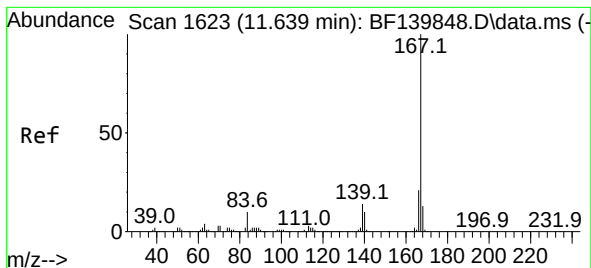
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.4 18.6





#73

Carbazole

Concen: 41.403 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

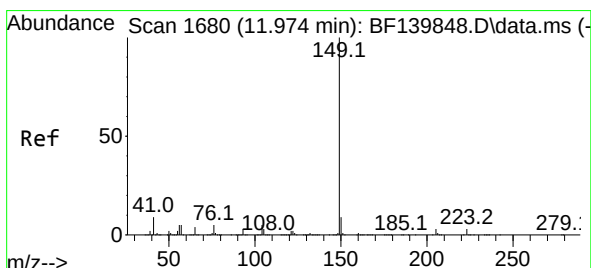
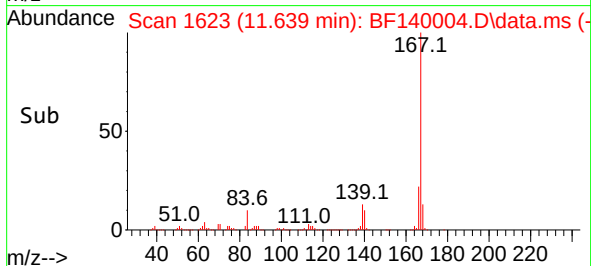
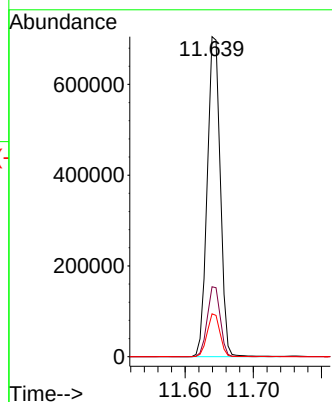
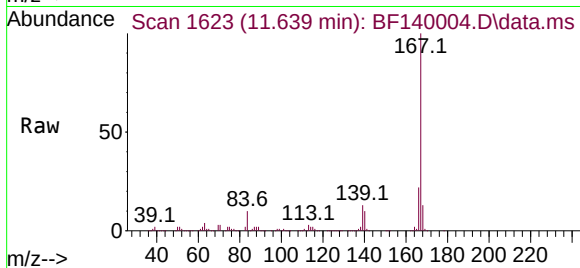
Tgt Ion:167 Resp: 939513

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 46.970 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

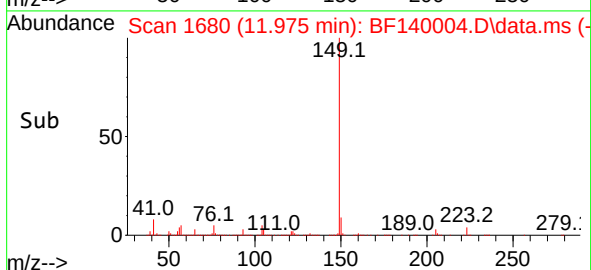
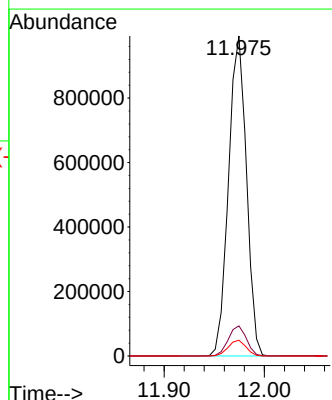
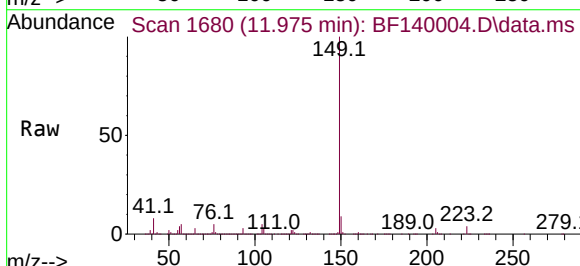
Tgt Ion:149 Resp: 1231382

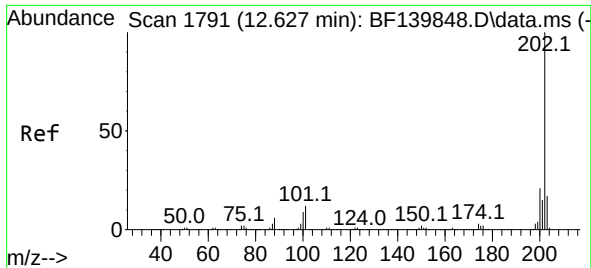
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1

