

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024471.D
 Acq On : 30 Apr 2025 13:21
 Operator : RC/JU
 Sample : PB167773BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167773BS

Quant Time: Apr 30 13:49:45 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	7.710	152	151008	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	599789	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	369496	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	717457	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	839834	20.000	ng	#-0.01
86) Perylene-d12	24.921	264	1021014	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1240943	135.876	ng	-0.01
7) Phenol-d6	6.905	99	1518264	121.408	ng	0.00
23) Nitrobenzene-d5	8.863	82	934502	88.842	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	792411	155.005	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2112381	87.532	ng	-0.01
79) Terphenyl-d14	19.869	244	3677450	88.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	140913	36.477	ng	# 93
3) Pyridine	3.675	79	363749	35.660	ng	93
4) n-Nitrosodimethylamine	3.581	42	164712	48.654	ng	# 74
6) Aniline	7.052	93	354135	31.691	ng	98
8) 2-Chlorophenol	7.287	128	460409	45.153	ng	99
9) Benzaldehyde	6.863	77	202594	32.750	ng	99
10) Phenol	6.928	94	536044	42.730	ng	91
11) bis(2-Chloroethyl)ether	7.146	93	397403	39.318	ng	99
12) 1,3-Dichlorobenzene	7.605	146	484023	44.092	ng	99
13) 1,4-Dichlorobenzene	7.746	146	490411	44.030	ng	100
14) 1,2-Dichlorobenzene	8.063	146	473792	44.053	ng	99
15) Benzyl Alcohol	7.958	79	373164	46.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	439994	40.273	ng	100
17) 2-Methylphenol	8.158	107	367000	45.223	ng	97
18) Hexachloroethane	8.781	117	181219	45.021	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	294509	38.067	ng	95
20) 3+4-Methylphenols	8.487	107	501204	44.511	ng	97
22) Acetophenone	8.528	105	637359	42.934	ng	97
24) Nitrobenzene	8.905	77	457978	44.012	ng	99
25) Isophorone	9.422	82	830127	43.600	ng	98
26) 2-Nitrophenol	9.605	139	239708	47.073	ng	# 94
27) 2,4-Dimethylphenol	9.669	122	414602	64.842	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	511340	39.756	ng	100
29) 2,4-Dichlorophenol	10.146	162	408392	46.844	ng	98
30) 1,2,4-Trichlorobenzene	10.352	180	424931	45.492	ng	100
31) Naphthalene	10.534	128	1330924	42.125	ng	99
32) Benzoic acid	9.828	122	312186m	41.902	ng	
33) 4-Chloroaniline	10.652	127	174409	15.675	ng	99
34) Hexachlorobutadiene	10.816	225	268733	48.959	ng	99
35) Caprolactam	11.440	113	138547	43.069	ng	94
36) 4-Chloro-3-methylphenol	11.781	107	467670	46.055	ng	99
37) 2-Methylnaphthalene	12.146	142	829023	37.835	ng	96
38) 1-Methylnaphthalene	12.369	142	874901	40.816	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	465934	45.854	ng	98
41) Hexachlorocyclopentadiene	12.498	237	674615	187.719	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	328972	48.695	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024471.D
 Acq On : 30 Apr 2025 13:21
 Operator : RC/JU
 Sample : PB167773BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167773BS

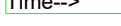
Quant Time: Apr 30 13:49:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

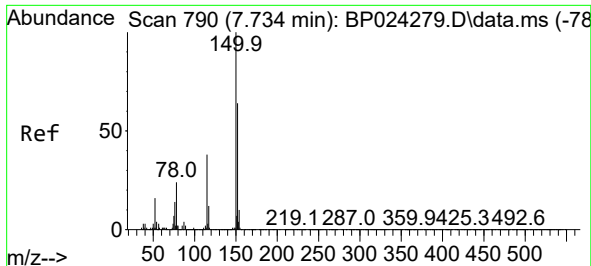
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	361972	48.385	ng	99
46) 1,1'-Biphenyl	13.163	154	1165902	42.927	ng	98
47) 2-Chloronaphthalene	13.204	162	900870	44.380	ng	98
48) 2-Nitroaniline	13.416	65	282261	49.572	ng	97
49) Acenaphthylene	14.057	152	1502755	47.021	ng	100
50) Dimethylphthalate	13.798	163	1189235	44.258	ng	100
51) 2,6-Dinitrotoluene	13.916	165	260152	45.594	ng	92
52) Acenaphthene	14.404	154	863801	42.633	ng	98
53) 3-Nitroaniline	14.251	138	133532	22.267	ng	100
54) 2,4-Dinitrophenol	14.463	184	350471	104.275	ng	91
55) Dibenzofuran	14.740	168	1380448	41.682	ng	95
56) 4-Nitrophenol	14.587	139	505295	97.560	ng	93
57) 2,4-Dinitrotoluene	14.716	165	384352	49.380	ng	96
58) Fluorene	15.398	166	1112292	43.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	318391	46.145	ng	98
60) Diethylphthalate	15.175	149	1186059	42.833	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	542401	43.567	ng	97
62) 4-Nitroaniline	15.434	138	277048	43.640	ng	85
63) Azobenzene	15.698	77	1039090	40.827	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	218982	48.412	ng	97
66) n-Nitrosodiphenylamine	15.616	169	963150	44.977	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	365546	46.586	ng	97
68) Hexachlorobenzene	16.428	284	454925	48.791	ng	99
69) Atrazine	16.598	200	363774	66.698	ng	98
70) Pentachlorophenol	16.786	266	651081	100.094	ng	99
71) Phenanthrene	17.181	178	1746774	44.630	ng	100
72) Anthracene	17.275	178	1788985	47.425	ng	100
73) Carbazole	17.557	167	1712256	46.456	ng	99
74) Di-n-butylphthalate	18.145	149	2098270	45.694	ng	99
75) Fluoranthene	19.269	202	2137462	45.918	ng	97
77) Benzidine	19.469	184	888784	83.488	ng	99
78) Pyrene	19.645	202	2192068	41.071	ng	98
80) Butylbenzylphthalate	20.604	149	1031299	45.112	ng	96
81) Benzo(a)anthracene	21.563	228	2405342	46.079	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	542548	29.612	ng	99
83) Chrysene	21.633	228	2228822	44.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1503319	44.858	ng	99
85) Di-n-octyl phthalate	22.774	149	2690948	49.391	ng	100
87) Indeno(1,2,3-cd)pyrene	28.739	276	3445300m	48.605	ng	
88) Benzo(b)fluoranthene	23.874	252	2655298m	43.387	ng	
89) Benzo(k)fluoranthene	23.945	252	2643336	44.714	ng	98
90) Benzo(a)pyrene	24.780	252	2601459	49.278	ng	# 97
91) Dibenzo(a,h)anthracene	28.827	278	2815591	47.856	ng	97
92) Benzo(g,h,i)perylene	29.909	276	2750892	45.936	ng	95

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

PB167773BS

Response via : Initial Calibration

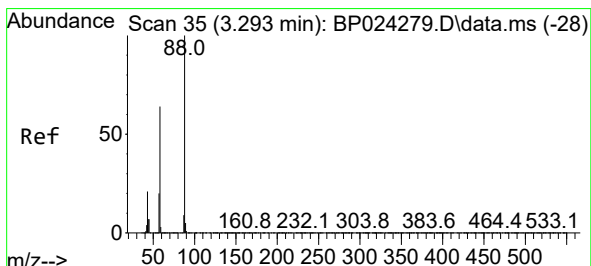
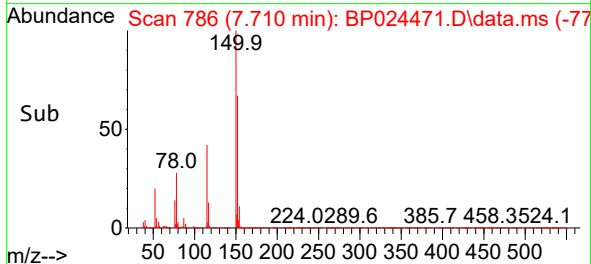
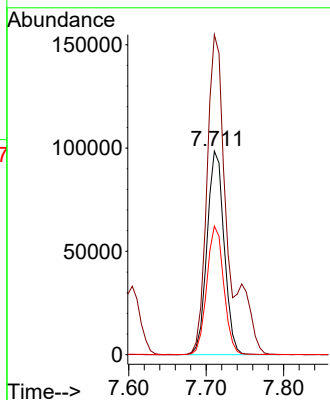
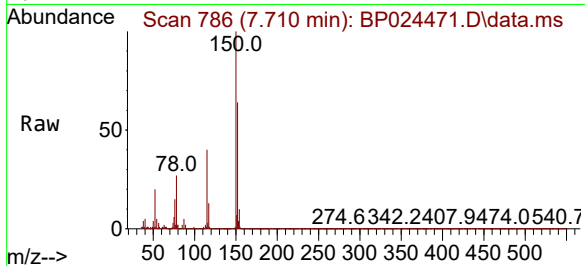




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

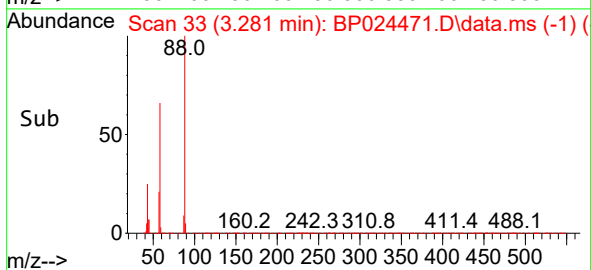
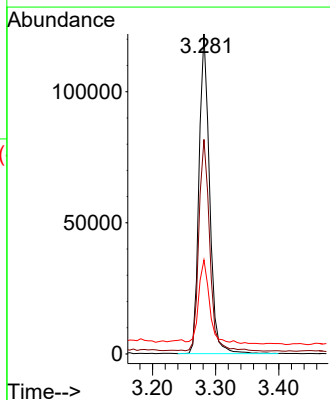
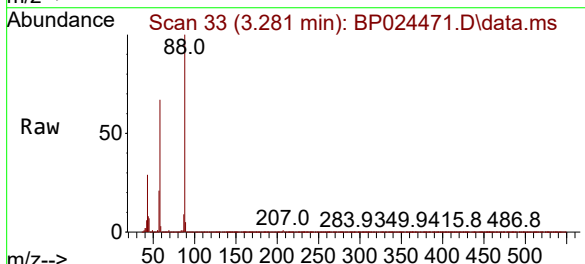
Instrument :
BNA_P
ClientSampleId :
PB167773BS

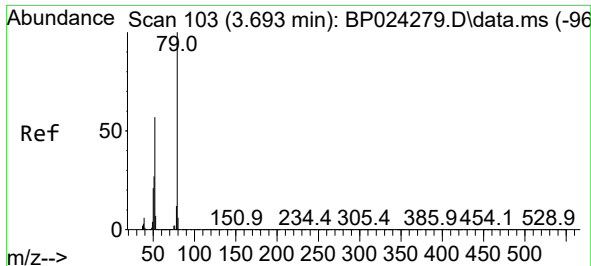
Tgt Ion:152 Resp: 151008
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 63.2 47.7 71.5



#2
1,4-Dioxane
Concen: 36.477 ng
RT: 3.281 min Scan# 33
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 88 Resp: 140913
Ion Ratio Lower Upper
88 100
58 68.2 51.4 77.2
43 27.6 17.1 25.7#

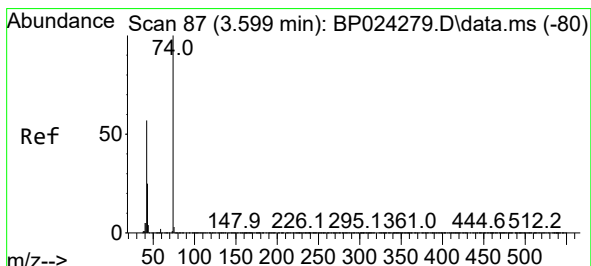
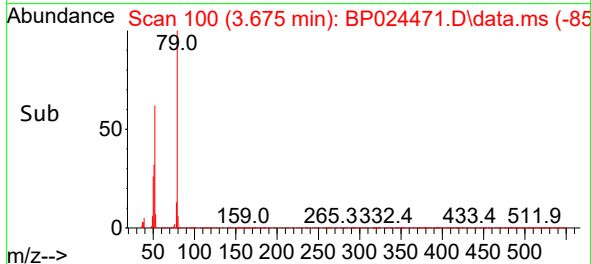
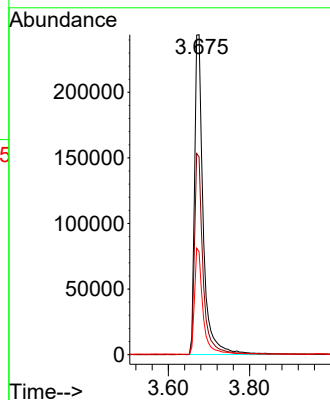
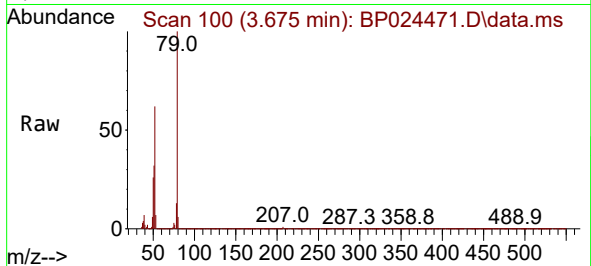




#3
Pyridine
Concen: 35.660 ng
RT: 3.675 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

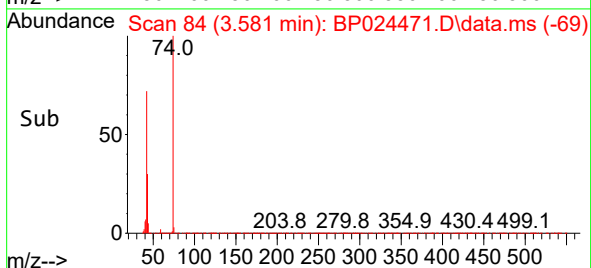
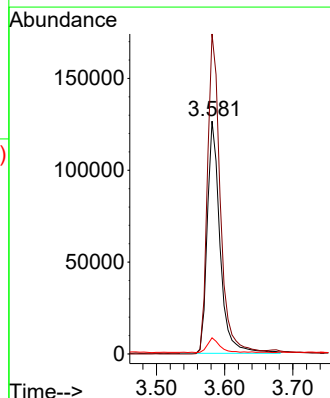
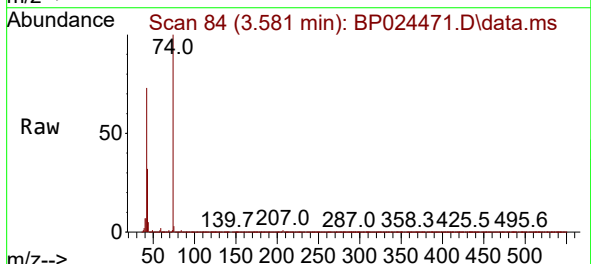
Instrument :
BNA_P
ClientSampleId :
PB167773BS

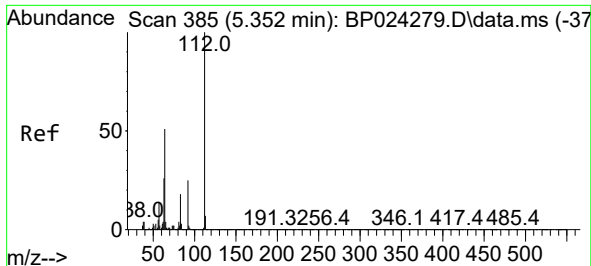
Tgt Ion: 79 Resp: 363749
Ion Ratio Lower Upper
79 100
52 61.8 45.4 68.2
51 32.2 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 48.654 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 42 Resp: 164712
Ion Ratio Lower Upper
42 100
74 137.5 139.5 209.3#
44 7.0 5.8 8.8

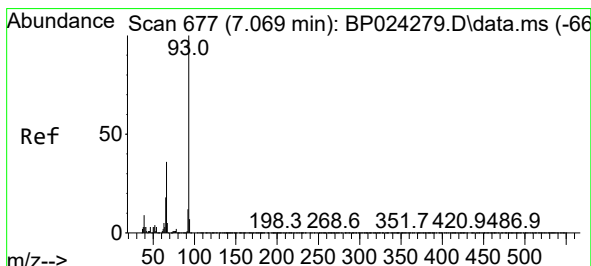
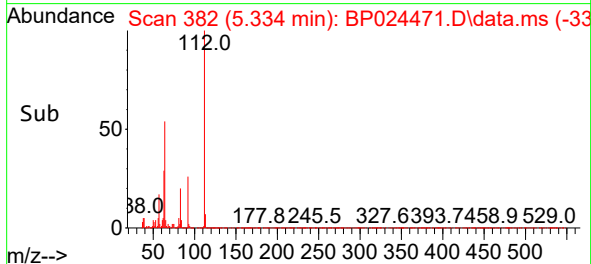
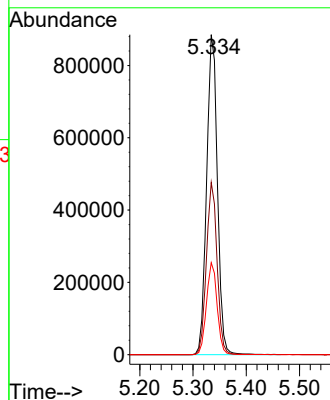
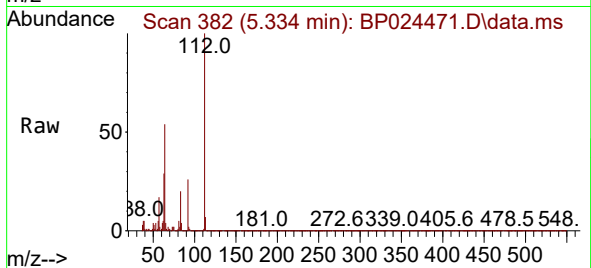




#5
2-Fluorophenol
Concen: 135.876 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

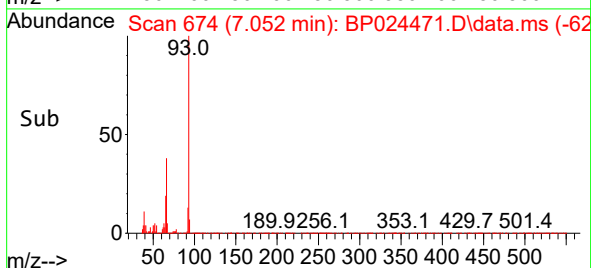
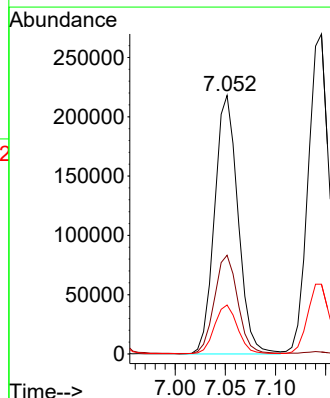
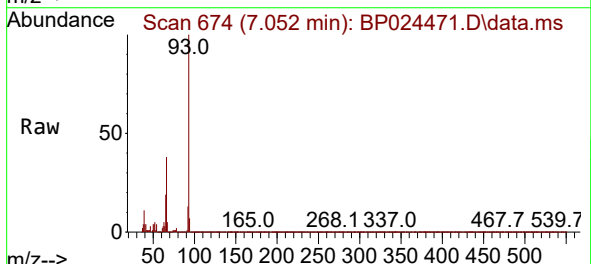
Instrument :
BNA_P
ClientSampleId :
PB167773BS

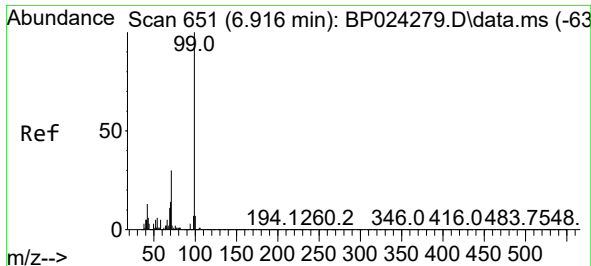
Tgt Ion:112 Resp: 1240943
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 28.8 20.6 30.8



#6
Aniline
Concen: 31.691 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 93 Resp: 354135
Ion Ratio Lower Upper
93 100
66 38.2 29.1 43.7
65 18.9 14.7 22.1

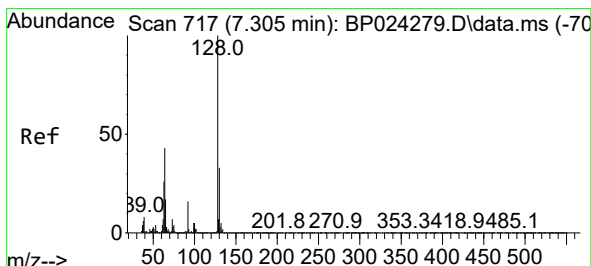
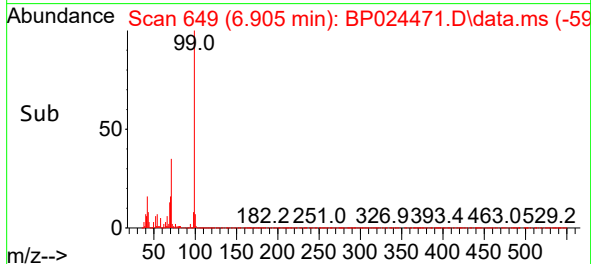
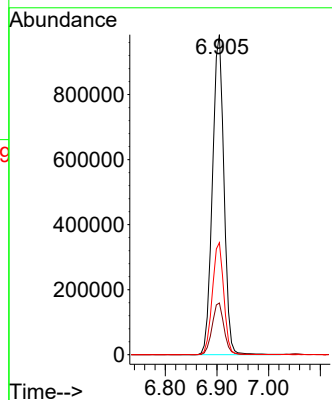
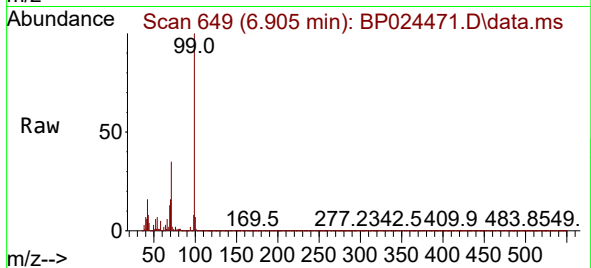




#7
Phenol-d6
Concen: 121.408 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

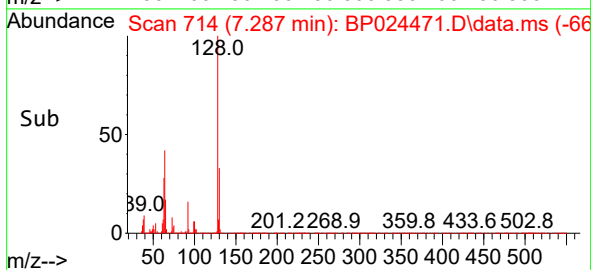
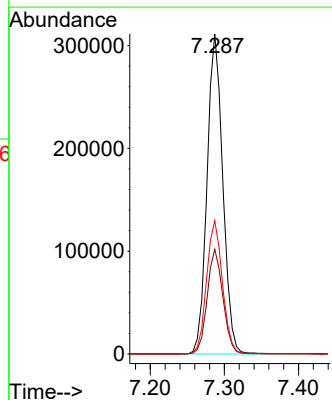
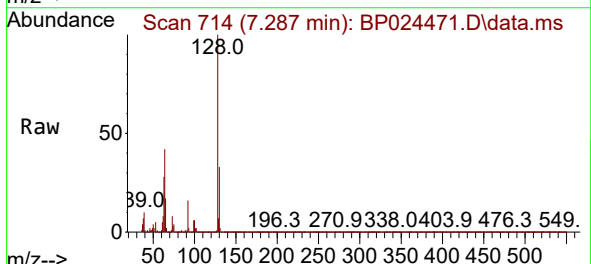
Instrument :
BNA_P
ClientSampleId :
PB167773BS

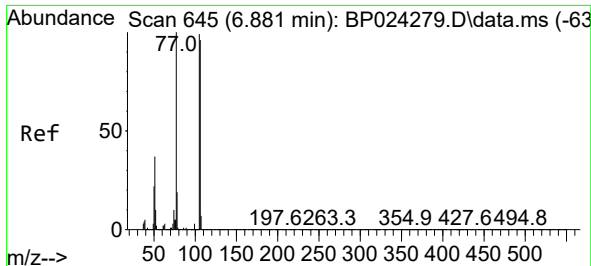
Tgt Ion: 99 Resp: 1518264
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 35.0 23.7 35.5



#8
2-Chlorophenol
Concen: 45.153 ng
RT: 7.287 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:128 Resp: 460409
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 41.7 22.7 62.7

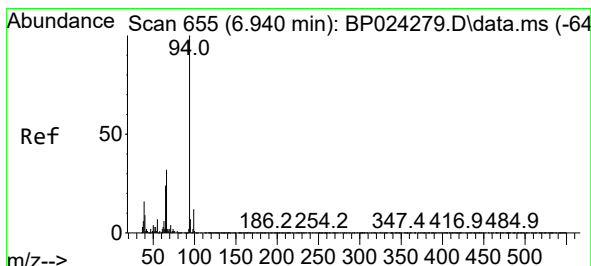
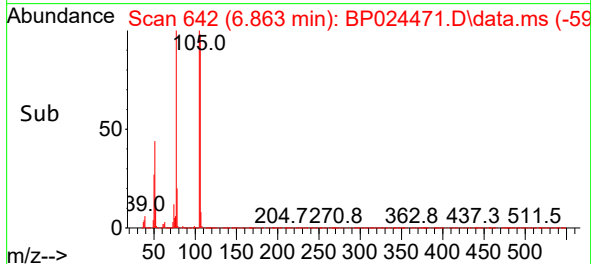
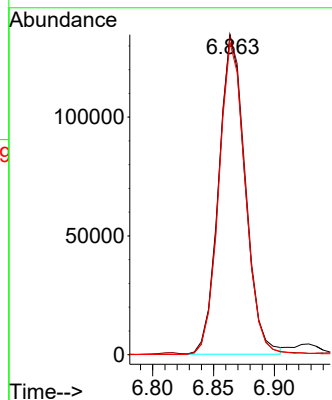
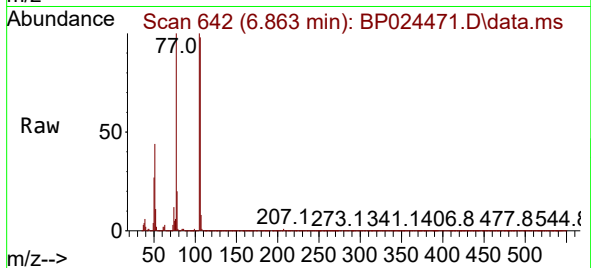




