

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024377.D
 Acq On : 22 Apr 2025 13:56
 Operator : RC/JU
 Sample : PB167689BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167689BS

Quant Time: Apr 22 14:15:54 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	7.722	152	273453	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1074031	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	616298	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1105871	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1129890	20.000	ng	0.01
86) Perylene-d12	24.945	264	1348858	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2251355	136.130	ng	0.00
7) Phenol-d6	6.910	99	2745343	121.231	ng	0.00
23) Nitrobenzene-d5	8.869	82	1686020	89.512	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1153297	135.255	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3644618	90.546	ng	0.00
79) Terphenyl-d14	19.880	244	4963460	88.544	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	252303	36.067	ng	96
3) Pyridine	3.687	79	669238	36.230	ng	99
4) n-Nitrosodimethylamine	3.593	42	277957	45.341	ng	90
6) Aniline	7.063	93	877105	43.344	ng	98
8) 2-Chlorophenol	7.299	128	830254	44.964	ng	98
9) Benzaldehyde	6.875	77	408096	36.431	ng	98
10) Phenol	6.934	94	985443	43.379	ng	94
11) bis(2-Chloroethyl)ether	7.152	93	758339	41.432	ng	98
12) 1,3-Dichlorobenzene	7.610	146	868397	43.685	ng	99
13) 1,4-Dichlorobenzene	7.757	146	888003	44.027	ng	100
14) 1,2-Dichlorobenzene	8.069	146	845175	43.396	ng	99
15) Benzyl Alcohol	7.963	79	659329	45.021	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	857118	43.324	ng	99
17) 2-Methylphenol	8.163	107	674363	45.889	ng	98
18) Hexachloroethane	8.787	117	330941	45.403	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	553491	39.507	ng	98
20) 3+4-Methylphenols	8.493	107	887250	43.512	ng	99
22) Acetophenone	8.534	105	1141571	42.944	ng	# 99
24) Nitrobenzene	8.910	77	838925	45.023	ng	99
25) Isophorone	9.434	82	1539939	45.168	ng	99
26) 2-Nitrophenol	9.616	139	428520	46.994	ng	98
27) 2,4-Dimethylphenol	9.681	122	729797	63.740	ng	98
28) bis(2-Chloroethoxy)met...	9.910	93	978751	42.496	ng	99
29) 2,4-Dichlorophenol	10.151	162	716991	45.927	ng	100
30) 1,2,4-Trichlorobenzene	10.357	180	758970	45.375	ng	99
31) Naphthalene	10.545	128	2380570	42.077	ng	100
32) Benzoic acid	9.840	122	502543	37.668	ng	99
33) 4-Chloroaniline	10.651	127	404414	20.298	ng	98
34) Hexachlorobutadiene	10.828	225	468300	47.645	ng	100
35) Caprolactam	11.451	113	224991m	39.059	ng	
36) 4-Chloro-3-methylphenol	11.787	107	776173	42.685	ng	98
37) 2-Methylnaphthalene	12.151	142	1462651	37.278	ng	98
38) 1-Methylnaphthalene	12.375	142	1560607	40.658	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	792156	46.740	ng	# 98
41) Hexachlorocyclopentadiene	12.504	237	1189932	198.515	ng	98
43) 2,4,6-Trichlorophenol	12.775	196	546717	48.519	ng	96

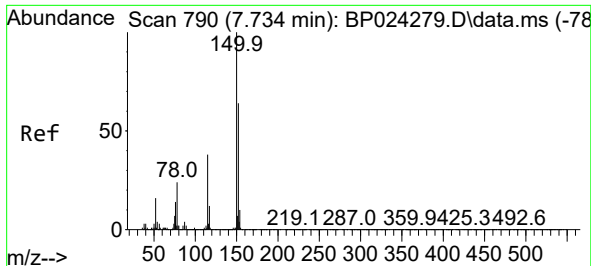
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	599108	48.013	ng	98
46) 1,1'-Biphenyl	13.169	154	2014318	44.465	ng	99
47) 2-Chloronaphthalene	13.210	162	1544814	45.627	ng	98
48) 2-Nitroaniline	13.422	65	452272	47.622	ng	95
49) Acenaphthylene	14.069	152	2545203	47.747	ng	100
50) Dimethylphthalate	13.810	163	1924444	42.939	ng	100
51) 2,6-Dinitrotoluene	13.922	165	425444	44.703	ng	95
52) Acenaphthene	14.416	154	1464655	43.340	ng	99
53) 3-Nitroaniline	14.257	138	328988	32.890	ng	98
54) 2,4-Dinitrophenol	14.469	184	536380	95.680	ng	96
55) Dibenzofuran	14.757	168	2270901	41.110	ng	98
56) 4-Nitrophenol	14.586	139	769391	89.062	ng	96
57) 2,4-Dinitrotoluene	14.728	165	597944	46.058	ng	100
58) Fluorene	15.416	166	1841968	43.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	508781	44.209	ng	98
60) Diethylphthalate	15.186	149	1907738	41.305	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	888765	42.800	ng	98
62) 4-Nitroaniline	15.439	138	453828	42.859	ng	93
63) Azobenzene	15.710	77	1757631	41.404	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	329825	47.306	ng	97
66) n-Nitrosodiphenylamine	15.633	169	1590725	48.193	ng	100
67) 4-Bromophenyl-phenylether	16.328	248	583126	48.213	ng	99
68) Hexachlorobenzene	16.439	284	693731	48.270	ng	97
69) Atrazine	16.616	200	532913	63.391	ng	100
70) Pentachlorophenol	16.804	266	948793	94.631	ng	100
71) Phenanthrene	17.198	178	2748609	45.561	ng	100
72) Anthracene	17.298	178	2792099	48.020	ng	100
73) Carbazole	17.580	167	2572283	45.277	ng	99
74) Di-n-butylphthalate	18.169	149	3157583	44.612	ng	100
75) Fluoranthene	19.292	202	3110667	43.354	ng	99
77) Benzidine	19.492	184	1689935	117.993	ng	99
78) Pyrene	19.669	202	3206398	44.654	ng	99
80) Butylbenzylphthalate	20.610	149	1475186	47.964	ng	100
81) Benzo(a)anthracene	21.580	228	3250449	46.283	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	838608	34.021	ng	100
83) Chrysene	21.651	228	3022588	44.923	ng	100
84) Bis(2-ethylhexyl)phtha...	21.521	149	2151924	47.728	ng	99
85) Di-n-octyl phthalate	22.798	149	3687587	50.309	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	4548196	48.569	ng	# 93
88) Benzo(b)fluoranthene	23.892	252	3601706	44.547	ng	98
89) Benzo(k)fluoranthene	23.962	252	3494803	44.749	ng	99
90) Benzo(a)pyrene	24.798	252	3468066	49.727	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3729539	47.983	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3627026	45.845	ng	97

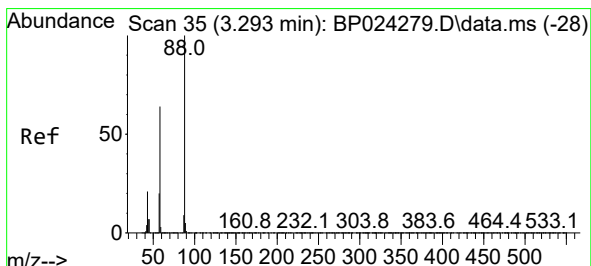
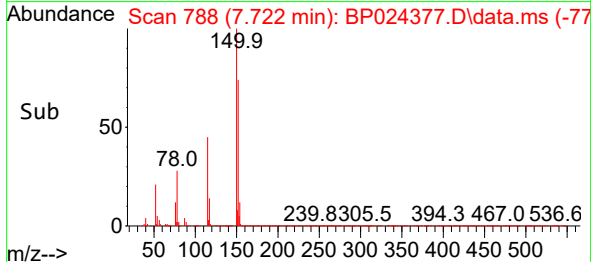
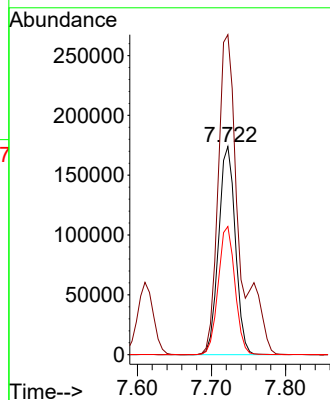
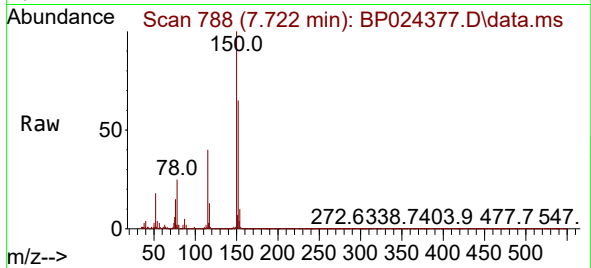
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024377.D
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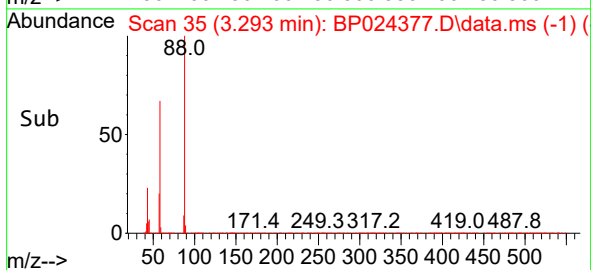
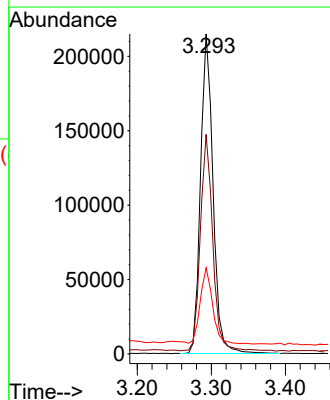
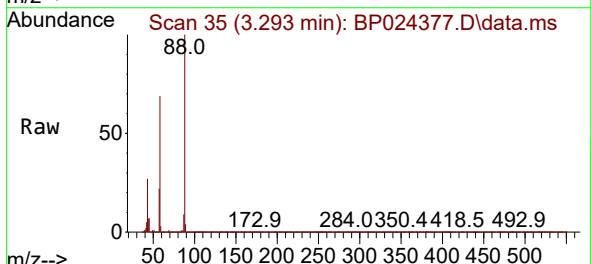
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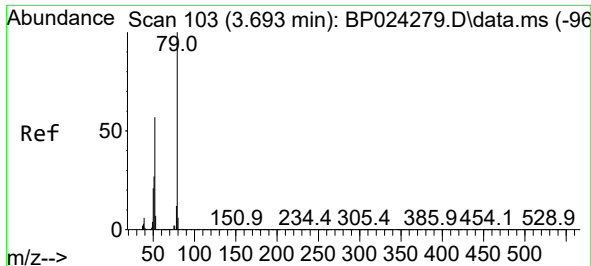
Tgt Ion:152 Resp: 273453
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.9 187.3
 115 61.6 47.7 71.5



#2
 1,4-Dioxane
 Concen: 36.067 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: BP024377.D
 Acq: 22 Apr 2025 13:56

Tgt Ion: 88 Resp: 252303
 Ion Ratio Lower Upper
 88 100
 58 67.5 51.4 77.2
 43 23.7 17.1 25.7

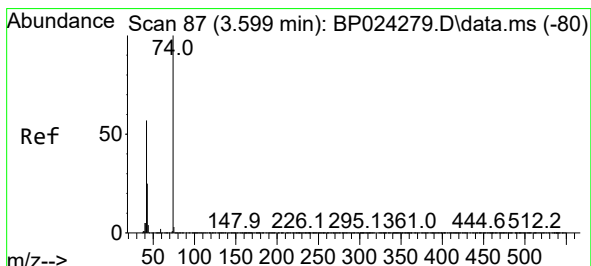
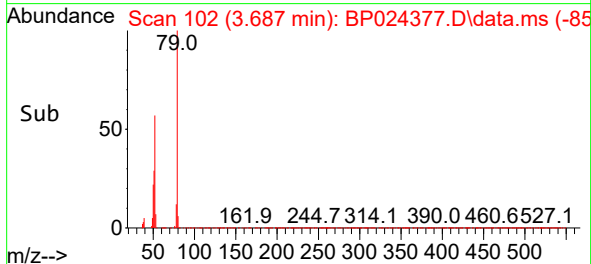
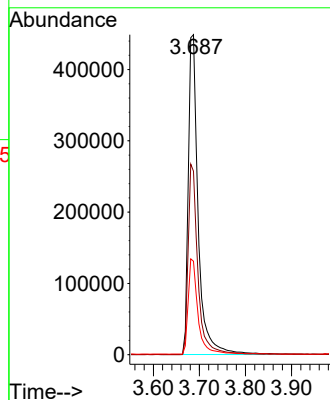
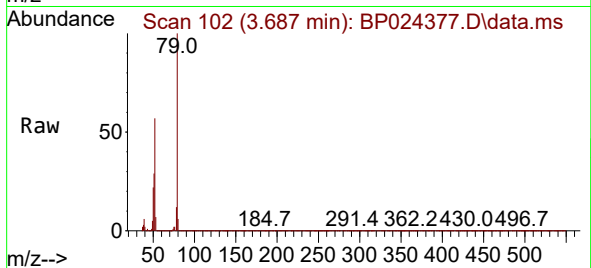




#3
 Pyridine
 Concen: 36.230 ng
 RT: 3.687 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BP024377.D
 Acq: 22 Apr 2025 13:56

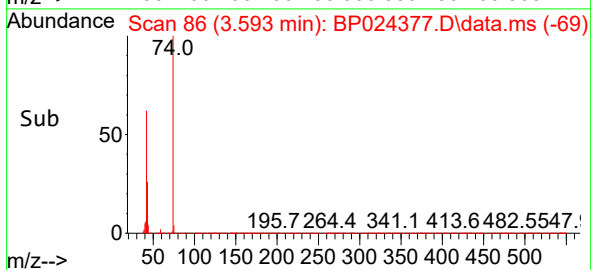
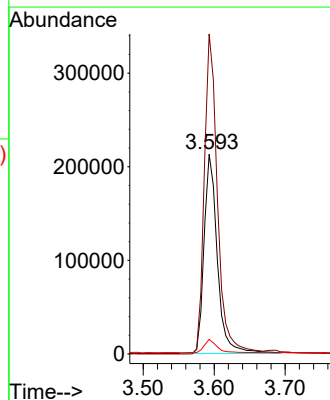
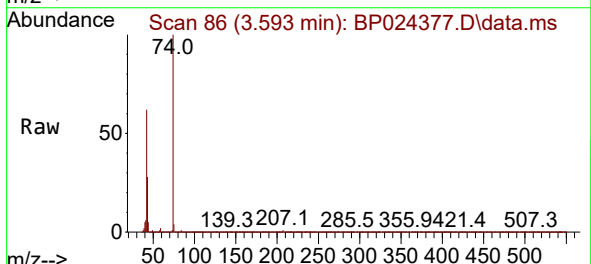
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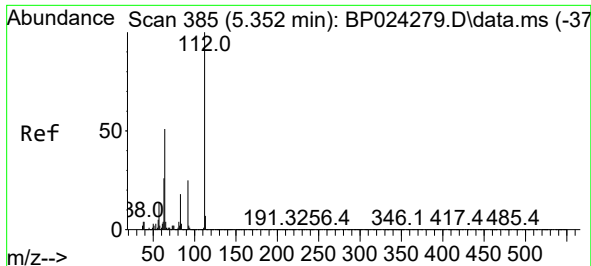
Tgt Ion: 79 Resp: 669238
 Ion Ratio Lower Upper
 79 100
 52 57.3 45.4 68.2
 51 29.2 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 45.341 ng
 RT: 3.593 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BP024377.D
 Acq: 22 Apr 2025 13:56

Tgt Ion: 42 Resp: 277957
 Ion Ratio Lower Upper
 42 100
 74 160.2 139.5 209.3
 44 7.3 5.8 8.8

