

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
 Data File : BF141065.D
 Acq On : 03 Jan 2025 14:03
 Operator : RC/JU
 Sample : PB165945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165945BS

Quant Time: Jan 03 14:24:12 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	261678	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1044303	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	561214	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	930135	20.000	ng	0.00
76) Chrysene-d12	13.992	240	595107	20.000	ng	0.00
86) Perylene-d12	15.457	264	551132	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2192753	126.312	ng	0.02
7) Phenol-d6	6.457	99	2777986	124.221	ng	0.00
23) Nitrobenzene-d5	7.392	82	1773872	108.674	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	859584	157.625	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3090607	87.740	ng	0.00
79) Terphenyl-d14	12.933	244	3453233	96.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	308273	39.224	ng	98
3) Pyridine	3.399	79	813345	42.346	ng	99
4) n-Nitrosodimethylamine	3.352	42	434558	44.654	ng	99
6) Aniline	6.487	93	971953	48.732	ng	95
8) 2-Chlorophenol	6.610	128	904395	49.413	ng	97
9) Benzaldehyde	6.375	77	156674	7.635	ng	97
10) Phenol	6.469	94	1104713	47.773	ng	94
11) bis(2-Chloroethyl)ether	6.563	93	850232	45.537	ng	98
12) 1,3-Dichlorobenzene	6.769	146	918544	45.475	ng	99
13) 1,4-Dichlorobenzene	6.845	146	928083	45.578	ng	99
14) 1,2-Dichlorobenzene	6.998	146	885030	46.617	ng	98
15) Benzyl Alcohol	6.969	79	770181	47.926	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1297222	45.941	ng	98
17) 2-Methylphenol	7.075	107	726082	47.752	ng	100
18) Hexachloroethane	7.340	117	338952	46.859	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	621530	45.366	ng	97
20) 3+4-Methylphenols	7.234	107	855069	44.438	ng	# 80
22) Acetophenone	7.239	105	1147179	44.780	ng	98
24) Nitrobenzene	7.410	77	924281	50.676	ng	96
25) Isophorone	7.651	82	1687984	47.523	ng	99
26) 2-Nitrophenol	7.728	139	447221	58.525	ng	97
27) 2,4-Dimethylphenol	7.763	122	728497	56.119	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1031419	45.832	ng	100
29) 2,4-Dichlorophenol	7.963	162	719786	48.890	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	755576	45.342	ng	99
31) Naphthalene	8.134	128	2500894	45.447	ng	100
32) Benzoic acid	7.881	122	554184	51.255	ng	96
33) 4-Chloroaniline	8.175	127	493711	24.800	ng	99
34) Hexachlorobutadiene	8.251	225	455803	46.398	ng	99
35) Caprolactam	8.545	113	144956	28.962	ng	93
36) 4-Chloro-3-methylphenol	8.657	107	780837	47.757	ng	98
37) 2-Methylnaphthalene	8.822	142	1626476	46.202	ng	100
38) 1-Methylnaphthalene	8.922	142	1522459	44.005	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	723909	46.886	ng	99
41) Hexachlorocyclopentadiene	8.975	237	909341	177.726	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	530051	51.582	ng	99

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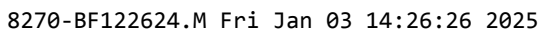
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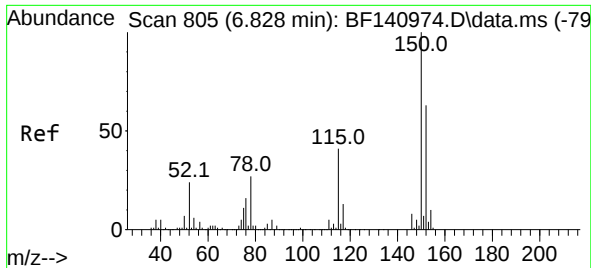
Quant Time: Jan 03 14:24:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	527631	50.183	ng	99
46) 1,1'-Biphenyl	9.286	154	1978272	46.036	ng	99
47) 2-Chloronaphthalene	9.310	162	1501403	45.050	ng	100
48) 2-Nitroaniline	9.404	65	484004	54.786	ng	92
49) Acenaphthylene	9.728	152	2345475	48.888	ng	99
50) Dimethylphthalate	9.586	163	1792105	48.547	ng	100
51) 2,6-Dinitrotoluene	9.645	165	408682	53.808	ng	95
52) Acenaphthene	9.898	154	1691822	52.161	ng	100
53) 3-Nitroaniline	9.810	138	293424	36.667	ng	# 93
54) 2,4-Dinitrophenol	9.922	184	403862	113.034	ng	# 1
55) Dibenzofuran	10.069	168	2127512	46.675	ng	100
56) 4-Nitrophenol	9.975	139	701887	111.154	ng	94
57) 2,4-Dinitrotoluene	10.051	165	542028	57.822	ng	95
58) Fluorene	10.410	166	1593297	45.077	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	465819	53.494	ng	98
60) Diethylphthalate	10.286	149	1726921	47.386	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	784094	46.102	ng	98
62) 4-Nitroaniline	10.428	138	430938	52.362	ng	95
63) Azobenzene	10.563	77	1750610	45.765	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	279427	70.024	ng	94
66) n-Nitrosodiphenylamine	10.522	169	1481992	50.598	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	523658	52.080	ng	99
68) Hexachlorobenzene	10.957	284	574476	51.815	ng	99
69) Atrazine	11.051	200	523276	63.950	ng	99
70) Pentachlorophenol	11.151	266	736673	106.719	ng	100
71) Phenanthrene	11.375	178	2438164	49.805	ng	99
72) Anthracene	11.427	178	2458121	51.244	ng	99
73) Carbazole	11.575	167	2220304	48.149	ng	100
74) Di-n-butylphthalate	11.910	149	2577929	49.151	ng	100
75) Fluoranthene	12.557	202	2511239	47.298	ng	100
77) Benzidine	12.680	184	795068	63.216	ng	100
78) Pyrene	12.786	202	2546390	48.925	ng	100
80) Butylbenzylphthalate	13.410	149	983900	51.771	ng	100
81) Benzo(a)anthracene	13.980	228	1908968	46.026	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	445199	35.727	ng	100
83) Chrysene	14.016	228	1790682	47.894	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1158907	47.010	ng	99
85) Di-n-octyl phthalate	14.604	149	1808132	50.676	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1936057	55.758	ng	98
88) Benzo(b)fluoranthene	15.033	252	1875492	48.792	ng	99
89) Benzo(k)fluoranthene	15.063	252	1446451	48.013	ng	99
90) Benzo(a)pyrene	15.398	252	1548930	51.917	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	1564146	55.572	ng	98
92) Benzo(g,h,i)perylene	17.357	276	1473013	50.458	ng	98

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

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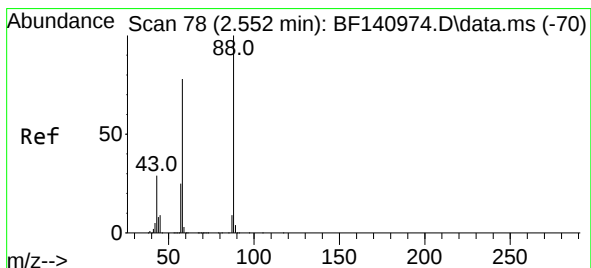
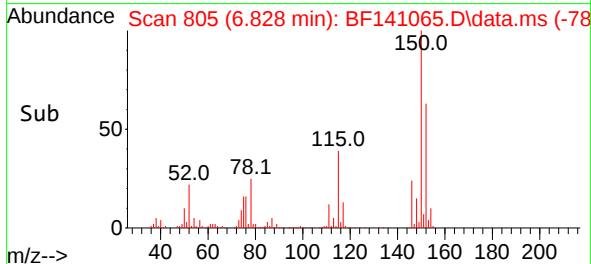
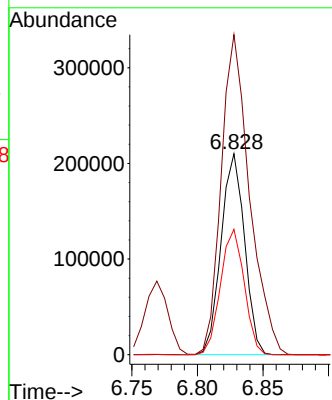
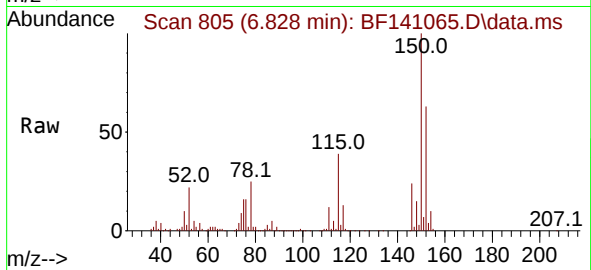




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

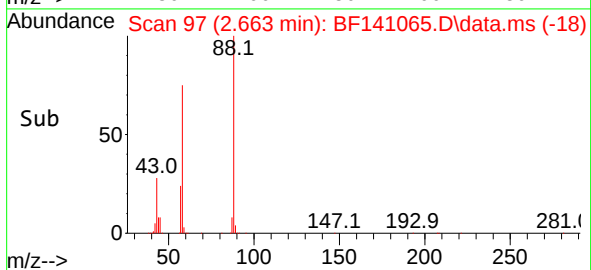
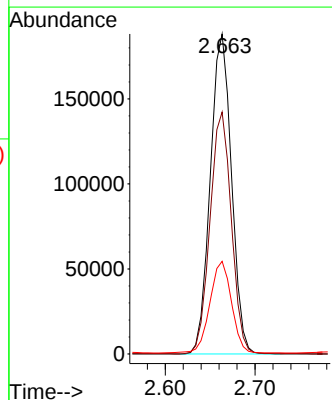
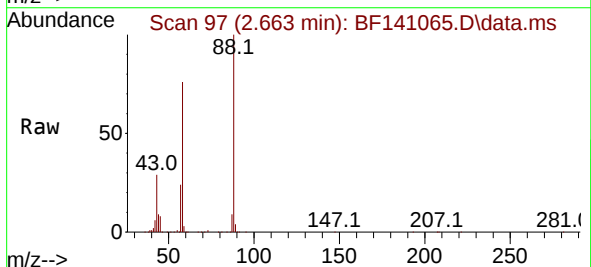
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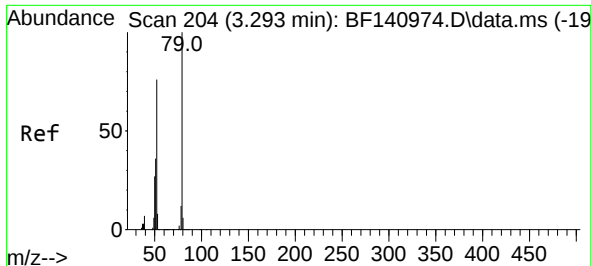
Tgt Ion:152 Resp: 261678
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.0 190.6
 115 62.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 39.224 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.112 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

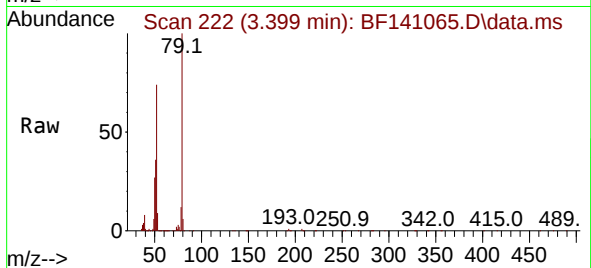
Tgt Ion: 88 Resp: 308273
 Ion Ratio Lower Upper
 88 100
 58 76.2 63.0 94.4
 43 29.3 23.4 35.2



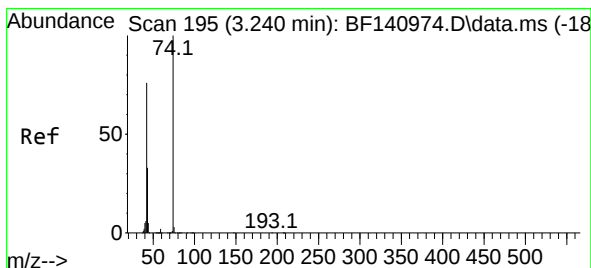
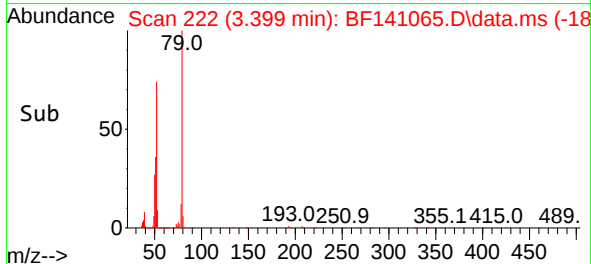
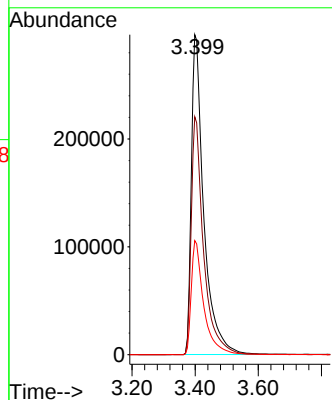


#3
Pyridine
Concen: 42.346 ng
RT: 3.399 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PB165945BS

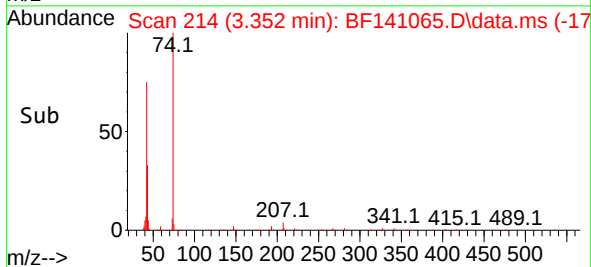
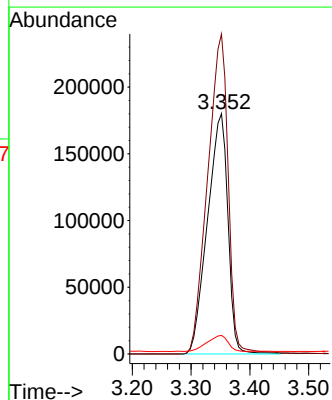
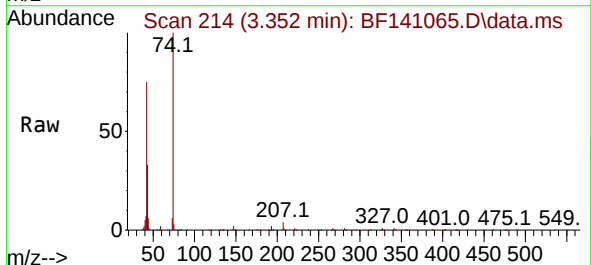


Tgt Ion: 79 Resp: 813345
Ion Ratio Lower Upper
79 100
52 74.4 60.4 90.6
51 35.7 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 44.654 ng
RT: 3.352 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion: 42 Resp: 434558
Ion Ratio Lower Upper
42 100
74 133.1 105.8 158.6
44 7.7 6.6 10.0

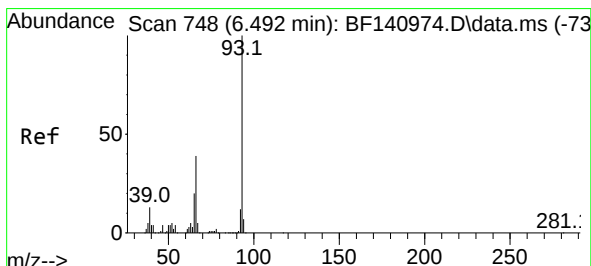
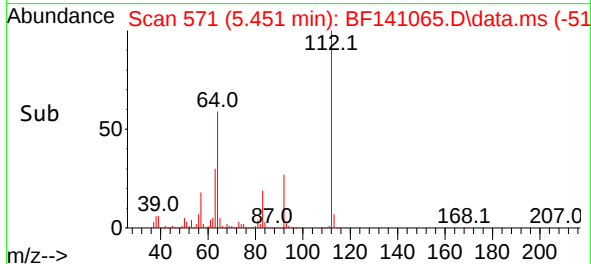
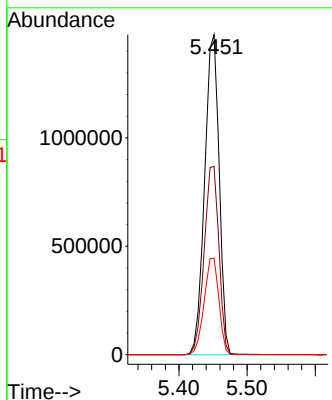
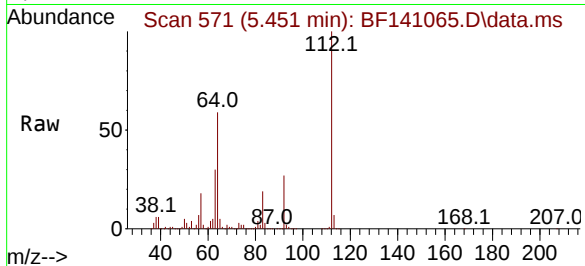




#5
2-Fluorophenol
Concen: 126.312 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

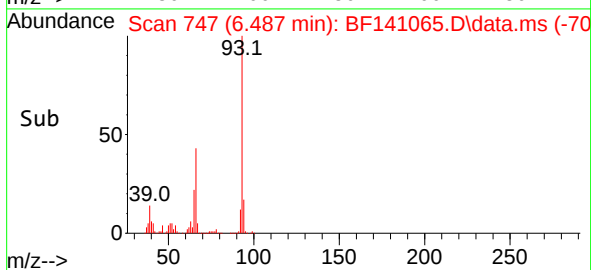
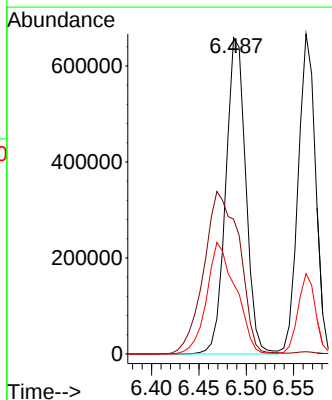
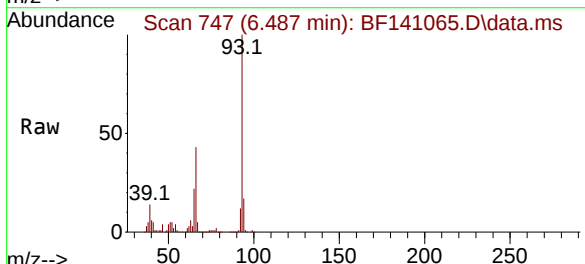
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 2192753
Ion Ratio Lower Upper
112 100
64 58.8 47.7 71.5
63 30.2 24.2 36.2



#6
Aniline
Concen: 48.732 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion: 93 Resp: 971953
Ion Ratio Lower Upper
93 100
66 42.7 31.8 47.8
65 22.2 15.4 23.0

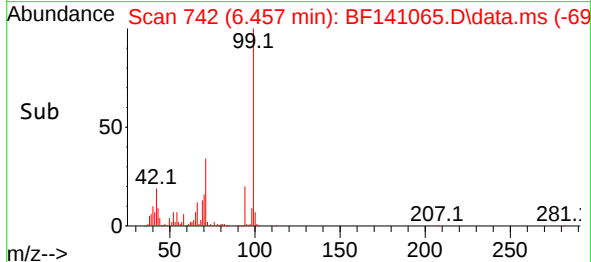
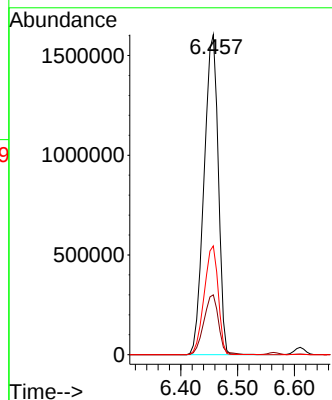
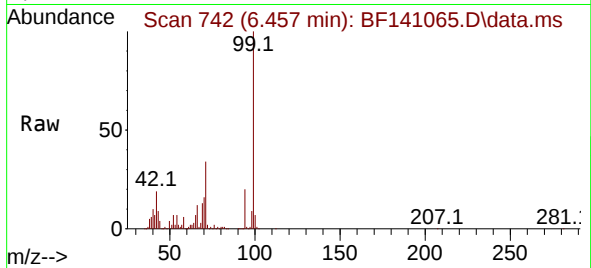




#7
Phenol-d6
Concen: 124.221 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

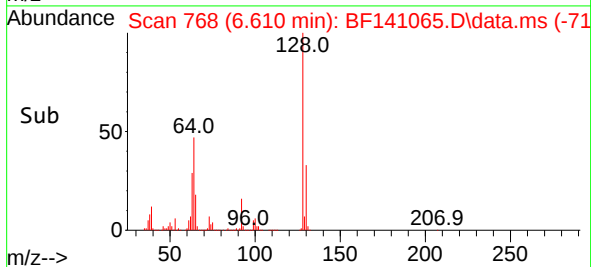
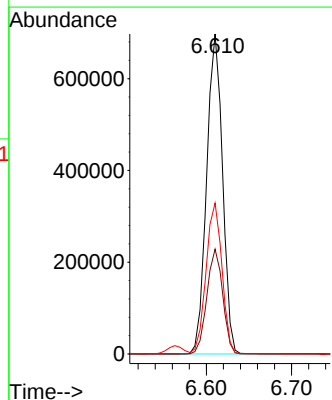
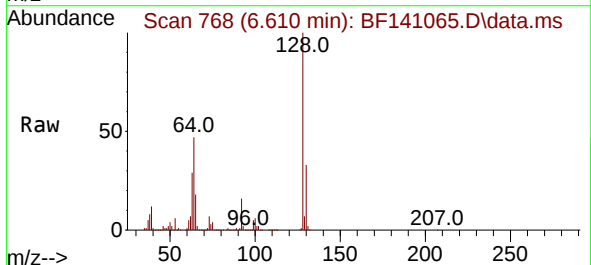
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion: 99 Resp: 2777986
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.0 26.2 39.2



#8
2-Chlorophenol
Concen: 49.413 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:128 Resp: 904395
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 47.2 30.3 70.3

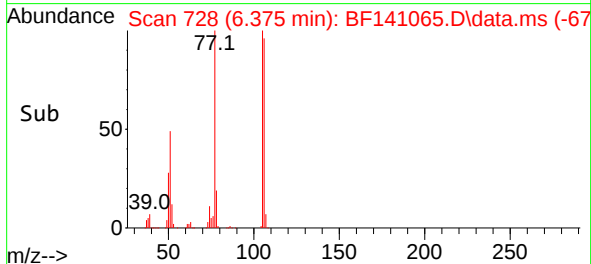
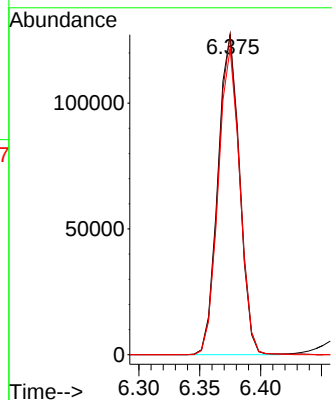
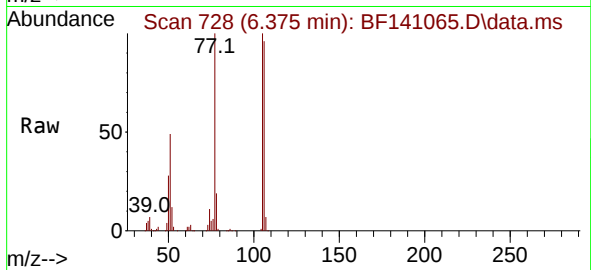




#9
Benzaldehyde
Concen: 7.635 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

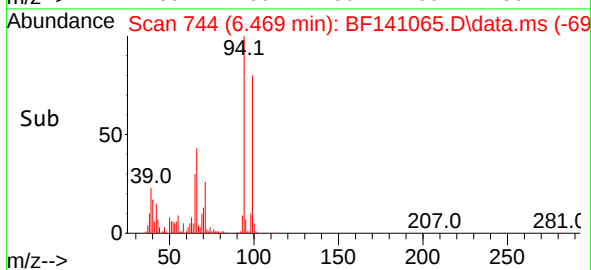
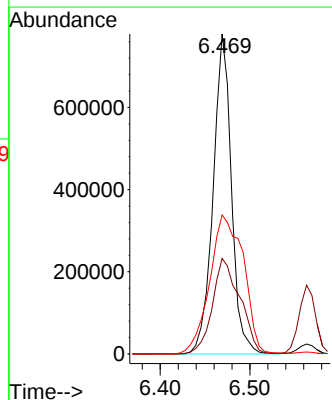
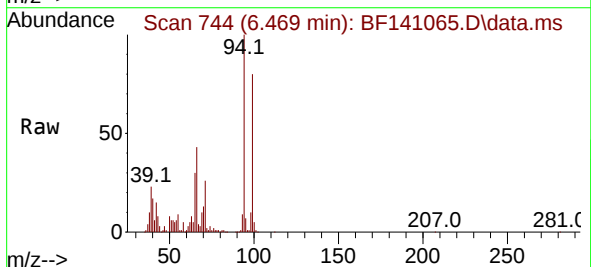
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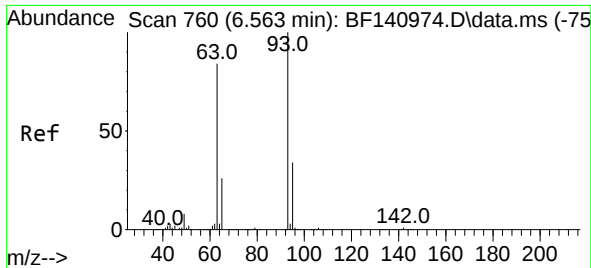
Tgt Ion: 77 Resp: 156674
Ion Ratio Lower Upper
77 100
105 100.0 76.2 116.2
106 95.6 73.4 113.4