#9
Benzaldehyde
Concen: 32.750 ng
RT: 6.863 min Scan# 645
Delta R.T. -0.018 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

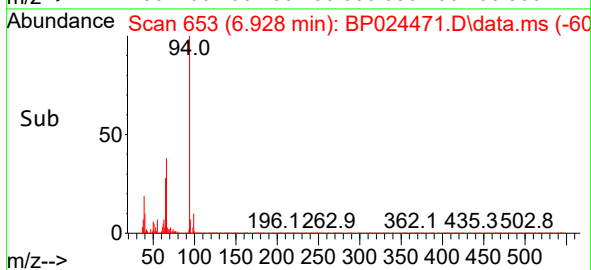
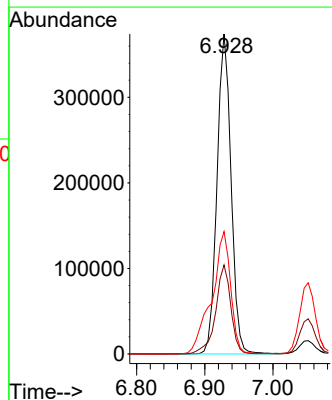
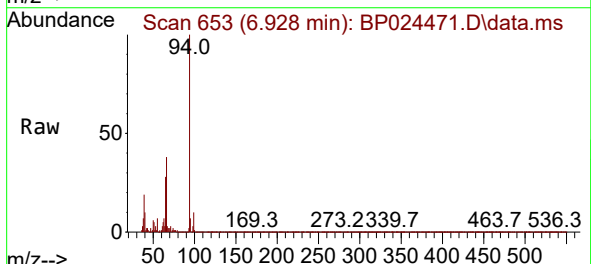
Instrument :
BNA_P
ClientSampleId :
PB167773BS

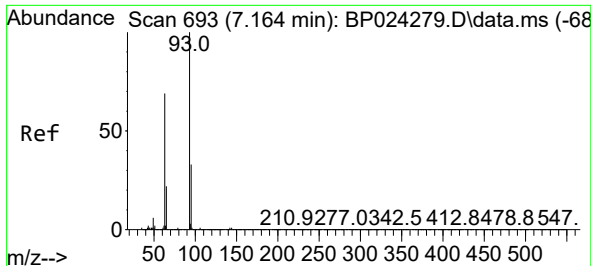
Tgt Ion: 77 Resp: 202594
Ion Ratio Lower Upper
77 100
105 99.8 79.2 119.2
106 97.5 76.2 116.2



#10
Phenol
Concen: 42.730 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 94 Resp: 536044
Ion Ratio Lower Upper
94 100
65 27.8 4.5 44.5
66 38.2 12.4 52.4

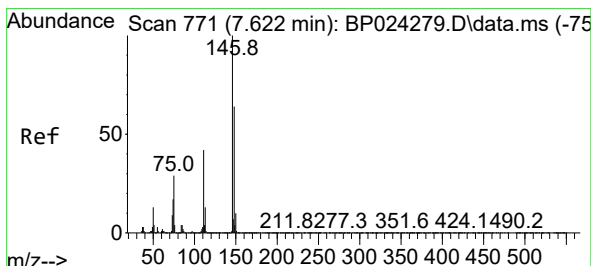
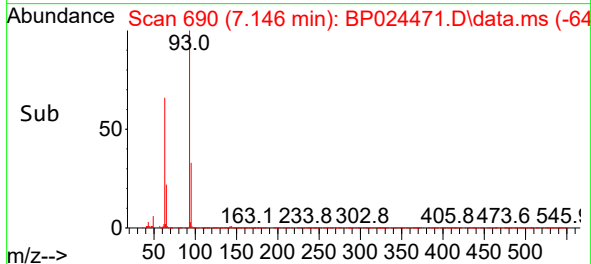
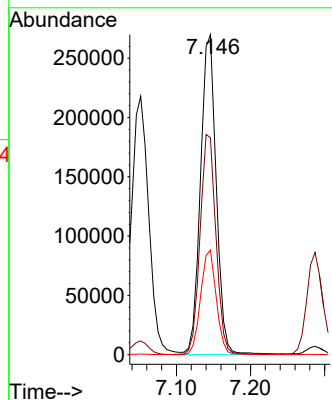
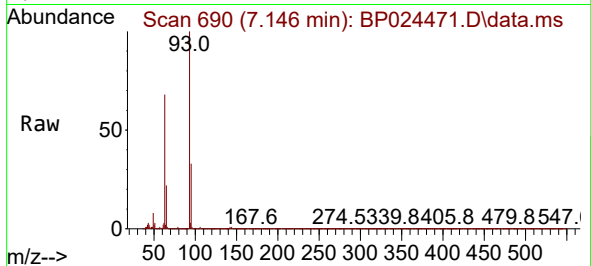




#11
bis(2-Chloroethyl)ether
Concen: 39.318 ng
RT: 7.146 min Scan# 693
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

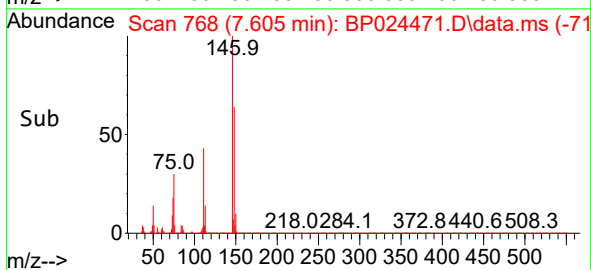
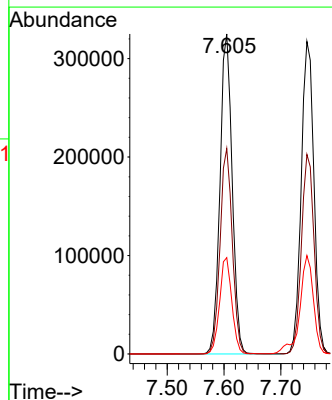
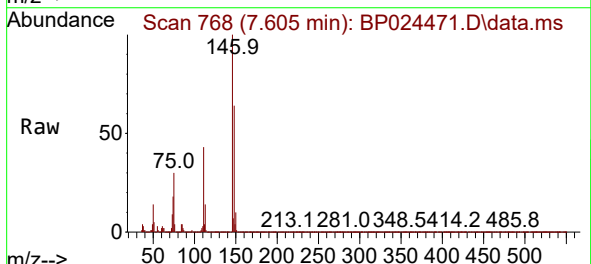
Instrument :
BNA_P
ClientSampleId :
PB167773BS

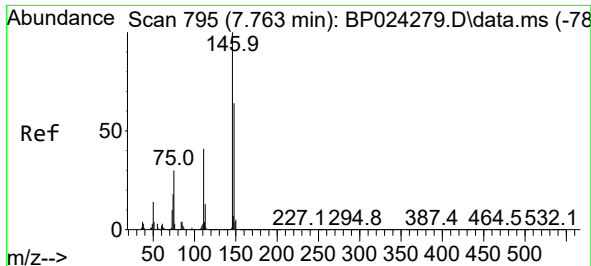
Tgt Ion: 93 Resp: 397403
Ion Ratio Lower Upper
93 100
63 67.8 48.6 88.6
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.092 ng
RT: 7.605 min Scan# 768
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 146 Resp: 484023
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 30.1 22.9 34.3

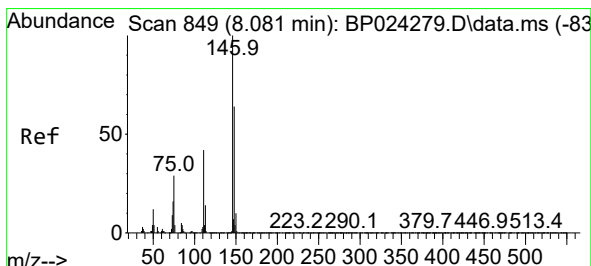
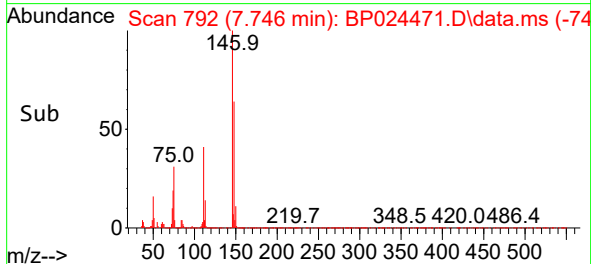
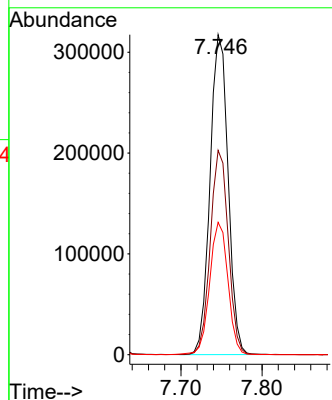
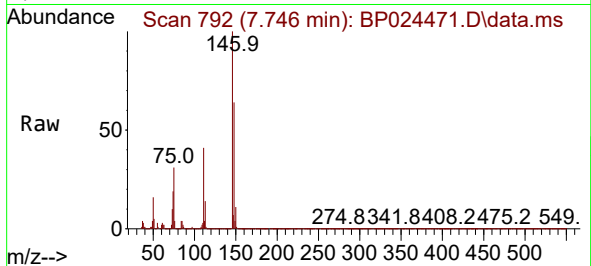




#13
1,4-Dichlorobenzene
Concen: 44.030 ng
RT: 7.746 min Scan# 795
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

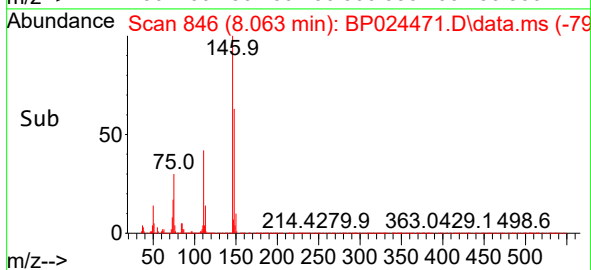
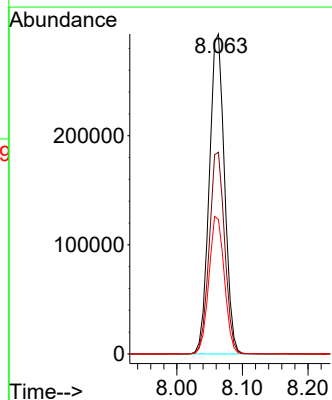
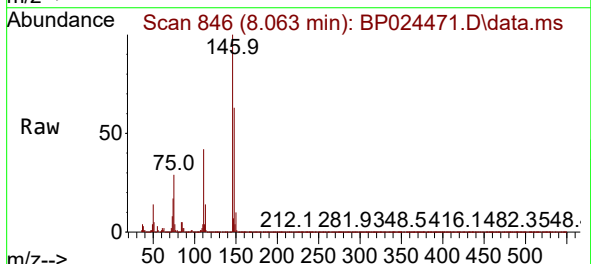
Instrument :
BNA_P
ClientSampleId :
PB167773BS

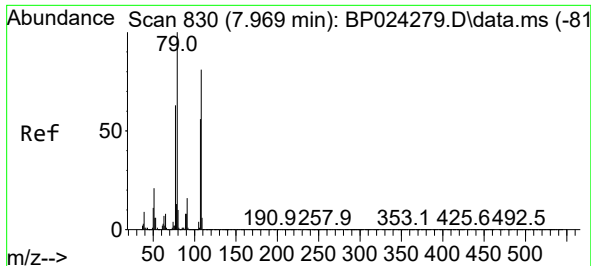
Tgt Ion:146 Resp: 490411
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 41.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.053 ng
RT: 8.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:146 Resp: 473792
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
111 42.0 33.8 50.8

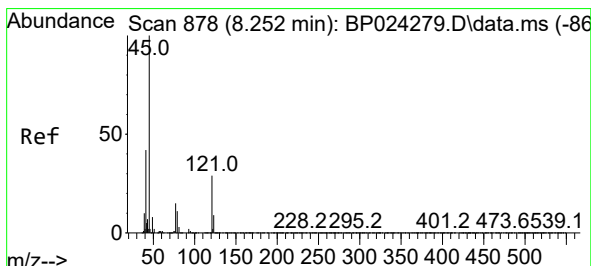
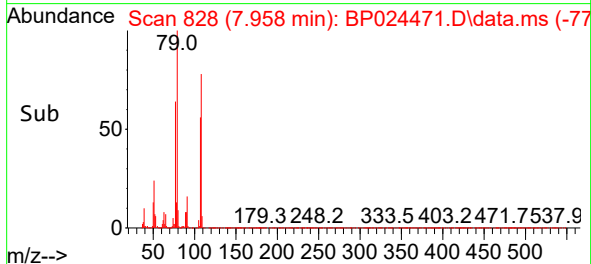
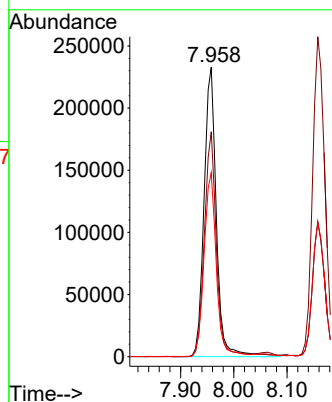
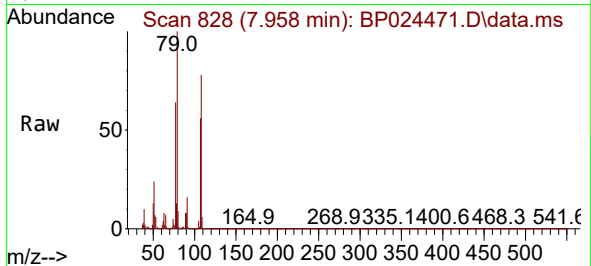




#15
Benzyl Alcohol
Concen: 46.142 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

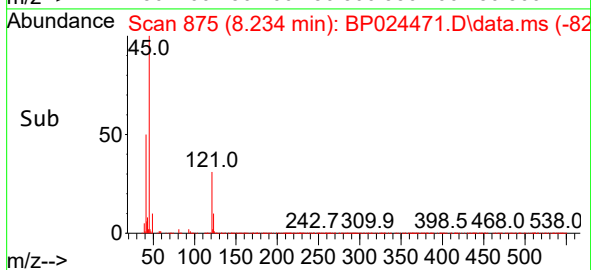
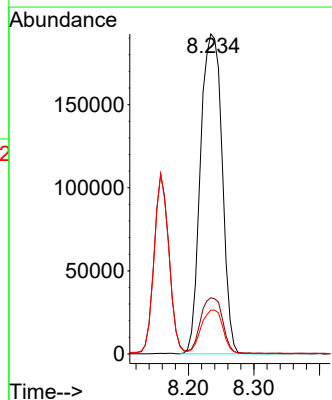
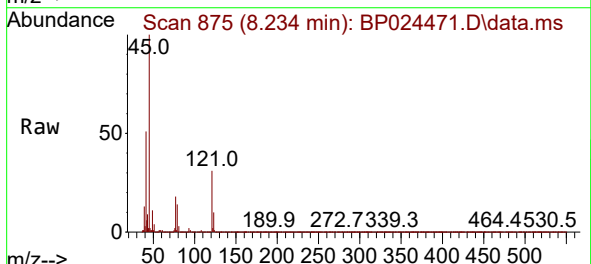
Instrument :
BNA_P
ClientSampleId :
PB167773BS

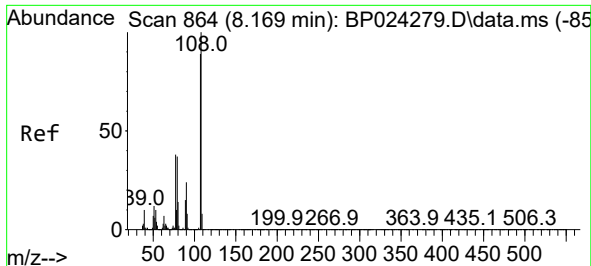
Tgt Ion: 79 Resp: 373164
Ion Ratio Lower Upper
79 100
108 77.8 65.1 97.7
77 63.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.273 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 45 Resp: 439994
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.7 0.0 33.5

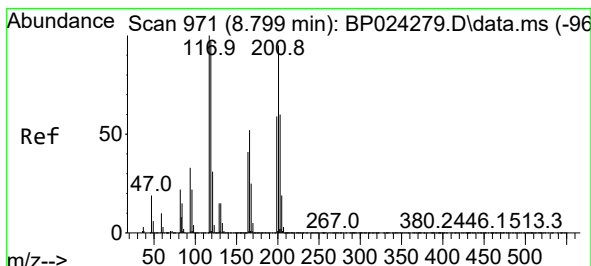
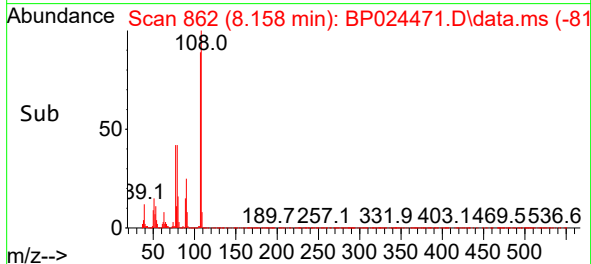
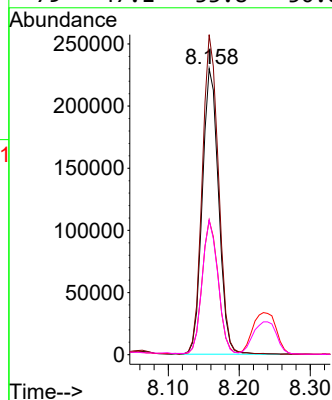
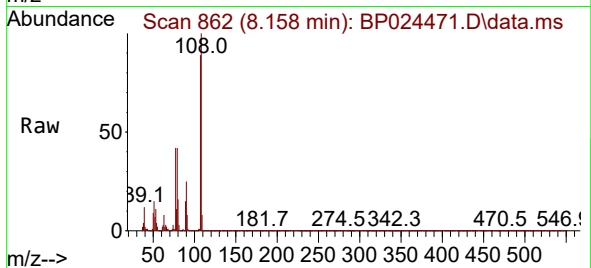




#17
2-Methylphenol
Concen: 45.223 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

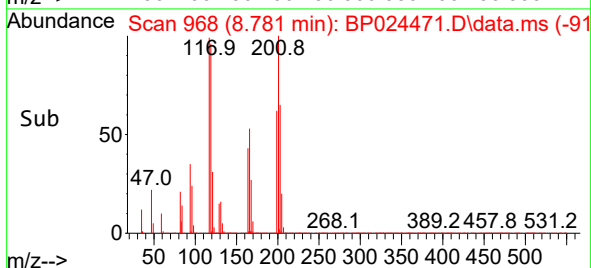
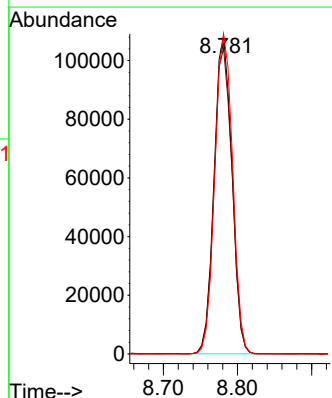
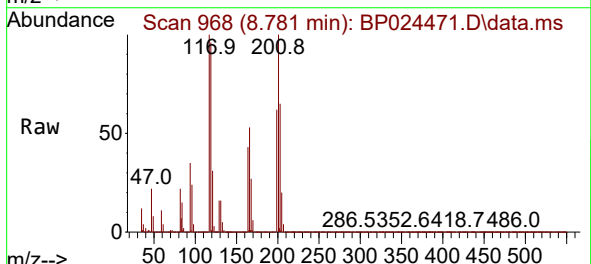
Instrument :
BNA_P
ClientSampleId :
PB167773BS

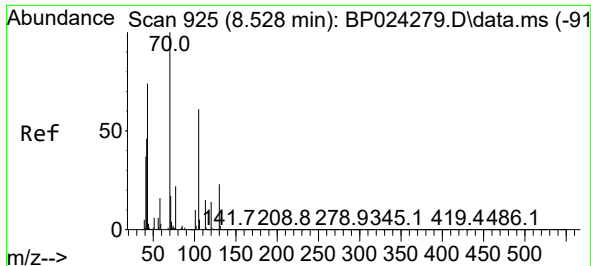
Tgt Ion:107 Resp: 367000
Ion Ratio Lower Upper
107 100
108 111.9 89.8 134.6
77 47.0 34.2 51.4
79 47.1 33.8 50.8



#18
Hexachloroethane
Concen: 45.021 ng
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:117 Resp: 181219
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
201 100.5 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.067 ng

RT: 8.510 min Scan# 918

Delta R.T. -0.012 min

Lab File: BP024471.D

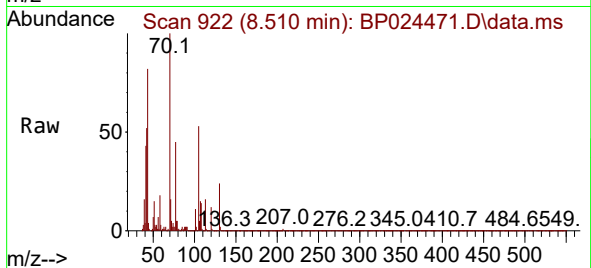
Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS



Tgt Ion: 70 Resp: 294509

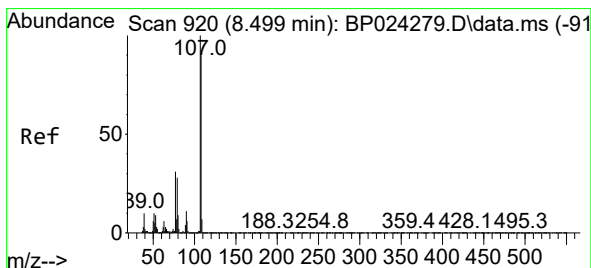
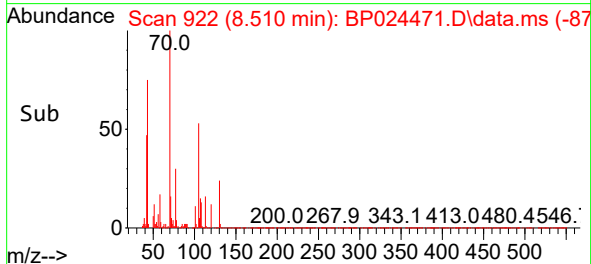
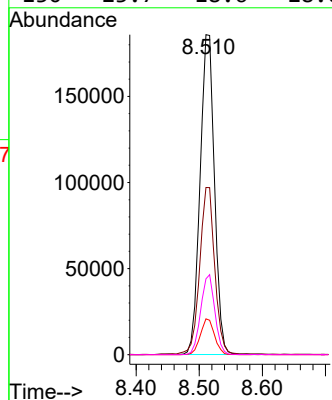
Ion Ratio Lower Upper

70 100

42 52.2 37.3 55.9

101 11.2 8.2 12.4

130 23.7 18.6 28.0



#20

3+4-Methylphenols

Concen: 44.511 ng

RT: 8.487 min Scan# 918

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Tgt Ion: 107 Resp: 501204

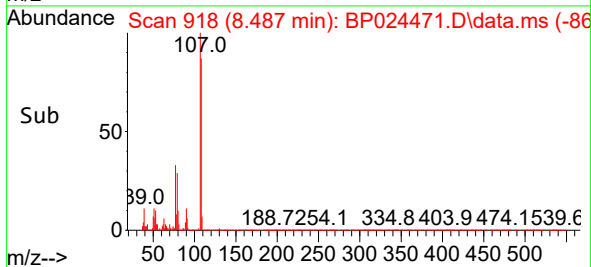
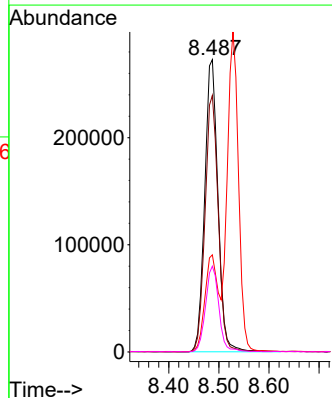
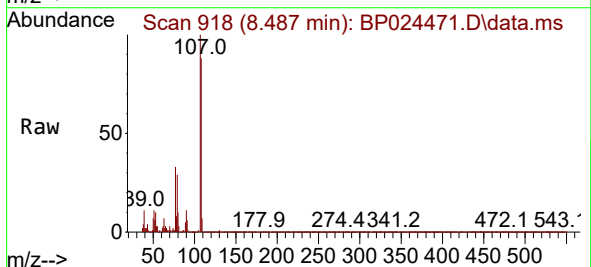
Ion Ratio Lower Upper

