

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024437.D
 Acq On : 28 Apr 2025 14:56
 Operator : RC/JU
 Sample : PB167739BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167739BS

Quant Time: Apr 28 15:27:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	174066	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	694511	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	444446	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	859977	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	928094	20.000	ng	0.00
86) Perylene-d12	24.939	264	1073951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1385803	131.638	ng	0.00
7) Phenol-d6	6.910	99	1723371	119.554	ng	0.00
23) Nitrobenzene-d5	8.869	82	1042202	85.568	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	959434	156.027	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2560379	88.205	ng	0.00
79) Terphenyl-d14	19.857	244	4211414	91.464	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	152092	34.156	ng	# 95
3) Pyridine	3.675	79	394560	33.556	ng	93
4) n-Nitrosodimethylamine	3.587	42	181716	46.567	ng	80
6) Aniline	7.058	93	480684	37.317	ng	99
8) 2-Chlorophenol	7.293	128	558928	47.553	ng	98
9) Benzaldehyde	6.869	77	238720	33.478	ng	95
10) Phenol	6.934	94	649493	44.915	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	462068	39.660	ng	99
12) 1,3-Dichlorobenzene	7.610	146	560813	44.320	ng	98
13) 1,4-Dichlorobenzene	7.752	146	571410	44.507	ng	99
14) 1,2-Dichlorobenzene	8.069	146	552795	44.590	ng	99
15) Benzyl Alcohol	7.963	79	452478	48.538	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	514872	40.884	ng	99
17) 2-Methylphenol	8.163	107	459297	49.099	ng	98
18) Hexachloroethane	8.787	117	210941	45.463	ng	95
19) n-Nitroso-di-n-propyla...	8.516	70	355195	39.829	ng	97
20) 3+4-Methylphenols	8.487	107	619514	47.729	ng	98
22) Acetophenone	8.534	105	763416	44.412	ng	# 98
24) Nitrobenzene	8.910	77	539657	44.789	ng	97
25) Isophorone	9.428	82	1020271	46.278	ng	98
26) 2-Nitrophenol	9.610	139	298491	50.622	ng	95
27) 2,4-Dimethylphenol	9.675	122	515081	69.570	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	635066	42.641	ng	99
29) 2,4-Dichlorophenol	10.151	162	517127	51.226	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	519164	48.000	ng	99
31) Naphthalene	10.546	128	1597232	43.659	ng	99
32) Benzoic acid	9.846	122	408962m	47.405	ng	
33) 4-Chloroaniline	10.657	127	268388	20.832	ng	99
34) Hexachlorobutadiene	10.822	225	329337	51.817	ng	99
35) Caprolactam	11.451	113	176783	47.460	ng	97
36) 4-Chloro-3-methylphenol	11.793	107	584728	49.729	ng	98
37) 2-Methylnaphthalene	12.151	142	1036329	40.846	ng	98
38) 1-Methylnaphthalene	12.375	142	1084532	43.695	ng	98
40) 1,2,4,5-Tetrachloroben...	12.528	216	588606	48.158	ng	99
41) Hexachlorocyclopentadiene	12.504	237	832826	192.663	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	428405	52.720	ng	98

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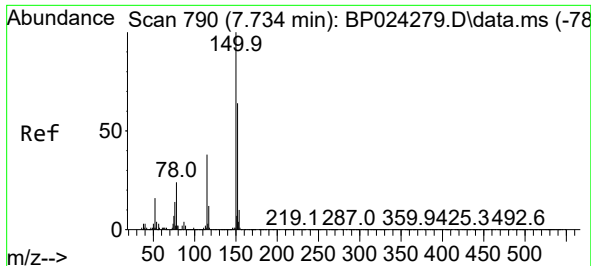
Quant Time: Apr 28 15:27:16 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	468944	52.113	ng	99
46) 1,1'-Biphenyl	13.169	154	1469602	44.984	ng	99
47) 2-Chloronaphthalene	13.210	162	1132954	46.401	ng	98
48) 2-Nitroaniline	13.422	65	347092	50.678	ng	98
49) Acenaphthylene	14.063	152	1918773	49.914	ng	100
50) Dimethylphthalate	13.804	163	1506581	46.613	ng	100
51) 2,6-Dinitrotoluene	13.922	165	334644	48.758	ng	97
52) Acenaphthene	14.416	154	1086133	44.567	ng	100
53) 3-Nitroaniline	14.257	138	202661	28.095	ng	97
54) 2,4-Dinitrophenol	14.469	184	459810	113.736	ng	91
55) Dibenzofuran	14.751	168	1747946	43.878	ng	97
56) 4-Nitrophenol	14.587	139	644986	103.531	ng	94
57) 2,4-Dinitrotoluene	14.722	165	490551	52.396	ng	99
58) Fluorene	15.410	166	1437836	46.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	420875	50.711	ng	99
60) Diethylphthalate	15.186	149	1546126	46.420	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	717576	47.918	ng	98
62) 4-Nitroaniline	15.439	138	363183	47.561	ng	91
63) Azobenzene	15.704	77	1261136	41.196	ng	95
65) 4,6-Dinitro-2-methylph...	15.498	198	288267	53.168	ng	96
66) n-Nitrosodiphenylamine	15.628	169	1237554	48.213	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	483154	51.370	ng	99
68) Hexachlorobenzene	16.433	284	589527	52.748	ng	97
69) Atrazine	16.598	200	466713	71.390	ng	99
70) Pentachlorophenol	16.786	266	828355	106.242	ng	99
71) Phenanthrene	17.180	178	2168592	46.225	ng	99
72) Anthracene	17.275	178	2269276	50.188	ng	100
73) Carbazole	17.557	167	2120449	47.996	ng	99
74) Di-n-butylphthalate	18.139	149	2646737	48.086	ng	100
75) Fluoranthene	19.263	202	2606233	46.710	ng	97
77) Benzidine	19.463	184	1217558	103.495	ng	99
78) Pyrene	19.639	202	2723599	46.177	ng	99
80) Butylbenzylphthalate	20.592	149	1254680	49.664	ng	97
81) Benzo(a)anthracene	21.569	228	2805394	48.632	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	659391	32.567	ng	100
83) Chrysene	21.633	228	2570431	46.510	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1820428	49.155	ng	100
85) Di-n-octyl phthalate	22.780	149	3062147	50.860	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	3671832	49.248	ng	97
88) Benzo(b)fluoranthene	23.880	252	2999846	46.601	ng	# 98
89) Benzo(k)fluoranthene	23.951	252	2965742m	47.695	ng	
90) Benzo(a)pyrene	24.774	252	2834520	51.046	ng	# 97
91) Dibenzo(a,h)anthracene	28.809	278	3026043	48.897	ng	97
92) Benzo(g,h,i)perylene	29.909	276	2939912	46.672	ng	# 95

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

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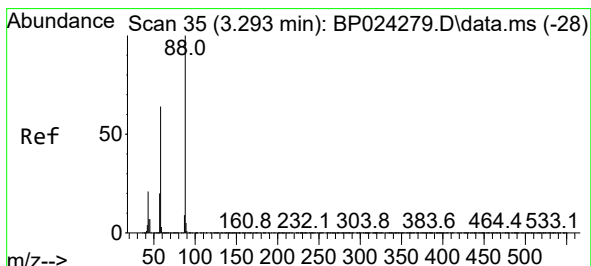
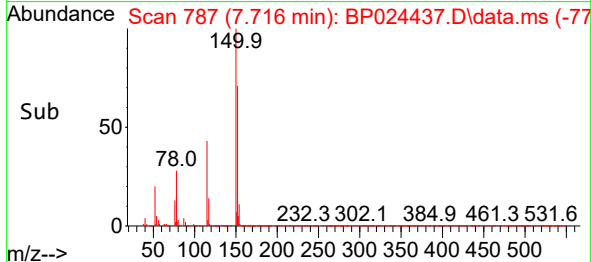
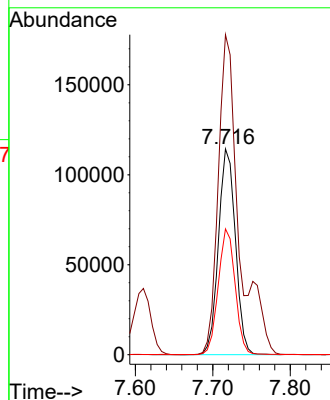
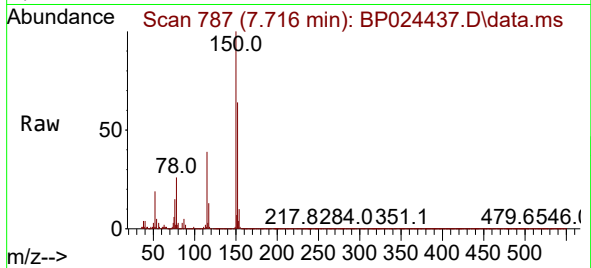




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

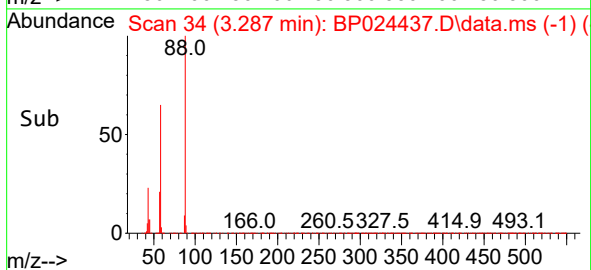
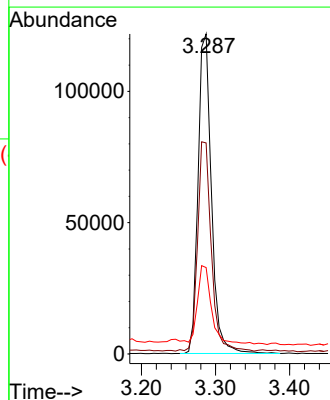
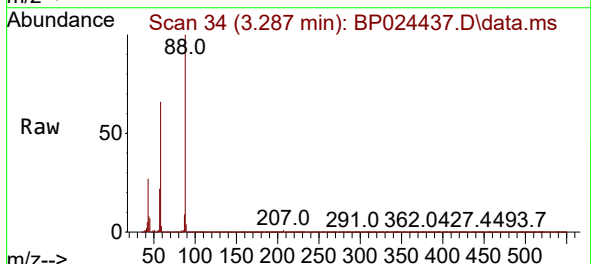
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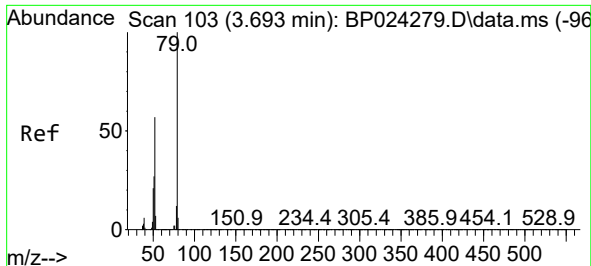
Tgt Ion:152 Resp: 174066
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 61.1 47.7 71.5



#2
 1,4-Dioxane
 Concen: 34.156 ng
 RT: 3.287 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

Tgt Ion: 88 Resp: 152092
 Ion Ratio Lower Upper
 88 100
 58 66.5 51.4 77.2
 43 26.2 17.1 25.7#

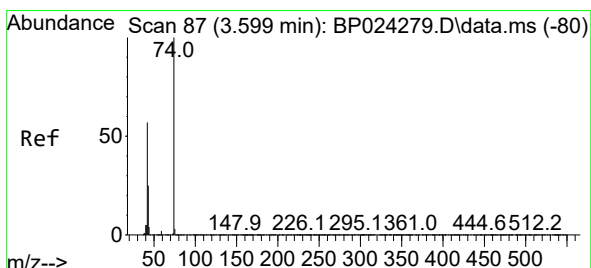
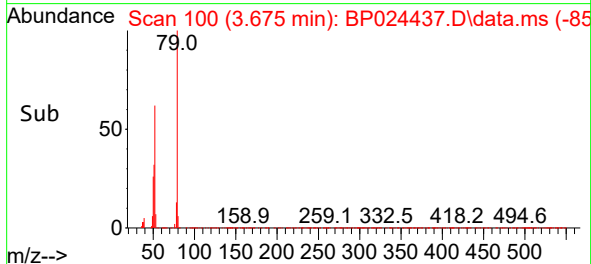
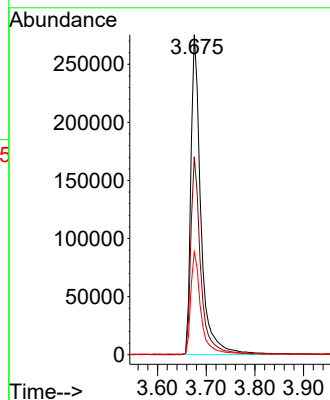
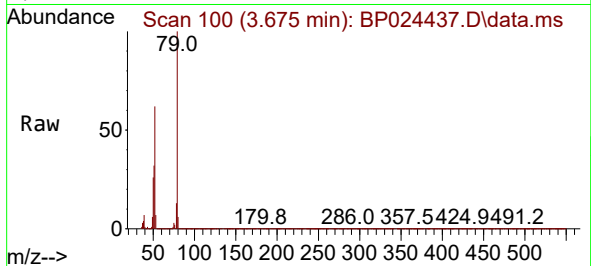




#3
 Pyridine
 Concen: 33.556 ng
 RT: 3.675 min Scan# 103
 Delta R.T. -0.012 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

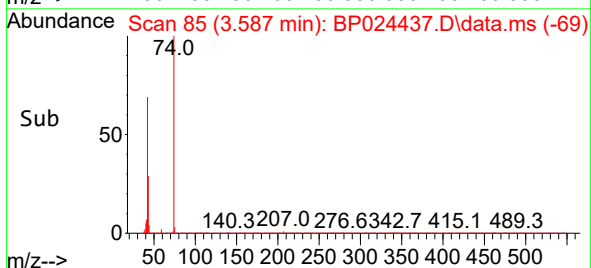
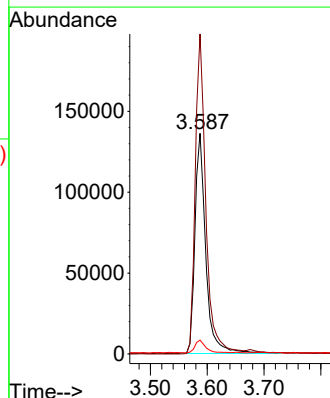
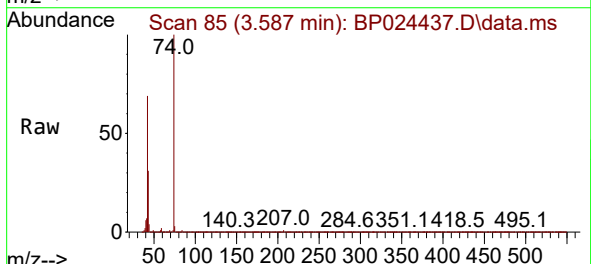
Instrument :
 BNA_P
 ClientSampleId :
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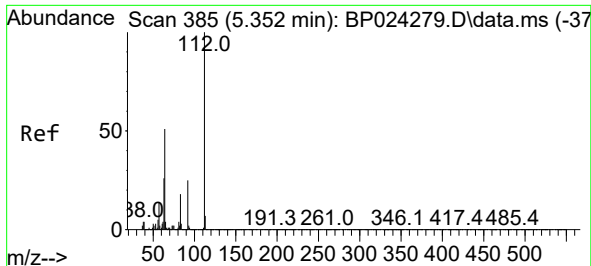
Tgt Ion: 79 Resp: 394560
 Ion Ratio Lower Upper
 79 100
 52 61.9 45.4 68.2
 51 32.1 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 46.567 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

Tgt Ion: 42 Resp: 181716
 Ion Ratio Lower Upper
 42 100
 74 145.0 139.5 209.3
 44 6.3 5.8 8.8

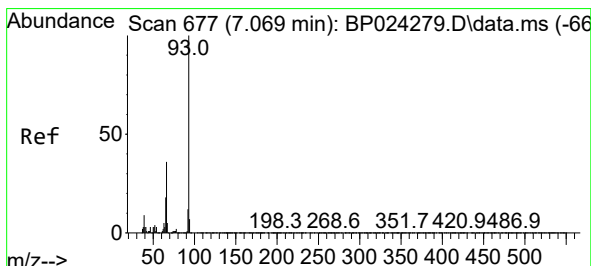
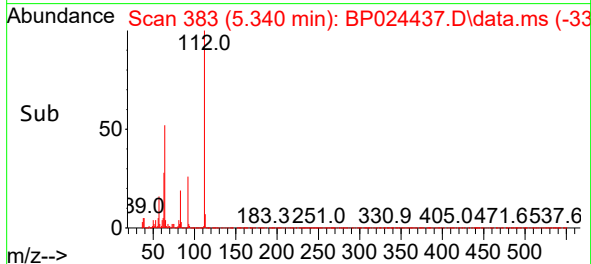
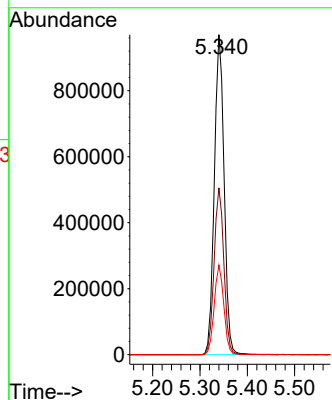
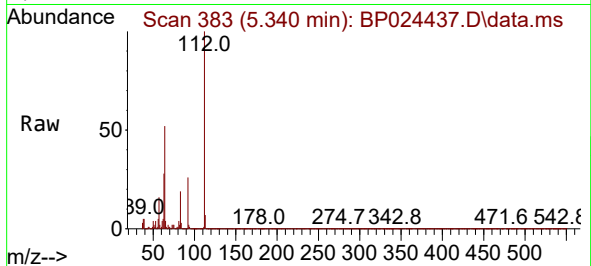




#5
2-Fluorophenol
Concen: 131.638 ng
RT: 5.340 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

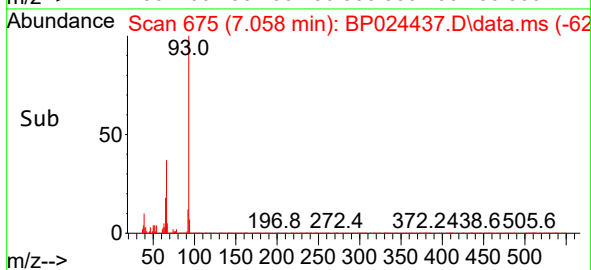
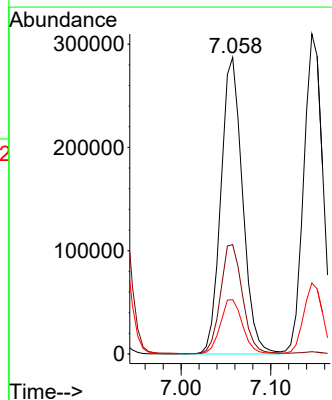
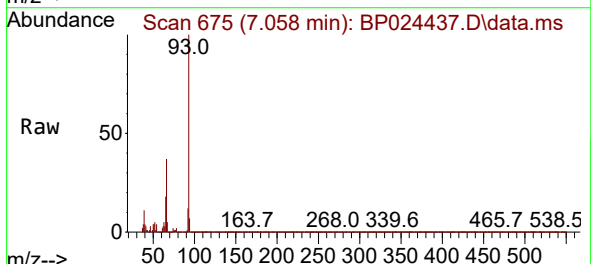
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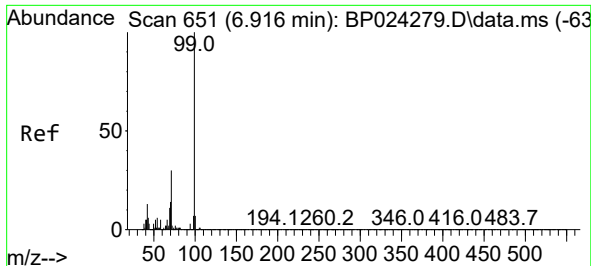
Tgt Ion:112 Resp: 1385803
Ion Ratio Lower Upper
112 100
64 52.1 41.1 61.7
63 27.9 20.6 30.8



#6
Aniline
Concen: 37.317 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 93 Resp: 480684
Ion Ratio Lower Upper
93 100
66 36.9 29.1 43.7
65 18.3 14.7 22.1



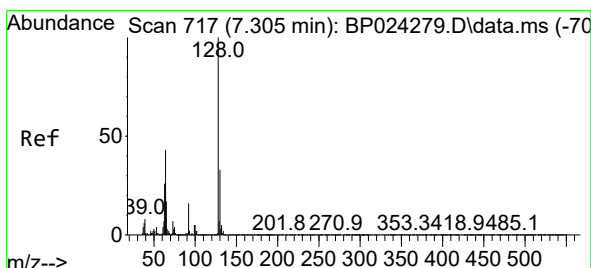
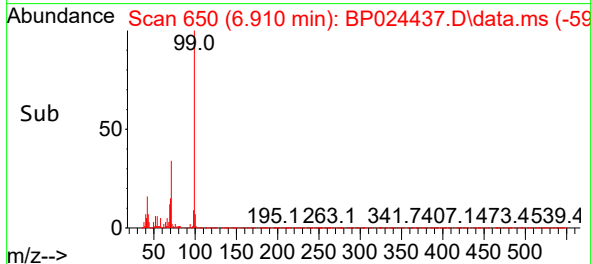
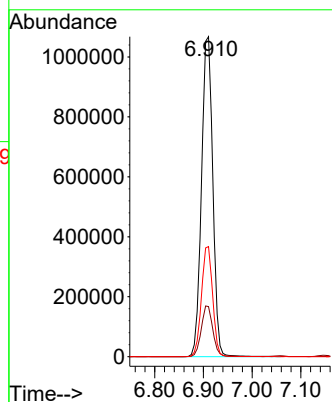
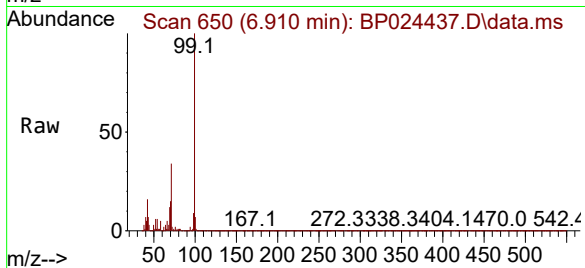


#7
Phenol-d6
Concen: 119.554 ng
RT: 6.910 min Scan# 610
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Instrument :
BNA_P
ClientSampleId :
PB167739BS

Tgt Ion: 99 Resp: 1723371

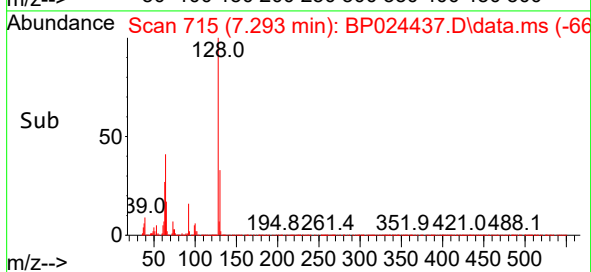
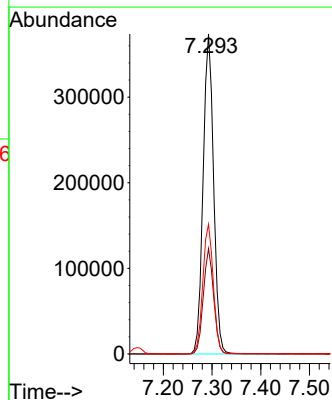
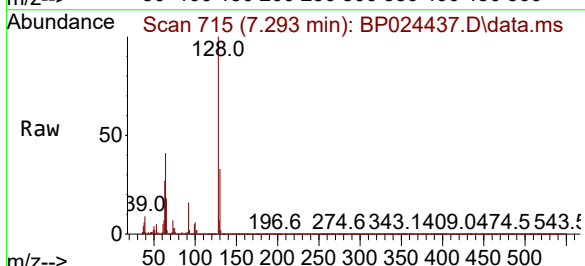
Ion	Ratio	Lower	Upper
99	100		
42	15.7	10.6	16.0
71	34.4	23.7	35.5

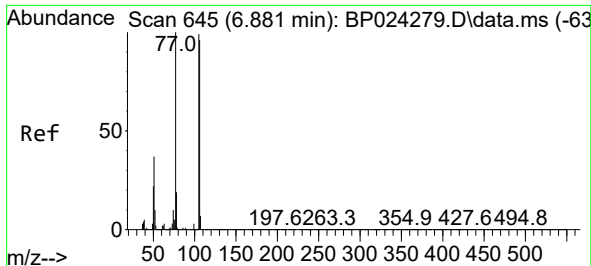


#8
2-Chlorophenol
Concen: 47.553 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 128 Resp: 558928

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.5	22.7	62.7

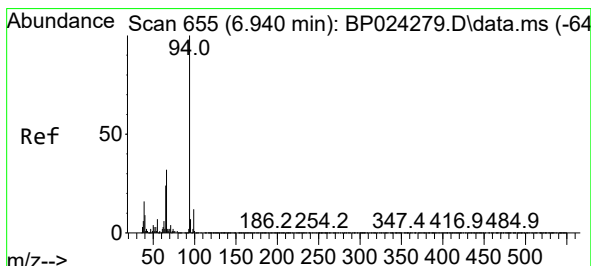
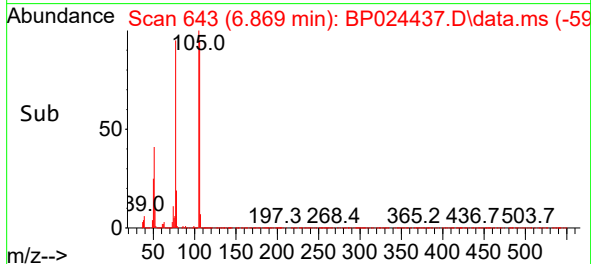
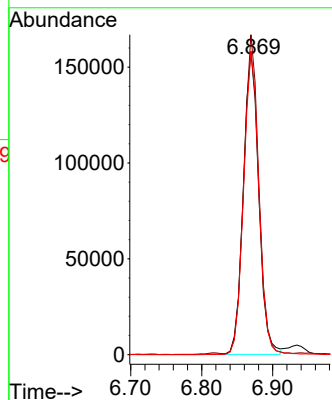
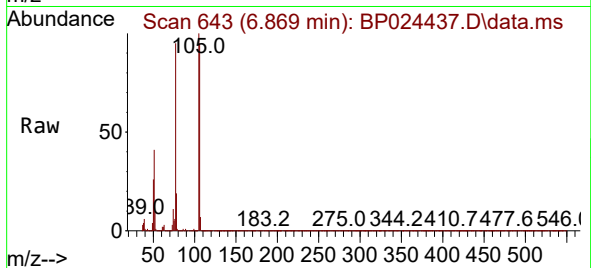




