

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141073.D
 Acq On : 06 Jan 2025 13:54
 Operator : RC/JU
 Sample : PB165961BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165961BS

Quant Time: Jan 06 14:15:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	226250	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	889913	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	476125	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	772941	20.000	ng	0.00
76) Chrysene-d12	13.986	240	464199	20.000	ng	0.00
86) Perylene-d12	15.445	264	513292	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1958713	130.498	ng	0.01
7) Phenol-d6	6.451	99	2493476	128.959	ng	0.00
23) Nitrobenzene-d5	7.393	82	1557339	111.961	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	751037	162.332	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2813031	94.131	ng	0.00
79) Terphenyl-d14	12.933	244	2878912	103.013	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.646	88	282313	41.545	ng 98
3) Pyridine	3.387	79	743641	44.780	ng 97
4) n-Nitrosodimethylamine	3.334	42	387573	46.062	ng 100
6) Aniline	6.487	93	765160	44.371	ng 98
8) 2-Chlorophenol	6.610	128	781967	49.414	ng 96
9) Benzaldehyde	6.375	77	116536	5.110	ng 95
10) Phenol	6.469	94	952874	47.660	ng 96
11) bis(2-Chloroethyl)ether	6.563	93	737170	45.664	ng 98
12) 1,3-Dichlorobenzene	6.769	146	809183	46.334	ng 99
13) 1,4-Dichlorobenzene	6.845	146	823935	46.800	ng 99
14) 1,2-Dichlorobenzene	6.998	146	791940	48.245	ng 98
15) Benzyl Alcohol	6.969	79	678691	48.846	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1126712	46.151	ng 98
17) 2-Methylphenol	7.075	107	636564	48.420	ng 99
18) Hexachloroethane	7.340	117	299615	47.907	ng 98
19) n-Nitroso-di-n-propyla...	7.240	70	544527	45.969	ng 99
20) 3+4-Methylphenols	7.228	107	775639	46.622	ng 92
22) Acetophenone	7.240	105	1020378	46.740	ng 99
24) Nitrobenzene	7.410	77	808312	52.006	ng 97
25) Isophorone	7.645	82	1471854	48.627	ng 99
26) 2-Nitrophenol	7.722	139	358438	55.360	ng 99
27) 2,4-Dimethylphenol	7.757	122	636568	57.545	ng 100
28) bis(2-Chloroethoxy)met...	7.857	93	904020	47.140	ng 100
29) 2,4-Dichlorophenol	7.963	162	635006	50.614	ng 99
30) 1,2,4-Trichlorobenzene	8.051	180	664108	46.767	ng 99
31) Naphthalene	8.134	128	2221888	47.382	ng 100
32) Benzoic acid	7.875	122	439069	48.194	ng 98
33) 4-Chloroaniline	8.175	127	301215	17.756	ng 99
34) Hexachlorobutadiene	8.245	225	404219	48.286	ng 100
35) Caprolactam	8.540	113	201335m	47.205	ng
36) 4-Chloro-3-methylphenol	8.651	107	679902	48.798	ng 100
37) 2-Methylnaphthalene	8.822	142	1458401	48.615	ng 100
38) 1-Methylnaphthalene	8.916	142	1351084	45.826	ng 99
40) 1,2,4,5-Tetrachloroben...	8.987	216	649720	49.602	ng 99
41) Hexachlorocyclopentadiene	8.975	237	791260	182.285	ng 99
43) 2,4,6-Trichlorophenol	9.092	196	466556	53.517	ng 100

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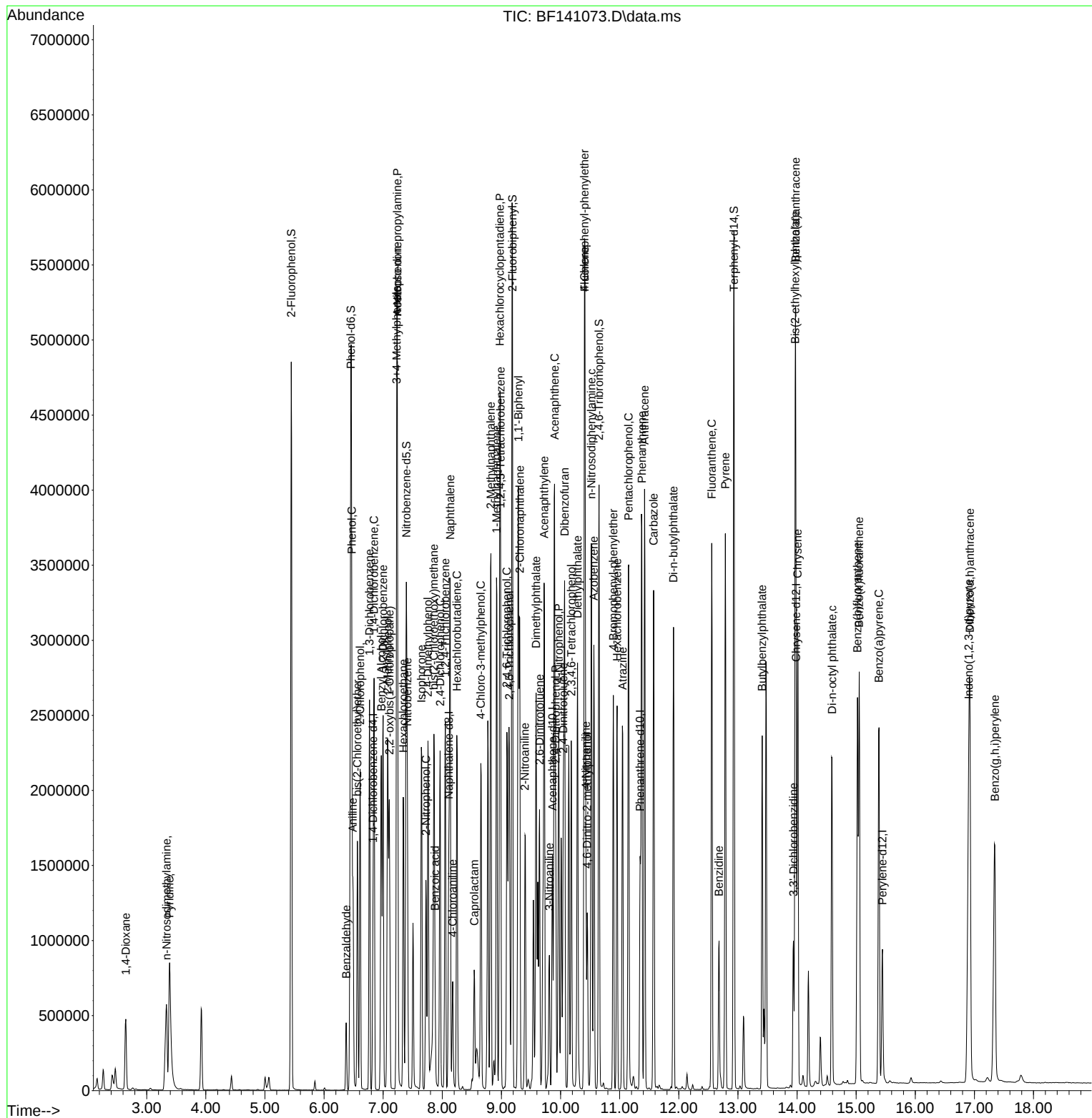
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	449972	50.445	ng	99
46) 1,1'-Biphenyl	9.287	154	1770186	48.556	ng	99
47) 2-Chloronaphthalene	9.310	162	1336697	47.275	ng	99
48) 2-Nitroaniline	9.398	65	405650	54.179	ng	96
49) Acenaphthylene	9.722	152	2081189	51.131	ng	99
50) Dimethylphthalate	9.586	163	1558859	49.775	ng	100
51) 2,6-Dinitrotoluene	9.645	165	339666	52.788	ng	96
52) Acenaphthene	9.898	154	1483490	53.912	ng	99
53) 3-Nitroaniline	9.810	138	192752	29.128	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	320370	108.219	ng	# 1
55) Dibenzofuran	10.069	168	1875584	48.501	ng	99
56) 4-Nitrophenol	9.969	139	595039	111.073	ng	96
57) 2,4-Dinitrotoluene	10.045	165	466154	58.553	ng	97
58) Fluorene	10.410	166	1410758	47.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	402501	54.483	ng	99
60) Diethylphthalate	10.286	149	1507800	48.768	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	690729	47.870	ng	98
62) 4-Nitroaniline	10.428	138	352973	50.669	ng	94
63) Azobenzene	10.563	77	1534934	47.298	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	218584	66.465	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1303414	53.551	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	453678	54.296	ng	97
68) Hexachlorobenzene	10.957	284	490151	53.200	ng	99
69) Atrazine	11.051	200	431830	63.507	ng	99
70) Pentachlorophenol	11.151	266	611313	106.569	ng	99
71) Phenanthrene	11.375	178	2113893	51.963	ng	100
72) Anthracene	11.422	178	2159122	54.165	ng	100
73) Carbazole	11.575	167	1868067	48.749	ng	99
74) Di-n-butylphthalate	11.910	149	2160512	49.570	ng	100
75) Fluoranthene	12.557	202	2054939	46.575	ng	99
77) Benzidine	12.680	184	555951	56.670	ng	100
78) Pyrene	12.786	202	2084133	51.336	ng	100
80) Butylbenzylphthalate	13.410	149	726369	48.998	ng	99
81) Benzo(a)anthracene	13.974	228	1545523	47.772	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	301951	31.065	ng	99
83) Chrysene	14.010	228	1494633	51.249	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	879077	45.715	ng	100
85) Di-n-octyl phthalate	14.592	149	1487389	53.442	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1995590	61.709	ng	98
88) Benzo(b)fluoranthene	15.021	252	1739275	48.584	ng	99
89) Benzo(k)fluoranthene	15.051	252	1323331	47.164	ng	99
90) Benzo(a)pyrene	15.386	252	1496851	53.870	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1599640	61.022	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1538840	56.599	ng	98

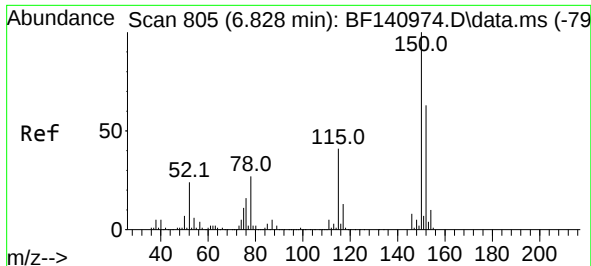
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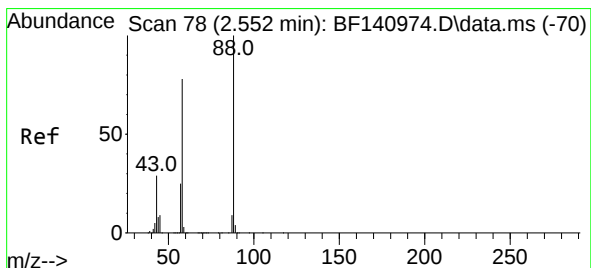
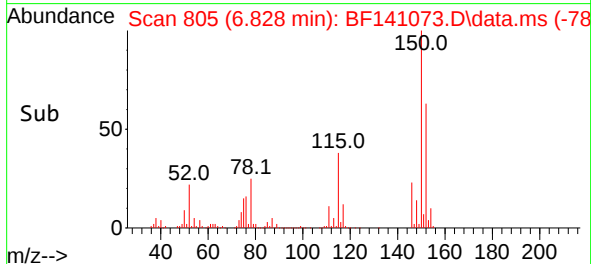
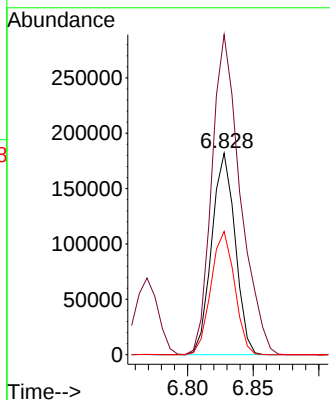
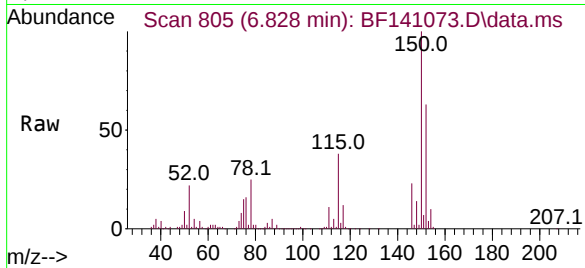




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141073.D
 Acq: 06 Jan 2025 13:54

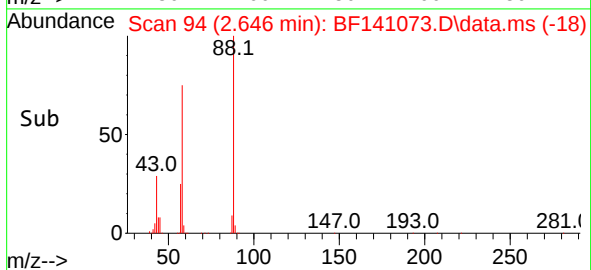
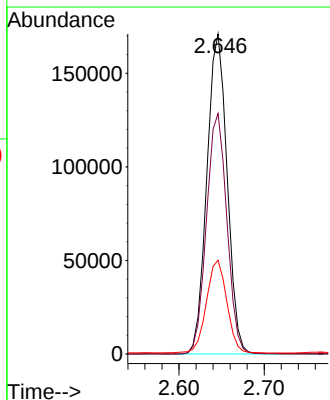
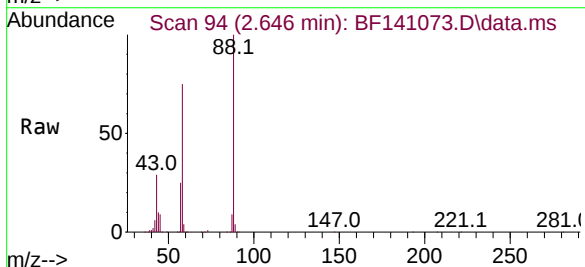
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 ClientSampleId :
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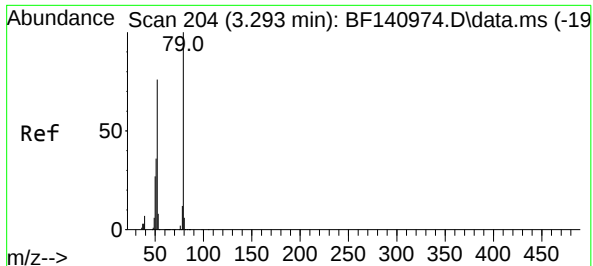
Tgt Ion:152 Resp: 226250
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.0 190.6
 115 61.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 41.545 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF141073.D
 Acq: 06 Jan 2025 13:54

Tgt Ion: 88 Resp: 282313
 Ion Ratio Lower Upper
 88 100
 58 75.8 63.0 94.4
 43 29.4 23.4 35.2

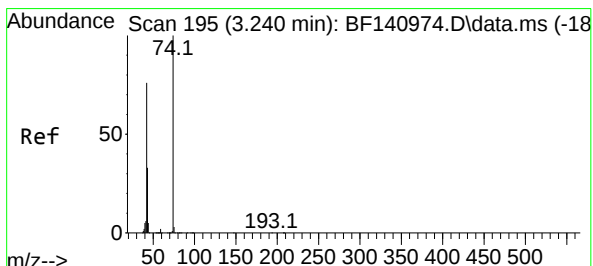
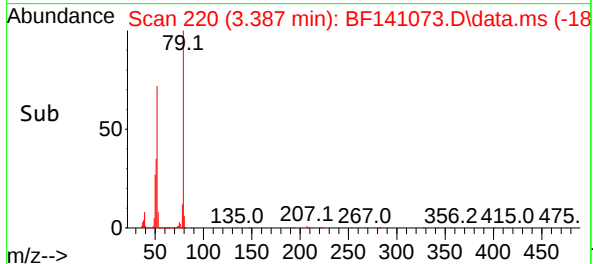
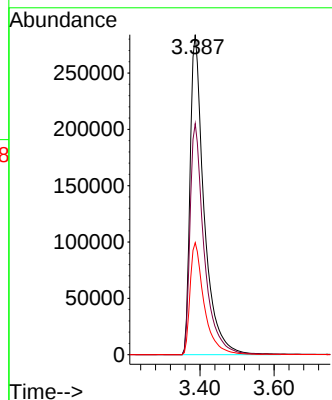
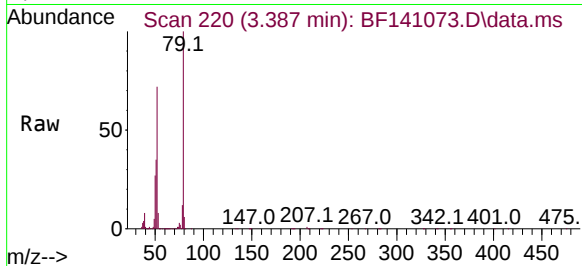




#3
Pyridine
Concen: 44.780 ng
RT: 3.387 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

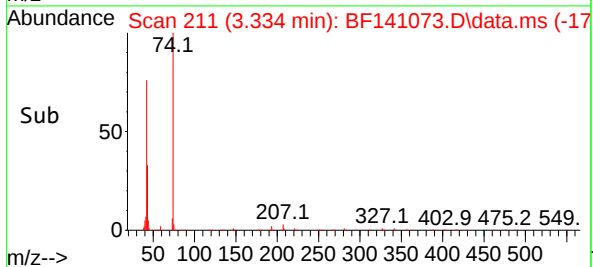
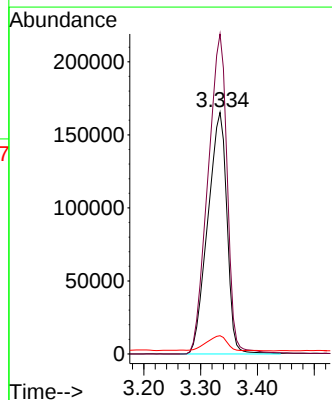
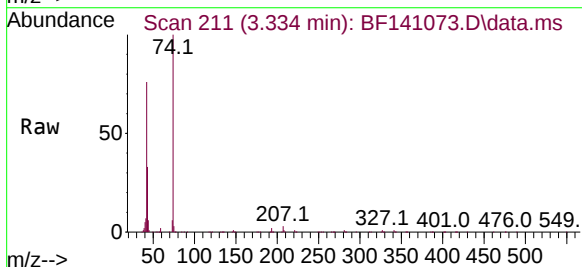
Instrument :
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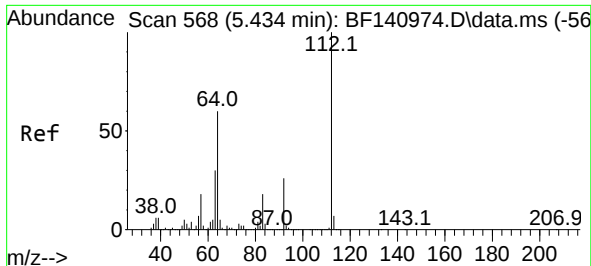
Tgt Ion: 79 Resp: 743641
Ion Ratio Lower Upper
79 100
52 72.2 60.4 90.6
51 35.0 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 46.062 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 42 Resp: 387573
Ion Ratio Lower Upper
42 100
74 132.4 105.8 158.6
44 7.6 6.6 10.0

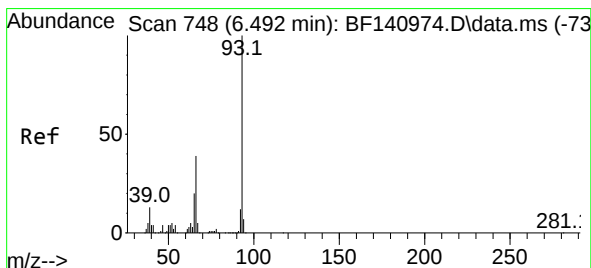
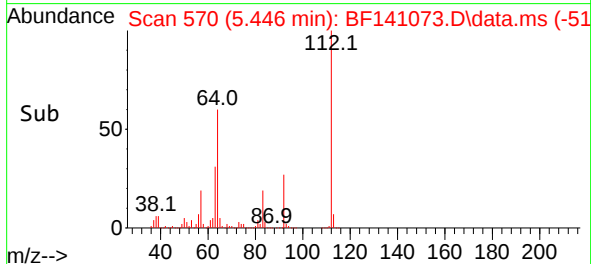
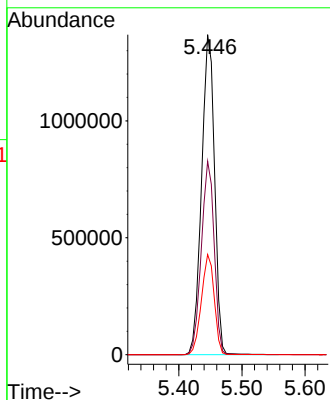
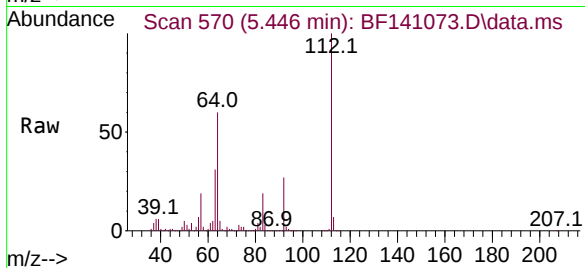




#5
2-Fluorophenol
Concen: 130.498 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

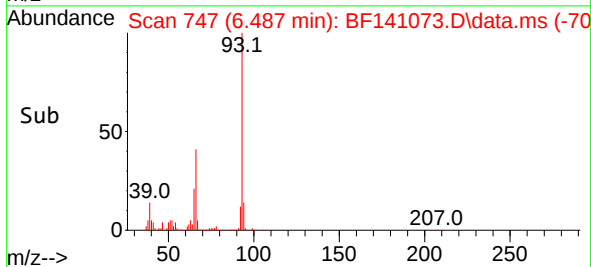
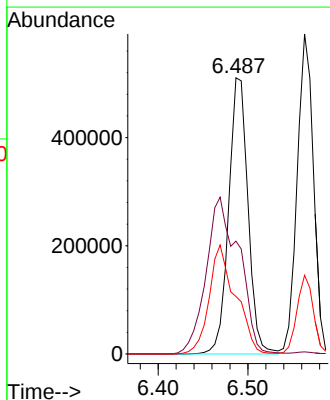
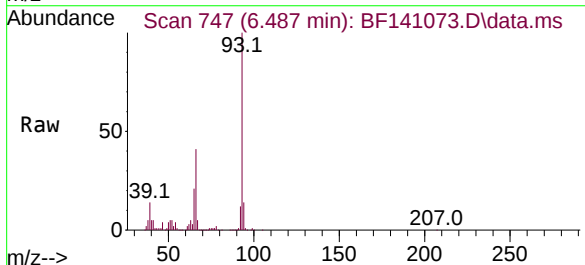
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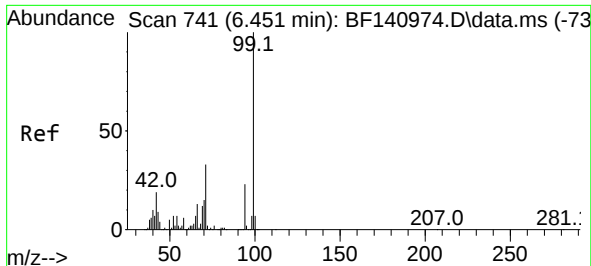
Tgt Ion:112 Resp: 1958713
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 31.3 24.2 36.2



#6
Aniline
Concen: 44.371 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 93 Resp: 765160
Ion Ratio Lower Upper
93 100
66 40.8 31.8 47.8
65 20.8 15.4 23.0

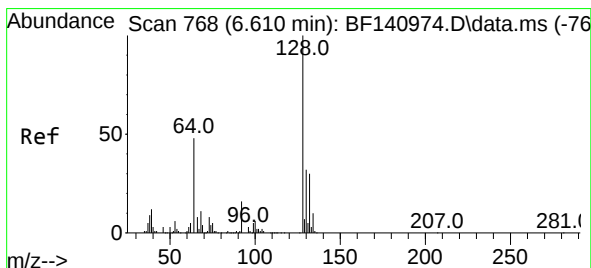
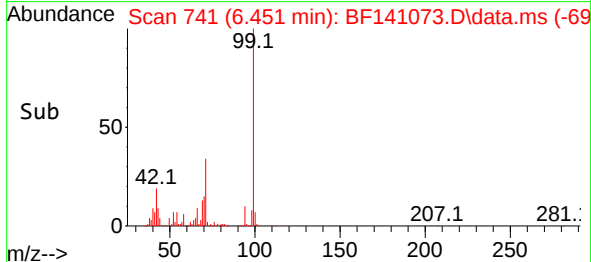
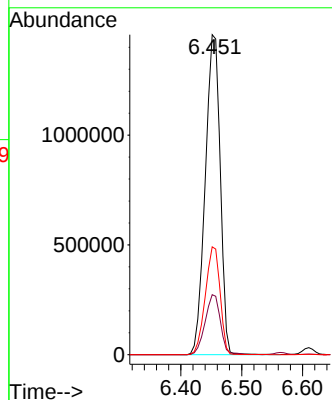
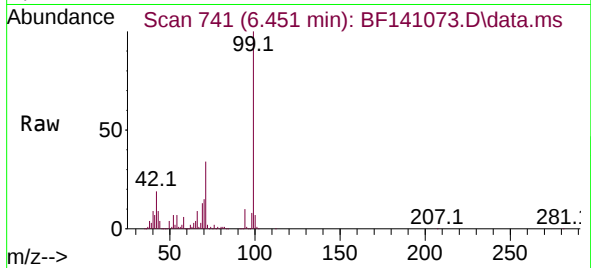




