

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141159.D
 Acq On : 14 Jan 2025 21:16
 Operator : RC/JU
 Sample : Q1068-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

Quant Time: Jan 15 00:14:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159697	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	597490	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	276953	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	378415	20.000	ng	0.00
76) Chrysene-d12	13.986	240	313360	20.000	ng	0.00
86) Perylene-d12	15.451	264	270754	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	737144	71.306	ng	0.00
7) Phenol-d6	6.445	99	1069688	81.688	ng	0.00
23) Nitrobenzene-d5	7.381	82	689648	61.185	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	105287	33.364	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1215675	67.029	ng	0.00
79) Terphenyl-d14	12.933	244	1025474	48.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	109172	23.715	ng	99
3) Pyridine	3.334	79	271611	24.060	ng	99
4) n-Nitrosodimethylamine	3.275	42	157019	28.446	ng	98
6) Aniline	6.481	93	194509	16.730	ng	97
8) 2-Chlorophenol	6.604	128	314402	28.347	ng	96
9) Benzaldehyde	6.369	77	44700	5.796	ng	95
10) Phenol	6.463	94	405852	28.953	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	313869	30.045	ng	97
12) 1,3-Dichlorobenzene	6.763	146	342921	27.722	ng	99
13) 1,4-Dichlorobenzene	6.840	146	351773	28.220	ng	99
14) 1,2-Dichlorobenzene	6.992	146	335995	28.896	ng	97
15) Benzyl Alcohol	6.957	79	292587	30.939	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	427345	29.315	ng	98
17) 2-Methylphenol	7.069	107	266970	29.815	ng	99
18) Hexachloroethane	7.334	117	117164	25.991	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	229727	29.782	ng	99
20) 3+4-Methylphenols	7.222	107	334453	29.606	ng	# 88
22) Acetophenone	7.228	105	450535	31.719	ng	96
24) Nitrobenzene	7.404	77	342822	29.183	ng	99
25) Isophorone	7.639	82	614561	31.904	ng	99
26) 2-Nitrophenol	7.716	139	111720	20.907	ng	97
27) 2,4-Dimethylphenol	7.751	122	264173	36.651	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	377543	31.231	ng	99
29) 2,4-Dichlorophenol	7.957	162	237655	27.762	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	282368	28.857	ng	99
31) Naphthalene	8.128	128	980838	31.129	ng	99
33) 4-Chloroaniline	8.169	127	163530	15.007	ng	99
34) Hexachlorobutadiene	8.245	225	175047	29.689	ng	100
35) Caprolactam	8.522	113	74963	26.747	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	271282	28.976	ng	98
37) 2-Methylnaphthalene	8.816	142	619371	30.847	ng	100
38) 1-Methylnaphthalene	8.916	142	570669	28.839	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	274019	34.472	ng	100
41) Hexachlorocyclopentadiene	8.969	237	54170	20.829	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	92751	17.300	ng	98
44) 2,4,5-Trichlorophenol	9.133	196	125997	22.253	ng	99

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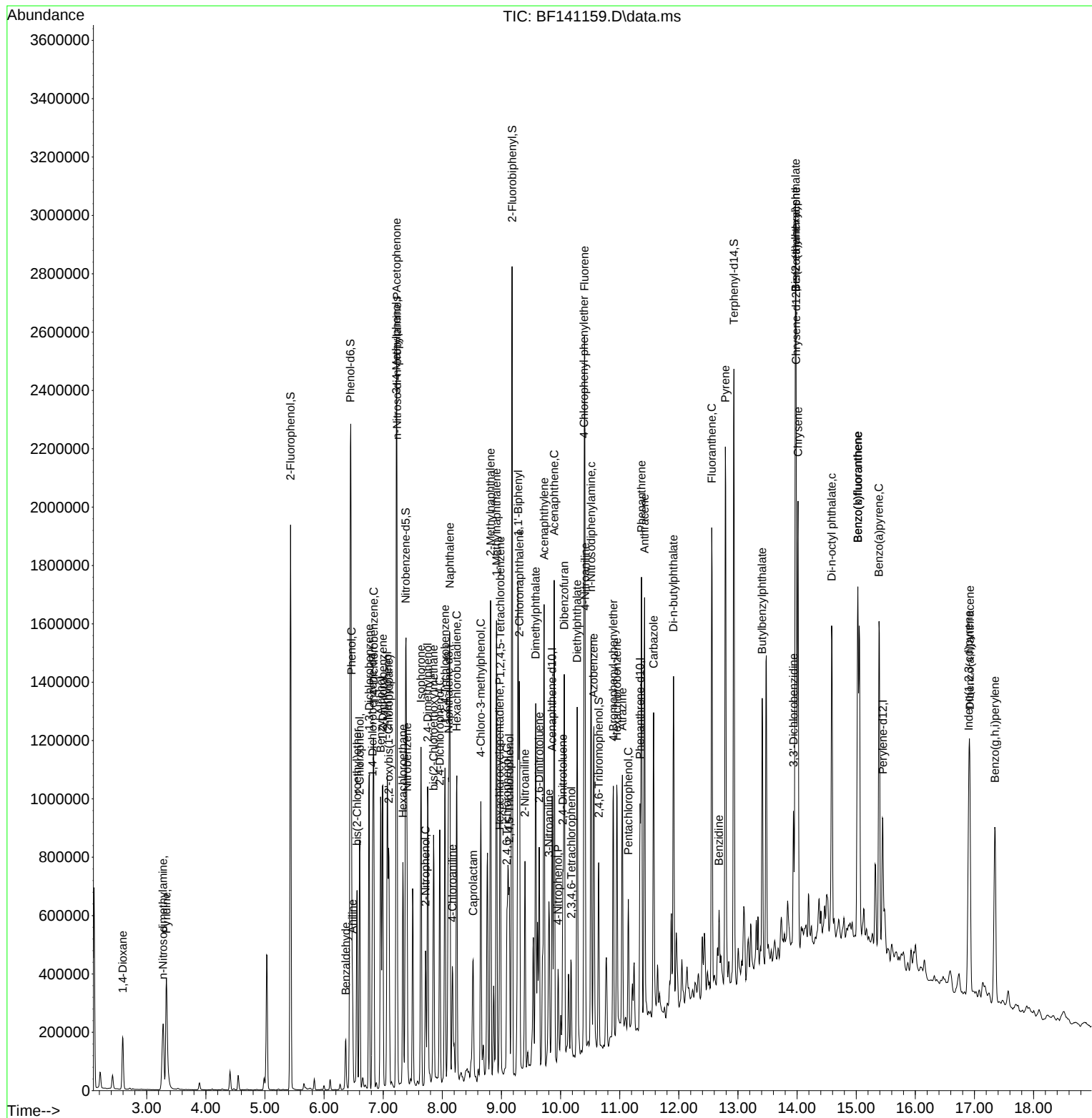
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.281	154	731201	33.996	ng	99
47) 2-Chloronaphthalene	9.304	162	529765	31.624	ng	99
48) 2-Nitroaniline	9.398	65	162538	32.731	ng	100
49) Acenaphthylene	9.722	152	940175	39.282	ng	100
50) Dimethylphthalate	9.581	163	629551	33.860	ng	100
51) 2,6-Dinitrotoluene	9.639	165	126808	29.328	ng	95
52) Acenaphthene	9.892	154	508055	30.384	ng	99
53) 3-Nitroaniline	9.804	138	116664	26.552	ng	97
55) Dibenzofuran	10.063	168	708420	31.147	ng	100
56) 4-Nitrophenol	9.957	139	71498	20.778	ng	92
57) 2,4-Dinitrotoluene	10.039	165	153859	27.612	ng	99
58) Fluorene	10.404	166	540967	30.615	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	55452	11.782	ng	# 78
60) Diethylphthalate	10.280	149	592887	32.663	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	261653	30.382	ng	95
62) 4-Nitroaniline	10.416	138	114019	26.513	ng	94
63) Azobenzene	10.557	77	567392	31.679	ng	99
66) n-Nitrosodiphenylamine	10.516	169	464955	38.094	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	154974	35.571	ng	100
68) Hexachlorobenzene	10.951	284	159863	32.963	ng	97
69) Atrazine	11.045	200	147638	44.923	ng	99
70) Pentachlorophenol	11.145	266	72280	23.272	ng	99
71) Phenanthrene	11.369	178	793990	39.082	ng	99
72) Anthracene	11.422	178	818690	41.444	ng	100
73) Carbazole	11.575	167	591661	32.665	ng	99
74) Di-n-butylphthalate	11.910	149	760422	36.684	ng	100
75) Fluoranthene	12.557	202	881452	43.478	ng	99
77) Benzidine	12.680	184	139419	23.992	ng	96
78) Pyrene	12.786	202	1075132	35.922	ng	100
80) Butylbenzylphthalate	13.410	149	301572	30.221	ng	99
81) Benzo(a)anthracene	13.980	228	867394	40.673	ng	94
82) 3,3'-Dichlorobenzidine	13.939	252	151012	22.238	ng	98
83) Chrysene	14.016	228	745700	37.370	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	411433	34.363	ng	99
85) Di-n-octyl phthalate	14.586	149	717369	39.677	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	639511	32.240	ng	97
88) Benzo(b)fluoranthene	15.027	252	781207	44.745	ng	100
89) Benzo(k)fluoranthene	15.027	252	781207	52.947	ng	100
90) Benzo(a)pyrene	15.386	252	714076	49.572	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	428753	26.724	ng	98
92) Benzo(g,h,i)perylene	17.345	276	561761	33.663	ng	99

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

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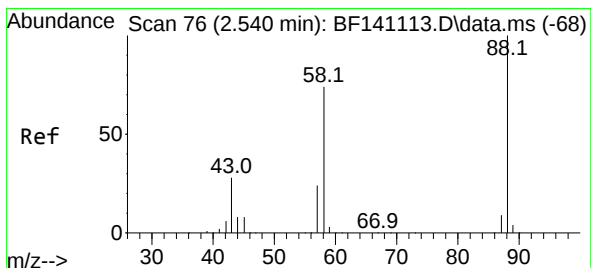
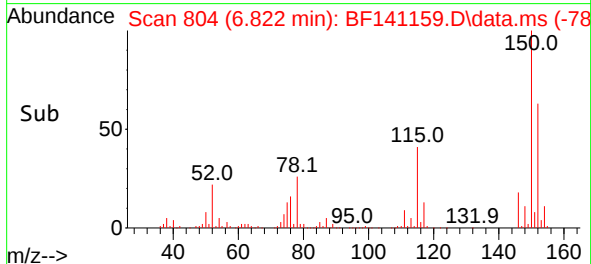
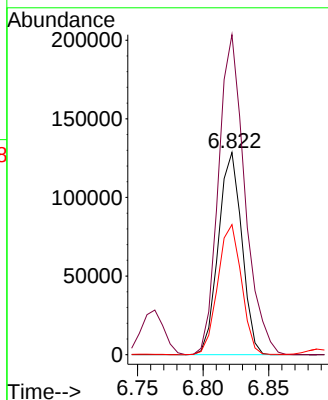
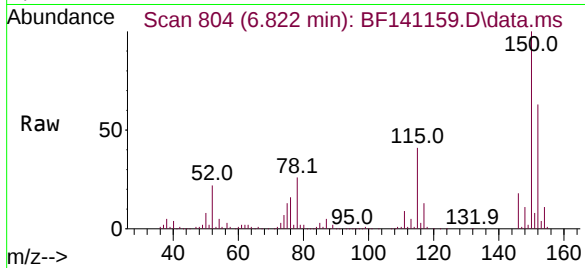




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

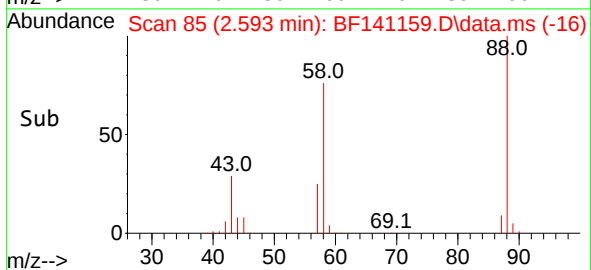
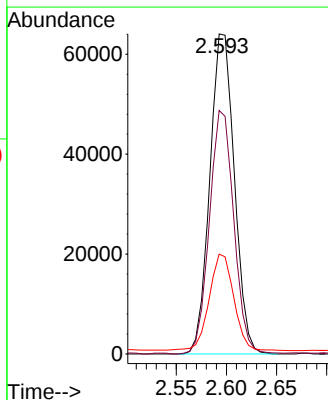
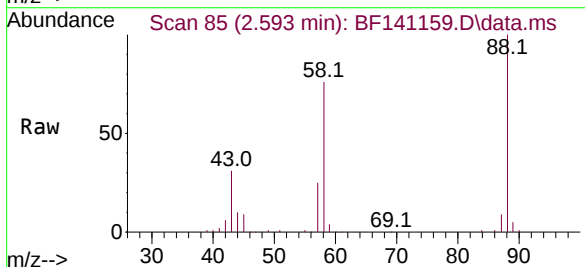
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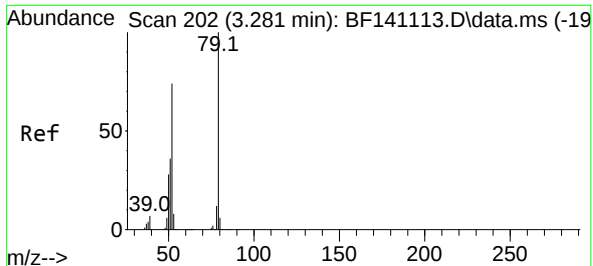
Tgt Ion:152 Resp: 159697
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.8 188.8
 115 64.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 23.715 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.053 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

Tgt Ion: 88 Resp: 109172
 Ion Ratio Lower Upper
 88 100
 58 75.7 60.1 90.1
 43 30.3 23.1 34.7

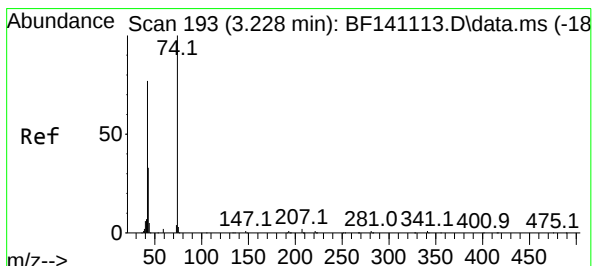
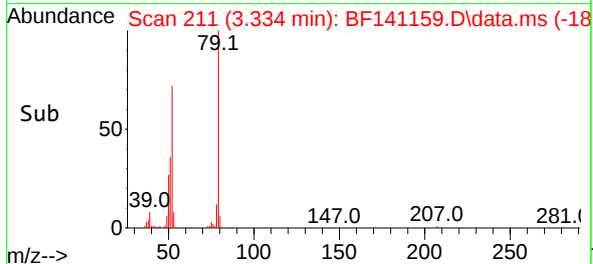
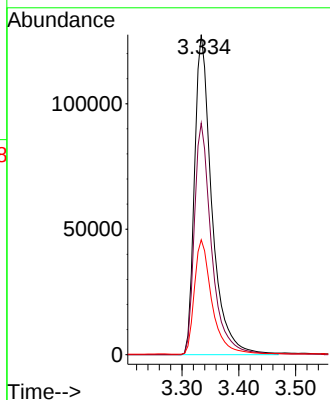
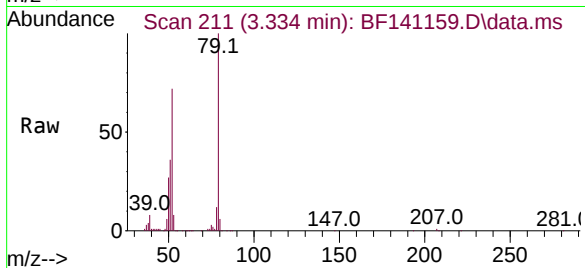




#3
Pyridine
Concen: 24.060 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

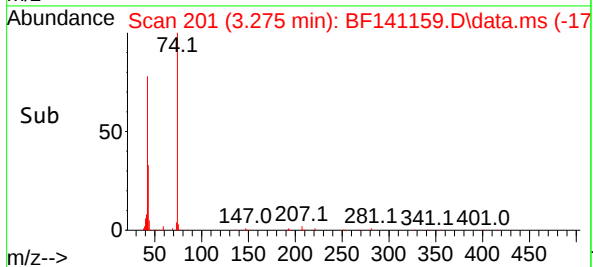
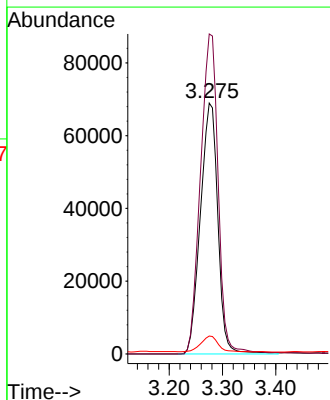
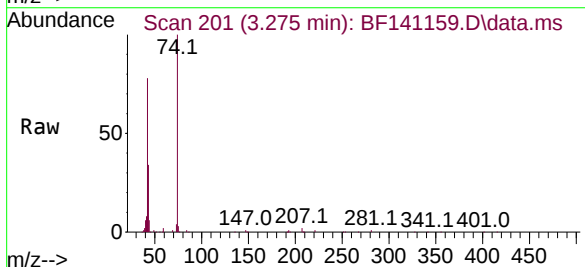
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BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 79 Resp: 271611
Ion Ratio Lower Upper
79 100
52 72.3 58.9 88.3
51 35.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 28.446 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 42 Resp: 157019
Ion Ratio Lower Upper
42 100
74 127.6 103.8 155.6
44 7.2 5.3 7.9

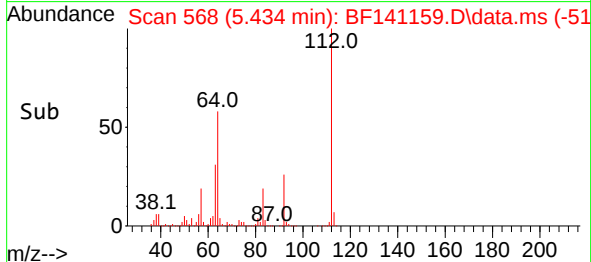
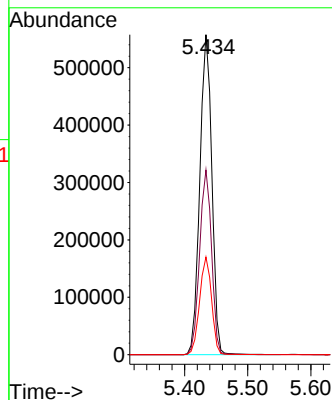
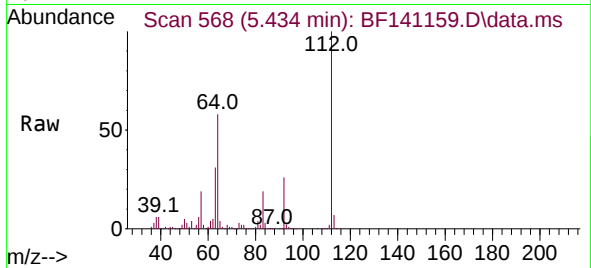




#5
2-Fluorophenol
Concen: 71.306 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

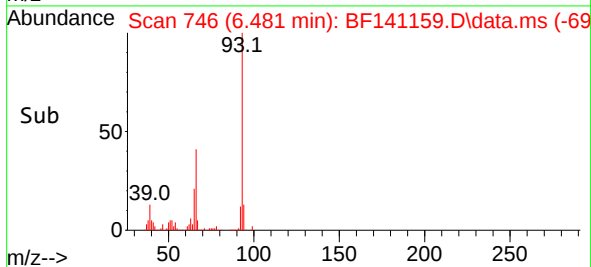
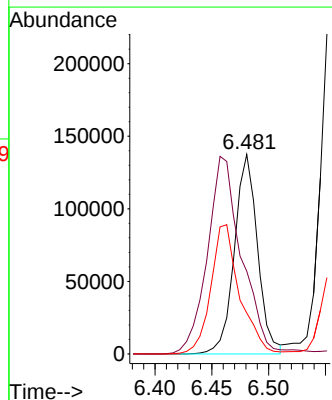
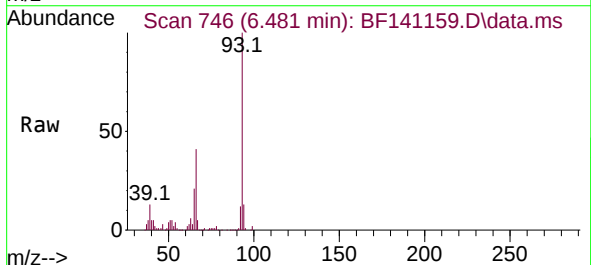
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:112 Resp: 737144
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 16.730 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 93 Resp: 194509
Ion Ratio Lower Upper
93 100
66 41.4 31.5 47.3
65 20.5 15.3 22.9



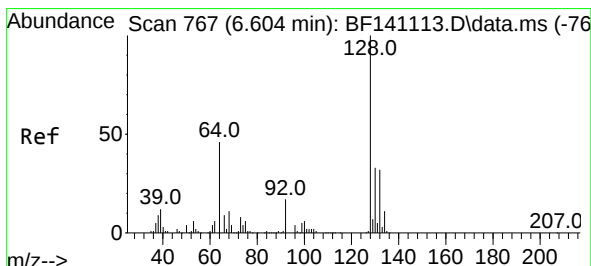
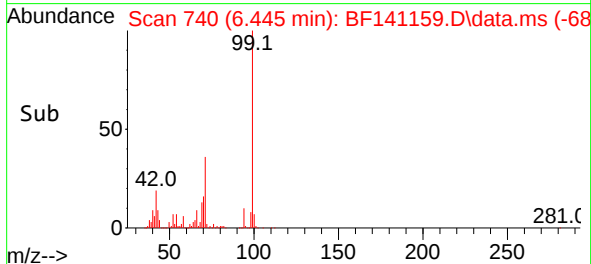
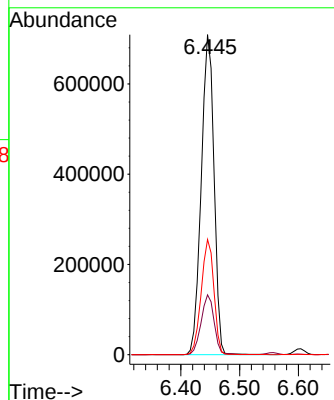
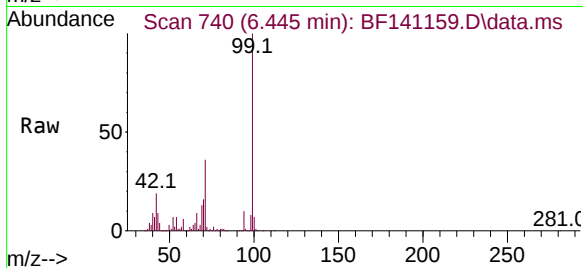


#7
Phenol-d6
Concen: 81.688 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141159.D
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Tgt Ion: 99 Resp: 1069688

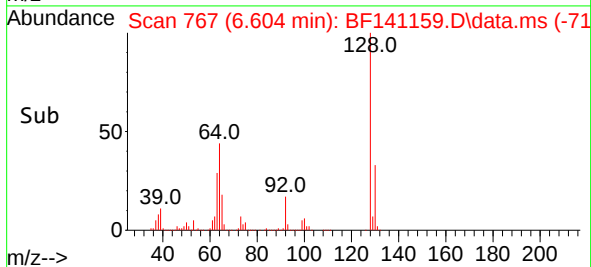
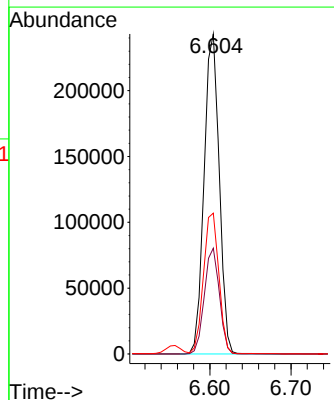
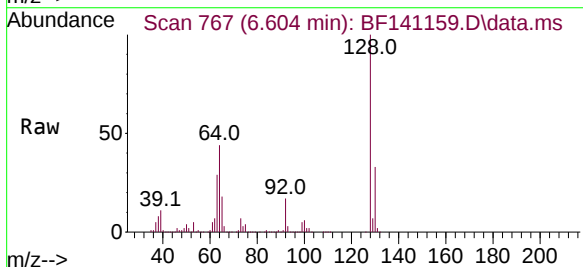
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.0	27.6	41.4