#9
Benzaldehyde
Concen: 33.478 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

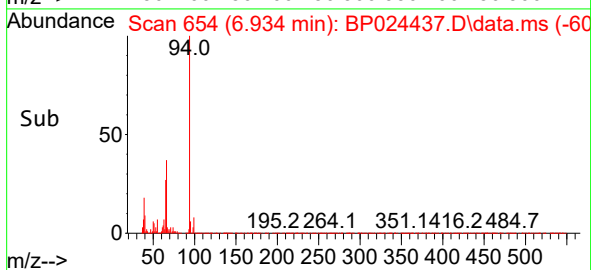
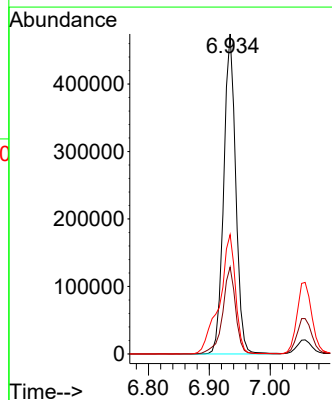
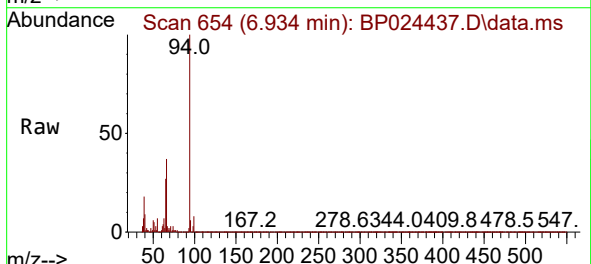
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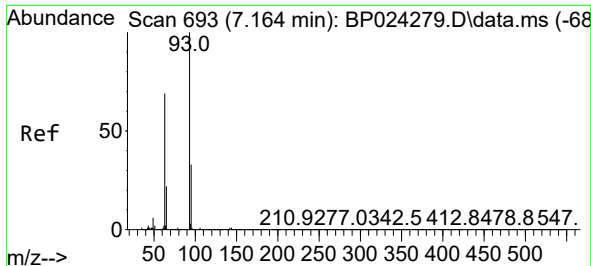
Tgt Ion: 77 Resp: 238720
Ion Ratio Lower Upper
77 100
105 105.7 79.2 119.2
106 100.3 76.2 116.2



#10
Phenol
Concen: 44.915 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 649493
Ion Ratio Lower Upper
94 100
65 27.2 4.5 44.5
66 37.3 12.4 52.4

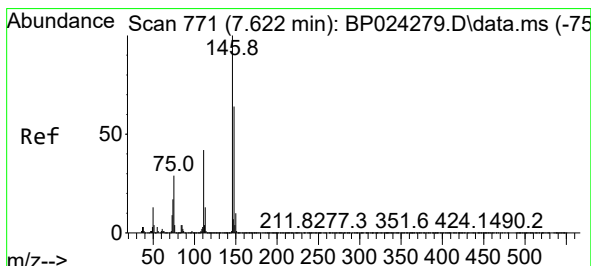
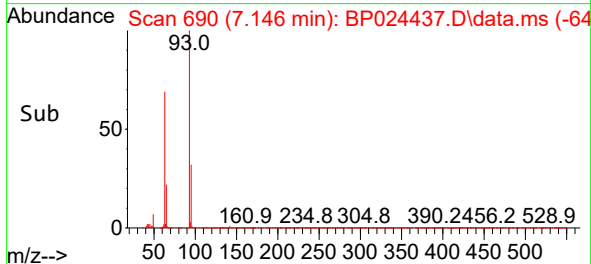
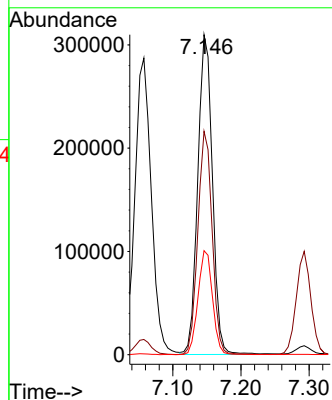
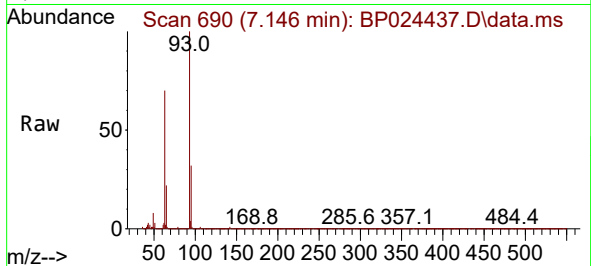




#11
bis(2-Chloroethyl)ether
Concen: 39.660 ng
RT: 7.146 min Scan# 693
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

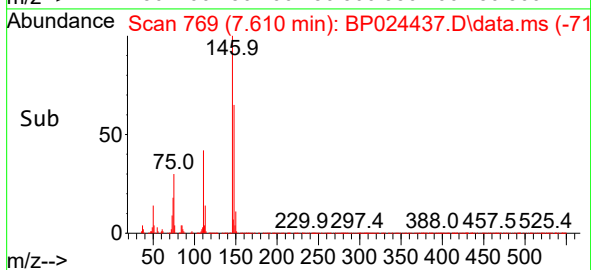
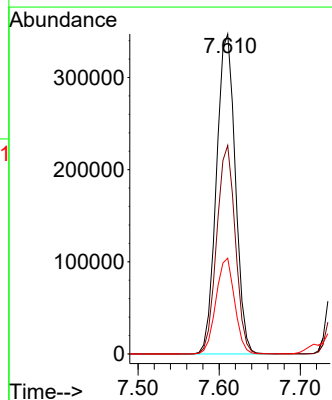
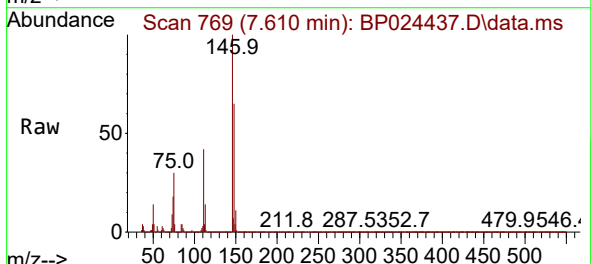
Instrument :
BNA_P
ClientSampleId :
PB167739BS

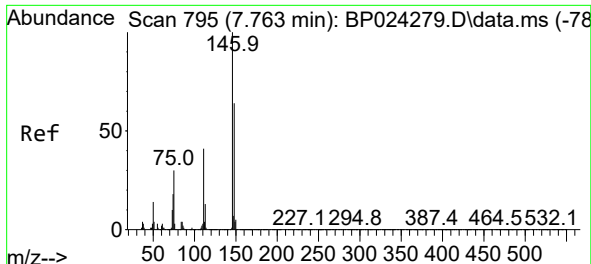
Tgt Ion: 93 Resp: 462068
Ion Ratio Lower Upper
93 100
63 69.8 48.6 88.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.320 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 146 Resp: 560813
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 30.0 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.507 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

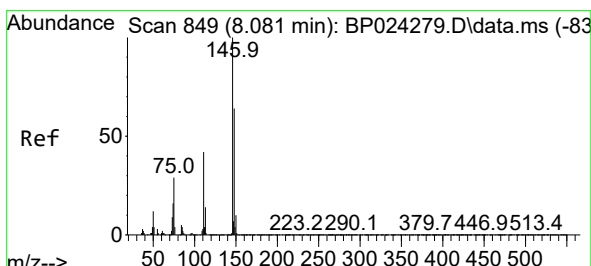
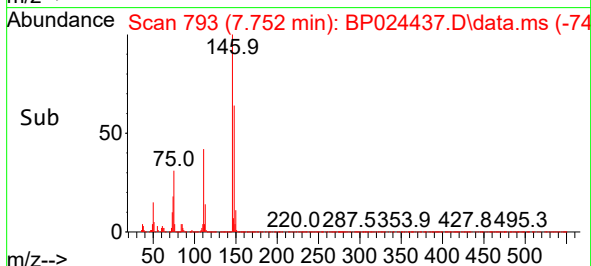
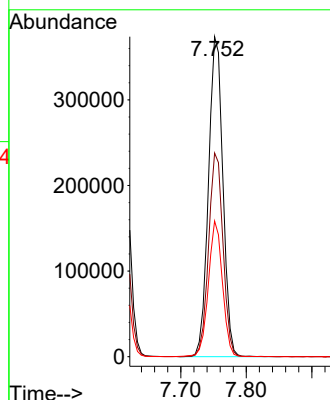
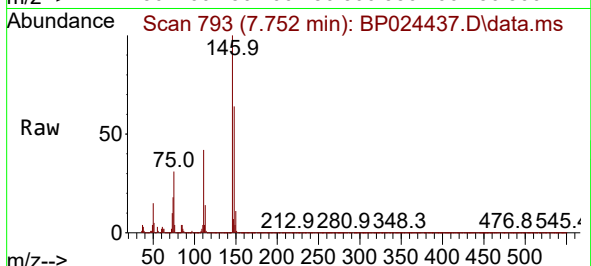
Tgt Ion:146 Resp: 571410

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 42.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.590 ng

RT: 8.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

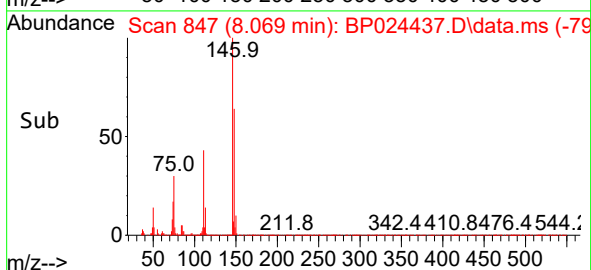
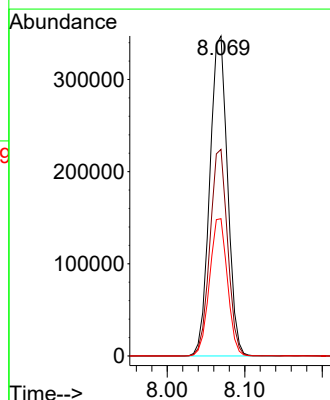
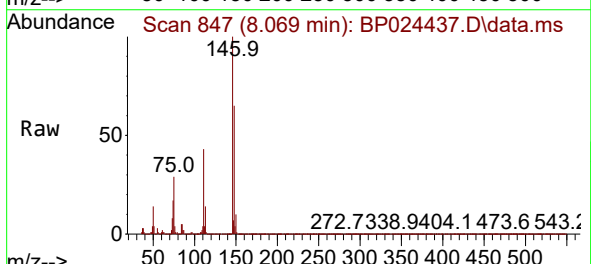
Tgt Ion:146 Resp: 552795

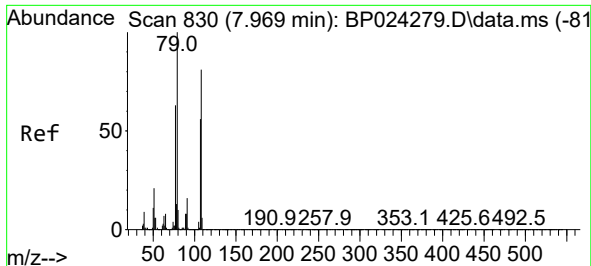
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 42.9 33.8 50.8

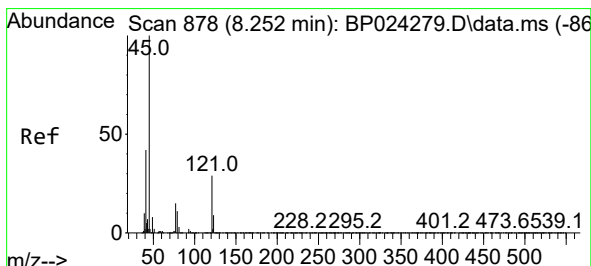
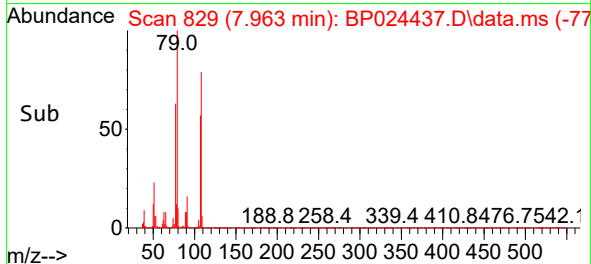
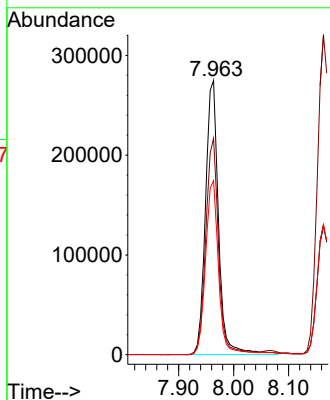
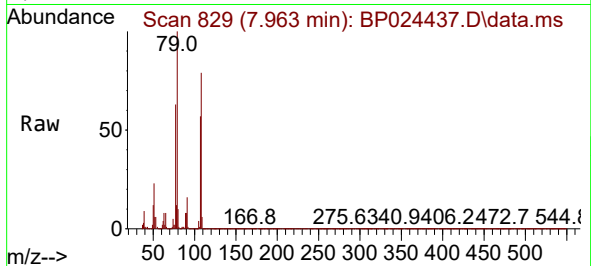




#15
Benzyl Alcohol
Concen: 48.538 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

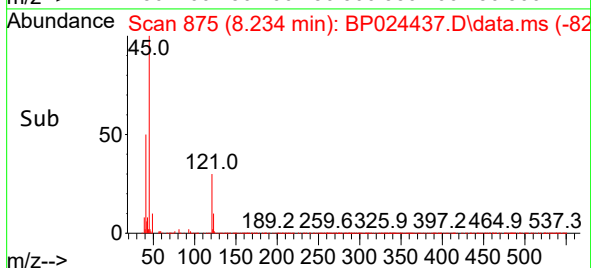
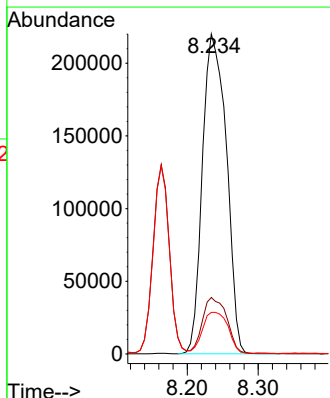
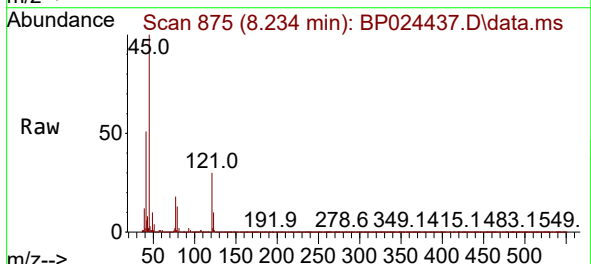
Instrument :
BNA_P
ClientSampleId :
PB167739BS

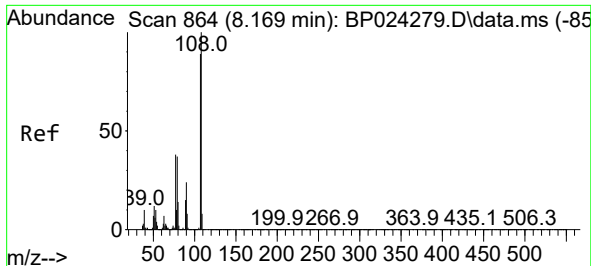
Tgt Ion: 79 Resp: 452478
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 63.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.884 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 45 Resp: 514872
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.0 0.0 33.5

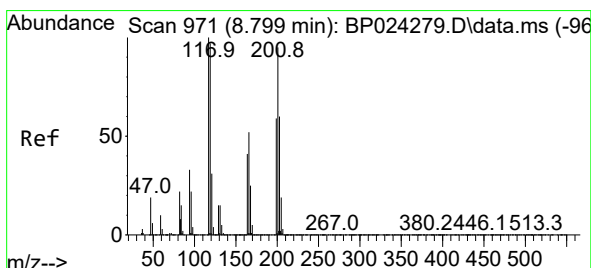
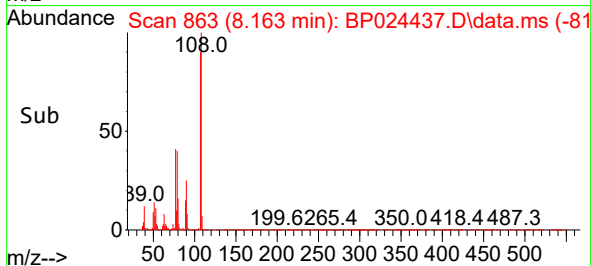
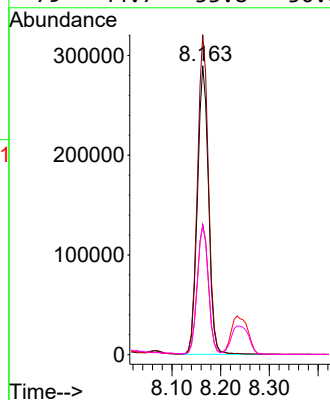
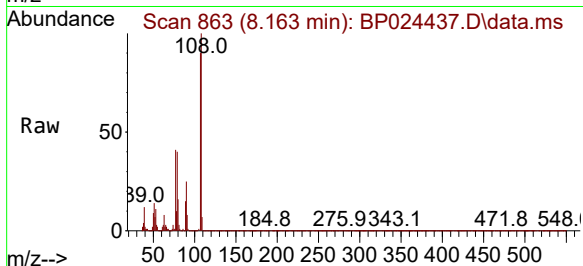




#17
2-Methylphenol
Concen: 49.099 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

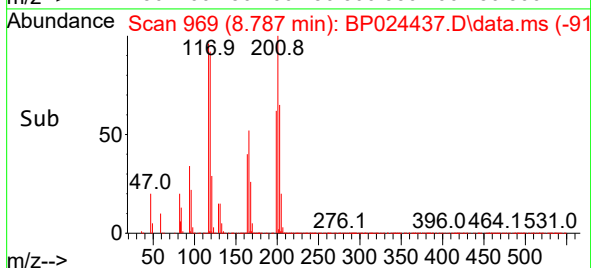
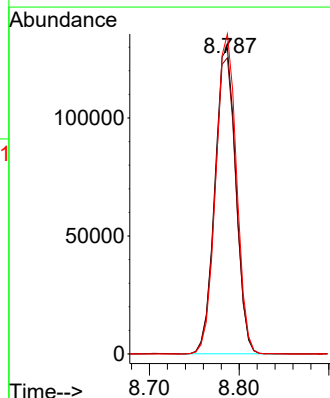
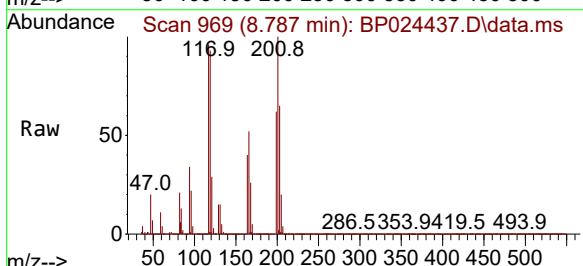
Instrument :
BNA_P
ClientSampleId :
PB167739BS

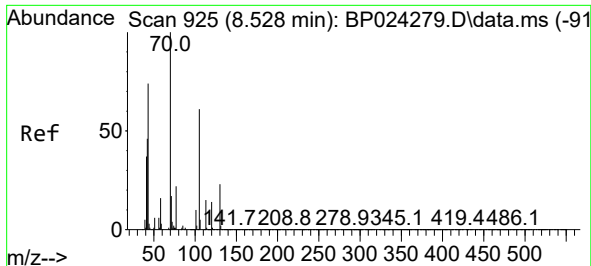
Tgt Ion:	107	Resp:	459297
Ion	Ratio	Lower	Upper
107	100		
108	110.7	89.8	134.6
77	45.0	34.2	51.4
79	44.7	33.8	50.8



#18
Hexachloroethane
Concen: 45.463 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:	117	Resp:	210941
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.6
201	104.6	75.9	113.9

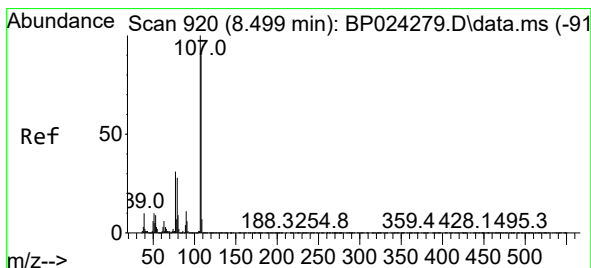
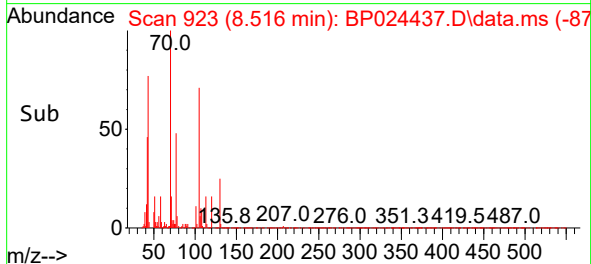
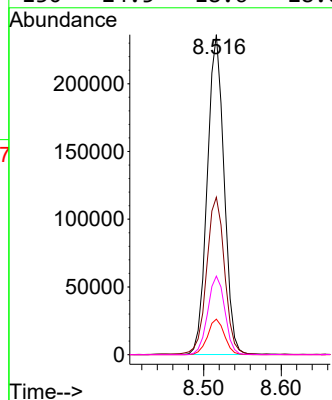
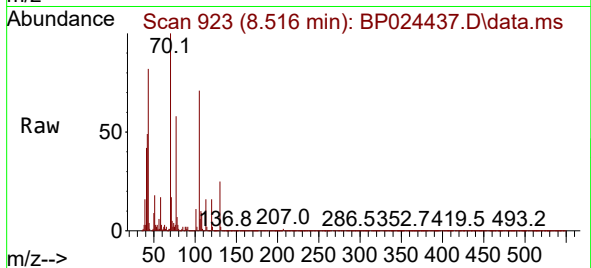




#19
n-Nitroso-di-n-propylamine
Concen: 39.829 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

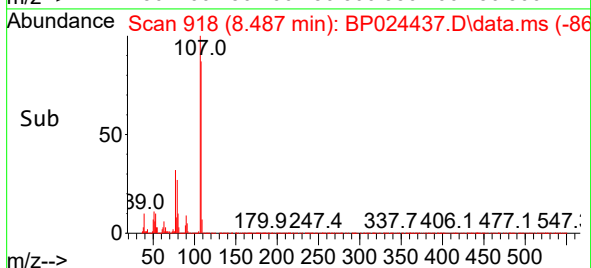
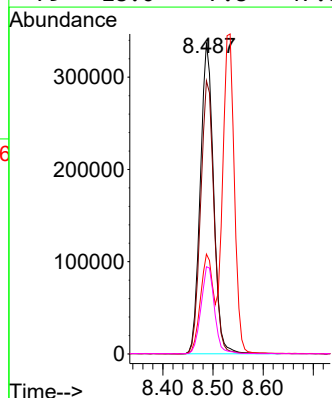
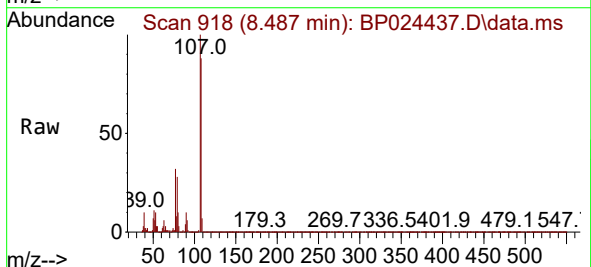
Instrument :
BNA_P
ClientSampleId :
PB167739BS

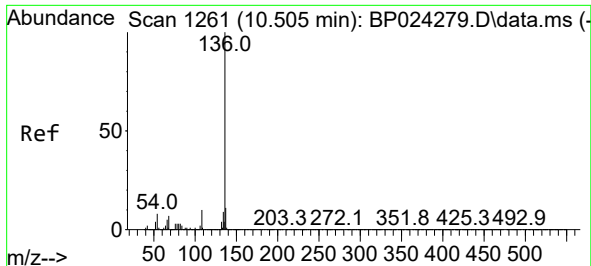
Tgt Ion:	70	Resp:	355195
Ion	Ratio	Lower	Upper
70	100		
42	49.2	37.3	55.9
101	11.1	8.2	12.4
130	24.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 47.729 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:	107	Resp:	619514
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.8	109.8
77	32.1	11.5	51.5
79	28.0	7.8	47.8