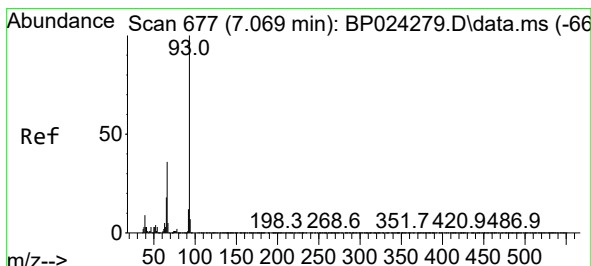
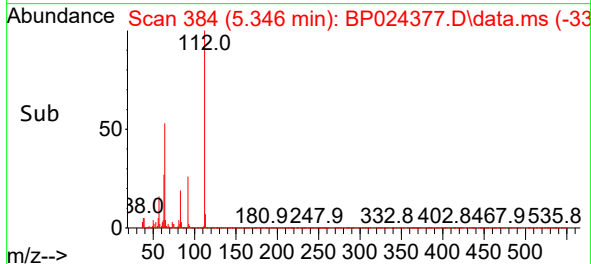
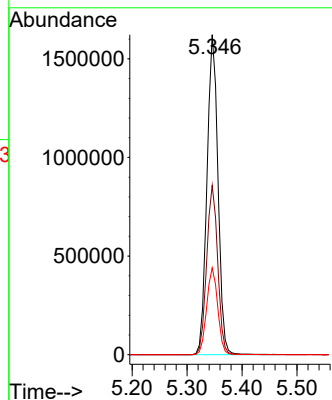
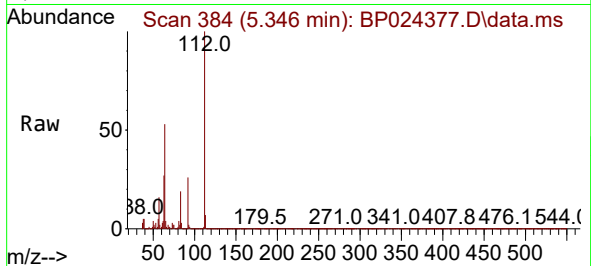




#5
2-Fluorophenol
Concen: 136.130 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

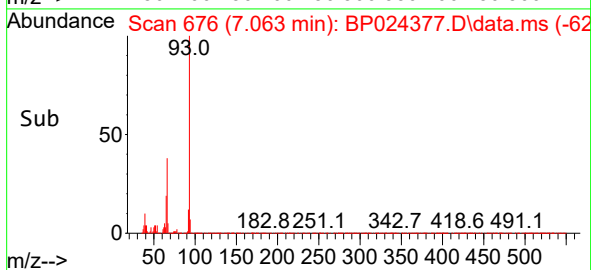
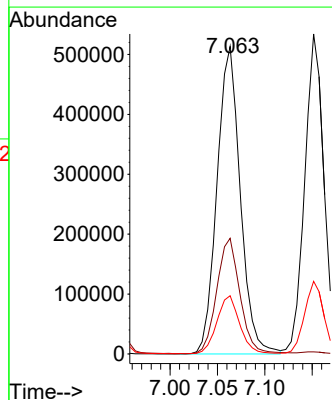
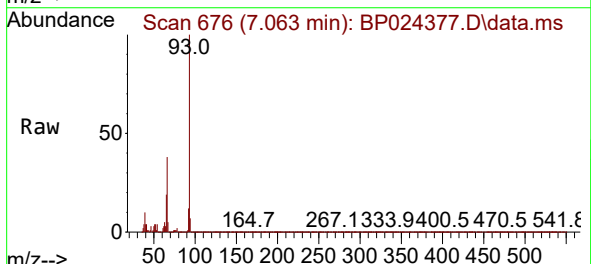
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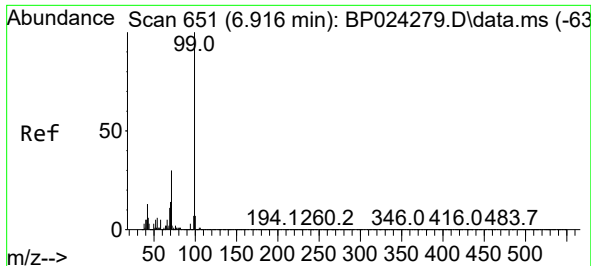
Tgt Ion:112 Resp: 2251355
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.2 20.6 30.8



#6
Aniline
Concen: 43.344 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 93 Resp: 877105
Ion Ratio Lower Upper
93 100
66 37.6 29.1 43.7
65 18.9 14.7 22.1

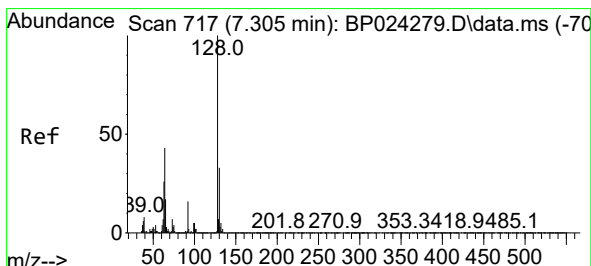
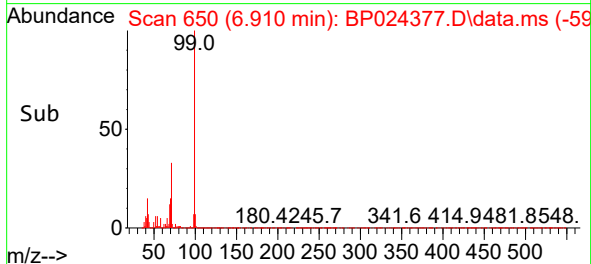
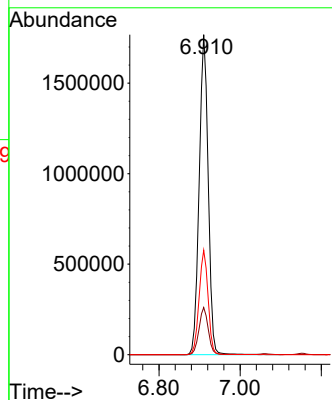
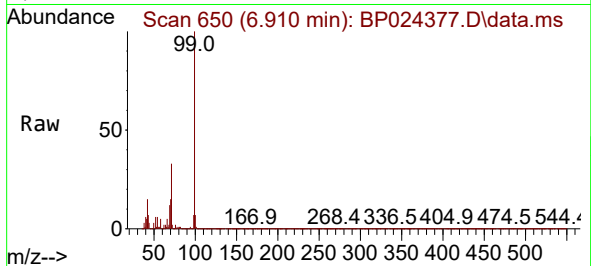




#7
Phenol-d6
Concen: 121.231 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

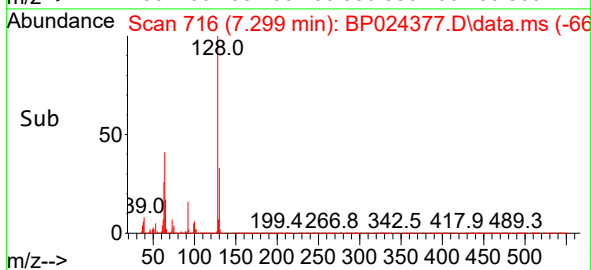
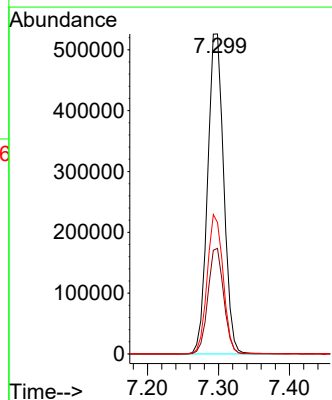
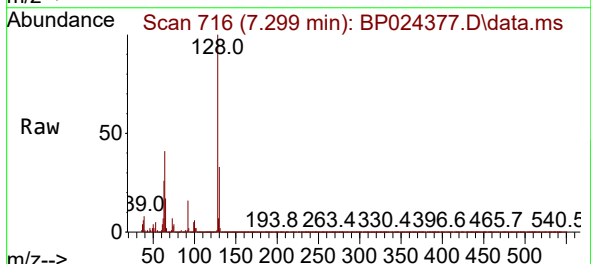
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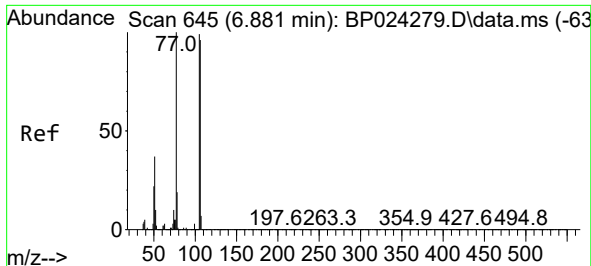
Tgt Ion: 99 Resp: 2745343
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.7 23.7 35.5



#8
2-Chlorophenol
Concen: 44.964 ng
RT: 7.299 min Scan# 716
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:128 Resp: 830254
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 41.1 22.7 62.7

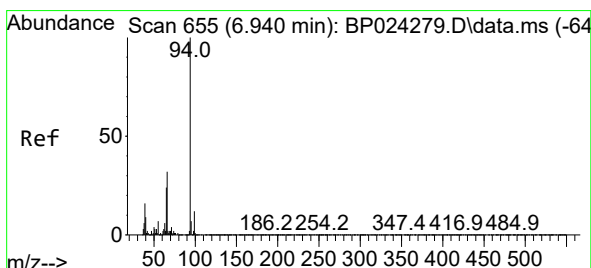
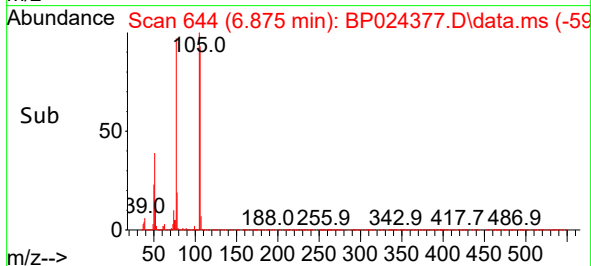
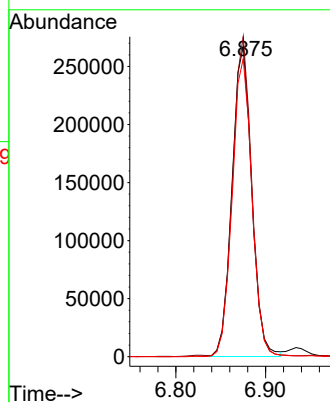
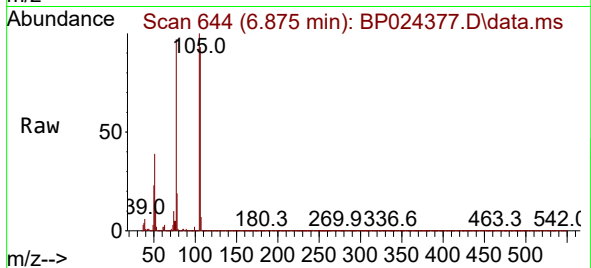




#9
Benzaldehyde
Concen: 36.431 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

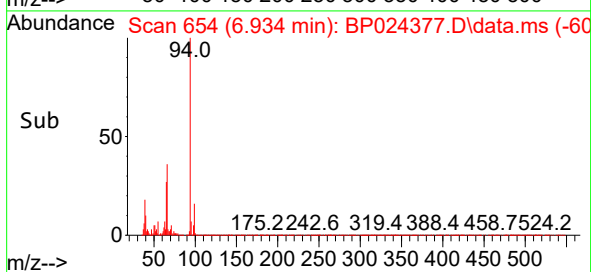
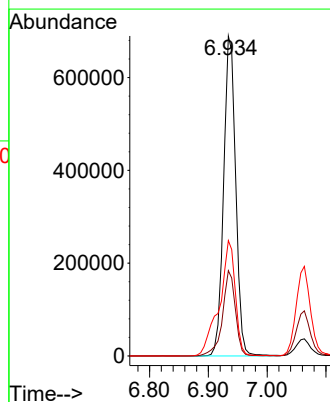
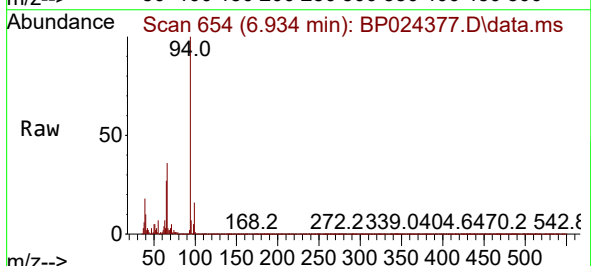
Instrument :
BNA_P
ClientSampleId :
PB167689BS

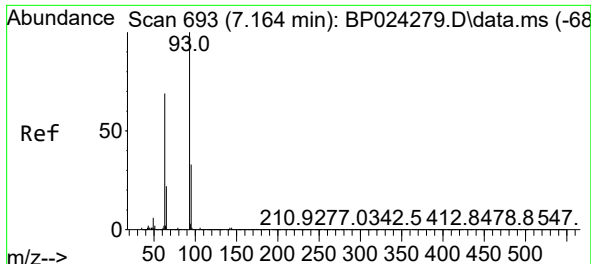
Tgt Ion: 77 Resp: 408096
Ion Ratio Lower Upper
77 100
105 103.2 79.2 119.2
106 96.0 76.2 116.2



#10
Phenol
Concen: 43.379 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 94 Resp: 985443
Ion Ratio Lower Upper
94 100
65 26.7 4.5 44.5
66 36.1 12.4 52.4

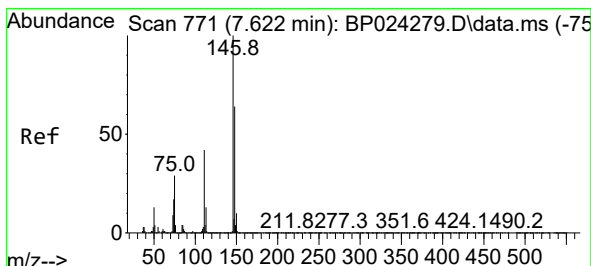
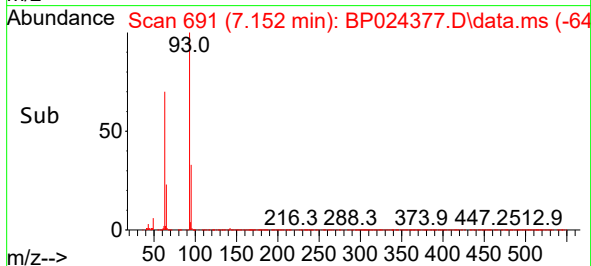
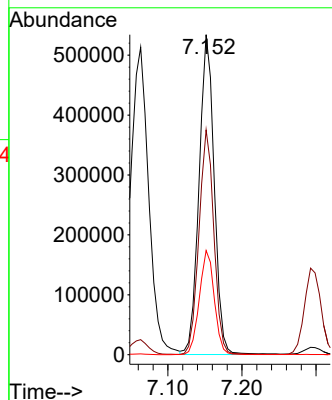
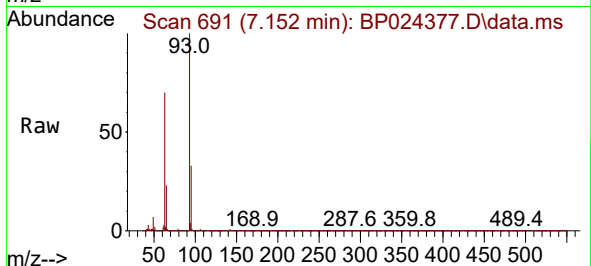




#11
bis(2-Chloroethyl)ether
Concen: 41.432 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

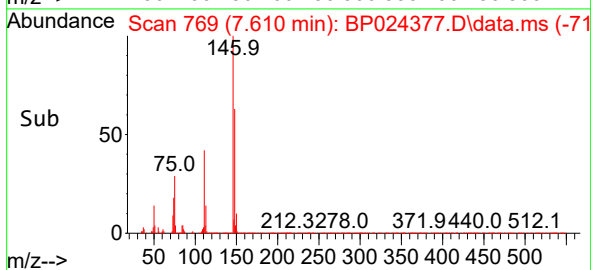
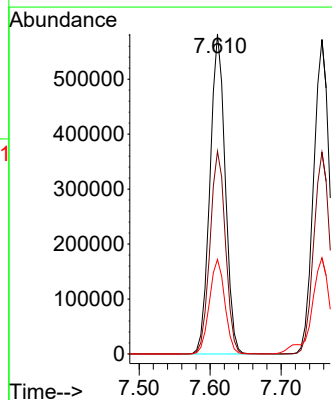
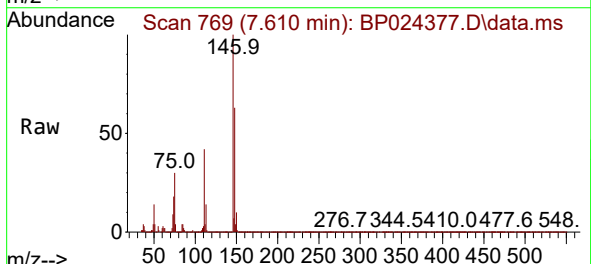
Instrument :
BNA_P
ClientSampleId :
PB167689BS

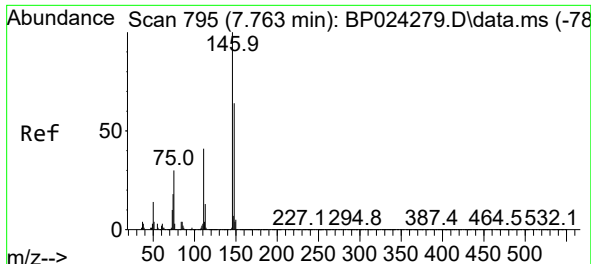
Tgt Ion: 93 Resp: 758339
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.685 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 146 Resp: 868397
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 29.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.027 ng