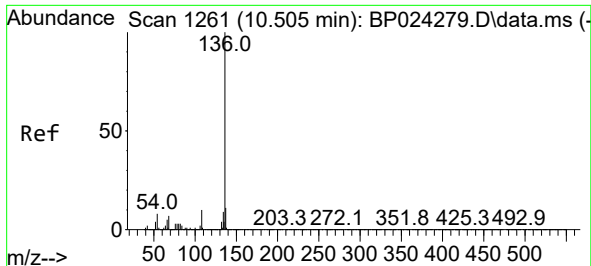
107 100

108 87.8 69.8 109.8

77 33.2 11.5 51.5

79 29.3 7.8 47.8

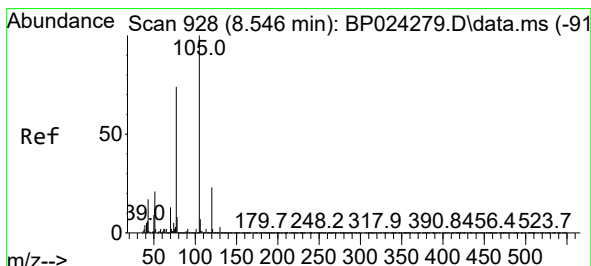
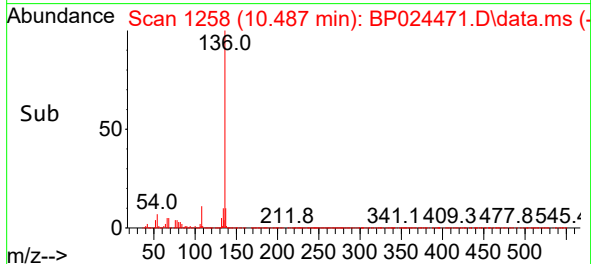
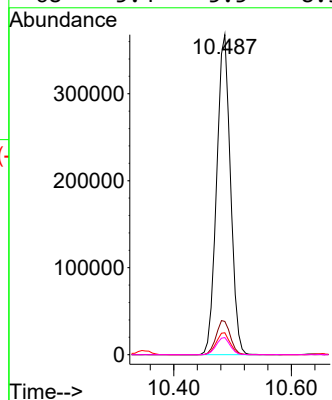
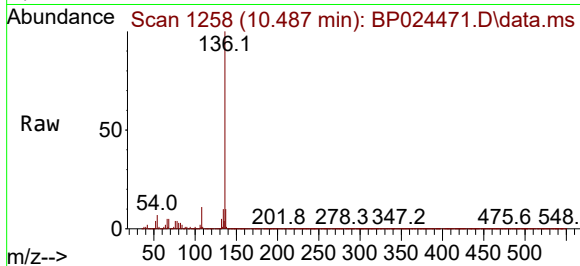




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

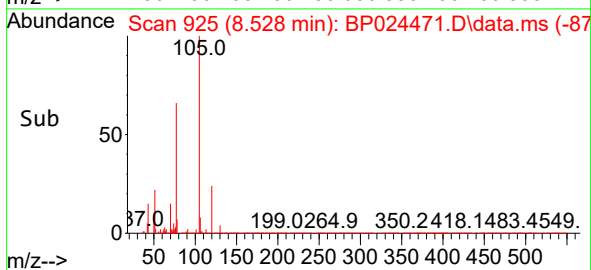
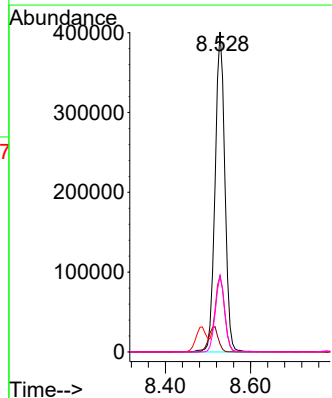
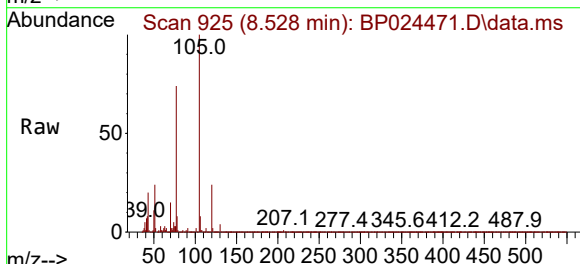
Instrument :
BNA_P
ClientSampleId :
PB167773BS

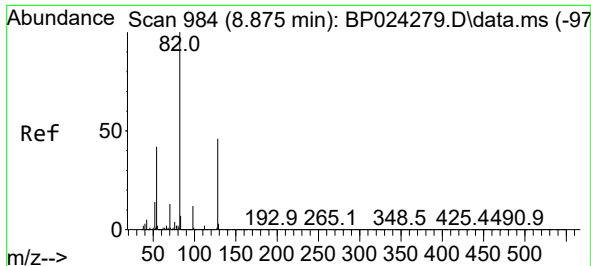
Tgt Ion:136 Resp: 599789
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 6.8 6.0 9.0
68 5.4 5.5 8.3#



#22
Acetophenone
Concen: 42.934 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:105 Resp: 637359
Ion Ratio Lower Upper
105 100
71 2.5 1.7 2.5
51 23.9 16.9 25.3
120 23.8 18.6 28.0

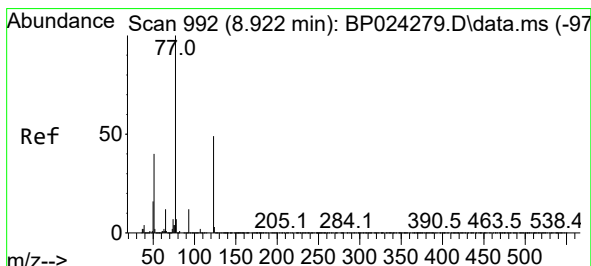
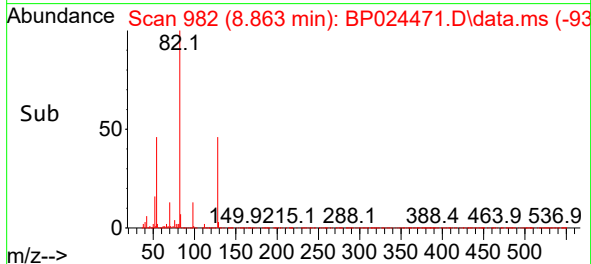
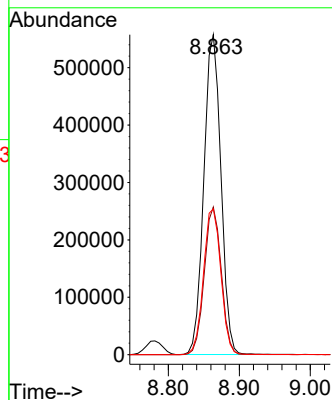
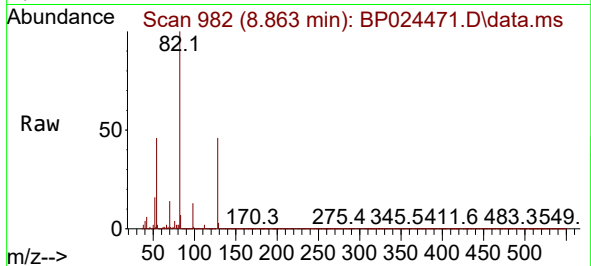




#23
Nitrobenzene-d5
Concen: 88.842 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

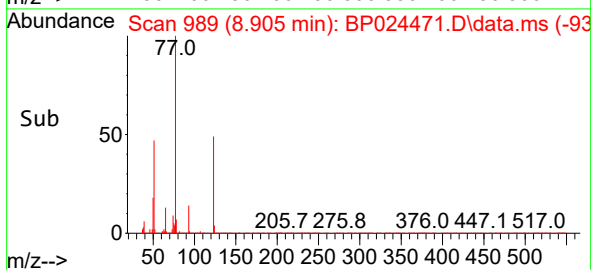
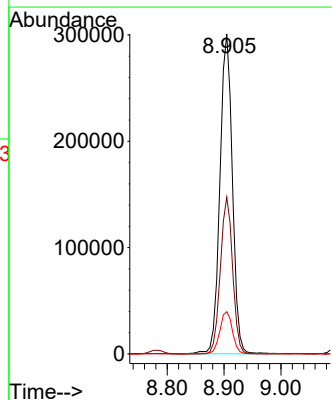
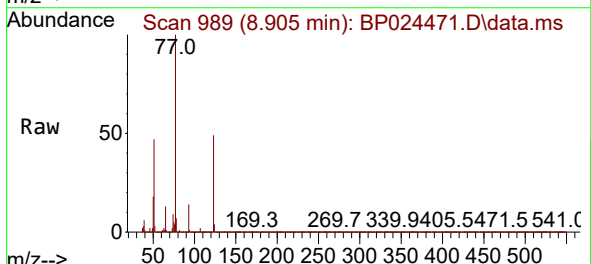
Instrument :
BNA_P
ClientSampleId :
PB167773BS

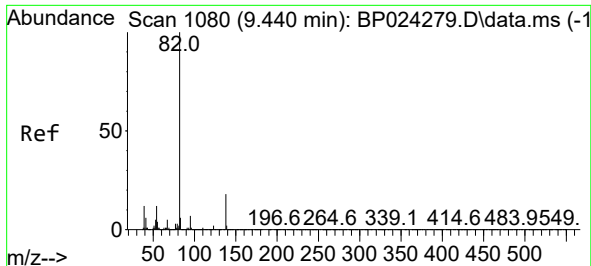
Tgt Ion: 82 Resp: 934502
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 45.5 33.4 50.2



#24
Nitrobenzene
Concen: 44.012 ng
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 77 Resp: 457978
Ion Ratio Lower Upper
77 100
123 49.0 39.2 58.8
65 13.2 9.8 14.6

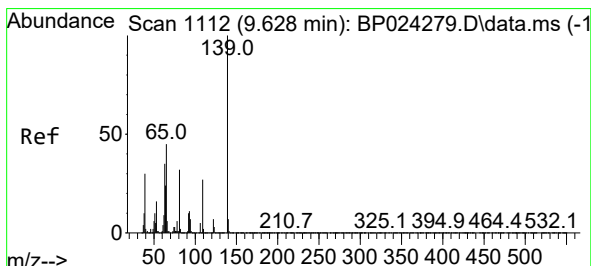
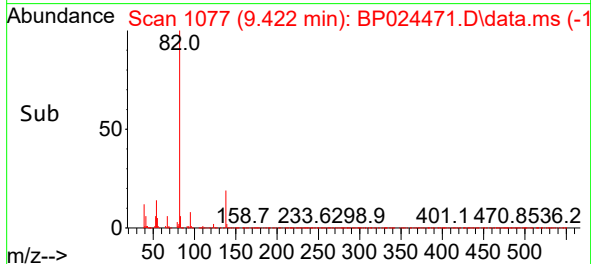
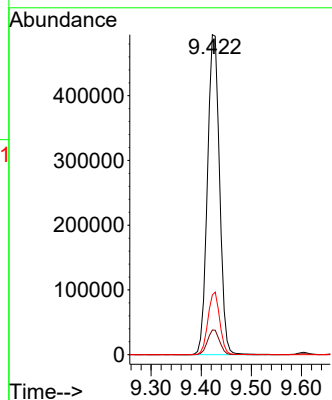
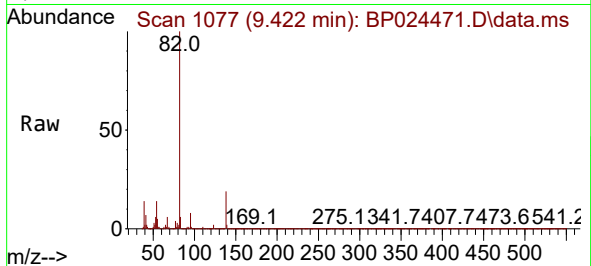




#25
Isophorone
Concen: 43.600 ng
RT: 9.422 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

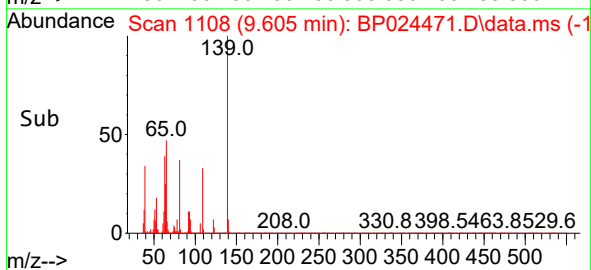
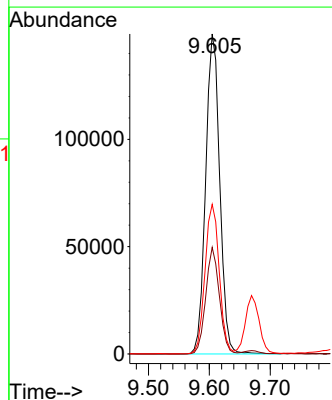
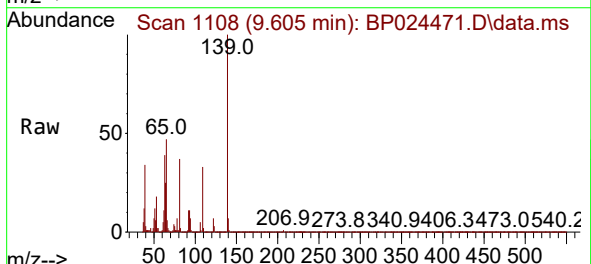
Instrument :
BNA_P
ClientSampleId :
PB167773BS

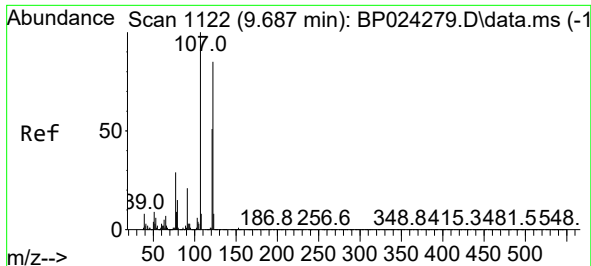
Tgt Ion: 82 Resp: 830127
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 18.7 14.4 21.6



#26
2-Nitrophenol
Concen: 47.073 ng
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:139 Resp: 239708
Ion Ratio Lower Upper
139 100
109 33.3 21.8 32.6#
65 46.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 64.842 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

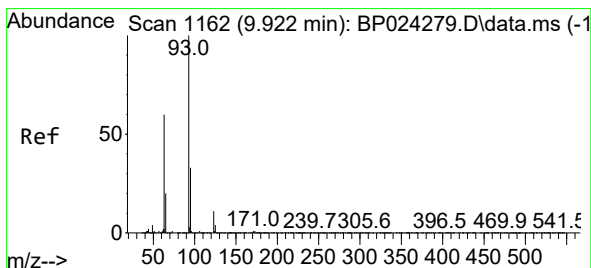
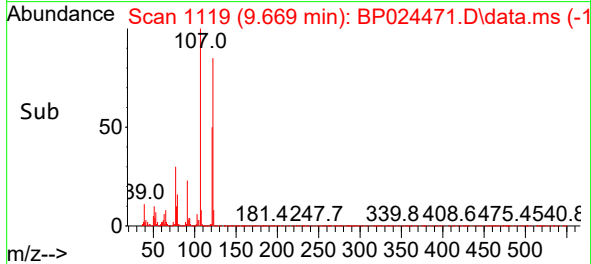
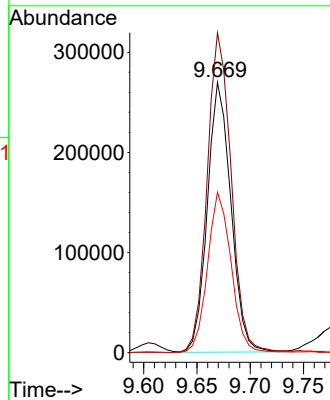
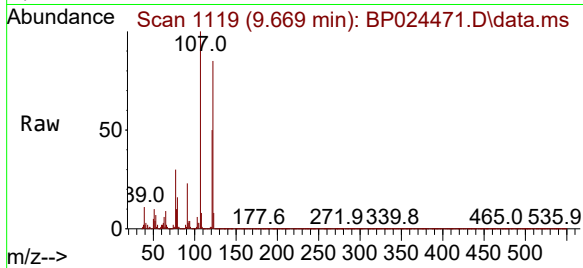
Tgt Ion:122 Resp: 414602

Ion Ratio Lower Upper

122 100

107 118.3 93.7 140.5

121 59.4 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.756 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

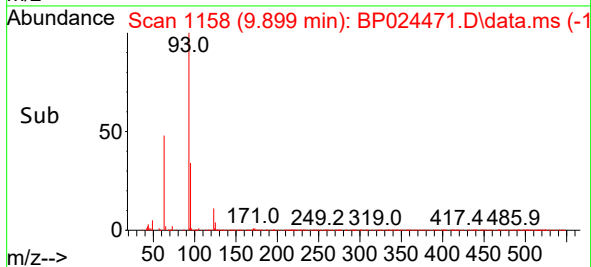
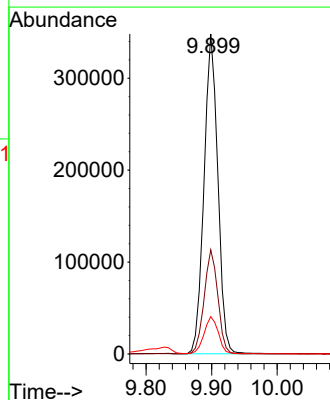
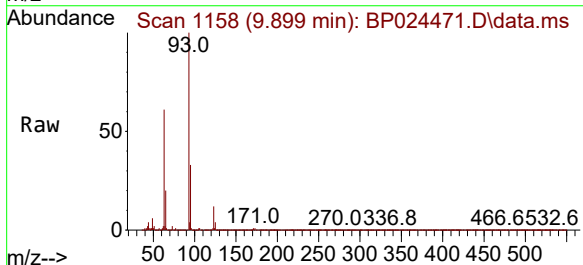
Tgt Ion: 93 Resp: 511340

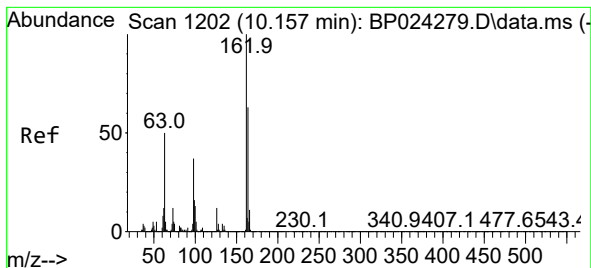
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.6 9.1 13.7

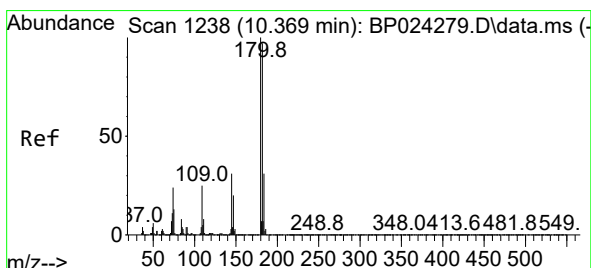
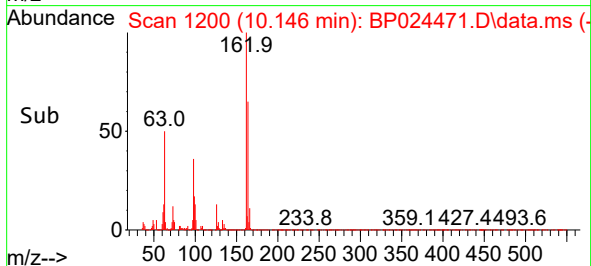
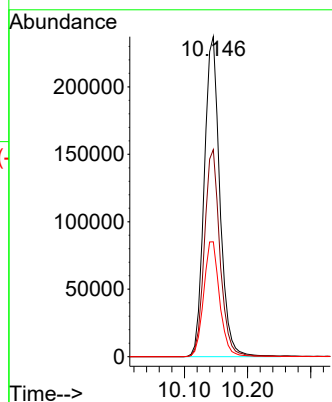
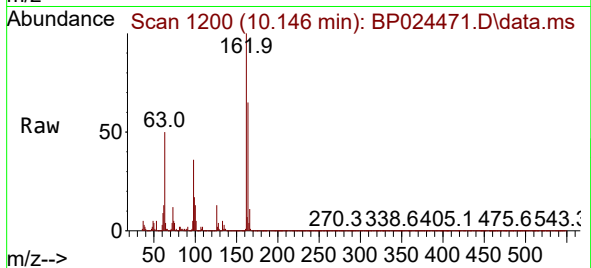




#29
2,4-Dichlorophenol
Concen: 46.844 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

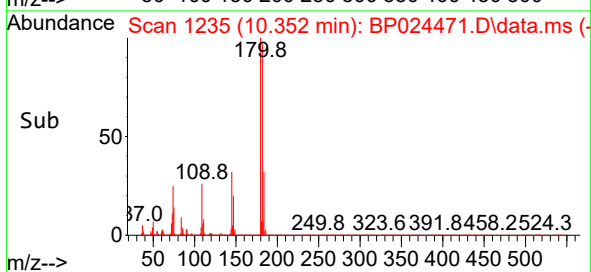
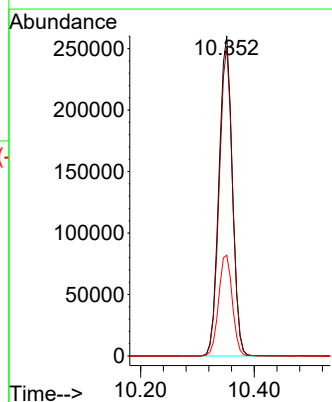
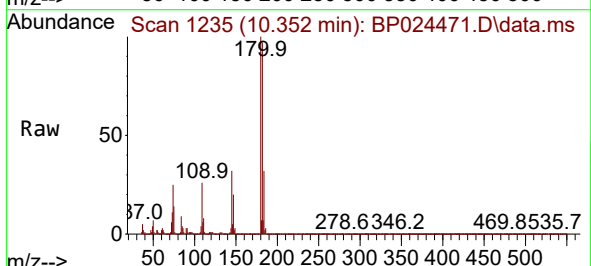
Instrument :
BNA_P
ClientSampleId :
PB167773BS

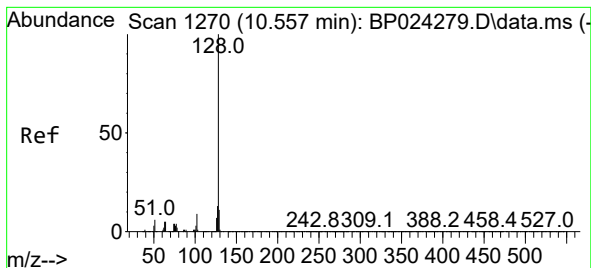
Tgt Ion:162 Resp: 408392
Ion Ratio Lower Upper
162 100
164 64.7 43.3 83.3
98 35.9 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.492 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:180 Resp: 424931
Ion Ratio Lower Upper
180 100
182 96.8 77.3 115.9
145 31.5 25.1 37.7

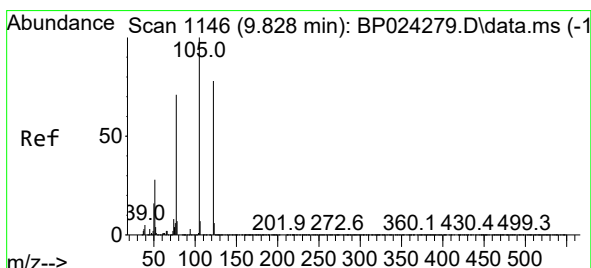
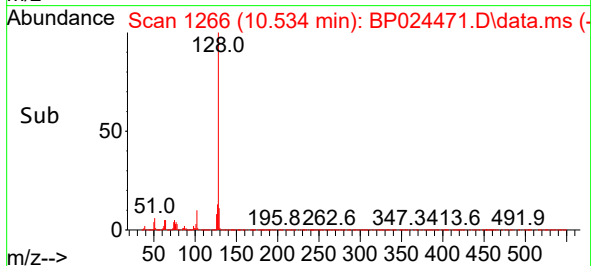
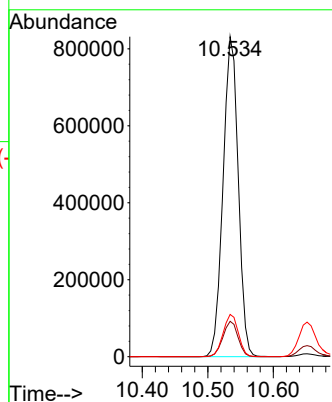
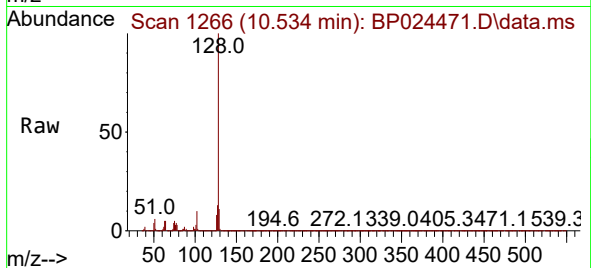




#31
Naphthalene
Concen: 42.125 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

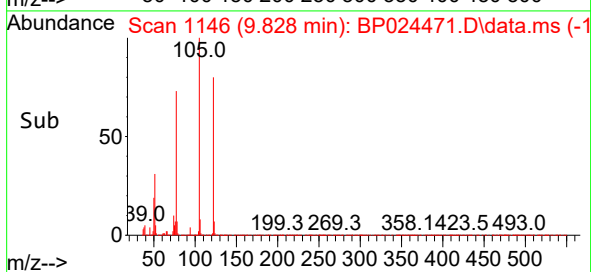
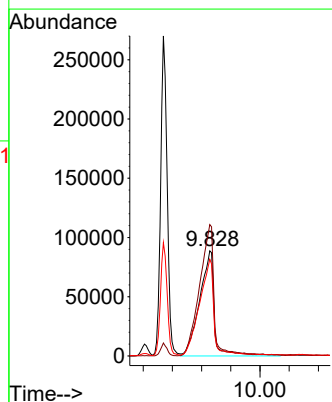
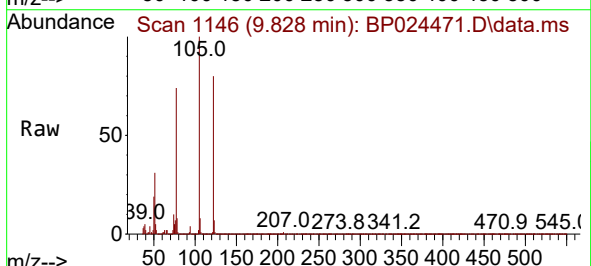
Instrument :
BNA_P
ClientSampleId :
PB167773BS