#8
2-Chlorophenol
Concen: 28.347 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141159.D
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Tgt Ion: 128 Resp: 314402

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	44.0	28.3	68.3

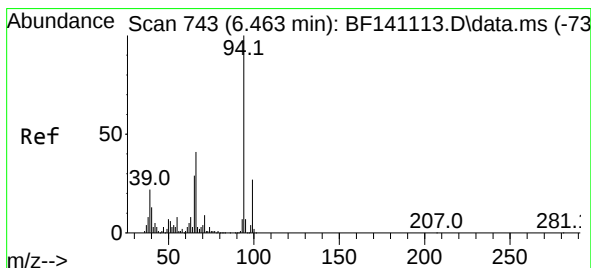
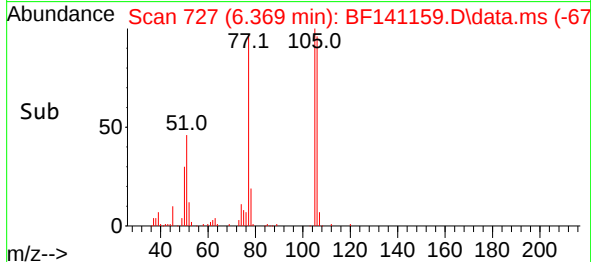
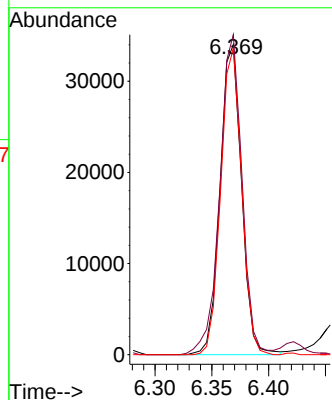
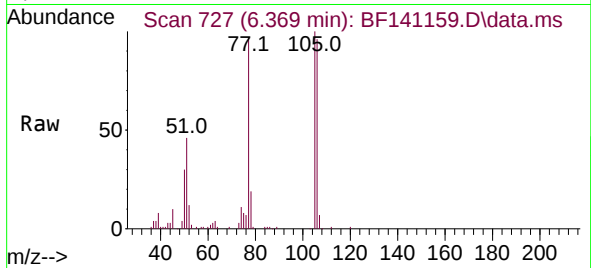




#9
Benzaldehyde
Concen: 5.796 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141159.D
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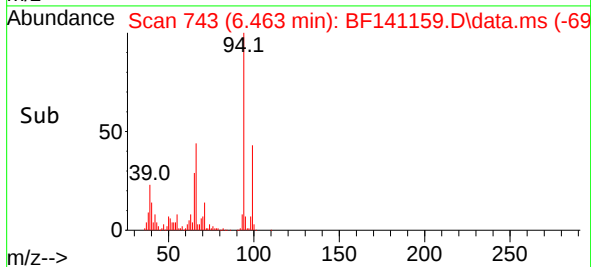
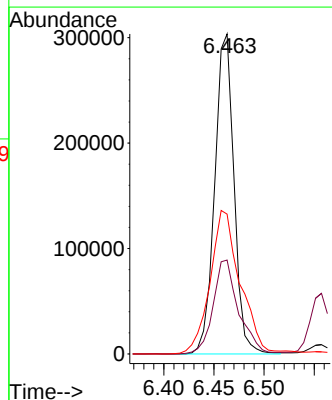
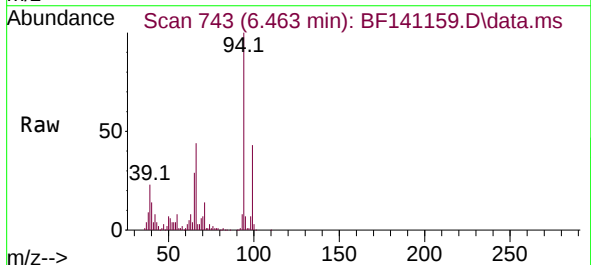
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Tgt Ion: 77 Resp: 44700
Ion Ratio Lower Upper
77 100
105 103.2 78.9 118.9
106 98.8 73.6 113.6



#10
Phenol
Concen: 28.953 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141159.D
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Tgt Ion: 94 Resp: 405852
Ion Ratio Lower Upper
94 100
65 29.4 8.9 48.9
66 43.7 21.2 61.2

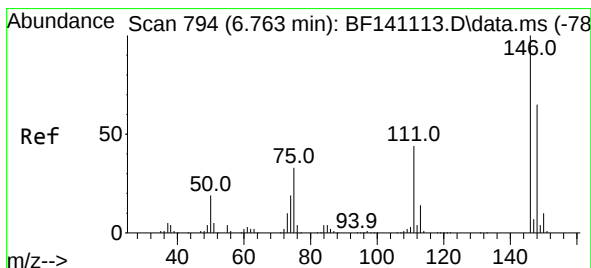
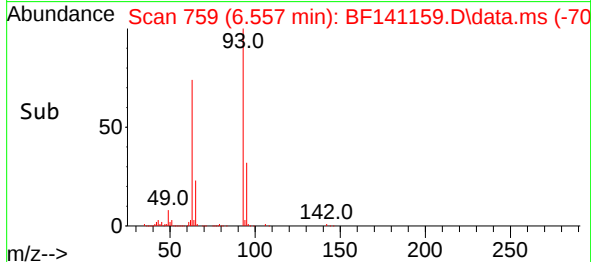
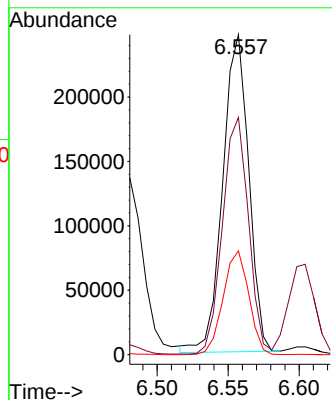
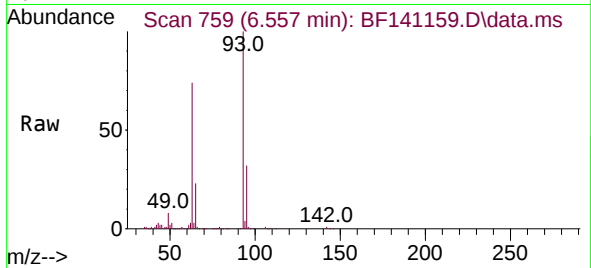




#11
bis(2-Chloroethyl)ether
Concen: 30.045 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.000 min
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Acq: 14 Jan 2025 21:16

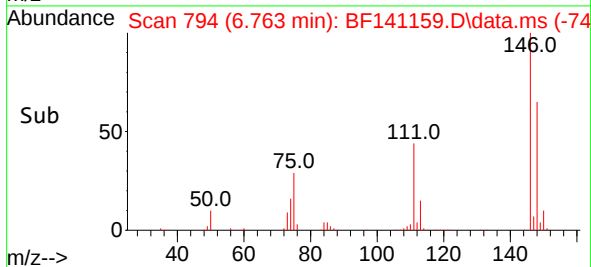
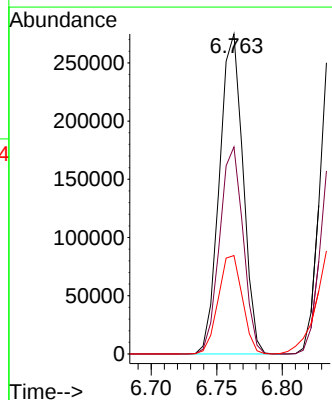
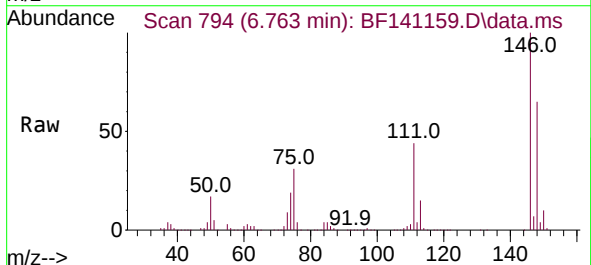
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 93 Resp: 313869
Ion Ratio Lower Upper
93 100
63 74.1 58.0 98.0
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 27.722 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:146 Resp: 342921
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
75 30.7 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 28.220 ng

RT: 6.840 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

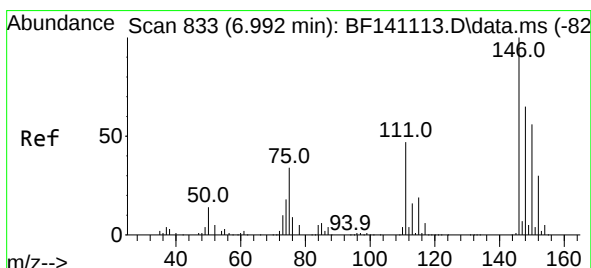
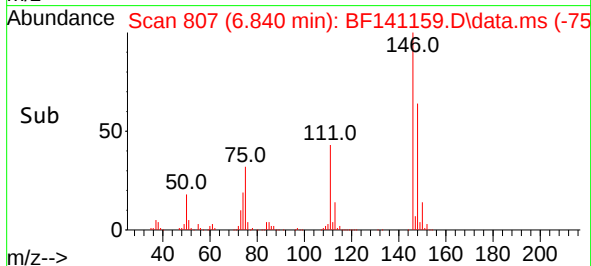
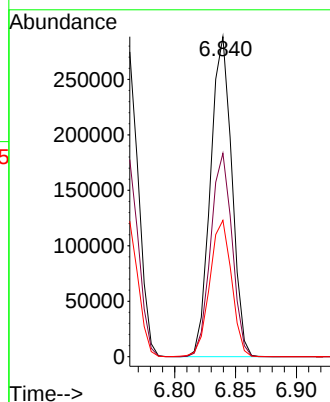
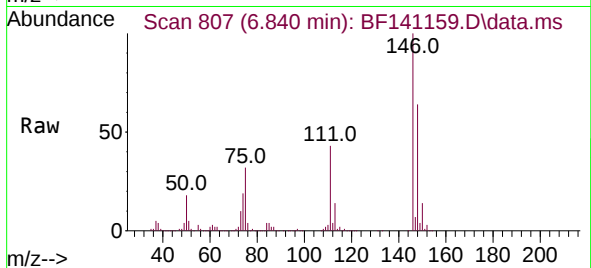
Tgt Ion:146 Resp: 351773

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 42.6 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 28.896 ng

RT: 6.992 min Scan# 833

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

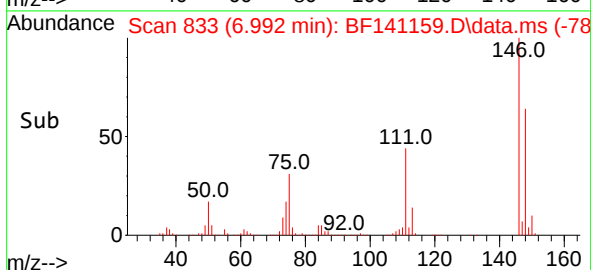
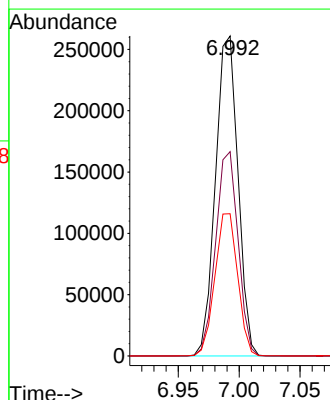
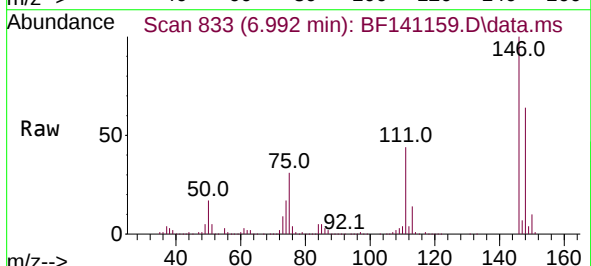
Tgt Ion:146 Resp: 335995

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 44.4 37.5 56.3

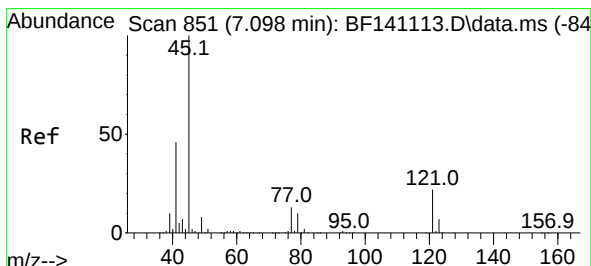
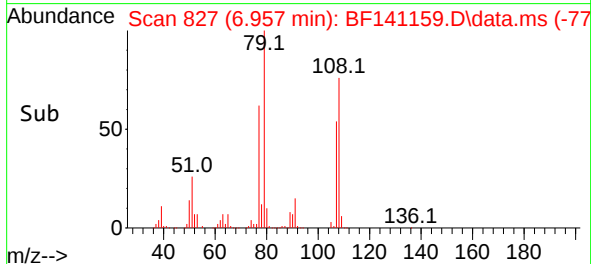
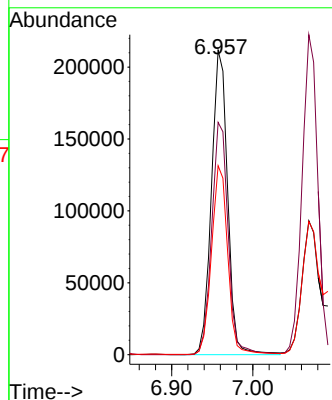
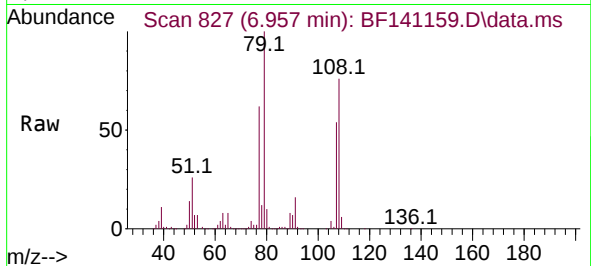




#15
Benzyl Alcohol
Concen: 30.939 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

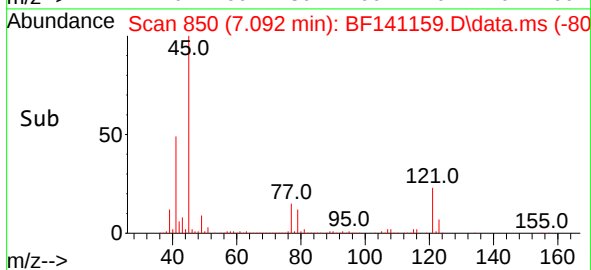
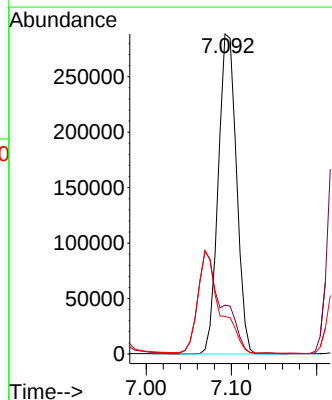
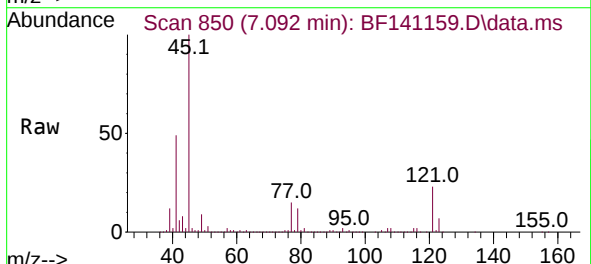
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

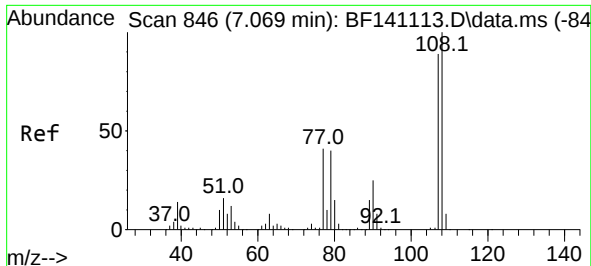
Tgt Ion: 79 Resp: 292587
Ion Ratio Lower Upper
79 100
108 76.3 61.4 92.0
77 62.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.315 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 45 Resp: 427345
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.1
79 11.7 0.0 31.0

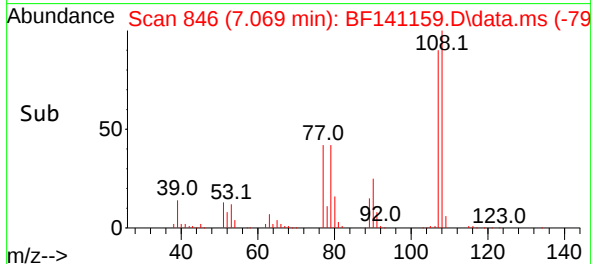
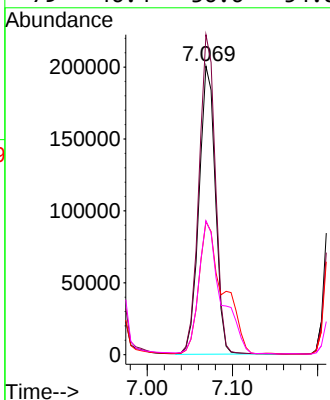
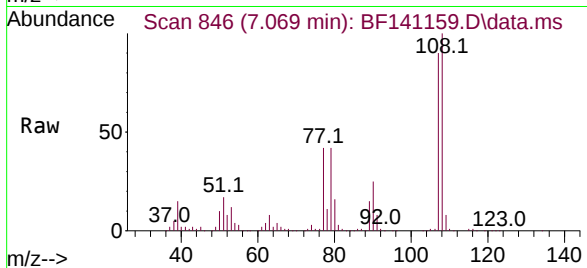




#17
2-Methylphenol
Concen: 29.815 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

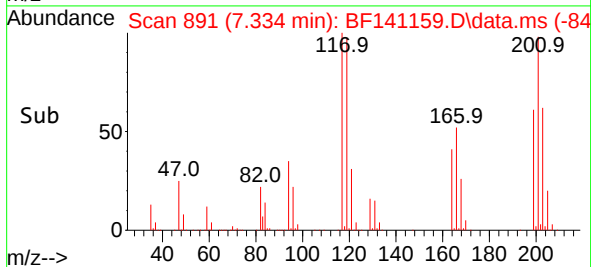
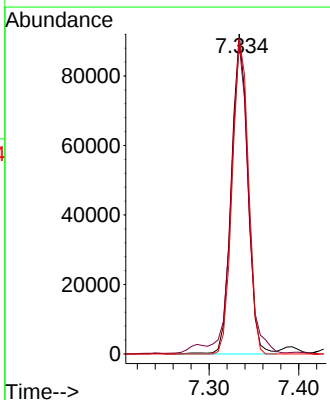
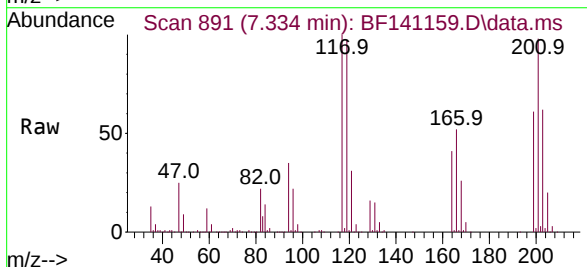
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

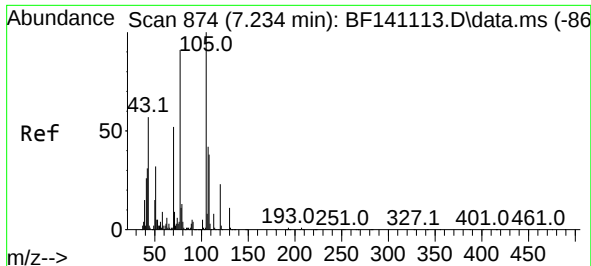
Tgt Ion:	107	Resp:	266970
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.1	135.1
77	46.2	36.6	55.0
79	46.4	36.6	54.8



#18
Hexachloroethane
Concen: 25.991 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:	117	Resp:	117164
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.6	116.4
201	98.5	75.1	112.7



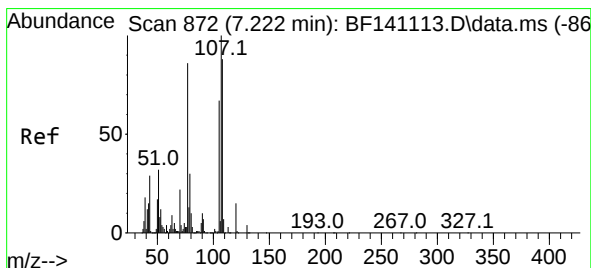
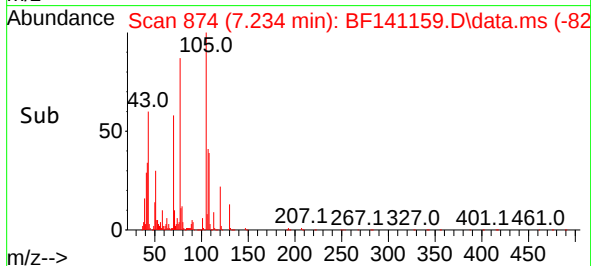
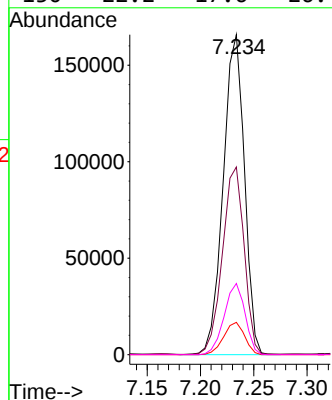
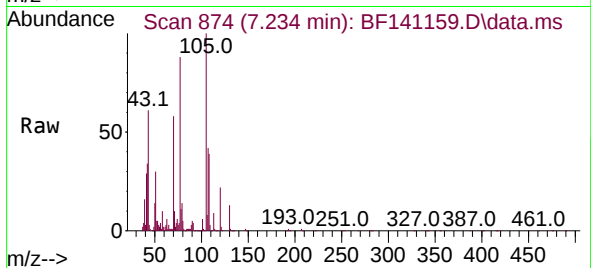


#19
n-Nitroso-di-n-propylamine
Concen: 29.782 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 70 Resp: 229727

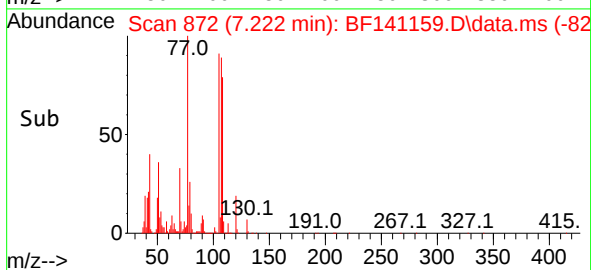
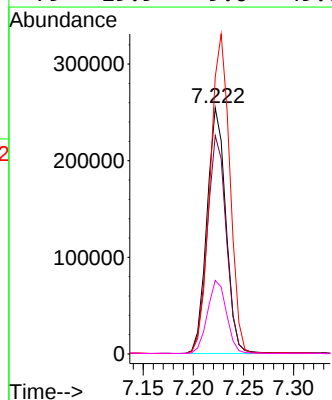
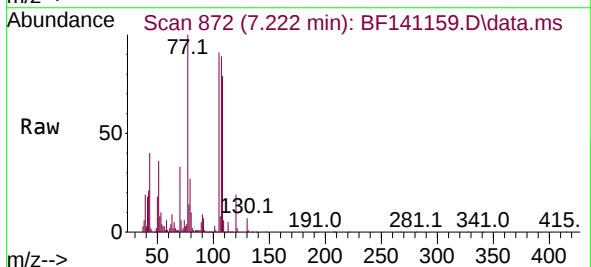
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.8	71.6
101	10.1	7.9	11.9
130	22.2	17.6	26.4

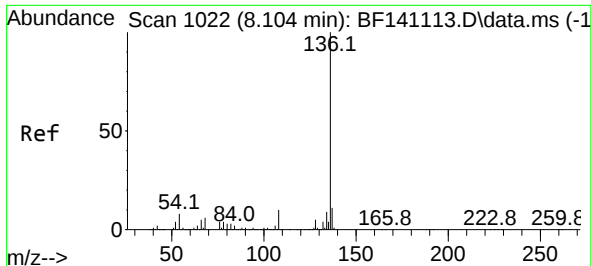


#20
3+4-Methylphenols
Concen: 29.606 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 107 Resp: 334453