RT: 7.757 min Scan# 795

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

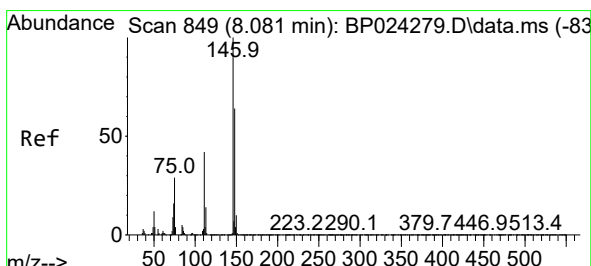
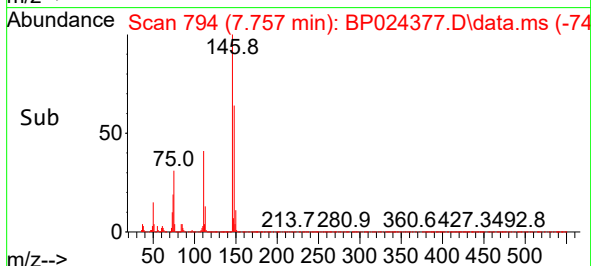
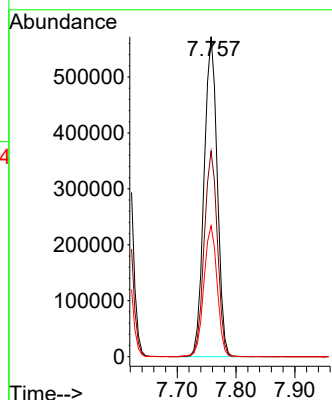
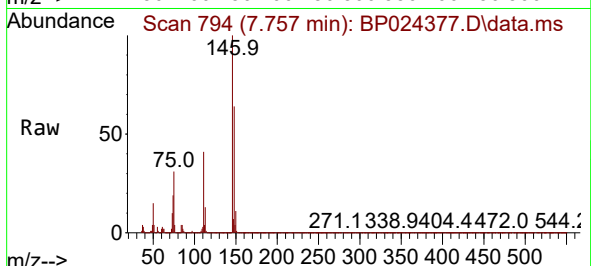
Tgt Ion:146 Resp: 888003

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 40.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 43.396 ng

RT: 8.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

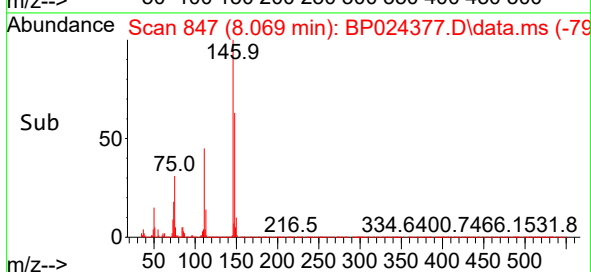
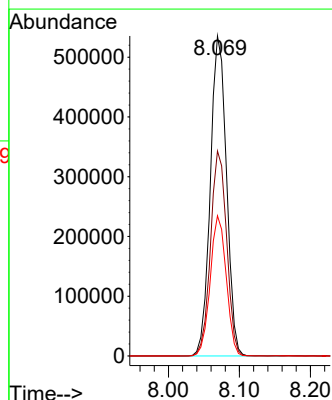
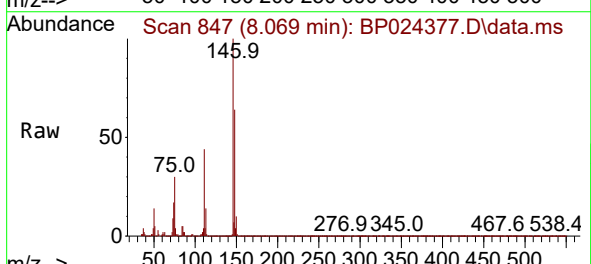
Tgt Ion:146 Resp: 845175

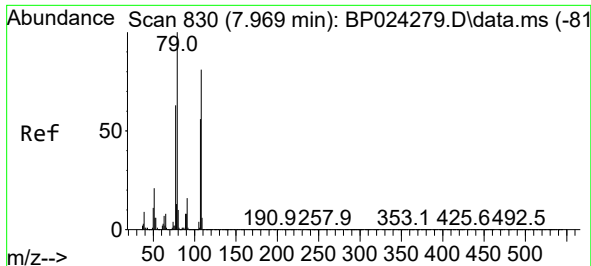
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

111 43.8 33.8 50.8

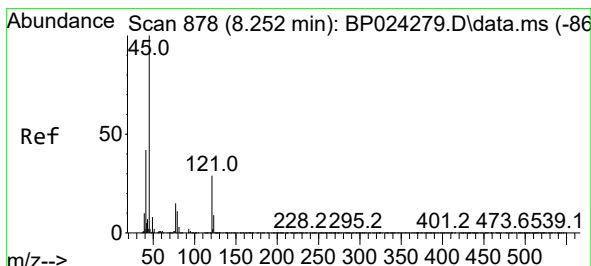
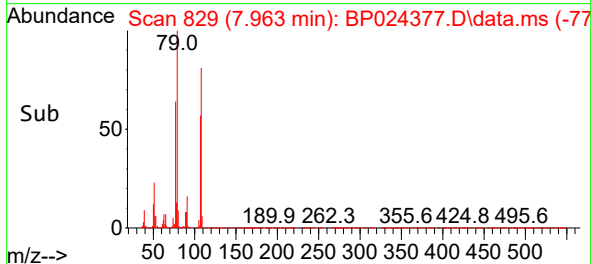
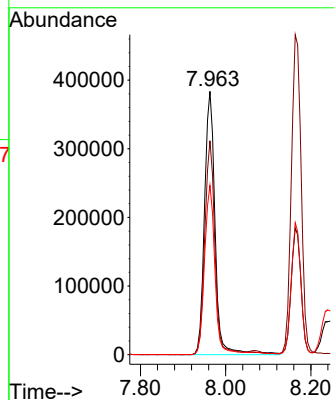
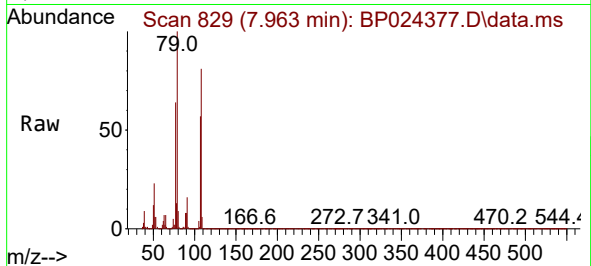




#15
Benzyl Alcohol
Concen: 45.021 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

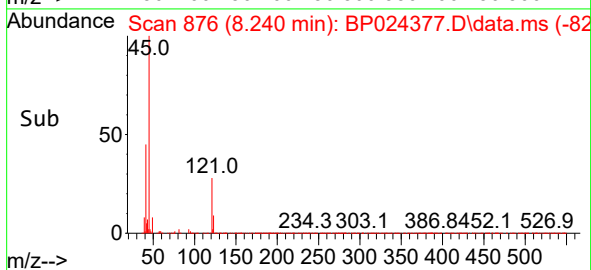
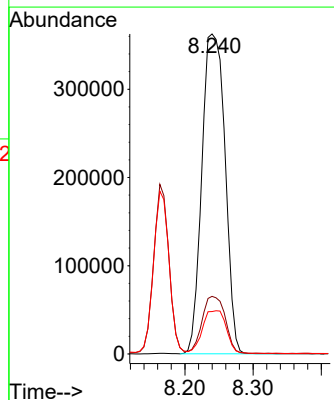
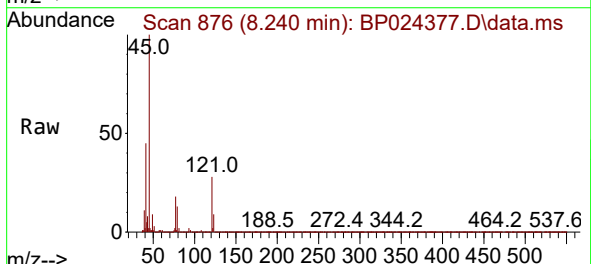
Instrument :
BNA_P
ClientSampleId :
PB167689BS

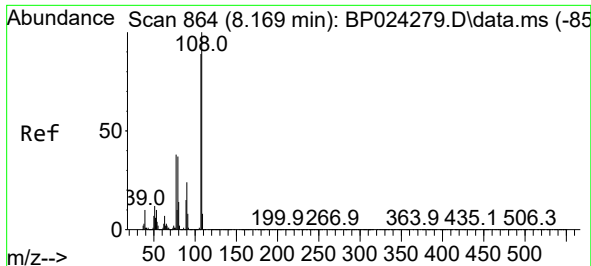
Tgt Ion: 79 Resp: 659329
Ion Ratio Lower Upper
79 100
108 81.2 65.1 97.7
77 64.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.324 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 45 Resp: 857118
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.7
79 13.2 0.0 33.5

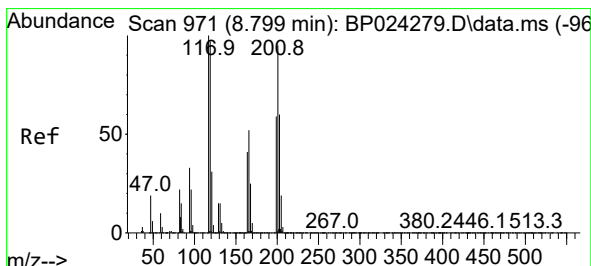
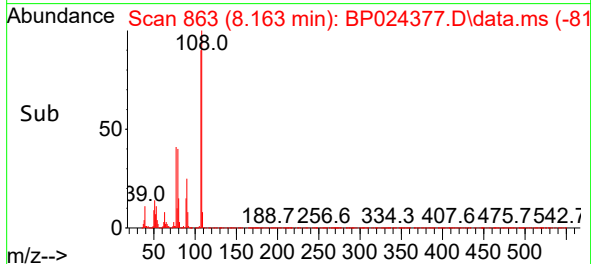
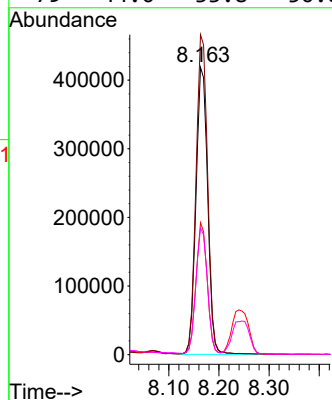
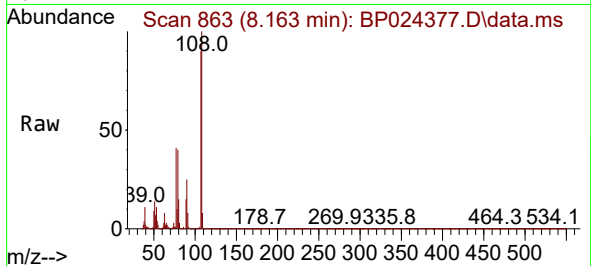




#17
2-Methylphenol
Concen: 45.889 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

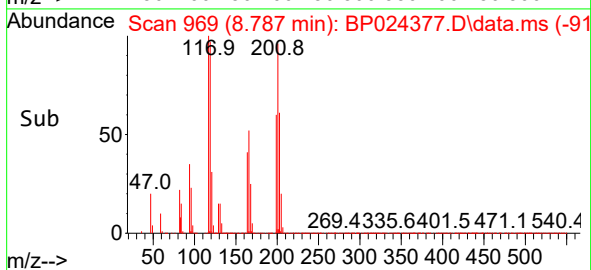
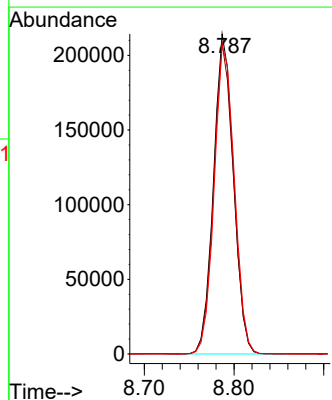
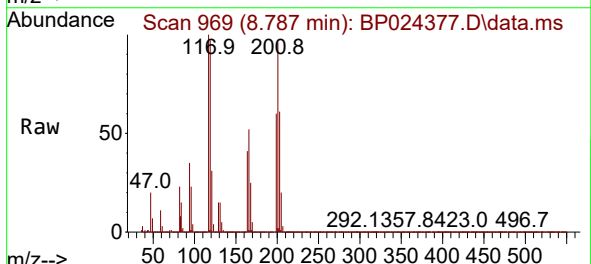
Instrument :
BNA_P
ClientSampleId :
PB167689BS

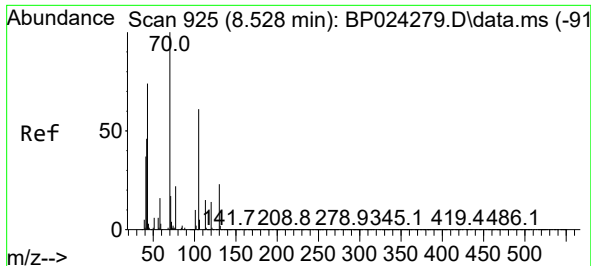
Tgt Ion:	107	Resp:	674363
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.6
77	45.9	34.2	51.4
79	44.0	33.8	50.8



#18
Hexachloroethane
Concen: 45.403 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:	117	Resp:	330941
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	96.4	75.9	113.9

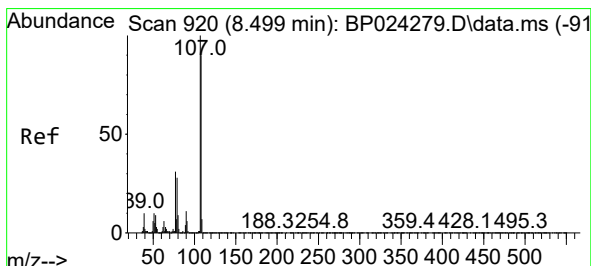
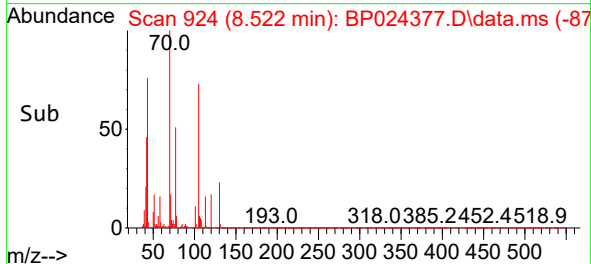
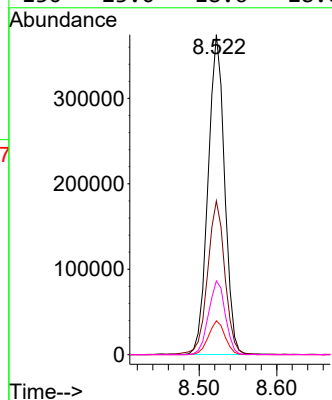
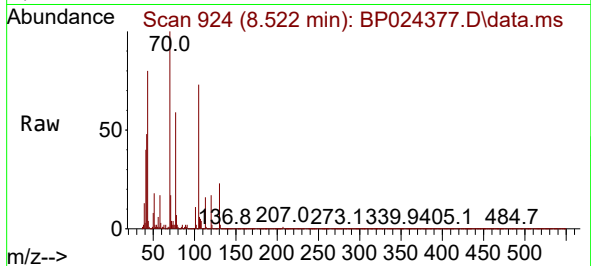




#19
n-Nitroso-di-n-propylamine
Concen: 39.507 ng
RT: 8.522 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

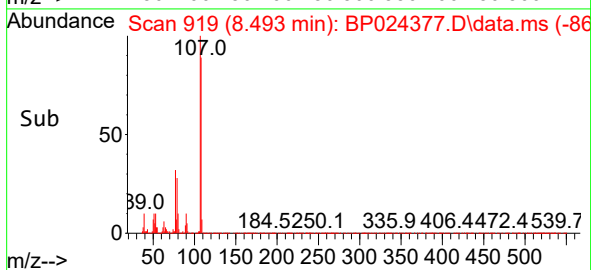
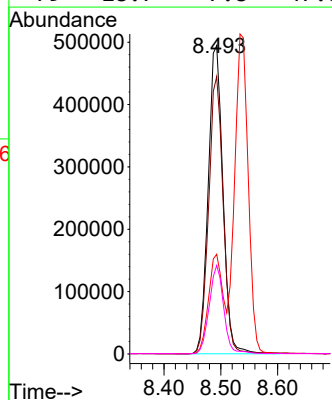
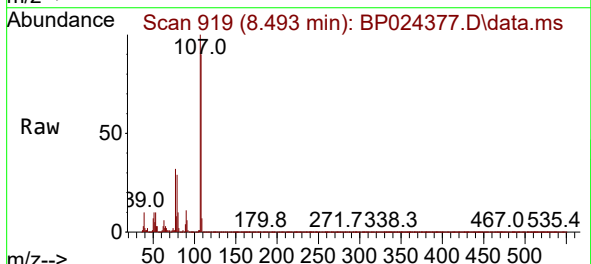
Instrument :
BNA_P
ClientSampleId :
PB167689BS

