

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139679.D
 Acq On : 07 Oct 2024 11:44
 Operator : RC/JU
 Sample : PB163905BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163905BS

Quant Time: Oct 07 12:11:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92737	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	365857	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215100	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	422187	20.000	ng	0.00
76) Chrysene-d12	14.039	240	265787	20.000	ng	0.00
86) Perylene-d12	15.504	264	188660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	746190	139.462	ng	0.02
7) Phenol-d6	6.510	99	994766	138.253	ng	0.00
23) Nitrobenzene-d5	7.434	82	647804	89.648	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	284182	136.860	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1211208	86.445	ng	0.00
79) Terphenyl-d14	12.980	244	1460120	90.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	95603	41.329	ng	99
3) Pyridine	3.487	79	256736	45.634	ng	99
4) n-Nitrosodimethylamine	3.452	42	173790	47.193	ng	96
6) Aniline	6.534	93	361298	56.587	ng	89
8) 2-Chlorophenol	6.657	128	287899	50.223	ng	99
9) Benzaldehyde	6.416	77	94550	24.807	ng	98
10) Phenol	6.522	94	379433	50.151	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	286253	46.468	ng	99
12) 1,3-Dichlorobenzene	6.810	146	292456	45.351	ng	99
13) 1,4-Dichlorobenzene	6.887	146	299796	45.901	ng	100
14) 1,2-Dichlorobenzene	7.040	146	287480	46.964	ng	99
15) Benzyl Alcohol	7.016	79	275948	50.194	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	507163	47.557	ng	79
17) 2-Methylphenol	7.128	107	233361	48.763	ng	96
18) Hexachloroethane	7.381	117	110952	45.544	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	216138	46.723	ng	99
20) 3+4-Methylphenols	7.281	107	296212	49.279	ng	95
22) Acetophenone	7.281	105	393671	45.331	ng	99
24) Nitrobenzene	7.457	77	334876	44.754	ng	99
25) Isophorone	7.693	82	600085	46.756	ng	100
26) 2-Nitrophenol	7.769	139	155866	48.455	ng	99
27) 2,4-Dimethylphenol	7.804	122	225915	57.369	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	350338	45.713	ng	99
29) 2,4-Dichlorophenol	8.016	162	248396	48.360	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	249586	42.967	ng	99
31) Naphthalene	8.175	128	852485	45.573	ng	100
32) Benzoic acid	7.945	122	188342	48.099	ng	98
33) 4-Chloroaniline	8.222	127	241046	38.069	ng	99
34) Hexachlorobutadiene	8.287	225	162466	43.220	ng	99
35) Caprolactam	8.598	113	49227	29.220	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	279578	48.083	ng	100
37) 2-Methylnaphthalene	8.863	142	558559	45.848	ng	100
38) 1-Methylnaphthalene	8.963	142	523964	43.999	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	261247	43.738	ng	99
41) Hexachlorocyclopentadiene	9.016	237	304691	166.363	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	187079	46.461	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	199350	45.908	ng	99
46) 1,1'-Biphenyl	9.328	154	706233	44.144	ng	100
47) 2-Chloronaphthalene	9.357	162	532416	44.392	ng	98
48) 2-Nitroaniline	9.451	65	210944	48.996	ng	98
49) Acenaphthylene	9.769	152	884596	48.499	ng	100
50) Dimethylphthalate	9.634	163	664889	47.220	ng	100
51) 2,6-Dinitrotoluene	9.698	165	144579	45.454	ng	93
52) Acenaphthene	9.939	154	535520	42.768	ng	100
53) 3-Nitroaniline	9.869	138	136330	41.942	ng	98
54) 2,4-Dinitrophenol	9.975	184	179304	104.806	ng	98
55) Dibenzofuran	10.116	168	811186	46.269	ng	99
56) 4-Nitrophenol	10.034	139	238965	96.405	ng	100
57) 2,4-Dinitrotoluene	10.104	165	199143	47.898	ng	95
58) Fluorene	10.457	166	640872	45.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	176129	50.219	ng	98
60) Diethylphthalate	10.328	149	682596	46.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	313516	44.879	ng	99
62) 4-Nitroaniline	10.486	138	162281	48.809	ng	99
63) Azobenzene	10.610	77	685833	46.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	116429	48.829	ng	97
66) n-Nitrosodiphenylamine	10.569	169	573637	46.095	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	190703	44.055	ng	99
68) Hexachlorobenzene	11.004	284	214627	44.683	ng	98
69) Atrazine	11.098	200	188080	56.330	ng	98
70) Pentachlorophenol	11.204	266	249652	87.287	ng	98
71) Phenanthrene	11.422	178	937387	47.090	ng	100
72) Anthracene	11.475	178	960556	48.775	ng	100
73) Carbazole	11.628	167	900327	47.599	ng	100
74) Di-n-butylphthalate	11.951	149	1095857	47.644	ng	100
75) Fluoranthene	12.610	202	1035894	47.604	ng	100
77) Benzidine	12.733	184	478735	102.116	ng	99
78) Pyrene	12.839	202	1064949	44.799	ng	99
80) Butylbenzylphthalate	13.451	149	431494	50.746	ng	99
81) Benzo(a)anthracene	14.027	228	842054	48.188	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	222431	41.592	ng	99
83) Chrysene	14.063	228	745319	46.652	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	562213	52.951	ng	99
85) Di-n-octyl phthalate	14.621	149	805427	51.635	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	554749	49.959	ng	100
88) Benzo(b)fluoranthene	15.074	252	627896	51.473	ng	99
89) Benzo(k)fluoranthene	15.104	252	505466	48.849	ng	100
90) Benzo(a)pyrene	15.445	252	501344	52.123	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	458814	49.818	ng	99
92) Benzo(g,h,i)perylene	17.427	276	421351	45.617	ng	100

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

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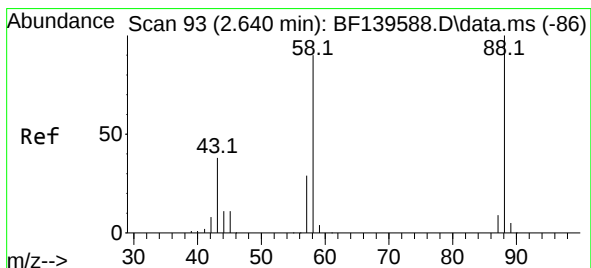
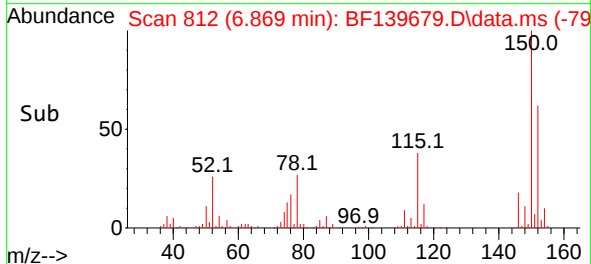
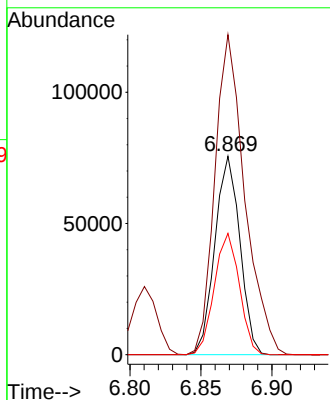
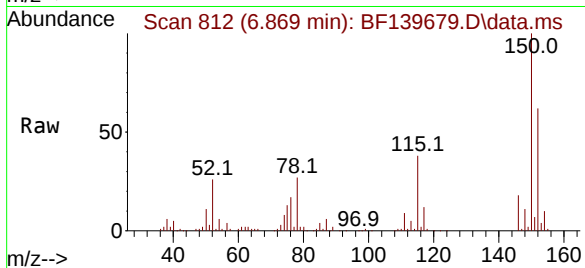




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139679.D
 Acq: 07 Oct 2024 11:44

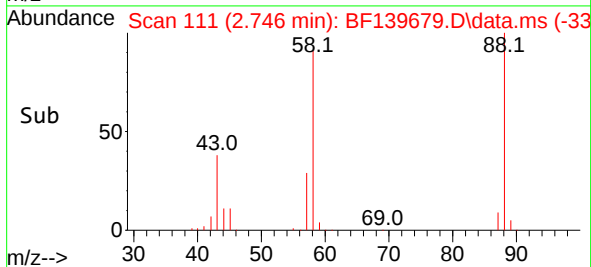
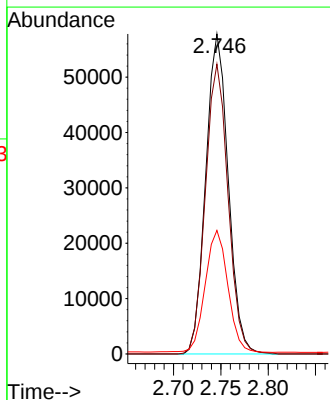
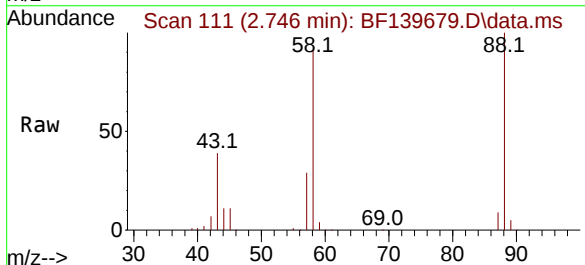
Instrument :
 BNA_F
 ClientSampleId :
 PB163905BS

Tgt Ion:152 Resp: 92737
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.2 190.8
 115 61.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 41.329 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: BF139679.D
 Acq: 07 Oct 2024 11:44

Tgt Ion: 88 Resp: 95603
 Ion Ratio Lower Upper
 88 100
 58 91.4 72.0 108.0
 43 38.4 30.8 46.2





#3

Pyridine

Concen: 45.634 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

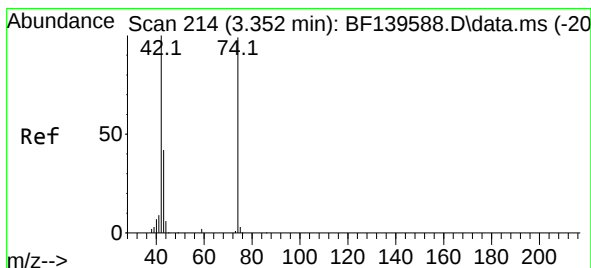
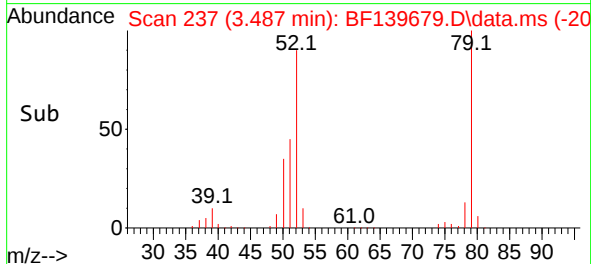
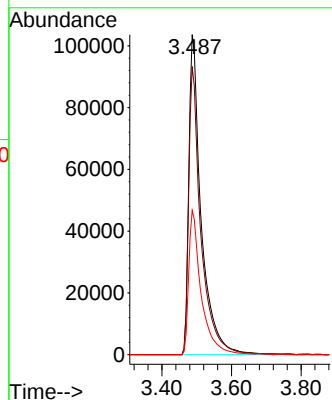
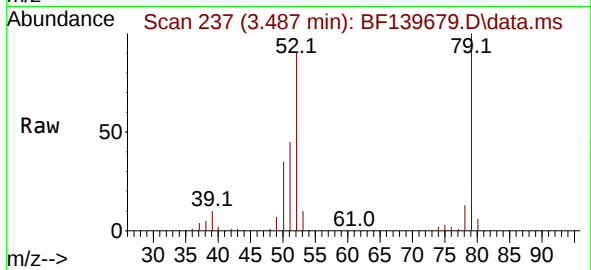
Tgt Ion: 79 Resp: 256736

Ion Ratio Lower Upper

79 100

52 90.1 72.6 109.0

51 45.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 47.193 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

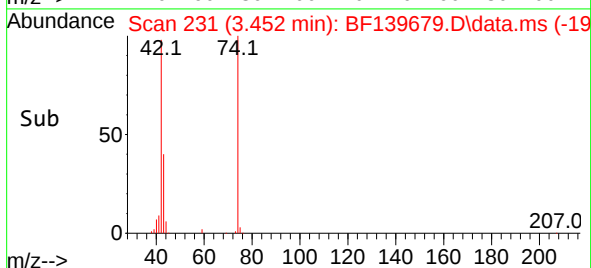
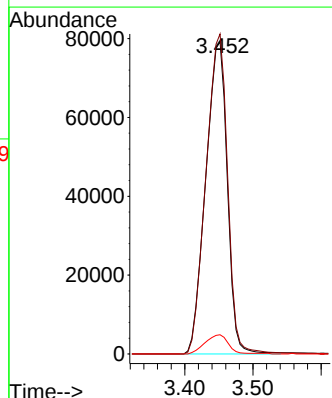
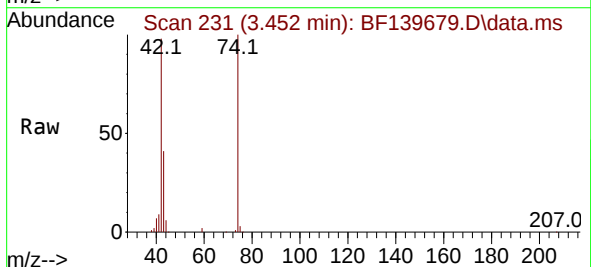
Tgt Ion: 42 Resp: 173790

Ion Ratio Lower Upper

42 100

74 102.5 79.0 118.6

44 6.2 5.2 7.8

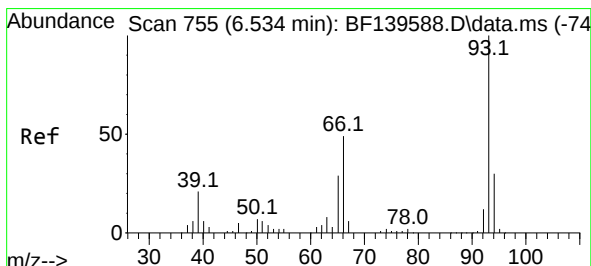
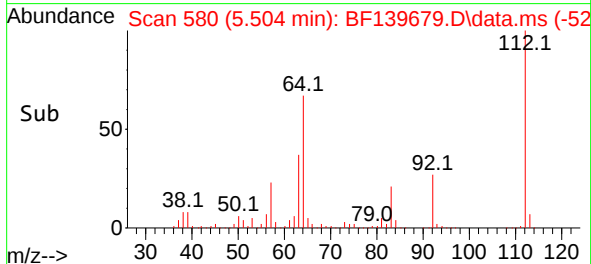
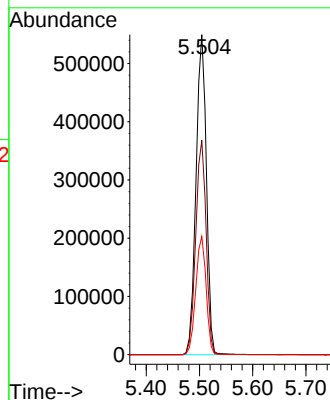
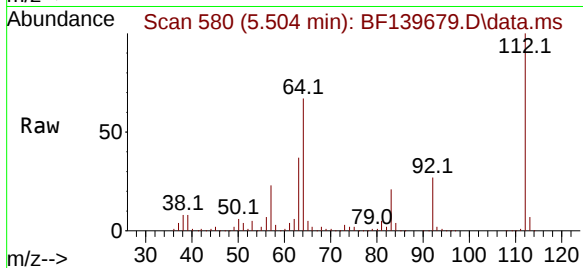




#5
2-Fluorophenol
Concen: 139.462 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

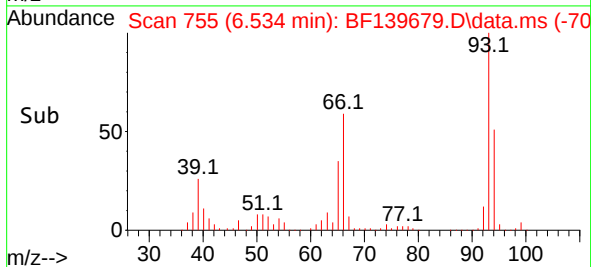
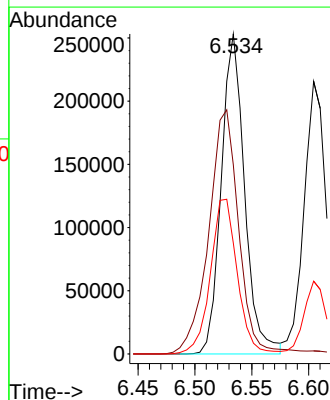
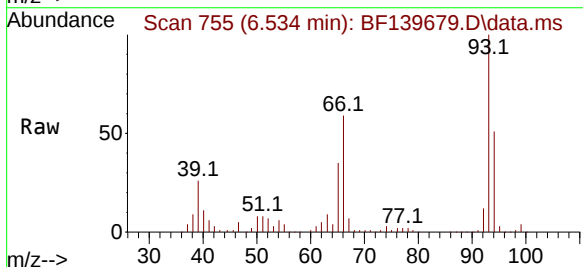
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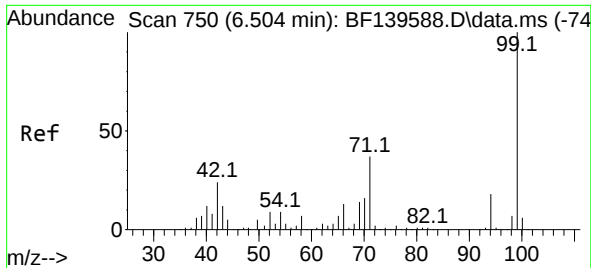
Tgt Ion:112 Resp: 746190
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 37.0 29.4 44.2



#6
Aniline
Concen: 56.587 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 93 Resp: 361298
Ion Ratio Lower Upper
93 100
66 59.1 40.9 61.3
65 34.6 23.3 34.9

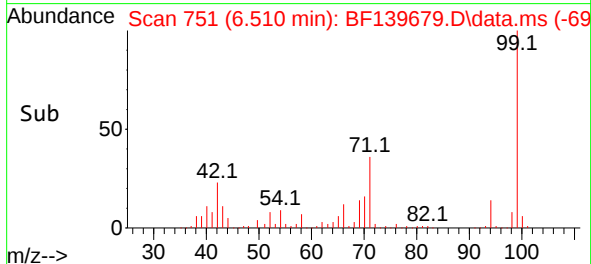
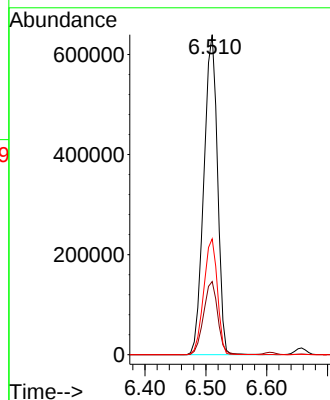
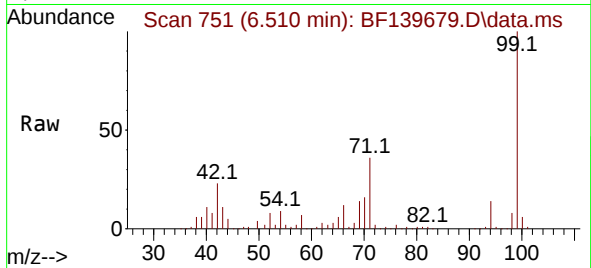




#7
Phenol-d6
Concen: 138.253 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

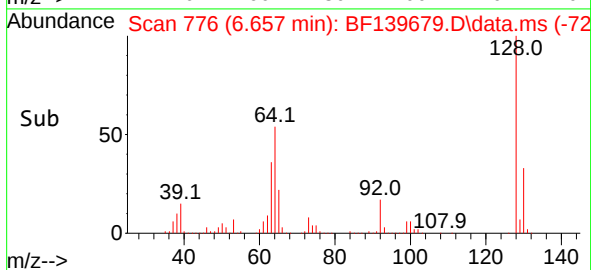
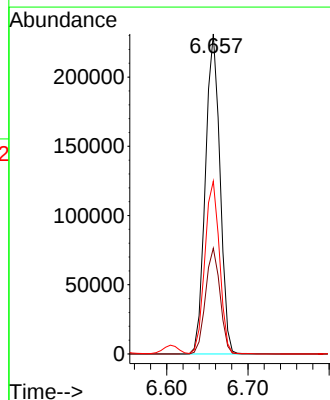
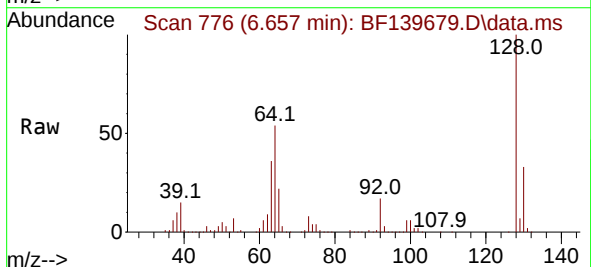
Instrument :
BNA_F
ClientSampleId :
PB163905BS

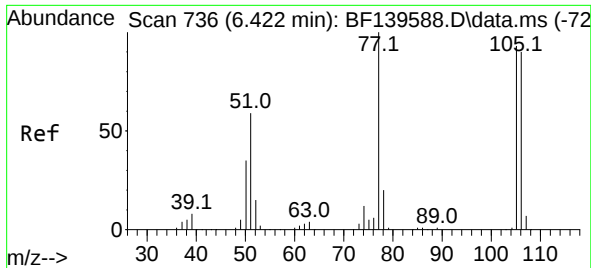
Tgt Ion: 99 Resp: 994766
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.2 29.7 44.5



#8
2-Chlorophenol
Concen: 50.223 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 128 Resp: 287899
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 24.807 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139679.D

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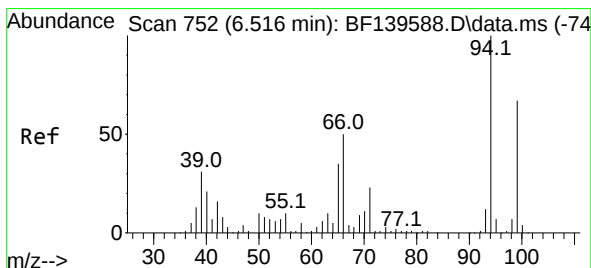
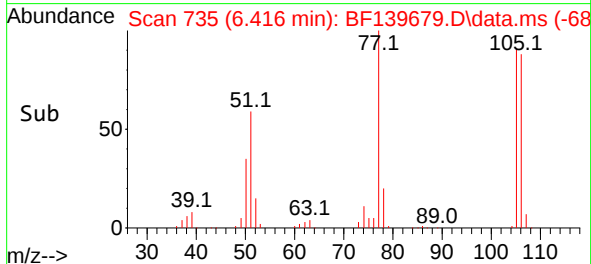
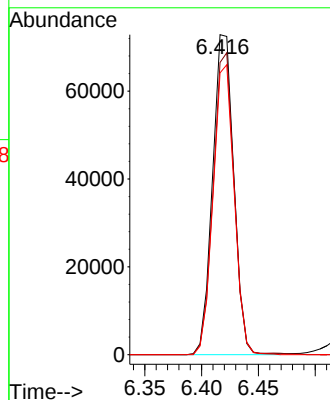
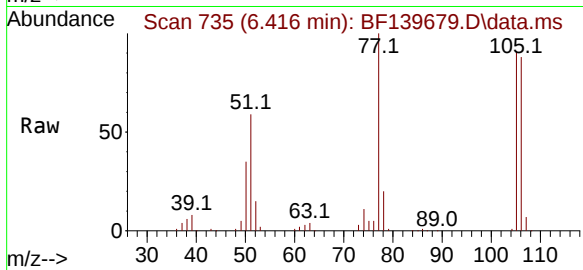
Tgt Ion: 77 Resp: 94550