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.3	108.3
77	112.5	66.4	106.4#
79	29.9	9.6	49.6

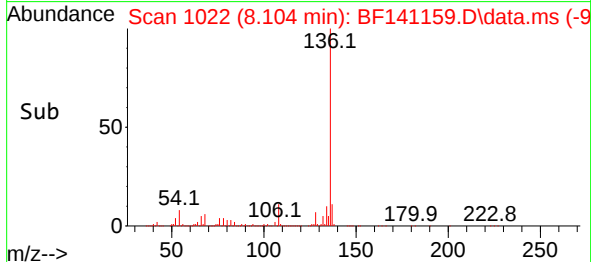
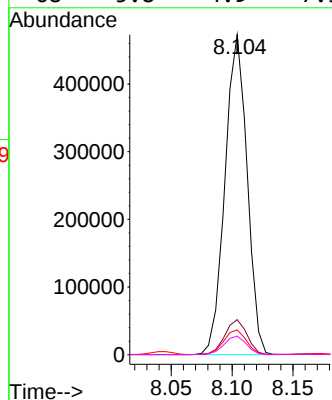
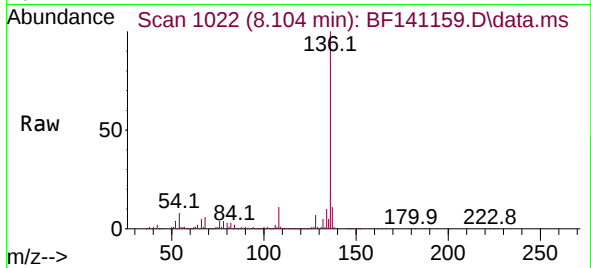




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

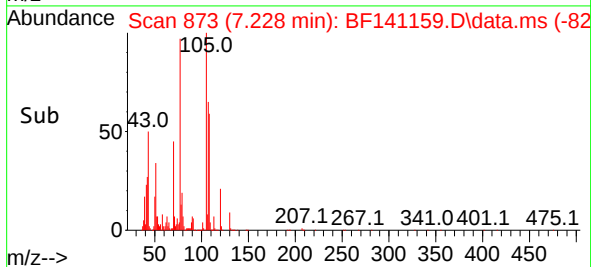
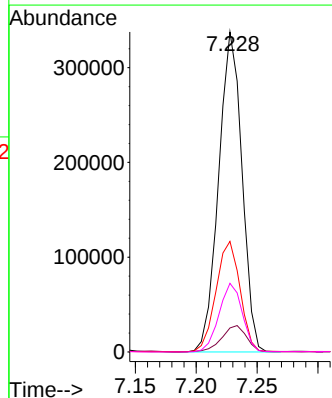
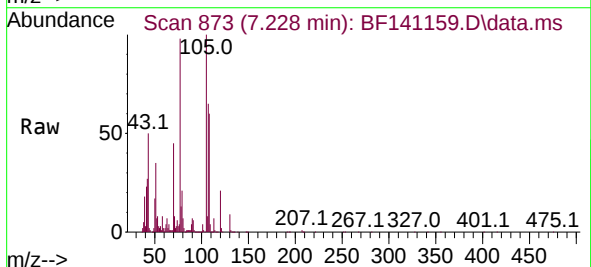
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

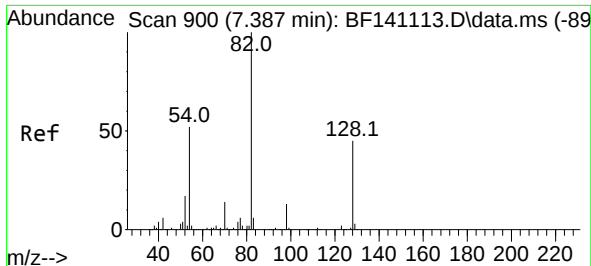
Tgt Ion:	136	Resp:	597490
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 31.719 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:	105	Resp:	450535
Ion Ratio	Lower	Upper	
105	100		
71	7.5	7.1	10.7
51	34.6	25.4	38.2
120	21.5	18.0	27.0





#23

Nitrobenzene-d5

Concen: 61.185 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

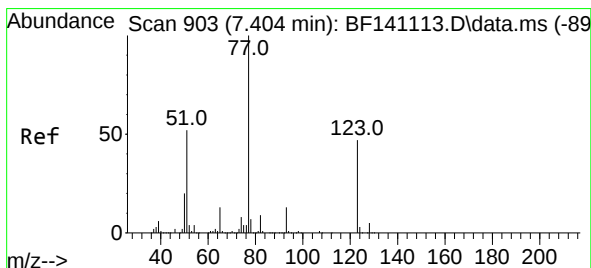
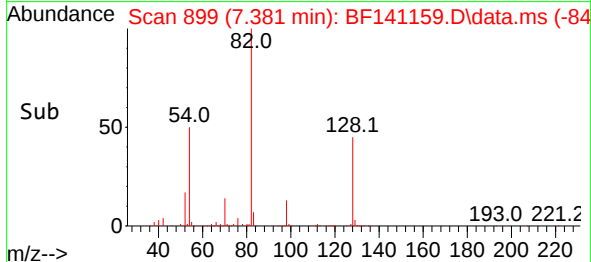
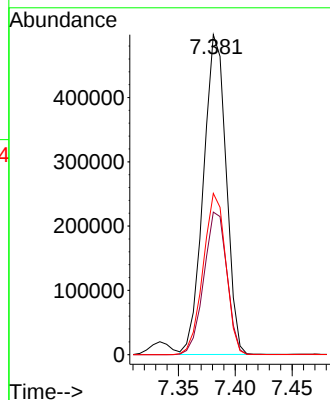
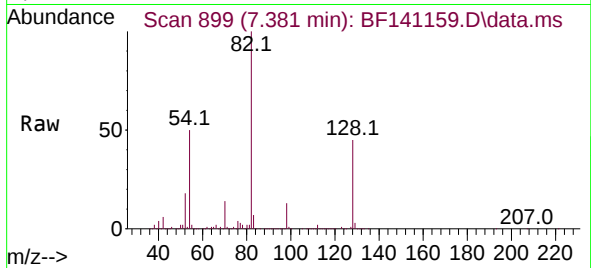
Tgt Ion: 82 Resp: 689648

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

54 50.4 41.0 61.4



#24

Nitrobenzene

Concen: 29.183 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

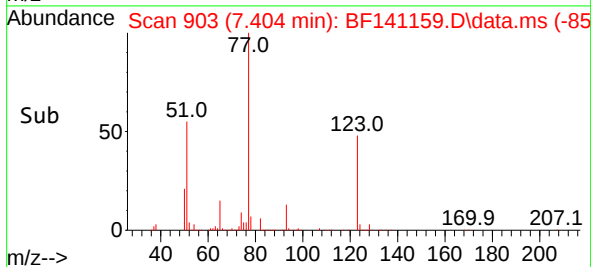
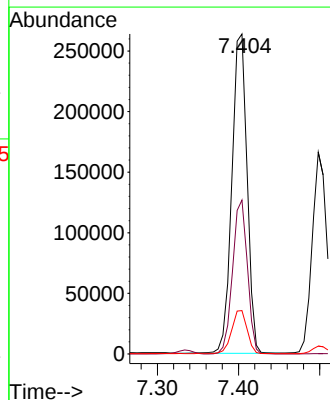
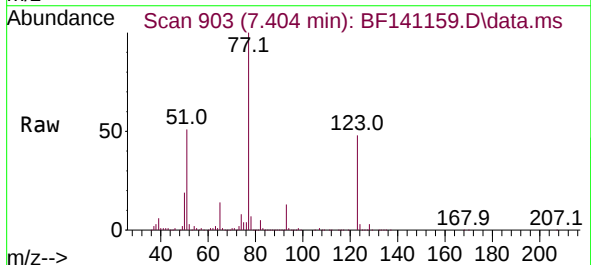
Tgt Ion: 77 Resp: 342822

Ion Ratio Lower Upper

77 100

123 48.1 37.7 56.5

65 13.6 10.6 16.0

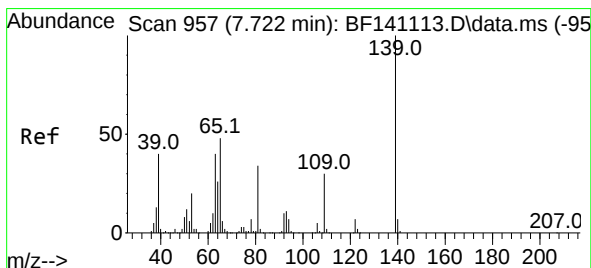
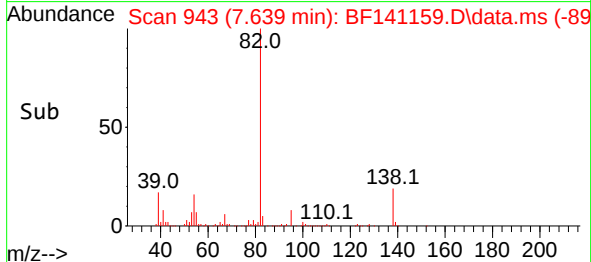
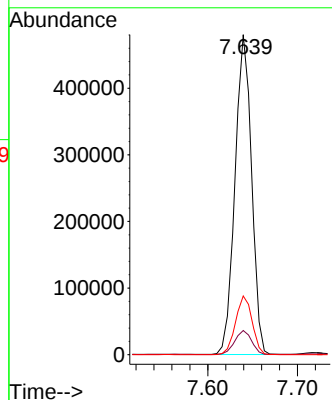
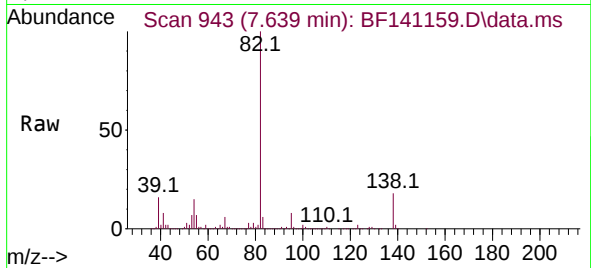




#25
Isophorone
Concen: 31.904 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

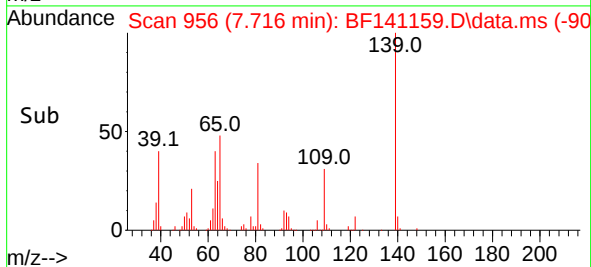
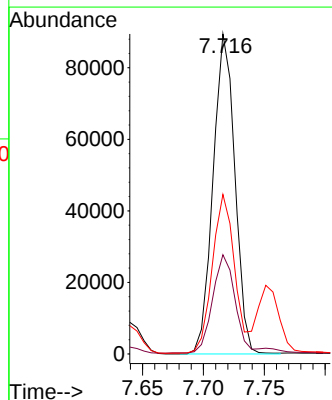
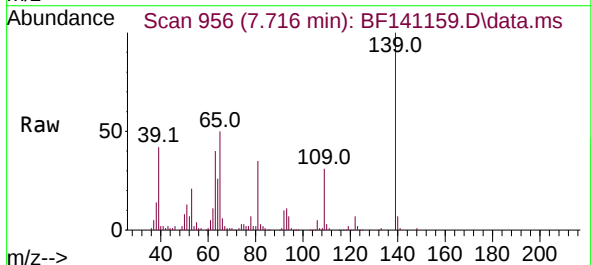
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 82 Resp: 614561
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 20.907 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:139 Resp: 111720
Ion Ratio Lower Upper
139 100
109 31.0 23.8 35.6
65 49.8 38.5 57.7

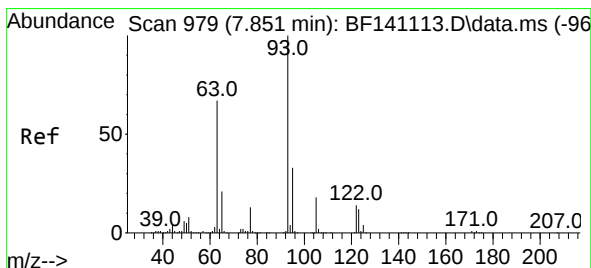
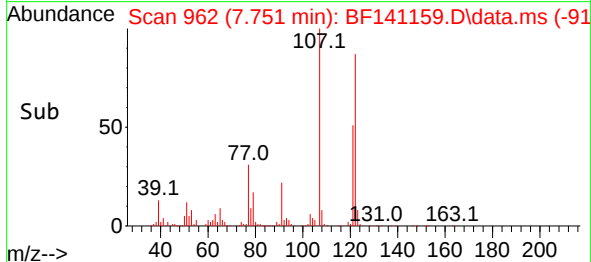
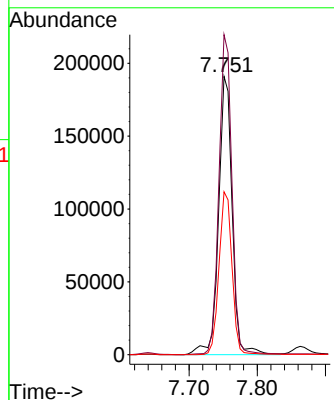
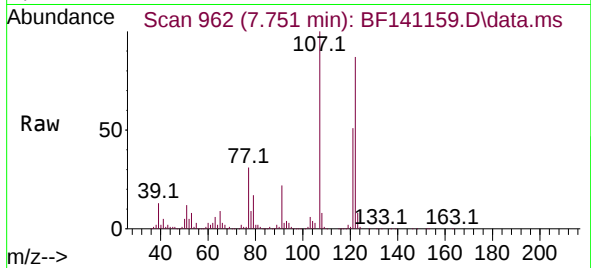




#27
2,4-Dimethylphenol
Concen: 36.651 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

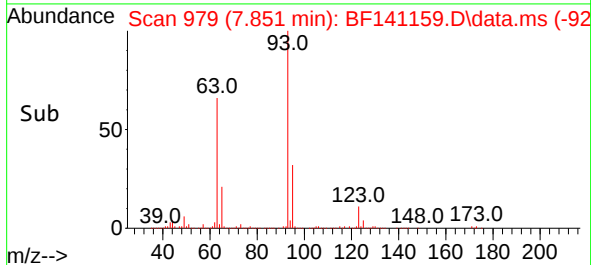
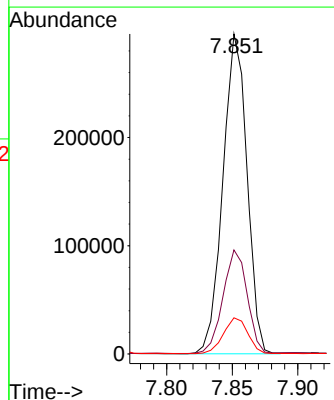
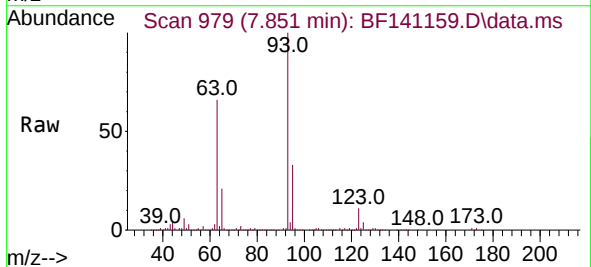
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:122 Resp: 264173
Ion Ratio Lower Upper
122 100
107 115.0 90.3 135.5
121 58.5 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 31.231 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 93 Resp: 377543
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 27.762 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

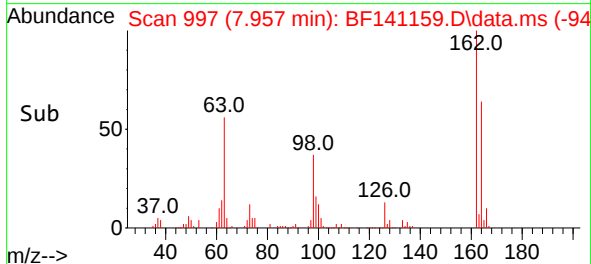
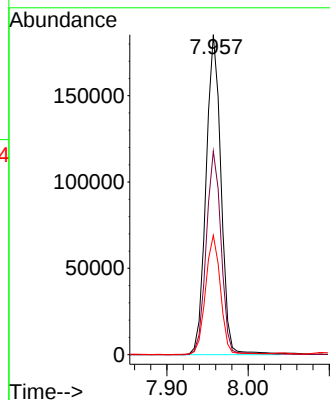
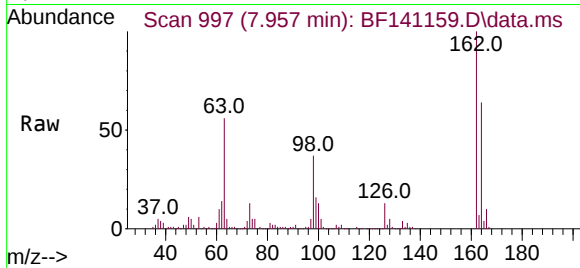
Tgt Ion:162 Resp: 237655

Ion Ratio Lower Upper

162 100

164 63.6 44.5 84.5

98 37.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 28.857 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

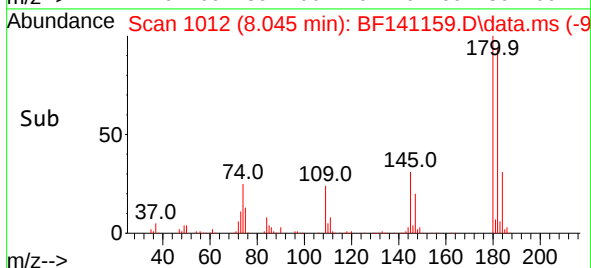
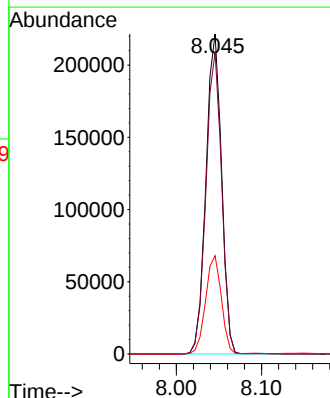
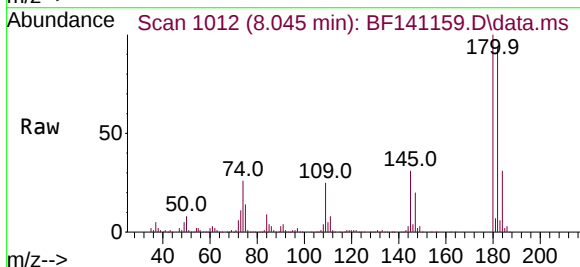
Tgt Ion:180 Resp: 282368

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 30.7 25.3 37.9

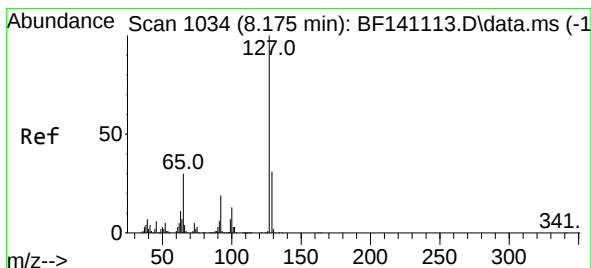
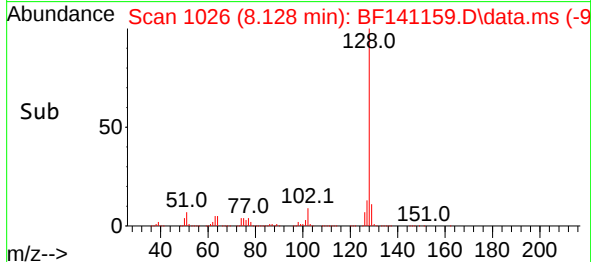
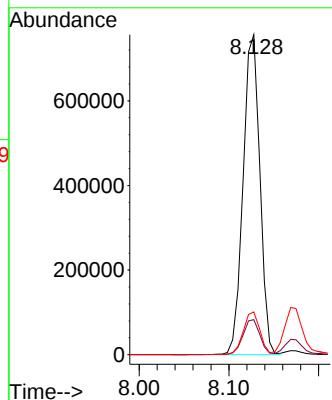
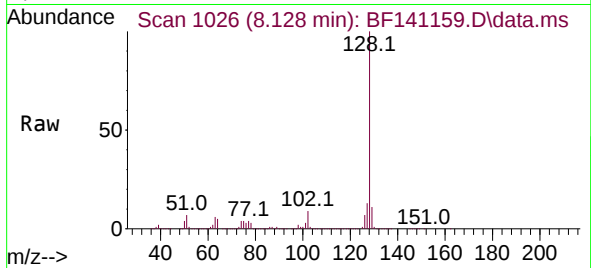




#31
Naphthalene
Concen: 31.129 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

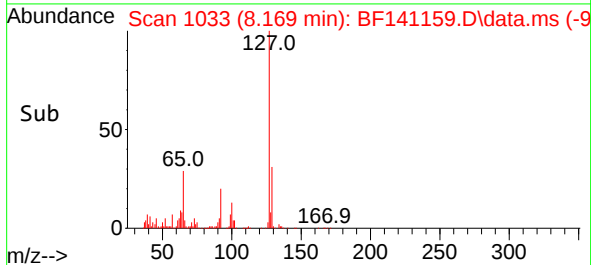
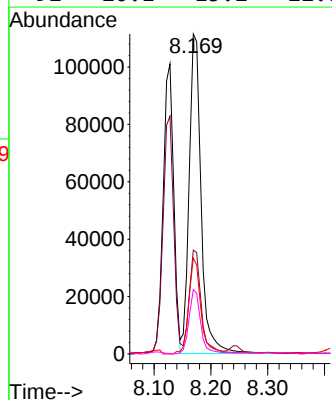
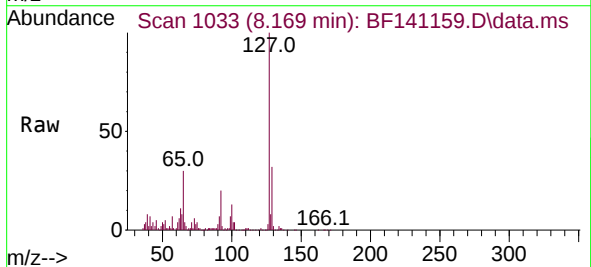
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

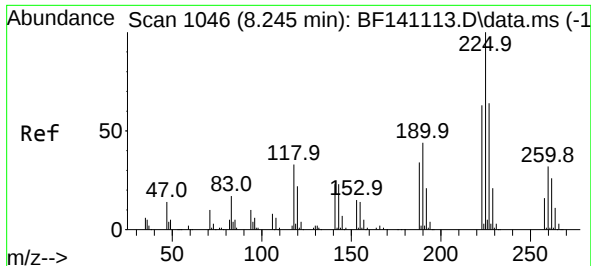
Tgt Ion:128 Resp: 980838
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2



#33
4-Chloroaniline
Concen: 15.007 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

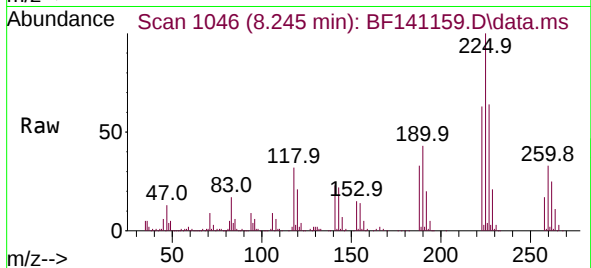
Tgt Ion:127 Resp: 163530
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 29.9 23.8 35.8
92 20.1 15.2 22.8



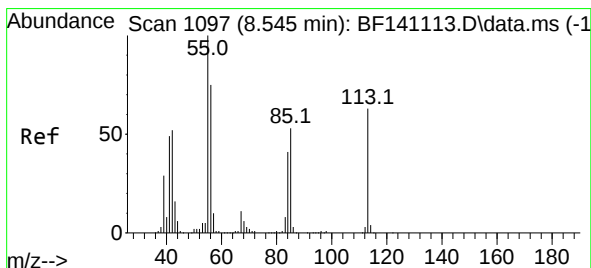
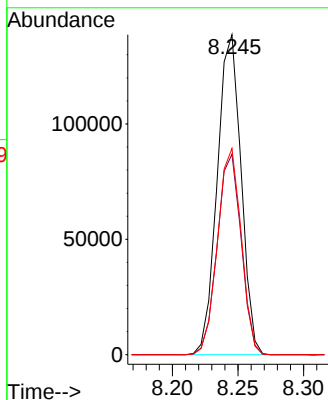
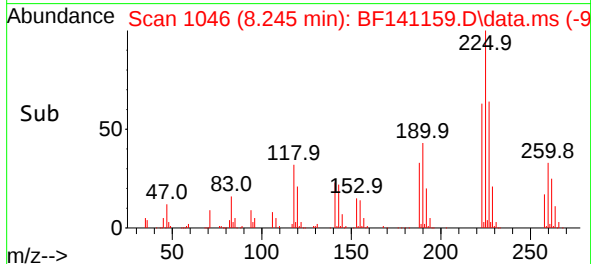