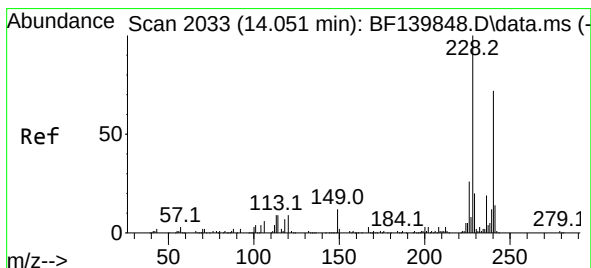
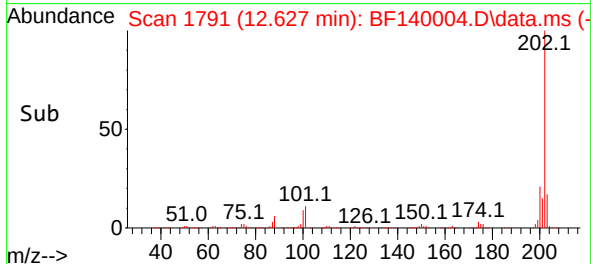
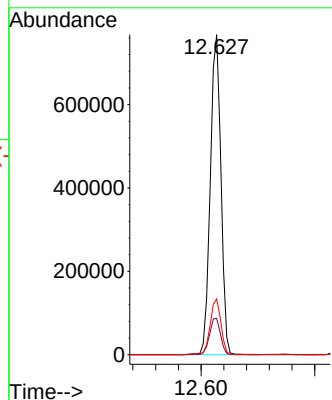
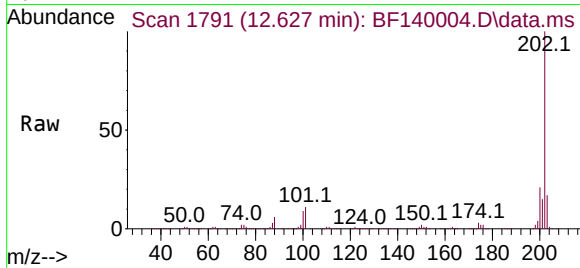




#75
Fluoranthene
Concen: 39.171 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

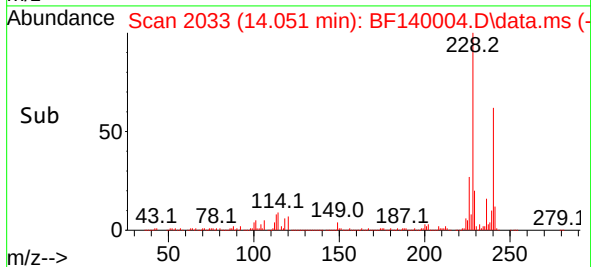
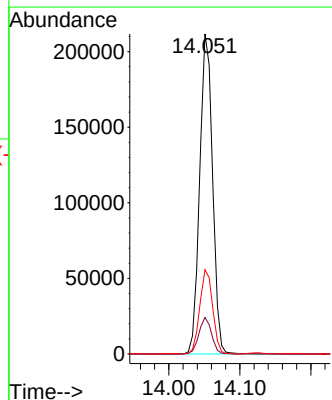
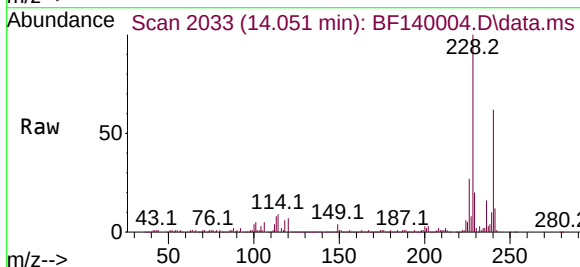
Instrument :
BNA_F
ClientSampleId :
TP-1MS

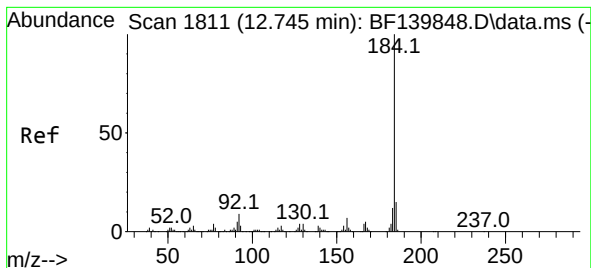
Tgt Ion:202 Resp: 990260
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140004.D
Acq: 24 Oct 2024 16:48

Tgt Ion:240 Resp: 267551
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 65.765 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

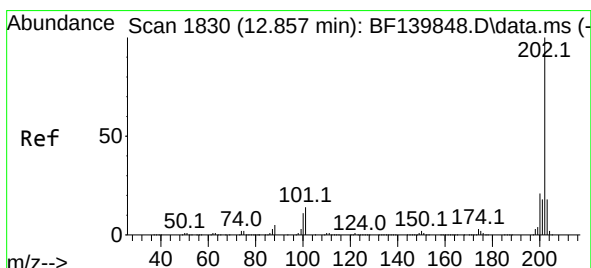
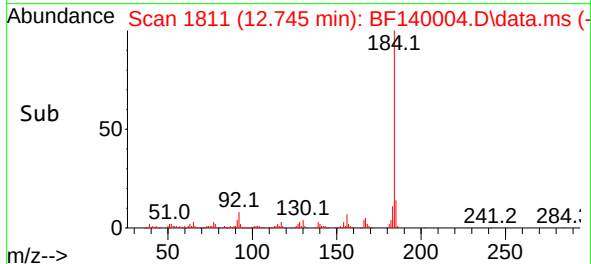
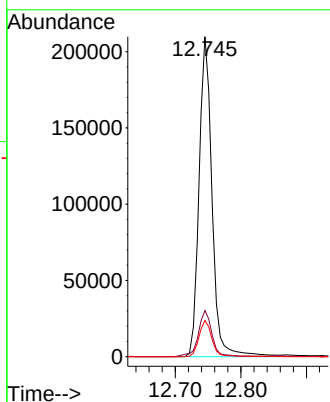
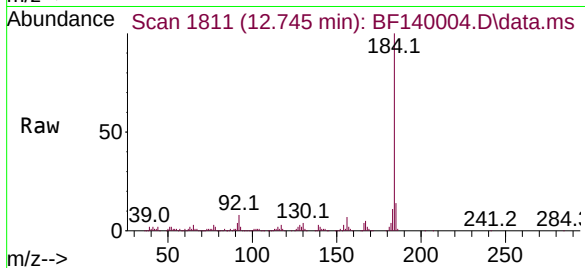
Tgt Ion:184 Resp: 289331

