

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140105.D
 Acq On : 29 Oct 2024 12:02
 Operator : RC/JU
 Sample : P4561-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MS

Quant Time: Oct 29 12:37:16 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	6.887	152	119078	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	468695	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	258838	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	443678	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213800	20.000	ng	0.00
86) Perylene-d12	15.527	264	269959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	663296	87.202	ng	0.01
7) Phenol-d6	6.516	99	889612	90.302	ng	0.00
23) Nitrobenzene-d5	7.451	82	564781	66.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	252807	104.419	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1028299	65.658	ng	0.00
79) Terphenyl-d14	12.992	244	869424	66.263	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	135326	38.158	ng	98
3) Pyridine	3.510	79	350246	39.843	ng	99
4) n-Nitrosodimethylamine	3.463	42	196737	41.655	ng	# 98
6) Aniline	6.551	93	287445	31.307	ng	99
8) 2-Chlorophenol	6.675	128	367128	47.212	ng	98
9) Benzaldehyde	6.440	77	68731	12.402	ng	98
10) Phenol	6.528	94	485182	47.771	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	364756	46.464	ng	99
12) 1,3-Dichlorobenzene	6.834	146	397732	44.557	ng	99
13) 1,4-Dichlorobenzene	6.910	146	401159	44.983	ng	99
14) 1,2-Dichlorobenzene	7.057	146	386184	46.399	ng	98
15) Benzyl Alcohol	7.028	79	344664	47.694	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	607117	45.356	ng	98
17) 2-Methylphenol	7.140	107	307900	46.436	ng	98
18) Hexachloroethane	7.404	117	148095	46.569	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	276260	46.236	ng	97
20) 3+4-Methylphenols	7.287	107	381132	44.939	ng	# 90
22) Acetophenone	7.298	105	506664	44.135	ng	99
24) Nitrobenzene	7.469	77	414883	44.747	ng	100
25) Isophorone	7.710	82	741496	46.197	ng	99
26) 2-Nitrophenol	7.787	139	192444	55.018	ng	98
27) 2,4-Dimethylphenol	7.816	122	306717	52.588	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	441117	45.361	ng	100
29) 2,4-Dichlorophenol	8.028	162	306470	46.132	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	322636	43.891	ng	99
31) Naphthalene	8.192	128	1073825	44.423	ng	100
32) Benzoic acid	7.934	122	236255	46.443	ng	99
33) 4-Chloroaniline	8.239	127	98478	11.948	ng	98
34) Hexachlorobutadiene	8.310	225	209194	45.293	ng	99
35) Caprolactam	8.610	113	74203	35.128	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	345453	46.962	ng	100
37) 2-Methylnaphthalene	8.886	142	681541	46.037	ng	100
38) 1-Methylnaphthalene	8.981	142	635082	43.725	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	325431	46.603	ng	99
41) Hexachlorocyclopentadiene	9.039	237	407976	167.908	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	233871	47.305	ng	100

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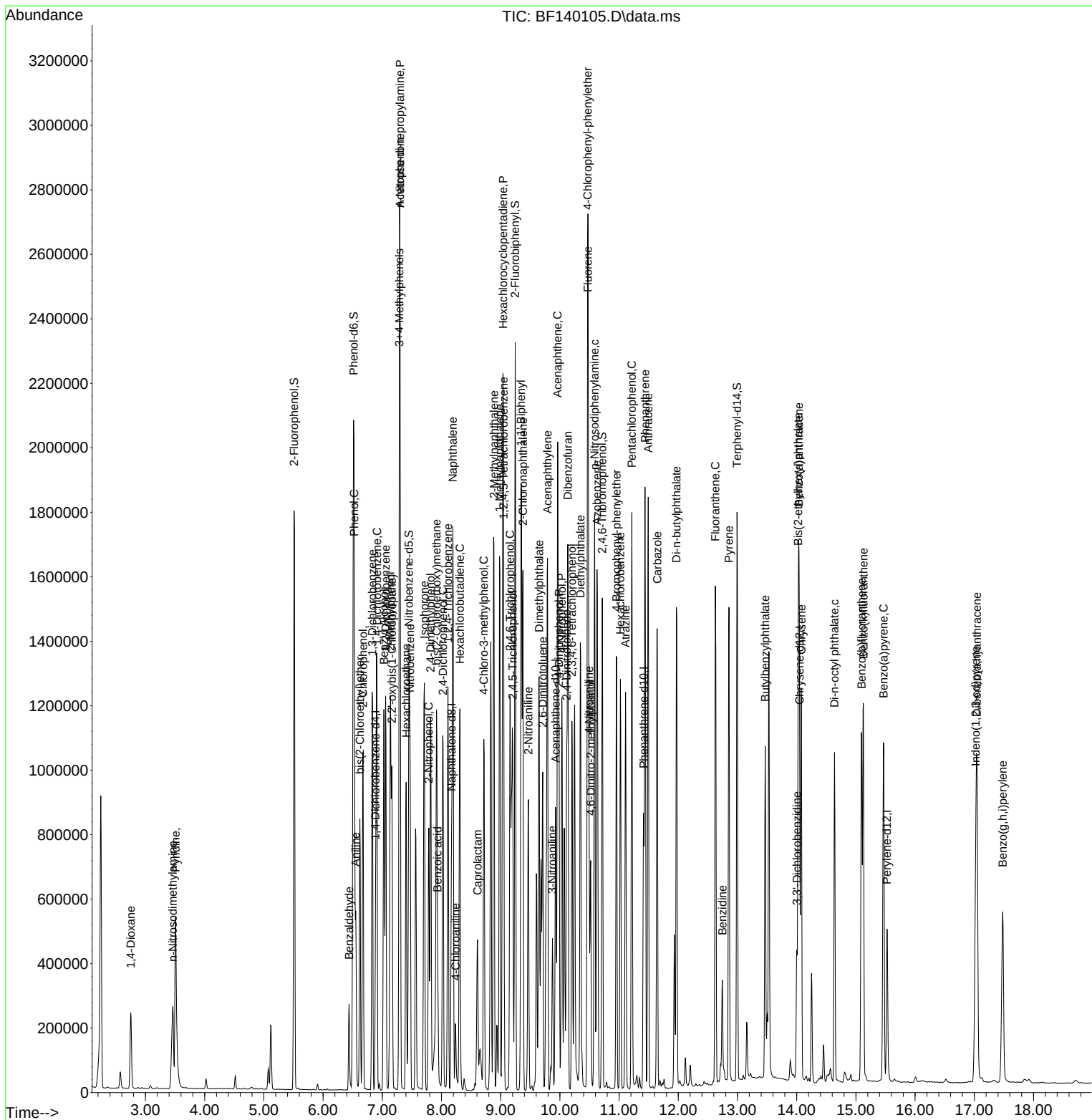
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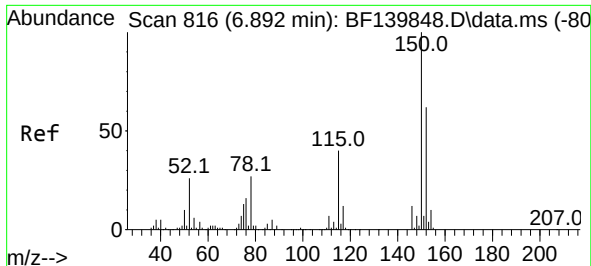
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	238739	46.804	ng	98
46) 1,1'-Biphenyl	9.345	154	821944	45.616	ng	100
47) 2-Chloronaphthalene	9.375	162	655768	45.186	ng	99
48) 2-Nitroaniline	9.469	65	227765	51.314	ng	95
49) Acenaphthylene	9.792	152	1023418	48.778	ng	100
50) Dimethylphthalate	9.651	163	775588	48.106	ng	100
51) 2,6-Dinitrotoluene	9.710	165	169010	48.415	ng	98
52) Acenaphthene	9.963	154	717149	52.838	ng	99
53) 3-Nitroaniline	9.875	138	93290	25.915	ng	100
54) 2,4-Dinitrophenol	9.986	184	201945	134.403	ng	# 1
55) Dibenzofuran	10.133	168	904160	46.431	ng	100
56) 4-Nitrophenol	10.033	139	272837	98.511	ng	95
57) 2,4-Dinitrotoluene	10.116	165	227892	53.087	ng	98
58) Fluorene	10.475	166	681871	45.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	205072	51.285	ng	91
60) Diethylphthalate	10.345	149	750506	47.411	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	348259	46.495	ng	99
62) 4-Nitroaniline	10.492	138	163027	47.949	ng	97
63) Azobenzene	10.628	77	893808	53.259	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	131332	72.569	ng	93
66) n-Nitrosodiphenylamine	10.586	169	632125	47.603	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	221899	48.548	ng	97
68) Hexachlorobenzene	11.022	284	242705	47.214	ng	99
69) Atrazine	11.110	200	200780	55.817	ng	99
70) Pentachlorophenol	11.216	266	289848	92.905	ng	99
71) Phenanthrene	11.439	178	973007	46.428	ng	100
72) Anthracene	11.492	178	987770	48.307	ng	100
73) Carbazole	11.645	167	822131	43.231	ng	99
74) Di-n-butylphthalate	11.969	149	1066878	48.558	ng	100
75) Fluoranthene	12.627	202	852694	40.247	ng	100
77) Benzidine	12.745	184	177069	50.367	ng	99
78) Pyrene	12.857	202	842496	45.018	ng	99
80) Butylbenzylphthalate	13.469	149	318277	56.727	ng	100
81) Benzo(a)anthracene	14.039	228	646882	46.479	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	121036	29.827	ng	97
83) Chrysene	14.080	228	628880	49.282	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	397598	63.162	ng	100
85) Di-n-octyl phthalate	14.639	149	654252	57.142	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	740606	42.644	ng	98
88) Benzo(b)fluoranthene	15.098	252	726493	44.178	ng	99
89) Benzo(k)fluoranthene	15.127	252	663067	46.753	ng	99
90) Benzo(a)pyrene	15.468	252	681796	50.387	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	619598	42.766	ng	99
92) Benzo(g,h,i)perylene	17.480	276	514347	35.542	ng	99

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

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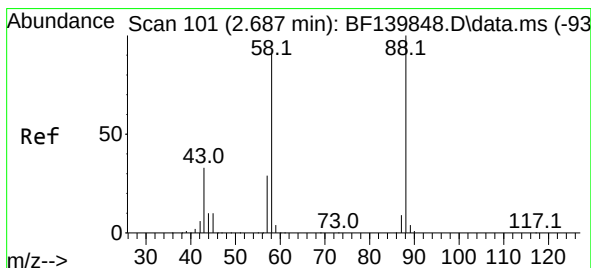
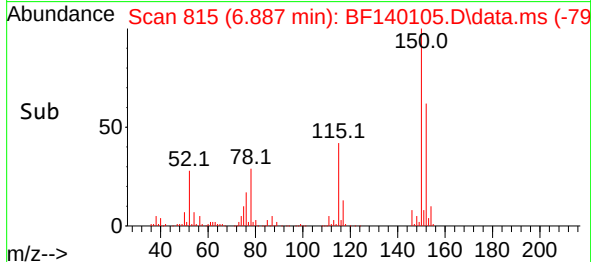
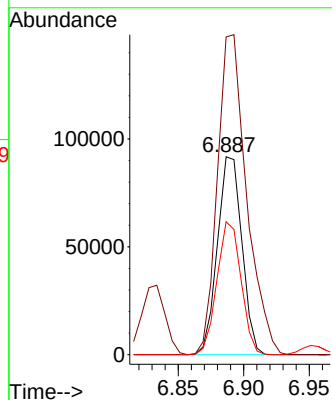
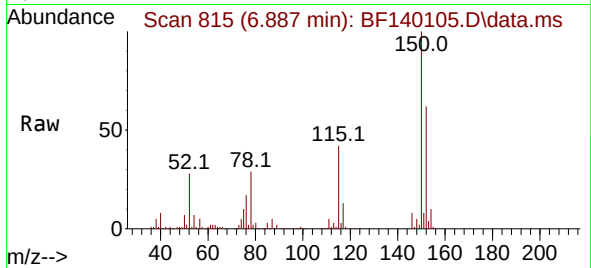




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

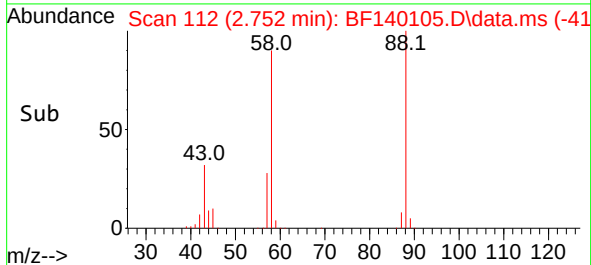
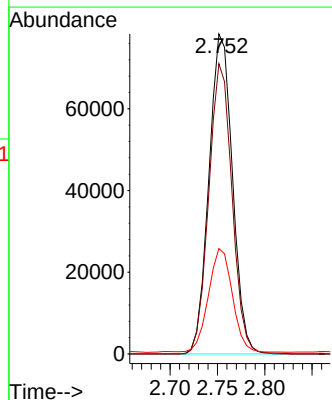
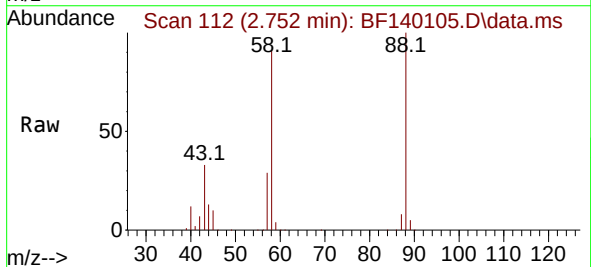
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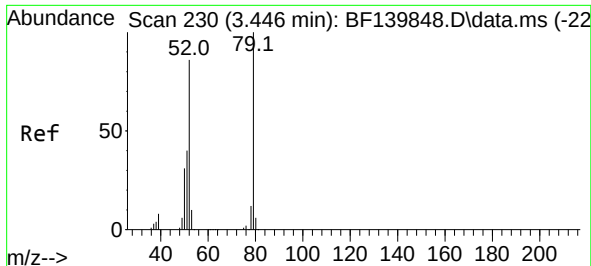
Tgt Ion:152 Resp: 119078
Ion Ratio Lower Upper
152 100
150 160.6 130.2 195.2
115 67.2 51.4 77.2



#2
1,4-Dioxane
Concen: 38.158 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 88 Resp: 135326
Ion Ratio Lower Upper
88 100
58 89.6 73.3 109.9
43 32.9 27.1 40.7





#3

Pyridine

Concen: 39.843 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.065 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

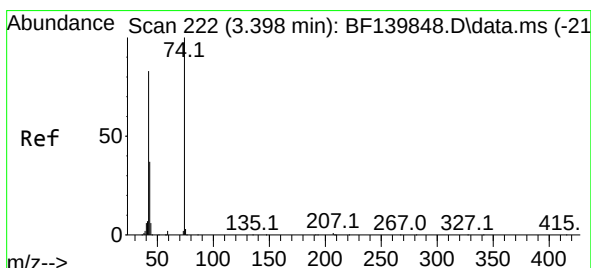
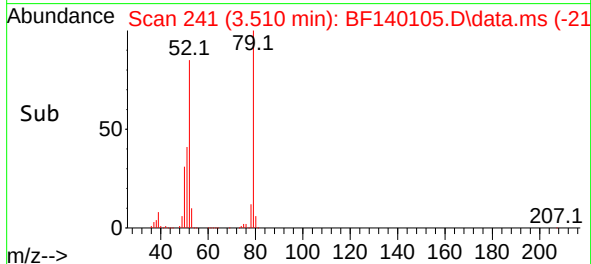
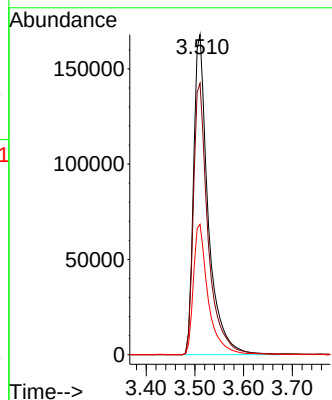
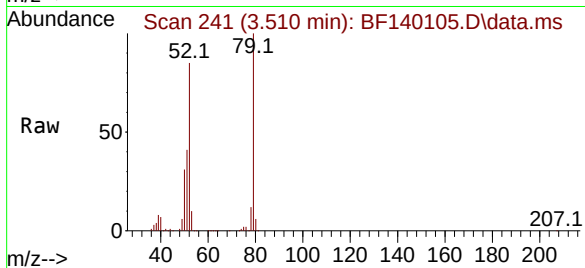
Tgt Ion: 79 Resp: 350246

Ion Ratio Lower Upper

79 100

52 84.8 68.5 102.7

51 40.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 41.655 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

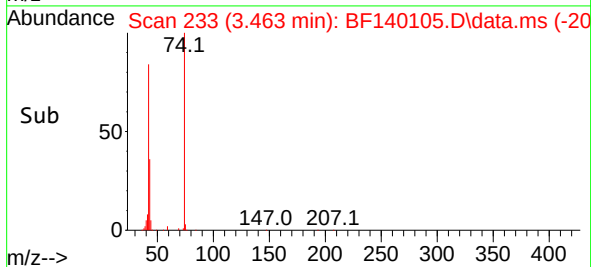
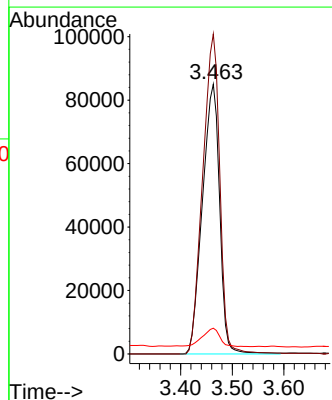
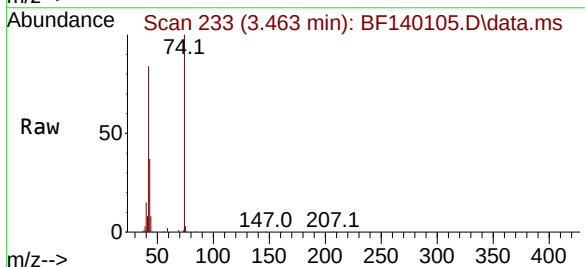
Tgt Ion: 42 Resp: 196737

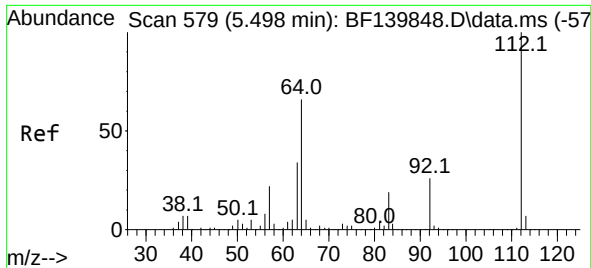
Ion Ratio Lower Upper

42 100

74 118.7 96.2 144.4

44 9.5 6.2 9.2#

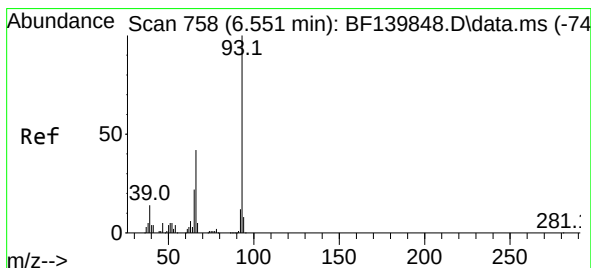
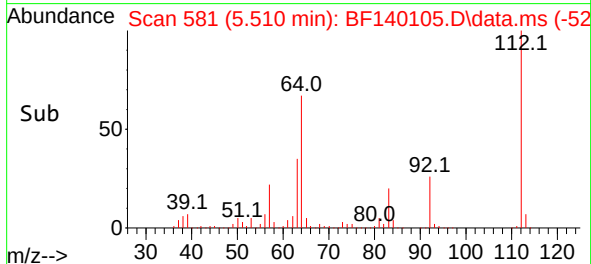
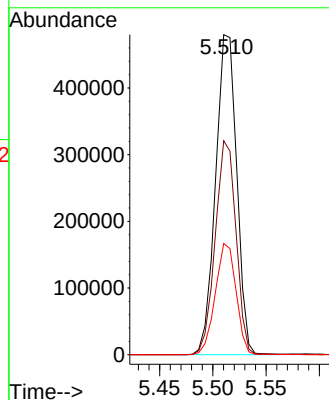
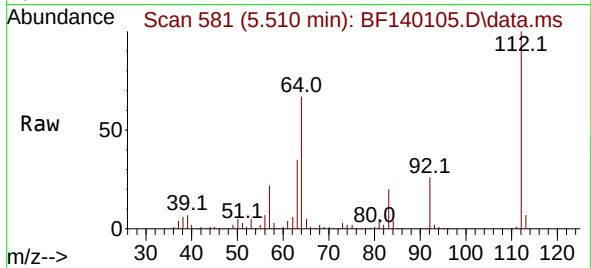




#5
2-Fluorophenol
Concen: 87.202 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

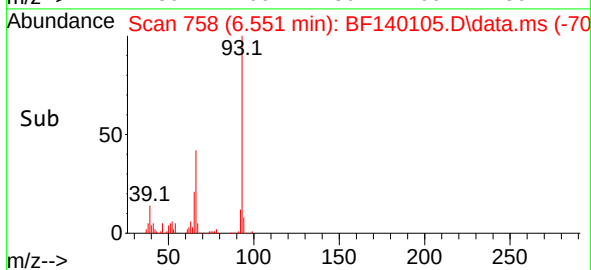
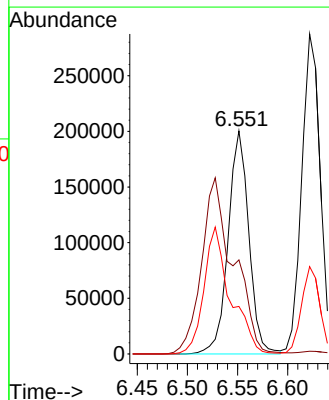
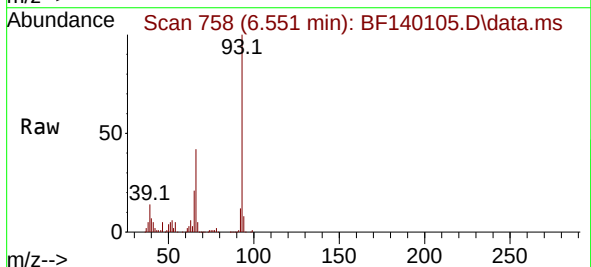
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ClientSampleId :
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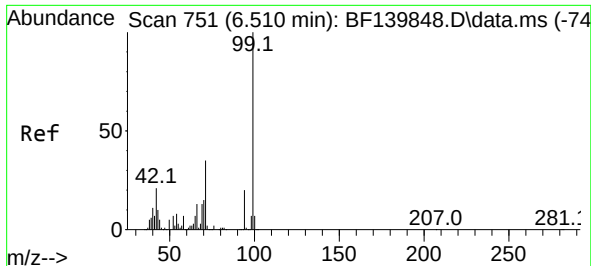
Tgt Ion:112 Resp: 663296
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 34.8 27.0 40.4



#6
Aniline
Concen: 31.307 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 93 Resp: 287445
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.3 17.4 26.0





#7

Phenol-d6

Concen: 90.302 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

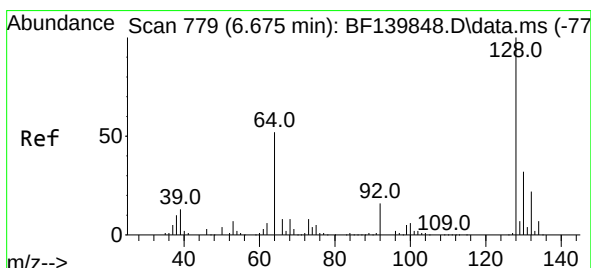
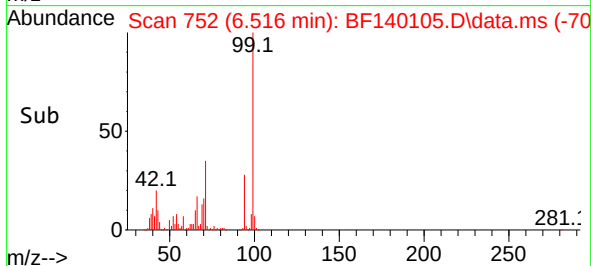
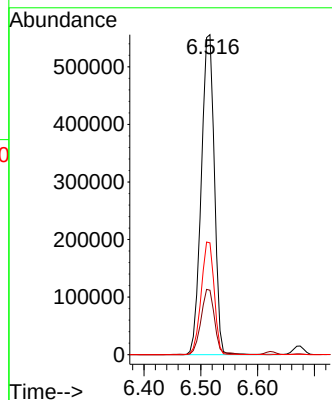
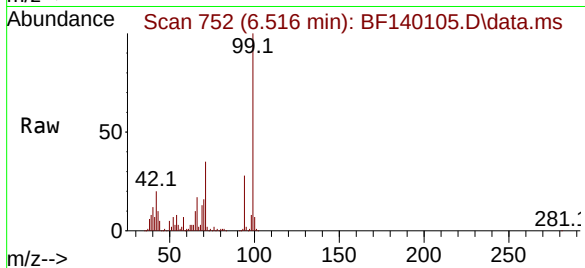
Tgt Ion: 99 Resp: 889612