#10
Phenol
Concen: 47.773 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion: 94 Resp: 1104713
Ion Ratio Lower Upper
94 100
65 29.8 8.1 48.1
66 43.5 18.7 58.7

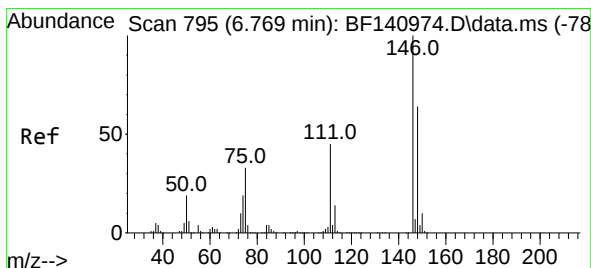
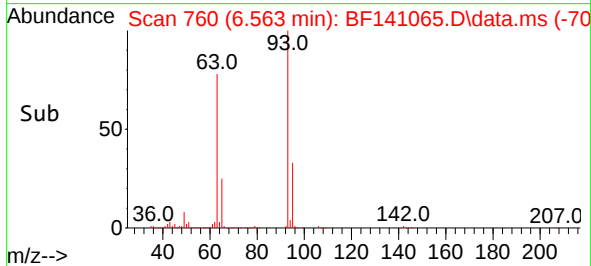
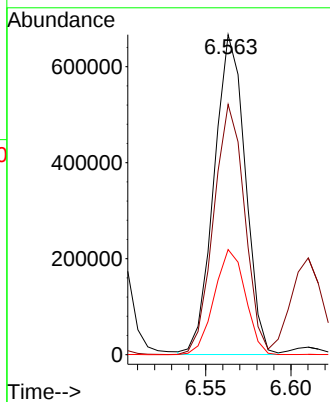
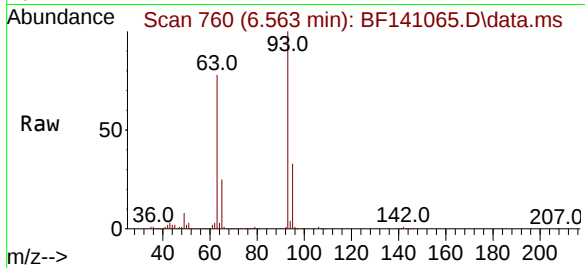




#11
bis(2-Chloroethyl)ether
Concen: 45.537 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

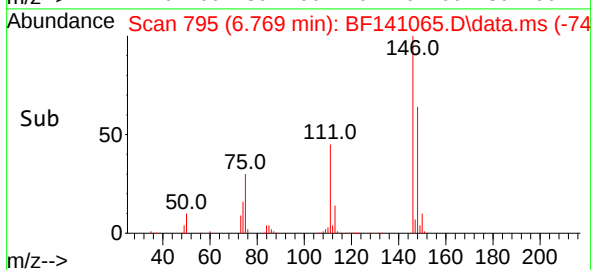
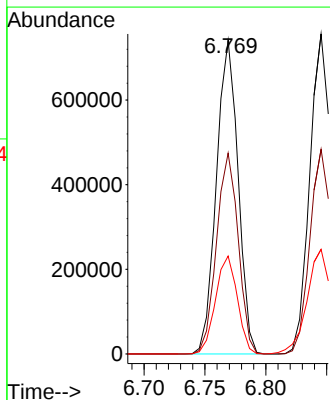
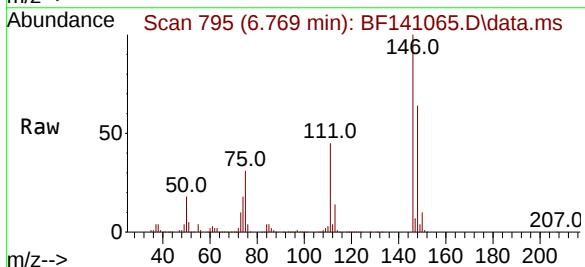
Instrument :
BNA_F
ClientSampleId :
PB165945BS

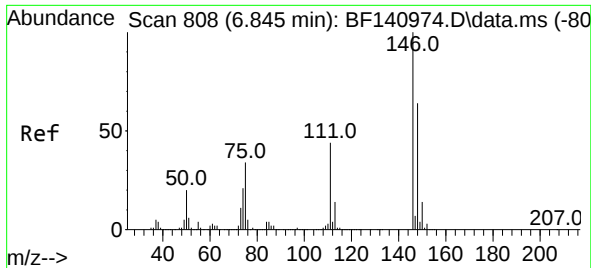
Tgt Ion: 93 Resp: 850232
Ion Ratio Lower Upper
93 100
63 78.2 60.3 100.3
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.475 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:146 Resp: 918544
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.2 26.1 39.1

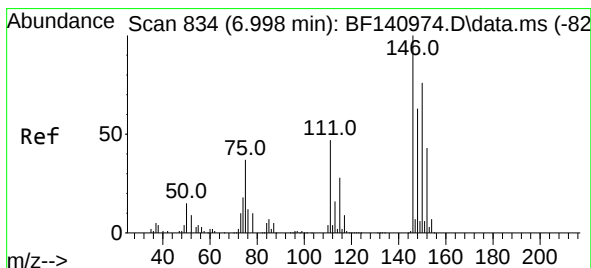
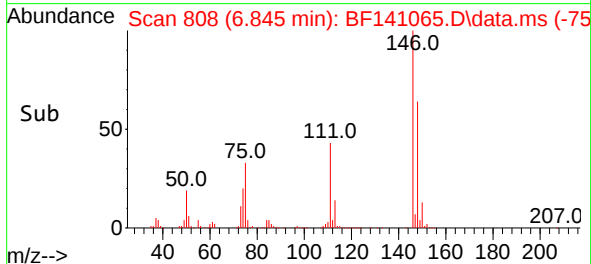
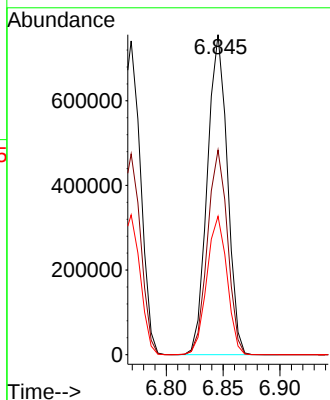
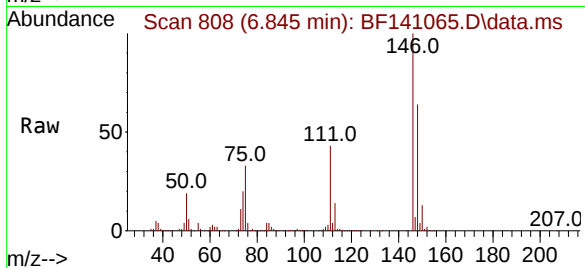




#13
1,4-Dichlorobenzene
Concen: 45.578 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

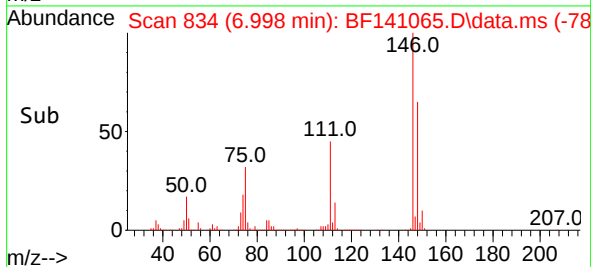
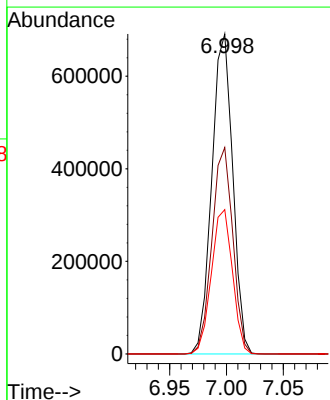
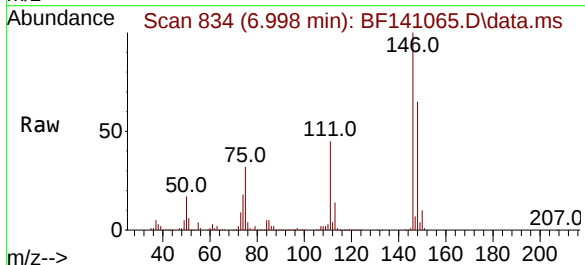
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion:146 Resp: 928083
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 46.617 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:146 Resp: 885030
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
111 45.1 37.3 55.9

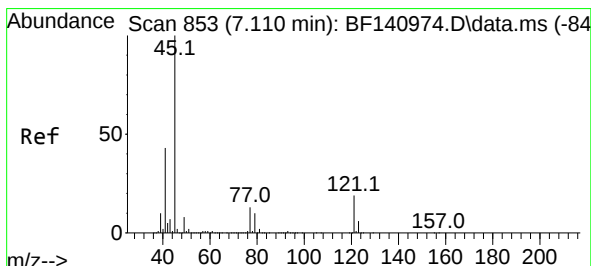
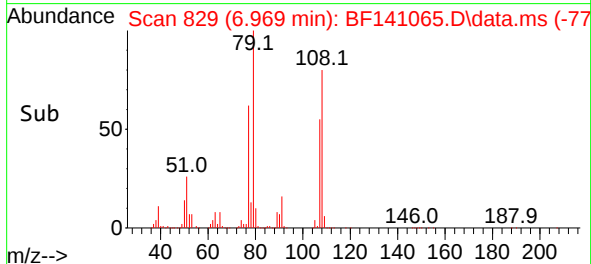
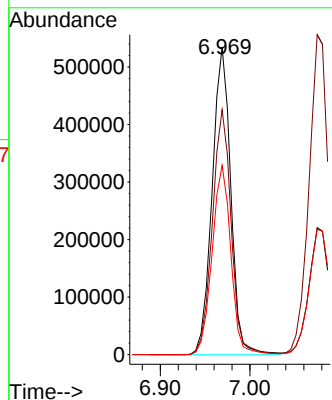
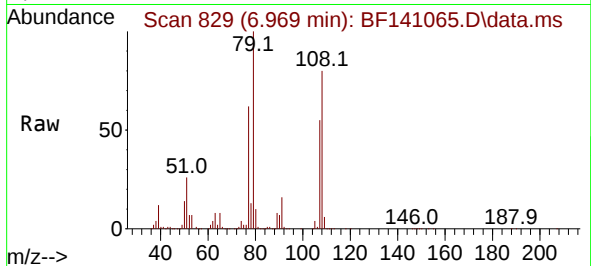




#15
Benzyl Alcohol
Concen: 47.926 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

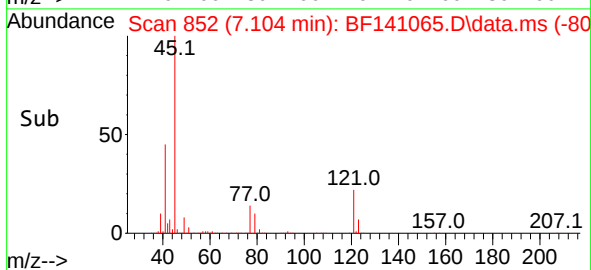
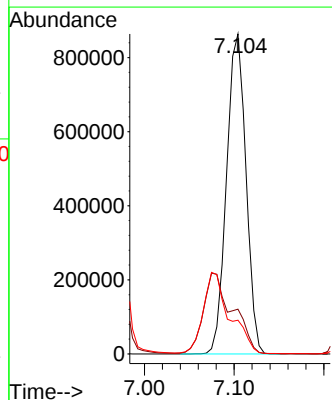
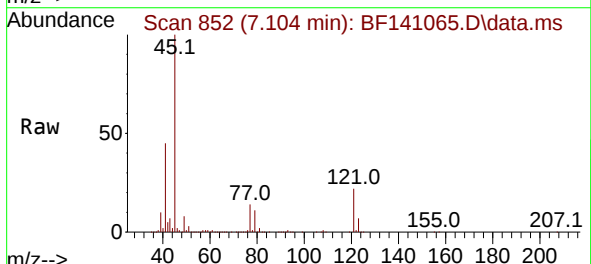
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion: 79 Resp: 770181
Ion Ratio Lower Upper
79 100
108 79.6 62.5 93.7
77 61.5 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.941 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

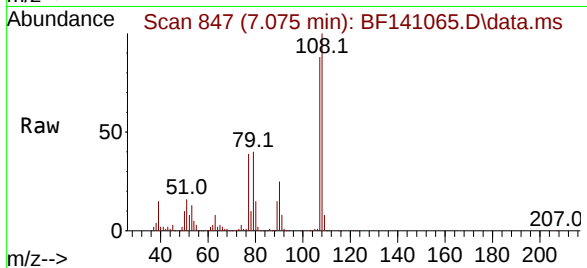
Tgt Ion: 45 Resp: 1297222
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.1
79 10.5 0.0 30.1



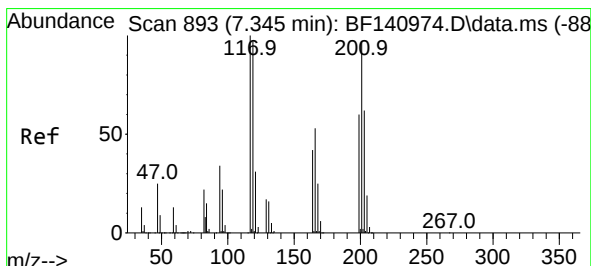
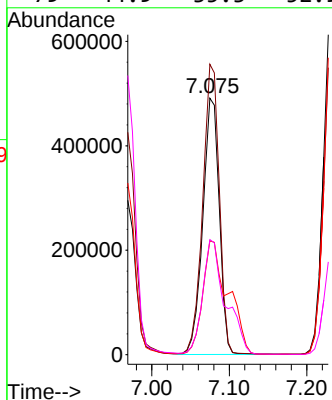
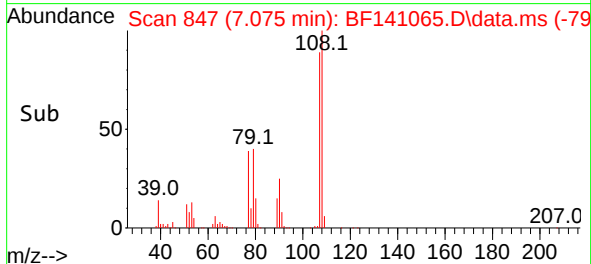


#17
2-Methylphenol
Concen: 47.752 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PB165945BS

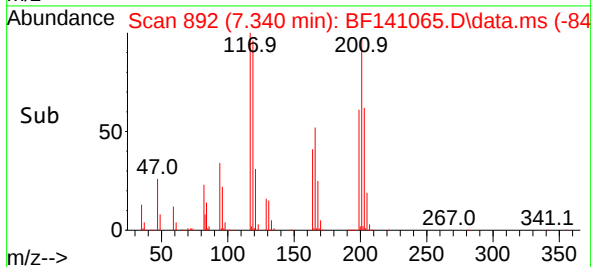
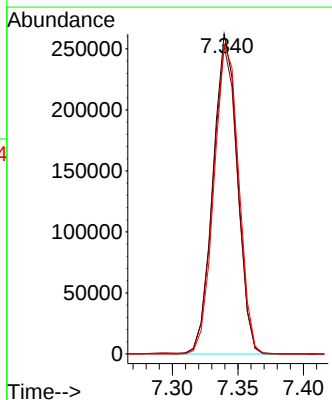
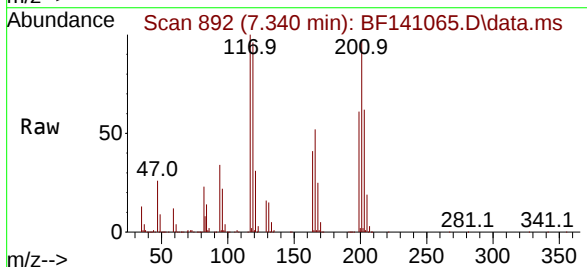


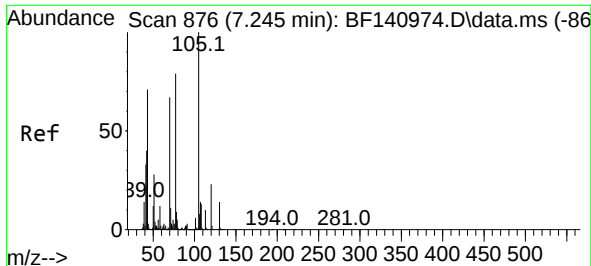
Tgt Ion:	107	Resp:	726082
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	136.0
77	44.4	35.3	52.9
79	44.9	35.3	52.9



#18
Hexachloroethane
Concen: 46.859 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:	117	Resp:	338952
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	96.8	77.4	116.2

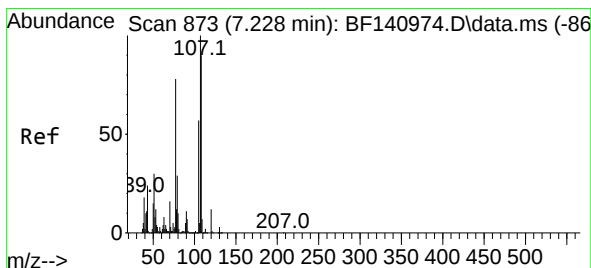
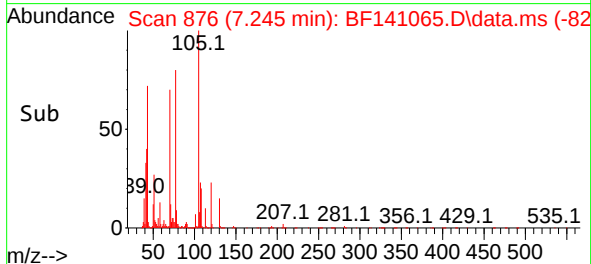
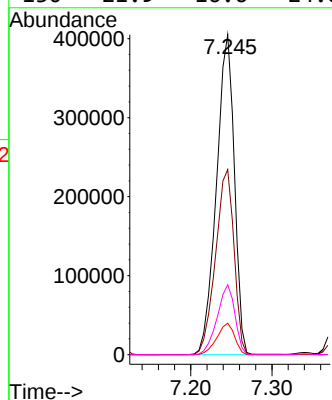
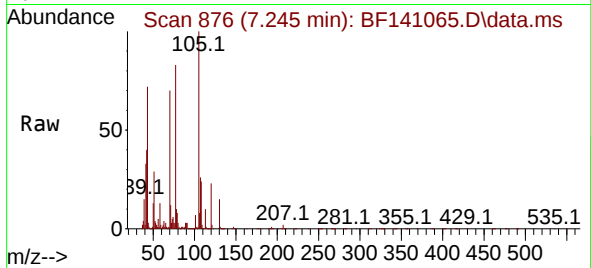




#19
n-Nitroso-di-n-propylamine
Concen: 45.366 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

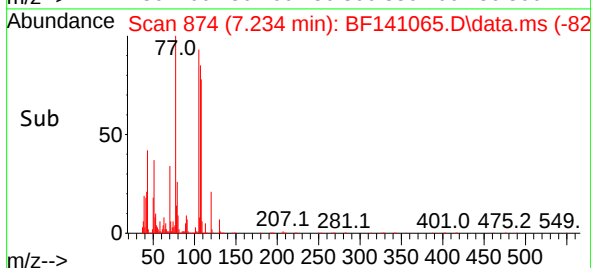
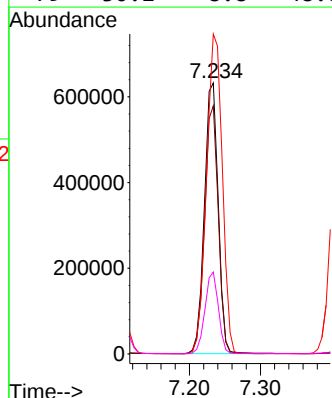
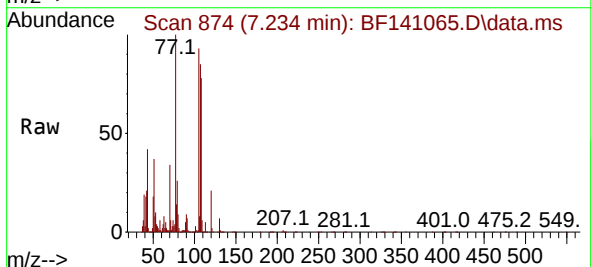
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion: 70 Resp: 621530
Ion Ratio Lower Upper
70 100
42 57.9 48.1 72.1
101 9.8 7.6 11.4
130 21.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 44.438 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion: 107 Resp: 855069
Ion Ratio Lower Upper
107 100
108 91.6 69.6 109.6
77 118.1 57.6 97.6#
79 30.2 8.8 48.8



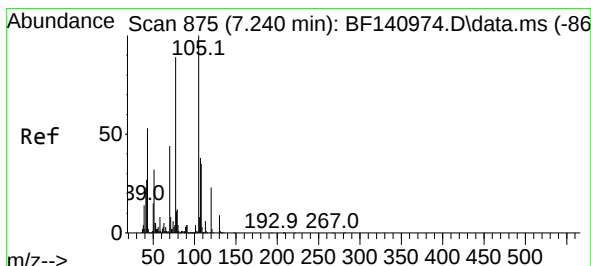
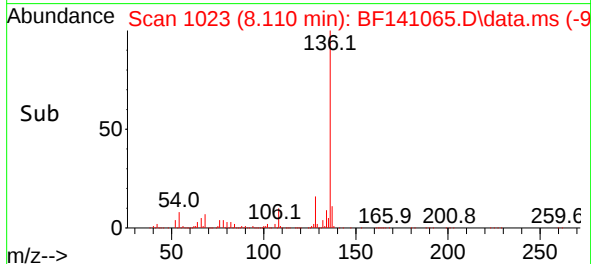
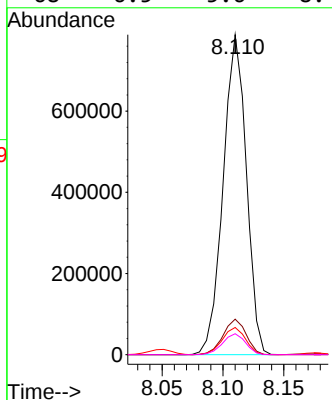
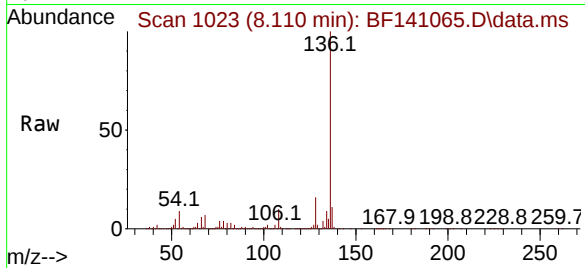


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion:136 Resp: 1044303

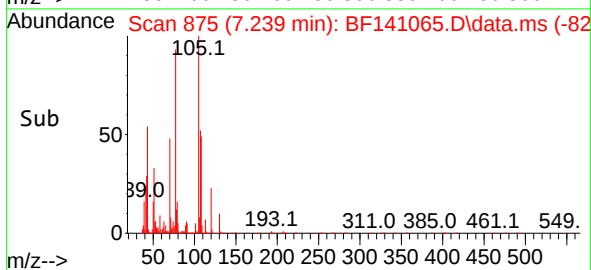
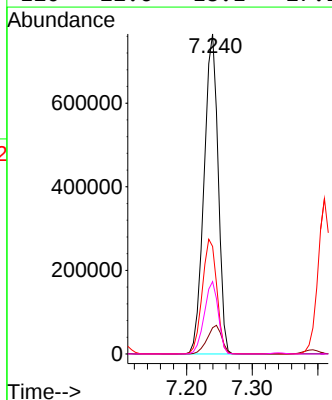
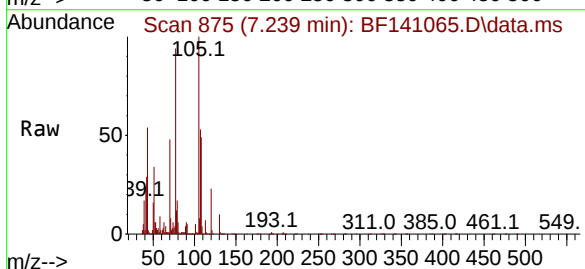
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.5	7.6	11.4
68	6.5	5.6	8.4