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 11.3 9.4 14.2



#78

Pyrene

Concen: 41.081 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

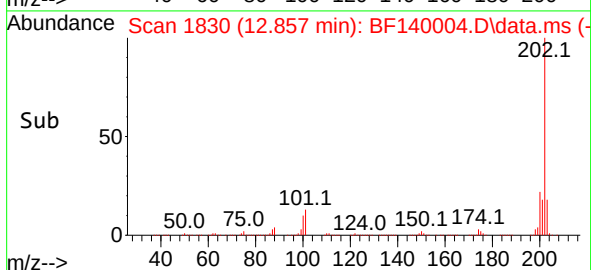
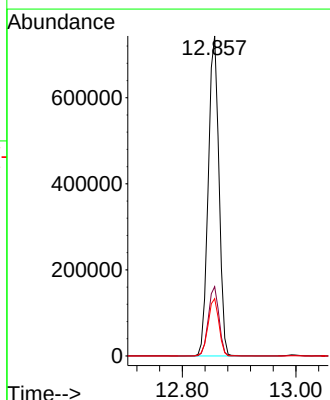
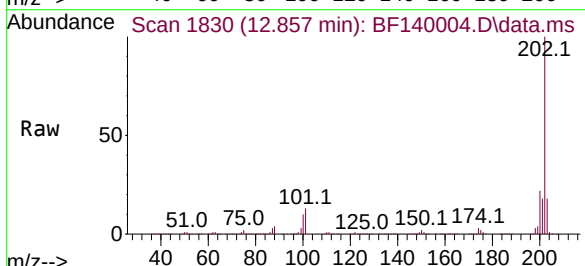
Tgt Ion:202 Resp: 962093

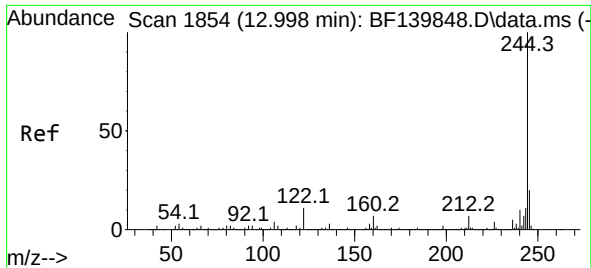
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.9 14.2 21.4

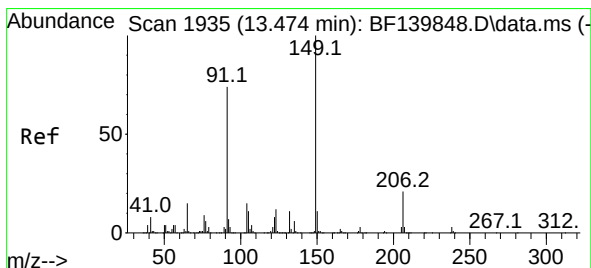
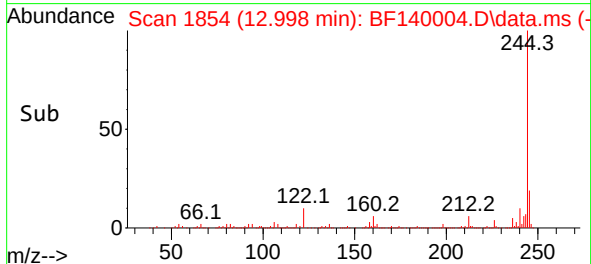
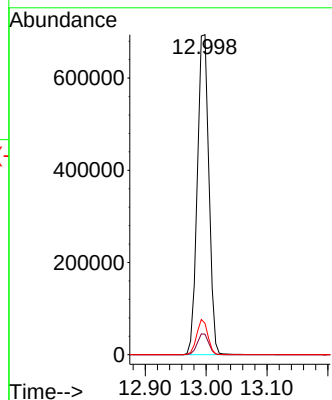
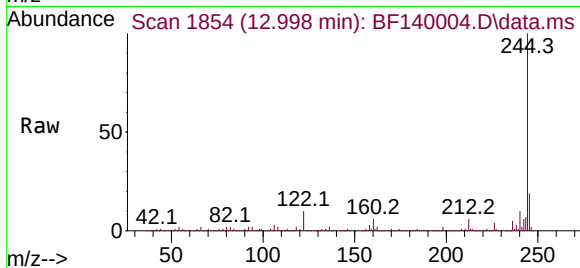