#34
Hexachlorobutadiene
Concen: 29.689 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

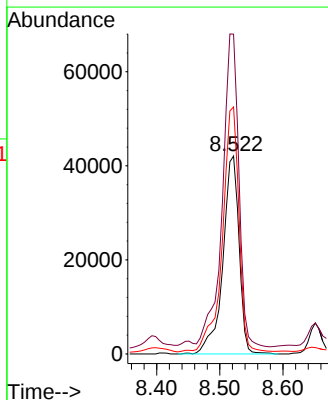
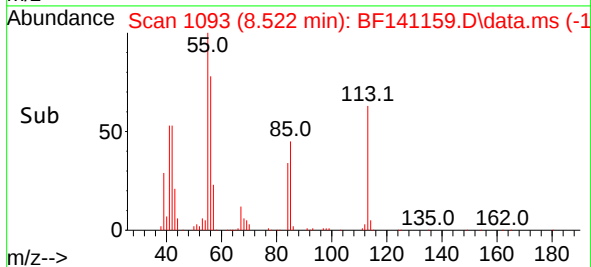
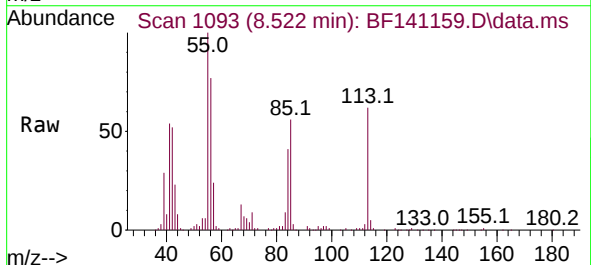


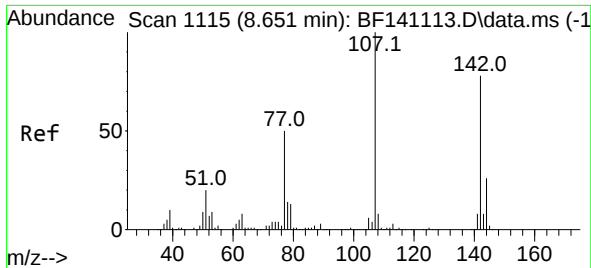
Tgt Ion:225 Resp: 175047
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 64.4 51.6 77.4



#35
Caprolactam
Concen: 26.747 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:113 Resp: 74963
Ion Ratio Lower Upper
113 100
55 161.7 139.7 179.7
56 124.9 99.4 139.4

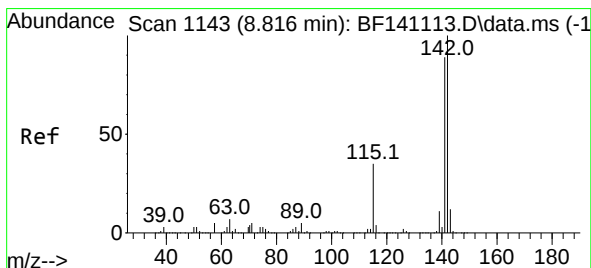
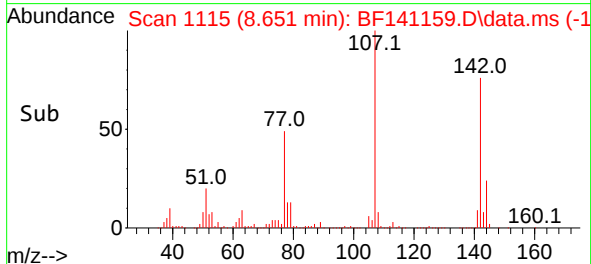
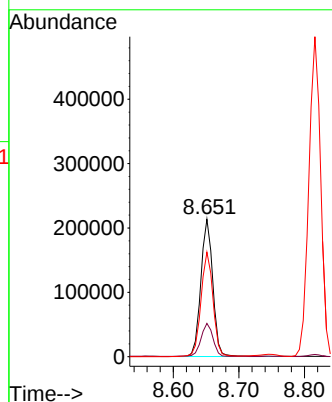
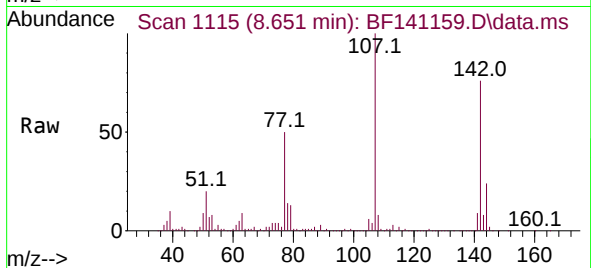




#36
4-Chloro-3-methylphenol
Concen: 28.976 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

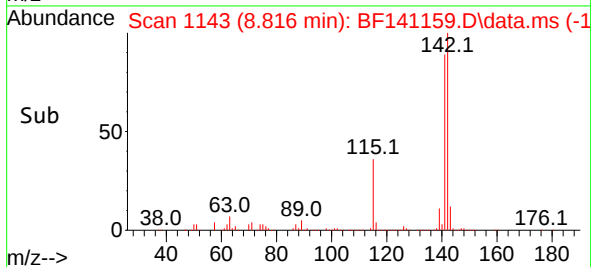
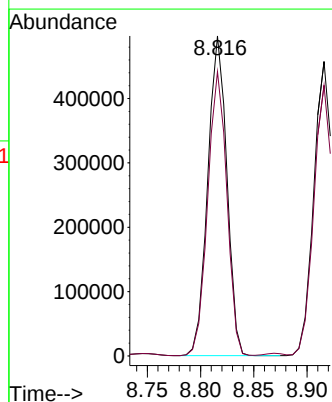
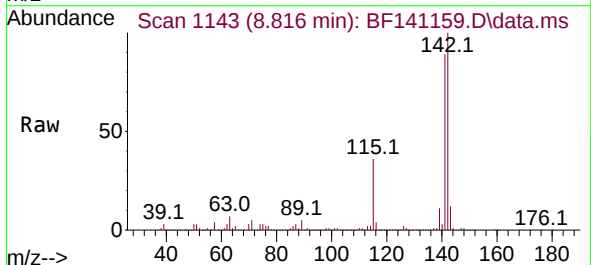
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

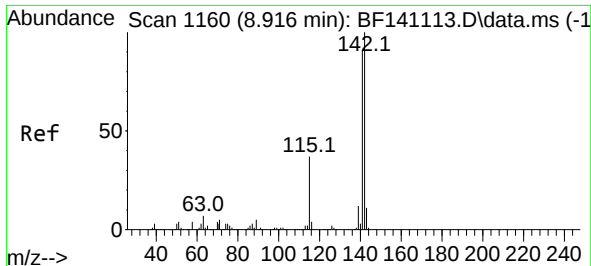
Tgt Ion:107 Resp: 271282
Ion Ratio Lower Upper
107 100
144 24.2 20.4 30.6
142 76.1 62.2 93.2



#37
2-Methylnaphthalene
Concen: 30.847 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:142 Resp: 619371
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9

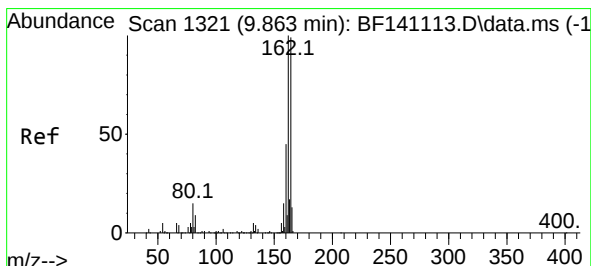
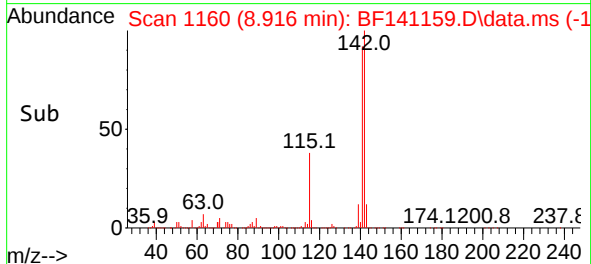
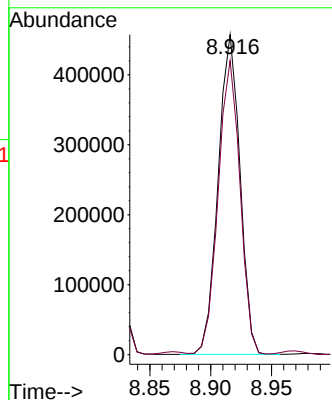
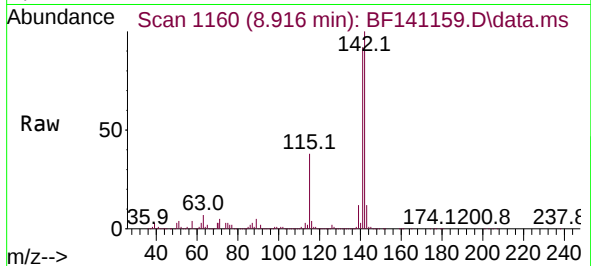




#38
1-Methylnaphthalene
Concen: 28.839 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

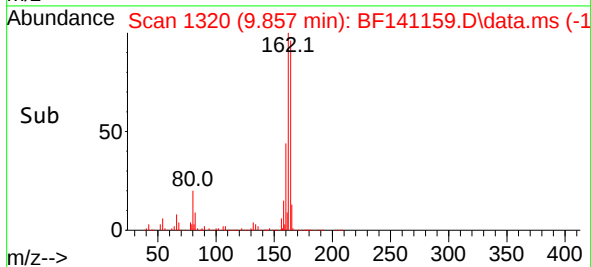
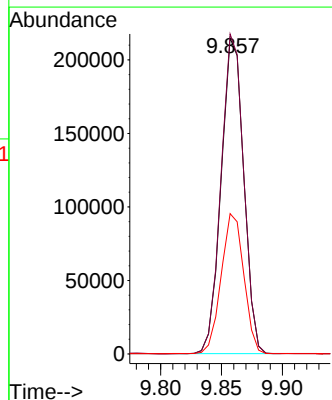
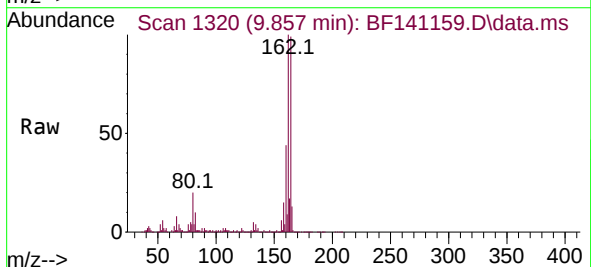
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

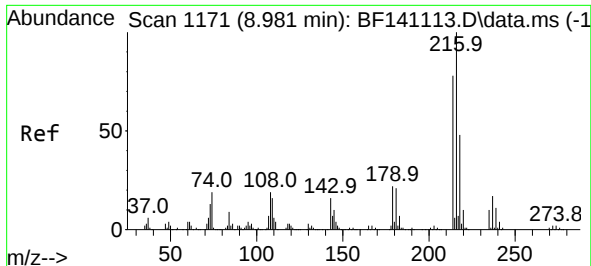
Tgt Ion:142 Resp: 570669
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:164 Resp: 276953
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.4 36.1 54.1

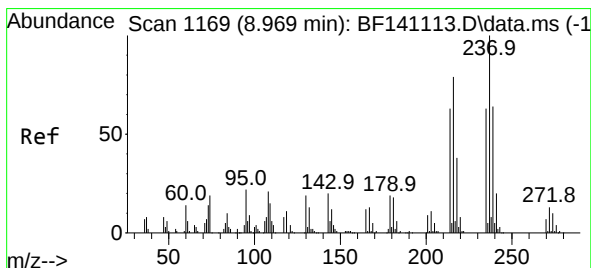
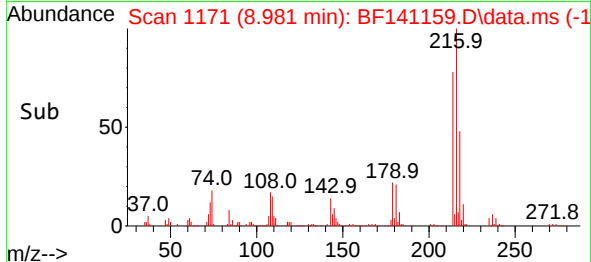
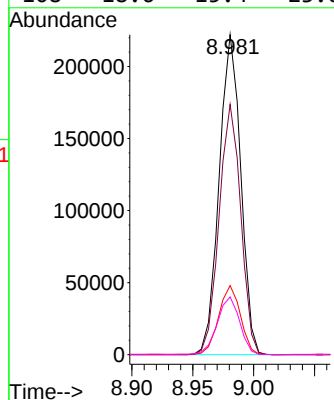
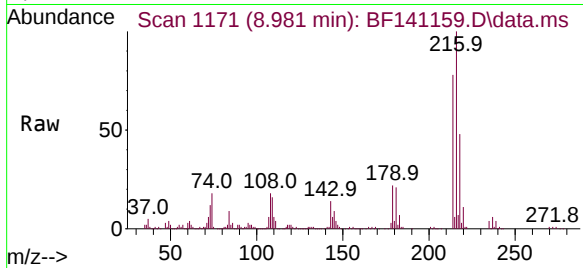




#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.472 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

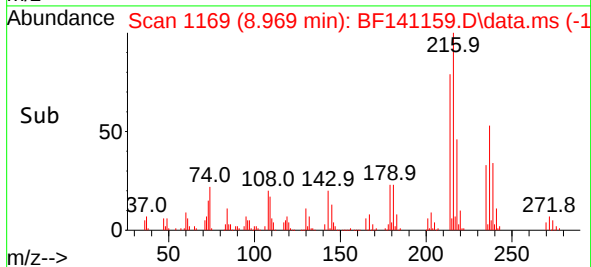
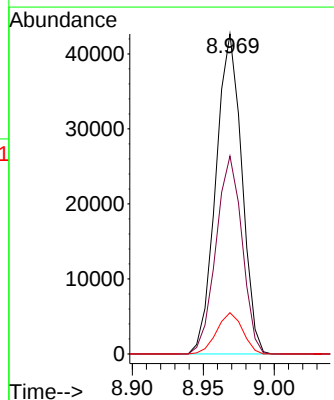
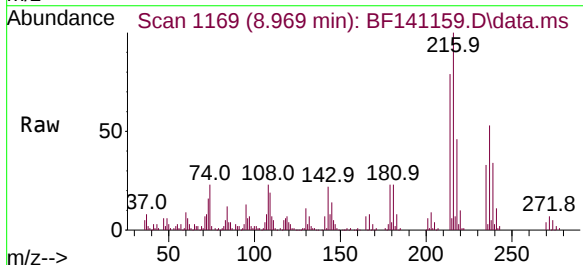
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

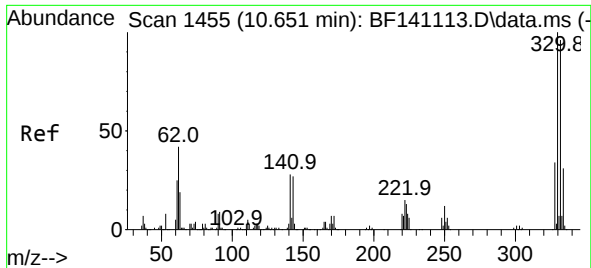
Tgt Ion:	216	Resp:	274019
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	94.0
179	22.1	17.7	26.5
108	18.6	15.4	23.0



#41
Hexachlorocyclopentadiene
Concen: 20.829 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:	237	Resp:	54170
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.0	83.0
272	12.9	0.0	33.0





#42

2,4,6-Tribromophenol

Concen: 33.364 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

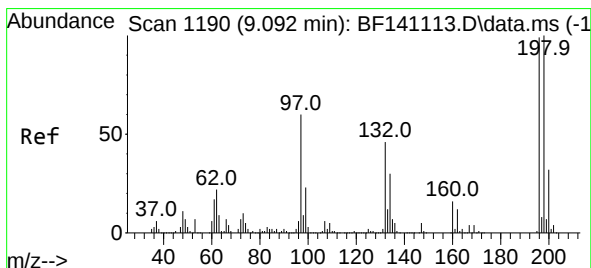
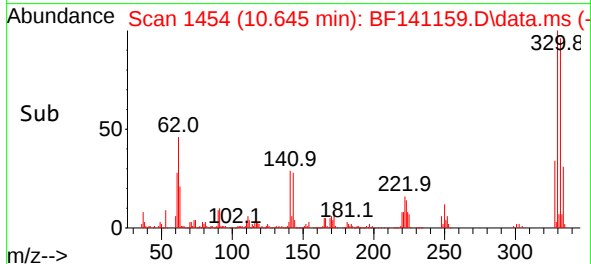
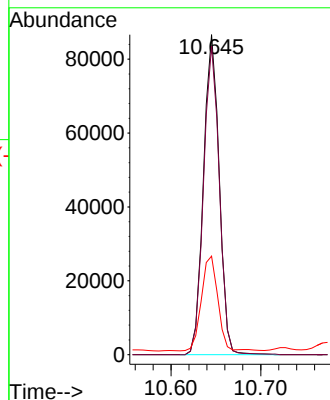
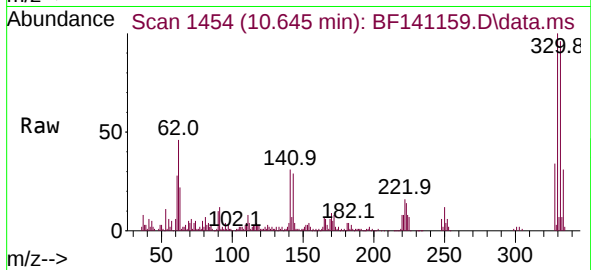
Tgt Ion:330 Resp: 105287

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 30.7 25.2 37.8



#43

2,4,6-Trichlorophenol

Concen: 17.300 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

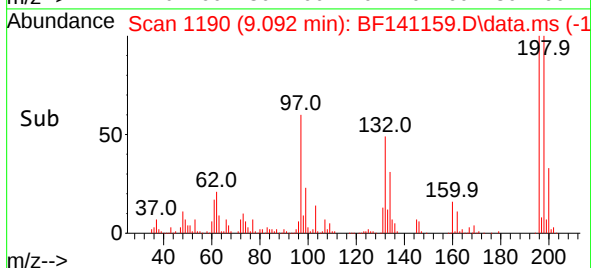
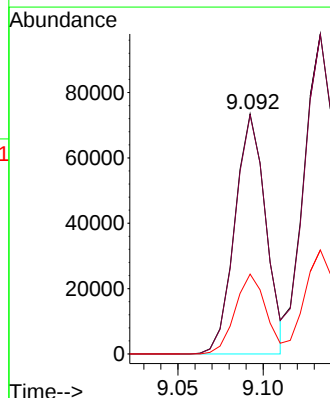
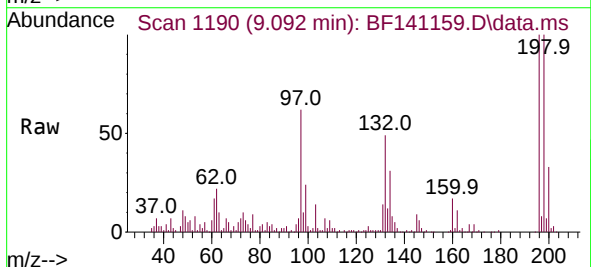
Tgt Ion:196 Resp: 92751

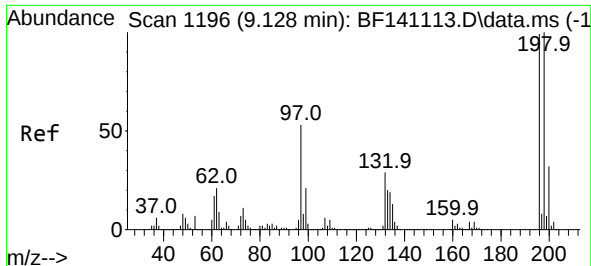
Ion Ratio Lower Upper

196 100

198 99.5 80.8 121.2

200 33.3 25.7 38.5

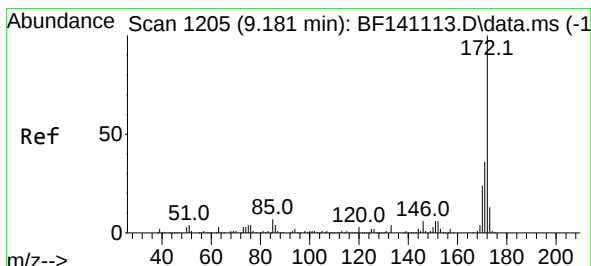
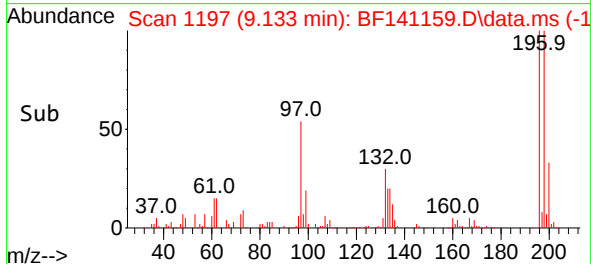
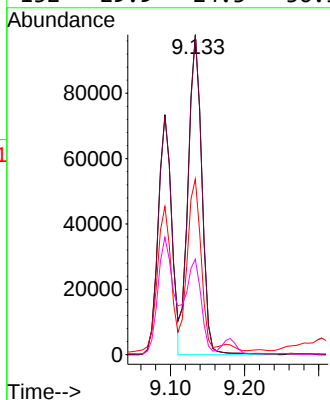
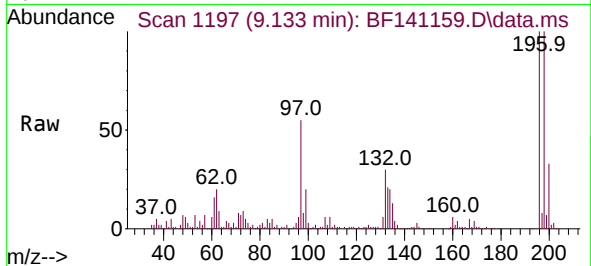




#44
2,4,5-Trichlorophenol
Concen: 22.253 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

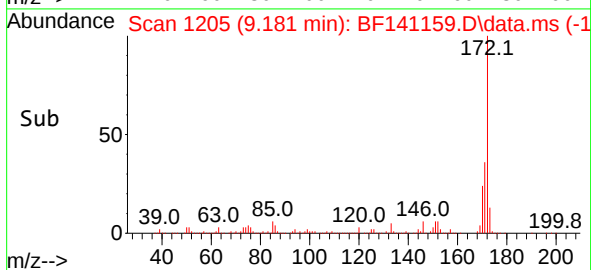
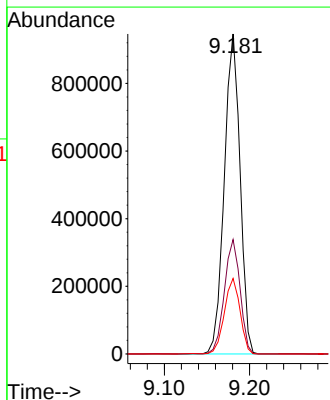
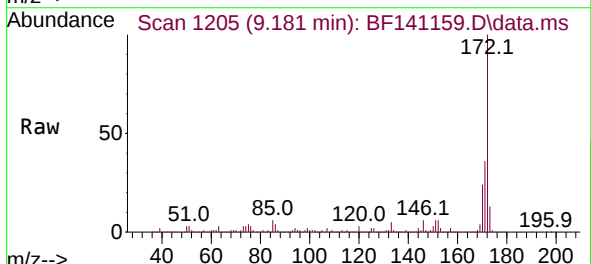
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