#7
Phenol-d6
Concen: 128.959 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141073.D
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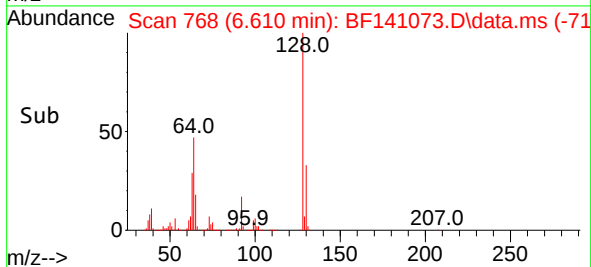
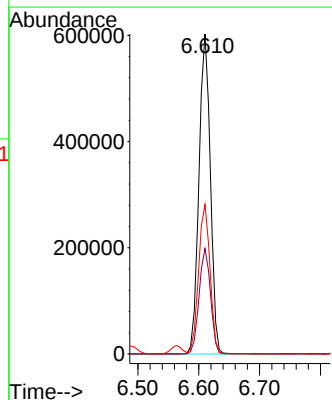
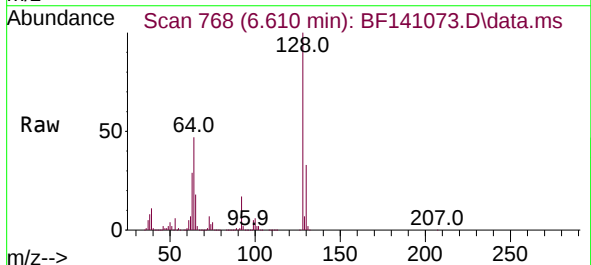
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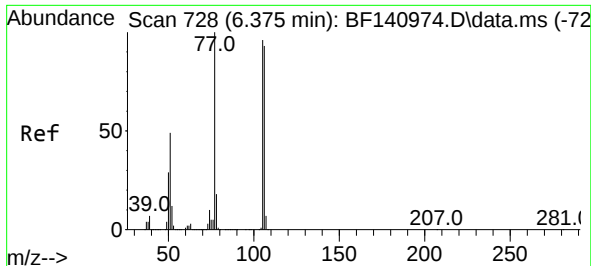
Tgt Ion: 99 Resp: 2493476
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 33.7 26.2 39.2



#8
2-Chlorophenol
Concen: 49.414 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 128 Resp: 781967
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 46.7 30.3 70.3

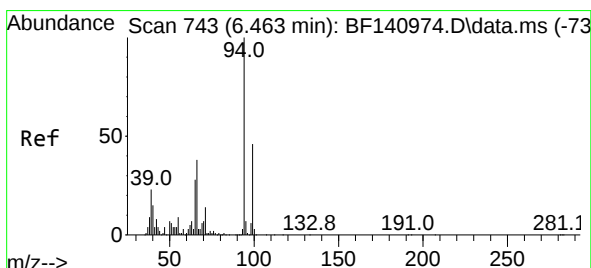
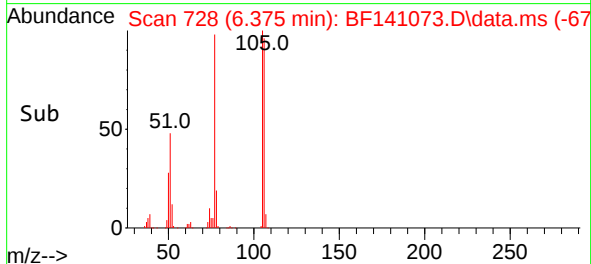
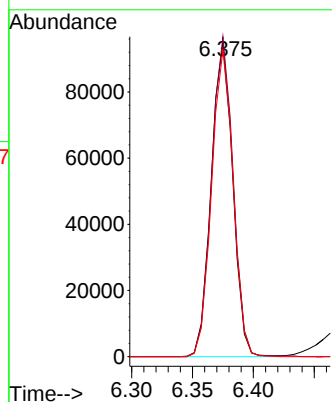
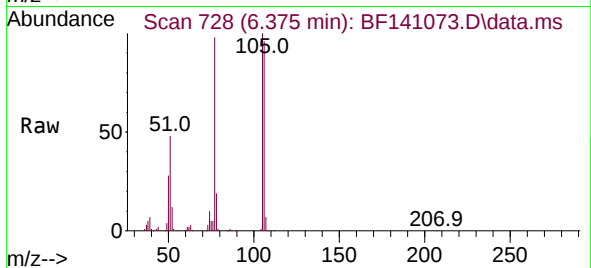




#9
Benzaldehyde
Concen: 5.110 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141073.D
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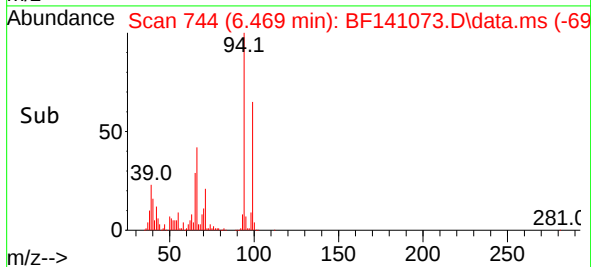
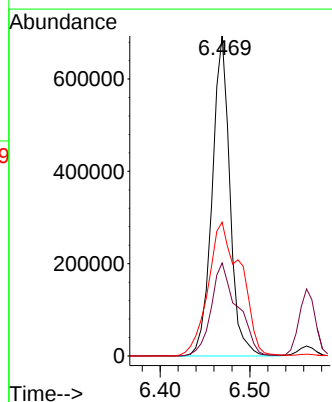
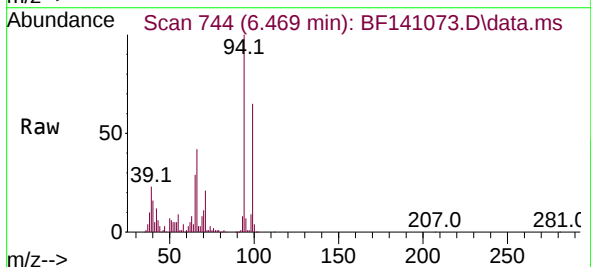
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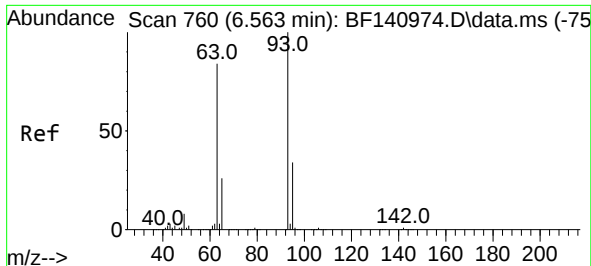
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Ion Ratio Lower Upper
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105 102.1 76.2 116.2
106 97.9 73.4 113.4



#10
Phenol
Concen: 47.660 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 94 Resp: 952874
Ion Ratio Lower Upper
94 100
65 29.0 8.1 48.1
66 41.8 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 45.664 ng

RT: 6.563 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

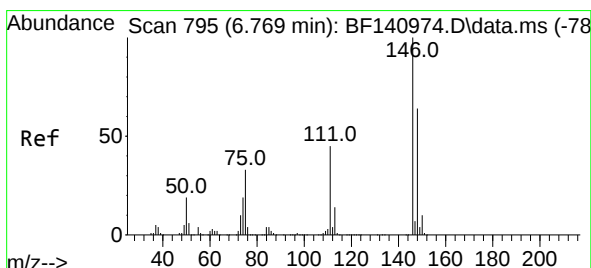
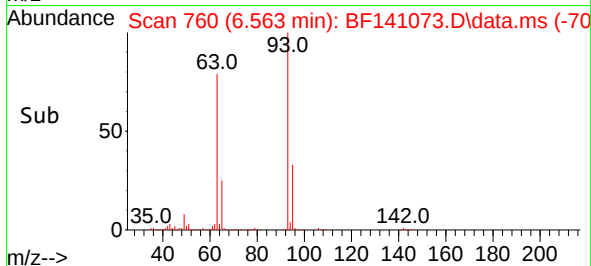
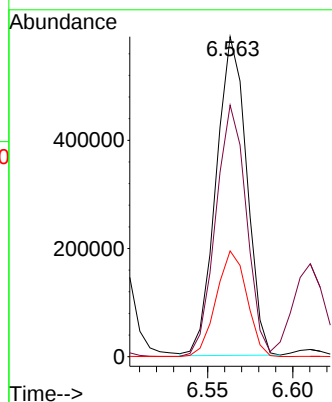
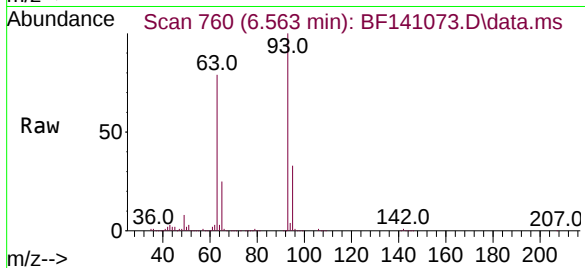
Tgt Ion: 93 Resp: 737170

Ion Ratio Lower Upper

93 100

63 78.6 60.3 100.3

95 33.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 46.334 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

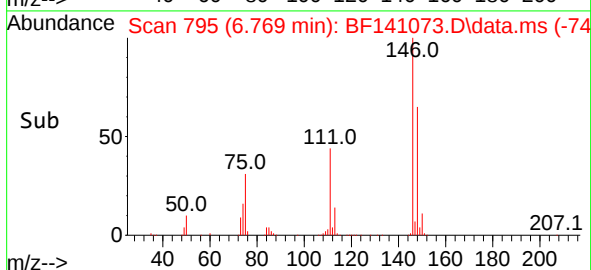
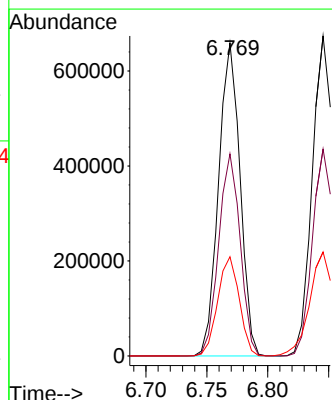
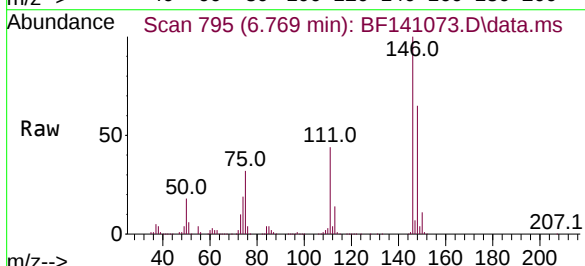
Tgt Ion:146 Resp: 809183

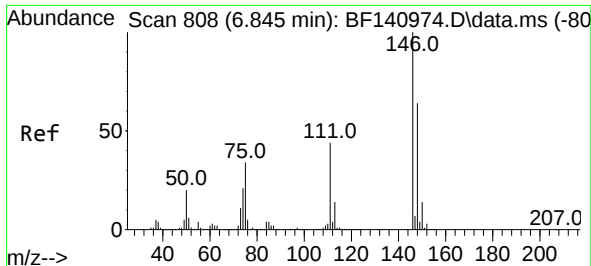
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 31.7 26.1 39.1

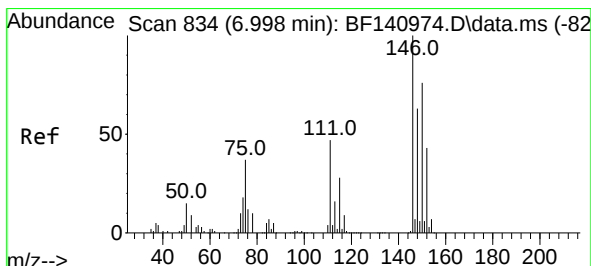
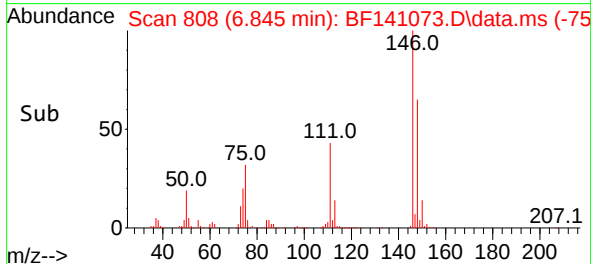
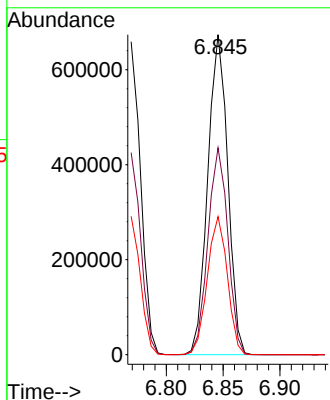
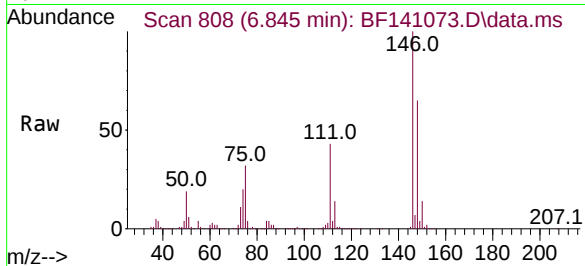




#13
1,4-Dichlorobenzene
Concen: 46.800 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

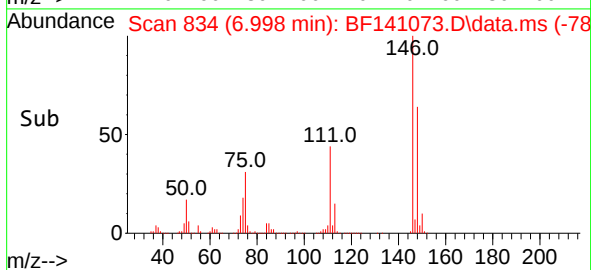
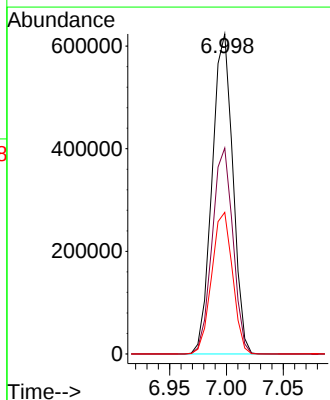
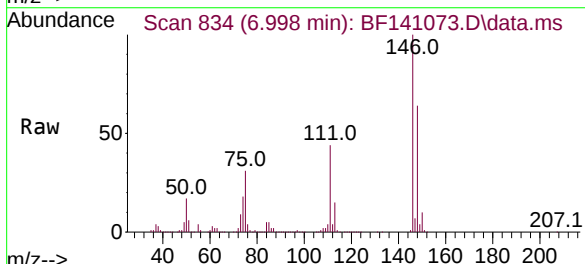
Instrument :
BNA_F
ClientSampleId :
PB165961BS

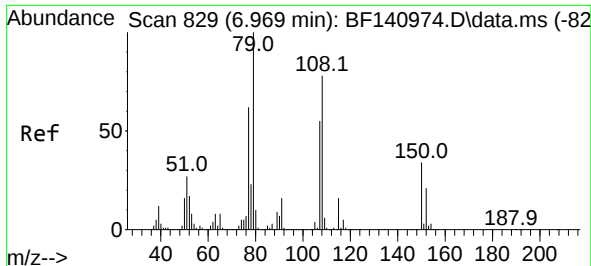
Tgt Ion:146 Resp: 823935
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
111 43.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.245 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:146 Resp: 791940
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 44.3 37.3 55.9

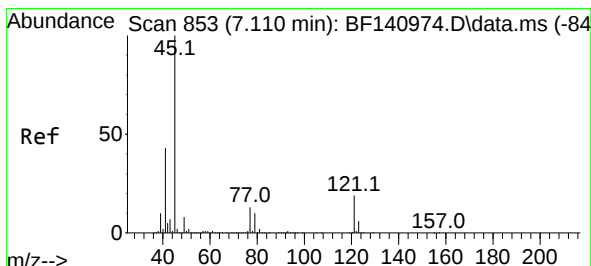
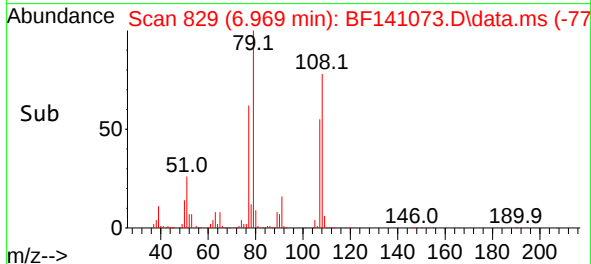
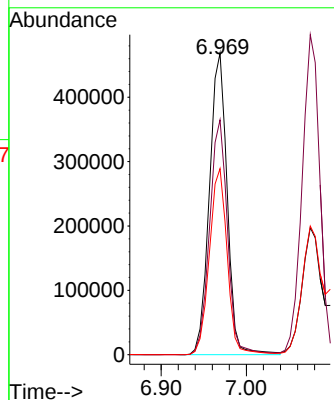
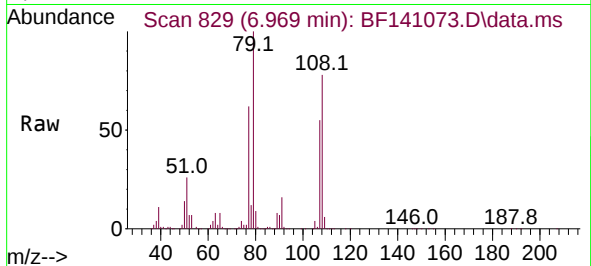




#15
Benzyl Alcohol
Concen: 48.846 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

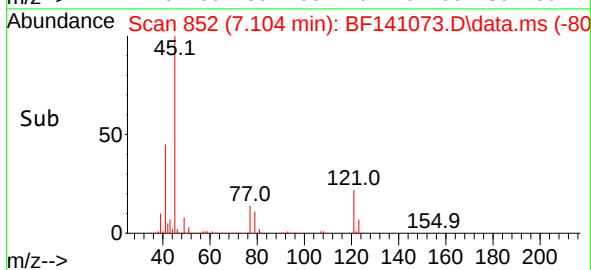
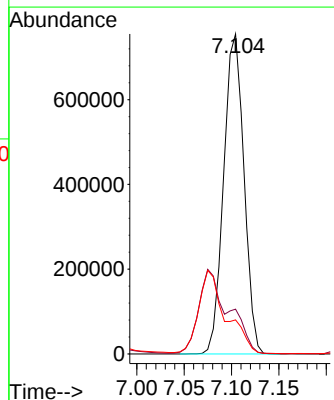
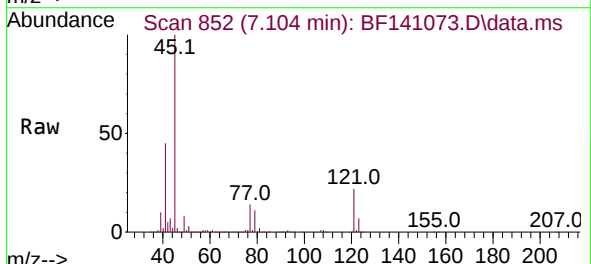
Instrument :
BNA_F
ClientSampleId :
PB165961BS

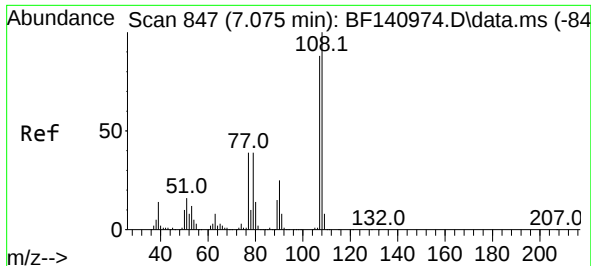
Tgt Ion: 79 Resp: 678691
Ion Ratio Lower Upper
79 100
108 77.8 62.5 93.7
77 61.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.151 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 45 Resp: 1126712
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.1
79 10.6 0.0 30.1





#17

2-Methylphenol

Concen: 48.420 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF141073.D

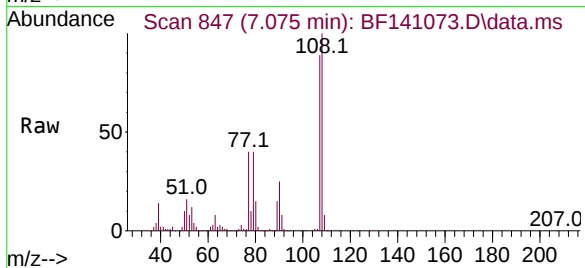
Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS



Tgt Ion:107 Resp: 636564

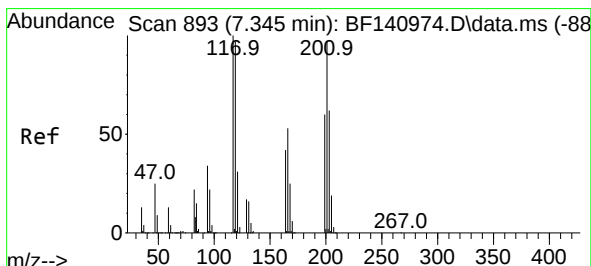
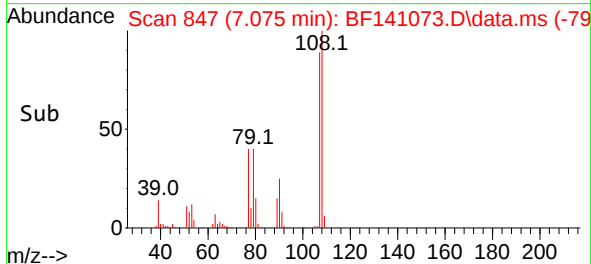
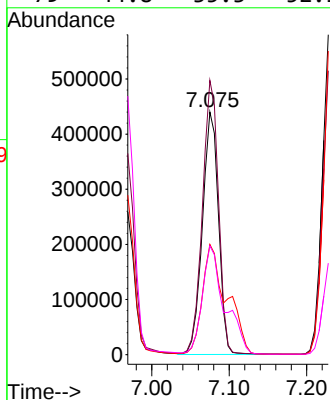
Ion Ratio Lower Upper

107 100

108 113.0 90.6 136.0

77 45.4 35.3 52.9

79 44.8 35.3 52.9



#18

Hexachloroethane

Concen: 47.907 ng

RT: 7.340 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

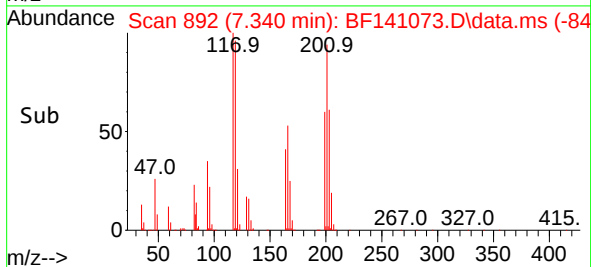
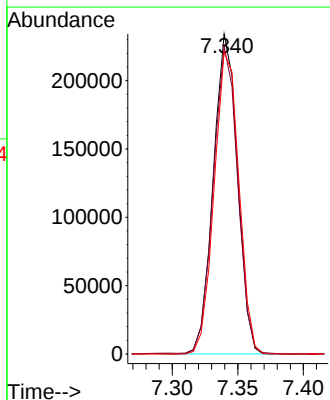
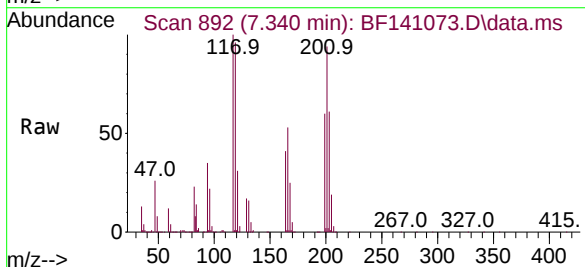
Tgt Ion:117 Resp: 299615

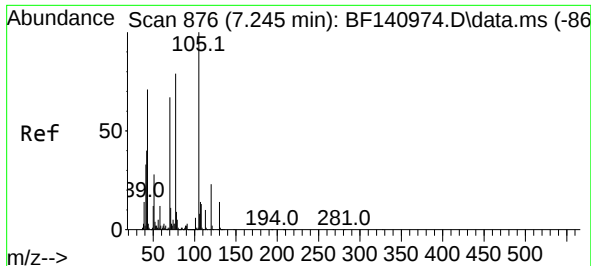
Ion Ratio Lower Upper

117 100

119 96.2 77.5 116.3

201 94.5 77.4 116.2

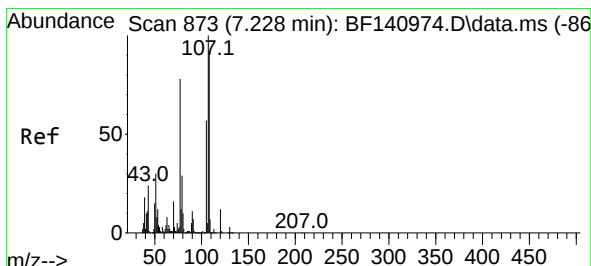
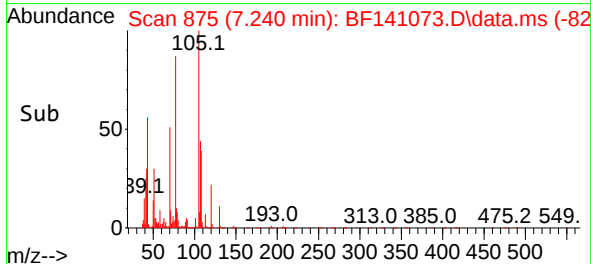
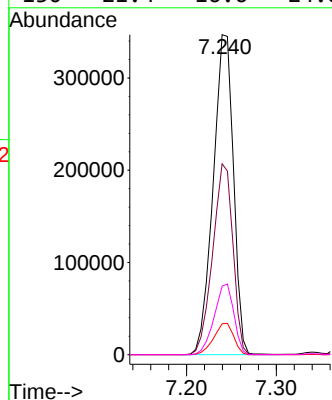
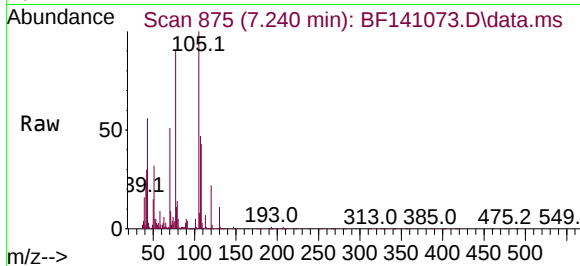




#19
n-Nitroso-di-n-propylamine
Concen: 45.969 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