Ion Ratio Lower Upper

99 100

42 20.1 16.7 25.1

71 35.0 27.7 41.5



#8

2-Chlorophenol

Concen: 47.212 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

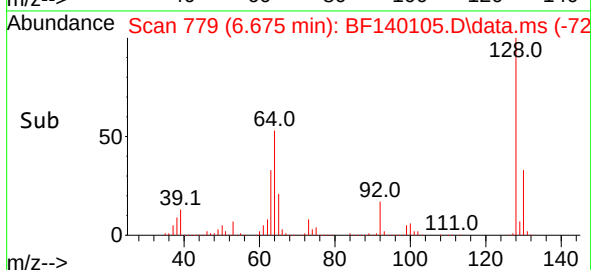
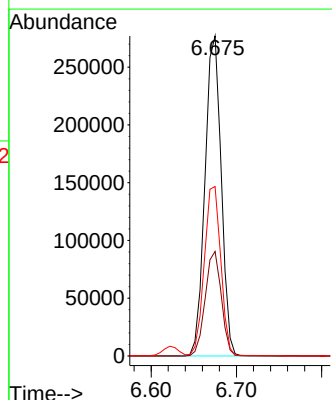
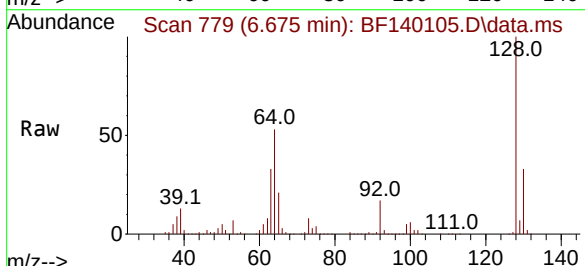
Tgt Ion: 128 Resp: 367128

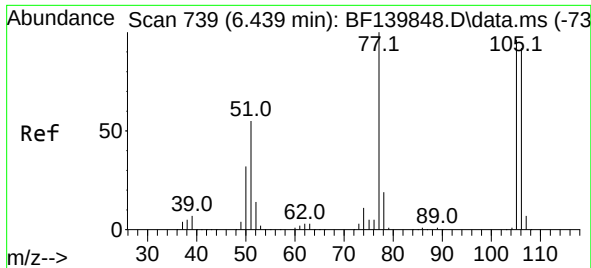
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 52.9 34.6 74.6

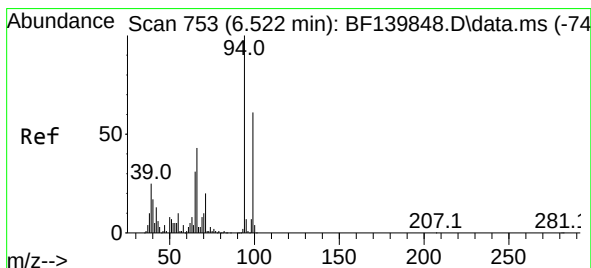
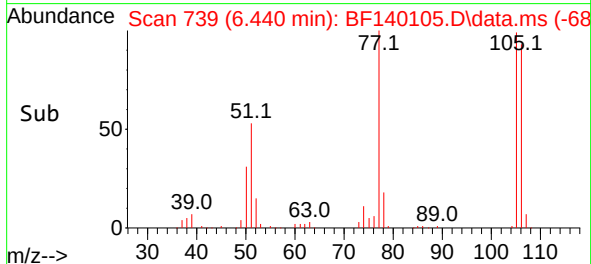
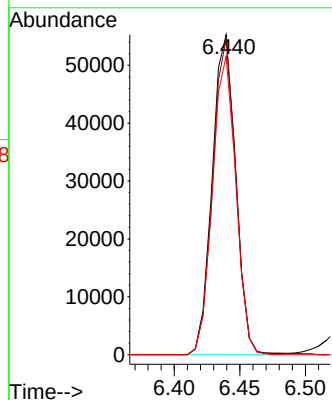
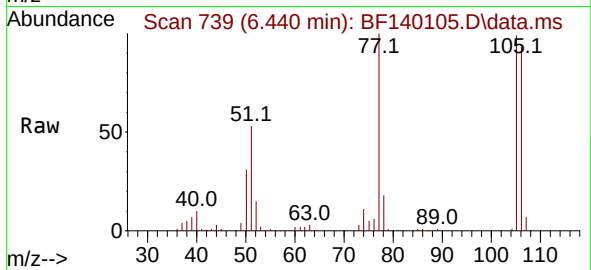




#9
Benzaldehyde
Concen: 12.402 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

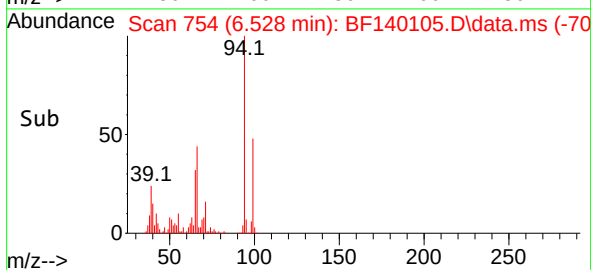
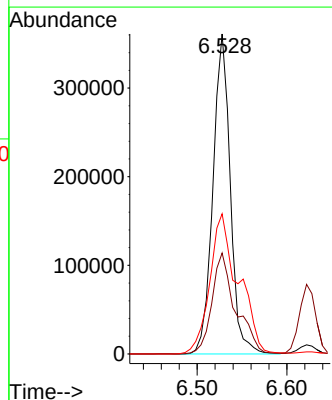
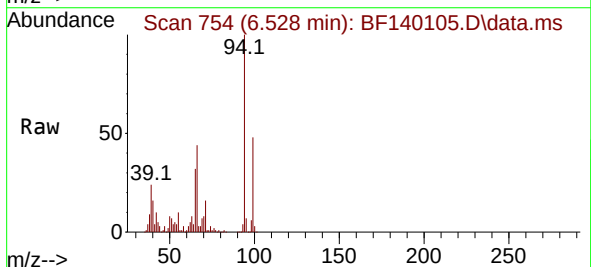
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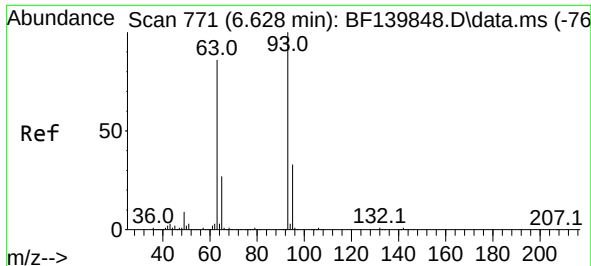
Tgt Ion: 77 Resp: 68731
Ion Ratio Lower Upper
77 100
105 98.6 75.5 115.5
106 93.3 71.7 111.7



#10
Phenol
Concen: 47.771 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 94 Resp: 485182
Ion Ratio Lower Upper
94 100
65 31.6 11.1 51.1
66 43.8 22.7 62.7

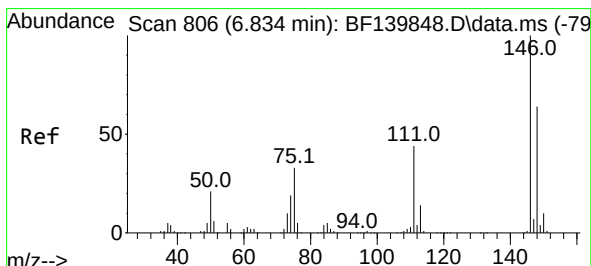
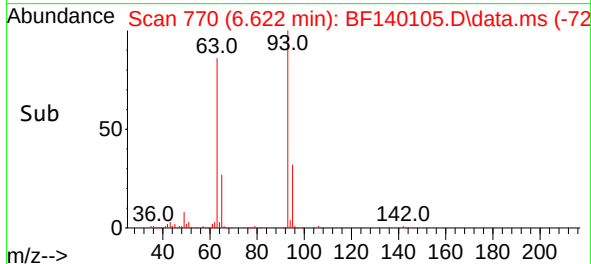
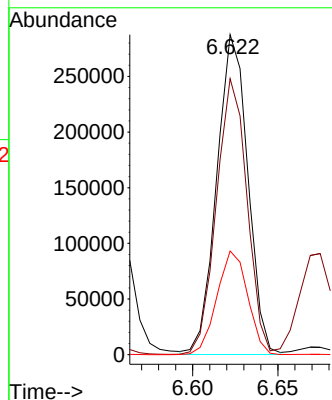
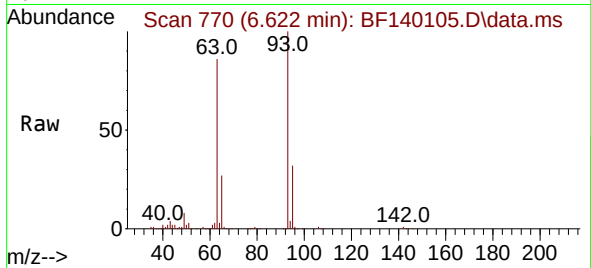




#11
bis(2-Chloroethyl)ether
Concen: 46.464 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

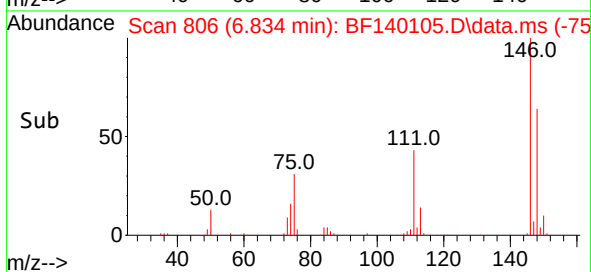
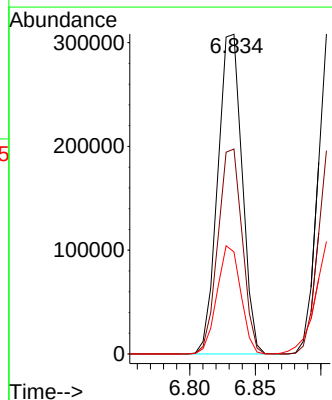
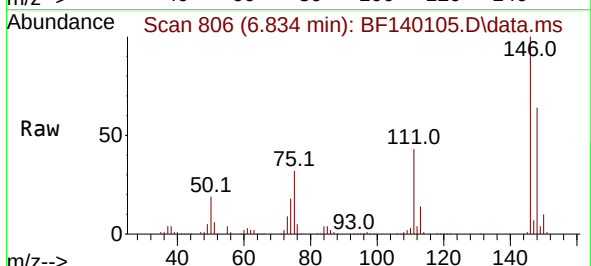
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

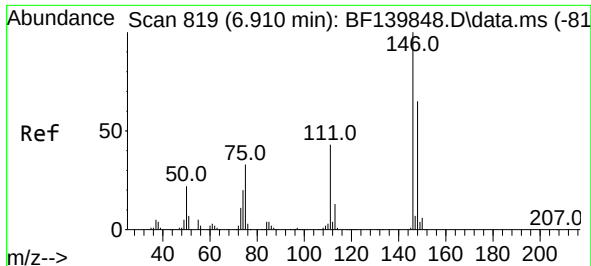
Tgt Ion: 93 Resp: 364756
Ion Ratio Lower Upper
93 100
63 86.2 65.0 105.0
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.557 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:146 Resp: 397732
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 31.9 26.4 39.6

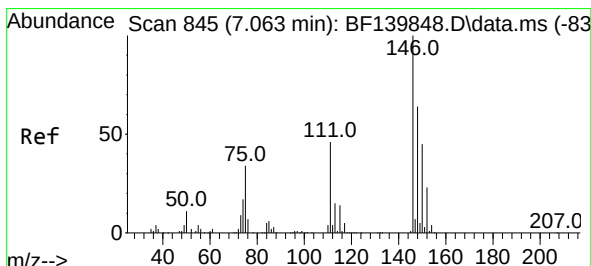
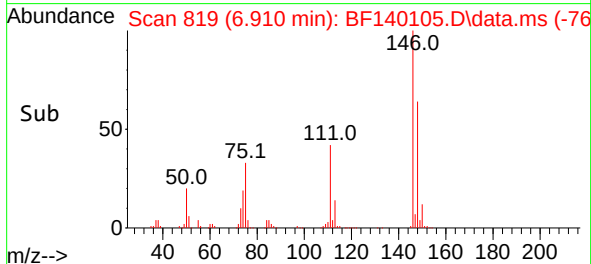
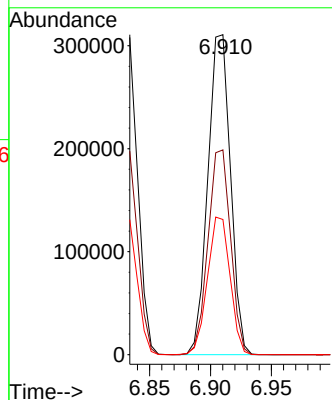
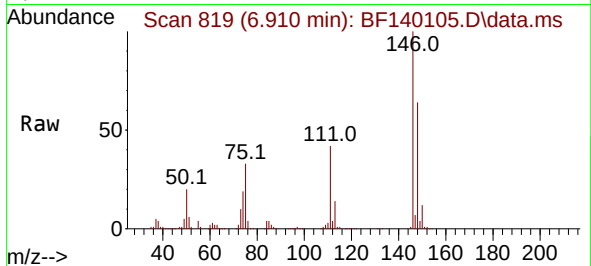




#13
1,4-Dichlorobenzene
Concen: 44.983 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

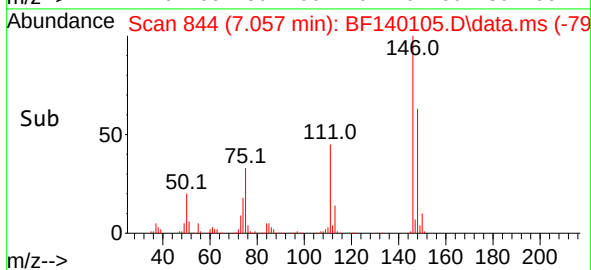
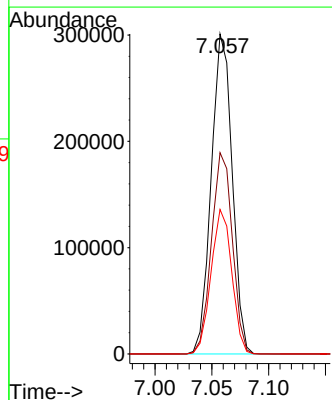
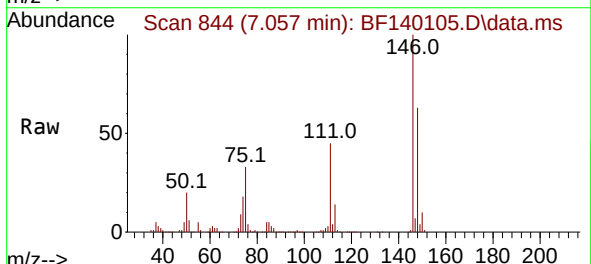
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

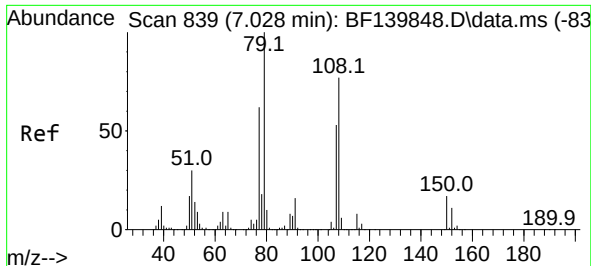
Tgt Ion:146 Resp: 401159
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 42.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.399 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:146 Resp: 386184
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.2
111 45.1 36.7 55.1

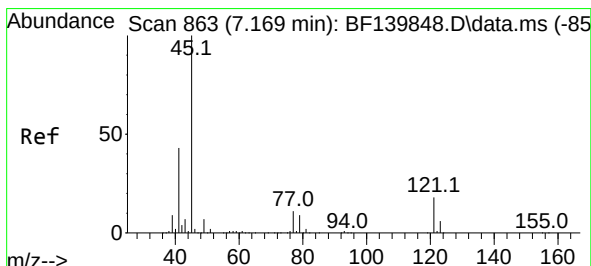
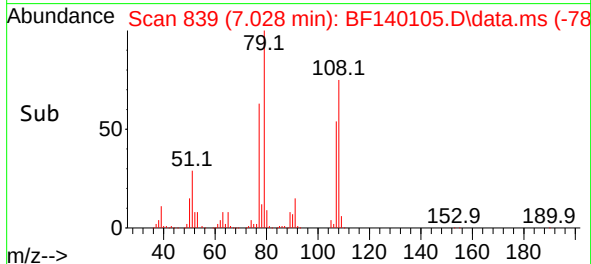
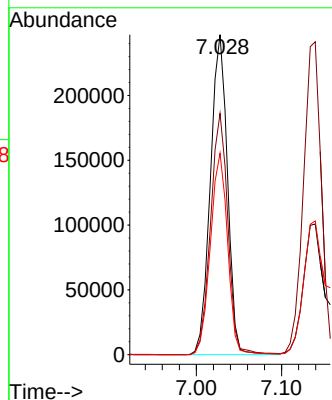
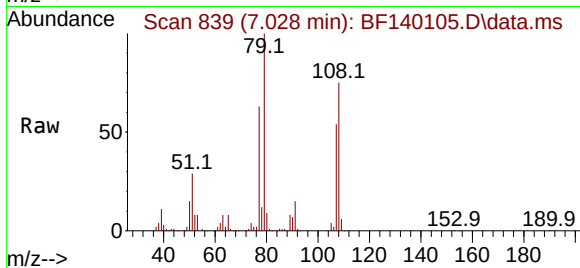




#15
Benzyl Alcohol
Concen: 47.694 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

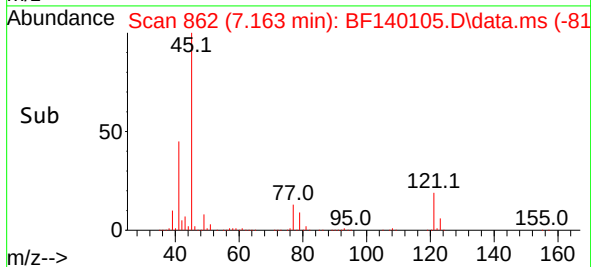
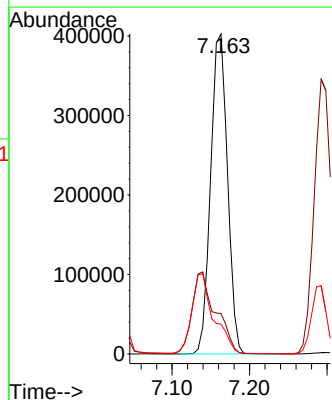
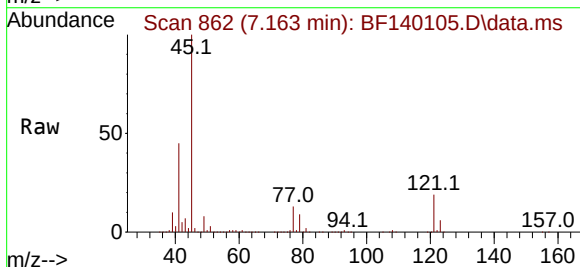
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

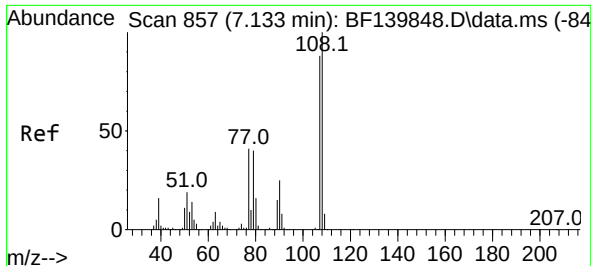
Tgt Ion: 79 Resp: 344664
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.356 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 45 Resp: 607117
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.3 0.0 29.1

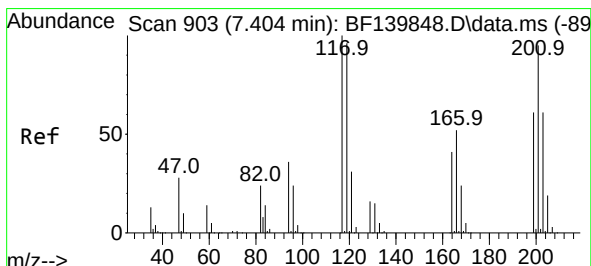
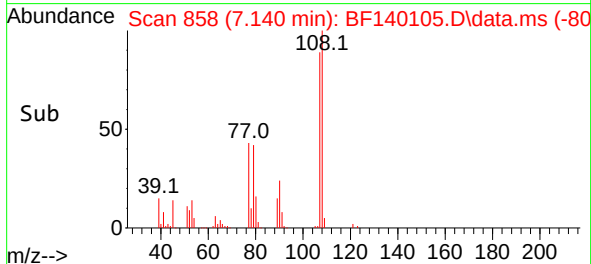
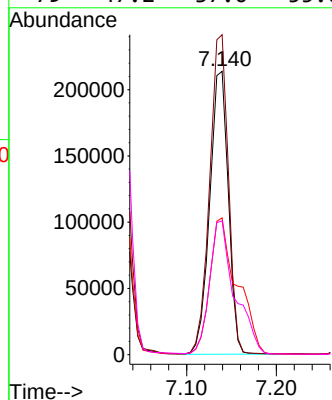
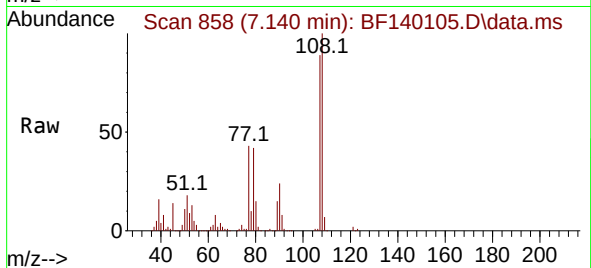




#17
2-Methylphenol
Concen: 46.436 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

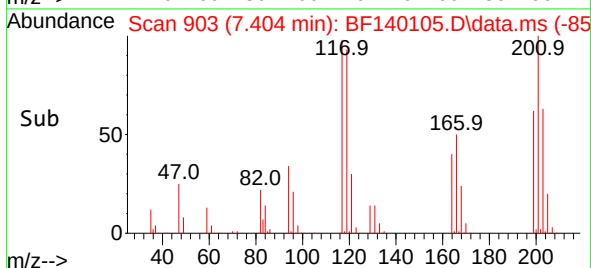
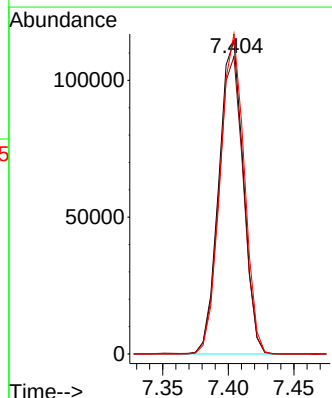
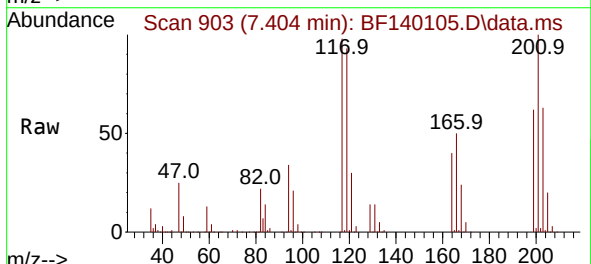
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

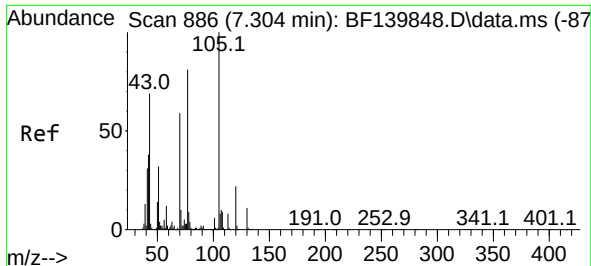
Tgt Ion:	107	Resp:	307900
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.3	136.9
77	48.2	37.1	55.7
79	47.2	37.0	55.6



#18
Hexachloroethane
Concen: 46.569 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:	117	Resp:	148095
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.4
201	102.3	76.2	114.4



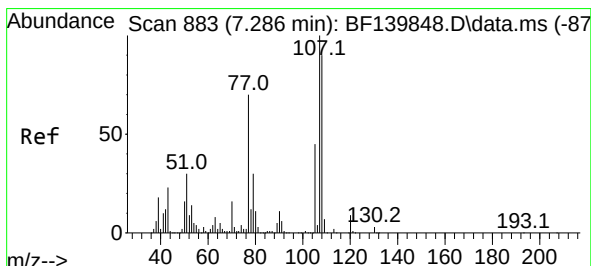
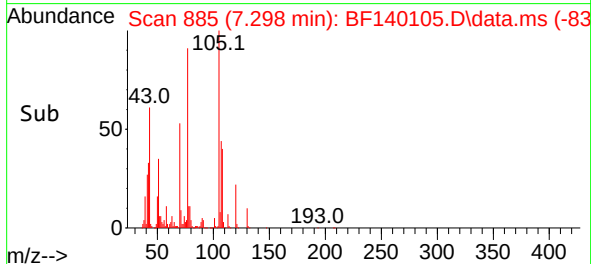
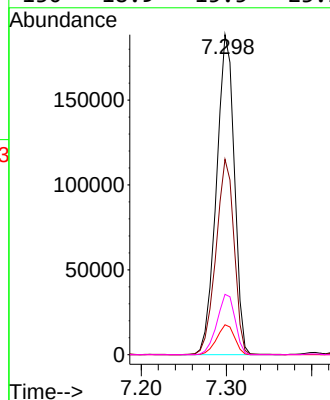
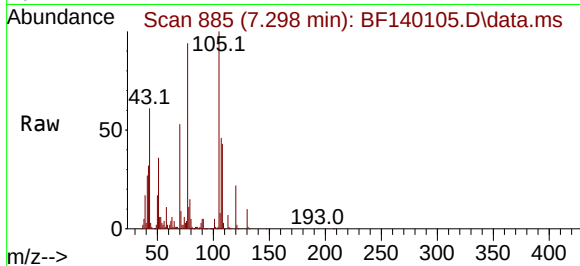


#19
n-Nitroso-di-n-propylamine
Concen: 46.236 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion: 70 Resp: 276260

