

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024288.D
 Acq On : 15 Apr 2025 10:36
 Operator : RC/JU
 Sample : PB167571BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167571BS

Quant Time: Apr 15 12:32:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	259716	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1063789	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	644416	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1218324	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1245628	20.000	ng	0.00
86) Perylene-d12	24.986	264	1446859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2116267	134.730	ng	0.00
7) Phenol-d6	6.922	99	2666040	123.956	ng	0.00
23) Nitrobenzene-d5	8.881	82	1651998	88.550	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1140669	127.937	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	3565479	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5403216	87.433	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	269475	40.560	ng	97
3) Pyridine	3.687	79	707412	40.323	ng	100
4) n-Nitrosodimethylamine	3.593	42	279775	48.051	ng	93
6) Aniline	7.069	93	582895	30.329	ng	100
8) 2-Chlorophenol	7.305	128	821912	46.867	ng	98
9) Benzaldehyde	6.887	77	320160	30.093	ng	99
10) Phenol	6.946	94	1004723	46.568	ng	97
11) bis(2-Chloroethyl)ether	7.164	93	765389	44.029	ng	98
12) 1,3-Dichlorobenzene	7.622	146	841537	44.573	ng	98
13) 1,4-Dichlorobenzene	7.769	146	856480	44.711	ng	99
14) 1,2-Dichlorobenzene	8.081	146	830239	44.884	ng	99
15) Benzyl Alcohol	7.969	79	642201	46.171	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.252	45	882263	46.954	ng	99
17) 2-Methylphenol	8.175	107	681007	48.792	ng	98
18) Hexachloroethane	8.805	117	322856	46.636	ng	98
19) n-Nitroso-di-n-propyla...	8.534	70	576738	43.344	ng	99
20) 3+4-Methylphenols	8.499	107	913643	47.177	ng	99
22) Acetophenone	8.546	105	1158022	43.982	ng	# 98
24) Nitrobenzene	8.922	77	860374	46.619	ng	97
25) Isophorone	9.446	82	1608265	47.626	ng	99
26) 2-Nitrophenol	9.628	139	414124	45.852	ng	98
27) 2,4-Dimethylphenol	9.693	122	758256	66.863	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	1019206	44.678	ng	99
29) 2,4-Dichlorophenol	10.163	162	719039	46.502	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	744890	44.962	ng	99
31) Naphthalene	10.558	128	2400513	42.838	ng	100
32) Benzoic acid	9.846	122	521254	39.447	ng	97
33) 4-Chloroaniline	10.669	127	232030	11.758	ng	98
34) Hexachlorobutadiene	10.840	225	443477	45.554	ng	98
35) Caprolactam	11.463	113	237502	41.628	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	811338	45.048	ng	99
37) 2-Methylnaphthalene	12.169	142	1516206	39.015	ng	98
38) 1-Methylnaphthalene	12.393	142	1580722	41.578	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	814243	45.946	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	1201613	191.717	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	565387	47.986	ng	99

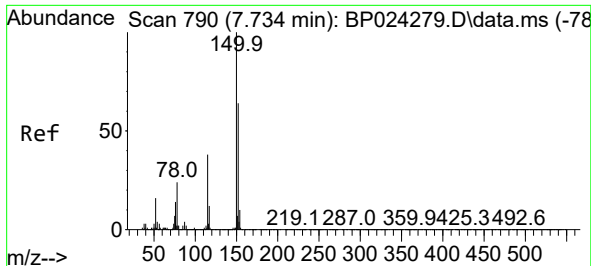
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 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	616241	47.231	ng	99
46) 1,1'-Biphenyl	13.187	154	2113453	44.618	ng	99
47) 2-Chloronaphthalene	13.228	162	1624770	45.895	ng	99
48) 2-Nitroaniline	13.434	65	489214	49.264	ng	94
49) Acenaphthylene	14.081	152	2694036	48.334	ng	100
50) Dimethylphthalate	13.822	163	2066432	44.095	ng	99
51) 2,6-Dinitrotoluene	13.940	165	447719	44.991	ng	97
52) Acenaphthene	14.428	154	1547704	43.799	ng	100
53) 3-Nitroaniline	14.275	138	190860	18.249	ng	99
54) 2,4-Dinitrophenol	14.481	184	567879	96.878	ng	94
55) Dibenzofuran	14.769	168	2421155	41.918	ng	97
56) 4-Nitrophenol	14.598	139	872194	96.557	ng	93
57) 2,4-Dinitrotoluene	14.740	165	633235	46.648	ng	99
58) Fluorene	15.428	166	1953457	43.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	534372	44.407	ng	98
60) Diethylphthalate	15.204	149	2098884	43.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	956490	44.052	ng	100
62) 4-Nitroaniline	15.457	138	458954	41.452	ng	91
63) Azobenzene	15.728	77	2011424	45.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	357727	46.573	ng	94
66) n-Nitrosodiphenylamine	15.646	169	1734841	47.707	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	637034	47.809	ng	99
68) Hexachlorobenzene	16.457	284	738729	46.657	ng	98
69) Atrazine	16.628	200	600012	64.785	ng	99
70) Pentachlorophenol	16.810	266	1032992	93.520	ng	99
71) Phenanthrene	17.210	178	3009831	45.286	ng	100
72) Anthracene	17.304	178	3059702	47.766	ng	99
73) Carbazole	17.587	167	2874727	45.930	ng	99
74) Di-n-butylphthalate	18.175	149	3652206	46.837	ng	99
75) Fluoranthene	19.298	202	3489735	44.148	ng	100
77) Benzidine	19.492	184	1098443	69.568	ng	99
78) Pyrene	19.675	202	3597026	45.439	ng	99
80) Butylbenzylphthalate	20.628	149	1696281	50.028	ng	95
81) Benzo(a)anthracene	21.604	228	3660596	47.280	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	702283	25.843	ng	99
83) Chrysene	21.675	228	3407456	45.938	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	2560024	51.504	ng	99
85) Di-n-octyl phthalate	22.833	149	4289111	53.078	ng	100
87) Indeno(1,2,3-cd)pyrene	28.810	276	4906766m	48.849	ng	
88) Benzo(b)fluoranthene	23.933	252	4030455	46.473	ng	99
89) Benzo(k)fluoranthene	24.004	252	3893229	46.474	ng	99
90) Benzo(a)pyrene	24.845	252	3794930	50.728	ng	100
91) Dibenzo(a,h)anthracene	28.910	278	4050635	48.584	ng	99
92) Benzo(g,h,i)perylene	30.004	276	3956164	46.618	ng	98

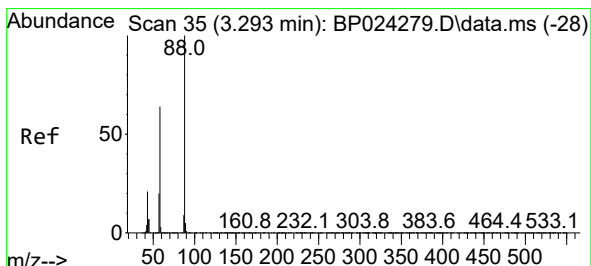
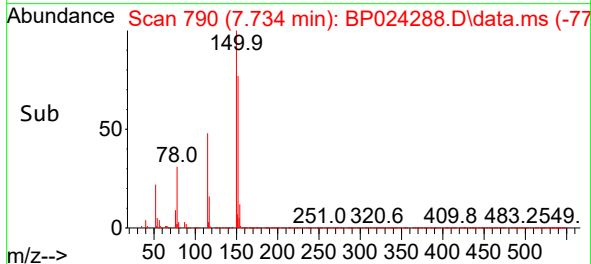
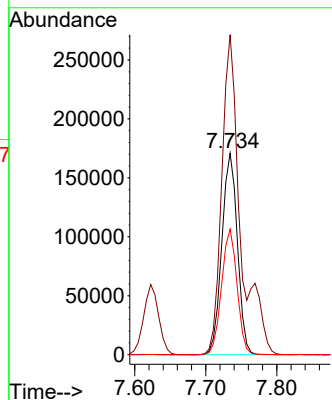
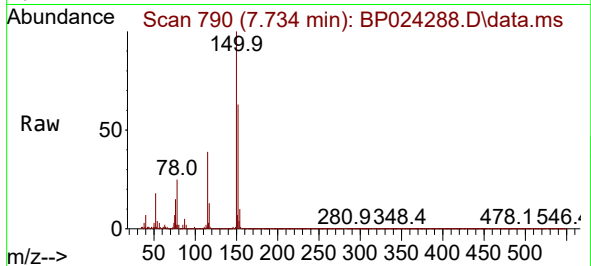
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: BP024288.D
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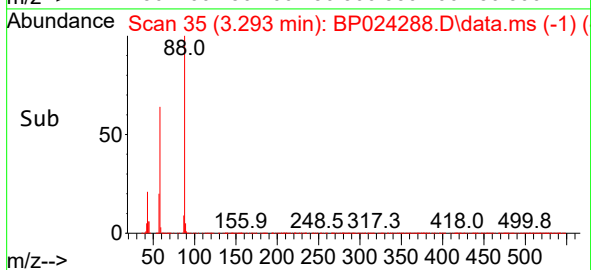
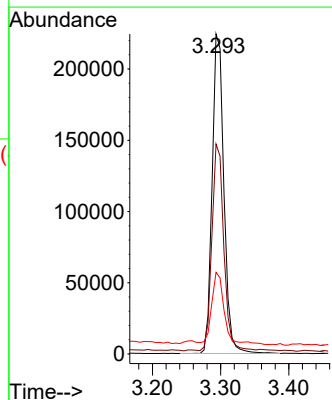
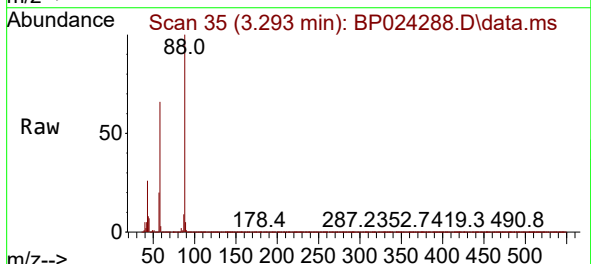
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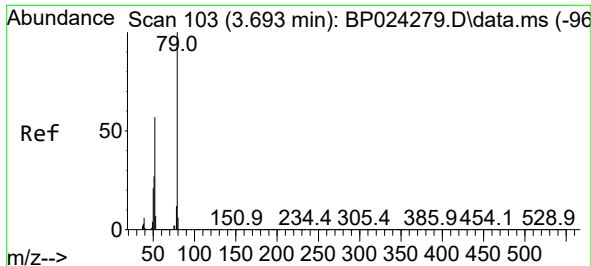
Tgt Ion:152 Resp: 259716
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.9 187.3
 115 62.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 40.560 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BP024288.D
 Acq: 15 Apr 2025 10:36

Tgt Ion: 88 Resp: 269475
 Ion Ratio Lower Upper
 88 100
 58 65.6 51.4 77.2
 43 24.0 17.1 25.7

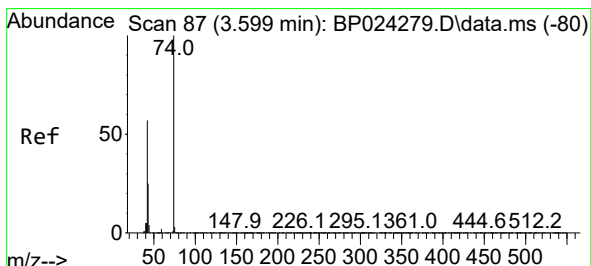
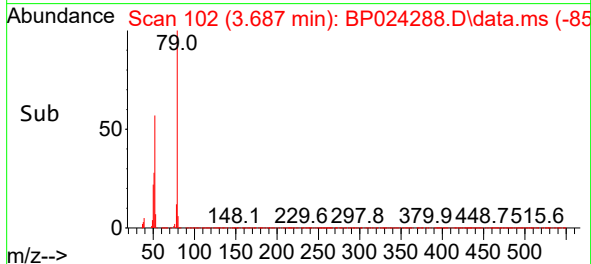
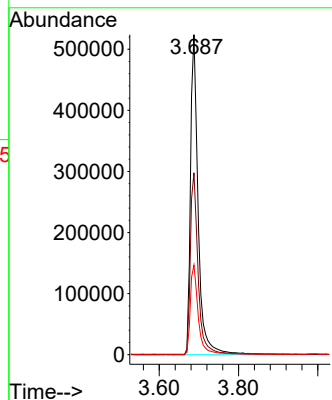
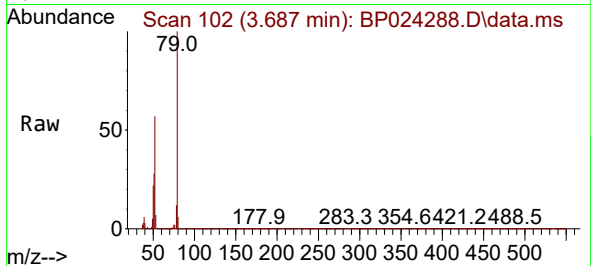




#3
Pyridine
Concen: 40.323 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

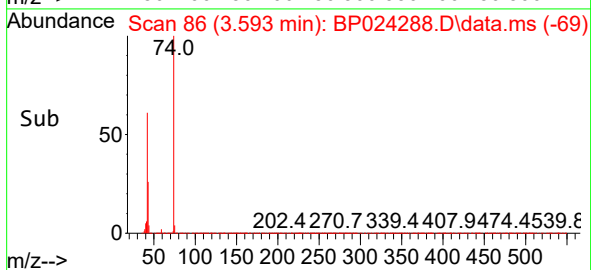
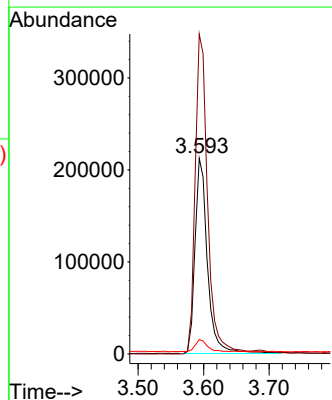
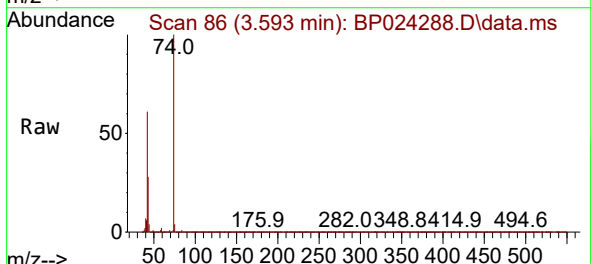
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BNA_P
ClientSampleId :
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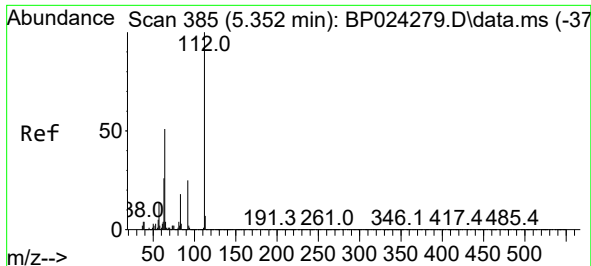
Tgt Ion: 79 Resp: 707412
Ion Ratio Lower Upper
79 100
52 56.9 45.4 68.2
51 28.0 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 48.051 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 42 Resp: 279775
Ion Ratio Lower Upper
42 100
74 163.6 139.5 209.3
44 7.4 5.8 8.8

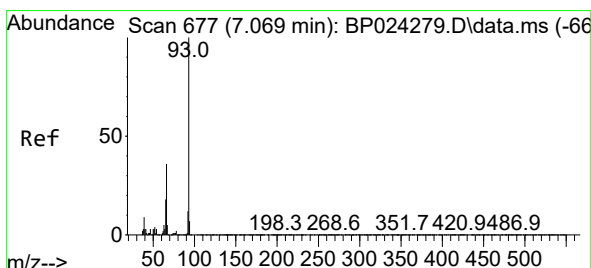
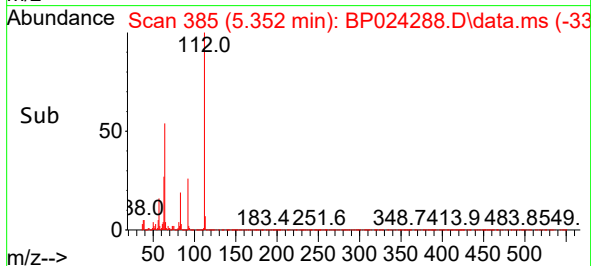
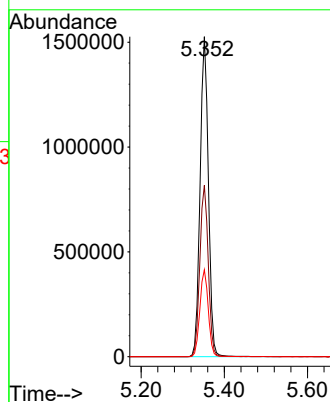
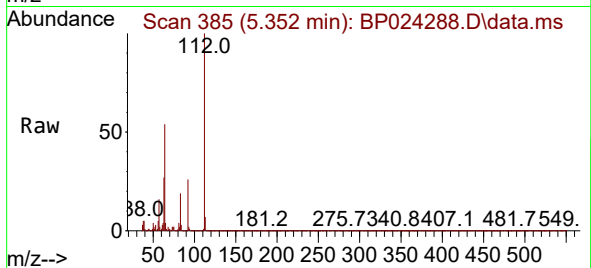




#5
2-Fluorophenol
Concen: 134.730 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

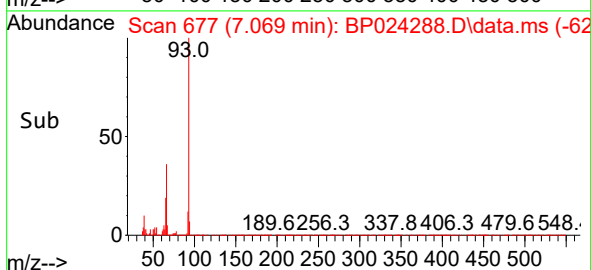
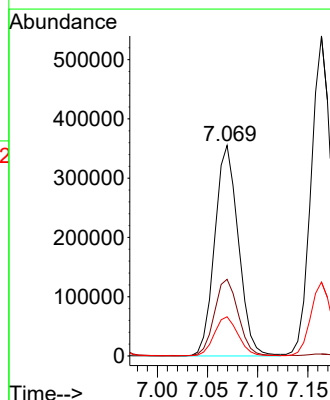
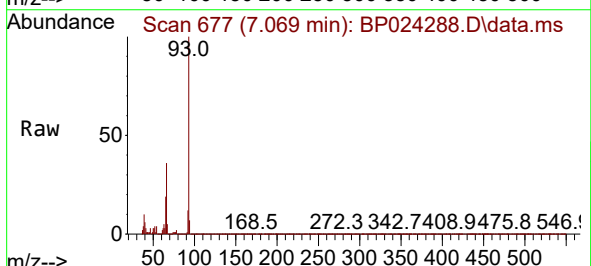
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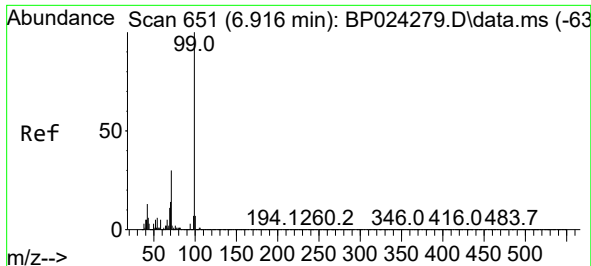
Tgt Ion:112 Resp: 2116267
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 27.1 20.6 30.8



#6
Aniline
Concen: 30.329 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 93 Resp: 582895
Ion Ratio Lower Upper
93 100
66 36.4 29.1 43.7
65 18.6 14.7 22.1

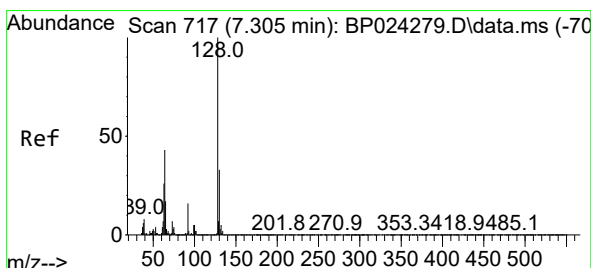
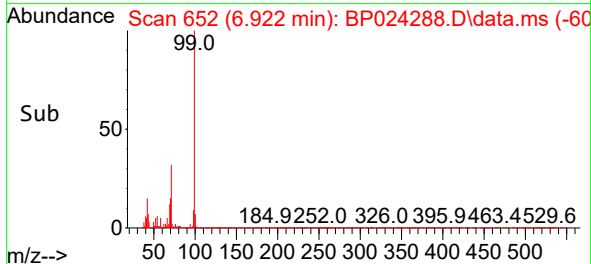
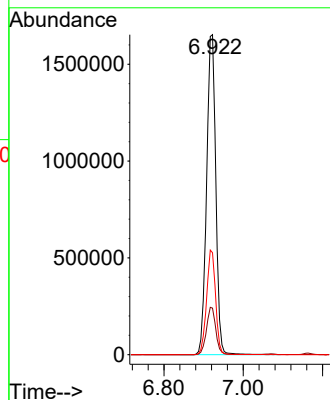
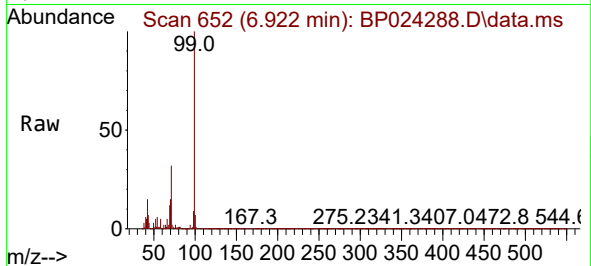




#7
Phenol-d6
Concen: 123.956 ng
RT: 6.922 min Scan# 651
Delta R.T. 0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

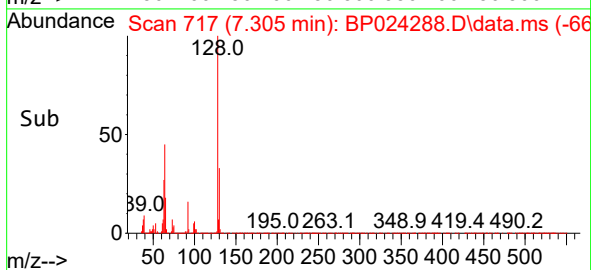
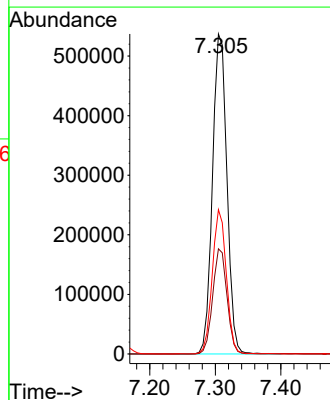
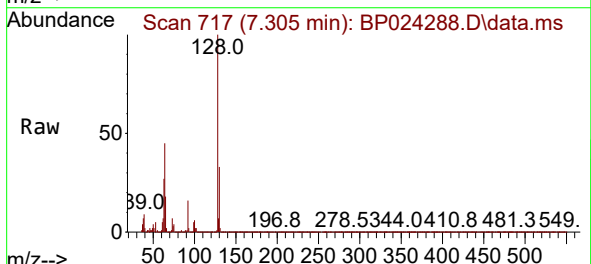
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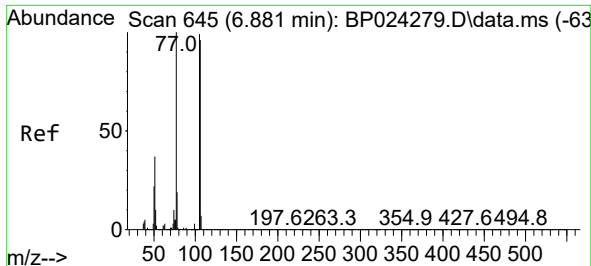
Tgt Ion: 99 Resp: 2666040
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 31.8 23.7 35.5



#8
2-Chlorophenol
Concen: 46.867 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 128 Resp: 821912
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 45.1 22.7 62.7

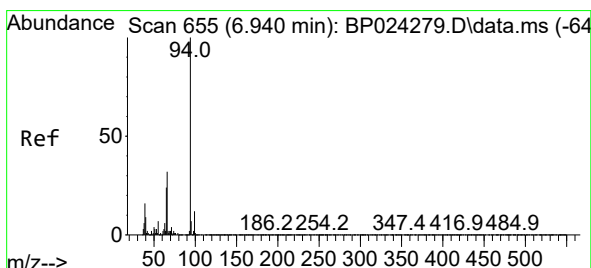
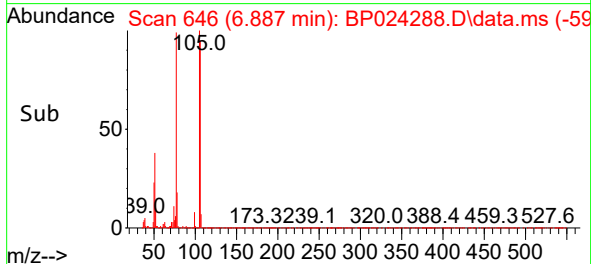
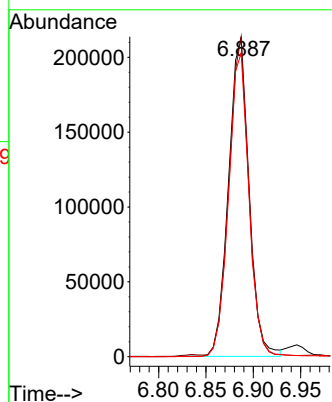
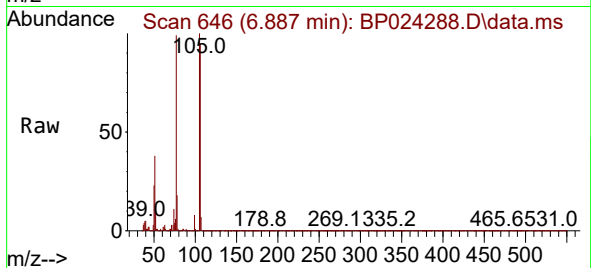