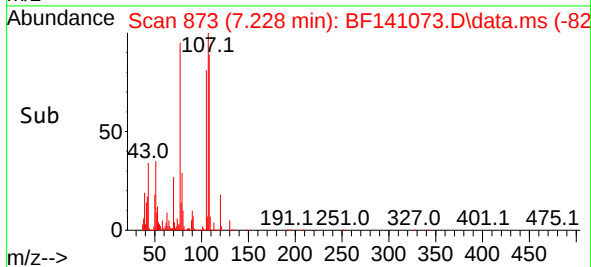
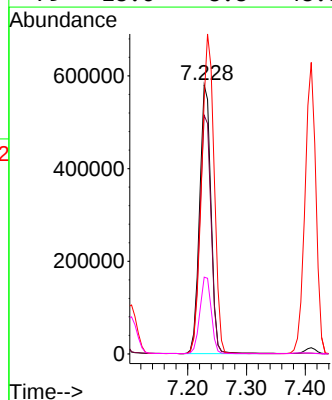
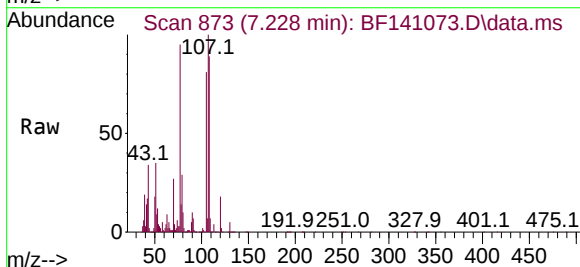
Instrument :
BNA_F
ClientSampleId :
PB165961BS

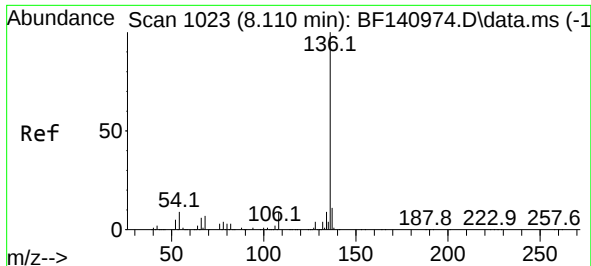
Tgt Ion: 70 Resp: 544527
Ion Ratio Lower Upper
70 100
42 59.7 48.1 72.1
101 9.7 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 46.622 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:107 Resp: 775639
Ion Ratio Lower Upper
107 100
108 88.7 69.6 109.6
77 94.9 57.6 97.6
79 28.6 8.8 48.8



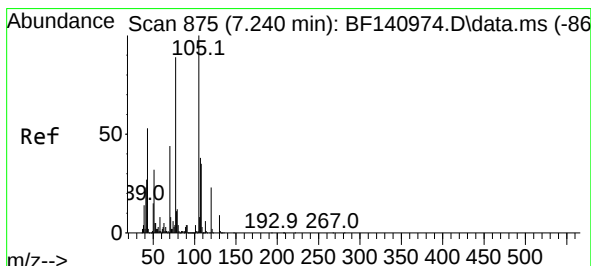
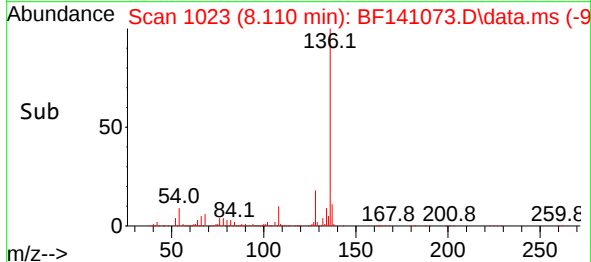
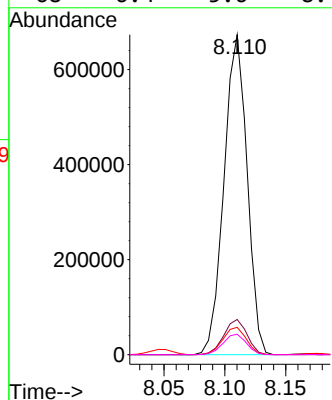
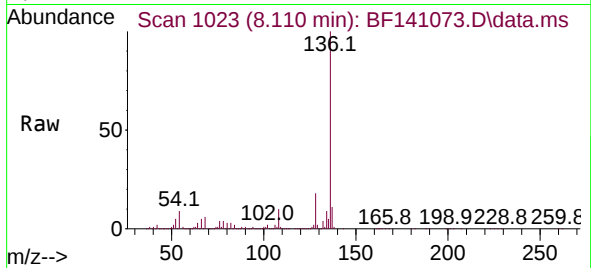


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB165961BS

Tgt Ion:136 Resp: 889913

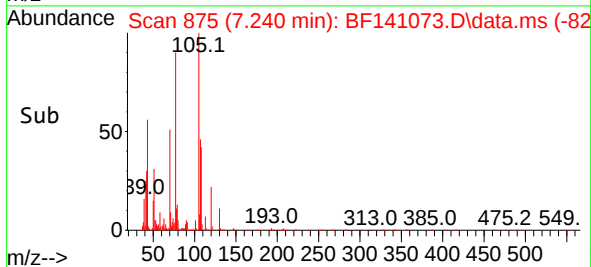
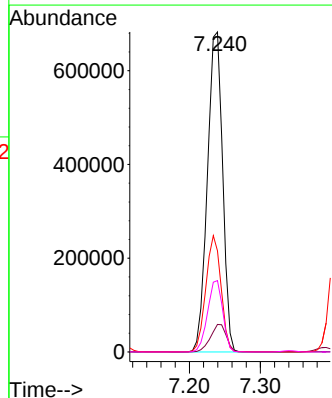
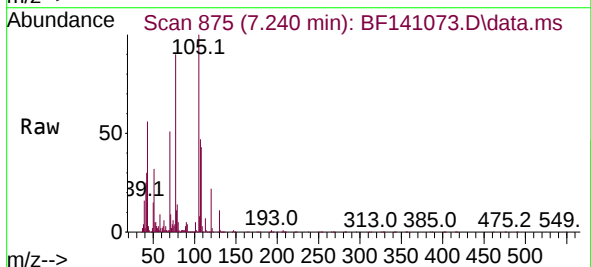
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.6	7.6	11.4
68	6.4	5.6	8.4

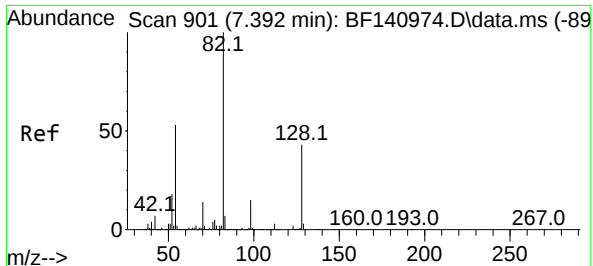


#22
Acetophenone
Concen: 46.740 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:105 Resp: 1020378

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.1	9.1
51	31.6	25.8	38.6
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 111.961 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

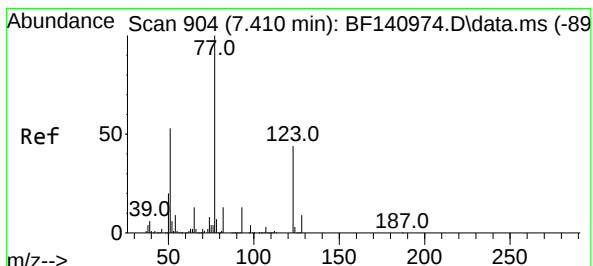
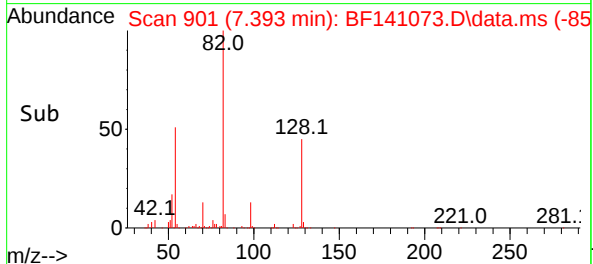
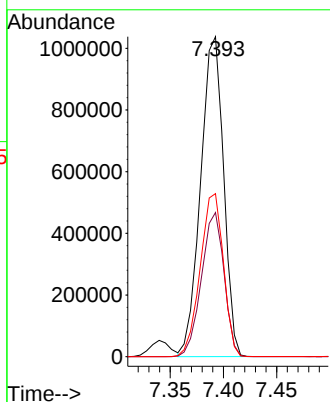
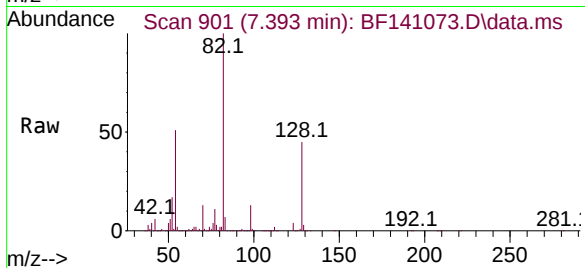
BNA_F

ClientSampleId :

PB165961BS

Tgt Ion: 82 Resp: 1557339

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.4	51.6
54	51.0	42.4	63.6



#24

Nitrobenzene

Concen: 52.006 ng

RT: 7.410 min Scan# 904

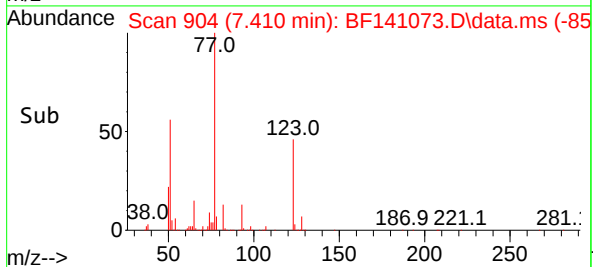
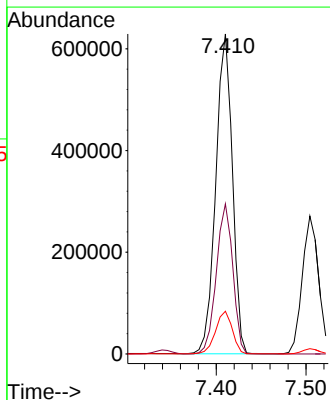
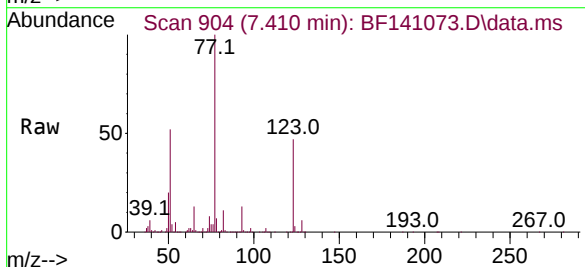
Delta R.T. 0.000 min

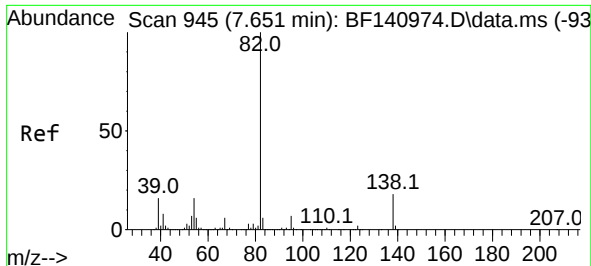
Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Tgt Ion: 77 Resp: 808312

Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.4	53.2
65	13.4	10.7	16.1

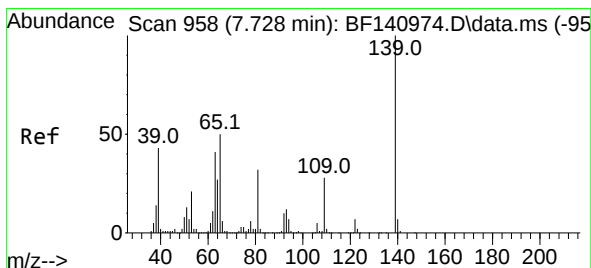
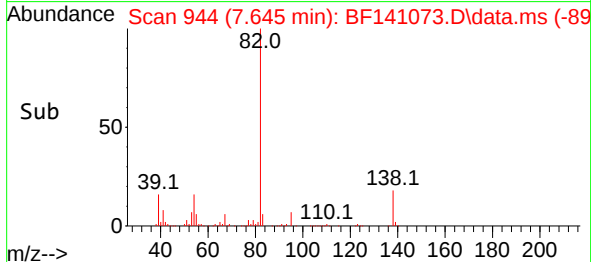
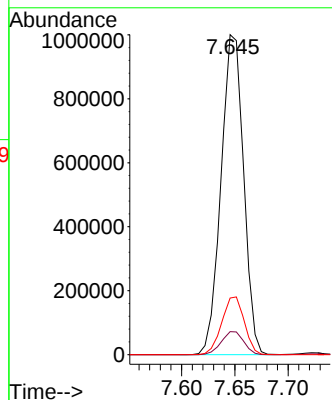
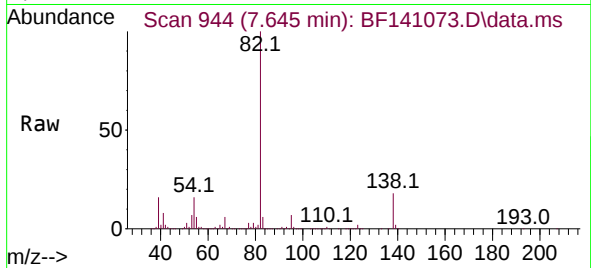




#25
Isophorone
Concen: 48.627 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

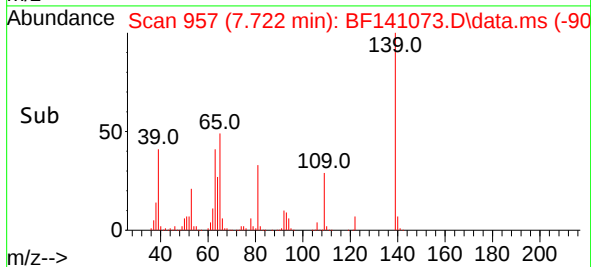
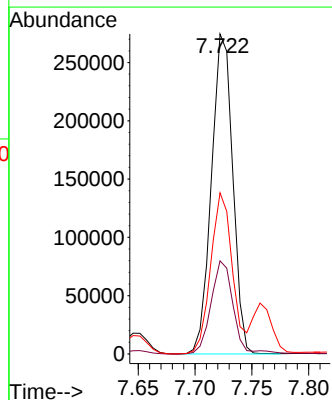
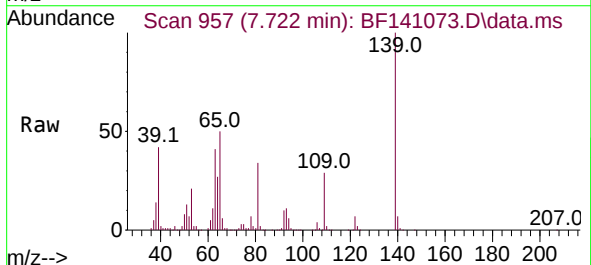
Instrument :
BNA_F
ClientSampleId :
PB165961BS

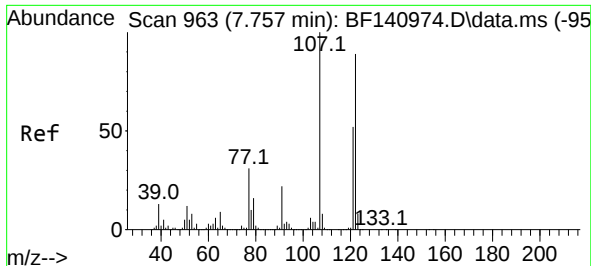
Tgt Ion: 82 Resp: 1471854
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 55.360 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:139 Resp: 358438
Ion Ratio Lower Upper
139 100
109 29.1 22.2 33.4
65 50.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 57.545 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

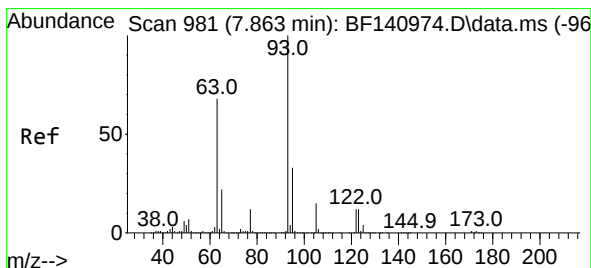
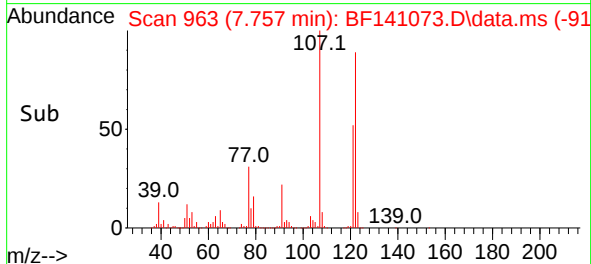
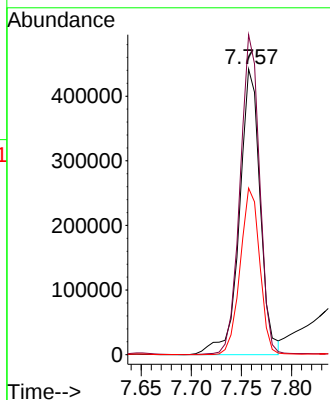
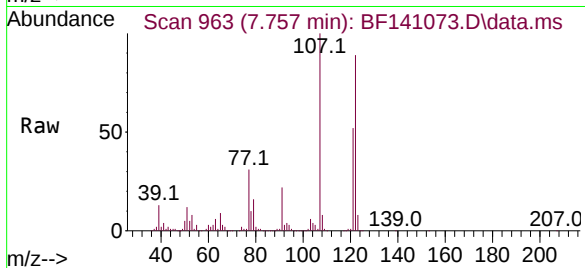
Tgt Ion:122 Resp: 636568

Ion Ratio Lower Upper

122 100

107 112.0 89.4 134.2

121 58.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.140 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

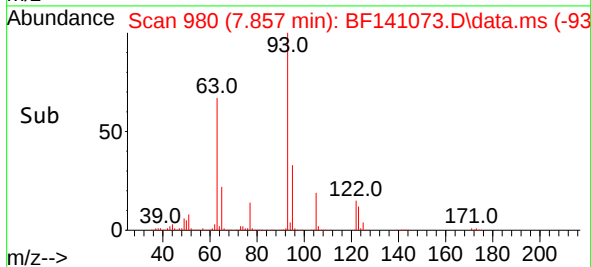
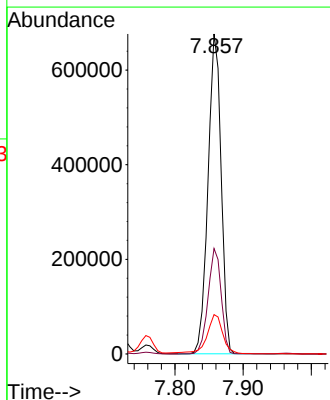
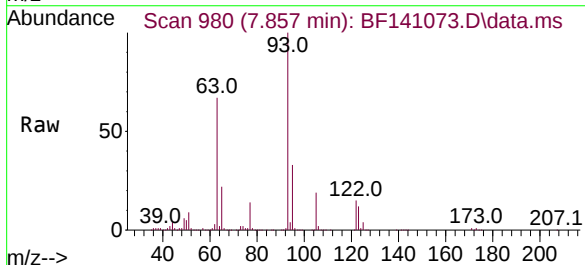
Tgt Ion: 93 Resp: 904020

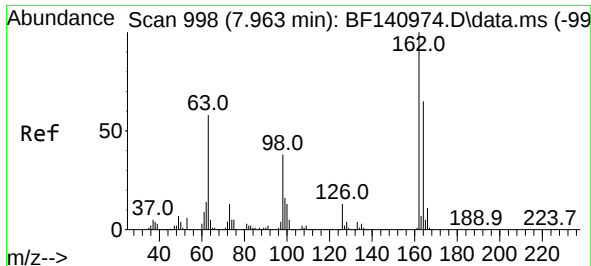
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.3 9.9 14.9

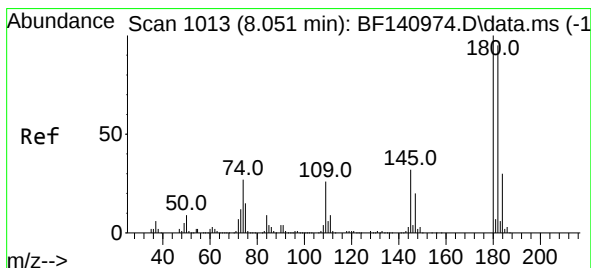
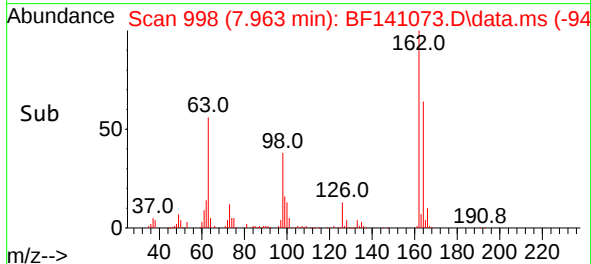
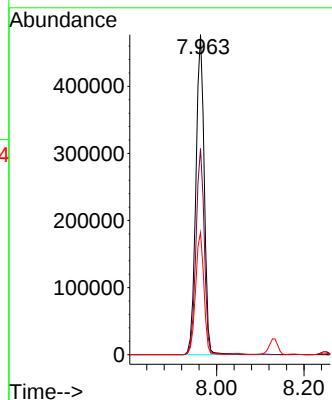
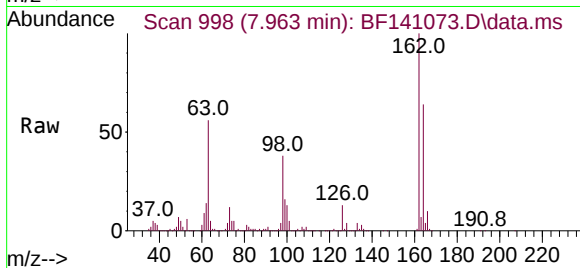




#29
2,4-Dichlorophenol
Concen: 50.614 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

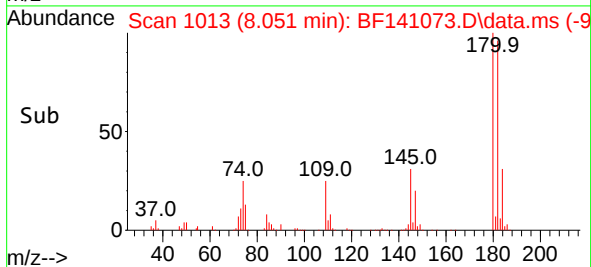
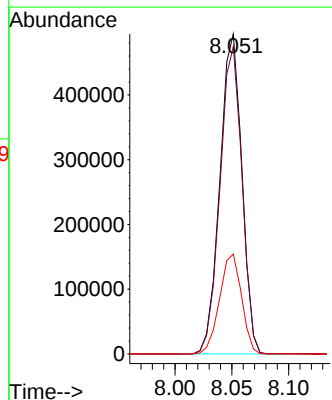
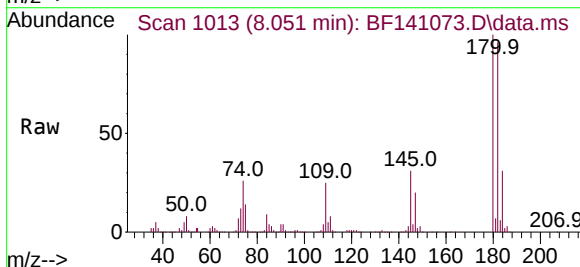
Instrument :
BNA_F
ClientSampleId :
PB165961BS

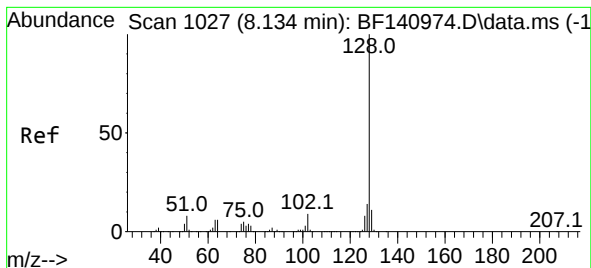
Tgt Ion:162 Resp: 635006
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 38.1 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 46.767 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

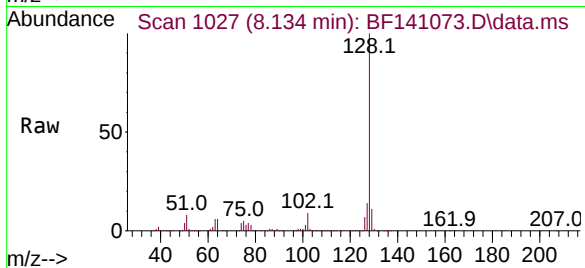
Tgt Ion:180 Resp: 664108
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
145 31.2 25.4 38.2



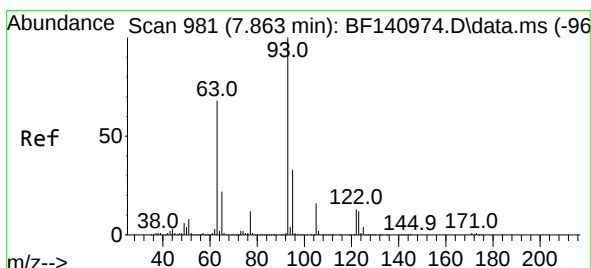
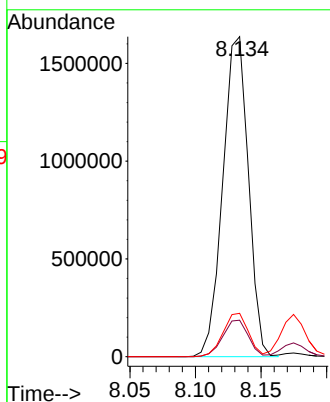
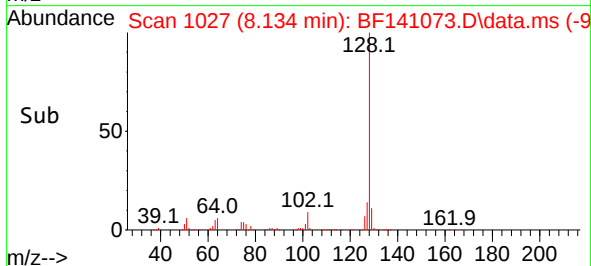


#31
Naphthalene
Concen: 47.382 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB165961BS