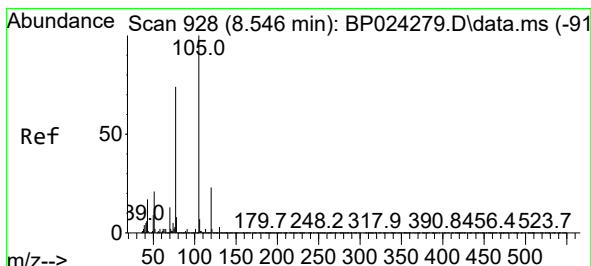
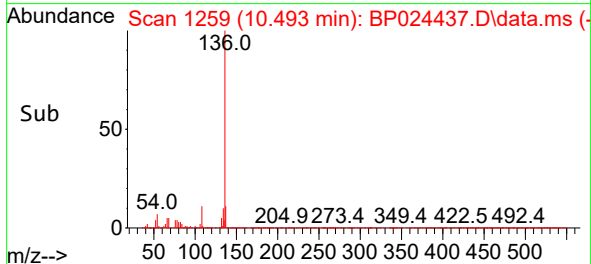
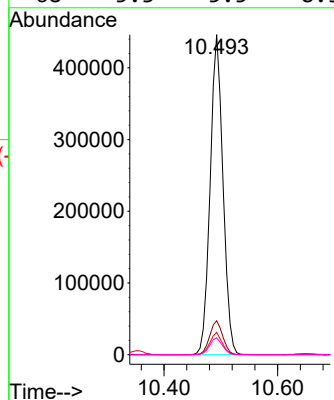
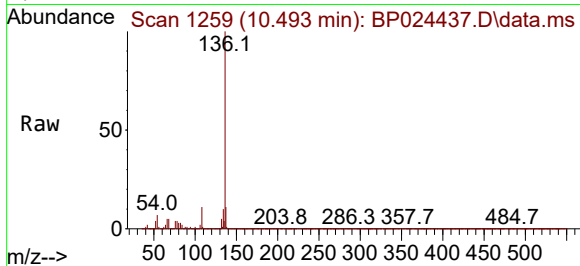




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

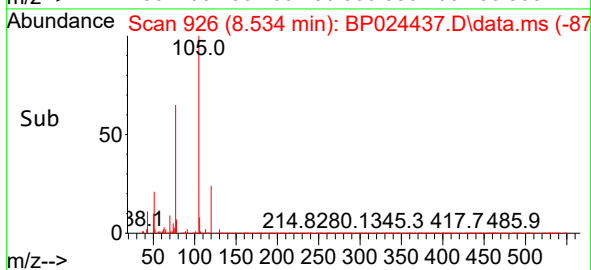
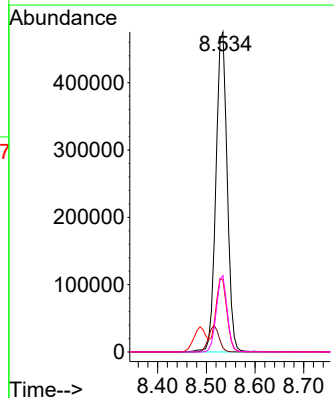
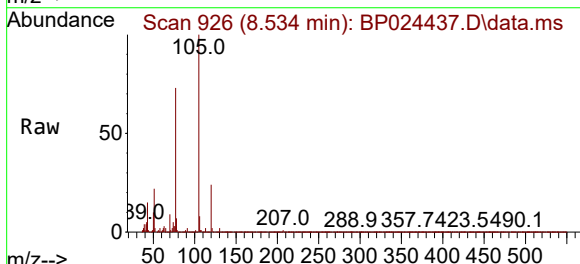
Instrument :
BNA_P
ClientSampleId :
PB167739BS

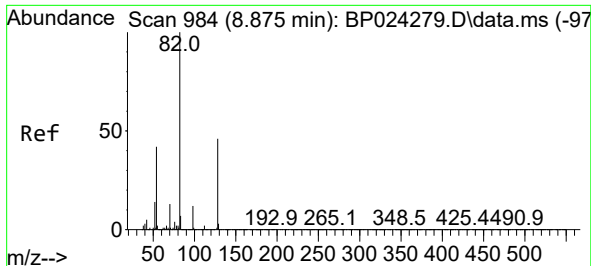
Tgt Ion:	136	Resp:	694511
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	7.0	6.0	9.0
68	5.3	5.5	8.3



#22
Acetophenone
Concen: 44.412 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:	105	Resp:	763416
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.7	2.5
51	22.5	16.9	25.3
120	23.8	18.6	28.0

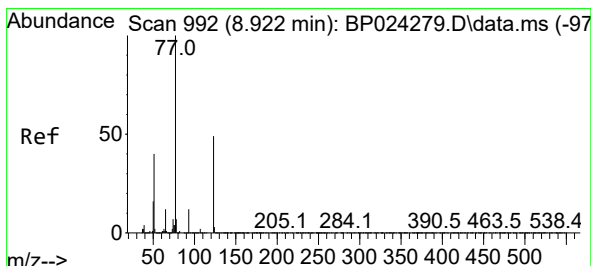
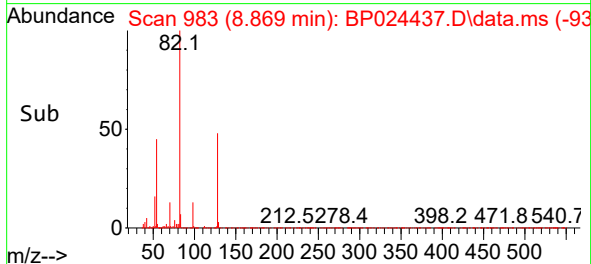
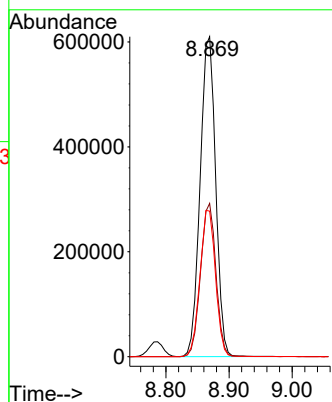
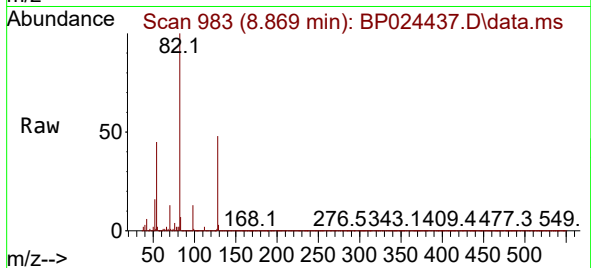




#23
Nitrobenzene-d5
Concen: 85.568 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

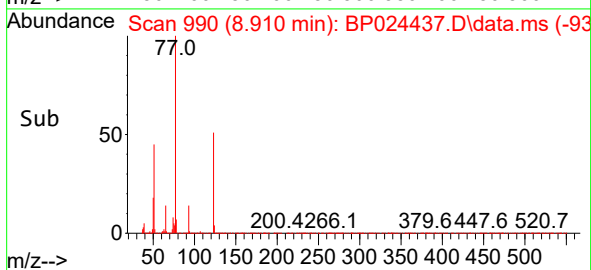
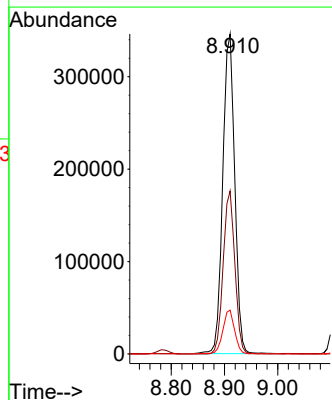
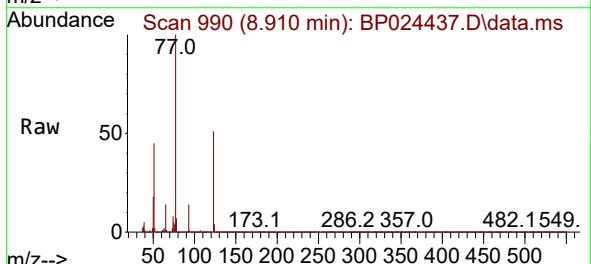
Instrument :
BNA_P
ClientSampleId :
PB167739BS

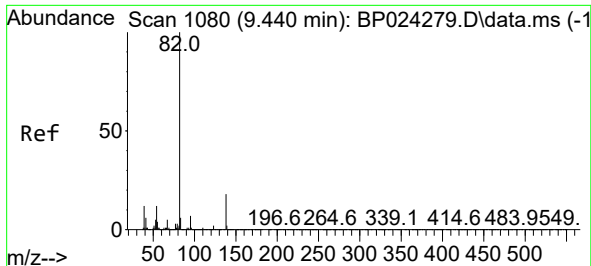
Tgt Ion: 82 Resp: 1042202
Ion Ratio Lower Upper
82 100
128 47.9 36.5 54.7
54 45.5 33.4 50.2



#24
Nitrobenzene
Concen: 44.789 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 77 Resp: 539657
Ion Ratio Lower Upper
77 100
123 51.0 39.2 58.8
65 13.7 9.8 14.6

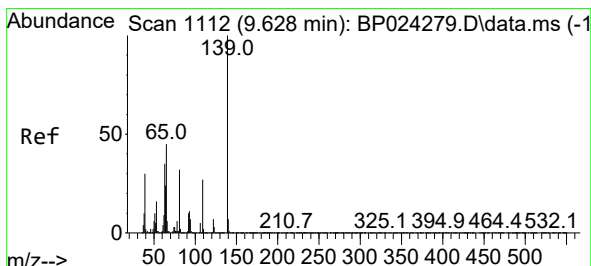
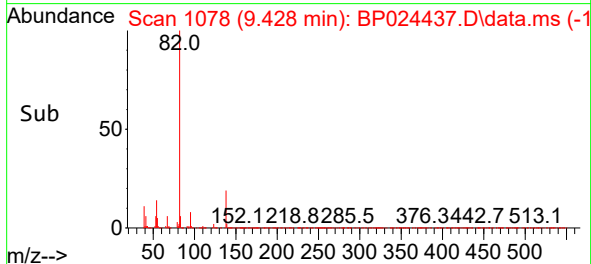
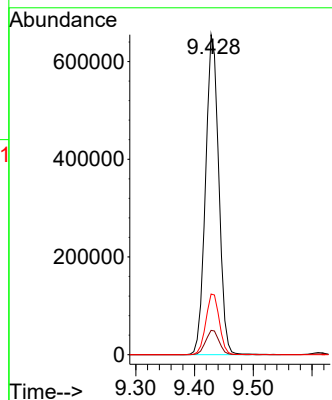
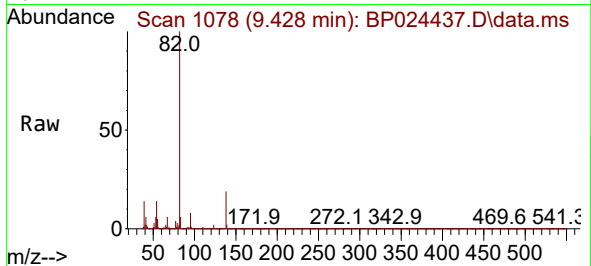




#25
Isophorone
Concen: 46.278 ng
RT: 9.428 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

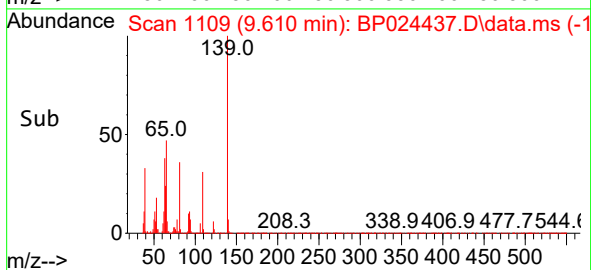
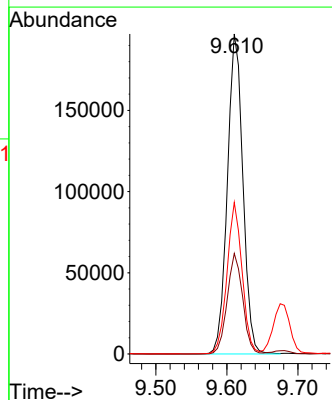
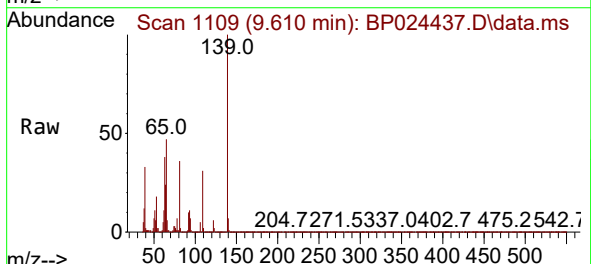
Instrument :
BNA_P
ClientSampleId :
PB167739BS

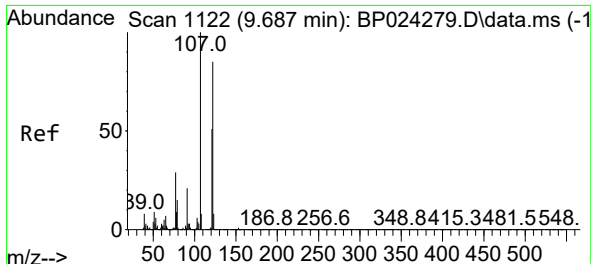
Tgt Ion: 82 Resp: 1020271
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 50.622 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 139 Resp: 298491
Ion Ratio Lower Upper
139 100
109 31.4 21.8 32.6
65 47.3 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.570 ng

RT: 9.675 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

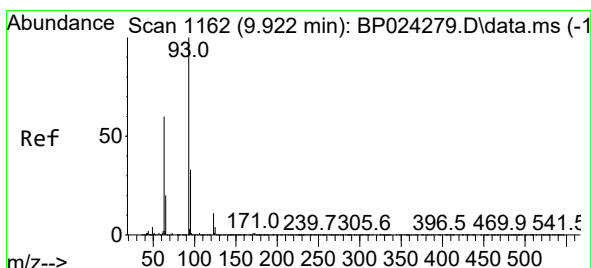
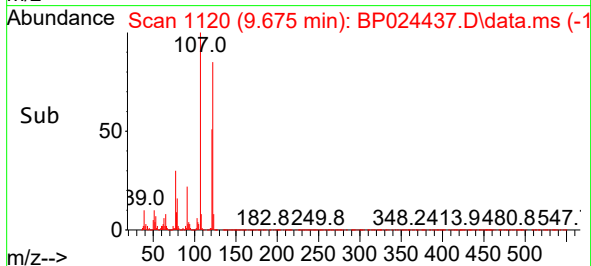
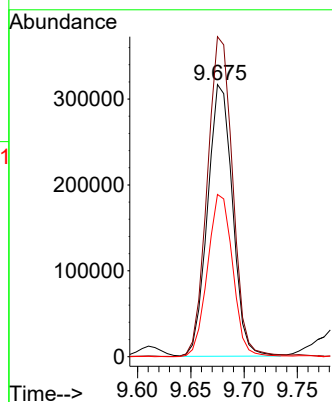
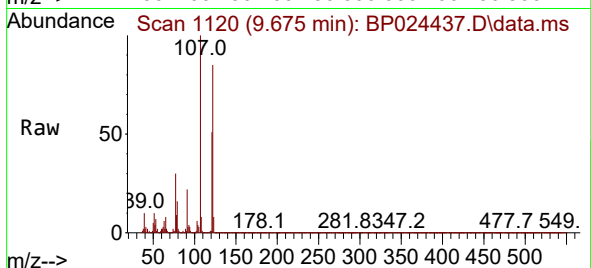
Tgt Ion:122 Resp: 515081

Ion Ratio Lower Upper

122 100

107 117.6 93.7 140.5

121 59.6 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.641 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

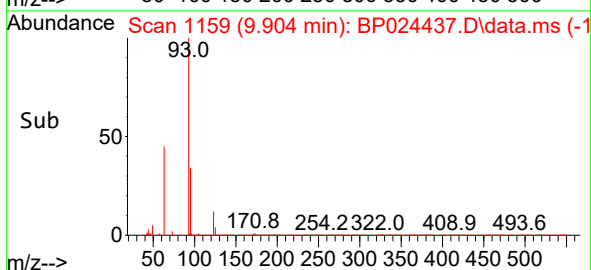
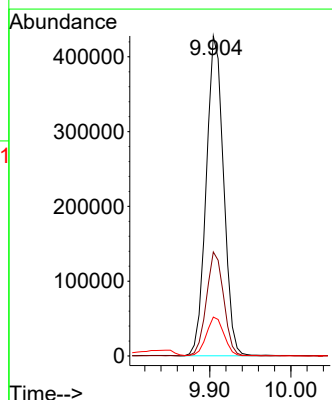
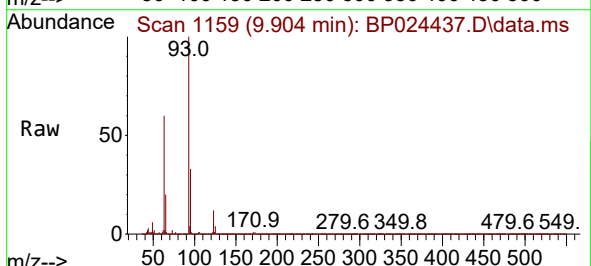
Tgt Ion: 93 Resp: 635066

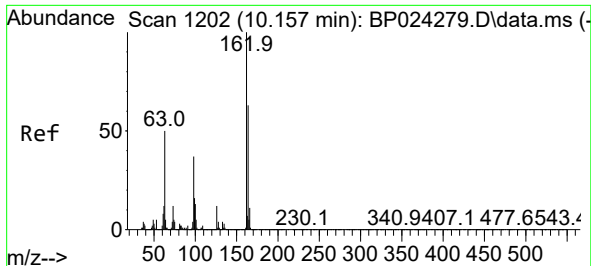
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.2 9.1 13.7

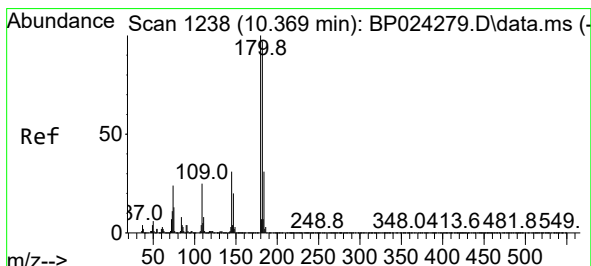
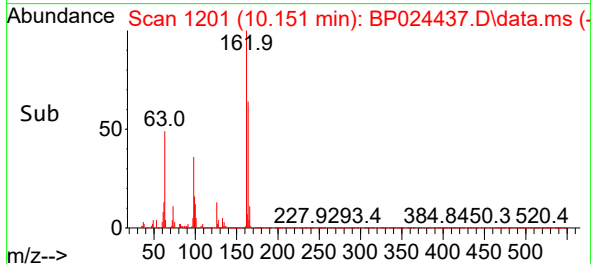
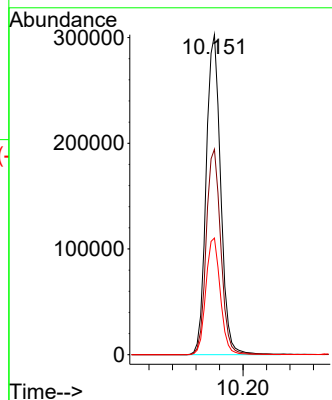
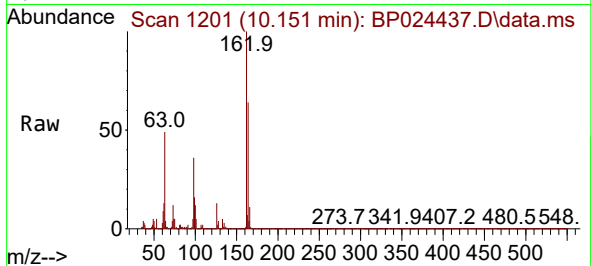




#29
2,4-Dichlorophenol
Concen: 51.226 ng
RT: 10.151 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

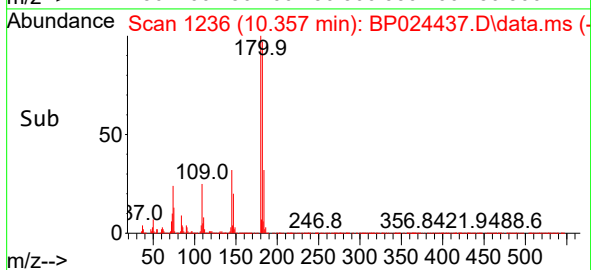
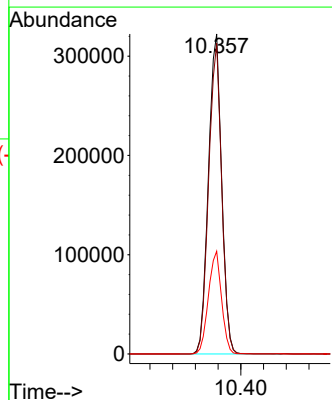
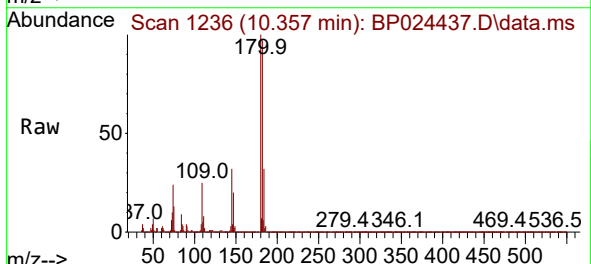
Instrument :
BNA_P
ClientSampleId :
PB167739BS

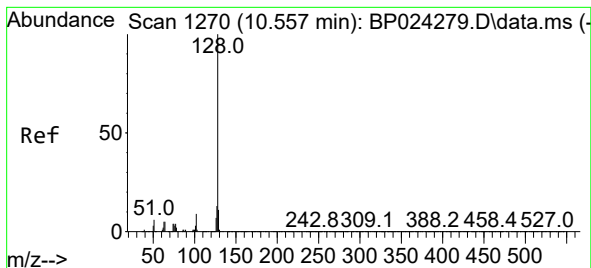
Tgt Ion:162 Resp: 517127
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 36.5 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 48.000 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:180 Resp: 519164
Ion Ratio Lower Upper
180 100
182 97.0 77.3 115.9
145 32.1 25.1 37.7

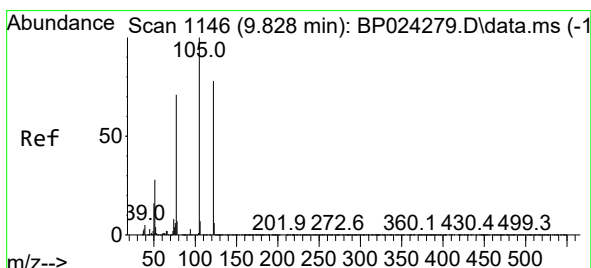
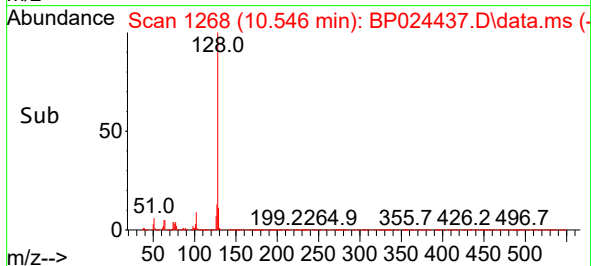
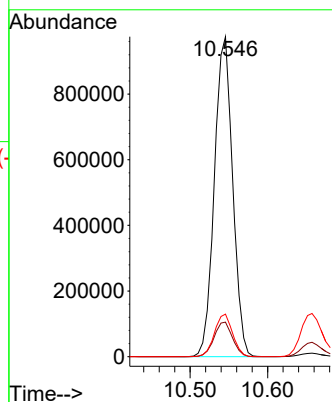
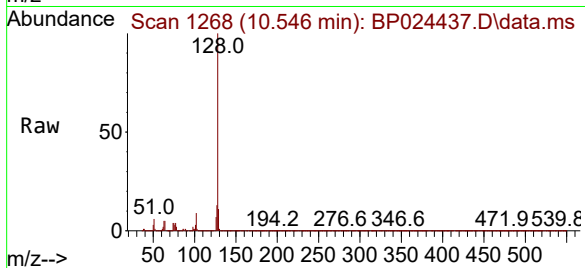




#31
Naphthalene
Concen: 43.659 ng
RT: 10.546 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

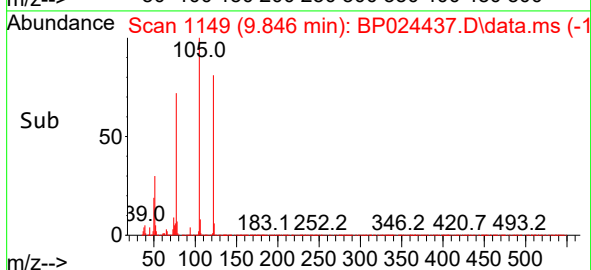
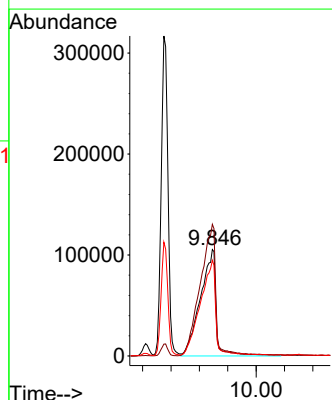
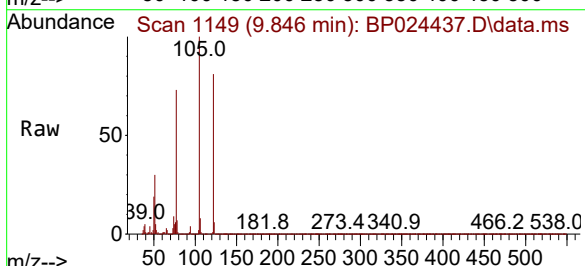
Instrument :
BNA_P
ClientSampleId :
PB167739BS

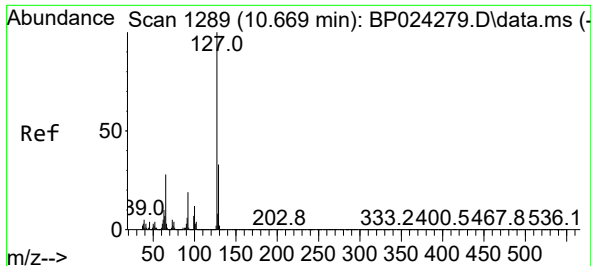
Tgt Ion:128 Resp: 1597232
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 47.405 ng m
RT: 9.846 min Scan# 1149
Delta R.T. 0.024 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:122 Resp: 408962
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 89.9 69.2 109.2