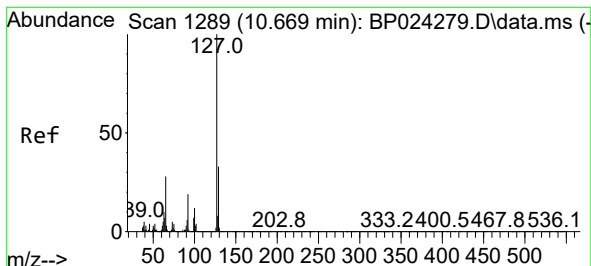
Tgt Ion:128 Resp: 1330924
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 41.902 ng m
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:122 Resp: 312186
Ion Ratio Lower Upper
122 100
105 124.9 104.8 144.8
77 92.0 69.2 109.2

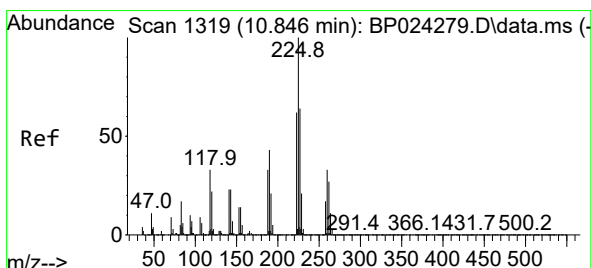
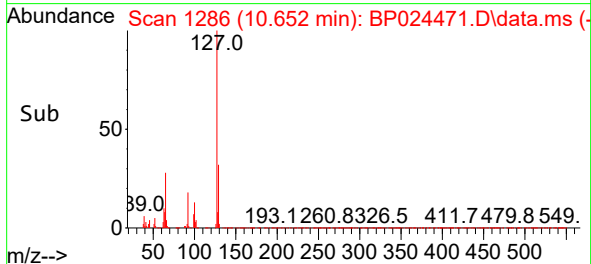
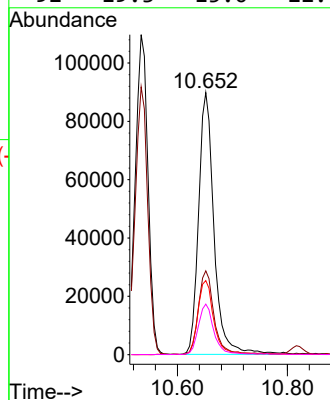
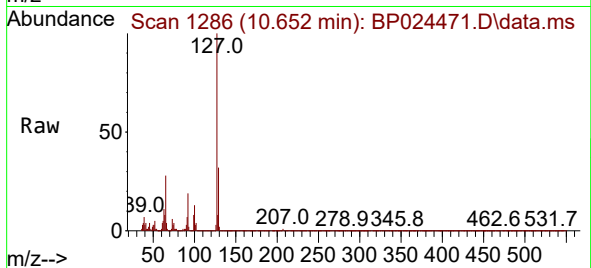




#33
4-Chloroaniline
Concen: 15.675 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

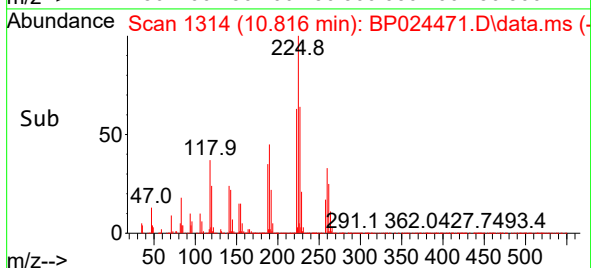
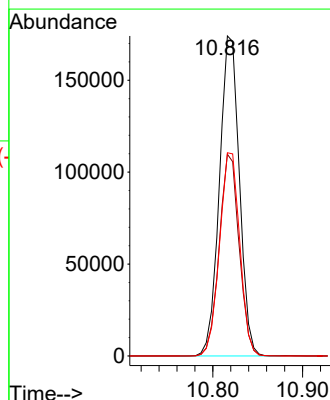
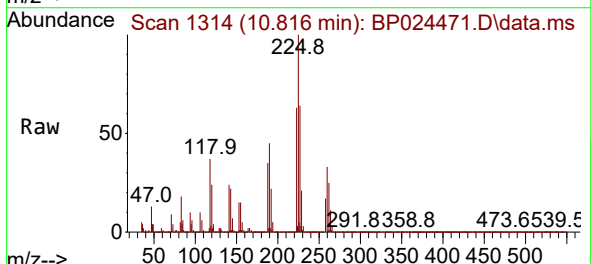
Instrument :
BNA_P
ClientSampleId :
PB167773BS

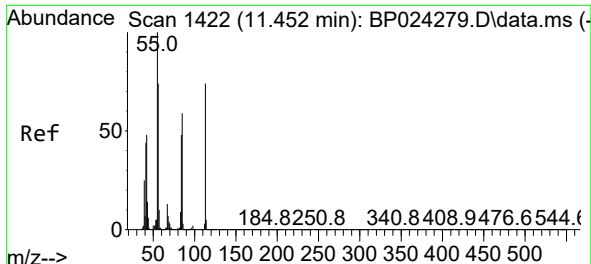
Tgt Ion:	127	Resp:	174409
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	28.3	22.1	33.1
92	19.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.959 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:	225	Resp:	268733
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	63.5	50.9	76.3

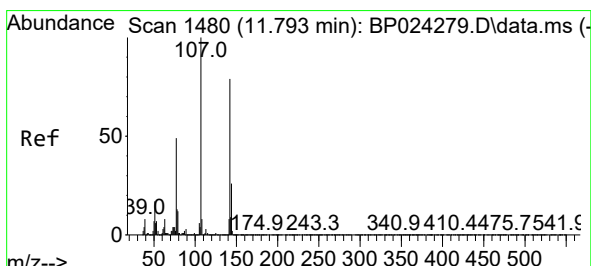
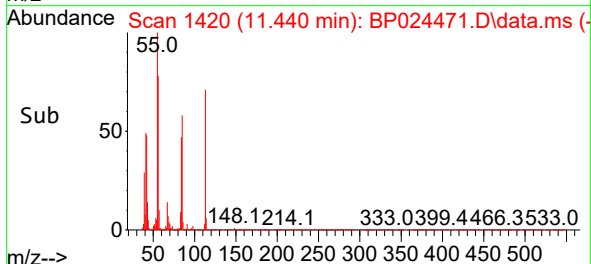
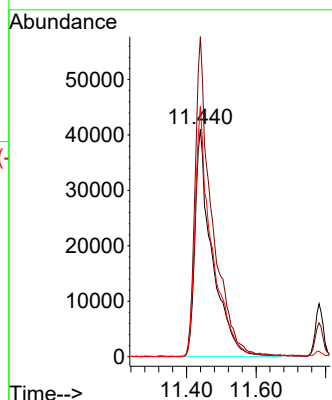
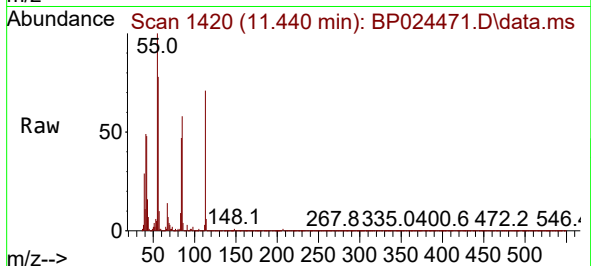




#35
Caprolactam
Concen: 43.069 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

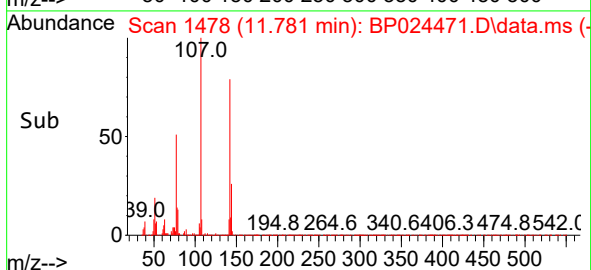
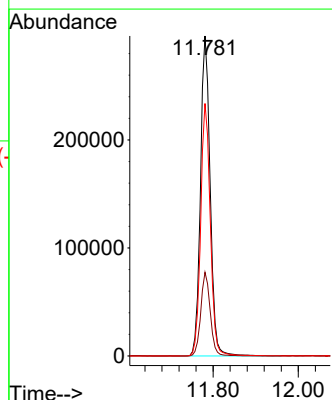
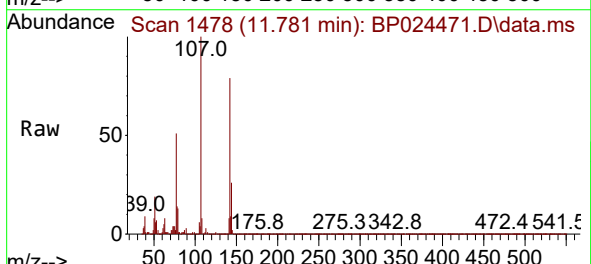
Instrument :
BNA_P
ClientSampleId :
PB167773BS

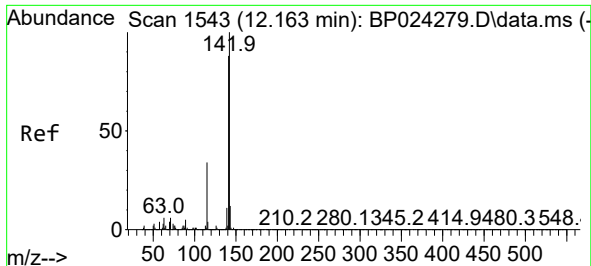
Tgt Ion:113 Resp: 138547
Ion Ratio Lower Upper
113 100
55 140.6 115.9 155.9
56 110.1 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 46.055 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:107 Resp: 467670
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 78.9 63.4 95.2

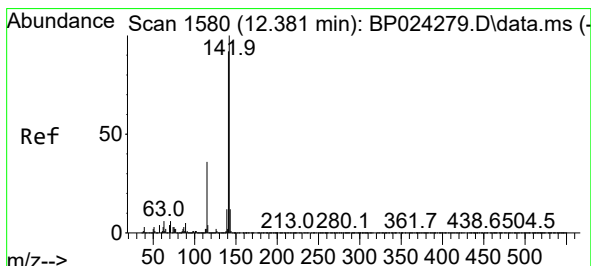
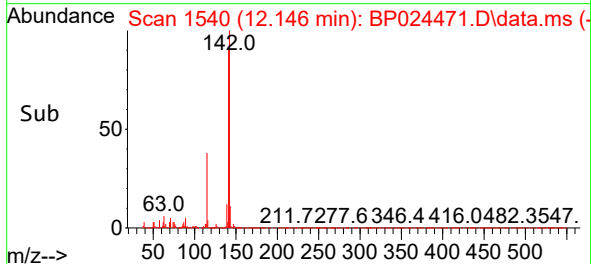
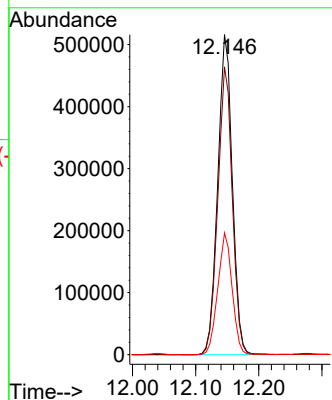
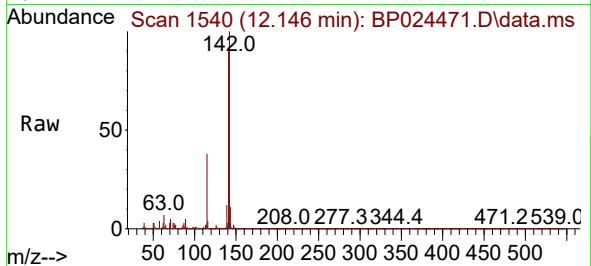




#37
2-Methylnaphthalene
Concen: 37.835 ng
RT: 12.146 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

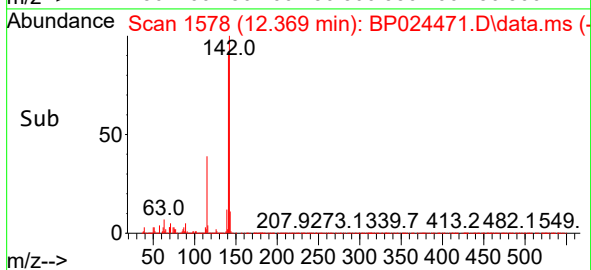
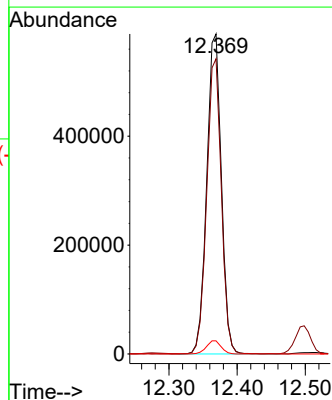
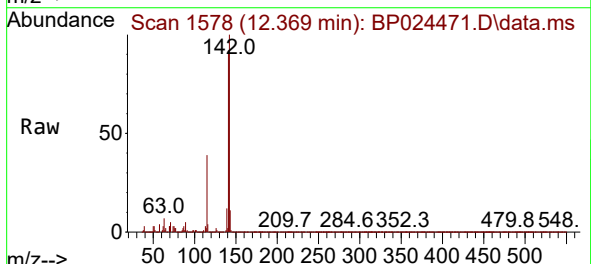
Instrument :
BNA_P
ClientSampleId :
PB167773BS

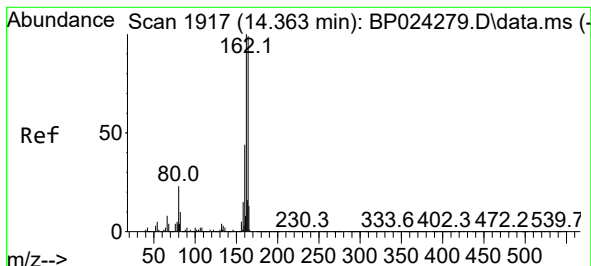
Tgt Ion:142 Resp: 829023
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5
115 38.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.816 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:142 Resp: 874901
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

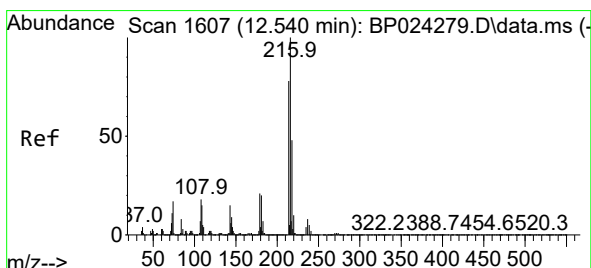
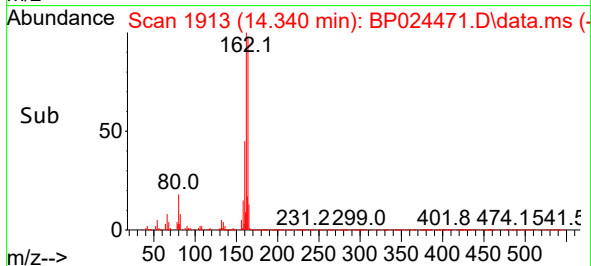
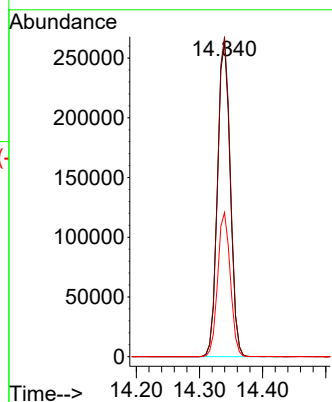
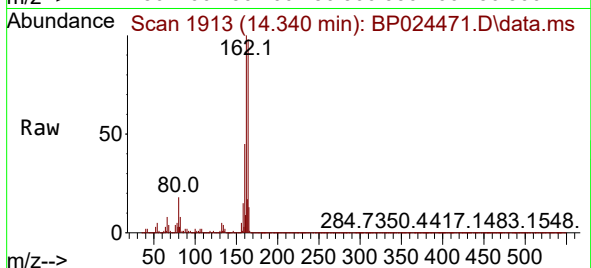
Tgt Ion:164 Resp: 369496

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 45.8 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.854 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Tgt Ion:216 Resp: 465934

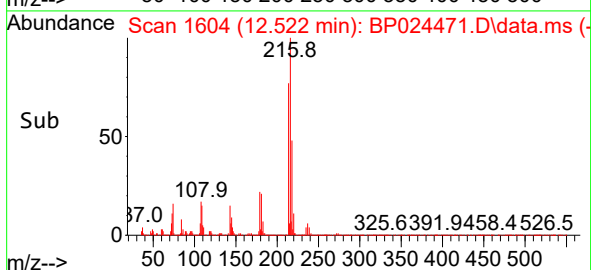
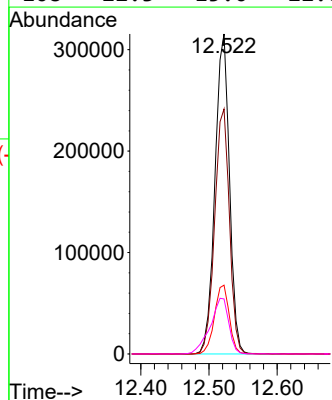
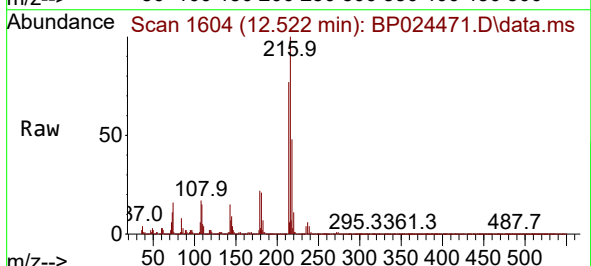
Ion Ratio Lower Upper

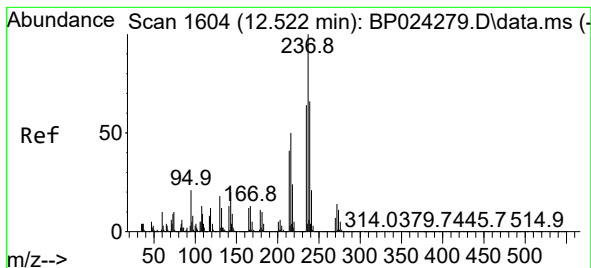
216 100

214 78.1 62.6 93.8

179 22.0 17.2 25.8

108 22.3 15.0 22.6

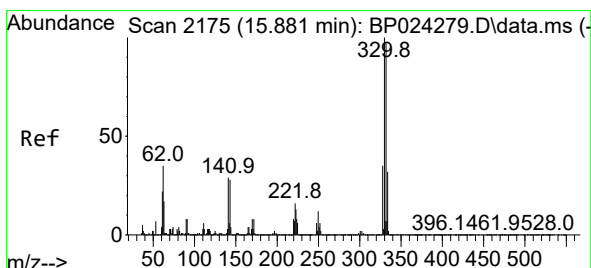
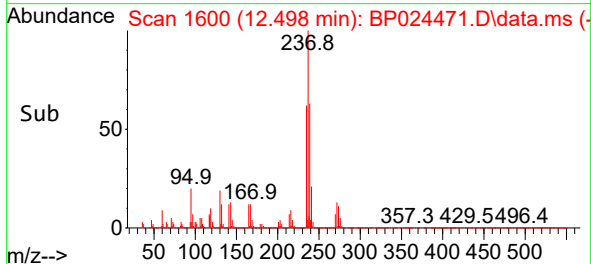
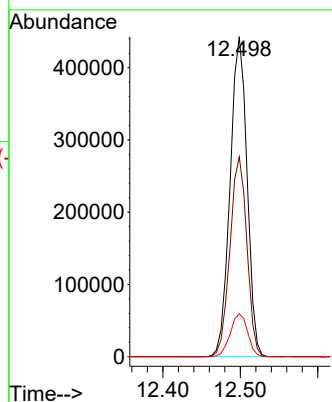
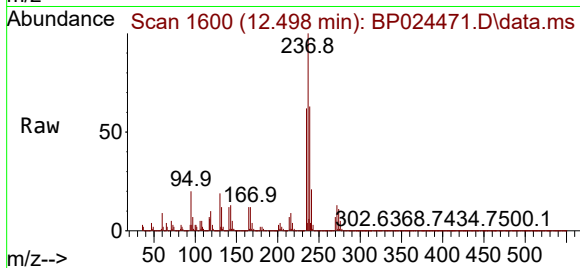




#41
Hexachlorocyclopentadiene
Concen: 187.719 ng
RT: 12.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

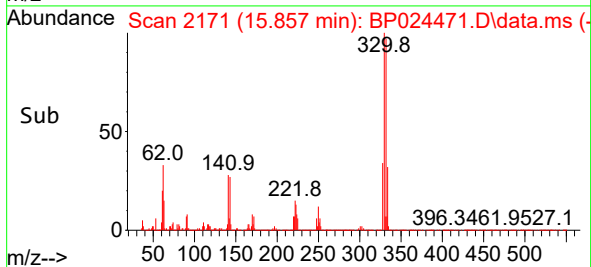
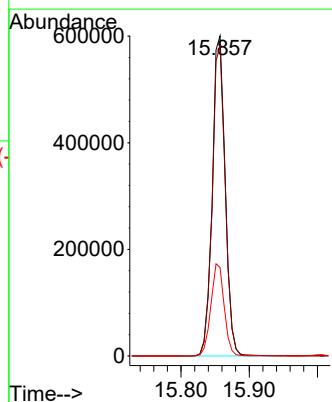
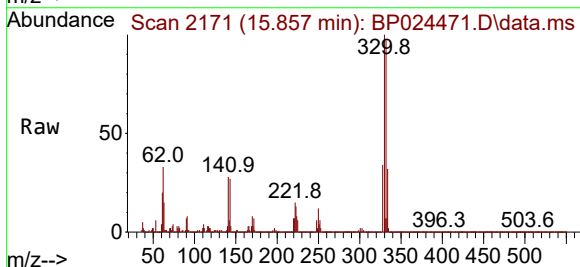
Instrument :
BNA_P
ClientSampleId :
PB167773BS

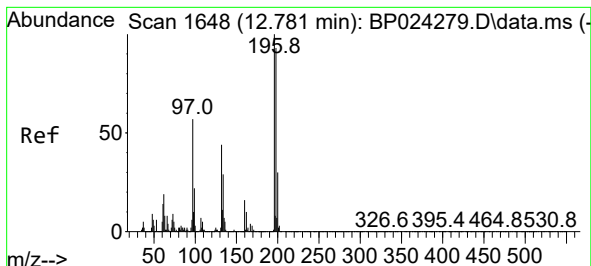
Tgt Ion:237 Resp: 674615
Ion Ratio Lower Upper
237 100
235 62.5 43.9 83.9
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 155.005 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:330 Resp: 792411
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.695 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

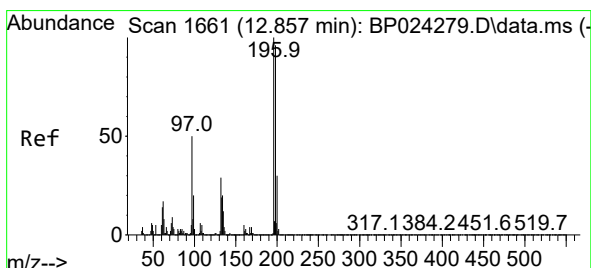
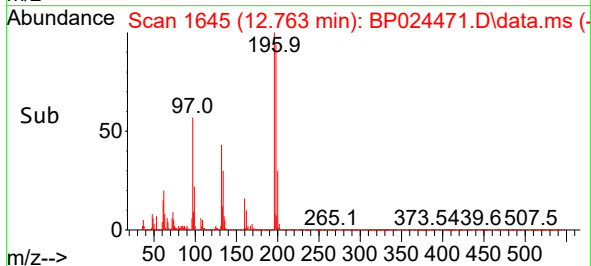
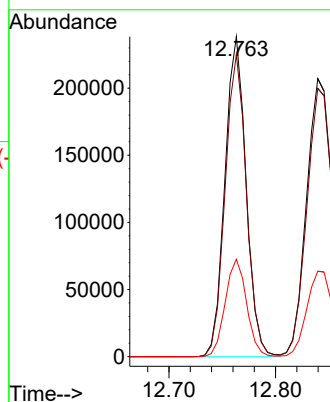
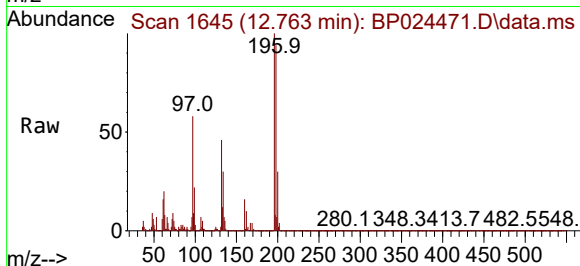
Tgt Ion:196 Resp: 328972

Ion Ratio Lower Upper

196 100

198 94.4 74.3 111.5

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.385 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.018 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Tgt Ion:196 Resp: 361972

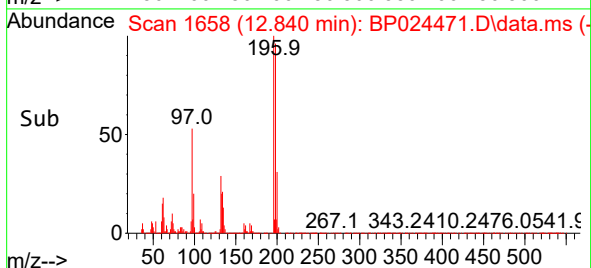
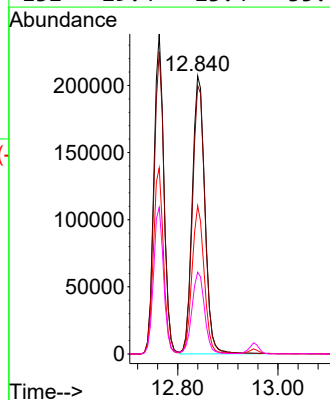
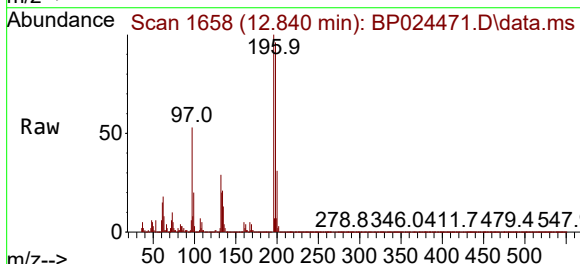
Ion Ratio Lower Upper