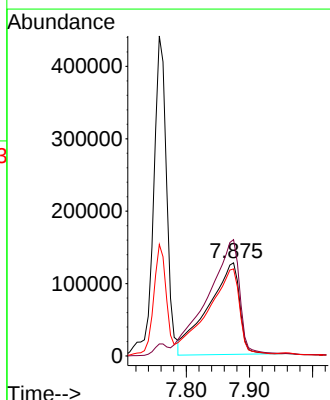
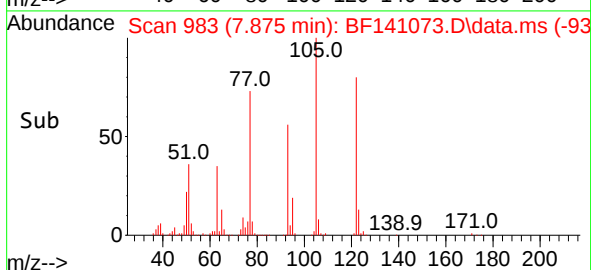
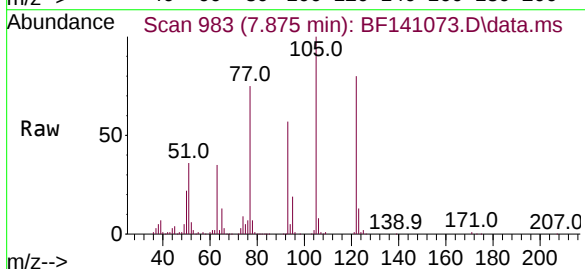


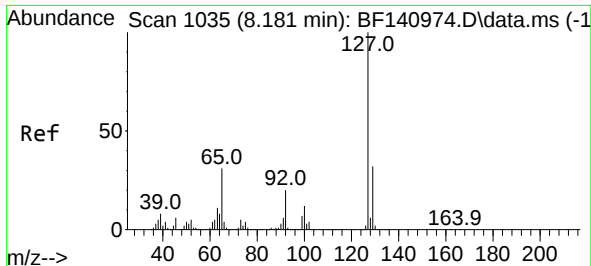
Tgt Ion:128 Resp: 2221888
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 48.194 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:122 Resp: 439069
Ion Ratio Lower Upper
122 100
105 124.9 105.4 145.4
77 93.6 76.4 116.4



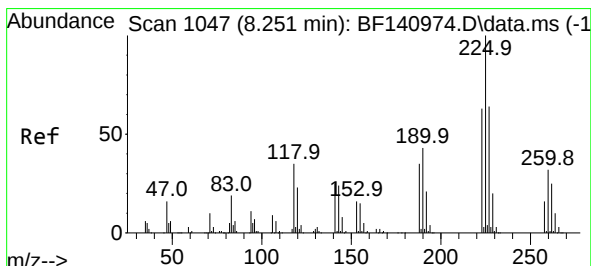
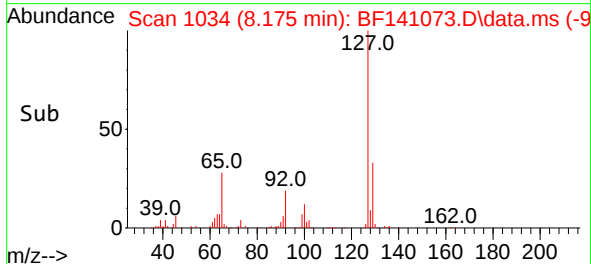
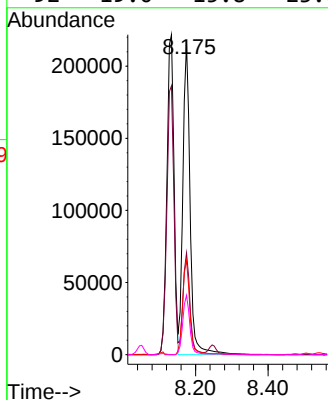
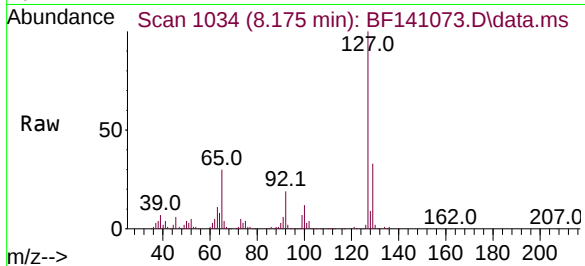


#33
4-Chloroaniline
Concen: 17.756 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB165961BS

Tgt Ion:127 Resp: 301215

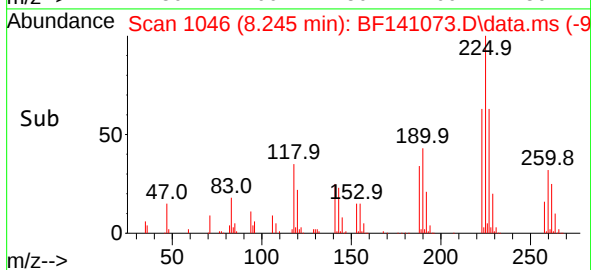
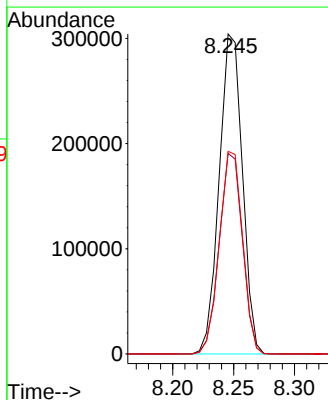
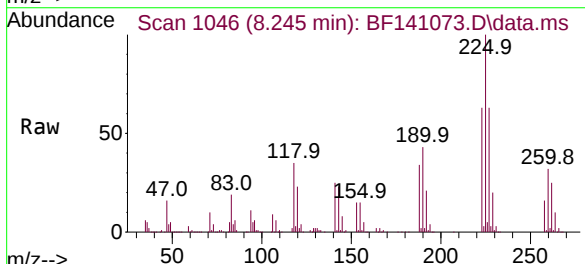
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	30.4	24.6	37.0
92	19.0	15.8	23.6

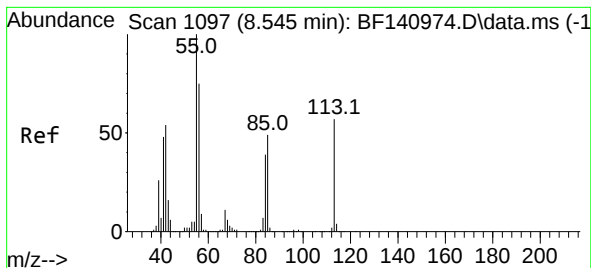


#34
Hexachlorobutadiene
Concen: 48.286 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:225 Resp: 404219

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	63.3	50.8	76.2





#35

Caprolactam

Concen: 47.205 ng m

RT: 8.540 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

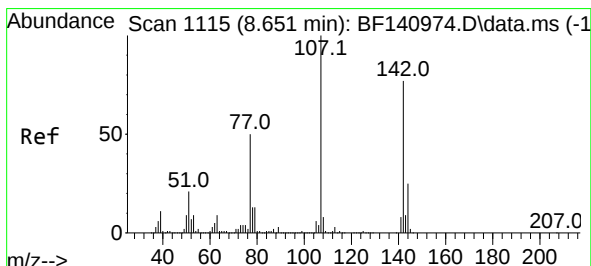
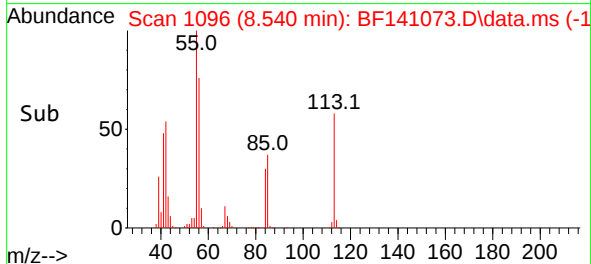
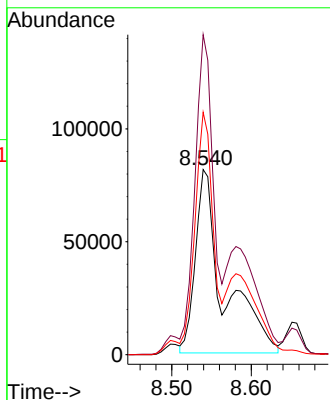
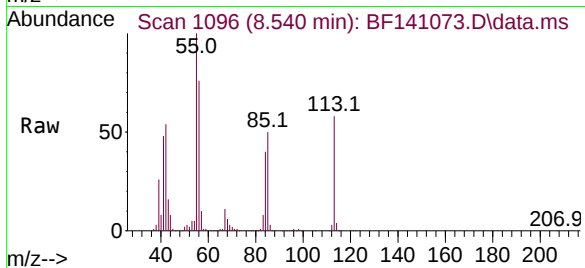
Tgt Ion:113 Resp: 201335

Ion Ratio Lower Upper

113 100

55 172.9 156.6 196.6

56 131.0 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 48.798 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

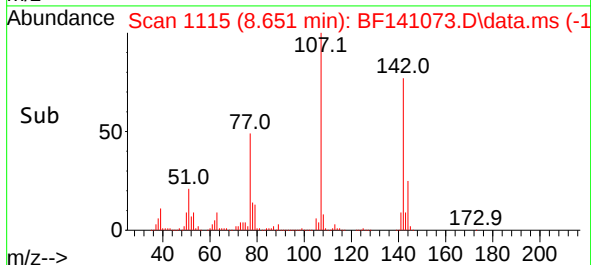
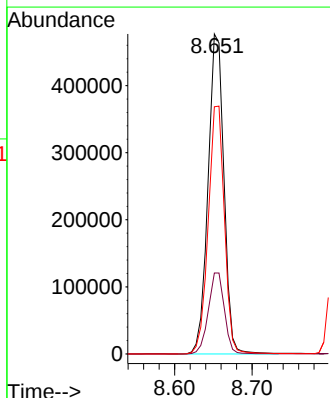
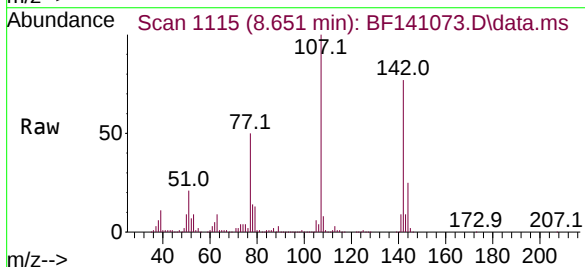
Tgt Ion:107 Resp: 679902

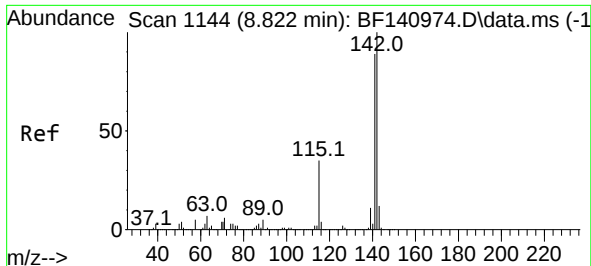
Ion Ratio Lower Upper

107 100

144 25.3 19.9 29.9

142 77.3 61.8 92.8

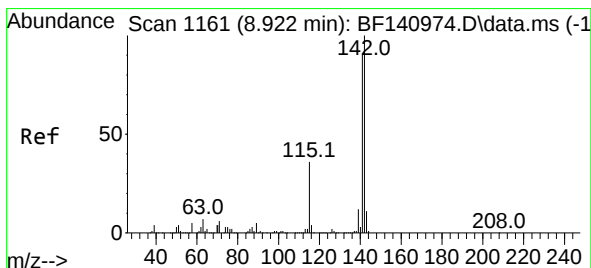
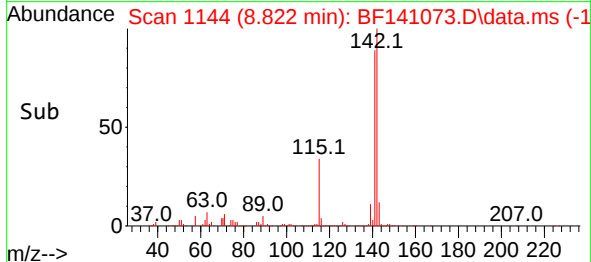
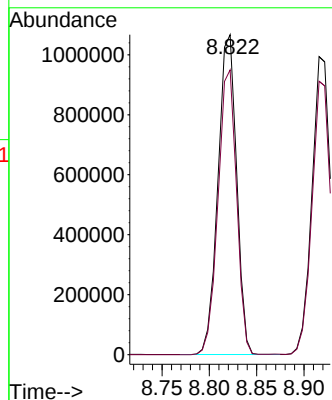
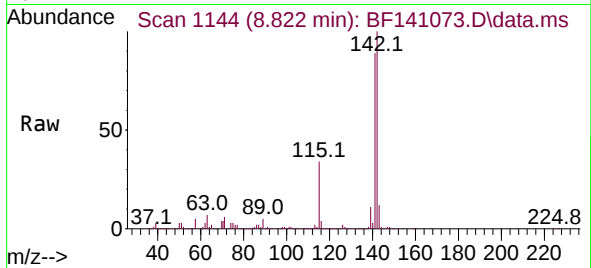




#37
2-Methylnaphthalene
Concen: 48.615 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

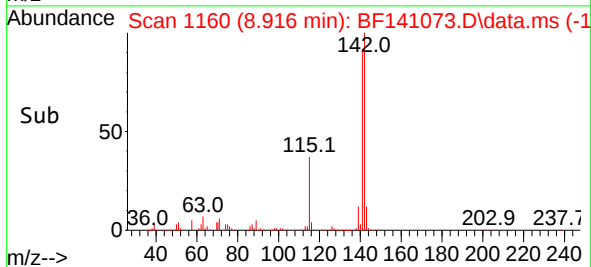
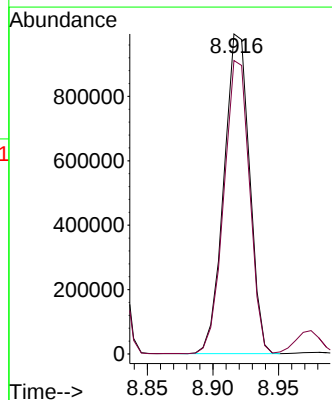
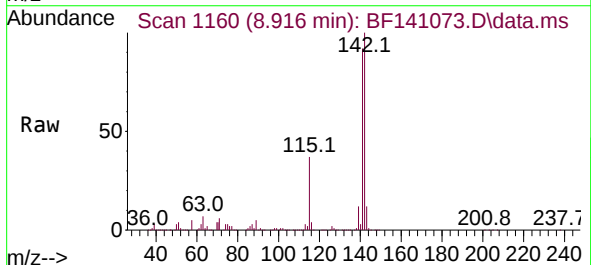
Instrument :
BNA_F
ClientSampleId :
PB165961BS

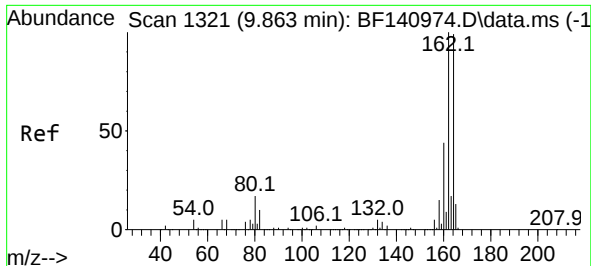
Tgt Ion:142 Resp: 1458401
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#38
1-Methylnaphthalene
Concen: 45.826 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:142 Resp: 1351084
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1

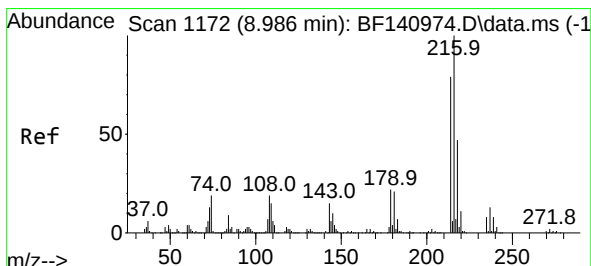
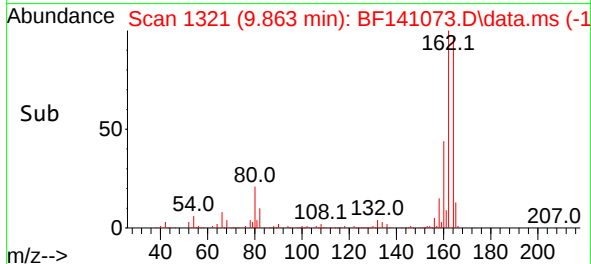
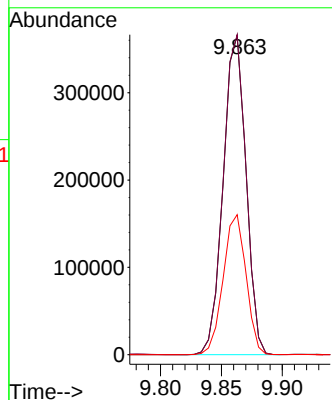
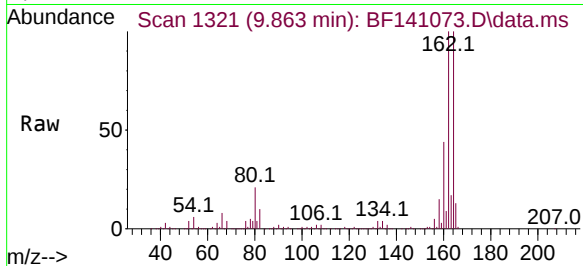




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

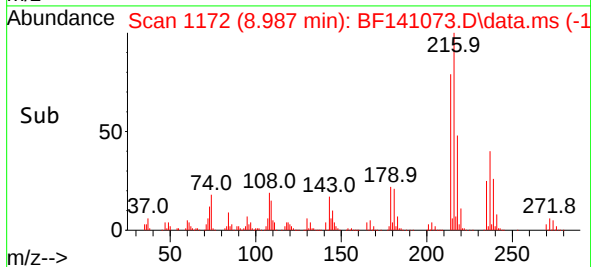
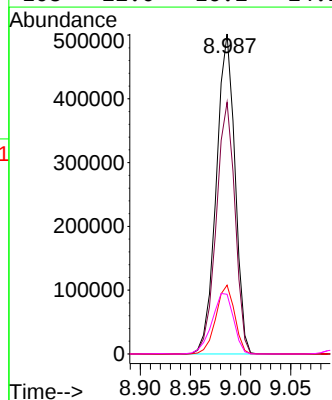
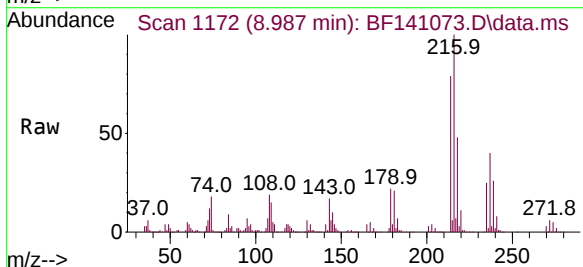
Instrument :
BNA_F
ClientSampleId :
PB165961BS

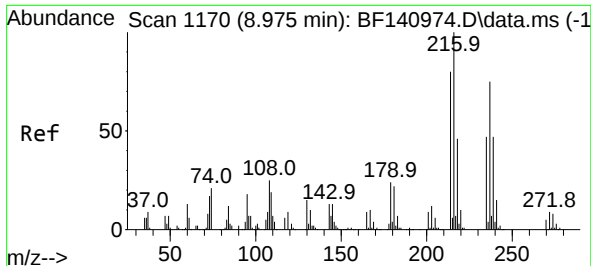
Tgt Ion:164 Resp: 476125
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.602 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:216 Resp: 649720
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 21.5 17.9 26.9
108 22.0 16.2 24.2

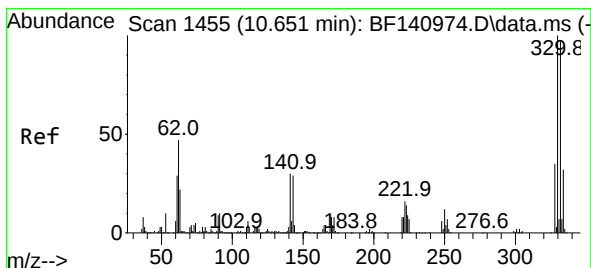
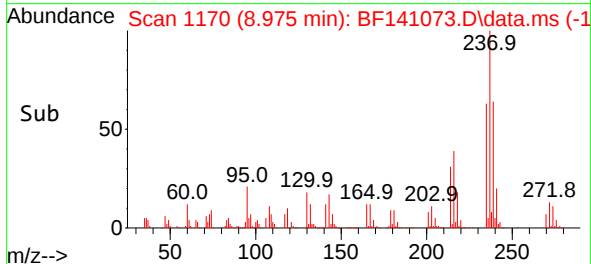
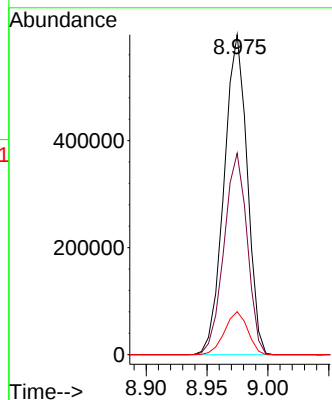
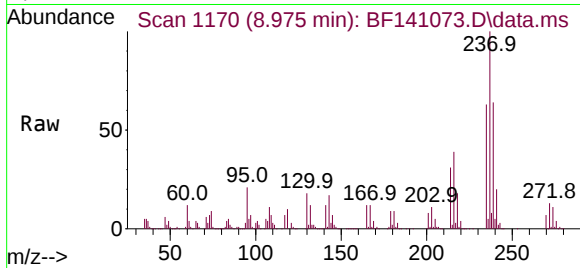




#41
Hexachlorocyclopentadiene
Concen: 182.285 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

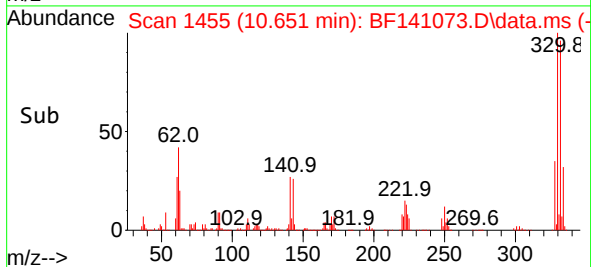
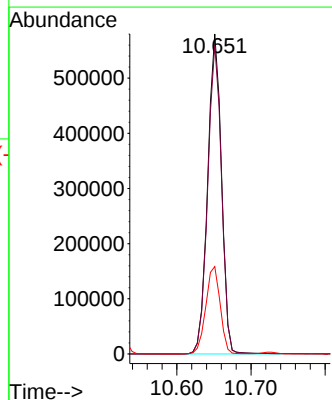
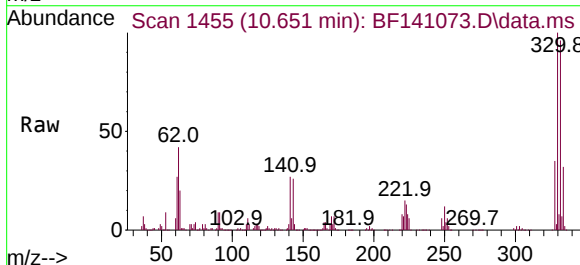
Instrument :
BNA_F
ClientSampleId :
PB165961BS

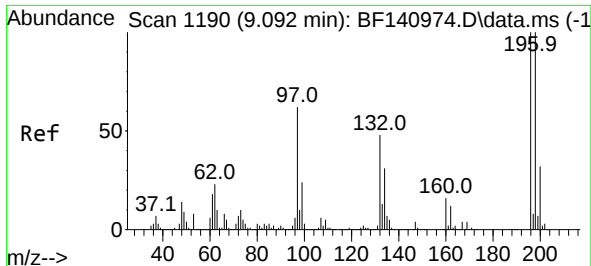
Tgt Ion: 237 Resp: 791260
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 162.332 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 330 Resp: 751037
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.6 26.4 39.6

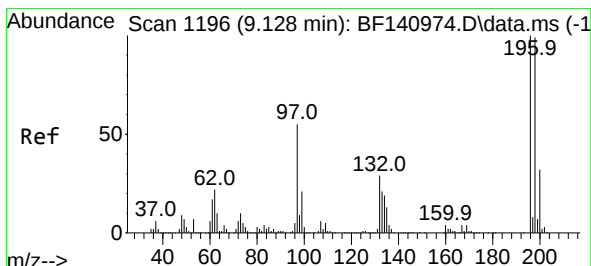
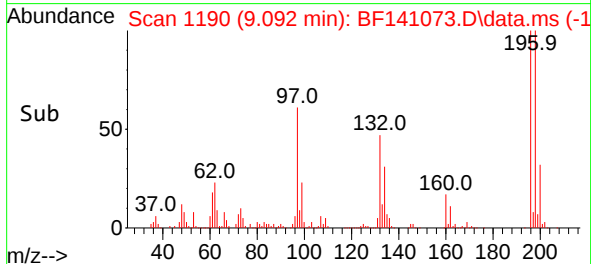
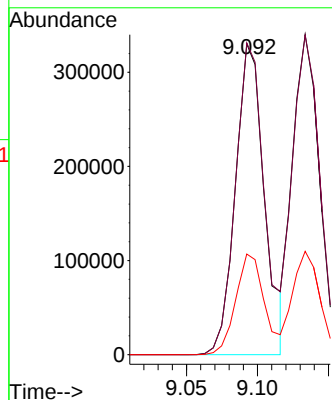
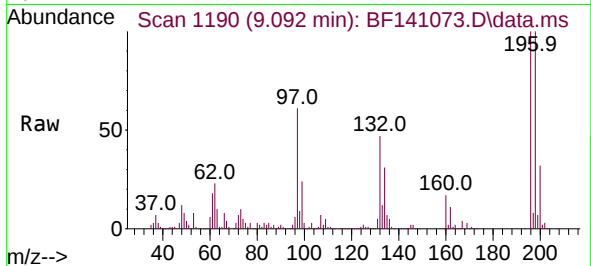




#43
2,4,6-Trichlorophenol
Concen: 53.517 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