Ion Ratio Lower Upper

77 100

105 91.3 72.7 112.7

106 88.1 70.1 110.1



#10

Phenol

Concen: 50.151 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

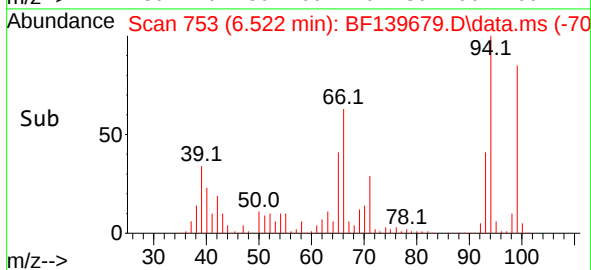
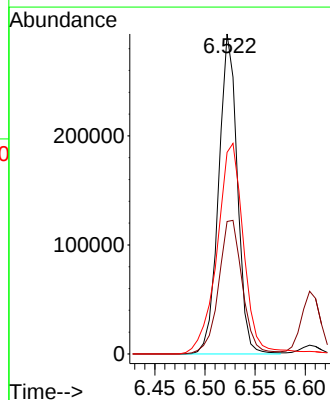
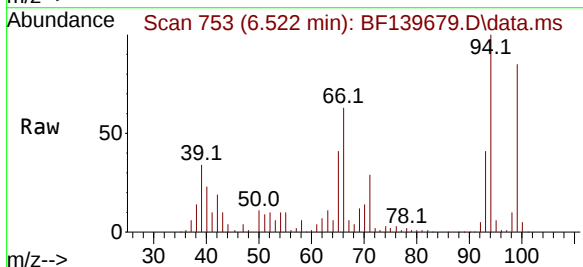
Tgt Ion: 94 Resp: 379433

Ion Ratio Lower Upper

94 100

65 41.4 15.3 55.3

66 63.0 30.5 70.5

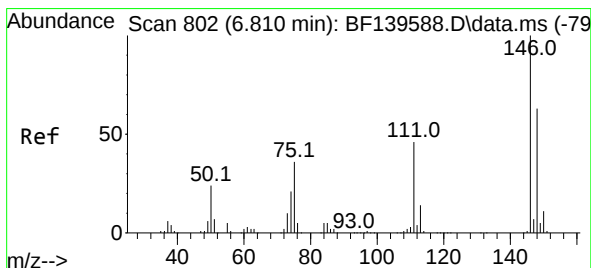
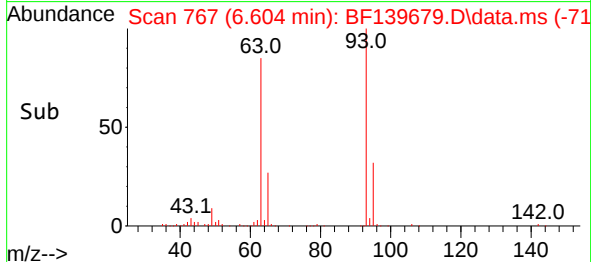
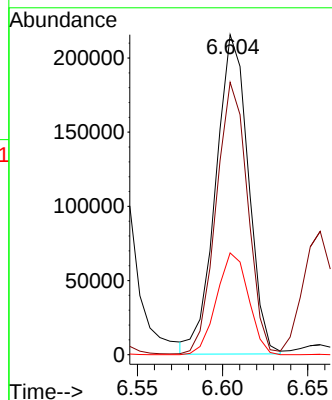
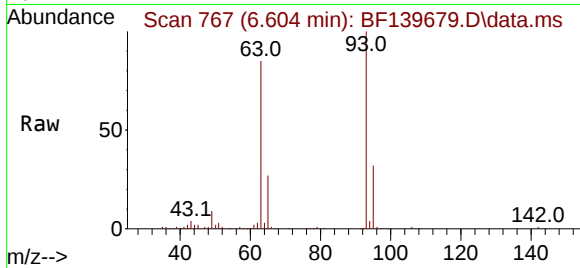




#11
bis(2-Chloroethyl)ether
Concen: 46.468 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

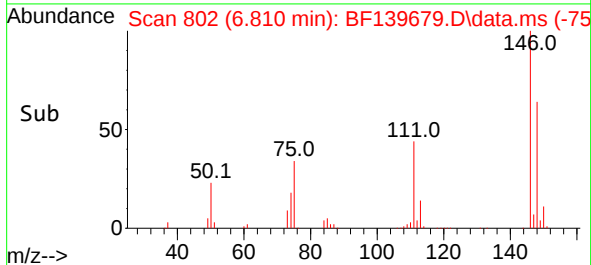
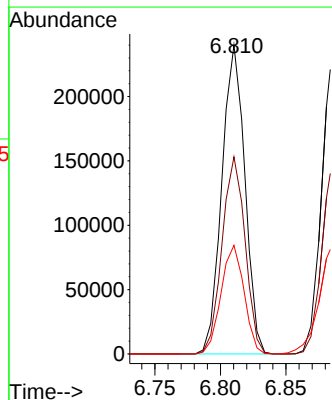
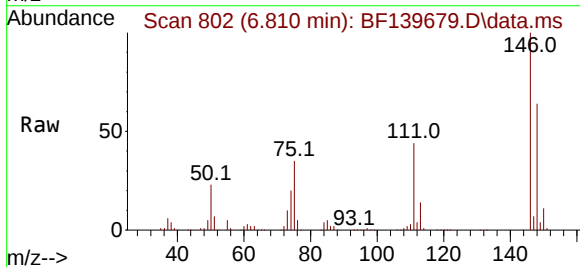
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion: 93 Resp: 286253
Ion Ratio Lower Upper
93 100
63 85.1 64.1 104.1
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.351 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 146 Resp: 292456
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 35.2 28.5 42.7

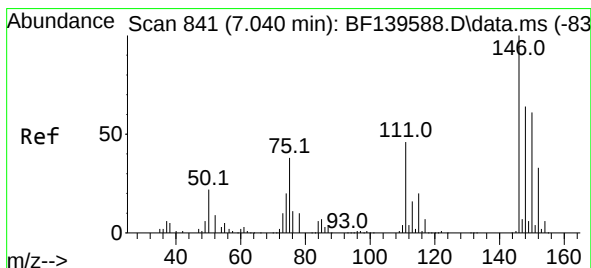
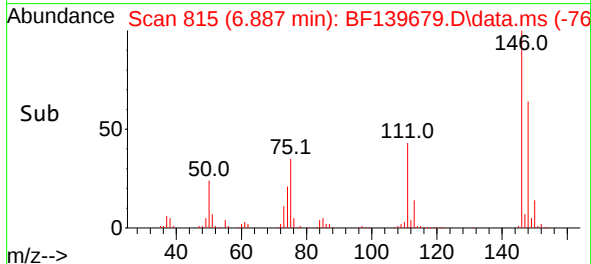
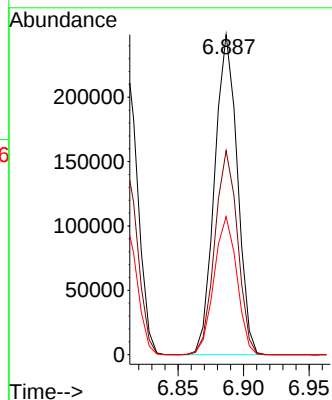
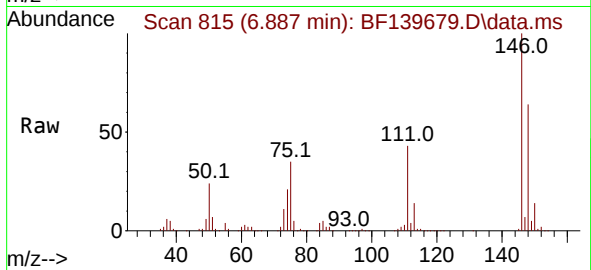




#13
1,4-Dichlorobenzene
Concen: 45.901 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

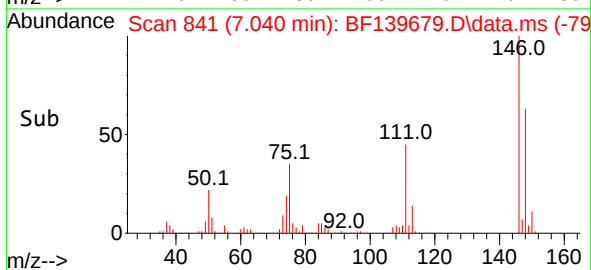
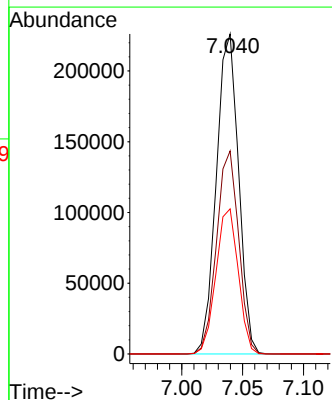
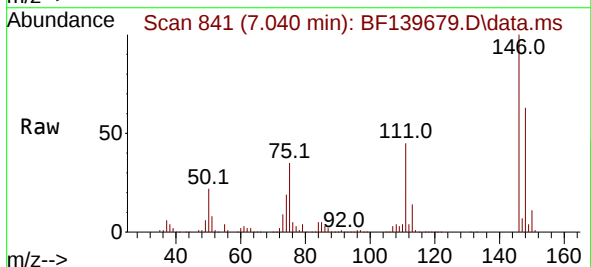
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:146 Resp: 299796
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.964 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:146 Resp: 287480
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 45.4 37.0 55.6

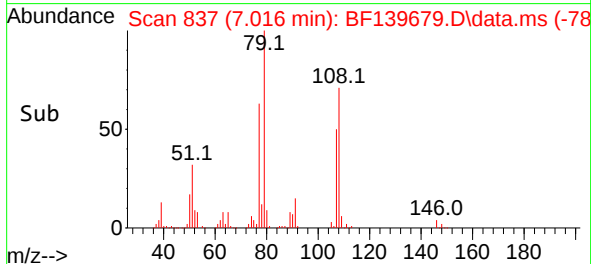
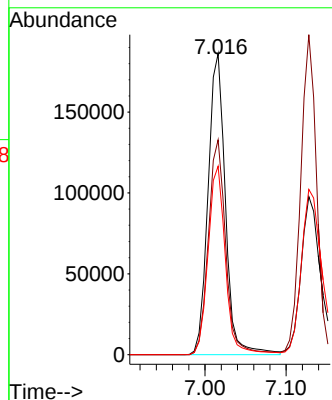
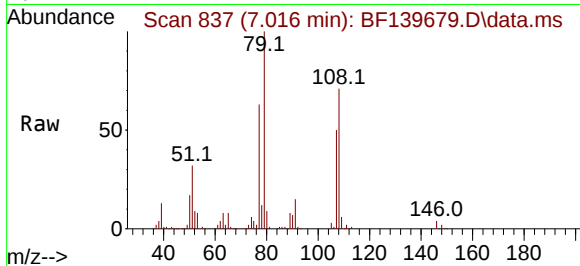




#15
Benzyl Alcohol
Concen: 50.194 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

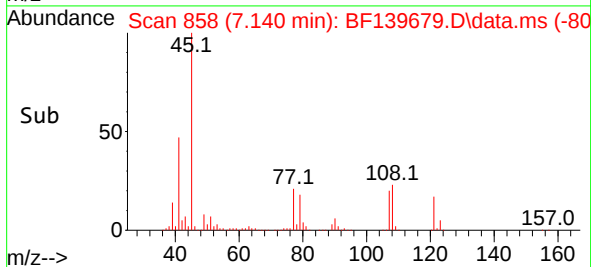
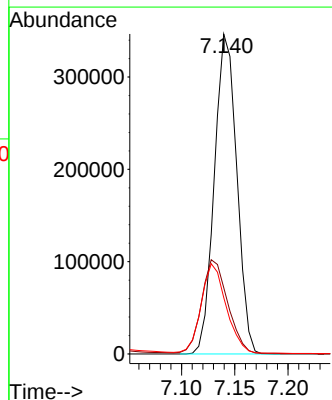
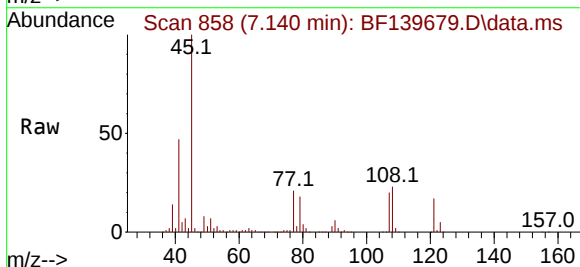
Instrument :
BNA_F
ClientSampleId :
PB163905BS

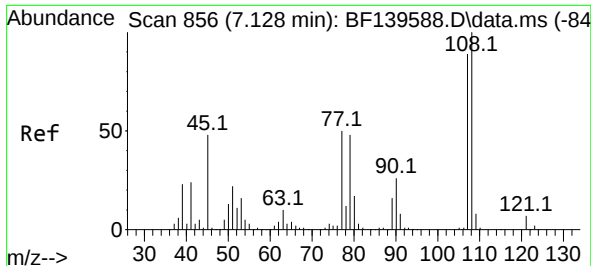
Tgt Ion: 79 Resp: 275948
Ion Ratio Lower Upper
79 100
108 71.4 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 45 Resp: 507163
Ion Ratio Lower Upper
45 100
77 20.7 0.0 32.5
79 17.7 0.0 29.7

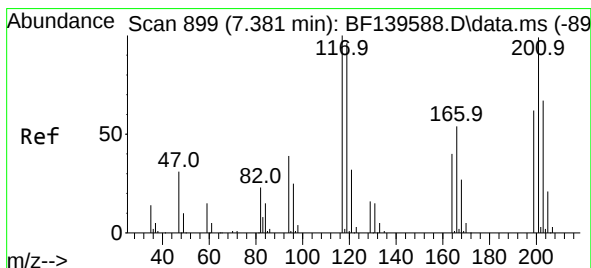
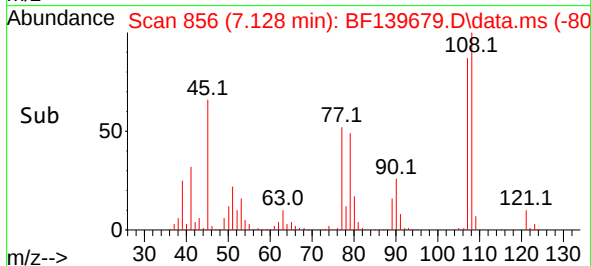
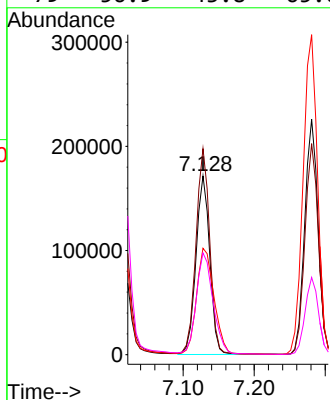
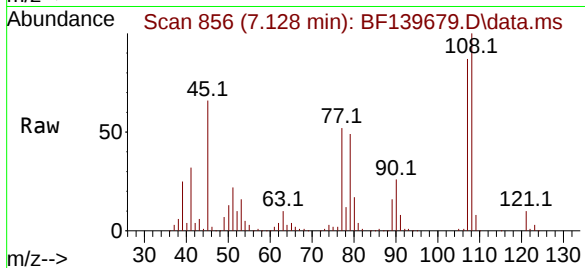




#17
2-Methylphenol
Concen: 48.763 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

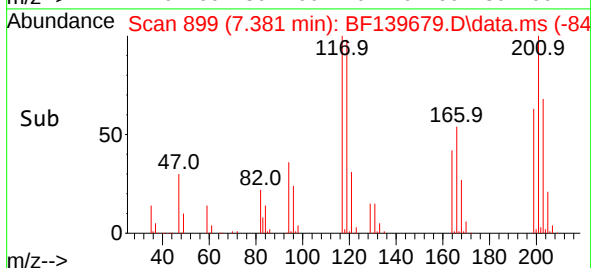
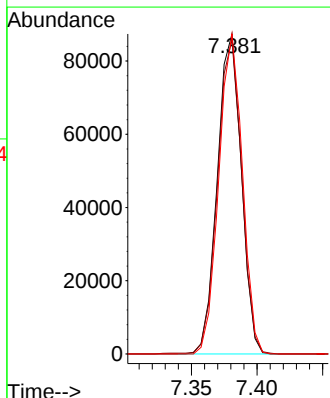
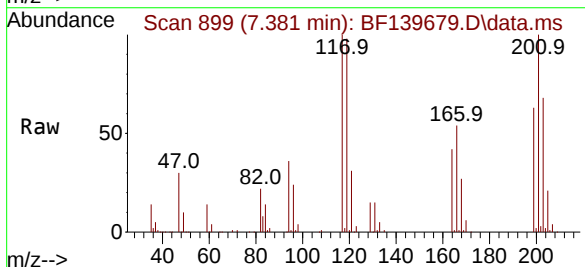
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:	107	Resp:	233361
Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.8	134.6
77	59.5	44.6	67.0
79	56.9	43.8	65.6



#18
Hexachloroethane
Concen: 45.544 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:	117	Resp:	110952
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.0	115.6
201	100.0	79.2	118.8



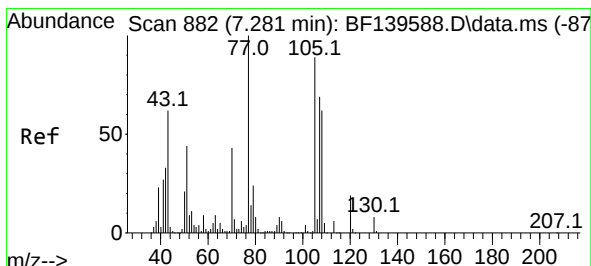
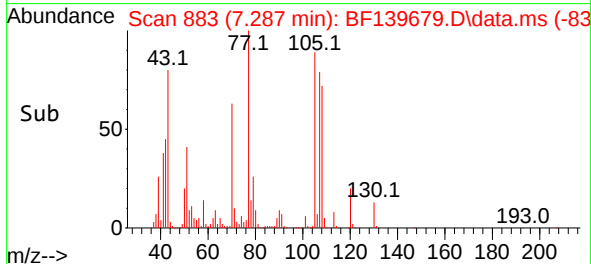
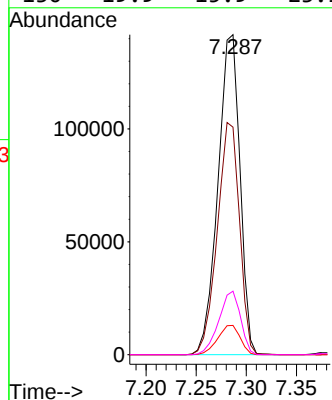
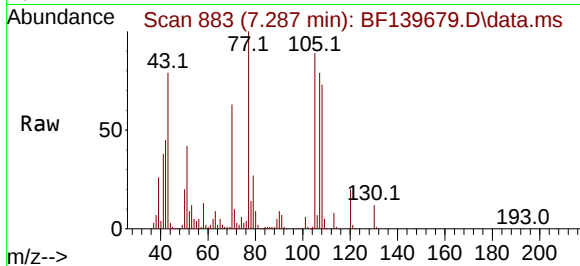


#19
n-Nitroso-di-n-propylamine
Concen: 46.723 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion: 70 Resp: 216138

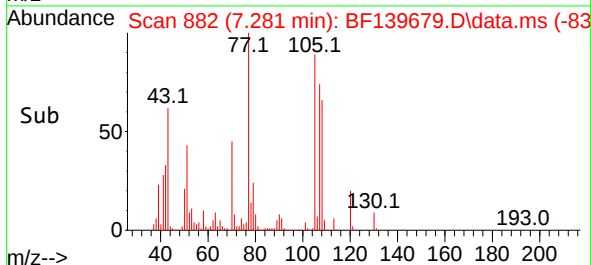
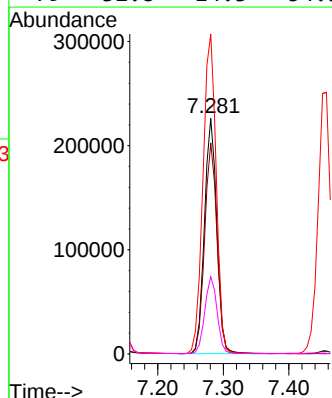
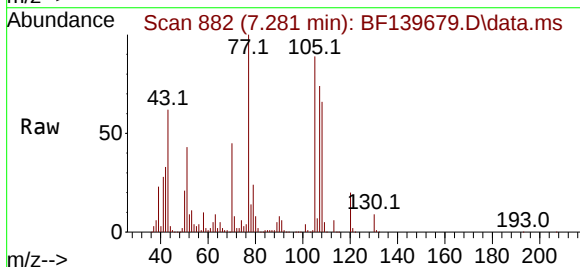
Ion	Ratio	Lower	Upper
70	100		
42	71.1	58.0	87.0
101	9.2	7.8	11.8
130	19.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.279 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 107 Resp: 296212

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.2	110.2
77	135.9	125.3	165.3
79	32.8	14.3	54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

Tgt Ion:136 Resp: 365857

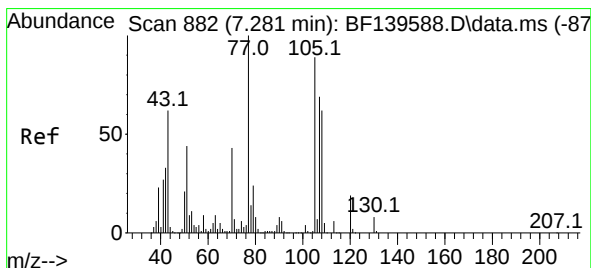
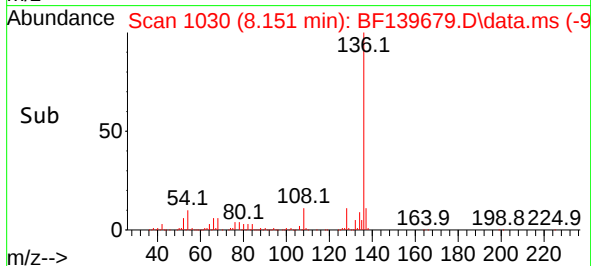
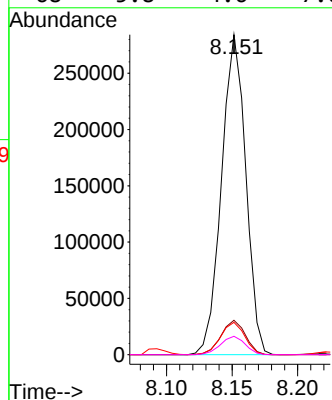
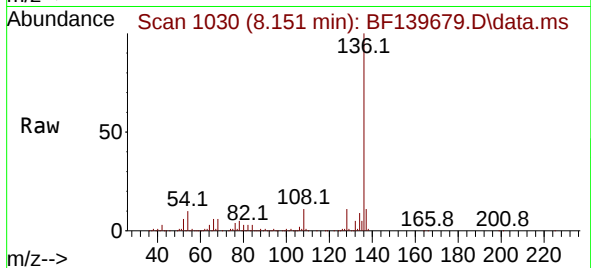
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.1 8.3 12.5

68 5.8 4.6 7.0



#22
Acetophenone
Concen: 45.331 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:105 Resp: 393671

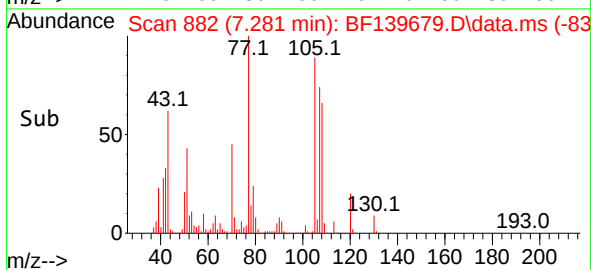
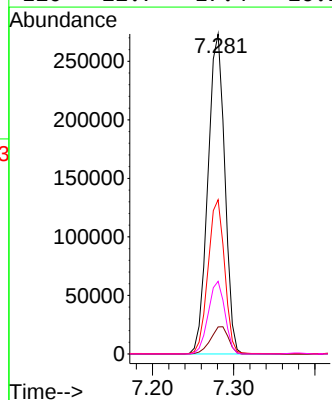
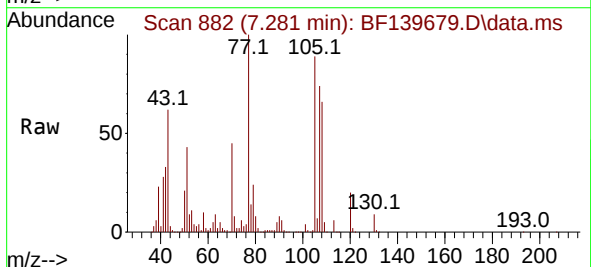
Ion Ratio Lower Upper