#9
Benzaldehyde
Concen: 30.093 ng
RT: 6.887 min Scan# 645
Delta R.T. 0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

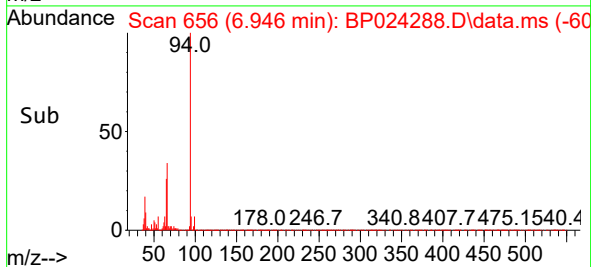
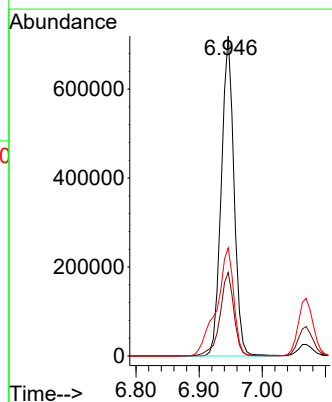
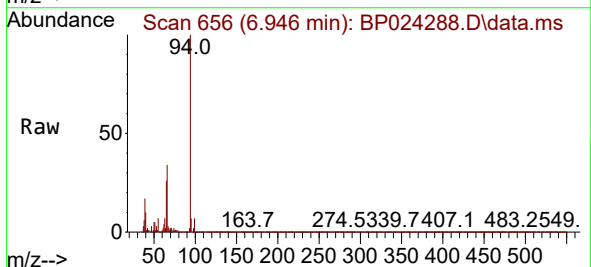
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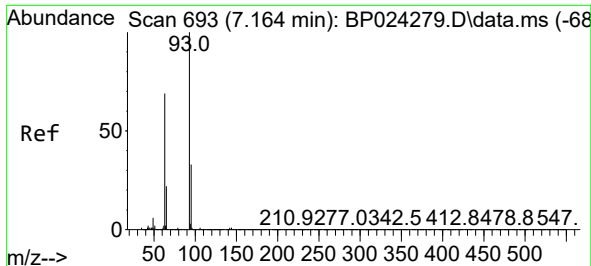
Tgt Ion: 77 Resp: 320160
Ion Ratio Lower Upper
77 100
105 100.9 79.2 119.2
106 95.8 76.2 116.2



#10
Phenol
Concen: 46.568 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 94 Resp: 1004723
Ion Ratio Lower Upper
94 100
65 26.1 4.5 44.5
66 33.8 12.4 52.4

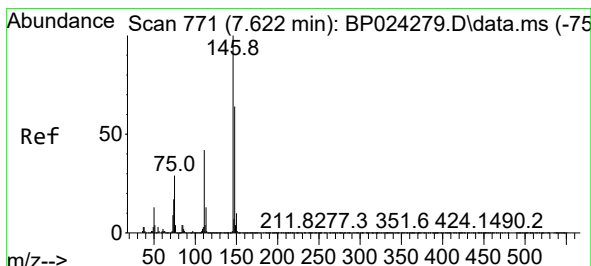
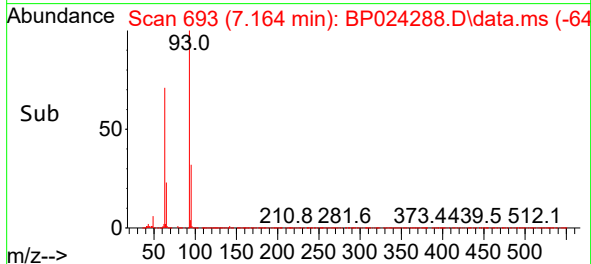
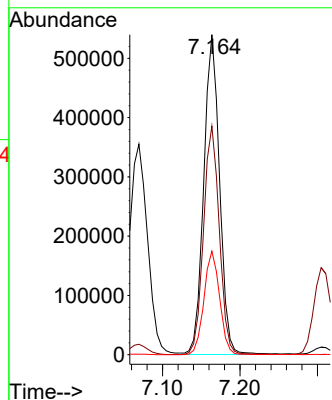
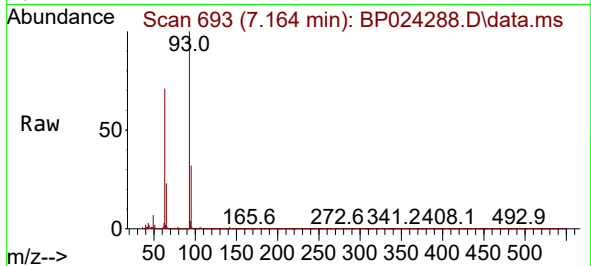




#11
bis(2-Chloroethyl)ether
Concen: 44.029 ng
RT: 7.164 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

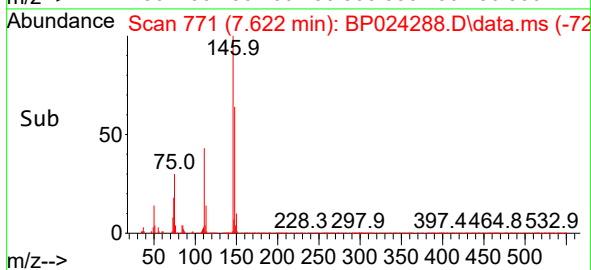
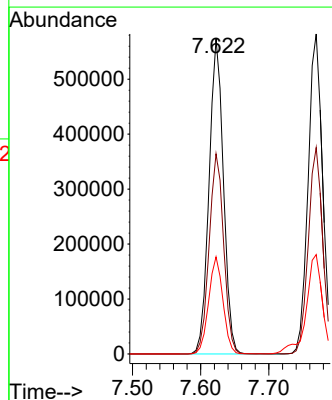
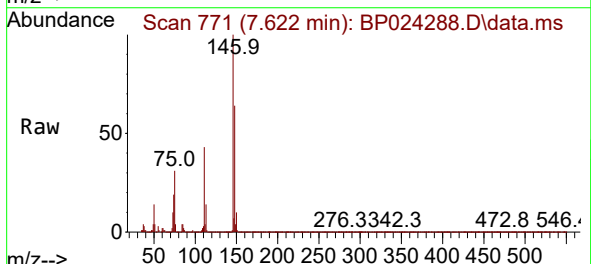
Instrument :
BNA_P
ClientSampleId :
PB167571BS

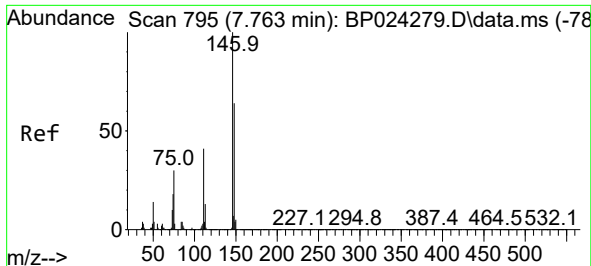
Tgt Ion: 93 Resp: 765389
Ion Ratio Lower Upper
93 100
63 71.4 48.6 88.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.573 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 146 Resp: 841537
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 30.9 22.9 34.3

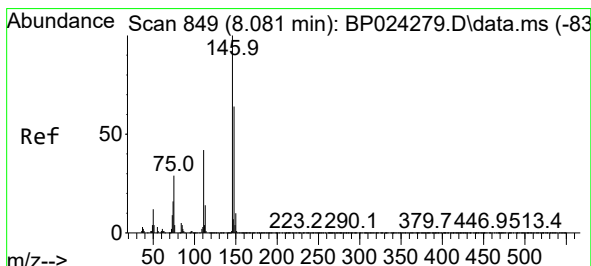
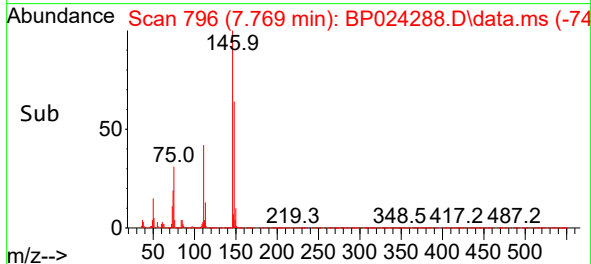
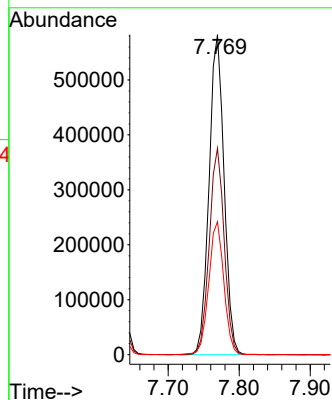
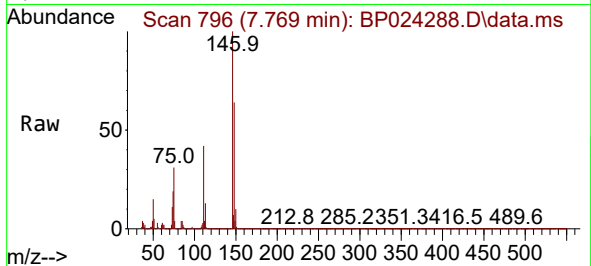




#13
1,4-Dichlorobenzene
Concen: 44.711 ng
RT: 7.769 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

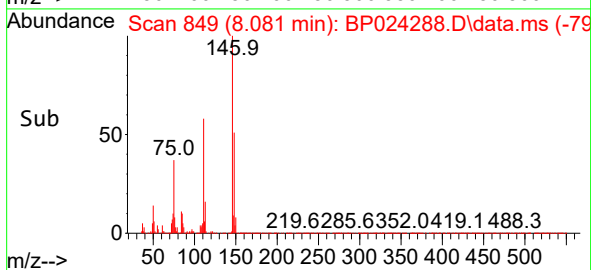
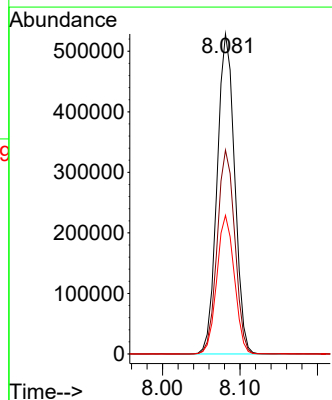
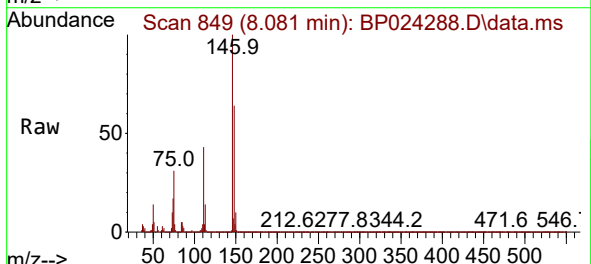
Instrument :
BNA_P
ClientSampleId :
PB167571BS

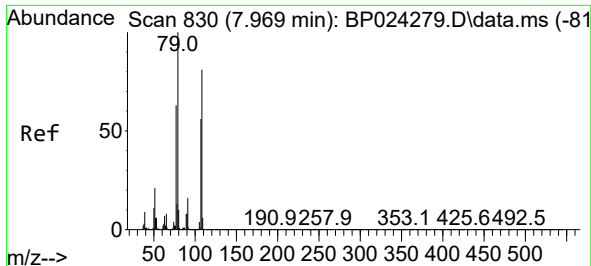
Tgt Ion:146 Resp: 856480
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.884 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:146 Resp: 830239
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 43.3 33.8 50.8

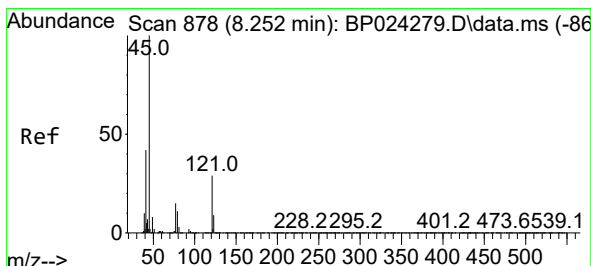
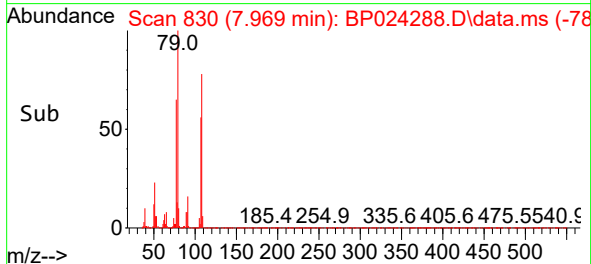
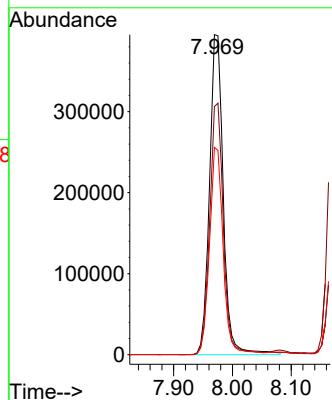
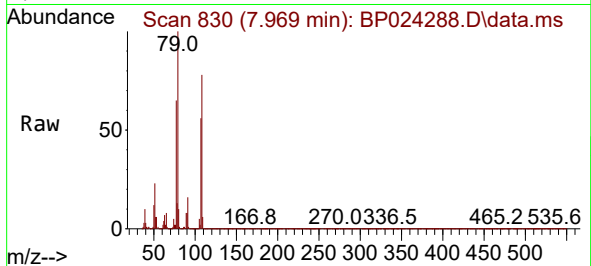




#15
Benzyl Alcohol
Concen: 46.171 ng
RT: 7.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

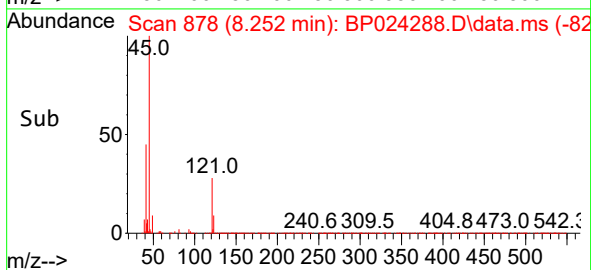
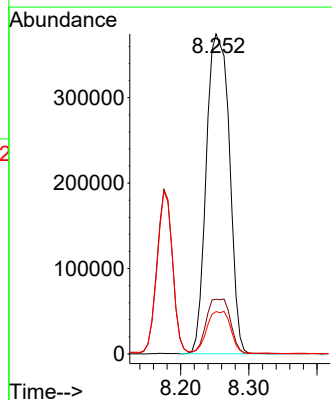
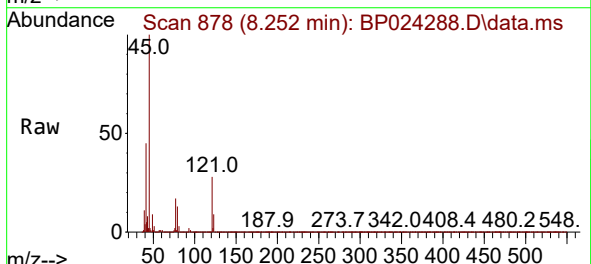
Instrument :
BNA_P
ClientSampleId :
PB167571BS

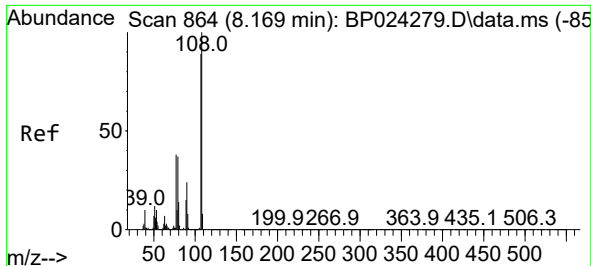
Tgt Ion: 79 Resp: 642201
Ion Ratio Lower Upper
79 100
108 77.5 65.1 97.7
77 64.8 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.954 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 45 Resp: 882263
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 13.2 0.0 33.5





#17

2-Methylphenol

Concen: 48.792 ng

RT: 8.175 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

Tgt Ion:107 Resp: 681007

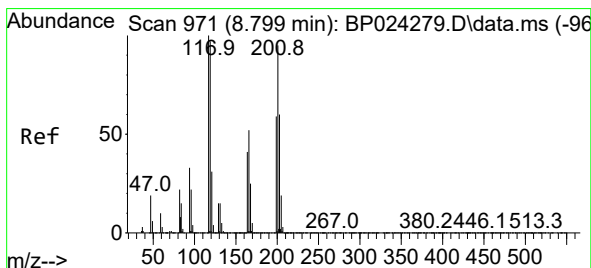
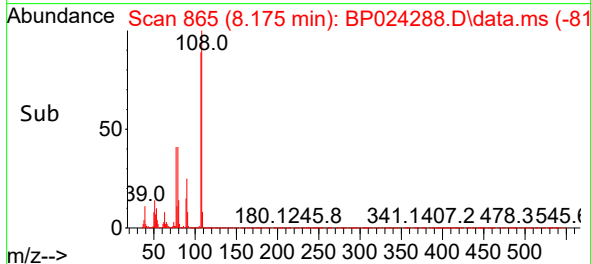
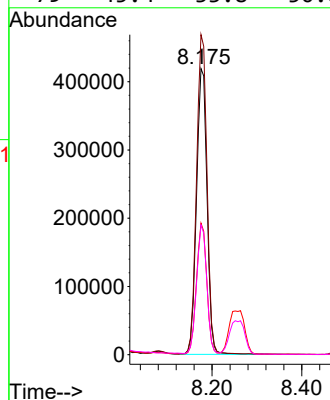
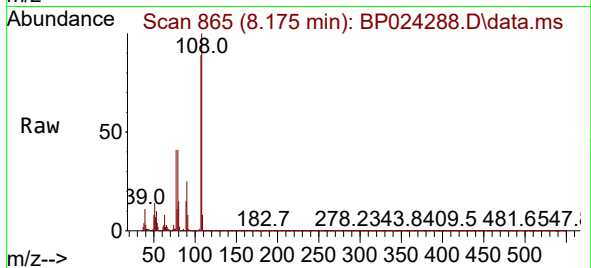
Ion Ratio Lower Upper

107 100

108 111.9 89.8 134.6

77 46.0 34.2 51.4

79 45.4 33.8 50.8



#18

Hexachloroethane

Concen: 46.636 ng

RT: 8.805 min Scan# 972

Delta R.T. 0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

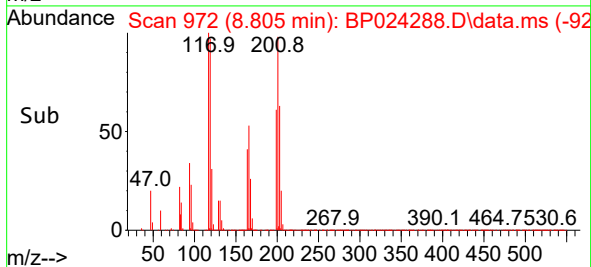
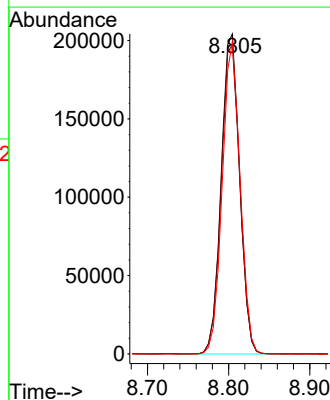
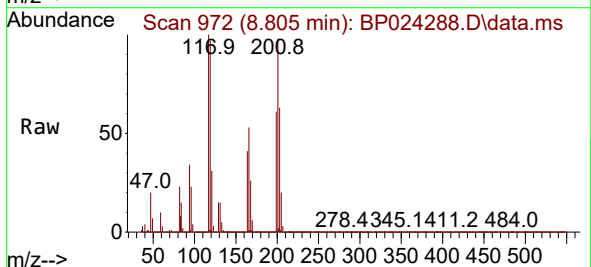
Tgt Ion:117 Resp: 322856

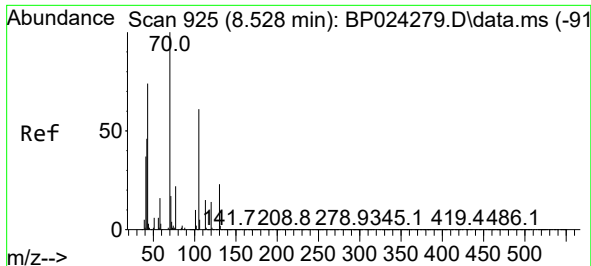
Ion Ratio Lower Upper

117 100

119 96.7 77.8 116.6

201 97.6 75.9 113.9

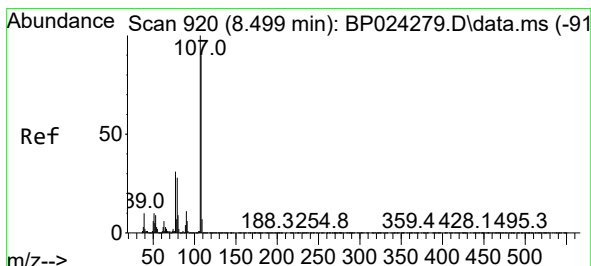
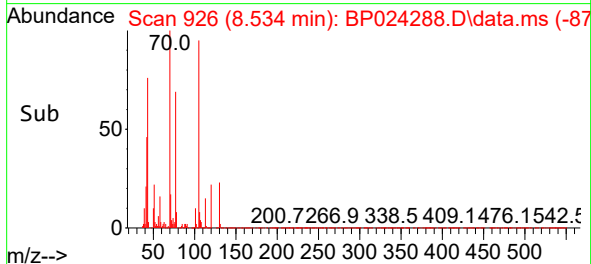
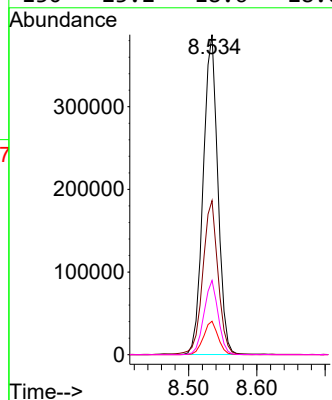
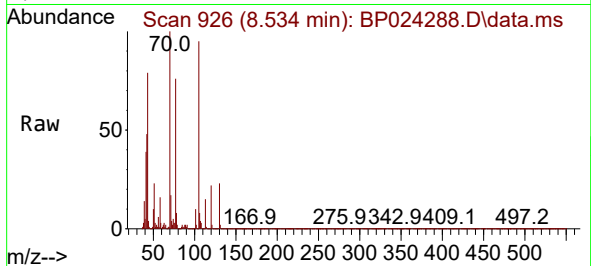




#19
n-Nitroso-di-n-propylamine
Concen: 43.344 ng
RT: 8.534 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

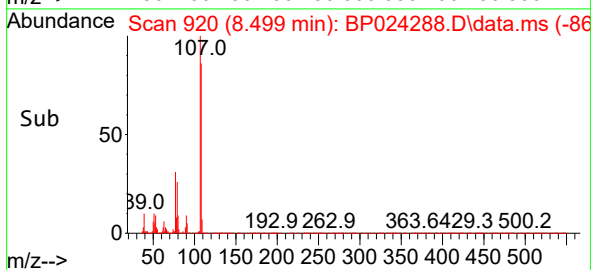
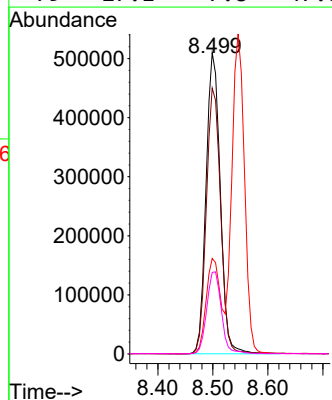
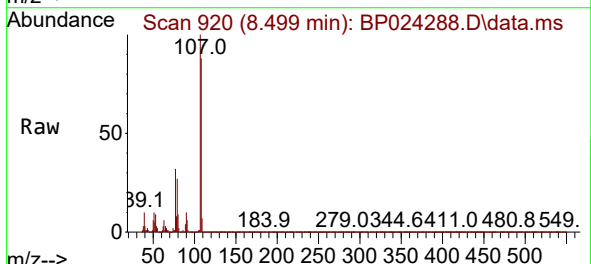
Instrument :
BNA_P
ClientSampleId :
PB167571BS

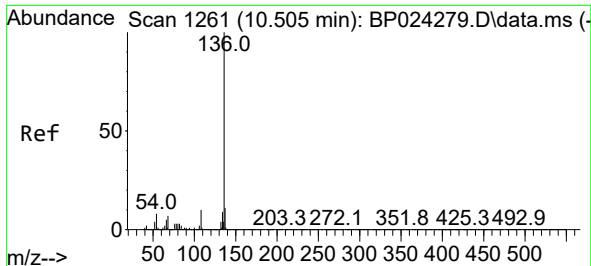
Tgt Ion: 70 Resp: 576738
Ion Ratio Lower Upper
70 100
42 48.1 37.3 55.9
101 10.4 8.2 12.4
130 23.2 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.177 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 107 Resp: 913643
Ion Ratio Lower Upper
107 100
108 88.3 69.8 109.8
77 31.7 11.5 51.5
79 27.1 7.8 47.8