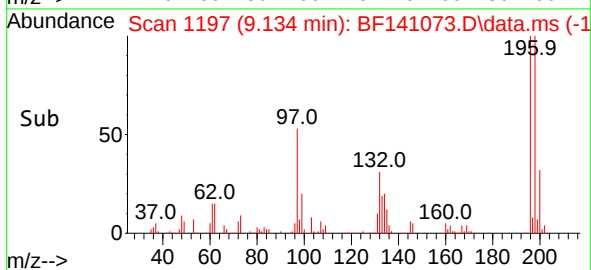
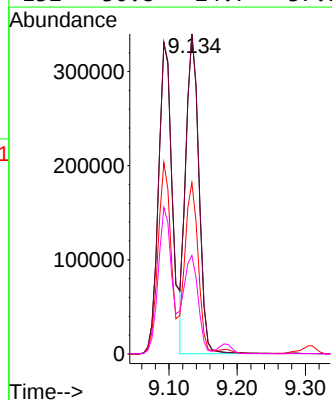
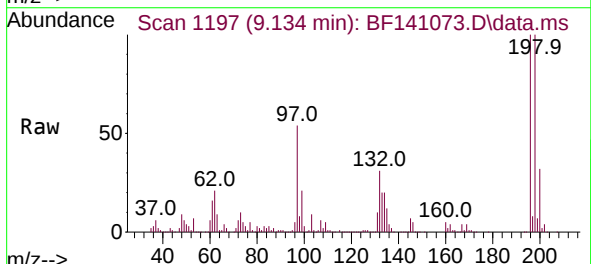
Instrument :
BNA_F
ClientSampleId :
PB165961BS

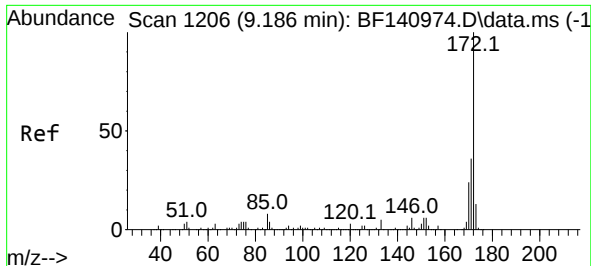
Tgt Ion:196 Resp: 466556
Ion Ratio Lower Upper
196 100
198 100.3 80.2 120.4
200 32.4 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 50.445 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:196 Resp: 449972
Ion Ratio Lower Upper
196 100
198 99.9 79.9 119.9
97 53.5 44.3 66.5
132 30.8 24.7 37.1

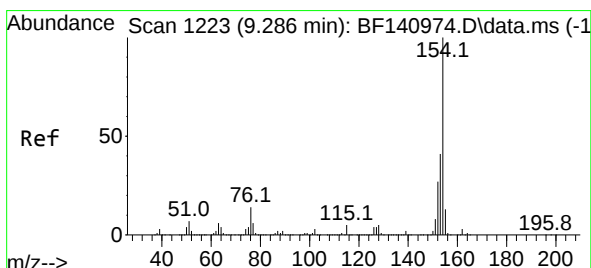
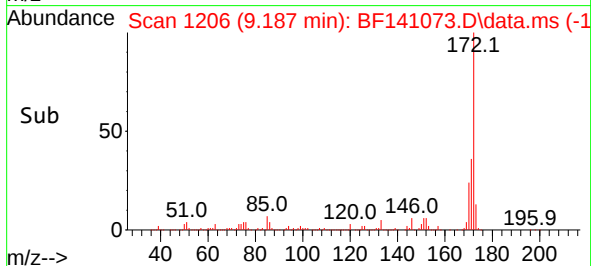
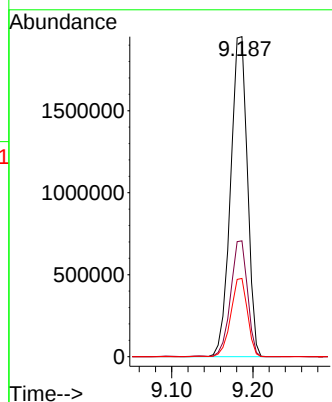
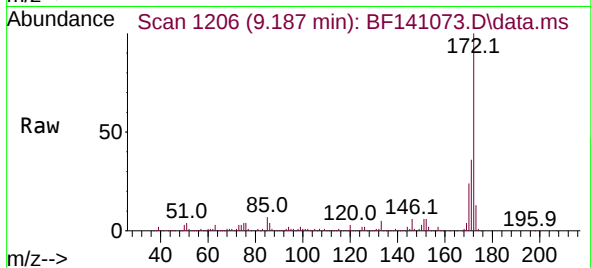




#45
2-Fluorobiphenyl
Concen: 94.131 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

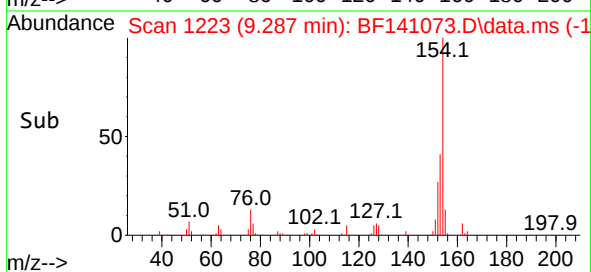
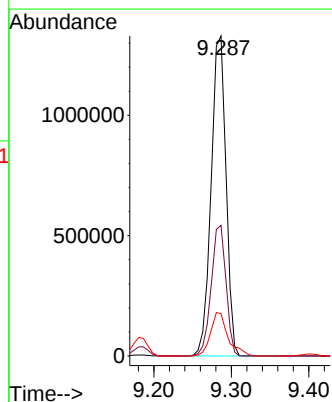
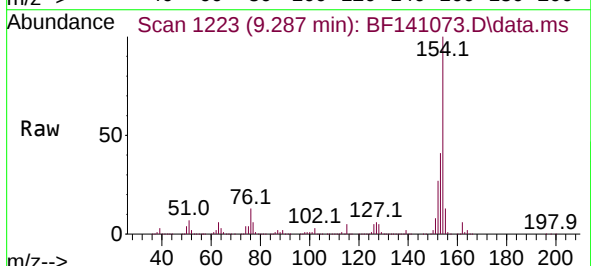
Instrument :
BNA_F
ClientSampleId :
PB165961BS

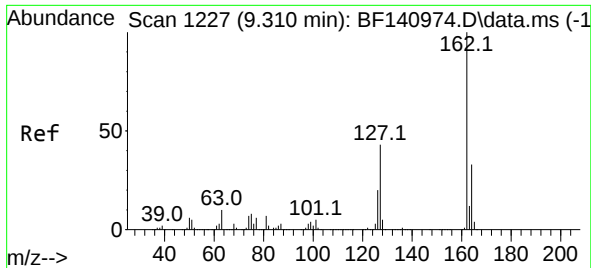
Tgt Ion:172 Resp: 2813031
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 48.556 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:154 Resp: 1770186
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 13.3 0.0 34.0

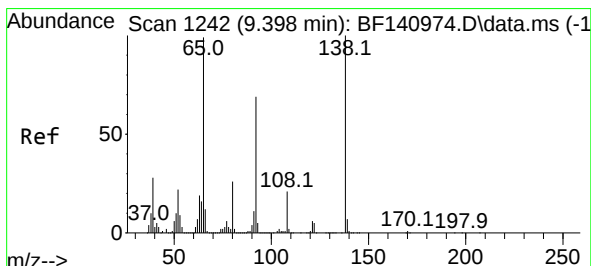
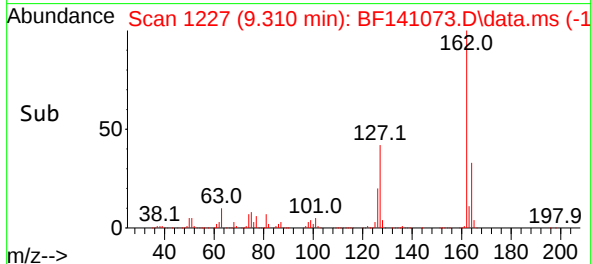
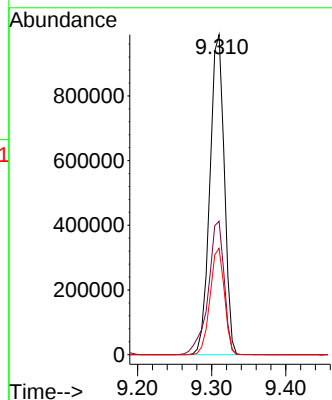
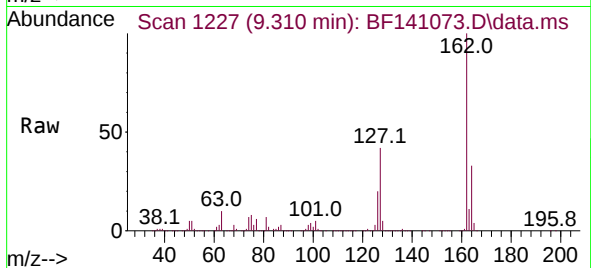




#47
2-Chloronaphthalene
Concen: 47.275 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

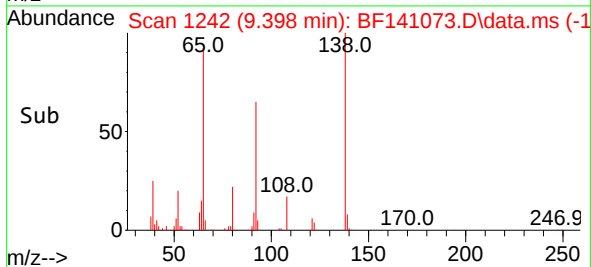
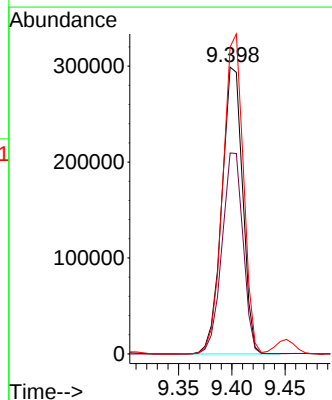
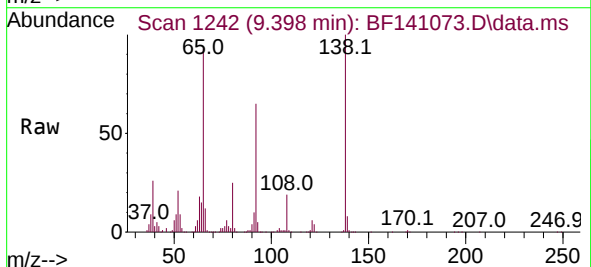
Instrument :
BNA_F
ClientSampleId :
PB165961BS

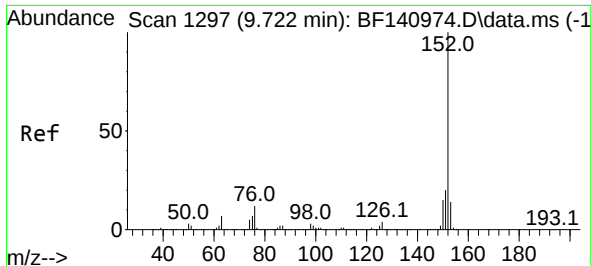
Tgt Ion:162 Resp: 1336697
Ion Ratio Lower Upper
162 100
127 41.7 34.2 51.4
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 54.179 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

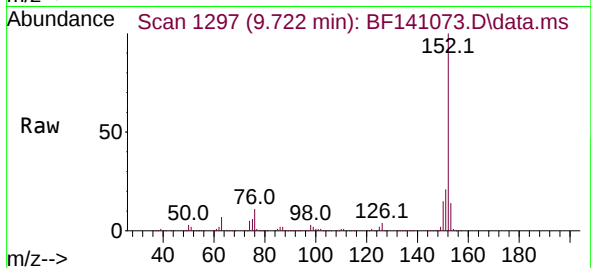
Tgt Ion: 65 Resp: 405650
Ion Ratio Lower Upper
65 100
92 70.0 55.6 83.4
138 107.1 80.5 120.7



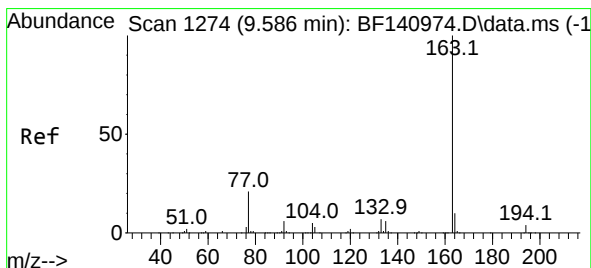
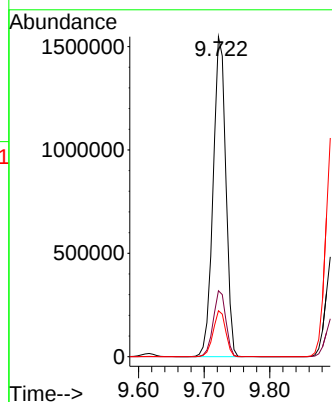
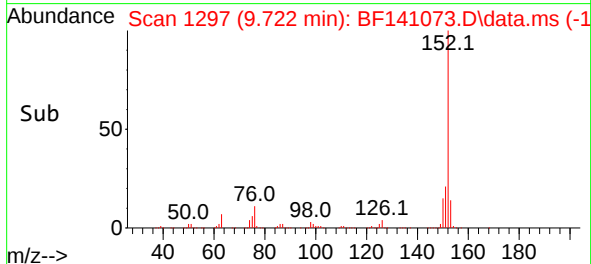


#49
Acenaphthylene
Concen: 51.131 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

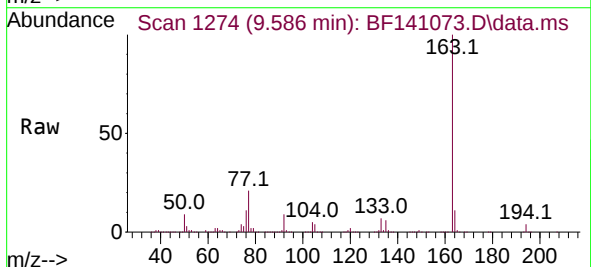
Instrument :
BNA_F
ClientSampleId :
PB165961BS



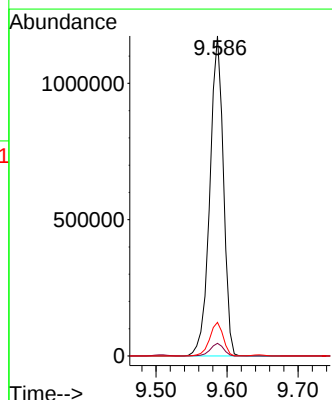
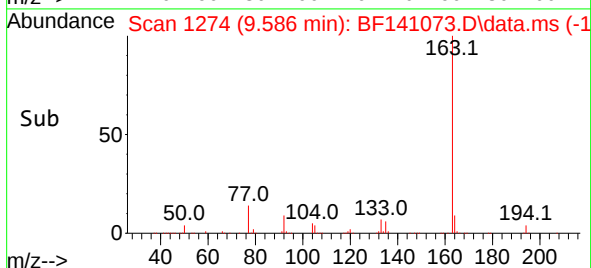
Tgt Ion:152 Resp: 2081189
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.4 11.4 17.0

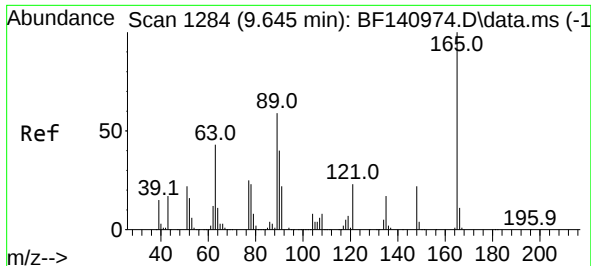


#50
Dimethylphthalate
Concen: 49.775 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54



Tgt Ion:163 Resp: 1558859
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.3 12.5

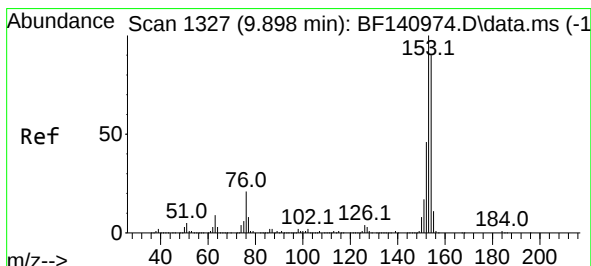
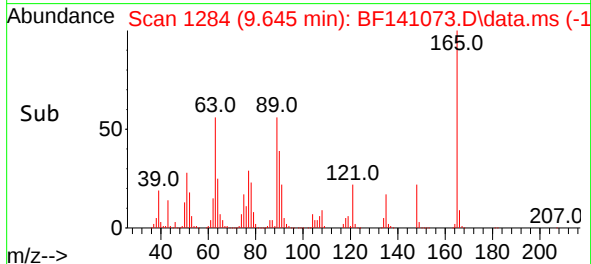
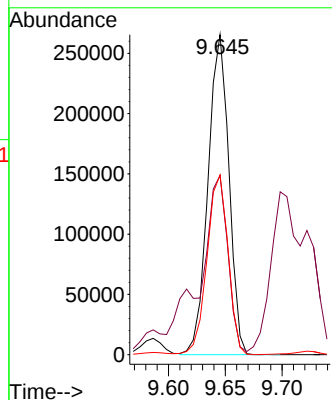
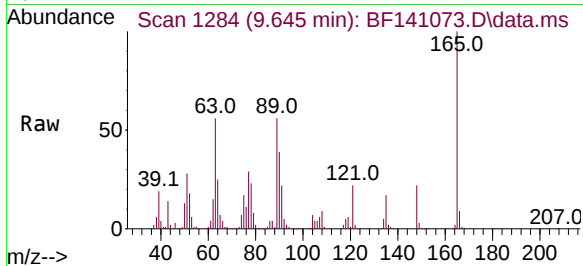




#51
2,6-Dinitrotoluene
Concen: 52.788 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

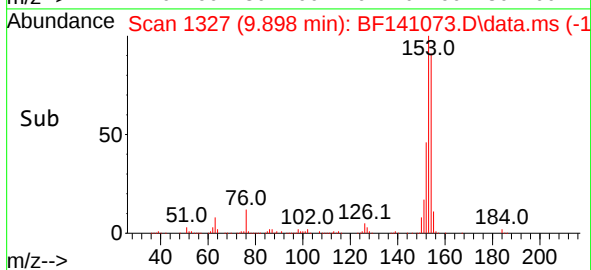
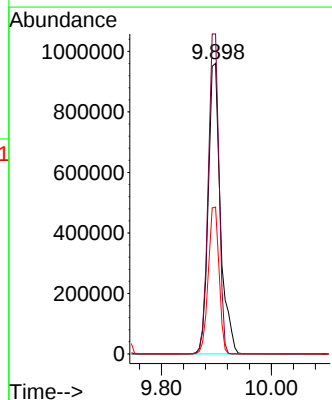
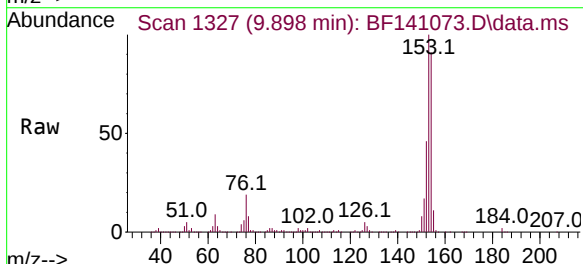
Instrument :
BNA_F
ClientSampleId :
PB165961BS

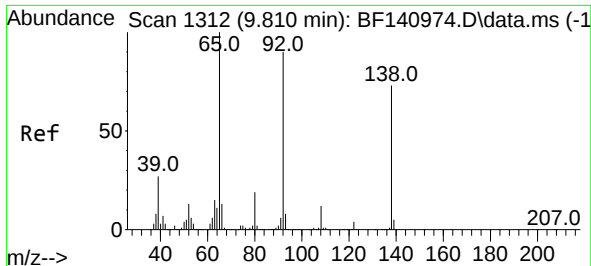
Tgt Ion:165 Resp: 339666
Ion Ratio Lower Upper
165 100
63 56.0 47.1 70.7
89 56.2 47.0 70.4



#52
Acenaphthene
Concen: 53.912 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:154 Resp: 1483490
Ion Ratio Lower Upper
154 100
153 110.1 89.2 133.8
152 50.5 40.9 61.3

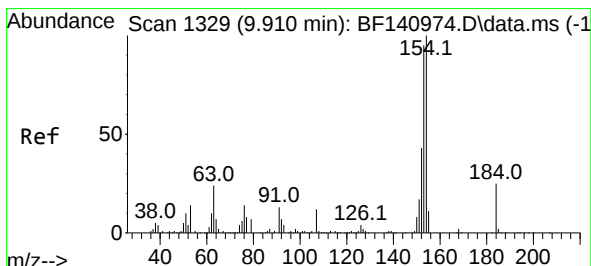
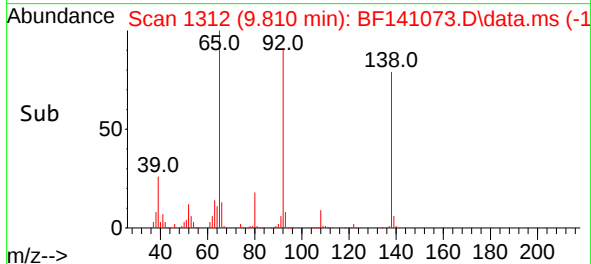
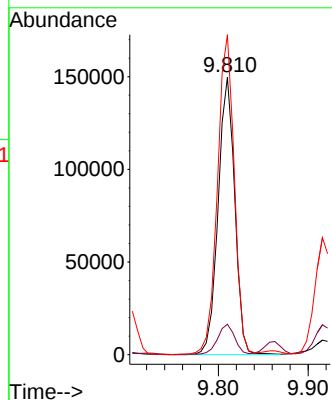
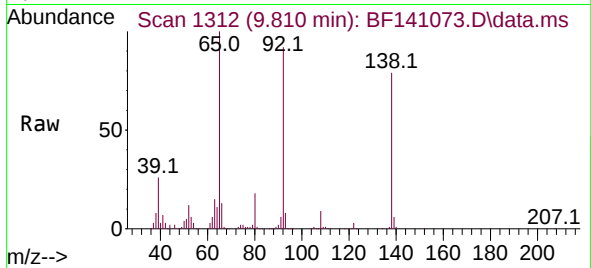




#53
3-Nitroaniline
Concen: 29.128 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

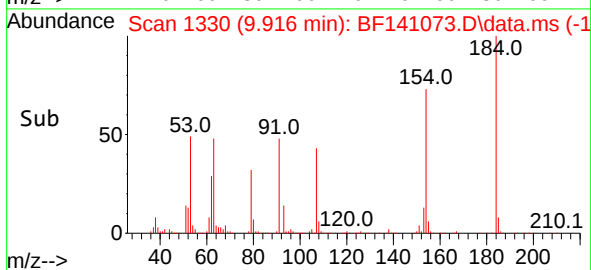
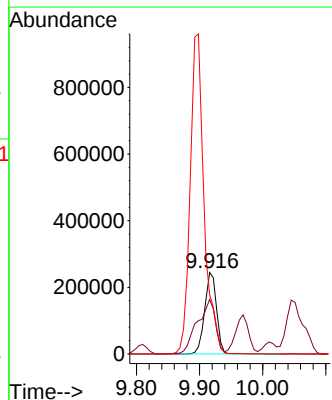
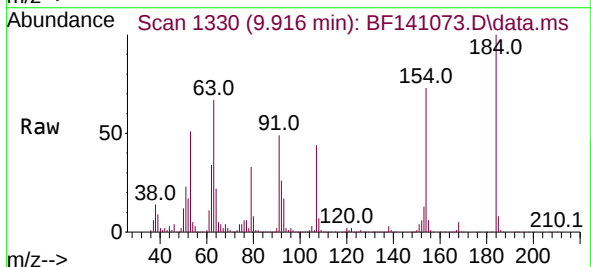
Instrument :
BNA_F
ClientSampleId :
PB165961BS

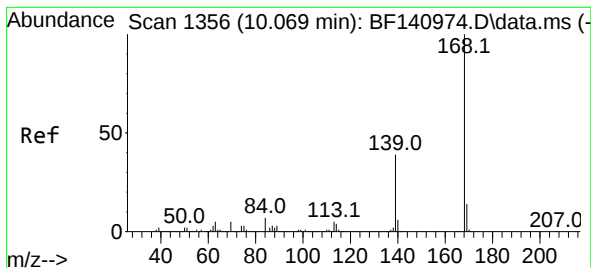
Tgt Ion:138 Resp: 192752
Ion Ratio Lower Upper
138 100
108 11.0 13.5 20.3#
92 115.3 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 108.219 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:184 Resp: 320370
Ion Ratio Lower Upper
184 100
63 67.0 81.6 122.4#
154 73.0 363.5 545.3#

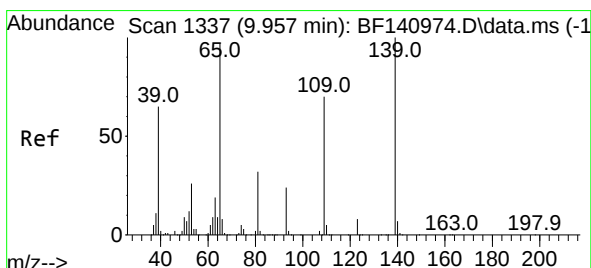
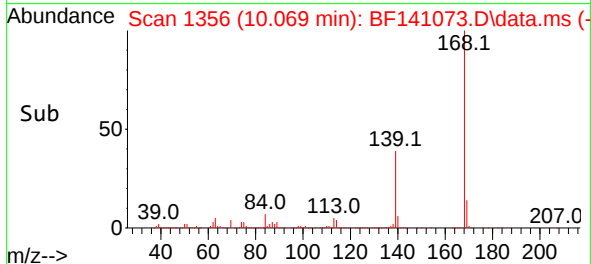
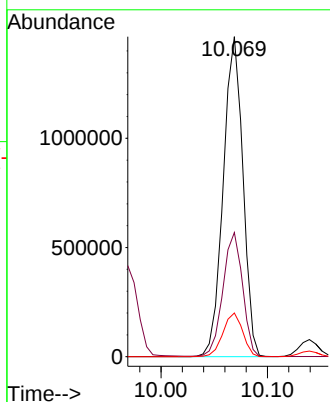
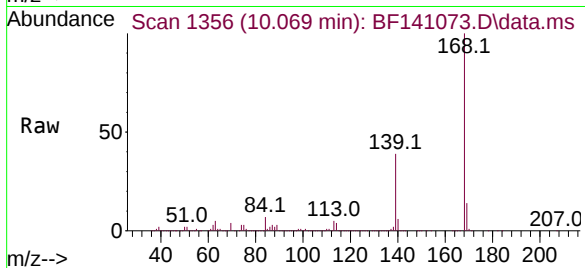