#79
 Terphenyl-d14
 Concen: 55.745 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140004.D
 Acq: 24 Oct 2024 16:48

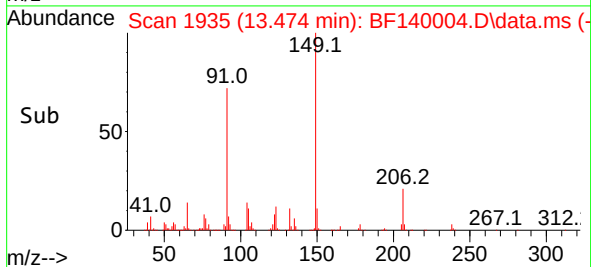
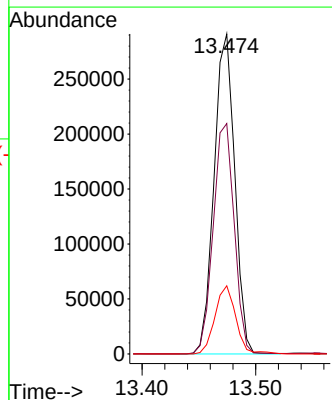
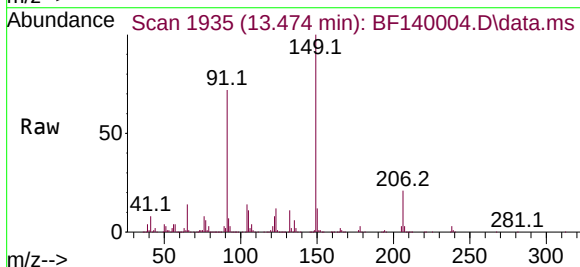
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

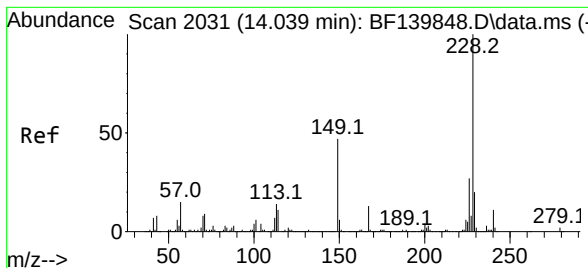
Tgt Ion:244 Resp: 915305
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 9.8 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 52.390 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140004.D
 Acq: 24 Oct 2024 16:48

Tgt Ion:149 Resp: 367843
 Ion Ratio Lower Upper
 149 100
 91 72.0 59.4 89.2
 206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.698 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

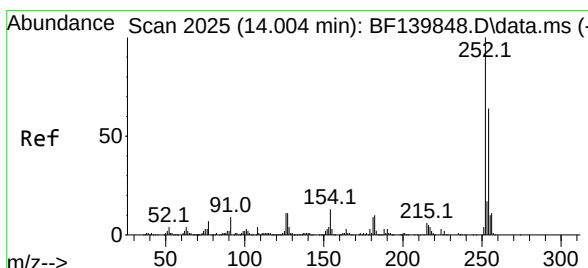
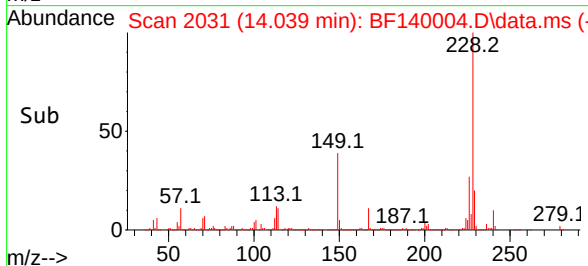
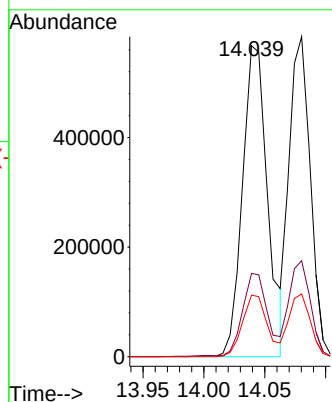
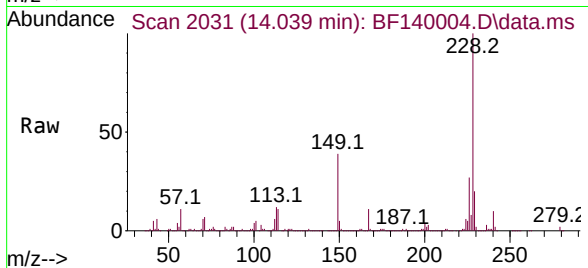
Tgt Ion:228 Resp: 813331

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.396 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