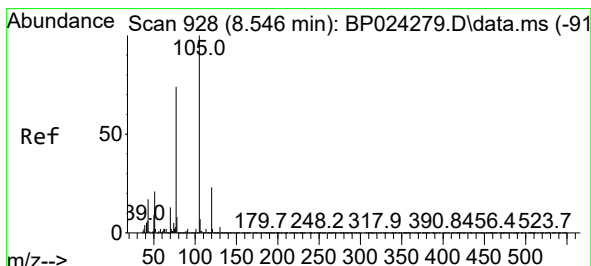
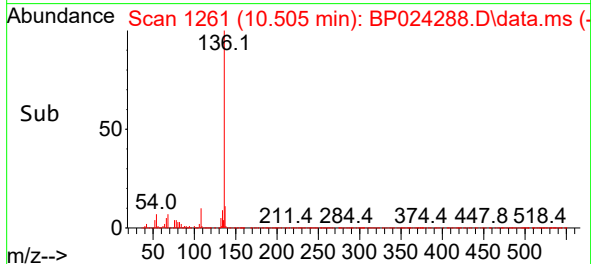
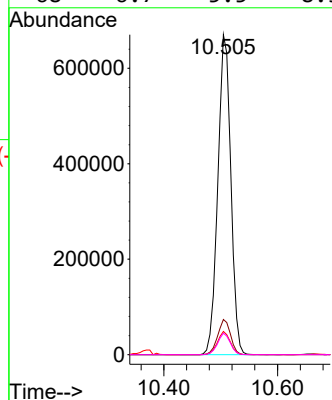
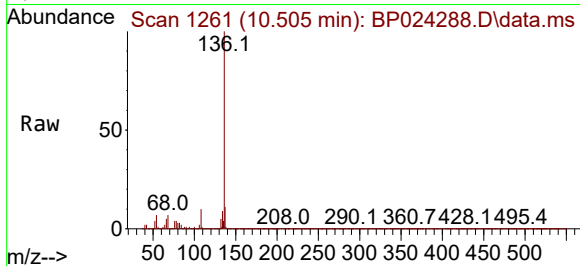




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

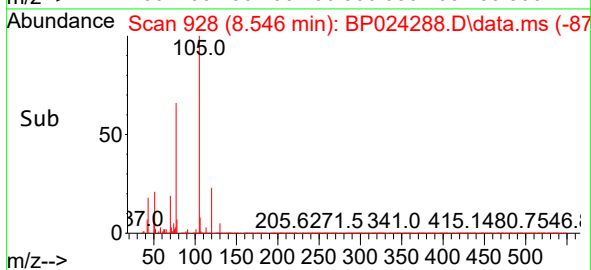
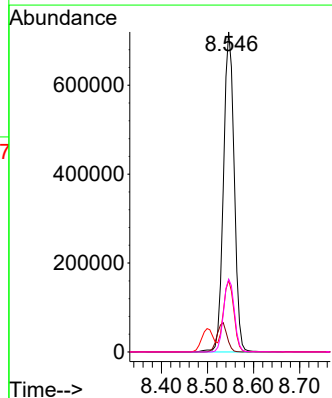
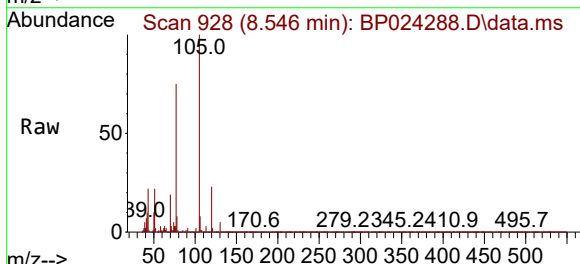
Instrument :
BNA_P
ClientSampleId :
PB167571BS

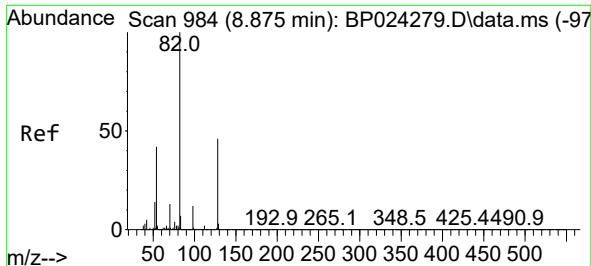
Tgt Ion:136 Resp: 1063789
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.3 6.0 9.0
68 6.7 5.5 8.3



#22
Acetophenone
Concen: 43.982 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:105 Resp: 1158022
Ion Ratio Lower Upper
105 100
71 3.2 1.7 2.5#
51 22.4 16.9 25.3
120 22.8 18.6 28.0

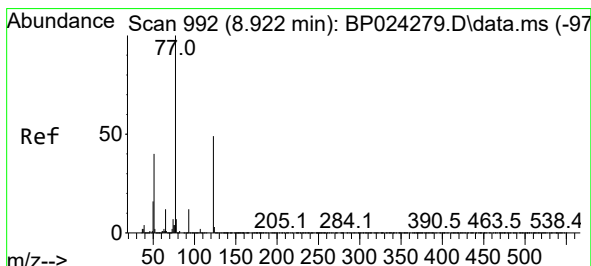
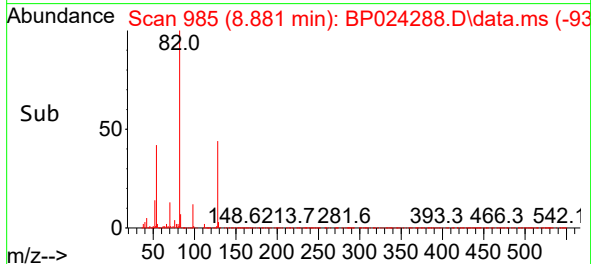
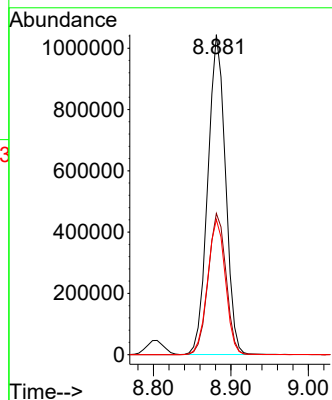
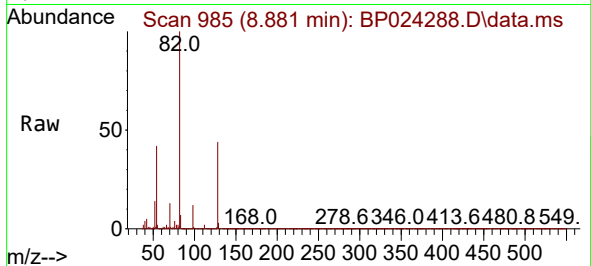




#23
Nitrobenzene-d5
Concen: 88.550 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

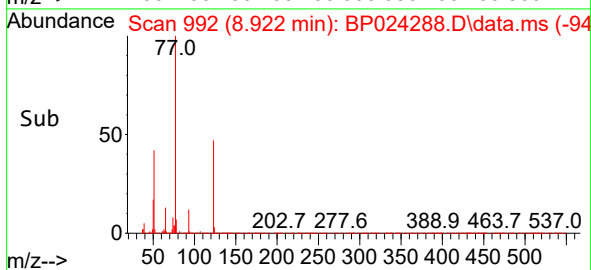
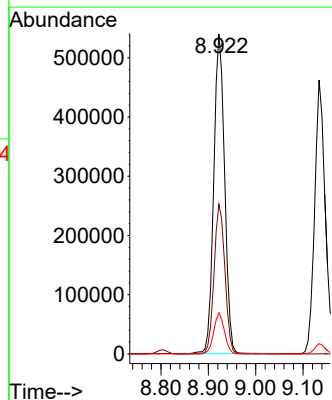
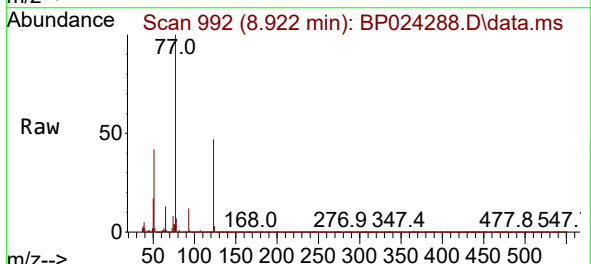
Instrument :
BNA_P
ClientSampleId :
PB167571BS

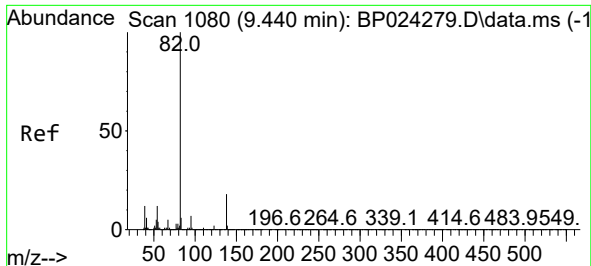
Tgt Ion: 82 Resp: 1651998
Ion Ratio Lower Upper
82 100
128 44.1 36.5 54.7
54 42.2 33.4 50.2



#24
Nitrobenzene
Concen: 46.619 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 77 Resp: 860374
Ion Ratio Lower Upper
77 100
123 46.8 39.2 58.8
65 12.9 9.8 14.6

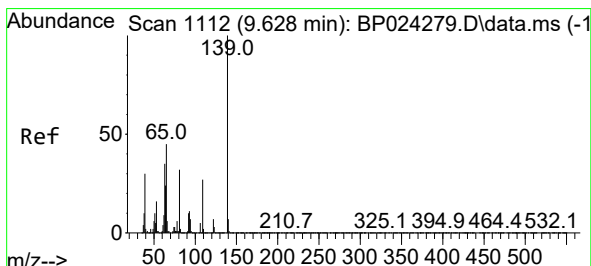
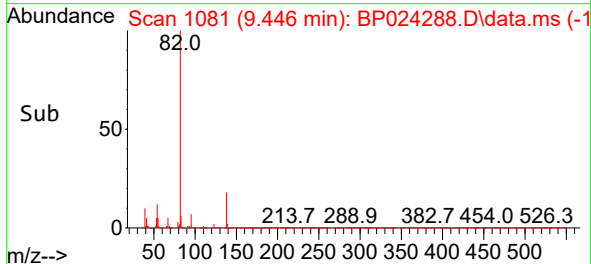
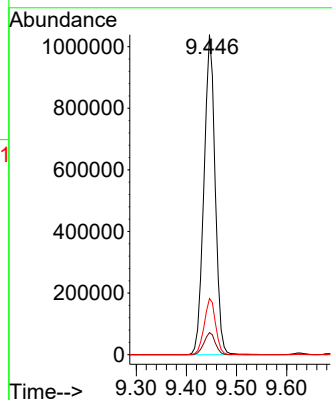
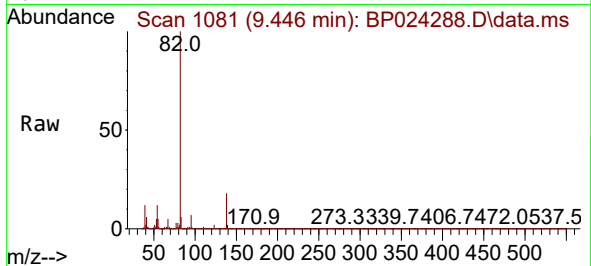




#25
Isophorone
Concen: 47.626 ng
RT: 9.446 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

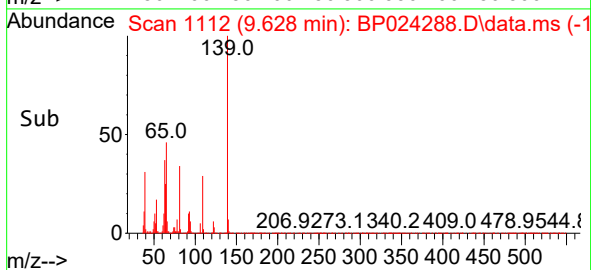
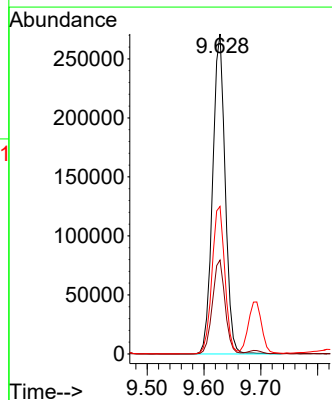
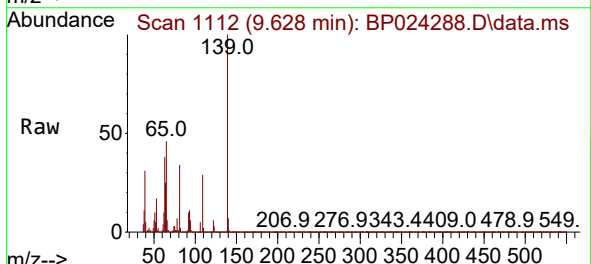
Instrument :
BNA_P
ClientSampleId :
PB167571BS

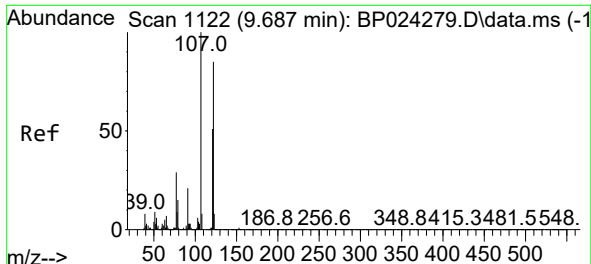
Tgt Ion: 82 Resp: 1608265
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.6 14.4 21.6



#26
2-Nitrophenol
Concen: 45.852 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 139 Resp: 414124
Ion Ratio Lower Upper
139 100
109 29.3 21.8 32.6
65 46.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 66.863 ng

RT: 9.693 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

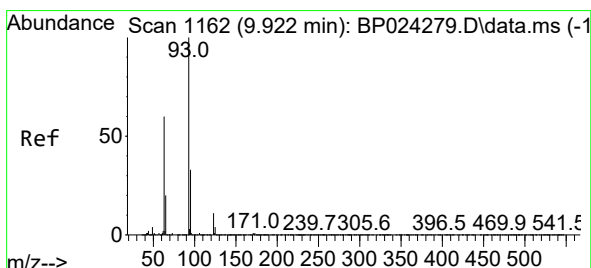
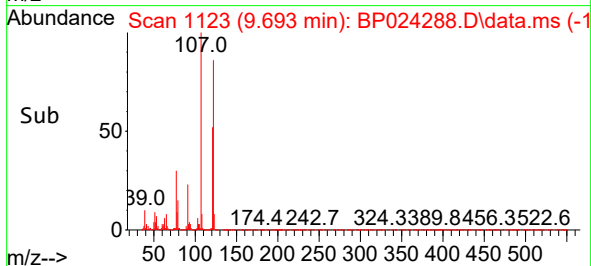
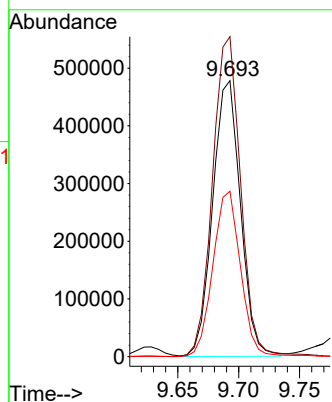
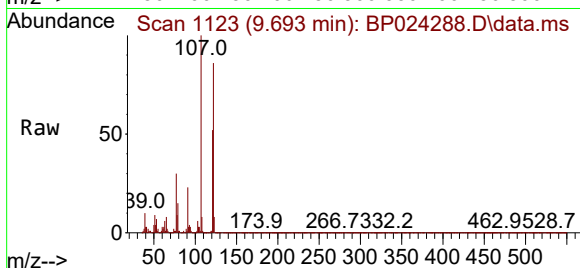
Tgt Ion:122 Resp: 758256

Ion Ratio Lower Upper

122 100

107 116.0 93.7 140.5

121 59.9 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.678 ng

RT: 9.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

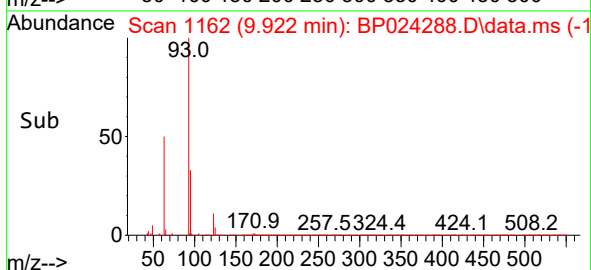
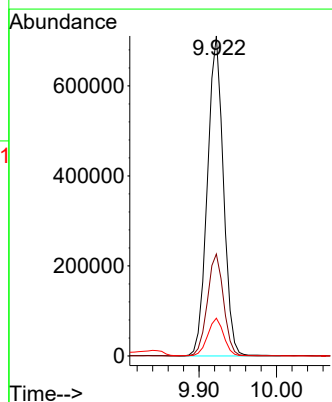
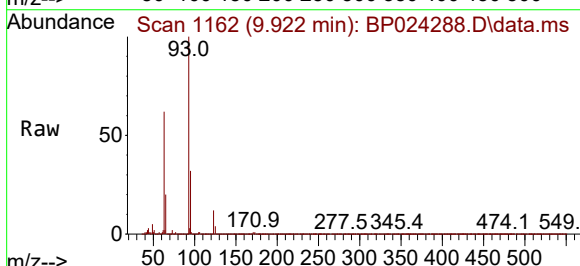
Tgt Ion: 93 Resp: 1019206

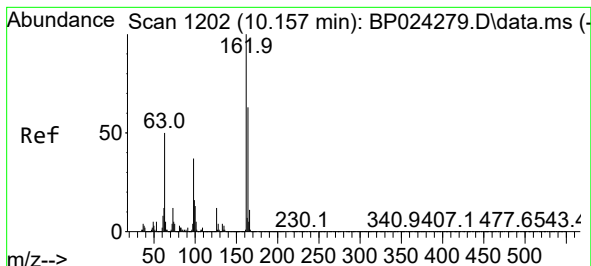
Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.502 ng

RT: 10.163 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

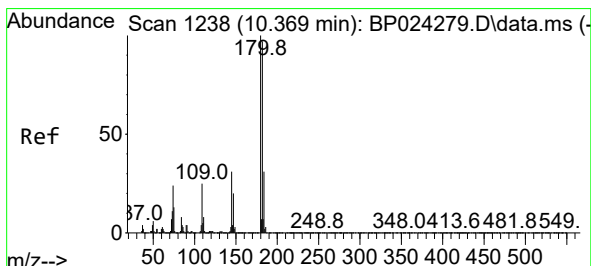
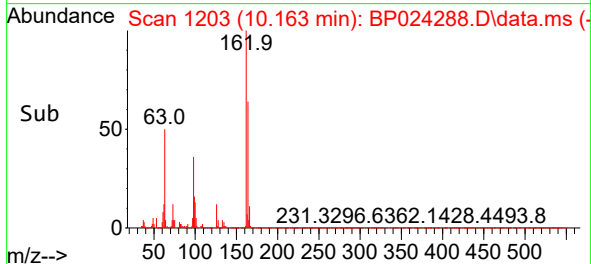
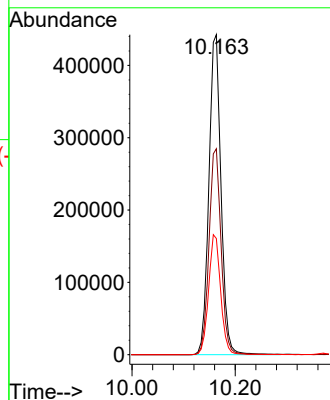
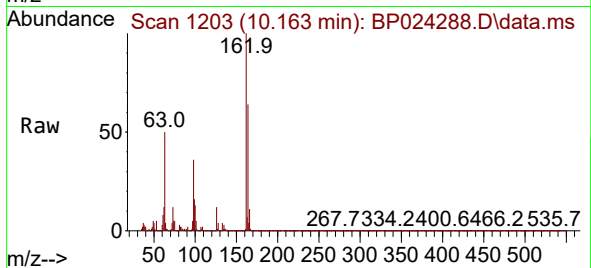
Tgt Ion:162 Resp: 719039

Ion Ratio Lower Upper

162 100

164 64.3 43.3 83.3

98 36.3 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.962 ng

RT: 10.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

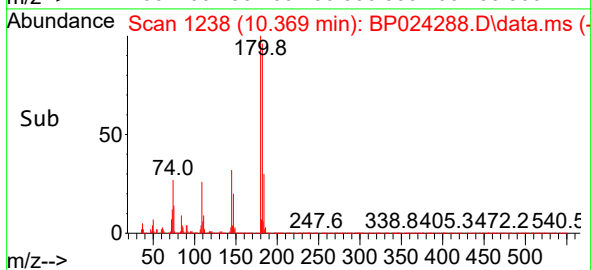
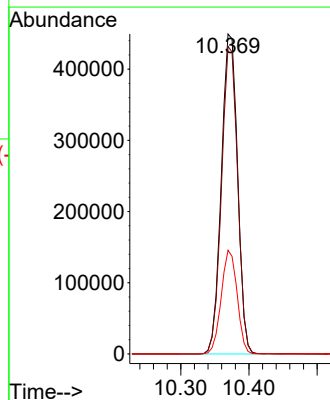
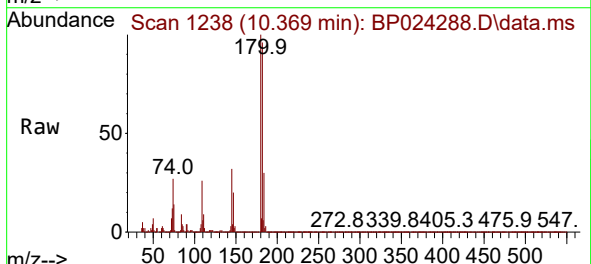
Tgt Ion:180 Resp: 744890

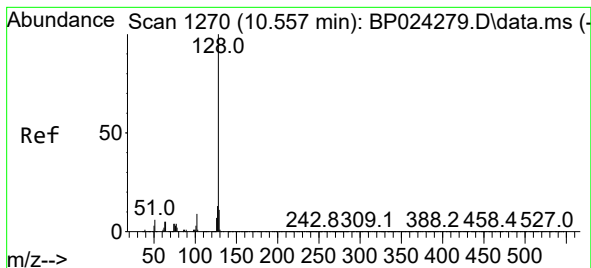
Ion Ratio Lower Upper

180 100

182 96.1 77.3 115.9

145 32.4 25.1 37.7

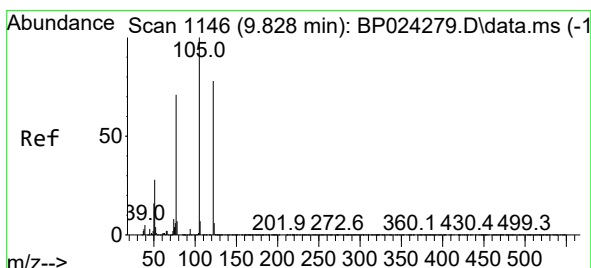
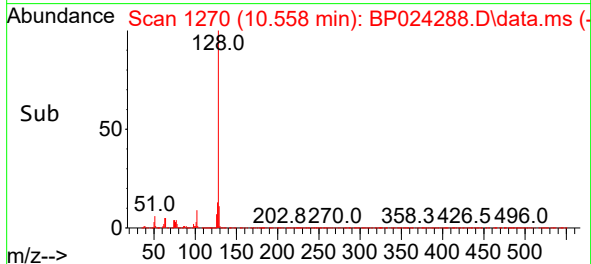
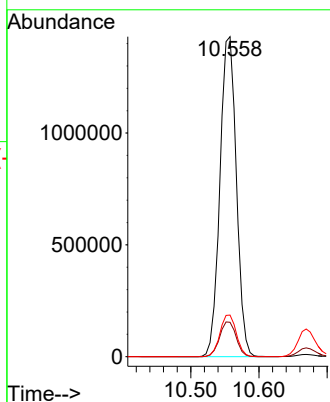
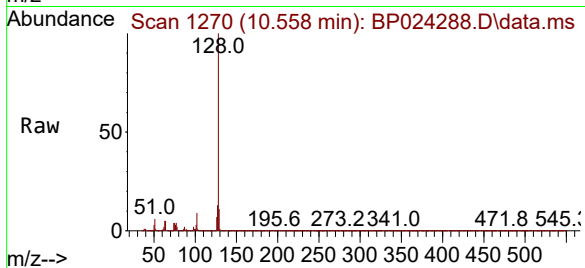




#31
Naphthalene
Concen: 42.838 ng
RT: 10.558 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

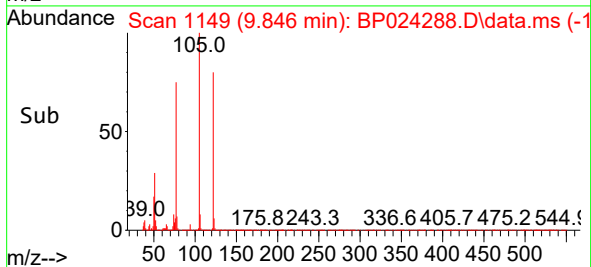
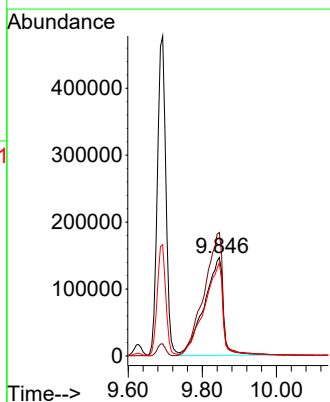
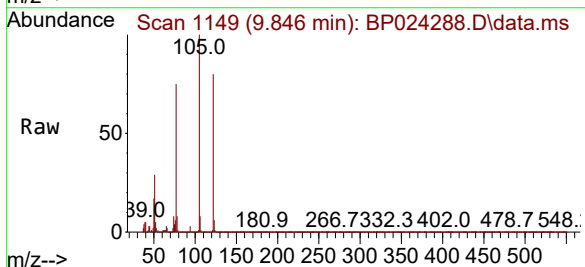
Instrument :
BNA_P
ClientSampleId :
PB167571BS

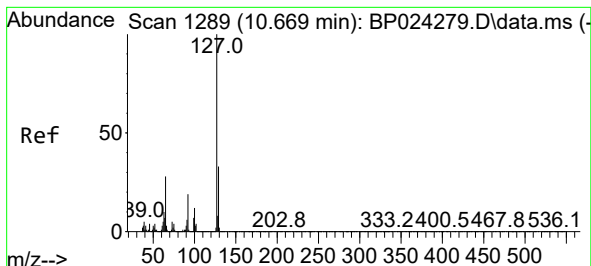
Tgt Ion:128 Resp: 2400513
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 39.447 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:122 Resp: 521254
Ion Ratio Lower Upper
122 100
105 125.4 104.8 144.8
77 94.6 69.2 109.2