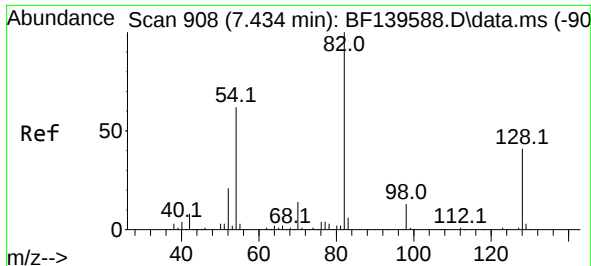
105 100

71 8.4 6.6 10.0

51 48.2 39.4 59.0

120 22.7 17.4 26.2

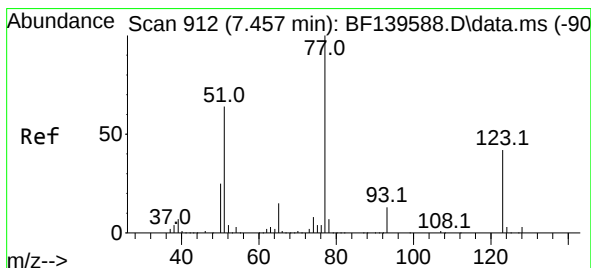
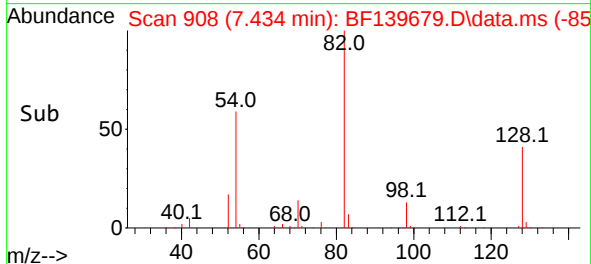
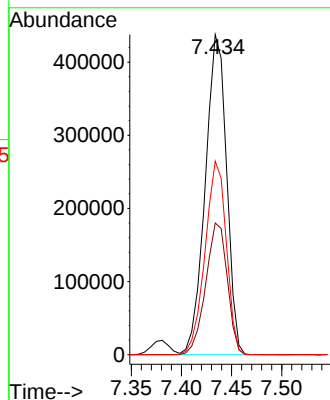
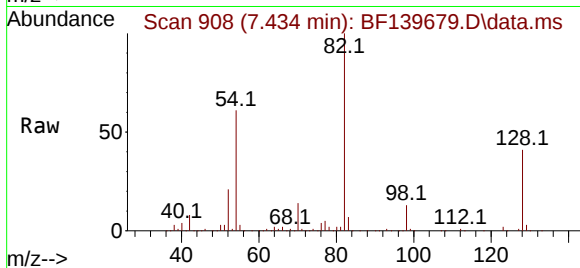




#23
Nitrobenzene-d5
Concen: 89.648 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

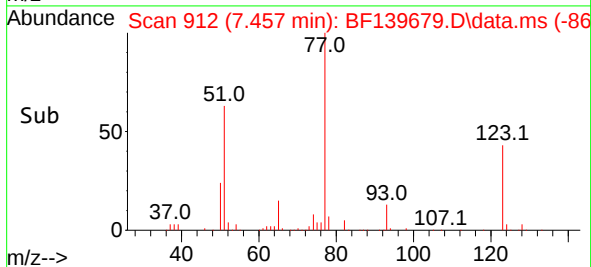
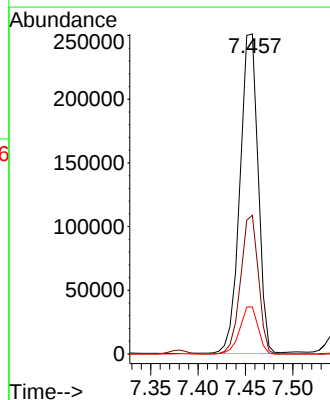
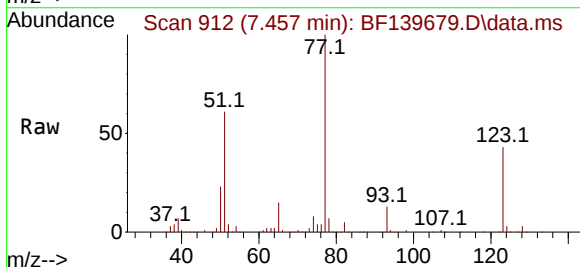
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion: 82 Resp: 647804
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 60.5 49.1 73.7



#24
Nitrobenzene
Concen: 44.754 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 77 Resp: 334876
Ion Ratio Lower Upper
77 100
123 43.4 34.2 51.4
65 14.7 12.1 18.1

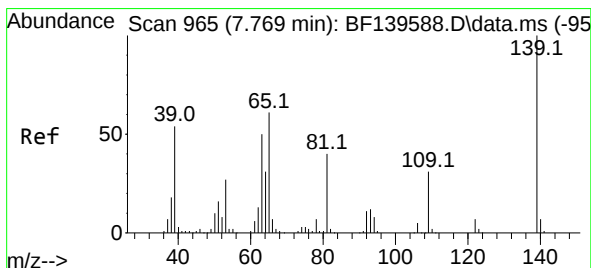
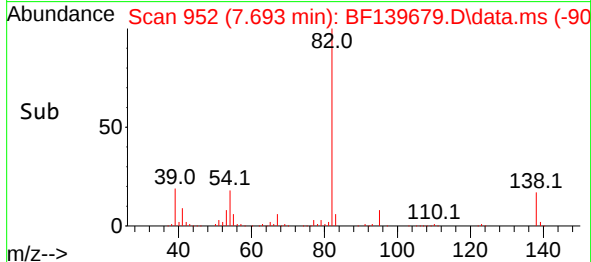
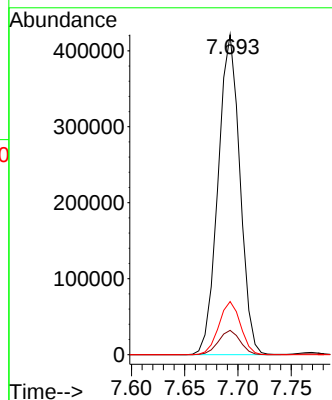
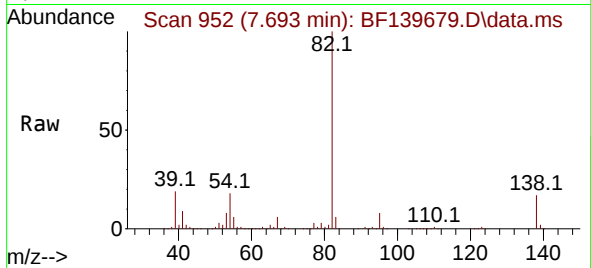




#25
Isophorone
Concen: 46.756 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

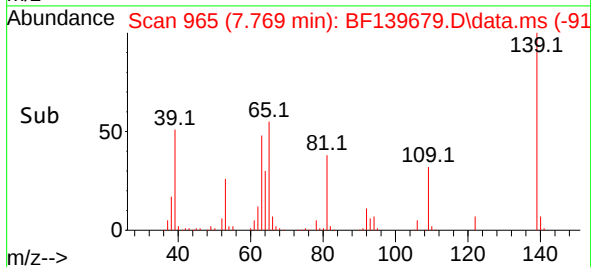
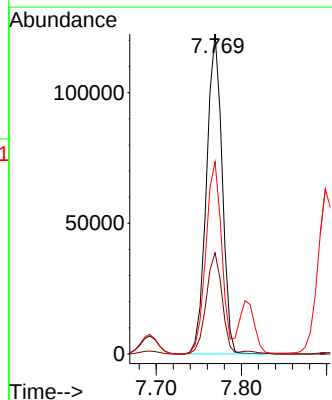
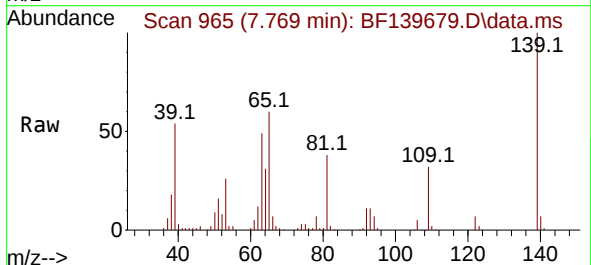
Instrument :
BNA_F
ClientSampleId :
PB163905BS

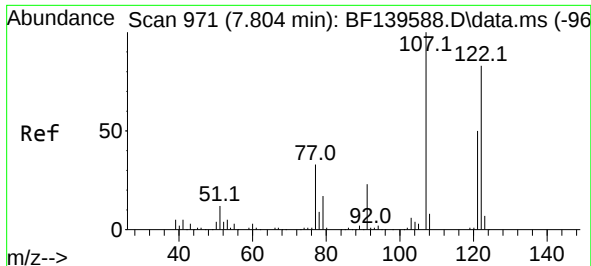
Tgt Ion: 82 Resp: 600085
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 48.455 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:139 Resp: 155866
Ion Ratio Lower Upper
139 100
109 31.6 24.9 37.3
65 60.1 48.6 72.8

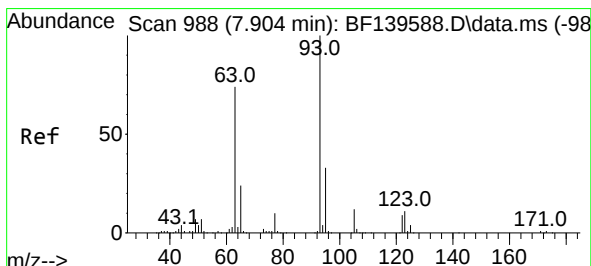
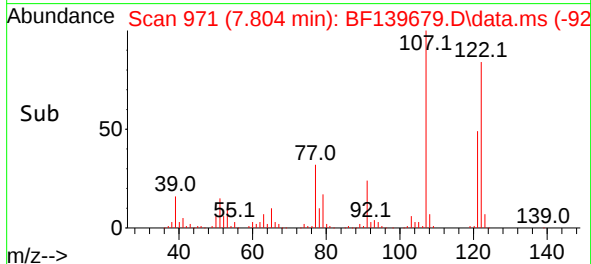
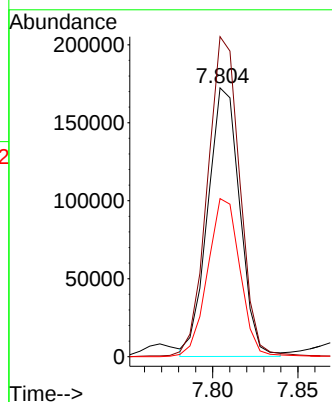
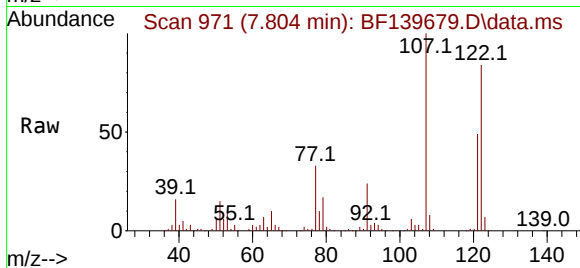




#27
2,4-Dimethylphenol
Concen: 57.369 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

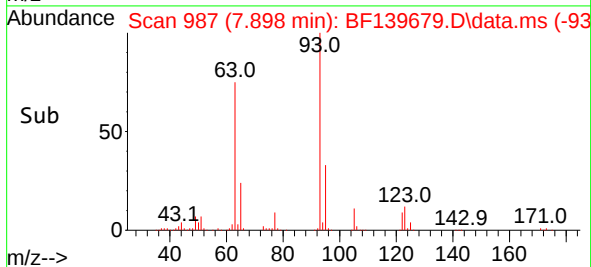
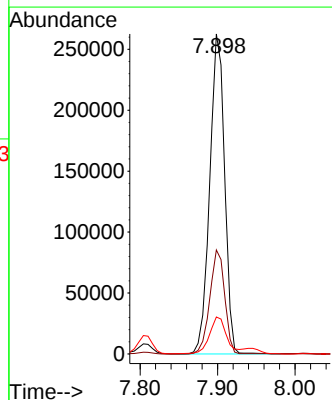
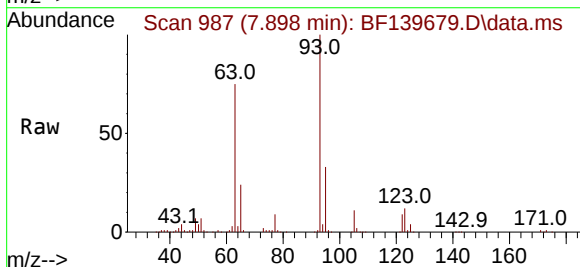
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:122 Resp: 225915
Ion Ratio Lower Upper
122 100
107 119.0 95.4 143.0
121 58.8 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.713 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion: 93 Resp: 350338
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.360 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

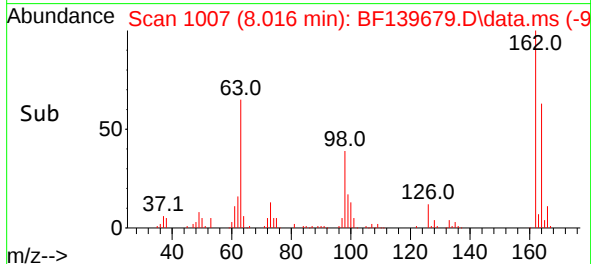
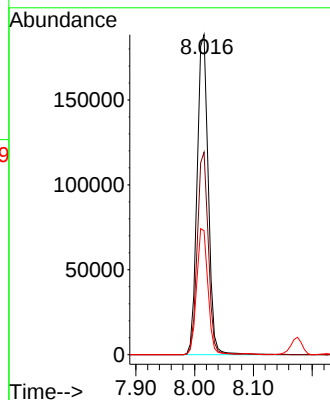
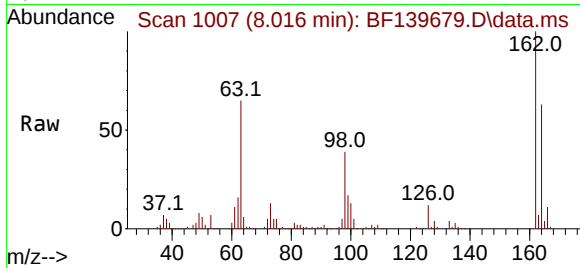
Tgt Ion:162 Resp: 248396

Ion Ratio Lower Upper

162 100

164 63.3 43.1 83.1

98 38.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 42.967 ng

RT: 8.092 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

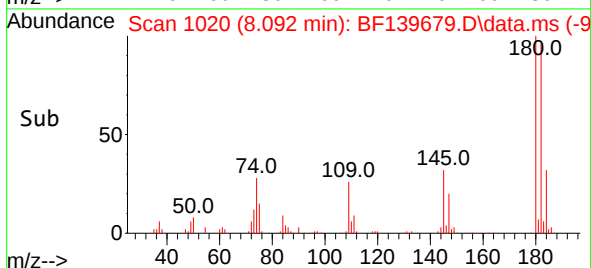
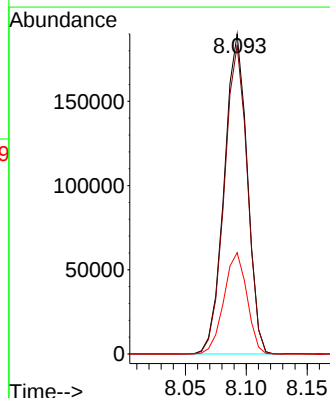
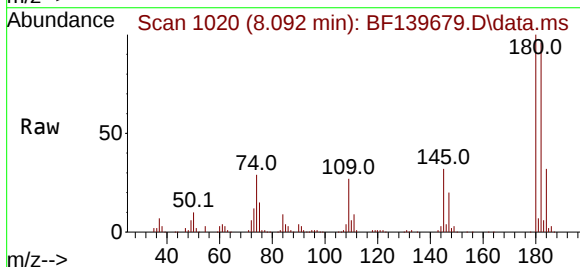
Tgt Ion:180 Resp: 249586

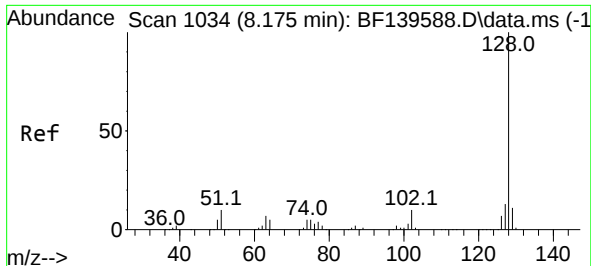
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 31.7 25.0 37.6

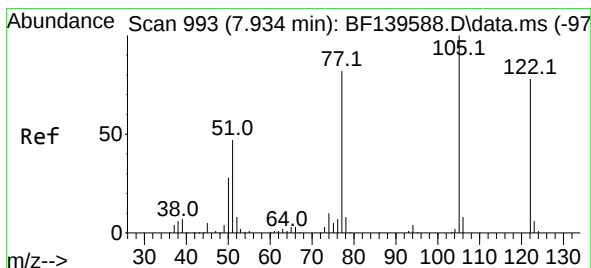
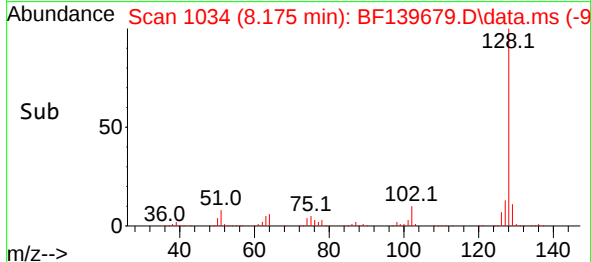
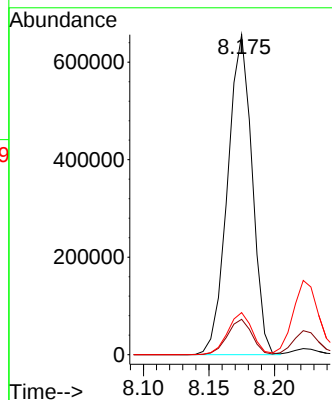
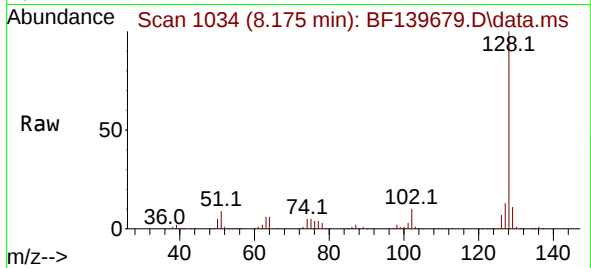




#31
Naphthalene
Concen: 45.573 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

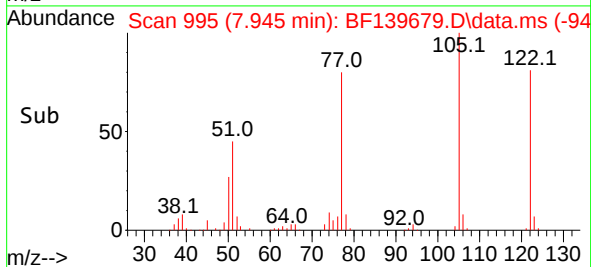
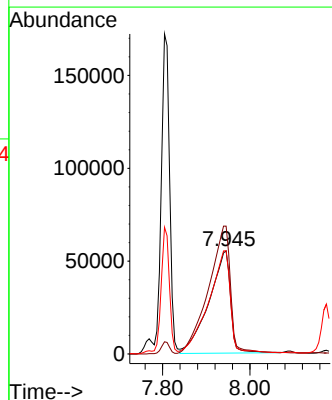
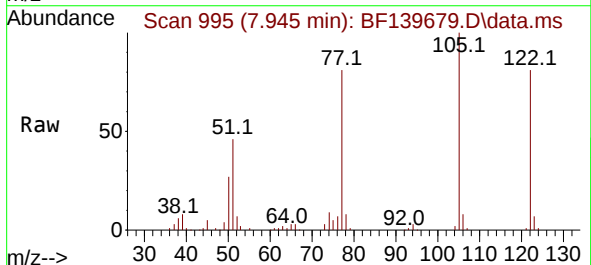
Instrument :
BNA_F
ClientSampleId :
PB163905BS

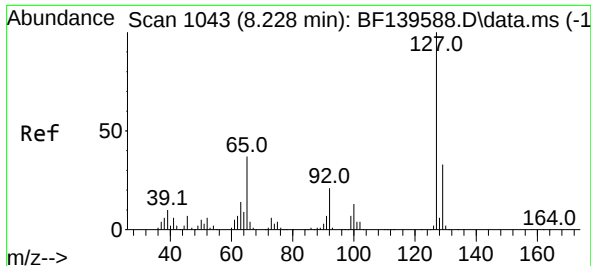
Tgt Ion:128 Resp: 852485
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 48.099 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:122 Resp: 188342
Ion Ratio Lower Upper
122 100
105 124.1 104.9 144.9
77 100.1 82.7 122.7

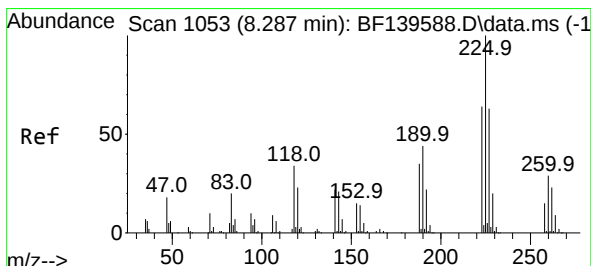
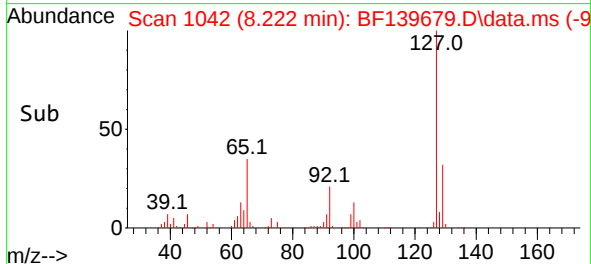
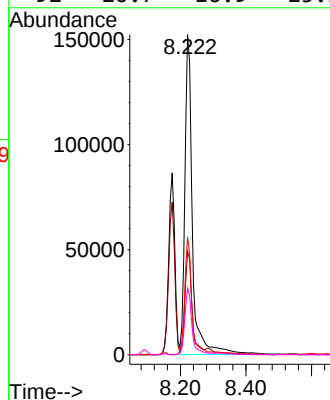
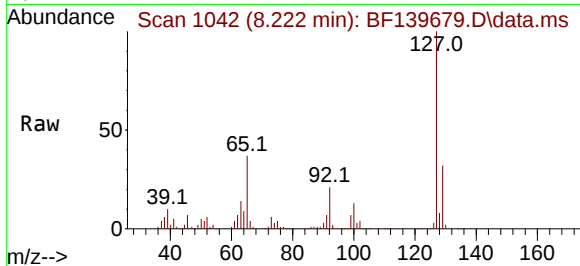




#33
4-Chloroaniline
Concen: 38.069 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

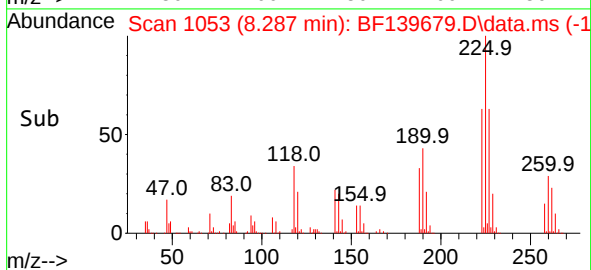
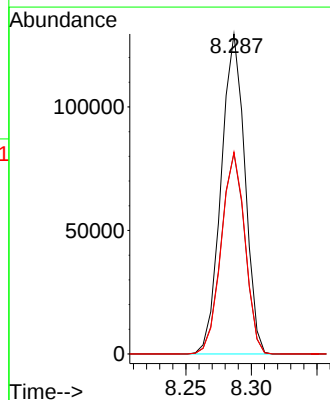
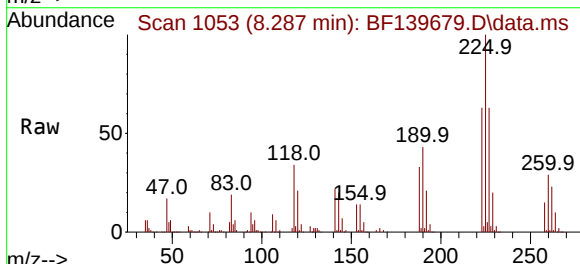
Instrument :
BNA_F
ClientSampleId :
PB163905BS