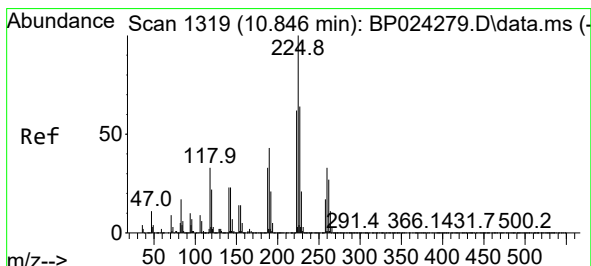
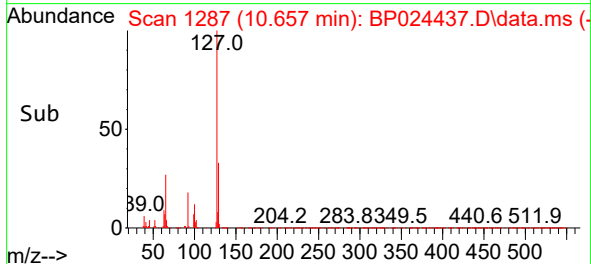
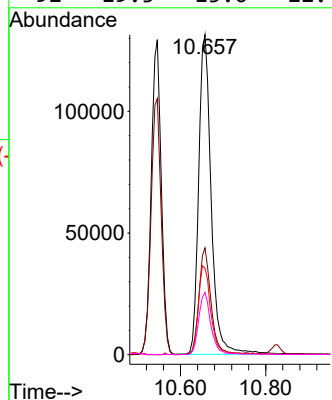
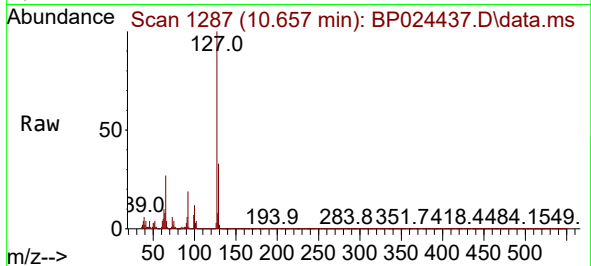




#33
4-Chloroaniline
Concen: 20.832 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

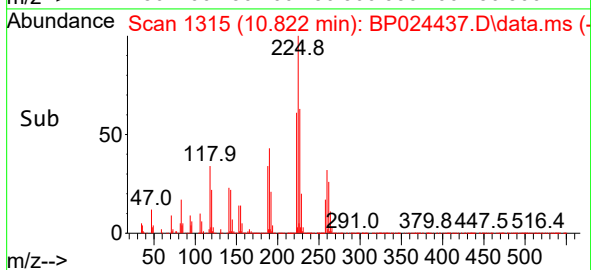
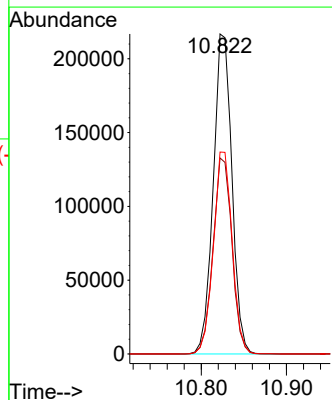
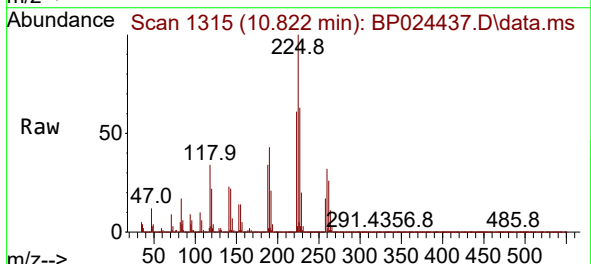
Instrument :
BNA_P
ClientSampleId :
PB167739BS

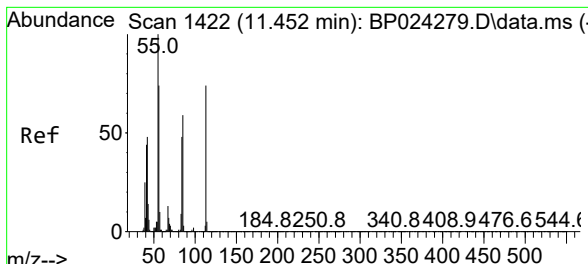
Tgt Ion:	127	Resp:	268388
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	27.0	22.1	33.1
92	19.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 51.817 ng
RT: 10.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:	225	Resp:	329337
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.5	74.3
227	63.1	50.9	76.3

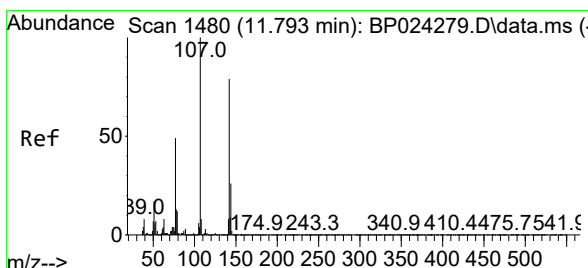
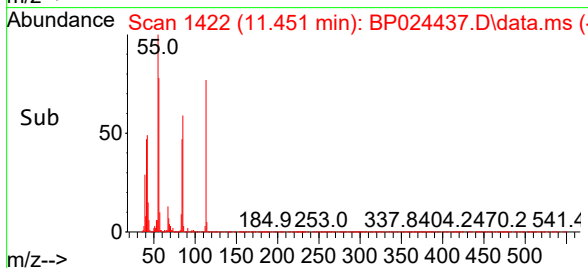
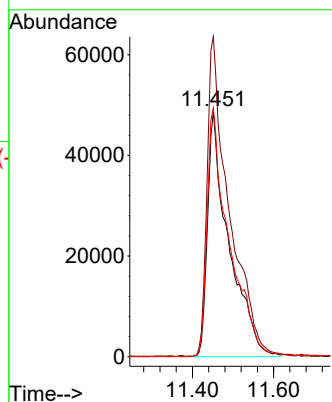
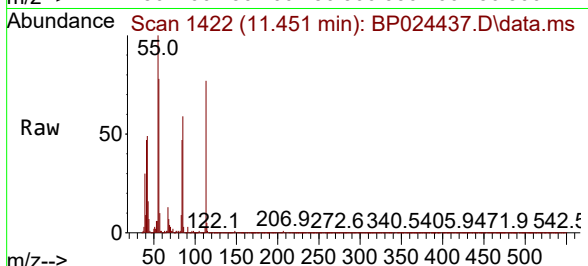




#35
 Caprolactam
 Concen: 47.460 ng
 RT: 11.451 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

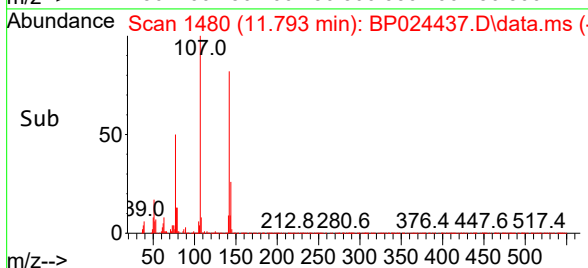
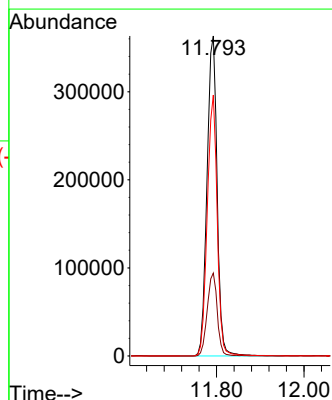
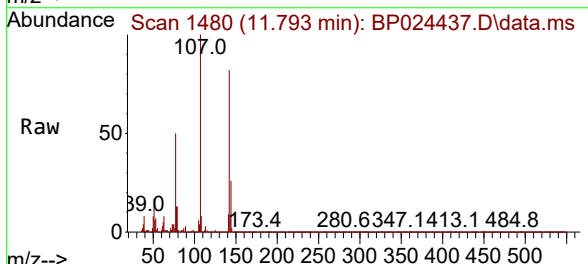
Instrument :
 BNA_P
 ClientSampleId :
 PB167739BS

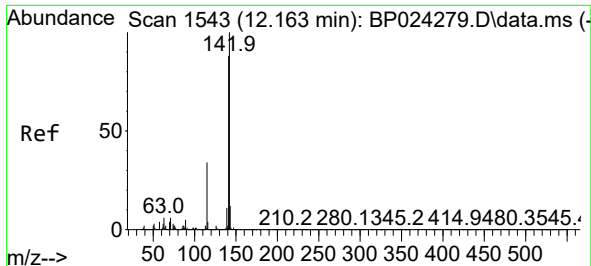
Tgt Ion:113 Resp: 176783
 Ion Ratio Lower Upper
 113 100
 55 130.3 115.9 155.9
 56 101.2 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.729 ng
 RT: 11.793 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

Tgt Ion:107 Resp: 584728
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 81.6 63.4 95.2

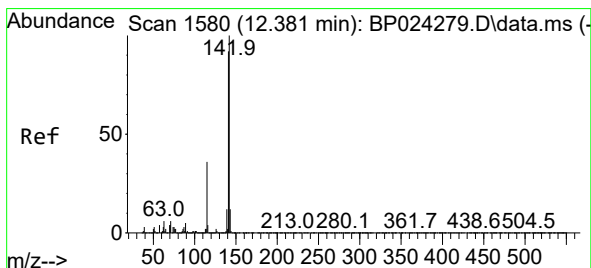
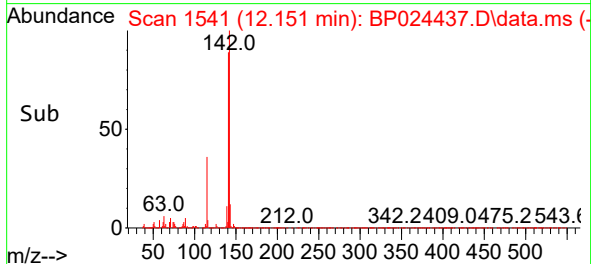
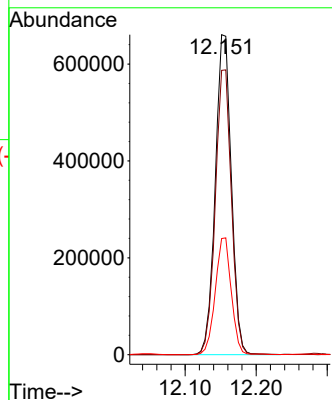
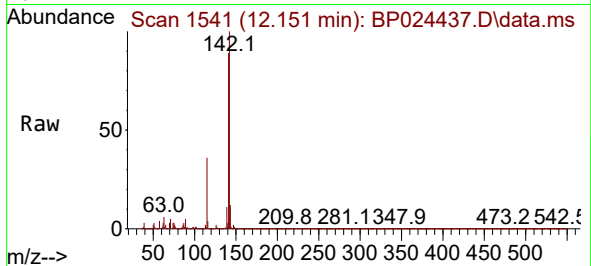




#37
2-Methylnaphthalene
Concen: 40.846 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

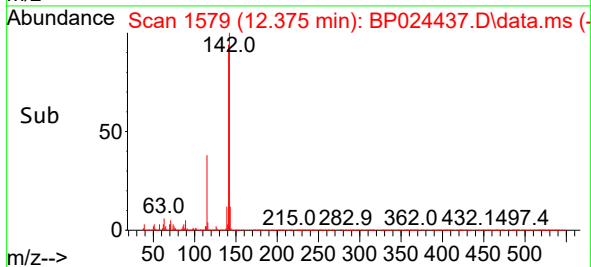
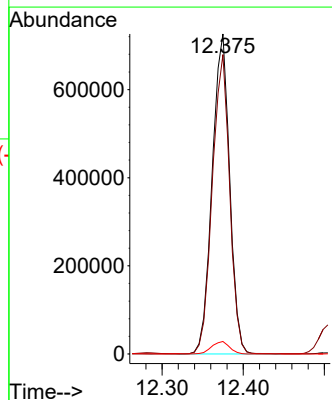
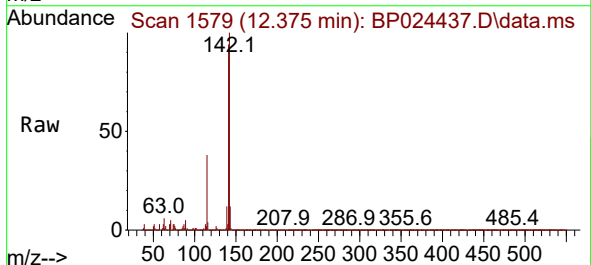
Instrument :
BNA_P
ClientSampleId :
PB167739BS

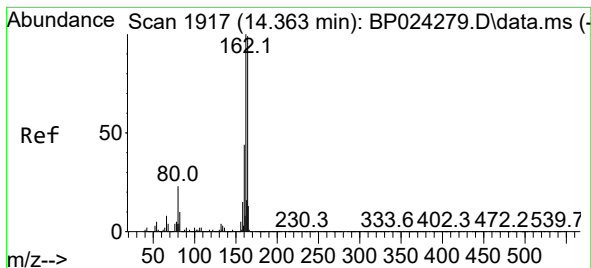
Tgt Ion:142 Resp: 1036329
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 36.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.695 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:142 Resp: 1084532
Ion Ratio Lower Upper
142 100
141 93.6 73.6 110.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

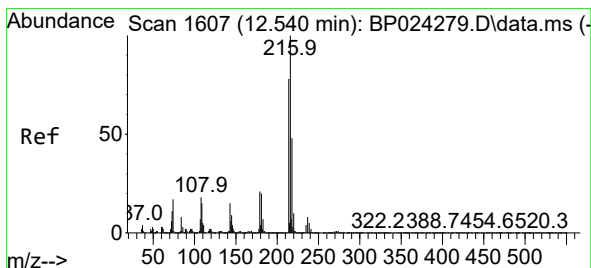
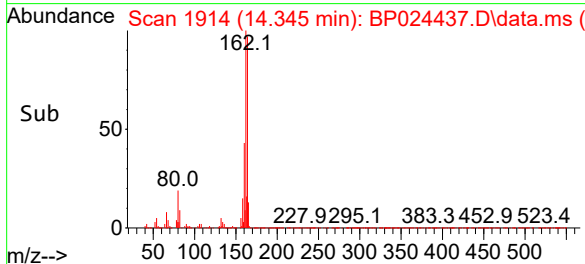
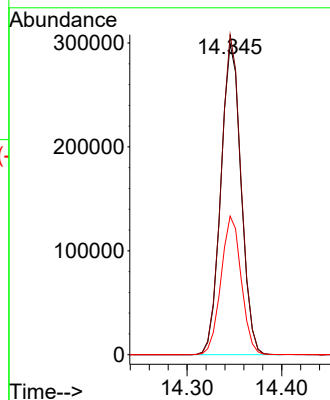
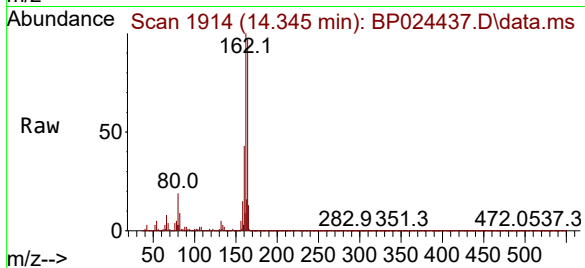
Tgt Ion:164 Resp: 444446

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

160 44.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.158 ng

RT: 12.528 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Tgt Ion:216 Resp: 588606

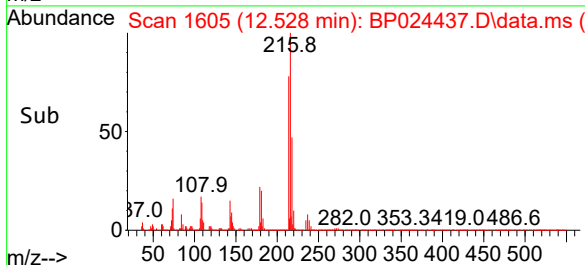
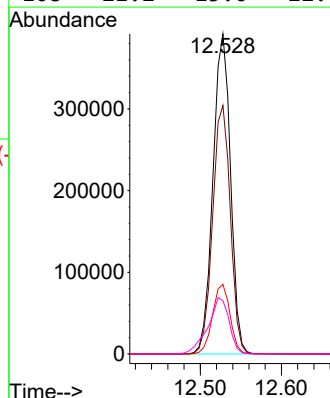
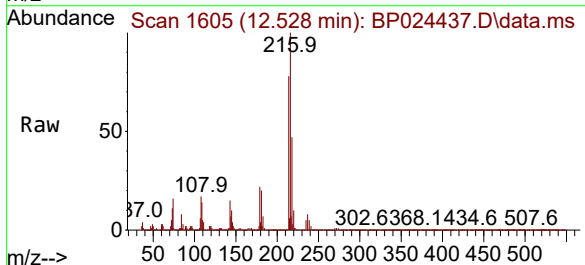
Ion Ratio Lower Upper

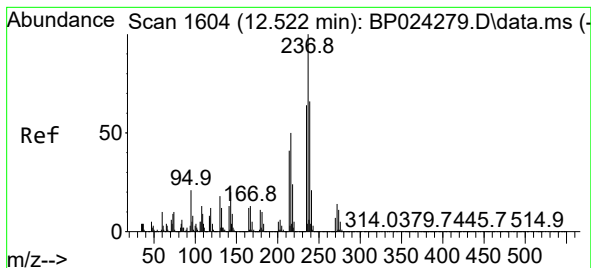
216 100

214 78.3 62.6 93.8

179 21.7 17.2 25.8

108 21.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 192.663 ng

RT: 12.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

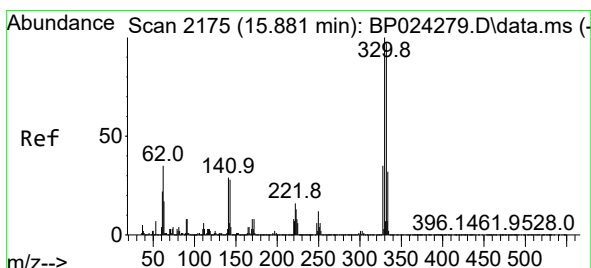
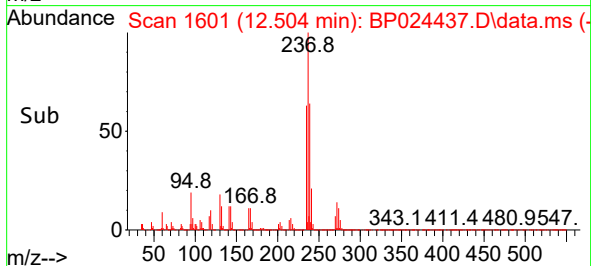
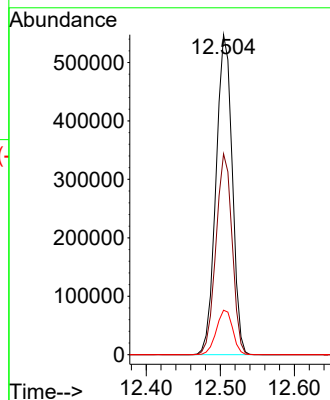
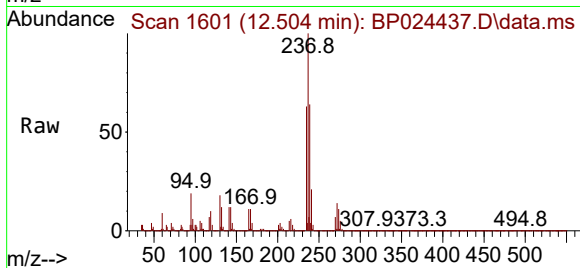
Tgt Ion:237 Resp: 832826

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

272 13.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 156.027 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

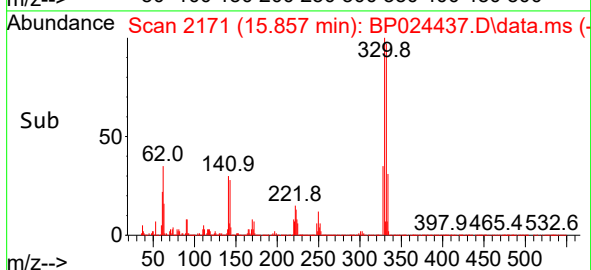
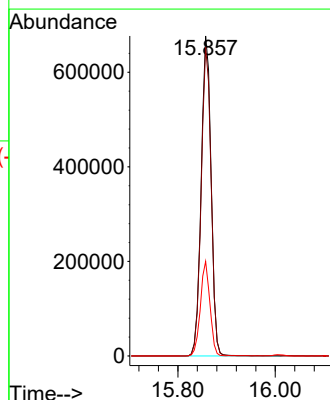
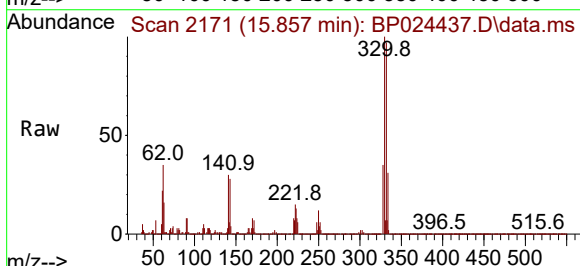
Tgt Ion:330 Resp: 959434

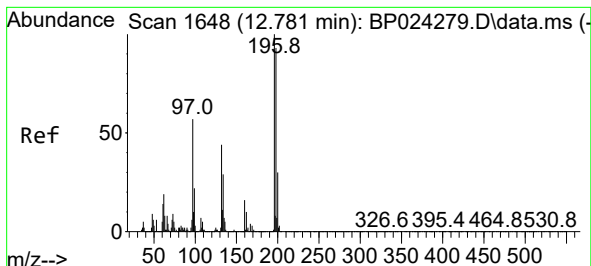
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 28.5 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 52.720 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

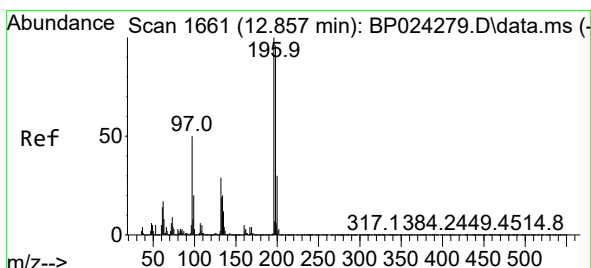
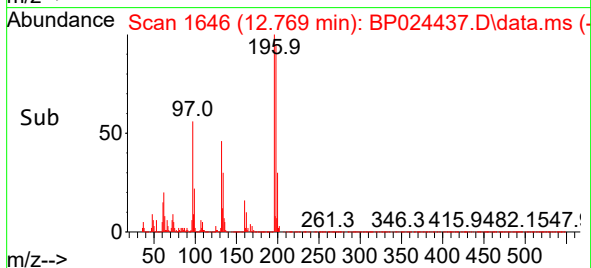
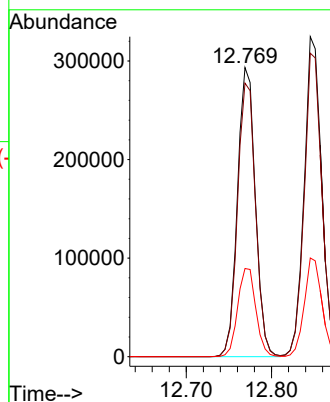
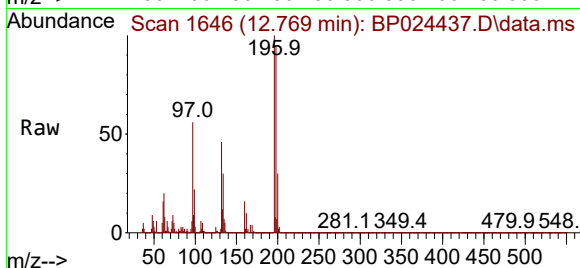
Tgt Ion:196 Resp: 428405

Ion Ratio Lower Upper

196 100

198 94.6 74.3 111.5

200 30.5 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.113 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Tgt Ion:196 Resp: 468944

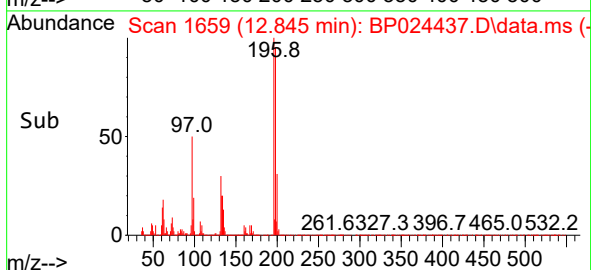
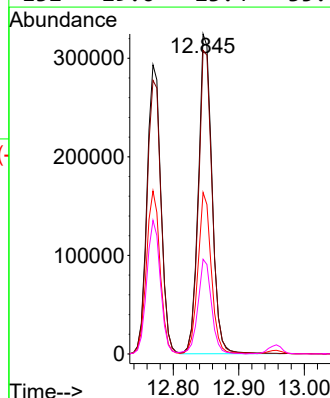
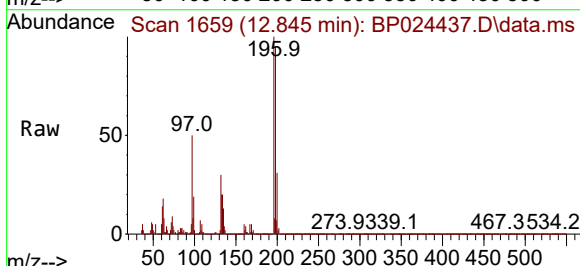
Ion Ratio Lower Upper