#33

4-Chloroaniline

Concen: 11.758 ng

RT: 10.669 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

Tgt Ion:127 Resp: 232030

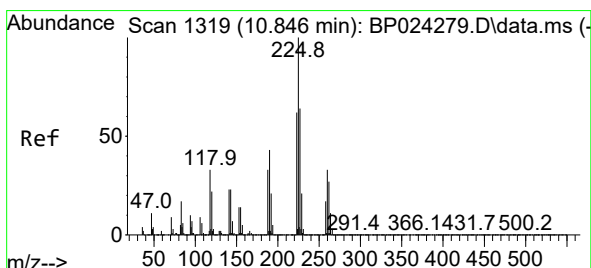
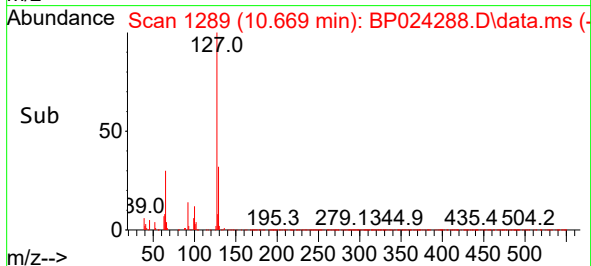
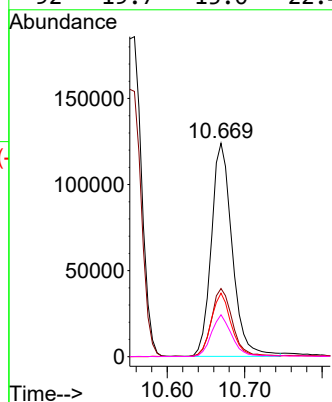
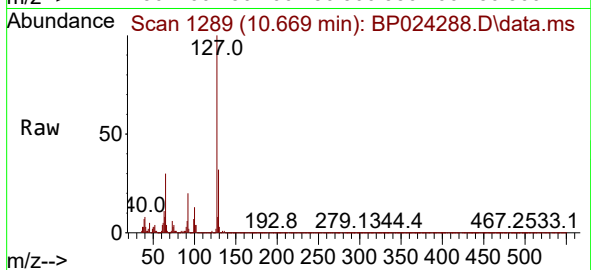
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 29.8 22.1 33.1

92 19.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 45.554 ng

RT: 10.840 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

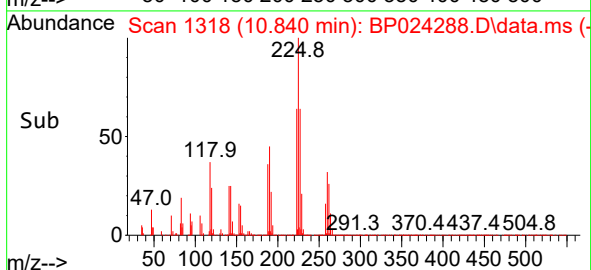
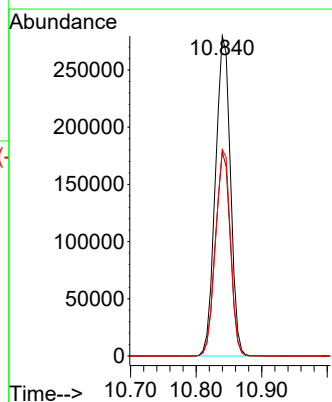
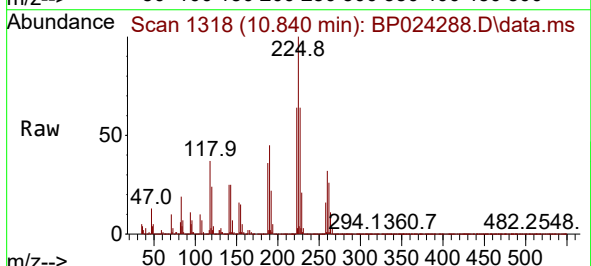
Tgt Ion:225 Resp: 443477

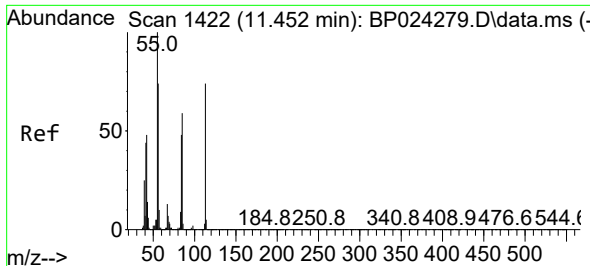
Ion Ratio Lower Upper

225 100

223 63.8 49.5 74.3

227 64.5 50.9 76.3

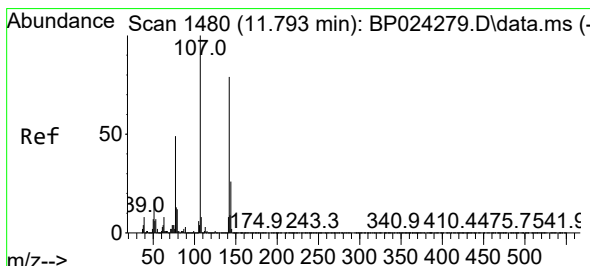
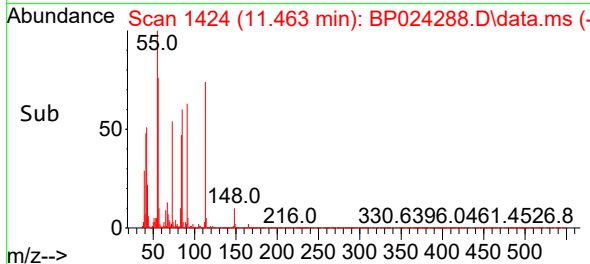
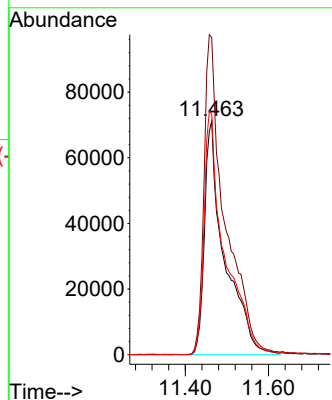
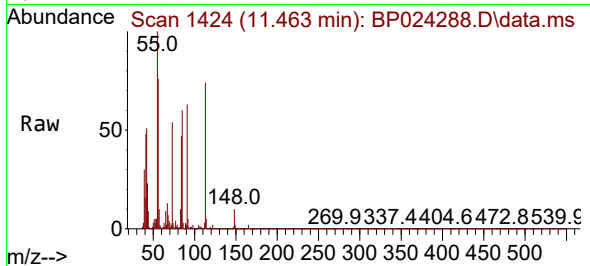




#35
Caprolactam
Concen: 41.628 ng
RT: 11.463 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

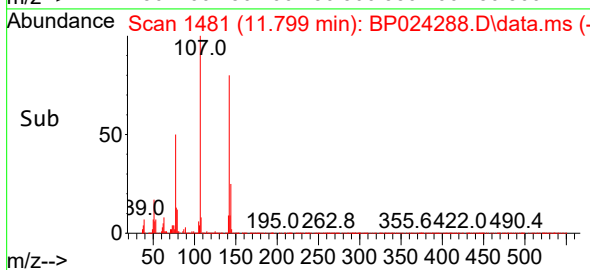
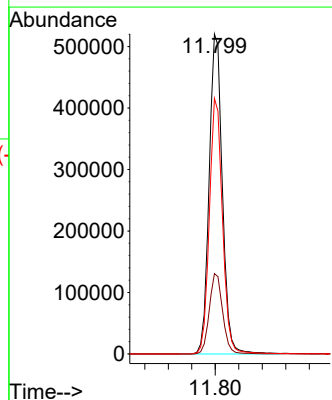
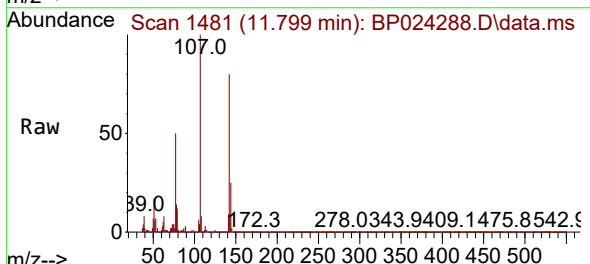
Instrument :
BNA_P
ClientSampleId :
PB167571BS

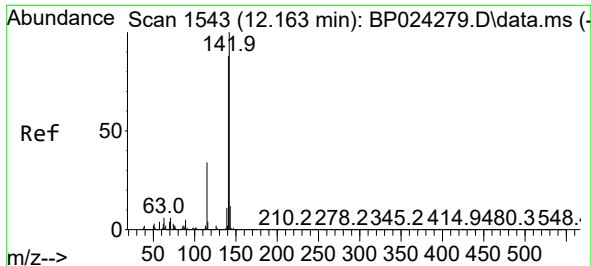
Tgt Ion:113 Resp: 237502
Ion Ratio Lower Upper
113 100
55 135.7 115.9 155.9
56 103.0 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.048 ng
RT: 11.799 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:107 Resp: 811338
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 79.8 63.4 95.2

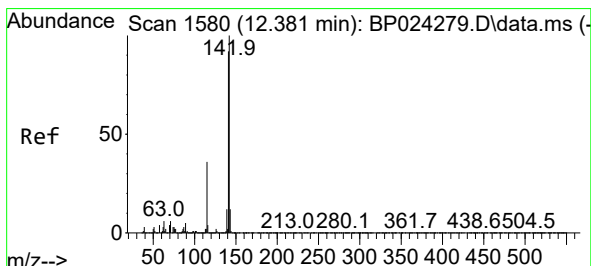
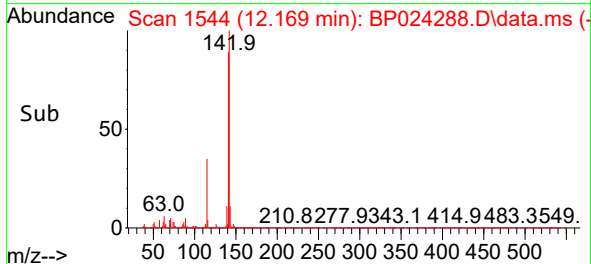
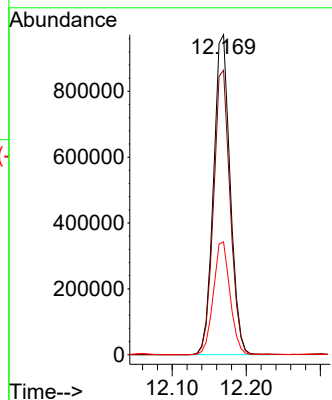
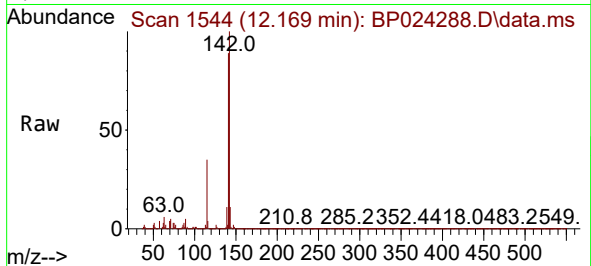




#37
2-Methylnaphthalene
Concen: 39.015 ng
RT: 12.169 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

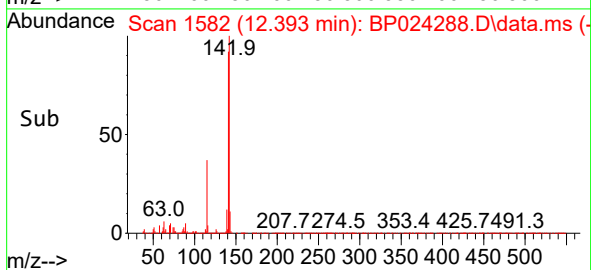
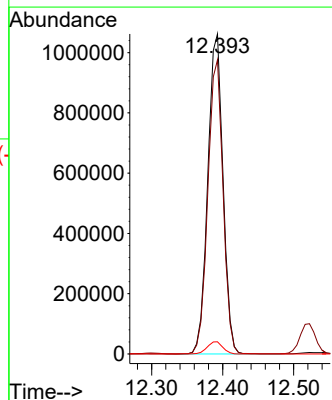
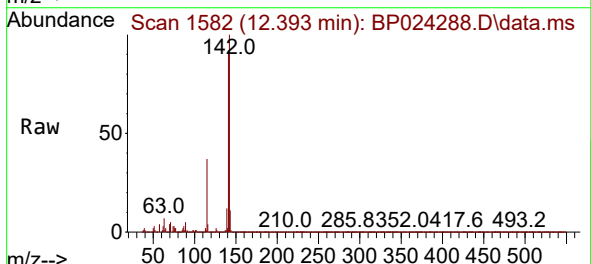
Instrument :
BNA_P
ClientSampleId :
PB167571BS

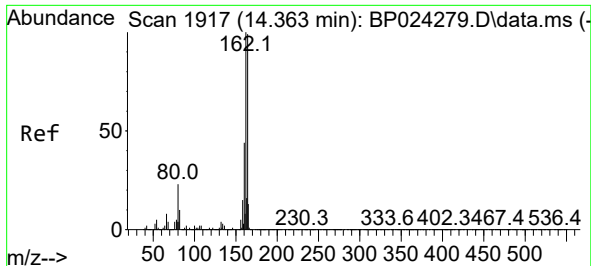
Tgt Ion:142 Resp: 1516206
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 35.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.578 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:142 Resp: 1580722
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4
116 3.8 3.0 4.6

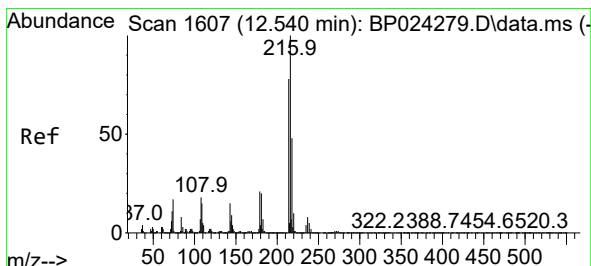
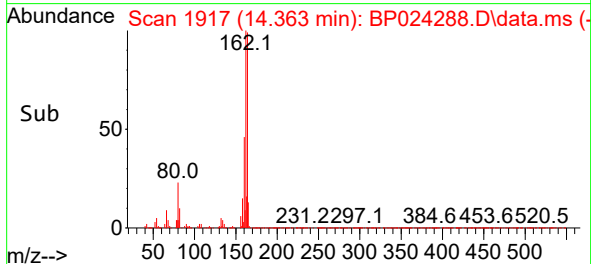
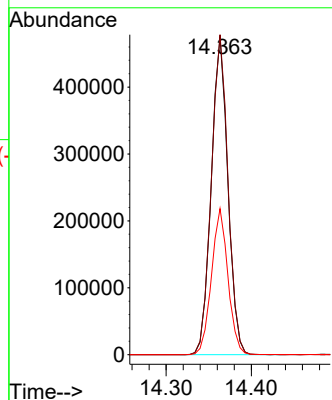
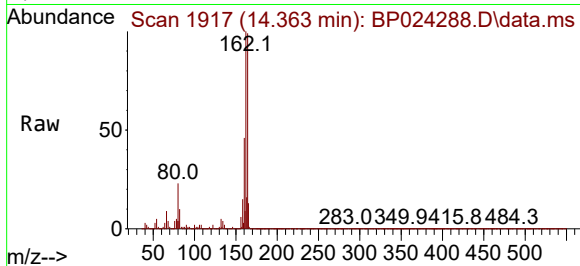




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

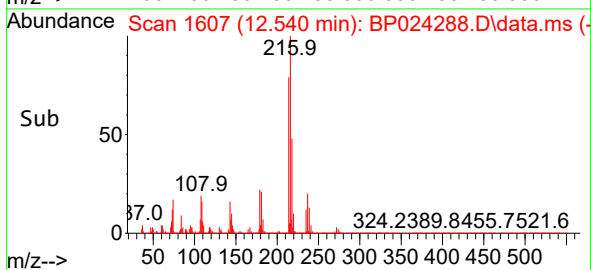
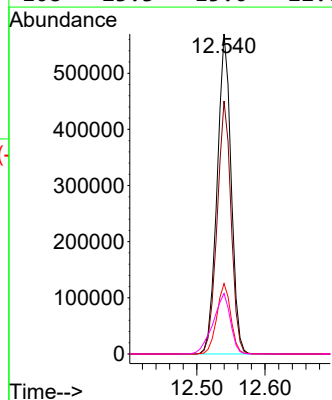
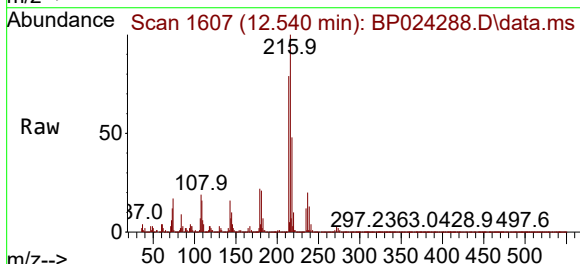
Instrument :
BNA_P
ClientSampleId :
PB167571BS

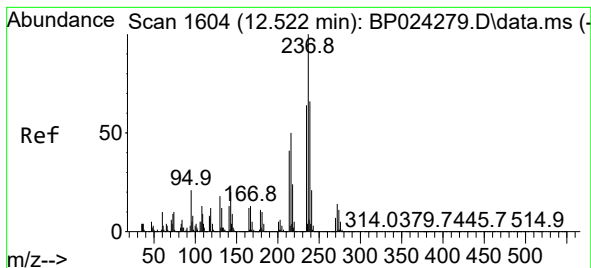
Tgt Ion:164 Resp: 644416
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.946 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:216 Resp: 814243
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.9 17.2 25.8
108 23.3 15.0 22.6#

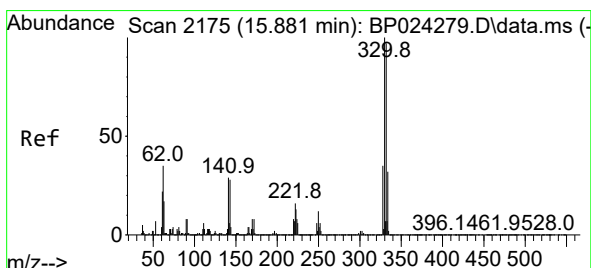
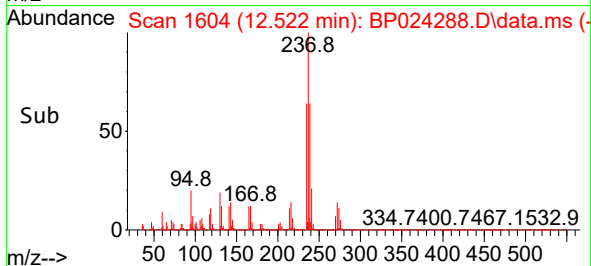
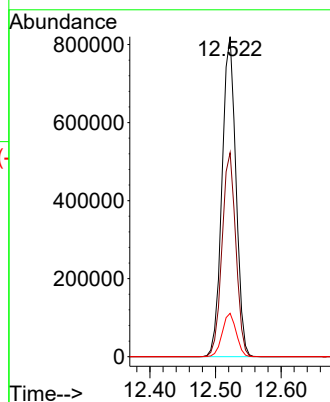
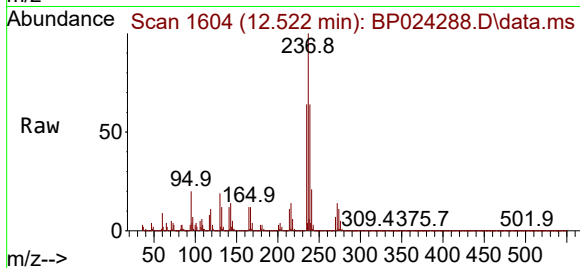




#41
Hexachlorocyclopentadiene
Concen: 191.717 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

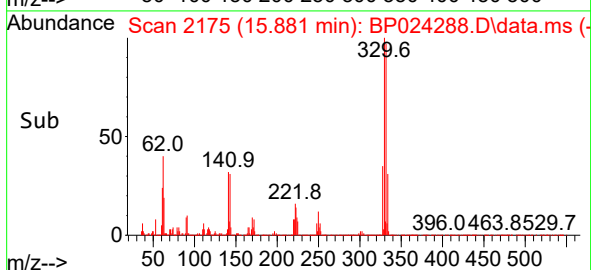
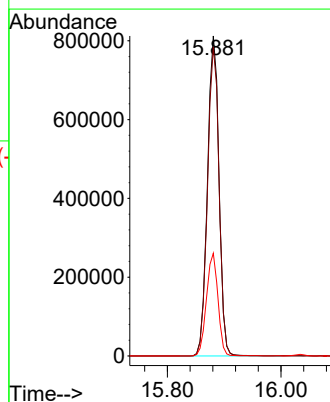
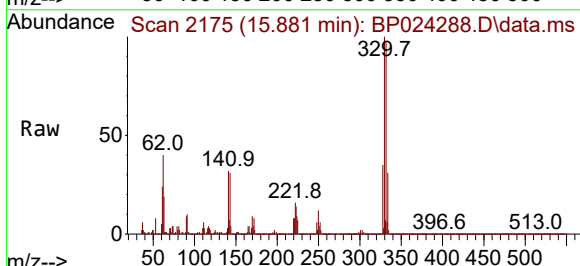
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BNA_P
ClientSampleId :
PB167571BS

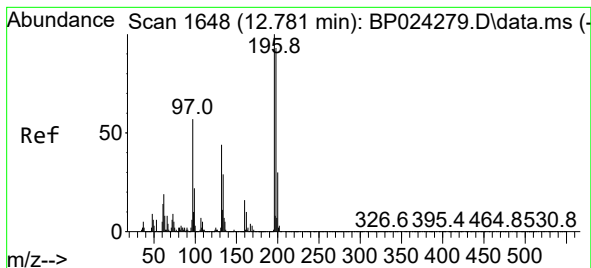
Tgt Ion:237 Resp: 1201613
Ion Ratio Lower Upper
237 100
235 63.7 43.9 83.9
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 127.937 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:330 Resp: 1140669
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.1 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.986 ng

RT: 12.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

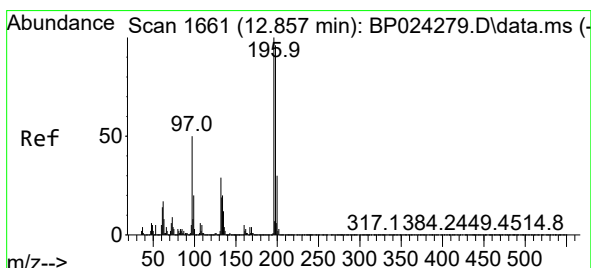
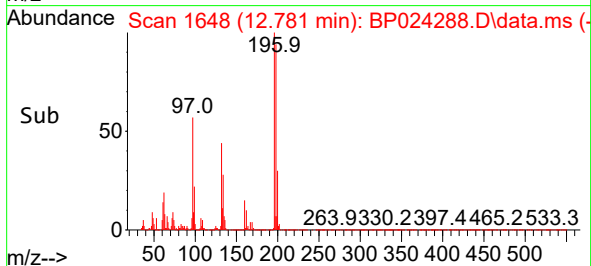
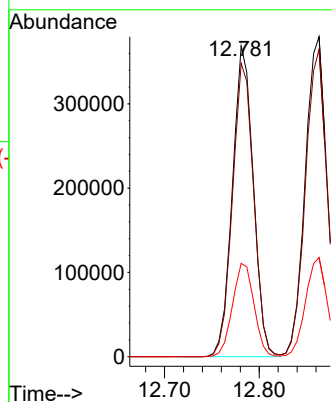
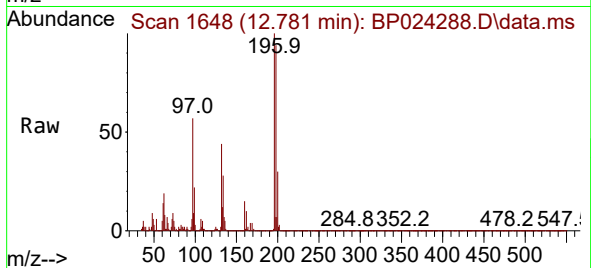
Tgt Ion:196 Resp: 565387

Ion Ratio Lower Upper

196 100

198 94.4 74.3 111.5

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.231 ng

RT: 12.863 min Scan# 1662

Delta R.T. -0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Tgt Ion:196 Resp: 616241

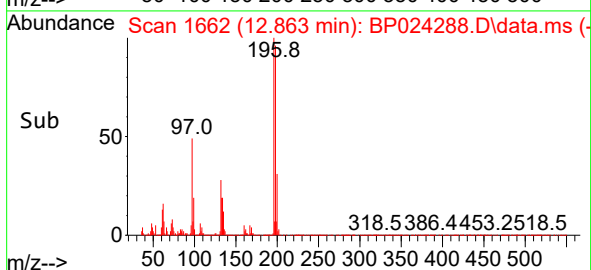
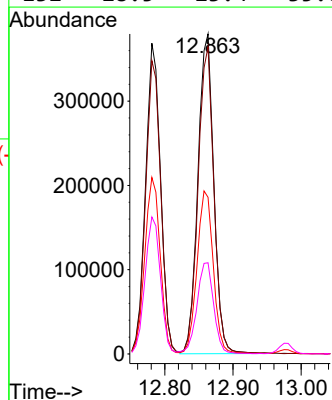
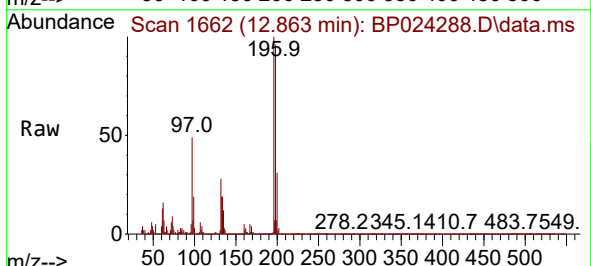
Ion Ratio Lower Upper

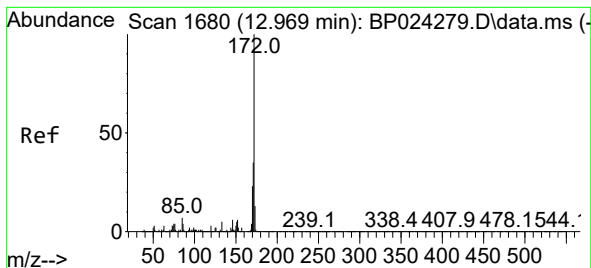
196 100

198 96.0 77.3 115.9

97 49.0 40.4 60.6

132 28.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.715 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