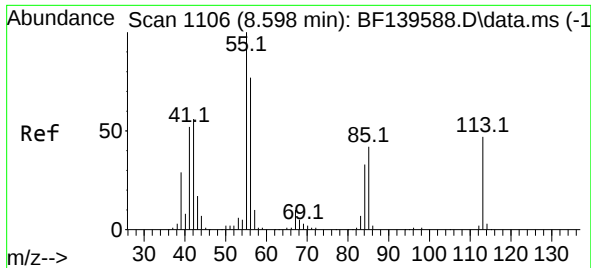
Tgt Ion:	127	Resp:	241046
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	36.7	29.3	43.9
92	20.7	16.9	25.3



#34
Hexachlorobutadiene
Concen: 43.220 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:	225	Resp:	162466
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	63.0	50.7	76.1

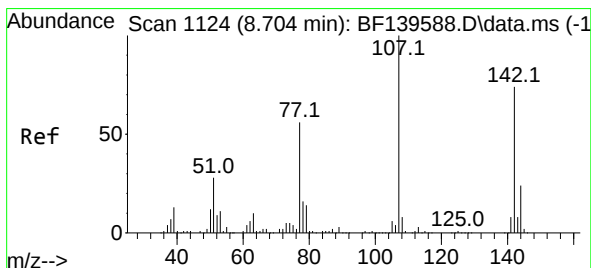
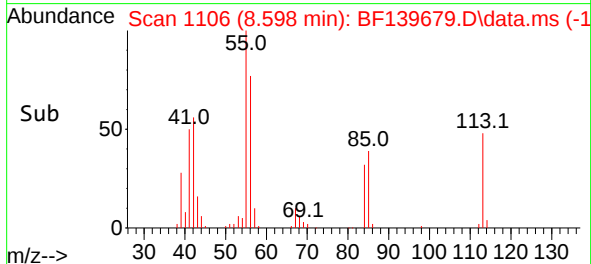
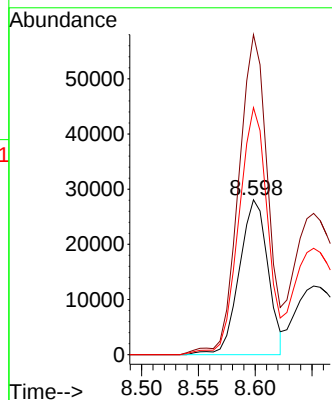
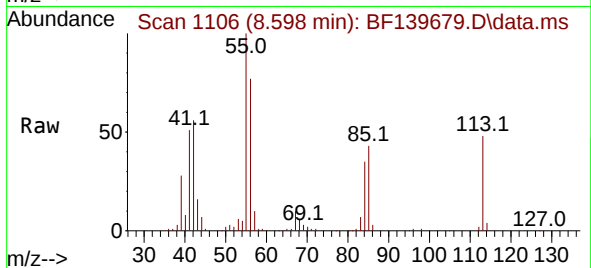




#35
 Caprolactam
 Concen: 29.220 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF139679.D
 Acq: 07 Oct 2024 11:44

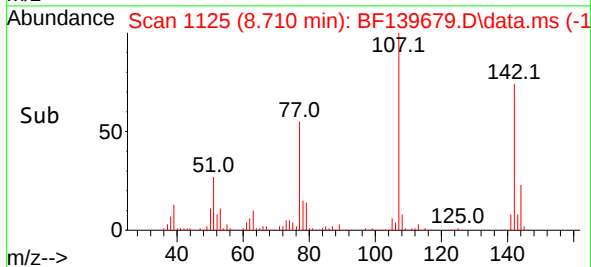
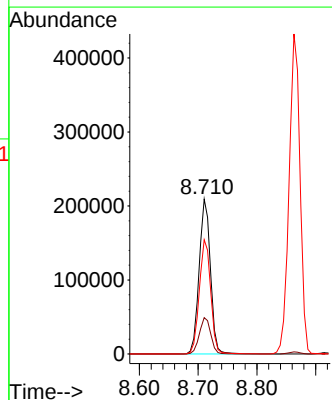
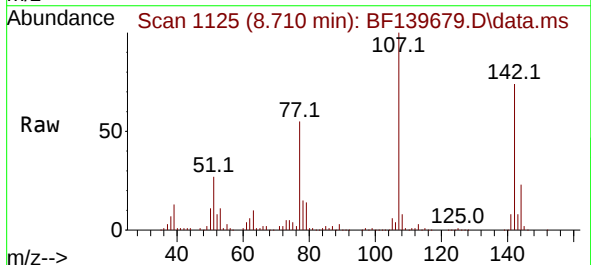
Instrument :
 BNA_F
 ClientSampleId :
 PB163905BS

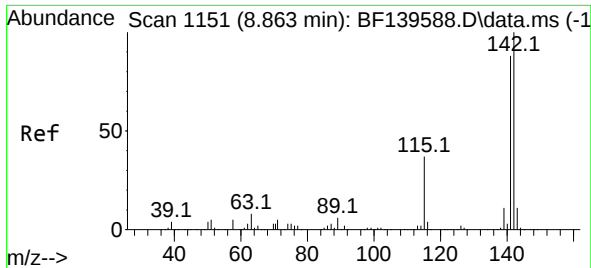
Tgt Ion:113 Resp: 49227
 Ion Ratio Lower Upper
 113 100
 55 206.6 193.4 233.4
 56 159.5 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.083 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139679.D
 Acq: 07 Oct 2024 11:44

Tgt Ion:107 Resp: 279578
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.0 28.6
 142 73.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.848 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

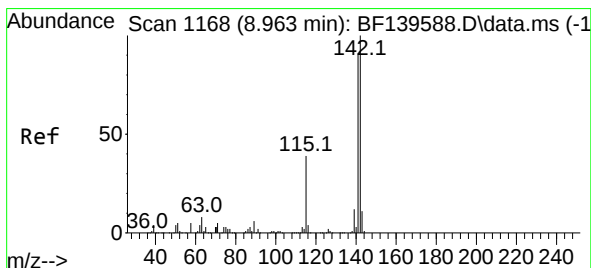
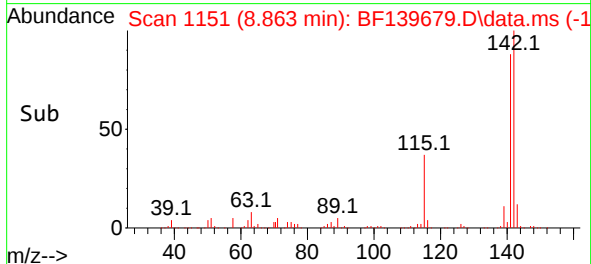
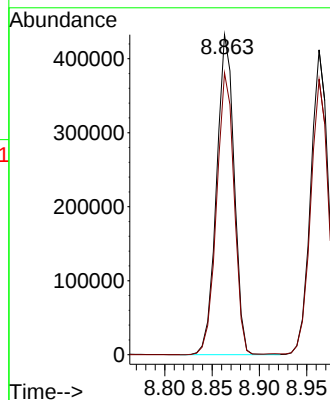
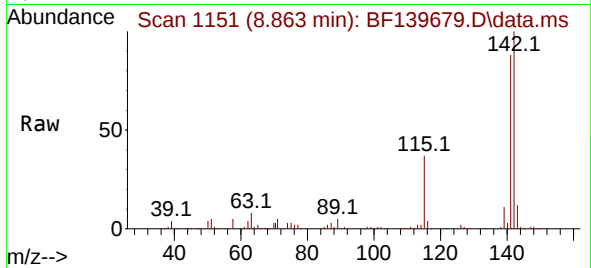
PB163905BS

Tgt Ion:142 Resp: 558559

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.999 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF139679.D

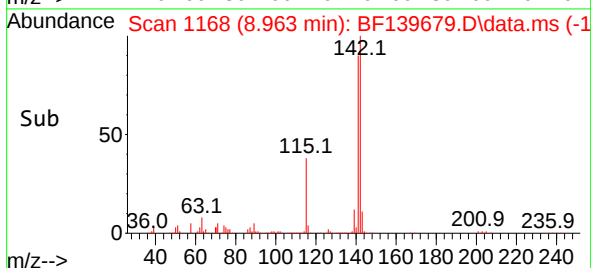
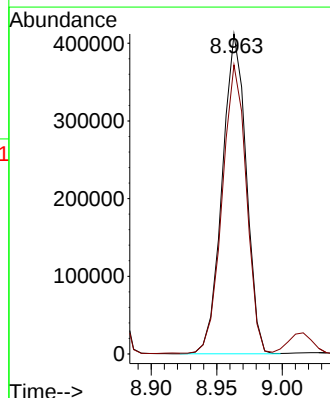
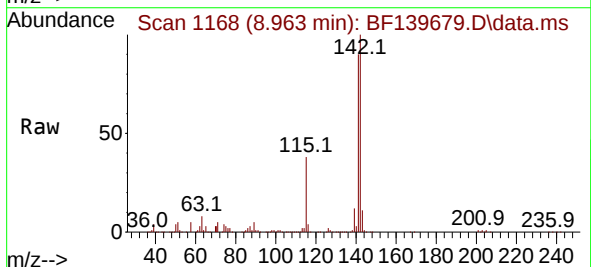
Acq: 07 Oct 2024 11:44

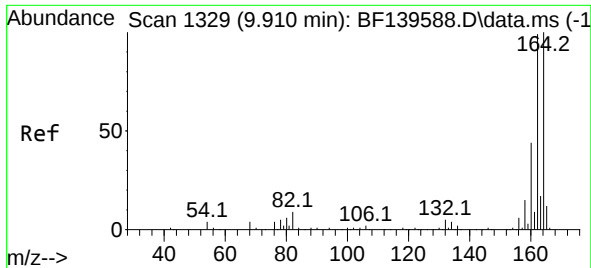
Tgt Ion:142 Resp: 523964

Ion Ratio Lower Upper

142 100

141 90.3 73.0 109.4

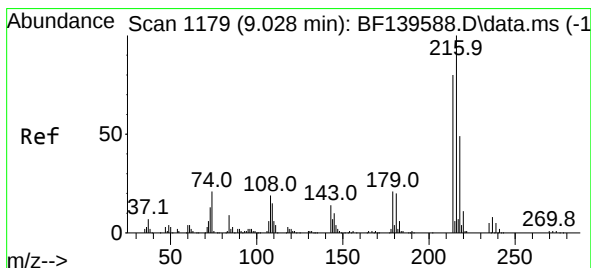
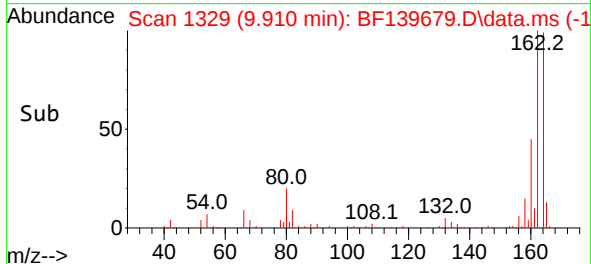
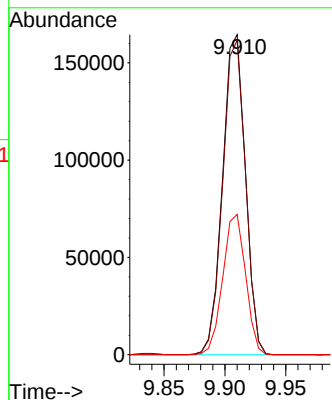
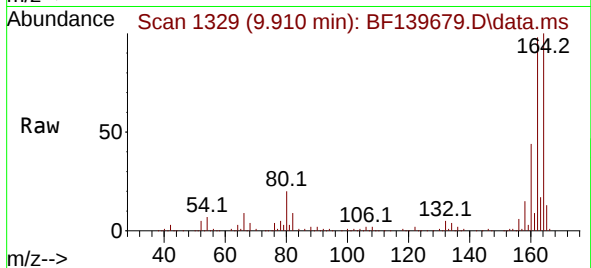




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

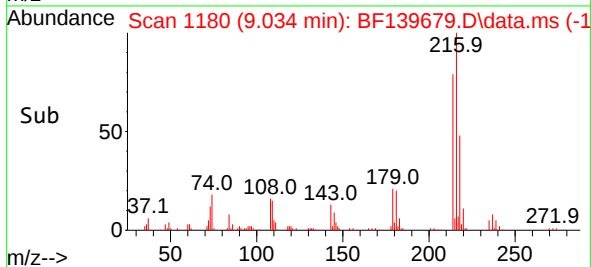
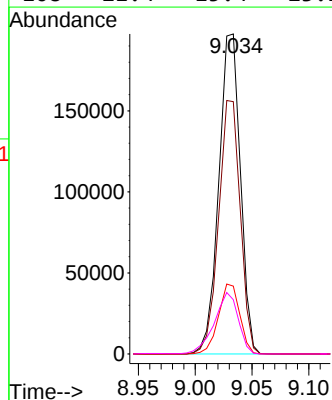
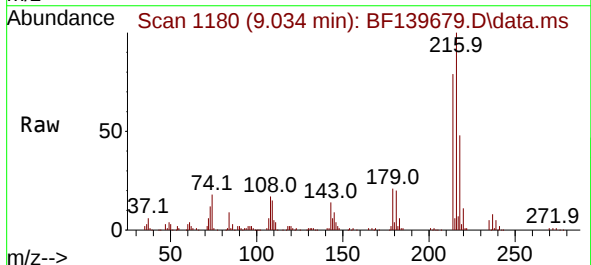
Instrument :
BNA_F
ClientSampleId :
PB163905BS

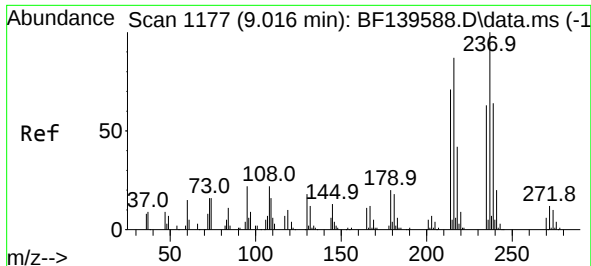
Tgt Ion:164 Resp: 215100
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 43.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.738 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:216 Resp: 261247
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.6 16.9 25.3
108 21.4 15.4 23.2

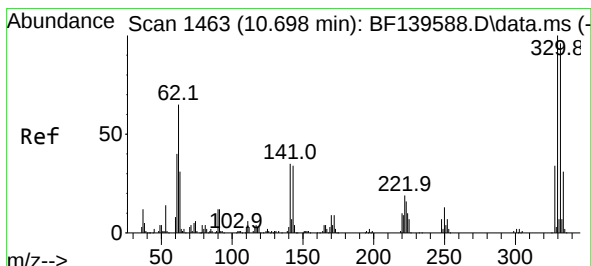
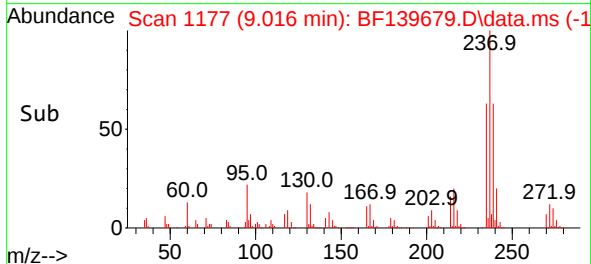
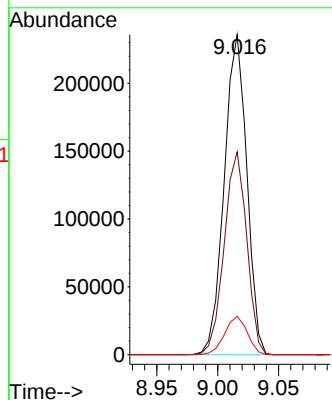
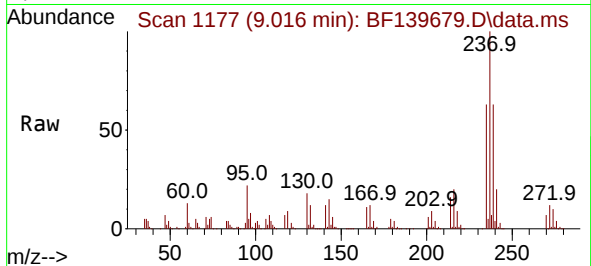




#41
Hexachlorocyclopentadiene
Concen: 166.363 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

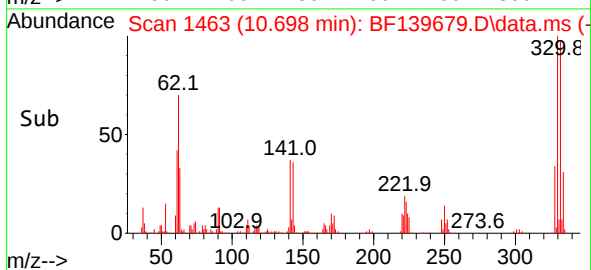
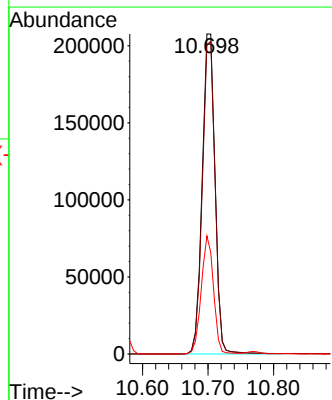
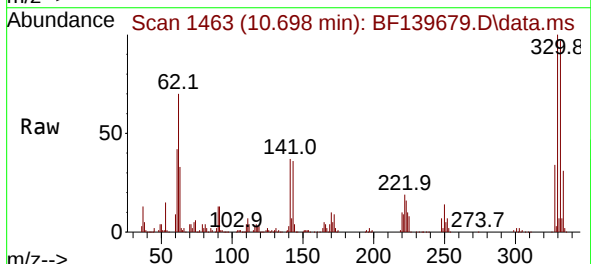
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:237 Resp: 304691
Ion Ratio Lower Upper
237 100
235 63.4 42.5 82.5
272 12.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 136.860 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:330 Resp: 284182
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 35.2 29.3 43.9

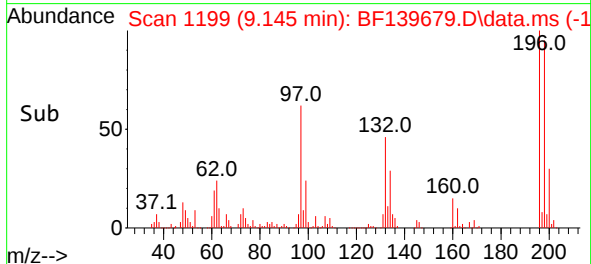
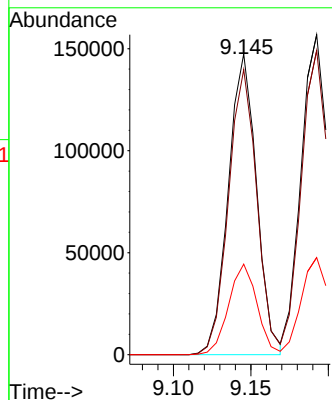
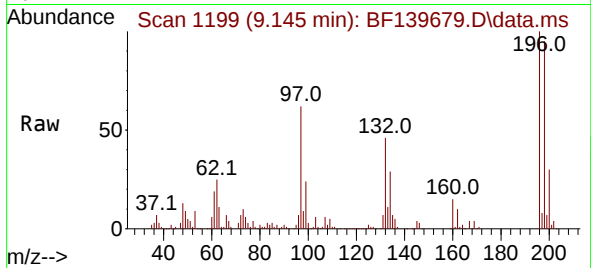




#43
2,4,6-Trichlorophenol
Concen: 46.461 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

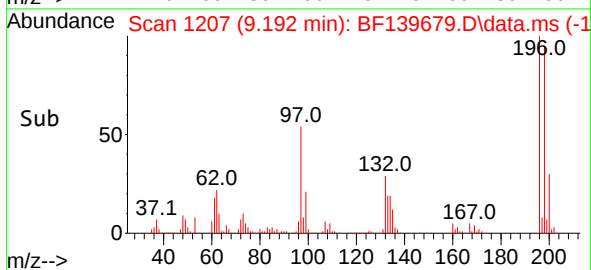
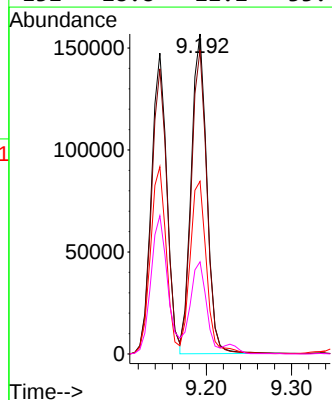
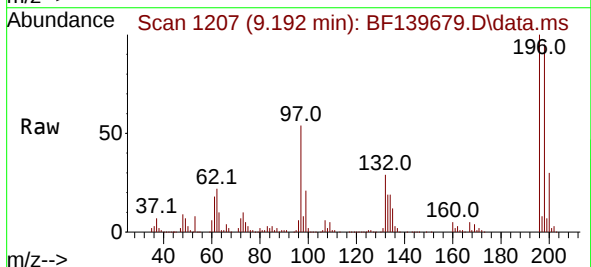
Instrument :
BNA_F
ClientSampleId :
PB163905BS

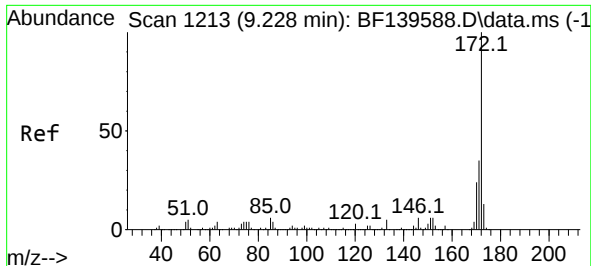
Tgt Ion:196 Resp: 187079
Ion Ratio Lower Upper
196 100
198 94.8 75.2 112.8
200 30.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.908 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:196 Resp: 199350
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 54.0 43.1 64.7
132 28.8 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 86.445 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

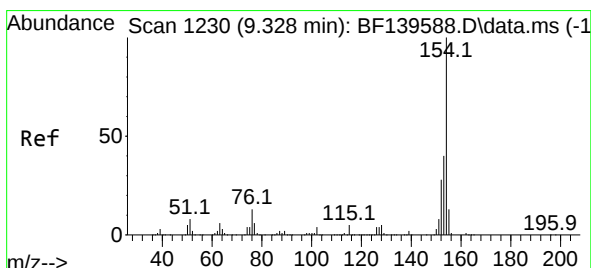
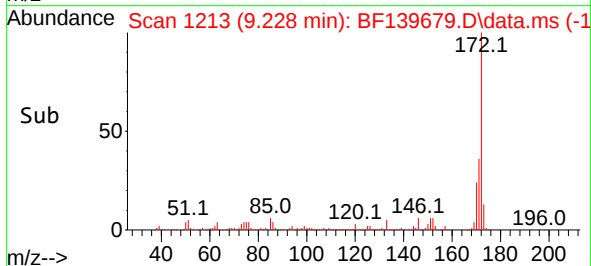
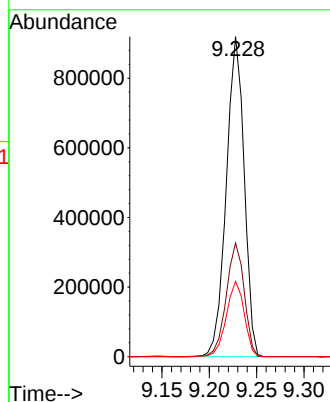
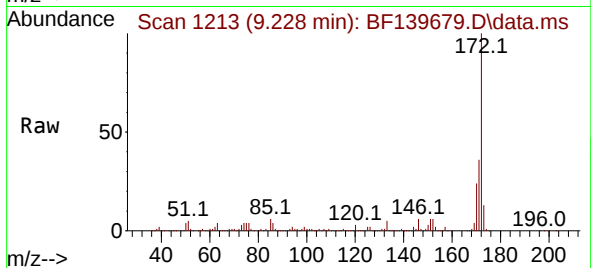
Tgt Ion:172 Resp: 1211208