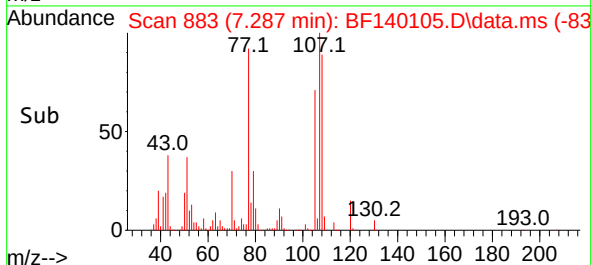
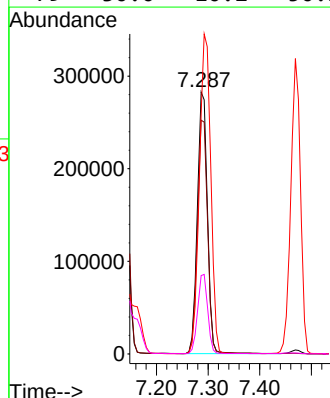
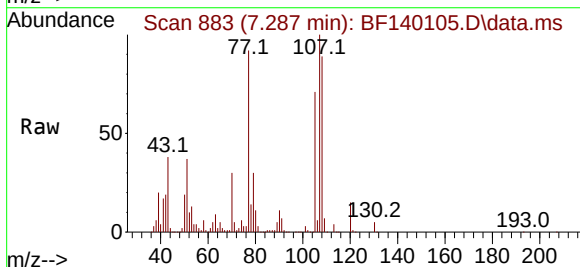
Ion	Ratio	Lower	Upper
70	100		
42	61.0	51.5	77.3
101	9.3	7.5	11.3
130	18.9	15.5	23.3

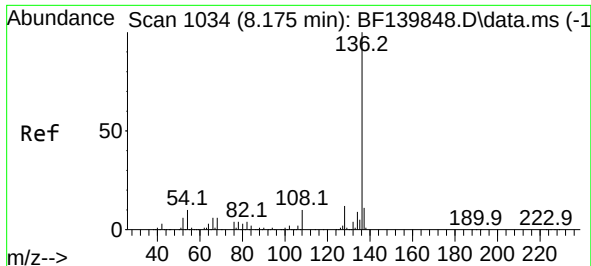


#20
3+4-Methylphenols
Concen: 44.939 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 107 Resp: 381132

Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.8	109.8
77	91.8	50.5	90.5#
79	30.0	10.2	50.2



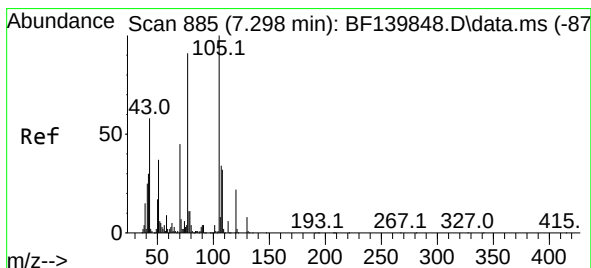
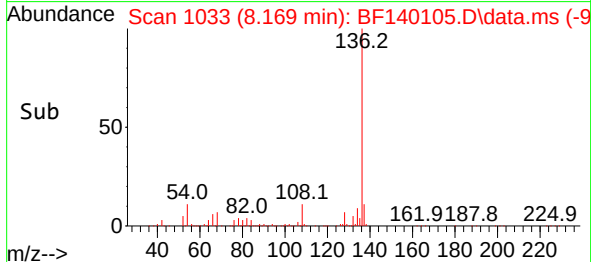
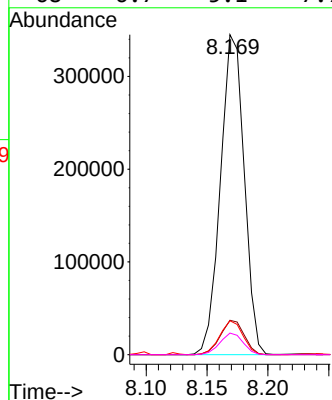
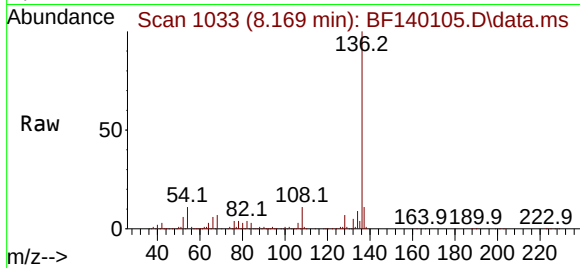


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion:136 Resp: 468695

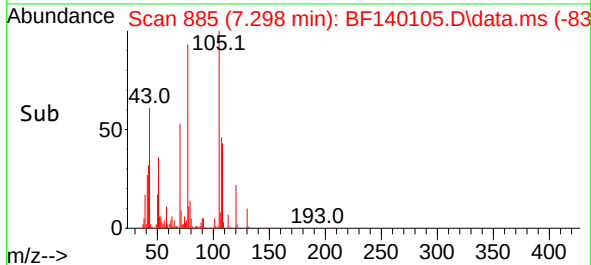
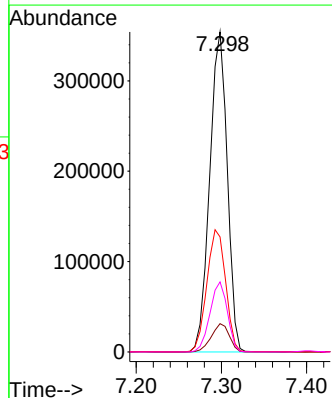
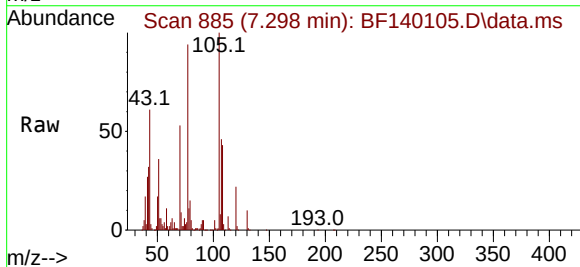
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7

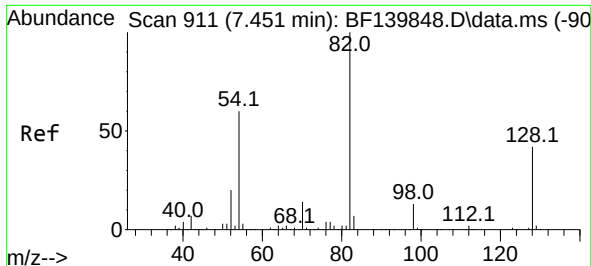


#22
Acetophenone
Concen: 44.135 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:105 Resp: 506664

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.9	8.9
51	36.0	29.4	44.2
120	21.9	17.5	26.3

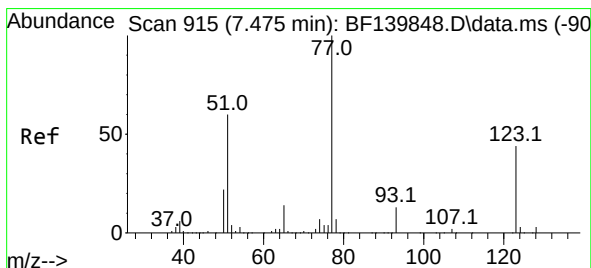
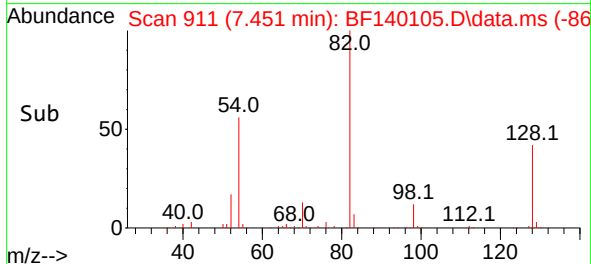
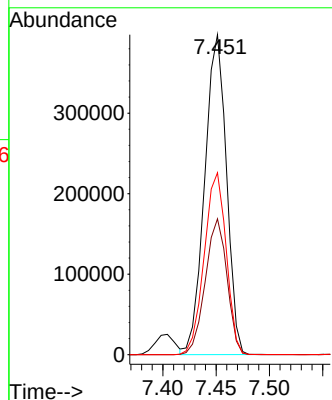
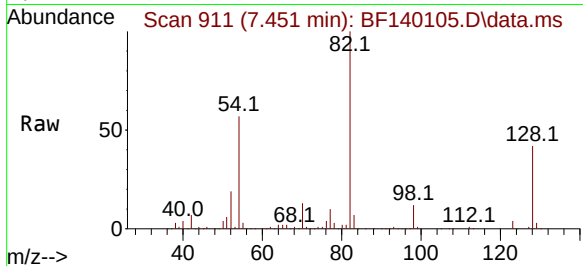




#23
Nitrobenzene-d5
Concen: 66.786 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

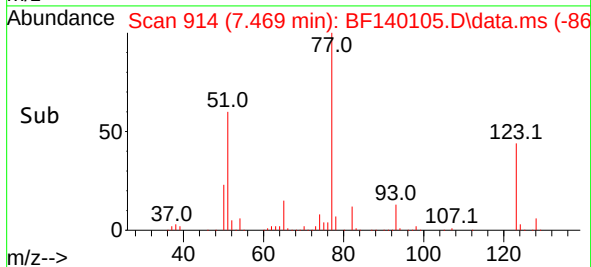
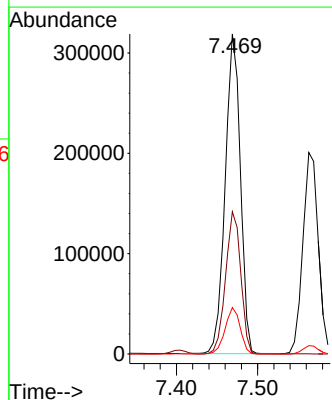
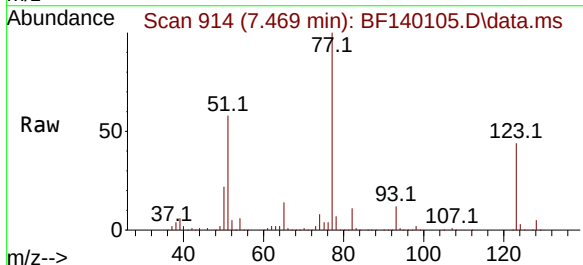
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

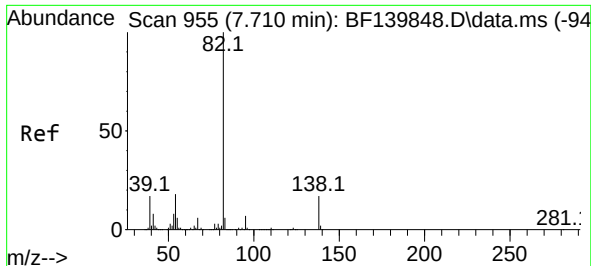
Tgt Ion: 82 Resp: 564781
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 56.9 47.8 71.8



#24
Nitrobenzene
Concen: 44.747 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 77 Resp: 414883
Ion Ratio Lower Upper
77 100
123 44.5 35.7 53.5
65 14.5 11.5 17.3

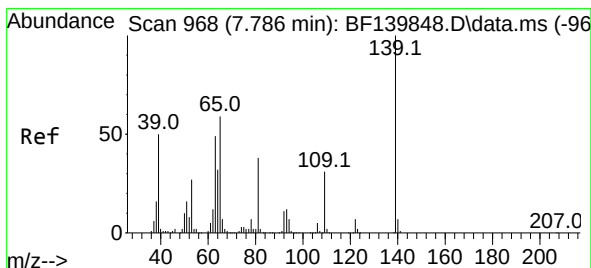
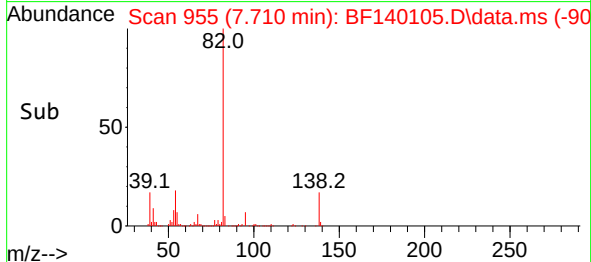
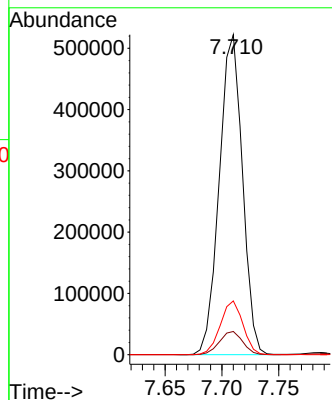
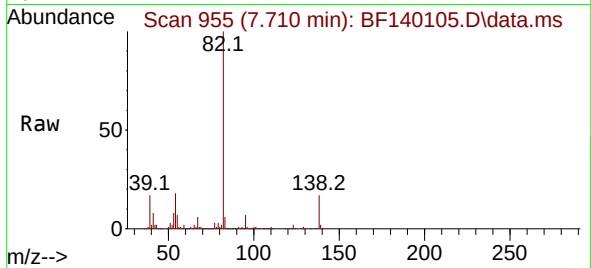




#25
Isophorone
Concen: 46.197 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

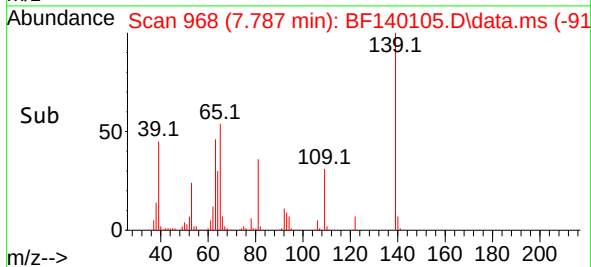
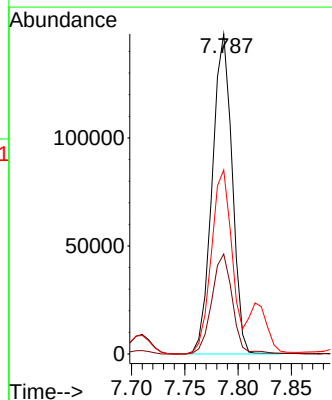
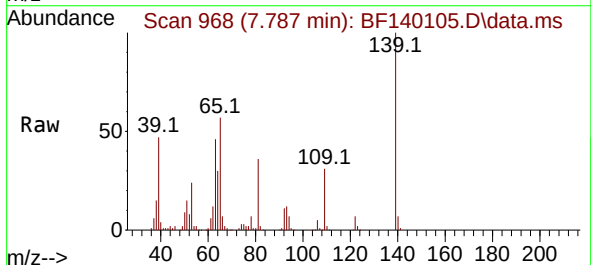
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

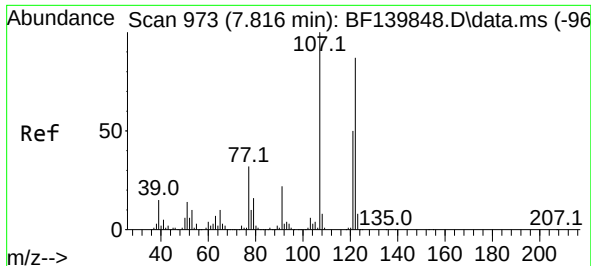
Tgt Ion: 82 Resp: 741496
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 55.018 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:139 Resp: 192444
Ion Ratio Lower Upper
139 100
109 31.3 25.1 37.7
65 57.5 47.5 71.3

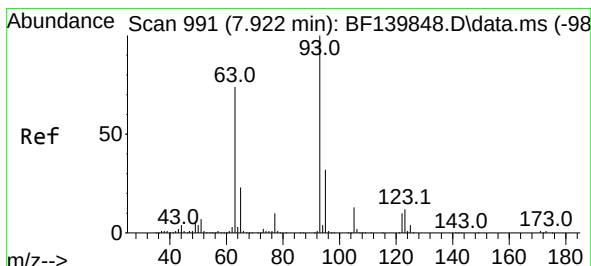
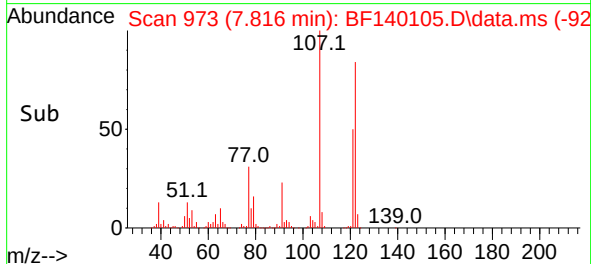
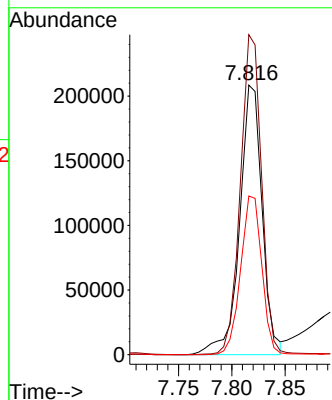
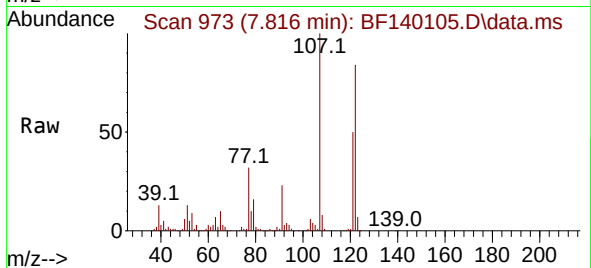




#27
2,4-Dimethylphenol
Concen: 52.588 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

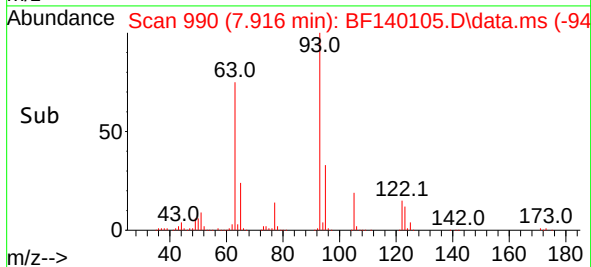
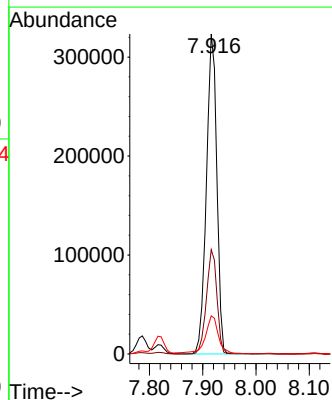
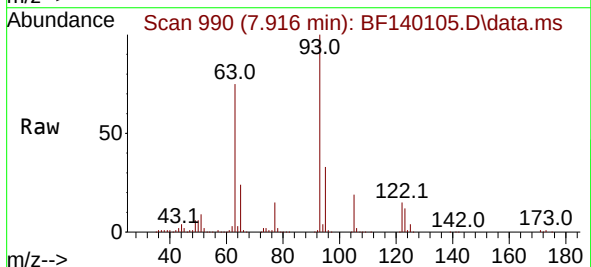
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

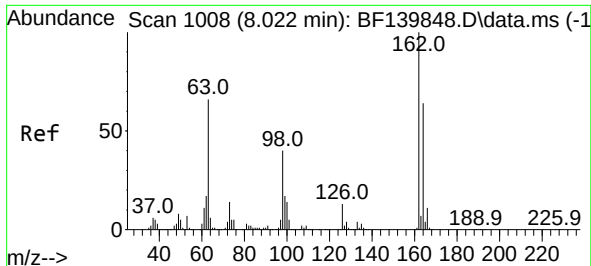
Tgt Ion:122 Resp: 306717
Ion Ratio Lower Upper
122 100
107 118.7 91.9 137.9
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.361 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 93 Resp: 441117
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.132 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

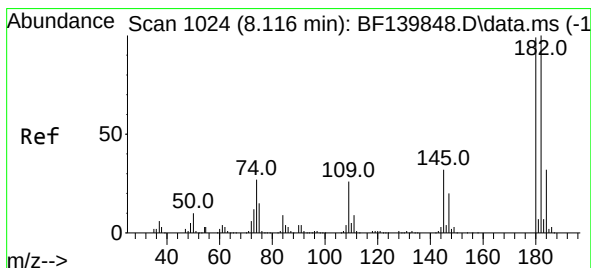
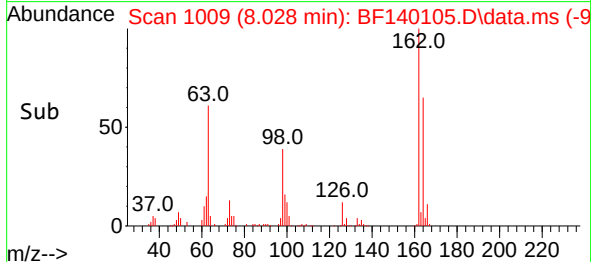
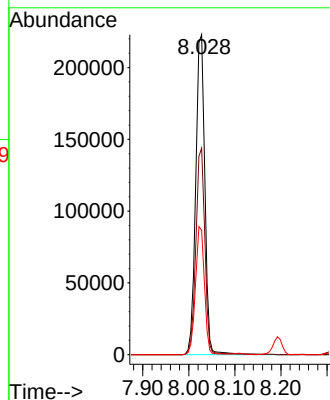
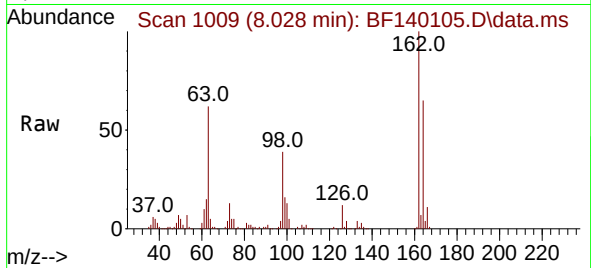
Tgt Ion:162 Resp: 306470

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 39.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.891 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

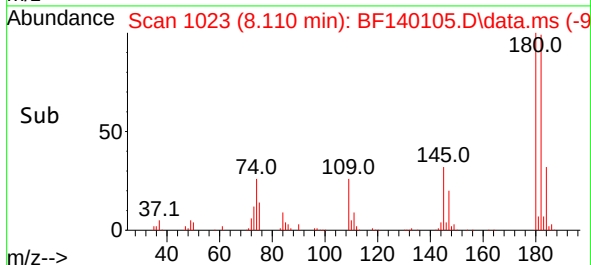
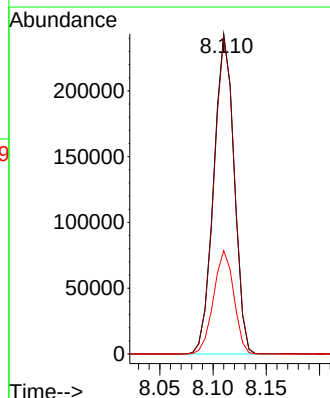
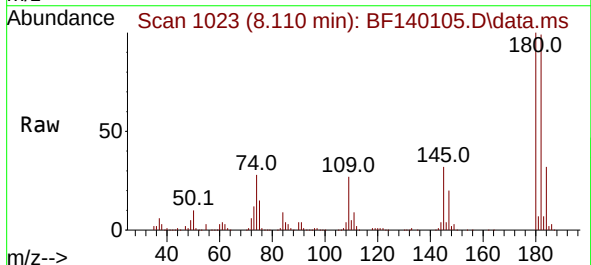
Tgt Ion:180 Resp: 322636

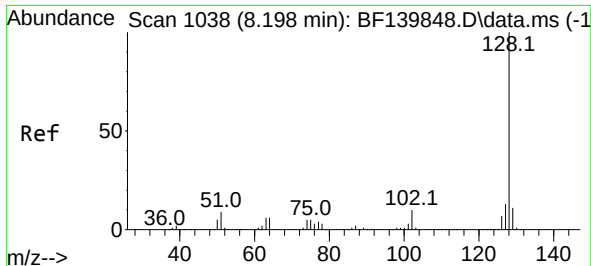
Ion Ratio Lower Upper

180 100

182 99.3 80.5 120.7

145 32.3 25.4 38.0

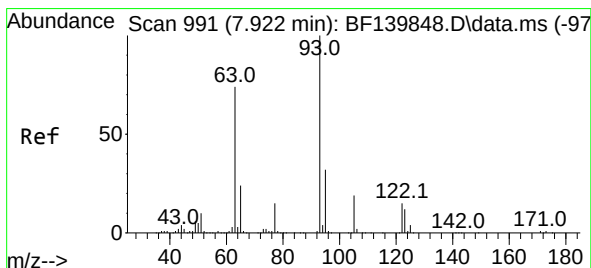
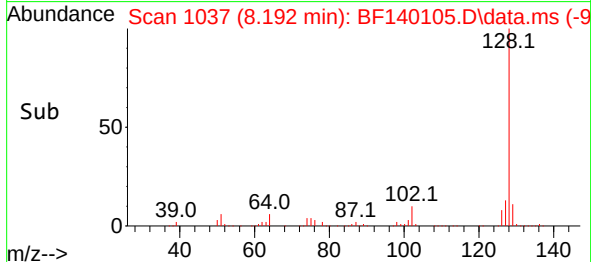
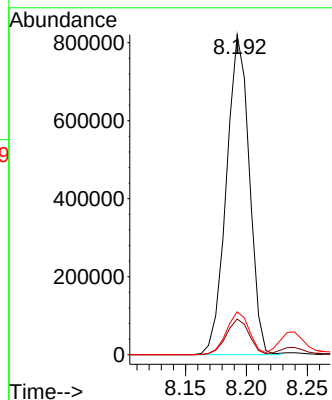
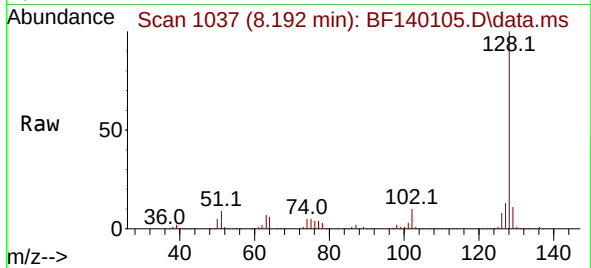




#31
Naphthalene
Concen: 44.423 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