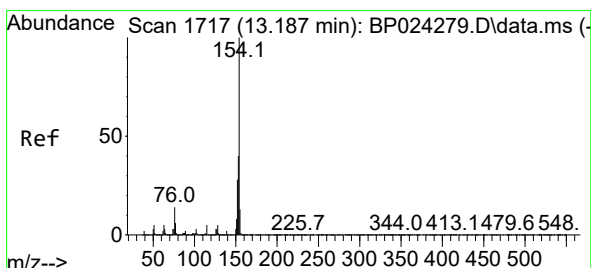
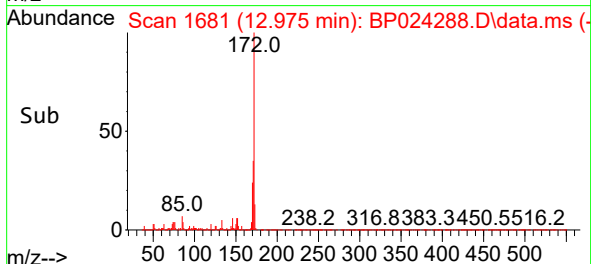
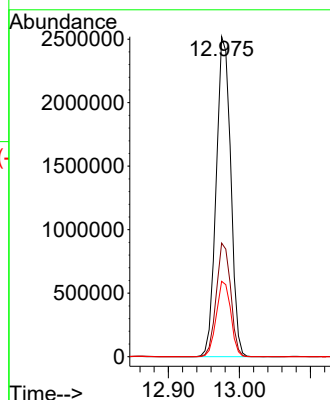
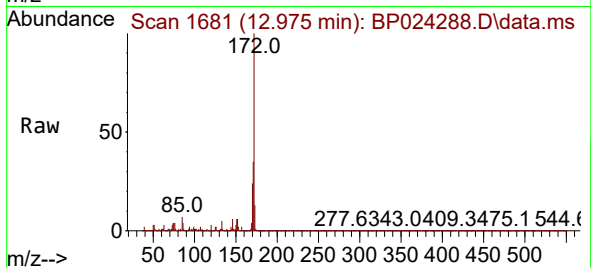
Tgt Ion:172 Resp: 3565479

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.618 ng

RT: 13.187 min Scan# 1717

Delta R.T. -0.012 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

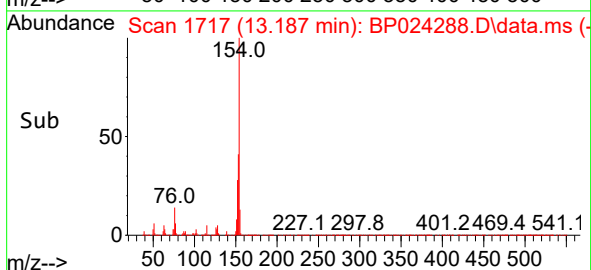
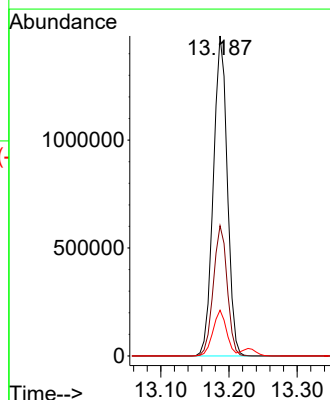
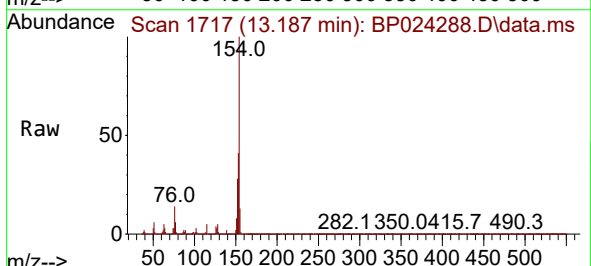
Tgt Ion:154 Resp: 2113453

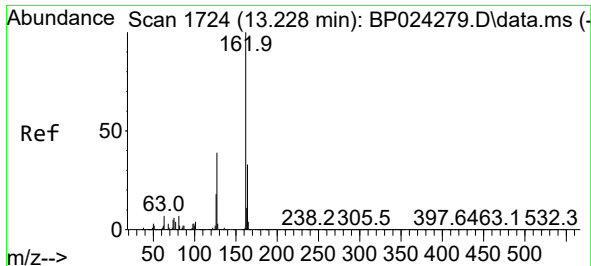
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 14.3 0.0 33.5

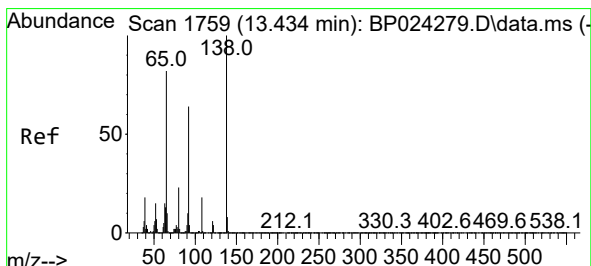
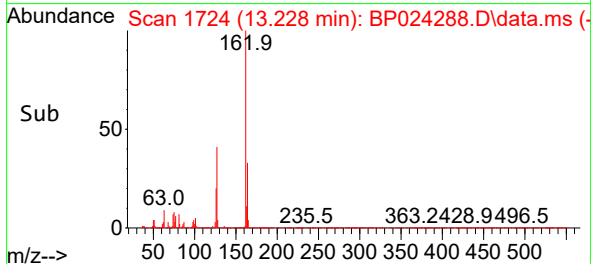
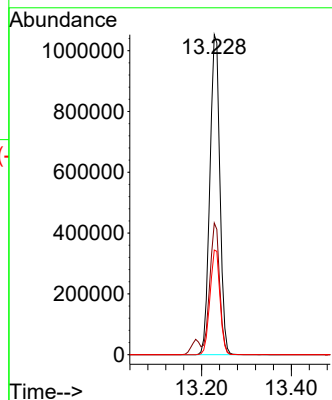
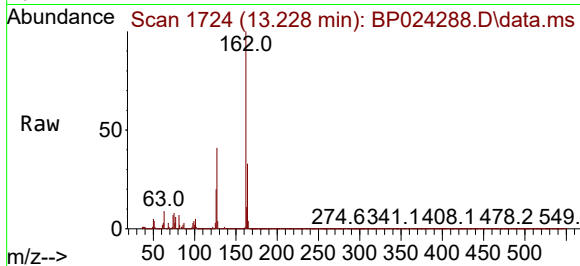




#47
2-Chloronaphthalene
Concen: 45.895 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

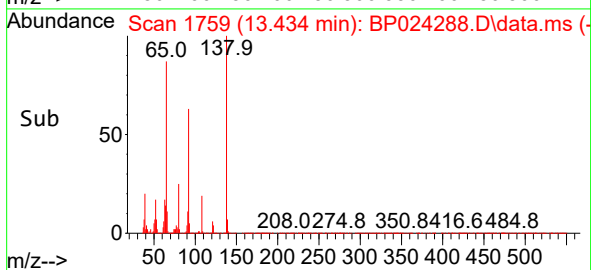
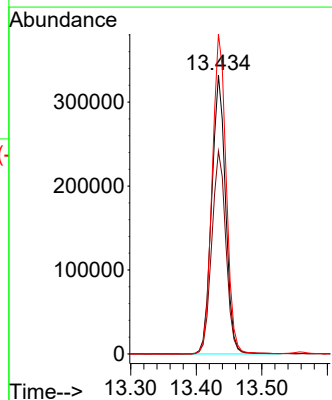
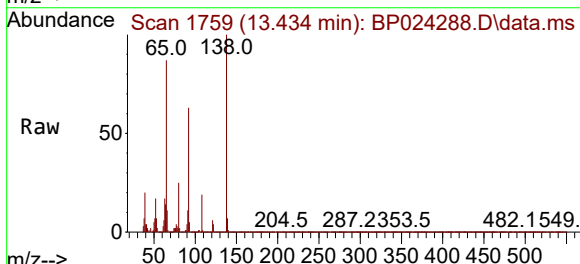
Instrument :
BNA_P
ClientSampleId :
PB167571BS

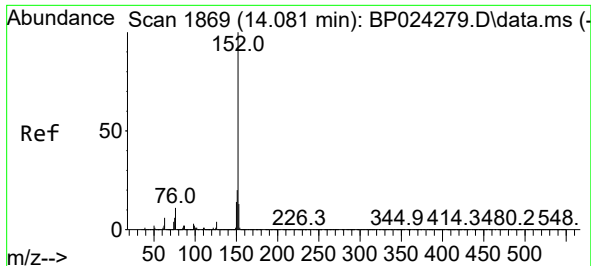
Tgt Ion:162 Resp: 1624770
Ion Ratio Lower Upper
162 100
127 41.1 31.9 47.9
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 49.264 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 65 Resp: 489214
Ion Ratio Lower Upper
65 100
92 72.7 62.3 93.5
138 114.7 97.2 145.8

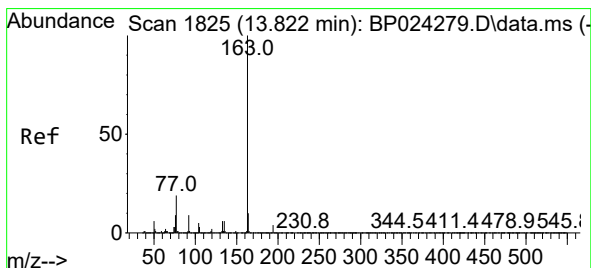
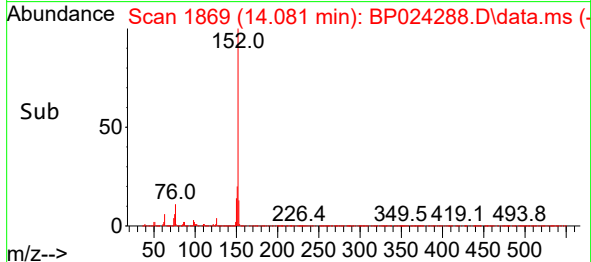
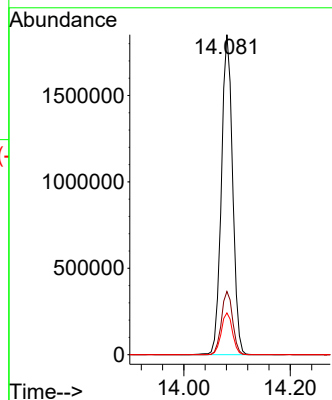
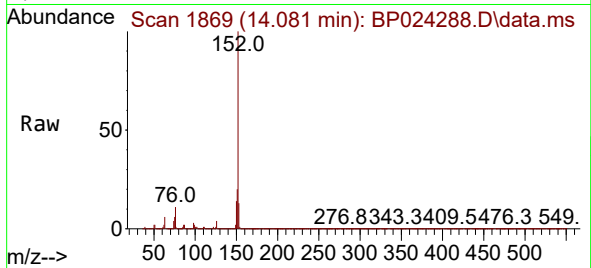




#49
Acenaphthylene
Concen: 48.334 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

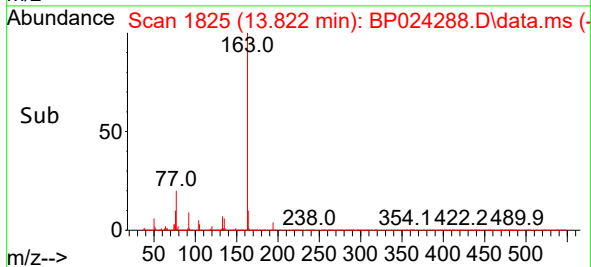
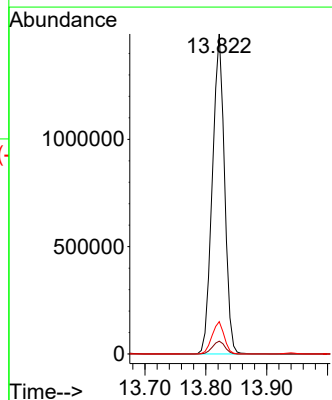
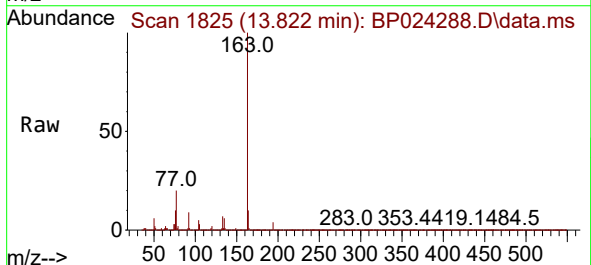
Instrument :
BNA_P
ClientSampleId :
PB167571BS

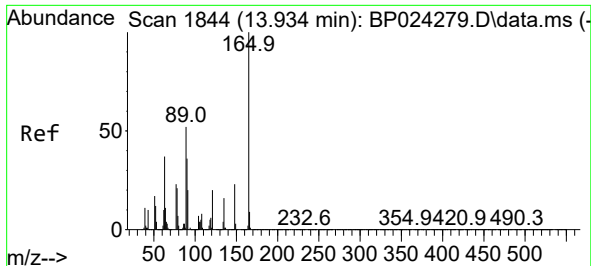
Tgt Ion:152 Resp: 2694036
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 44.095 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:163 Resp: 2066432
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.1 8.0 12.0

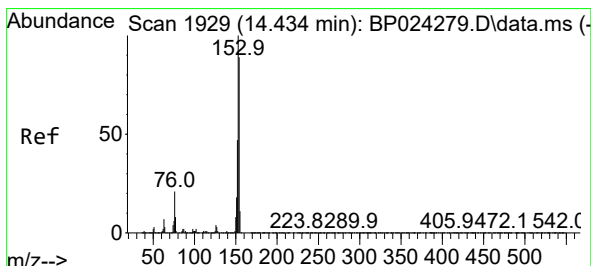
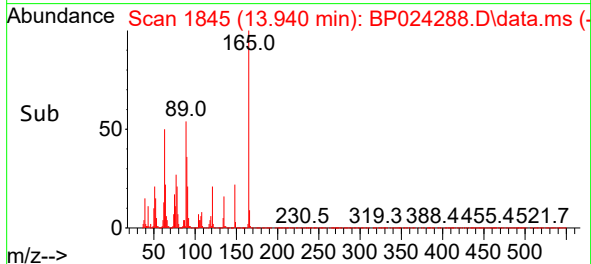
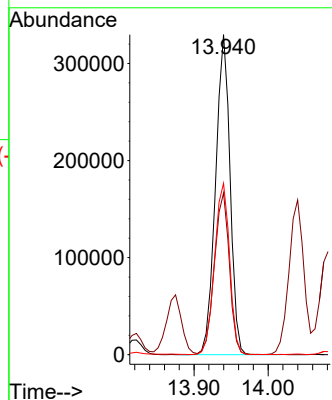
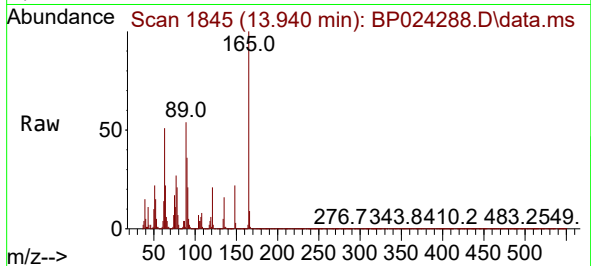




#51
2,6-Dinitrotoluene
Concen: 44.991 ng
RT: 13.940 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

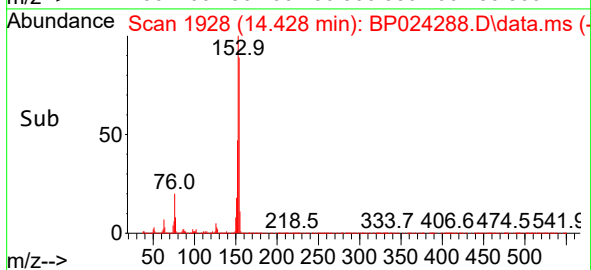
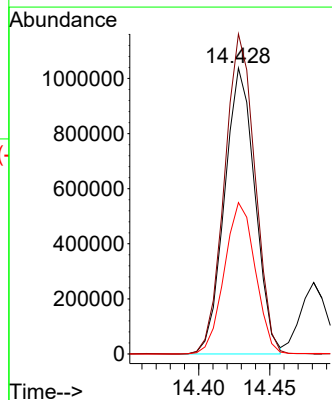
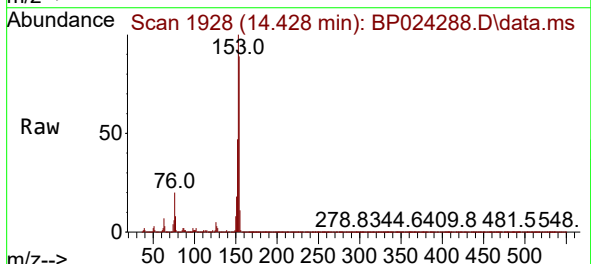
Instrument :
BNA_P
ClientSampleId :
PB167571BS

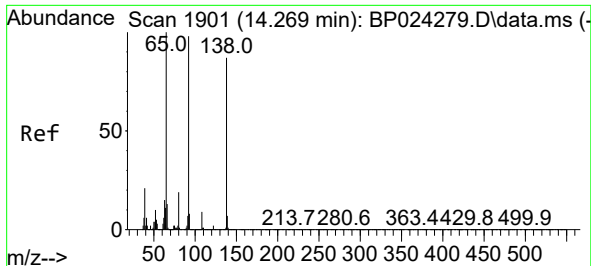
Tgt Ion:165 Resp: 447719
Ion Ratio Lower Upper
165 100
63 50.5 38.0 57.0
89 53.5 41.7 62.5



#52
Acenaphthene
Concen: 43.799 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:154 Resp: 1547704
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.0 42.6 63.8

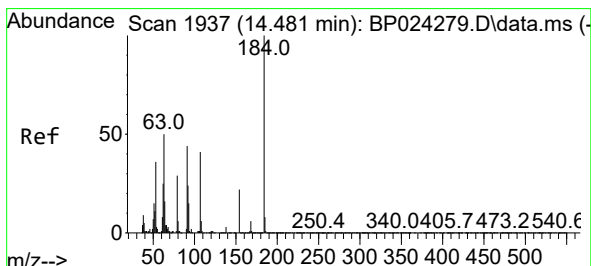
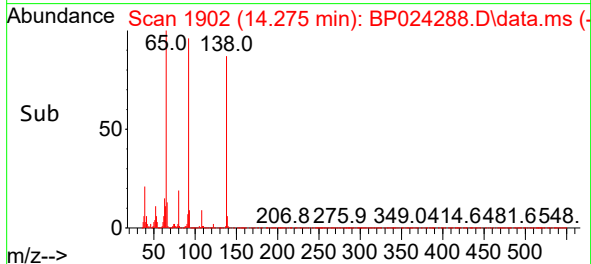
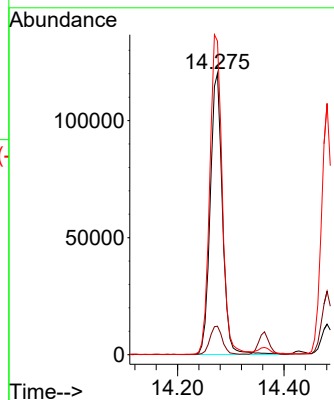
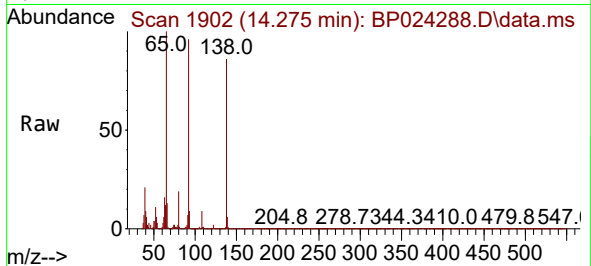




#53
3-Nitroaniline
Concen: 18.249 ng
RT: 14.275 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

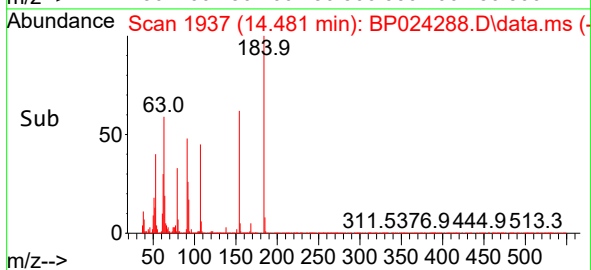
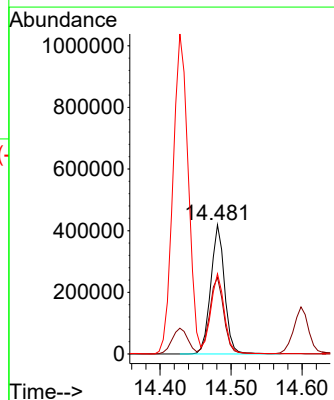
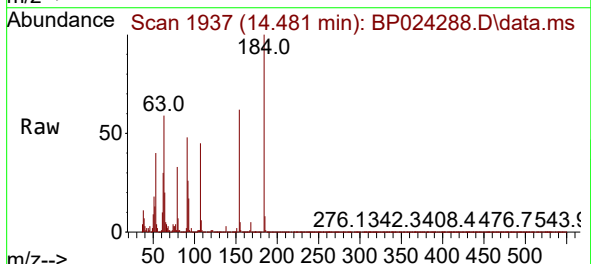
Instrument :
BNA_P
ClientSampleId :
PB167571BS

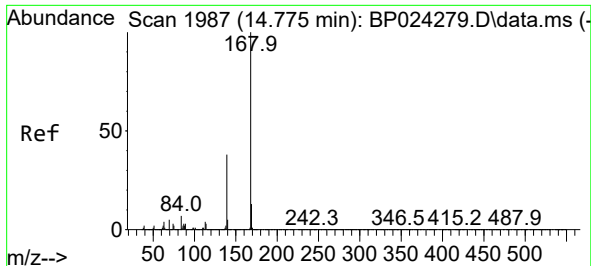
Tgt Ion:138 Resp: 190860
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 111.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 96.878 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

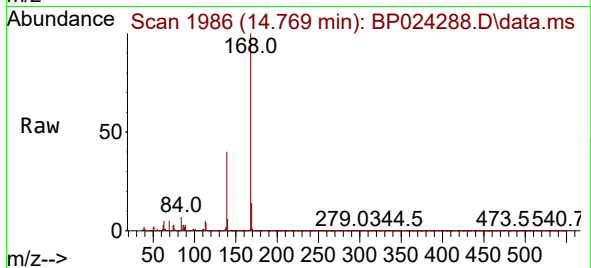
Tgt Ion:184 Resp: 567879
Ion Ratio Lower Upper
184 100
63 59.2 42.6 64.0
154 62.1 47.2 70.8



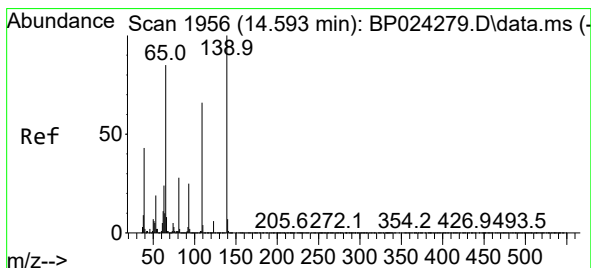
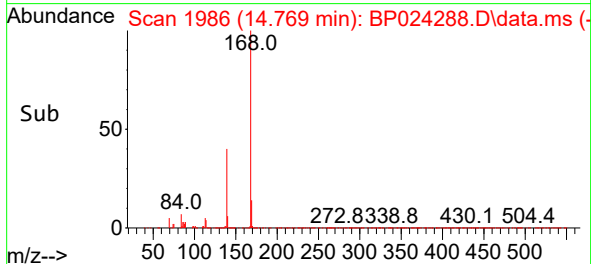
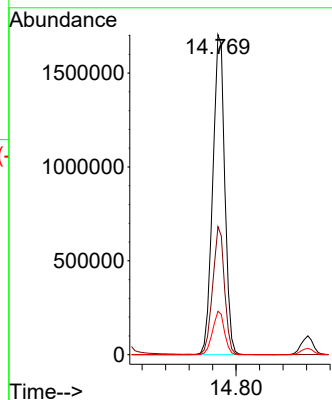


#55
Dibenzofuran
Concen: 41.918 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB167571BS

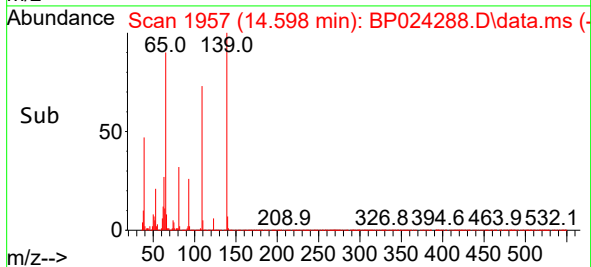
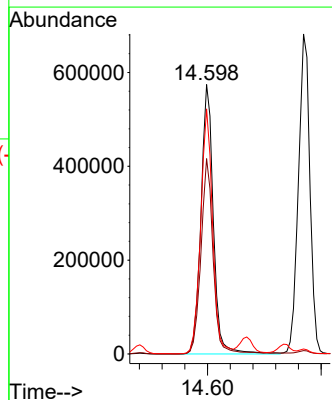
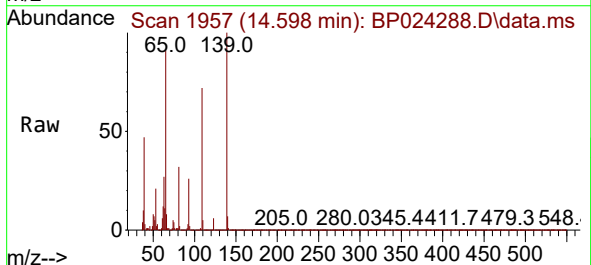