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.144 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

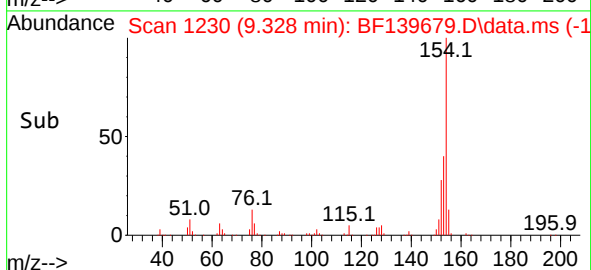
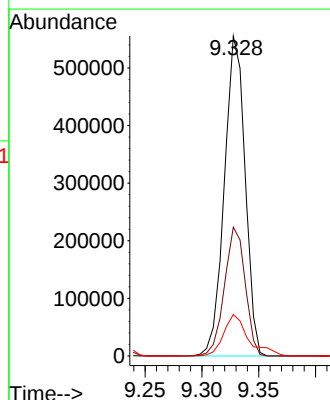
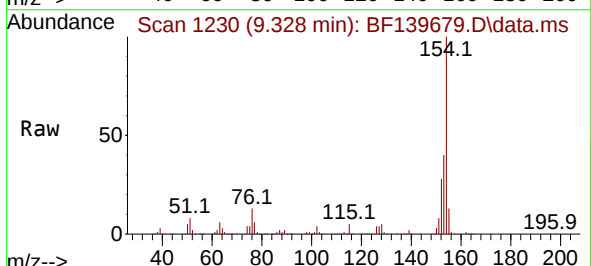
Tgt Ion:154 Resp: 706233

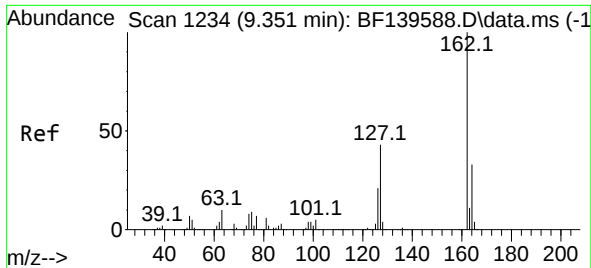
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.9 0.0 32.6

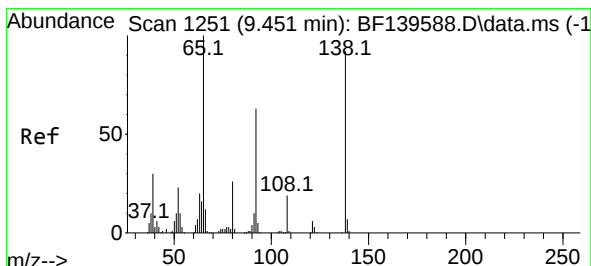
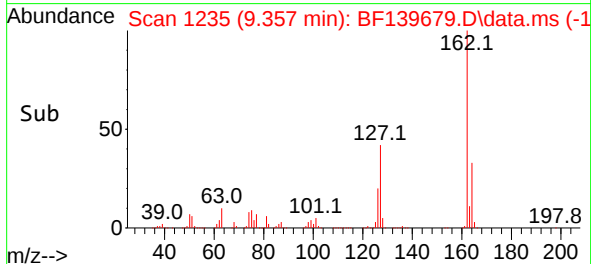
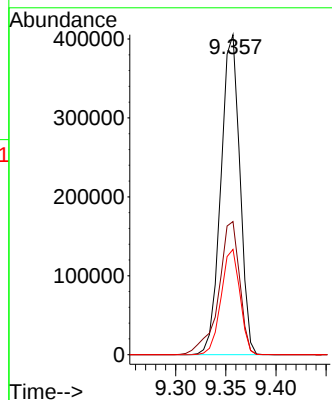
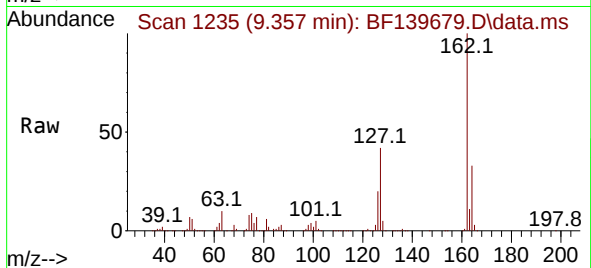




#47
2-Chloronaphthalene
Concen: 44.392 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

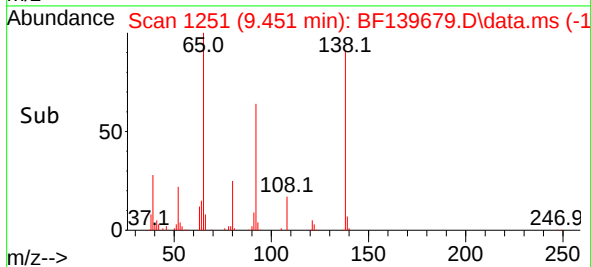
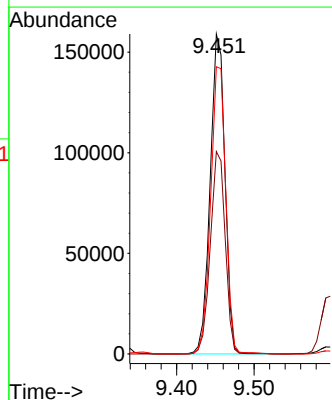
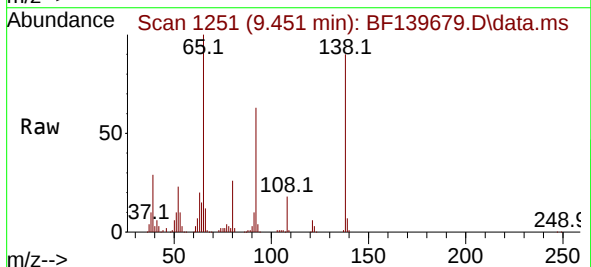
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:162 Resp: 532416
Ion Ratio Lower Upper
162 100
127 41.6 35.0 52.4
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 48.996 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

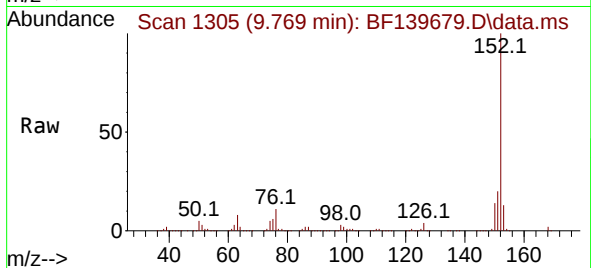
Tgt Ion: 65 Resp: 210944
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 89.7 73.8 110.8



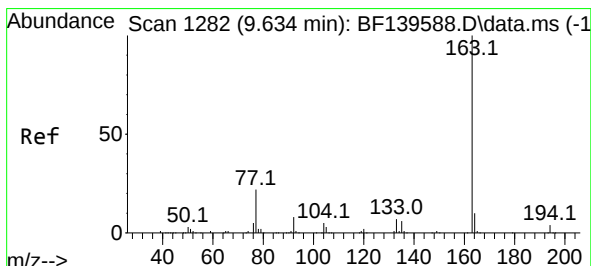
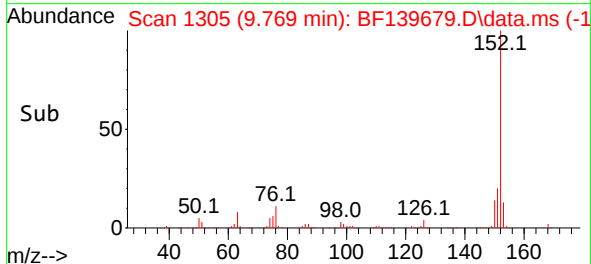
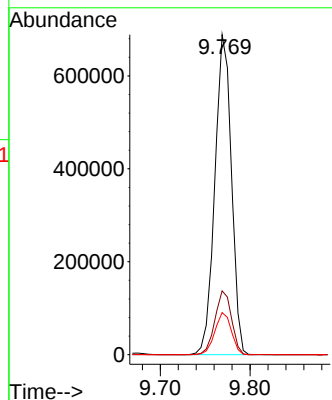


#49
Acenaphthylene
Concen: 48.499 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB163905BS

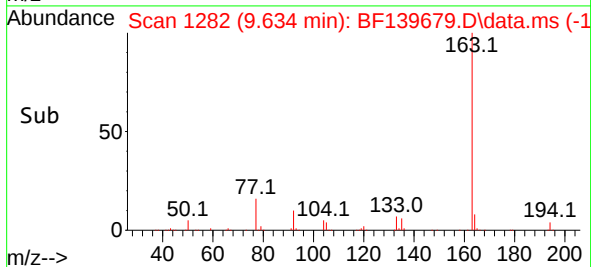
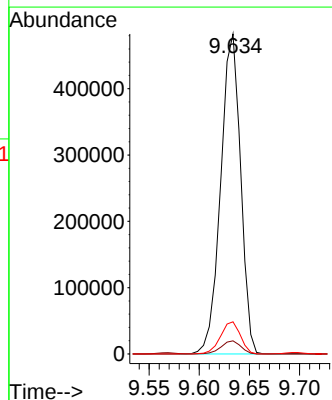
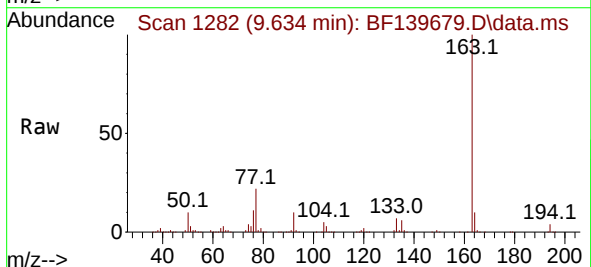


Tgt Ion:152 Resp: 884596
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 47.220 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:163 Resp: 664889
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

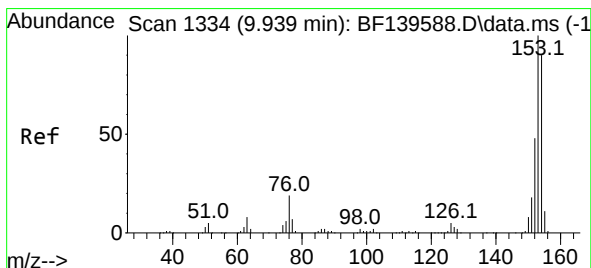
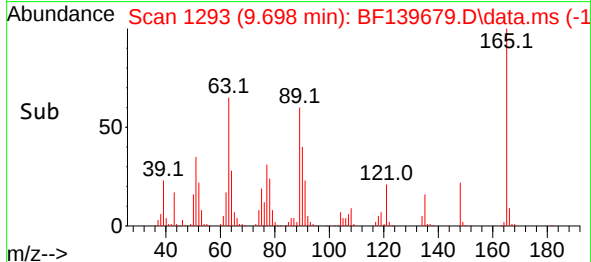
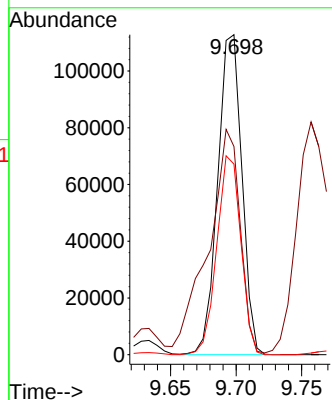
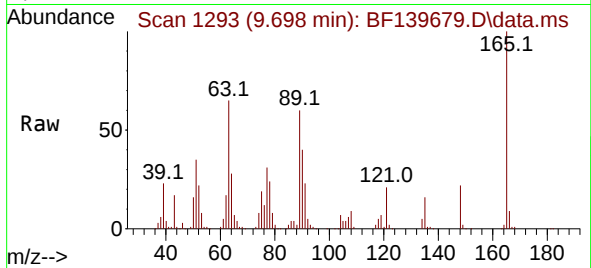




#51
2,6-Dinitrotoluene
Concen: 45.454 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

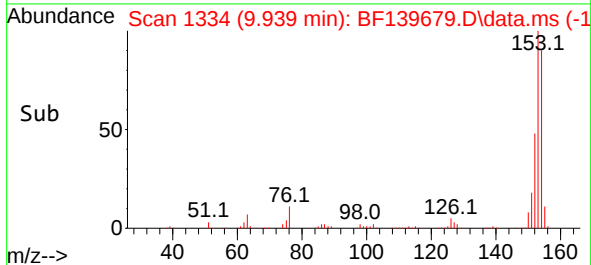
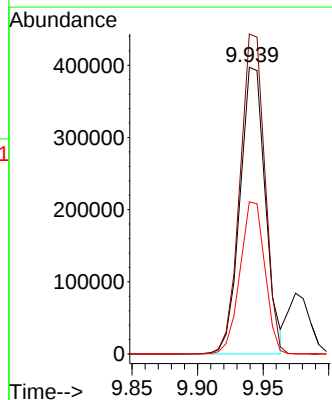
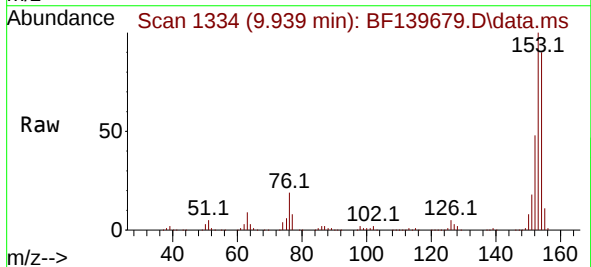
Instrument :
BNA_F
ClientSampleId :
PB163905BS

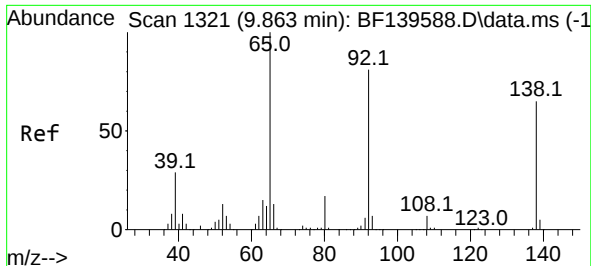
Tgt Ion:165 Resp: 144579
Ion Ratio Lower Upper
165 100
63 65.0 56.7 85.1
89 59.6 51.6 77.4



#52
Acenaphthene
Concen: 42.768 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:154 Resp: 535520
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.1 42.5 63.7





#53

3-Nitroaniline

Concen: 41.942 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

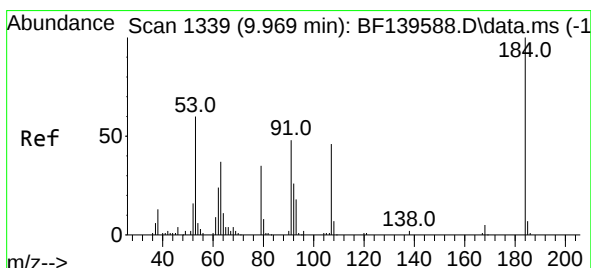
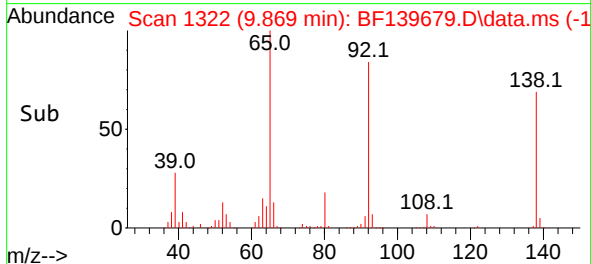
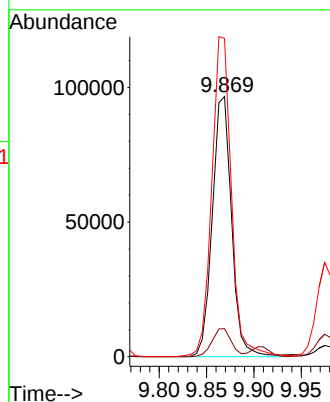
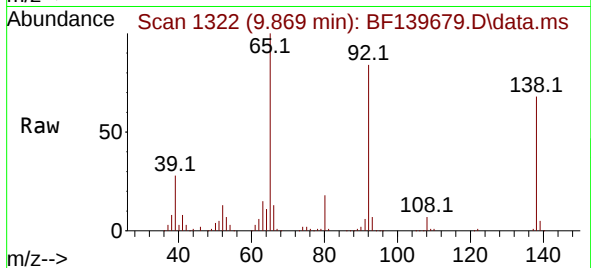
Tgt Ion:138 Resp: 136330

Ion Ratio Lower Upper

138 100

108 10.7 8.8 13.2

92 122.4 100.0 150.0



#54

2,4-Dinitrophenol

Concen: 104.806 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

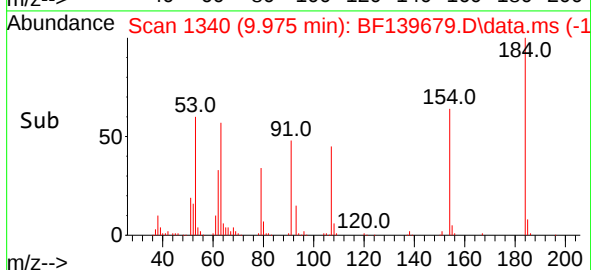
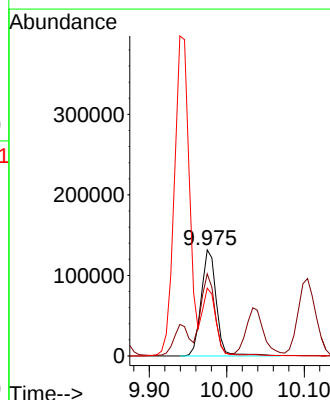
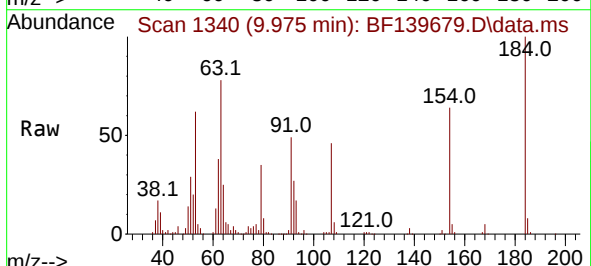
Tgt Ion:184 Resp: 179304

Ion Ratio Lower Upper

184 100

63 77.5 61.7 92.5

154 64.0 53.0 79.4

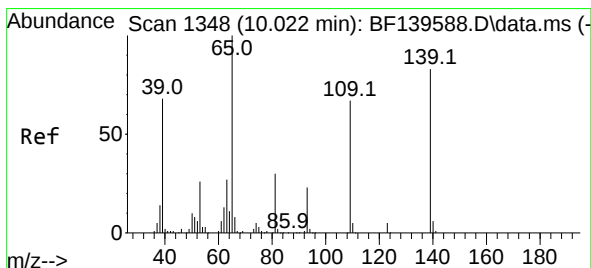
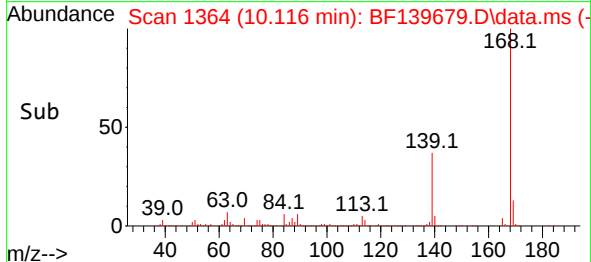
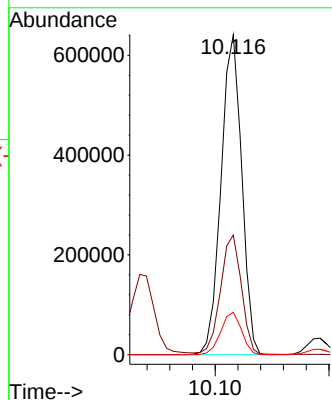
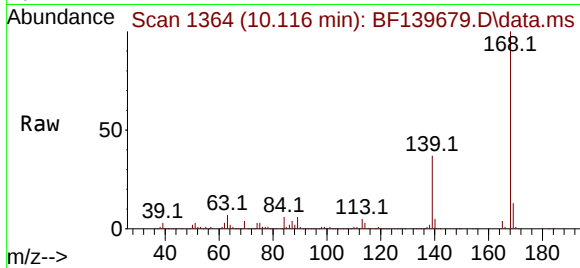




#55
Dibenzenofuran
Concen: 46.269 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

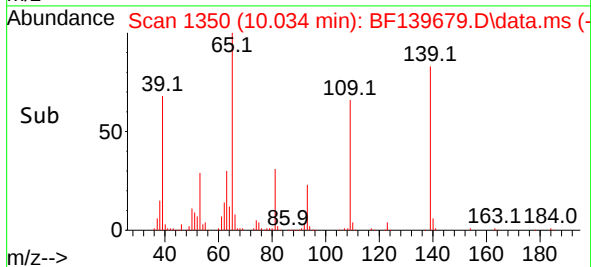
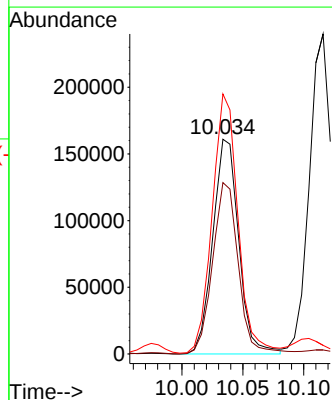
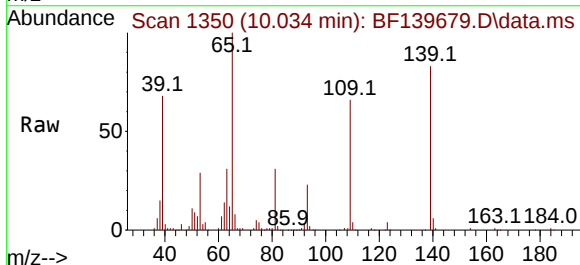
Instrument :
BNA_F
ClientSampleId :
PB163905BS

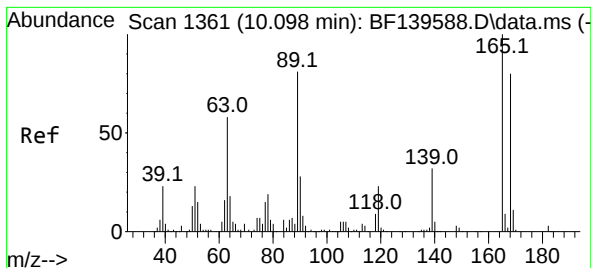
Tgt Ion:168 Resp: 811186
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 96.405 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:139 Resp: 238965
Ion Ratio Lower Upper
139 100
109 79.8 60.3 100.3
65 121.1 100.8 140.8

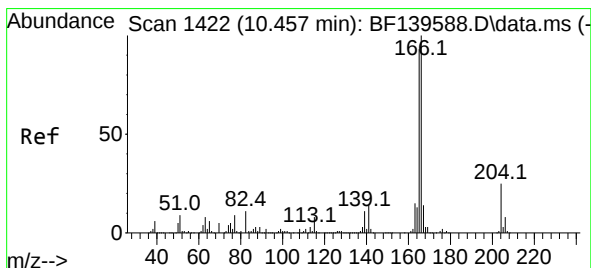
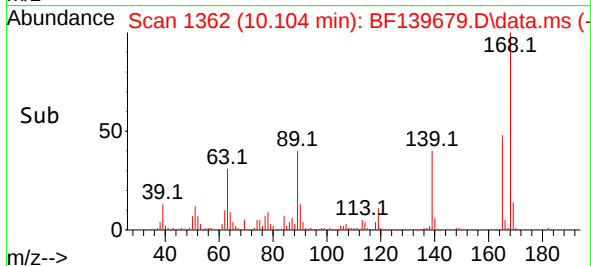
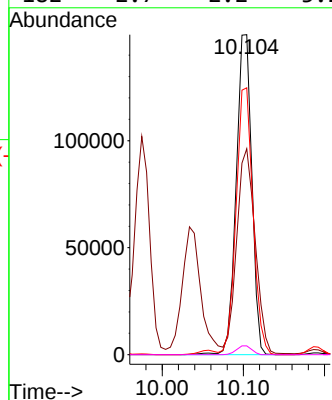
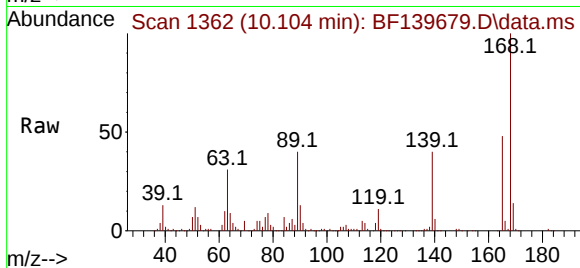