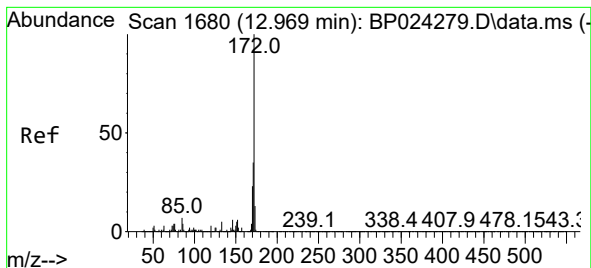
196 100

198 96.5 77.3 115.9

97 53.3 40.4 60.6

132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 87.532 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

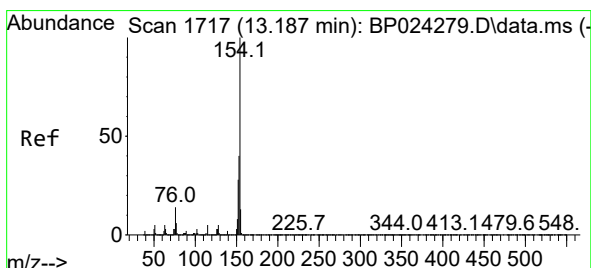
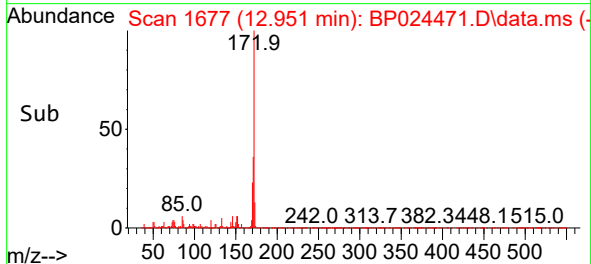
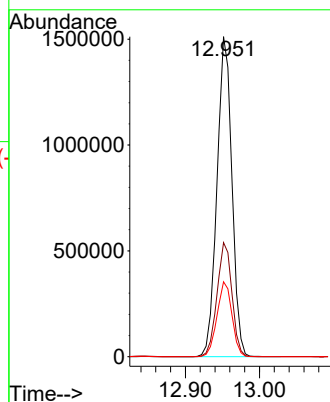
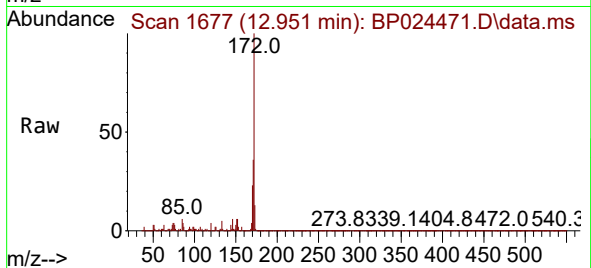
Tgt Ion:172 Resp: 2112381

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 42.927 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

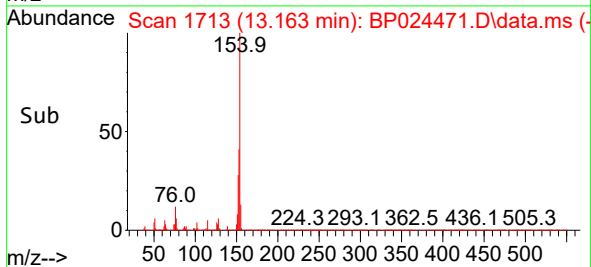
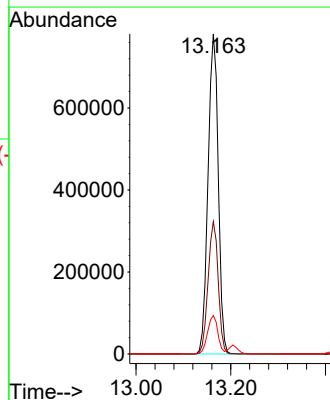
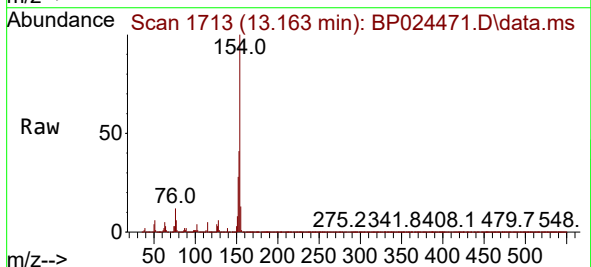
Tgt Ion:154 Resp: 1165902

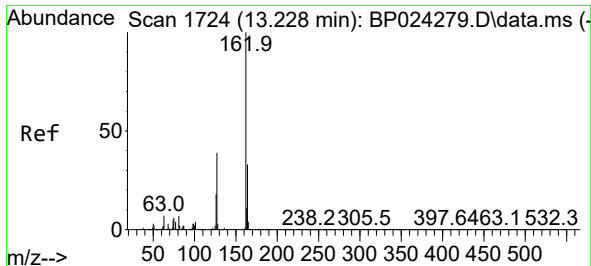
Ion Ratio Lower Upper

154 100

153 41.4 20.3 60.3

76 12.0 0.0 33.5

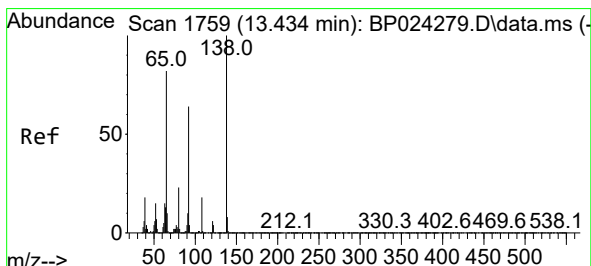
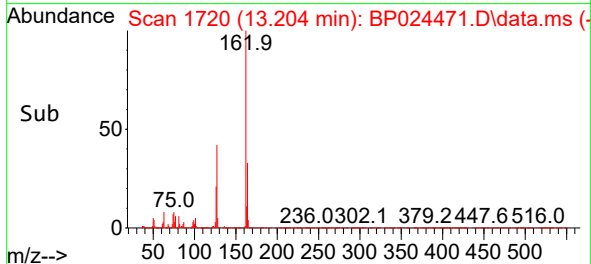
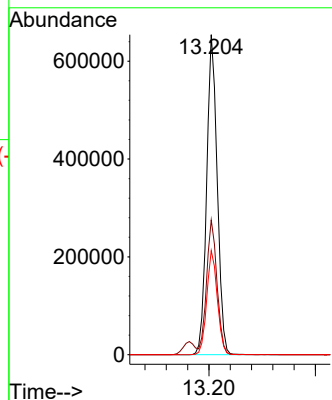
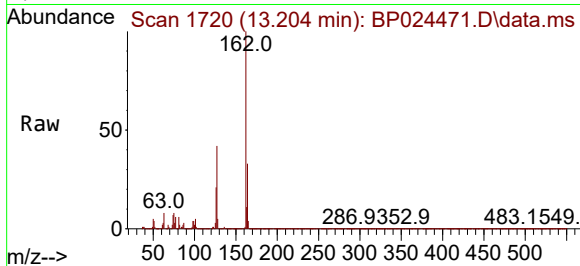




#47
2-Chloronaphthalene
Concen: 44.380 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

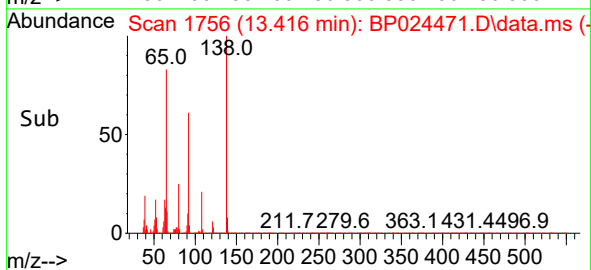
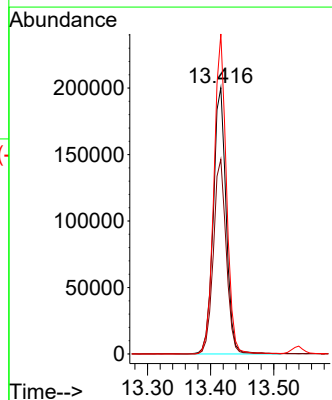
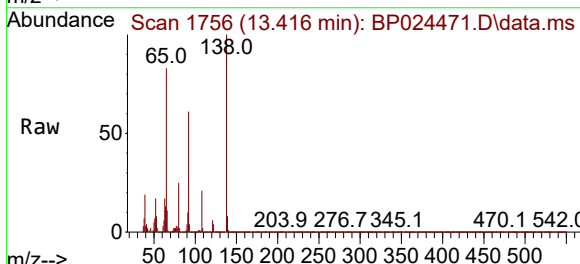
Instrument :
BNA_P
ClientSampleId :
PB167773BS

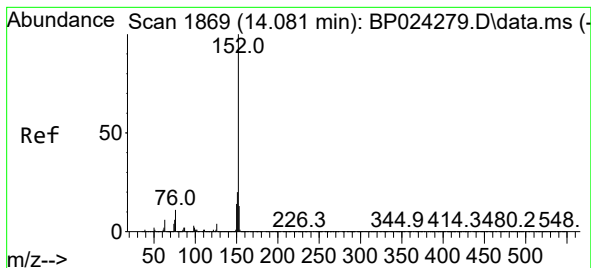
Tgt Ion:162 Resp: 900870
Ion Ratio Lower Upper
162 100
127 42.1 31.9 47.9
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 49.572 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 65 Resp: 282261
Ion Ratio Lower Upper
65 100
92 73.1 62.3 93.5
138 120.2 97.2 145.8





#49

Acenaphthylene

Concen: 47.021 ng

RT: 14.057 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

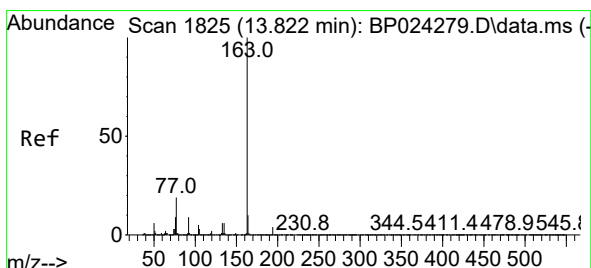
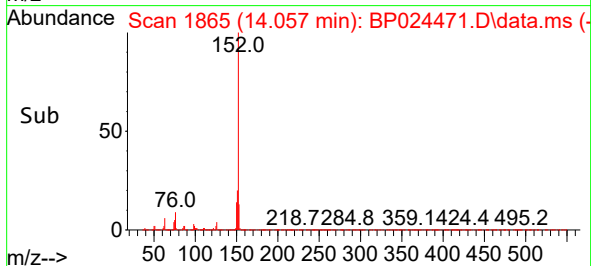
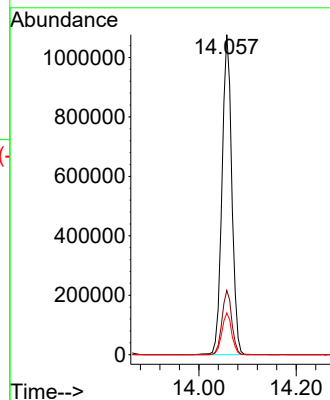
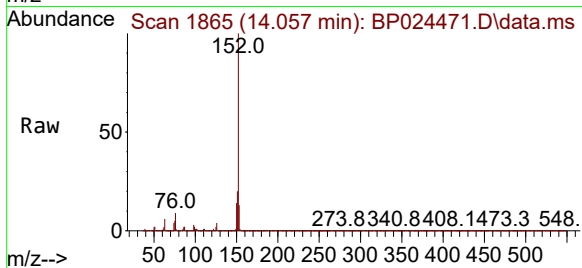
Tgt Ion:152 Resp: 1502755

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 44.258 ng

RT: 13.798 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

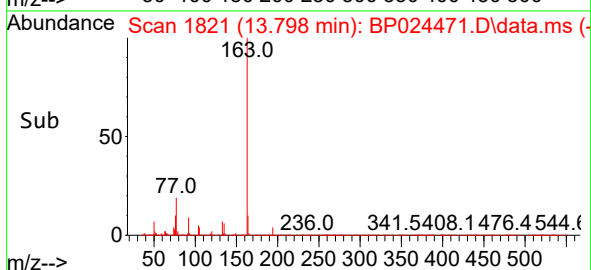
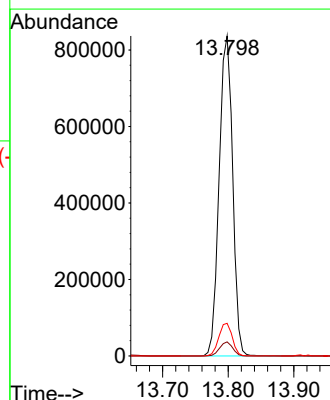
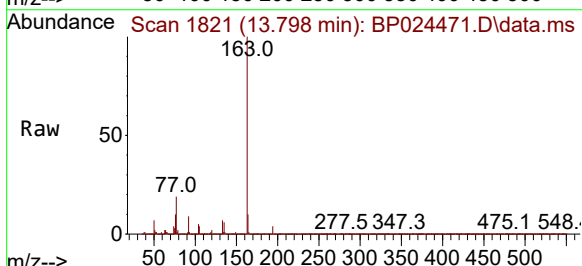
Tgt Ion:163 Resp: 1189235

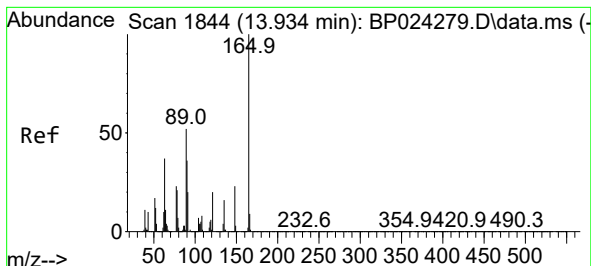
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.2 8.0 12.0

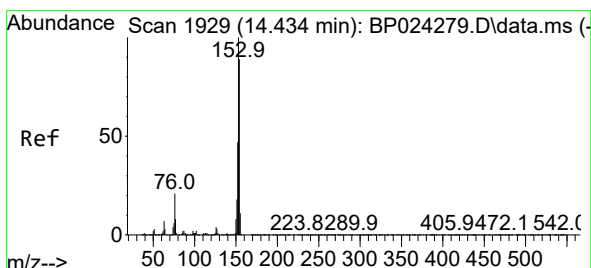
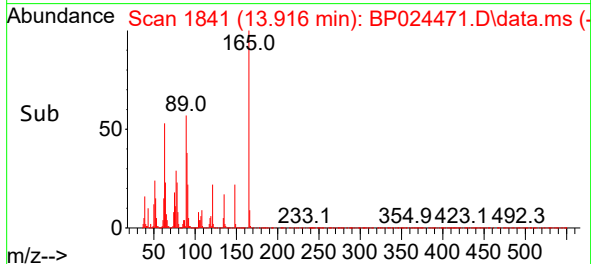
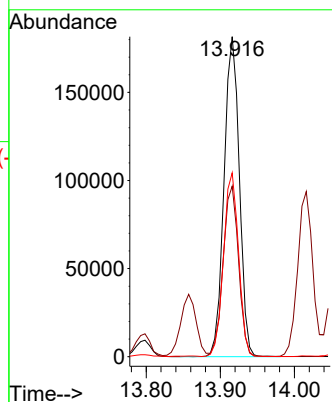
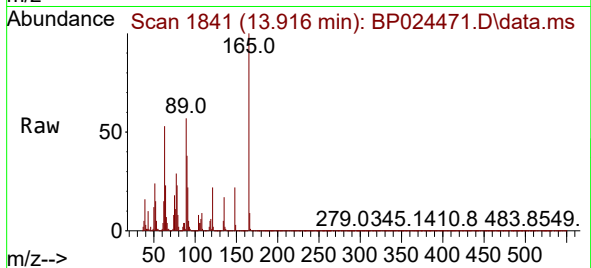




#51
2,6-Dinitrotoluene
Concen: 45.594 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

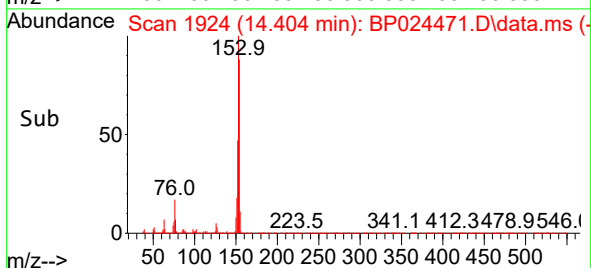
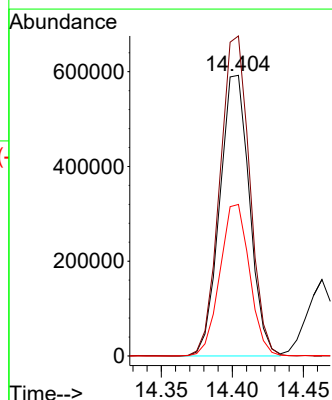
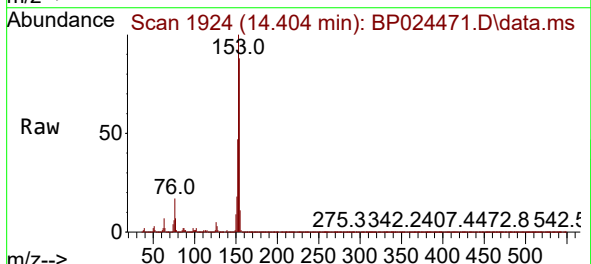
Instrument :
BNA_P
ClientSampleId :
PB167773BS

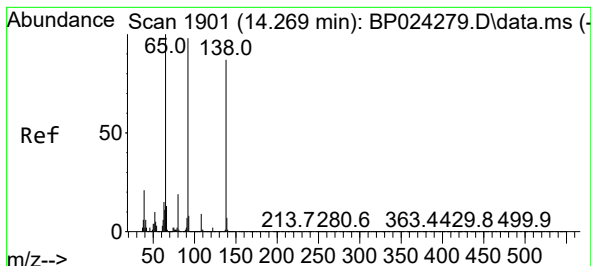
Tgt Ion:165 Resp: 260152
Ion Ratio Lower Upper
165 100
63 53.3 38.0 57.0
89 57.4 41.7 62.5



#52
Acenaphthene
Concen: 42.633 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:154 Resp: 863801
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 54.0 42.6 63.8

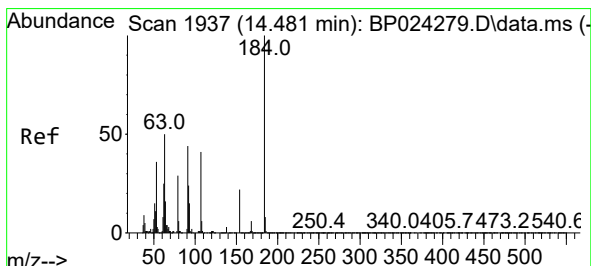
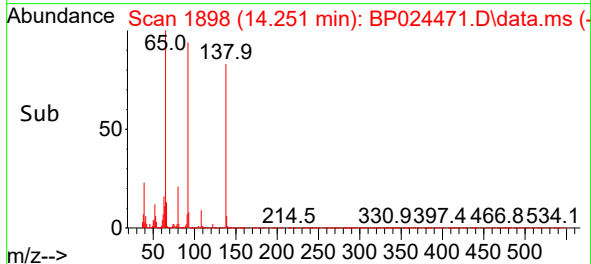
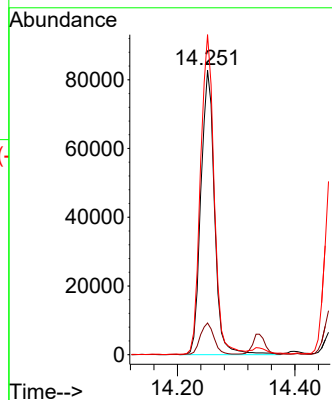
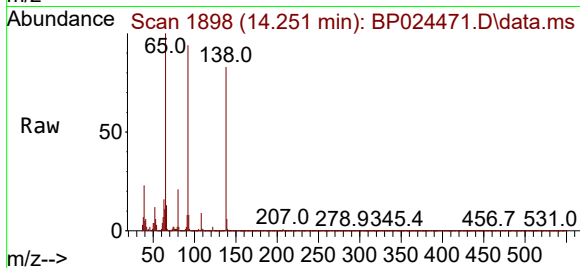




#53
3-Nitroaniline
Concen: 22.267 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

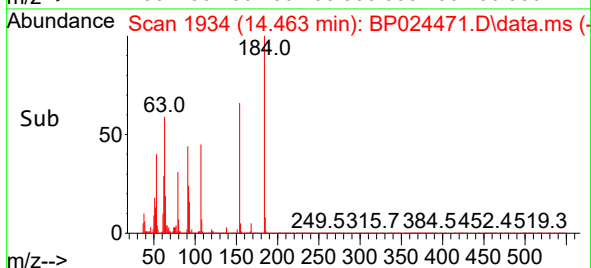
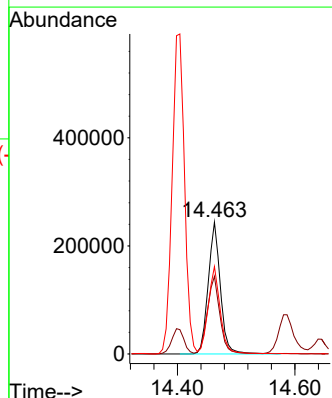
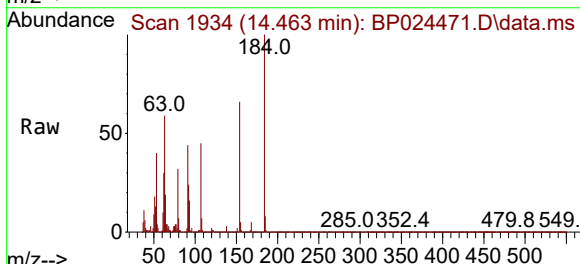
Instrument :
BNA_P
ClientSampleId :
PB167773BS

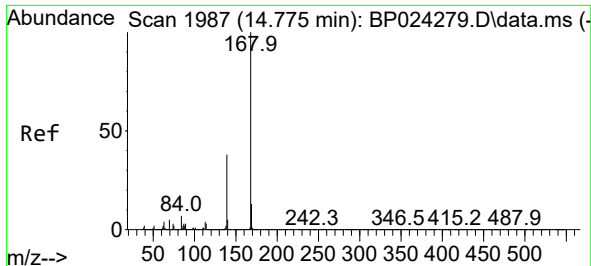
Tgt Ion:138 Resp: 133532
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 112.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 104.275 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:184 Resp: 350471
Ion Ratio Lower Upper
184 100
63 58.9 42.6 64.0
154 66.3 47.2 70.8

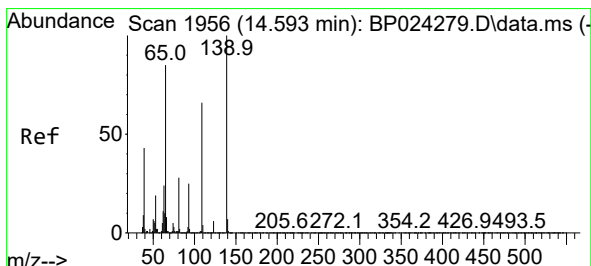
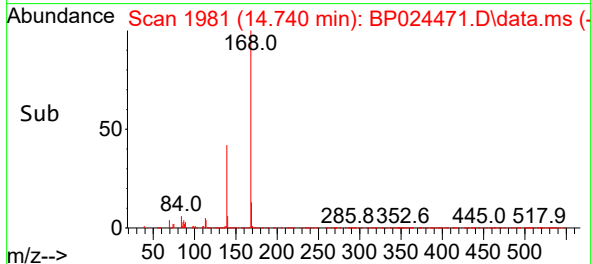
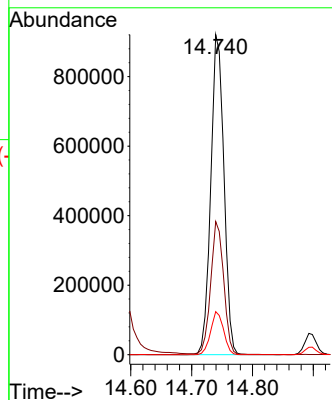
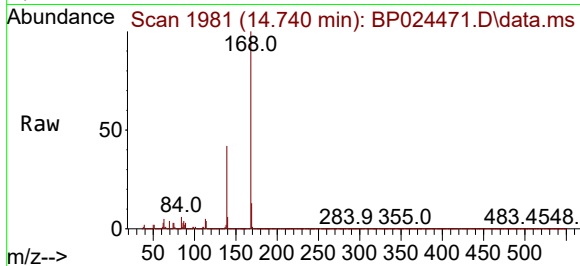




#55
Dibenzofuran
Concen: 41.682 ng
RT: 14.740 min Scan# 1981
Delta R.T. -0.018 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

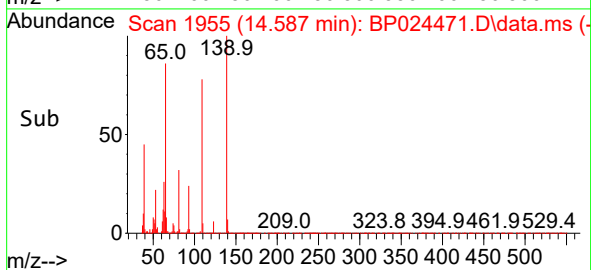
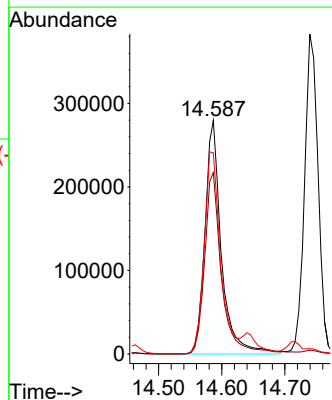
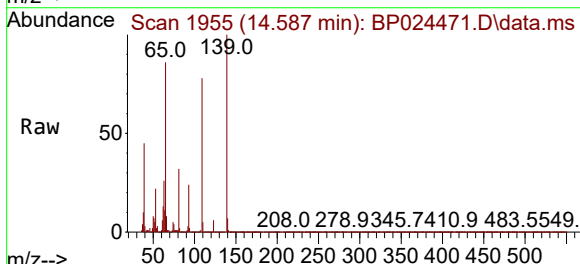
Instrument :
BNA_P
ClientSampleId :
PB167773BS