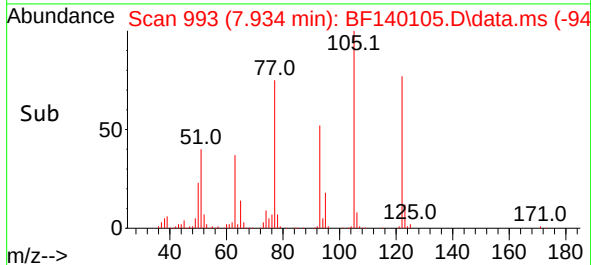
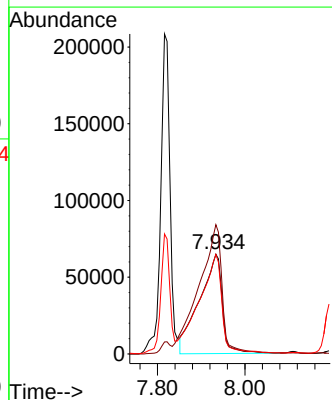
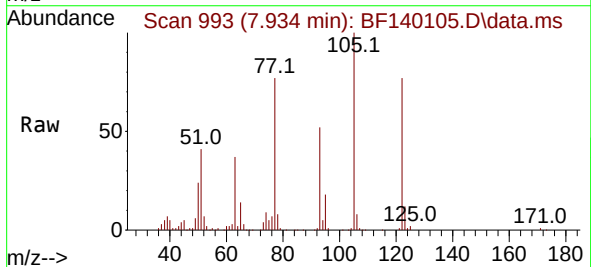
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

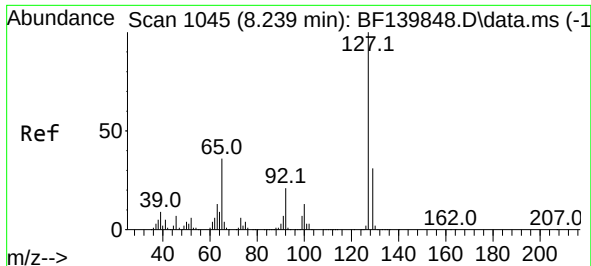
Tgt Ion:128 Resp: 1073825
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 46.443 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:122 Resp: 236255
Ion Ratio Lower Upper
122 100
105 129.6 107.6 147.6
77 99.7 80.2 120.2

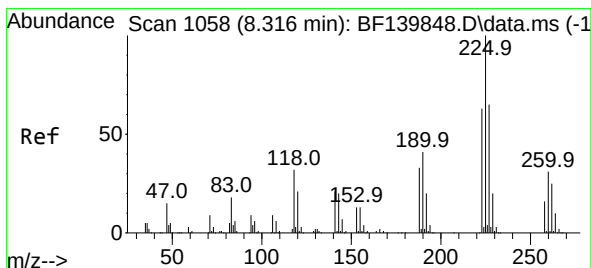
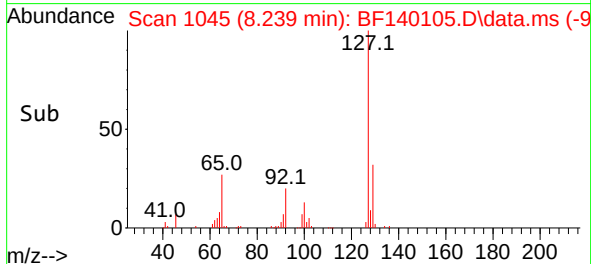
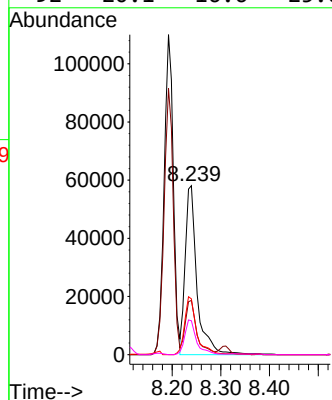
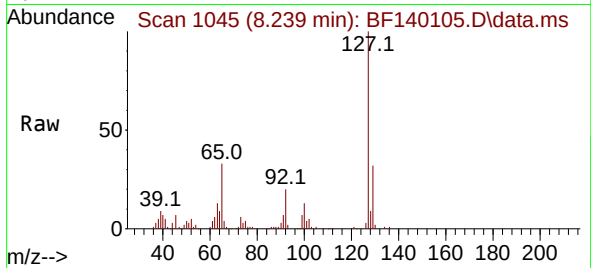




#33
4-Chloroaniline
Concen: 11.948 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

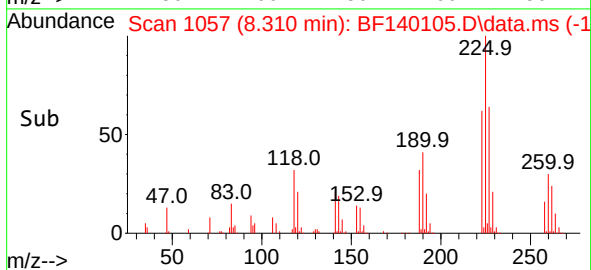
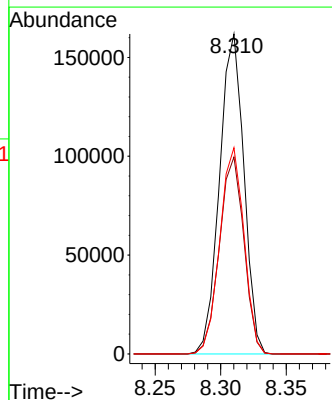
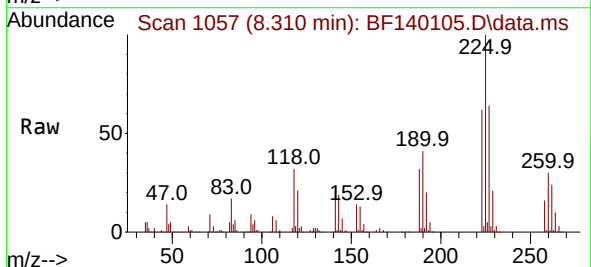
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

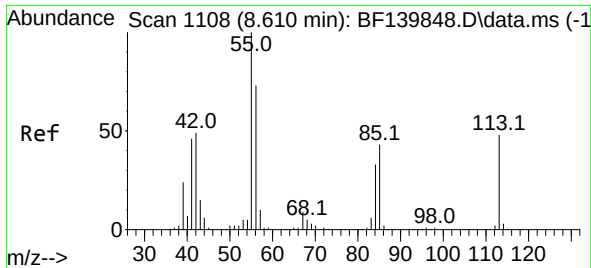
Tgt Ion:	127	Resp:	98478
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.4	38.2
65	33.0	28.4	42.6
92	20.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.293 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:	225	Resp:	209194
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	76.0
227	64.4	51.8	77.8

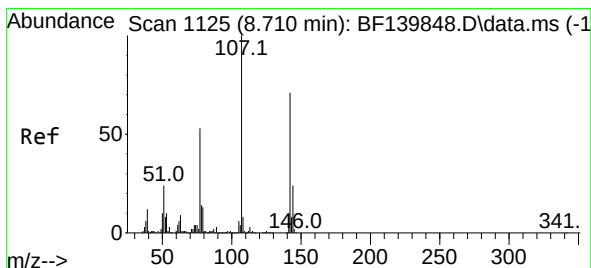
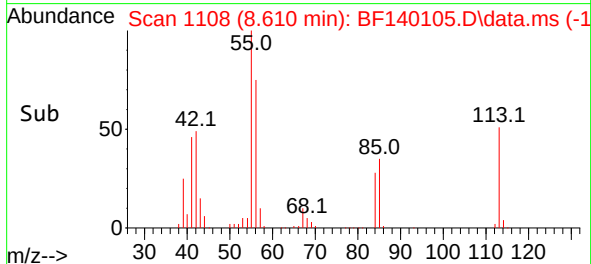
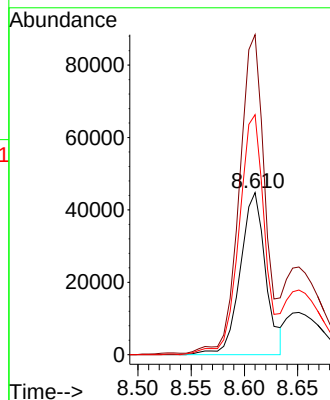
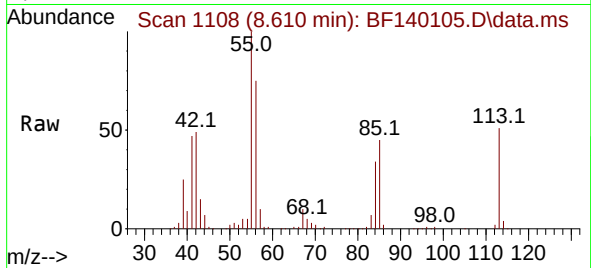




#35
 Caprolactam
 Concen: 35.128 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140105.D
 Acq: 29 Oct 2024 12:02

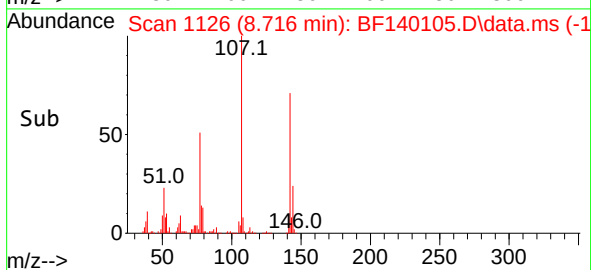
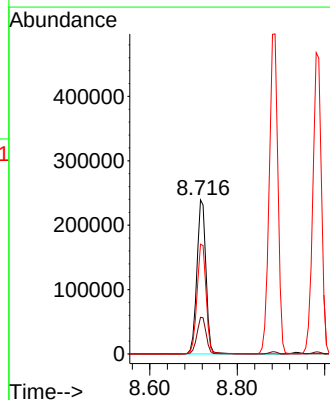
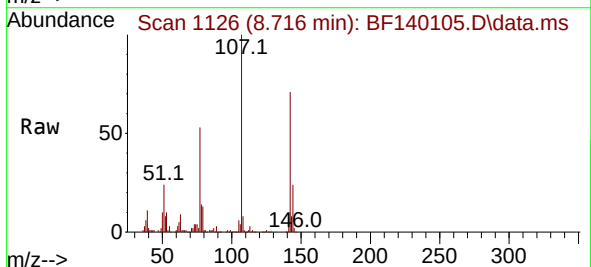
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MS

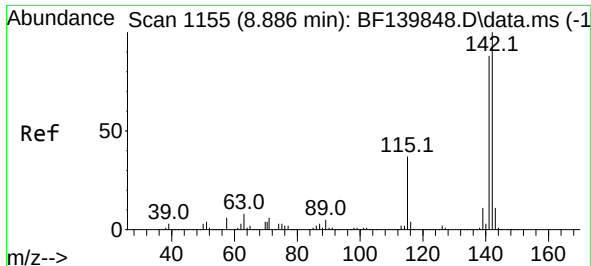
Tgt Ion:113 Resp: 74203
 Ion Ratio Lower Upper
 113 100
 55 197.4 189.2 229.2
 56 148.0 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.962 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140105.D
 Acq: 29 Oct 2024 12:02

Tgt Ion:107 Resp: 345453
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.1 28.7
 142 71.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.037 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

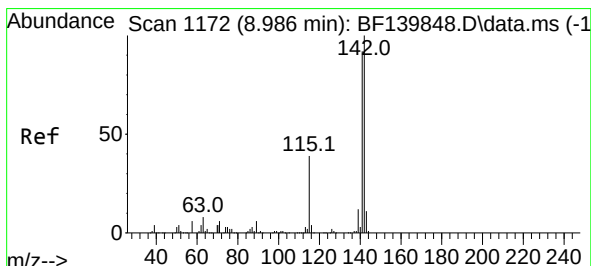
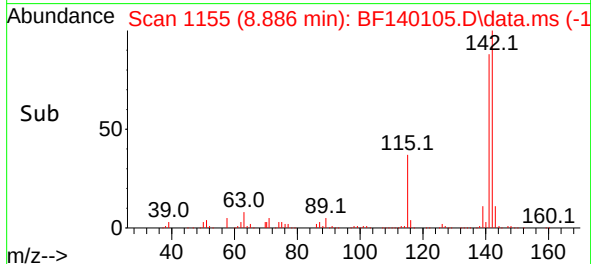
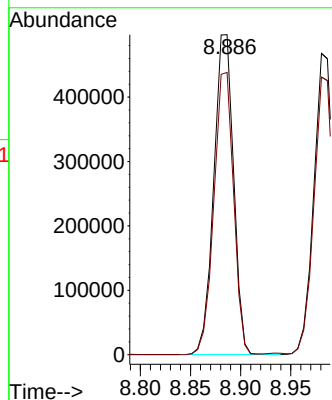
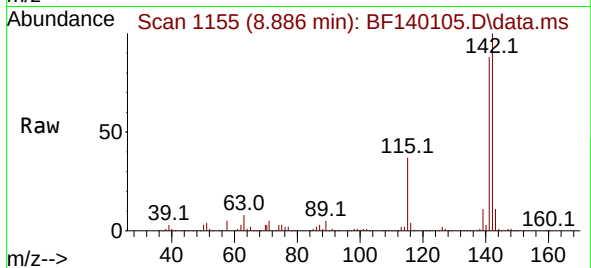
BP-F-18MS

Tgt Ion:142 Resp: 681541

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.725 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140105.D

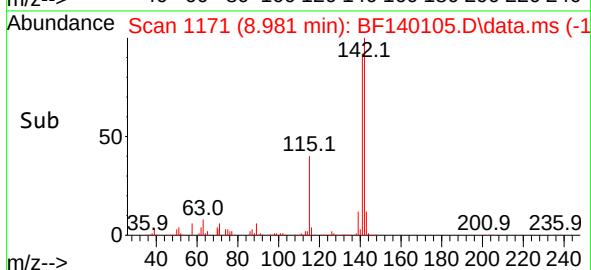
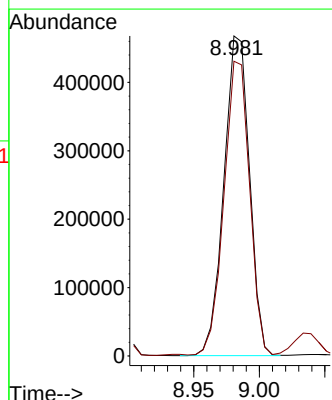
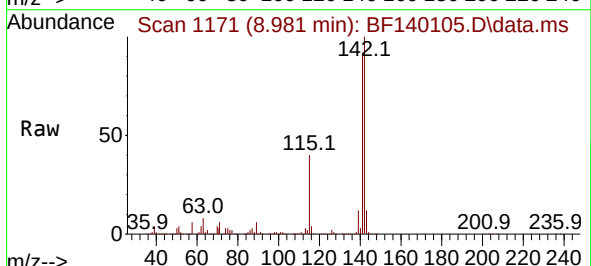
Acq: 29 Oct 2024 12:02

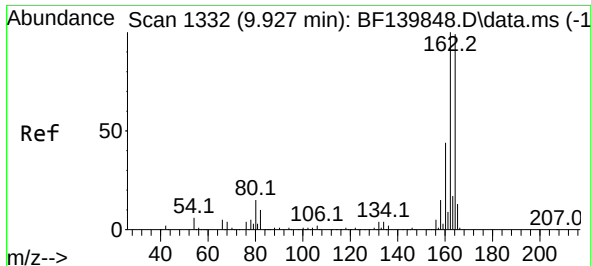
Tgt Ion:142 Resp: 635082

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

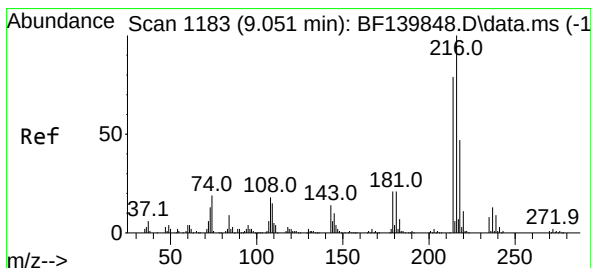
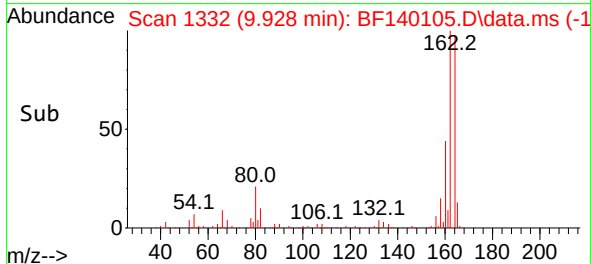
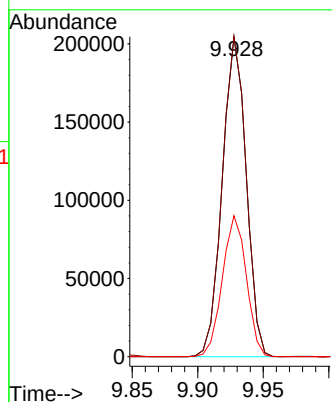
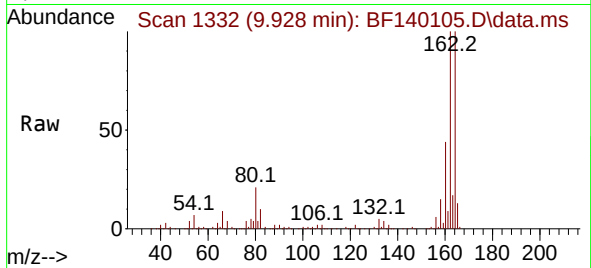




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

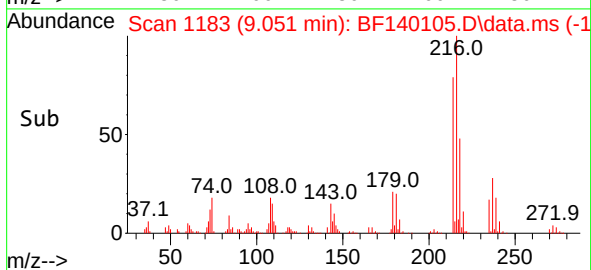
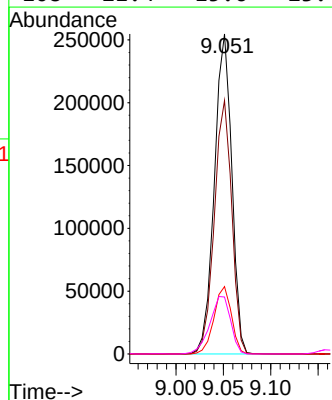
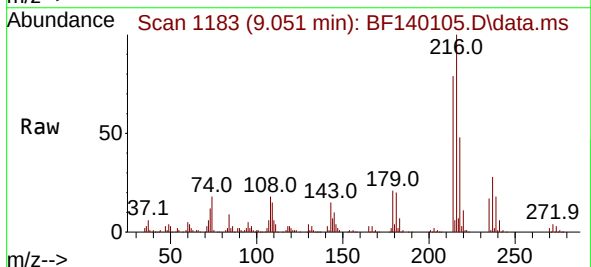
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

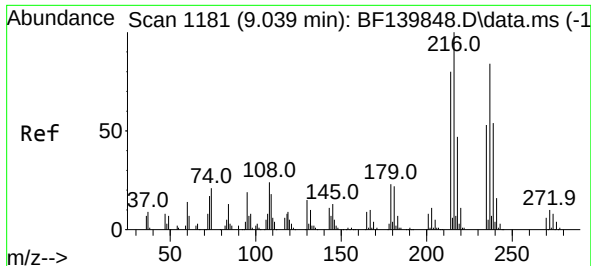
Tgt Ion:164 Resp: 258838
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.603 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:216 Resp: 325431
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.2 17.2 25.8
108 21.4 15.6 23.4

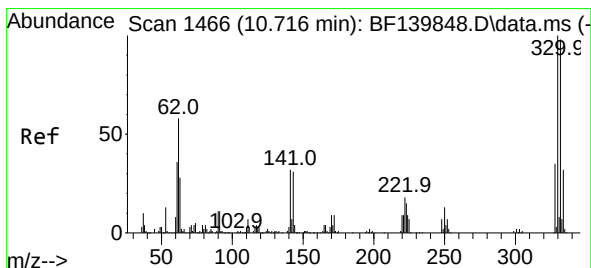
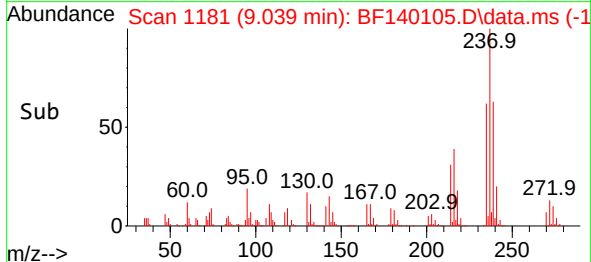
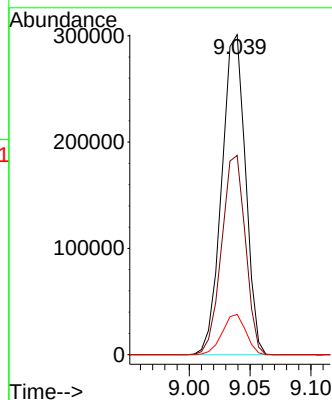
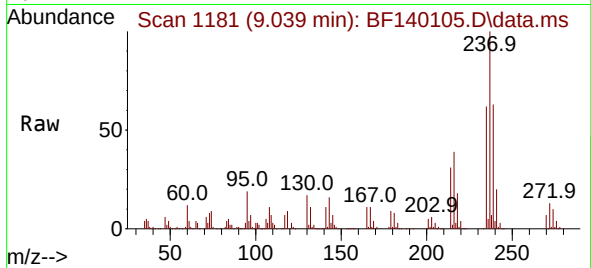




#41
Hexachlorocyclopentadiene
Concen: 167.908 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

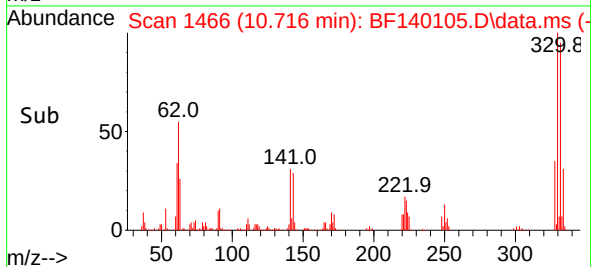
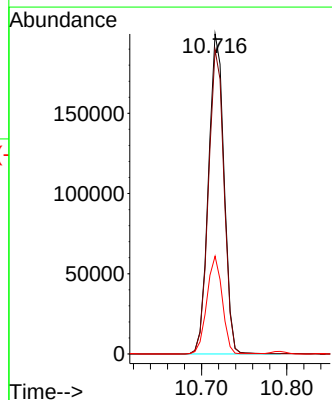
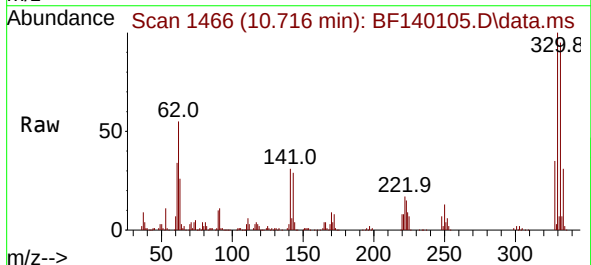
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

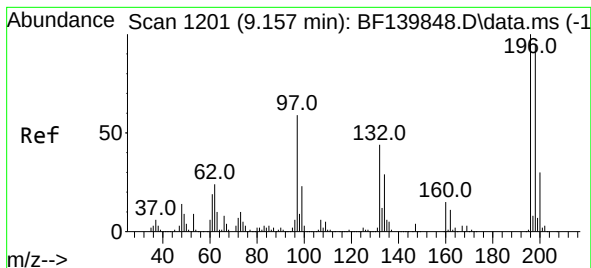
Tgt Ion: 237 Resp: 407976
Ion Ratio Lower Upper
237 100
235 62.2 42.9 82.9
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 104.419 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 330 Resp: 252807
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 30.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.305 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

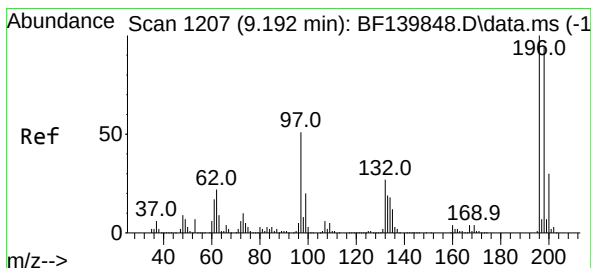
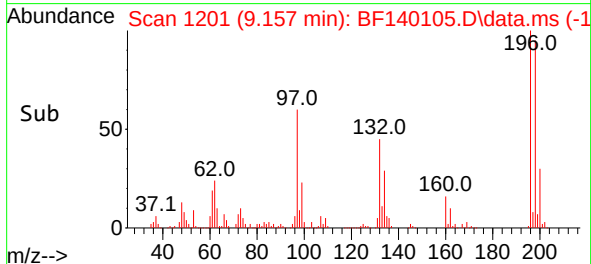
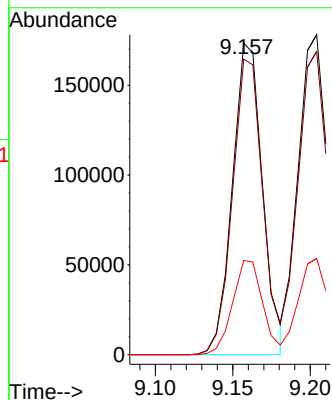
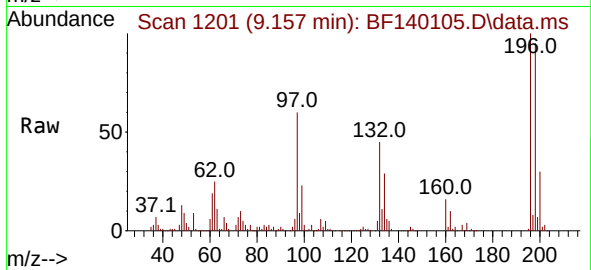
Tgt Ion:196 Resp: 233871

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.804 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion:196 Resp: 238739