#55
Dibenzofuran
Concen: 48.501 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

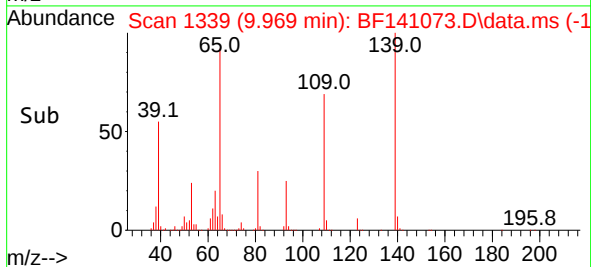
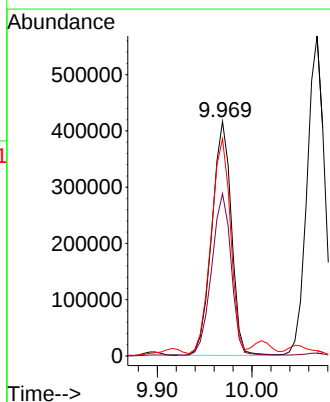
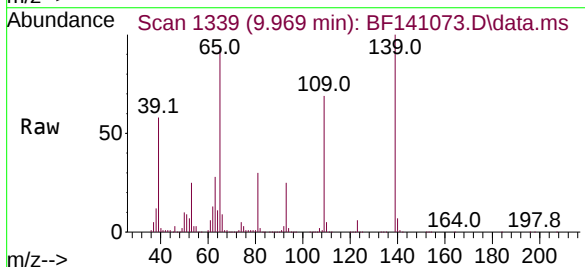
Instrument :
BNA_F
ClientSampleId :
PB165961BS

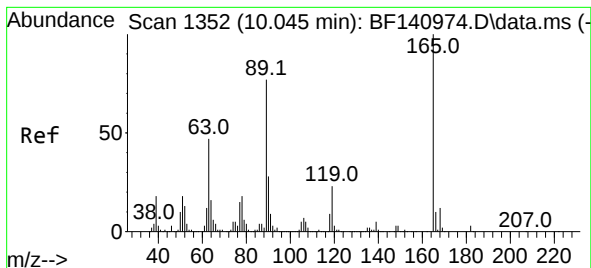
Tgt Ion:168 Resp: 1875584
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 111.073 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:139 Resp: 595039
Ion Ratio Lower Upper
139 100
109 69.3 50.8 90.8
65 92.7 78.5 118.5

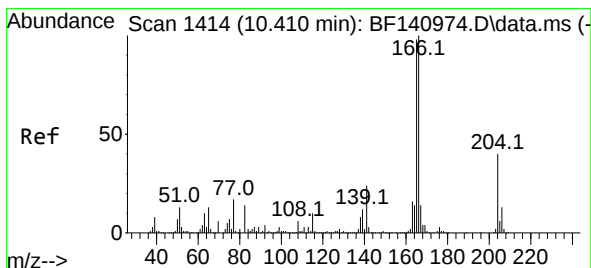
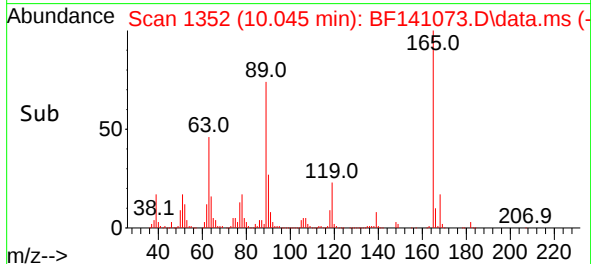
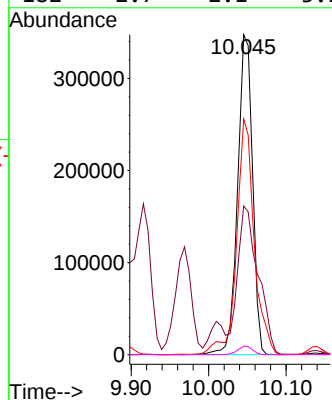
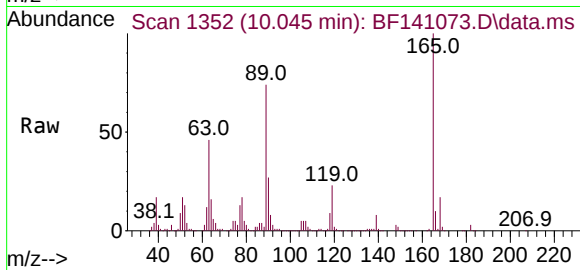




#57
2,4-Dinitrotoluene
Concen: 58.553 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

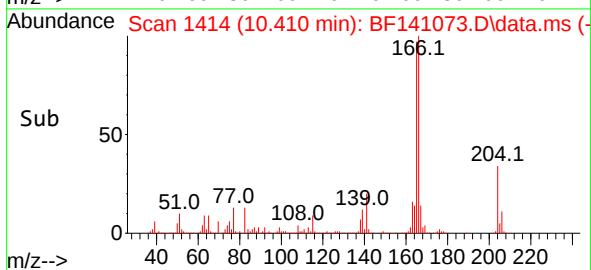
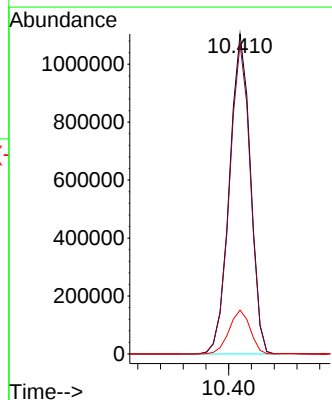
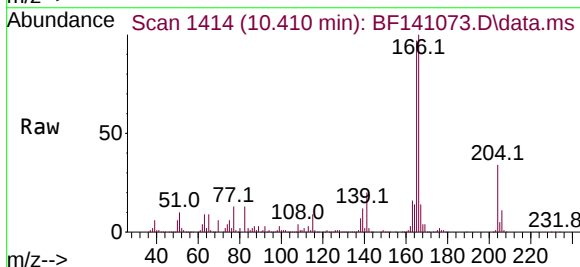
Instrument :
BNA_F
ClientSampleId :
PB165961BS

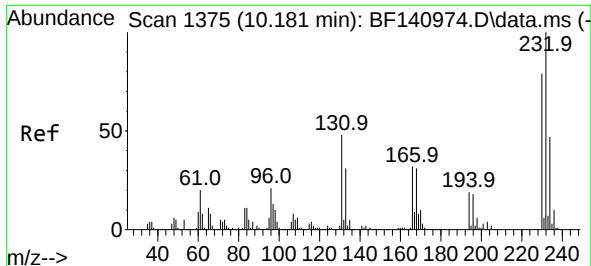
Tgt Ion:165 Resp: 466154
Ion Ratio Lower Upper
165 100
63 46.4 38.1 57.1
89 73.6 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 47.045 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:166 Resp: 1410758
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 13.7 10.9 16.3

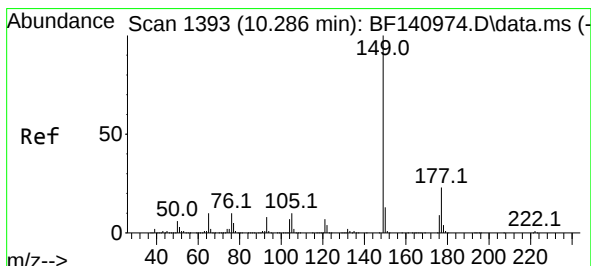
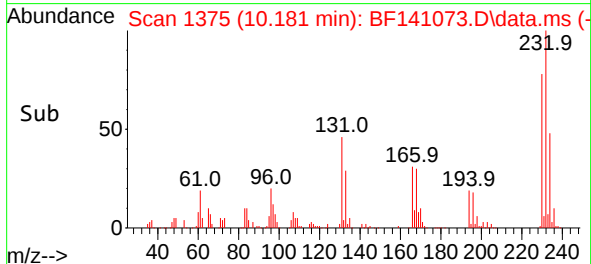
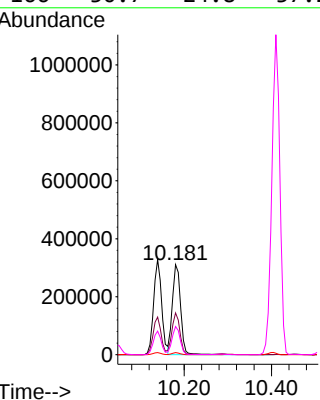
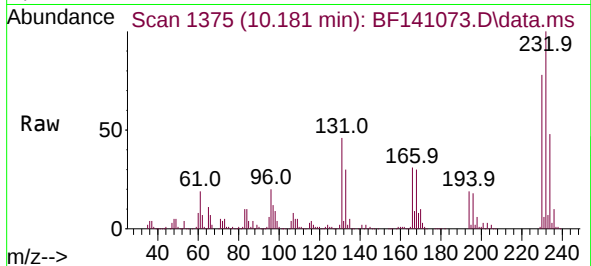




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.483 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

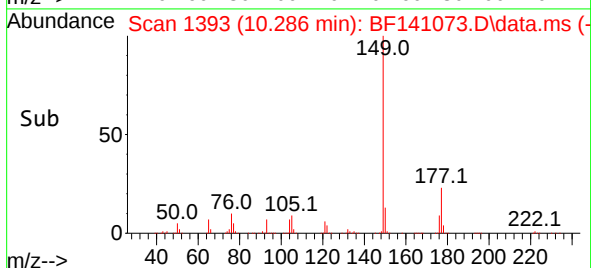
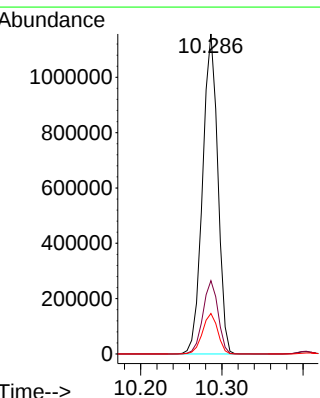
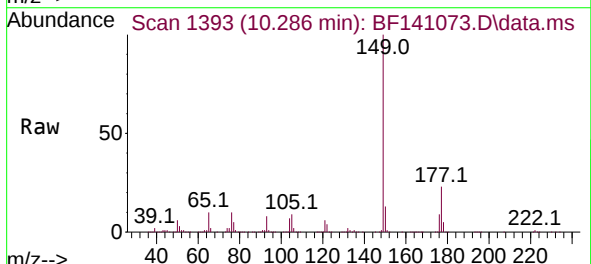
Instrument :
BNA_F
ClientSampleId :
PB165961BS

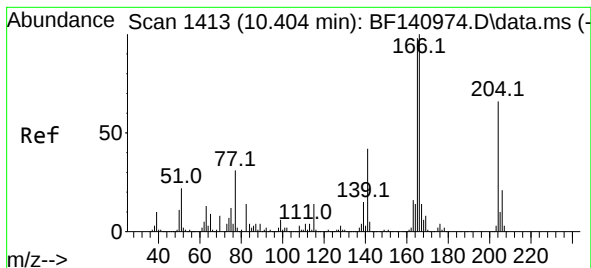
Tgt Ion:232 Resp: 402501
Ion Ratio Lower Upper
232 100
131 45.8 37.4 56.2
130 2.2 1.8 2.8
166 30.7 24.8 37.2



#60
Diethylphthalate
Concen: 48.768 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:149 Resp: 1507800
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.6 10.4 15.6

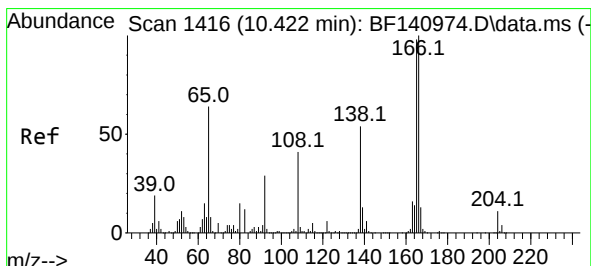
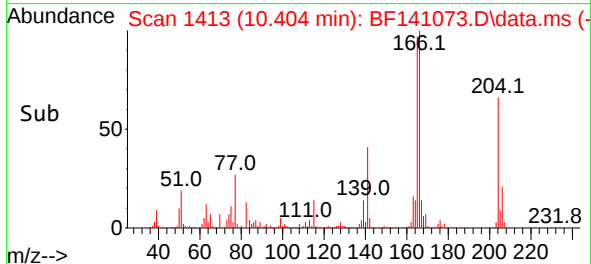
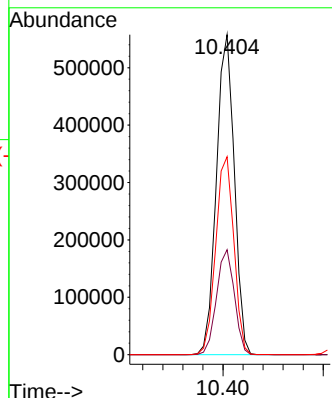
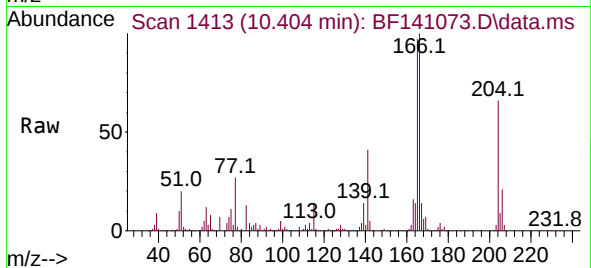




#61
4-Chlorophenyl-phenylether
Concen: 47.870 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

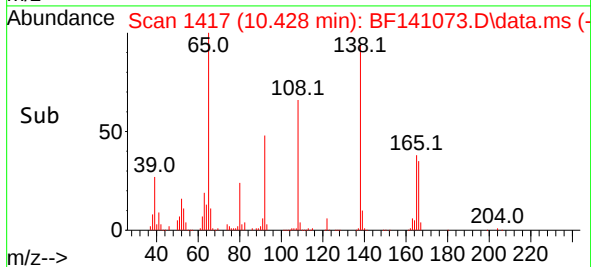
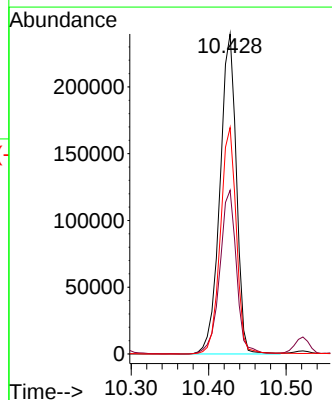
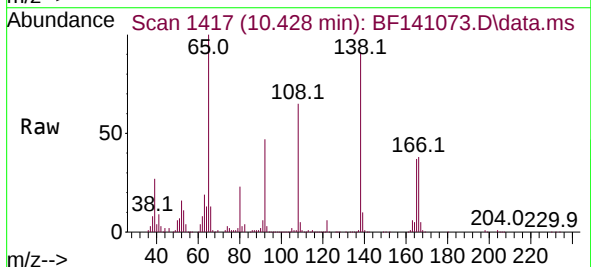
Instrument :
BNA_F
ClientSampleId :
PB165961BS

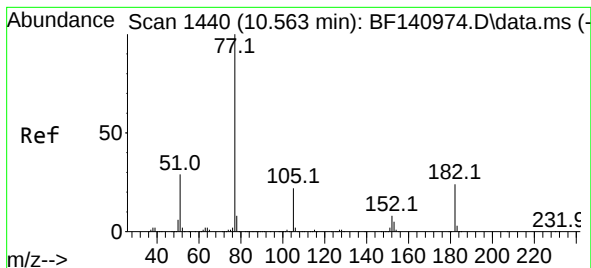
Tgt Ion:204 Resp: 690729
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 61.9 51.2 76.8



#62
4-Nitroaniline
Concen: 50.669 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:138 Resp: 352973
Ion Ratio Lower Upper
138 100
92 51.1 34.8 74.8
108 70.8 55.9 95.9

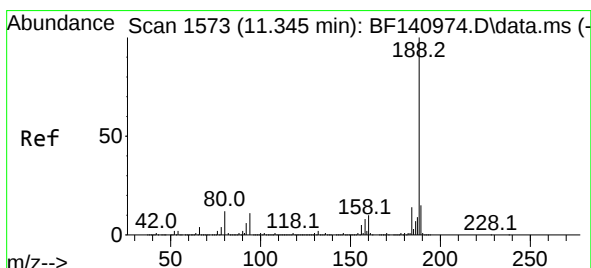
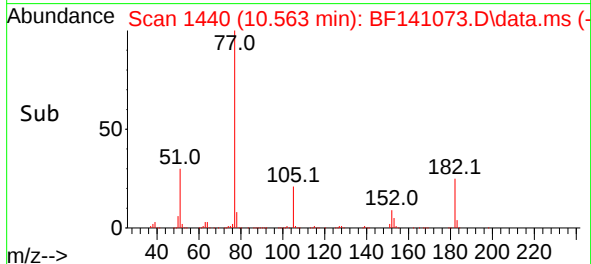
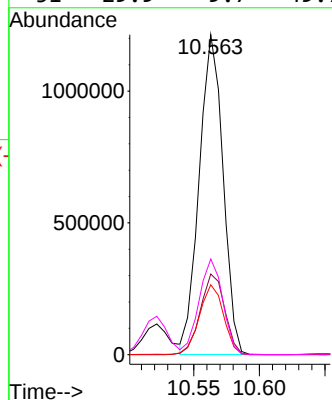
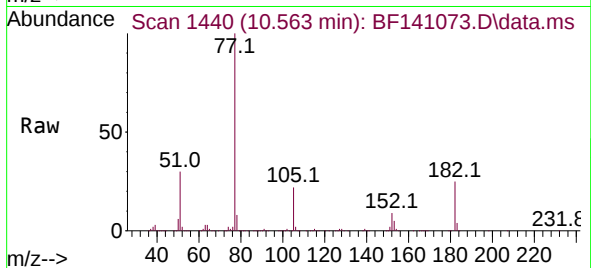




#63
Azobenzene
Concen: 47.298 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

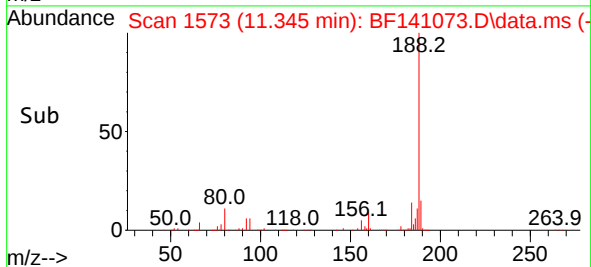
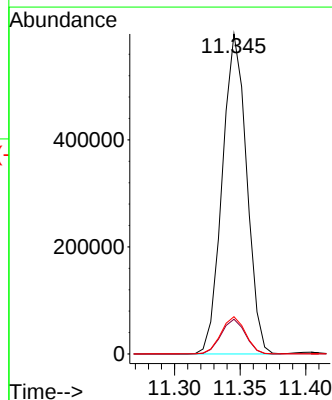
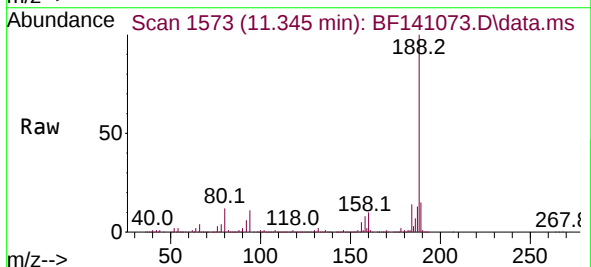
Instrument :
BNA_F
ClientSampleId :
PB165961BS

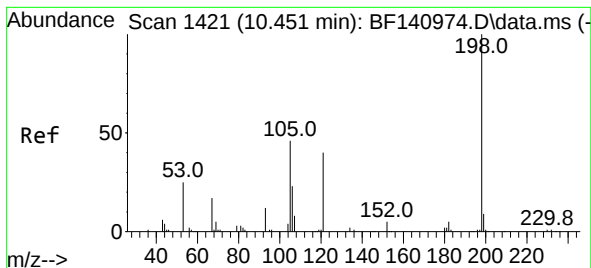
Tgt Ion: 77 Resp: 1534934
Ion Ratio Lower Upper
77 100
182 25.2 4.1 44.1
105 21.9 1.8 41.8
51 29.9 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion: 188 Resp: 772941
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 9.8 14.6

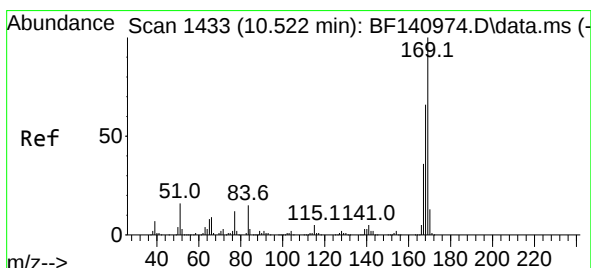
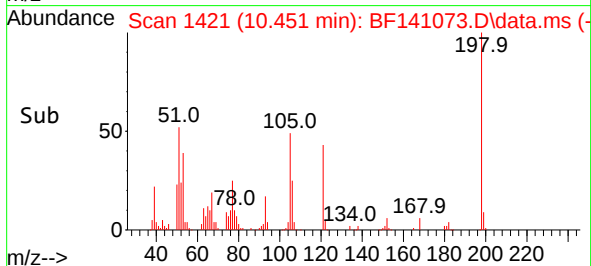
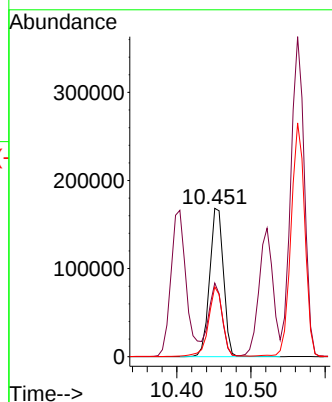
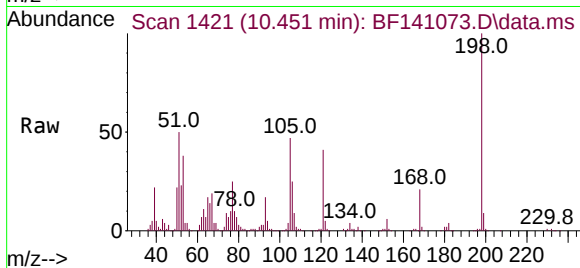




#65
4,6-Dinitro-2-methylphenol
Concen: 66.465 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

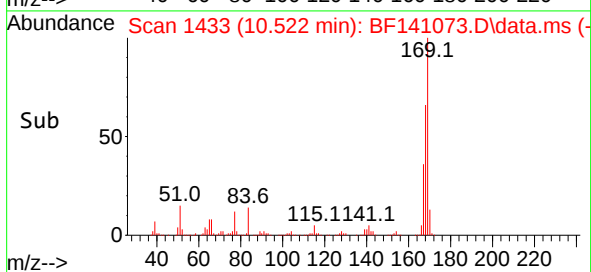
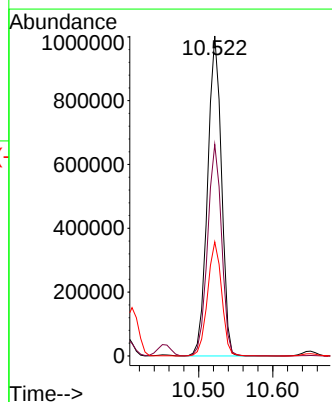
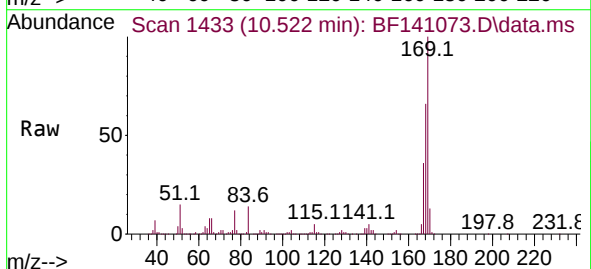
Instrument :
BNA_F
ClientSampleId :
PB165961BS

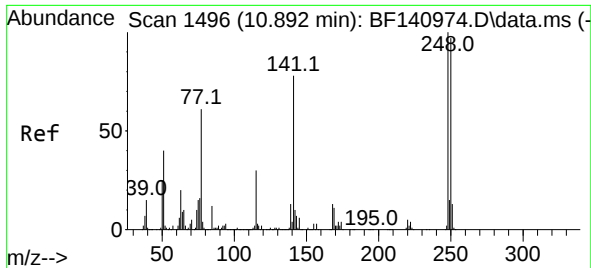
Tgt Ion:198 Resp: 218584
Ion Ratio Lower Upper
198 100
51 49.6 32.3 72.3
105 47.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 53.551 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:169 Resp: 1303414
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 35.7 29.0 43.4

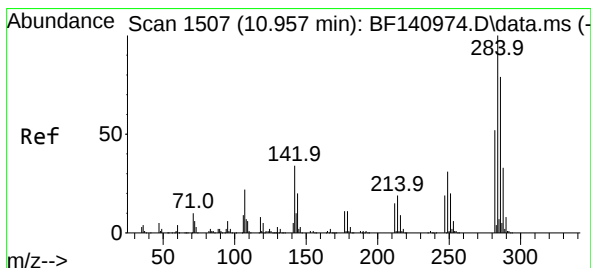
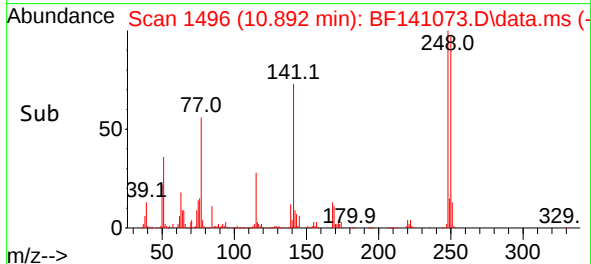
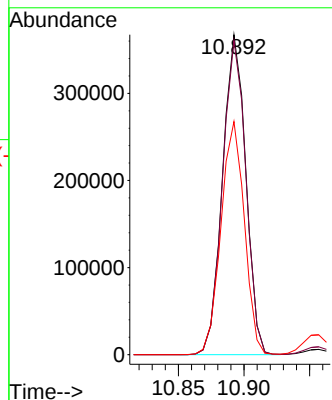
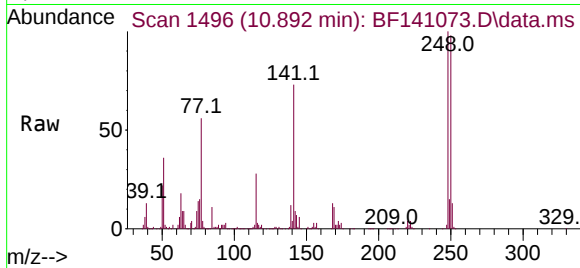