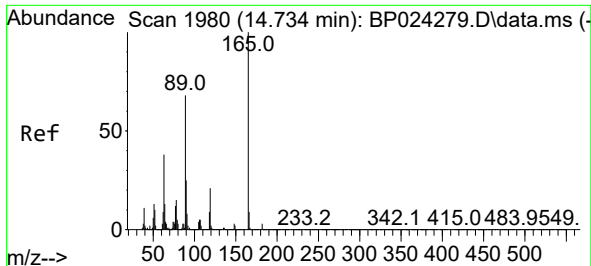
Tgt Ion:168 Resp: 2421155
Ion Ratio Lower Upper
168 100
139 40.0 30.3 45.5
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 96.557 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:139 Resp: 872194
Ion Ratio Lower Upper
139 100
109 72.5 46.1 86.1
65 90.9 65.0 105.0

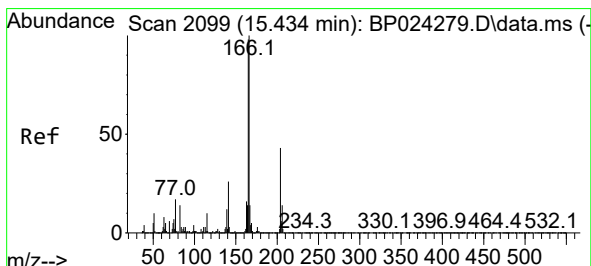
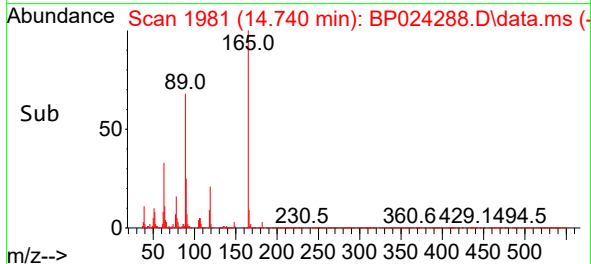
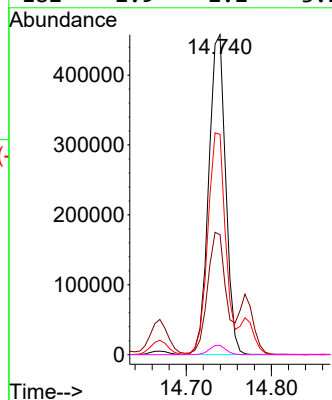
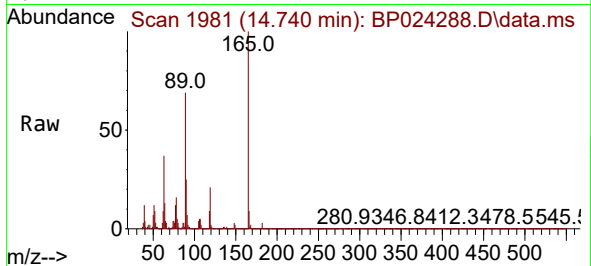




#57
2,4-Dinitrotoluene
Concen: 46.648 ng
RT: 14.740 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

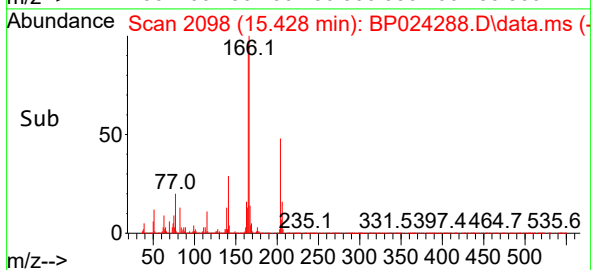
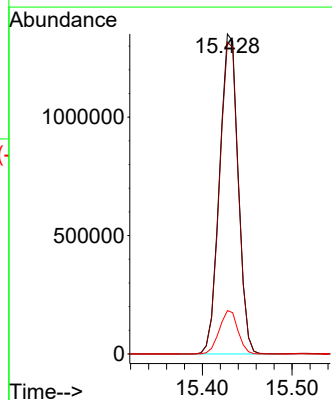
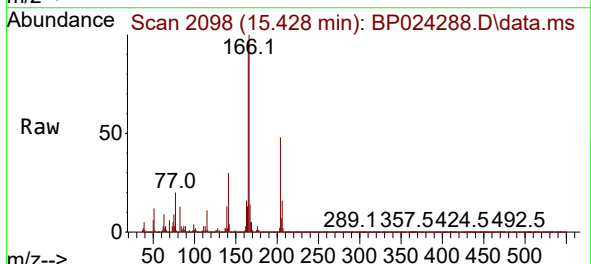
Instrument :
BNA_P
ClientSampleId :
PB167571BS

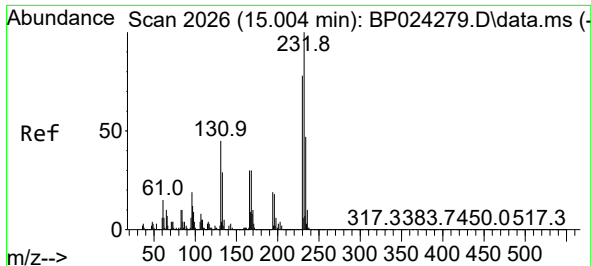
Tgt Ion:165 Resp: 633235
Ion Ratio Lower Upper
165 100
63 37.5 30.4 45.6
89 68.9 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.688 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:166 Resp: 1953457
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.6 10.9 16.3

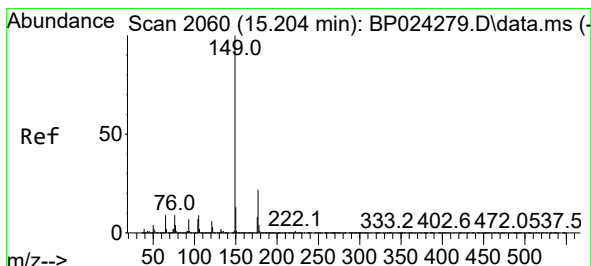
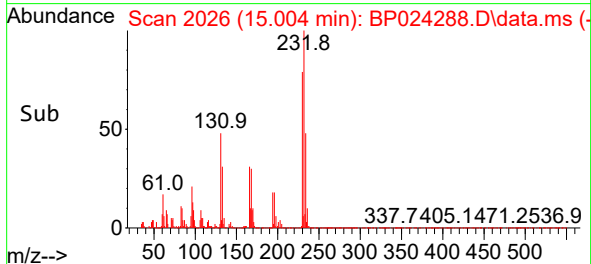
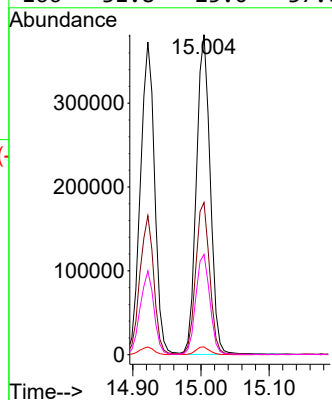
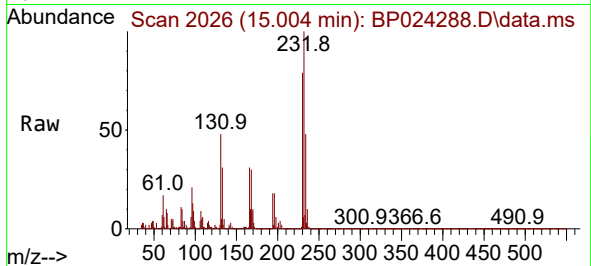




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.407 ng
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

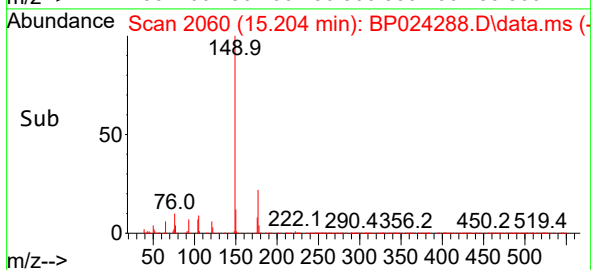
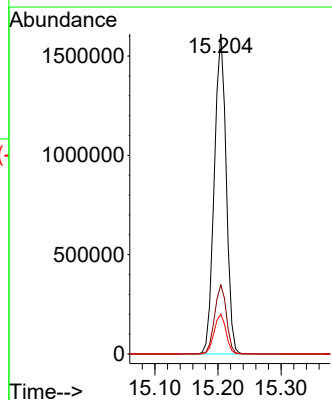
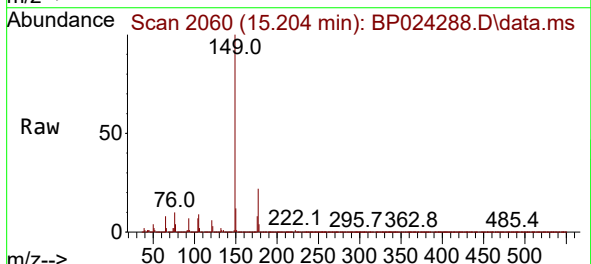
Instrument :
BNA_P
ClientSampleId :
PB167571BS

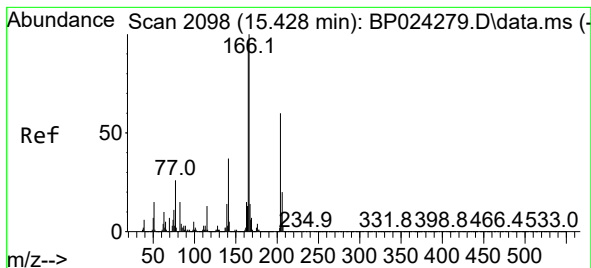
Tgt Ion:232 Resp: 534372
Ion Ratio Lower Upper
232 100
131 48.2 36.8 55.2
130 2.5 1.9 2.9
166 31.8 25.0 37.6



#60
Diethylphthalate
Concen: 43.461 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:149 Resp: 2098884
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.4 10.1 15.1

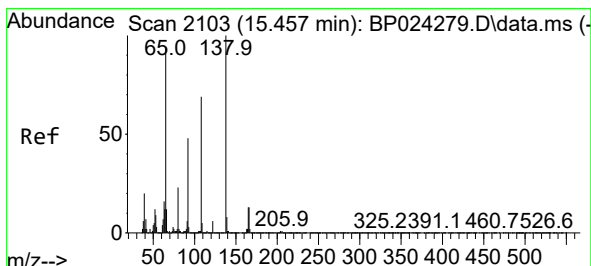
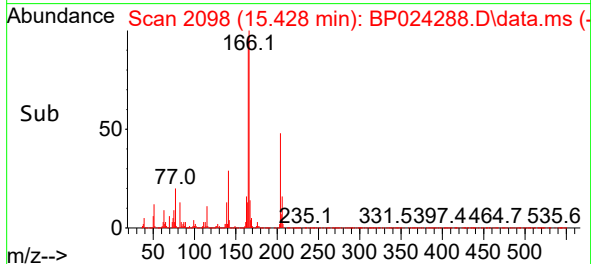
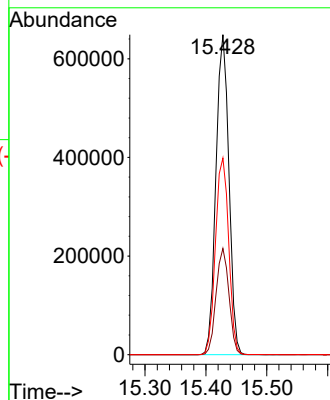
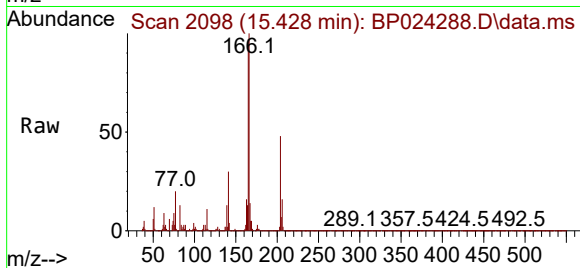




#61
4-Chlorophenyl-phenylether
Concen: 44.052 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

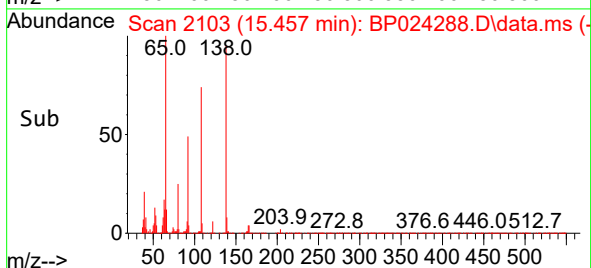
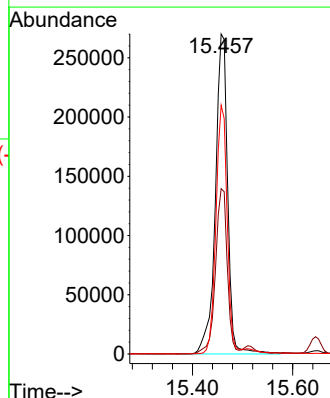
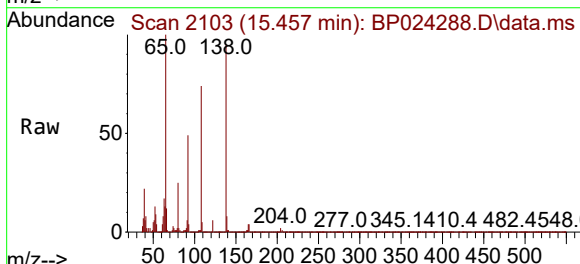
Instrument :
BNA_P
ClientSampleId :
PB167571BS

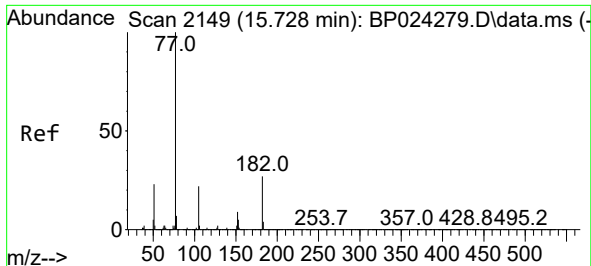
Tgt Ion:204 Resp: 956490
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 61.4 49.4 74.0



#62
4-Nitroaniline
Concen: 41.452 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:138 Resp: 458954
Ion Ratio Lower Upper
138 100
92 51.6 27.8 67.8
108 77.7 48.9 88.9



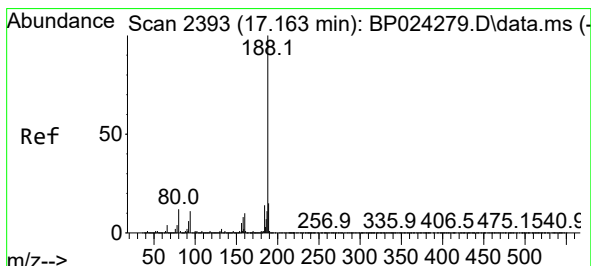
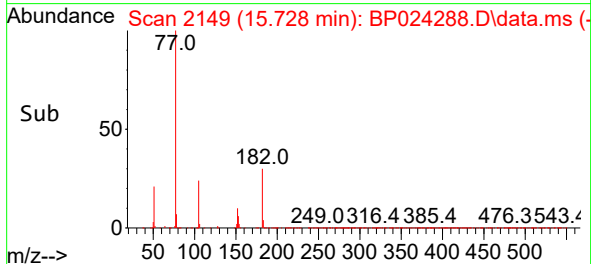
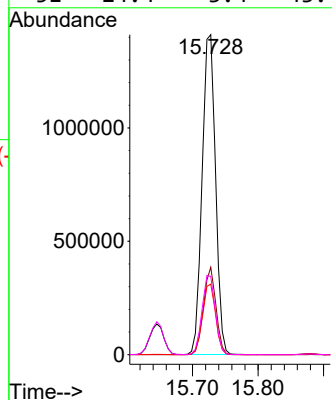
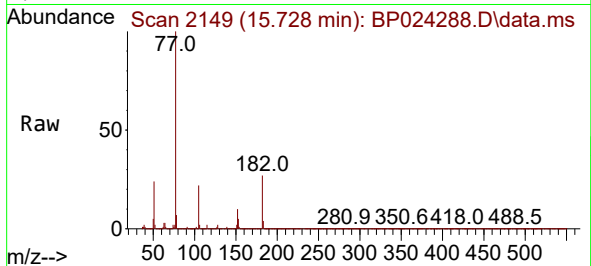


#63
Azobenzene
Concen: 45.315 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB167571BS

Tgt Ion: 77 Resp: 2011424

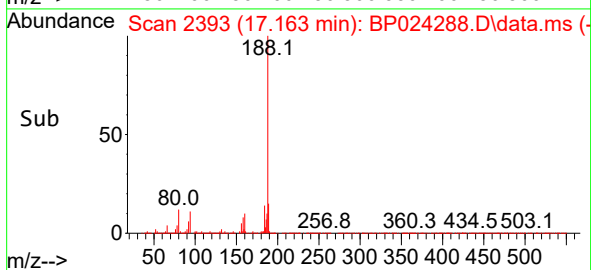
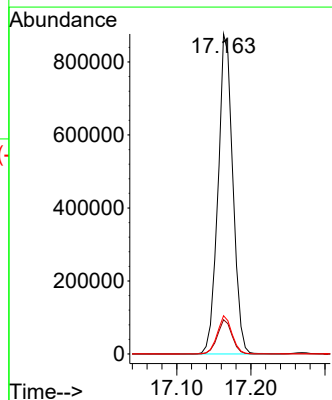
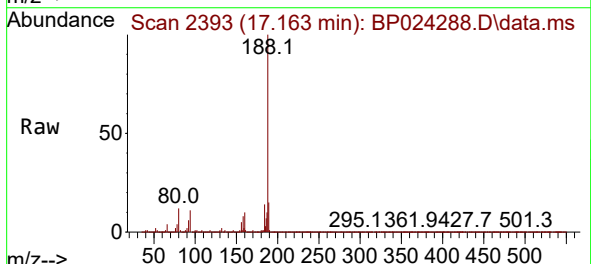
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.0	2.3	42.3
51	24.4	3.4	43.4

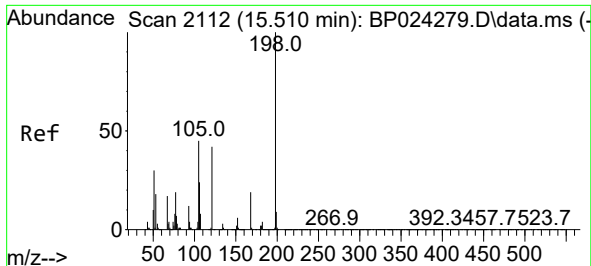


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion: 188 Resp: 1218324

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	11.9	9.8	14.6

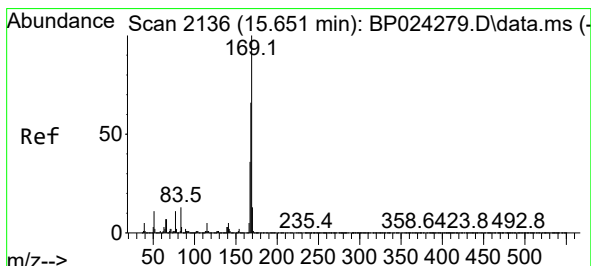
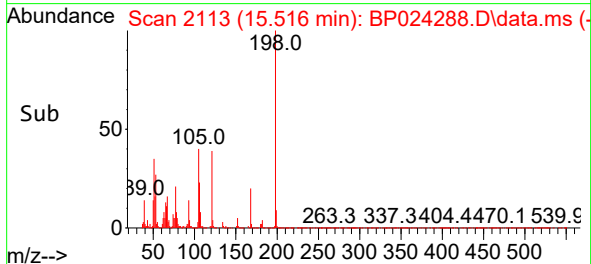
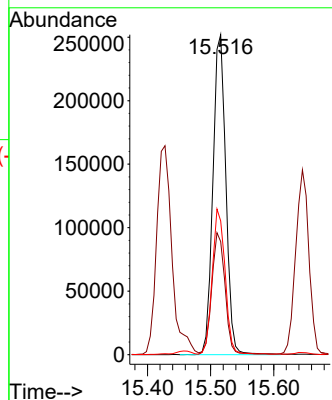
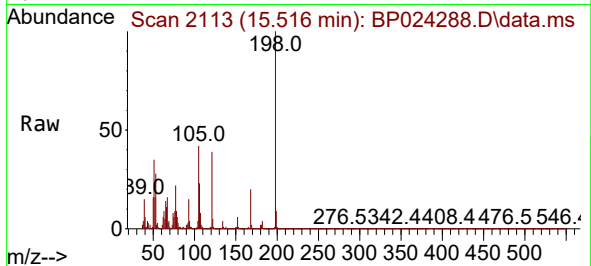




#65
4,6-Dinitro-2-methylphenol
Concen: 46.573 ng
RT: 15.516 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

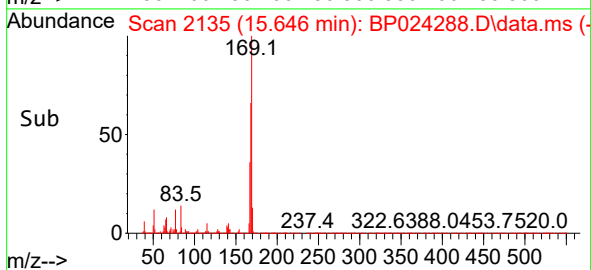
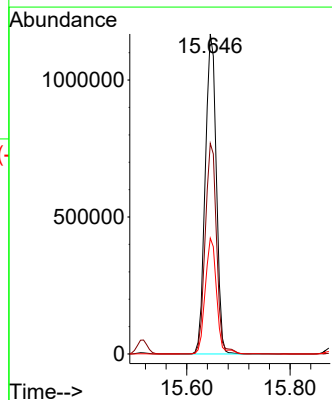
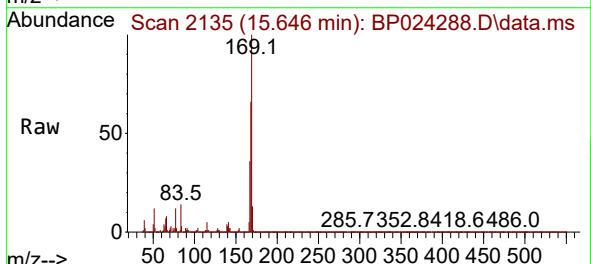
Instrument :
BNA_P
ClientSampleId :
PB167571BS

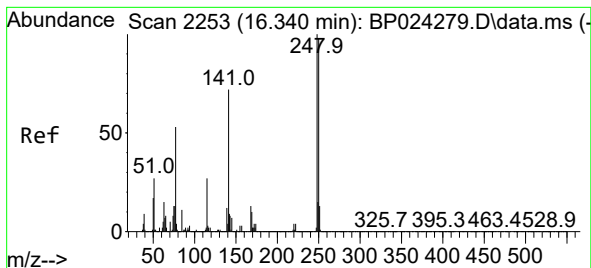
Tgt Ion:198 Resp: 357727
Ion Ratio Lower Upper
198 100
51 35.4 18.4 58.4
105 41.8 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.707 ng
RT: 15.646 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:169 Resp: 1734841
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 36.2 28.9 43.3

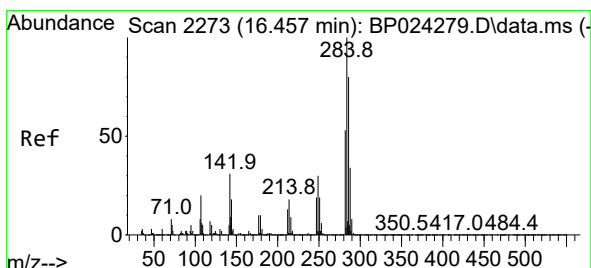
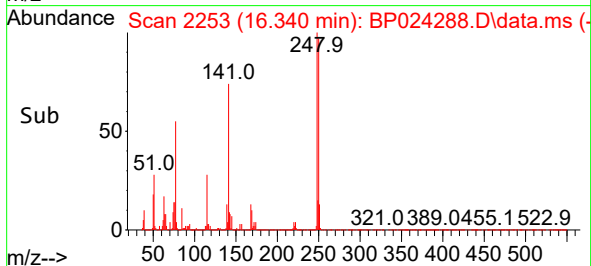
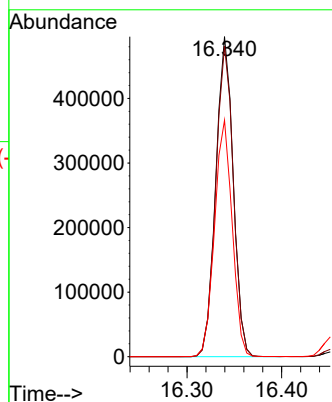
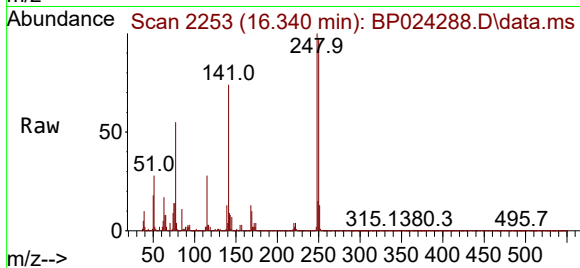




#67
4-Bromophenyl-phenylether
Concen: 47.809 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

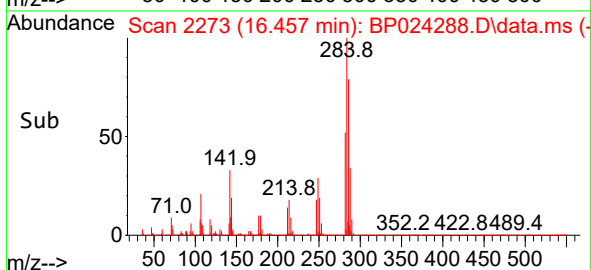
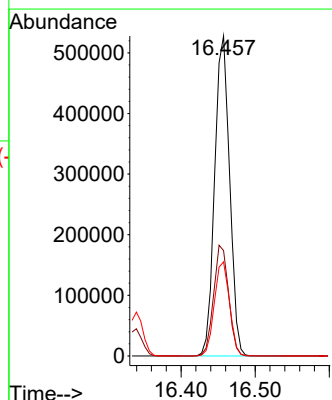
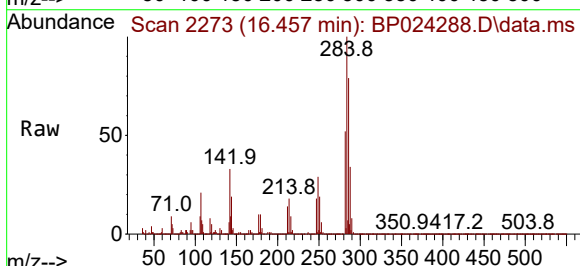
Instrument :
BNA_P
ClientSampleId :
PB167571BS