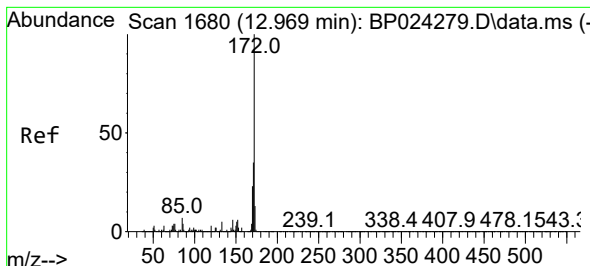
196 100

198 94.8 77.3 115.9

97 50.4 40.4 60.6

132 29.6 23.4 35.0

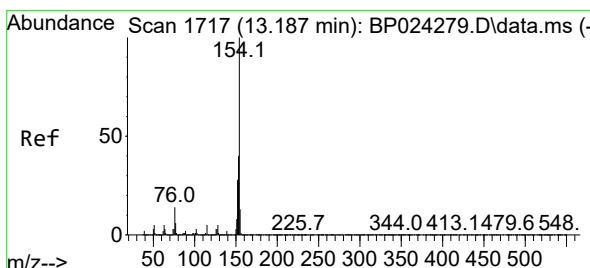
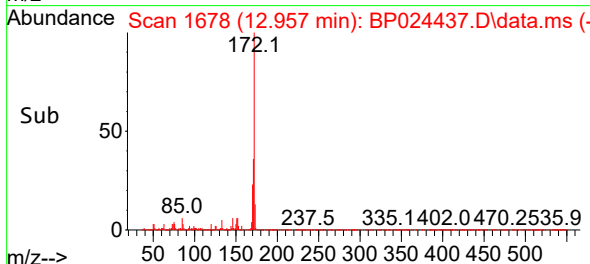
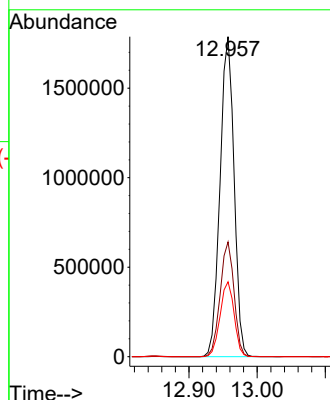
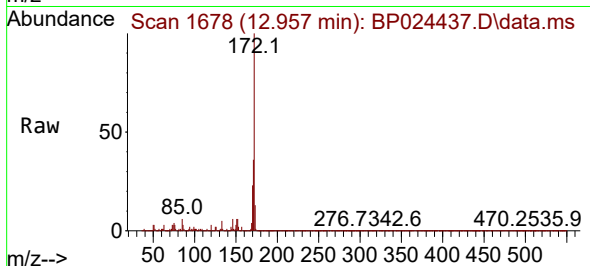




#45
2-Fluorobiphenyl
Concen: 88.205 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

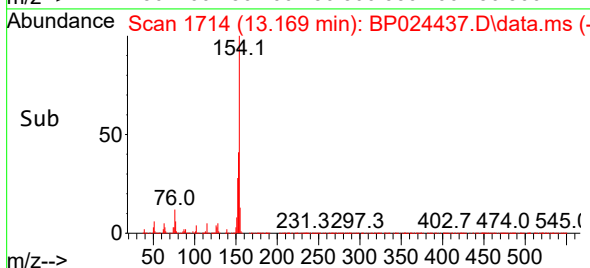
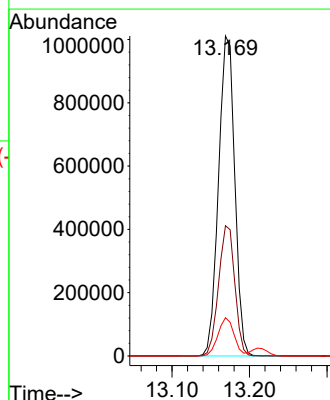
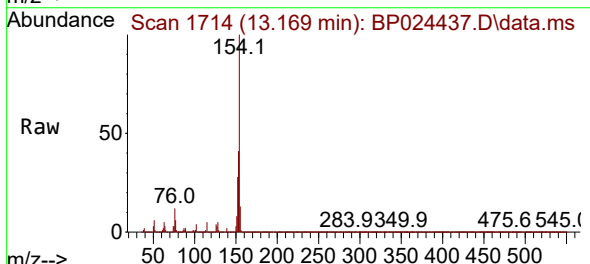
Instrument :
BNA_P
ClientSampleId :
PB167739BS

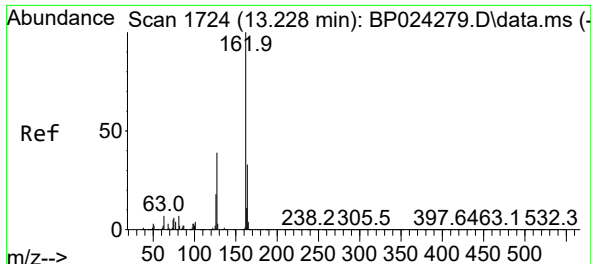
Tgt Ion:172 Resp: 2560379
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.984 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:154 Resp: 1469602
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 12.0 0.0 33.5

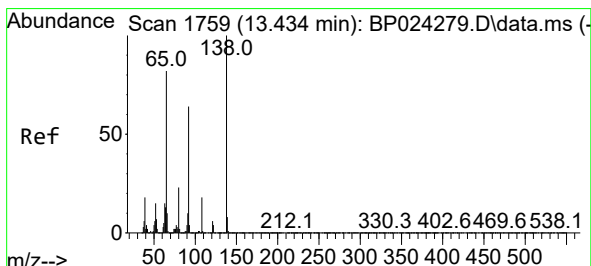
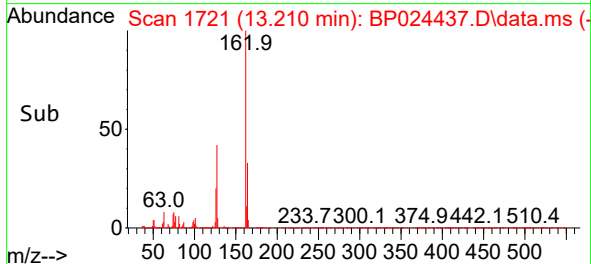
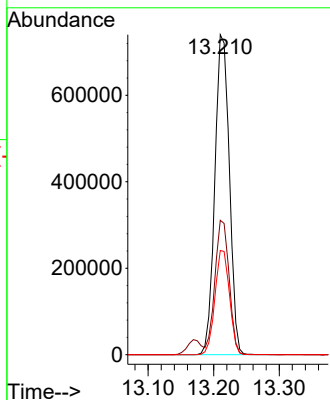
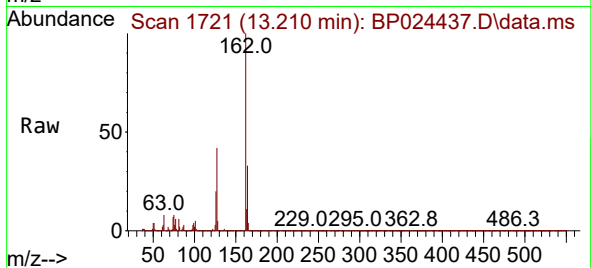




#47
2-Chloronaphthalene
Concen: 46.401 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

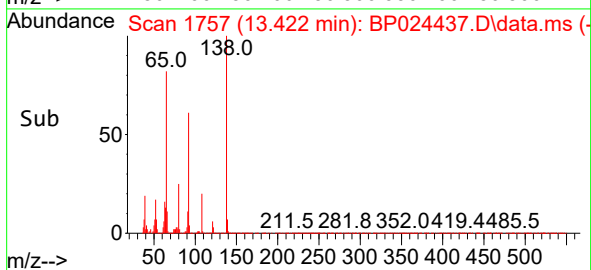
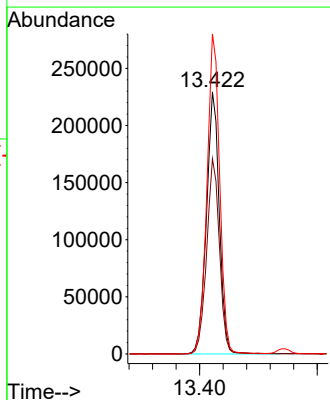
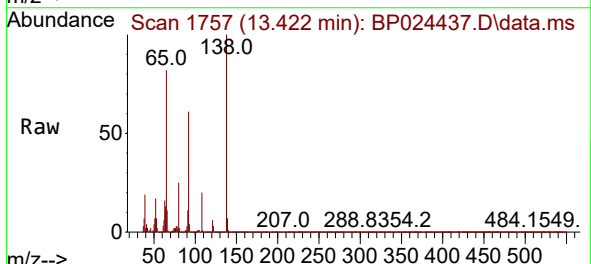
Instrument :
BNA_P
ClientSampleId :
PB167739BS

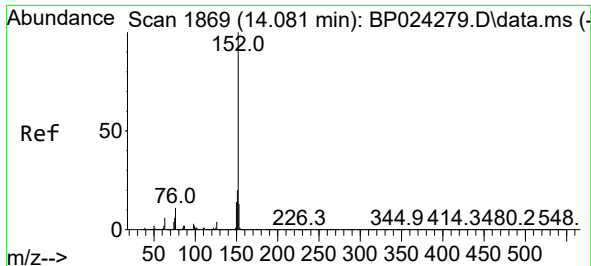
Tgt Ion:162 Resp: 1132954
Ion Ratio Lower Upper
162 100
127 42.0 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 50.678 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 65 Resp: 347092
Ion Ratio Lower Upper
65 100
92 74.5 62.3 93.5
138 122.1 97.2 145.8

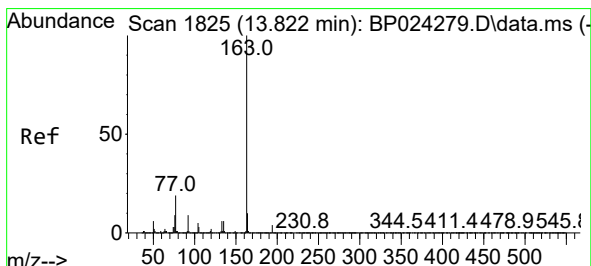
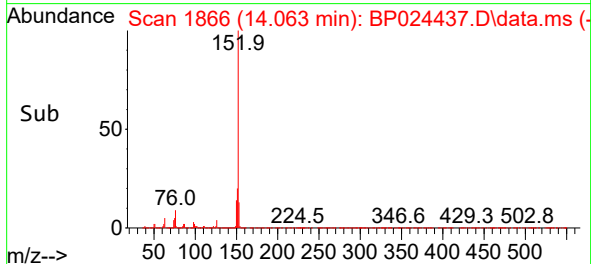
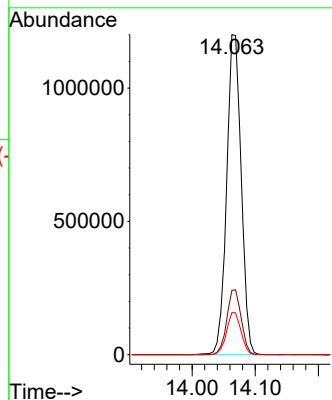
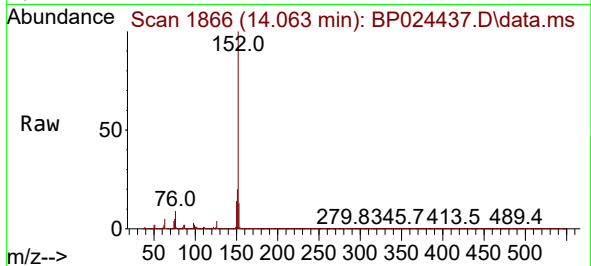




#49
Acenaphthylene
Concen: 49.914 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

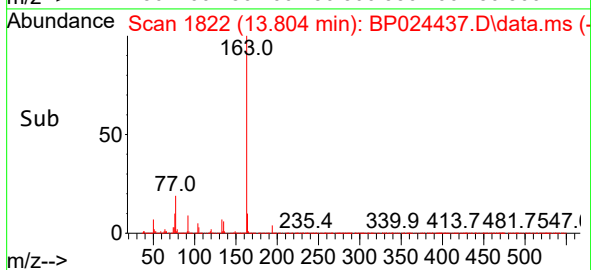
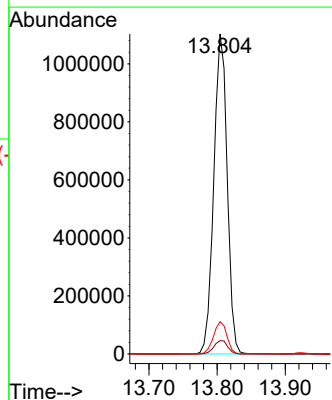
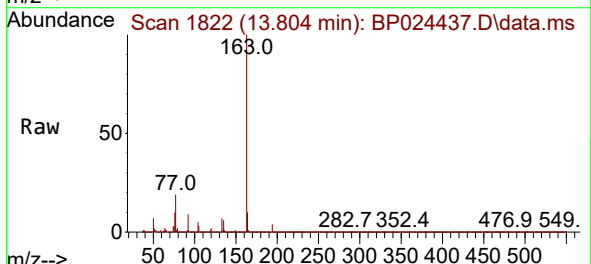
Instrument :
BNA_P
ClientSampleId :
PB167739BS

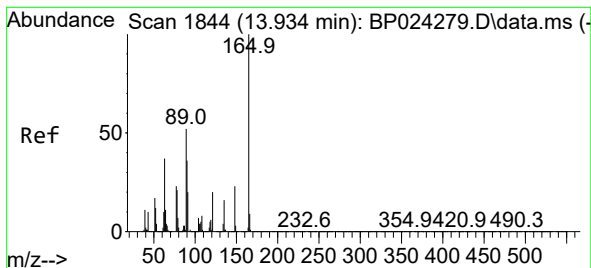
Tgt Ion:152 Resp: 1918773
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 46.613 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:163 Resp: 1506581
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.0 12.0

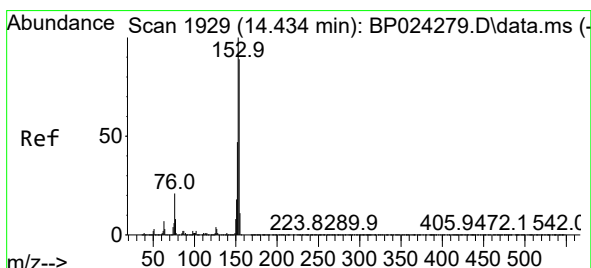
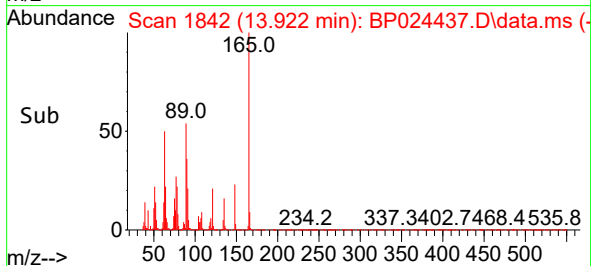
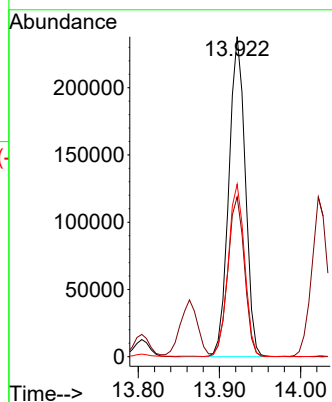
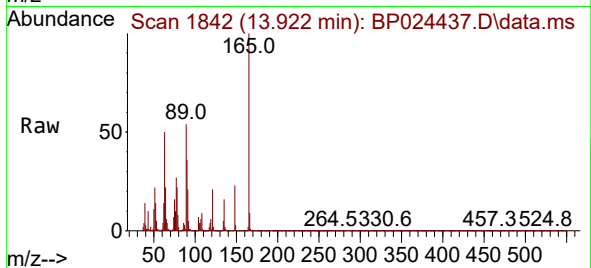




#51
2,6-Dinitrotoluene
Concen: 48.758 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

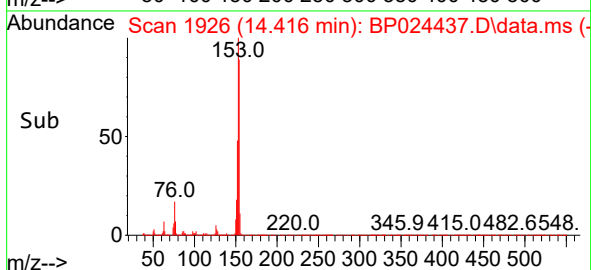
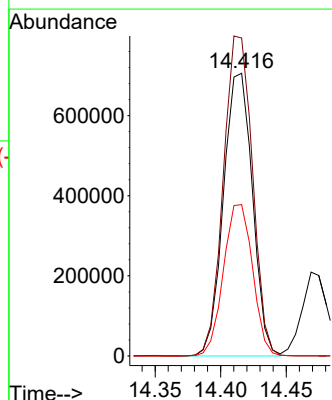
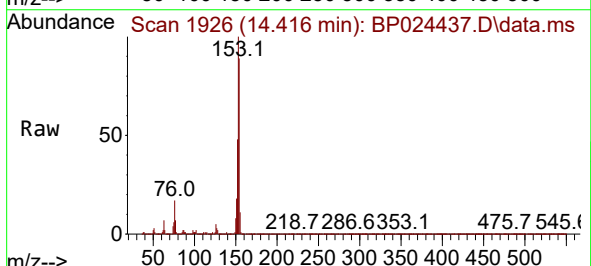
Instrument :
BNA_P
ClientSampleId :
PB167739BS

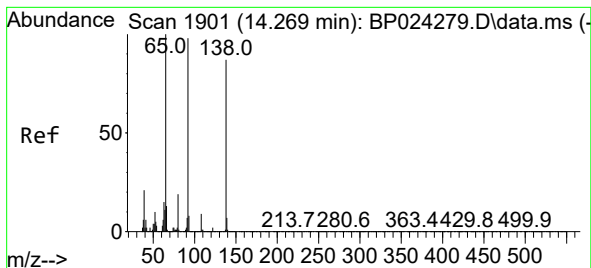
Tgt Ion:165 Resp: 334644
Ion Ratio Lower Upper
165 100
63 49.9 38.0 57.0
89 53.9 41.7 62.5



#52
Acenaphthene
Concen: 44.567 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:154 Resp: 1086133
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.6
152 53.6 42.6 63.8

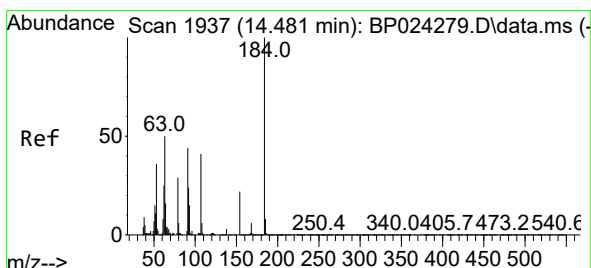
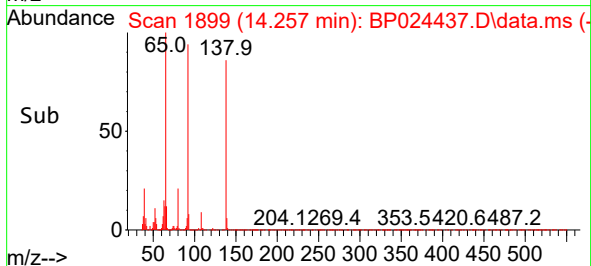
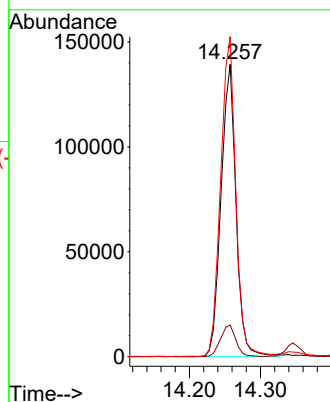
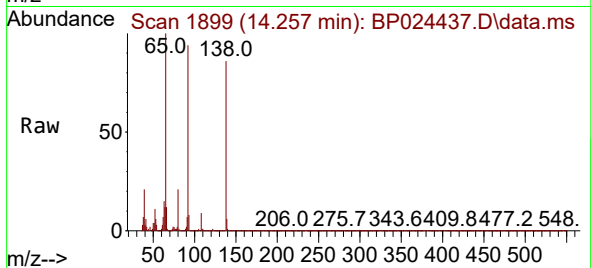




#53
3-Nitroaniline
Concen: 28.095 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

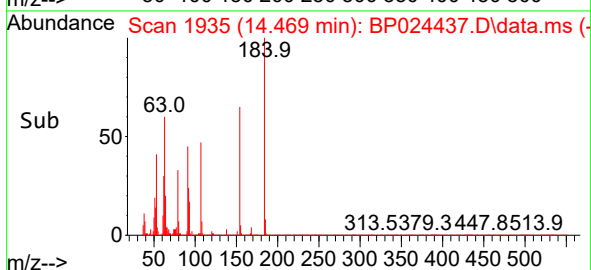
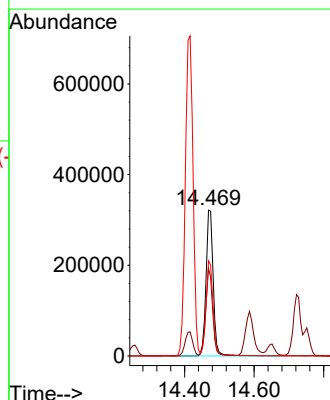
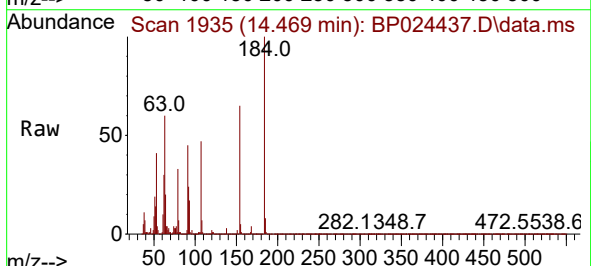
Instrument :
BNA_P
ClientSampleId :
PB167739BS

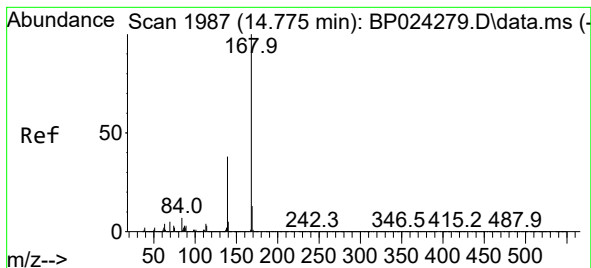
Tgt Ion:138 Resp: 202661
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 109.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 113.736 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:184 Resp: 459810
Ion Ratio Lower Upper
184 100
63 60.1 42.6 64.0
154 65.2 47.2 70.8





#55

Dibenzofuran

Concen: 43.878 ng

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

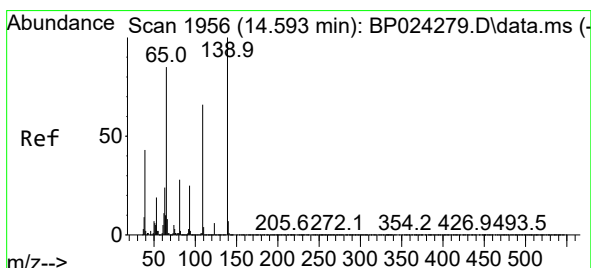
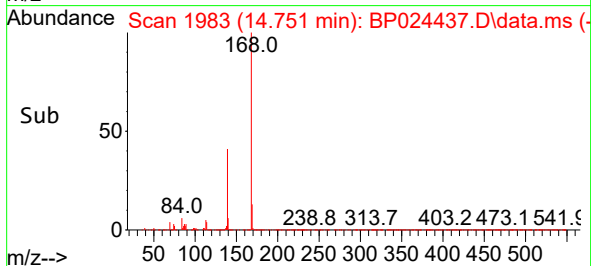
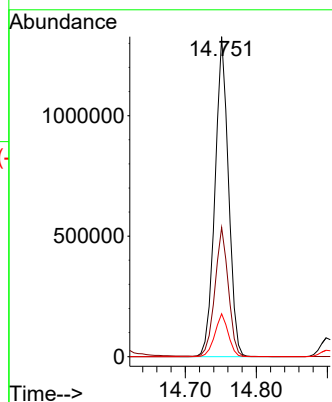
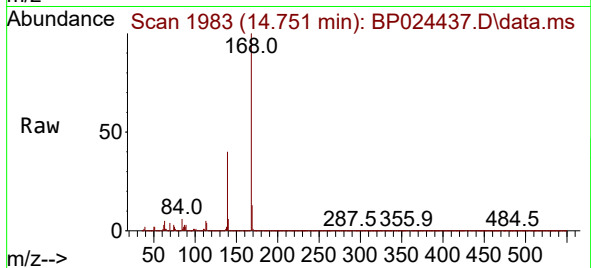
Tgt Ion:168 Resp: 1747946

Ion Ratio Lower Upper

168 100

139 40.4 30.3 45.5

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 103.531 ng

RT: 14.587 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

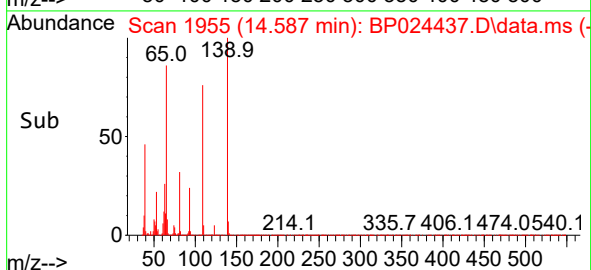
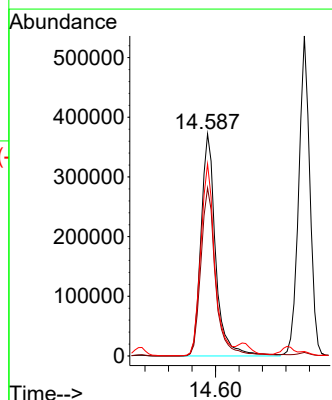
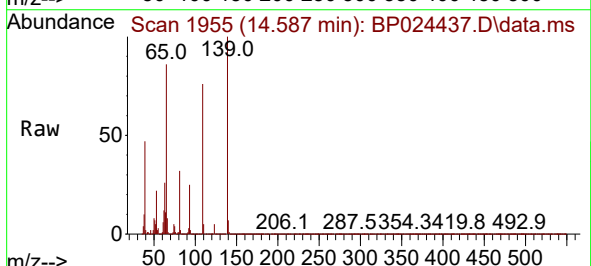
Tgt Ion:139 Resp: 644986