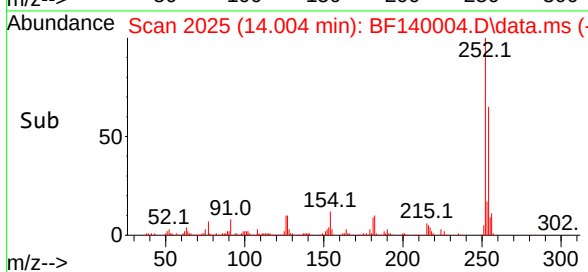
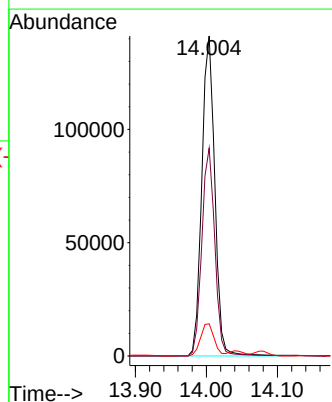
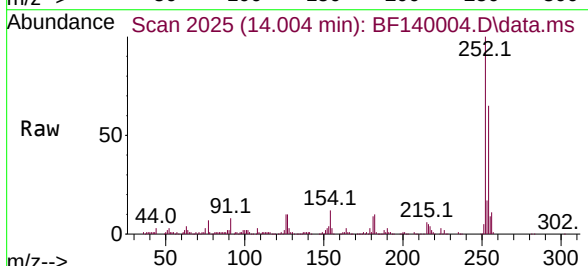
Tgt Ion:252 Resp: 179744

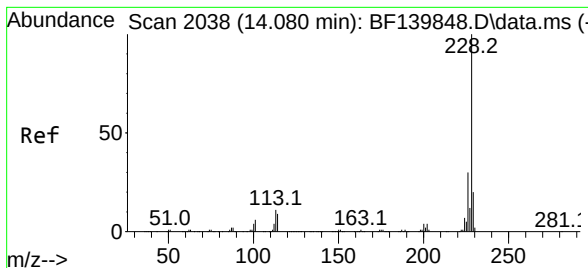
Ion Ratio Lower Upper

252 100

254 64.9 50.8 76.2

126 10.1 8.9 13.3





#83

Chrysene

Concen: 44.351 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

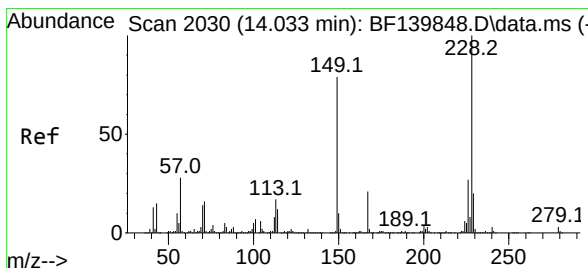
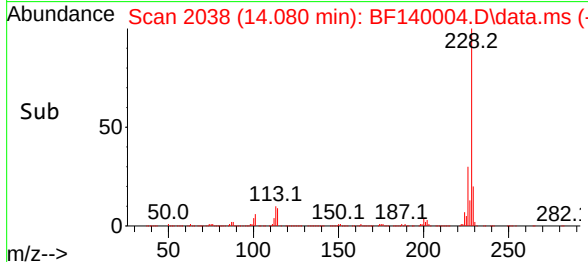
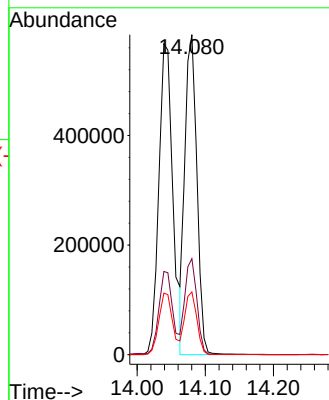
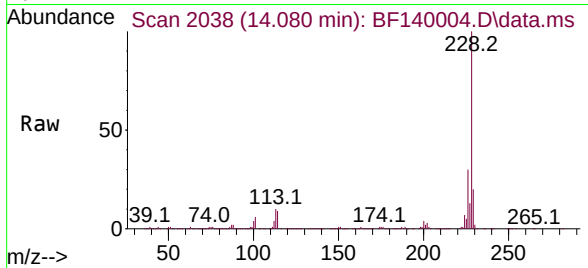
Tgt Ion:228 Resp: 708241

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.075 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

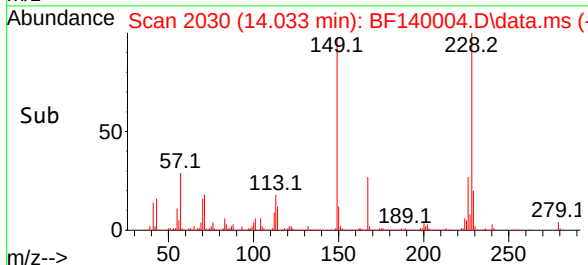
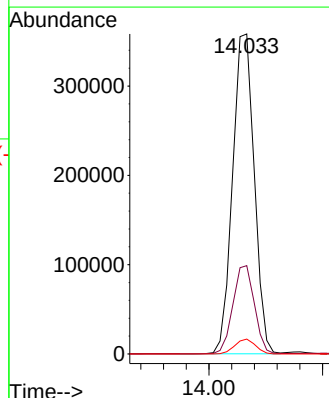
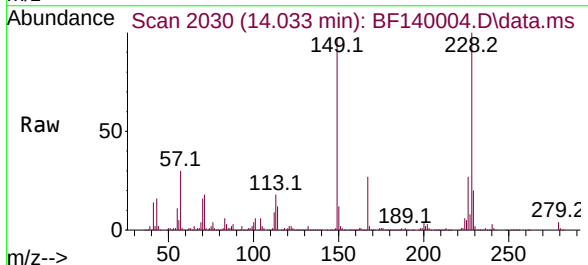
Tgt Ion:149 Resp: 473241