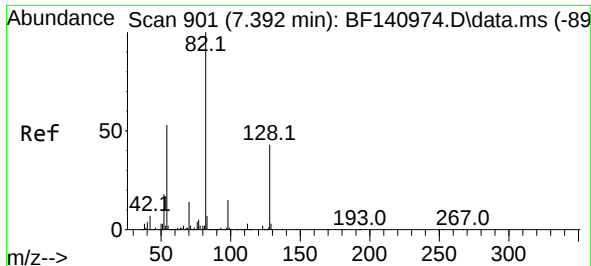


#22
Acetophenone
Concen: 44.780 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:105 Resp: 1147179

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.1	9.1
51	33.6	25.8	38.6
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 108.674 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

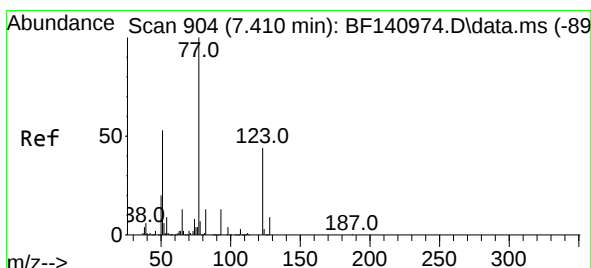
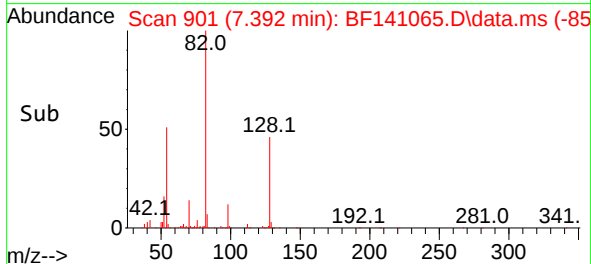
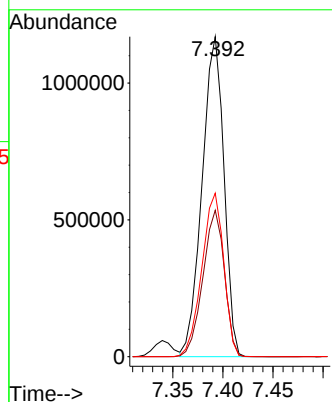
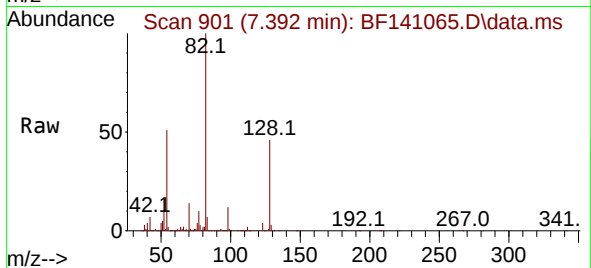
BNA_F

ClientSampleId :

PB165945BS

Tgt Ion: 82 Resp: 1773872

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.4	51.6
54	51.1	42.4	63.6



#24

Nitrobenzene

Concen: 50.676 ng

RT: 7.410 min Scan# 904

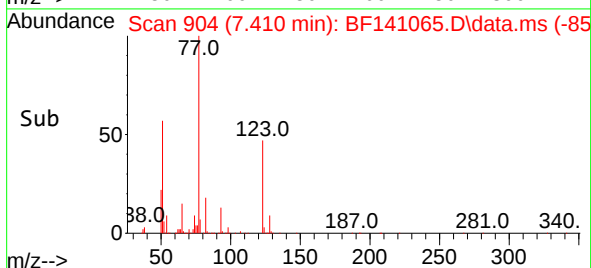
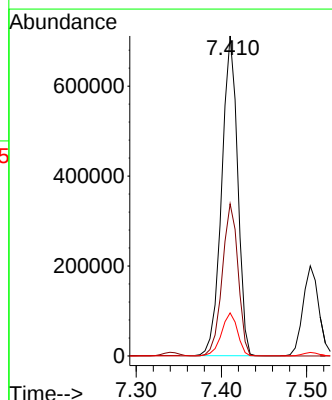
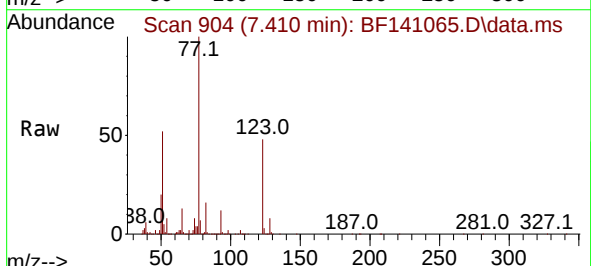
Delta R.T. -0.000 min

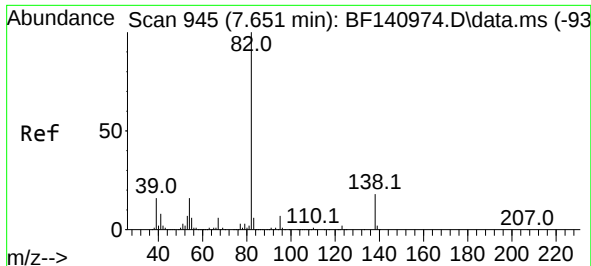
Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Tgt Ion: 77 Resp: 924281

Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.4	53.2
65	13.5	10.7	16.1

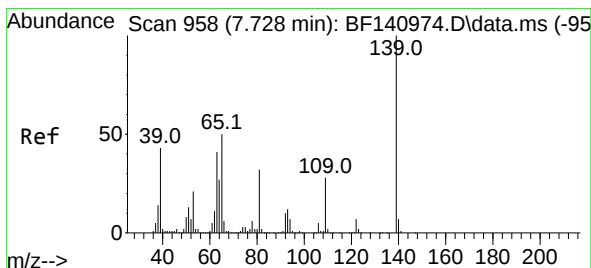
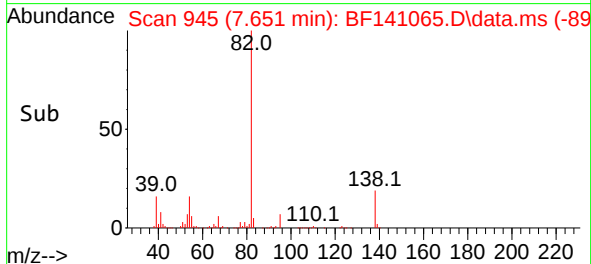
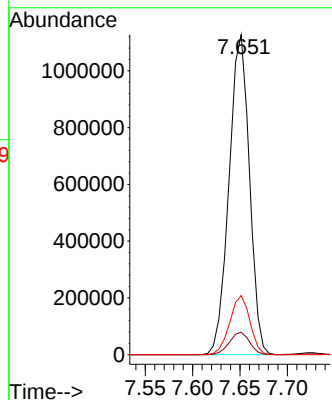
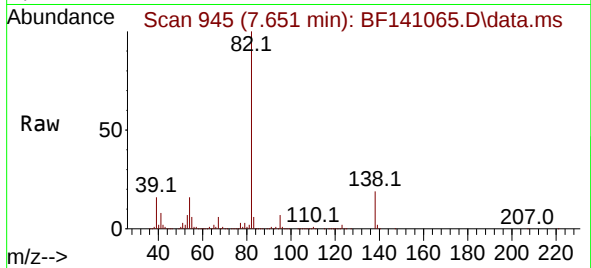




#25
Isophorone
Concen: 47.523 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

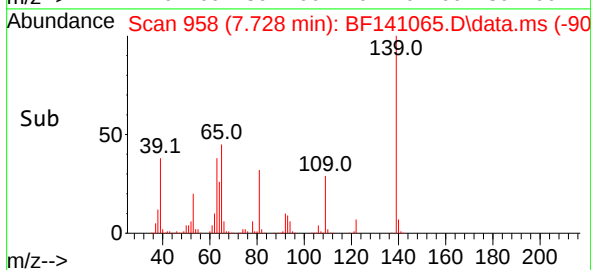
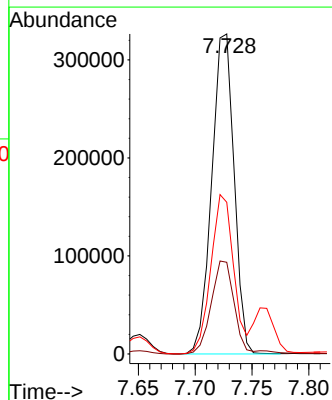
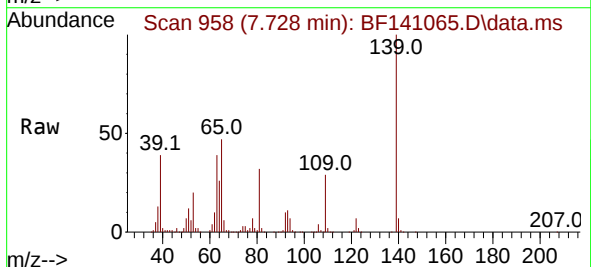
Instrument :
BNA_F
ClientSampleId :
PB165945BS

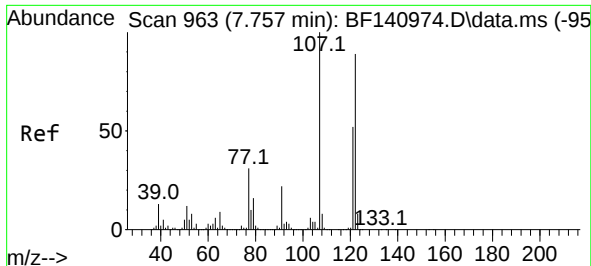
Tgt Ion: 82 Resp: 1687984
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 58.525 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion: 139 Resp: 447221
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 47.4 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 56.119 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

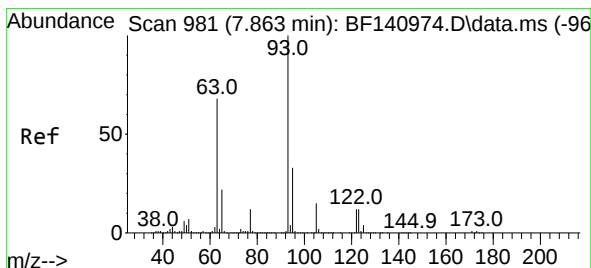
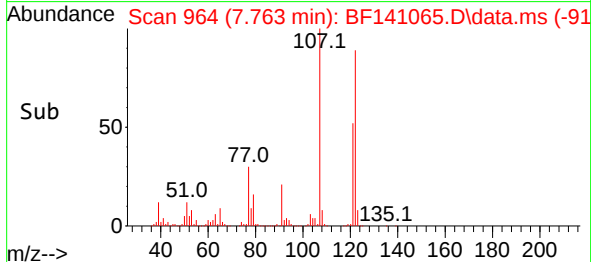
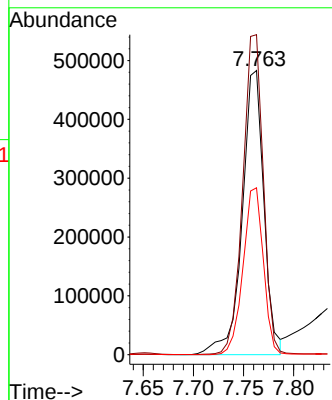
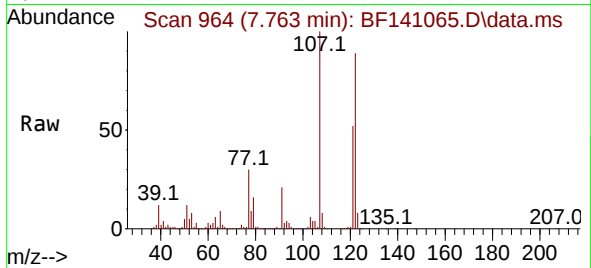
Tgt Ion:122 Resp: 728497

Ion Ratio Lower Upper

122 100

107 112.6 89.4 134.2

121 58.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.832 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

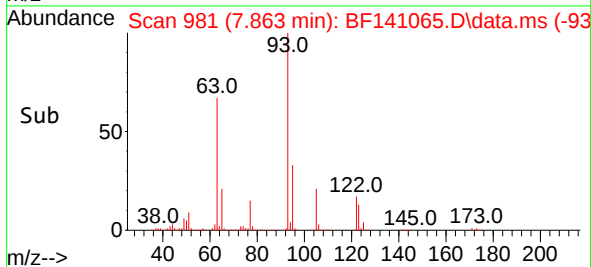
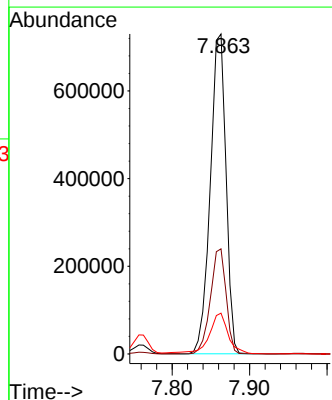
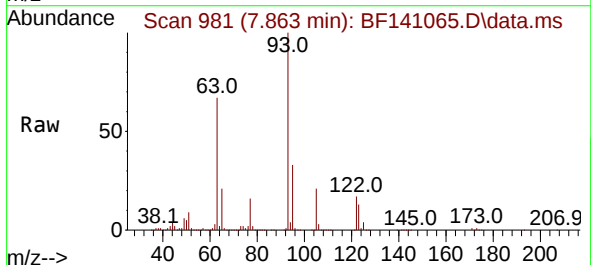
Tgt Ion: 93 Resp: 1031419

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.8 9.9 14.9

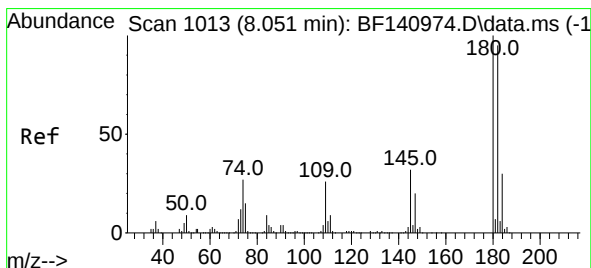
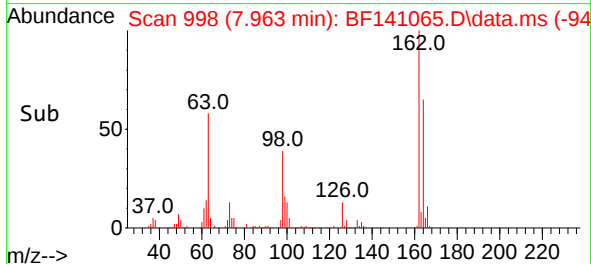
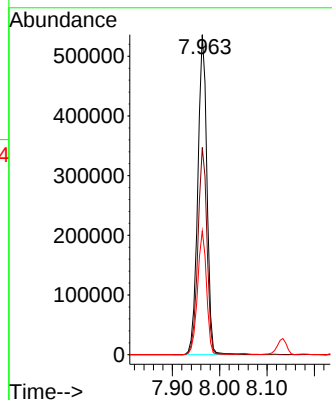
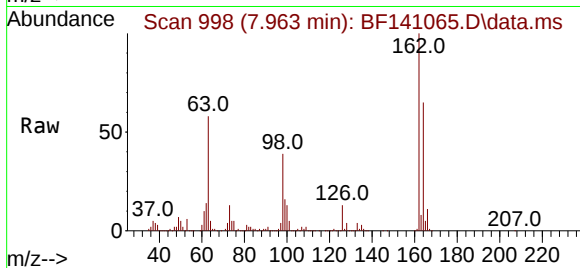




#29
2,4-Dichlorophenol
Concen: 48.890 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

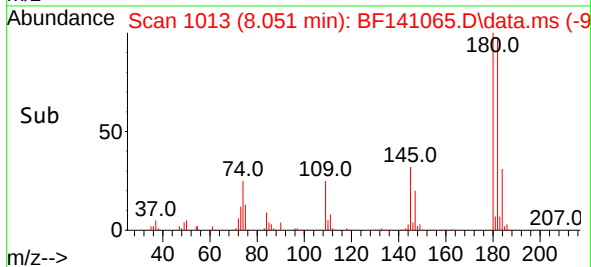
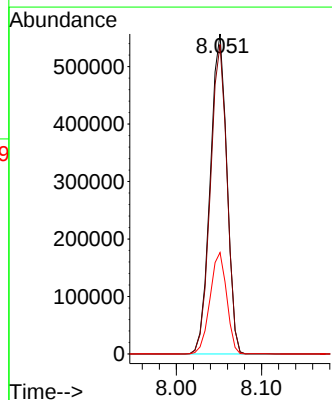
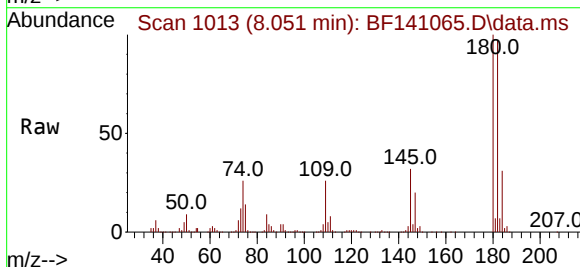
Instrument :
BNA_F
ClientSampleId :
PB165945BS

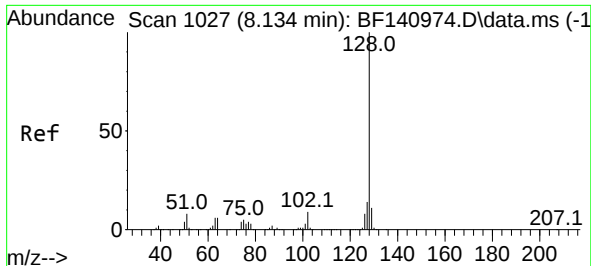
Tgt Ion:162 Resp: 719786
Ion Ratio Lower Upper
162 100
164 64.8 44.8 84.8
98 38.7 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 45.342 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:180 Resp: 755576
Ion Ratio Lower Upper
180 100
182 96.8 76.2 114.4
145 31.7 25.4 38.2

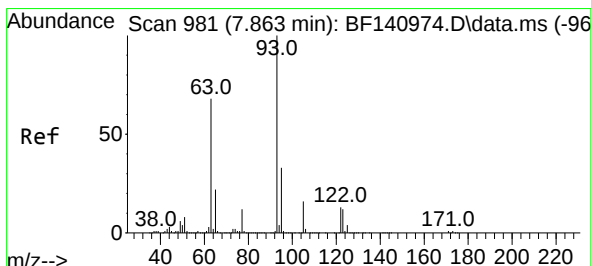
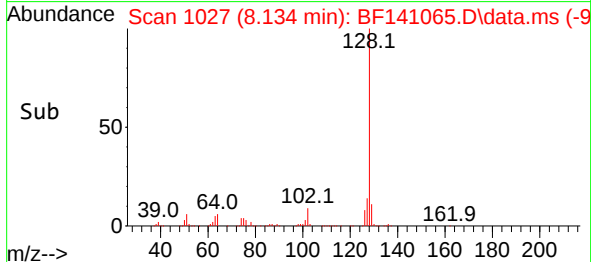
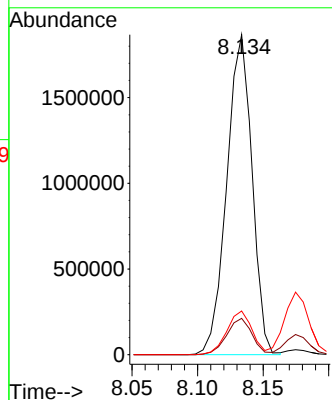
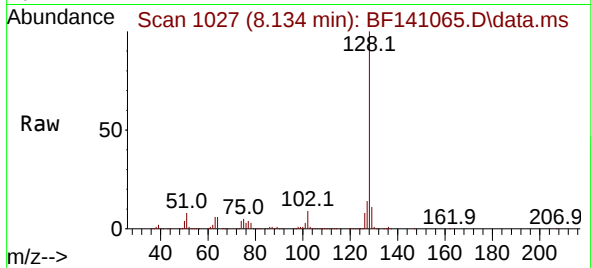




#31
Naphthalene
Concen: 45.447 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

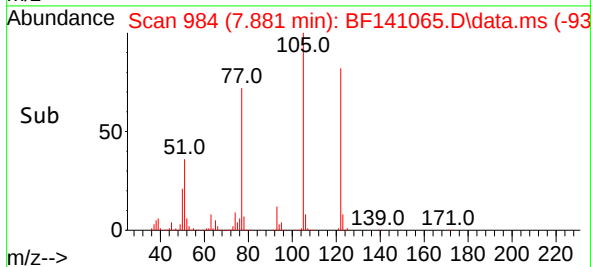
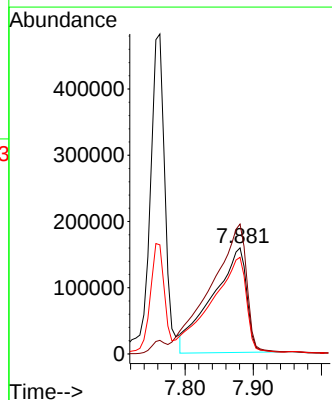
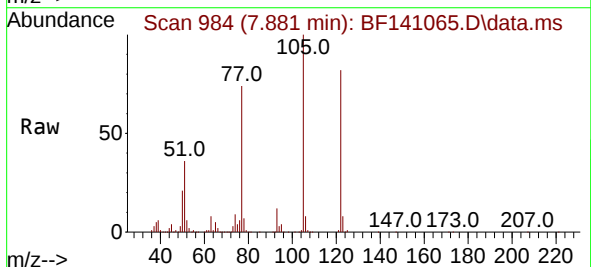
Instrument :
BNA_F
ClientSampleId :
PB165945BS

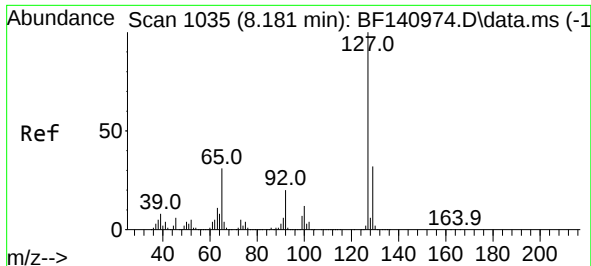
Tgt Ion:128 Resp: 2500894
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 51.255 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:122 Resp: 554184
Ion Ratio Lower Upper
122 100
105 122.5 105.4 145.4
77 91.1 76.4 116.4



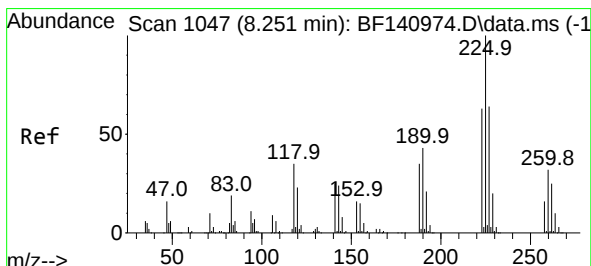
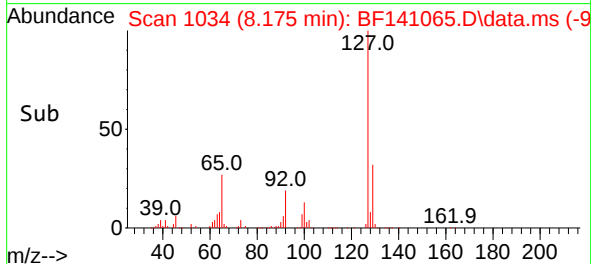
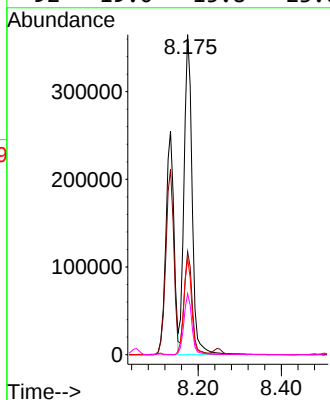
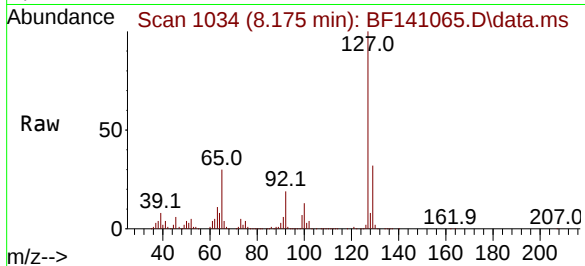


#33
4-Chloroaniline
Concen: 24.800 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion:127 Resp: 493711