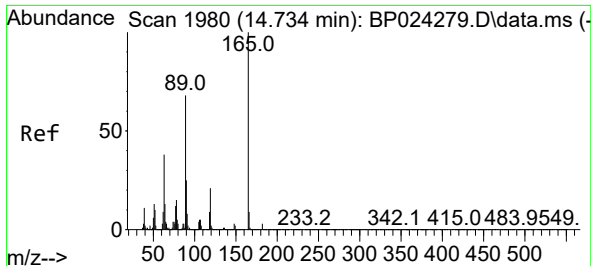
Ion Ratio Lower Upper

139 100

109 75.6 46.1 86.1

65 86.5 65.0 105.0

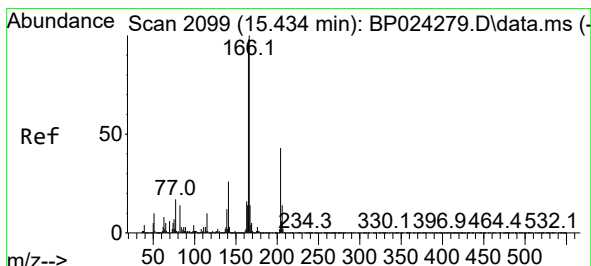
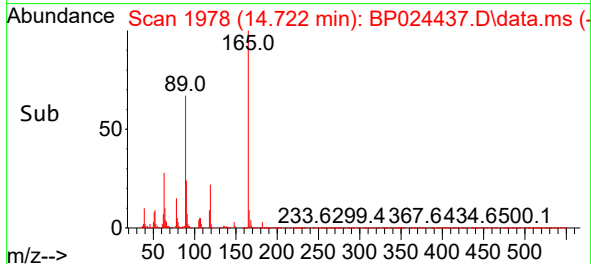
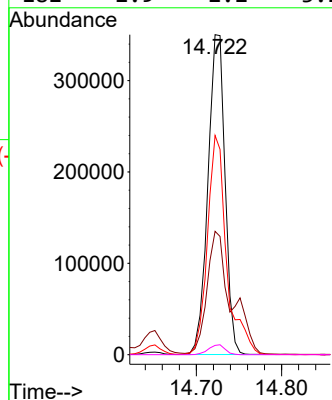
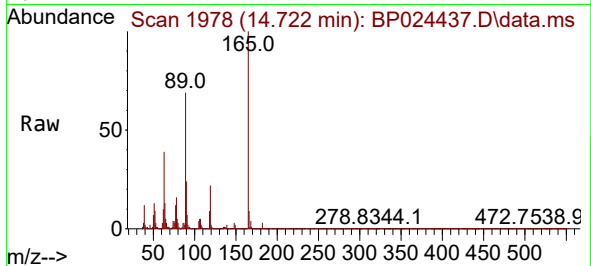




#57
2,4-Dinitrotoluene
Concen: 52.396 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

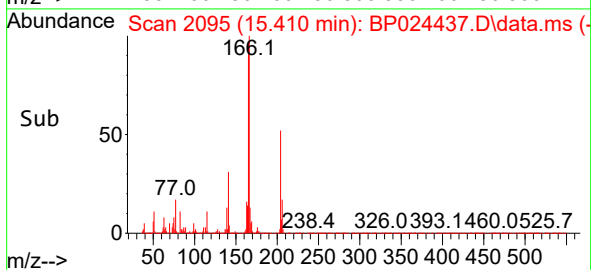
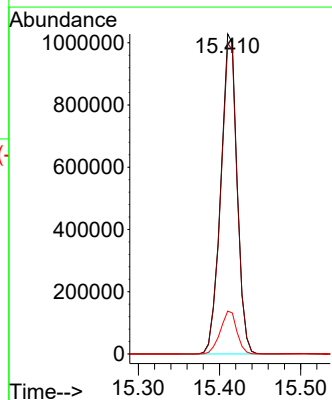
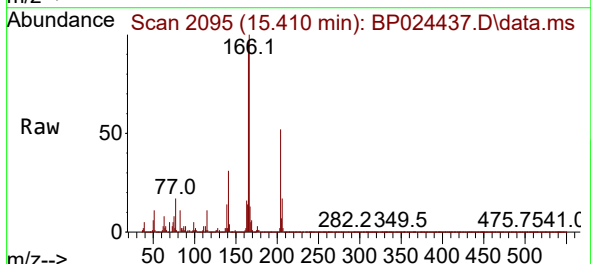
Instrument :
BNA_P
ClientSampleId :
PB167739BS

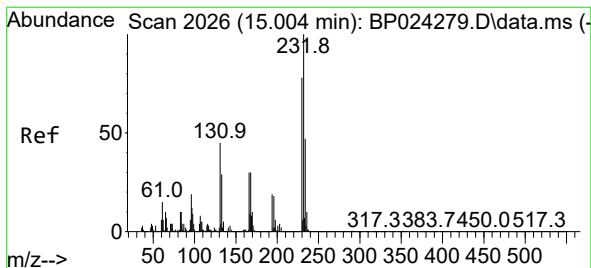
Tgt Ion:165 Resp: 490551
Ion Ratio Lower Upper
165 100
63 38.6 30.4 45.6
89 68.5 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 46.625 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:166 Resp: 1437836
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.711 ng

RT: 14.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

Tgt Ion:232 Resp: 420875

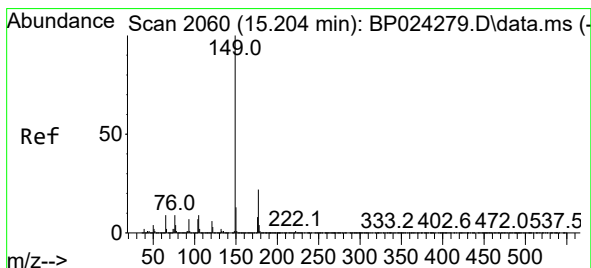
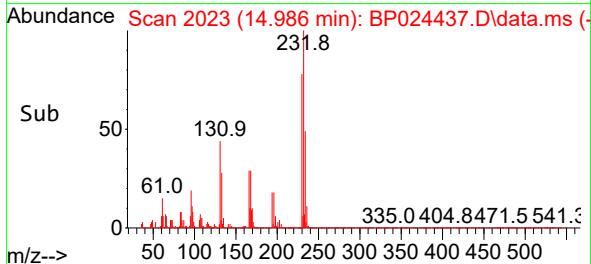
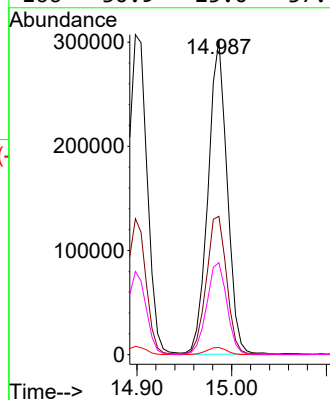
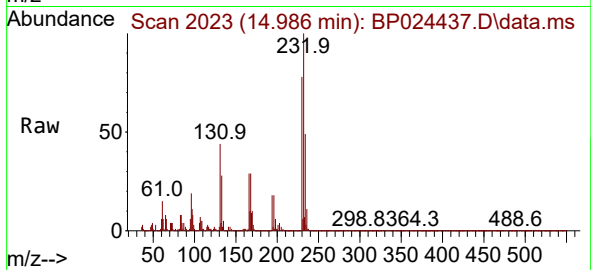
Ion Ratio Lower Upper

232 100

131 46.9 36.8 55.2

130 2.5 1.9 2.9

166 30.9 25.0 37.6



#60

Diethylphthalate

Concen: 46.420 ng

RT: 15.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

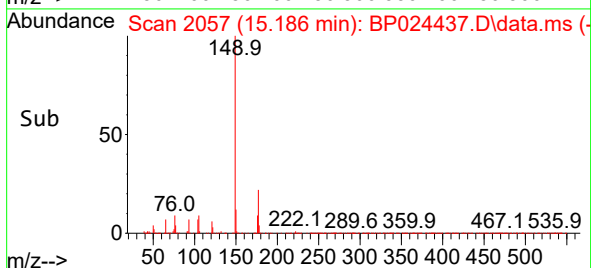
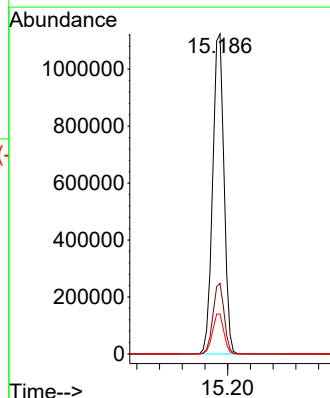
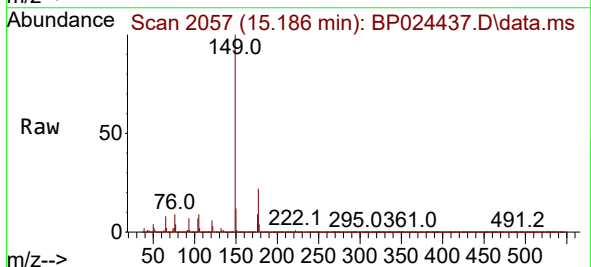
Tgt Ion:149 Resp: 1546126

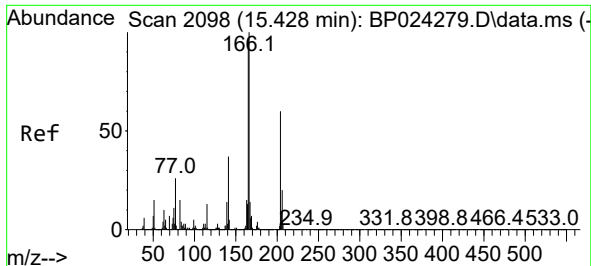
Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

150 12.5 10.1 15.1

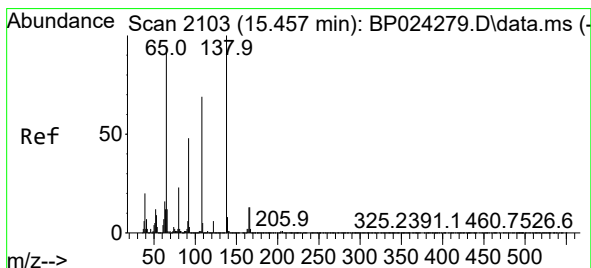
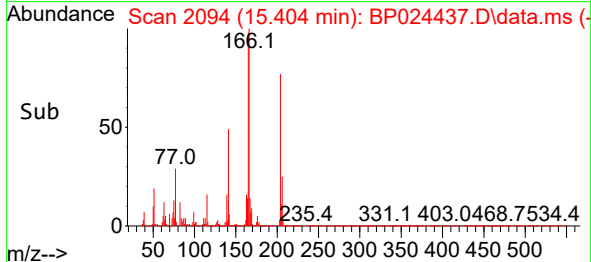
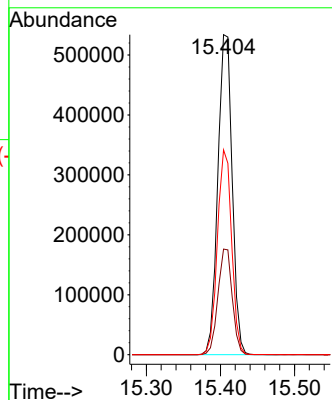
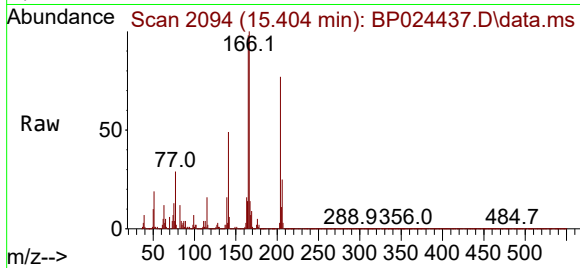




#61
4-Chlorophenyl-phenylether
Concen: 47.918 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

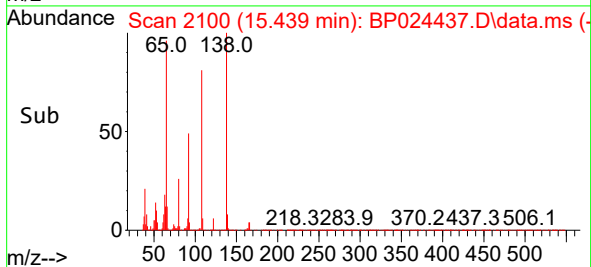
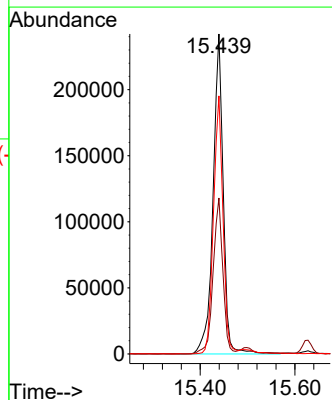
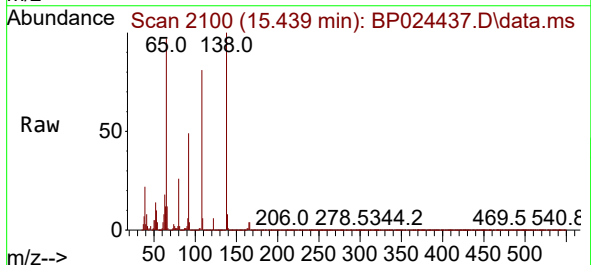
Instrument :
BNA_P
ClientSampleId :
PB167739BS

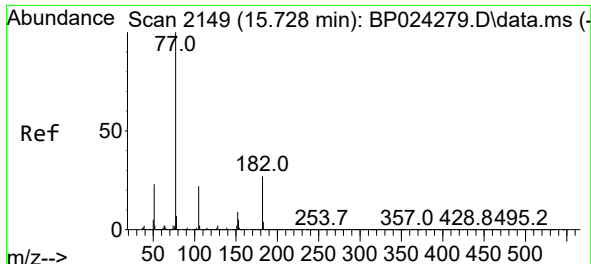
Tgt Ion:204 Resp: 717576
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.0 49.4 74.0



#62
4-Nitroaniline
Concen: 47.561 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:138 Resp: 363183
Ion Ratio Lower Upper
138 100
92 48.8 27.8 67.8
108 80.7 48.9 88.9



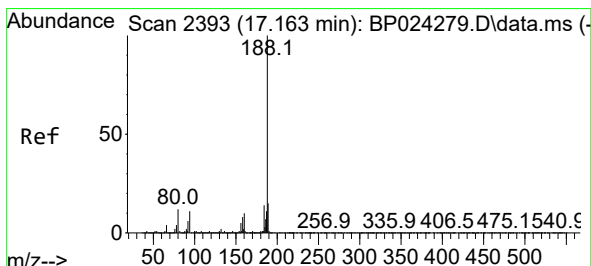
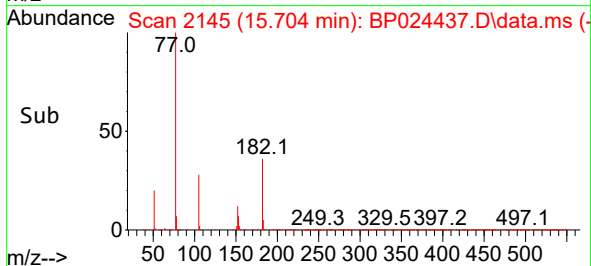
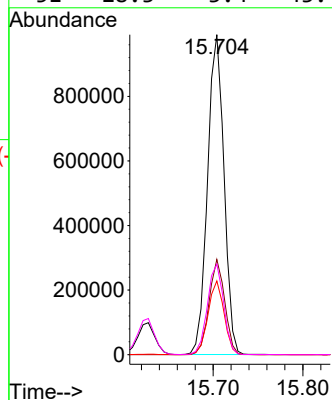
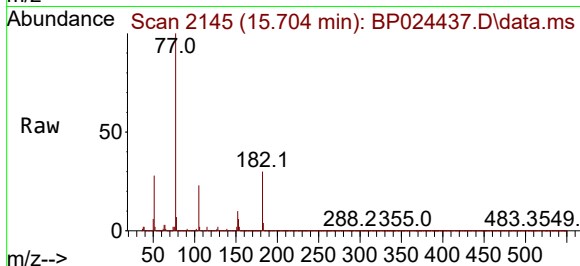


#63
Azobenzene
Concen: 41.196 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Instrument :
BNA_P
ClientSampleId :
PB167739BS

Tgt Ion: 77 Resp: 1261136

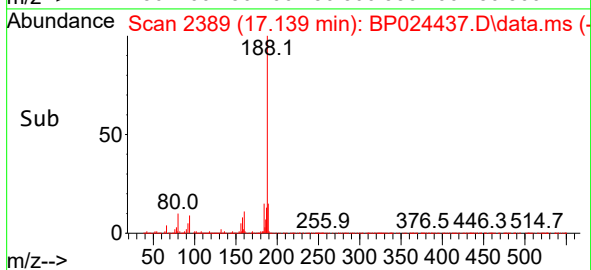
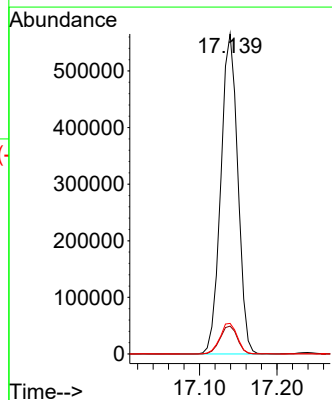
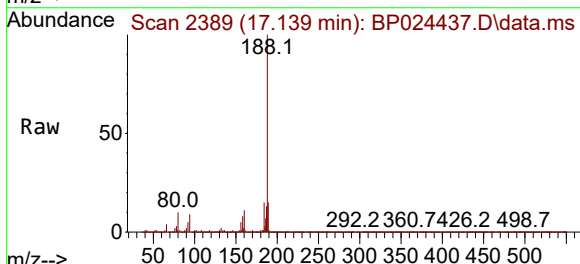
Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.3	47.3
105	23.1	2.3	42.3
51	28.3	3.4	43.4

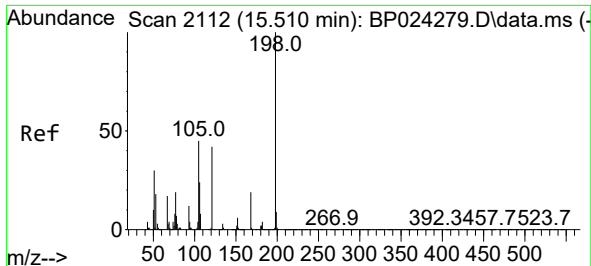


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion: 188 Resp: 859977

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.6	13.0
80	9.6	9.8	14.6

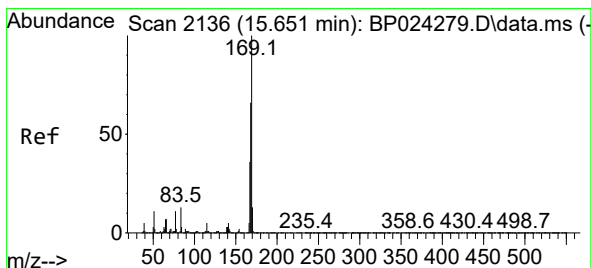
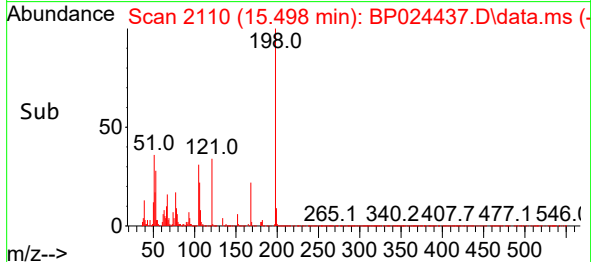
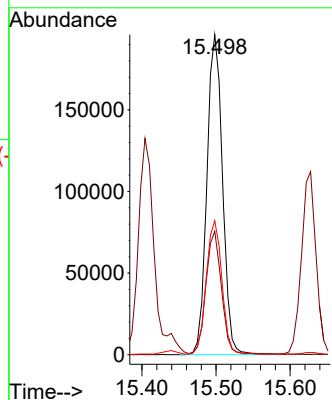
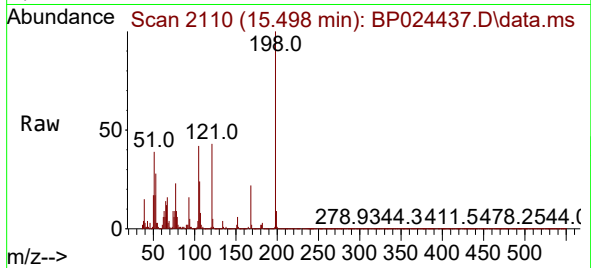




#65
4,6-Dinitro-2-methylphenol
Concen: 53.168 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

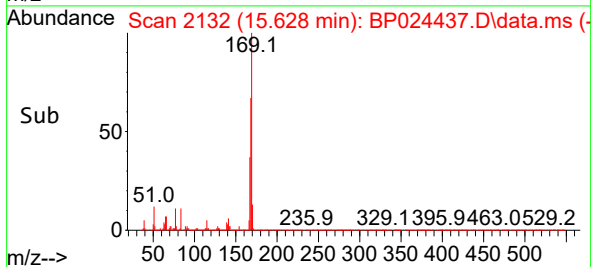
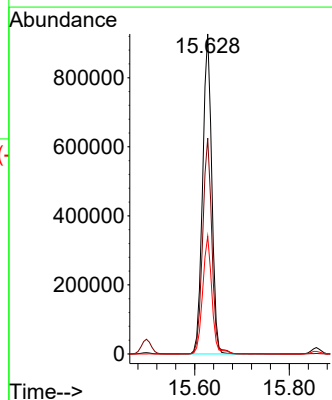
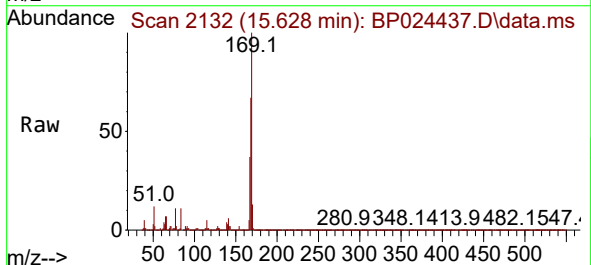
Instrument :
BNA_P
ClientSampleId :
PB167739BS

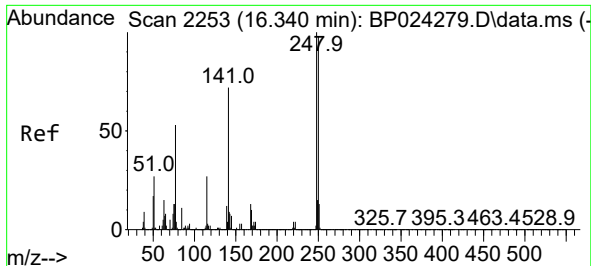
Tgt Ion:198 Resp: 288267
Ion Ratio Lower Upper
198 100
51 38.5 18.4 58.4
105 41.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.213 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:169 Resp: 1237554
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.8 28.9 43.3

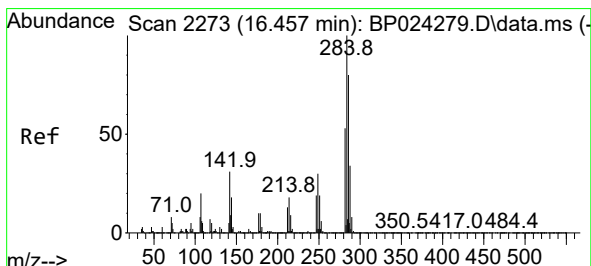
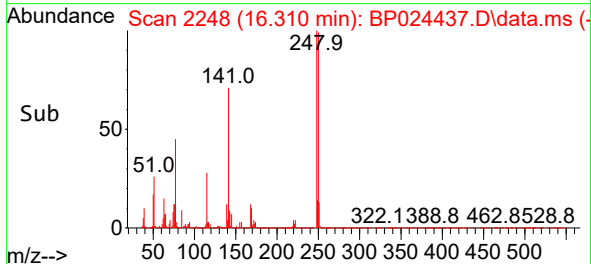
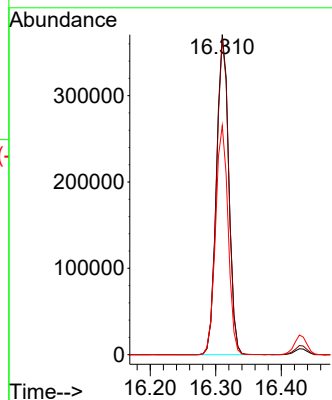
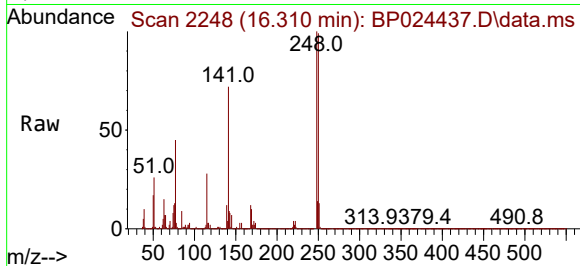




#67
4-Bromophenyl-phenylether
Concen: 51.370 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

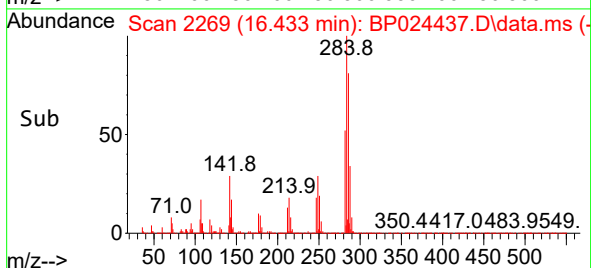
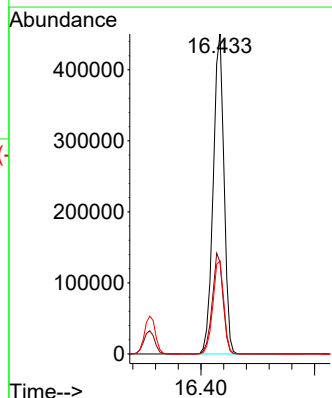
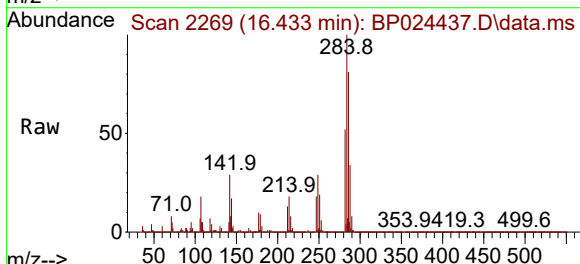
Instrument :
BNA_P
ClientSampleId :
PB167739BS