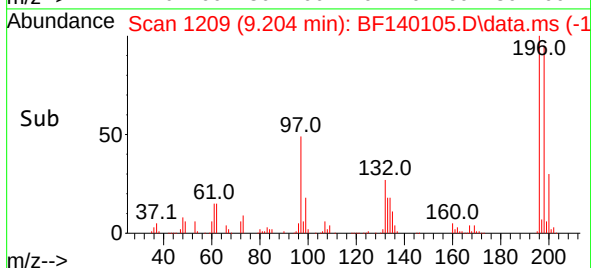
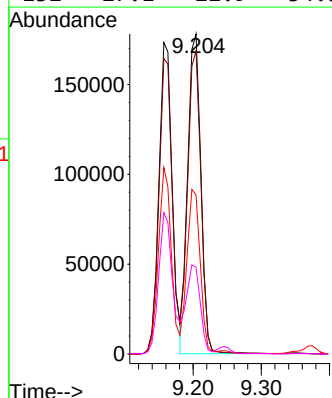
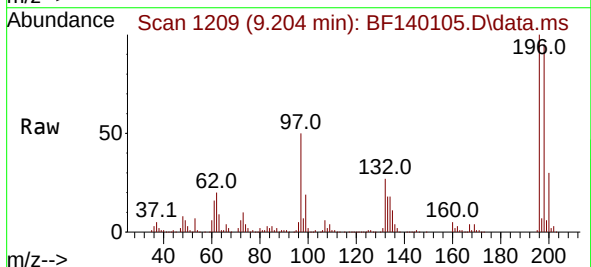
Ion Ratio Lower Upper

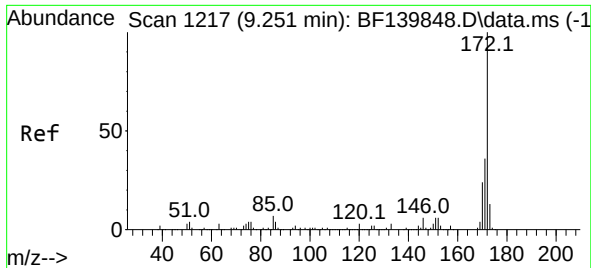
196 100

198 94.8 75.8 113.6

97 49.7 41.8 62.6

132 27.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 65.658 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

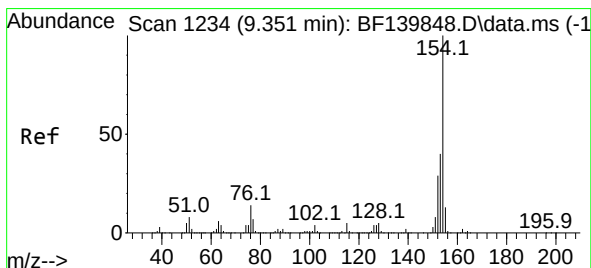
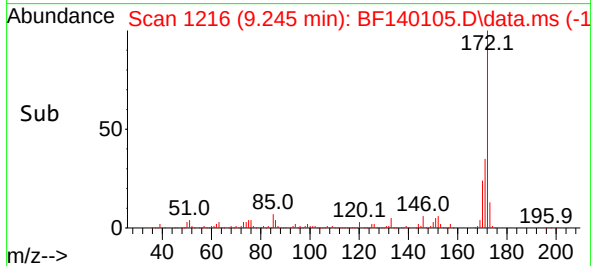
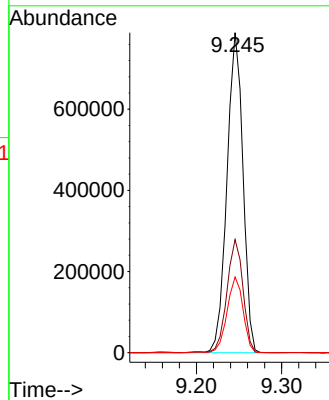
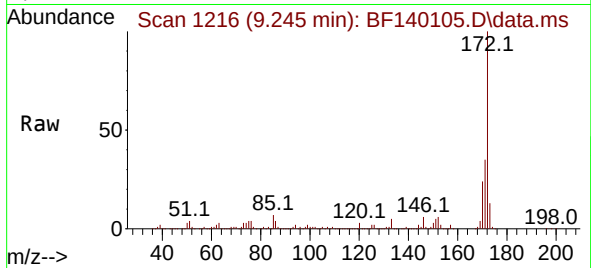
Tgt Ion:172 Resp: 1028299

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.616 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

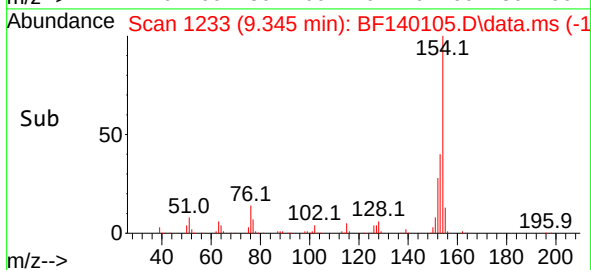
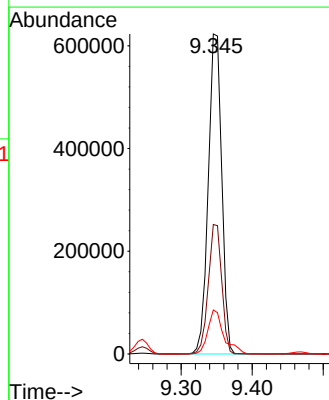
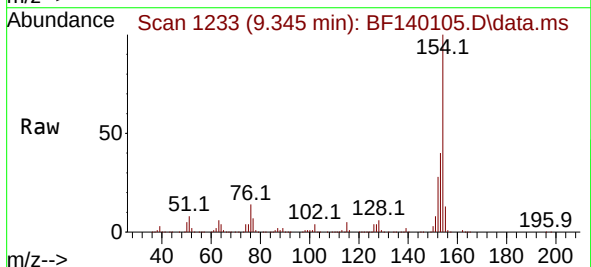
Tgt Ion:154 Resp: 821944

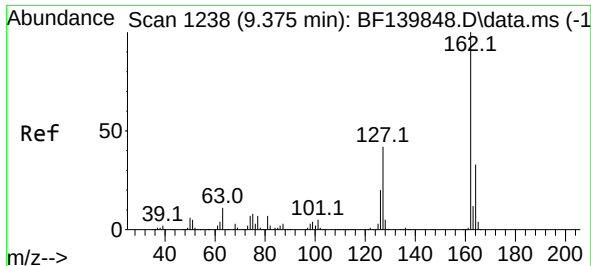
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.186 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

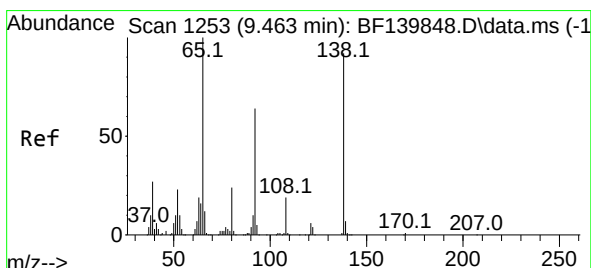
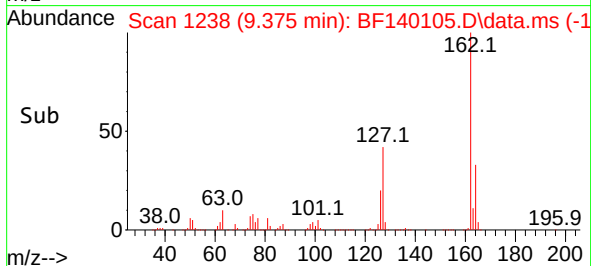
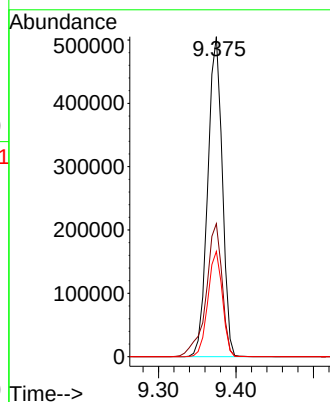
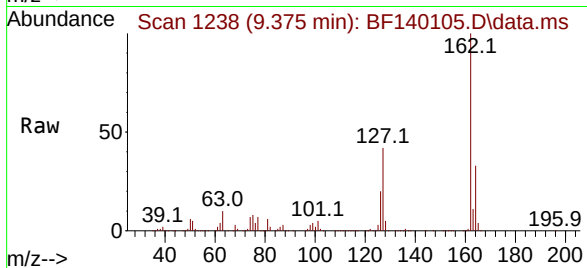
Tgt Ion:162 Resp: 655768

Ion Ratio Lower Upper

162 100

127 41.6 33.8 50.6

164 32.9 26.6 39.8



#48

2-Nitroaniline

Concen: 51.314 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

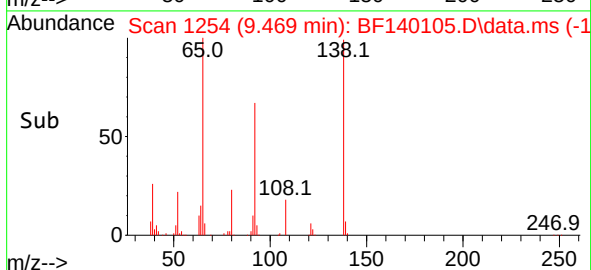
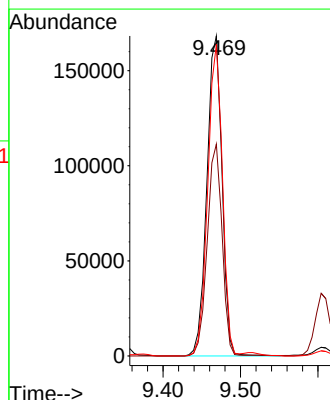
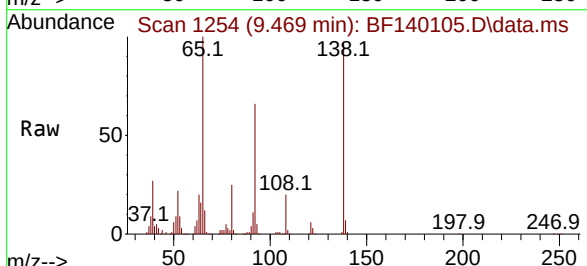
Tgt Ion: 65 Resp: 227765

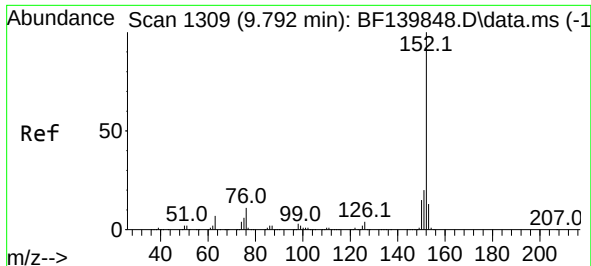
Ion Ratio Lower Upper

65 100

92 66.2 50.9 76.3

138 97.3 73.4 110.0





#49

Acenaphthylene

Concen: 48.778 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

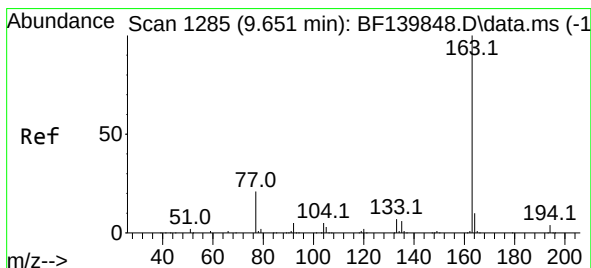
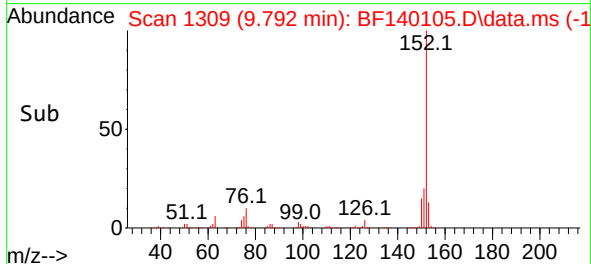
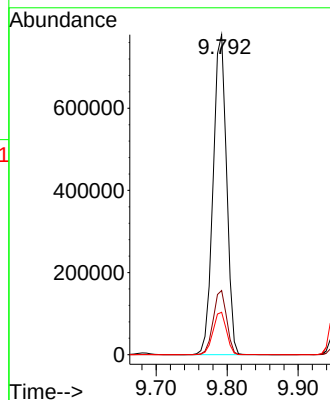
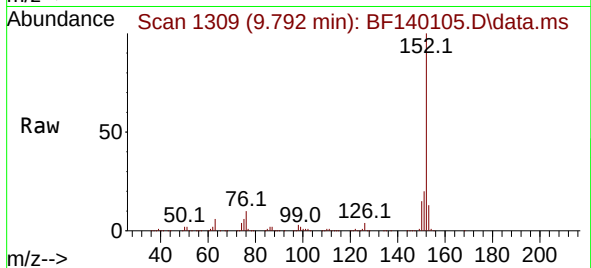
Tgt Ion:152 Resp: 1023418

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 48.106 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

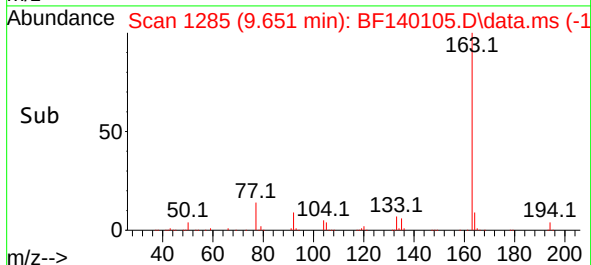
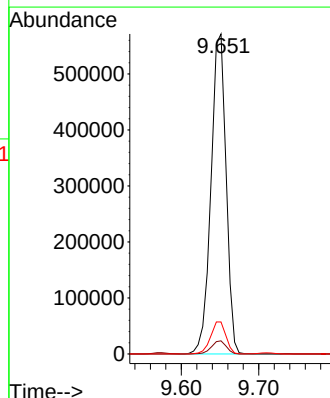
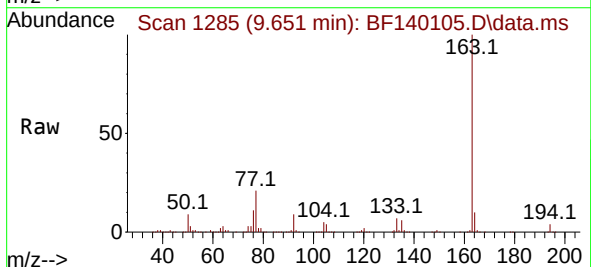
Tgt Ion:163 Resp: 775588

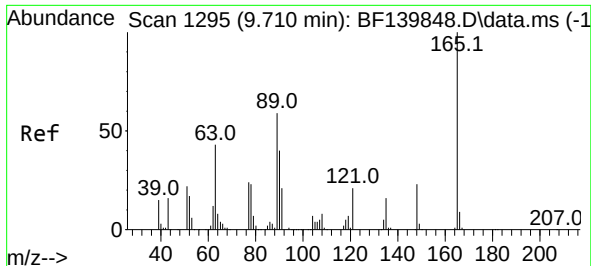
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.0 8.2 12.2

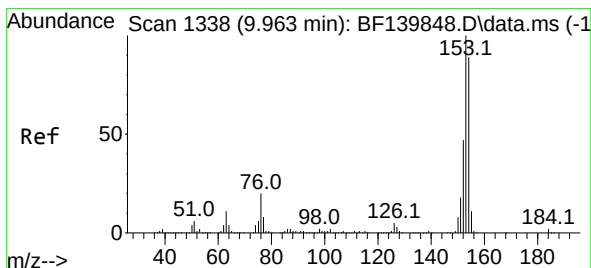
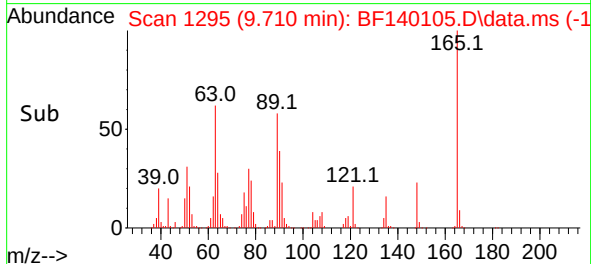
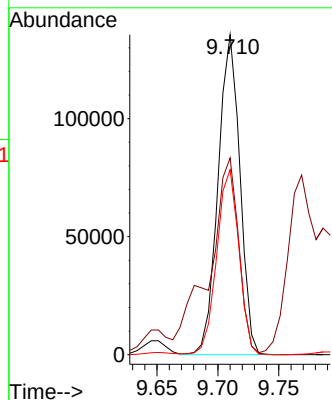
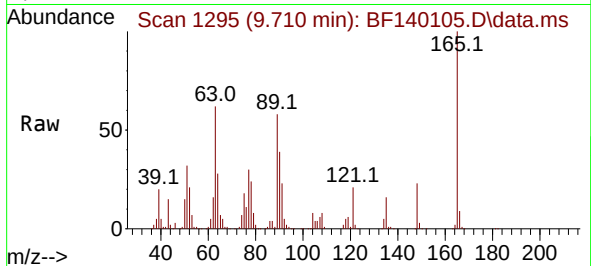




#51
2,6-Dinitrotoluene
Concen: 48.415 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

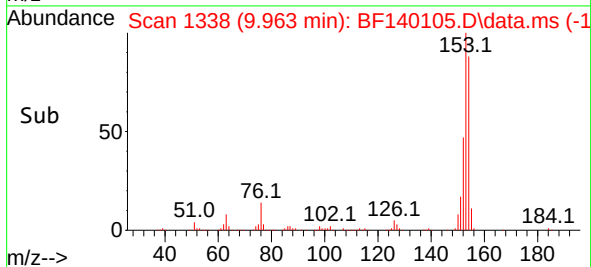
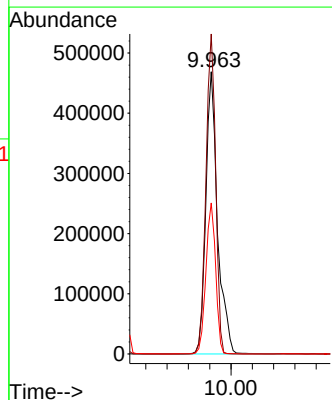
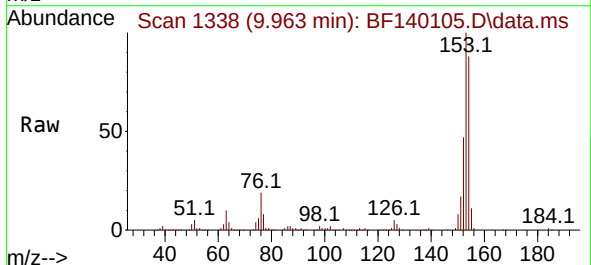
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

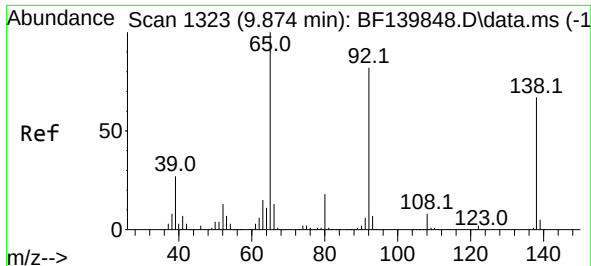
Tgt Ion:165 Resp: 169010
Ion Ratio Lower Upper
165 100
63 61.5 50.6 75.8
89 57.8 47.5 71.3



#52
Acenaphthene
Concen: 52.838 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:154 Resp: 717149
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 53.5 42.4 63.6

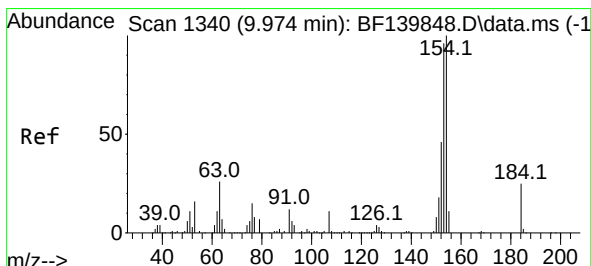
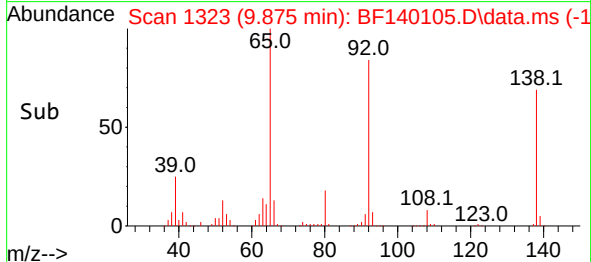
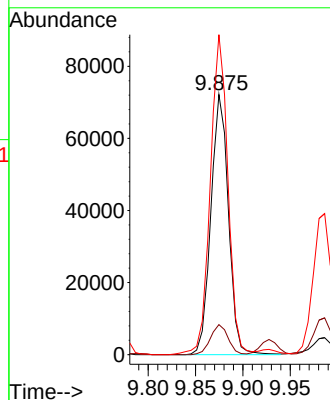
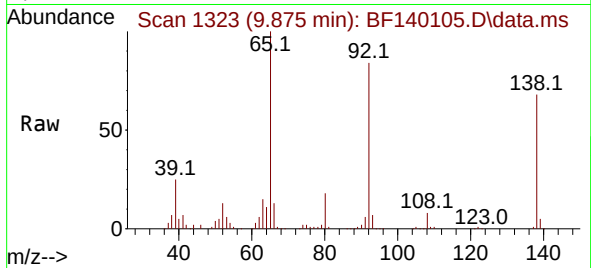




#53
3-Nitroaniline
Concen: 25.915 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

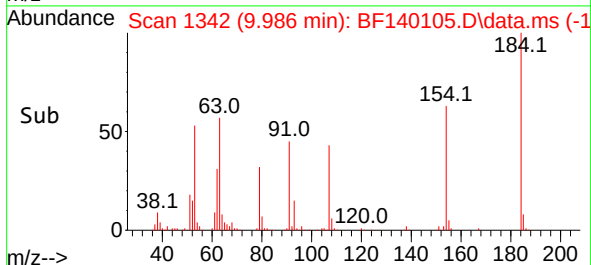
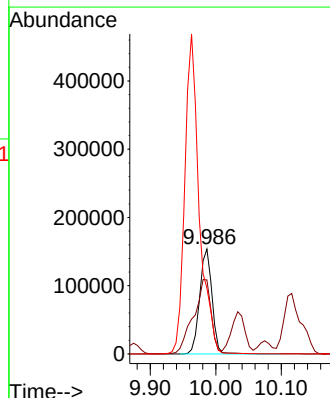
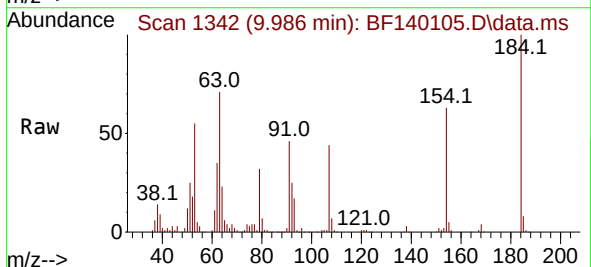
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

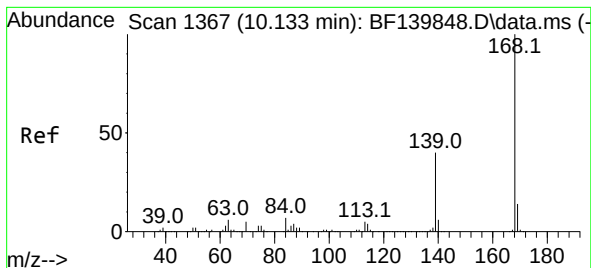
Tgt Ion:138 Resp: 93290
Ion Ratio Lower Upper
138 100
108 11.6 10.2 15.2
92 123.0 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 134.403 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:184 Resp: 201945
Ion Ratio Lower Upper
184 100
63 70.6 84.7 127.1#
154 62.6 338.2 507.2#





#55

Dibenzofuran

Concen: 46.431 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

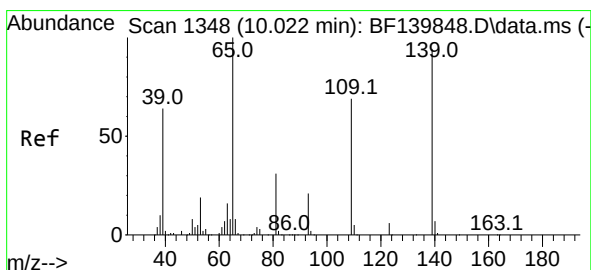
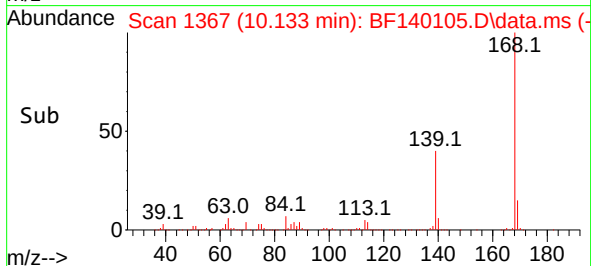
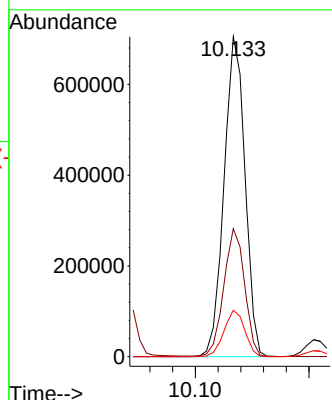
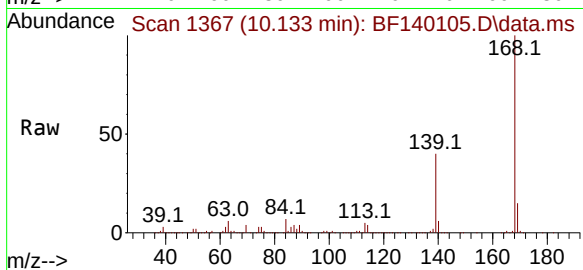
Tgt Ion:168 Resp: 904160