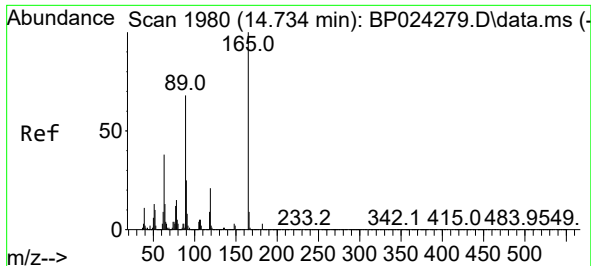
Tgt Ion:168 Resp: 1380448
Ion Ratio Lower Upper
168 100
139 41.6 30.3 45.5
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 97.560 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:139 Resp: 505295
Ion Ratio Lower Upper
139 100
109 77.7 46.1 86.1
65 86.2 65.0 105.0

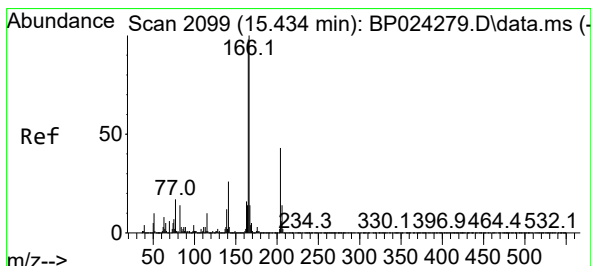
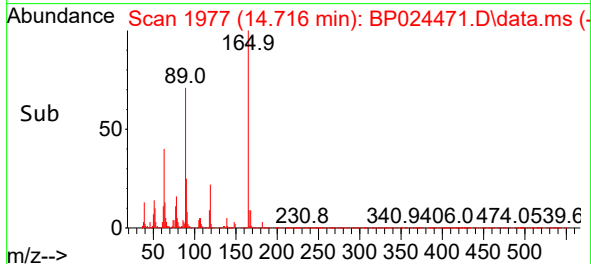
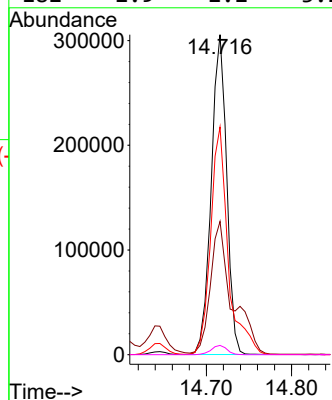
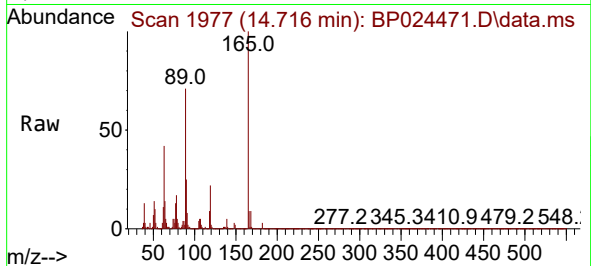




#57
2,4-Dinitrotoluene
Concen: 49.380 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

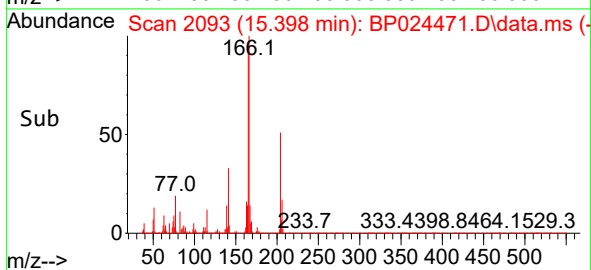
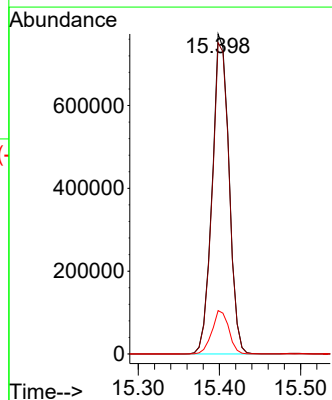
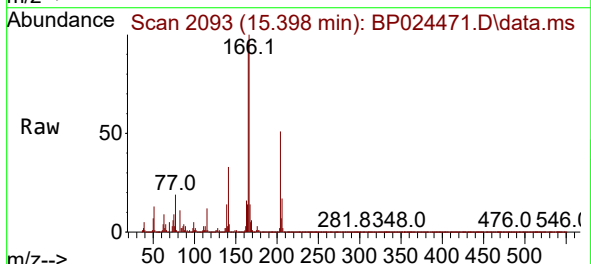
Instrument :
BNA_P
ClientSampleId :
PB167773BS

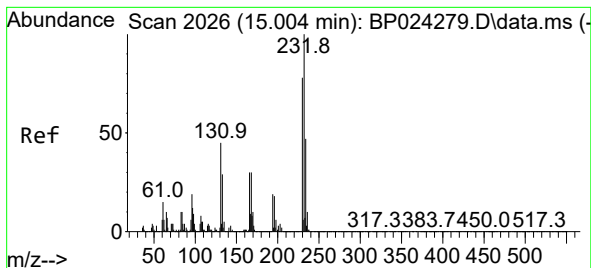
Tgt Ion:165 Resp: 384352
Ion Ratio Lower Upper
165 100
63 41.6 30.4 45.6
89 71.1 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.385 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:166 Resp: 1112292
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.145 ng

RT: 14.981 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

Tgt Ion:232 Resp: 318391

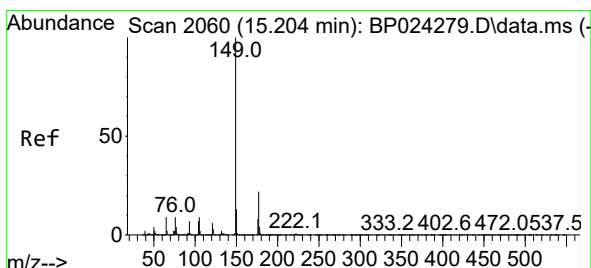
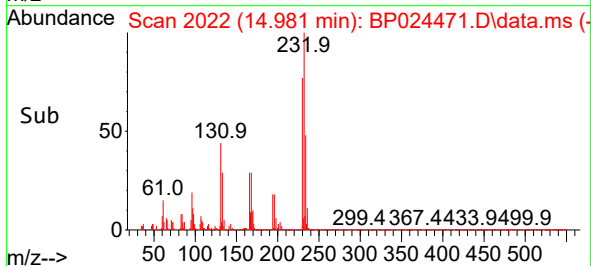
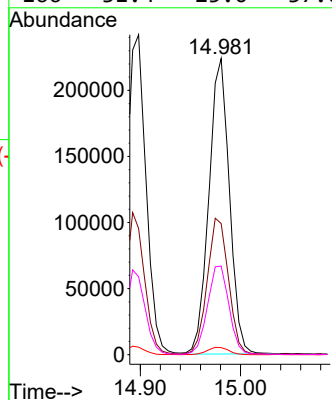
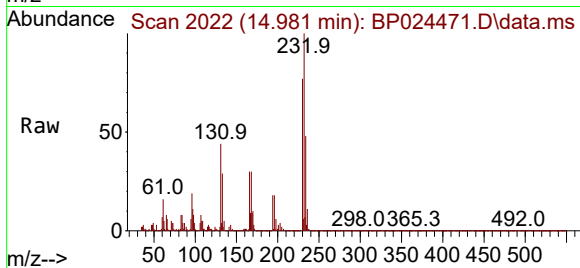
Ion Ratio Lower Upper

232 100

131 48.0 36.8 55.2

130 2.6 1.9 2.9

166 31.4 25.0 37.6



#60

Diethylphthalate

Concen: 42.833 ng

RT: 15.175 min Scan# 2055

Delta R.T. -0.018 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

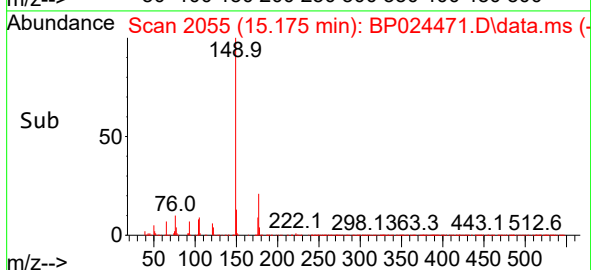
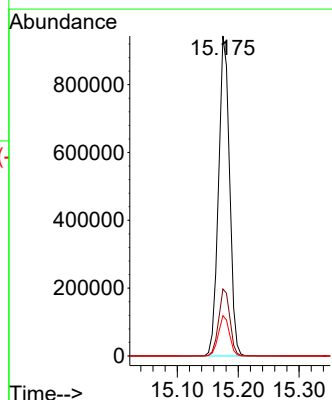
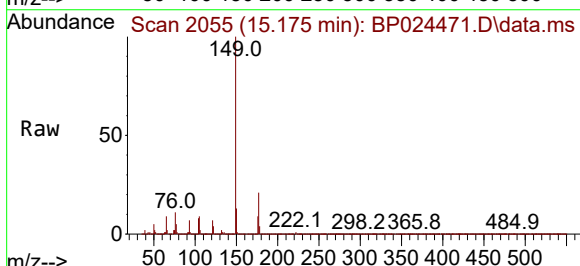
Tgt Ion:149 Resp: 1186059

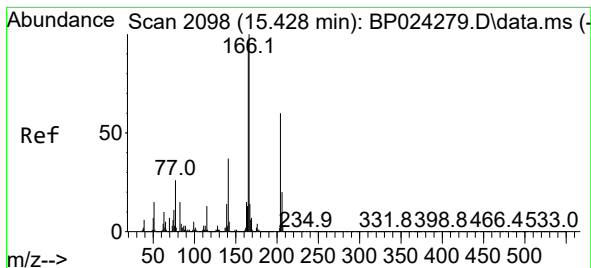
Ion Ratio Lower Upper

149 100

177 20.9 17.4 26.2

150 12.6 10.1 15.1

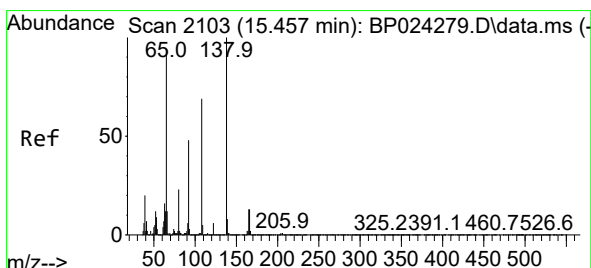
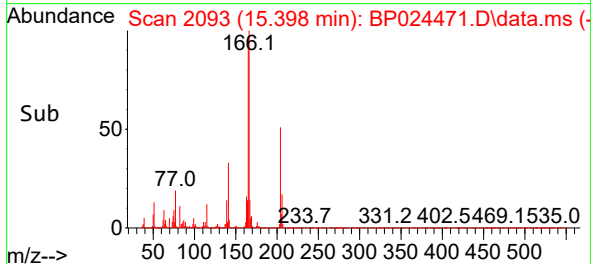
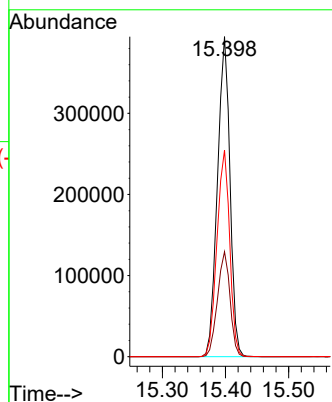
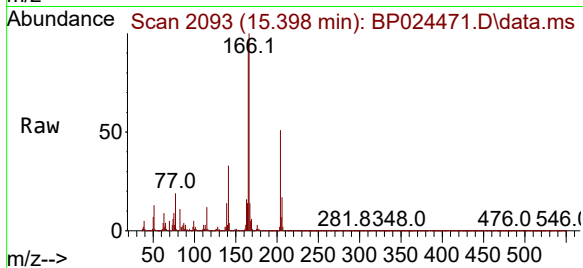




#61
4-Chlorophenyl-phenylether
Concen: 43.567 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

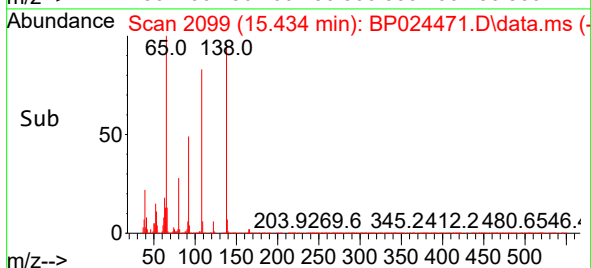
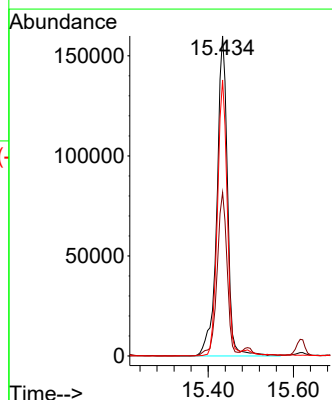
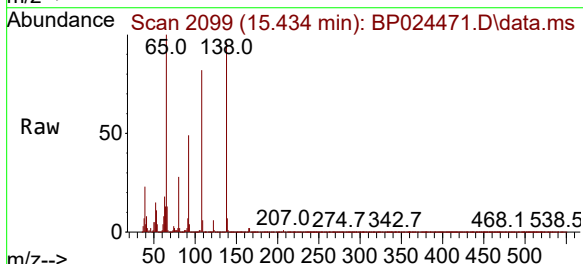
Instrument :
BNA_P
ClientSampleId :
PB167773BS

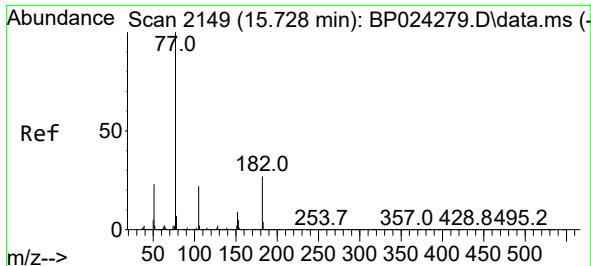
Tgt Ion:204 Resp: 542401
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.6 49.4 74.0



#62
4-Nitroaniline
Concen: 43.640 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:138 Resp: 277048
Ion Ratio Lower Upper
138 100
92 51.1 27.8 67.8
108 86.2 48.9 88.9



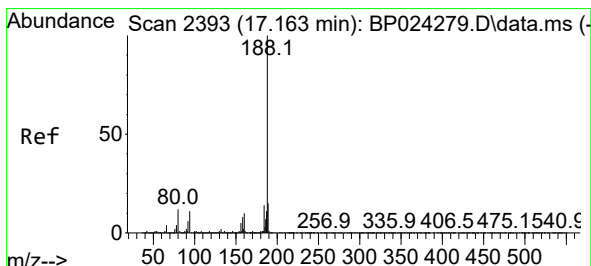
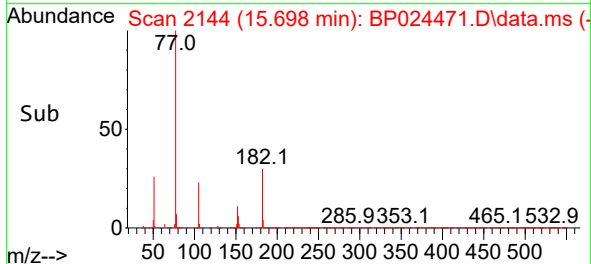
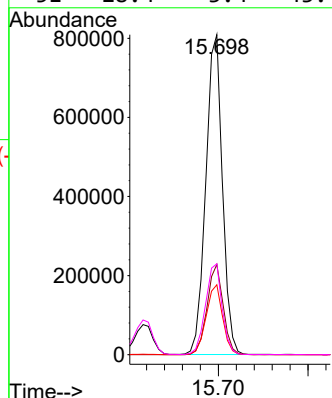
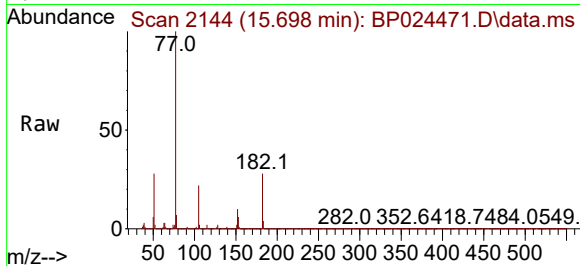


#63
Azobenzene
Concen: 40.827 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB167773BS

Tgt Ion: 77 Resp: 1039090

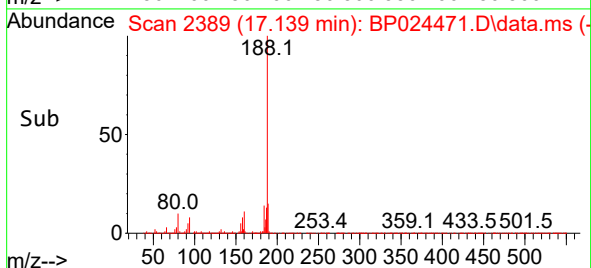
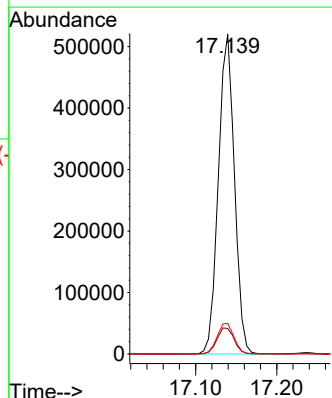
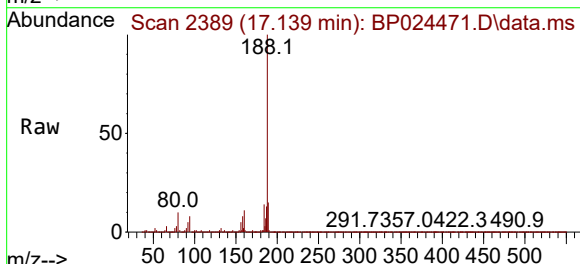
Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.3	47.3
105	21.9	2.3	42.3
51	28.4	3.4	43.4

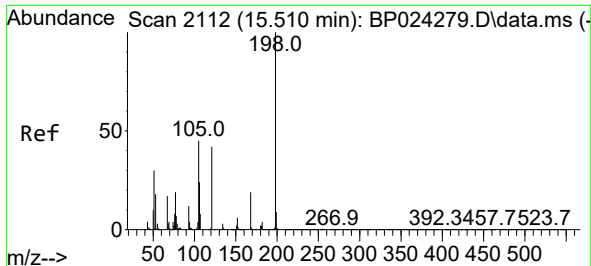


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion: 188 Resp: 717457

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.6	13.0#
80	9.6	9.8	14.6#

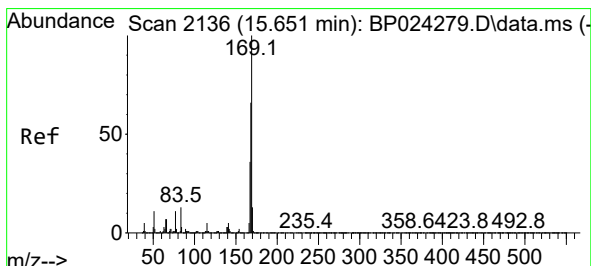
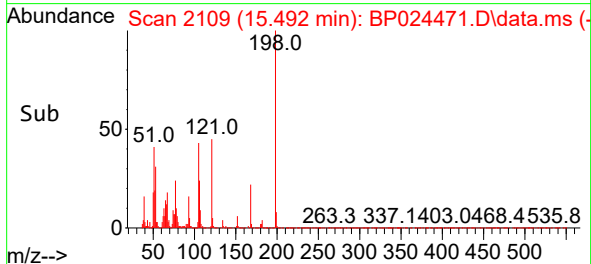
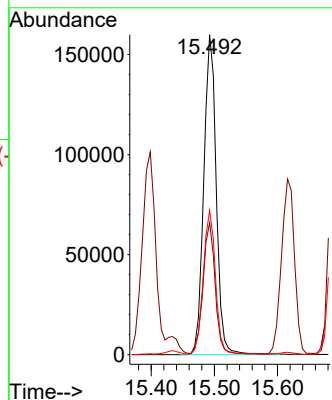
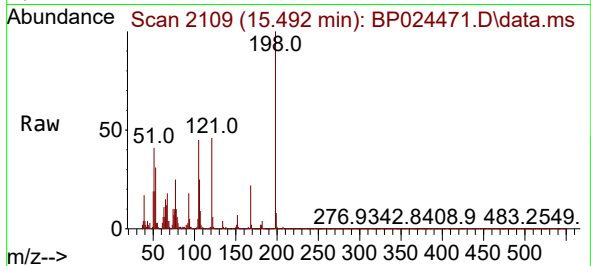




#65
4,6-Dinitro-2-methylphenol
Concen: 48.412 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

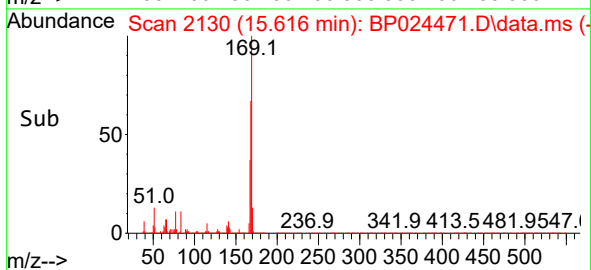
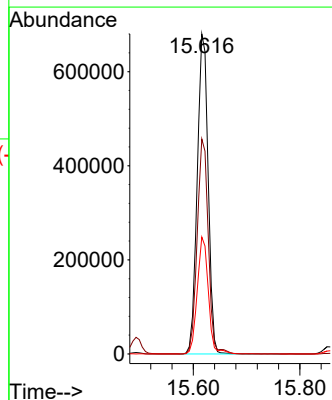
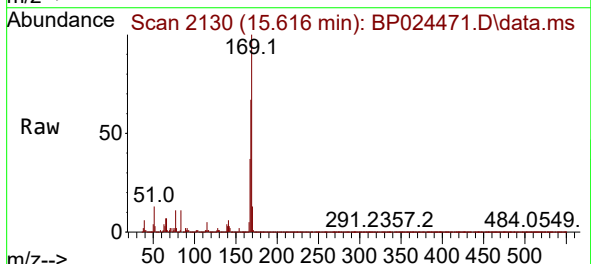
Instrument :
BNA_P
ClientSampleId :
PB167773BS

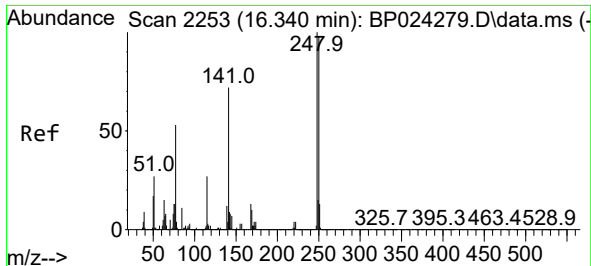
Tgt Ion:198 Resp: 218982
Ion Ratio Lower Upper
198 100
51 41.2 18.4 58.4
105 45.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 44.977 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:169 Resp: 963150
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.586 ng
RT: 16.304 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

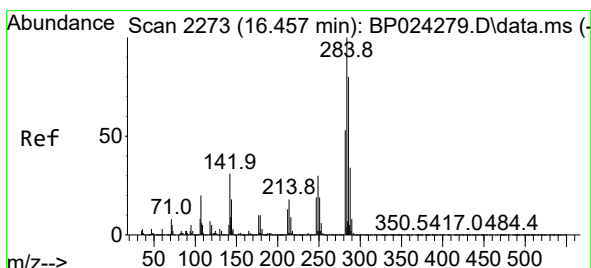
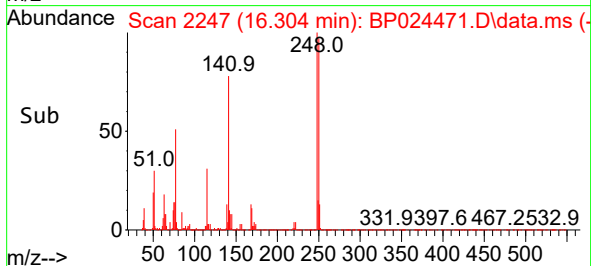
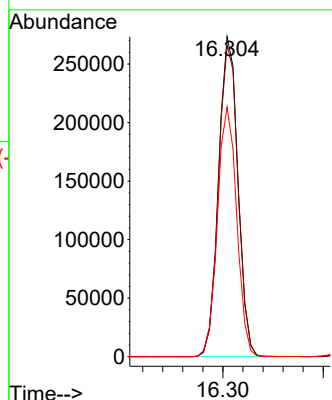
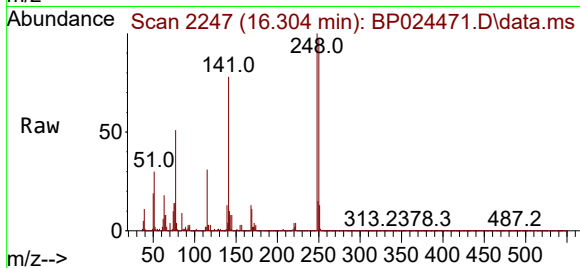
Instrument :

BNA_P

ClientSampleId :