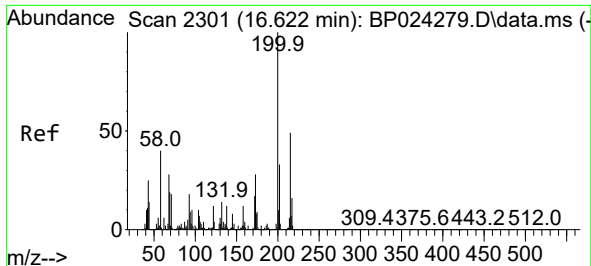
Tgt Ion:248 Resp: 483154
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.4
141 71.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 52.748 ng
RT: 16.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:284 Resp: 589527
Ion Ratio Lower Upper
284 100
142 28.7 24.6 37.0
249 29.1 23.8 35.6

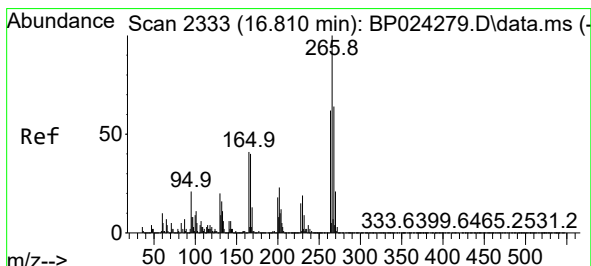
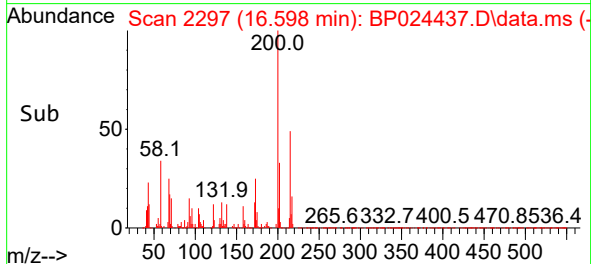
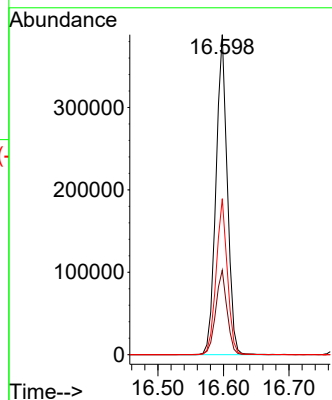
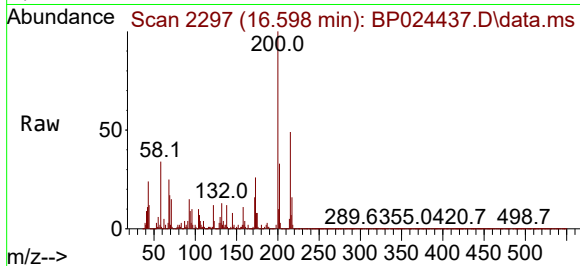




#69
Atrazine
Concen: 71.390 ng
RT: 16.598 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

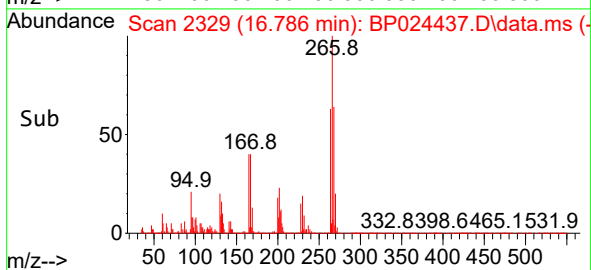
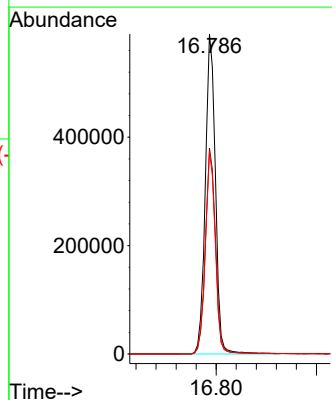
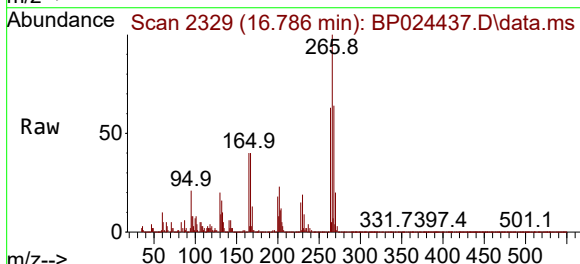
Instrument :
BNA_P
ClientSampleId :
PB167739BS

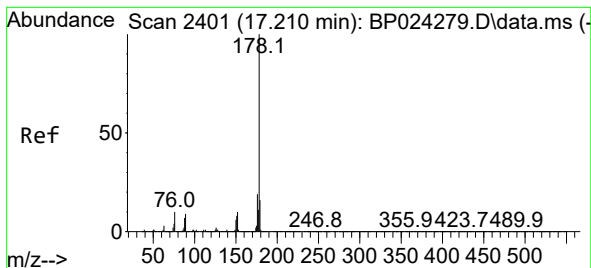
Tgt Ion:200 Resp: 466713
Ion Ratio Lower Upper
200 100
173 26.4 7.5 47.5
215 48.7 28.8 68.8



#70
Pentachlorophenol
Concen: 106.242 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:266 Resp: 828355
Ion Ratio Lower Upper
266 100
268 64.3 51.0 76.6
264 63.3 49.8 74.6





#71

Phenanthrene

Concen: 46.225 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

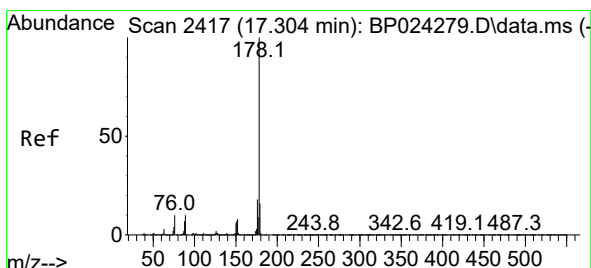
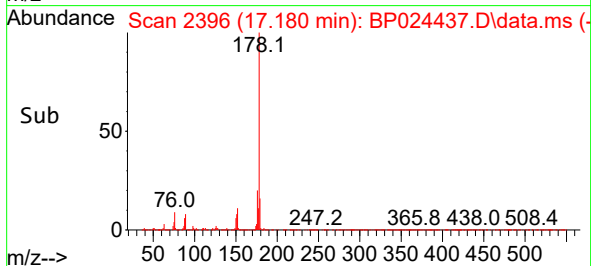
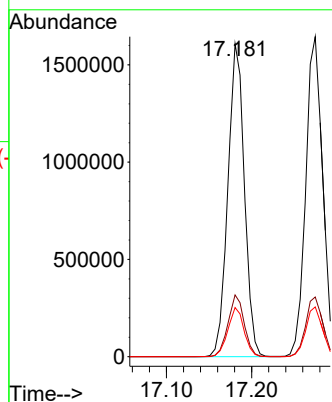
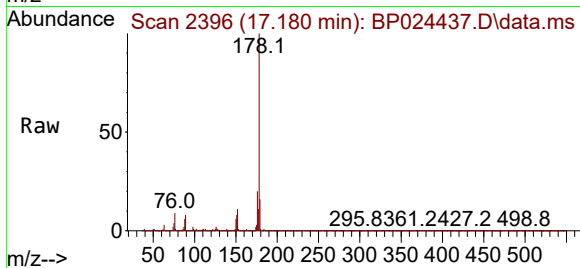
Tgt Ion:178 Resp: 2168592

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.7 12.5 18.7



#72

Anthracene

Concen: 50.188 ng

RT: 17.275 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

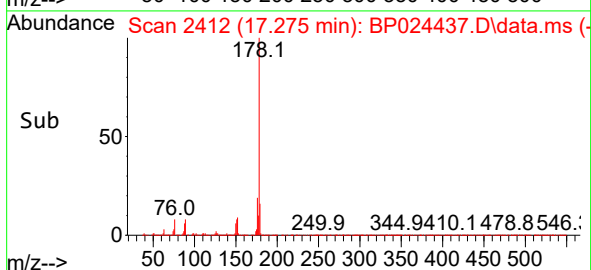
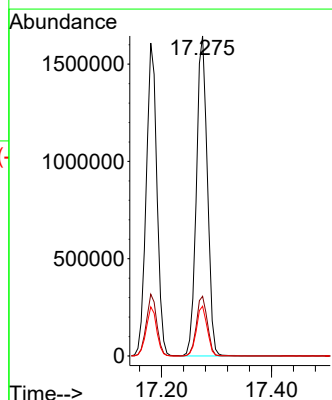
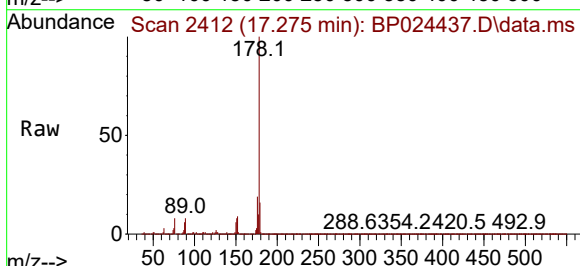
Tgt Ion:178 Resp: 2269276

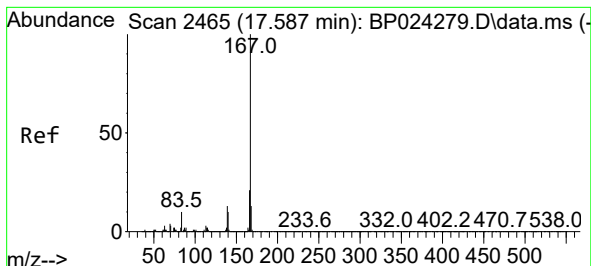
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 47.996 ng

RT: 17.557 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

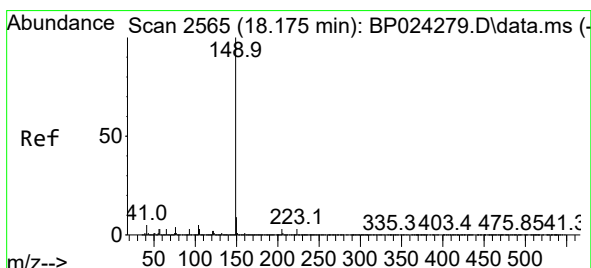
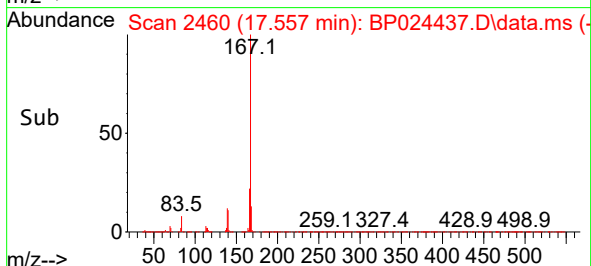
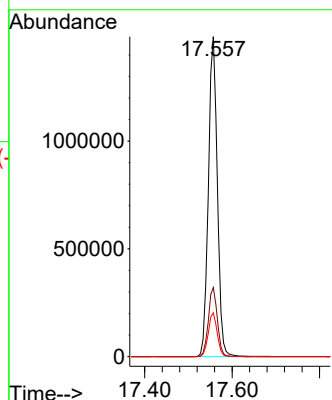
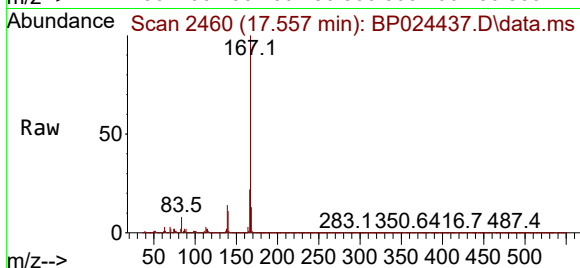
Tgt Ion:167 Resp: 2120449

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.086 ng

RT: 18.139 min Scan# 2559

Delta R.T. -0.018 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

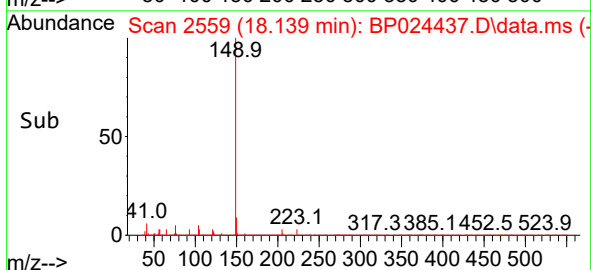
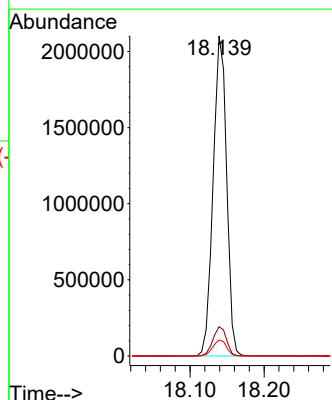
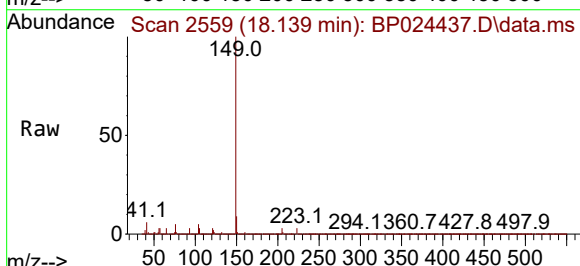
Tgt Ion:149 Resp: 2646737

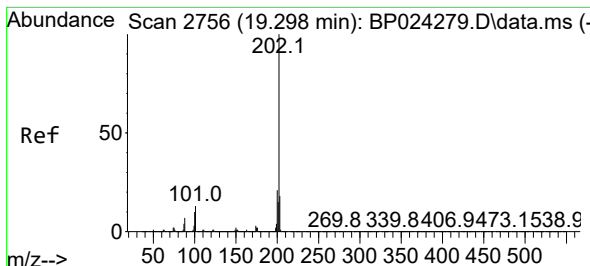
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 46.710 ng

RT: 19.263 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

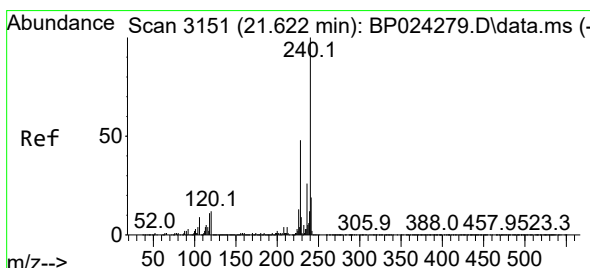
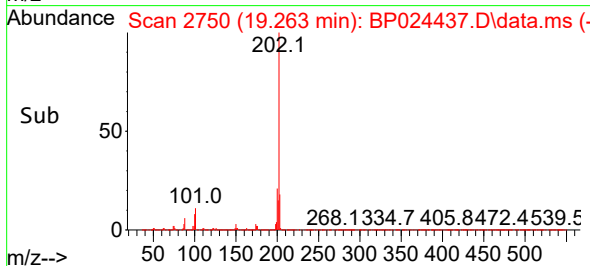
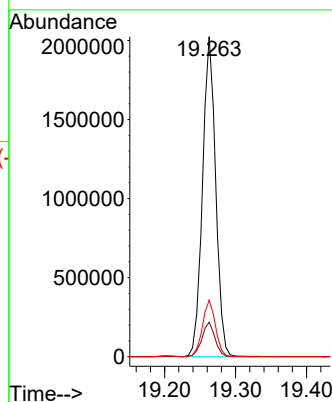
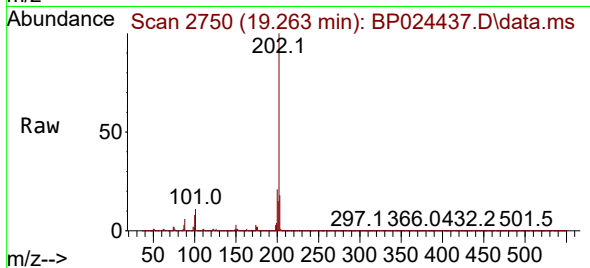
Tgt Ion:202 Resp: 2606233

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.2

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

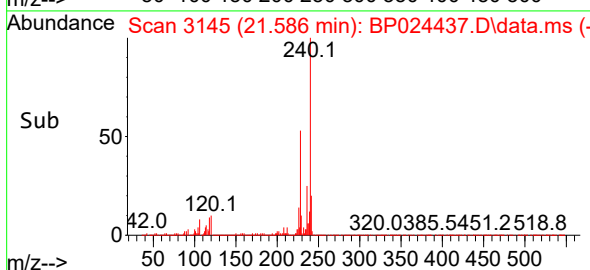
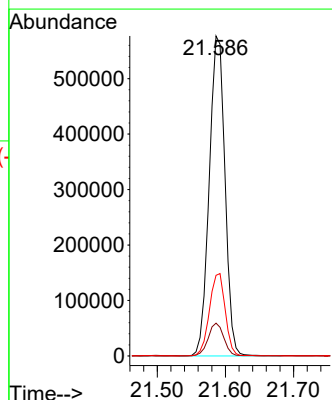
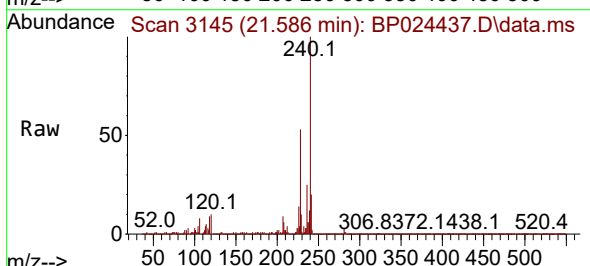
Tgt Ion:240 Resp: 928094

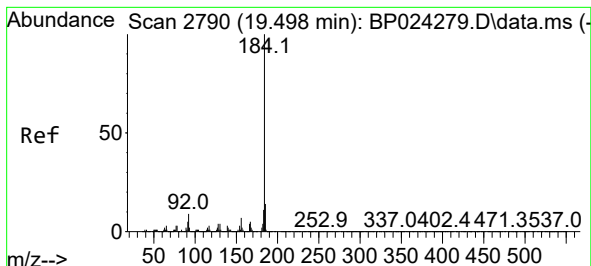
Ion Ratio Lower Upper

240 100

120 10.2 9.8 14.8

236 25.2 20.9 31.3





#77

Benzidine

Concen: 103.495 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

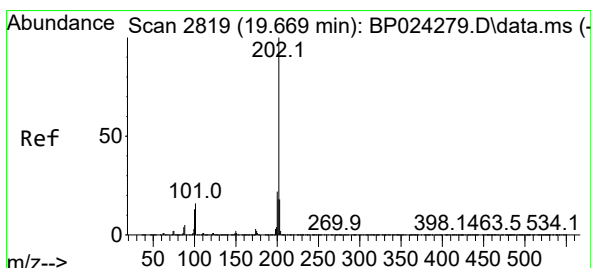
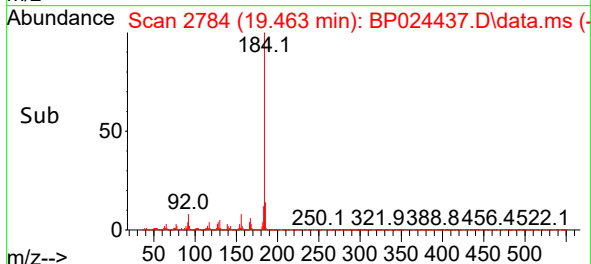
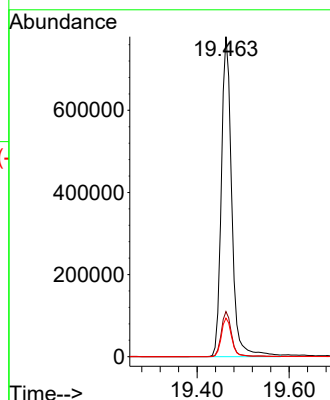
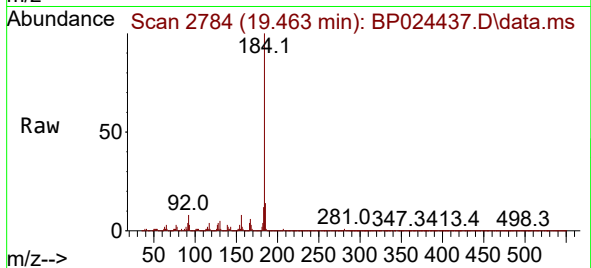
Tgt Ion:184 Resp: 1217558

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.1 9.2 13.8



#78

Pyrene

Concen: 46.177 ng

RT: 19.639 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

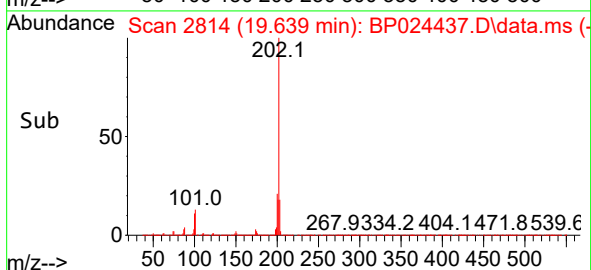
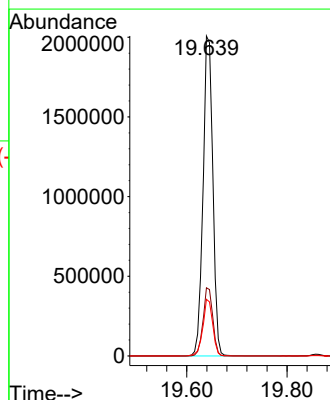
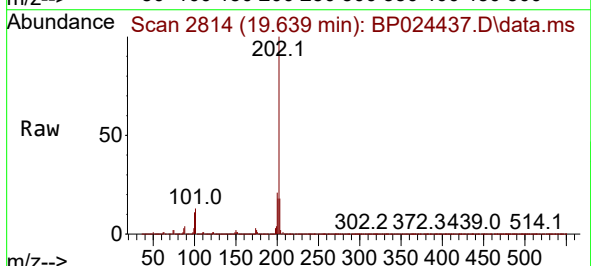
Tgt Ion:202 Resp: 2723599

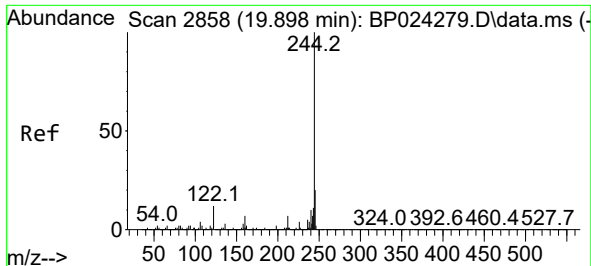
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.7 14.4 21.6

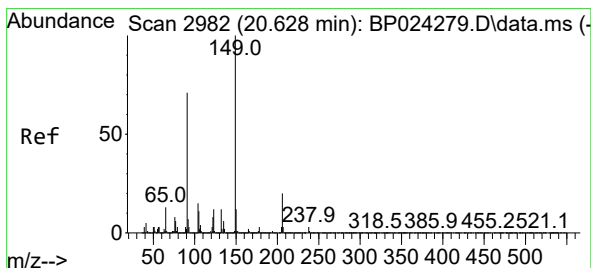
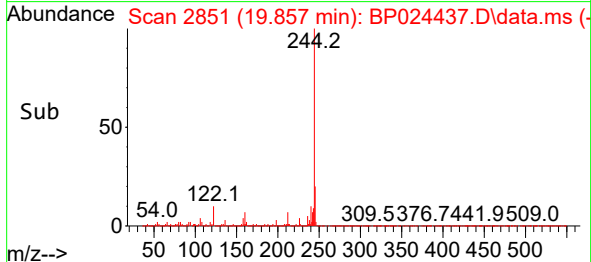
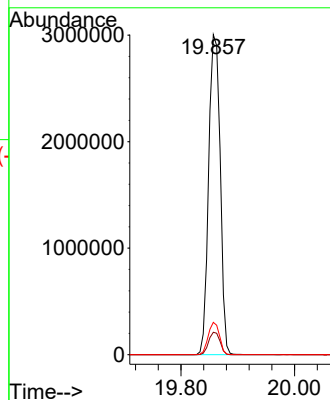
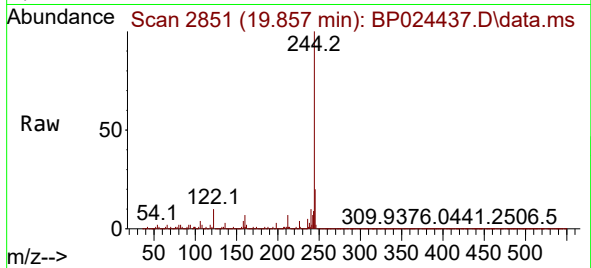




#79
 Terphenyl-d14
 Concen: 91.464 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