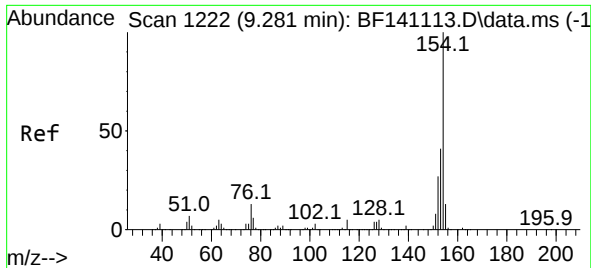
Tgt Ion:196	Resp: 125997
Ion Ratio	Lower Upper
196	100
198	99.8 80.6 120.8
97	54.9 43.1 64.7
132	29.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 67.029 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:172	Resp: 1215675
Ion Ratio	Lower Upper
172	100
171	35.7 28.7 43.1
170	23.6 19.0 28.6

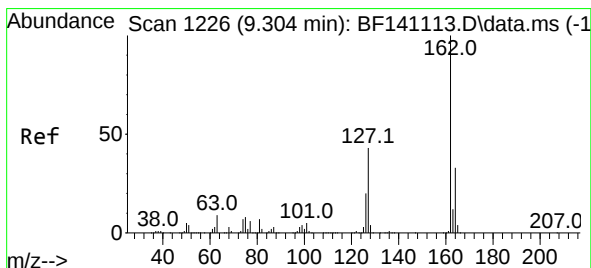
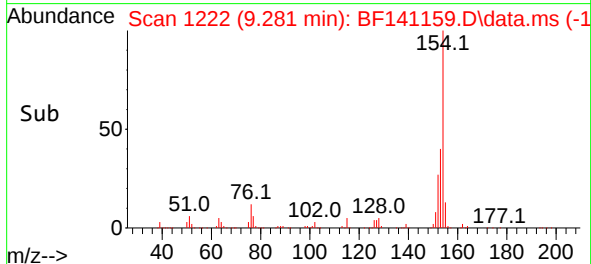
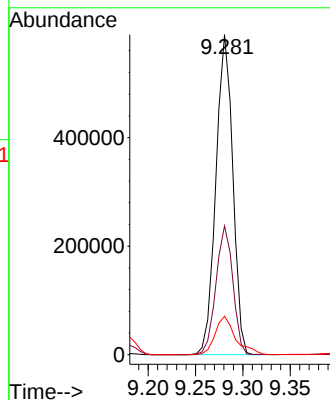
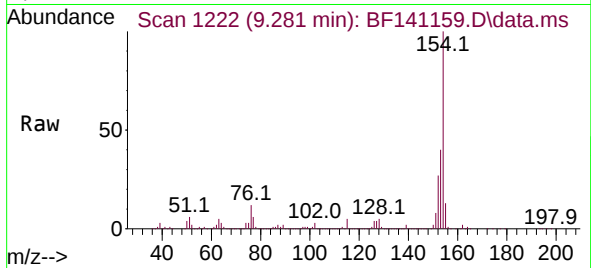




#46
1,1'-Biphenyl
Concen: 33.996 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

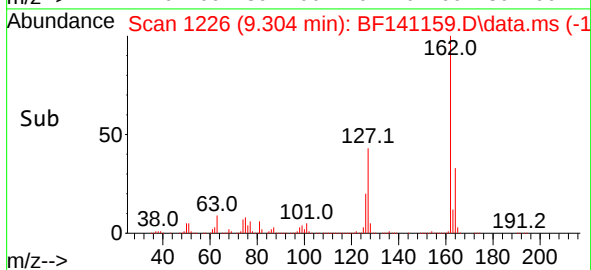
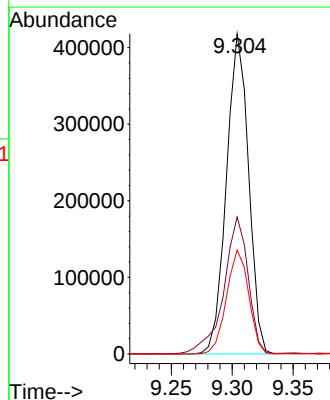
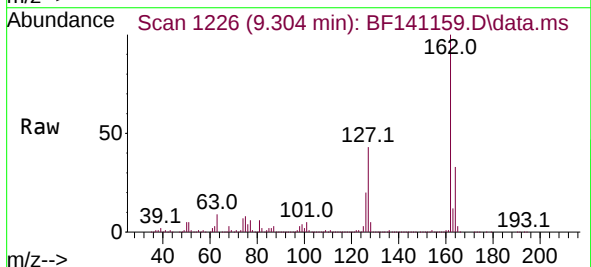
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

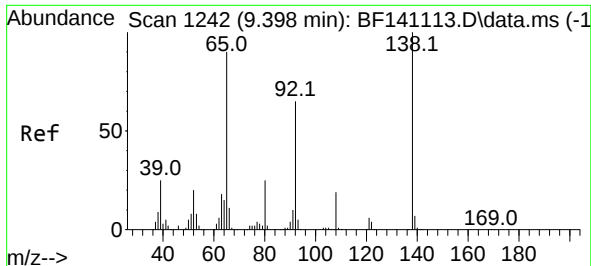
Tgt Ion:154 Resp: 731201
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 12.0 0.0 33.1



#47
2-Chloronaphthalene
Concen: 31.624 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:162 Resp: 529765
Ion Ratio Lower Upper
162 100
127 42.8 34.6 51.8
164 32.5 26.5 39.7

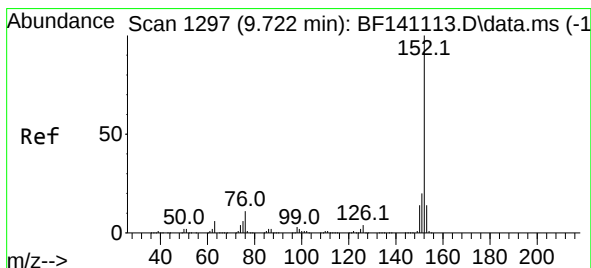
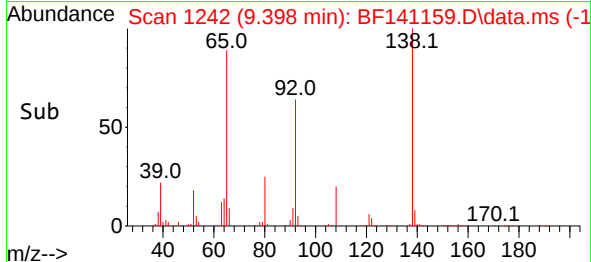
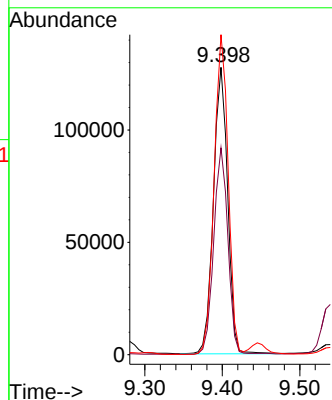
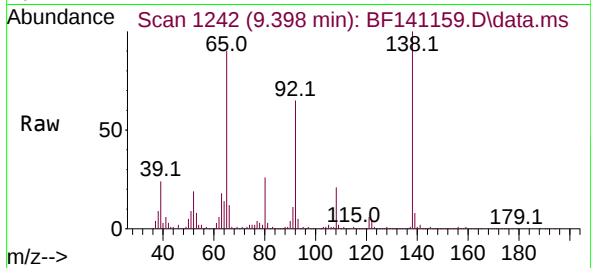




#48
2-Nitroaniline
Concen: 32.731 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

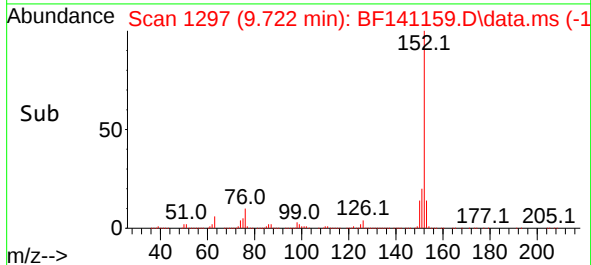
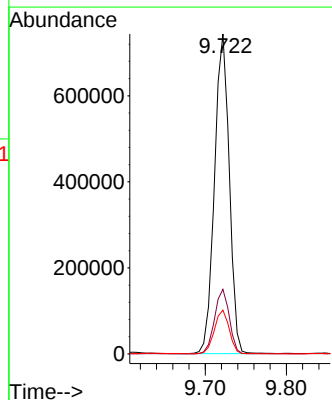
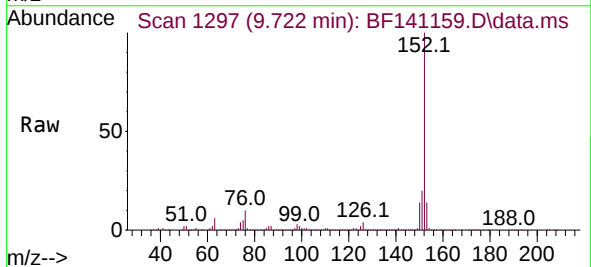
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

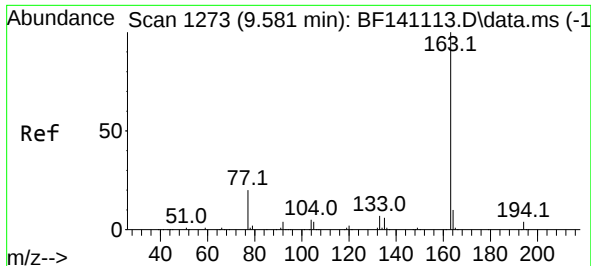
Tgt Ion: 65 Resp: 162538
Ion Ratio Lower Upper
65 100
92 72.0 58.3 87.5
138 111.3 89.1 133.7



#49
Acenaphthylene
Concen: 39.282 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 152 Resp: 940175
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.7 11.1 16.7

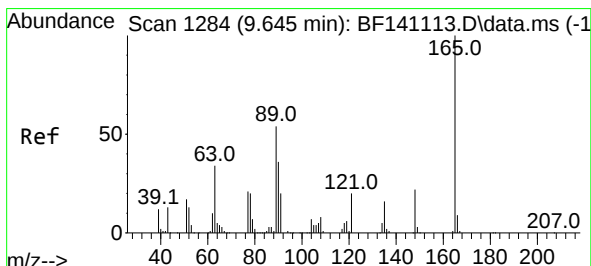
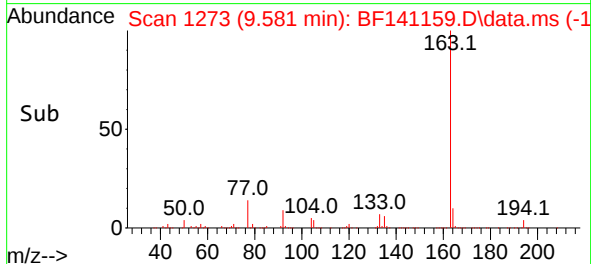
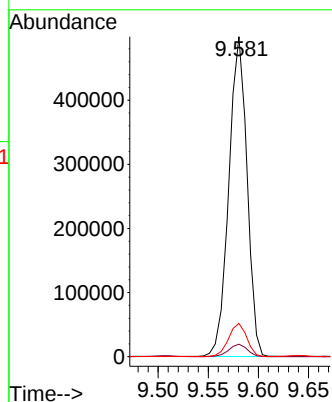
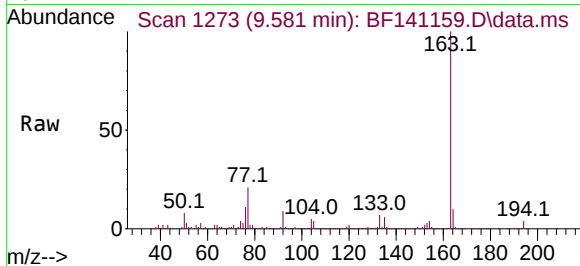




#50
Dimethylphthalate
Concen: 33.860 ng
RT: 9.581 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

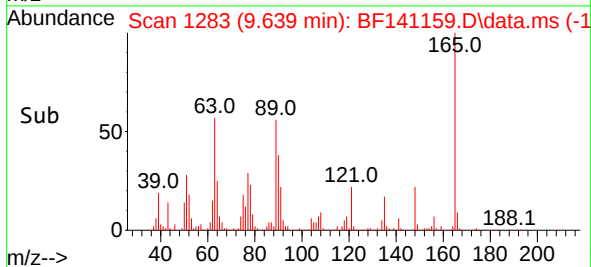
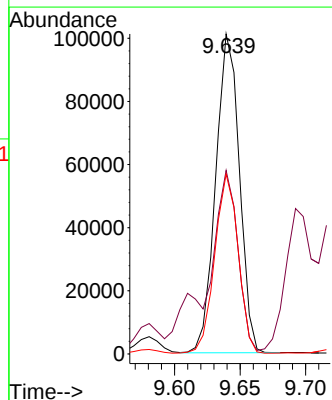
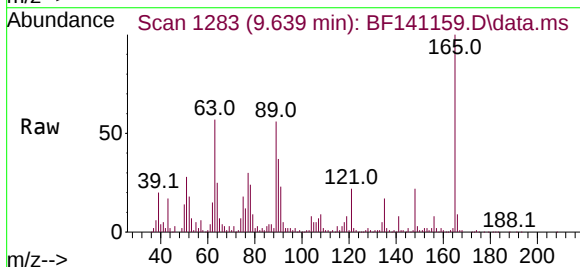
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

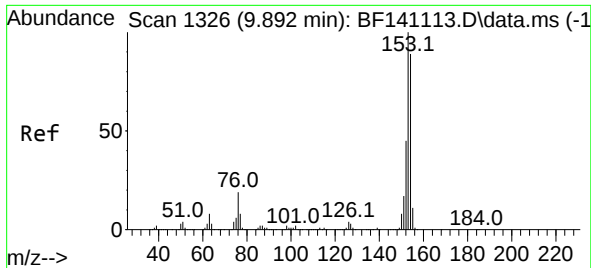
Tgt Ion:163 Resp: 629551
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 29.328 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:165 Resp: 126808
Ion Ratio Lower Upper
165 100
63 57.3 42.3 63.5
89 56.2 43.1 64.7

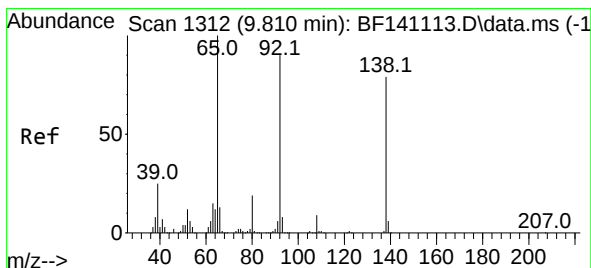
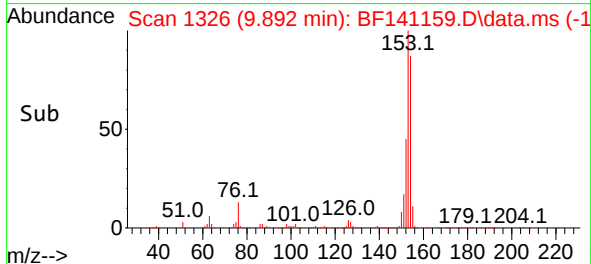
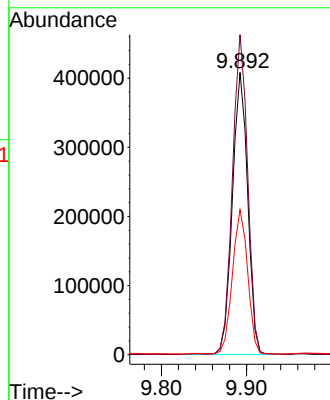
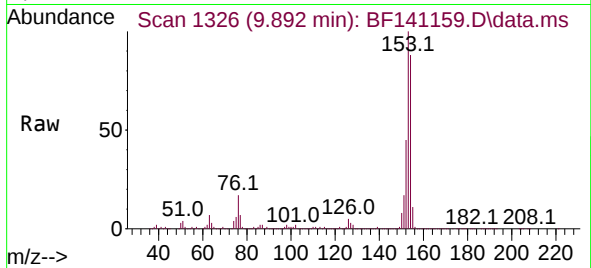




#52
Acenaphthene
Concen: 30.384 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

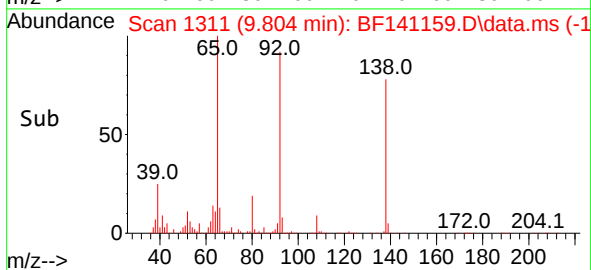
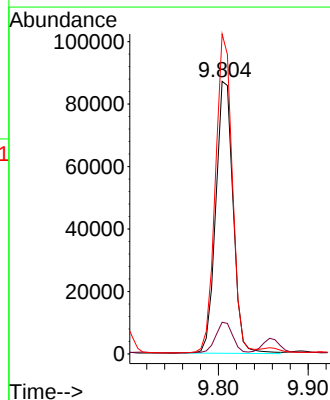
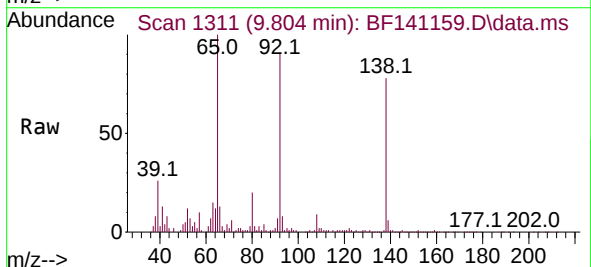
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

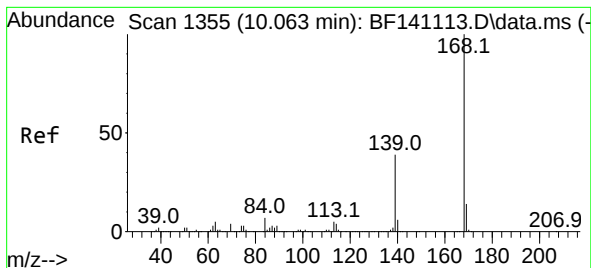
Tgt Ion:154 Resp: 508055
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 51.4 40.8 61.2



#53
3-Nitroaniline
Concen: 26.552 ng
RT: 9.804 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:138 Resp: 116664
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 117.4 91.3 136.9





#55

Dibenzofuran

Concen: 31.147 ng

RT: 10.063 min Scan# 1355

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

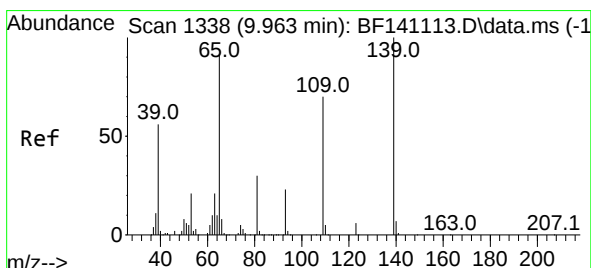
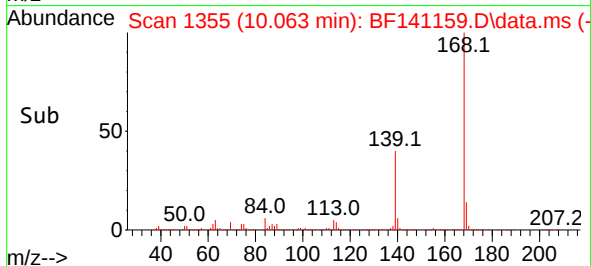
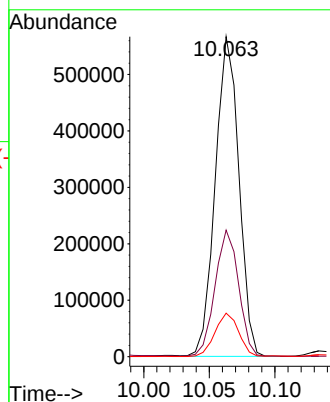
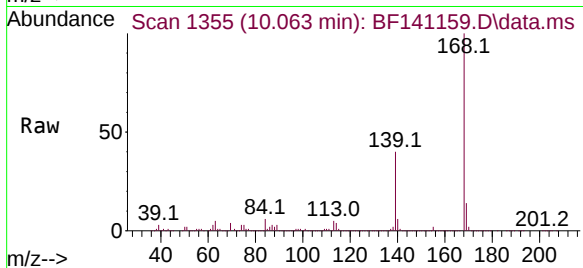
Tgt Ion:168 Resp: 708420

Ion Ratio Lower Upper

168 100

139 39.6 31.4 47.0

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 20.778 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

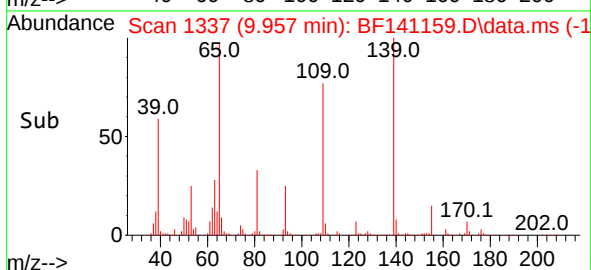
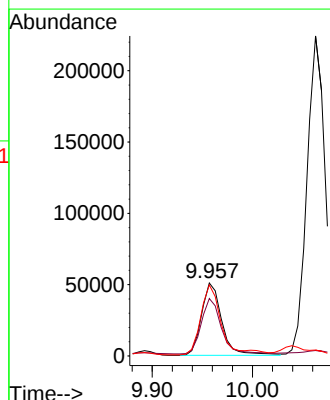
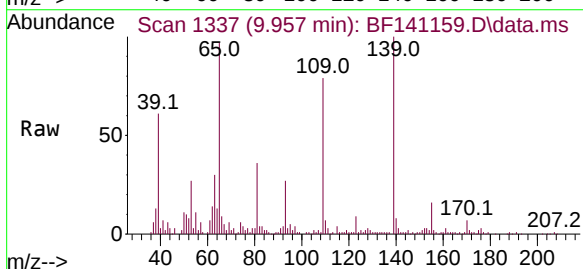
Tgt Ion:139 Resp: 71498

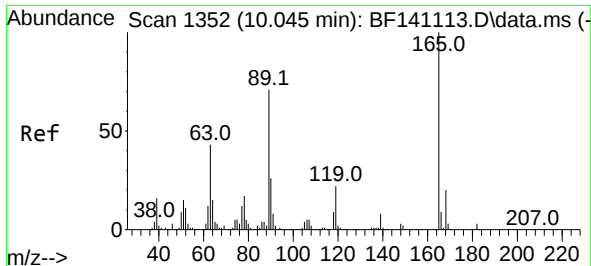
Ion Ratio Lower Upper

139 100

109 78.8 50.2 90.2

65 97.3 72.1 112.1



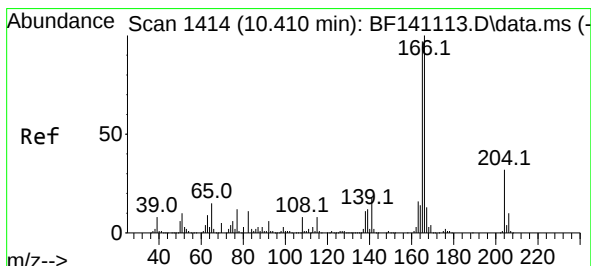
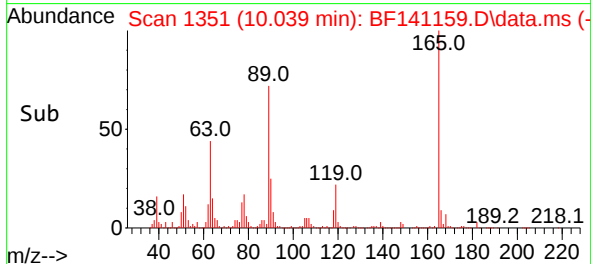
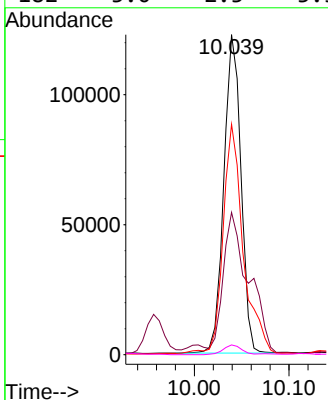
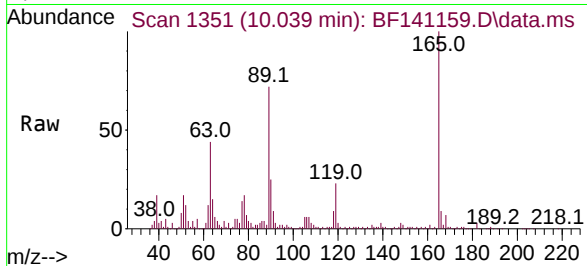