#57
2,4-Dinitrotoluene
Concen: 47.898 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

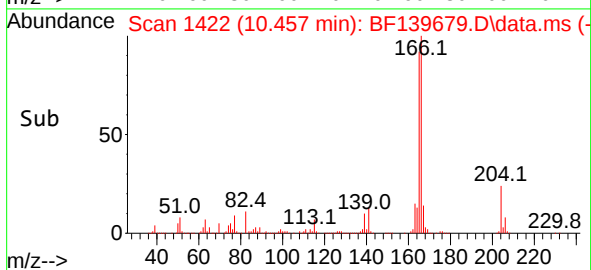
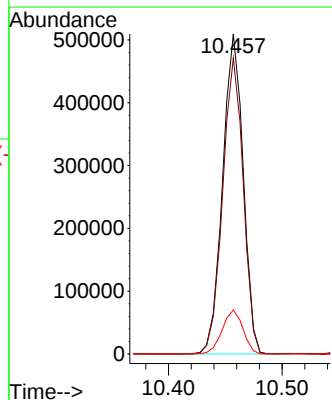
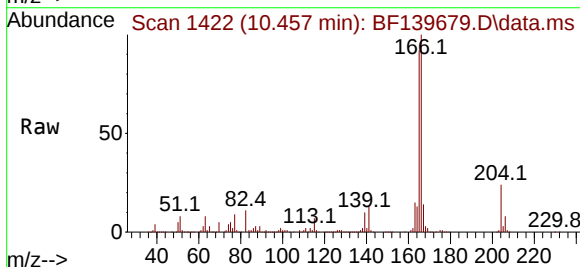
Instrument :
BNA_F
ClientSampleId :
PB163905BS

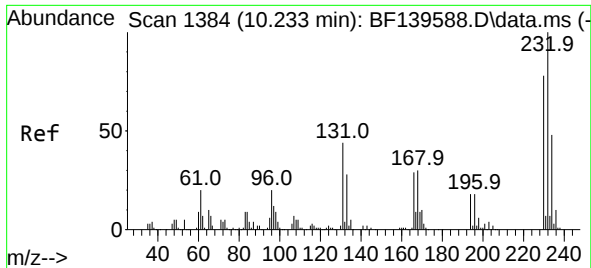
Tgt Ion:165 Resp: 199143
Ion Ratio Lower Upper
165 100
63 64.3 46.9 70.3
89 83.4 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.896 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

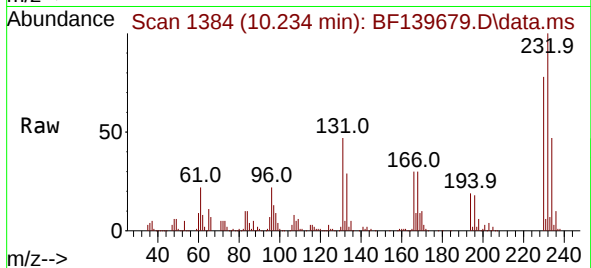
Tgt Ion:166 Resp: 640872
Ion Ratio Lower Upper
166 100
165 92.5 74.4 111.6
167 13.8 10.9 16.3



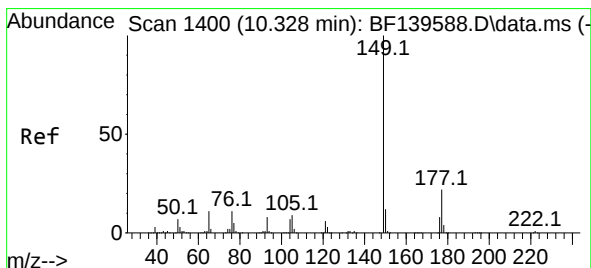
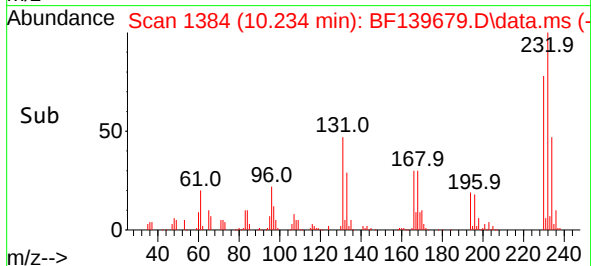
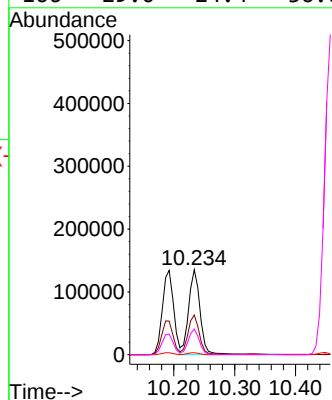


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.219 ng
RT: 10.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB163905BS

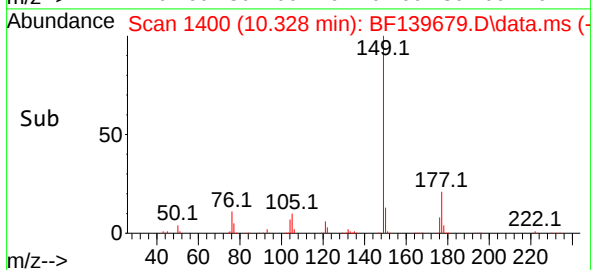
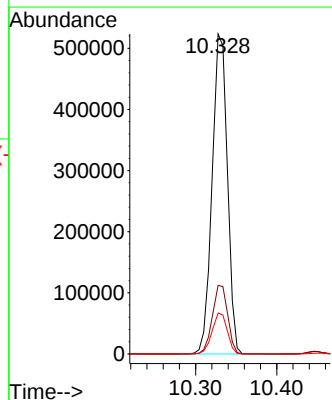
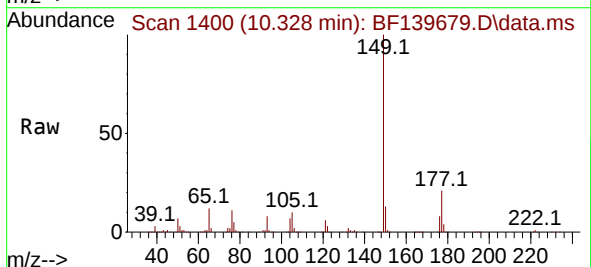


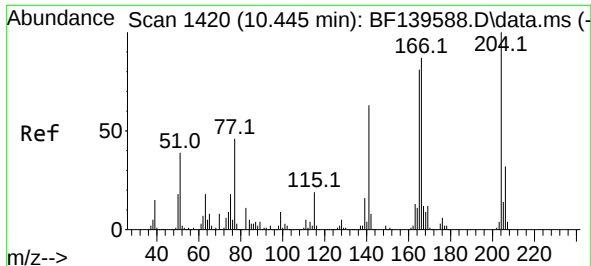
Tgt Ion:232 Resp: 176129
Ion Ratio Lower Upper
232 100
131 46.2 37.8 56.6
130 2.3 1.9 2.9
166 29.0 24.4 36.6



#60
Diethylphthalate
Concen: 46.934 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:149 Resp: 682596
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.0
150 12.8 10.0 15.0

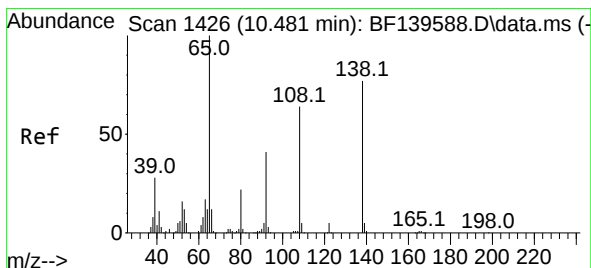
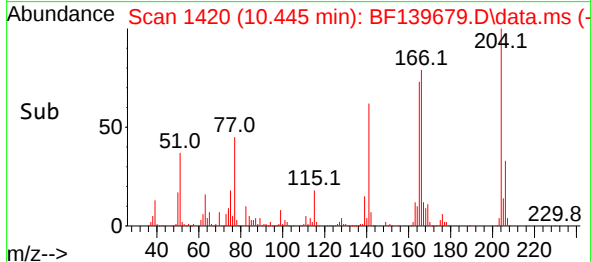
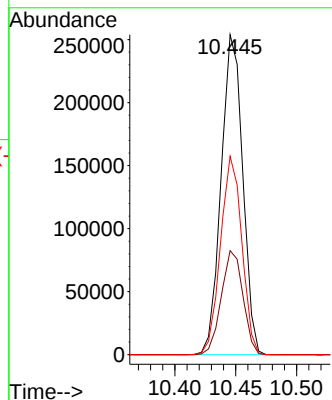
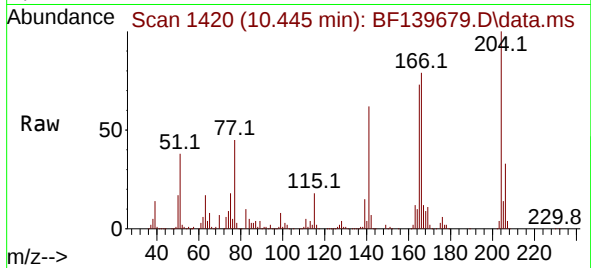




#61
4-Chlorophenyl-phenylether
Concen: 44.879 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

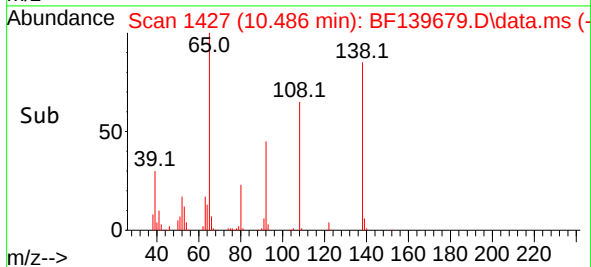
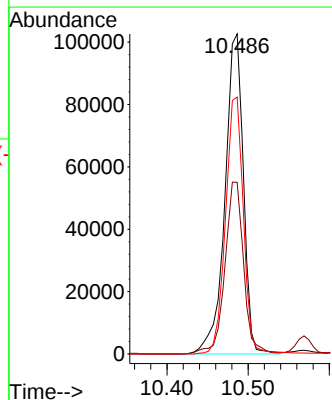
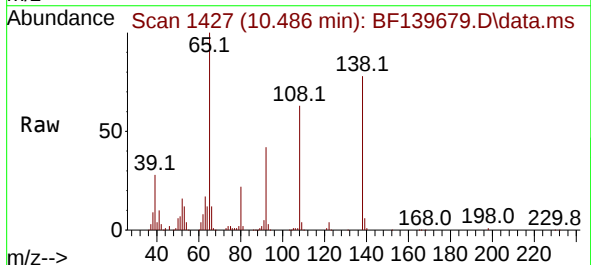
Instrument :
BNA_F
ClientSampleId :
PB163905BS

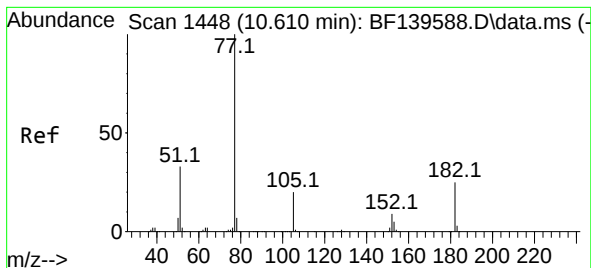
Tgt Ion:204 Resp: 313516
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.0 50.5 75.7



#62
4-Nitroaniline
Concen: 48.809 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:138 Resp: 162281
Ion Ratio Lower Upper
138 100
92 53.7 33.3 73.3
108 80.3 62.1 102.1





#63

Azobenzene

Concen: 46.891 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

Tgt Ion: 77 Resp: 685833

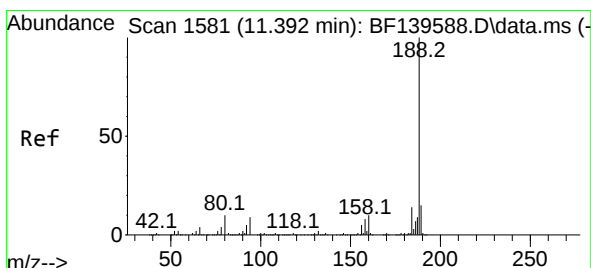
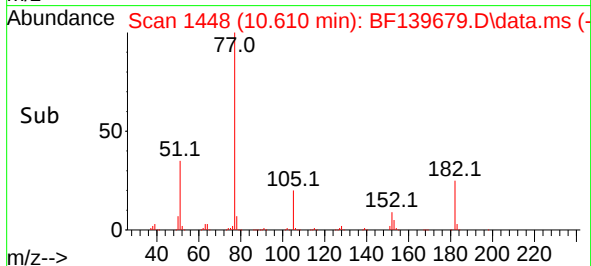
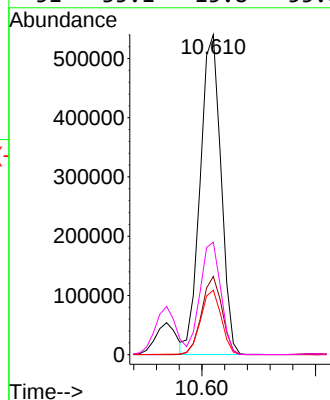
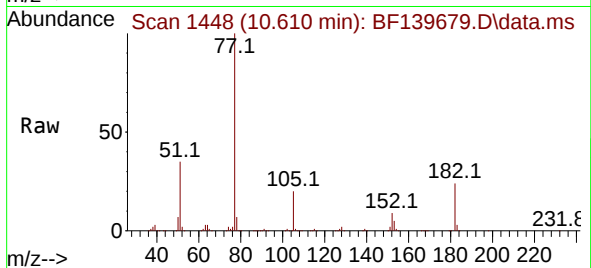
Ion Ratio Lower Upper

77 100

182 24.4 4.2 44.2

105 20.2 0.0 39.6

51 35.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

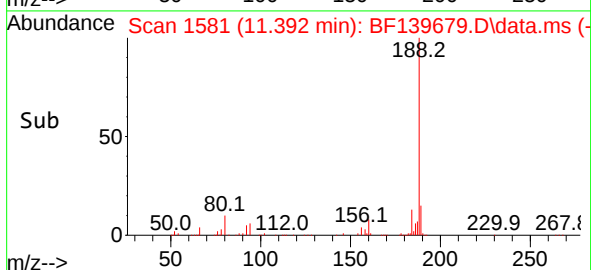
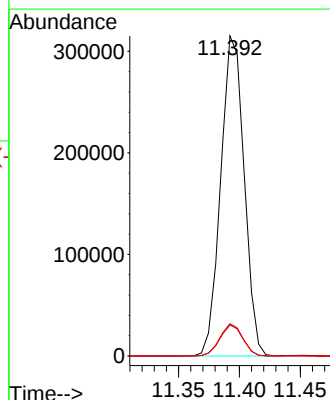
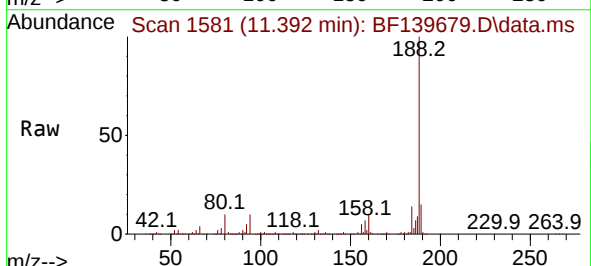
Tgt Ion: 188 Resp: 422187

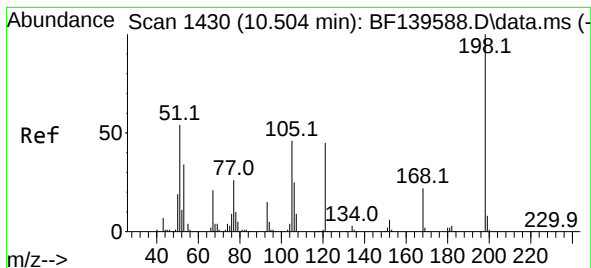
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.1 8.2 12.2

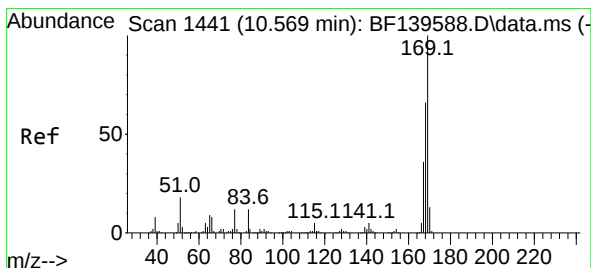
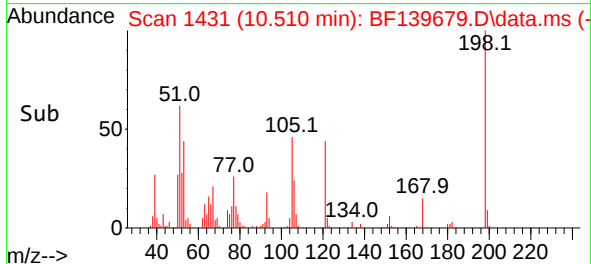
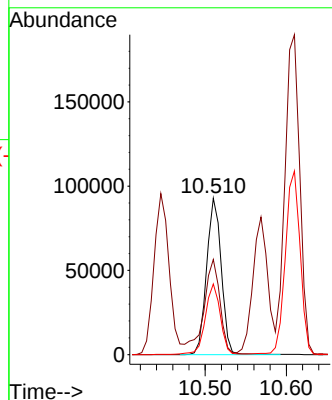
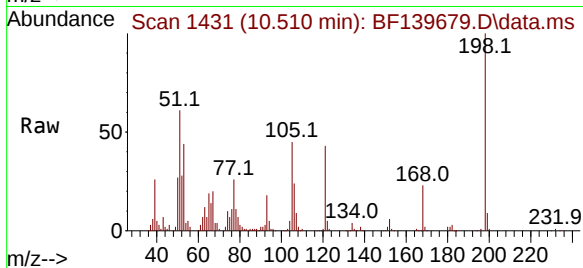




#65
4,6-Dinitro-2-methylphenol
Concen: 48.829 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

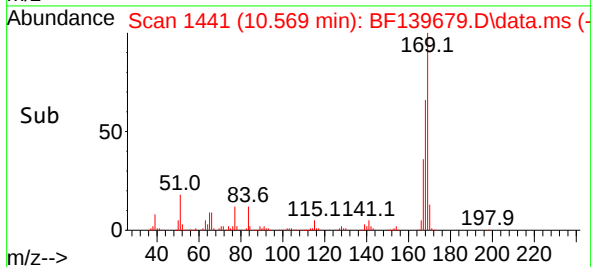
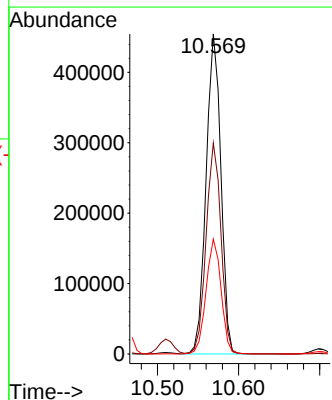
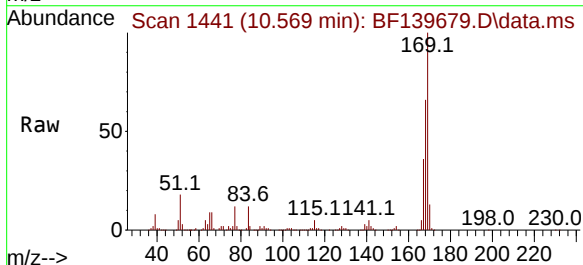
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:198 Resp: 116429
Ion Ratio Lower Upper
198 100
51 60.8 43.0 83.0
105 45.2 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 46.095 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:169 Resp: 573637
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.9 28.6 43.0

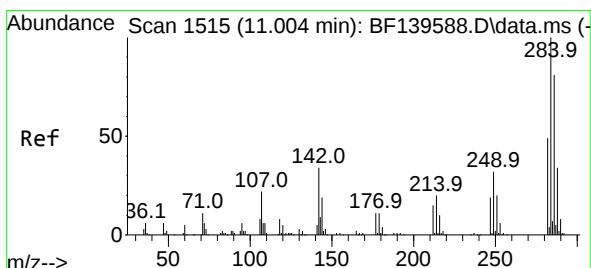
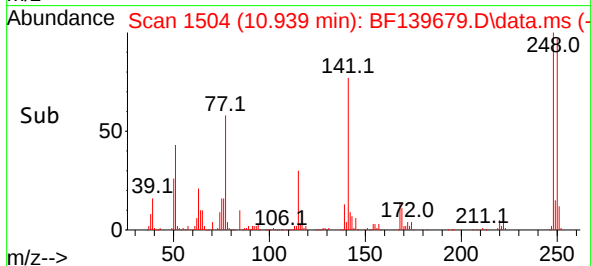
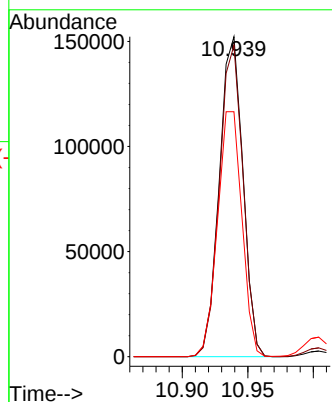
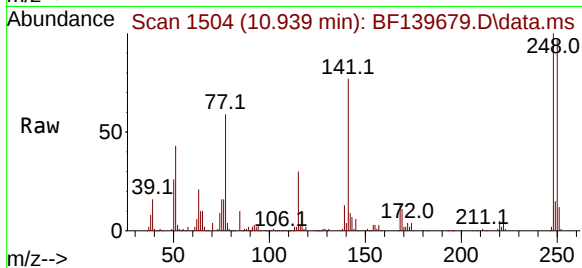




#67
4-Bromophenyl-phenylether
Concen: 44.055 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

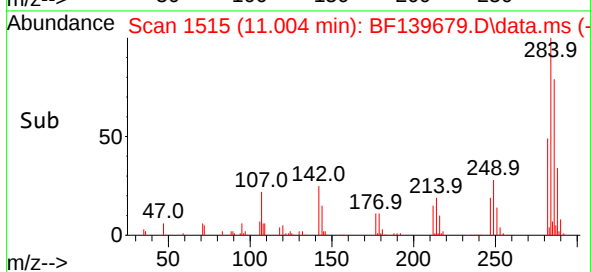
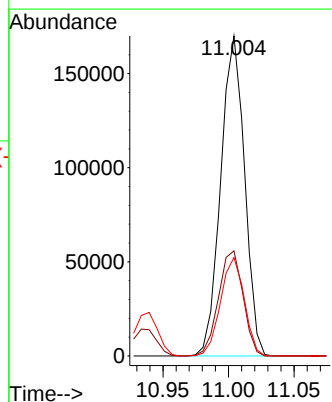
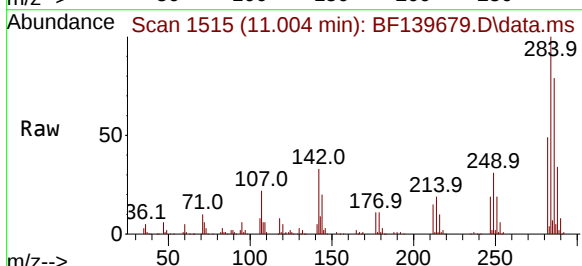
Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:248 Resp: 190703
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 76.6 60.4 90.6