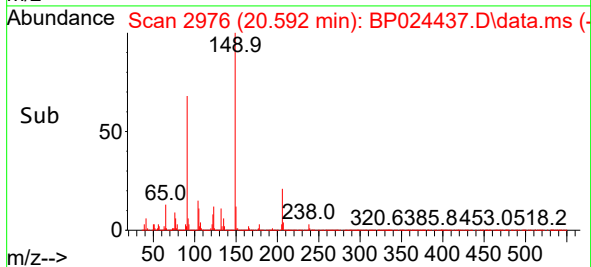
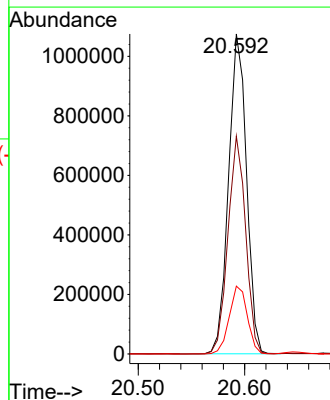
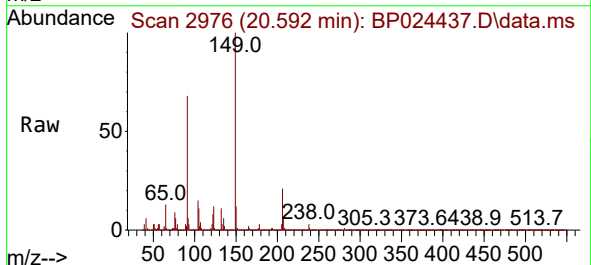
Instrument :
 BNA_P
 ClientSampleId :
 PB167739BS

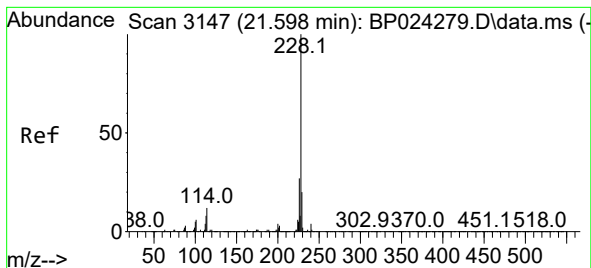
Tgt Ion:244 Resp: 4211414
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 49.664 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. -0.012 min
 Lab File: BP024437.D
 Acq: 28 Apr 2025 14:56

Tgt Ion:149 Resp: 1254680
 Ion Ratio Lower Upper
 149 100
 91 68.1 56.4 84.6
 206 21.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.632 ng

RT: 21.569 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

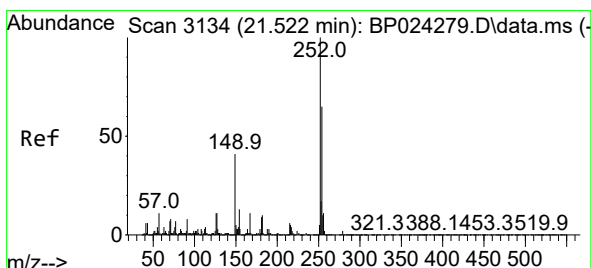
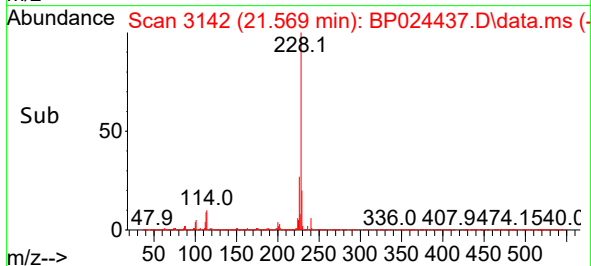
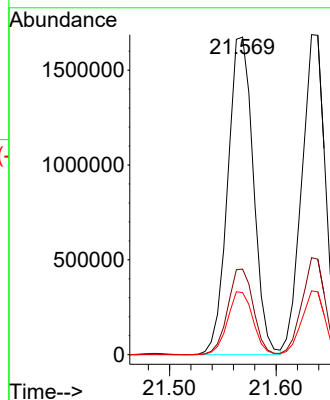
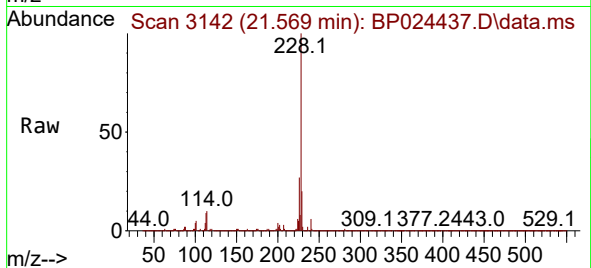
Tgt Ion:228 Resp: 2805394

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.567 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

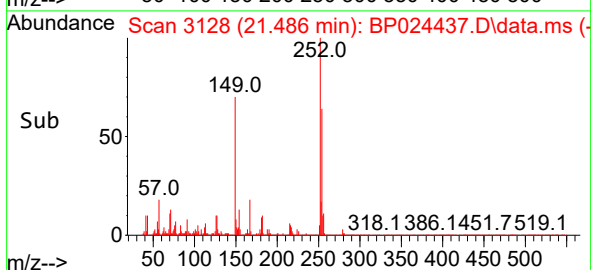
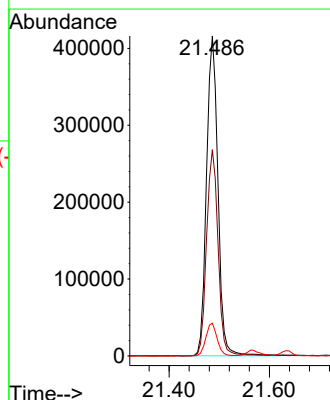
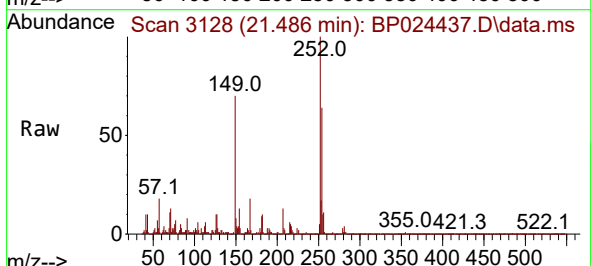
Tgt Ion:252 Resp: 659391

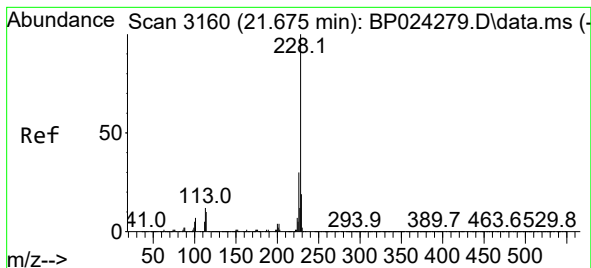
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 10.2 8.8 13.2





#83

Chrysene

Concen: 46.510 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

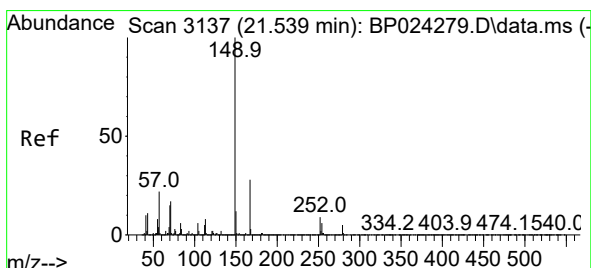
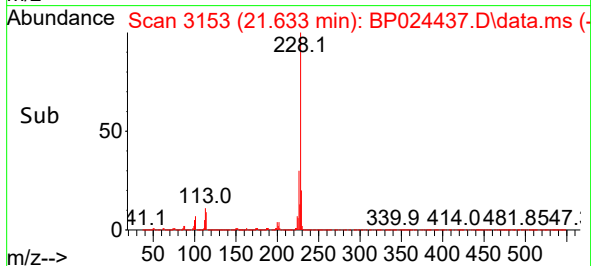
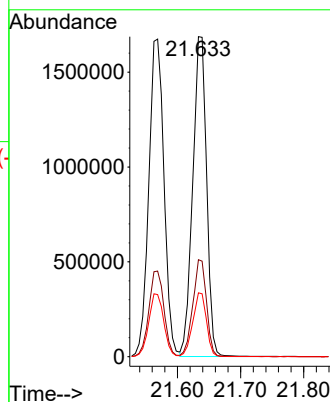
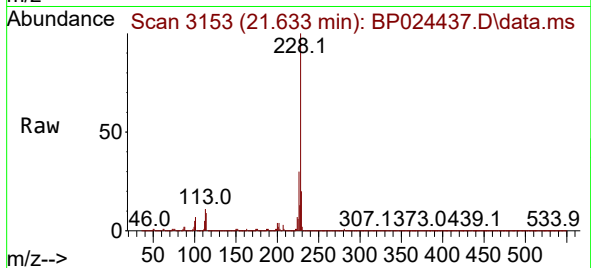
Tgt Ion:228 Resp: 2570431

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.155 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

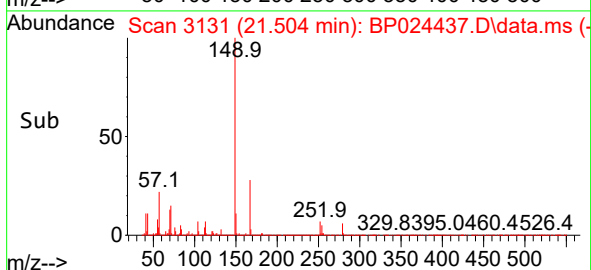
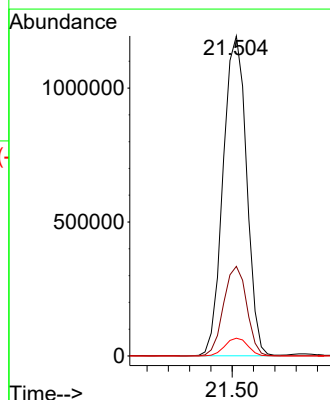
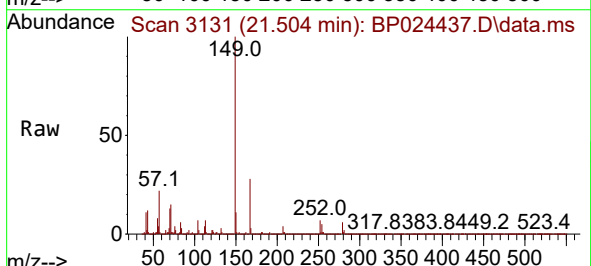
Tgt Ion:149 Resp: 1820428

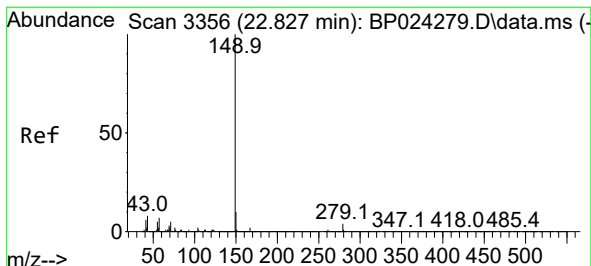
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 5.6 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.860 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

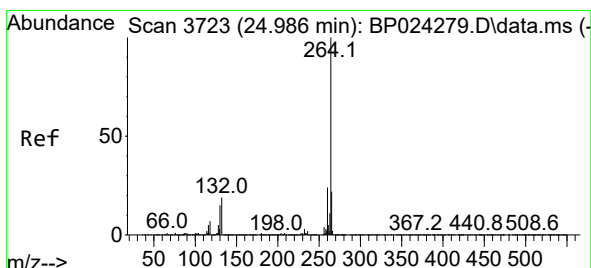
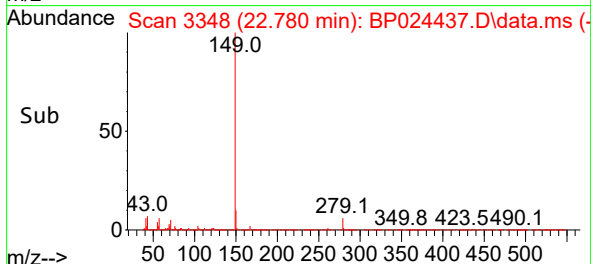
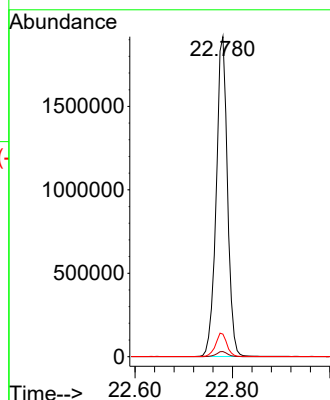
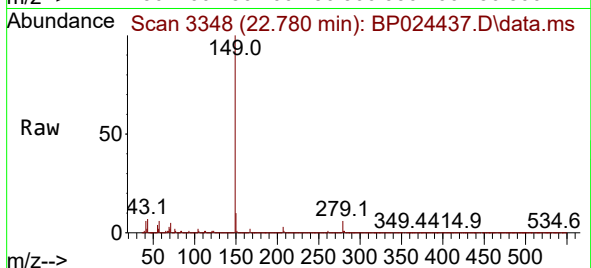
Tgt Ion:149 Resp: 3062147

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.3 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

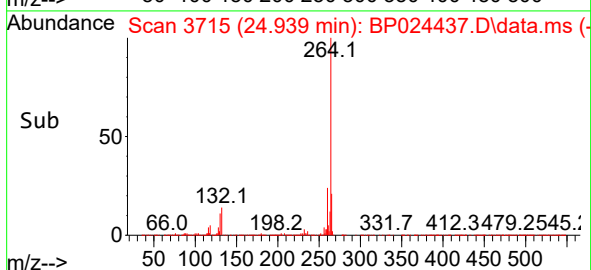
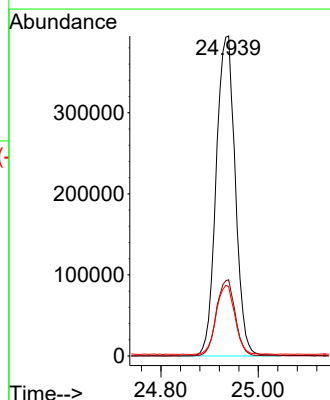
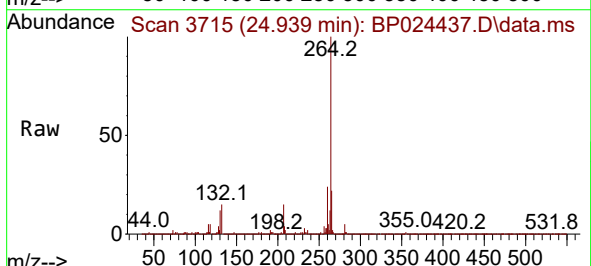
Tgt Ion:264 Resp: 1073951

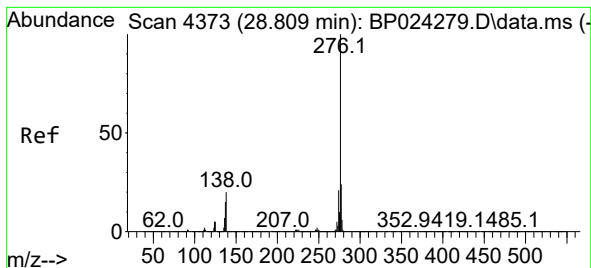
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.248 ng

RT: 28.756 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

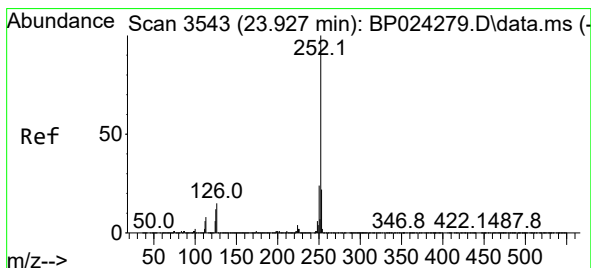
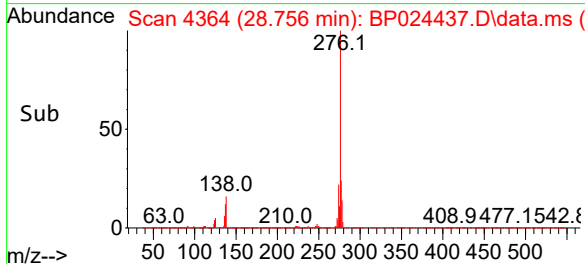
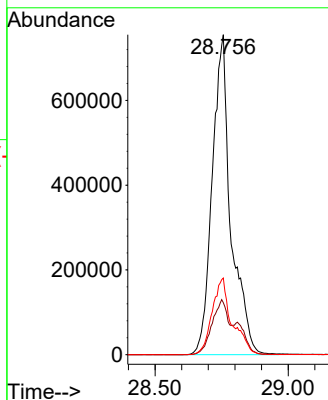
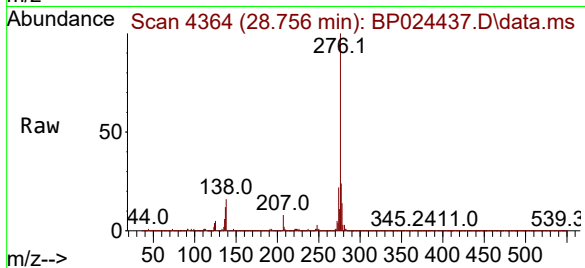
Tgt Ion:276 Resp: 3671832

Ion Ratio Lower Upper

276 100

138 14.8 14.5 21.7

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.601 ng

RT: 23.880 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

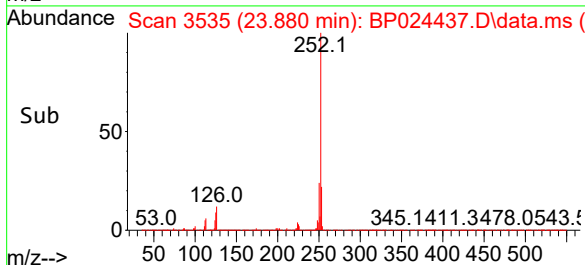
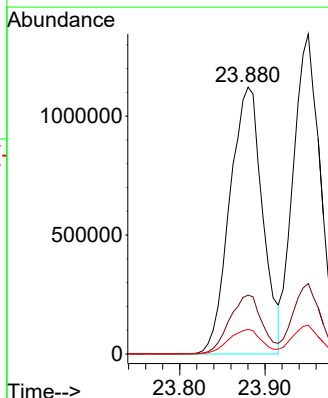
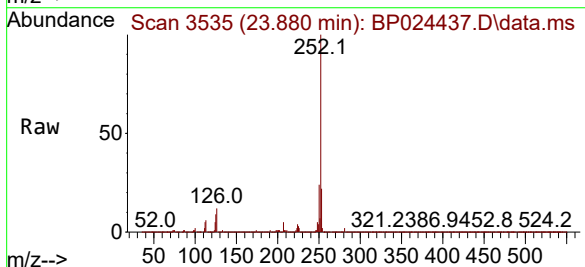
Tgt Ion:252 Resp: 2999846

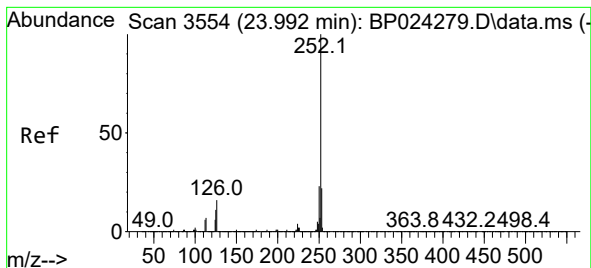
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 9.4 14.0#





#89

Benzo(k)fluoranthene

Concen: 47.695 ng m

RT: 23.951 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

PB167739BS

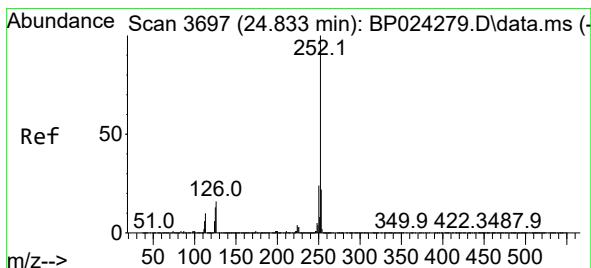
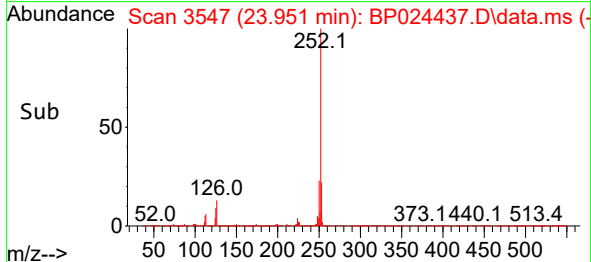
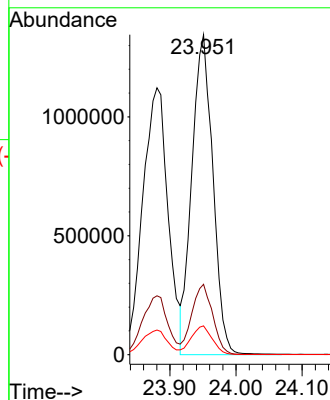
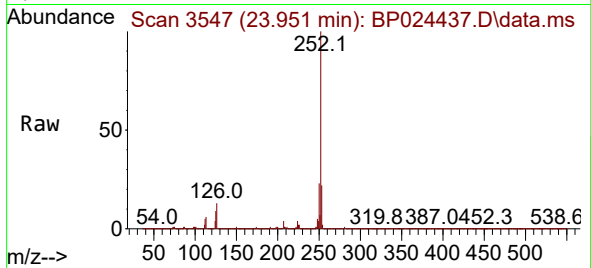
Tgt Ion:252 Resp: 2965742

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.0 9.1 13.7#



#90

Benzo(a)pyrene

Concen: 51.046 ng

RT: 24.774 min Scan# 3687

Delta R.T. -0.006 min

Lab File: BP024437.D

Acq: 28 Apr 2025 14:56

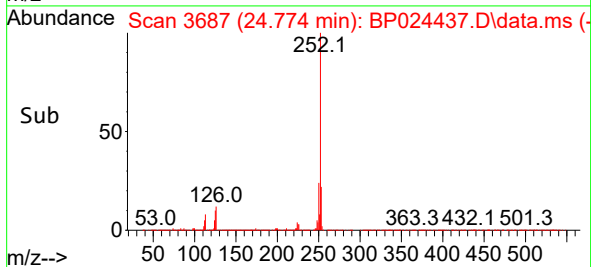
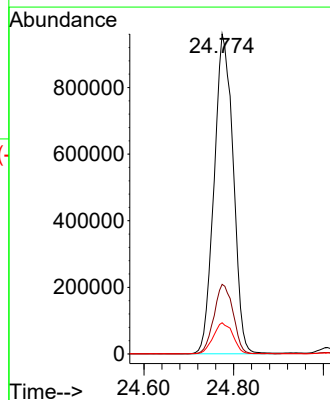
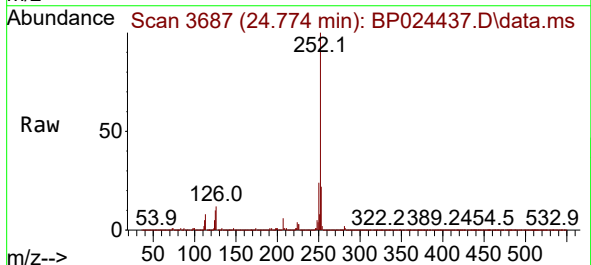
Tgt Ion:252 Resp: 2834520

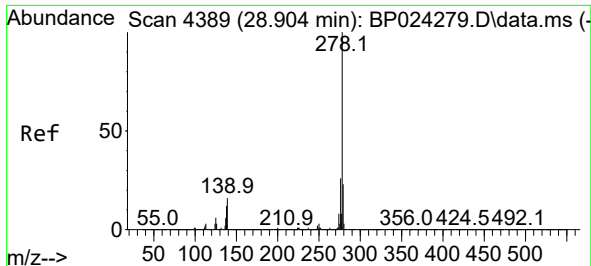
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.7 10.1 15.1#

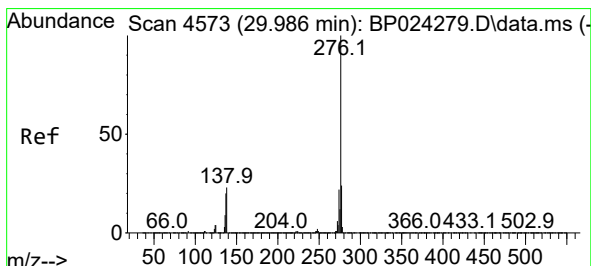
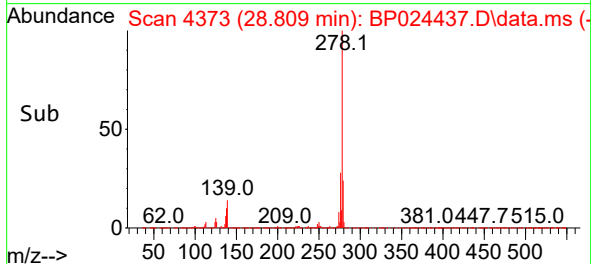
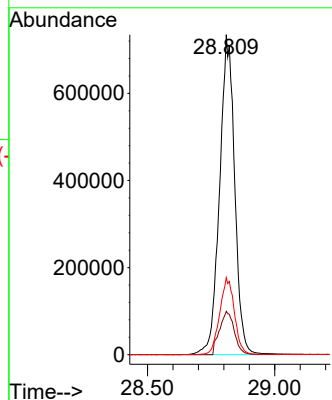
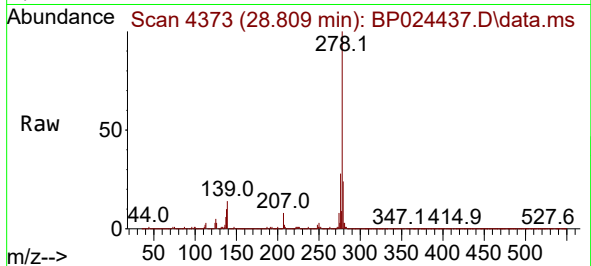




#91
Dibenzo(a,h)anthracene
Concen: 48.897 ng
RT: 28.809 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Instrument :
BNA_P
ClientSampleId :
PB167739BS

Tgt Ion:278 Resp: 3026043
Ion Ratio Lower Upper
278 100
139 13.6 12.6 19.0
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.672 ng
RT: 29.909 min Scan# 4560
Delta R.T. 0.012 min
Lab File: BP024437.D
Acq: 28 Apr 2025 14:56

Tgt Ion:276 Resp: 2939912
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 18.1 18.7 28.1#