Ion Ratio Lower Upper

168 100

139 40.0 31.8 47.6

169 14.5 11.6 17.4



#56

4-Nitrophenol

Concen: 98.511 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

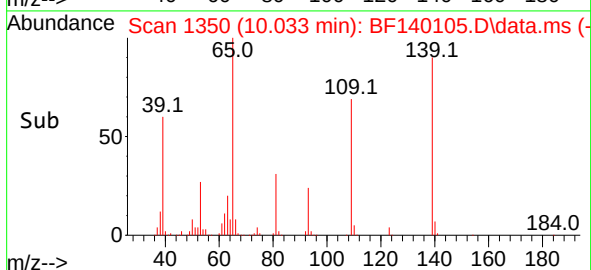
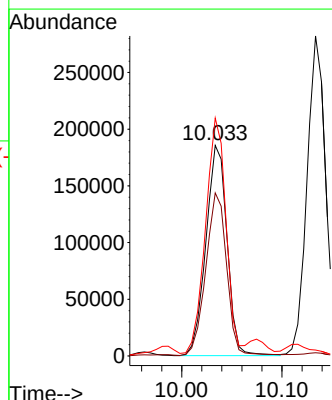
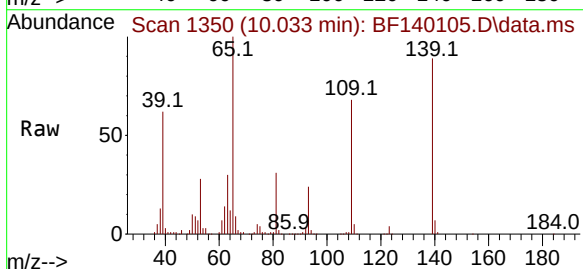
Tgt Ion:139 Resp: 272837

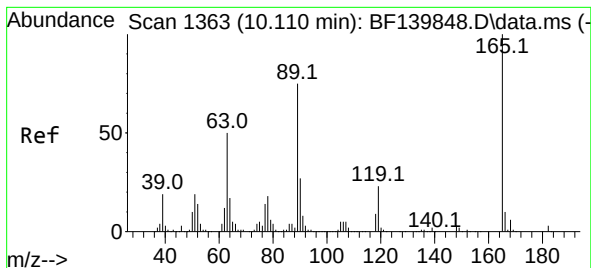
Ion Ratio Lower Upper

139 100

109 77.4 53.6 93.6

65 113.0 87.8 127.8

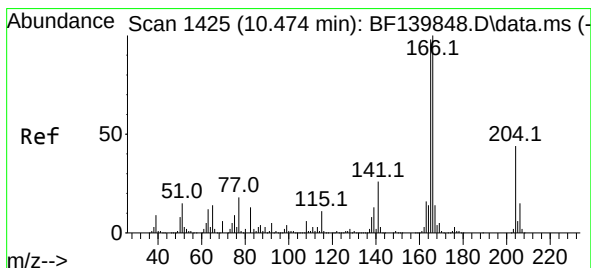
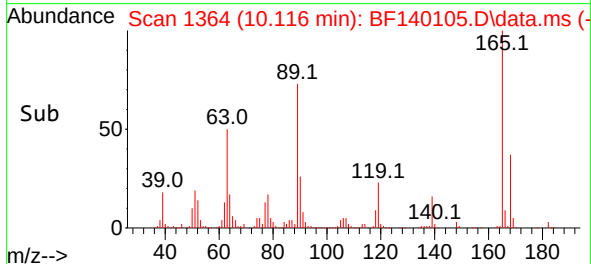
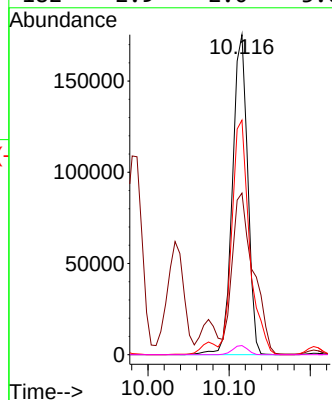
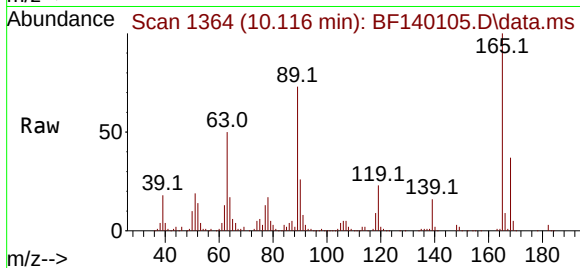




#57
2,4-Dinitrotoluene
Concen: 53.087 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

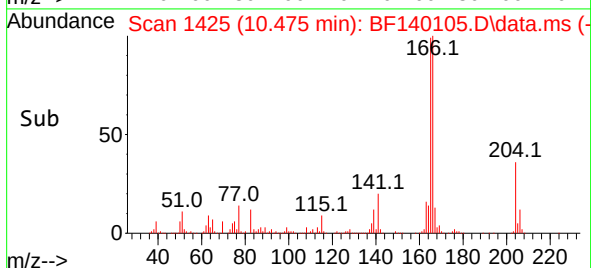
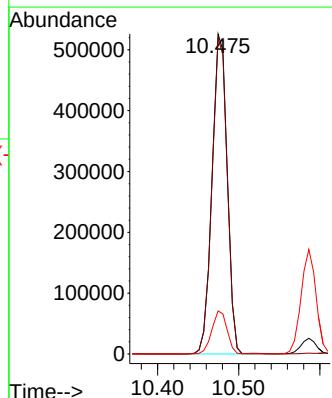
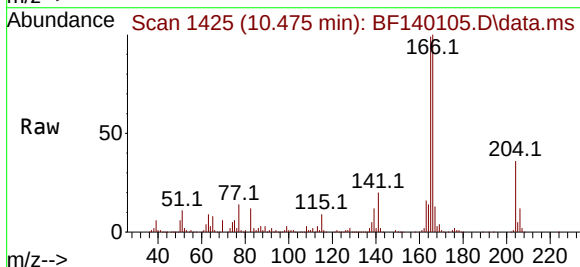
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

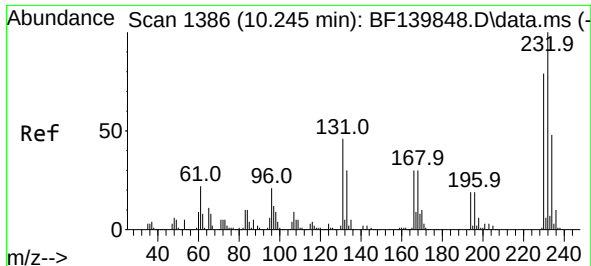
Tgt Ion:165 Resp: 227892
Ion Ratio Lower Upper
165 100
63 50.5 40.1 60.1
89 73.3 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 45.973 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:166 Resp: 681871
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.5 10.9 16.3

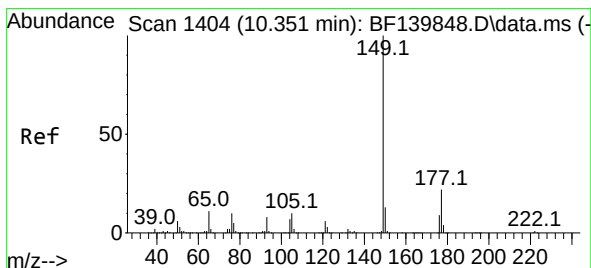
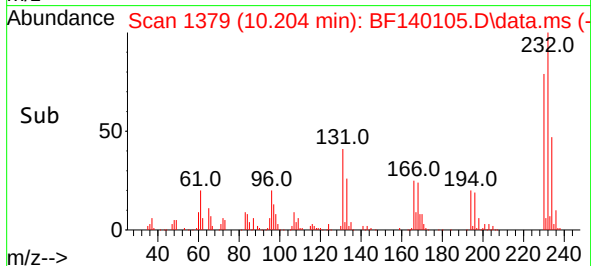
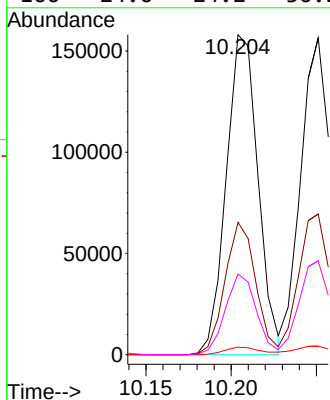
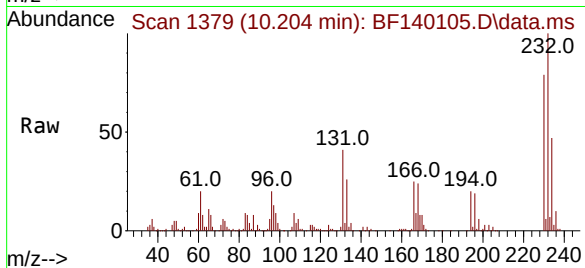




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.285 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

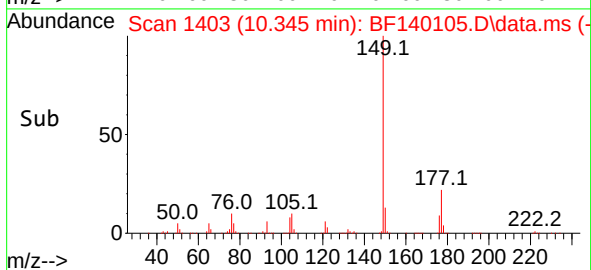
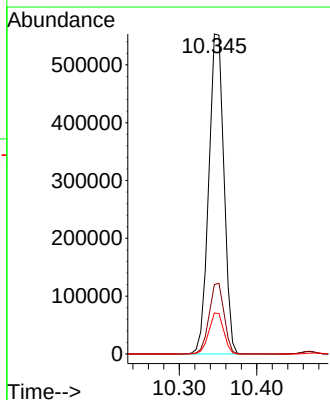
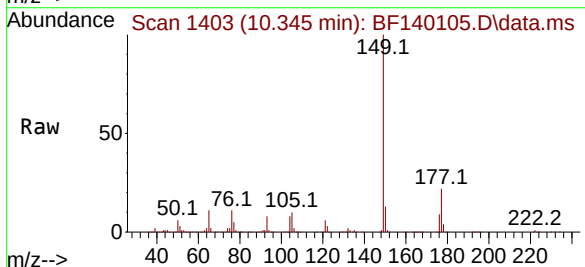
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

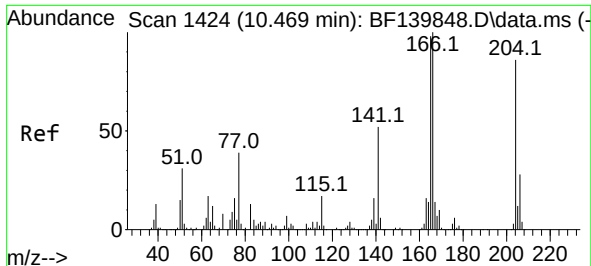
Tgt Ion:232 Resp: 205072
Ion Ratio Lower Upper
232 100
131 40.1 37.0 55.6
130 2.7 1.9 2.9
166 24.6 24.2 36.2



#60
Diethylphthalate
Concen: 47.411 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:149 Resp: 750506
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.8 10.1 15.1

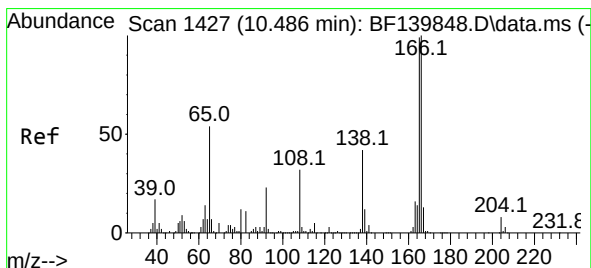
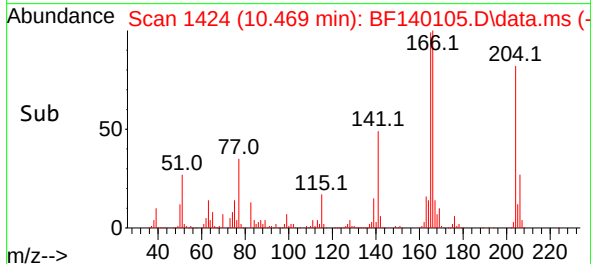
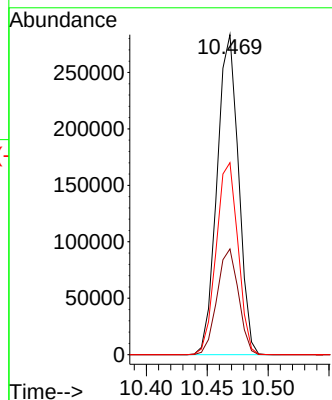
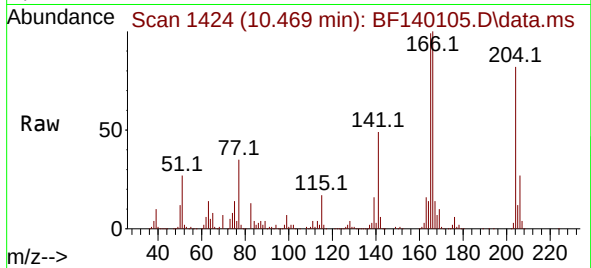




#61
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

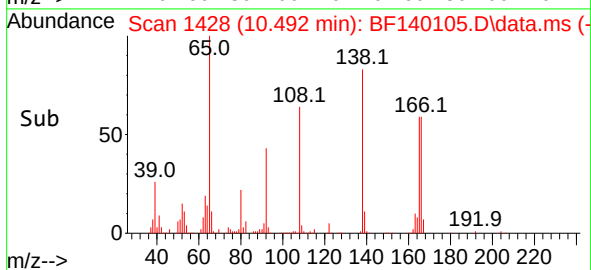
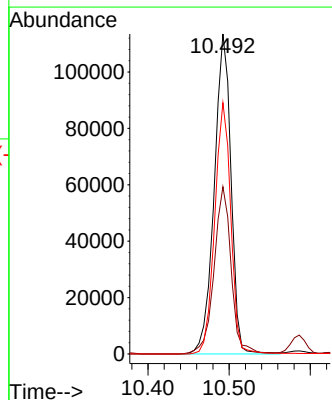
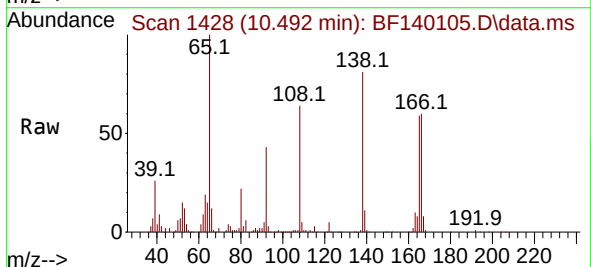
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

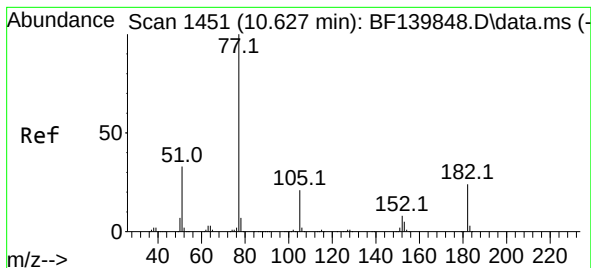
Tgt Ion:204 Resp: 348259
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.0 48.6 73.0



#62
4-Nitroaniline
Concen: 47.949 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:138 Resp: 163027
Ion Ratio Lower Upper
138 100
92 52.3 35.7 75.7
108 78.5 57.5 97.5





#63

Azobenzene

Concen: 53.259 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Tgt Ion: 77 Resp: 893808

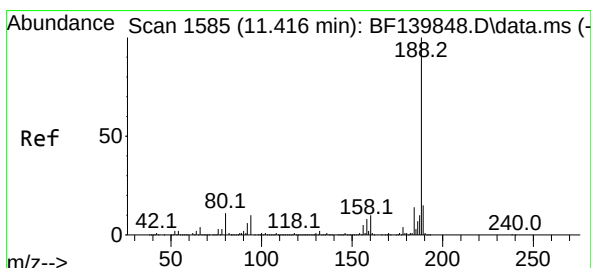
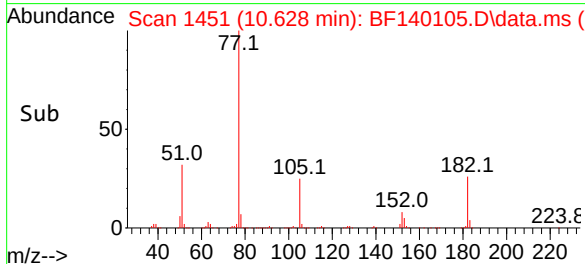
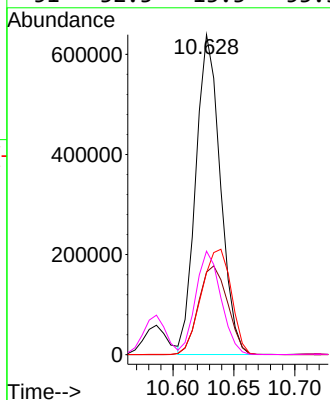
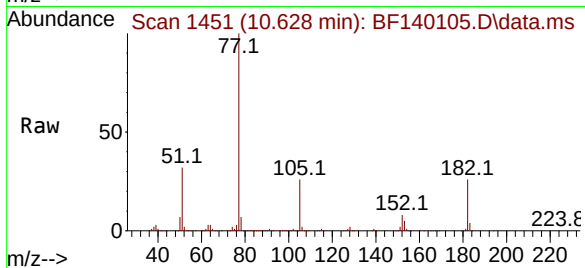
Ion Ratio Lower Upper

77 100

182 25.8 3.3 43.3

105 25.6 1.2 41.2

51 32.3 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: BF140105.D

Acq: 29 Oct 2024 12:02

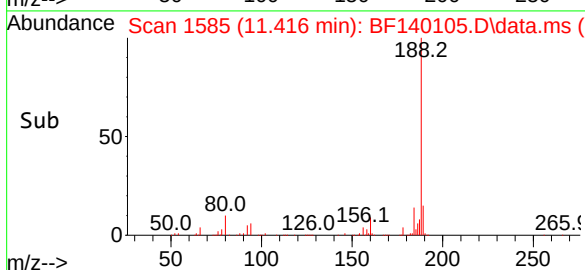
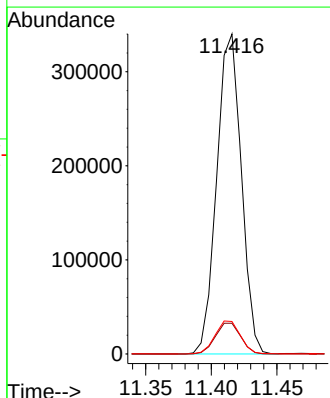
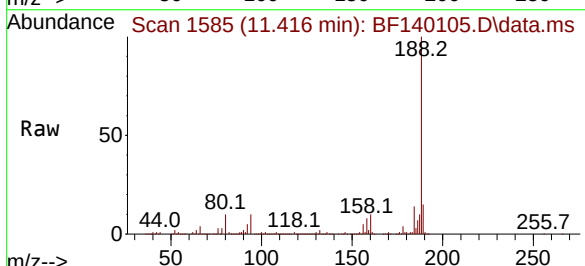
Tgt Ion:188 Resp: 443678

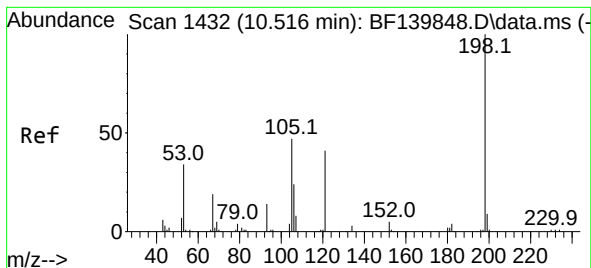
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.1 9.0 13.4

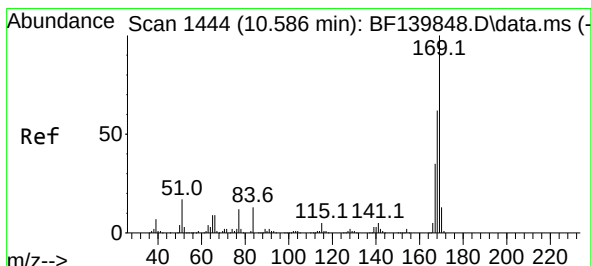
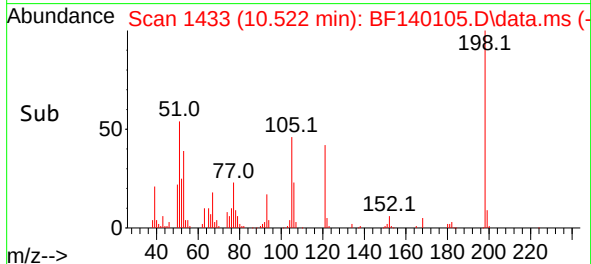
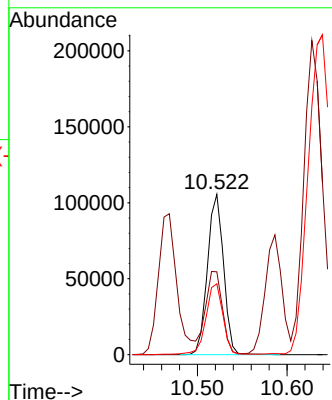
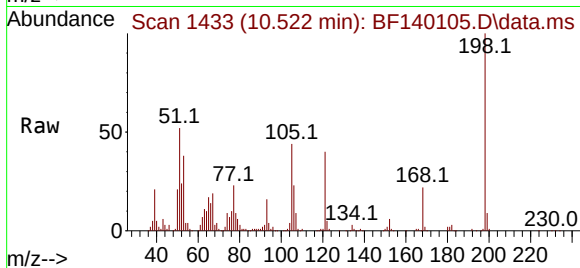




#65
4,6-Dinitro-2-methylphenol
Concen: 72.569 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

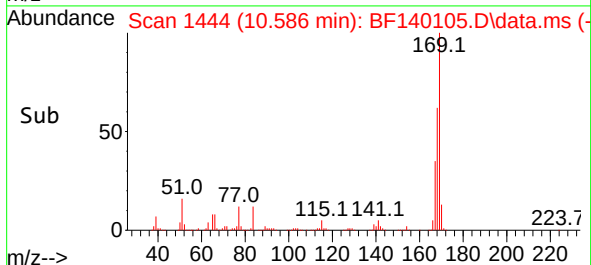
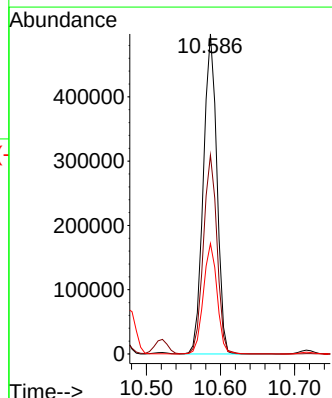
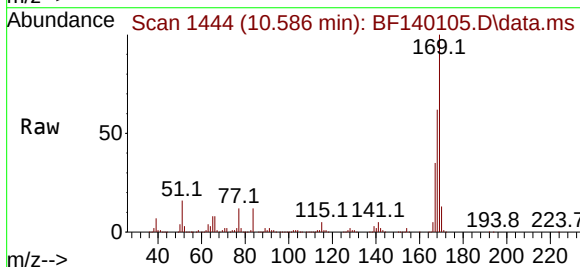
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

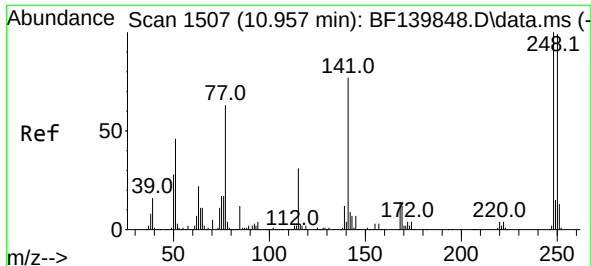
Tgt Ion:198 Resp: 131332
Ion Ratio Lower Upper
198 100
51 51.7 38.2 78.2
105 44.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.603 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:169 Resp: 632125
Ion Ratio Lower Upper
169 100
168 62.1 49.8 74.6
167 34.5 28.0 42.0

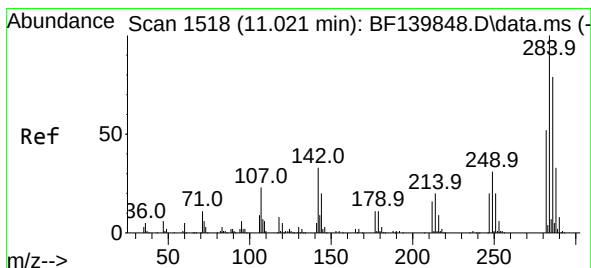
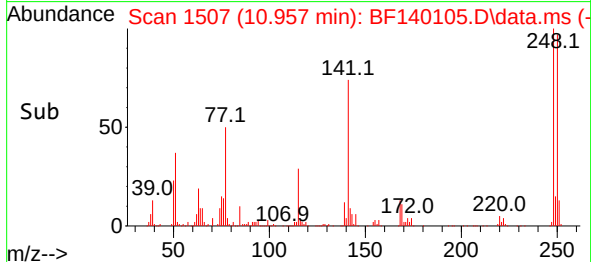
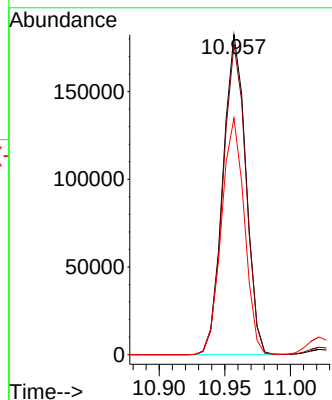
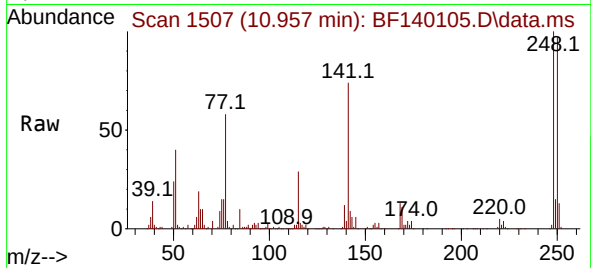