#68
Hexachlorobenzene
Concen: 44.683 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:284 Resp: 214627
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 56.330 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

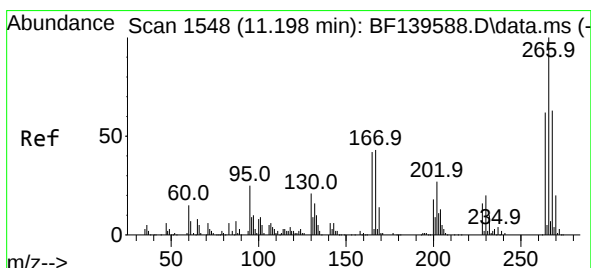
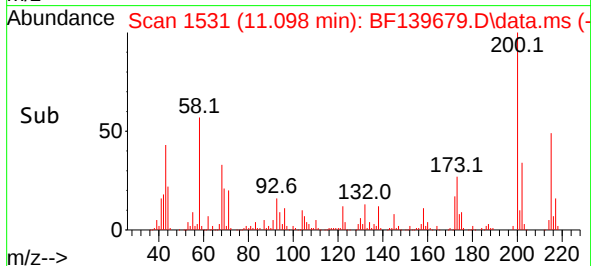
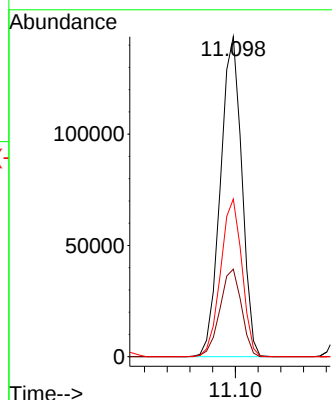
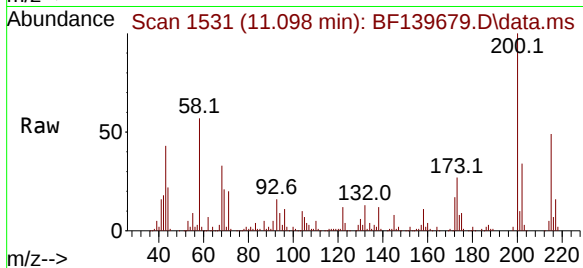
Tgt Ion:200 Resp: 188080

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

215 49.3 27.5 67.5



#70

Pentachlorophenol

Concen: 87.287 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

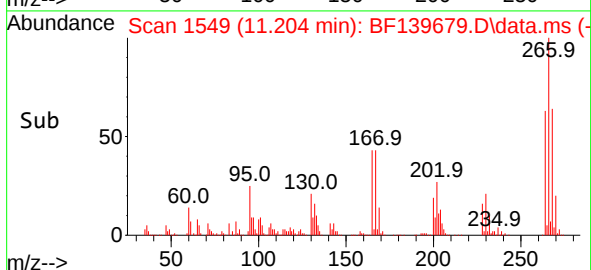
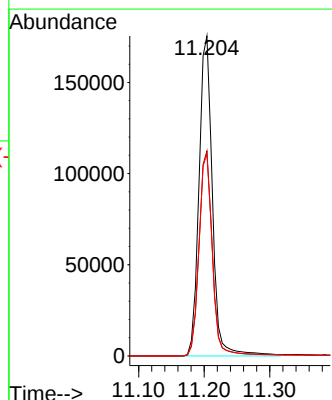
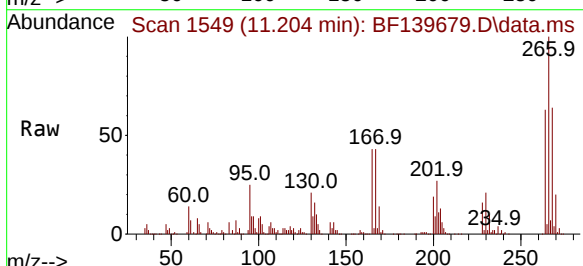
Tgt Ion:266 Resp: 249652

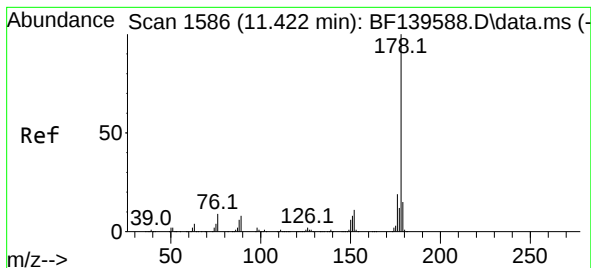
Ion Ratio Lower Upper

266 100

268 64.0 50.0 75.0

264 63.2 49.3 73.9





#71

Phenanthrene

Concen: 47.090 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

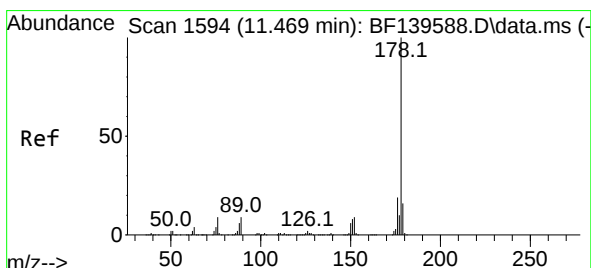
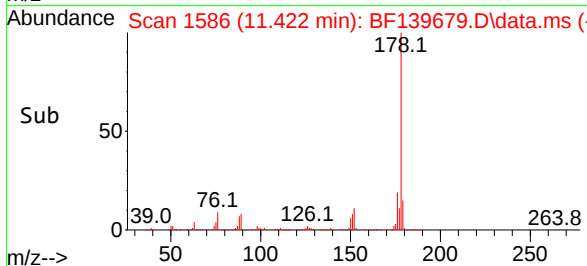
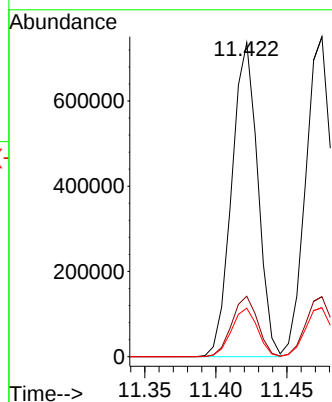
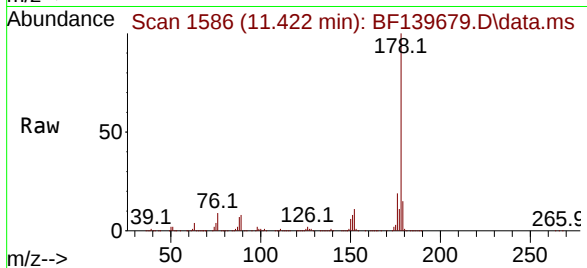
Tgt Ion:178 Resp: 937387

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.5 12.3 18.5



#72

Anthracene

Concen: 48.775 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

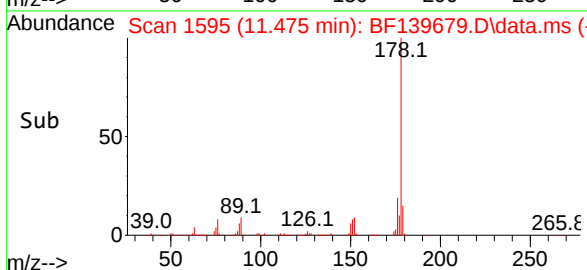
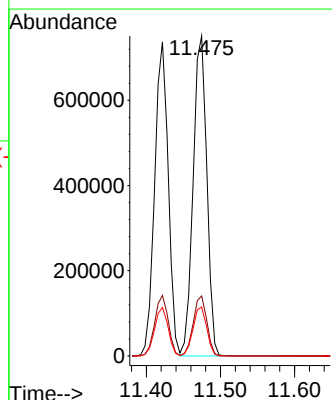
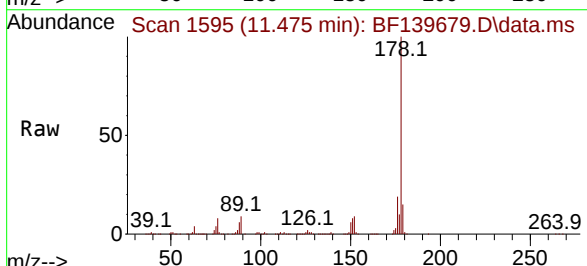
Tgt Ion:178 Resp: 960556

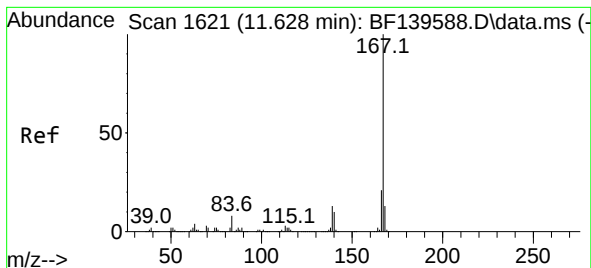
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.3 12.5 18.7





#73

Carbazole

Concen: 47.599 ng

RT: 11.628 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

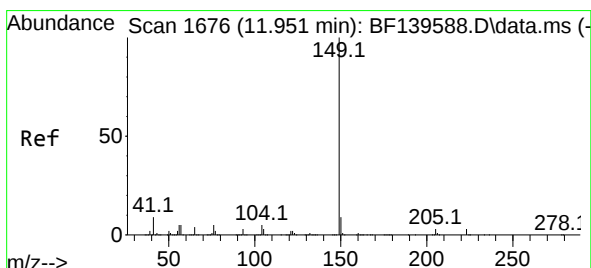
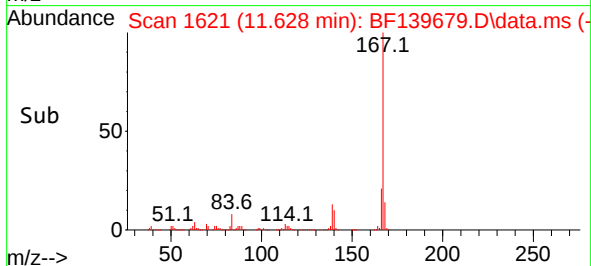
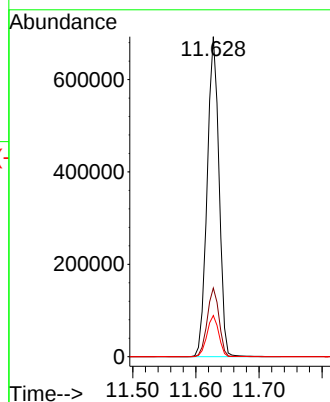
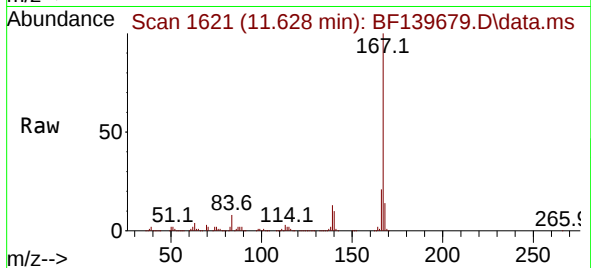
Tgt Ion:167 Resp: 900327

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.644 ng

RT: 11.951 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

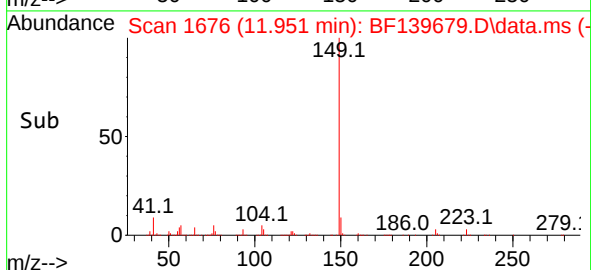
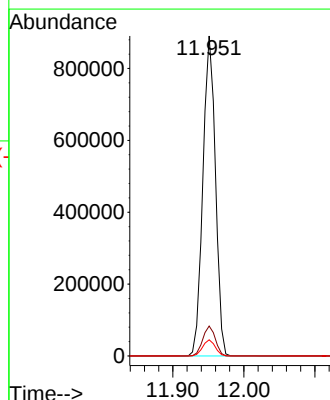
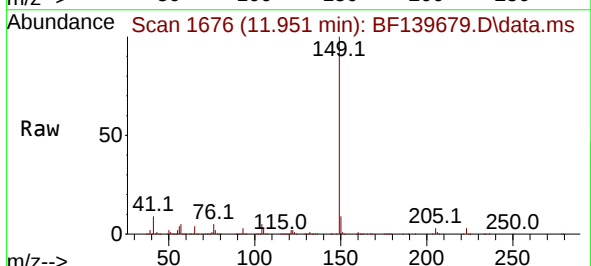
Tgt Ion:149 Resp: 1095857

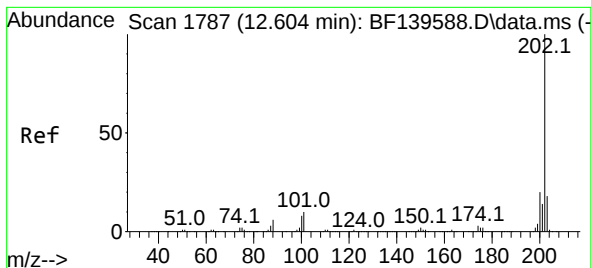
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 47.604 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

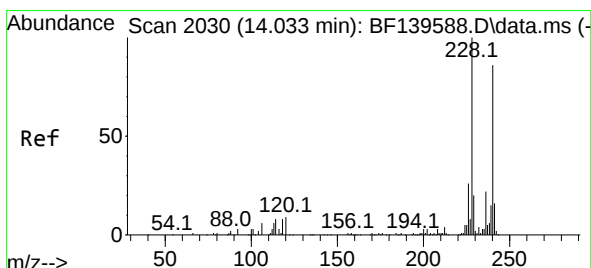
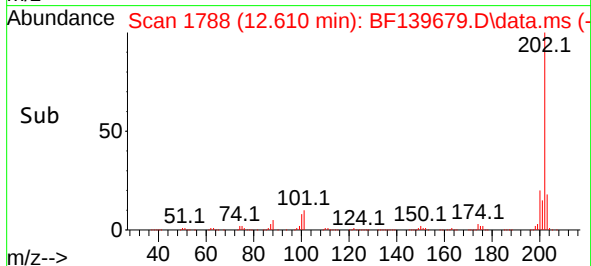
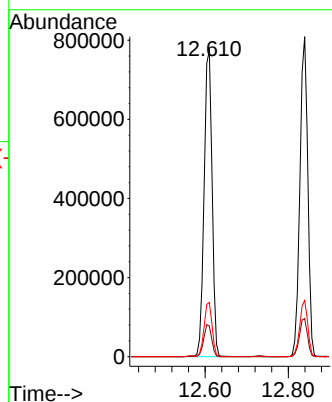
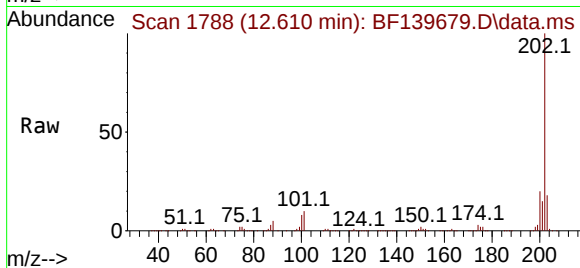
Tgt Ion:202 Resp: 1035894

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

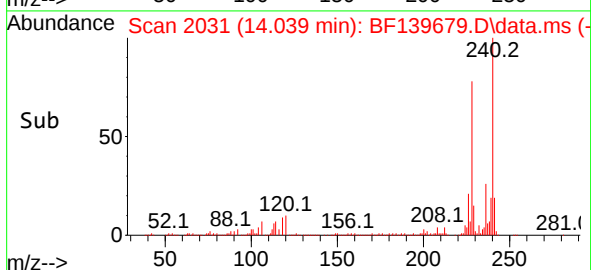
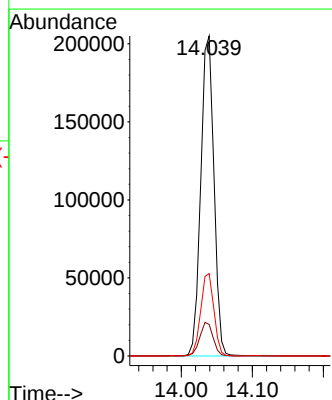
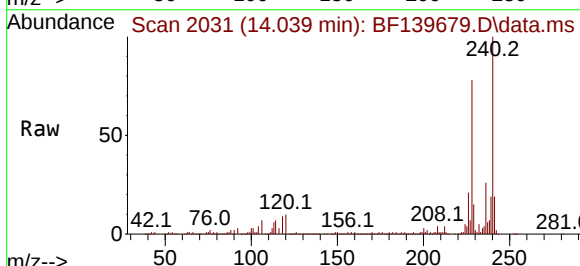
Tgt Ion:240 Resp: 265787

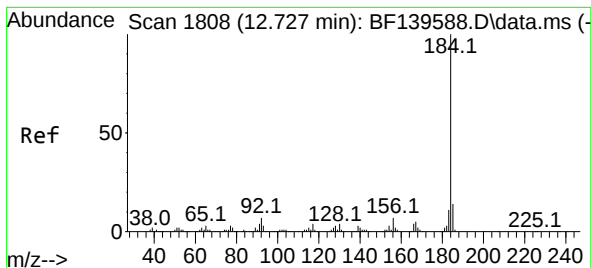
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

236 25.8 20.3 30.5





#77

Benzidine

Concen: 102.116 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

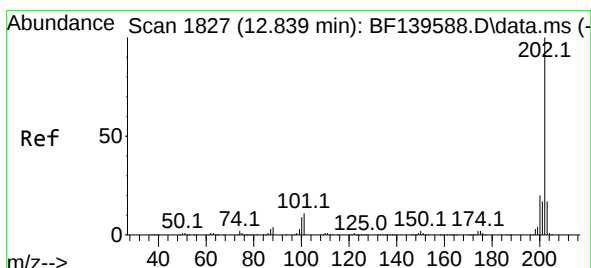
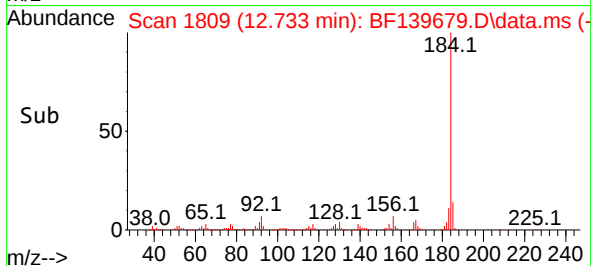
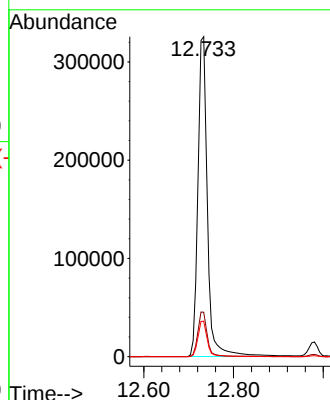
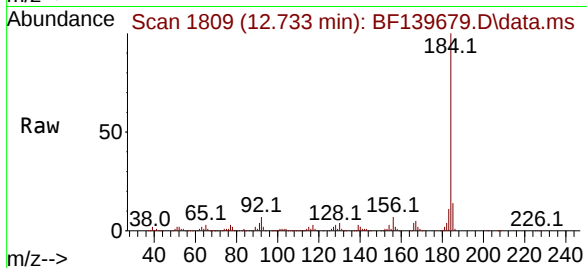
Tgt Ion:184 Resp: 478735

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.1 8.8 13.2



#78

Pyrene

Concen: 44.799 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

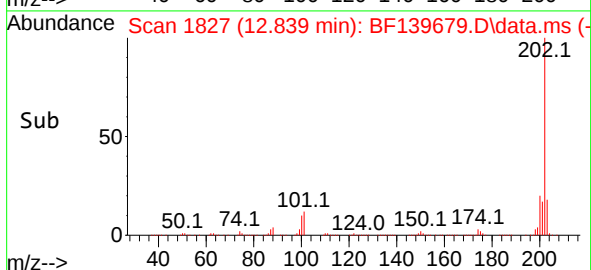
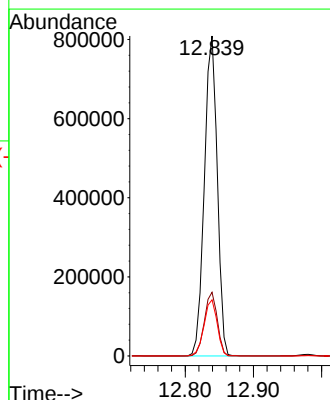
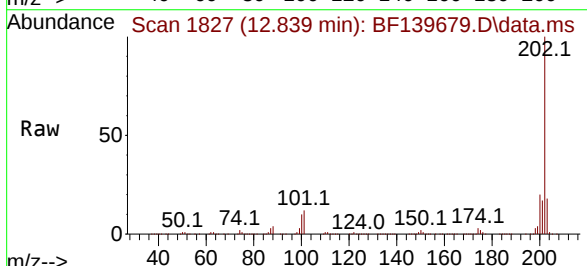
Tgt Ion:202 Resp: 1064949

Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.6

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 90.140 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

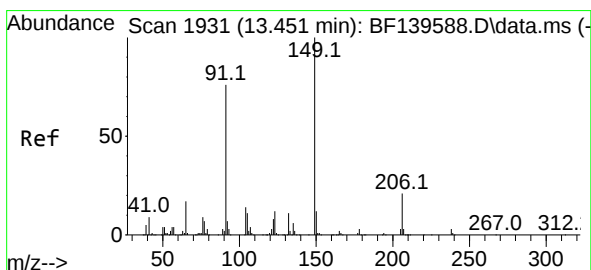
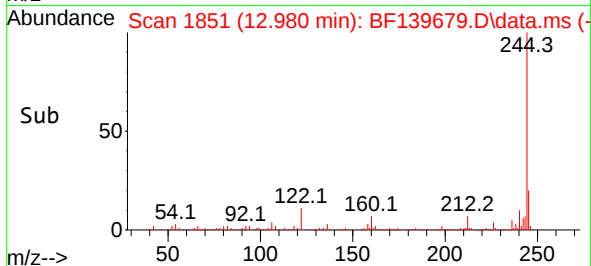
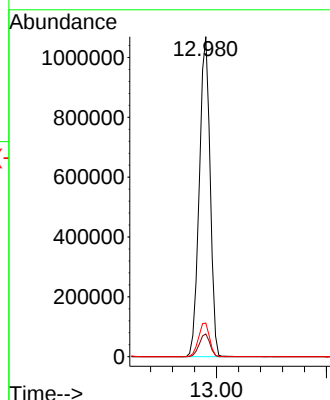
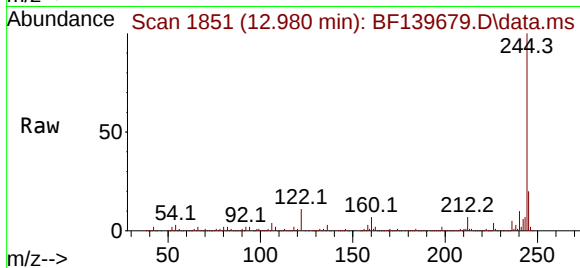
Tgt Ion:244 Resp: 1460120

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 50.746 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

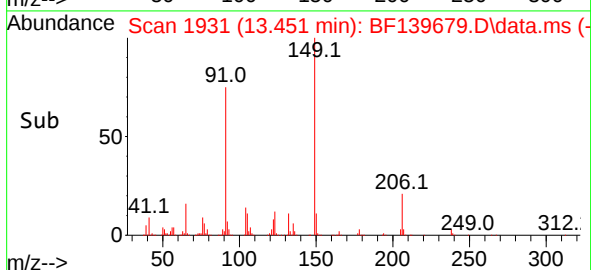
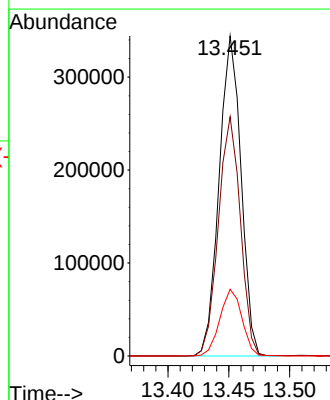
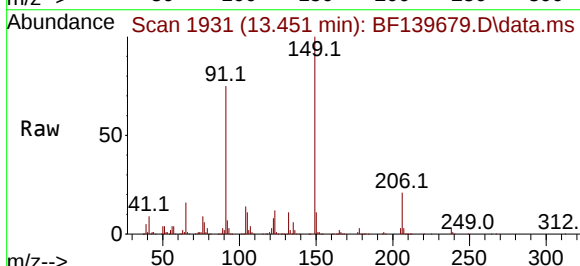
Tgt Ion:149 Resp: 431494