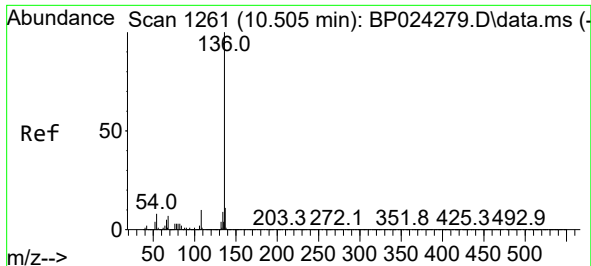
Tgt Ion: 70 Resp: 553491
Ion Ratio Lower Upper
70 100
42 48.1 37.3 55.9
101 10.6 8.2 12.4
130 23.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.512 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 107 Resp: 887250
Ion Ratio Lower Upper
107 100
108 89.9 69.8 109.8
77 32.3 11.5 51.5
79 28.7 7.8 47.8

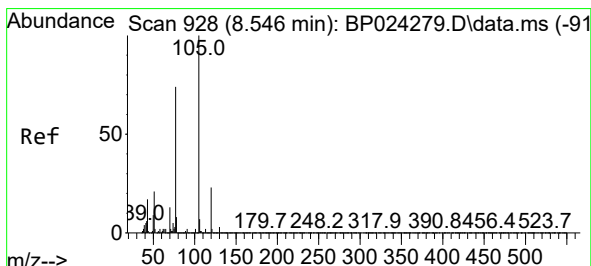
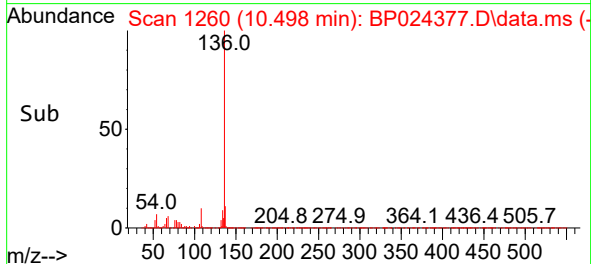
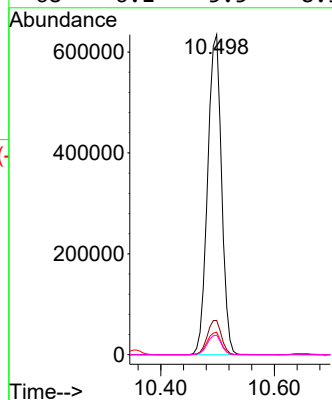
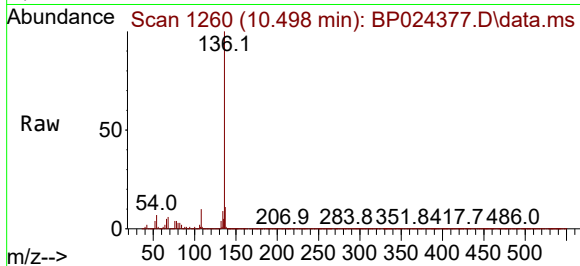




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

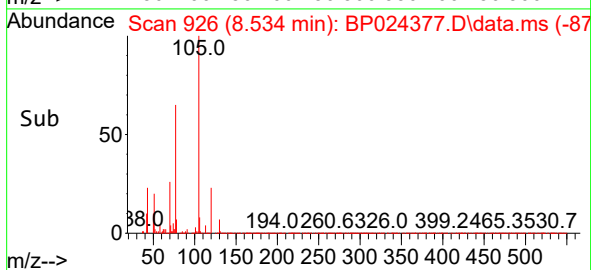
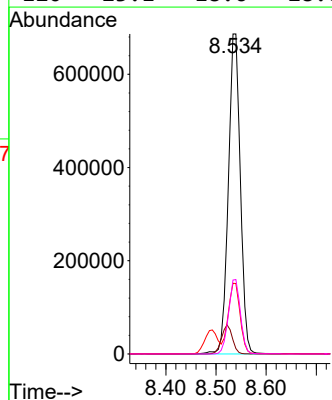
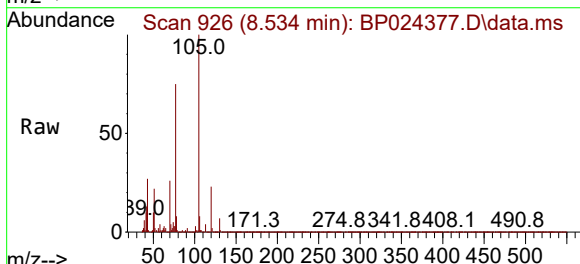
Instrument :
BNA_P
ClientSampleId :
PB167689BS

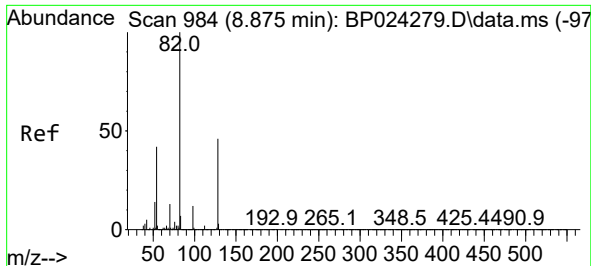
Tgt Ion:136 Resp: 1074031
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.0 6.0 9.0
68 6.1 5.5 8.3



#22
Acetophenone
Concen: 42.944 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:105 Resp: 1141571
Ion Ratio Lower Upper
105 100
71 4.3 1.7 2.5#
51 22.1 16.9 25.3
120 23.1 18.6 28.0

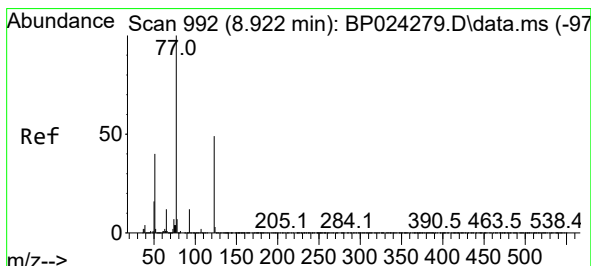
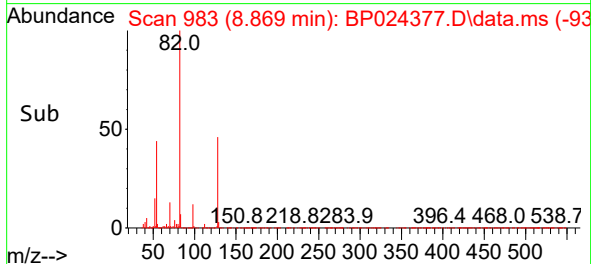
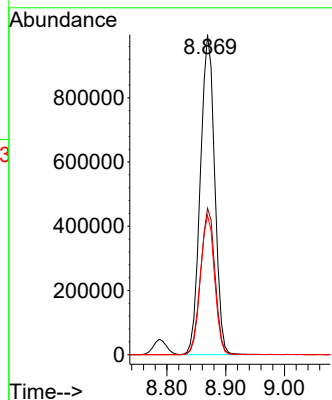
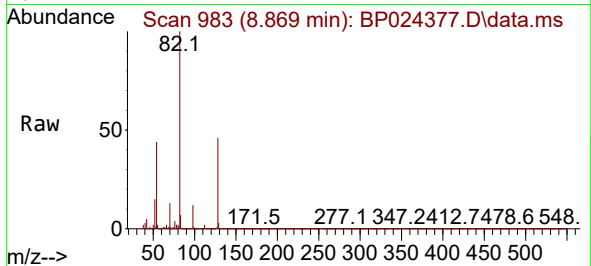




#23
Nitrobenzene-d5
Concen: 89.512 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

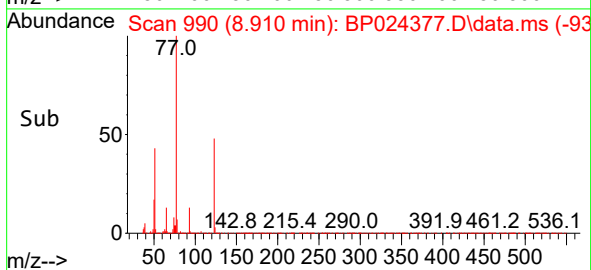
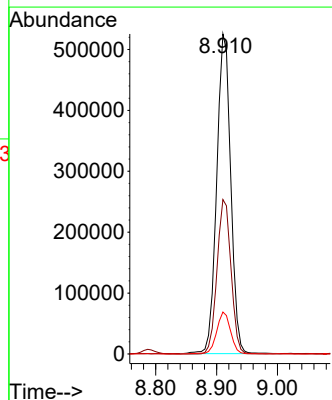
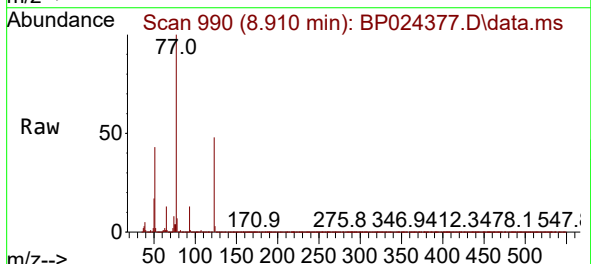
Instrument :
BNA_P
ClientSampleId :
PB167689BS

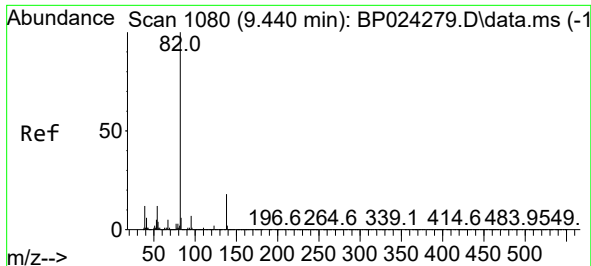
Tgt Ion: 82 Resp: 1686020
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 43.6 33.4 50.2



#24
Nitrobenzene
Concen: 45.023 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 77 Resp: 838925
Ion Ratio Lower Upper
77 100
123 48.2 39.2 58.8
65 13.1 9.8 14.6

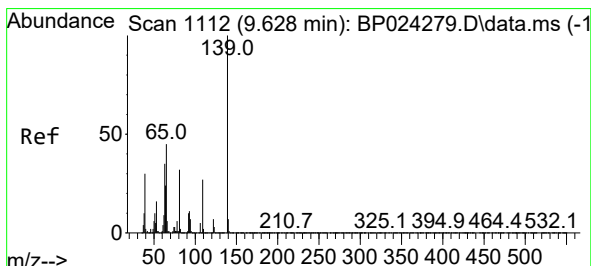
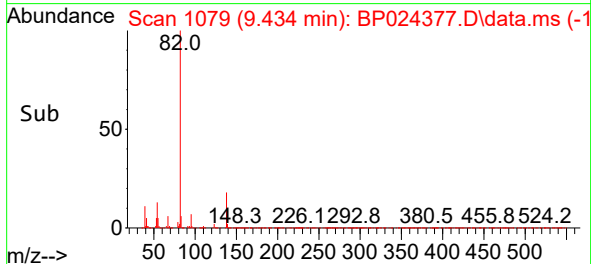
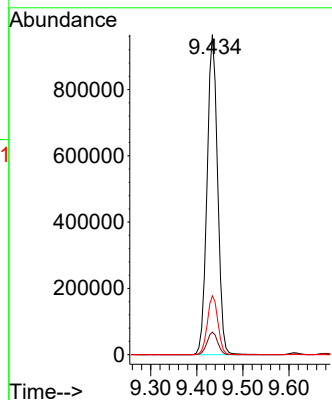
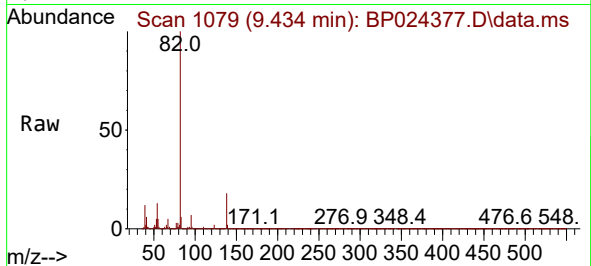




#25
Isophorone
Concen: 45.168 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

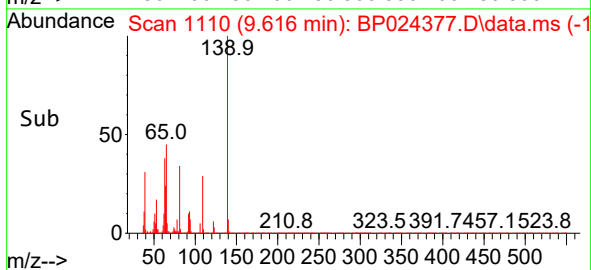
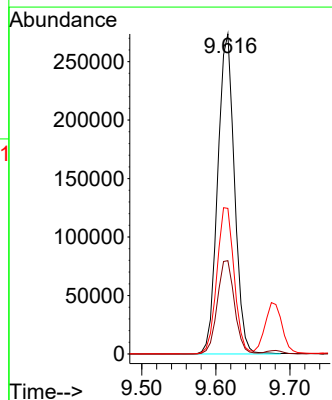
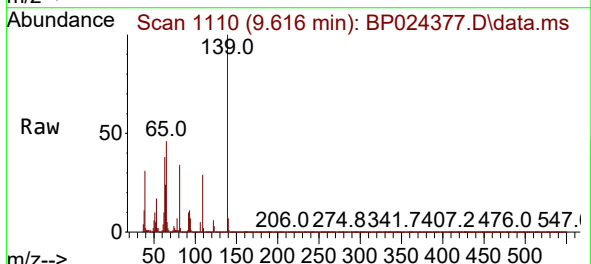
Instrument :
BNA_P
ClientSampleId :
PB167689BS

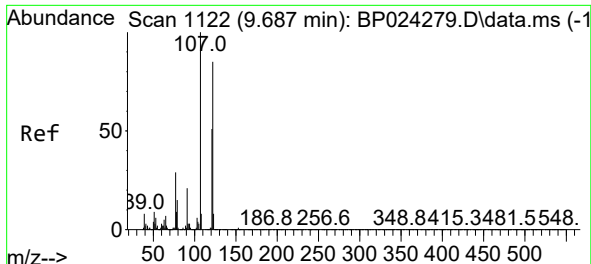
Tgt Ion: 82 Resp: 1539939
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.4 14.4 21.6



#26
2-Nitrophenol
Concen: 46.994 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 139 Resp: 428520
Ion Ratio Lower Upper
139 100
109 29.2 21.8 32.6
65 45.5 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 63.740 ng

RT: 9.681 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

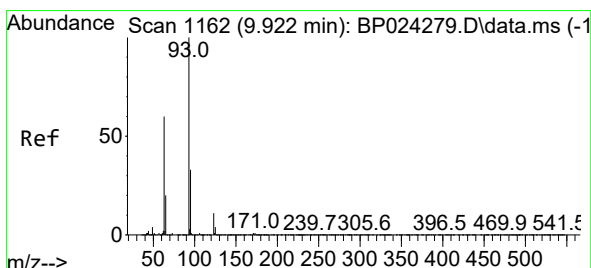
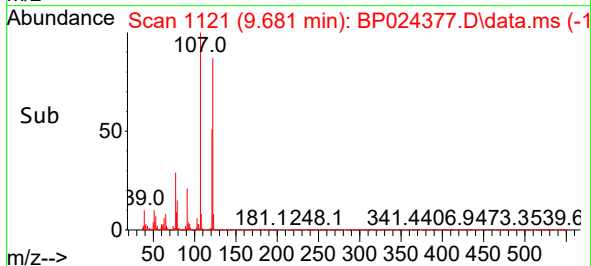
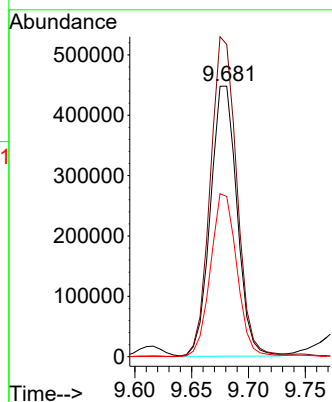
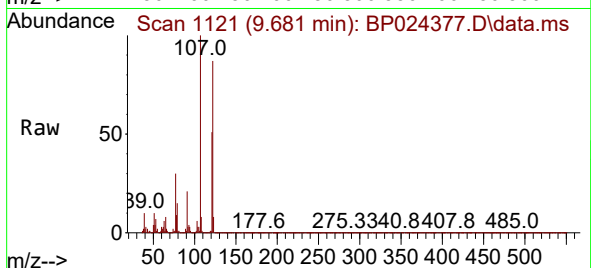
Tgt Ion:122 Resp: 729797