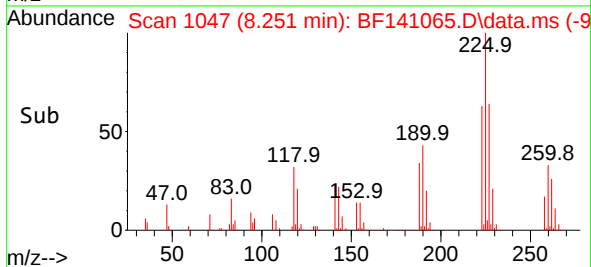
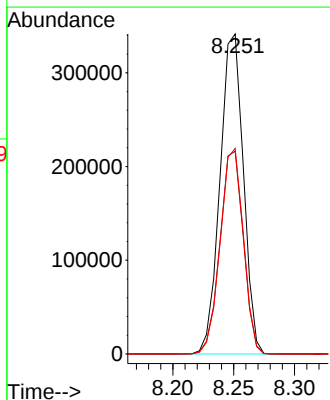
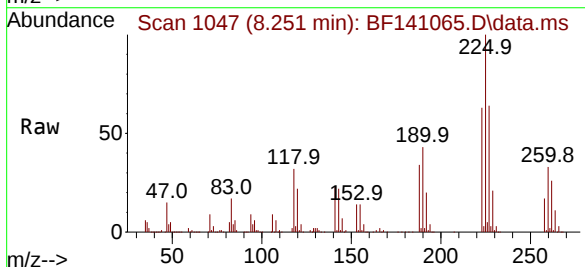
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.0	24.6	37.0
92	19.0	15.8	23.6

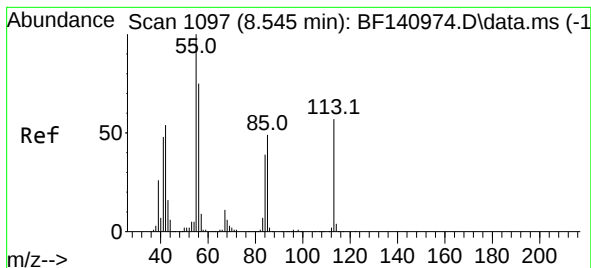


#34
Hexachlorobutadiene
Concen: 46.398 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:225 Resp: 455803

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	64.2	50.8	76.2





#35

Caprolactam

Concen: 28.962 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

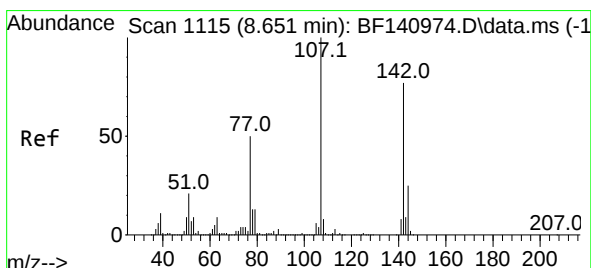
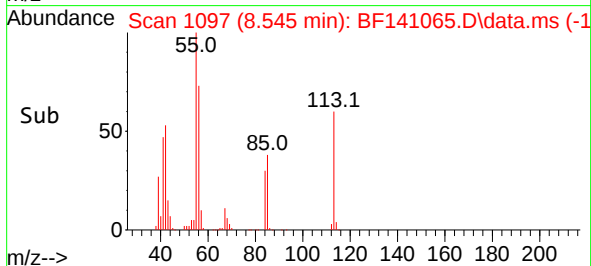
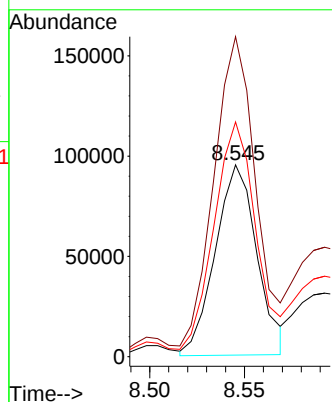
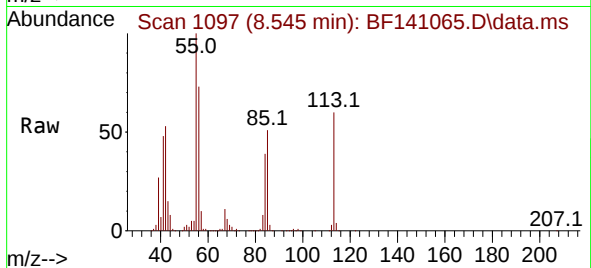
Tgt Ion:113 Resp: 144956

Ion Ratio Lower Upper

113 100

55 166.8 156.6 196.6

56 122.4 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 47.757 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

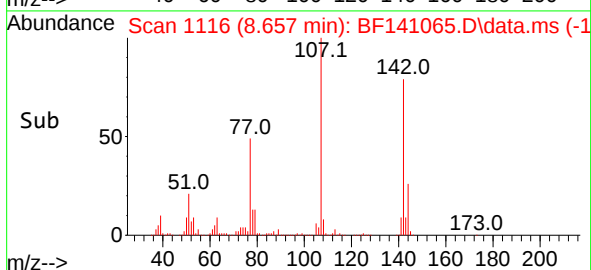
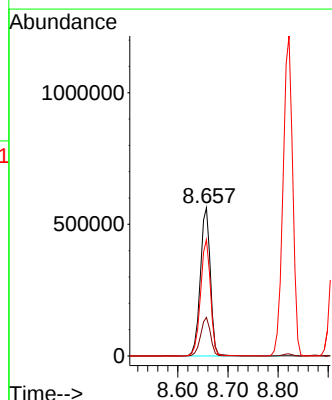
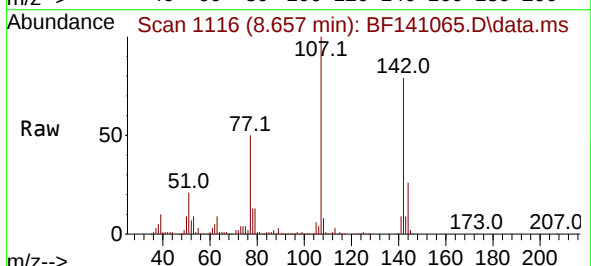
Tgt Ion:107 Resp: 780837

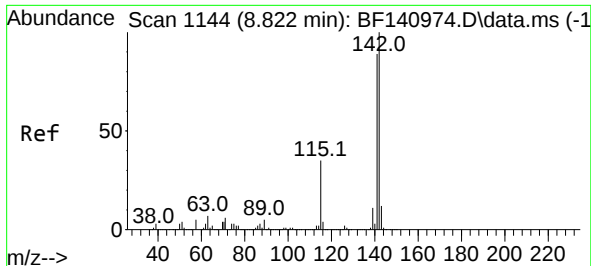
Ion Ratio Lower Upper

107 100

144 26.0 19.9 29.9

142 78.5 61.8 92.8

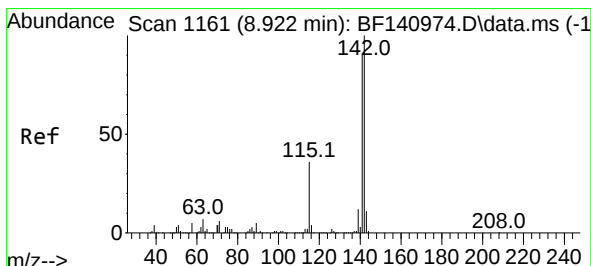
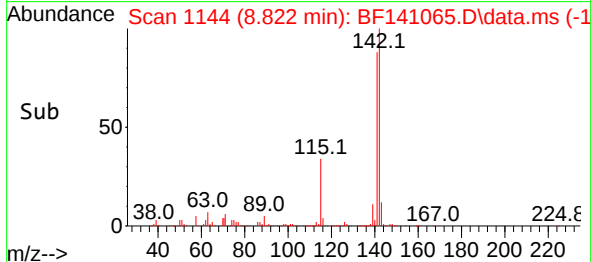
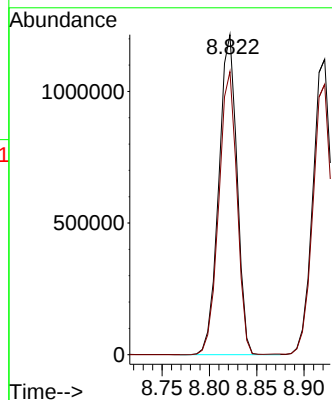
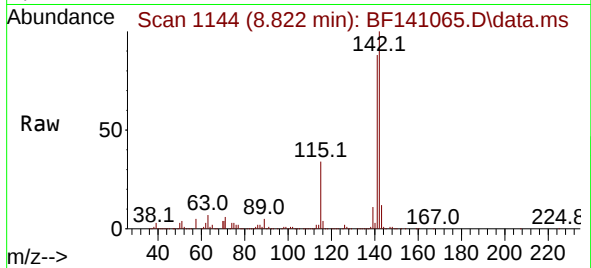




#37
2-Methylnaphthalene
Concen: 46.202 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

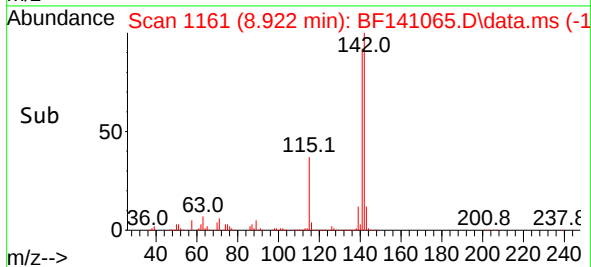
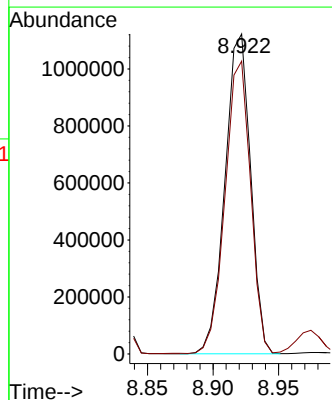
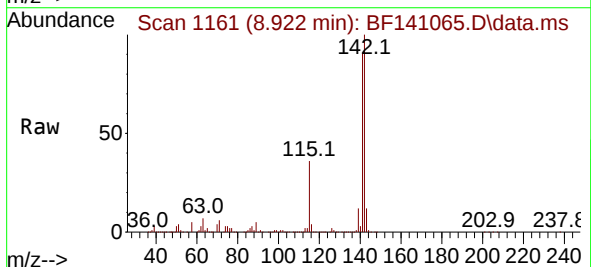
Instrument :
BNA_F
ClientSampleId :
PB165945BS

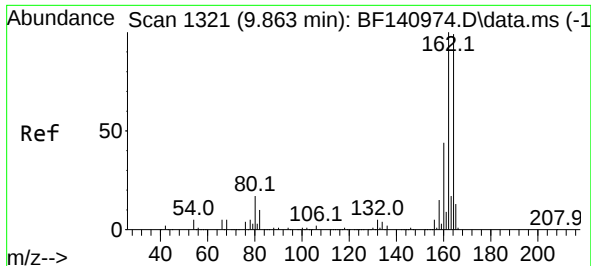
Tgt Ion:142 Resp: 1626476
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#38
1-Methylnaphthalene
Concen: 44.005 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

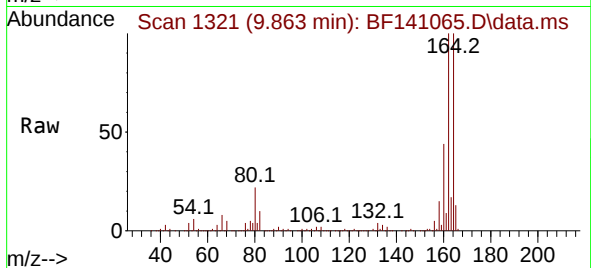
Tgt Ion:142 Resp: 1522459
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1



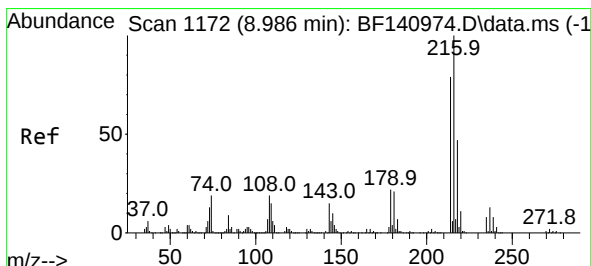
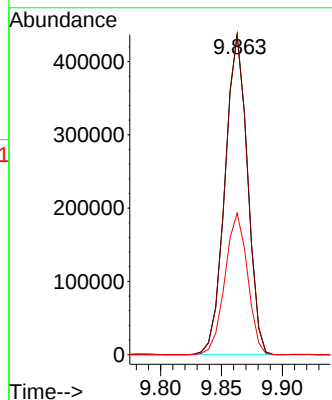
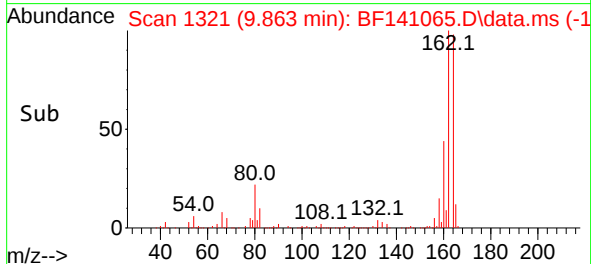


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

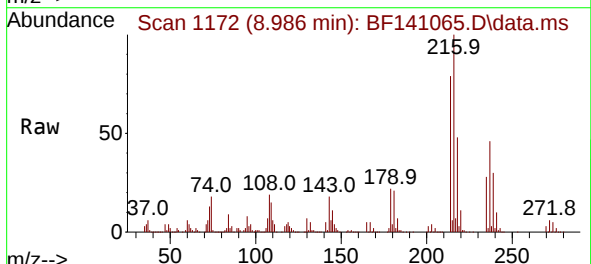
Instrument :
BNA_F
ClientSampleId :
PB165945BS



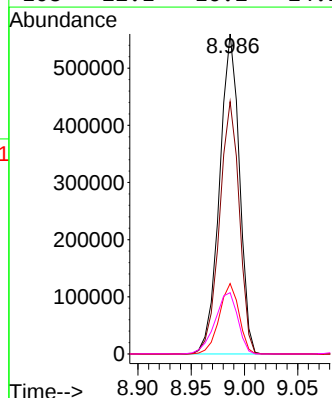
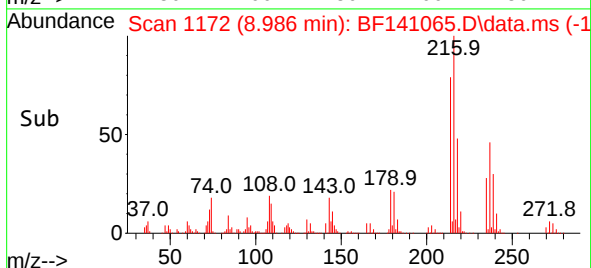
Tgt Ion:164 Resp: 561214
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.2 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.886 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03



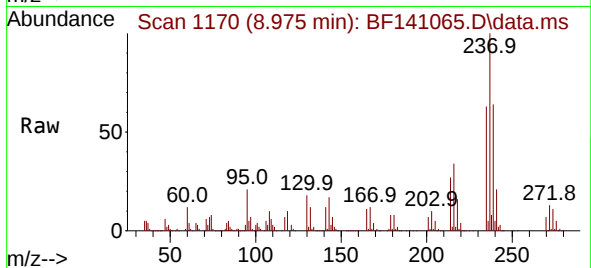
Tgt Ion:216 Resp: 723909
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 21.9 17.9 26.9
108 22.1 16.2 24.2



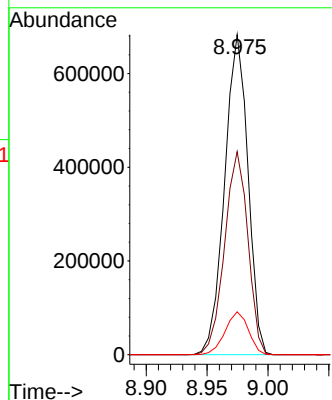
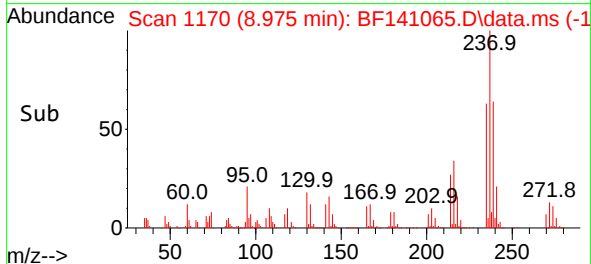


#41
Hexachlorocyclopentadiene
Concen: 177.726 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

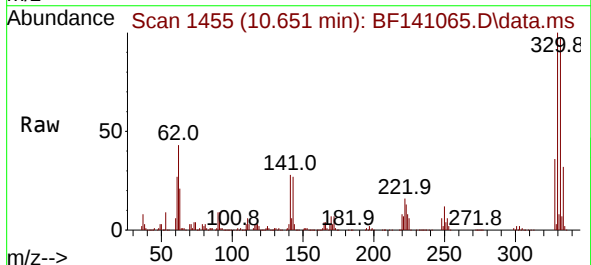
Instrument :
BNA_F
ClientSampleId :
PB165945BS



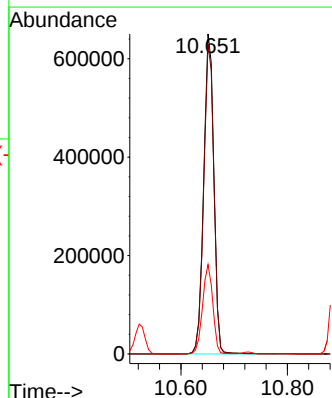
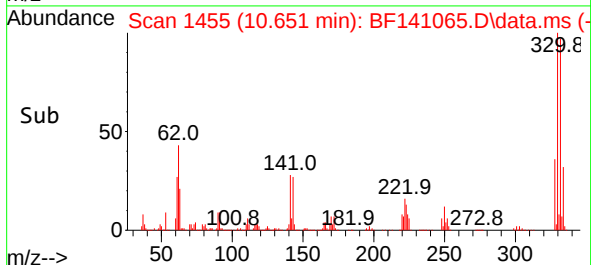
Tgt Ion:237 Resp: 909341
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.4 0.0 32.6

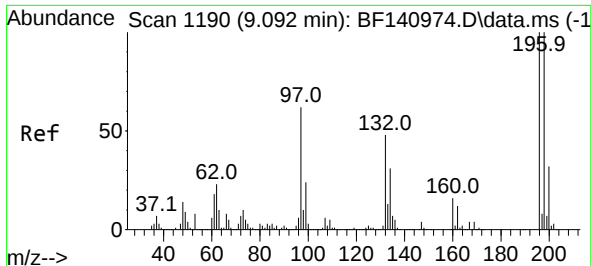


#42
2,4,6-Tribromophenol
Concen: 157.625 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03



Tgt Ion:330 Resp: 859584
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 28.2 26.4 39.6

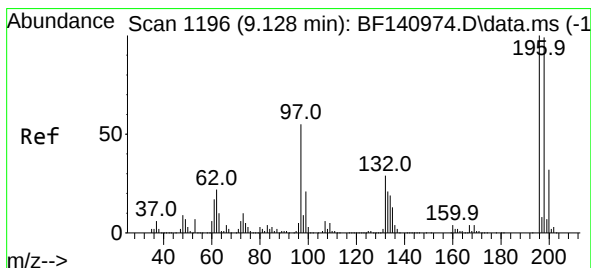
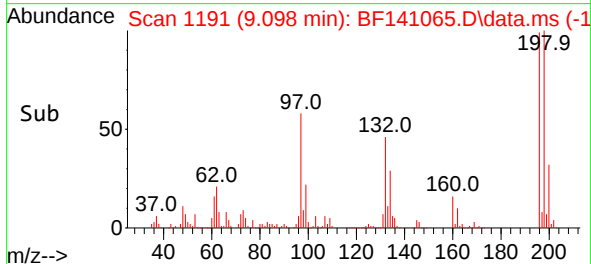
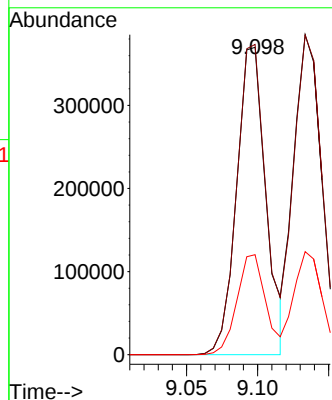
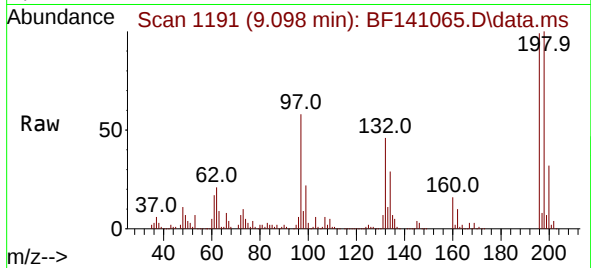




#43
2,4,6-Trichlorophenol
Concen: 51.582 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

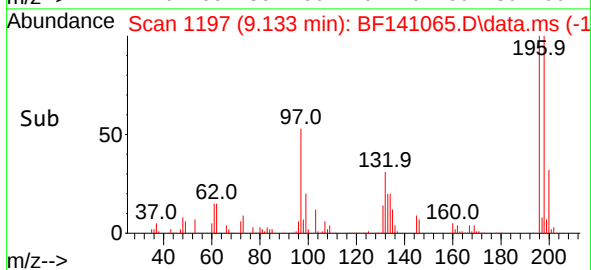
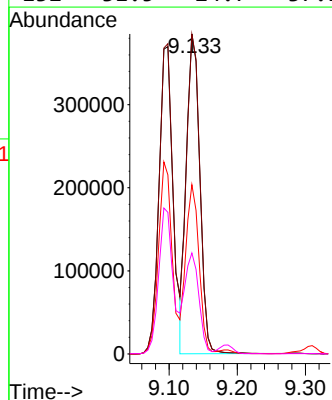
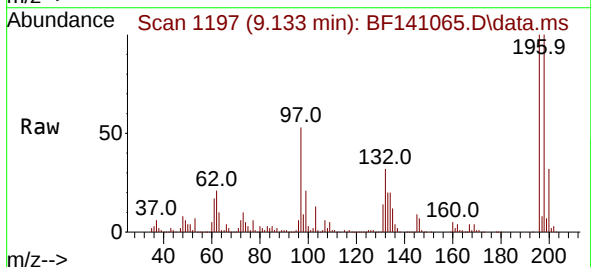
Instrument :
BNA_F
ClientSampleId :
PB165945BS

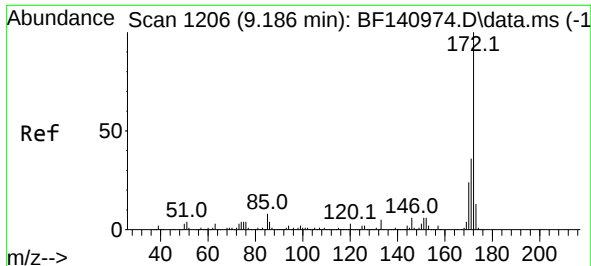
Tgt Ion:196 Resp: 530051
Ion Ratio Lower Upper
196 100
198 100.9 80.2 120.4
200 32.5 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 50.183 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:196 Resp: 527631
Ion Ratio Lower Upper
196 100
198 99.8 79.9 119.9
97 52.9 44.3 66.5
132 31.5 24.7 37.1

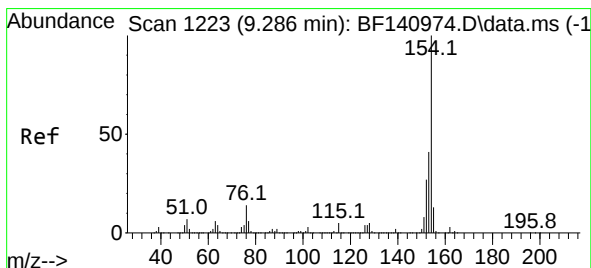
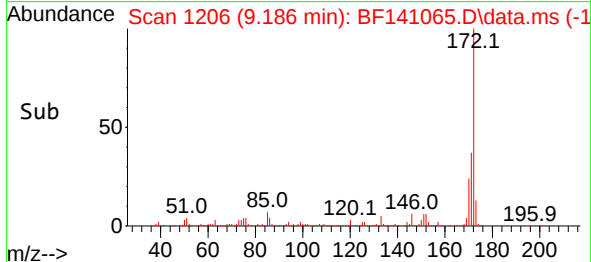
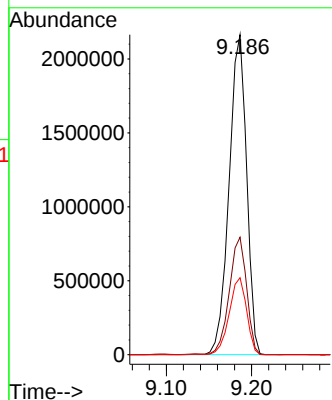
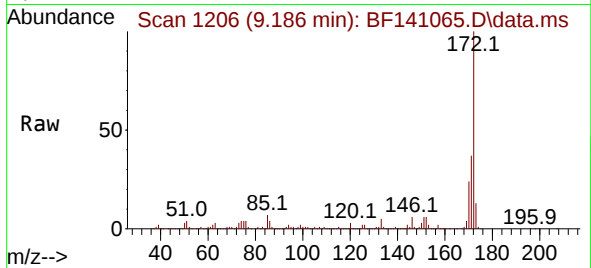




#45
2-Fluorobiphenyl
Concen: 87.740 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