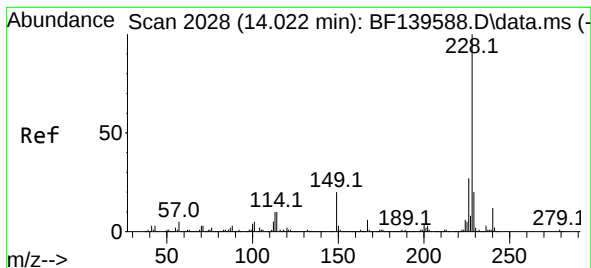
Ion Ratio Lower Upper

149 100

91 74.8 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.188 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

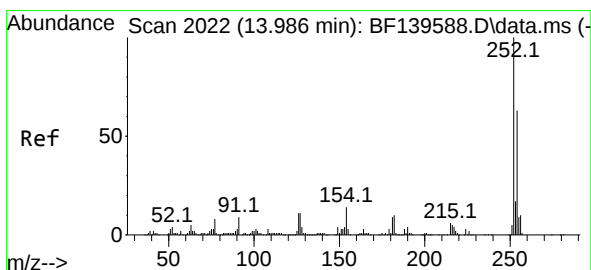
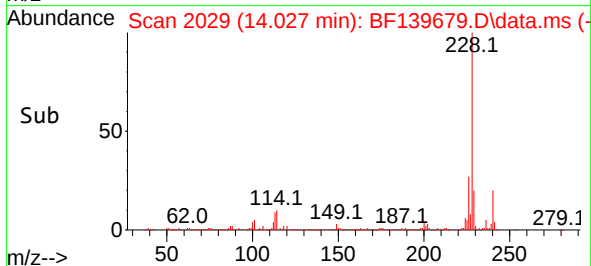
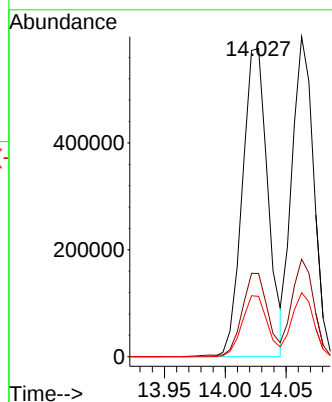
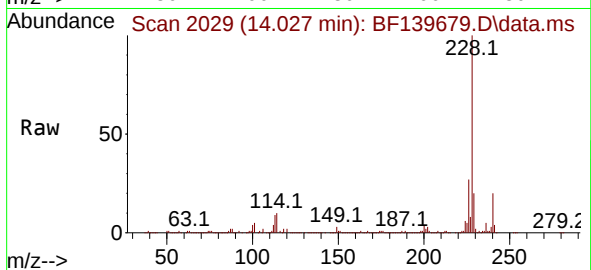
Tgt Ion:228 Resp: 842054

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.592 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

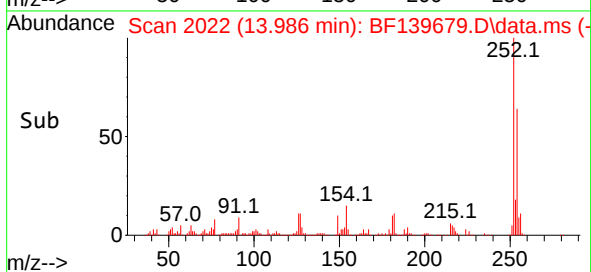
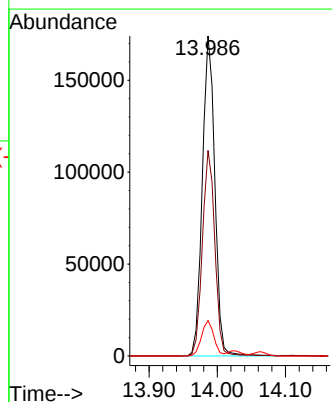
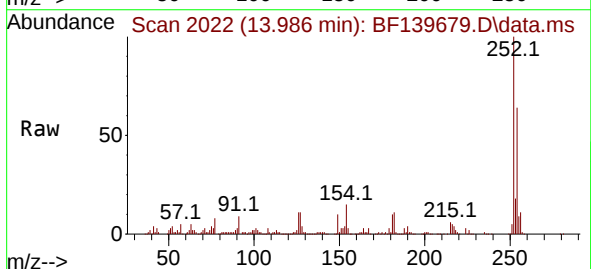
Tgt Ion:252 Resp: 222431

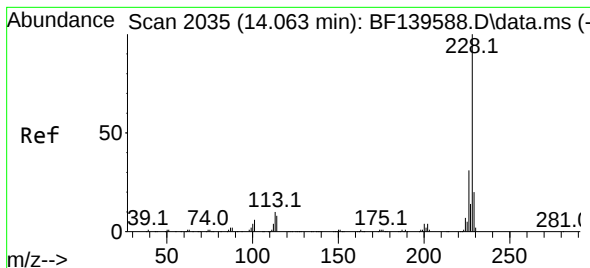
Ion Ratio Lower Upper

252 100

254 64.2 50.5 75.7

126 11.0 8.8 13.2





#83

Chrysene

Concen: 46.652 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

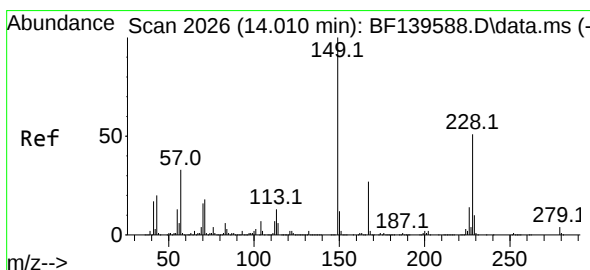
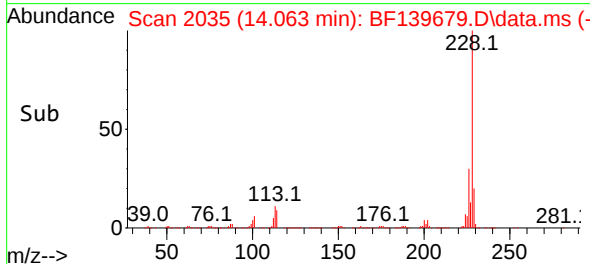
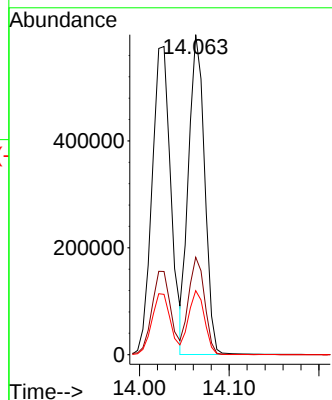
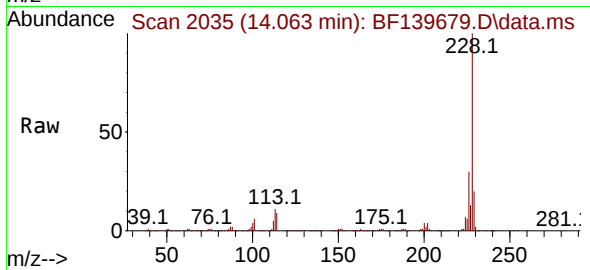
Tgt Ion:228 Resp: 745319

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.951 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

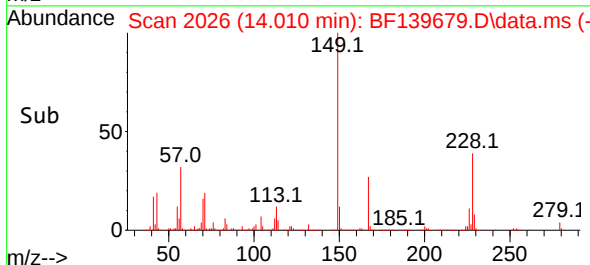
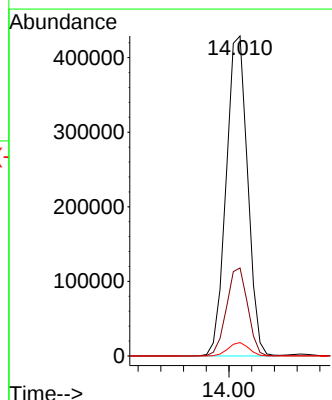
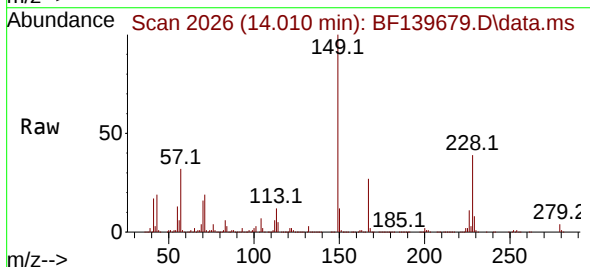
Tgt Ion:149 Resp: 562213

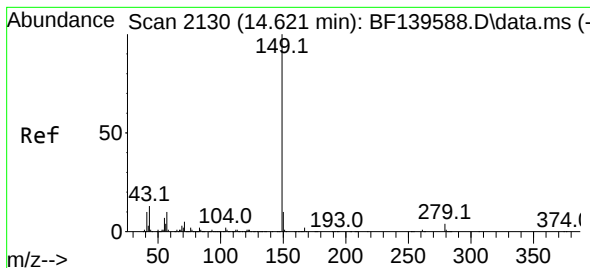
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.635 ng

RT: 14.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

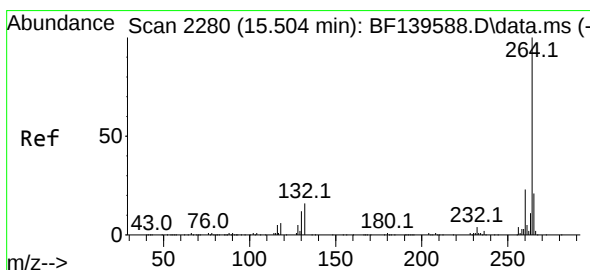
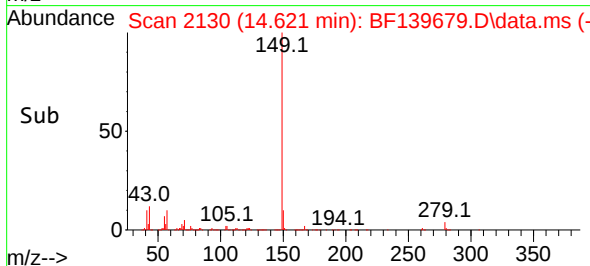
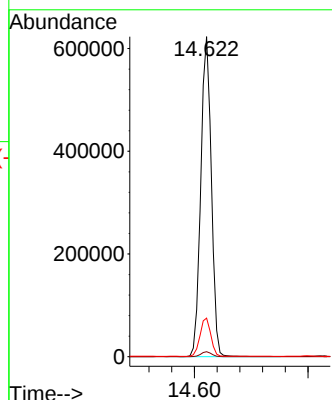
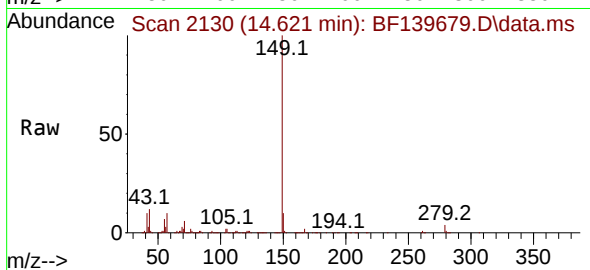
Tgt Ion:149 Resp: 805427

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

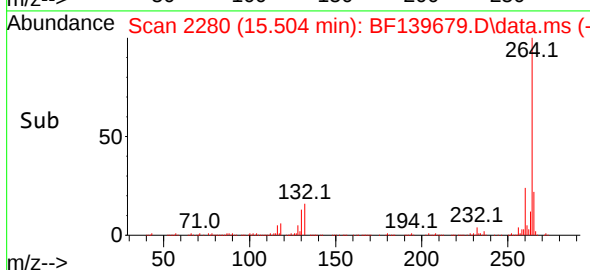
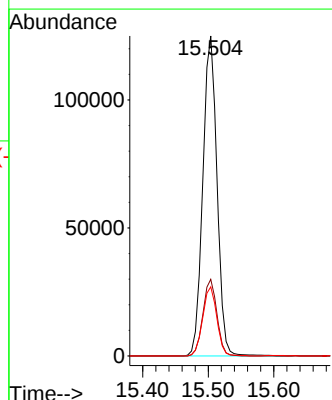
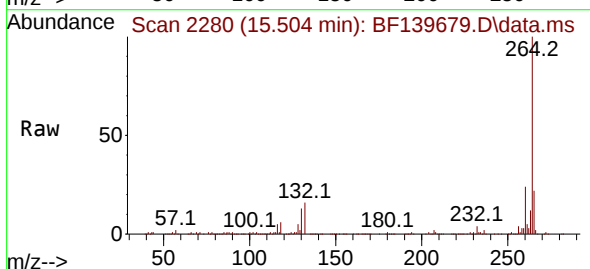
Tgt Ion:264 Resp: 188660

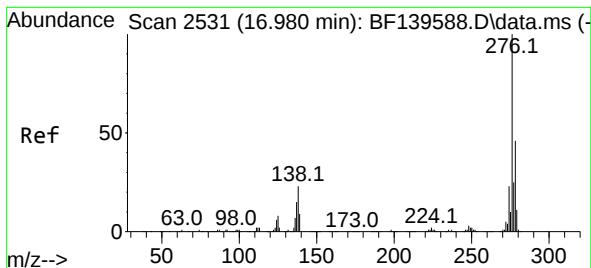
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.959 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

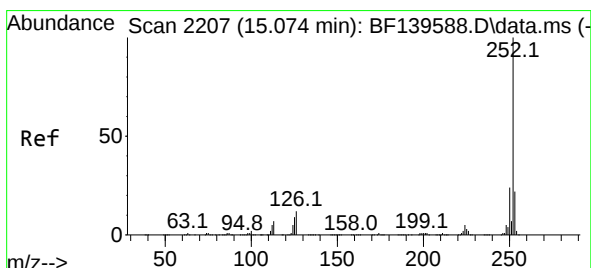
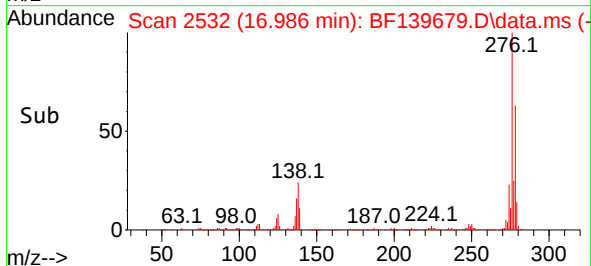
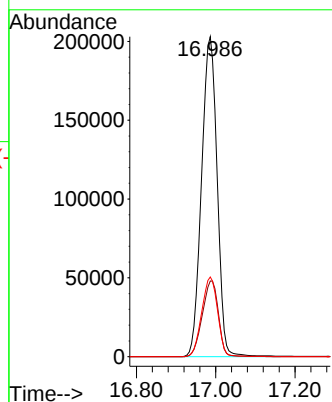
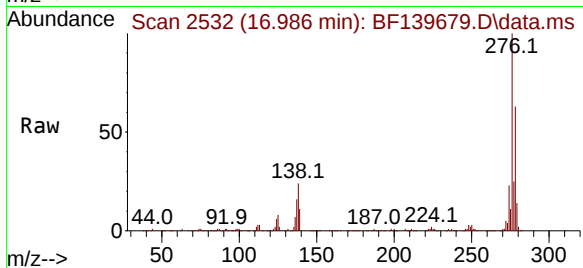
Tgt Ion:276 Resp: 554749

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.473 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

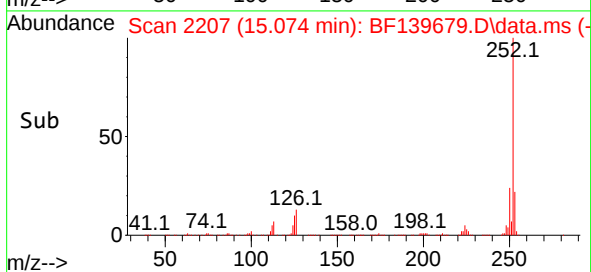
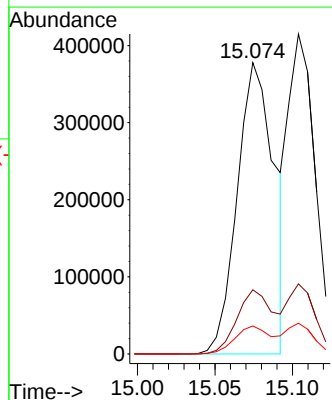
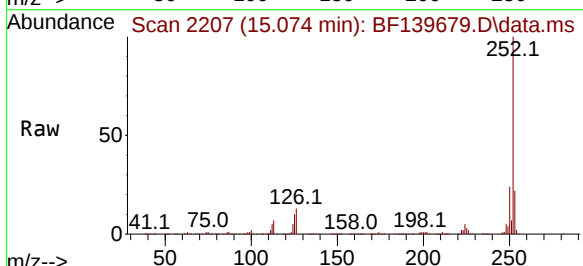
Tgt Ion:252 Resp: 627896

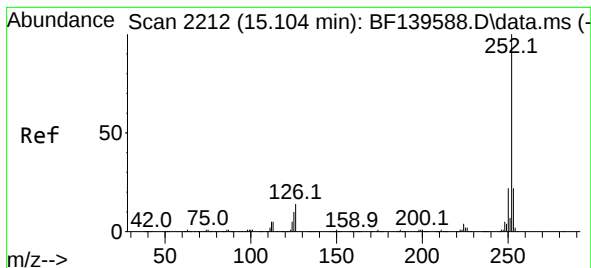
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.849 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB163905BS

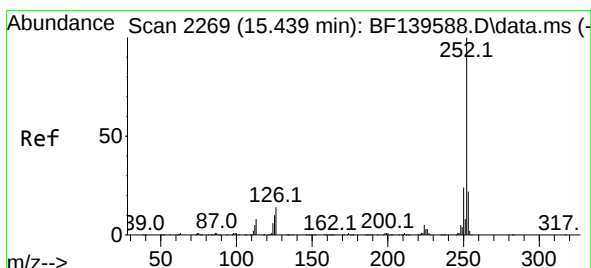
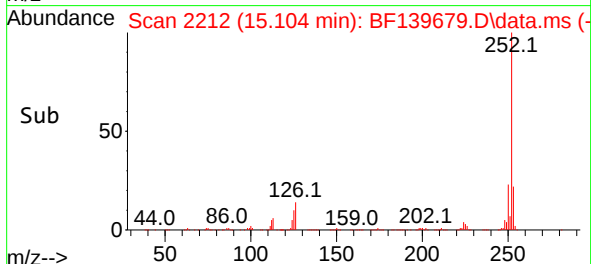
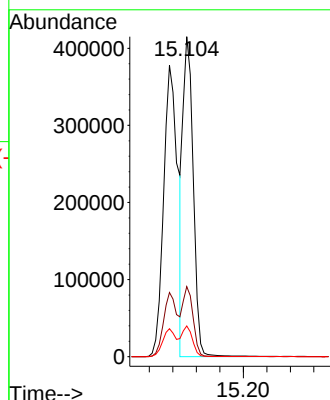
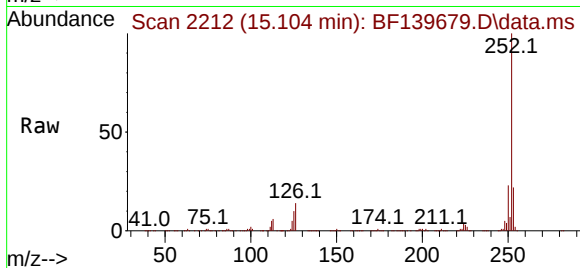
Tgt Ion:252 Resp: 505466

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.123 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139679.D

Acq: 07 Oct 2024 11:44

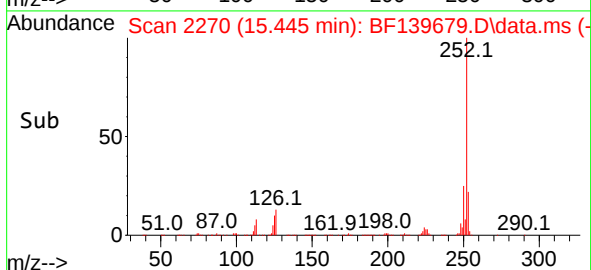
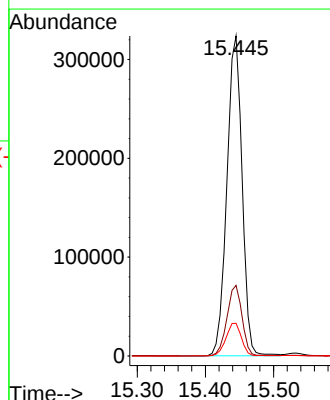
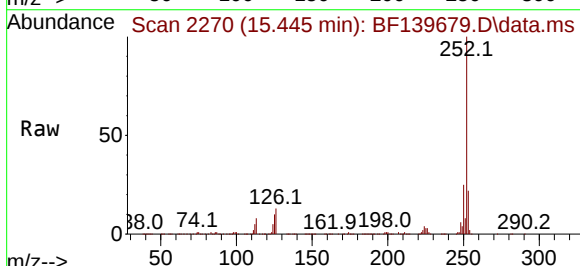
Tgt Ion:252 Resp: 501344

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.2 8.3 12.5

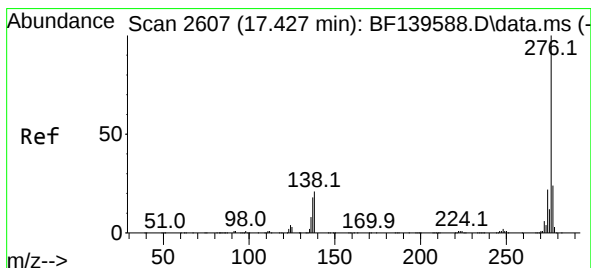
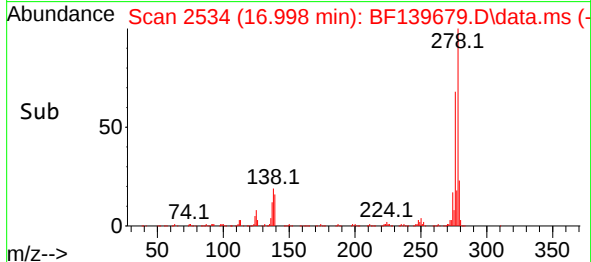
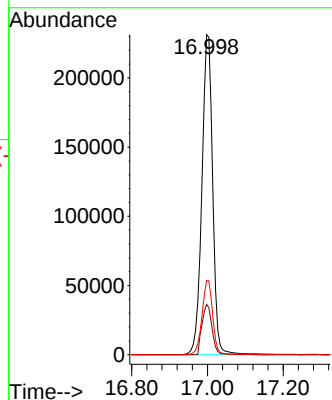
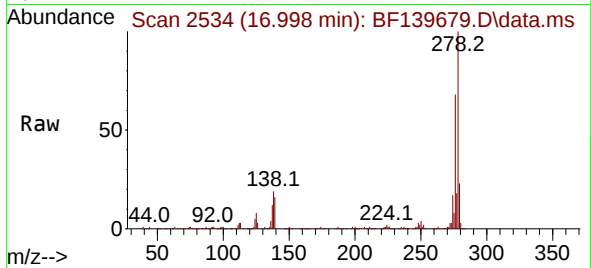




#91
Dibenzo(a,h)anthracene
Concen: 49.818 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB163905BS

Tgt Ion:278 Resp: 458814
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 23.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.617 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF139679.D
Acq: 07 Oct 2024 11:44

Tgt Ion:276 Resp: 421351
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 21.6 17.0 25.6