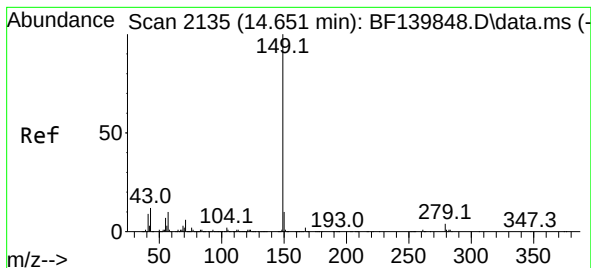
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 56.185 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

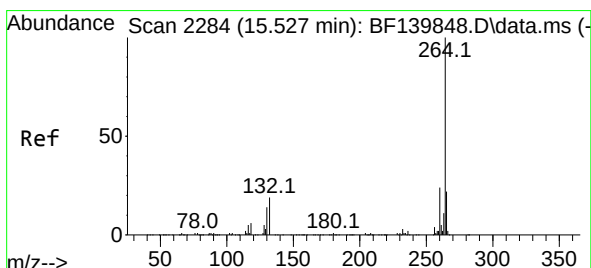
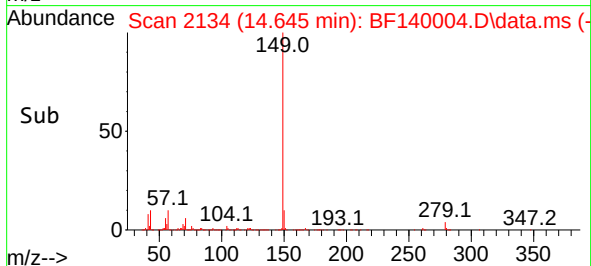
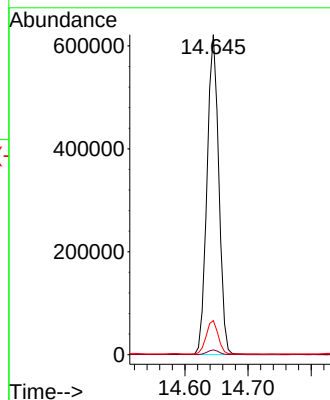
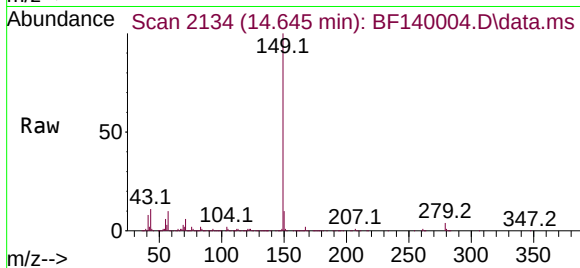
Tgt Ion:149 Resp: 805035

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

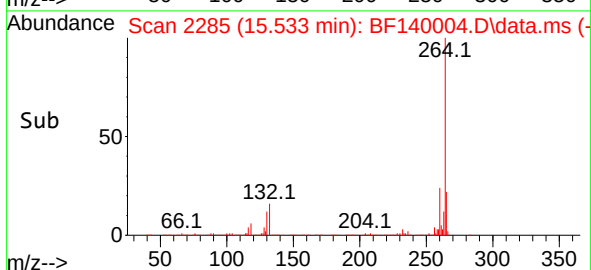
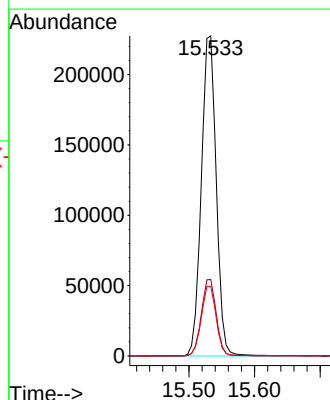
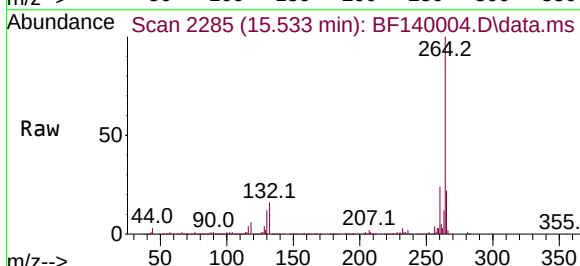
Tgt Ion:264 Resp: 360724

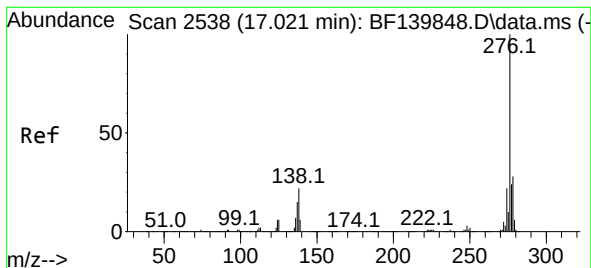
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.512 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