Ion Ratio Lower Upper

122 100

107 115.4 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.496 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

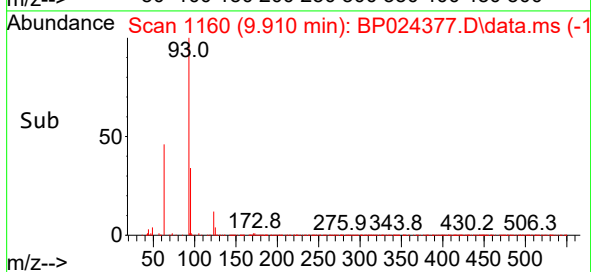
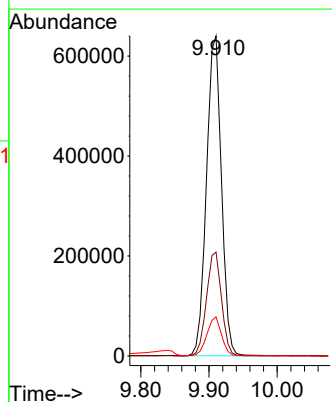
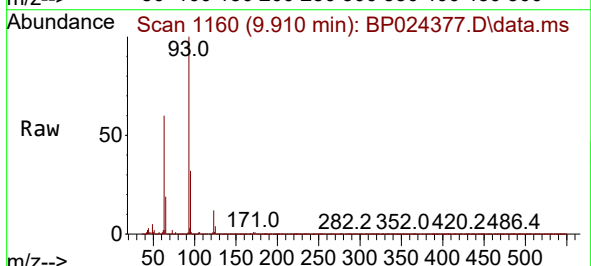
Tgt Ion: 93 Resp: 978751

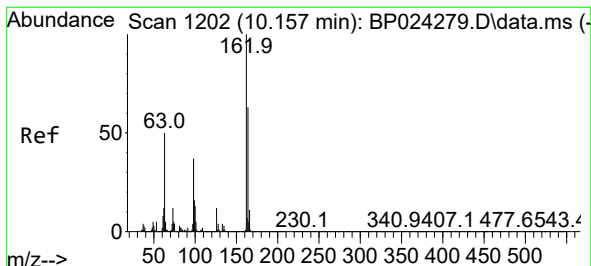
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.927 ng

RT: 10.151 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

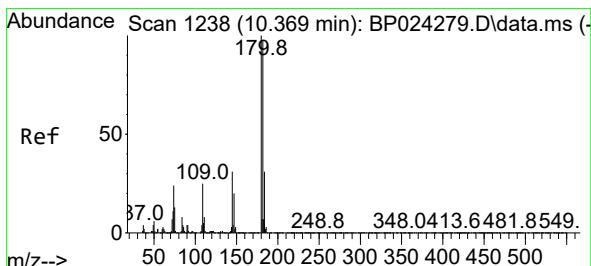
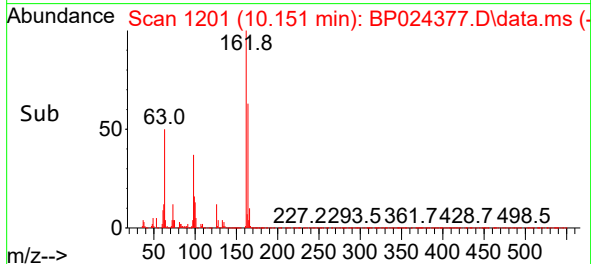
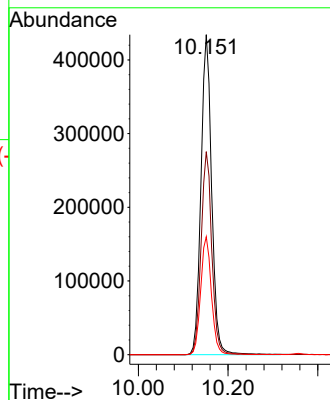
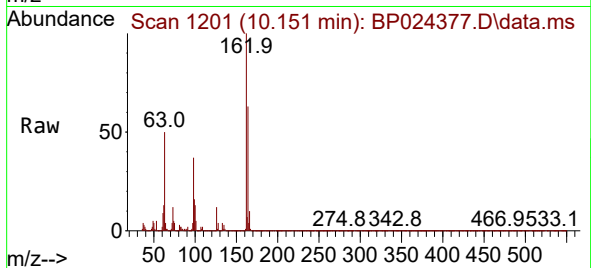
Tgt Ion:162 Resp: 716991

Ion Ratio Lower Upper

162 100

164 63.5 43.3 83.3

98 36.9 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.375 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

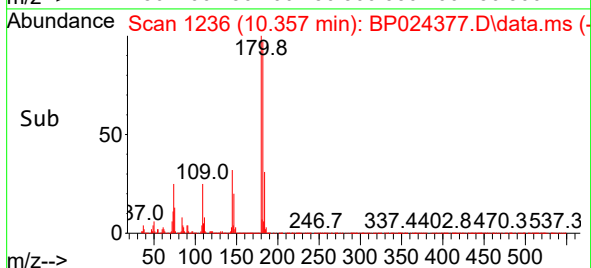
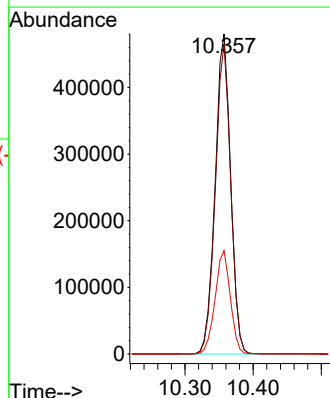
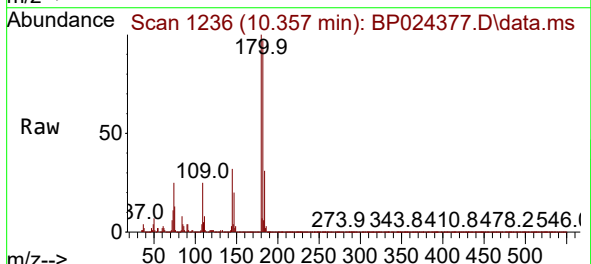
Tgt Ion:180 Resp: 758970

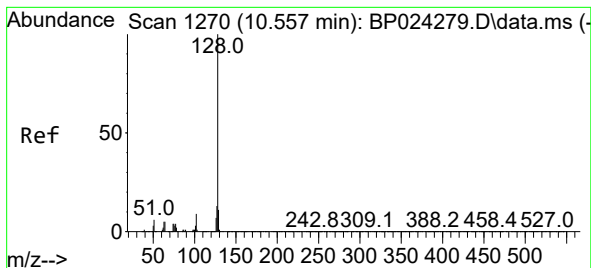
Ion Ratio Lower Upper

180 100

182 97.0 77.3 115.9

145 32.3 25.1 37.7

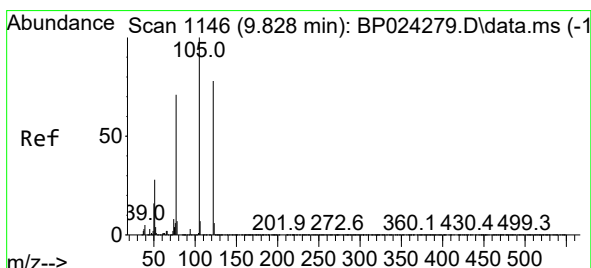
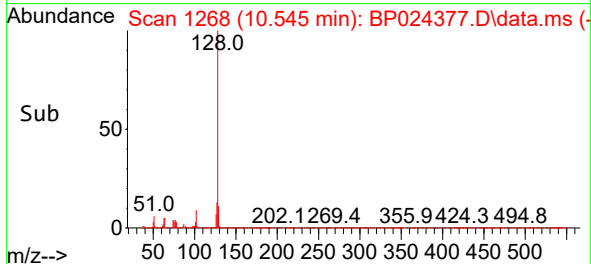
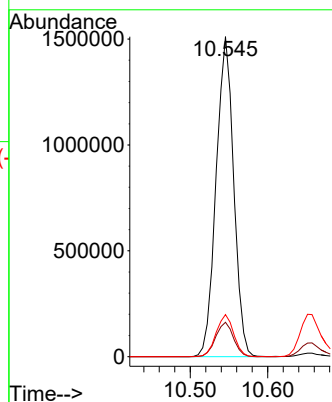
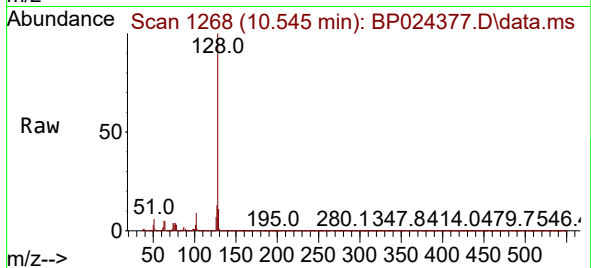




#31
Naphthalene
Concen: 42.077 ng
RT: 10.545 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

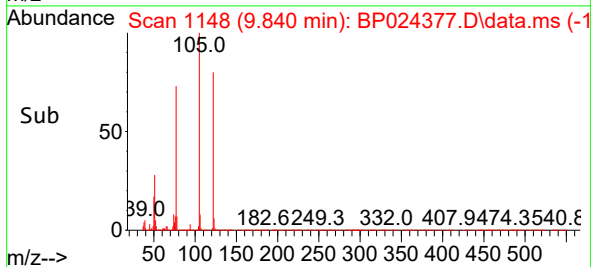
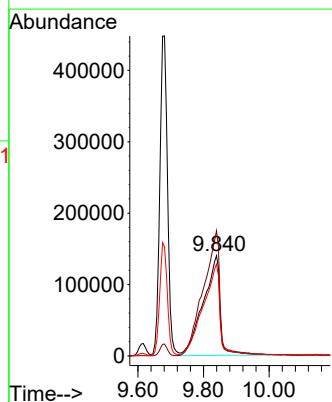
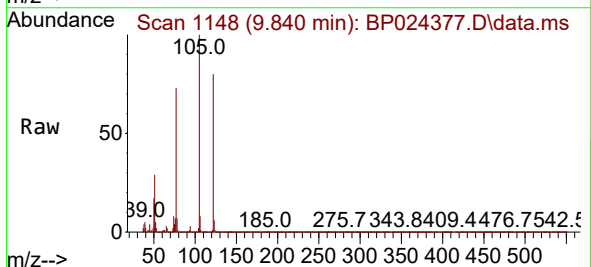
Instrument :
BNA_P
ClientSampleId :
PB167689BS

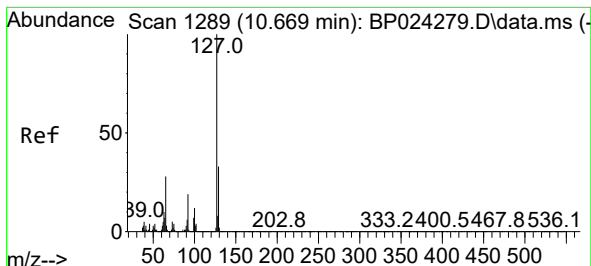
Tgt Ion:128 Resp: 2380570
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 37.668 ng
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:122 Resp: 502543
Ion Ratio Lower Upper
122 100
105 124.9 104.8 144.8
77 91.6 69.2 109.2





#33

4-Chloroaniline

Concen: 20.298 ng

RT: 10.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

Tgt Ion:127 Resp: 404414

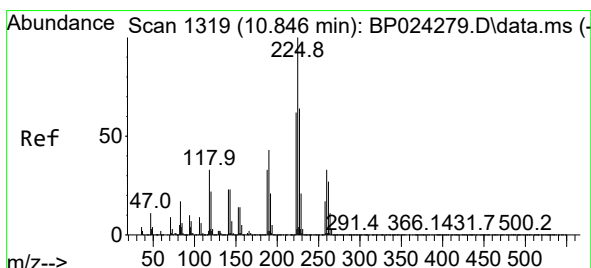
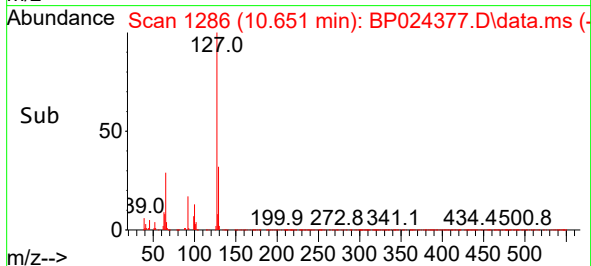
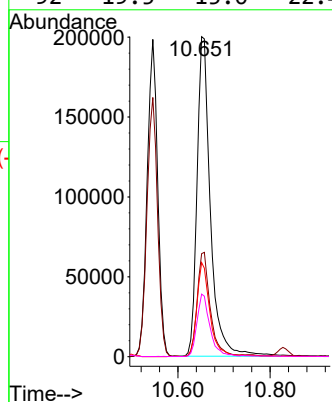
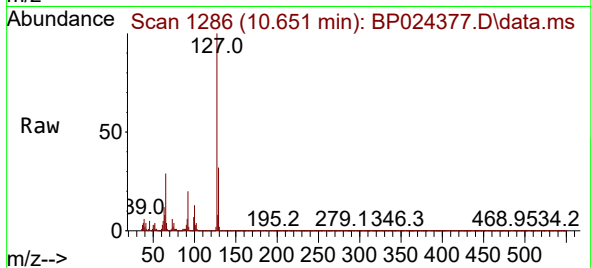
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.4 22.1 33.1

92 19.5 15.0 22.4



#34

Hexachlorobutadiene

Concen: 47.645 ng

RT: 10.828 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

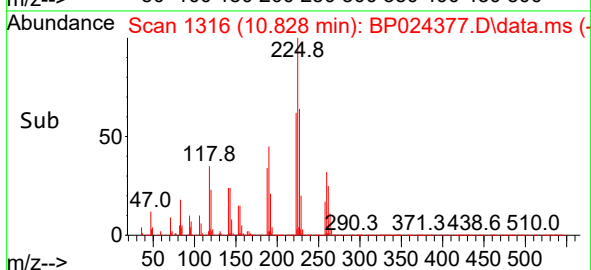
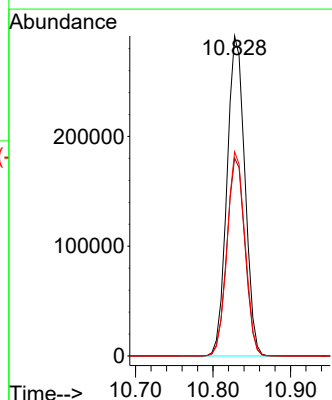
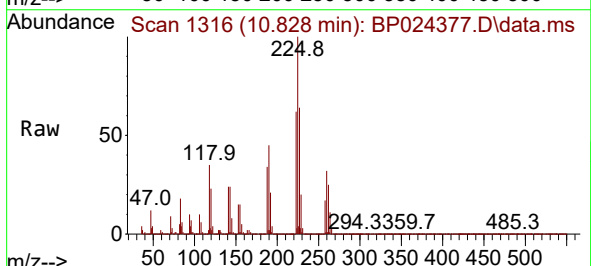
Tgt Ion:225 Resp: 468300

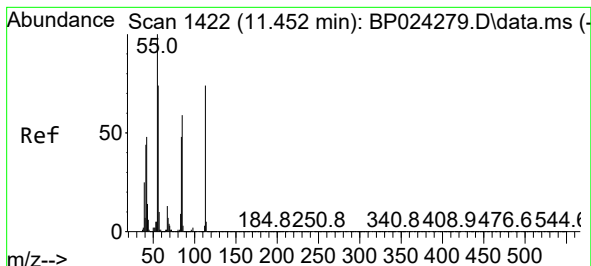
Ion Ratio Lower Upper

225 100

223 61.8 49.5 74.3

227 63.8 50.9 76.3

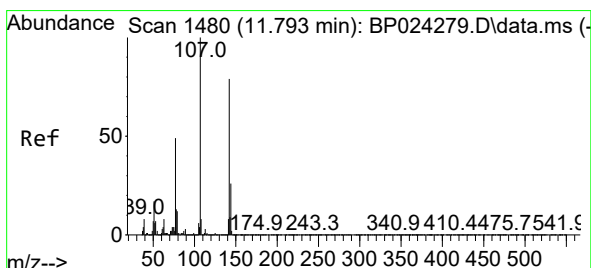
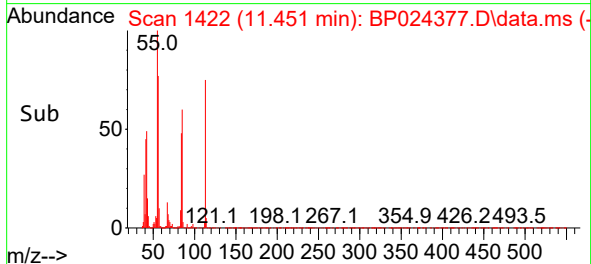
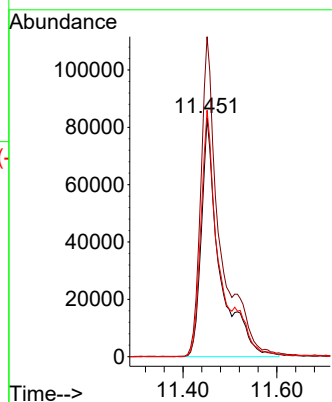
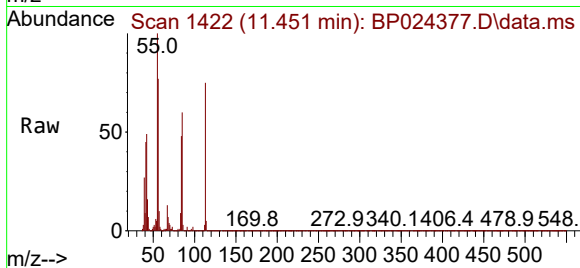