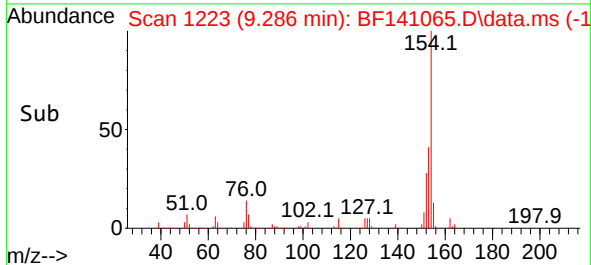
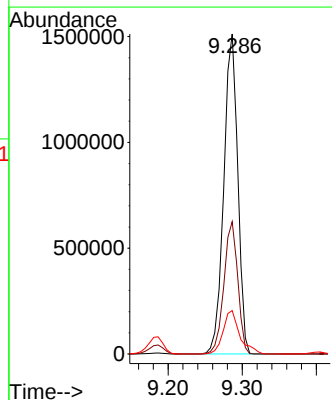
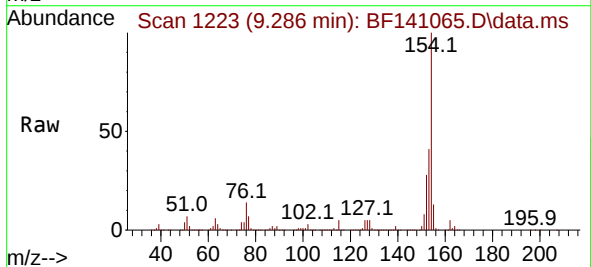
Instrument :
BNA_F
ClientSampleId :
PB165945BS

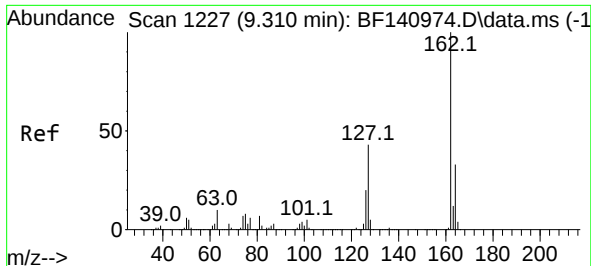
Tgt Ion:172 Resp: 3090607
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.1 19.6 29.4



#46
1,1'-Biphenyl
Concen: 46.036 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:154 Resp: 1978272
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.050 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

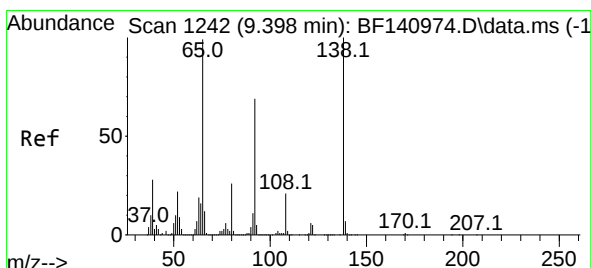
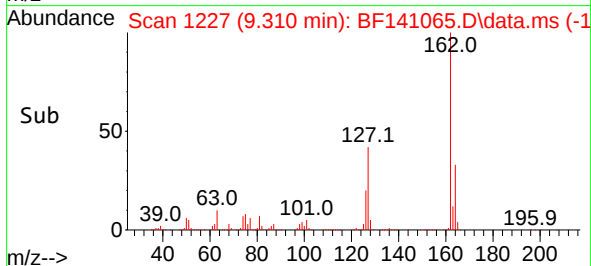
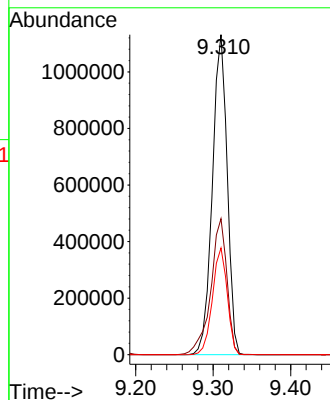
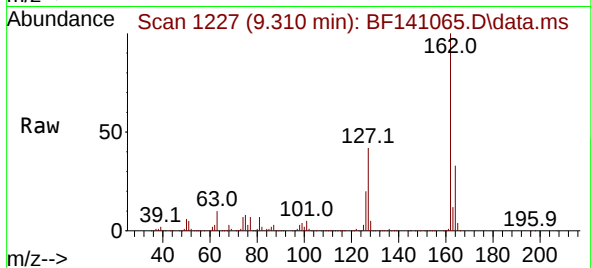
Tgt Ion:162 Resp: 1501403

Ion Ratio Lower Upper

162 100

127 42.5 34.2 51.4

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 54.786 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

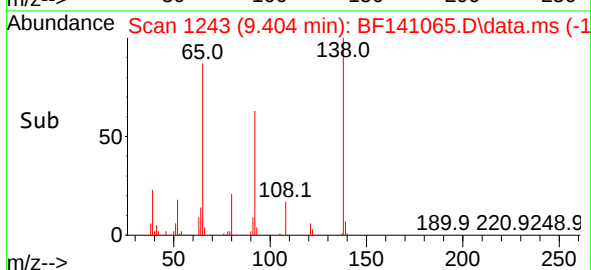
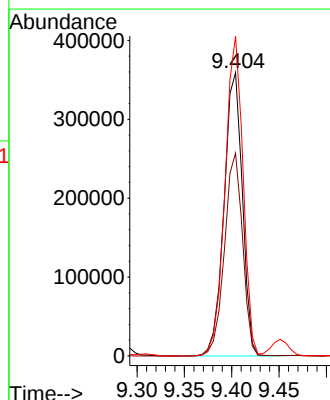
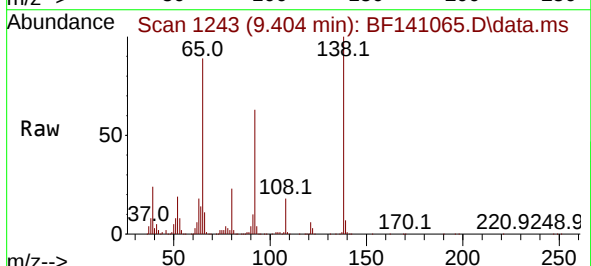
Tgt Ion: 65 Resp: 484004

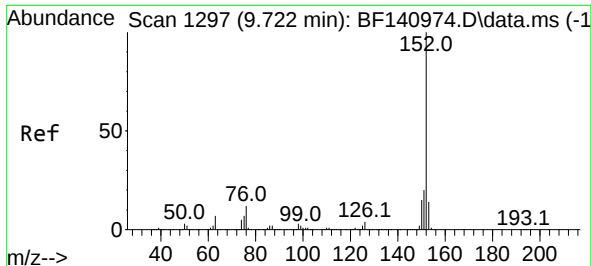
Ion Ratio Lower Upper

65 100

92 71.6 55.6 83.4

138 112.9 80.5 120.7





#49

Acenaphthylene

Concen: 48.888 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

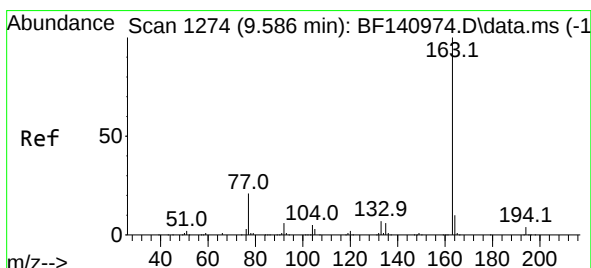
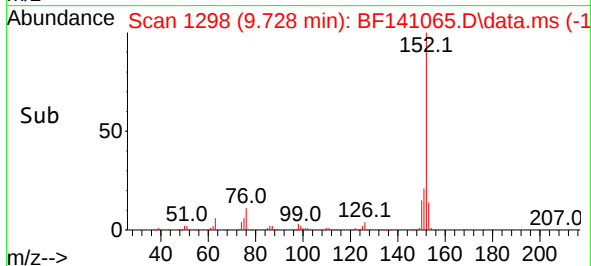
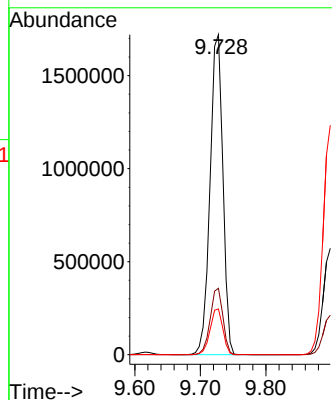
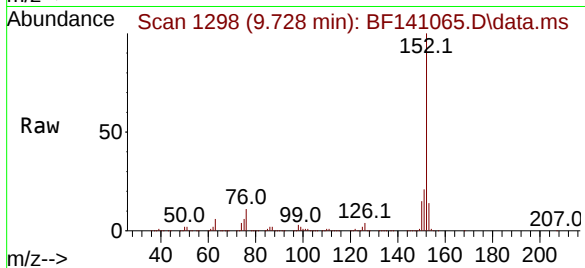
Tgt Ion:152 Resp: 2345475

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 48.547 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

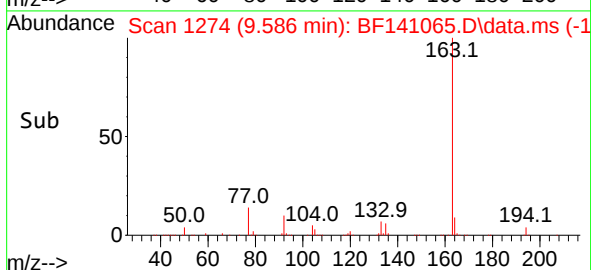
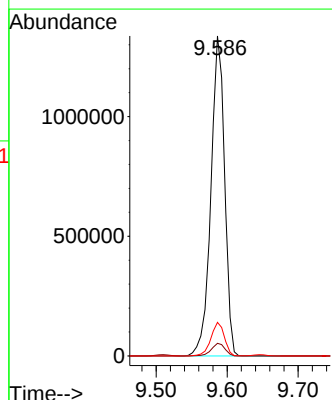
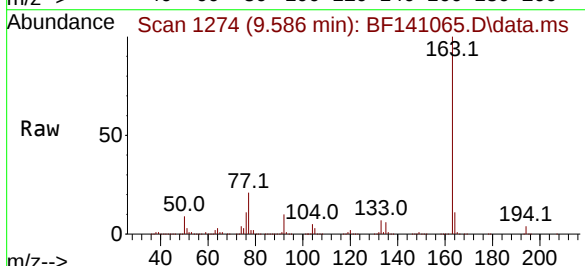
Tgt Ion:163 Resp: 1792105

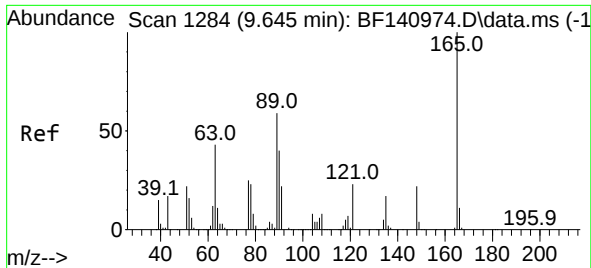
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.3 12.5

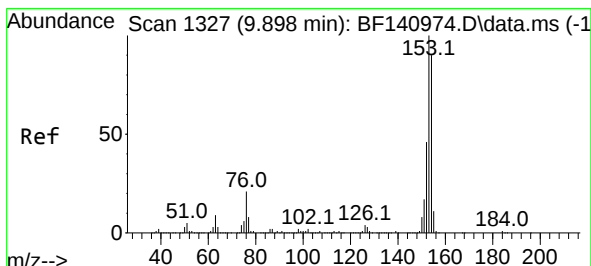
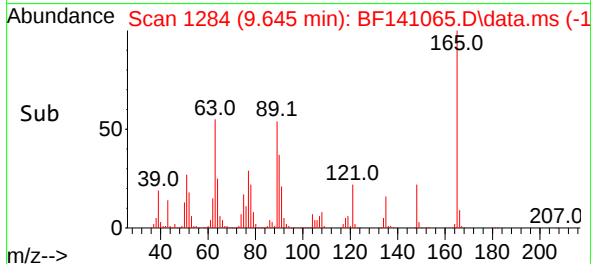
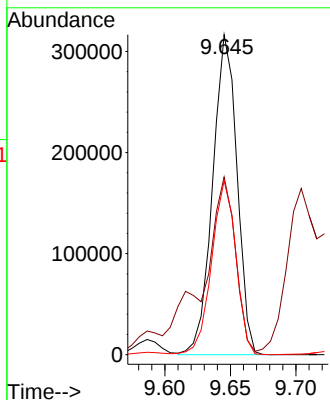
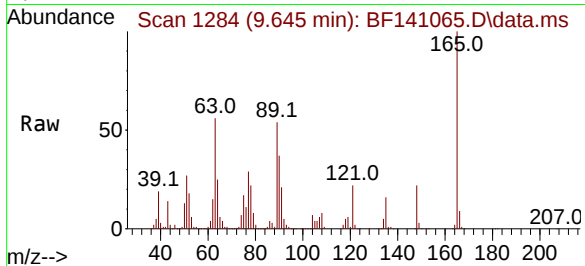




#51
2,6-Dinitrotoluene
Concen: 53.808 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

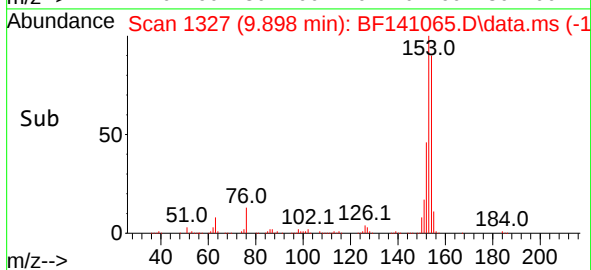
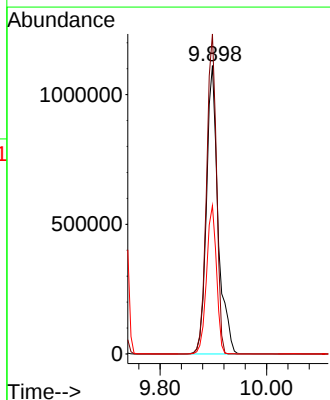
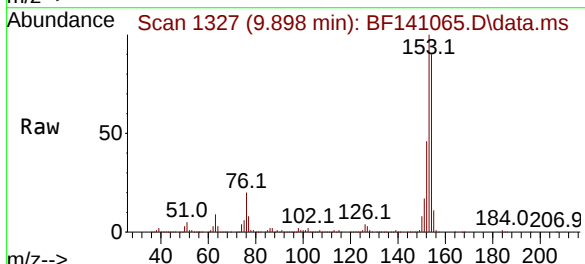
Instrument :
BNA_F
ClientSampleId :
PB165945BS

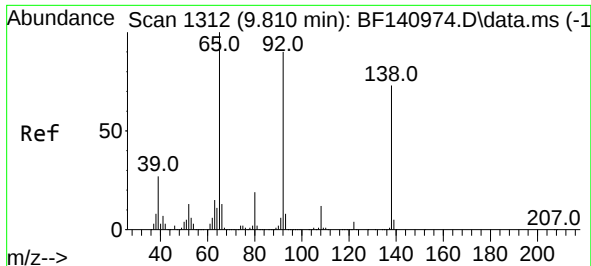
Tgt Ion:165 Resp: 408682
Ion Ratio Lower Upper
165 100
63 55.5 47.1 70.7
89 54.4 47.0 70.4



#52
Acenaphthene
Concen: 52.161 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:154 Resp: 1691822
Ion Ratio Lower Upper
154 100
153 111.0 89.2 133.8
152 51.4 40.9 61.3

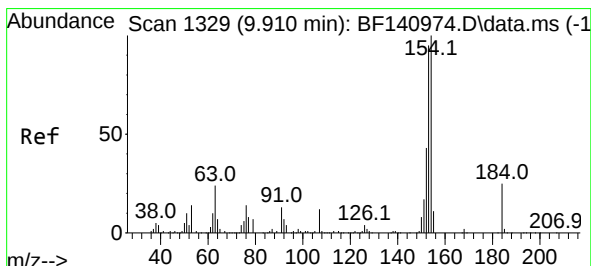
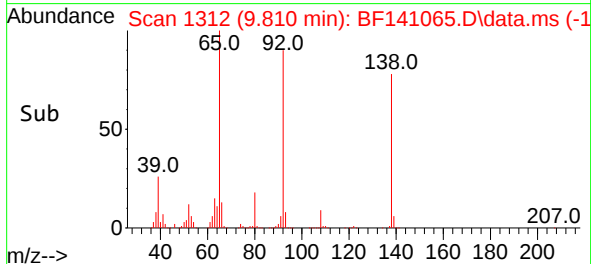
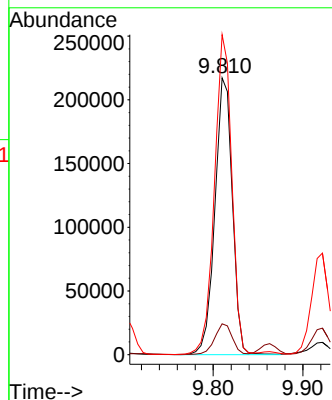
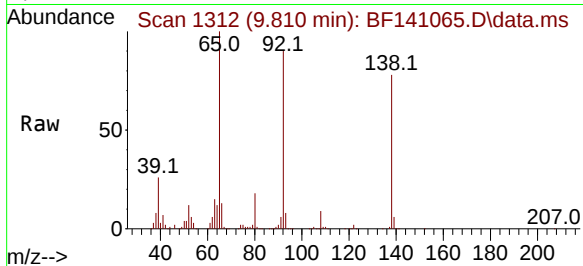




#53
3-Nitroaniline
Concen: 36.667 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

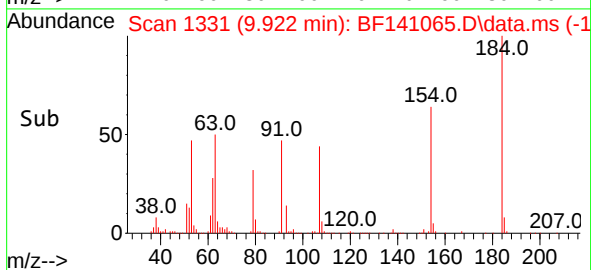
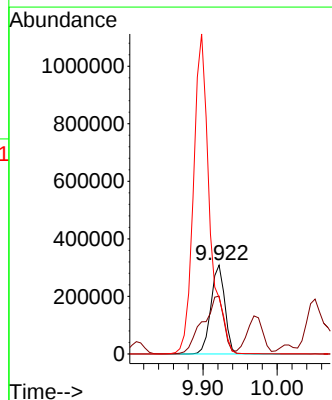
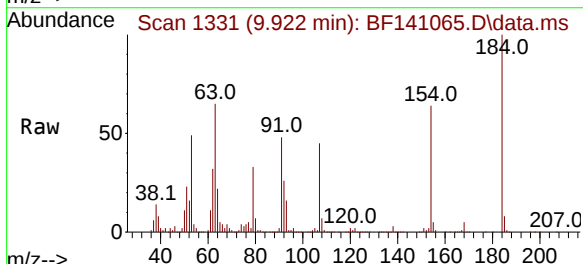
Instrument :
BNA_F
ClientSampleId :
PB165945BS

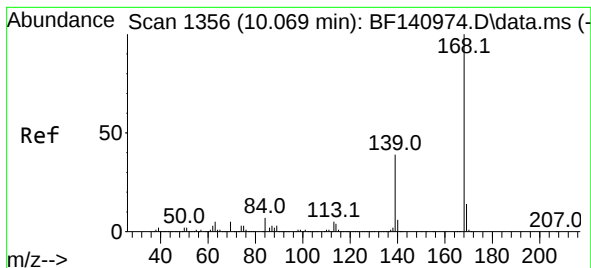
Tgt Ion:138 Resp: 293424
Ion Ratio Lower Upper
138 100
108 11.1 13.5 20.3#
92 115.6 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 113.034 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:184 Resp: 403862
Ion Ratio Lower Upper
184 100
63 65.0 81.6 122.4#
154 63.6 363.5 545.3#

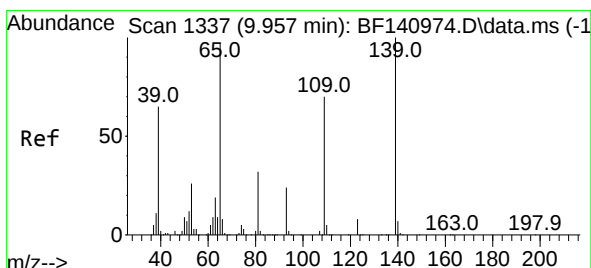
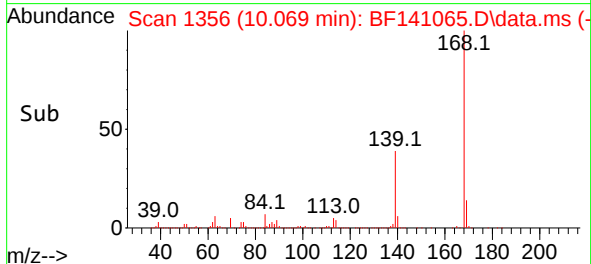
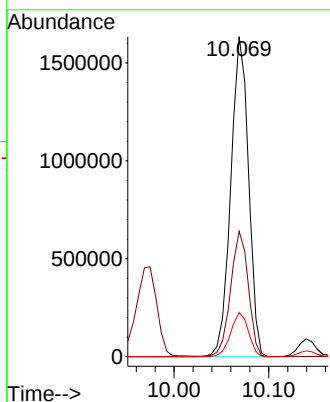
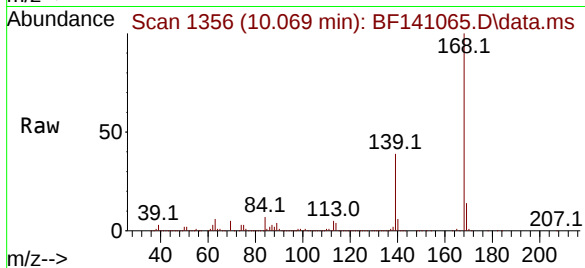




#55
Dibenzenofuran
Concen: 46.675 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

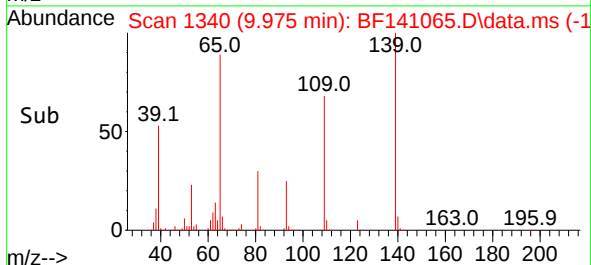
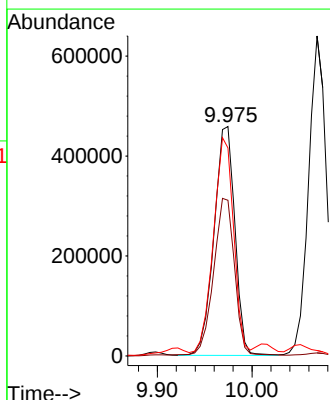
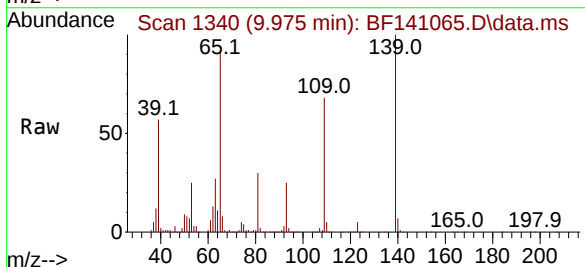
Instrument :
BNA_F
ClientSampleId :
PB165945BS

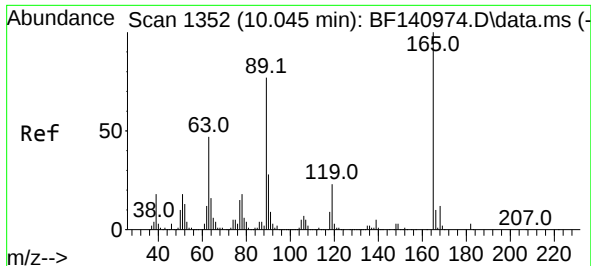
Tgt Ion:168 Resp: 2127512
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 111.154 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:139 Resp: 701887
Ion Ratio Lower Upper
139 100
109 67.9 50.8 90.8
65 90.6 78.5 118.5