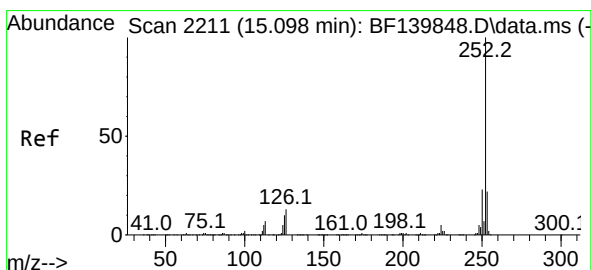
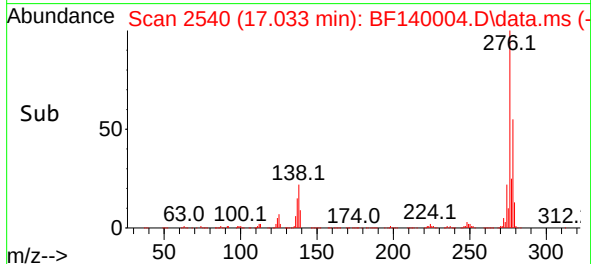
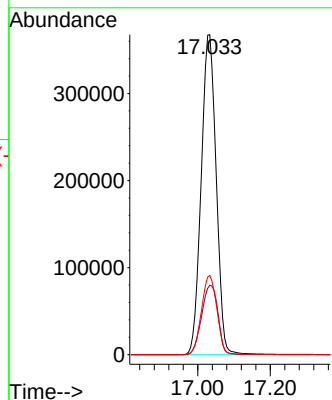
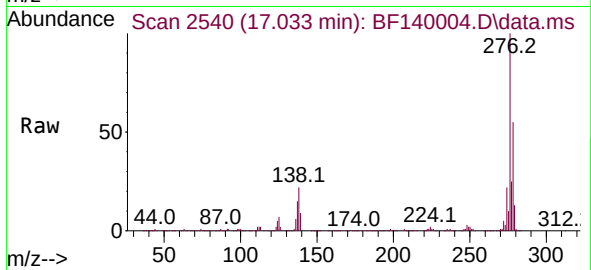
Tgt Ion:276 Resp: 1056164

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.010 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

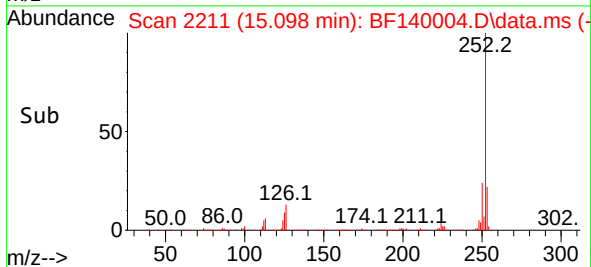
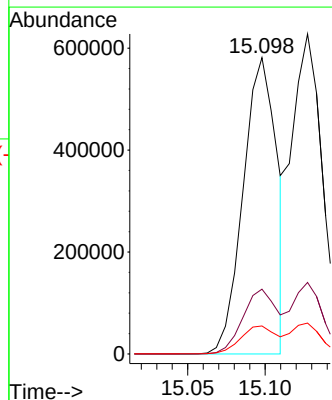
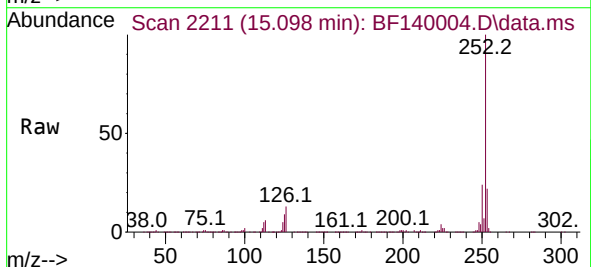
Tgt Ion:252 Resp: 879161

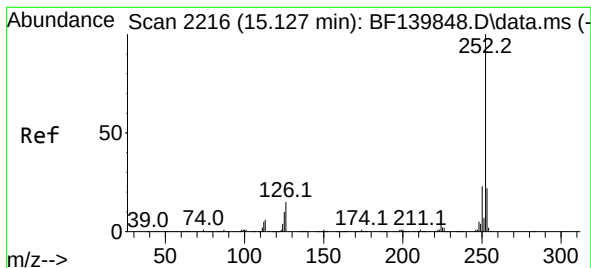
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.651 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

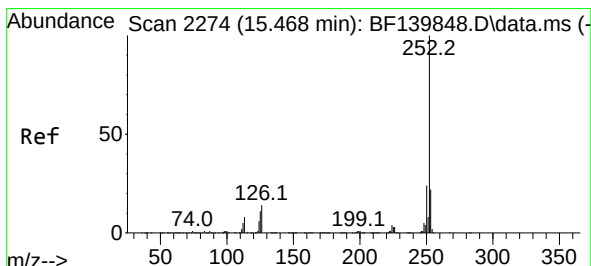
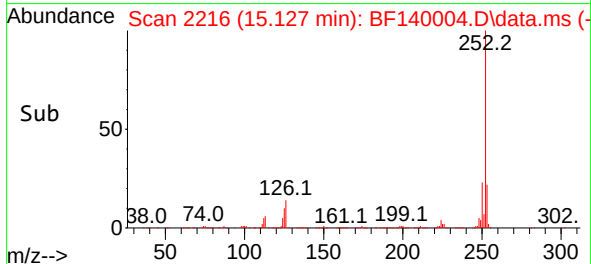
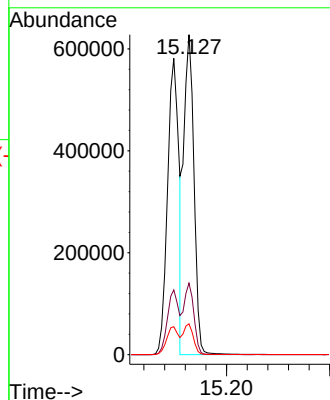
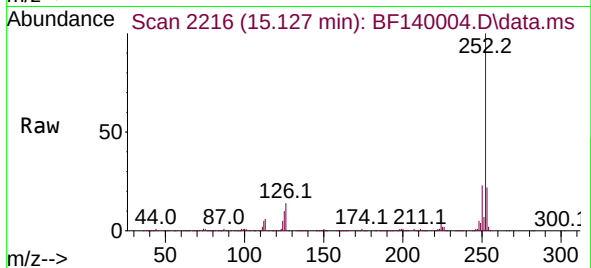
Tgt Ion:252 Resp: 865105