#35
Caprolactam
Concen: 39.059 ng m
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

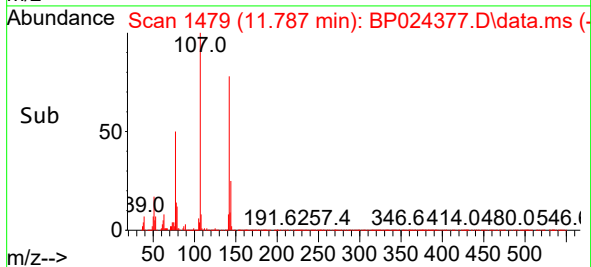
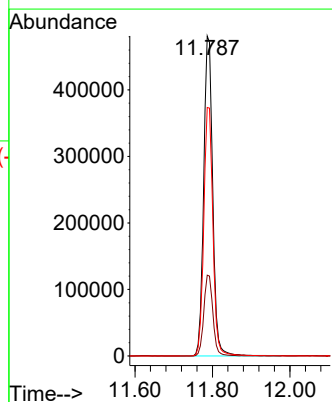
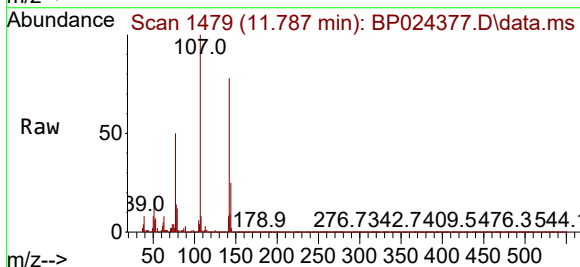
Instrument :
BNA_P
ClientSampleId :
PB167689BS

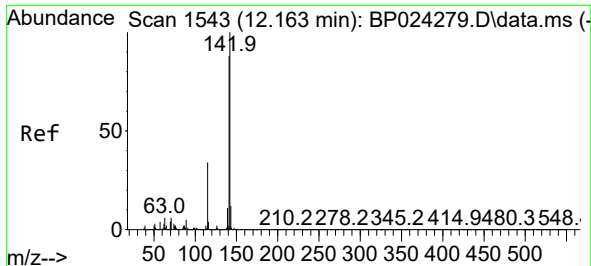
Tgt Ion:113 Resp: 224991
Ion Ratio Lower Upper
113 100
55 134.0 115.9 155.9
56 103.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 42.685 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:107 Resp: 776173
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 77.6 63.4 95.2

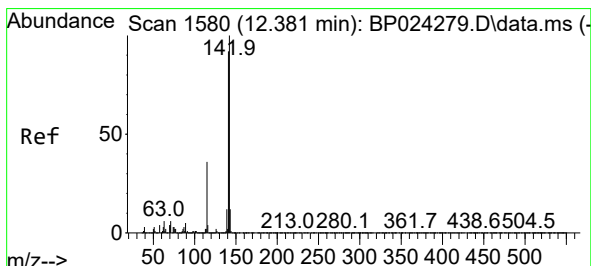
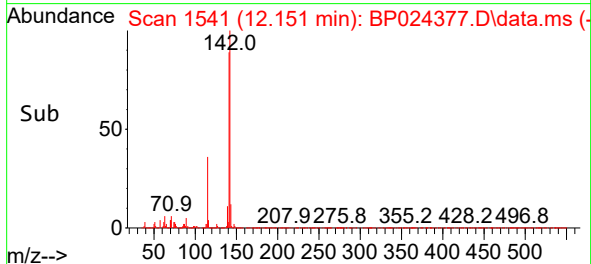
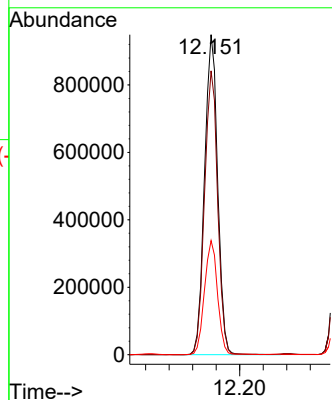
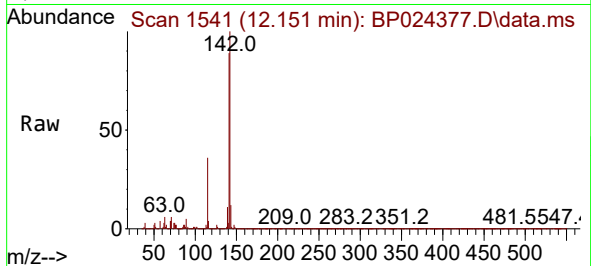




#37
2-Methylnaphthalene
Concen: 37.278 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

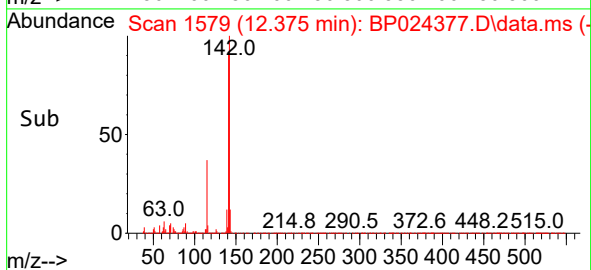
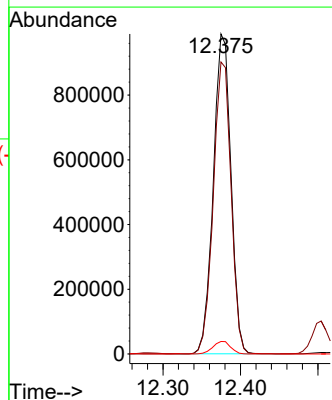
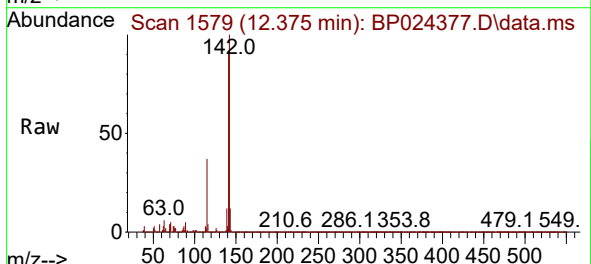
Instrument :
BNA_P
ClientSampleId :
PB167689BS

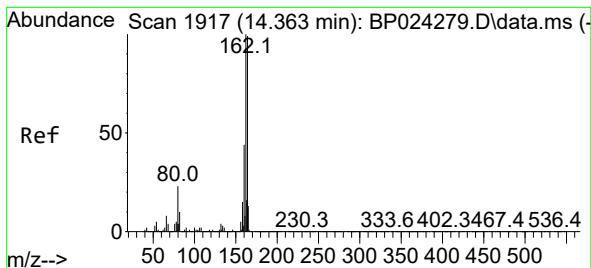
Tgt Ion:142 Resp: 1462651
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 35.7 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.658 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:142 Resp: 1560607
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

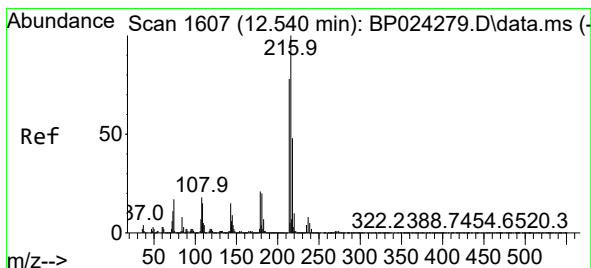
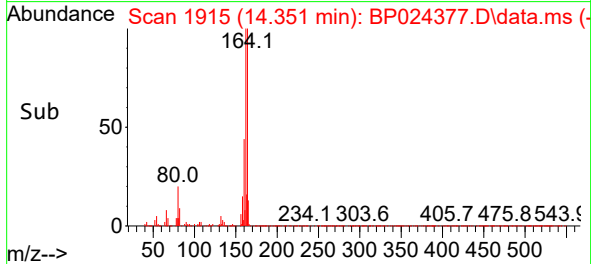
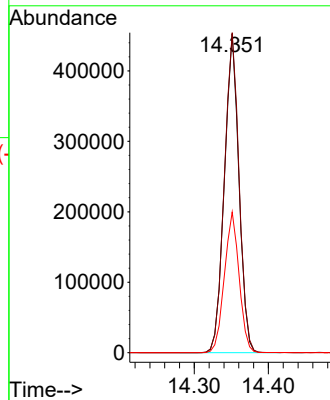
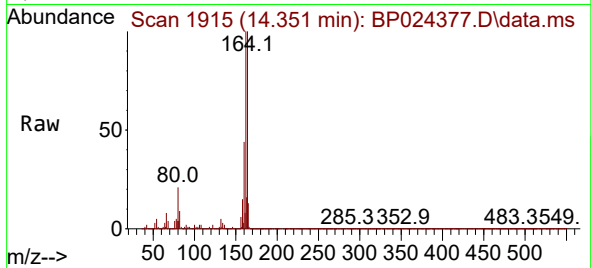
Tgt Ion:164 Resp: 616298

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.1 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.740 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Tgt Ion:216 Resp: 792156

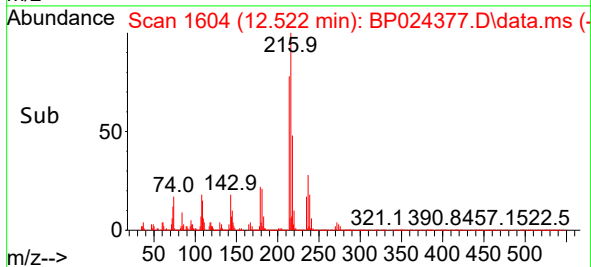
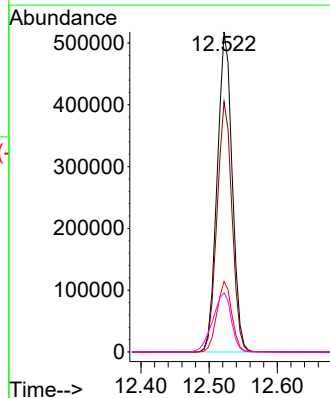
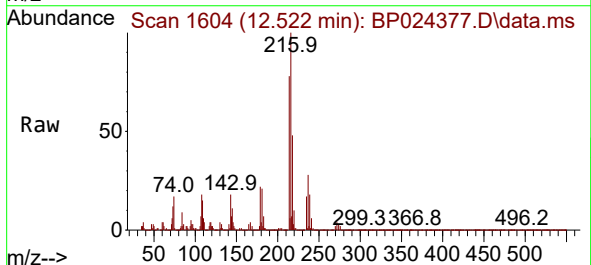
Ion Ratio Lower Upper

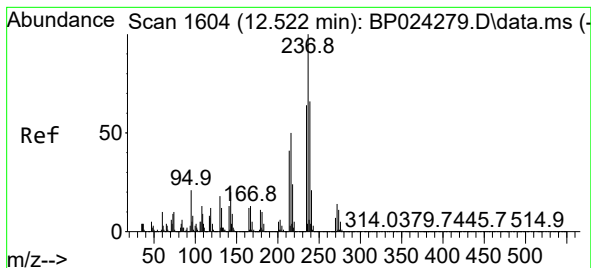
216 100

214 78.3 62.6 93.8

179 21.9 17.2 25.8

108 22.9 15.0 22.6#

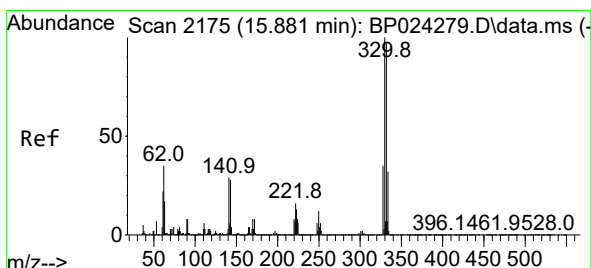
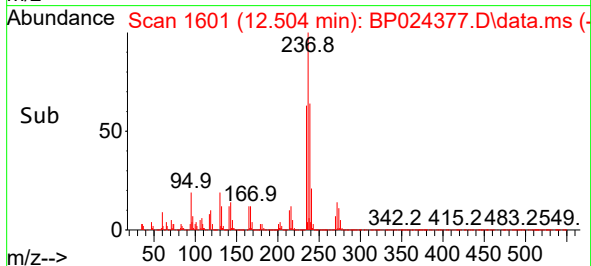
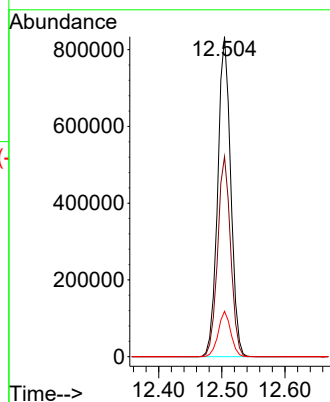
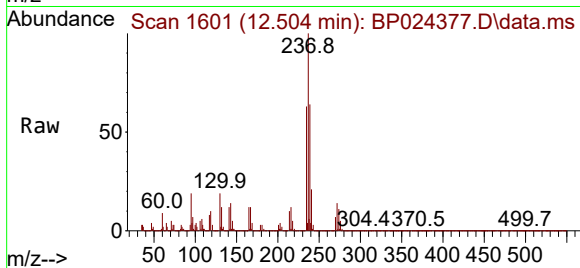




#41
Hexachlorocyclopentadiene
Concen: 198.515 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

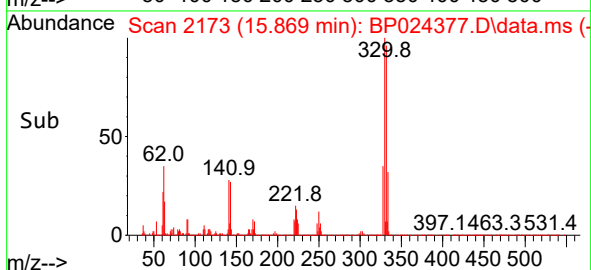
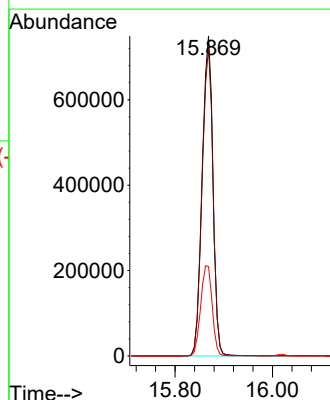
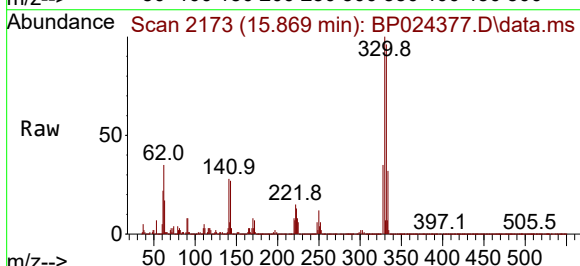
Instrument :
BNA_P
ClientSampleId :
PB167689BS

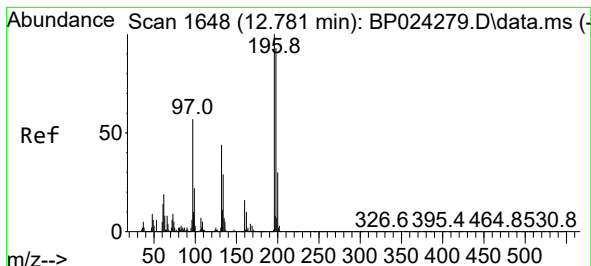
Tgt Ion:237 Resp: 1189932
Ion Ratio Lower Upper
237 100
235 62.5 43.9 83.9
272 14.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.255 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:330 Resp: 1153297
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.0 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.519 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