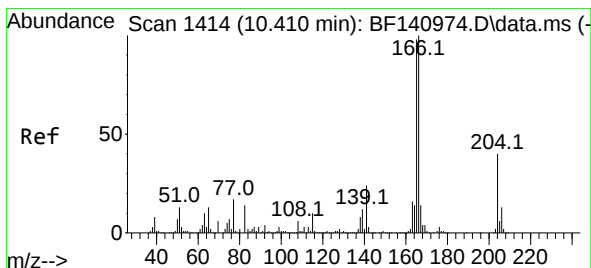
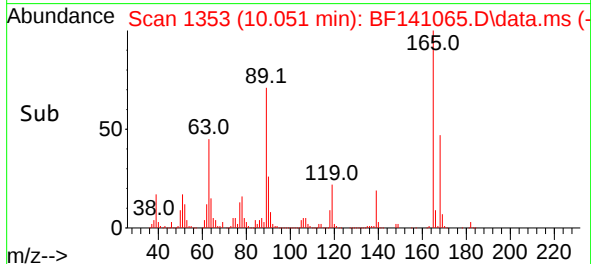
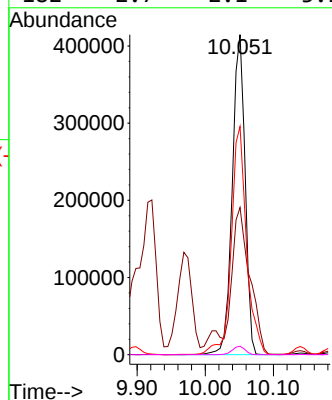
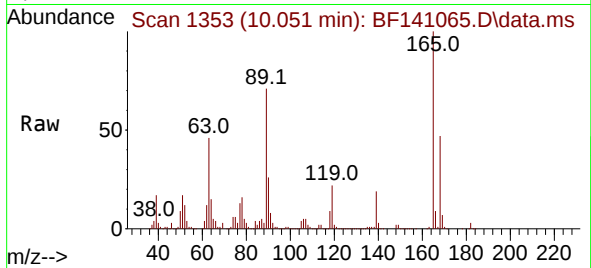




#57
2,4-Dinitrotoluene
Concen: 57.822 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

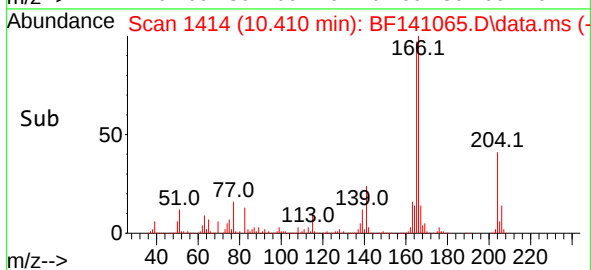
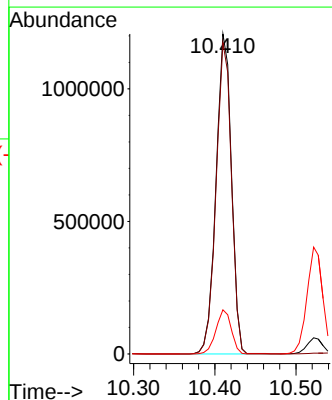
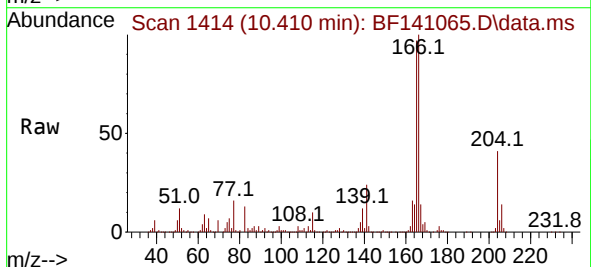
Instrument :
BNA_F
ClientSampleId :
PB165945BS

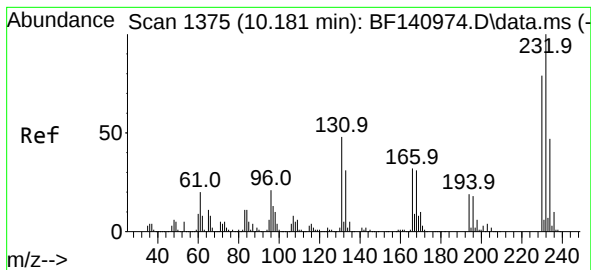
Tgt Ion:165 Resp: 542028
Ion Ratio Lower Upper
165 100
63 46.0 38.1 57.1
89 71.3 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 45.077 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:166 Resp: 1593297
Ion Ratio Lower Upper
166 100
165 97.3 78.3 117.5
167 13.8 10.9 16.3

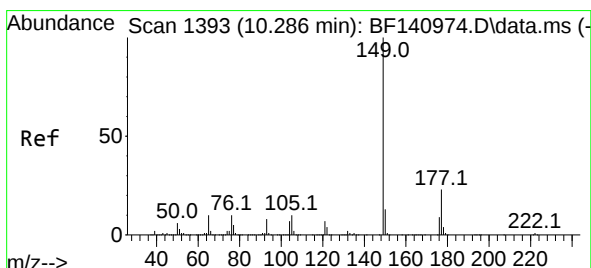
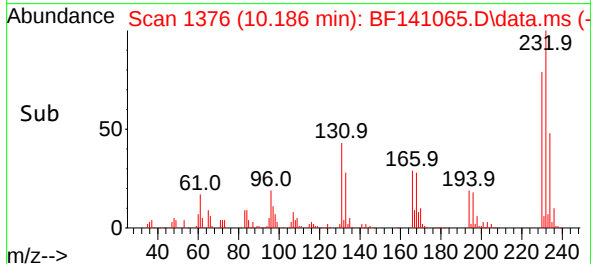
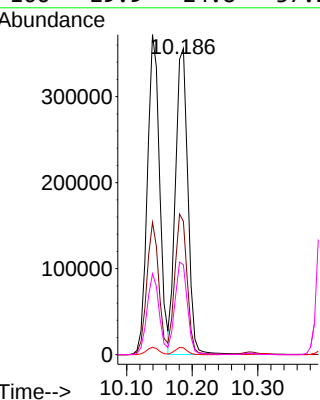
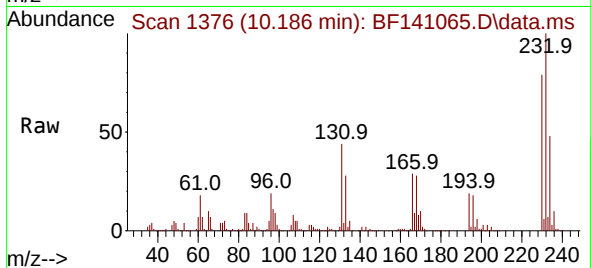




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.494 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

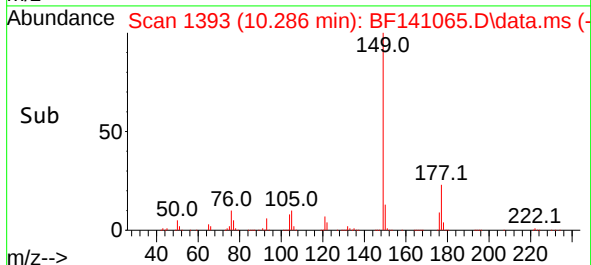
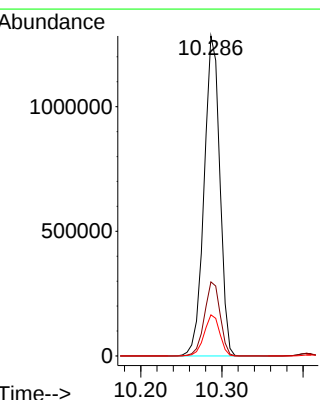
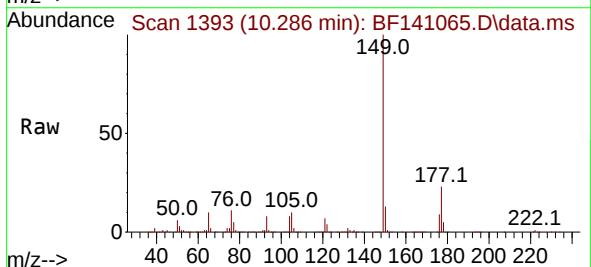
Instrument :
BNA_F
ClientSampleId :
PB165945BS

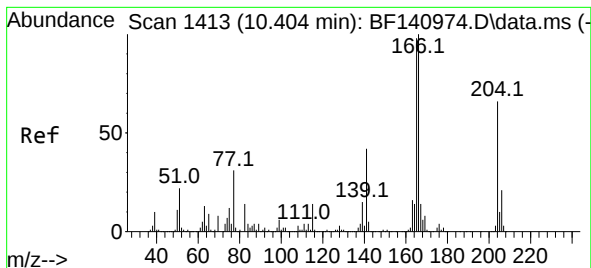
Tgt Ion:232 Resp: 465819
Ion Ratio Lower Upper
232 100
131 45.2 37.4 56.2
130 2.3 1.8 2.8
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 47.386 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:149 Resp: 1726921
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.9 10.4 15.6

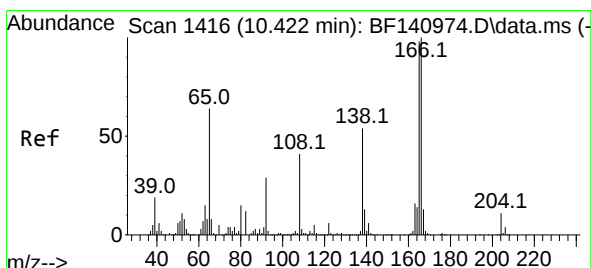
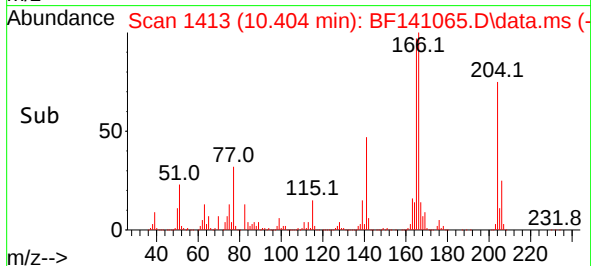
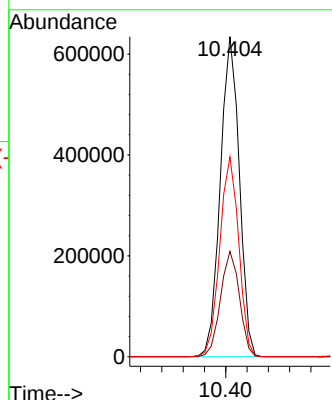
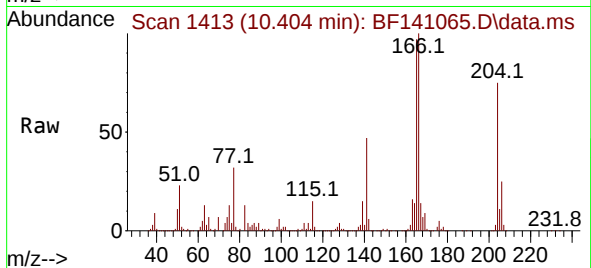




#61
4-Chlorophenyl-phenylether
Concen: 46.102 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

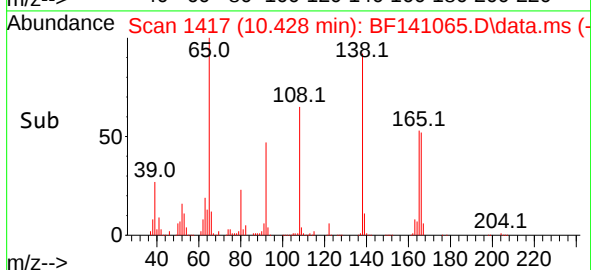
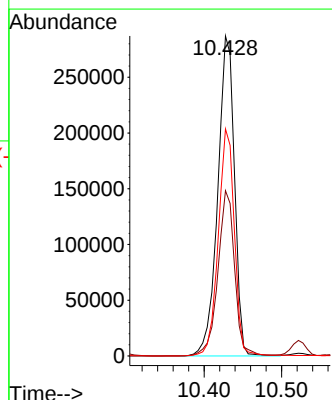
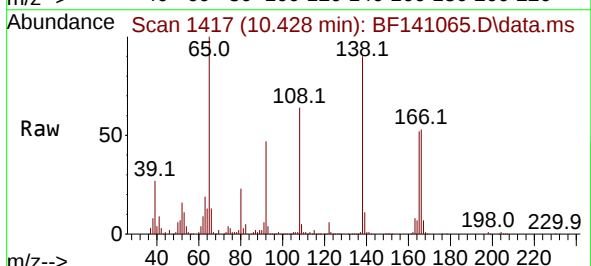
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion:204 Resp: 784094
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 62.4 51.2 76.8



#62
4-Nitroaniline
Concen: 52.362 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:138 Resp: 430938
Ion Ratio Lower Upper
138 100
92 51.6 34.8 74.8
108 70.9 55.9 95.9

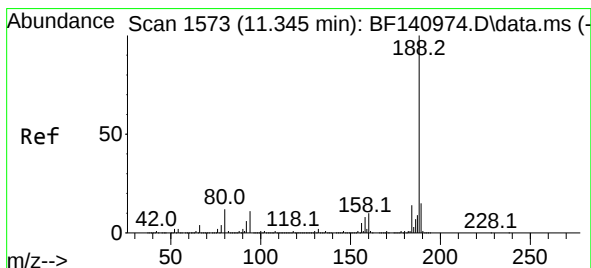
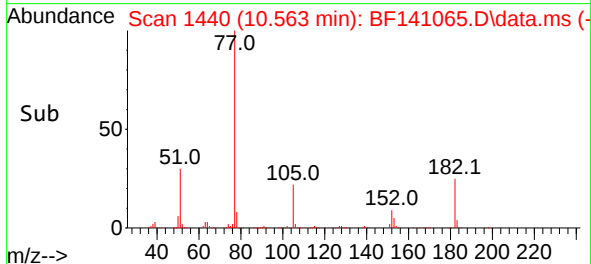
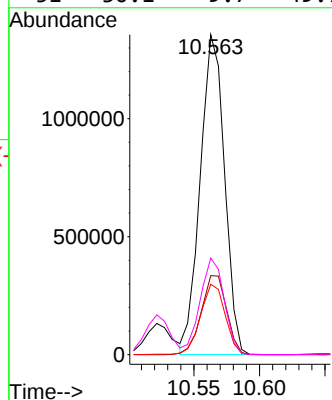
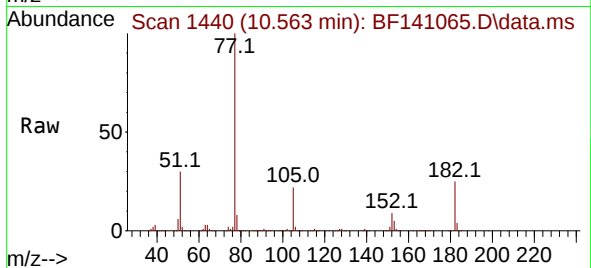




#63
Azobenzene
Concen: 45.765 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

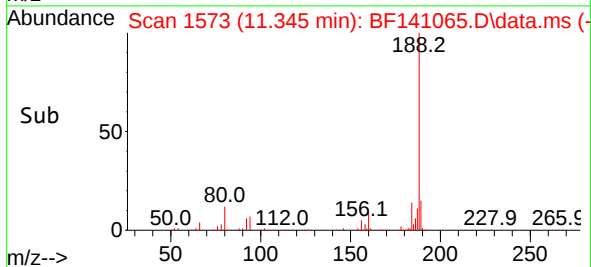
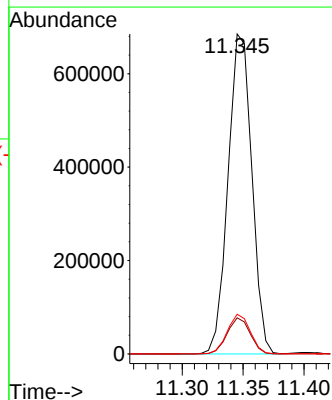
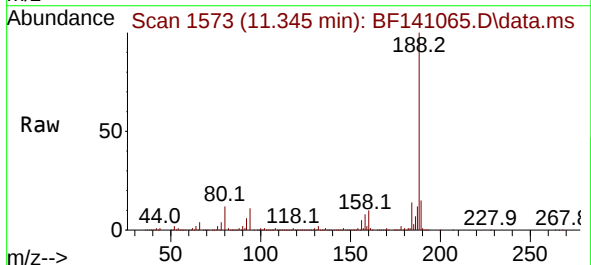
Instrument :
BNA_F
ClientSampleId :
PB165945BS

Tgt Ion: 77 Resp: 1750610
Ion Ratio Lower Upper
77 100
182 24.7 4.1 44.1
105 22.0 1.8 41.8
51 30.1 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: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:188 Resp: 930135
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.4 9.8 14.6

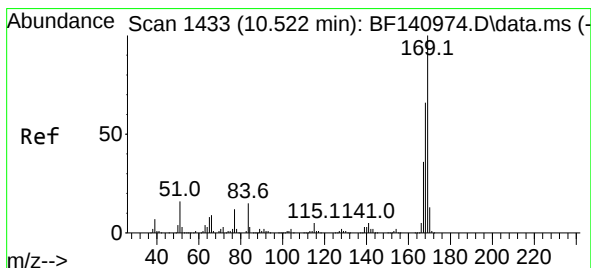
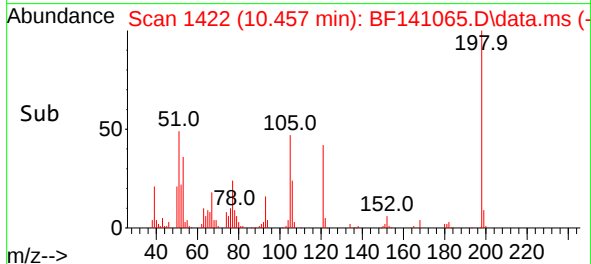
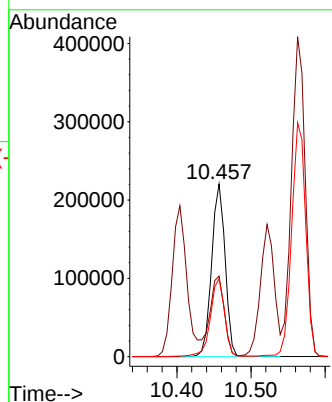
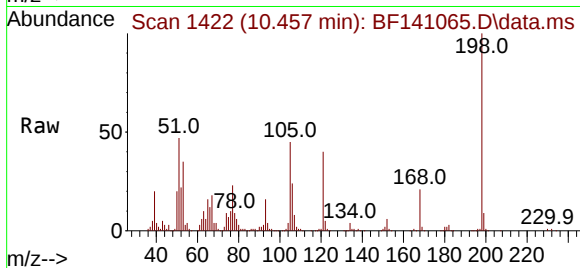




#65
4,6-Dinitro-2-methylphenol
Concen: 70.024 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

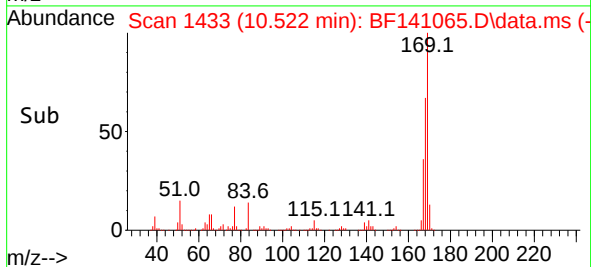
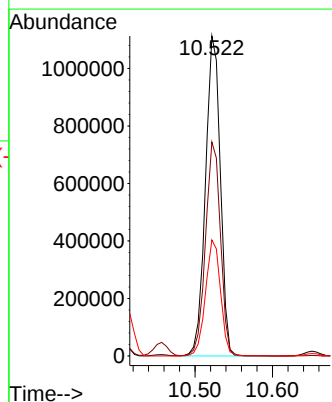
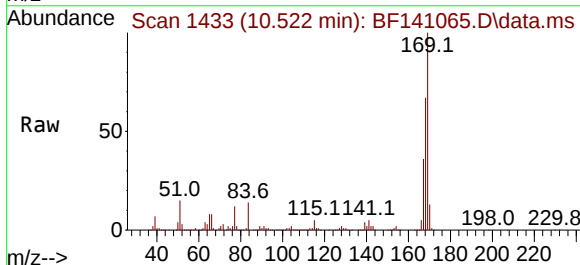
Instrument :
BNA_F
ClientSampleId :
PB165945BS

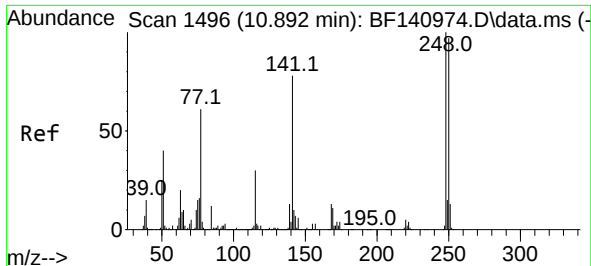
Tgt Ion:198 Resp: 279427
Ion Ratio Lower Upper
198 100
51 46.6 32.3 72.3
105 45.2 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 50.598 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:169 Resp: 1481992
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 36.2 29.0 43.4

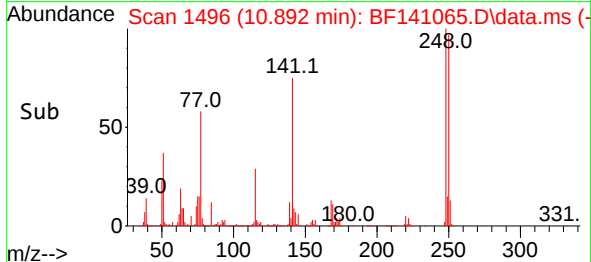
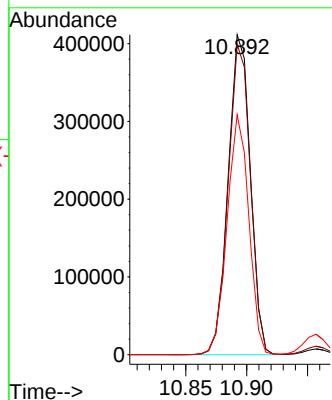
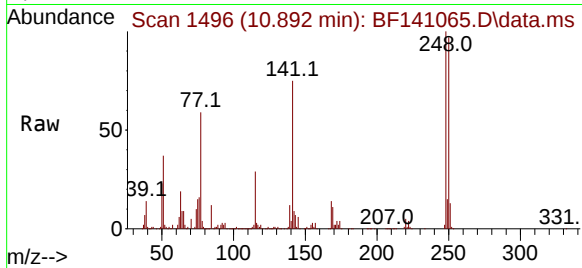




#67
4-Bromophenyl-phenylether
Concen: 52.080 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

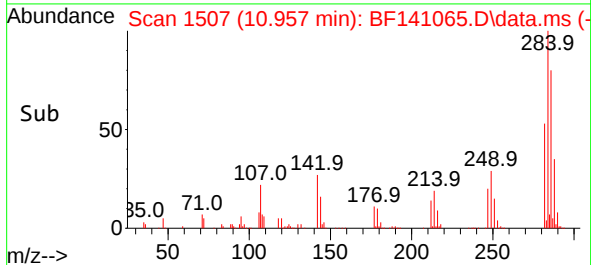
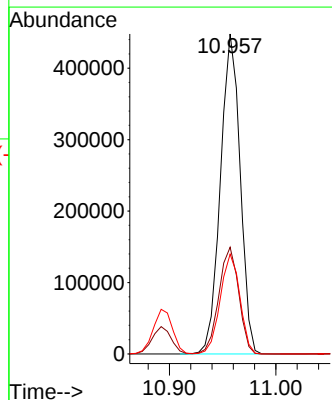
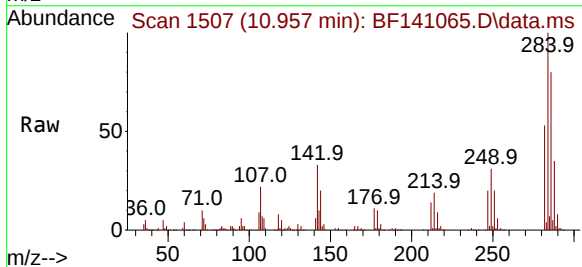
Instrument :
BNA_F
ClientSampleId :
PB165945BS

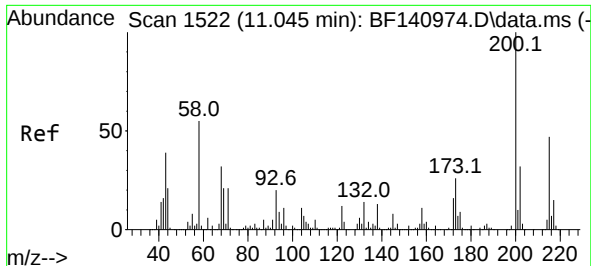
Tgt Ion:248 Resp: 523658
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 75.0 62.1 93.1



#68
Hexachlorobenzene
Concen: 51.815 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:284 Resp: 574476
Ion Ratio Lower Upper
284 100
142 33.4 27.1 40.7
249 31.2 25.1 37.7