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 48.058 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

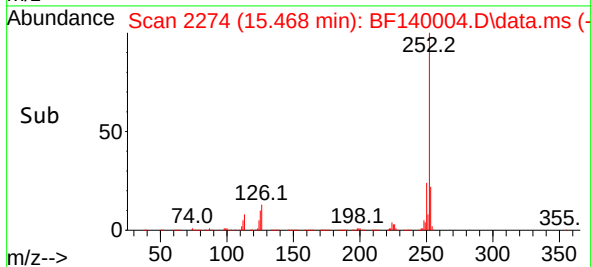
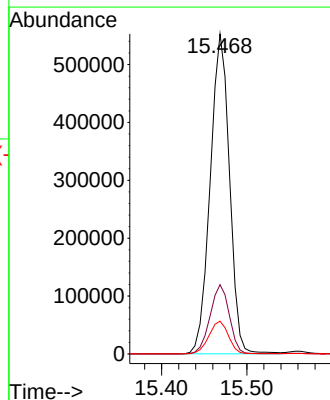
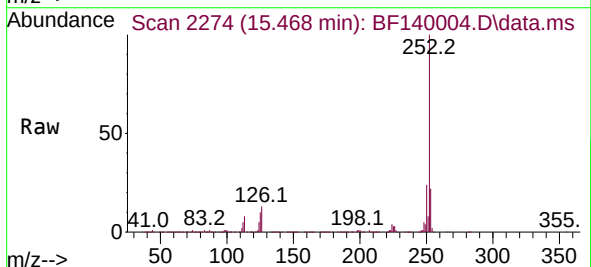
Tgt Ion:252 Resp: 868929

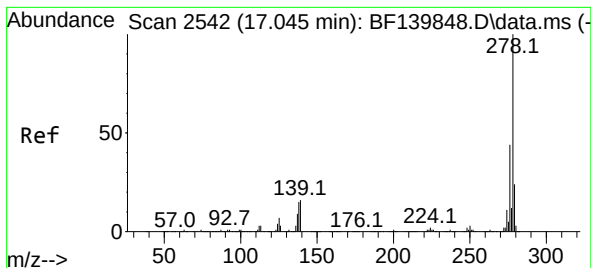
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.323 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

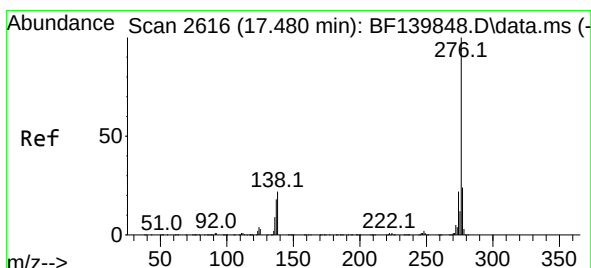
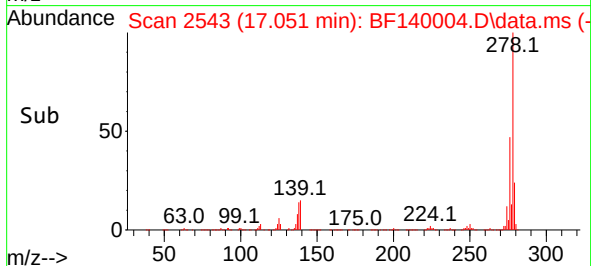
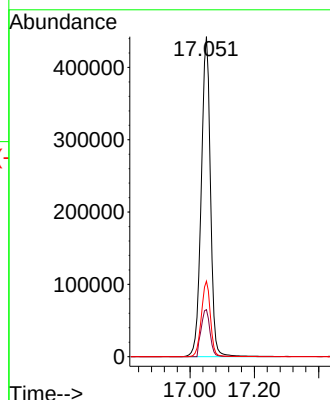
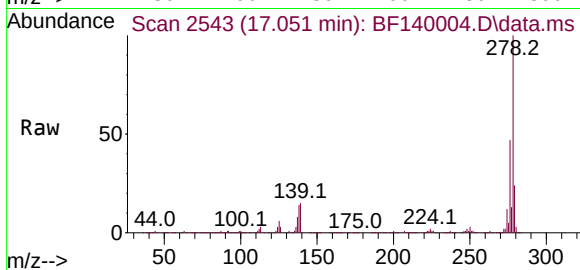
Tgt Ion:278 Resp: 877416

Ion Ratio Lower Upper

278 100

139 14.7 13.1 19.7

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 39.301 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF140004.D

Acq: 24 Oct 2024 16:48

Tgt Ion:276 Resp: 759976

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 20.4 17.4 26.0