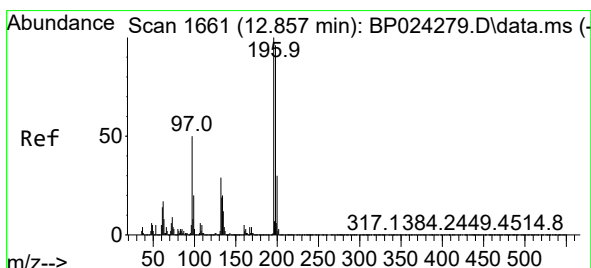
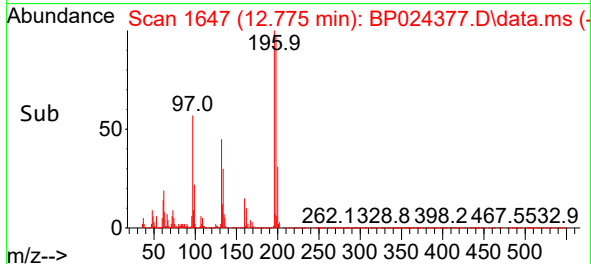
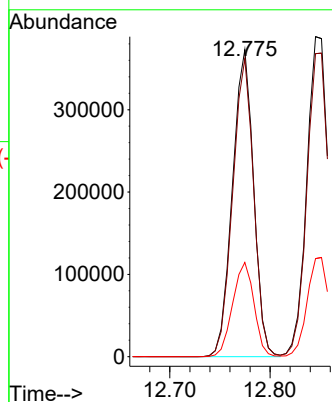
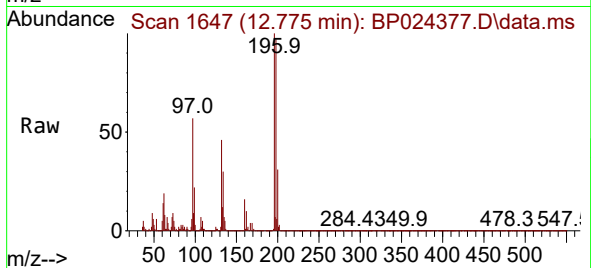
Tgt Ion:196 Resp: 546717

Ion Ratio Lower Upper

196 100

198 97.1 74.3 111.5

200 30.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.013 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Tgt Ion:196 Resp: 599108

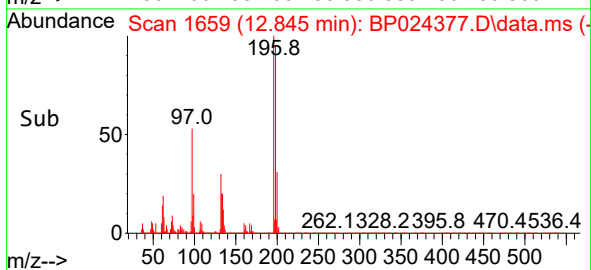
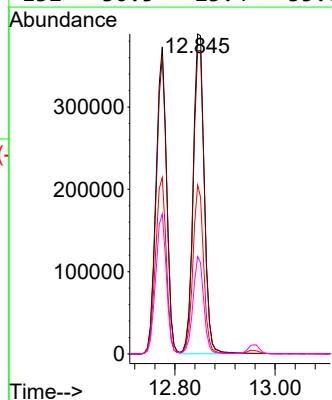
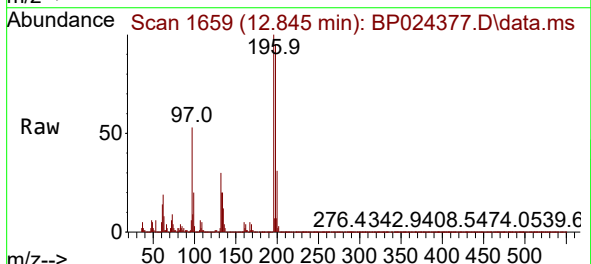
Ion Ratio Lower Upper

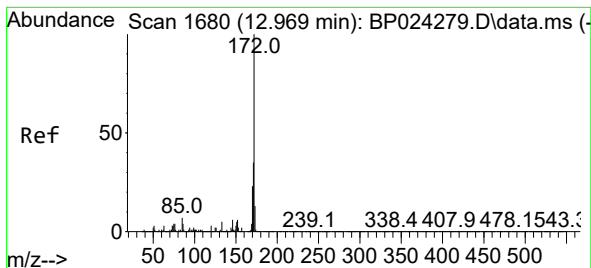
196 100

198 94.7 77.3 115.9

97 52.8 40.4 60.6

132 30.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 90.546 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

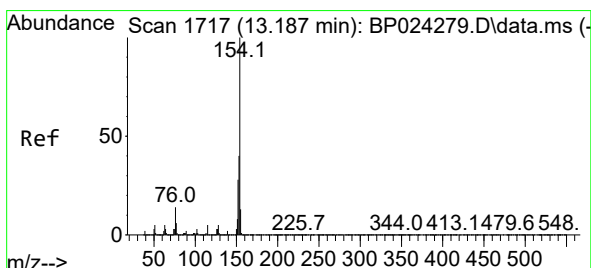
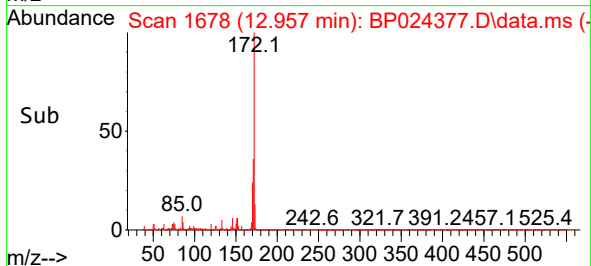
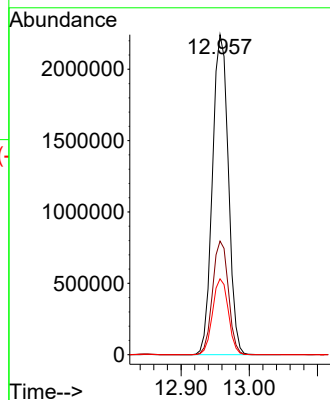
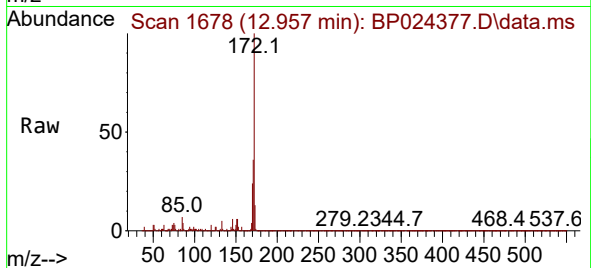
Tgt Ion:172 Resp: 3644618

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.465 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

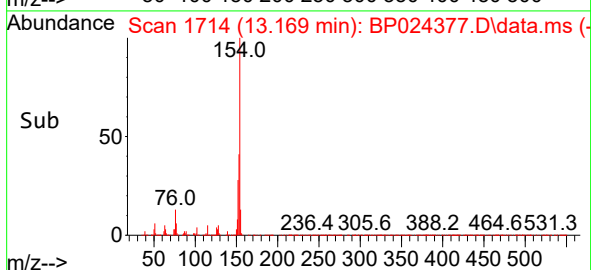
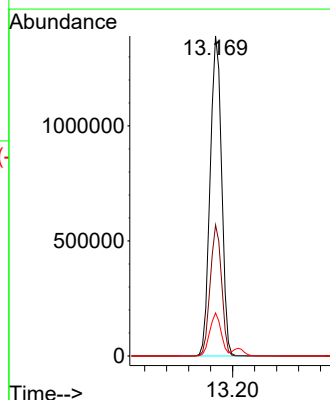
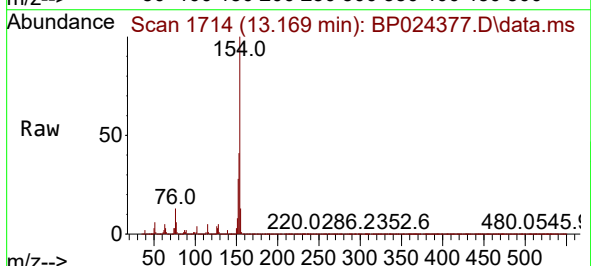
Tgt Ion:154 Resp: 2014318

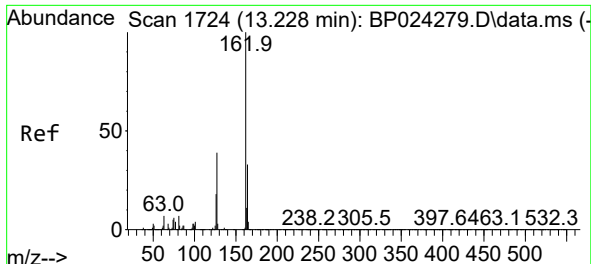
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.4 0.0 33.5

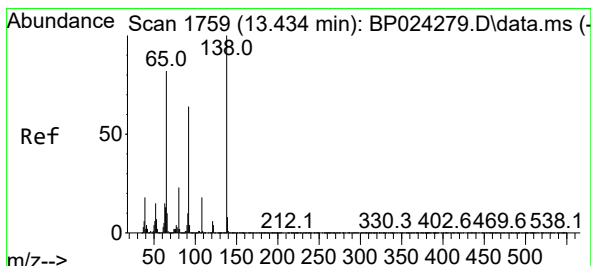
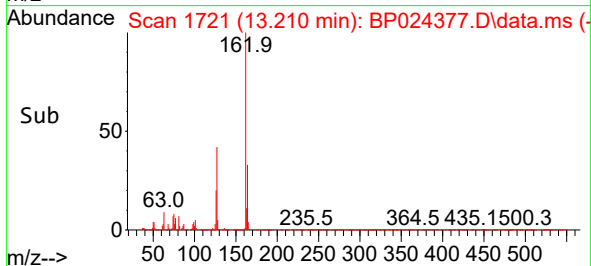
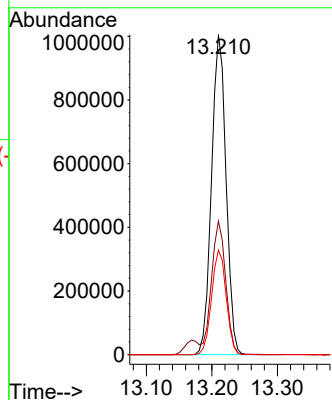
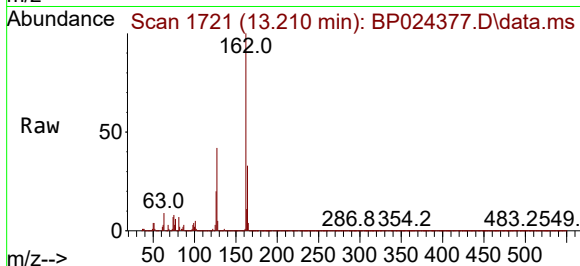




#47
2-Chloronaphthalene
Concen: 45.627 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

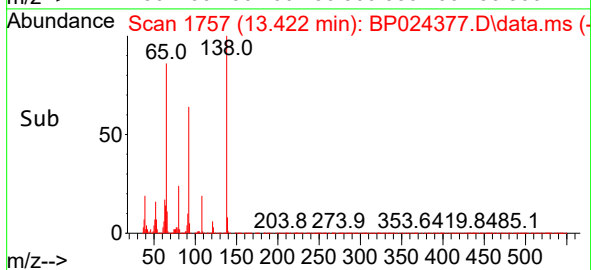
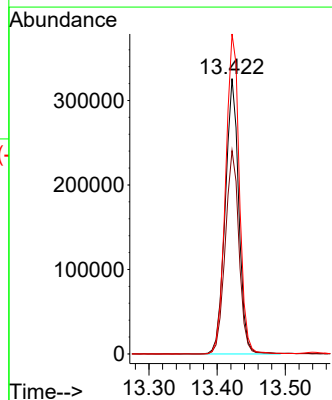
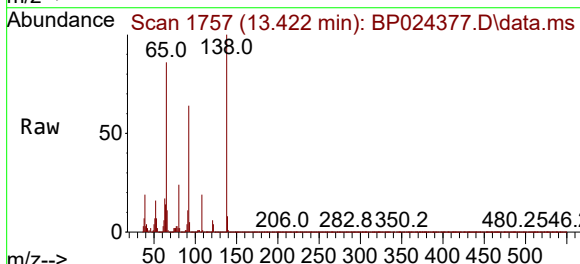
Instrument :
BNA_P
ClientSampleId :
PB167689BS

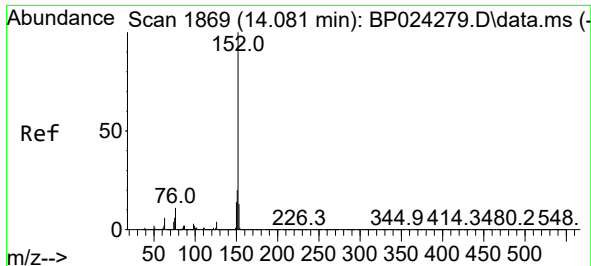
Tgt Ion:162 Resp: 1544814
Ion Ratio Lower Upper
162 100
127 41.8 31.9 47.9
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 47.622 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 65 Resp: 452272
Ion Ratio Lower Upper
65 100
92 73.9 62.3 93.5
138 116.2 97.2 145.8

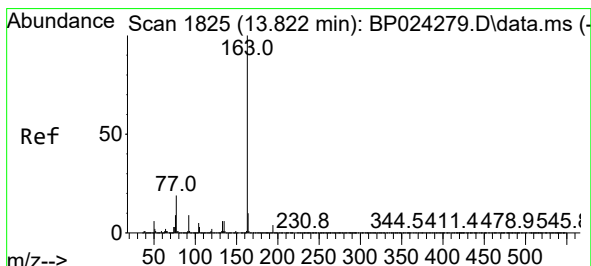
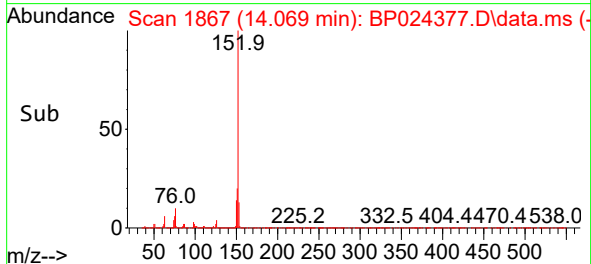
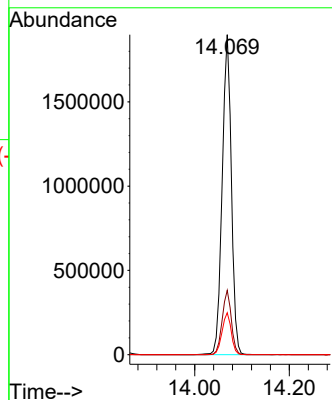
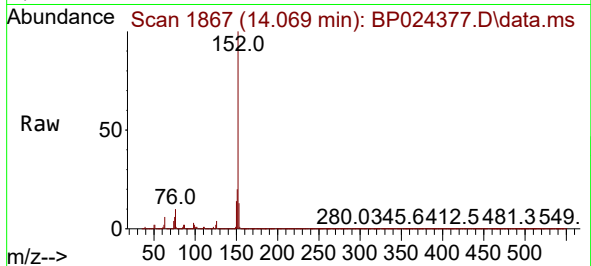




#49
Acenaphthylene
Concen: 47.747 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

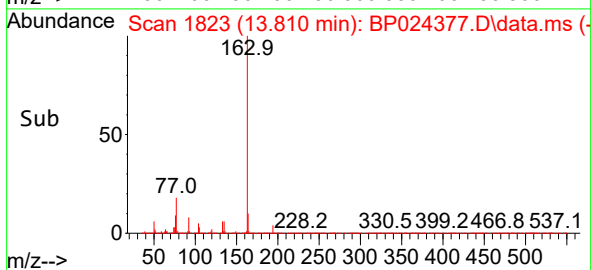
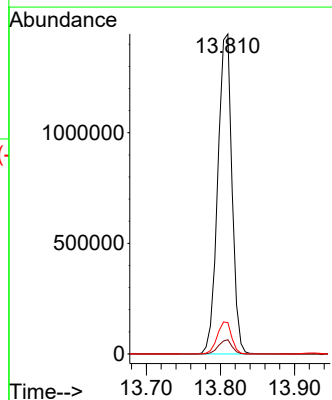
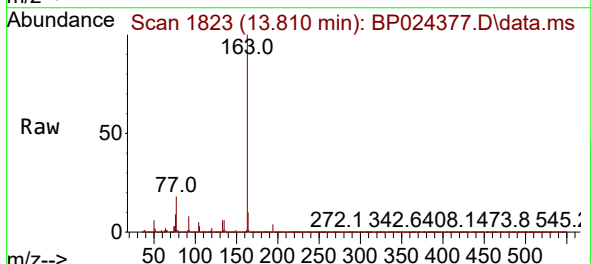
Instrument :
BNA_P
ClientSampleId :
PB167689BS