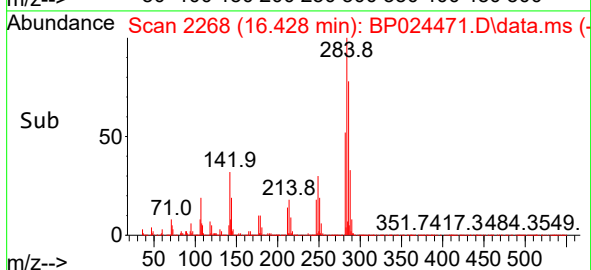
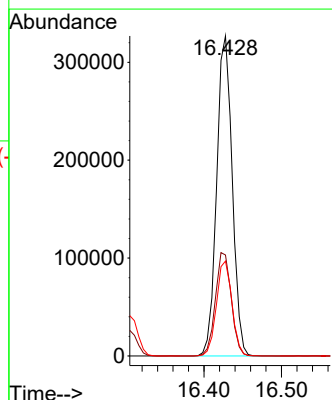
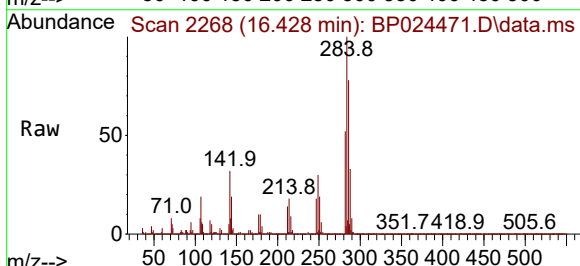
PB167773BS

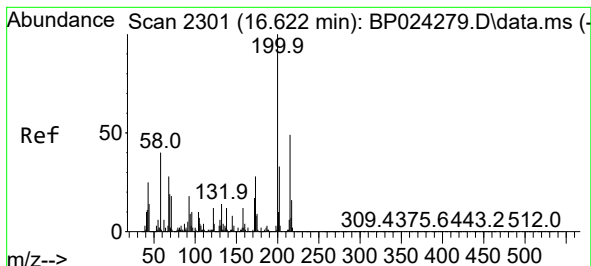
Tgt Ion:248 Resp: 365546
Ion Ratio Lower Upper
248 100
250 97.3 78.2 117.4
141 77.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.791 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:284 Resp: 454925
Ion Ratio Lower Upper
284 100
142 31.6 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 66.698 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

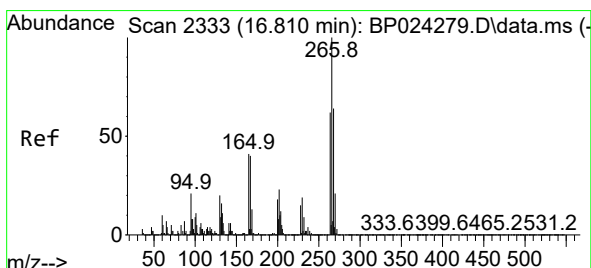
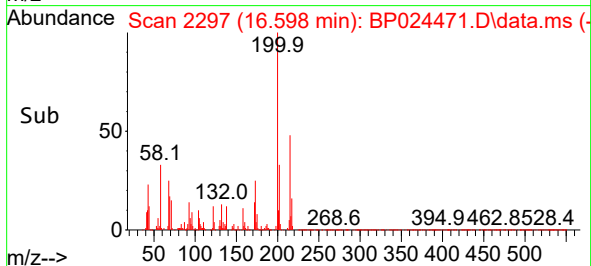
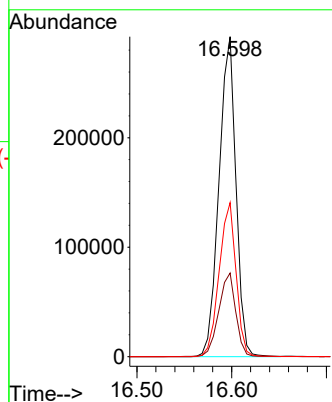
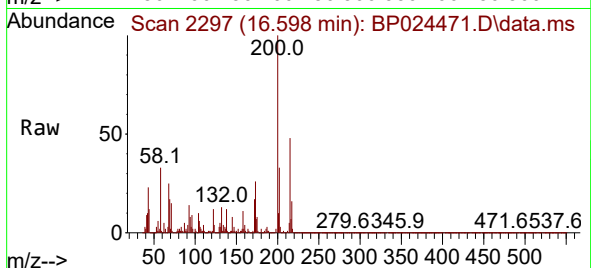
Tgt Ion:200 Resp: 363774

Ion Ratio Lower Upper

200 100

173 26.2 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 100.094 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

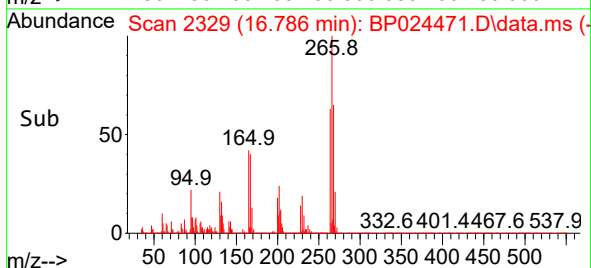
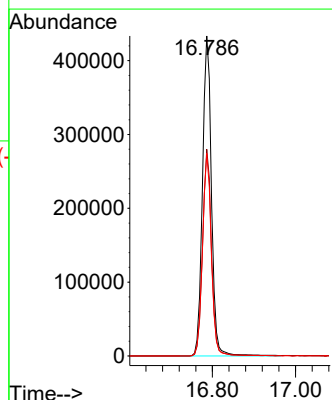
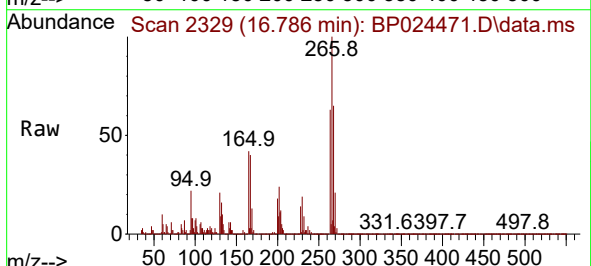
Tgt Ion:266 Resp: 651081

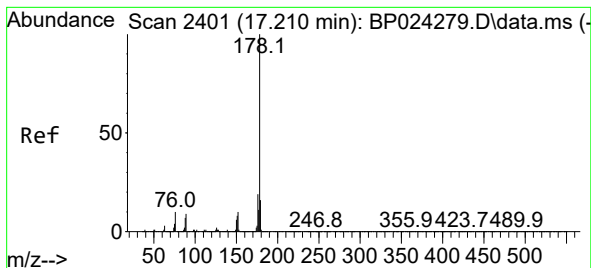
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 63.3 49.8 74.6





#71

Phenanthrene

Concen: 44.630 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

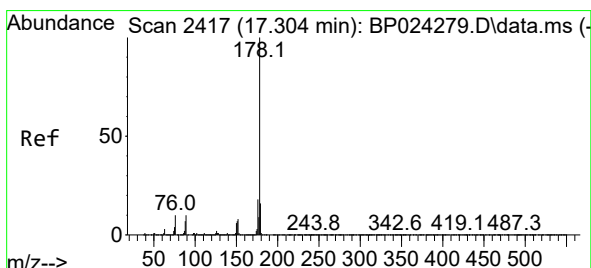
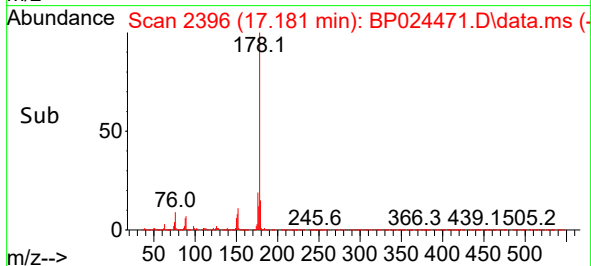
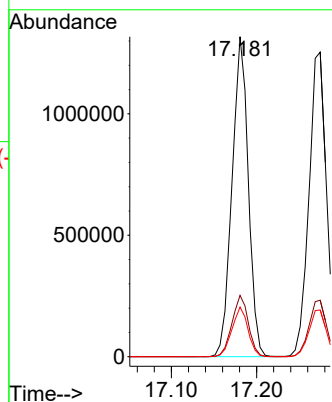
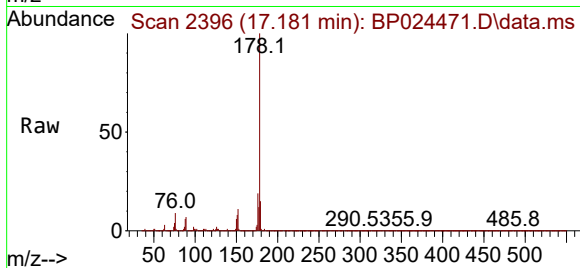
Tgt Ion:178 Resp: 1746774

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 47.425 ng

RT: 17.275 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

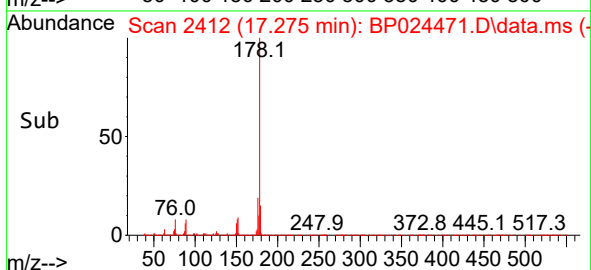
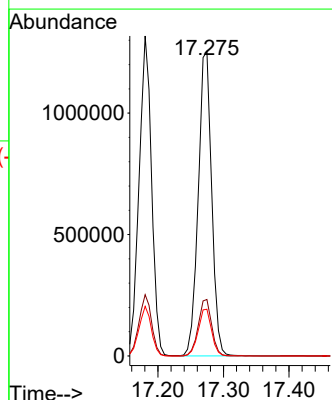
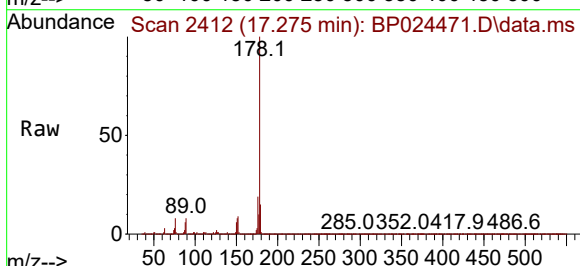
Tgt Ion:178 Resp: 1788985

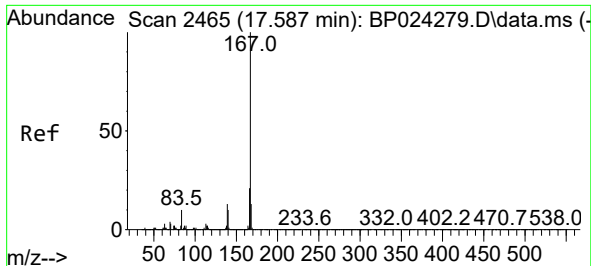
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.4 12.4 18.6

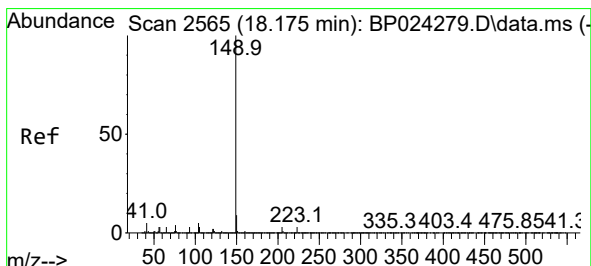
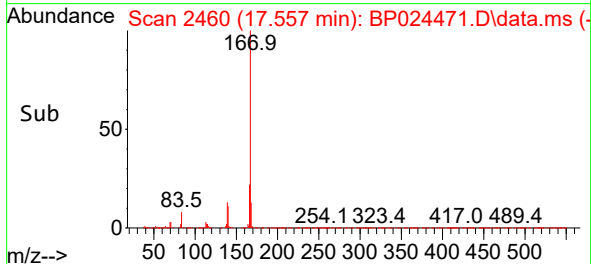
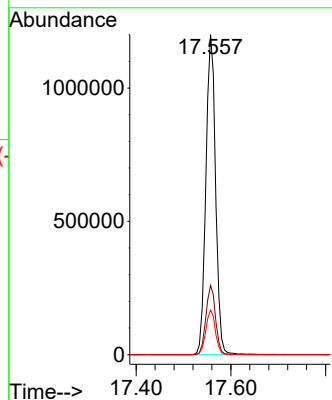
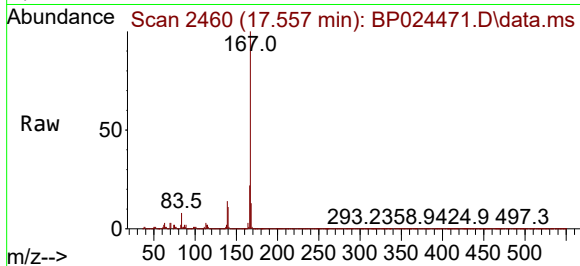




#73
Carbazole
Concen: 46.456 ng
RT: 17.557 min Scan# 2460
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

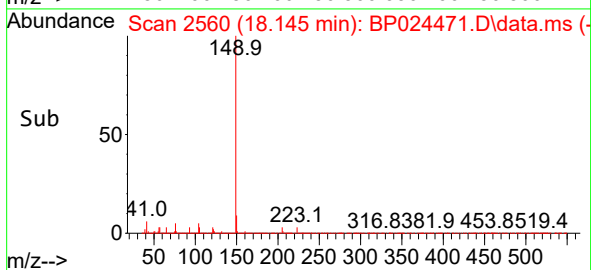
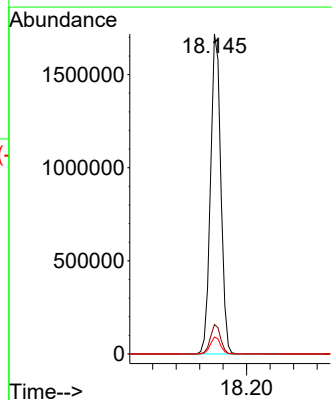
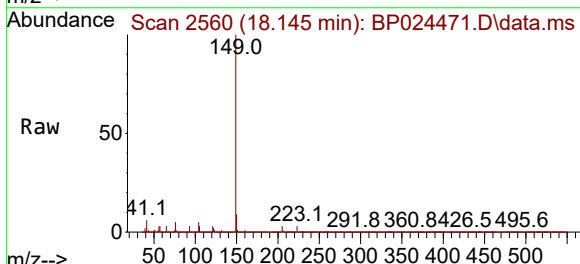
Instrument :
BNA_P
ClientSampleId :
PB167773BS

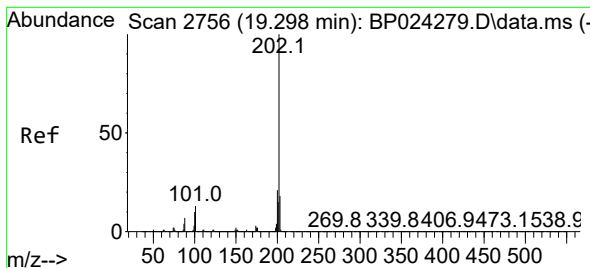
Tgt Ion:167 Resp: 1712256
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 14.0 10.6 16.0



#74
Di-n-butylphthalate
Concen: 45.694 ng
RT: 18.145 min Scan# 2560
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:149 Resp: 2098270
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 45.918 ng

RT: 19.269 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

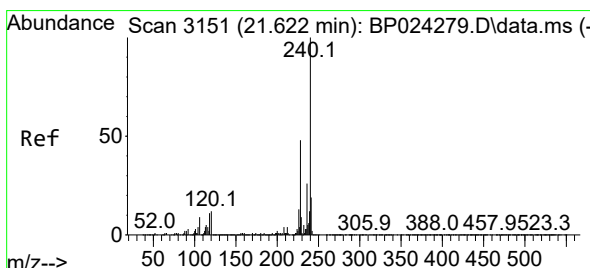
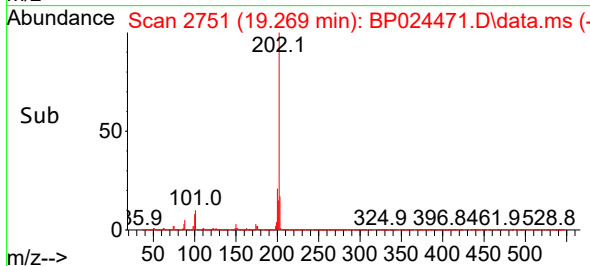
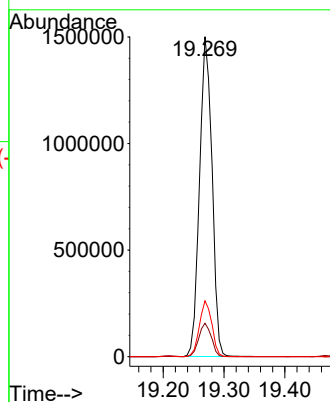
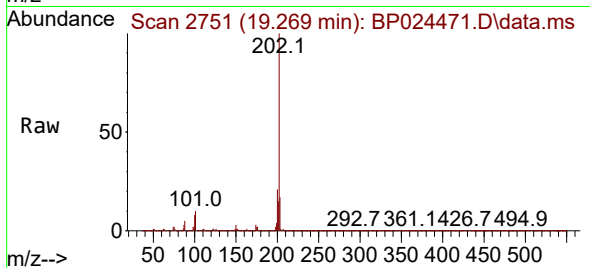
Tgt Ion:202 Resp: 2137462

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.2

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

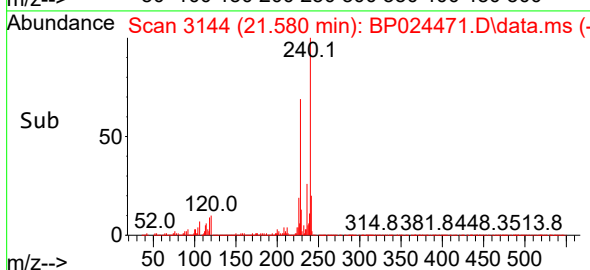
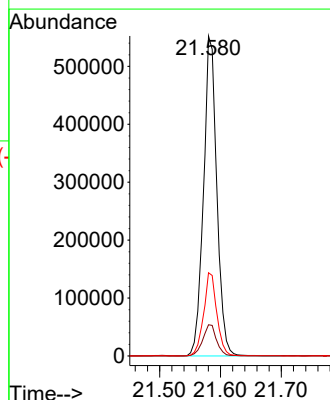
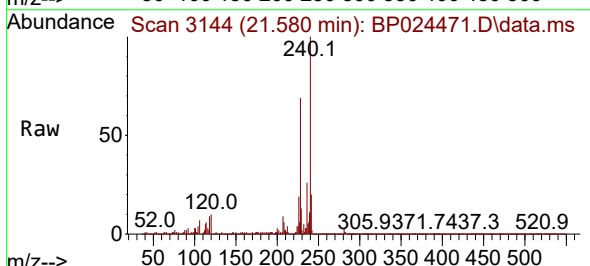
Tgt Ion:240 Resp: 839834

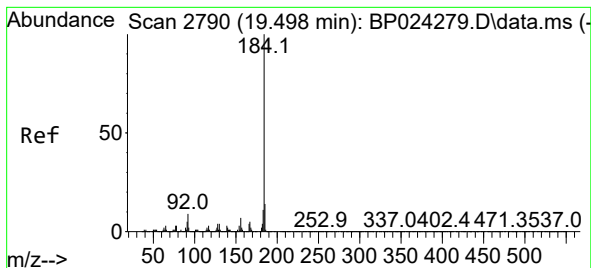
Ion Ratio Lower Upper

240 100

120 9.7 9.8 14.8#

236 26.0 20.9 31.3





#77

Benzidine

Concen: 83.488 ng

RT: 19.469 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

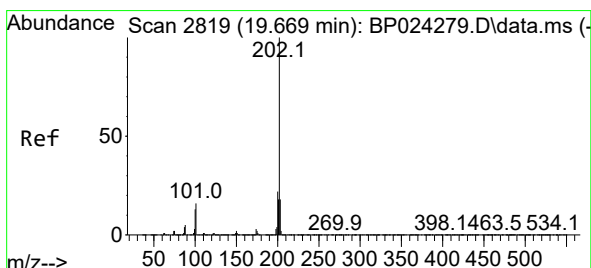
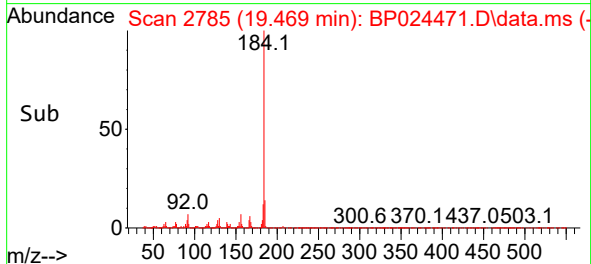
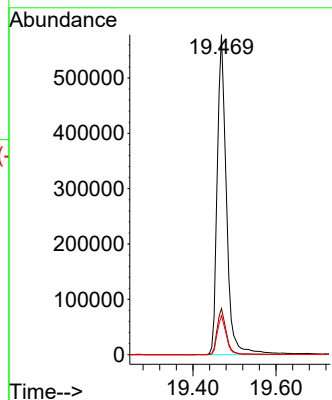
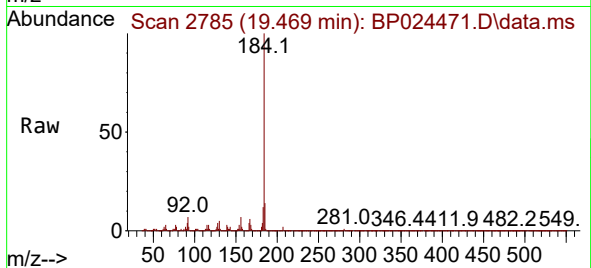
Tgt Ion:184 Resp: 888784

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 12.2 9.2 13.8



#78

Pyrene

Concen: 41.071 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

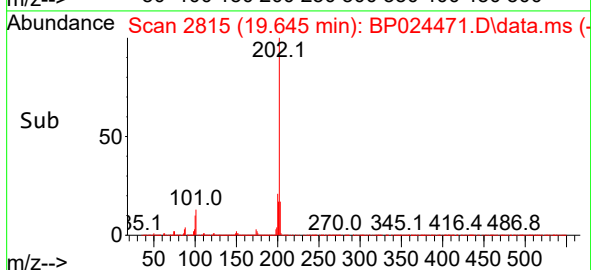
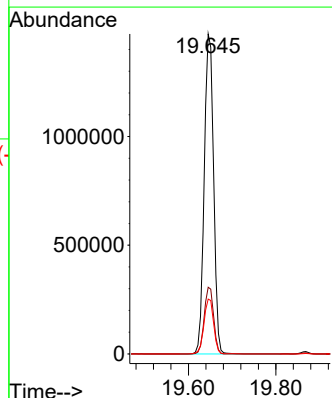
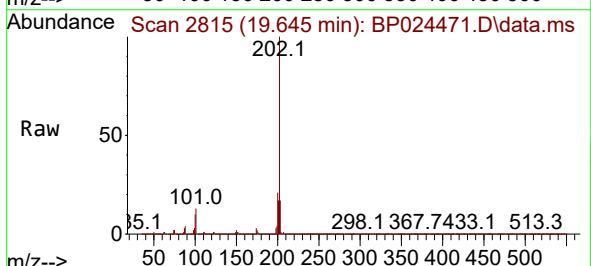
Tgt Ion:202 Resp: 2192068

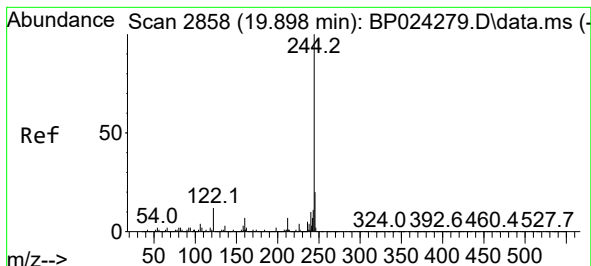
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.2 14.4 21.6





#79

Terphenyl-d14

Concen: 88.260 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

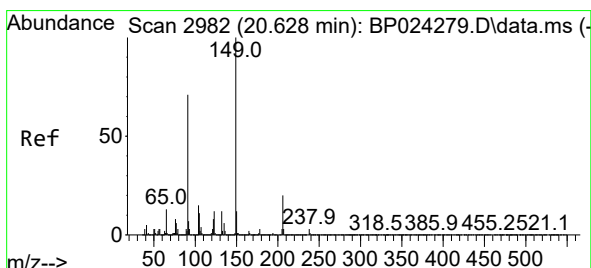
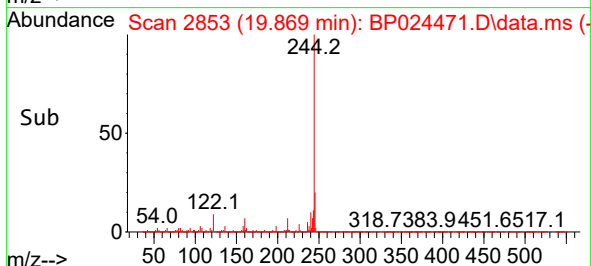
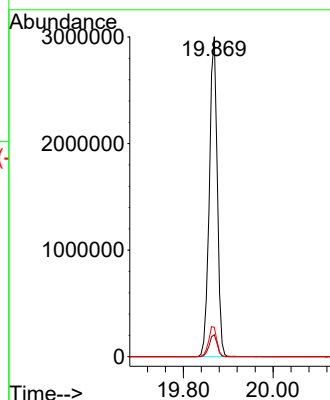
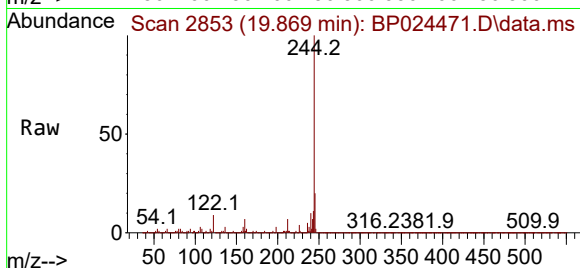
Tgt Ion:244 Resp: 3677450