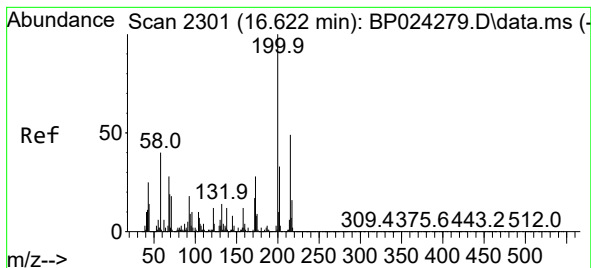
Tgt Ion:248 Resp: 637034
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.4
141 73.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.657 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:284 Resp: 738729
Ion Ratio Lower Upper
284 100
142 33.0 24.6 37.0
249 29.4 23.8 35.6





#69

Atrazine

Concen: 64.785 ng

RT: 16.628 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

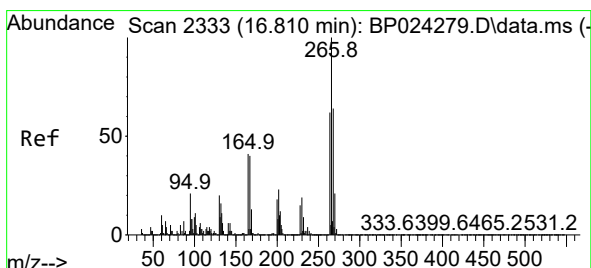
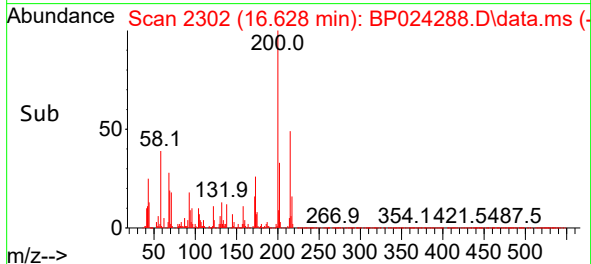
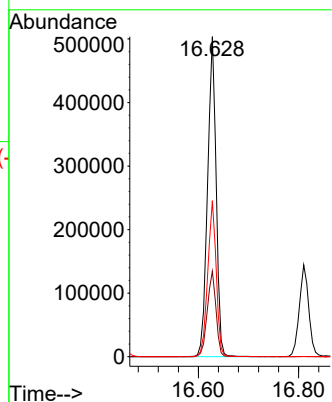
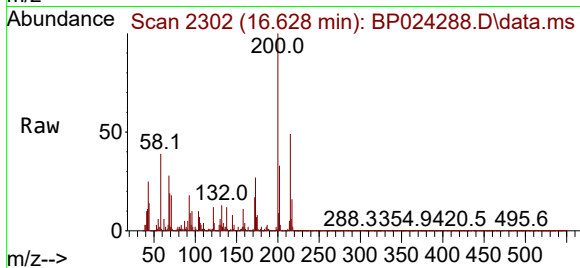
Tgt Ion:200 Resp: 600012

Ion Ratio Lower Upper

200 100

173 26.7 7.5 47.5

215 48.7 28.8 68.8



#70

Pentachlorophenol

Concen: 93.520 ng

RT: 16.810 min Scan# 2333

Delta R.T. -0.017 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

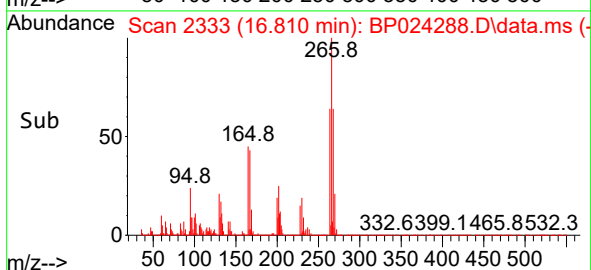
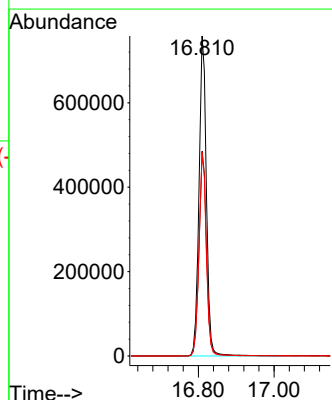
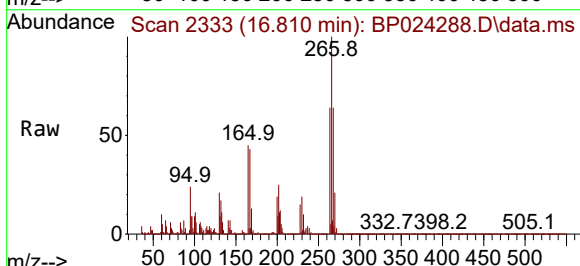
Tgt Ion:266 Resp: 1032992

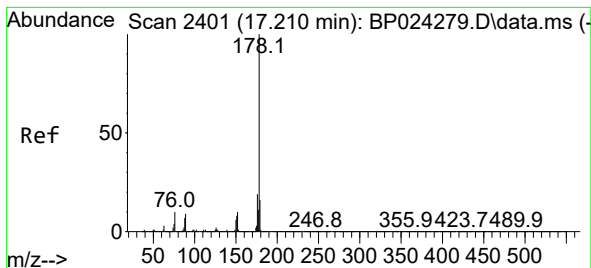
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.6 49.8 74.6

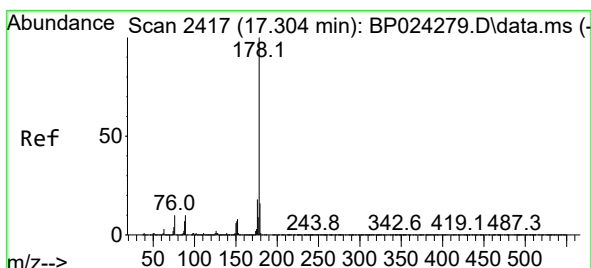
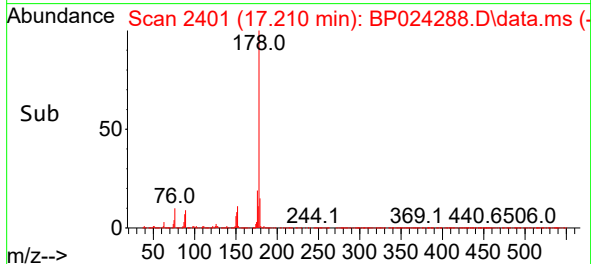
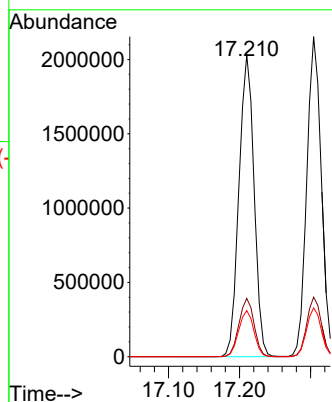
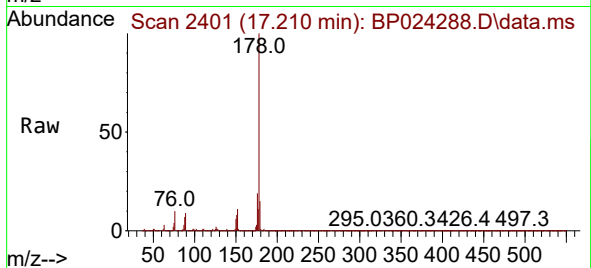




#71
Phenanthrene
Concen: 45.286 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

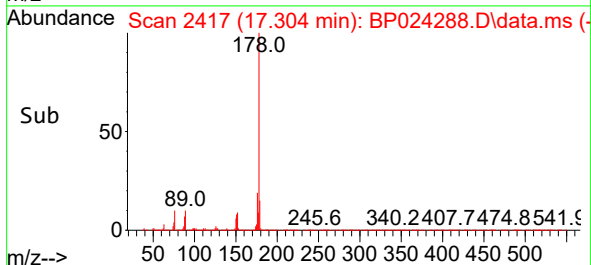
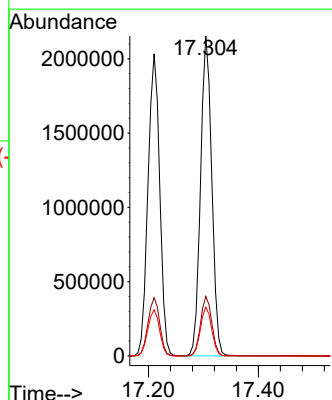
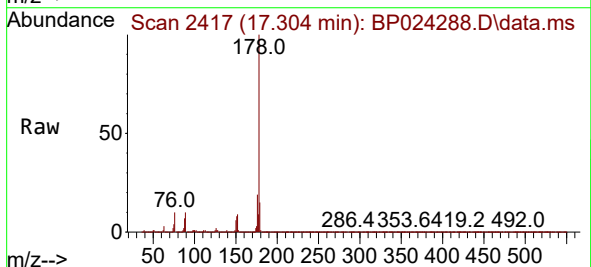
Instrument :
BNA_P
ClientSampleId :
PB167571BS

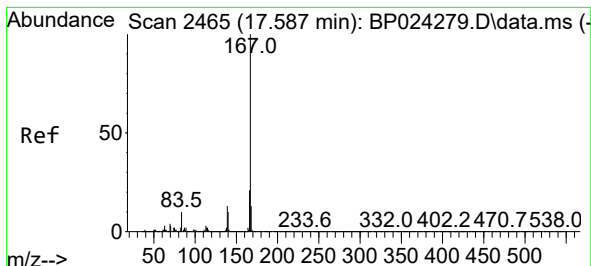
Tgt Ion:178 Resp: 3009831
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.5 18.7



#72
Anthracene
Concen: 47.766 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:178 Resp: 3059702
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.930 ng

RT: 17.587 min Scan# 2465

Delta R.T. -0.017 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

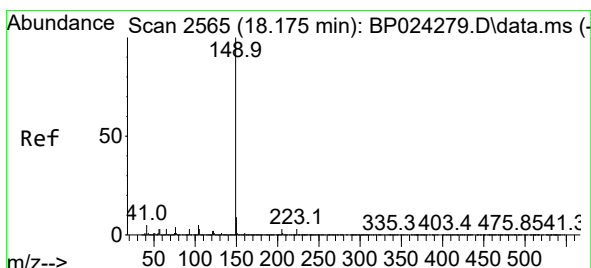
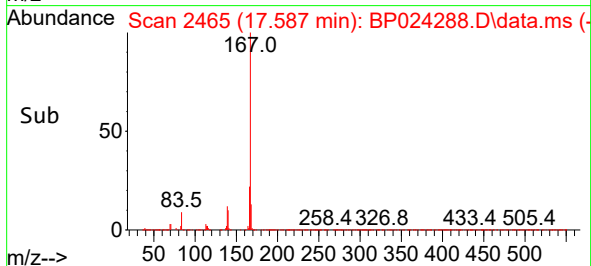
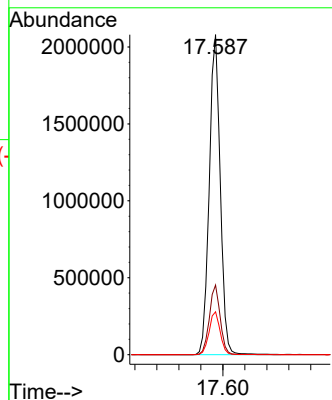
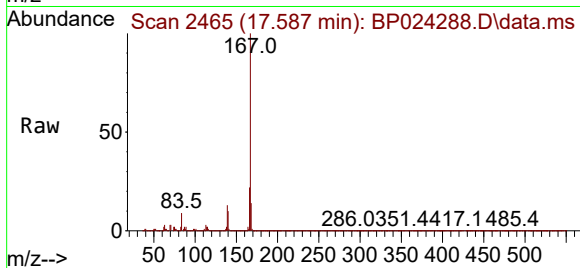
Tgt Ion:167 Resp: 2874727

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.837 ng

RT: 18.175 min Scan# 2565

Delta R.T. -0.017 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

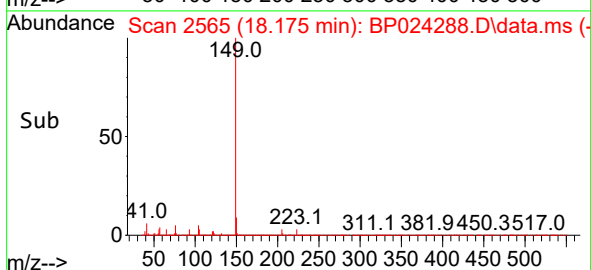
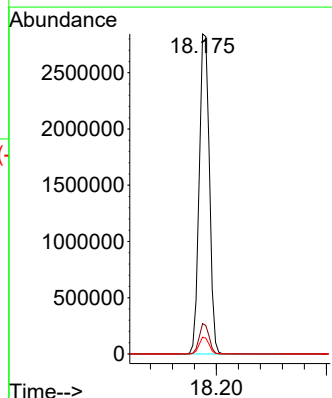
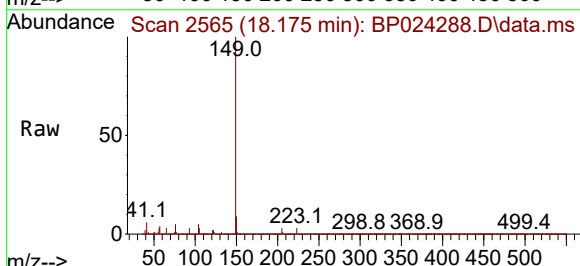
Tgt Ion:149 Resp: 3652206

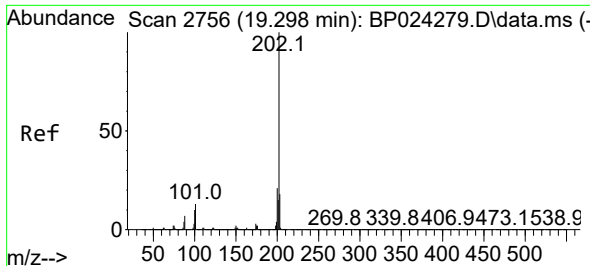
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.2 3.9 5.9

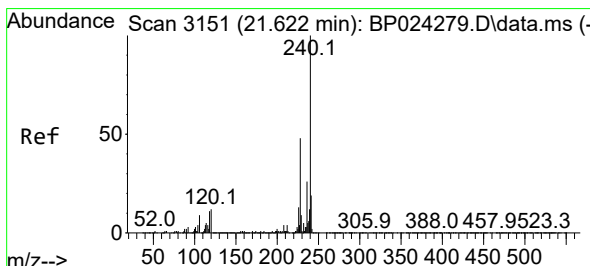
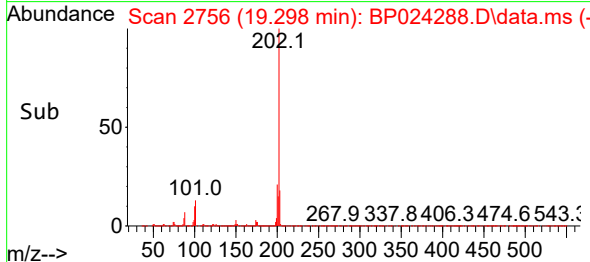
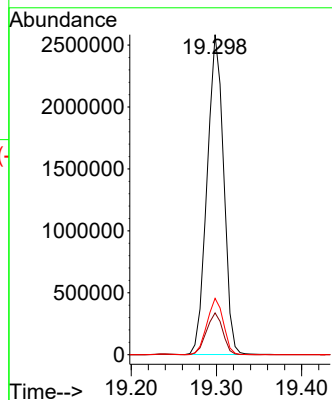
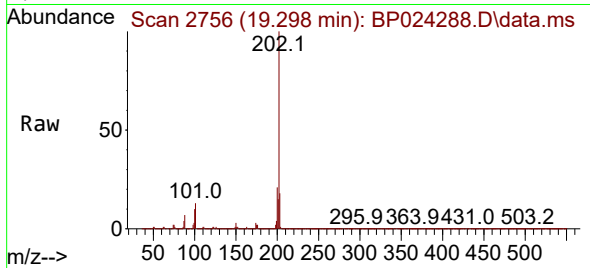




#75
Fluoranthene
Concen: 44.148 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

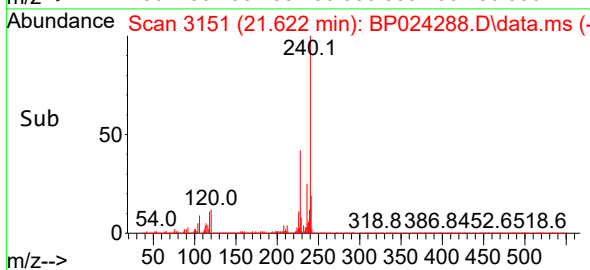
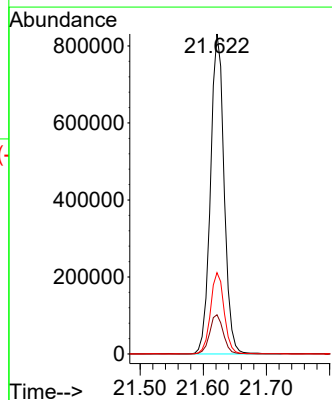
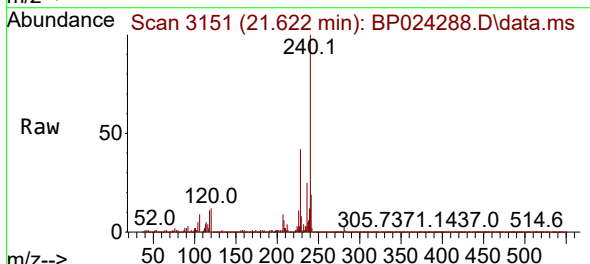
Instrument :
BNA_P
ClientSampleId :
PB167571BS

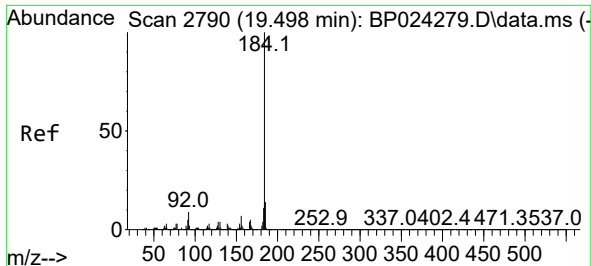
Tgt Ion:202 Resp: 3489735
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:240 Resp: 1245628
Ion Ratio Lower Upper
240 100
120 12.3 9.8 14.8
236 25.4 20.9 31.3

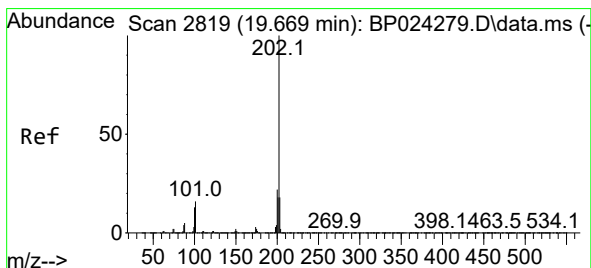
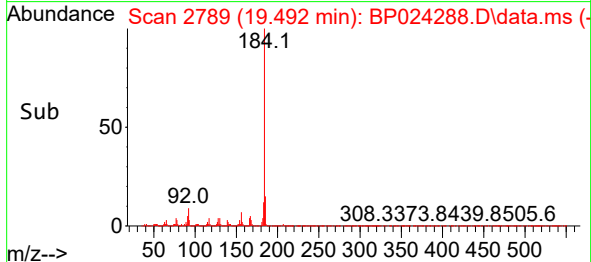
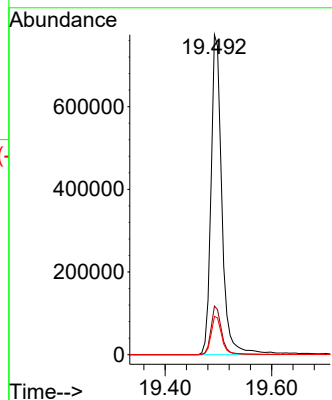
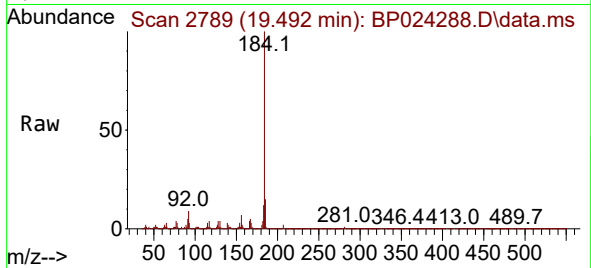




#77
Benzidine
Concen: 69.568 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

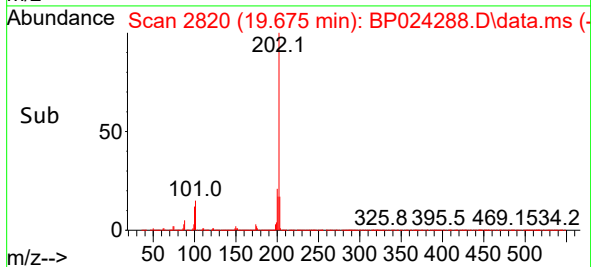
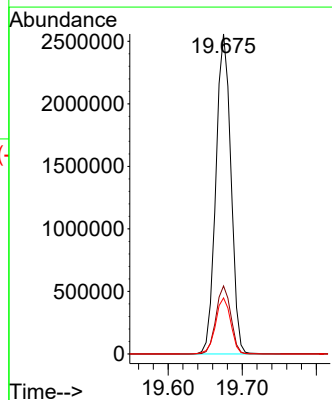
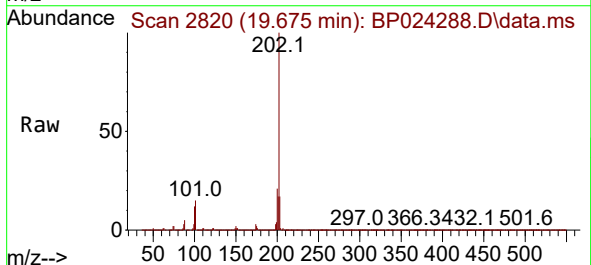
Instrument :
BNA_P
ClientSampleId :
PB167571BS

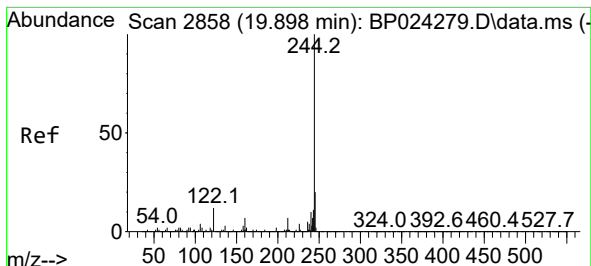
Tgt Ion:184 Resp: 1098443
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 12.0 9.2 13.8



#78
Pyrene
Concen: 45.439 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:202 Resp: 3597026
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 87.433 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

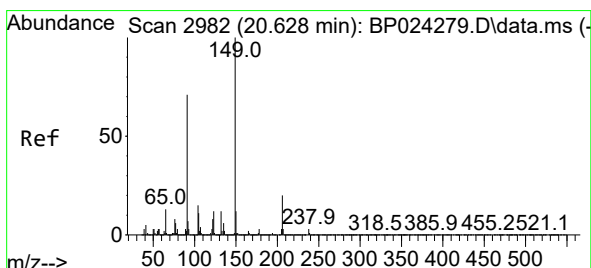
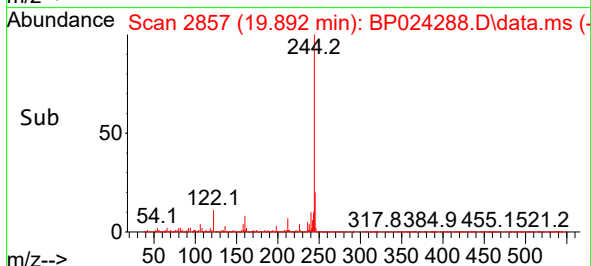
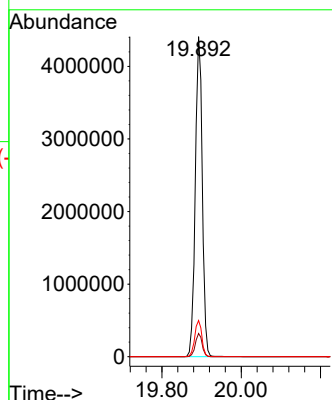
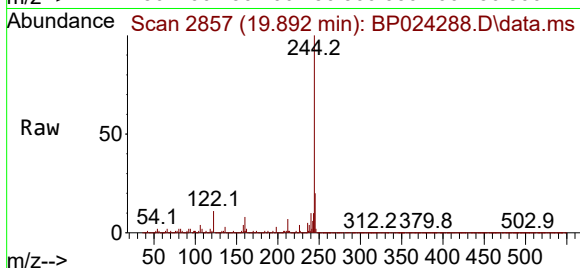
Tgt Ion:244 Resp: 5403216