#67
4-Bromophenyl-phenylether
Concen: 48.548 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

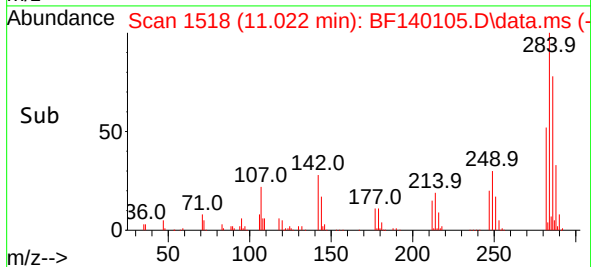
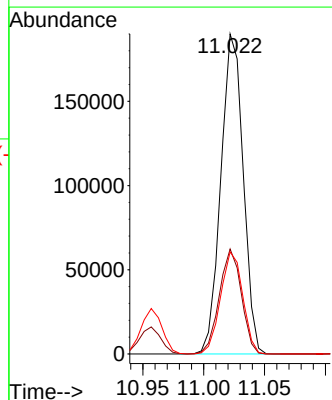
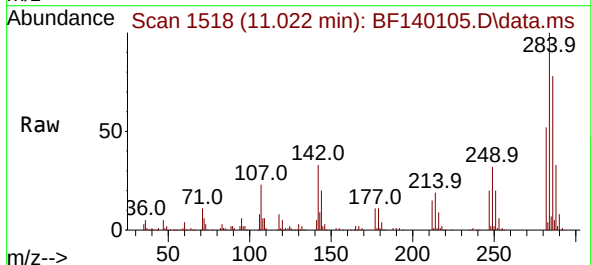
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

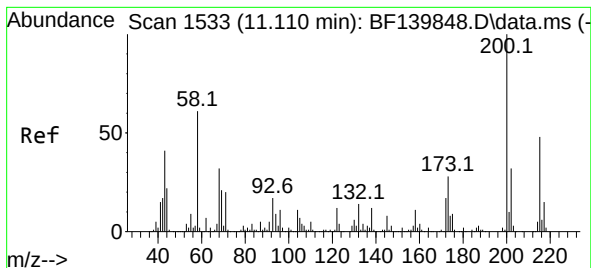
Tgt Ion:248 Resp: 221899
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 73.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 47.214 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:284 Resp: 242705
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.9 25.3 37.9





#69

Atrazine

Concen: 55.817 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

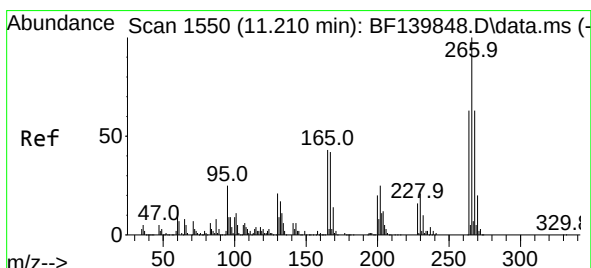
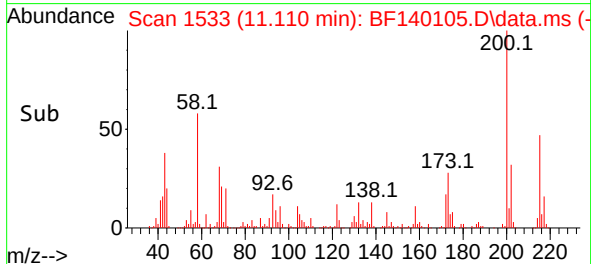
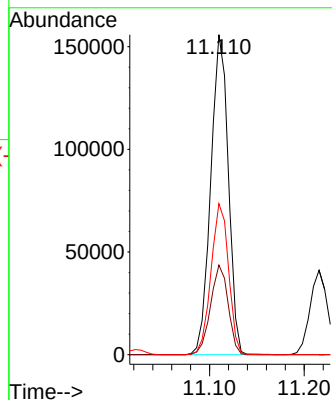
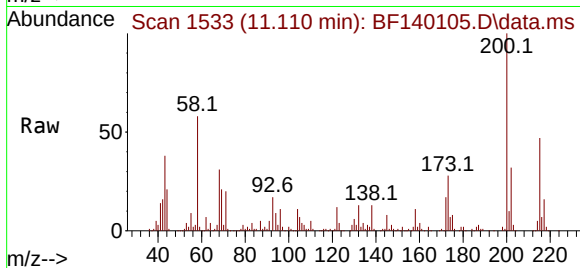
Tgt Ion:200 Resp: 200780

Ion Ratio Lower Upper

200 100

173 28.0 7.7 47.7

215 47.2 27.7 67.7



#70

Pentachlorophenol

Concen: 92.905 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

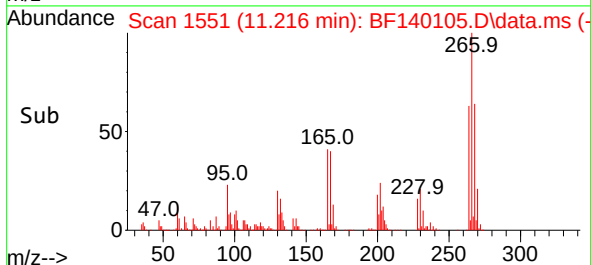
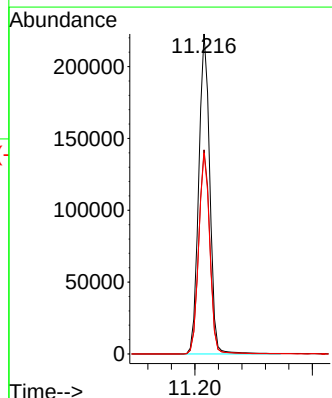
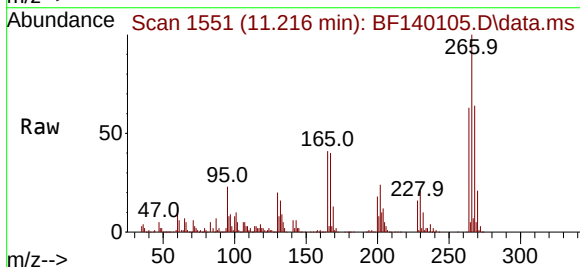
Tgt Ion:266 Resp: 289848

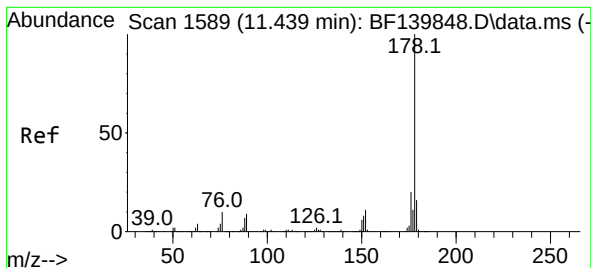
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 62.8 50.6 75.8





#71

Phenanthrene

Concen: 46.428 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

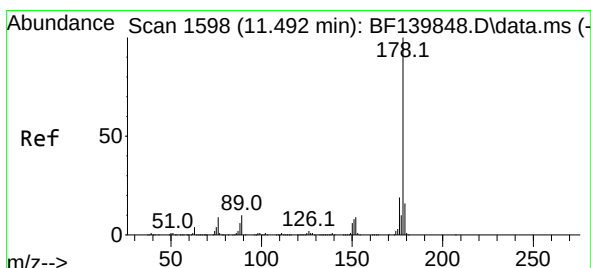
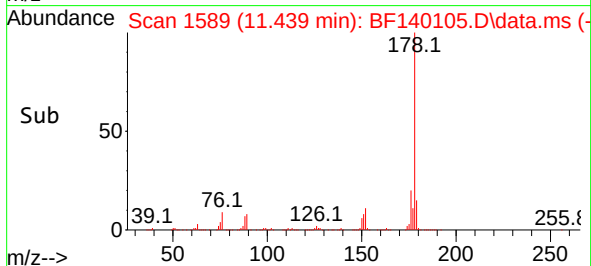
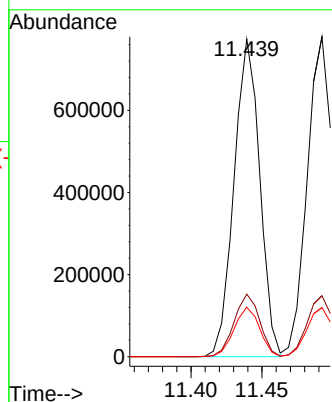
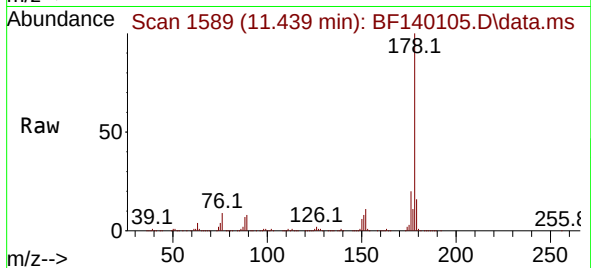
Tgt Ion:178 Resp: 973007

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 48.307 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

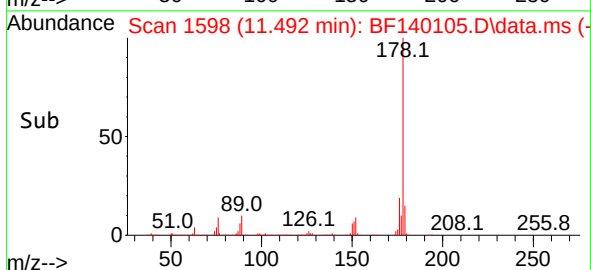
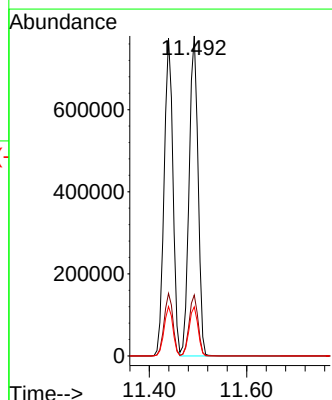
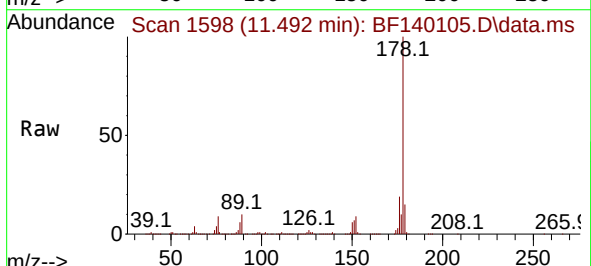
Tgt Ion:178 Resp: 987770

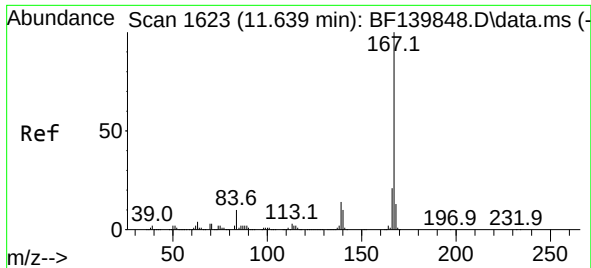
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.4 18.6

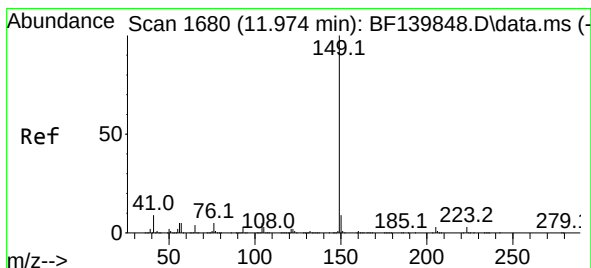
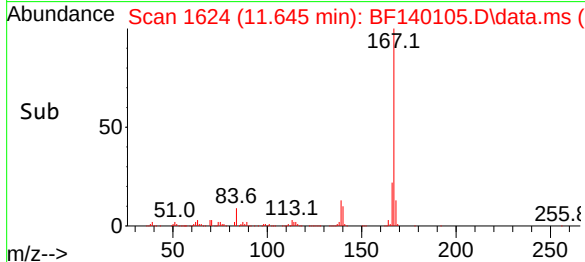
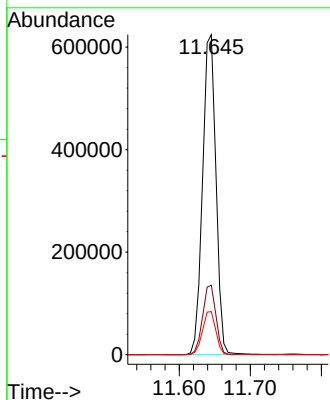
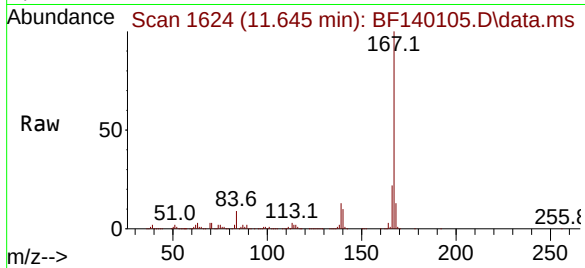




#73
 Carbazole
 Concen: 43.231 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF140105.D
 Acq: 29 Oct 2024 12:02

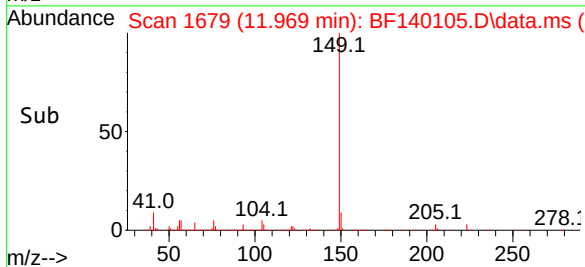
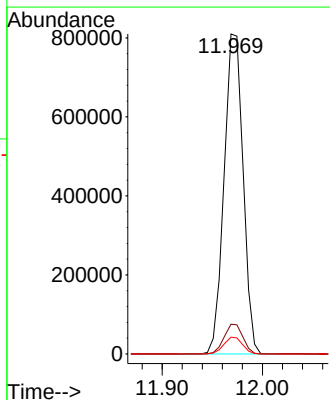
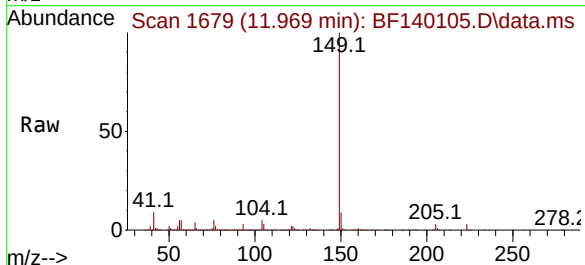
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MS

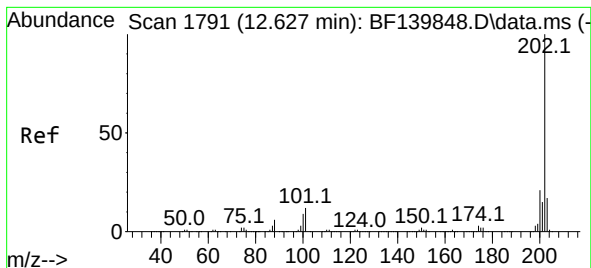
Tgt Ion:167 Resp: 822131
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 48.558 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF140105.D
 Acq: 29 Oct 2024 12:02

Tgt Ion:149 Resp: 1066878
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 40.247 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

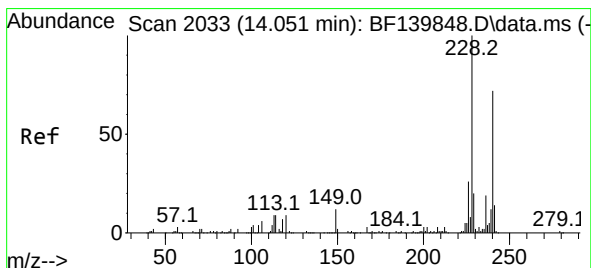
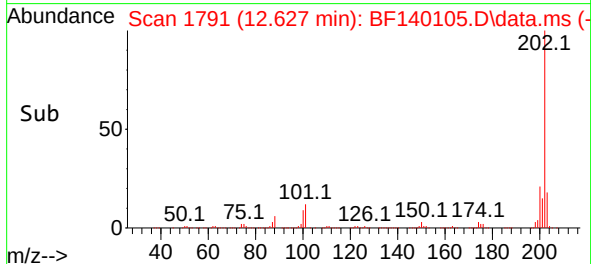
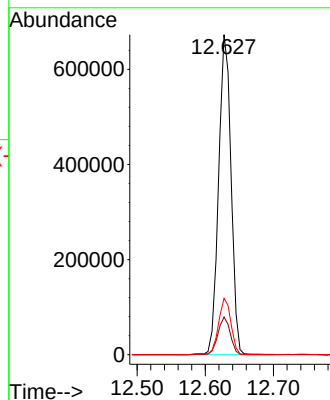
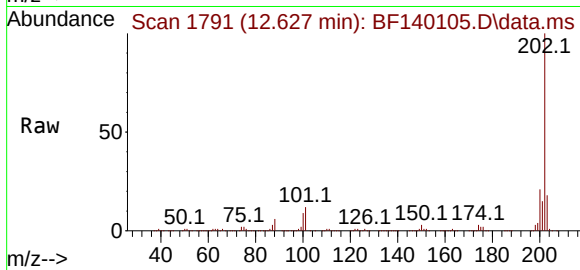
Tgt Ion:202 Resp: 852694

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.9

203 17.6 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: BF140105.D

Acq: 29 Oct 2024 12:02

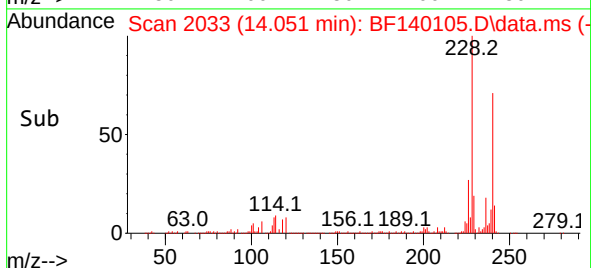
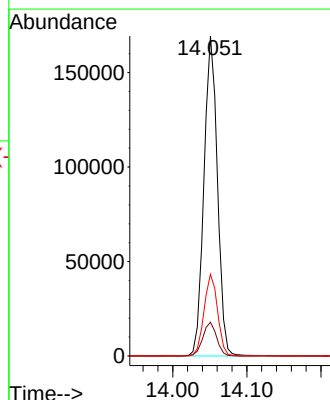
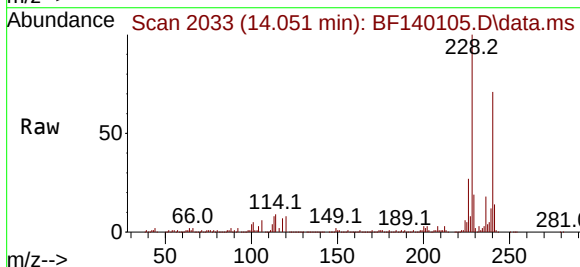
Tgt Ion:240 Resp: 213800

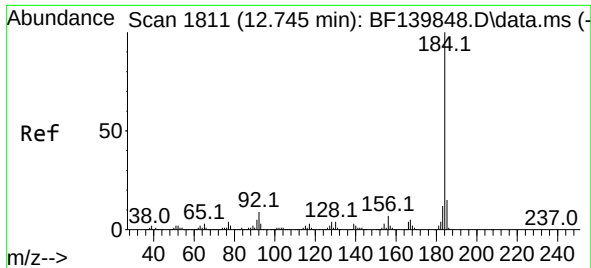
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.6 20.9 31.3

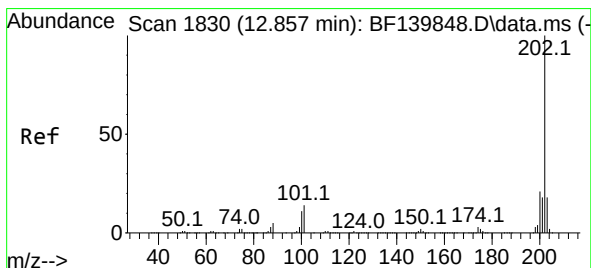
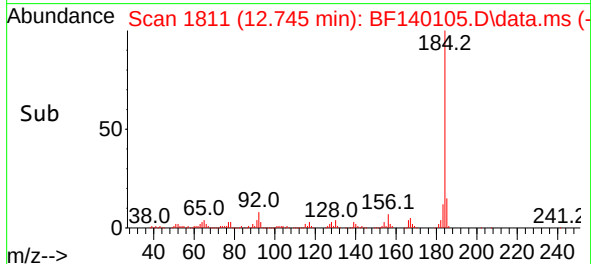
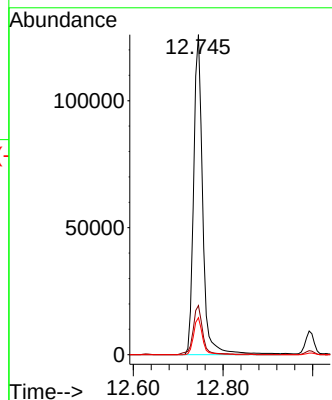
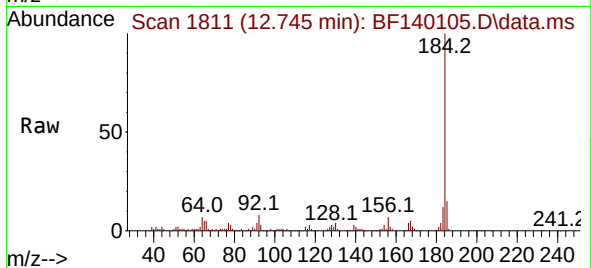




#77
Benzidine
Concen: 50.367 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

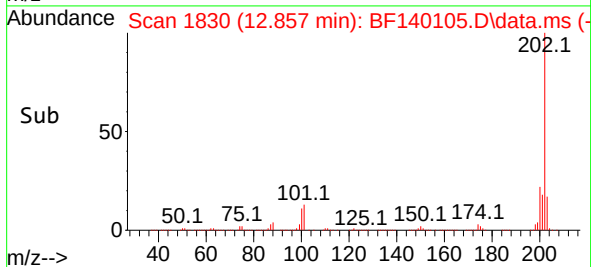
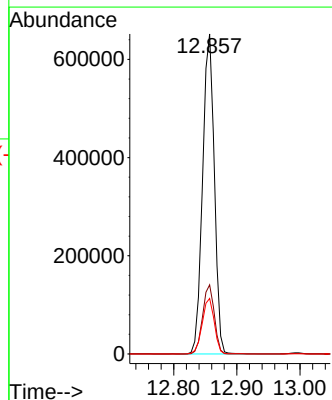
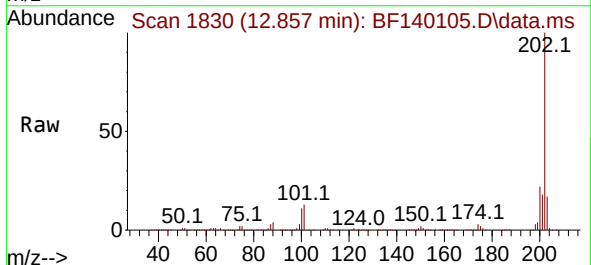
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

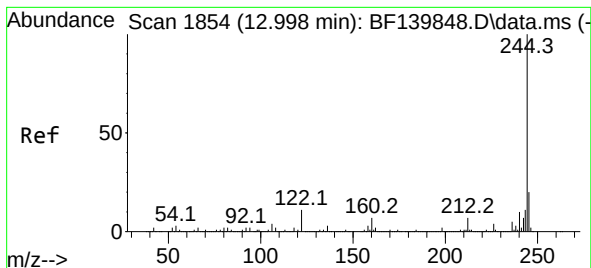
Tgt Ion:184 Resp: 177069
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 11.6 9.4 14.2



#78
Pyrene
Concen: 45.018 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:202 Resp: 842496
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 66.263 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

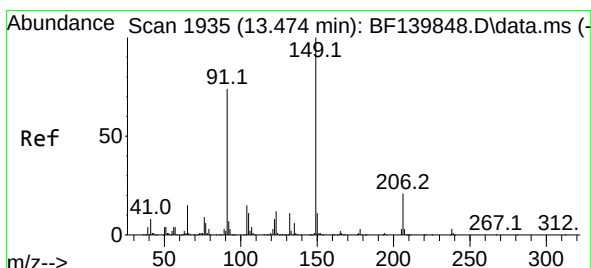
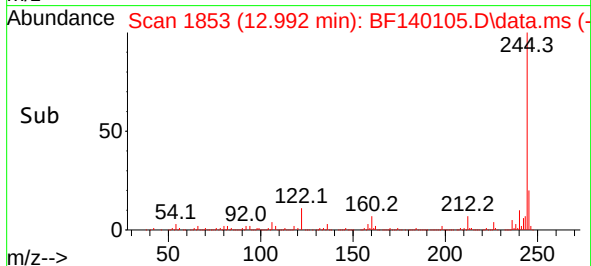
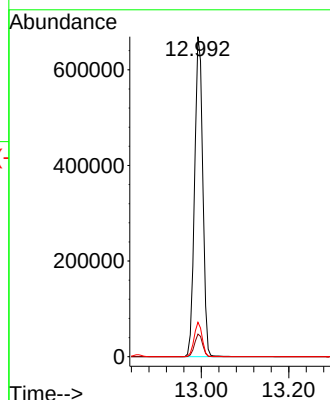
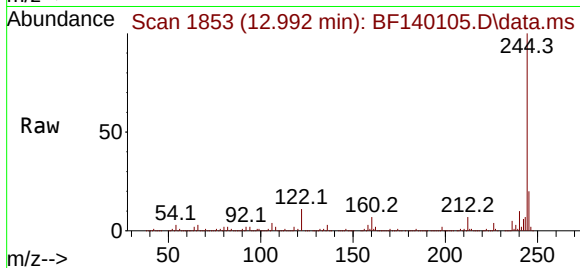
Tgt Ion:244 Resp: 869424