#67
4-Bromophenyl-phenylether
Concen: 54.296 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

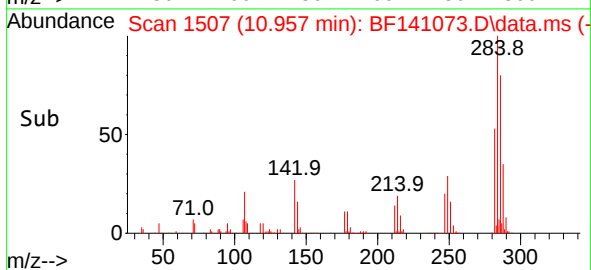
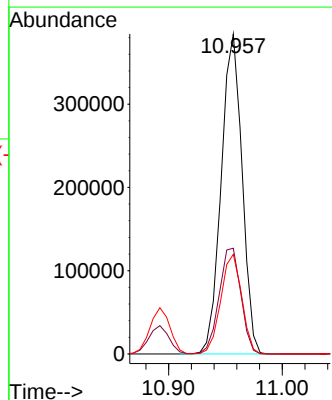
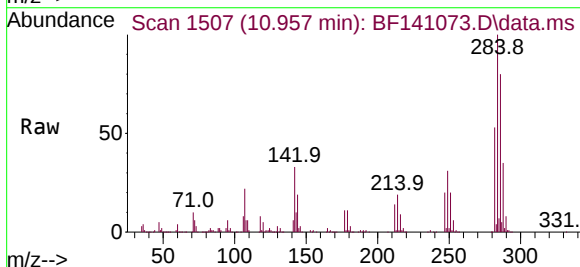
Instrument :
BNA_F
ClientSampleId :
PB165961BS

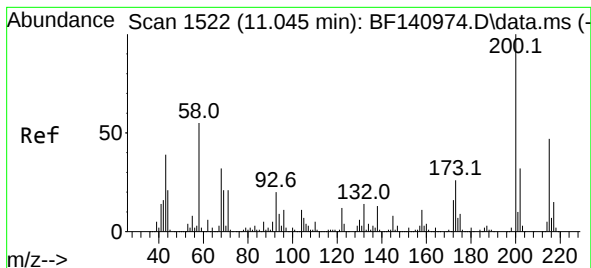
Tgt Ion:248 Resp: 453678
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 72.9 62.1 93.1



#68
Hexachlorobenzene
Concen: 53.200 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:284 Resp: 490151
Ion Ratio Lower Upper
284 100
142 33.1 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 63.507 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

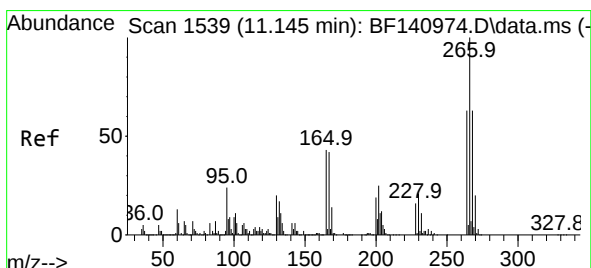
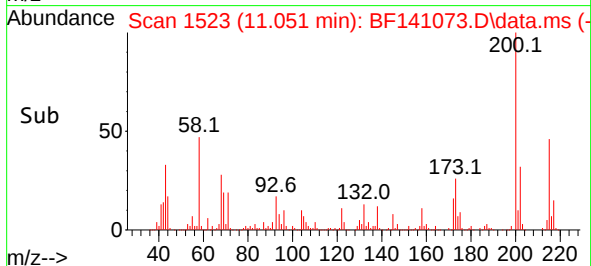
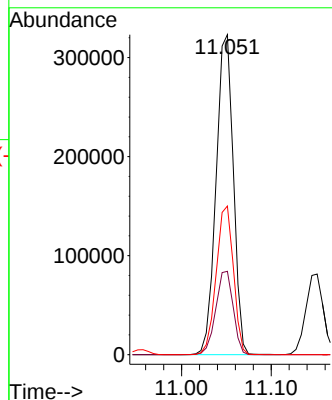
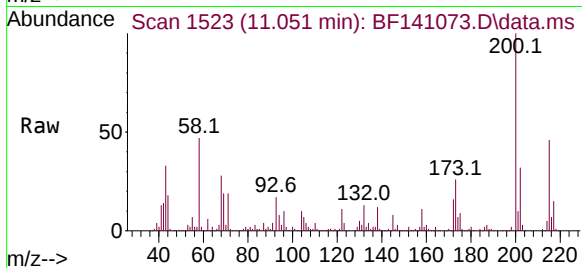
Tgt Ion:200 Resp: 431830

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 46.4 27.2 67.2



#70

Pentachlorophenol

Concen: 106.569 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

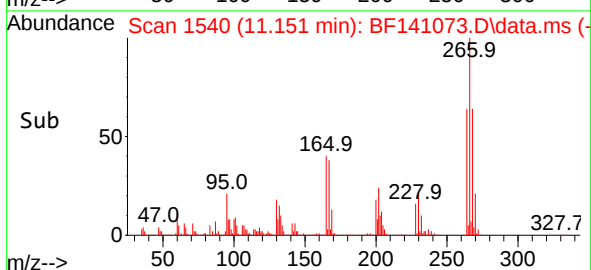
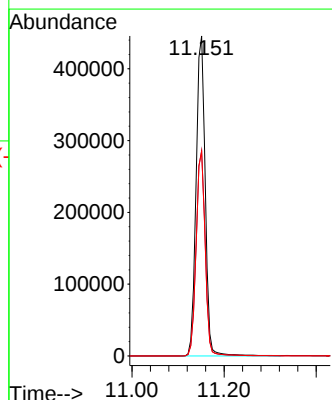
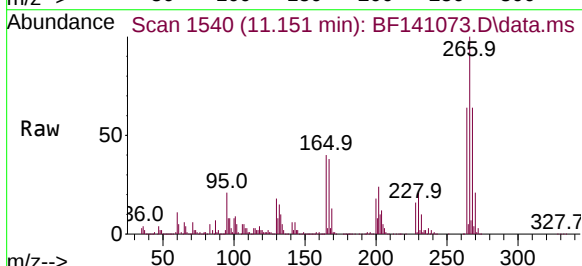
Tgt Ion:266 Resp: 611313

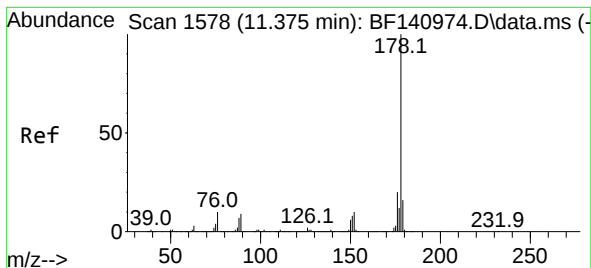
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.9 50.2 75.4





#71

Phenanthrene

Concen: 51.963 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

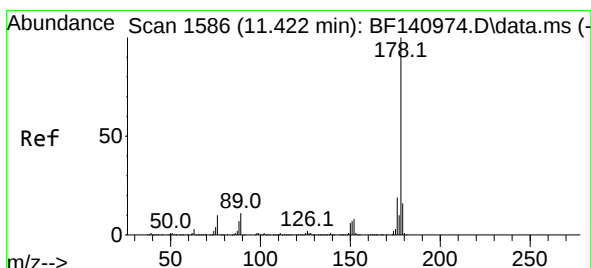
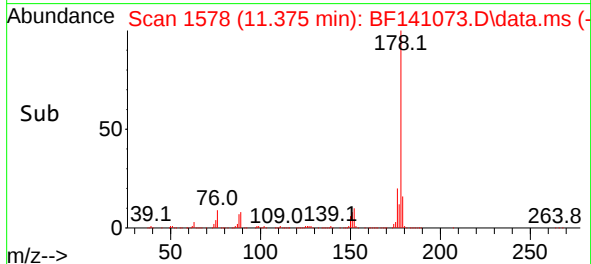
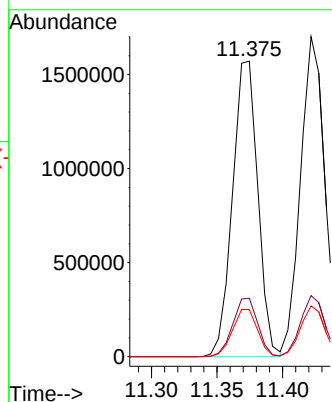
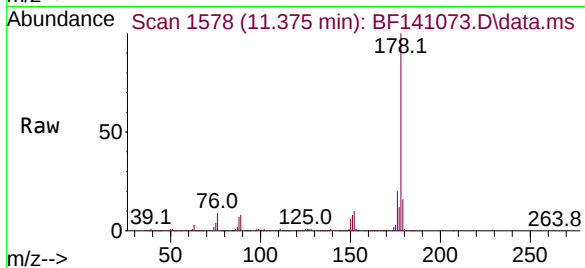
Tgt Ion:178 Resp: 2113893

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.9 12.6 19.0



#72

Anthracene

Concen: 54.165 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

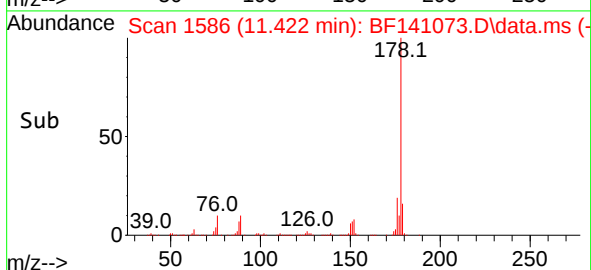
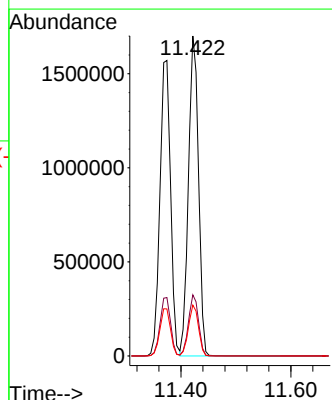
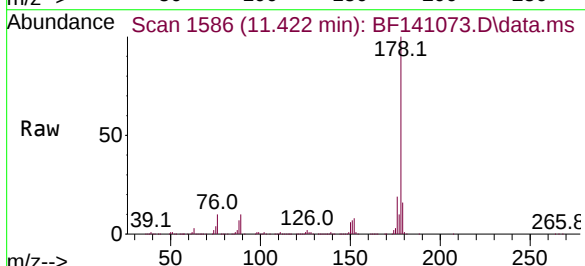
Tgt Ion:178 Resp: 2159122

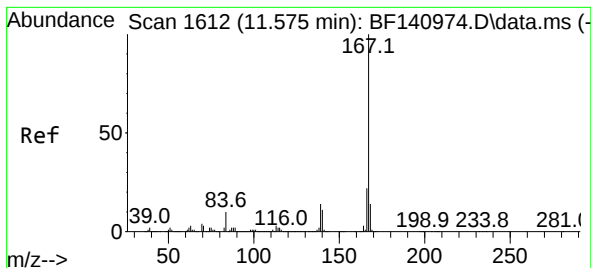
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.9 12.9 19.3





#73

Carbazole

Concen: 48.749 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

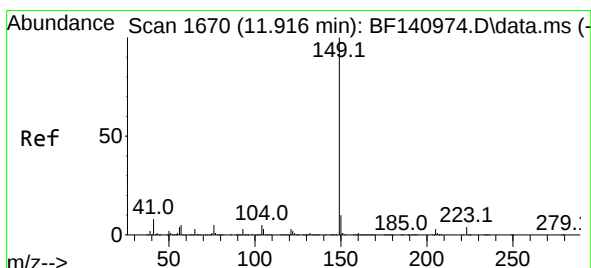
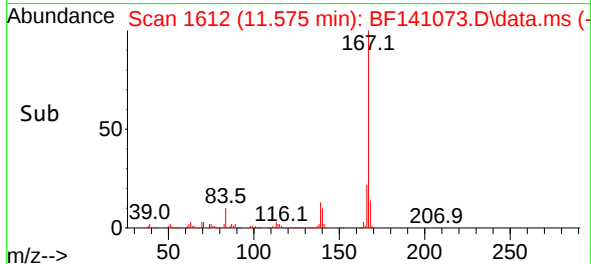
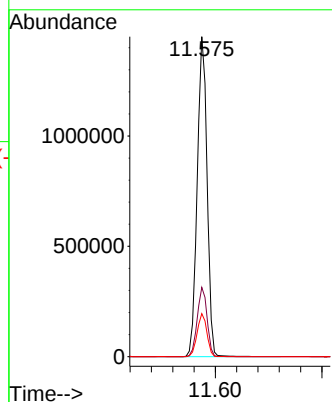
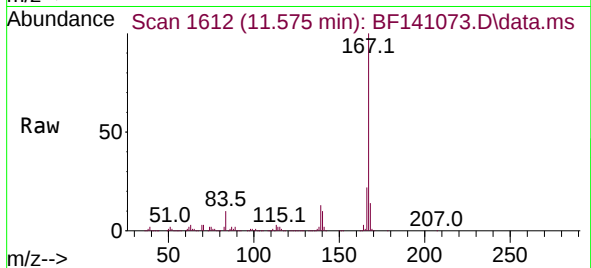
Tgt Ion:167 Resp: 1868067

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.4 11.0 16.4



#74

Di-n-butylphthalate

Concen: 49.570 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

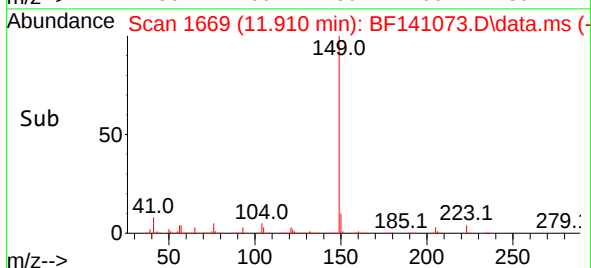
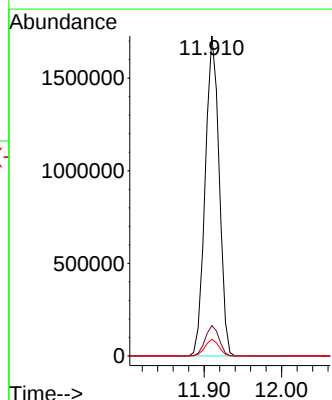
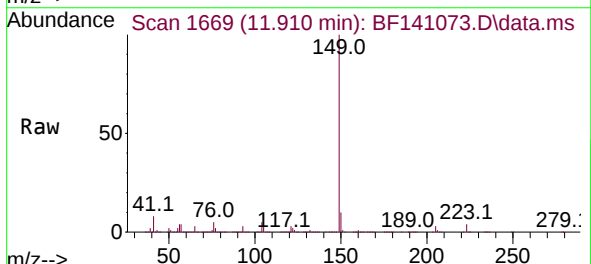
Tgt Ion:149 Resp: 2160512

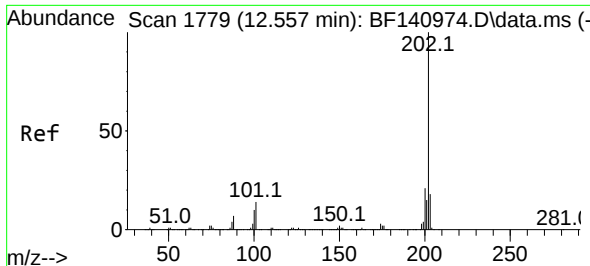
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1

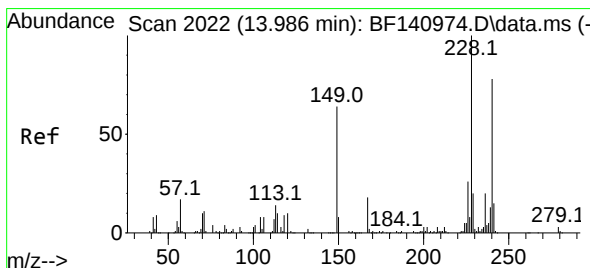
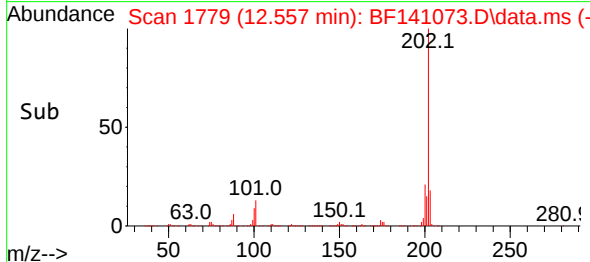
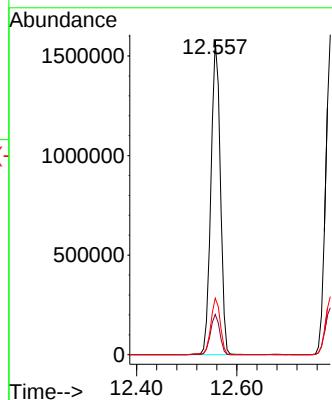
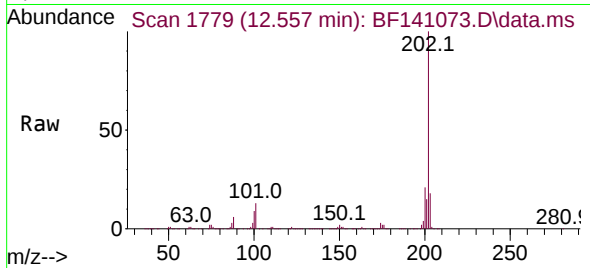




#75
Fluoranthene
Concen: 46.575 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

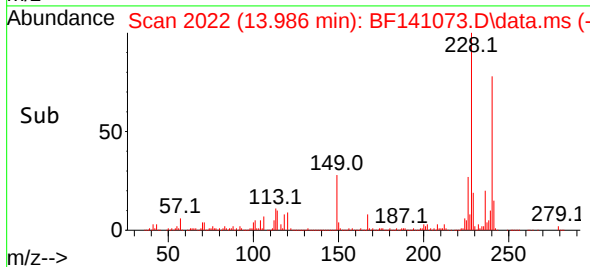
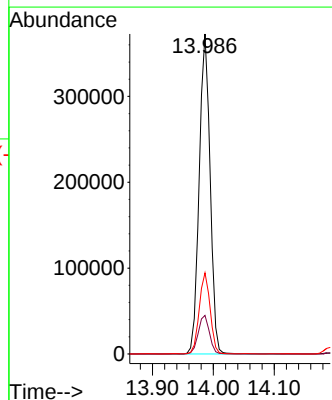
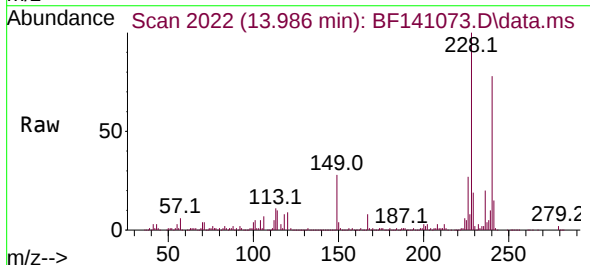
Instrument :
BNA_F
ClientSampleId :
PB165961BS

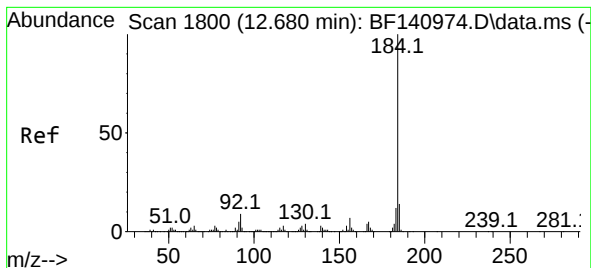
Tgt Ion:202 Resp: 2054939
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.7
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:240 Resp: 464199
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.3 20.6 31.0





#77

Benzidine

Concen: 56.670 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

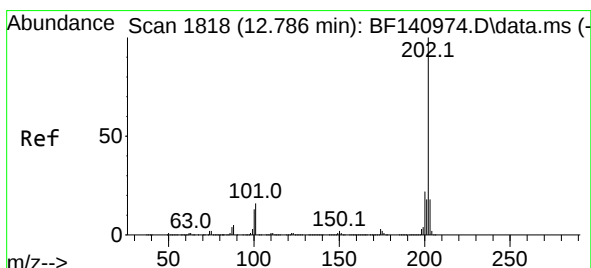
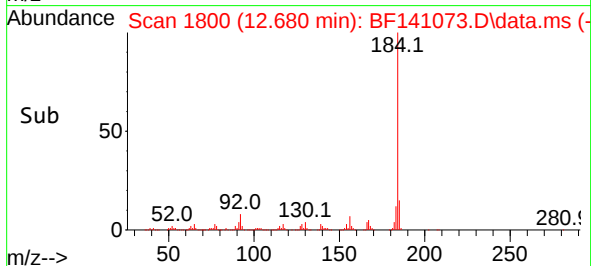
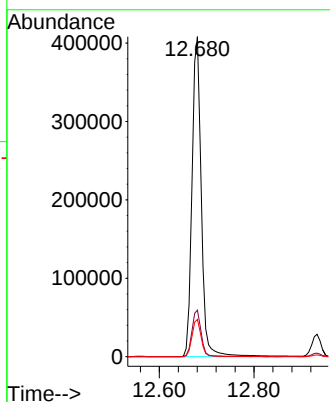
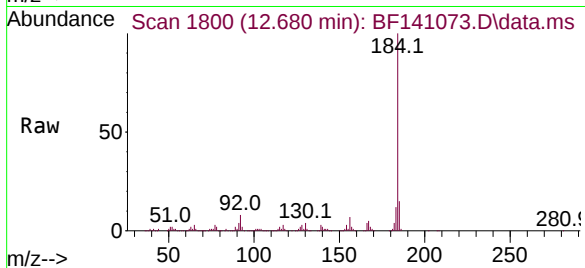
Tgt Ion:184 Resp: 555951

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

183 11.7 9.4 14.0



#78

Pyrene

Concen: 51.336 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

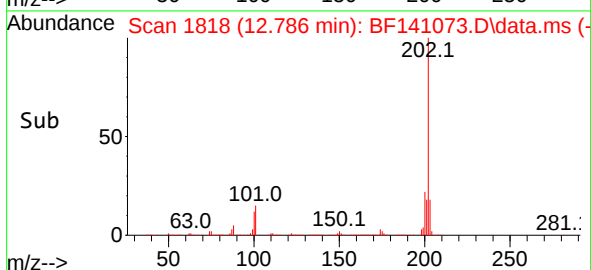
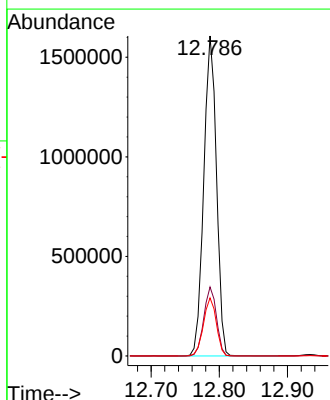
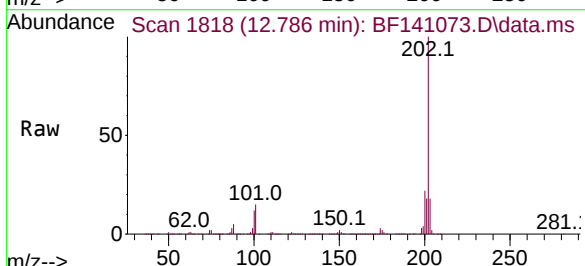
Tgt Ion:202 Resp: 2084133

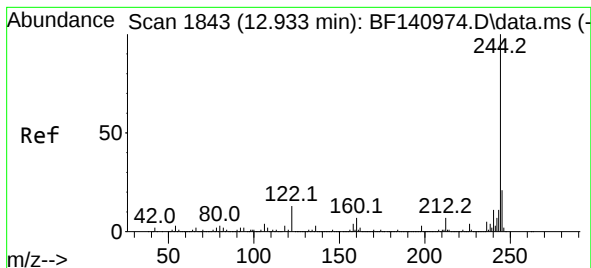
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 103.013 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

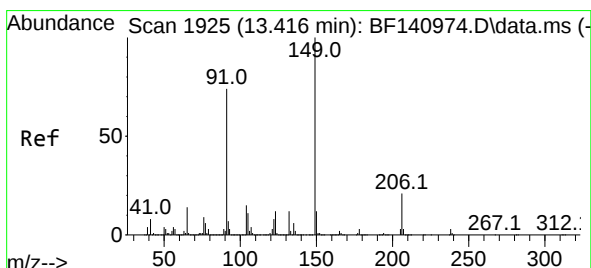
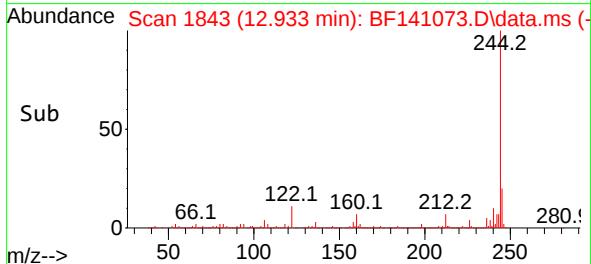
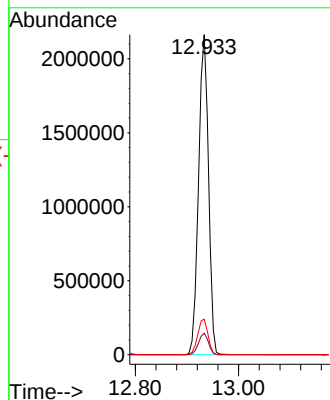
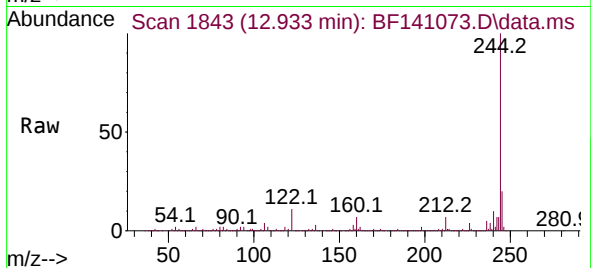
Tgt Ion:244 Resp: 2878912