#57
2,4-Dinitrotoluene
Concen: 27.612 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:165 Resp: 153859

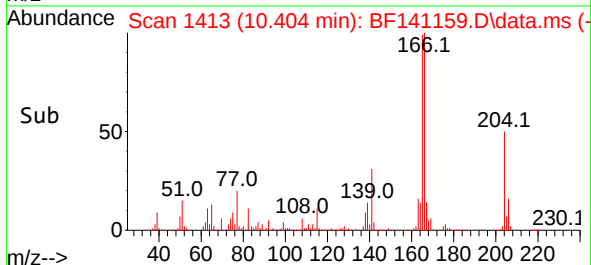
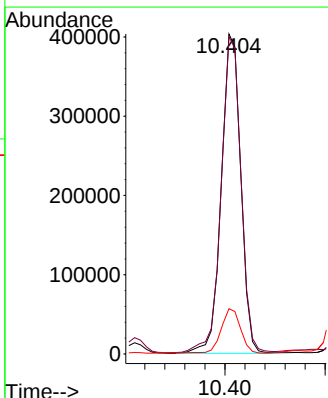
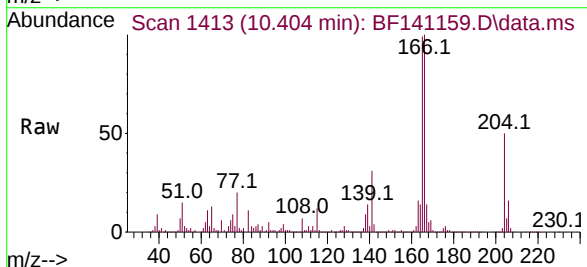
Ion	Ratio	Lower	Upper
165	100		
63	44.5	35.0	52.4
89	72.0	56.7	85.1
182	3.0	2.3	3.5

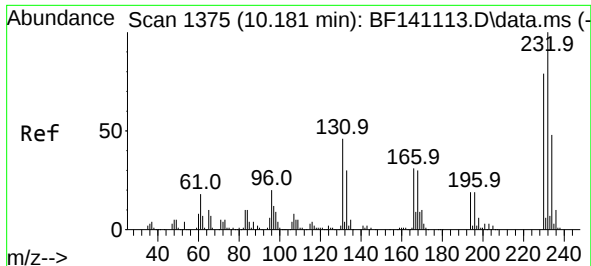


#58
Fluorene
Concen: 30.615 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:166 Resp: 540967

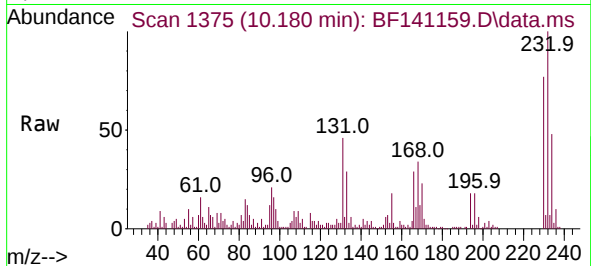
Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	14.2	10.8	16.2



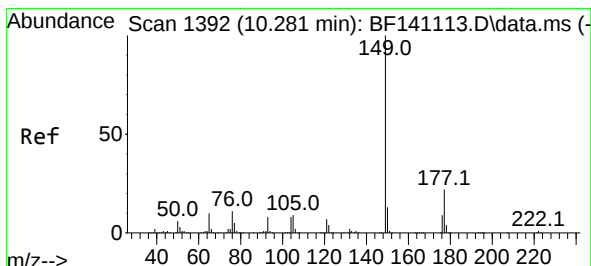
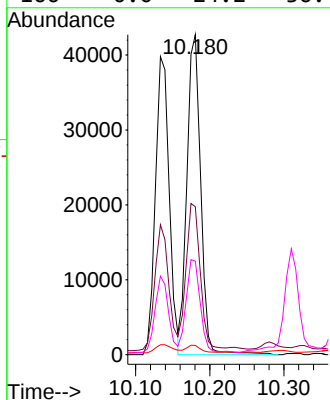
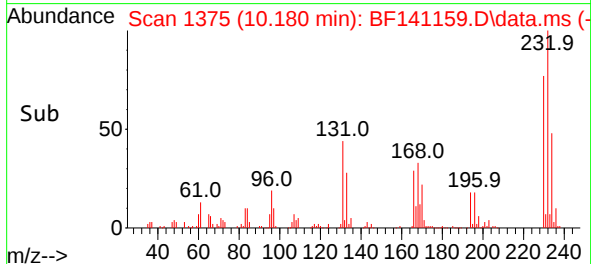


#59
2,3,4,6-Tetrachlorophenol
Concen: 11.782 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

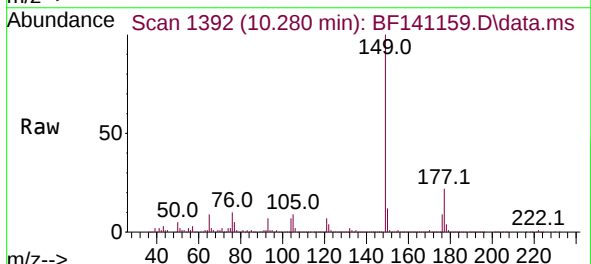
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



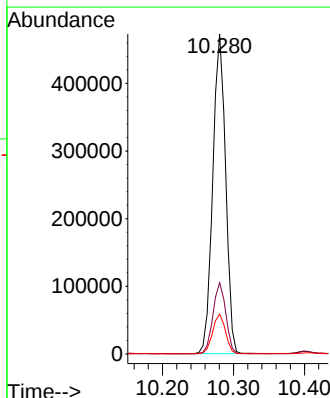
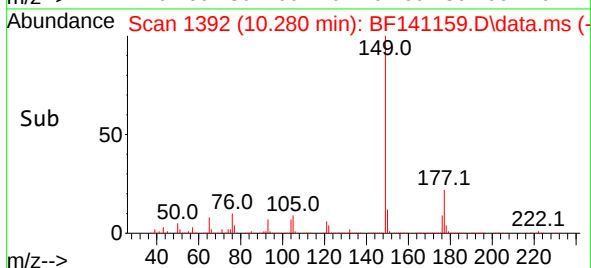
Tgt Ion:232 Resp: 55452
Ion Ratio Lower Upper
232 100
131 45.3 36.2 54.4
130 2.1 2.0 3.0
166 0.0 24.2 36.4#

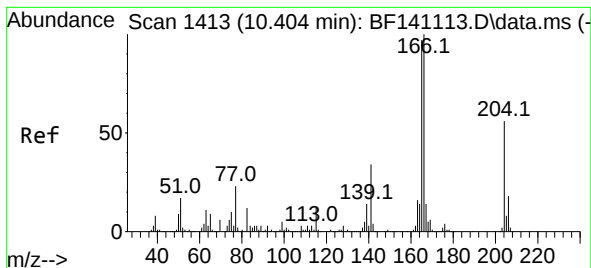


#60
Diethylphthalate
Concen: 32.663 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



Tgt Ion:149 Resp: 592887
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.5 10.2 15.2

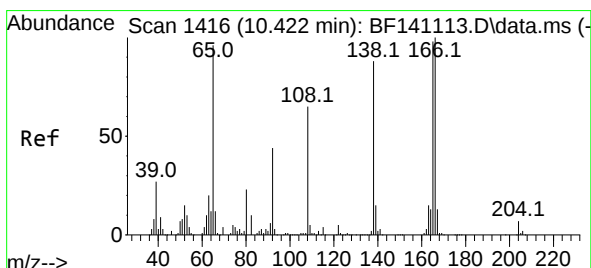
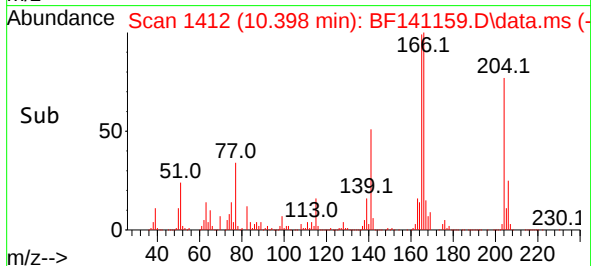
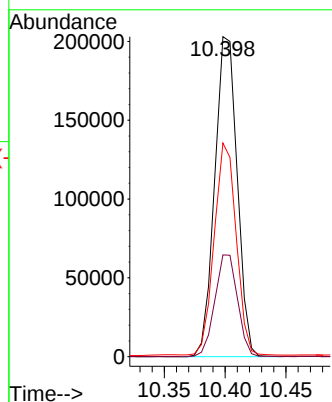
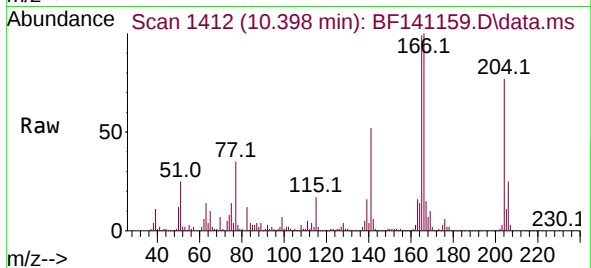




#61
4-Chlorophenyl-phenylether
Concen: 30.382 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

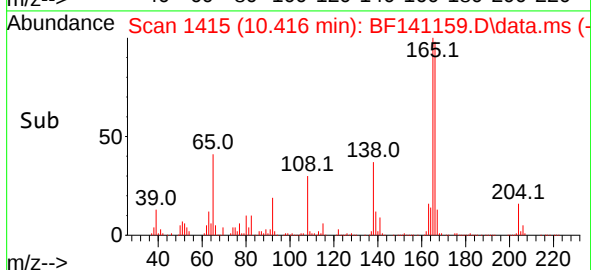
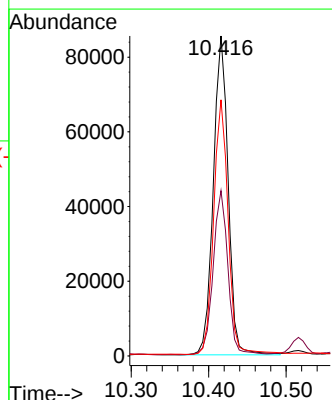
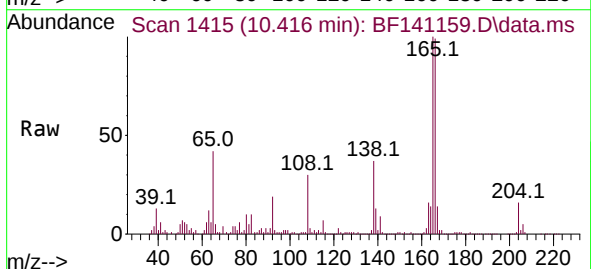
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

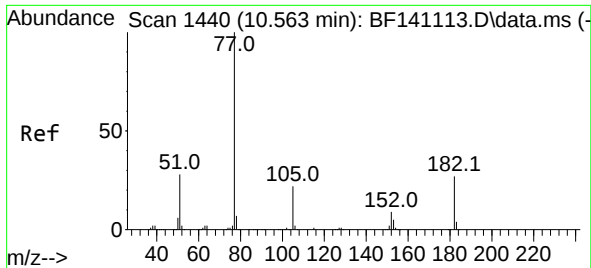
Tgt Ion:204 Resp: 261653
Ion Ratio Lower Upper
204 100
206 31.8 25.9 38.9
141 66.8 49.1 73.7



#62
4-Nitroaniline
Concen: 26.513 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:138 Resp: 114019
Ion Ratio Lower Upper
138 100
92 51.7 29.4 69.4
108 80.1 53.7 93.7

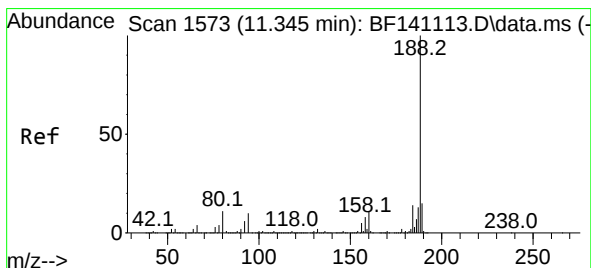
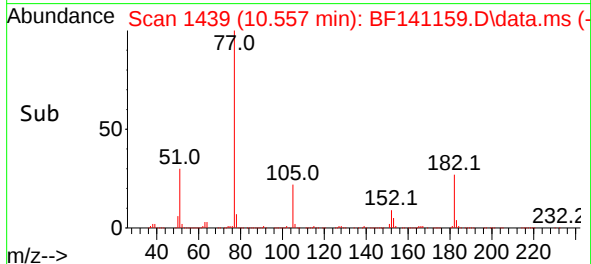
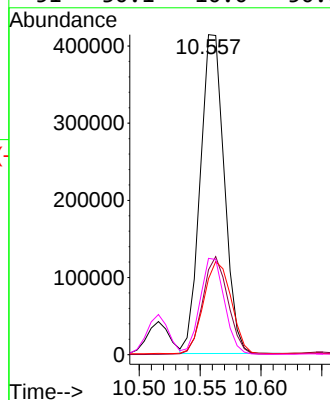
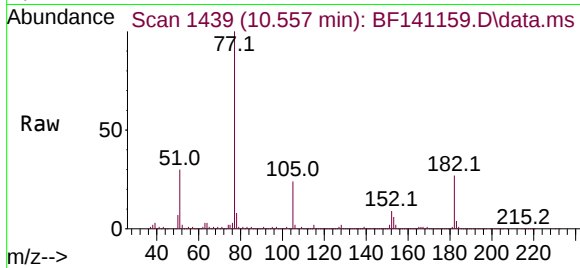




#63
Azobenzene
Concen: 31.679 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

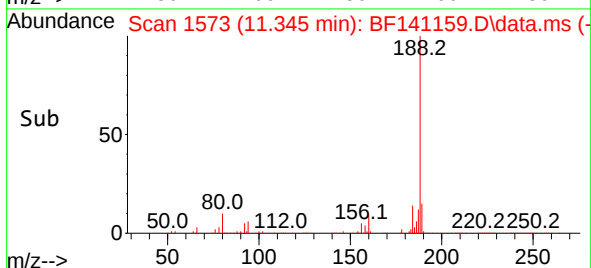
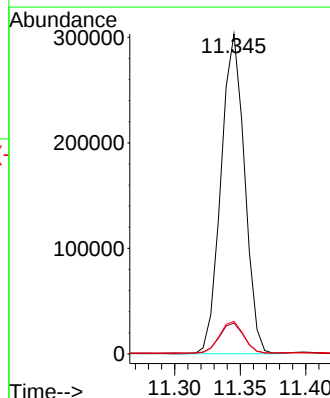
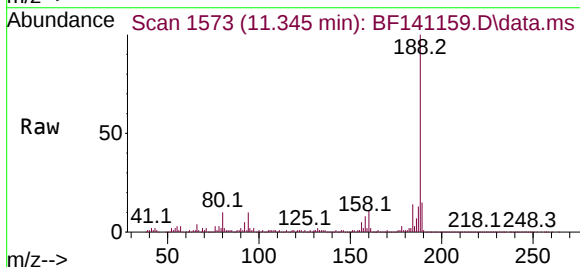
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

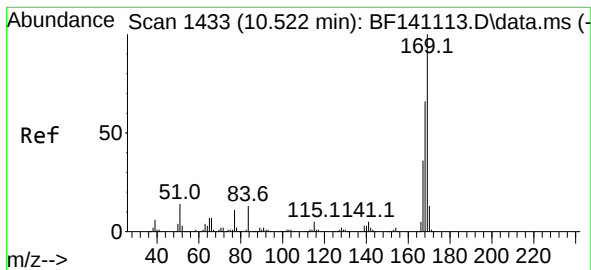
Tgt Ion:	77	Resp:	567392
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.1	46.1
105	23.7	2.1	42.1
51	30.1	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:	188	Resp:	378415
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.2	9.0	13.4

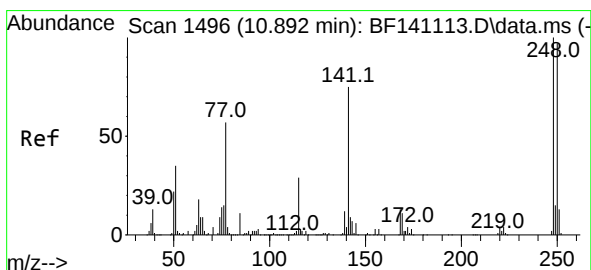
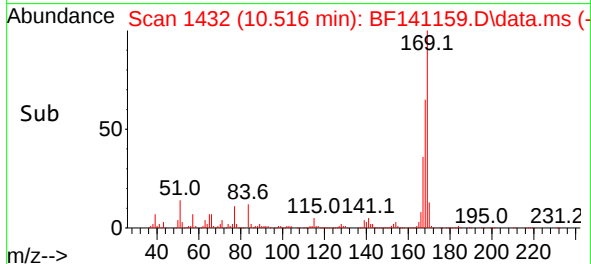
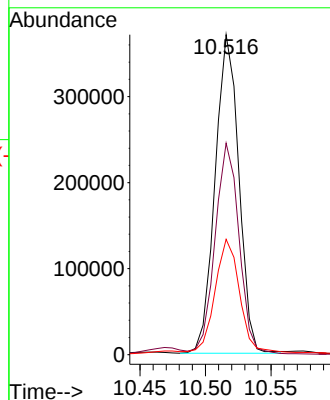
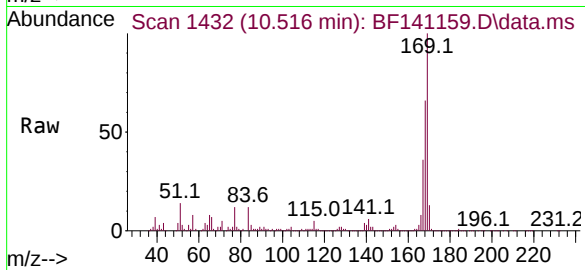




#66
n-Nitrosodiphenylamine
Concen: 38.094 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

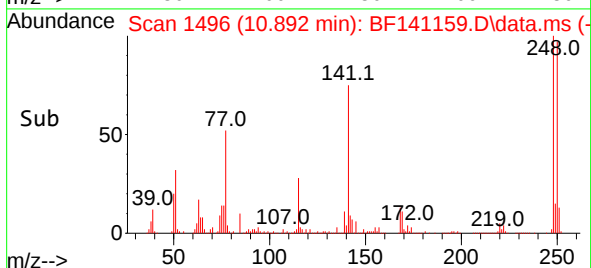
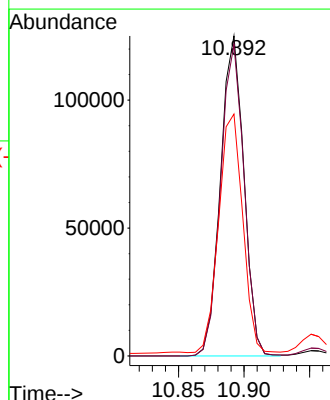
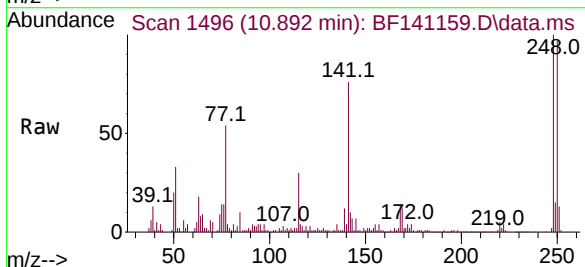
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

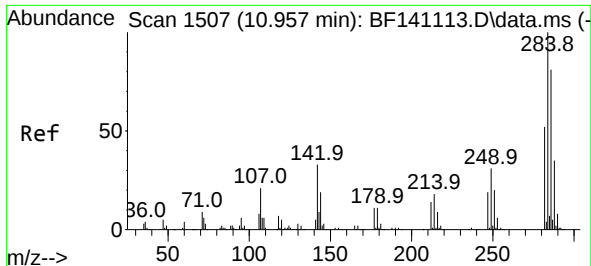
Tgt Ion:169 Resp: 464955
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 36.1 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 35.571 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:248 Resp: 154974
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 75.6 59.9 89.9

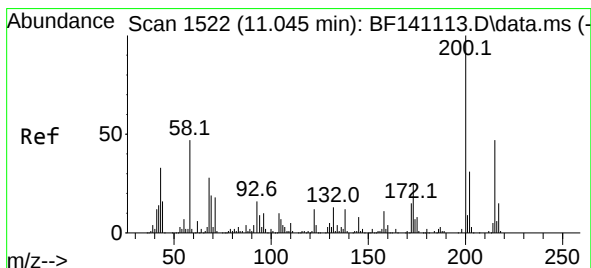
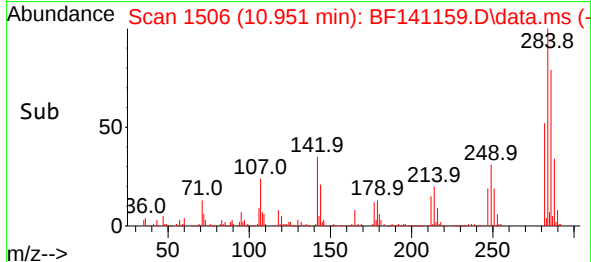
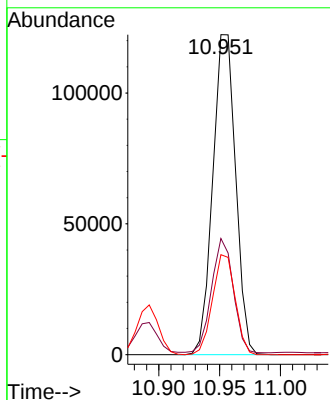
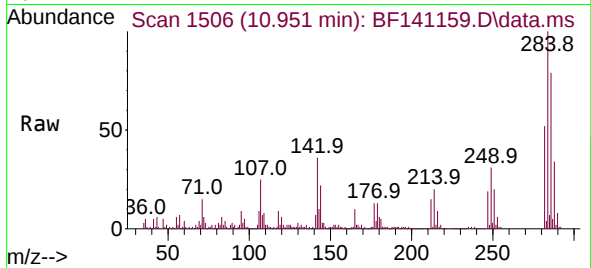




#68
Hexachlorobenzene
Concen: 32.963 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

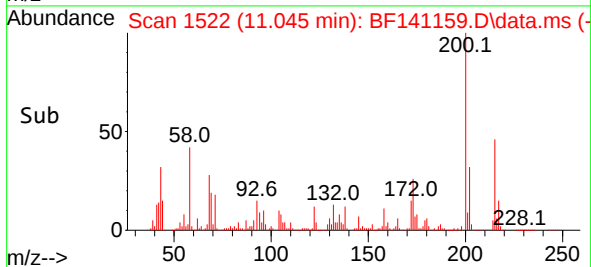
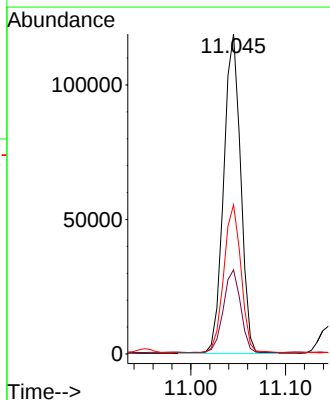
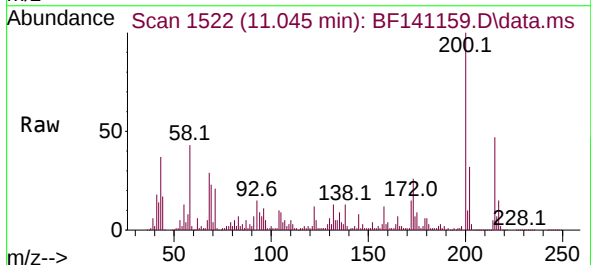
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

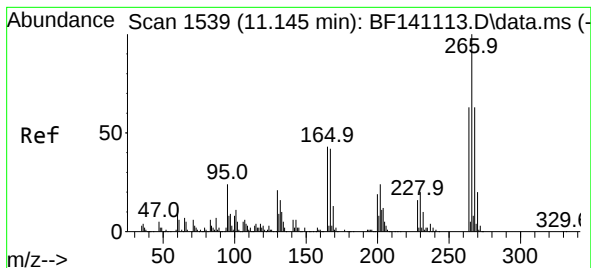
Tgt Ion:284 Resp: 159863
Ion Ratio Lower Upper
284 100
142 36.3 26.3 39.5
249 31.3 24.9 37.3