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 9.4 14.0#



#80

Butylbenzylphthalate

Concen: 45.112 ng

RT: 20.604 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

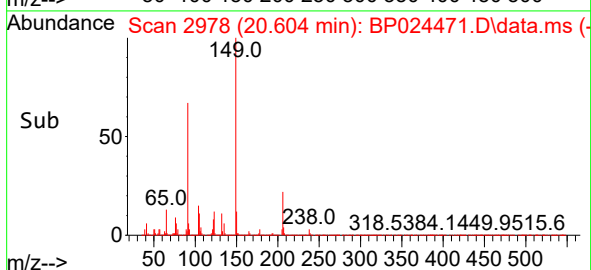
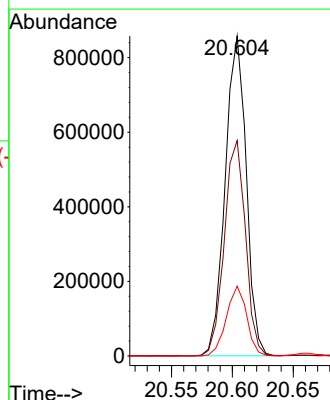
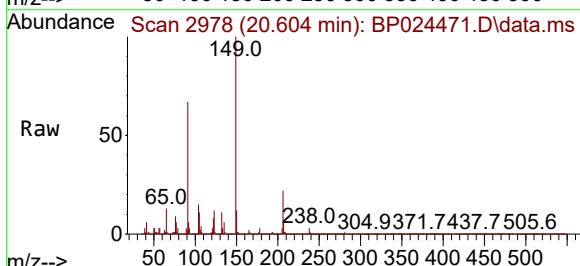
Tgt Ion:149 Resp: 1031299

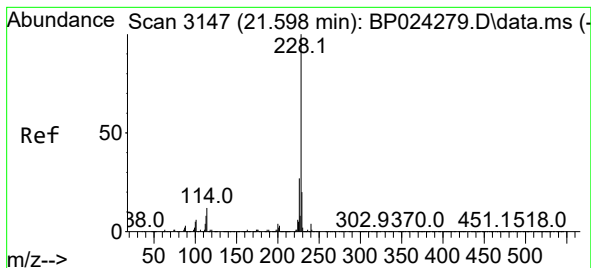
Ion Ratio Lower Upper

149 100

91 67.3 56.4 84.6

206 21.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.079 ng

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

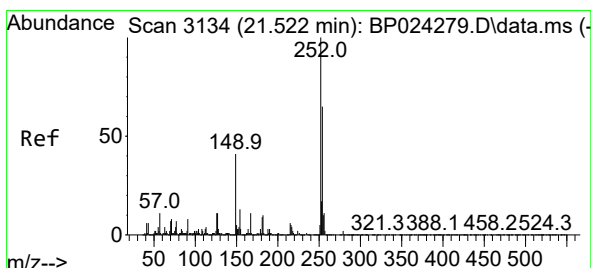
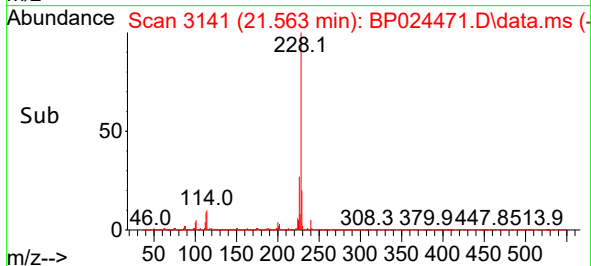
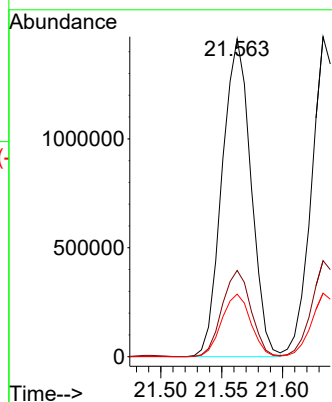
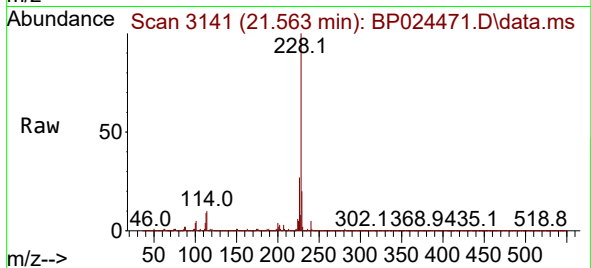
Tgt Ion:228 Resp: 2405342

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 29.612 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

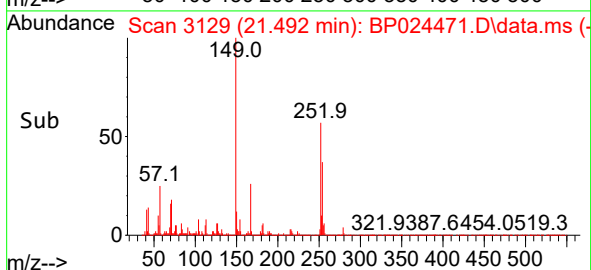
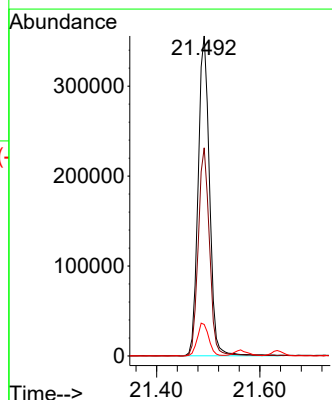
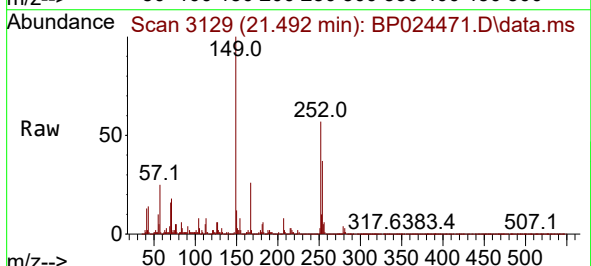
Tgt Ion:252 Resp: 542548

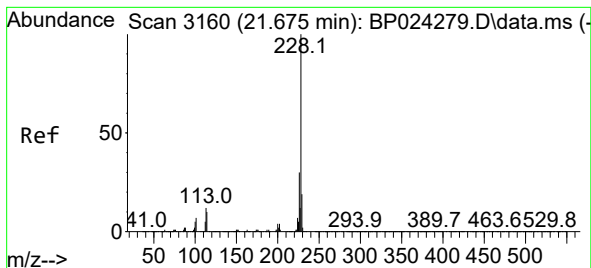
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 9.9 8.8 13.2





#83

Chrysene

Concen: 44.567 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

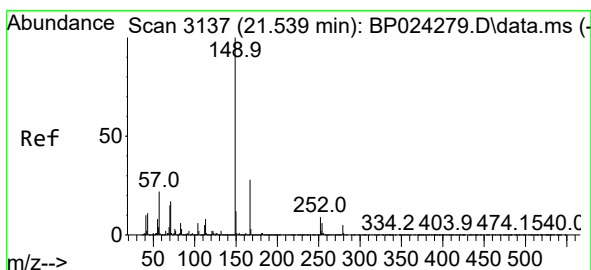
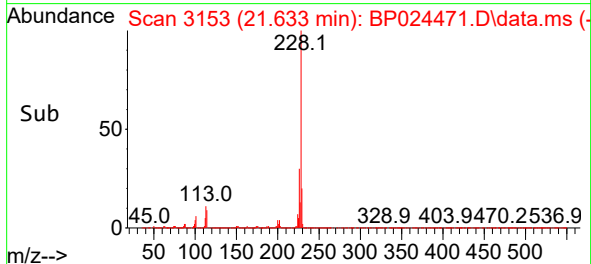
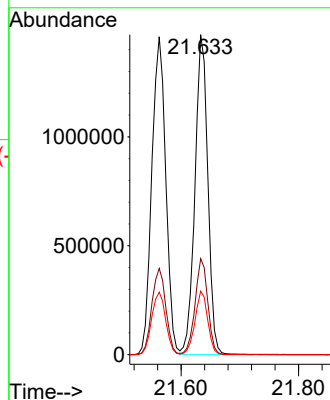
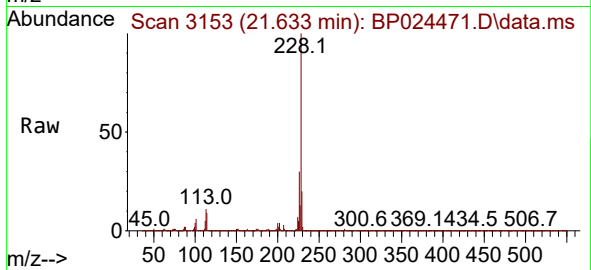
Tgt Ion:228 Resp: 2228822

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.858 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

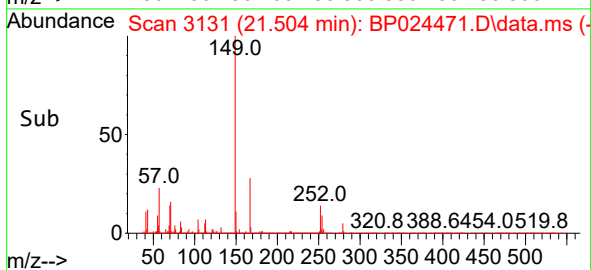
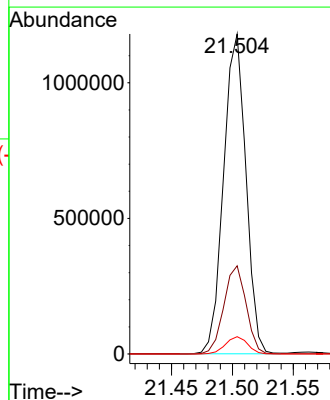
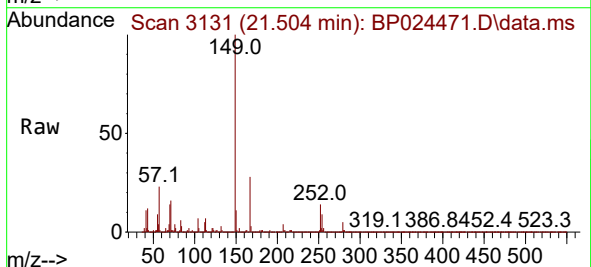
Tgt Ion:149 Resp: 1503319

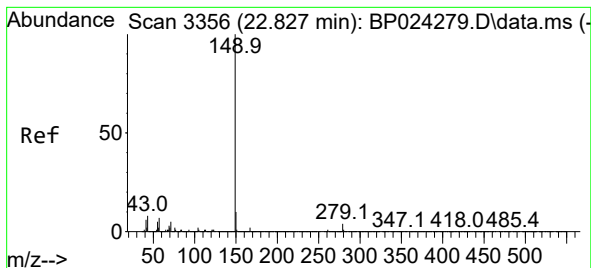
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.391 ng

RT: 22.774 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

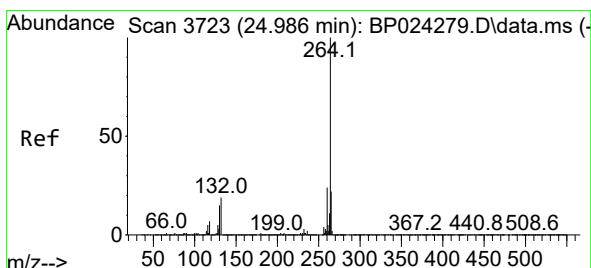
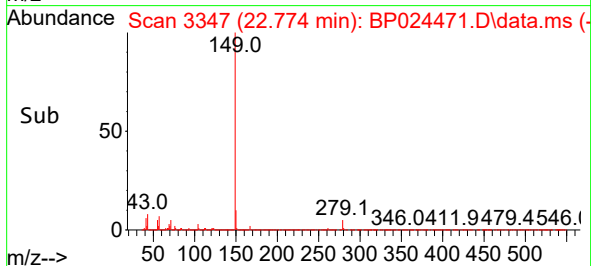
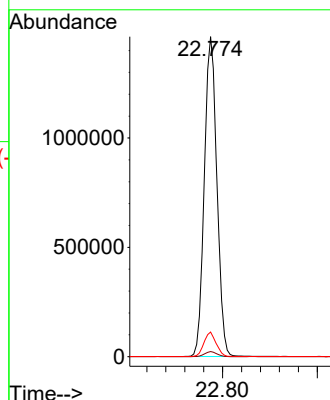
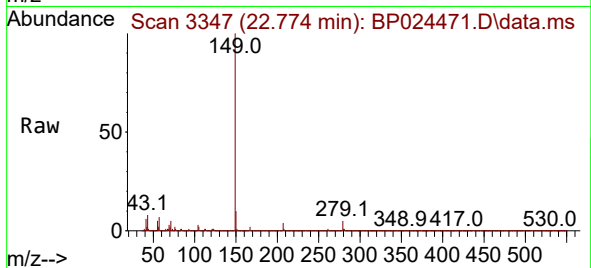
Tgt Ion:149 Resp: 2690948

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

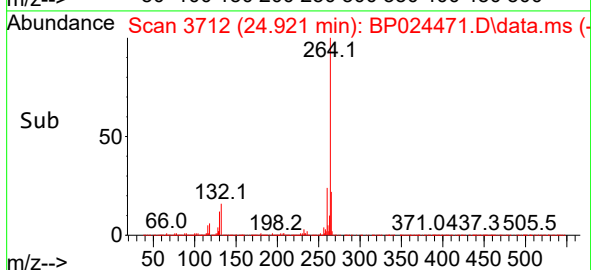
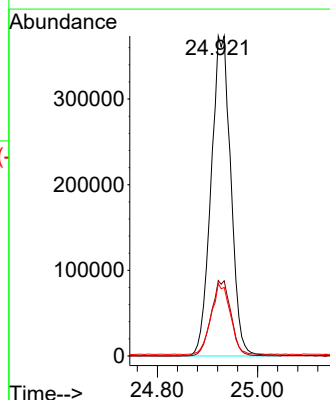
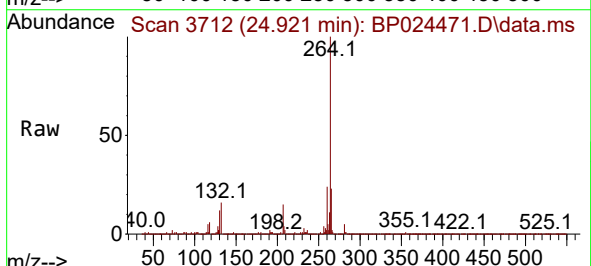
Tgt Ion:264 Resp: 1021014

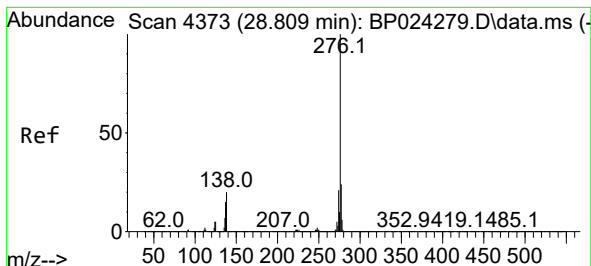
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.605 ng m

RT: 28.739 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

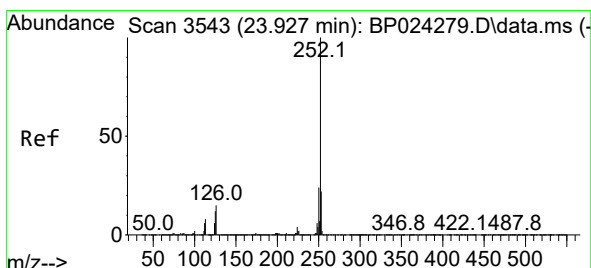
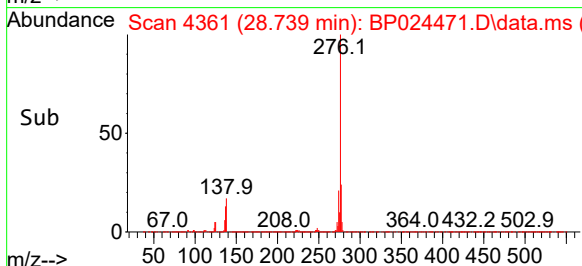
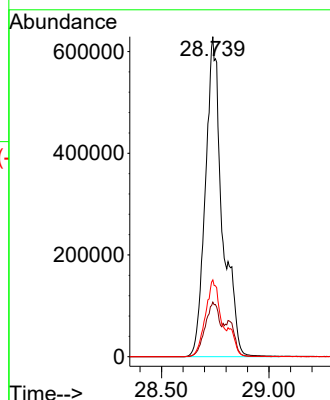
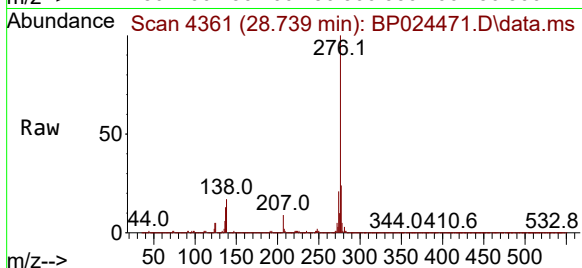
Tgt Ion:276 Resp: 3445300

Ion Ratio Lower Upper

276 100

138 14.3 14.5 21.7#

277 21.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.387 ng m

RT: 23.874 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

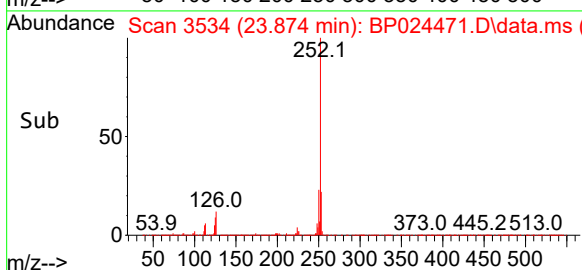
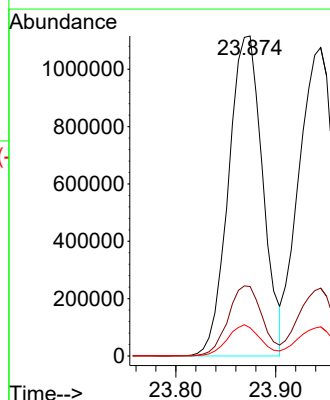
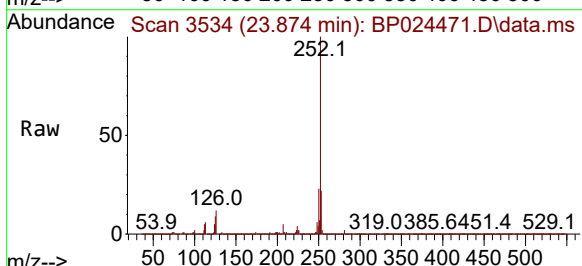
Tgt Ion:252 Resp: 2655298

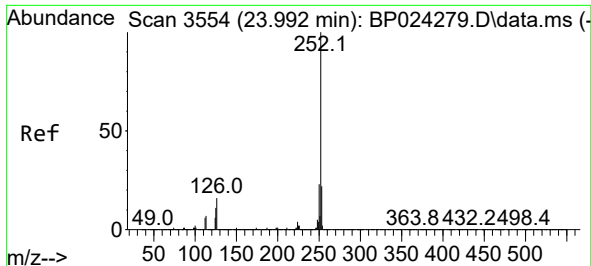
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.8 9.4 14.0#

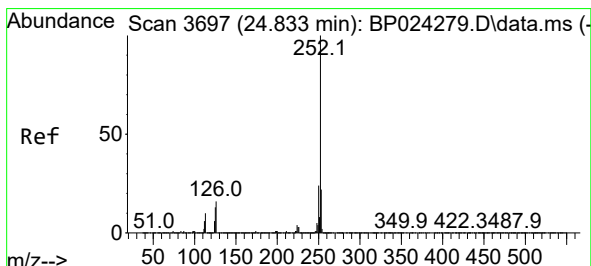
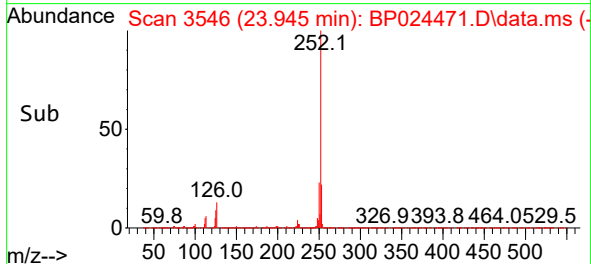
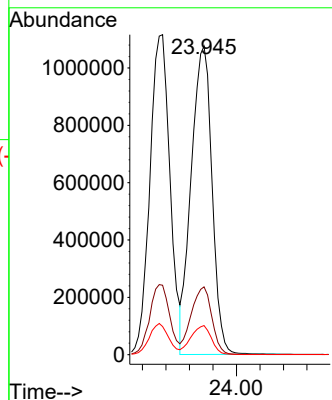
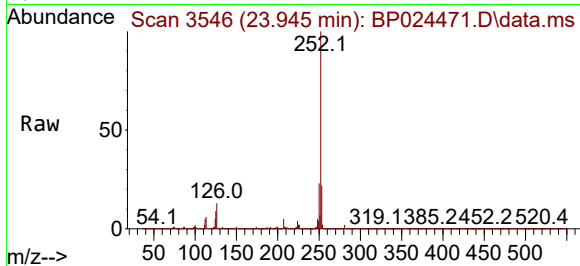




#89
Benzo(k)fluoranthene
Concen: 44.714 ng
RT: 23.945 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

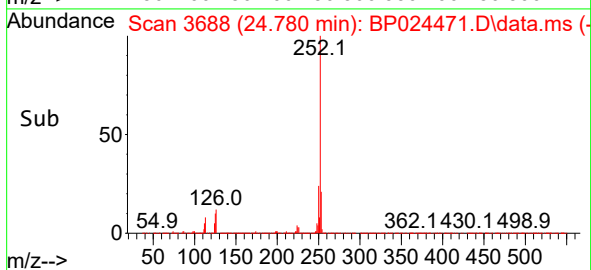
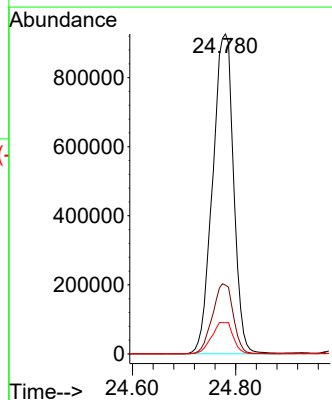
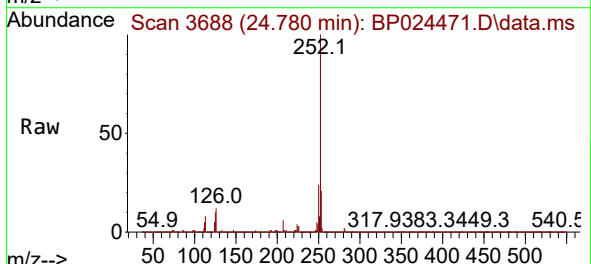
Instrument :
BNA_P
ClientSampleId :
PB167773BS

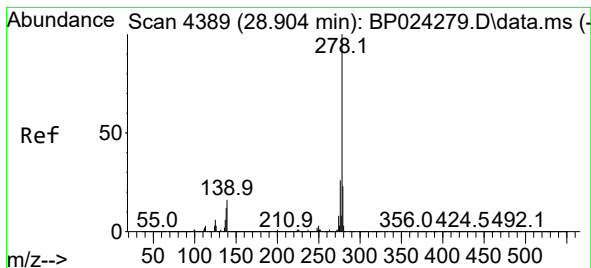
Tgt Ion:252 Resp: 2643336
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.278 ng
RT: 24.780 min Scan# 3688
Delta R.T. 0.000 min
Lab File: BP024471.D
Acq: 30 Apr 2025 13:21

Tgt Ion:252 Resp: 2601459
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.8 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 47.856 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Instrument :

BNA_P

ClientSampleId :

PB167773BS

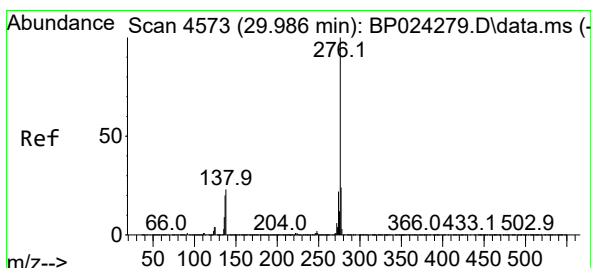
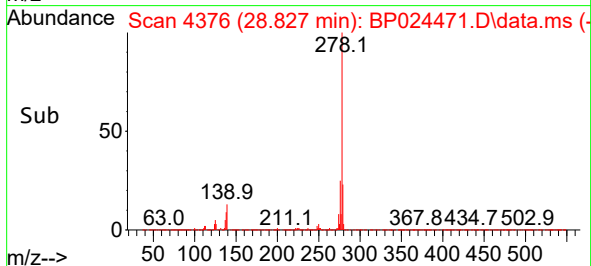
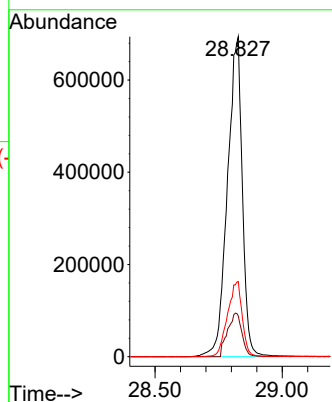
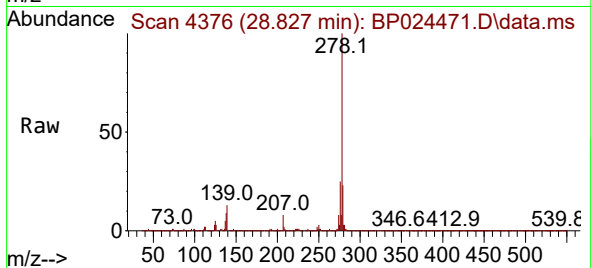
Tgt Ion:278 Resp: 2815591

Ion Ratio Lower Upper

278 100

139 12.7 12.6 19.0

279 23.5 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.936 ng

RT: 29.909 min Scan# 4560

Delta R.T. 0.012 min

Lab File: BP024471.D

Acq: 30 Apr 2025 13:21

Tgt Ion:276 Resp: 2750892

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 19.1 18.7 28.1