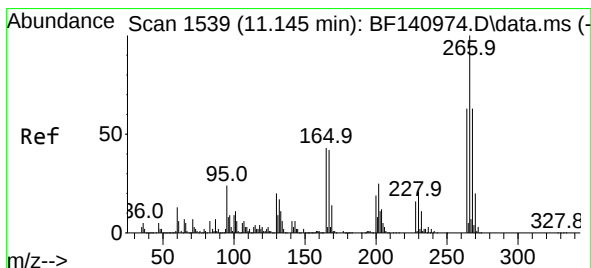
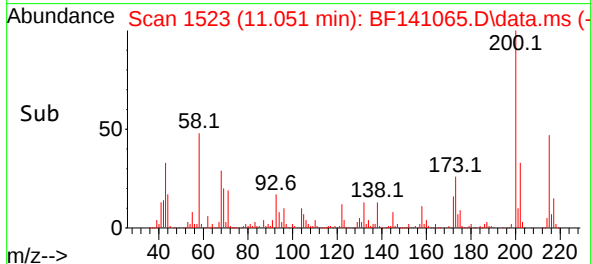
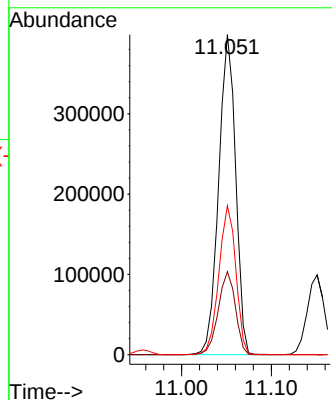
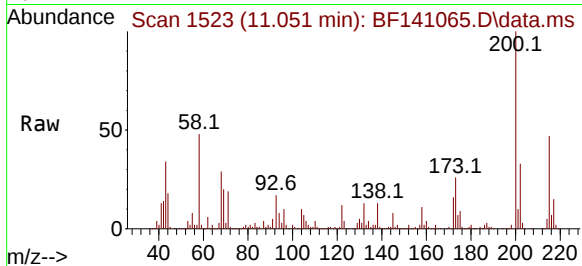




#69
 Atrazine
 Concen: 63.950 ng
 RT: 11.051 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

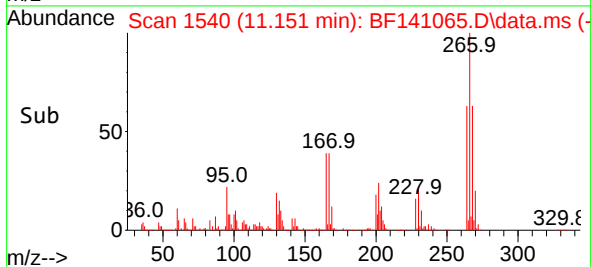
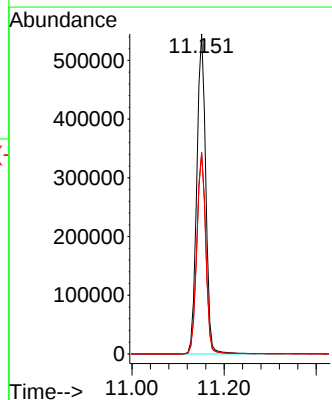
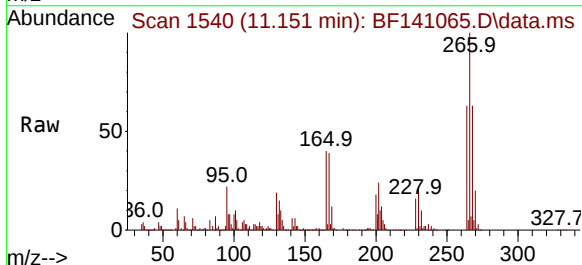
Instrument :
 BNA_F
 ClientSampleId :
 PB165945BS

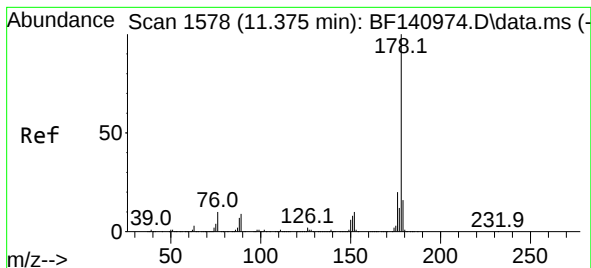
Tgt Ion:200 Resp: 523276
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.4 46.4
 215 46.5 27.2 67.2



#70
 Pentachlorophenol
 Concen: 106.719 ng
 RT: 11.151 min Scan# 1540
 Delta R.T. 0.006 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

Tgt Ion:266 Resp: 736673
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.5 75.7
 264 63.0 50.2 75.4





#71

Phenanthrene

Concen: 49.805 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

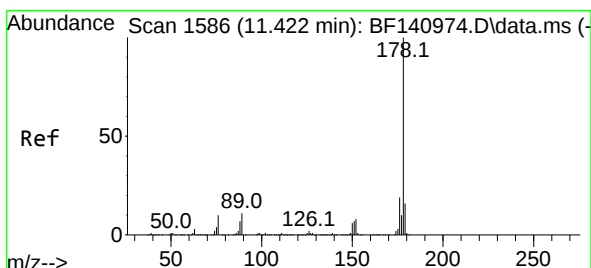
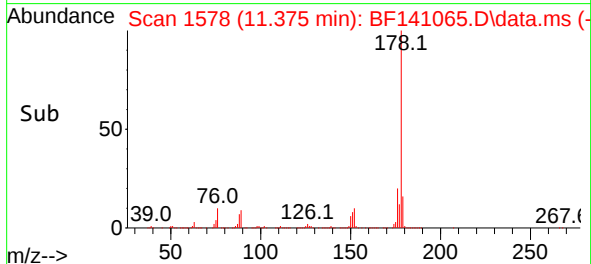
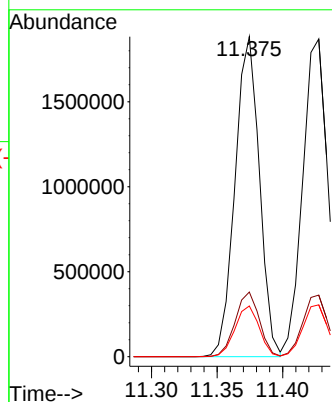
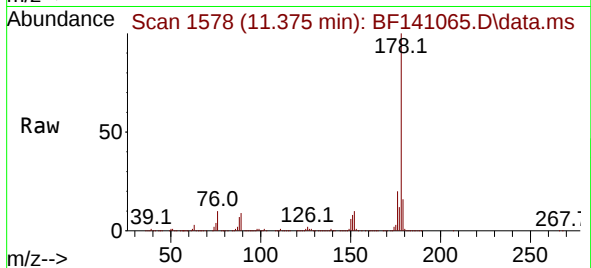
Tgt Ion:178 Resp: 2438164

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

179 15.9 12.6 19.0



#72

Anthracene

Concen: 51.244 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

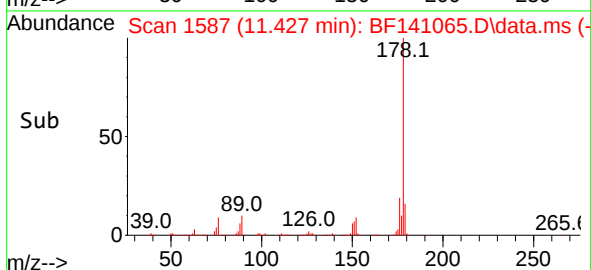
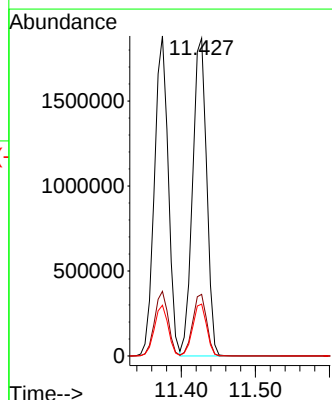
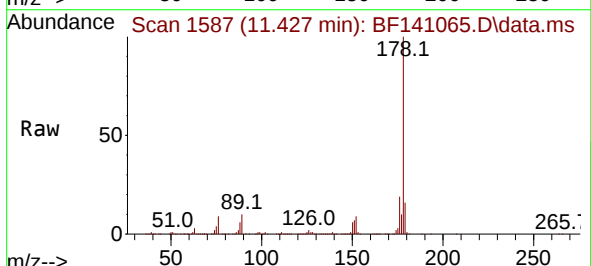
Tgt Ion:178 Resp: 2458121

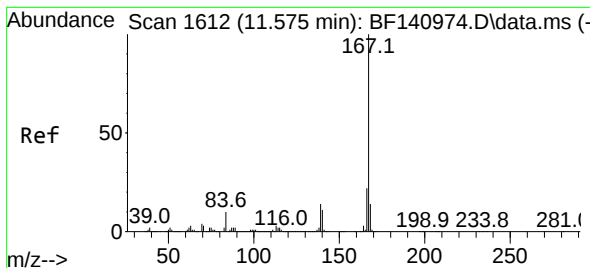
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.3 12.9 19.3





#73

Carbazole

Concen: 48.149 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

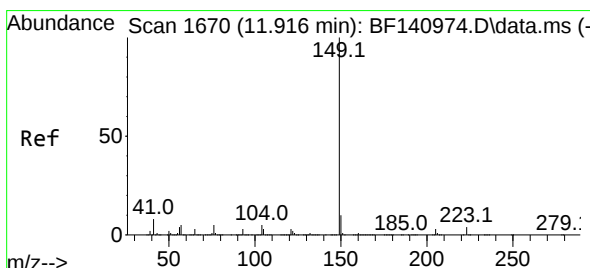
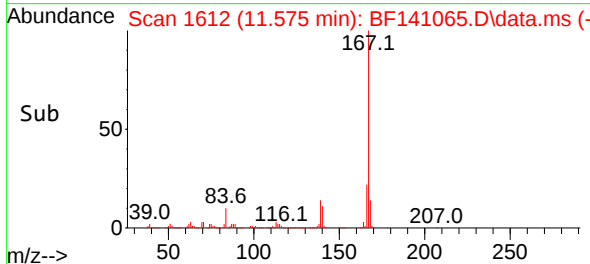
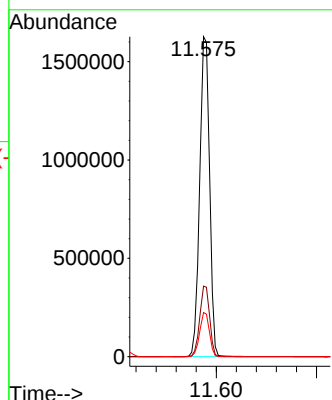
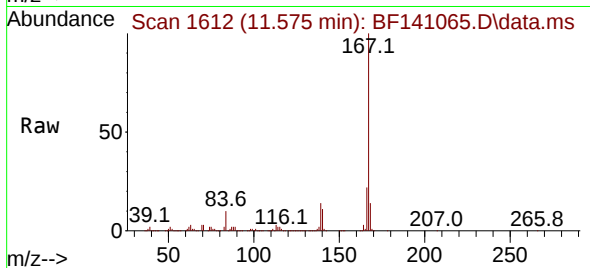
BNA_F

ClientSampleId :

PB165945BS

Tgt Ion:167 Resp: 2220304

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.8	11.0	16.4



#74

Di-n-butylphthalate

Concen: 49.151 ng

RT: 11.910 min Scan# 1669

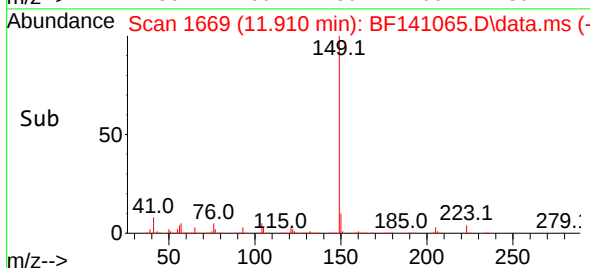
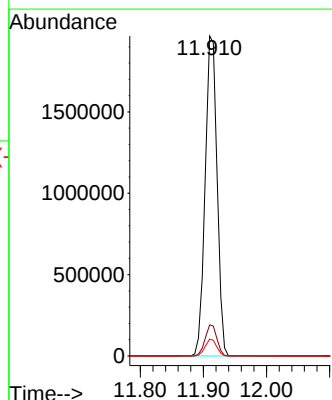
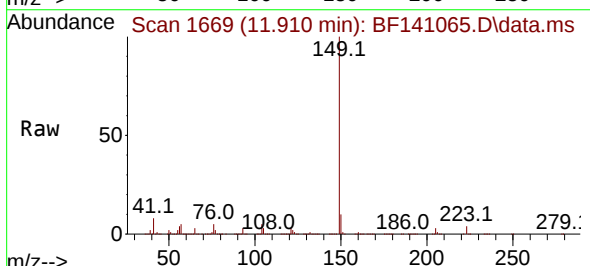
Delta R.T. -0.006 min

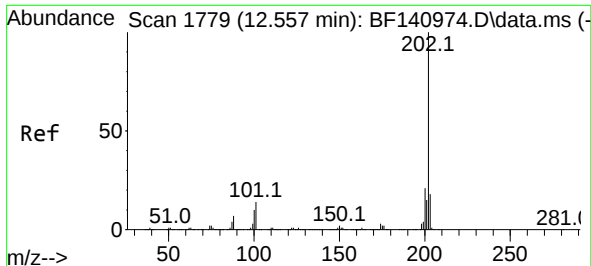
Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Tgt Ion:149 Resp: 2577929

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	4.1	6.1

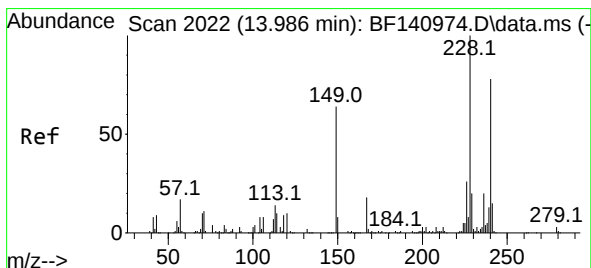
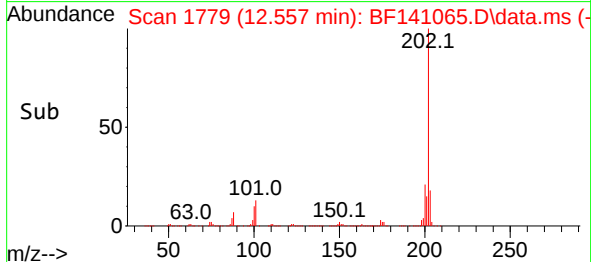
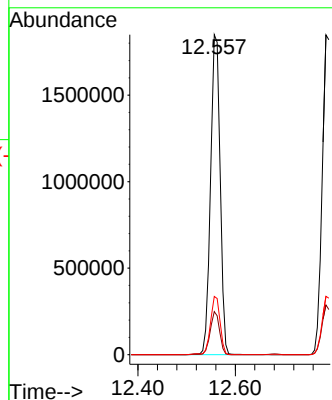
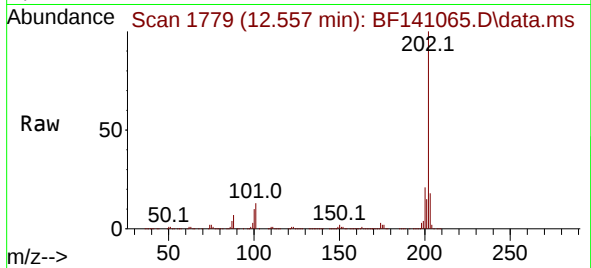




#75
Fluoranthene
Concen: 47.298 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

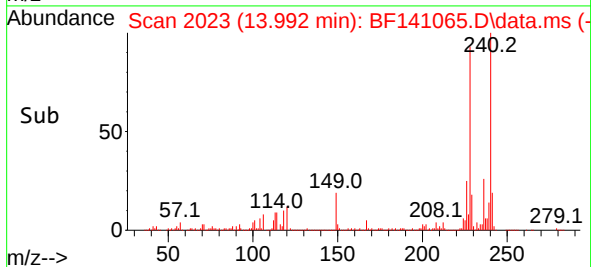
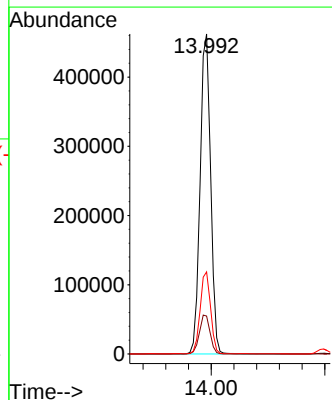
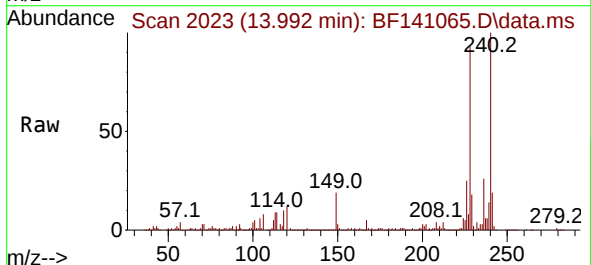
Instrument :
BNA_F
ClientSampleId :
PB165945BS

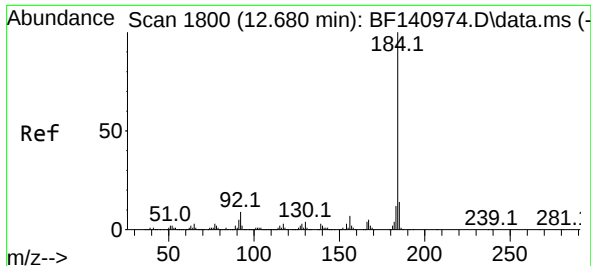
Tgt Ion:202 Resp: 2511239
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.7
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

Tgt Ion:240 Resp: 595107
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 25.7 20.6 31.0

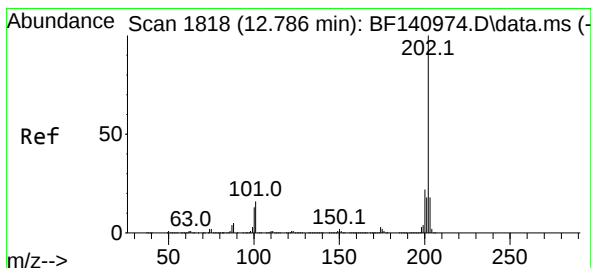
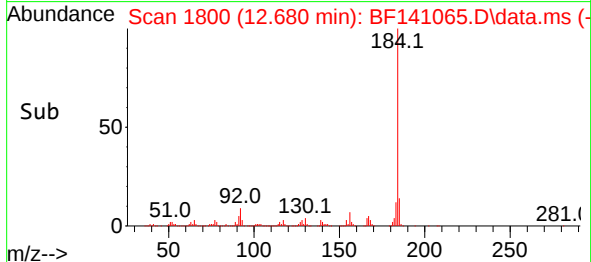
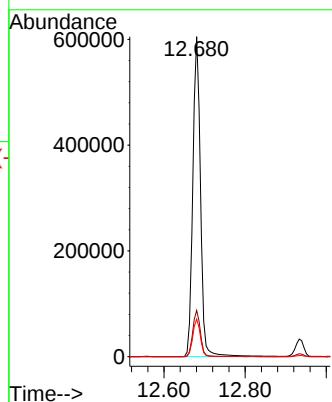
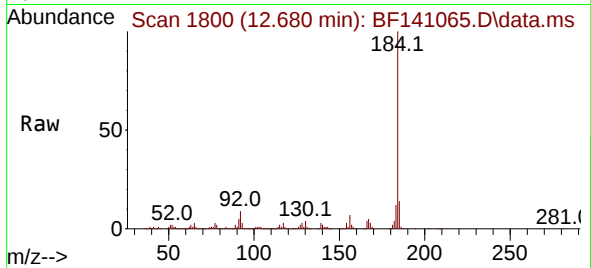




#77
Benzidine
Concen: 63.216 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

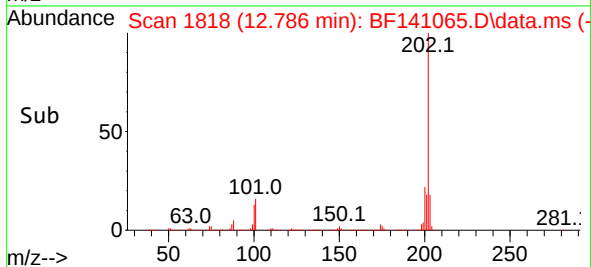
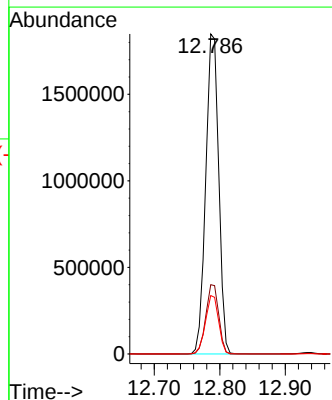
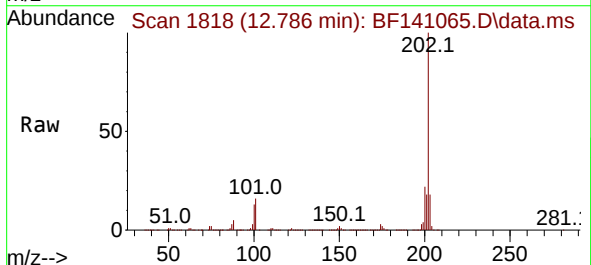
Instrument :
BNA_F
ClientSampleId :
PB165945BS

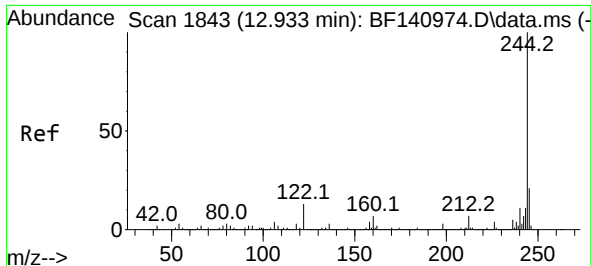
Tgt Ion:184 Resp: 795068
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.8 9.4 14.0



#78
Pyrene
Concen: 48.925 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141065.D
Acq: 03 Jan 2025 14:03

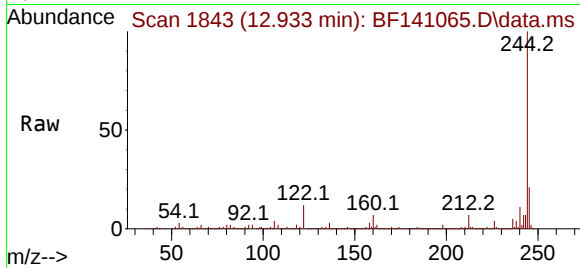
Tgt Ion:202 Resp: 2546390
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.3 14.6 21.8





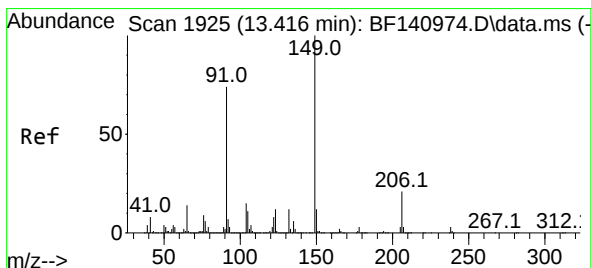
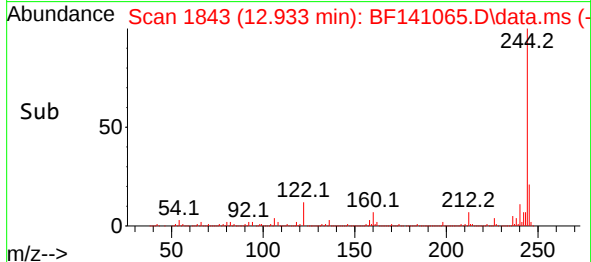
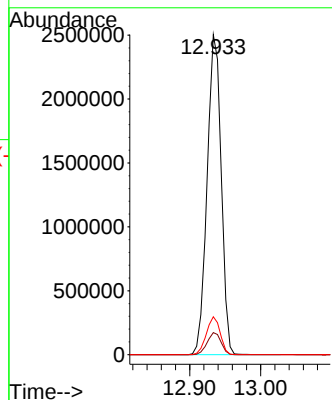
#79
 Terphenyl-d14
 Concen: 96.383 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB165945BS



Tgt Ion:244 Resp: 3453233

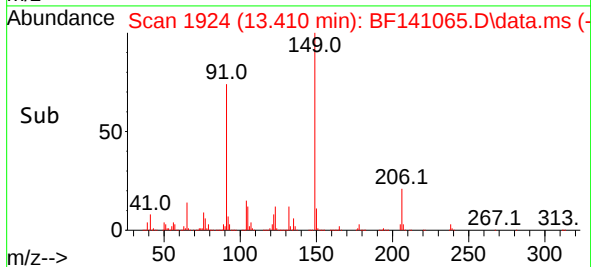
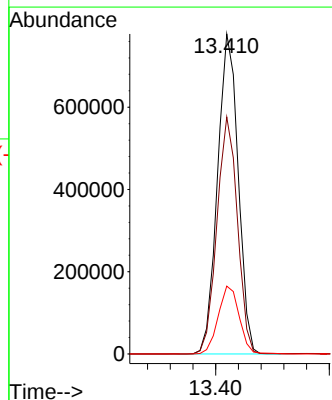
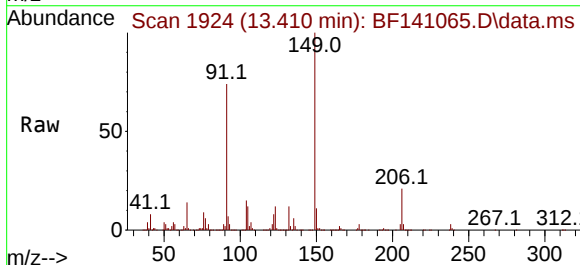
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.8	10.2	15.2