#69
Atrazine
Concen: 44.923 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:200 Resp: 147638
Ion Ratio Lower Upper
200 100
173 26.3 5.4 45.4
215 46.6 26.6 66.6





#70

Pentachlorophenol

Concen: 23.272 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

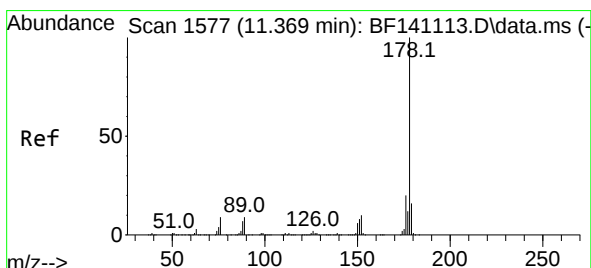
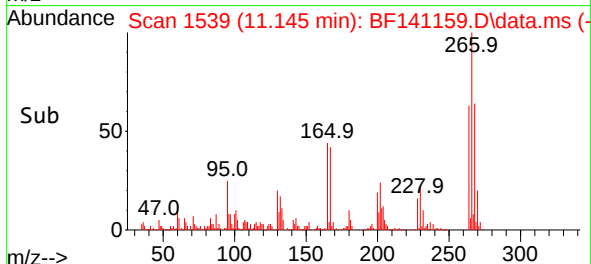
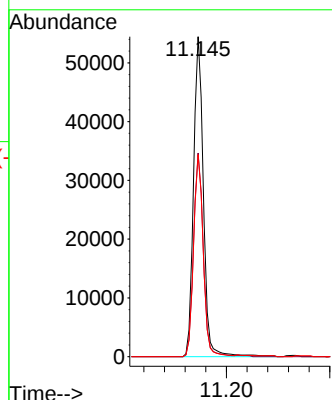
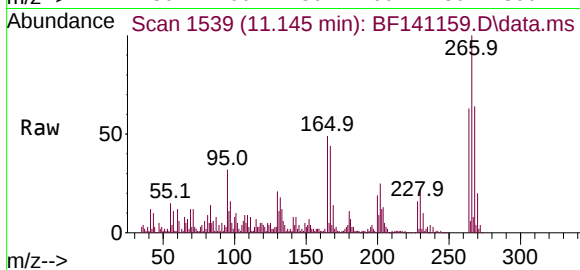
Tgt Ion:266 Resp: 72280

Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 63.2 50.2 75.2



#71

Phenanthrene

Concen: 39.082 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

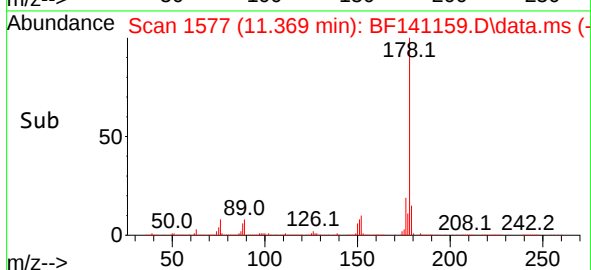
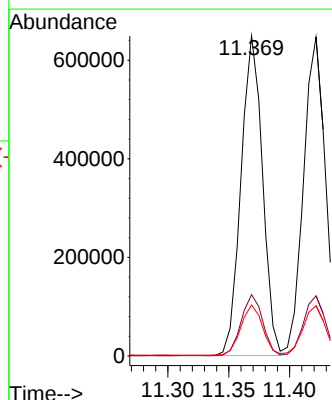
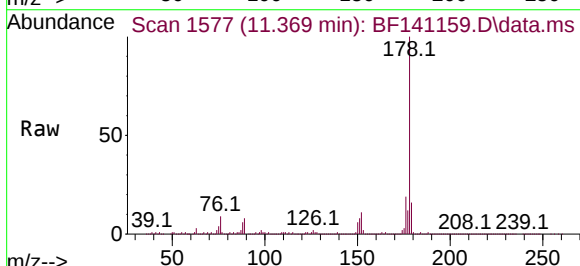
Tgt Ion:178 Resp: 793990

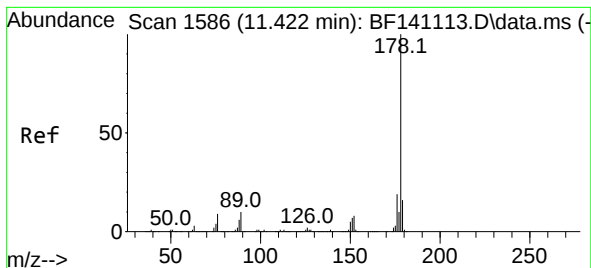
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.9 12.6 19.0





#72

Anthracene

Concen: 41.444 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

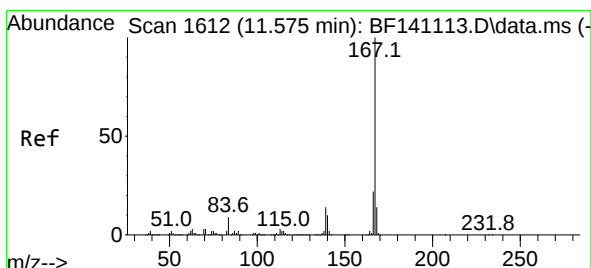
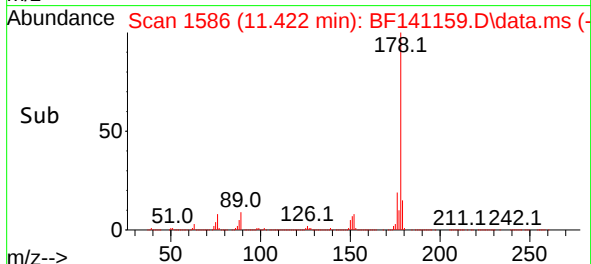
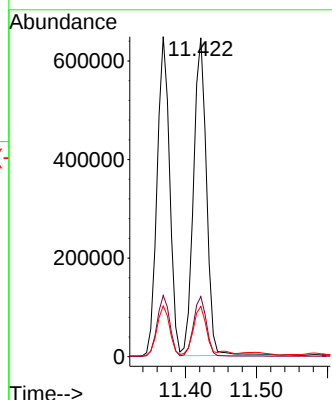
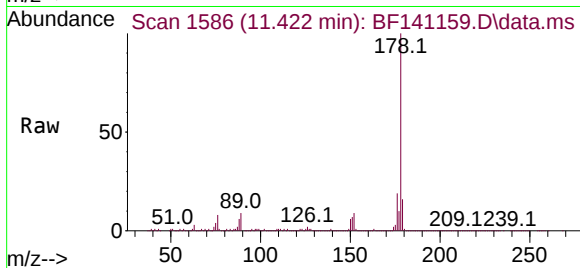
Tgt Ion:178 Resp: 818690

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.7 12.6 19.0



#73

Carbazole

Concen: 32.665 ng

RT: 11.575 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

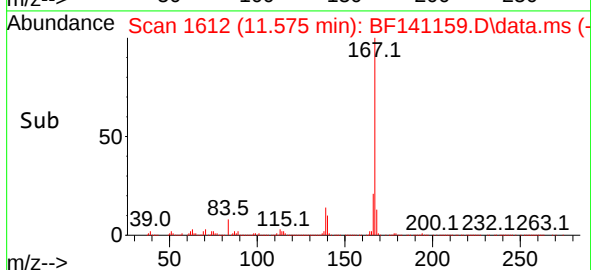
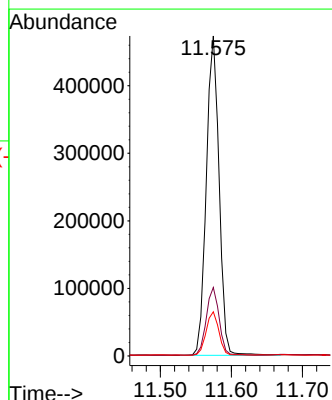
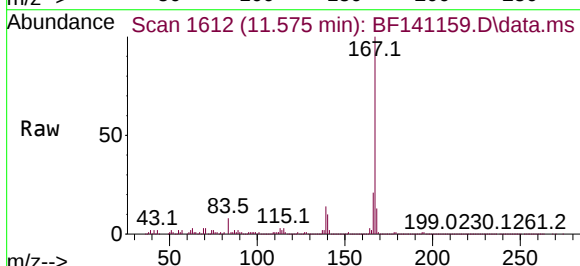
Tgt Ion:167 Resp: 591661

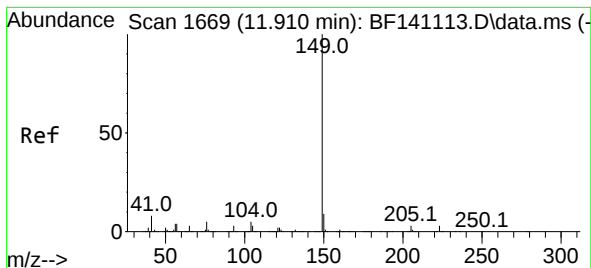
Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.8 10.9 16.3





#74

Di-n-butylphthalate

Concen: 36.684 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

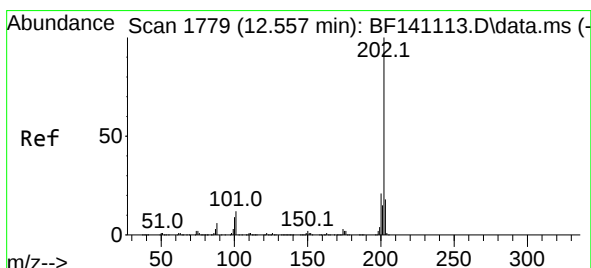
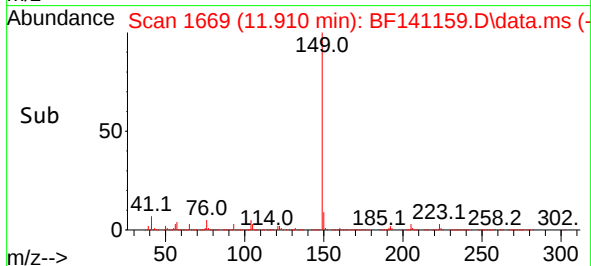
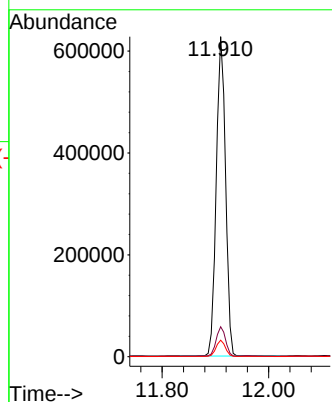
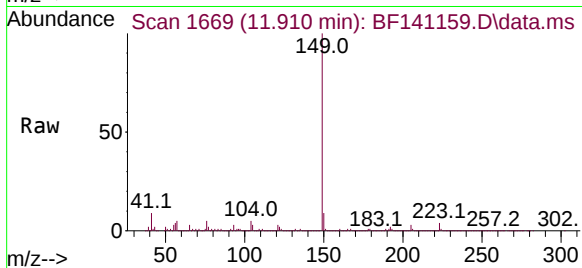
Tgt Ion:149 Resp: 760422

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 4.2 6.2



#75

Fluoranthene

Concen: 43.478 ng

RT: 12.557 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

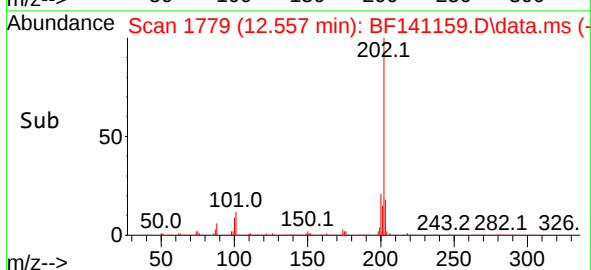
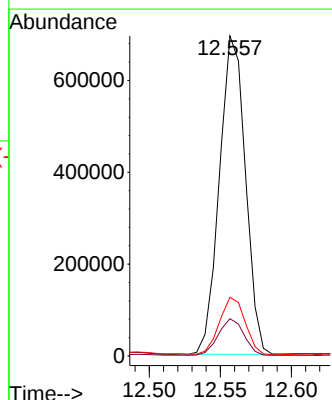
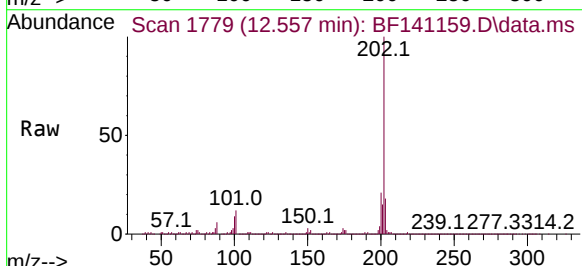
Tgt Ion:202 Resp: 881452

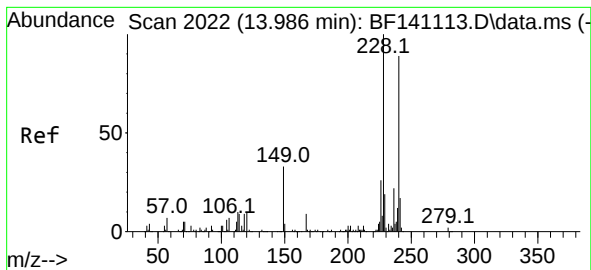
Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

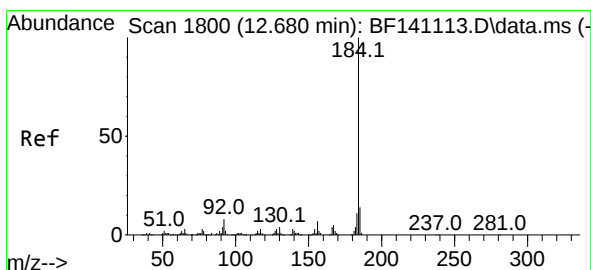
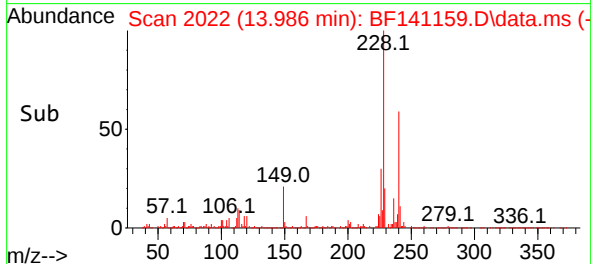
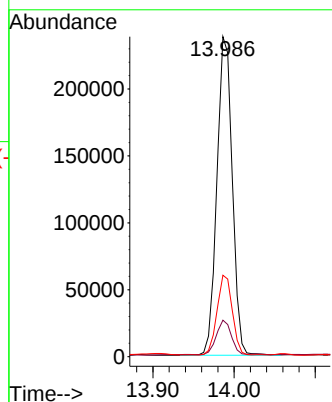
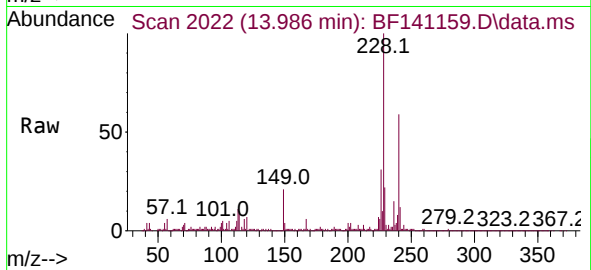
Tgt Ion:240 Resp: 313360

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

236 25.4 19.8 29.6



#77

Benzidine

Concen: 23.992 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

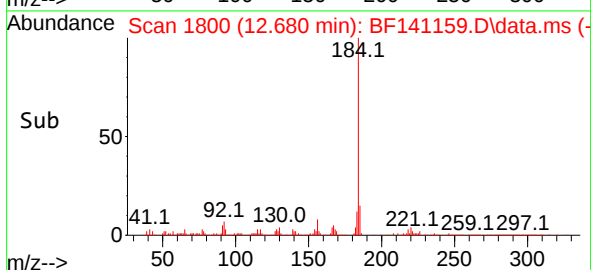
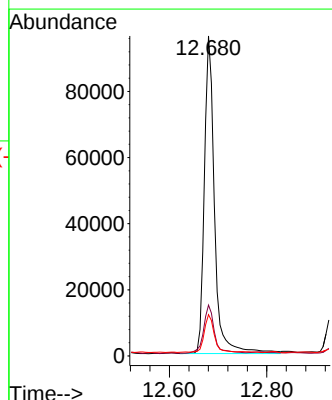
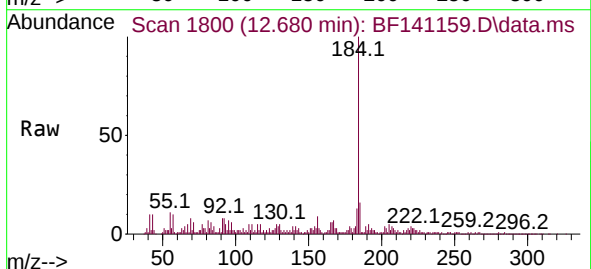
Tgt Ion:184 Resp: 139419

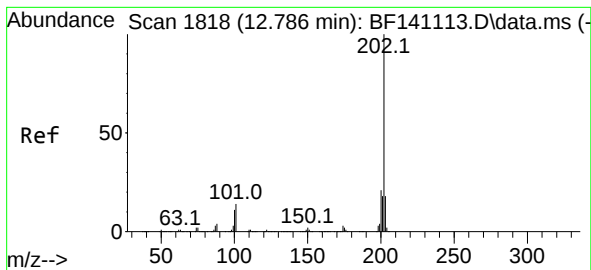
Ion Ratio Lower Upper

184 100

185 15.9 11.4 17.0

183 12.9 9.2 13.8





#78

Pyrene

Concen: 35.922 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

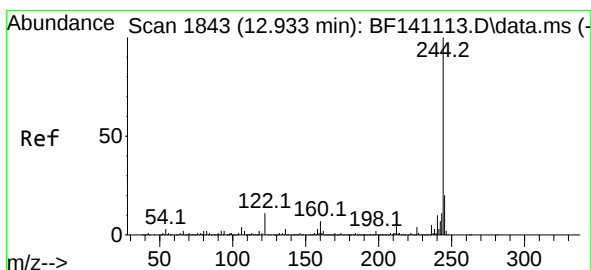
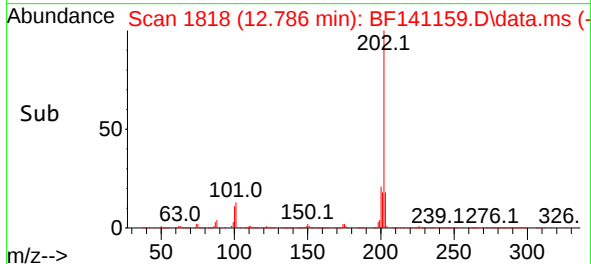
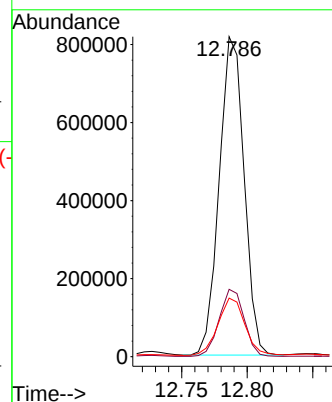
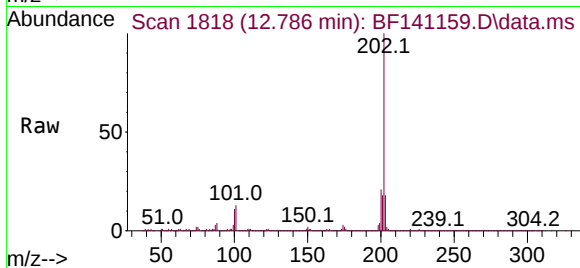
BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:202 Resp: 1075132

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.3	14.3	21.5



#79

Terphenyl-d14

Concen: 48.639 ng

RT: 12.933 min Scan# 1843

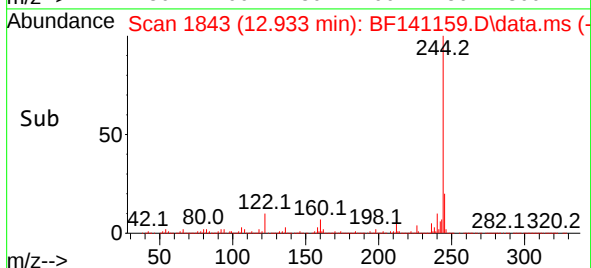
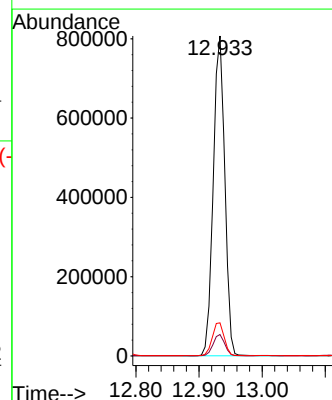
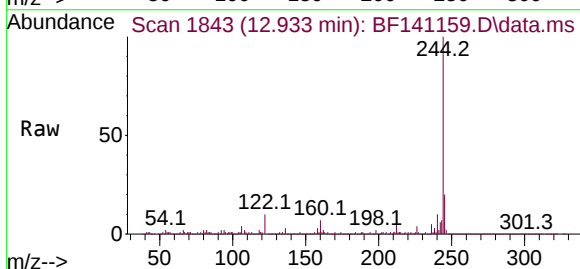
Delta R.T. -0.000 min

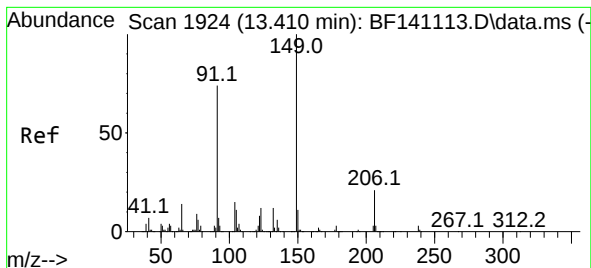
Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Tgt Ion:244 Resp: 1025474

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.4	8.8	13.2





#80

Butylbenzylphthalate

Concen: 30.221 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

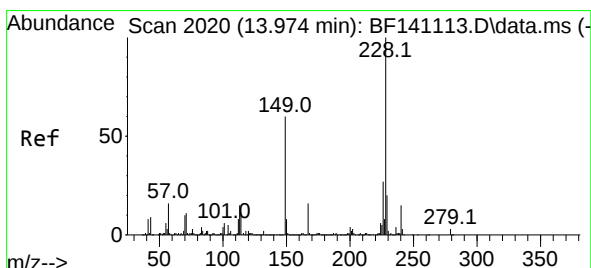
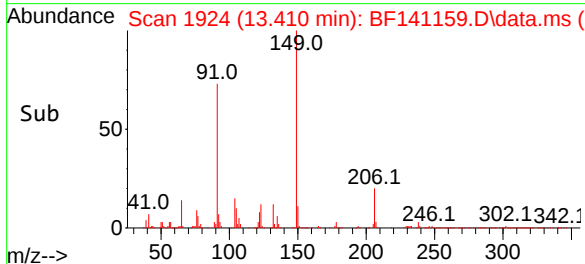
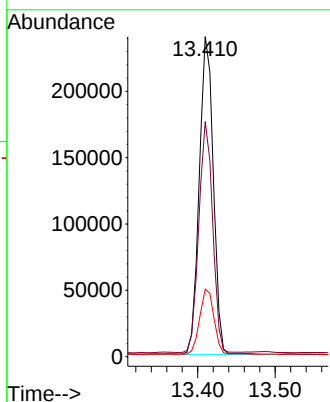
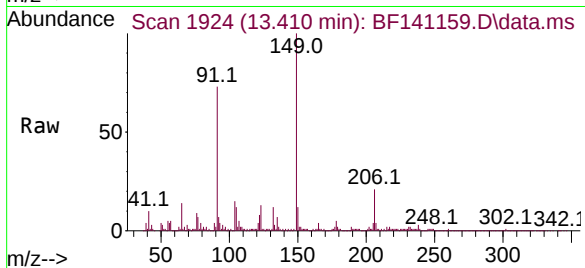
Tgt Ion:149 Resp: 301572