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 56.727 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

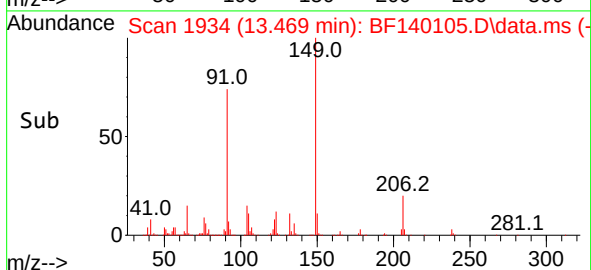
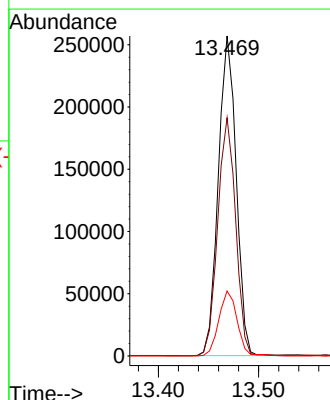
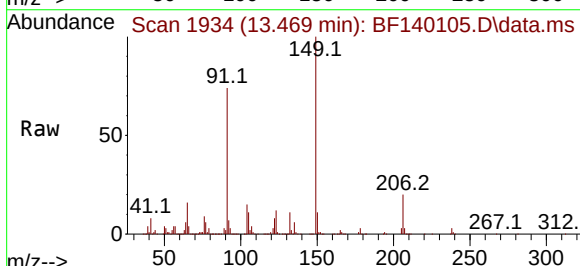
Tgt Ion:149 Resp: 318277

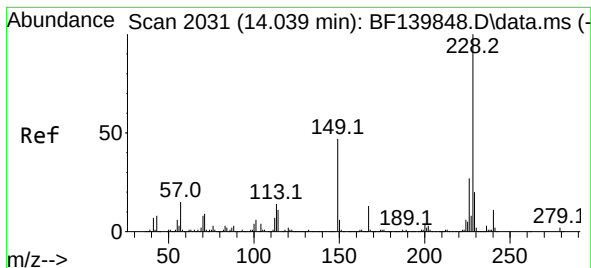
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.2

206 20.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.479 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

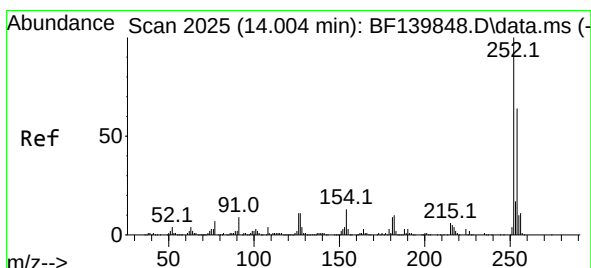
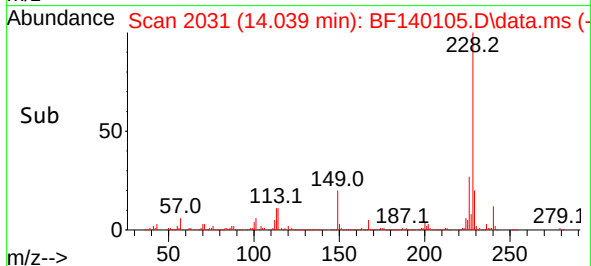
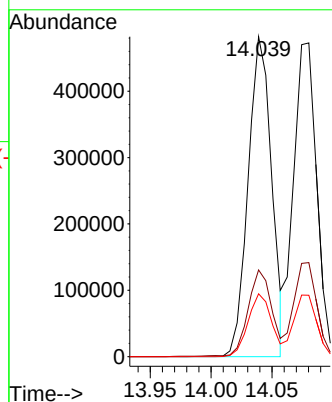
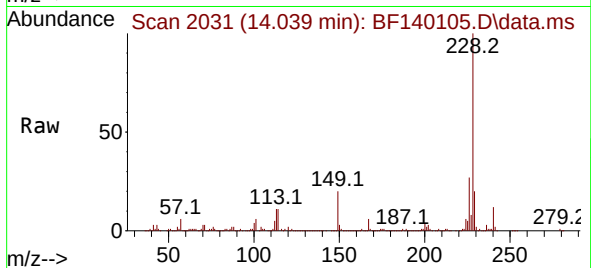
Tgt Ion:228 Resp: 646882

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 29.827 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

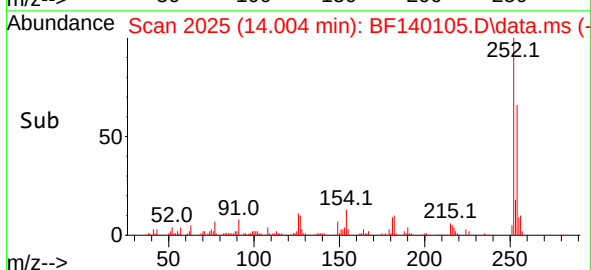
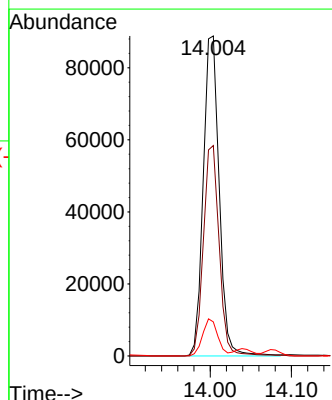
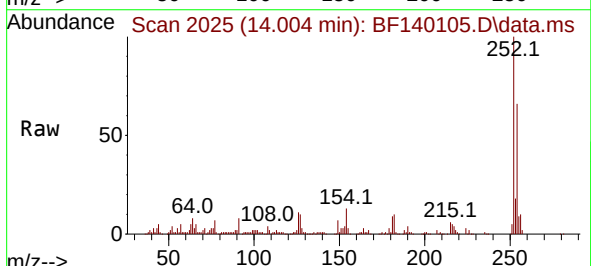
Tgt Ion:252 Resp: 121036

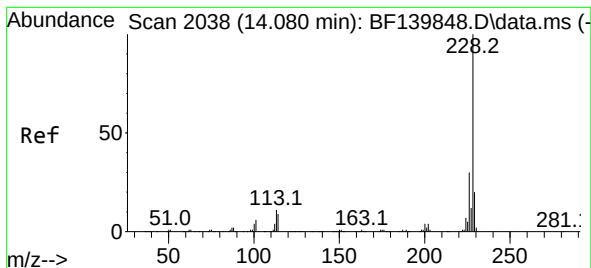
Ion Ratio Lower Upper

252 100

254 65.7 50.8 76.2

126 10.6 8.9 13.3





#83

Chrysene

Concen: 49.282 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

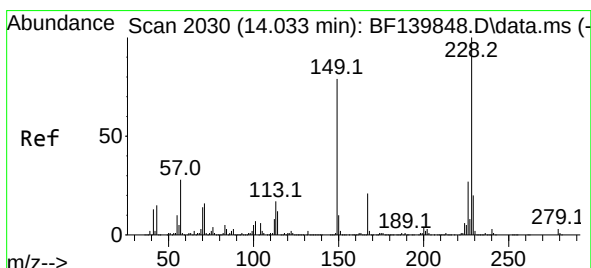
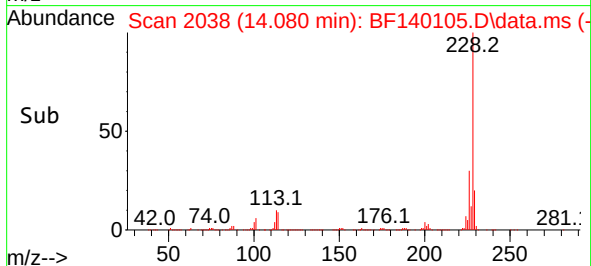
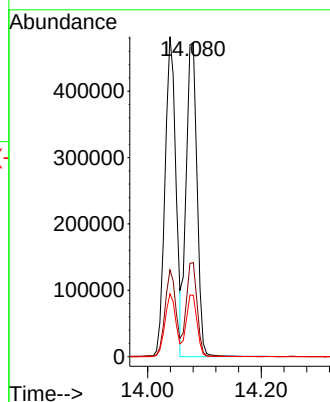
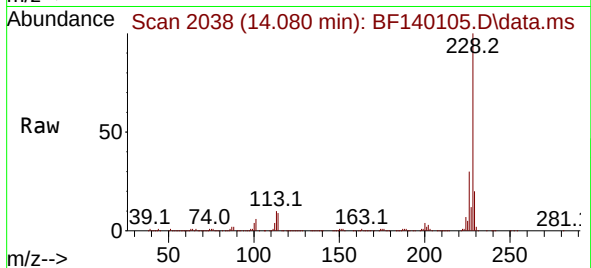
Tgt Ion:228 Resp: 628880

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: 63.162 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

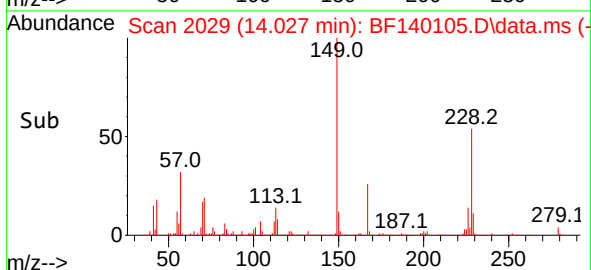
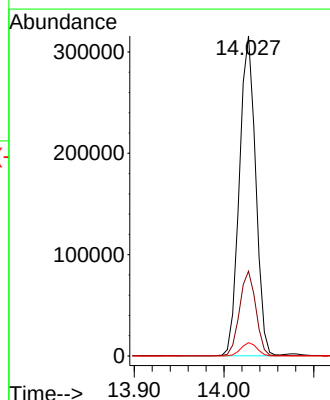
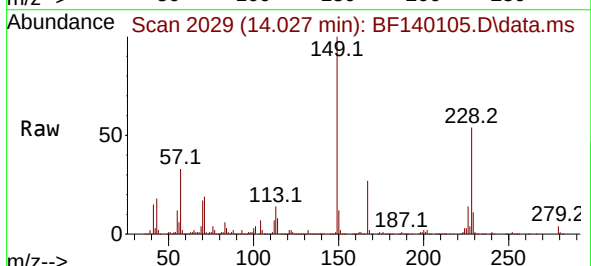
Tgt Ion:149 Resp: 397598

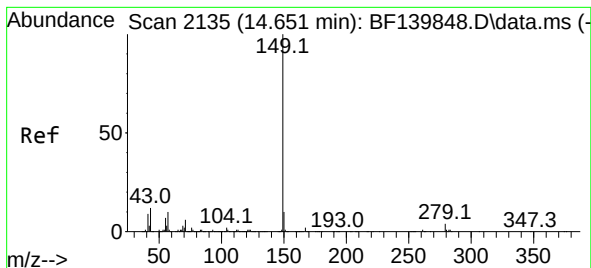
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 57.142 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

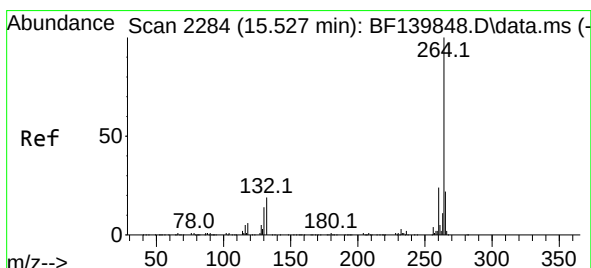
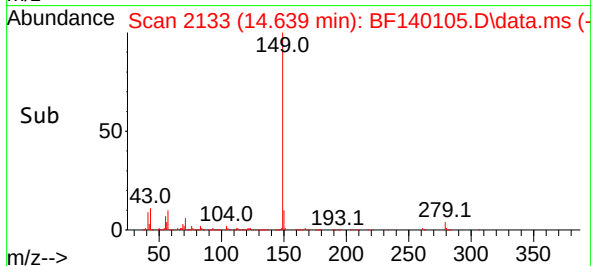
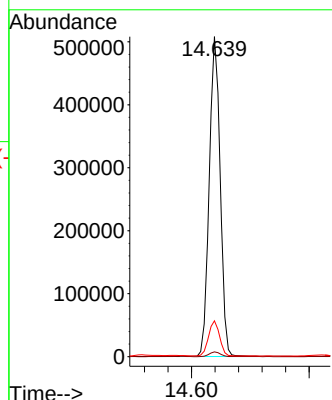
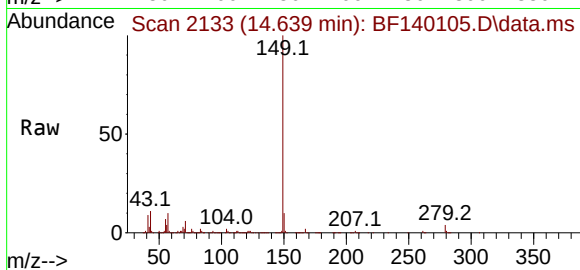
Tgt Ion:149 Resp: 654252

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 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: BF140105.D

Acq: 29 Oct 2024 12:02

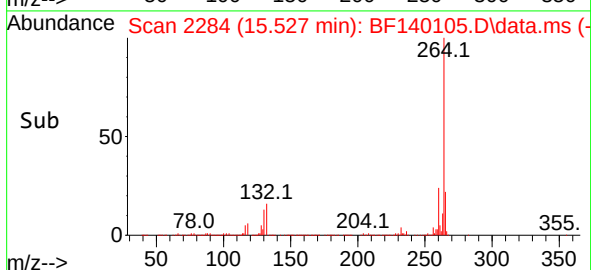
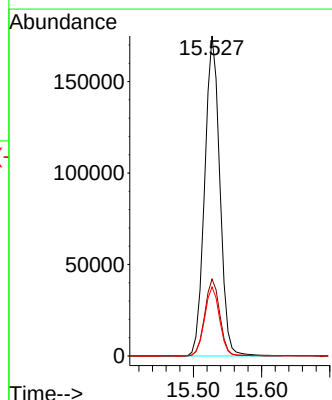
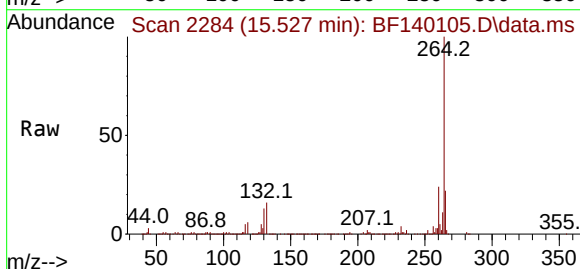
Tgt Ion:264 Resp: 269959

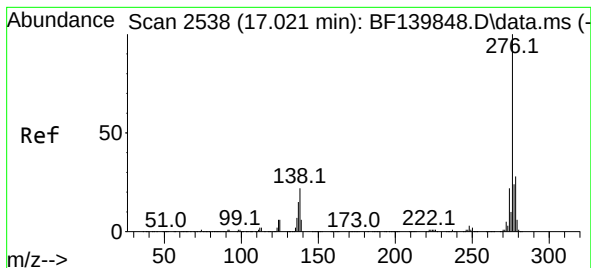
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.644 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

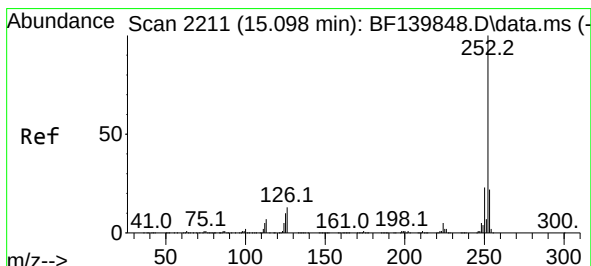
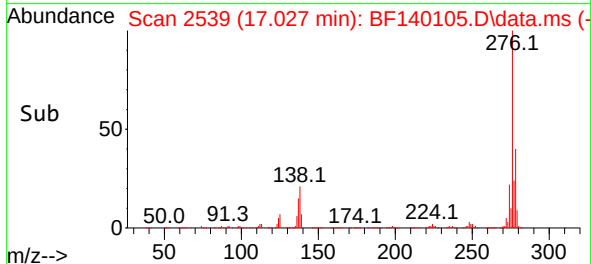
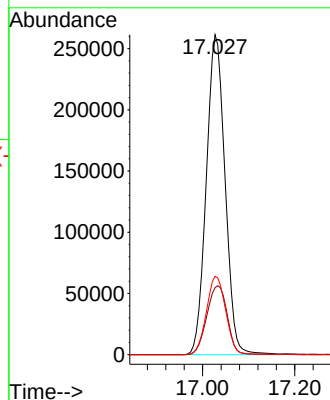
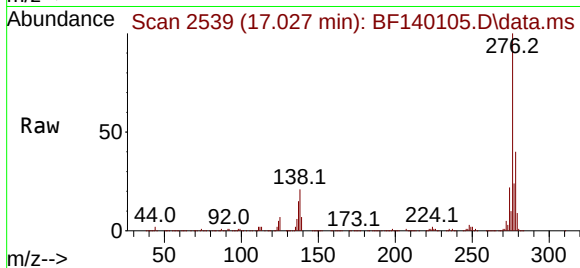
Tgt Ion:276 Resp: 740606

Ion Ratio Lower Upper

276 100

138 23.6 20.4 30.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.178 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

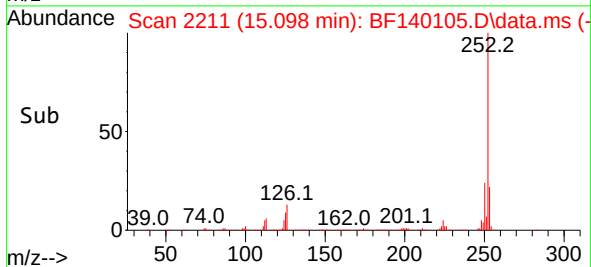
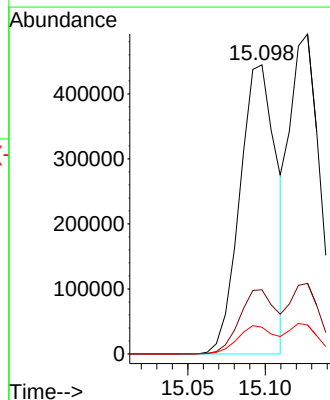
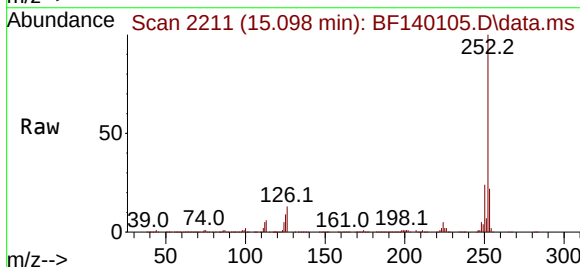
Tgt Ion:252 Resp: 726493

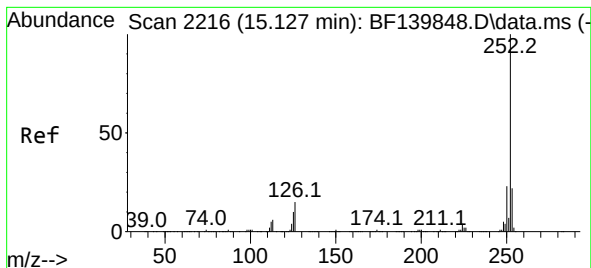
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.753 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

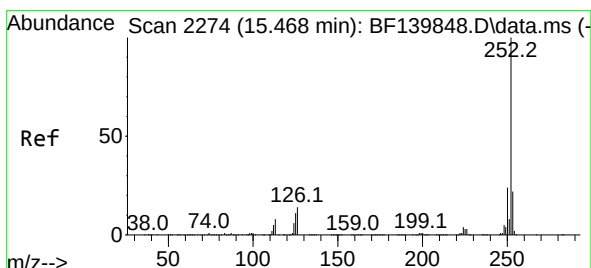
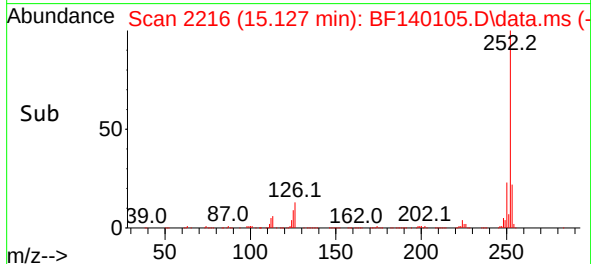
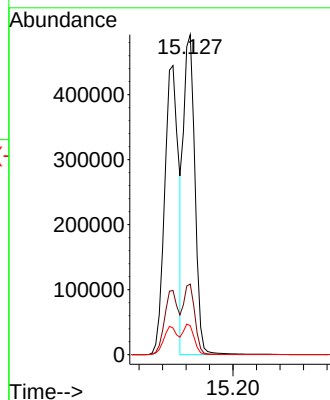
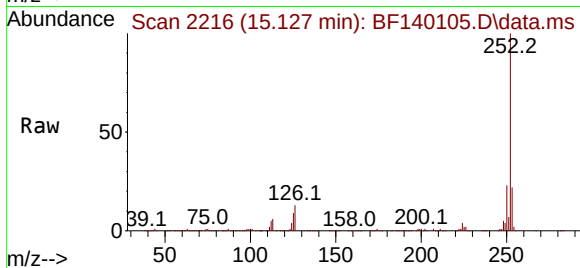
Tgt Ion:252 Resp: 663067

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 50.387 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

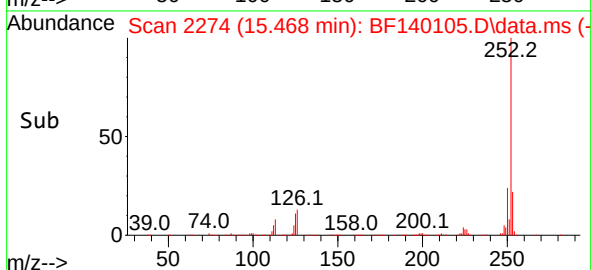
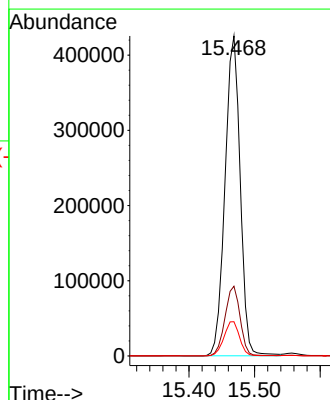
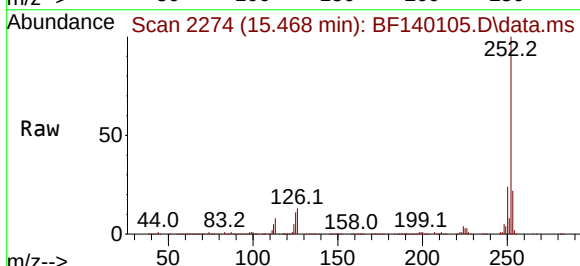
Tgt Ion:252 Resp: 681796

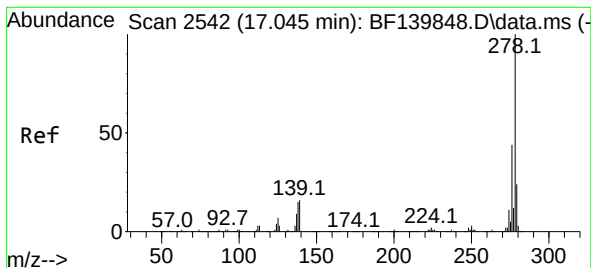
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 42.766 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

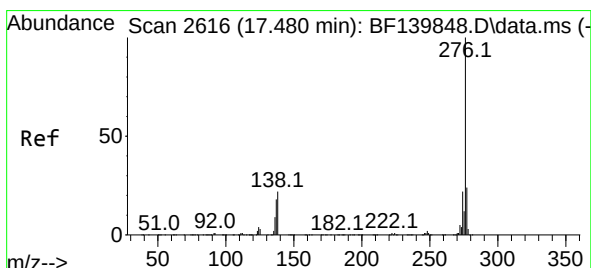
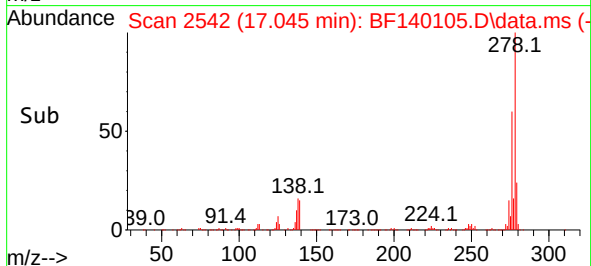
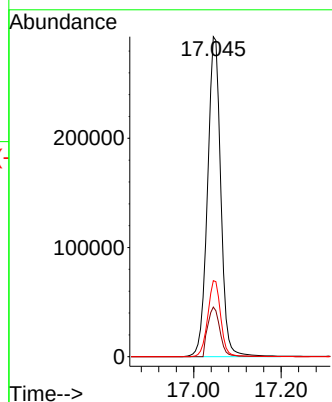
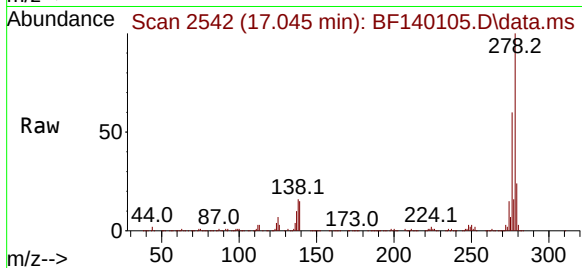
Tgt Ion:278 Resp: 619598

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.542 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion:276 Resp: 514347

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.0 17.4 26.0