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.1 10.2 15.2



#80

Butylbenzylphthalate

Concen: 48.998 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

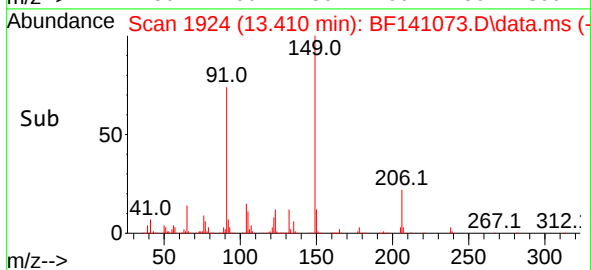
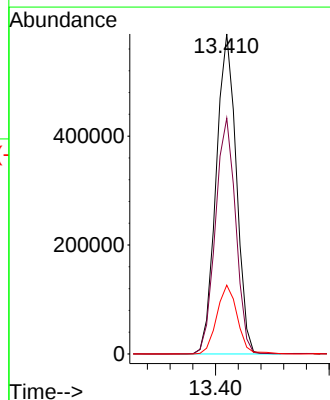
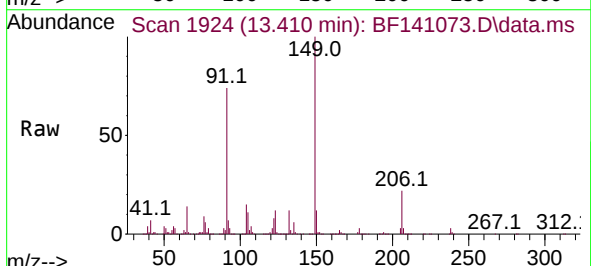
Tgt Ion:149 Resp: 726369

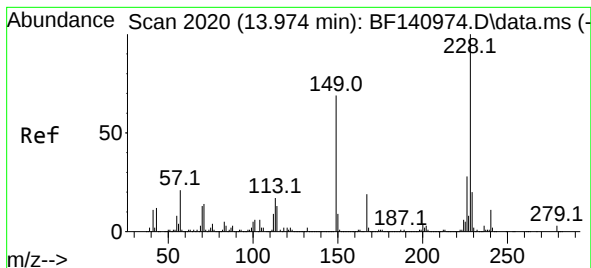
Ion Ratio Lower Upper

149 100

91 73.7 59.5 89.3

206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 47.772 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

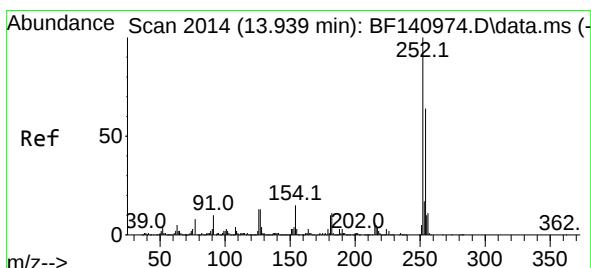
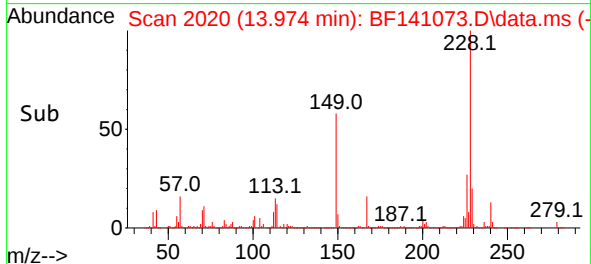
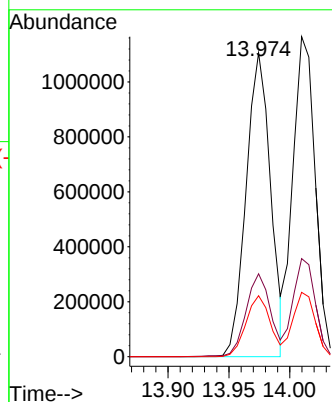
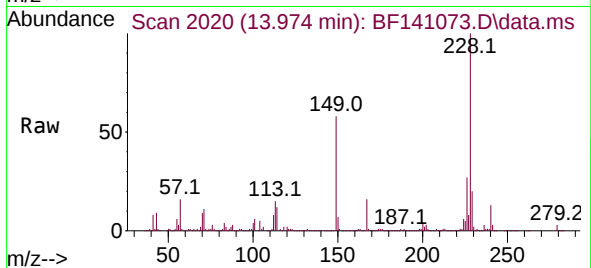
Tgt Ion:228 Resp: 1545523

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 31.065 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

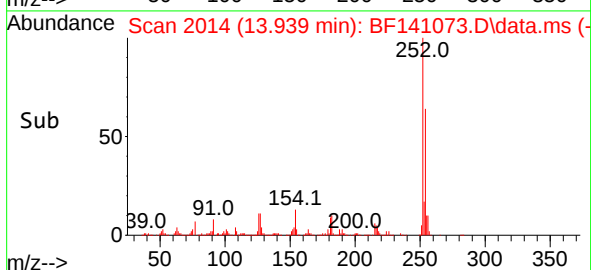
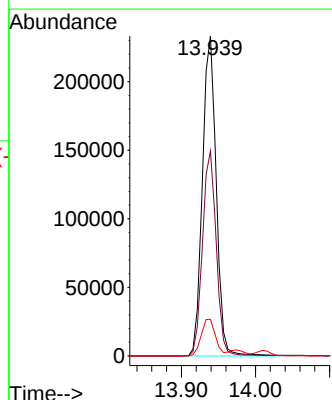
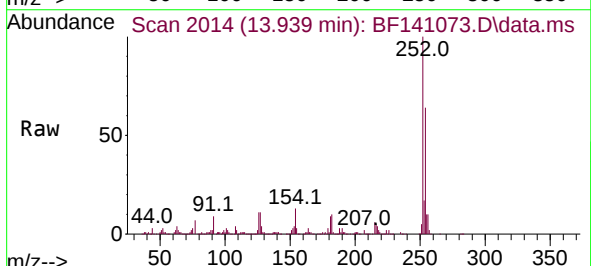
Tgt Ion:252 Resp: 301951

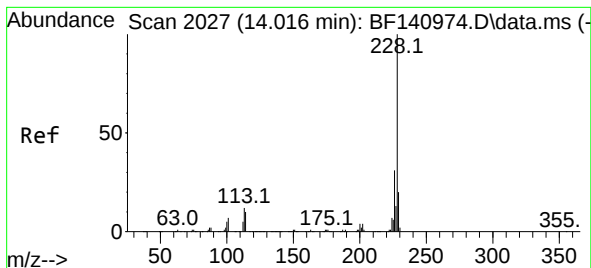
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 11.5 10.3 15.5





#83

Chrysene

Concen: 51.249 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

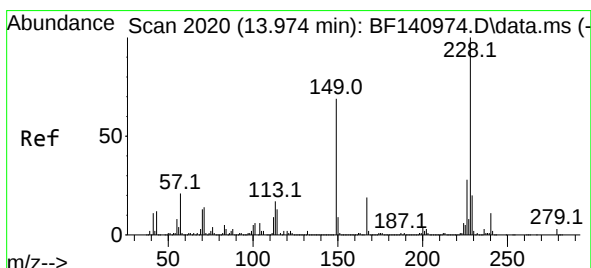
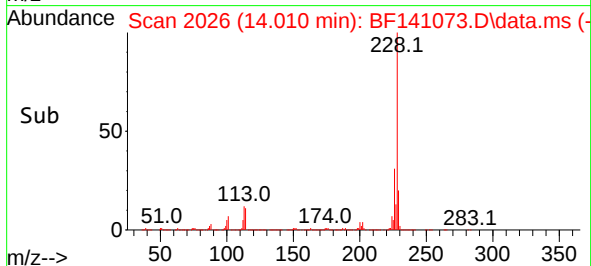
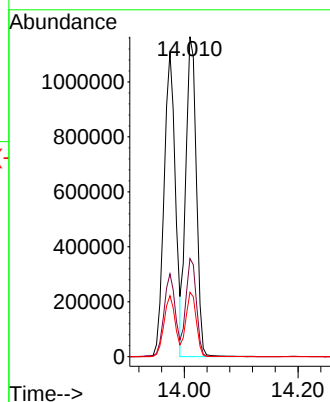
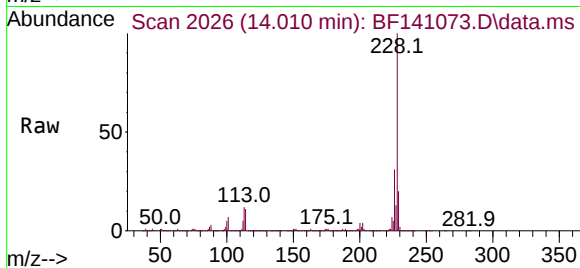
Tgt Ion:228 Resp: 1494633

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.715 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

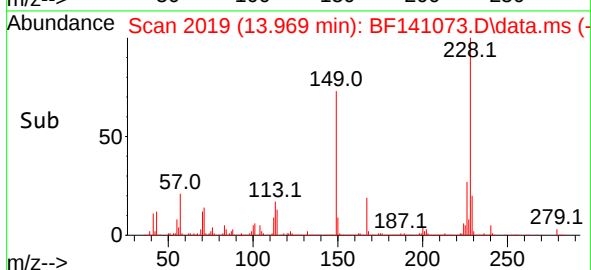
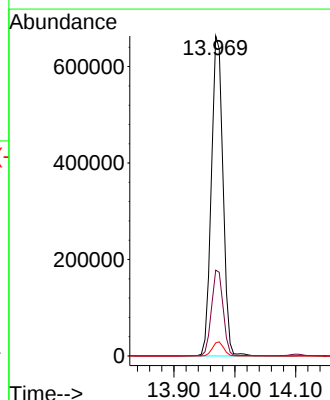
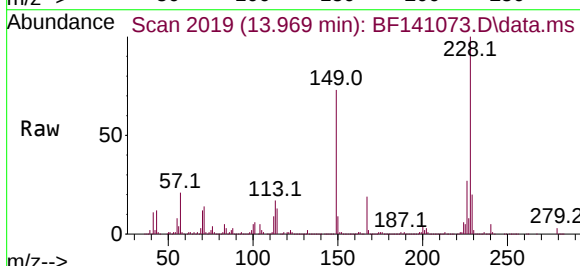
Tgt Ion:149 Resp: 879077

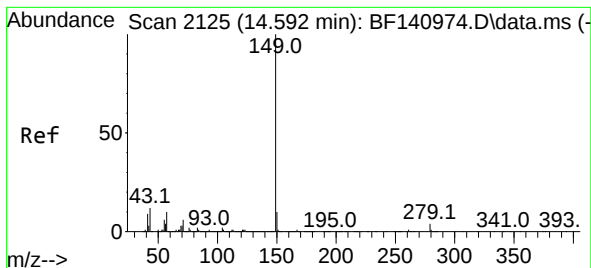
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.442 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

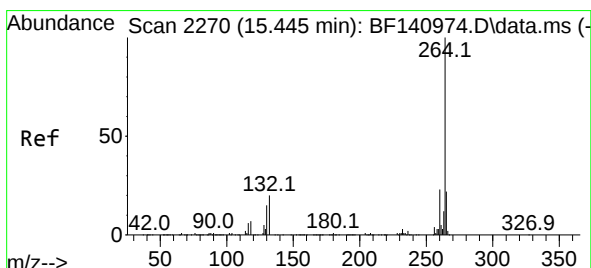
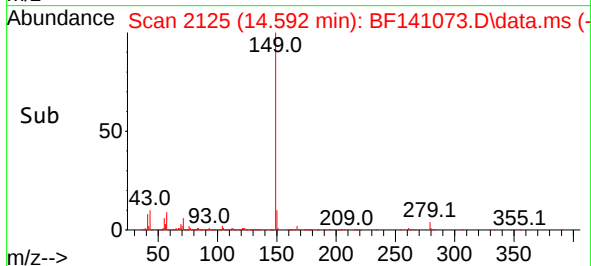
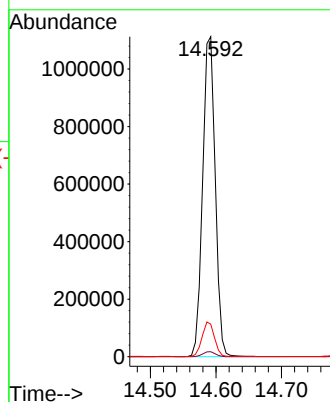
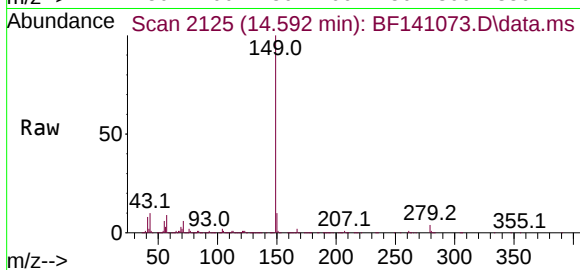
Tgt Ion:149 Resp: 1487389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

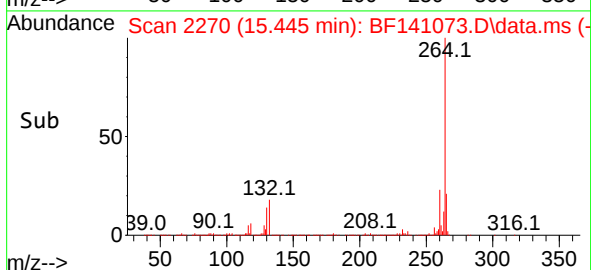
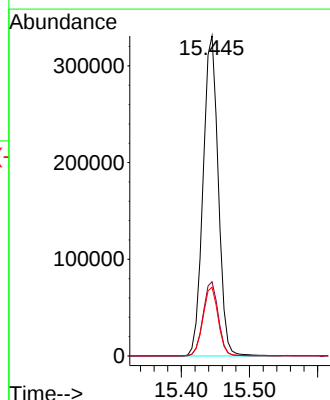
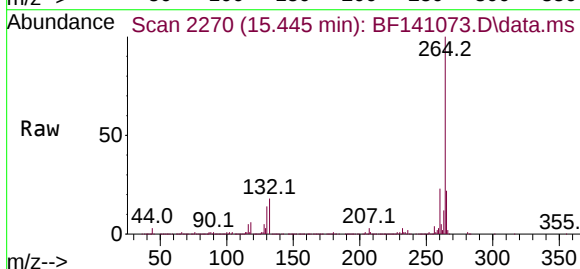
Tgt Ion:264 Resp: 513292

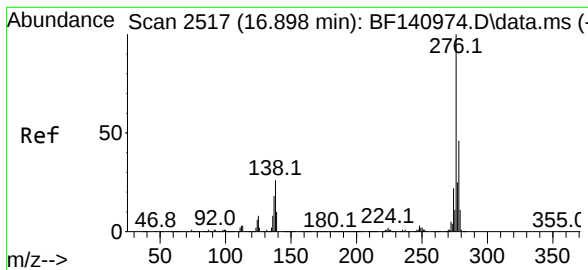
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.5 17.4 26.2

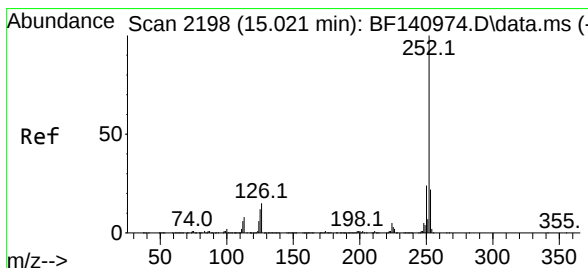
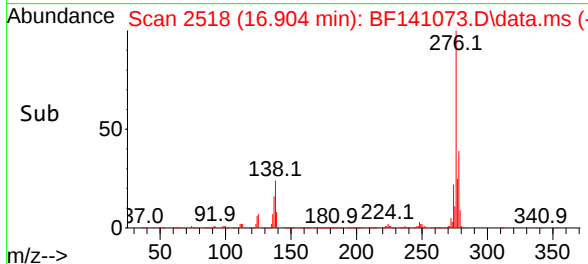
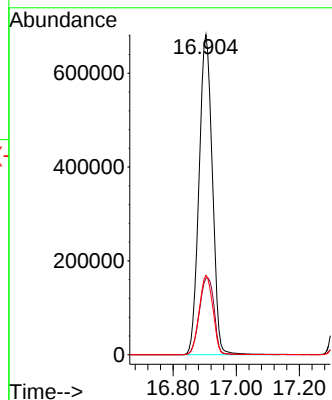
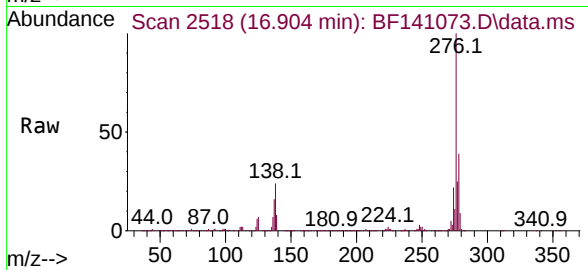




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 61.709 ng
 RT: 16.904 min Scan# 2151
 Delta R.T. 0.006 min
 Lab File: BF141073.D
 Acq: 06 Jan 2025 13:54

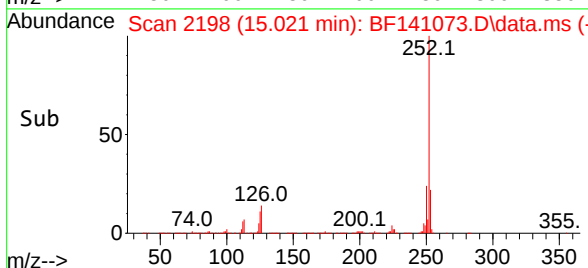
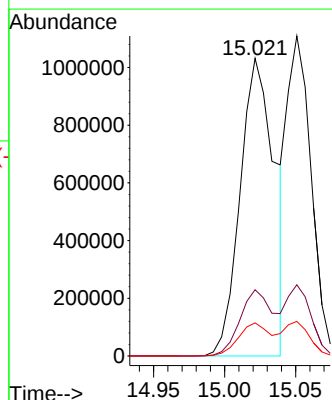
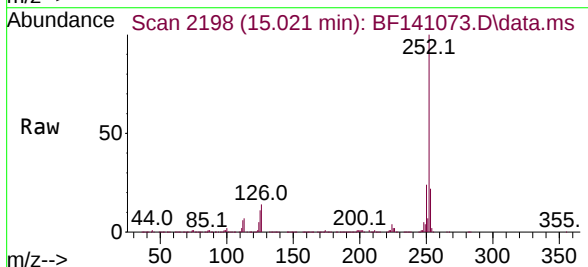
Instrument :
 BNA_F
 ClientSampleId :
 PB165961BS

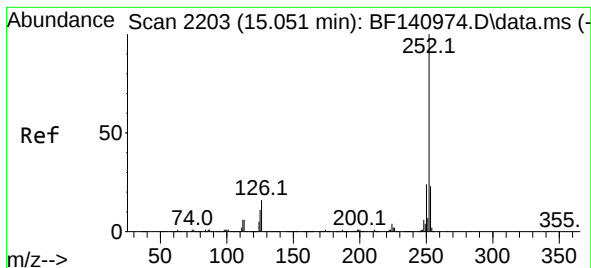
Tgt Ion:276 Resp: 1995590
 Ion Ratio Lower Upper
 276 100
 138 26.6 23.1 34.7
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 48.584 ng
 RT: 15.021 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF141073.D
 Acq: 06 Jan 2025 13:54

Tgt Ion:252 Resp: 1739275
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 47.164 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB165961BS

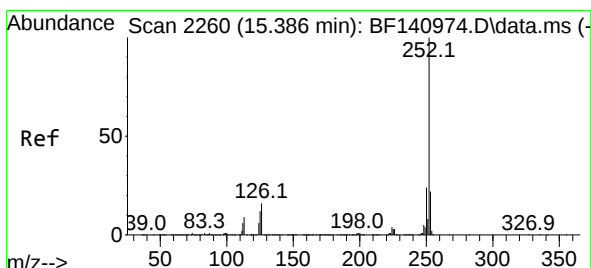
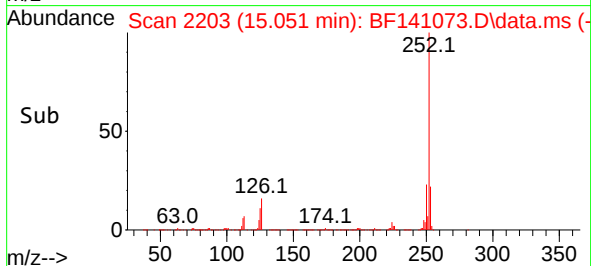
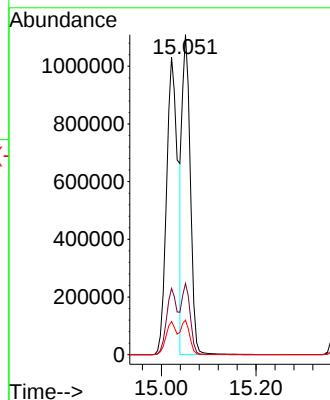
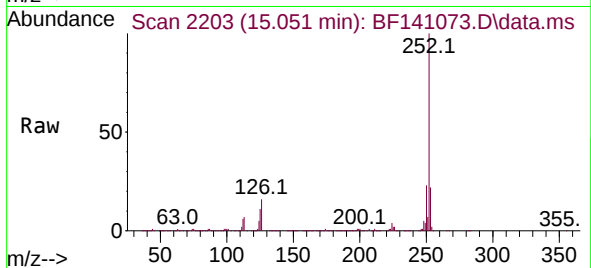
Tgt Ion:252 Resp: 1323331

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.8 9.4 14.0



#90

Benzo(a)pyrene

Concen: 53.870 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141073.D

Acq: 06 Jan 2025 13:54

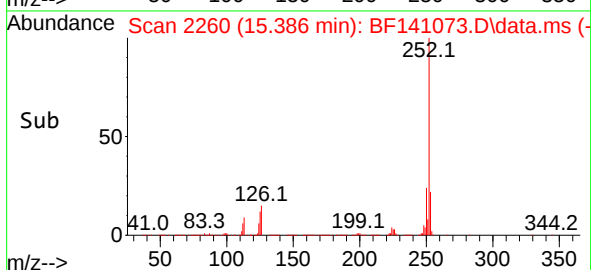
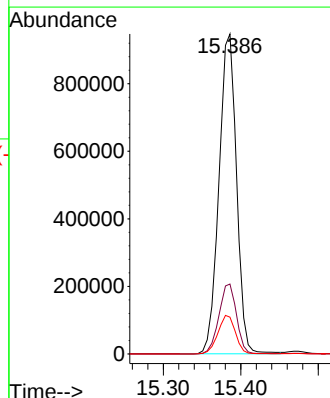
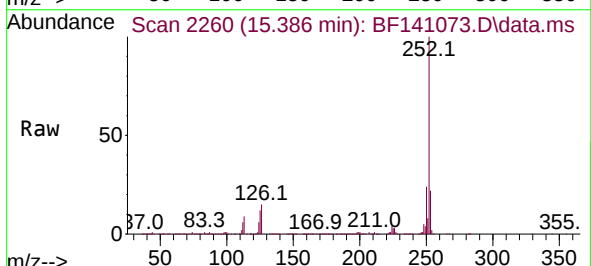
Tgt Ion:252 Resp: 1496851

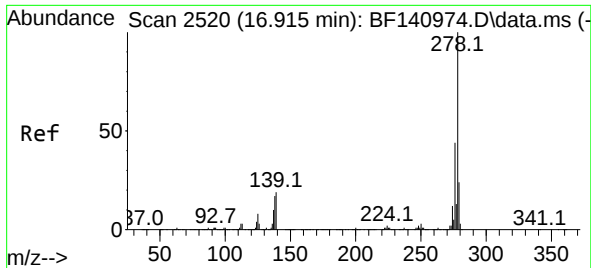
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.5 9.8 14.8

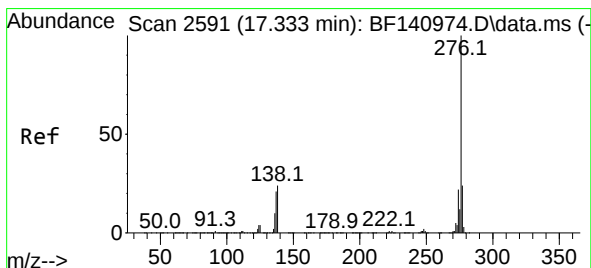
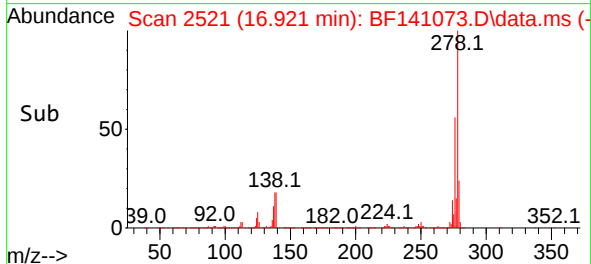
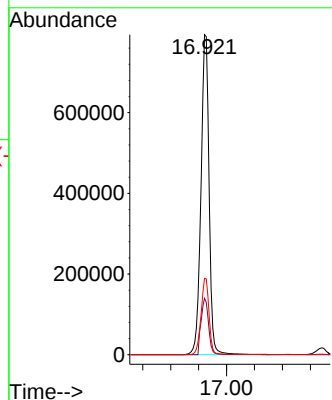
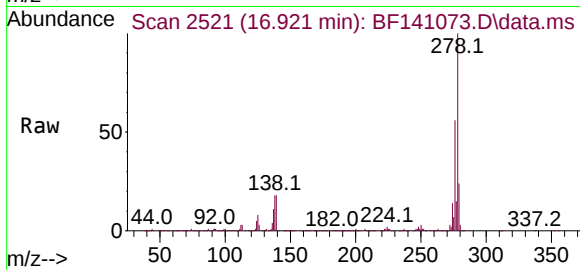




#91
Dibenzo(a,h)anthracene
Concen: 61.022 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB165961BS

Tgt Ion:278 Resp: 1599640
Ion Ratio Lower Upper
278 100
139 17.6 14.9 22.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 56.599 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF141073.D
Acq: 06 Jan 2025 13:54

Tgt Ion:276 Resp: 1538840
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 22.6 19.4 29.2