Ion Ratio Lower Upper

149 100

91 73.5 59.0 88.6

206 21.1 16.5 24.7



#81

Benzo(a)anthracene

Concen: 40.673 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

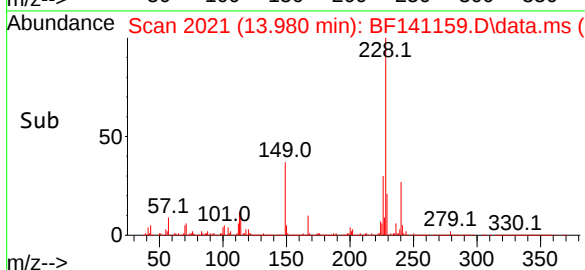
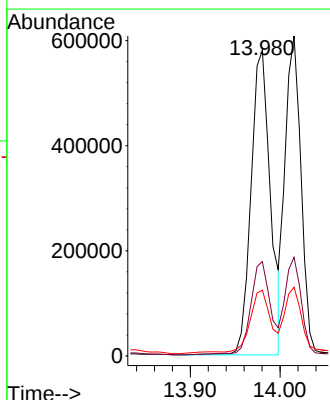
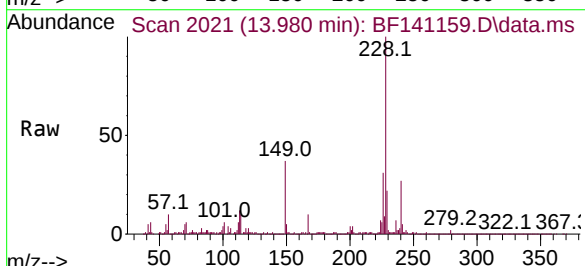
Tgt Ion:228 Resp: 867394

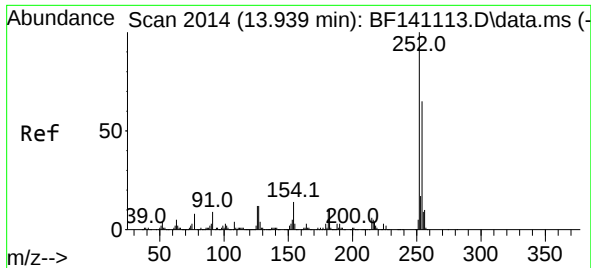
Ion Ratio Lower Upper

228 100

226 30.9 21.7 32.5

229 21.5 15.7 23.5

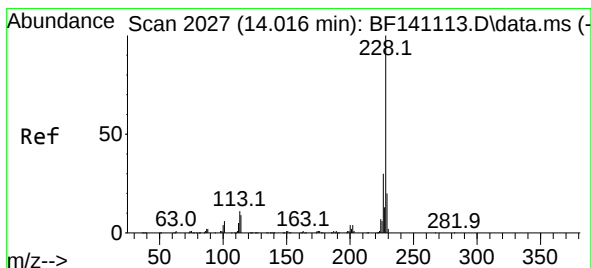
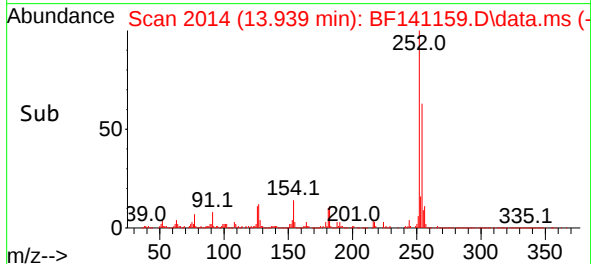
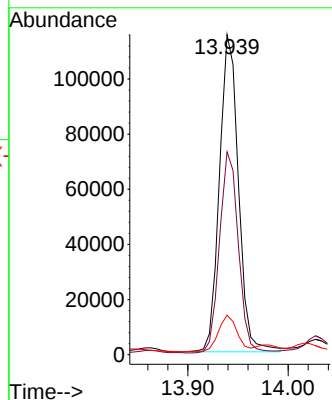
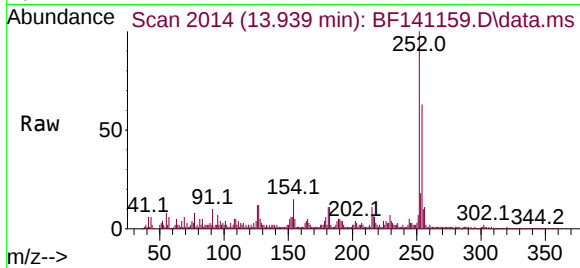




#82
3,3'-Dichlorobenzidine
Concen: 22.238 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

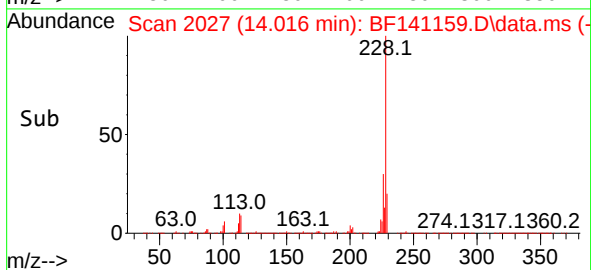
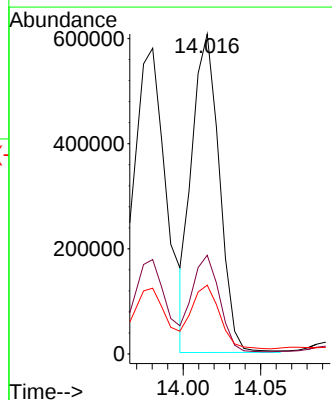
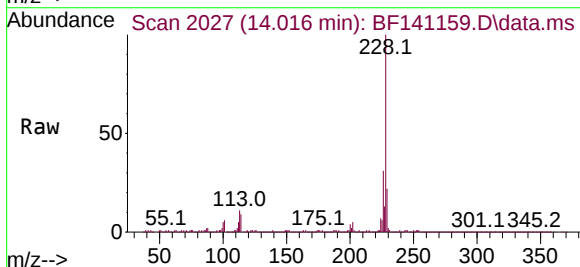
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

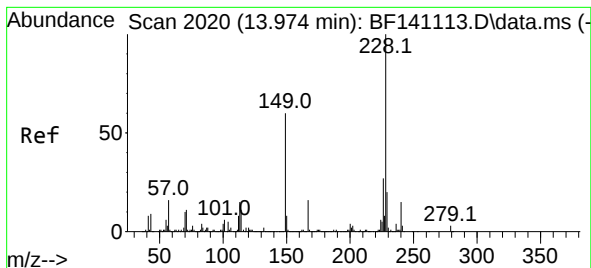
Tgt Ion:252 Resp: 151012
Ion Ratio Lower Upper
252 100
254 63.4 52.0 78.0
126 12.4 9.4 14.0



#83
Chrysene
Concen: 37.370 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:228 Resp: 745700
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 21.5 15.8 23.8

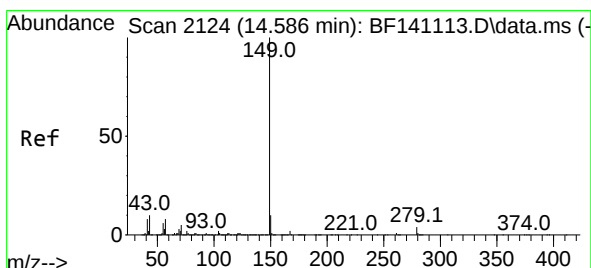
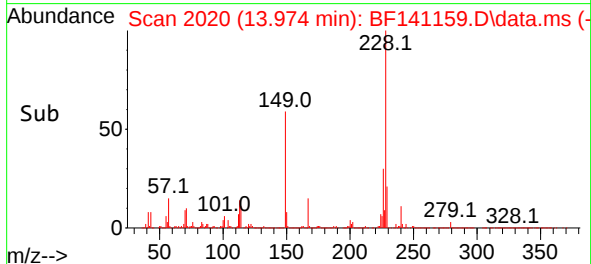
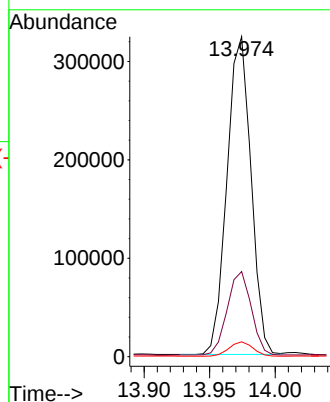
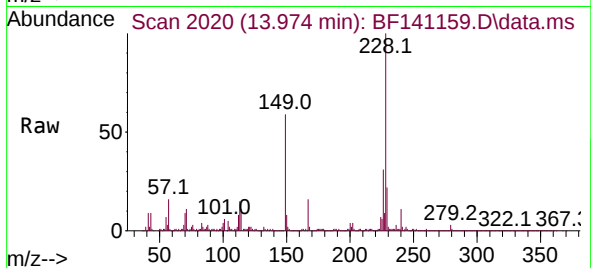




#84
Bis(2-ethylhexyl)phthalate
Concen: 34.363 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

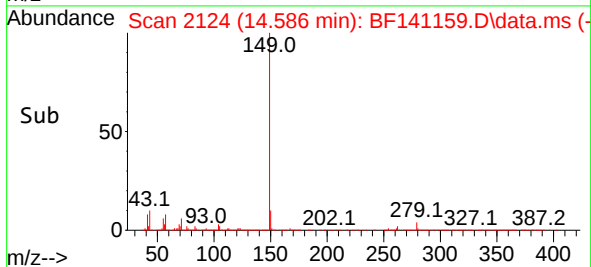
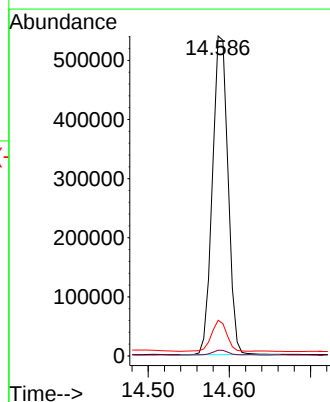
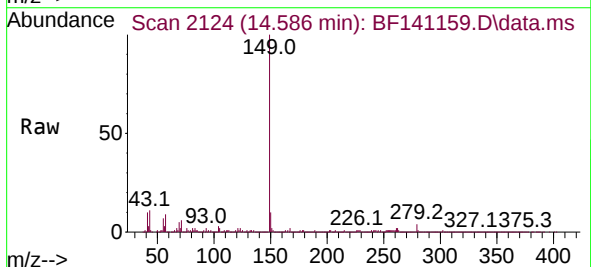
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

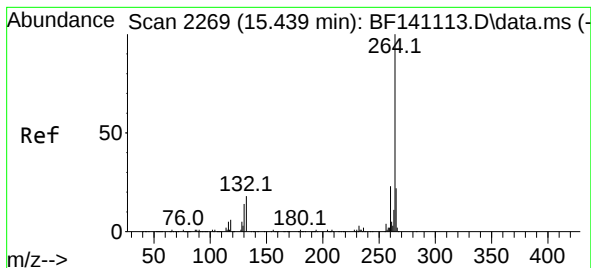
Tgt Ion:149 Resp: 411433
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.2
279 4.7 3.4 5.2



#85
Di-n-octyl phthalate
Concen: 39.677 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:149 Resp: 717369
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

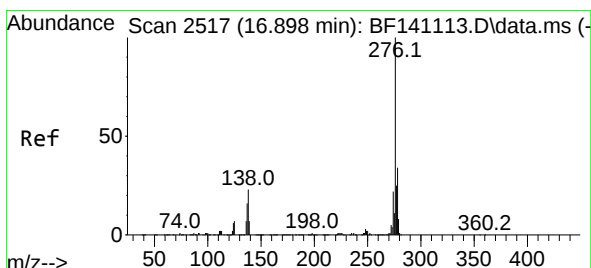
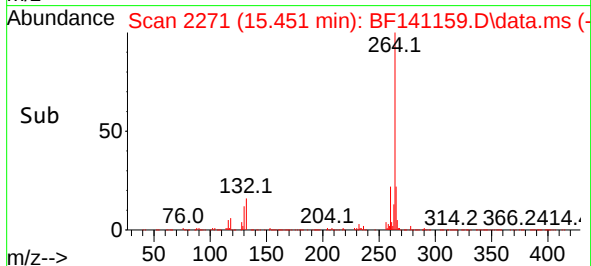
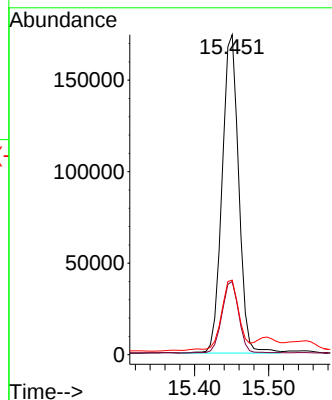
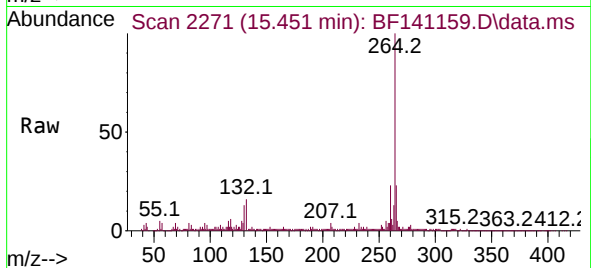
Tgt Ion:264 Resp: 270754

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 23.3 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 32.240 ng

RT: 16.904 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

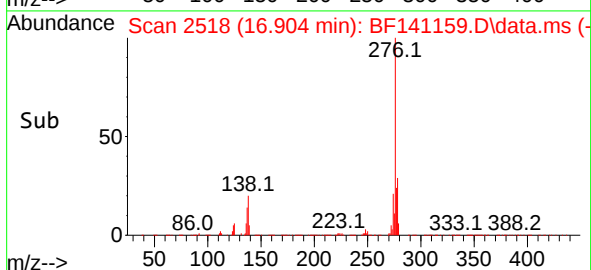
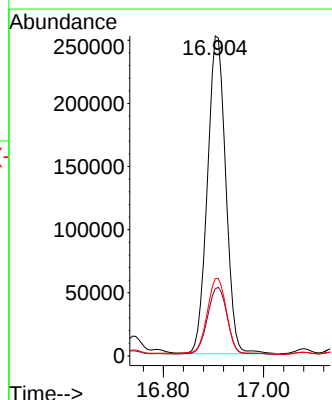
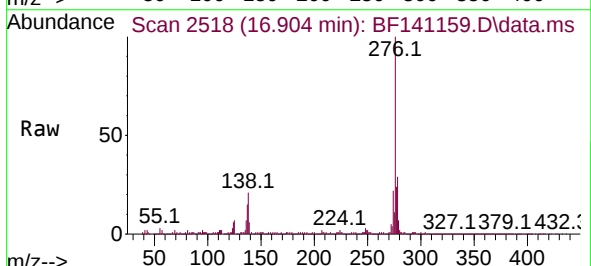
Tgt Ion:276 Resp: 639511

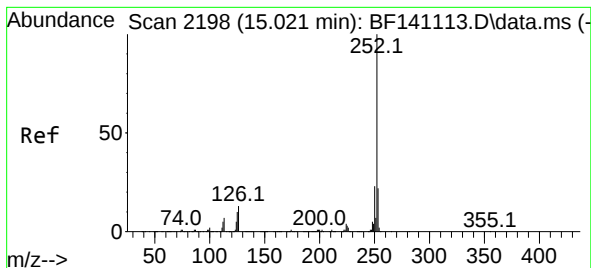
Ion Ratio Lower Upper

276 100

138 22.9 20.7 31.1

277 25.4 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 44.745 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

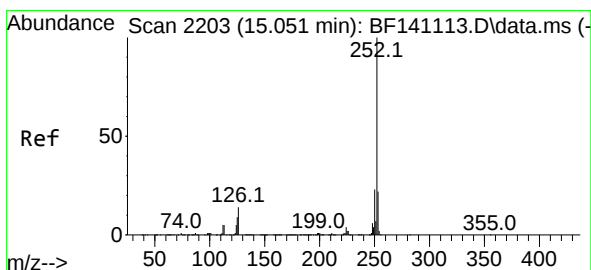
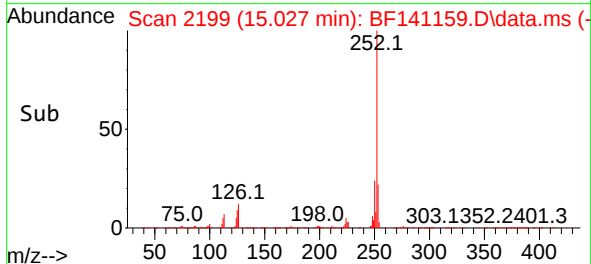
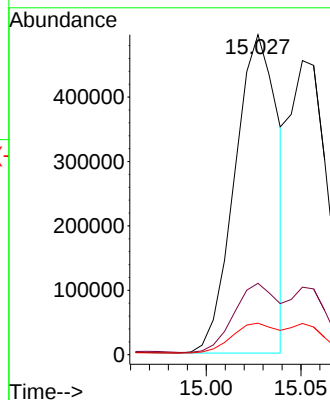
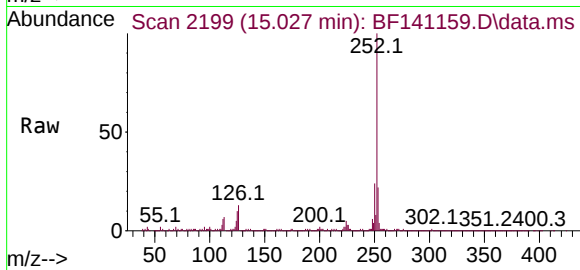
Tgt Ion:252 Resp: 781207

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.9 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 52.947 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

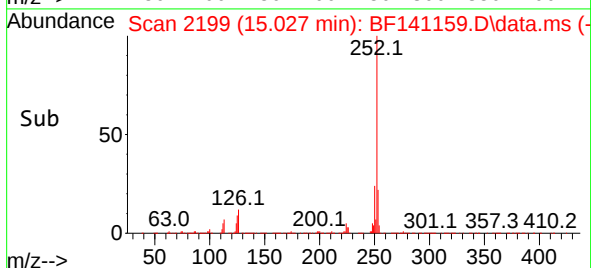
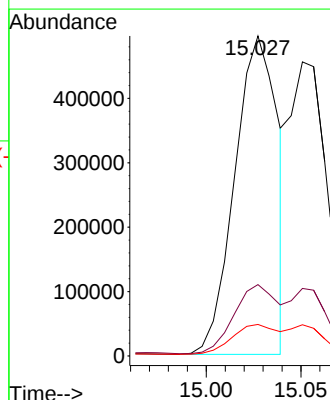
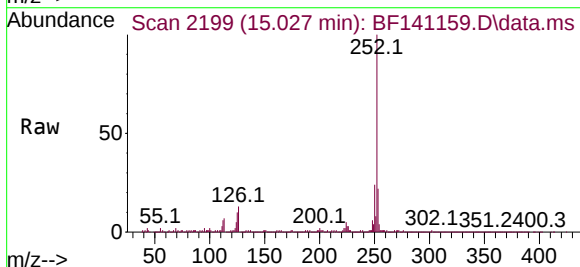
Tgt Ion:252 Resp: 781207

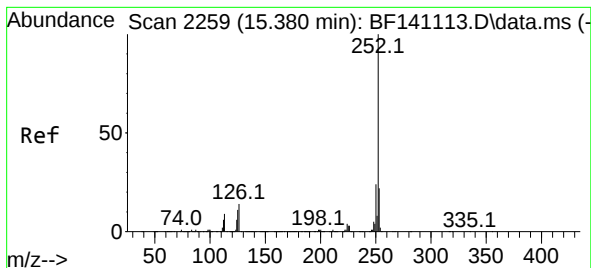
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.9 7.9 11.9





#90

Benzo(a)pyrene

Concen: 49.572 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

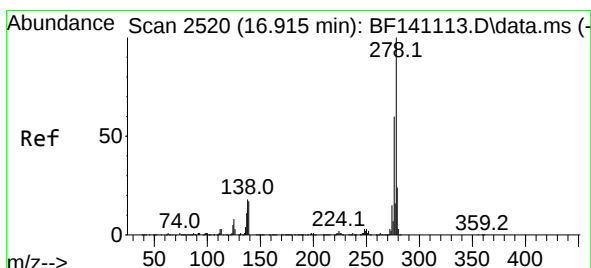
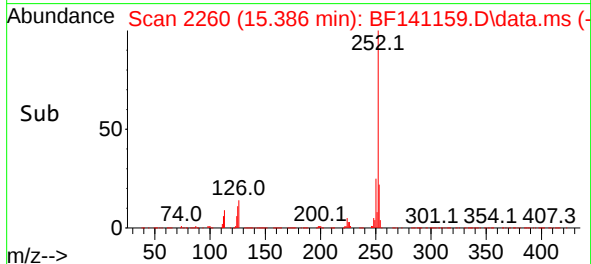
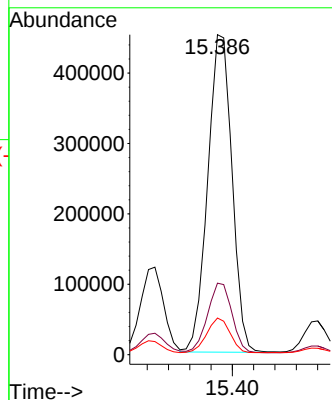
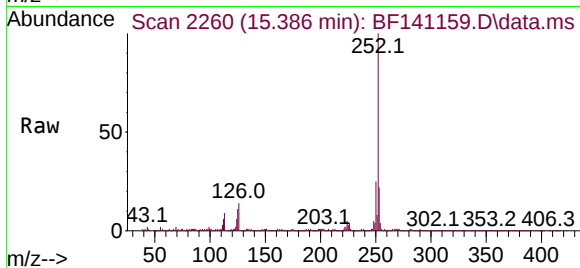
Tgt Ion:252 Resp: 714076

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.5 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 26.724 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

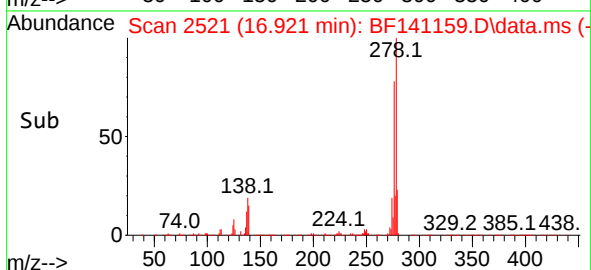
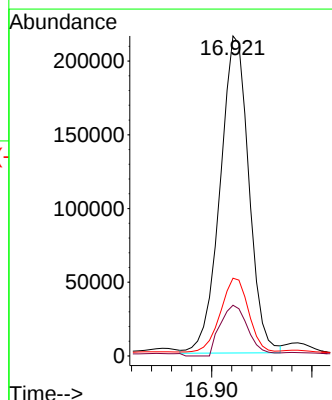
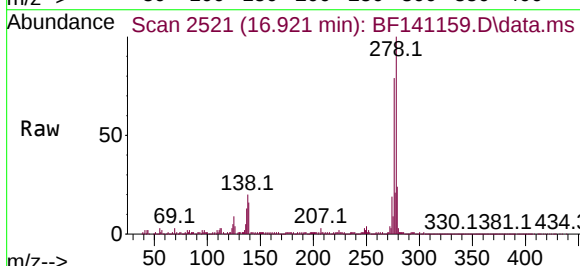
Tgt Ion:278 Resp: 428753

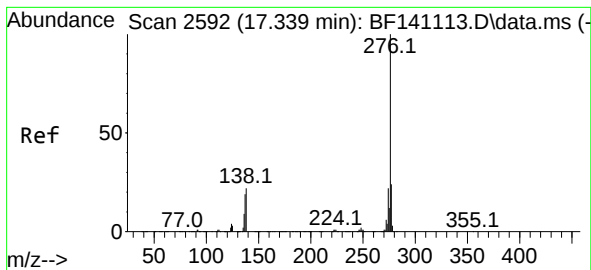
Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.6

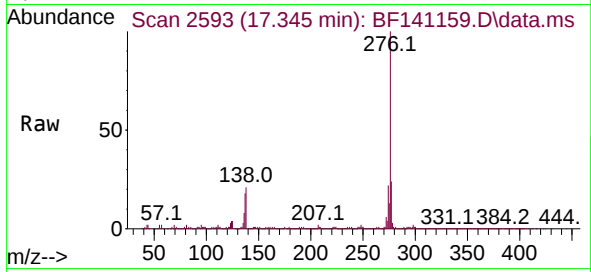
279 24.3 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 33.663 ng
 RT: 17.345 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS



Tgt Ion:	276	Resp:	561761
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	21.0	17.4	26.2