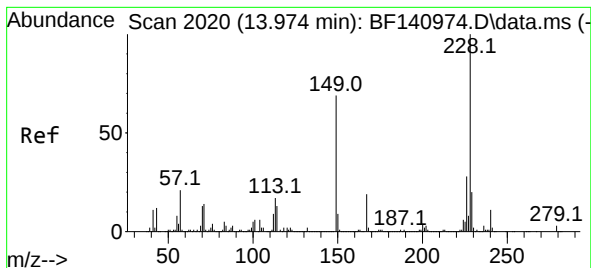


#80
 Butylbenzylphthalate
 Concen: 51.771 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141065.D
 Acq: 03 Jan 2025 14:03

Tgt Ion:149 Resp: 983900

Ion	Ratio	Lower	Upper
149	100		
91	74.1	59.5	89.3
206	21.2	17.1	25.7





#81

Benzo(a)anthracene

Concen: 46.026 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

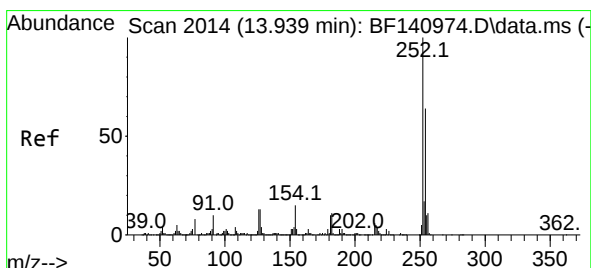
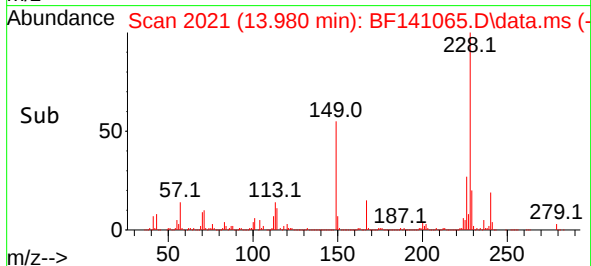
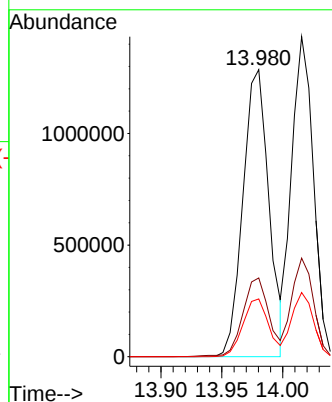
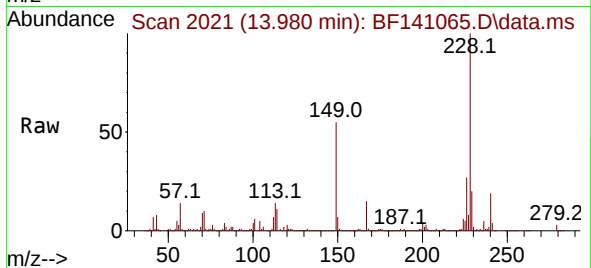
Tgt Ion:228 Resp: 1908968

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 35.727 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

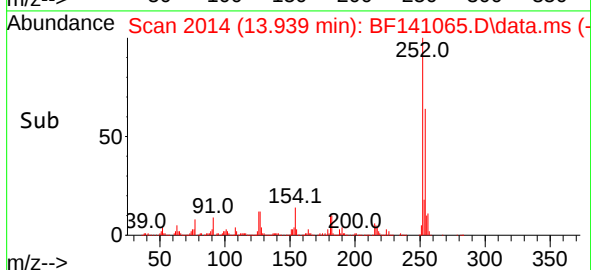
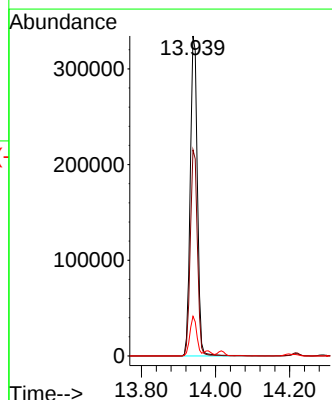
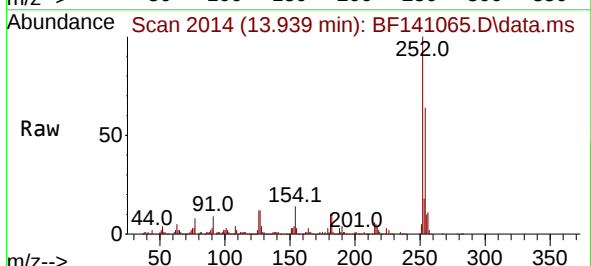
Tgt Ion:252 Resp: 445199

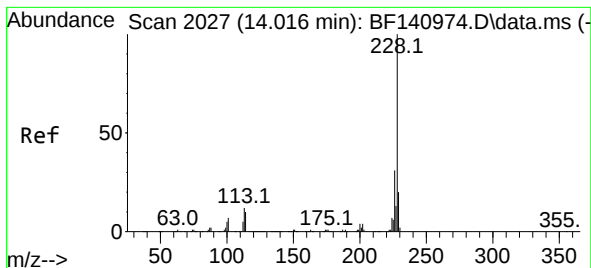
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 12.4 10.3 15.5





#83

Chrysene

Concen: 47.894 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

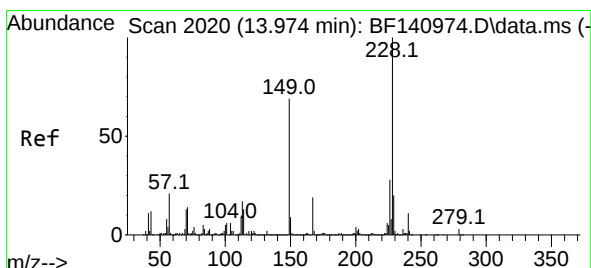
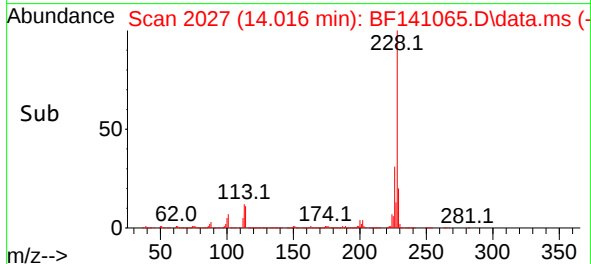
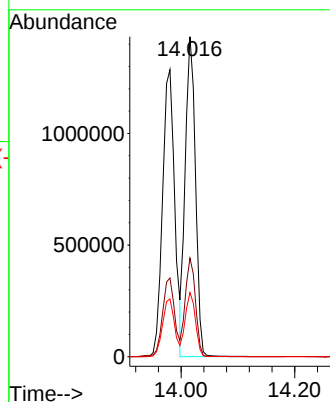
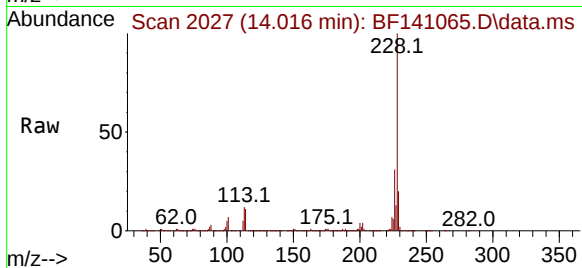
Tgt Ion:228 Resp: 1790682

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.010 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

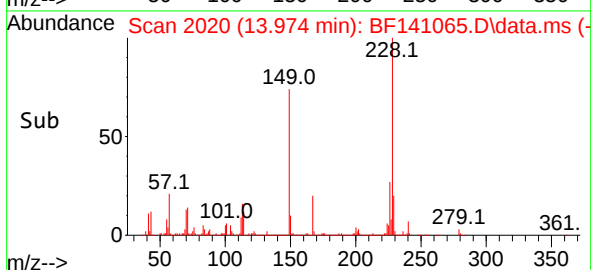
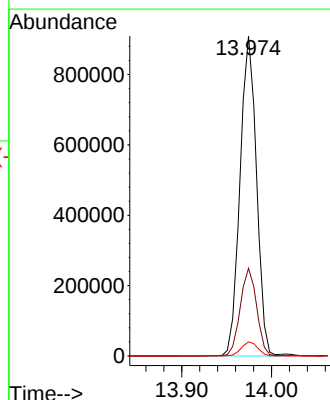
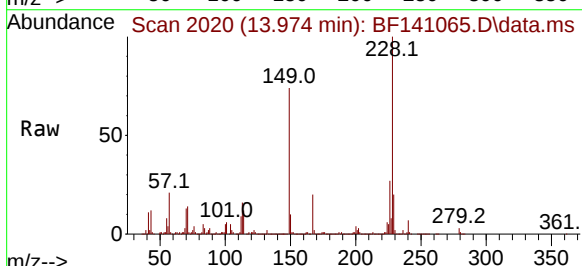
Tgt Ion:149 Resp: 1158907

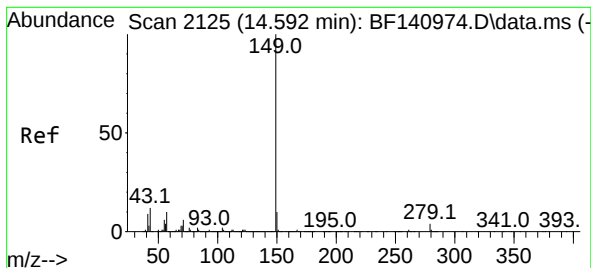
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.676 ng

RT: 14.604 min Scan# 2125

Delta R.T. 0.012 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

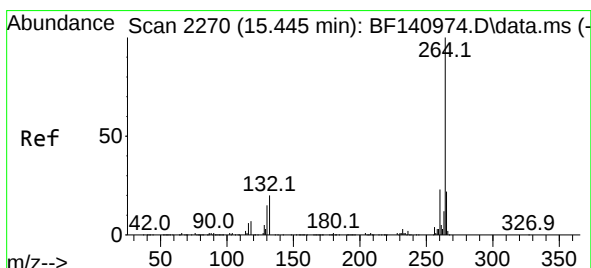
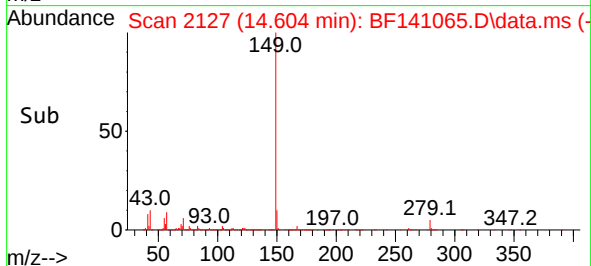
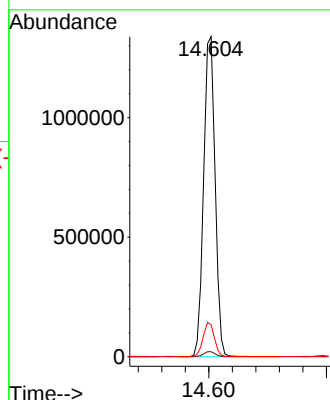
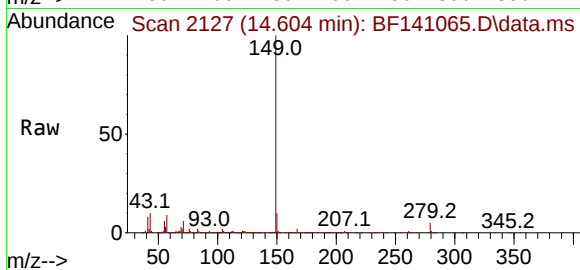
Tgt Ion:149 Resp: 1808132

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

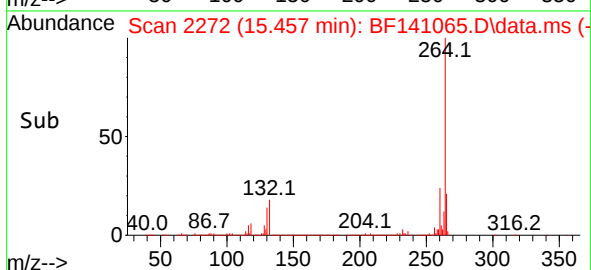
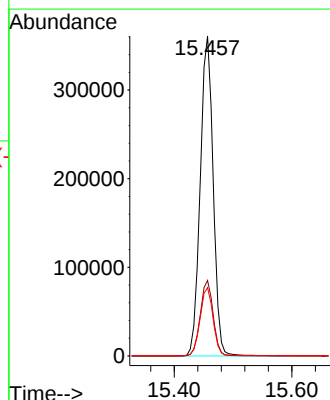
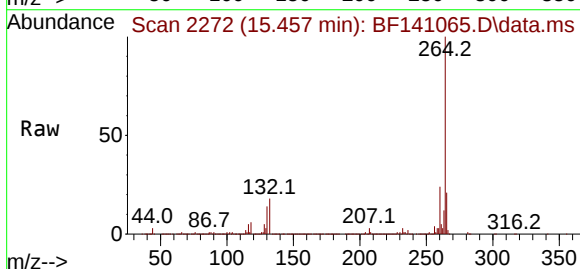
Tgt Ion:264 Resp: 551132

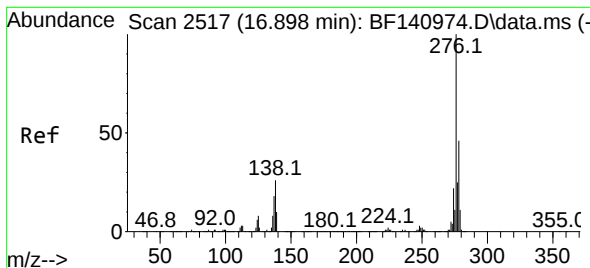
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.758 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

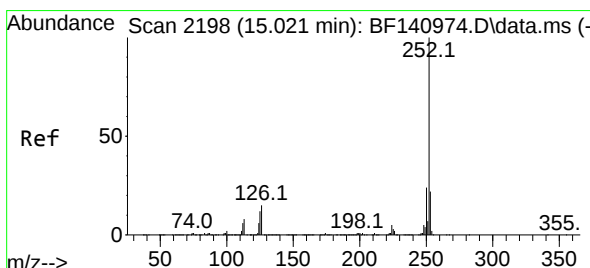
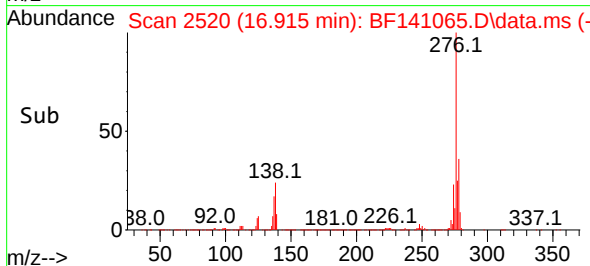
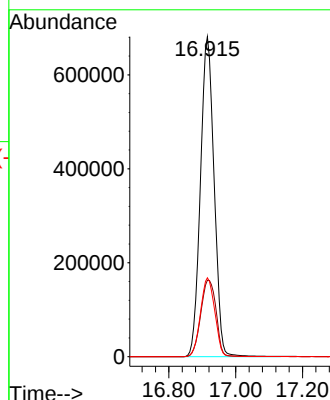
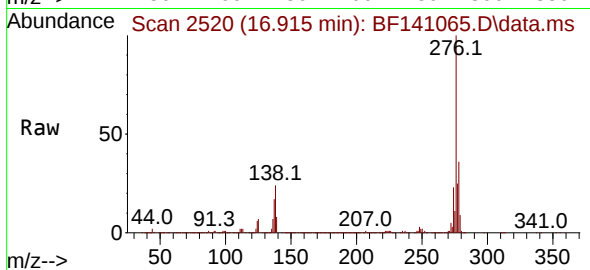
Tgt Ion:276 Resp: 1936057

Ion Ratio Lower Upper

276 100

138 26.8 23.1 34.7

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.792 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

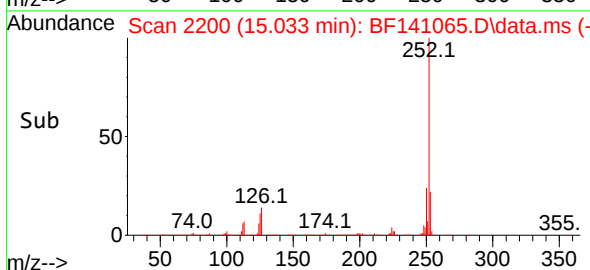
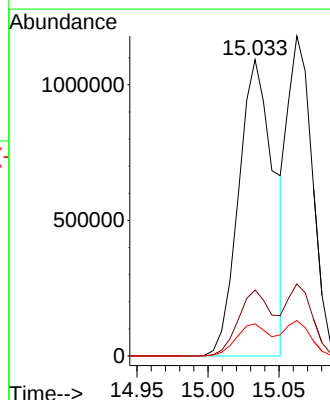
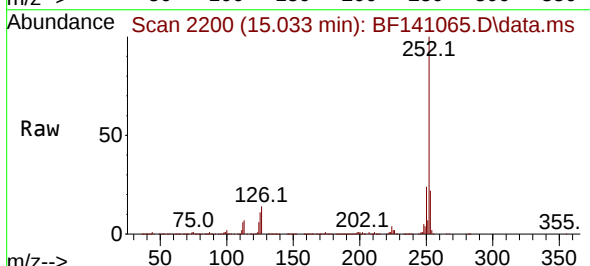
Tgt Ion:252 Resp: 1875492

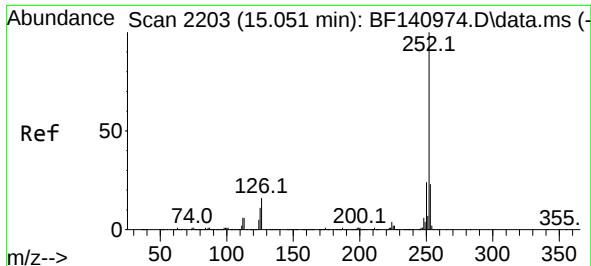
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.8 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 48.013 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

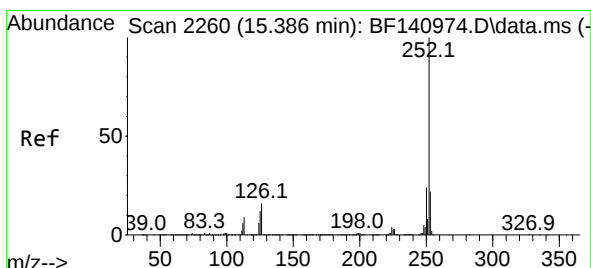
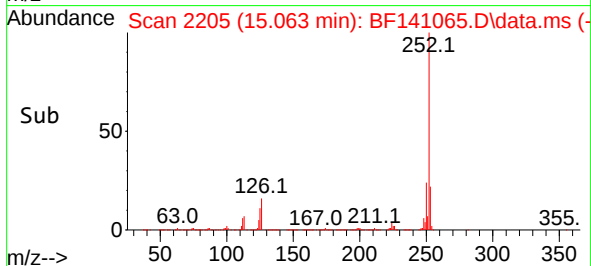
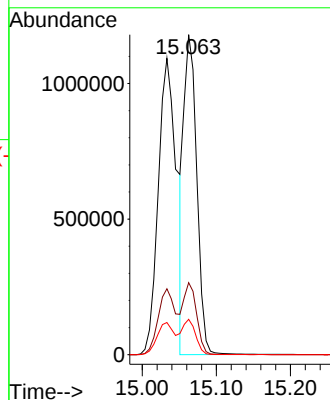
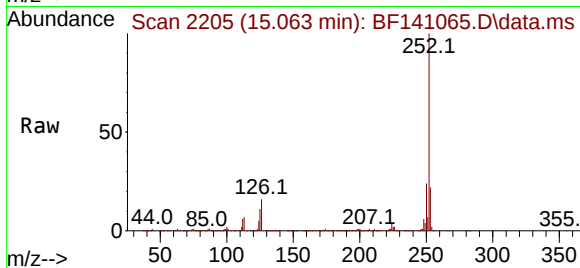
Tgt Ion:252 Resp: 1446451

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 51.917 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

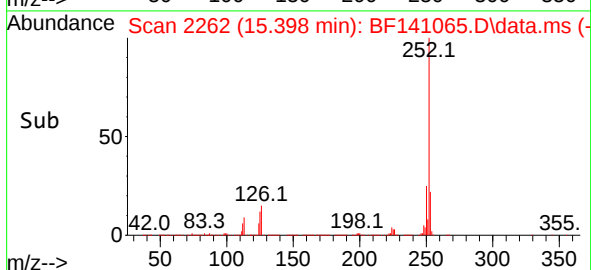
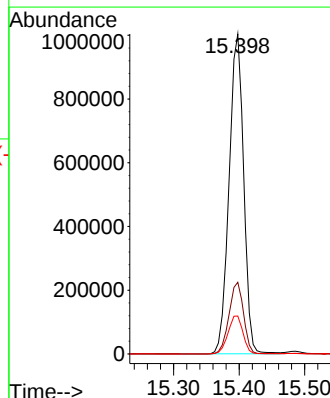
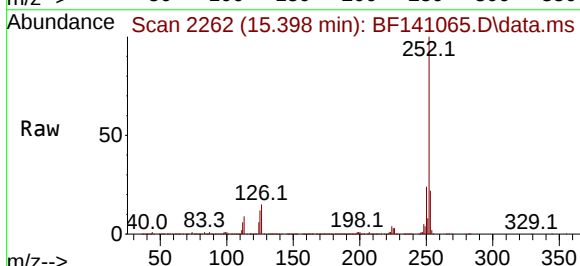
Tgt Ion:252 Resp: 1548930

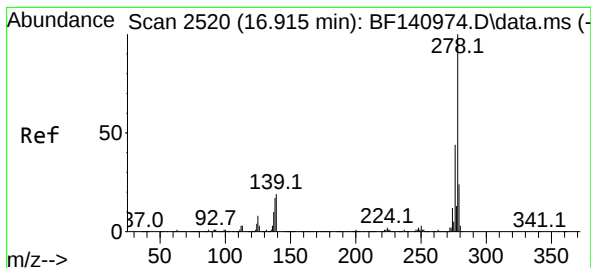
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 55.572 ng

RT: 16.939 min Scan# 2524

Delta R.T. 0.024 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Instrument :

BNA_F

ClientSampleId :

PB165945BS

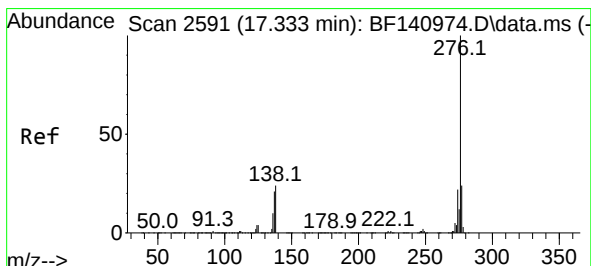
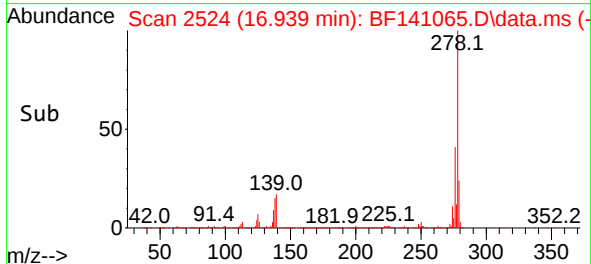
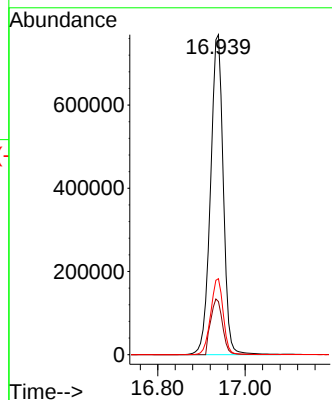
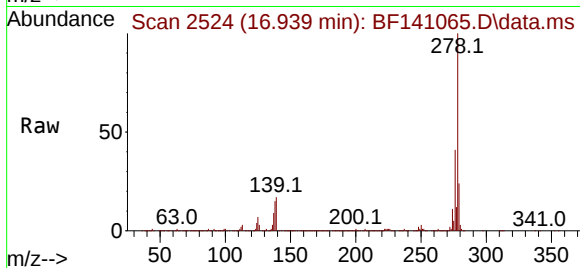
Tgt Ion:278 Resp: 1564146

Ion Ratio Lower Upper

278 100

139 16.6 14.9 22.3

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 50.458 ng

RT: 17.357 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF141065.D

Acq: 03 Jan 2025 14:03

Tgt Ion:276 Resp: 1473013

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.7 19.4 29.2