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.3 9.4 14.0



#80

Butylbenzylphthalate

Concen: 50.028 ng

RT: 20.628 min Scan# 2982

Delta R.T. -0.017 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

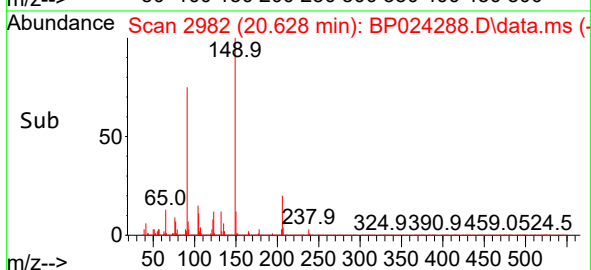
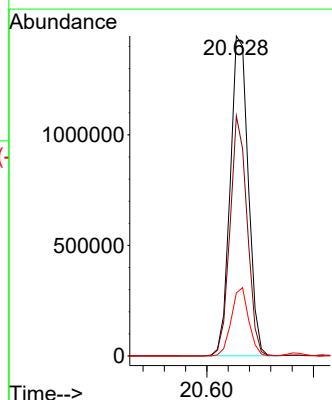
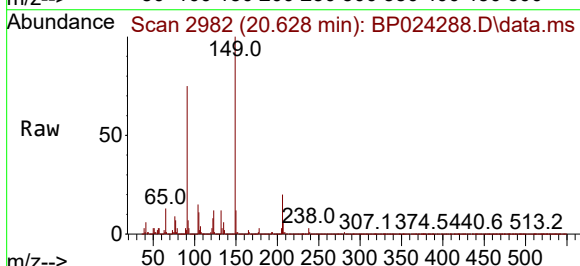
Tgt Ion:149 Resp: 1696281

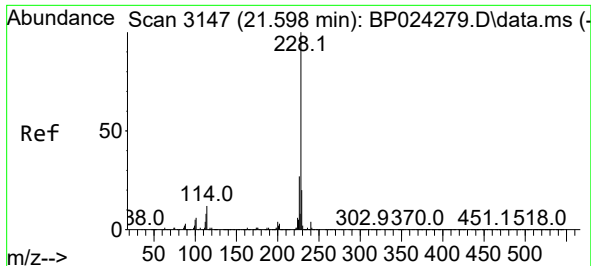
Ion Ratio Lower Upper

149 100

91 75.0 56.4 84.6

206 19.7 16.3 24.5

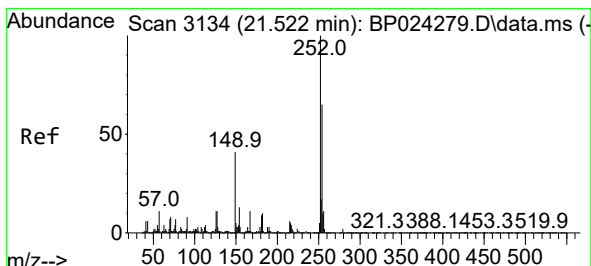
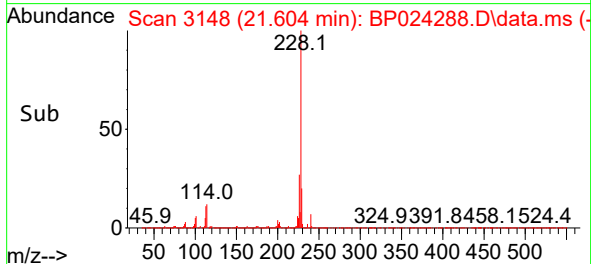
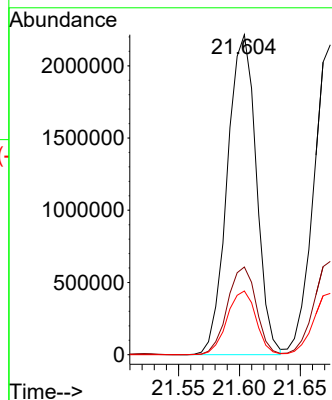
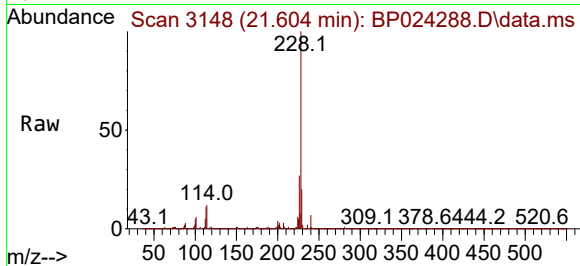




#81
Benzo(a)anthracene
Concen: 47.280 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

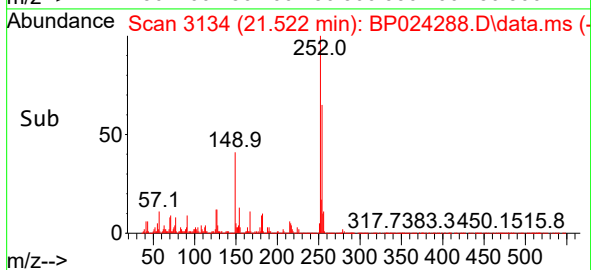
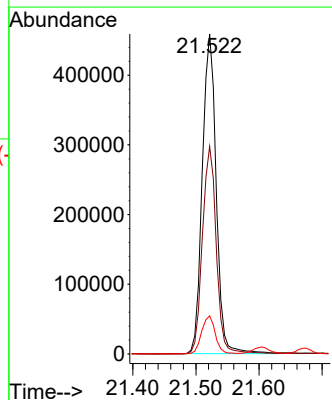
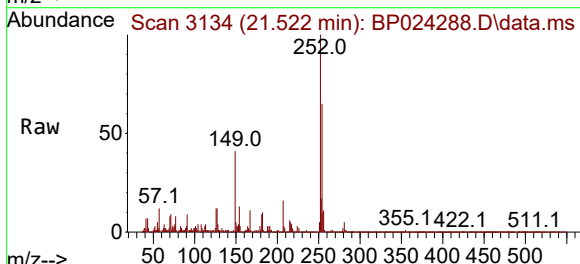
Instrument :
BNA_P
ClientSampleId :
PB167571BS

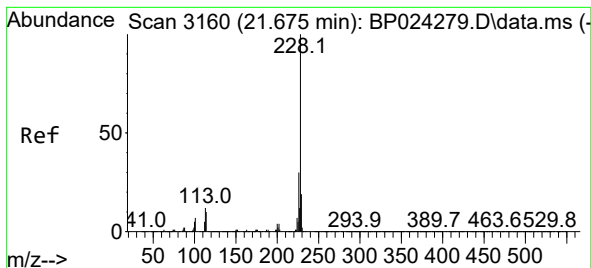
Tgt Ion:228 Resp: 3660596
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 25.843 ng
RT: 21.522 min Scan# 3134
Delta R.T. -0.017 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:252 Resp: 702283
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 11.9 8.8 13.2





#83

Chrysene

Concen: 45.938 ng

RT: 21.675 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

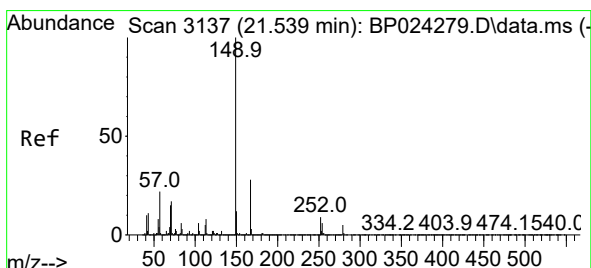
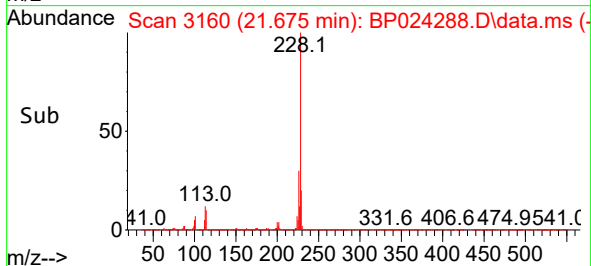
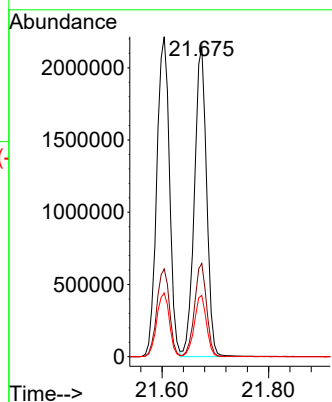
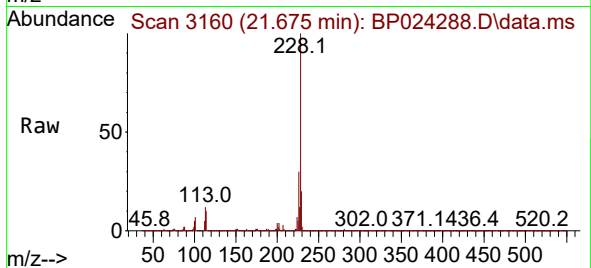
Tgt Ion:228 Resp: 3407456

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.504 ng

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

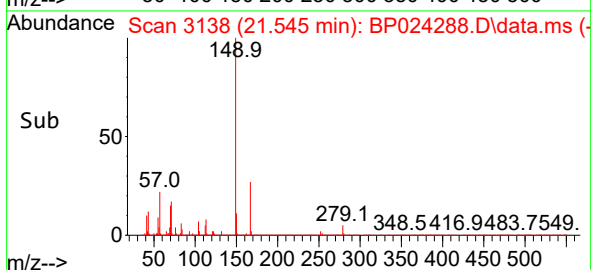
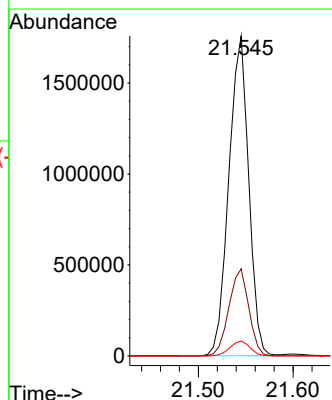
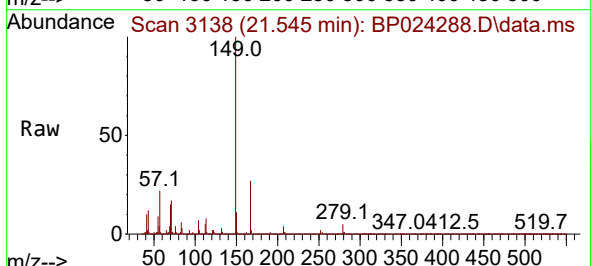
Tgt Ion:149 Resp: 2560024

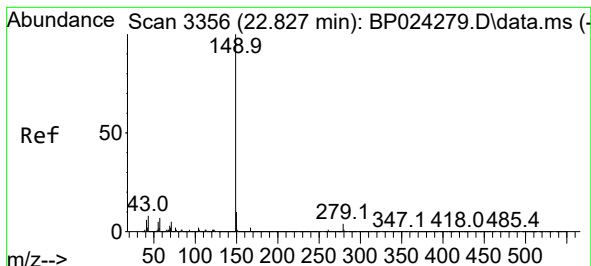
Ion Ratio Lower Upper

149 100

167 27.2 22.4 33.6

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.078 ng

RT: 22.833 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

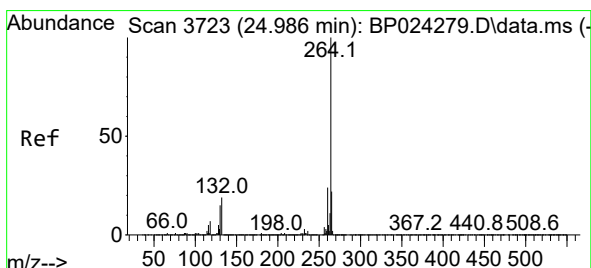
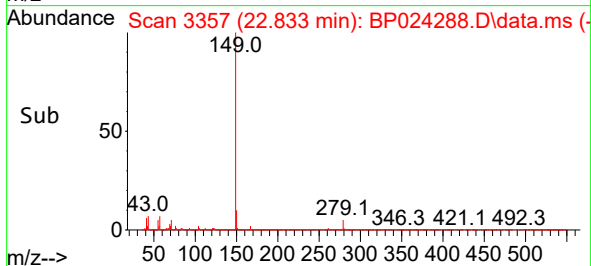
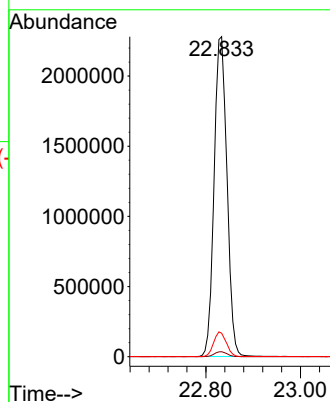
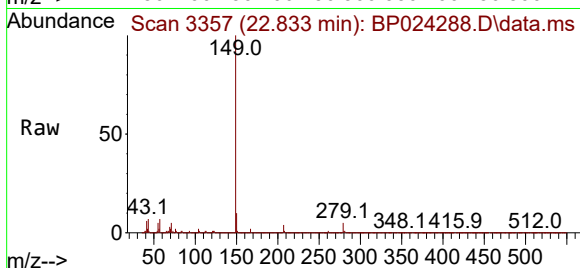
Tgt Ion:149 Resp: 4289111

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

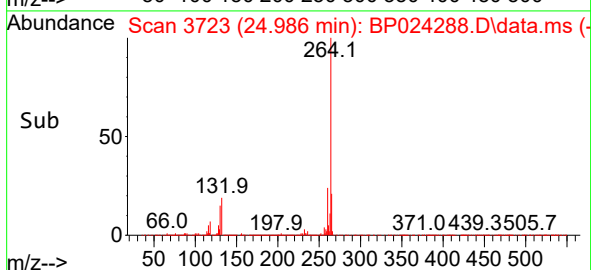
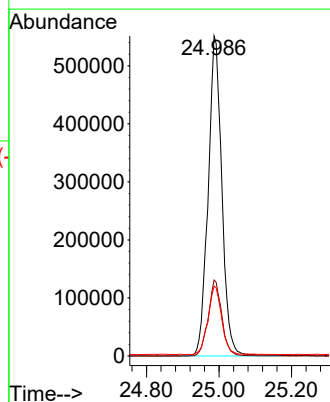
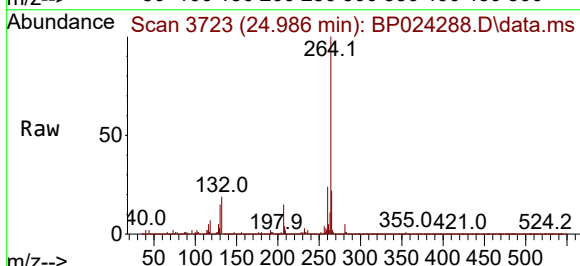
Tgt Ion:264 Resp: 1446859

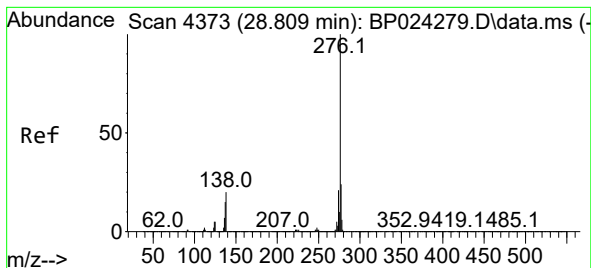
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.849 ng m

RT: 28.810 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

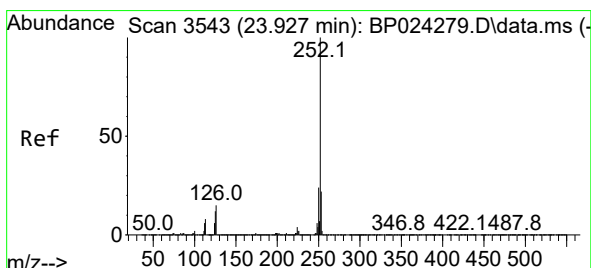
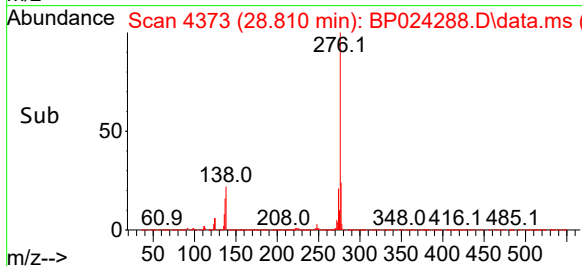
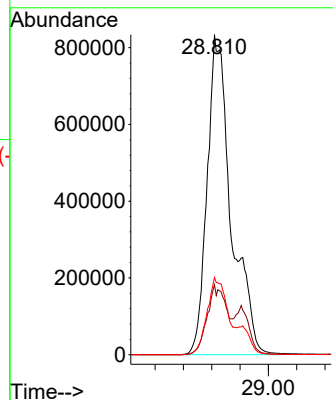
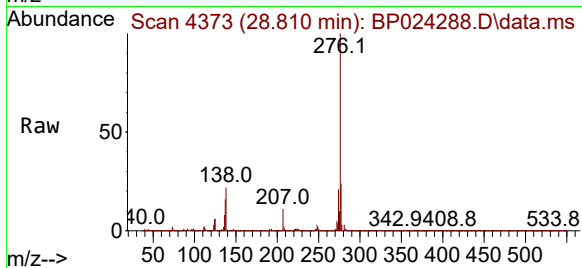
Tgt Ion:276 Resp: 4906766

Ion Ratio Lower Upper

276 100

138 8.7 14.5 21.7#

277 20.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.473 ng

RT: 23.933 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

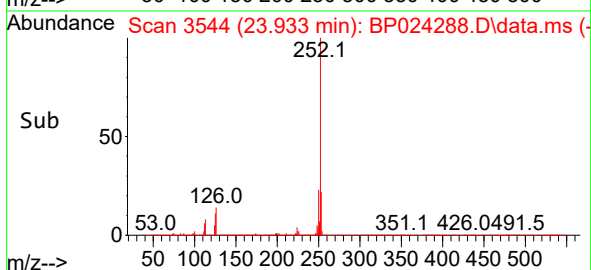
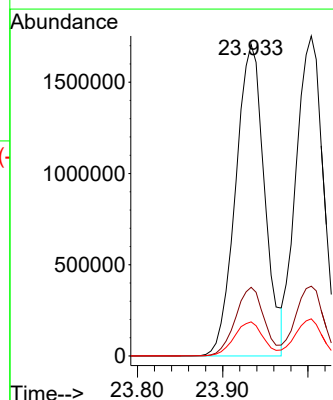
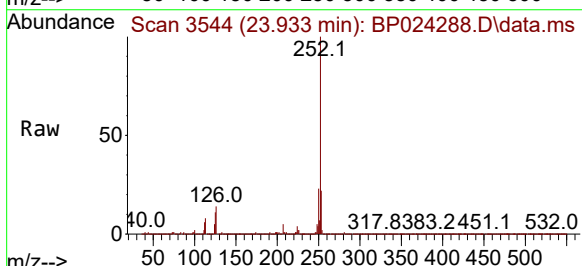
Tgt Ion:252 Resp: 4030455

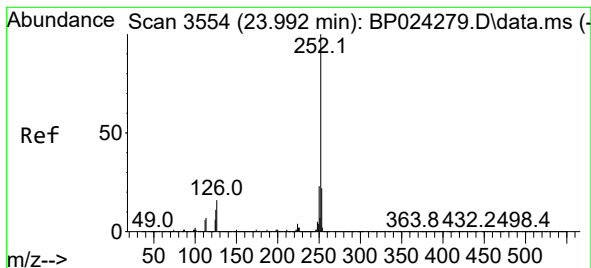
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.0 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 46.474 ng

RT: 24.004 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB167571BS

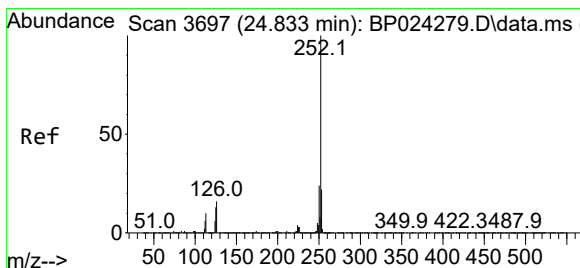
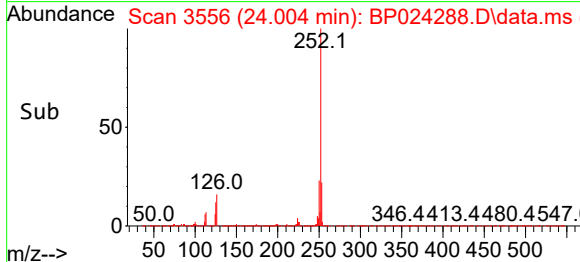
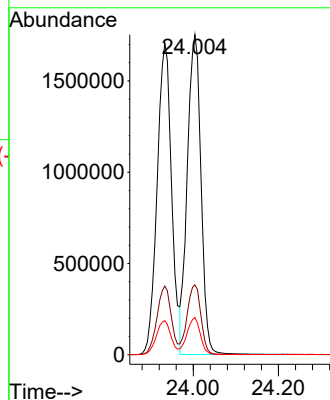
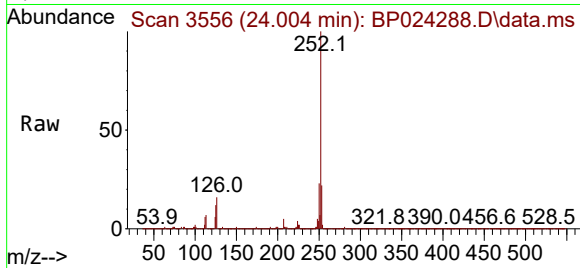
Tgt Ion:252 Resp: 3893229

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.6 9.1 13.7



#90

Benzo(a)pyrene

Concen: 50.728 ng

RT: 24.845 min Scan# 3699

Delta R.T. 0.012 min

Lab File: BP024288.D

Acq: 15 Apr 2025 10:36

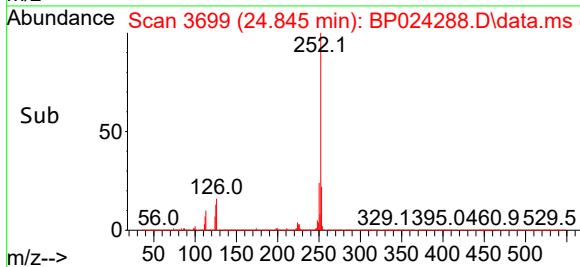
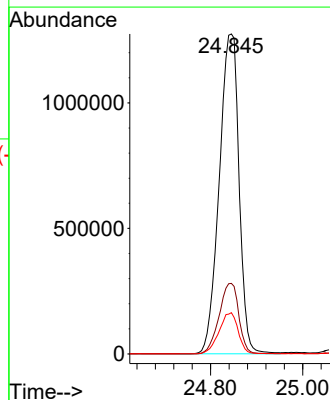
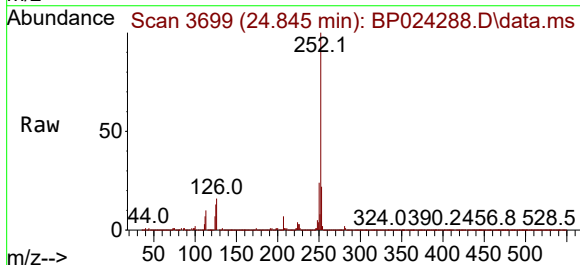
Tgt Ion:252 Resp: 3794930

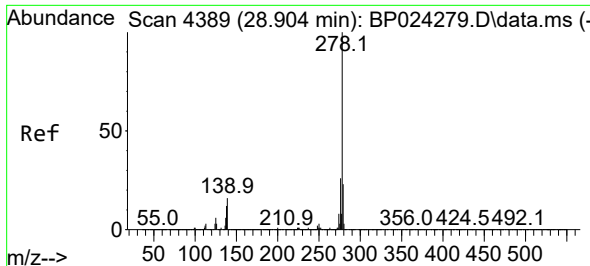
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.9 10.1 15.1

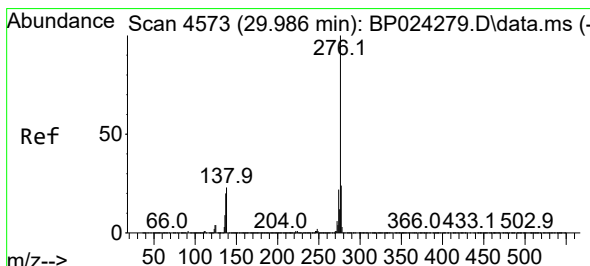
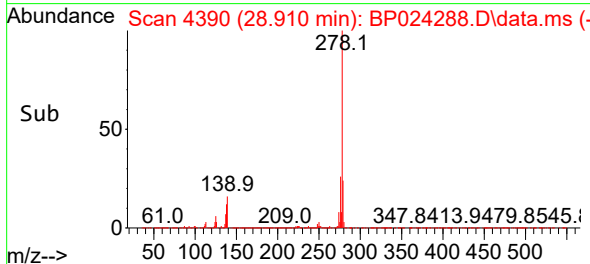
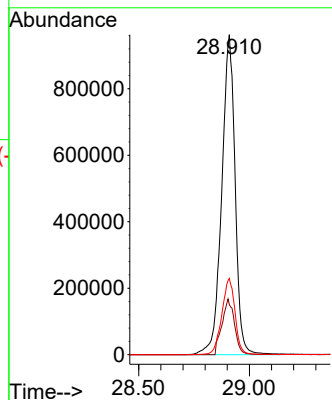
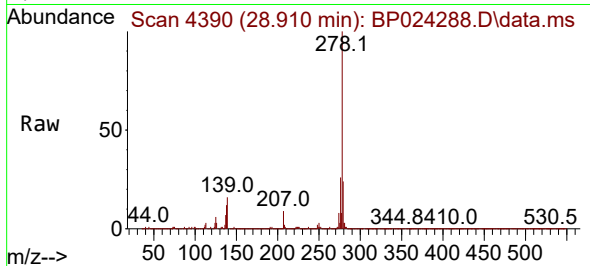




#91
Dibenzo(a,h)anthracene
Concen: 48.584 ng
RT: 28.910 min Scan# 41
Delta R.T. 0.024 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB167571BS

Tgt Ion:278 Resp: 4050635
Ion Ratio Lower Upper
278 100
139 15.7 12.6 19.0
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.618 ng
RT: 30.004 min Scan# 4576
Delta R.T. 0.006 min
Lab File: BP024288.D
Acq: 15 Apr 2025 10:36

Tgt Ion:276 Resp: 3956164
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 21.6 18.7 28.1