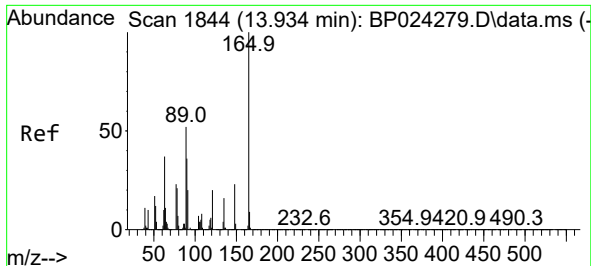
Tgt Ion:152 Resp: 2545203
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 42.939 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:163 Resp: 1924444
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.8 8.0 12.0

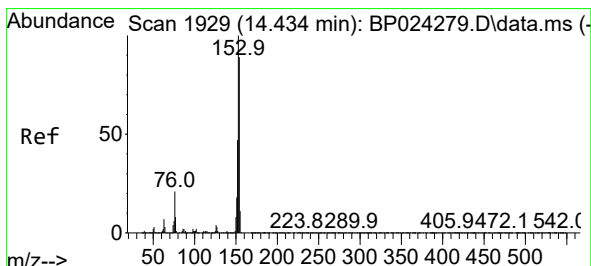
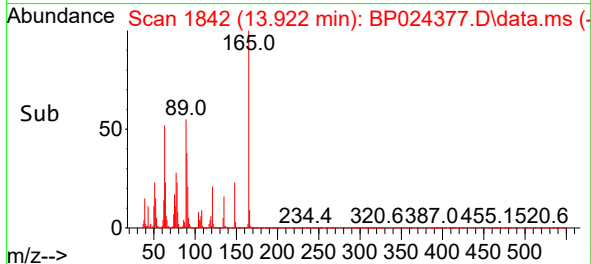
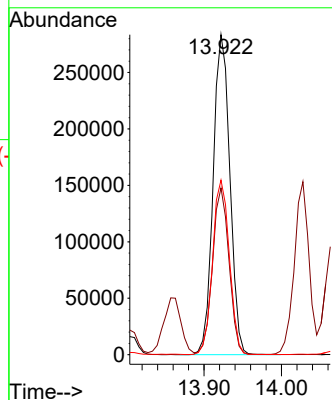
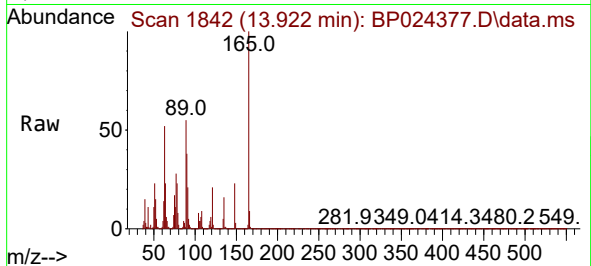




#51
2,6-Dinitrotoluene
Concen: 44.703 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

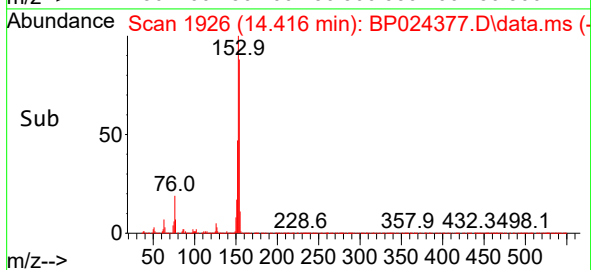
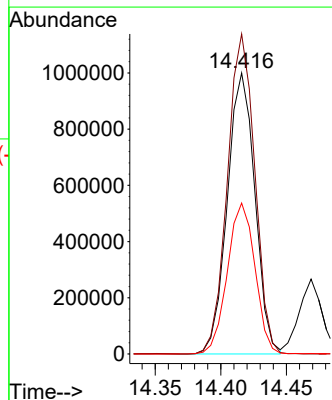
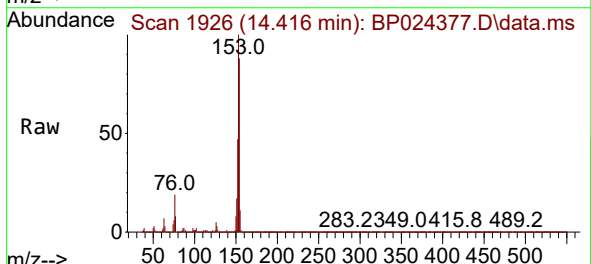
Instrument :
BNA_P
ClientSampleId :
PB167689BS

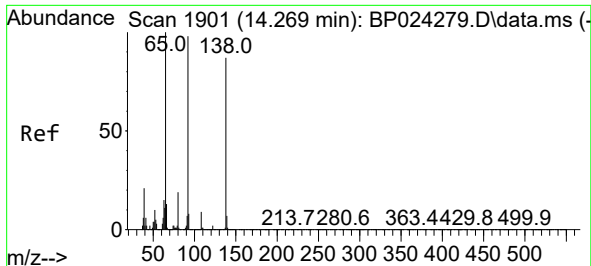
Tgt Ion:165 Resp: 425444
Ion Ratio Lower Upper
165 100
63 52.1 38.0 57.0
89 54.6 41.7 62.5



#52
Acenaphthene
Concen: 43.340 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:154 Resp: 1464655
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.6
152 53.7 42.6 63.8

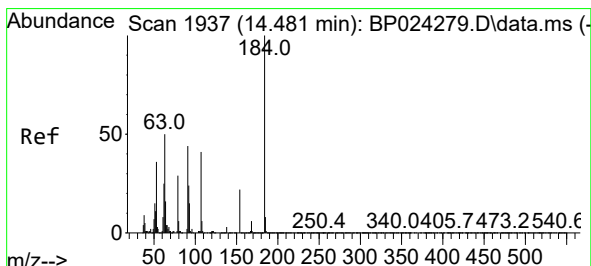
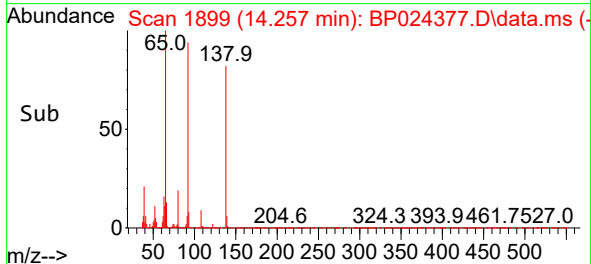
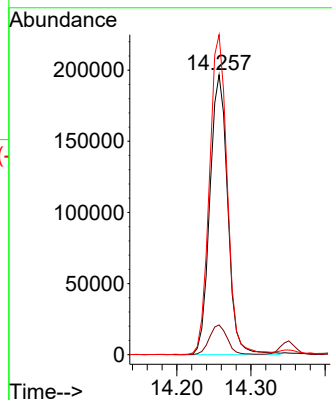
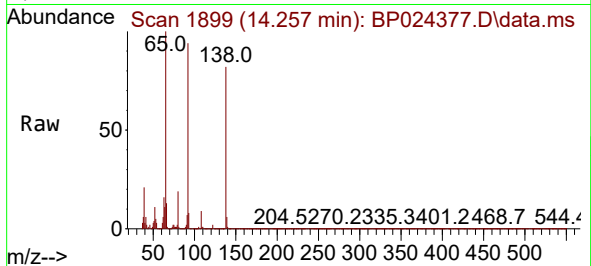




#53
3-Nitroaniline
Concen: 32.890 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

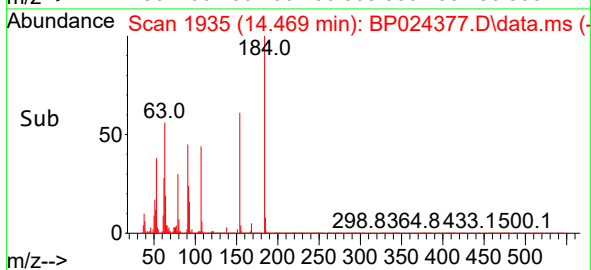
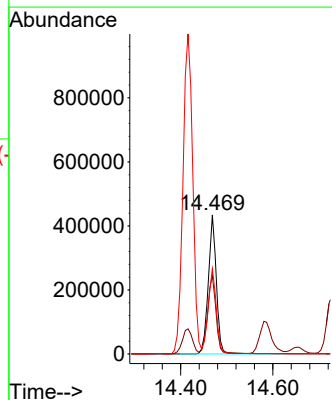
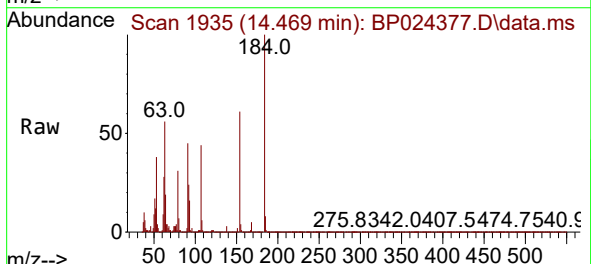
Instrument :
BNA_P
ClientSampleId :
PB167689BS

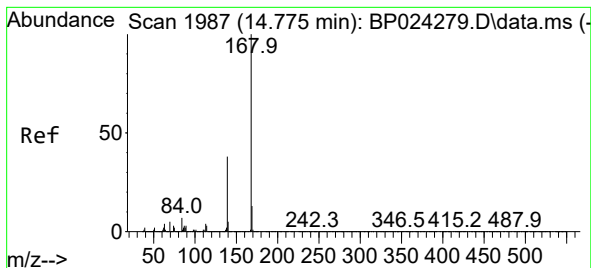
Tgt Ion:138 Resp: 328988
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 114.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 95.680 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:184 Resp: 536380
Ion Ratio Lower Upper
184 100
63 56.4 42.6 64.0
154 61.4 47.2 70.8





#55

Dibenzofuran

Concen: 41.110 ng

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

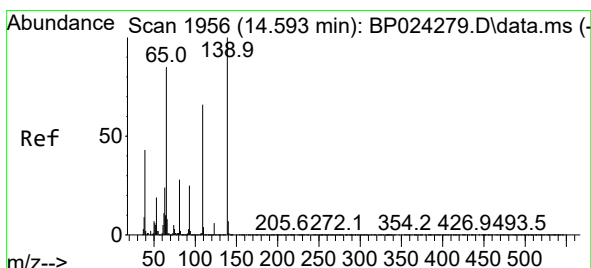
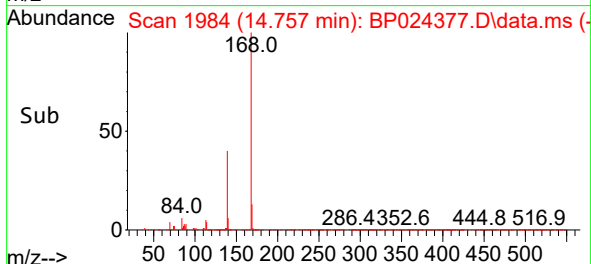
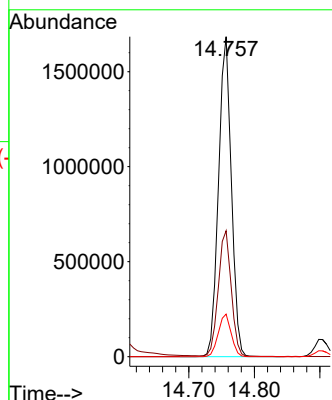
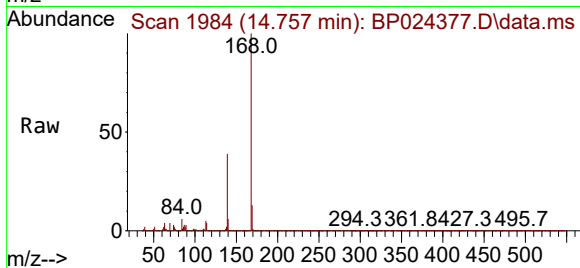
Tgt Ion:168 Resp: 2270901

Ion Ratio Lower Upper

168 100

139 39.3 30.3 45.5

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 89.062 ng

RT: 14.586 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

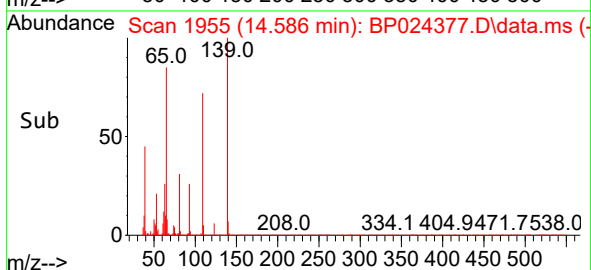
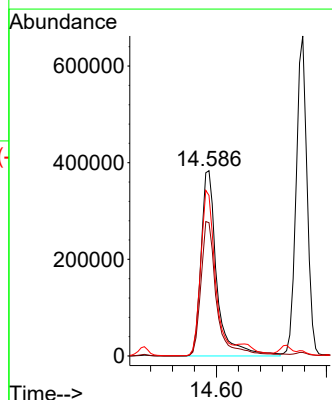
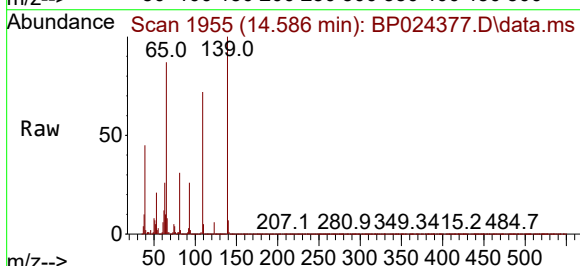
Tgt Ion:139 Resp: 769391

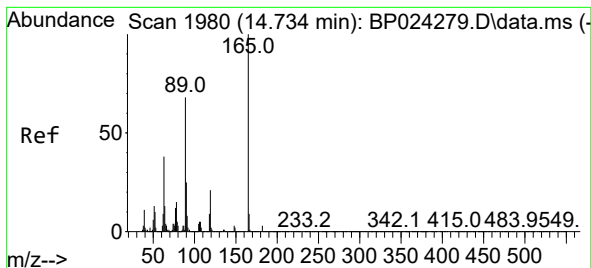
Ion Ratio Lower Upper

139 100

109 72.0 46.1 86.1

65 86.6 65.0 105.0

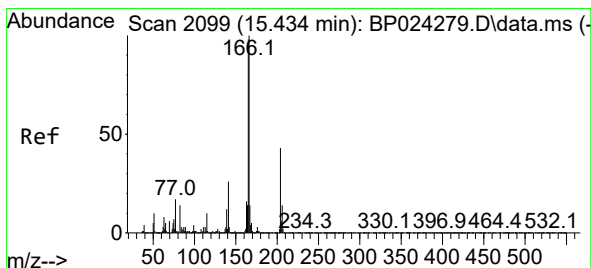
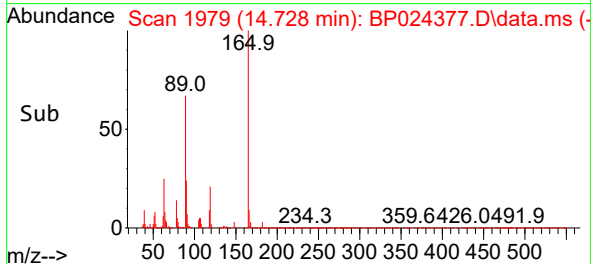
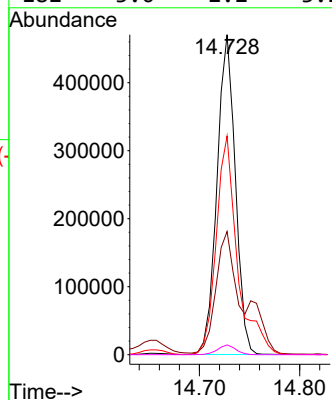
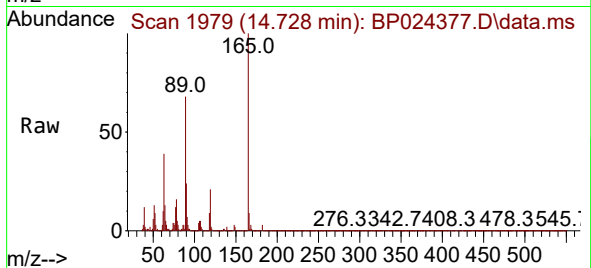




#57
2,4-Dinitrotoluene
Concen: 46.058 ng
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

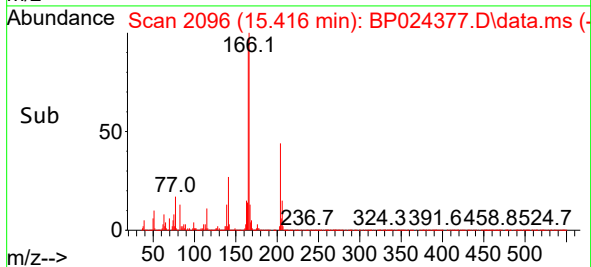
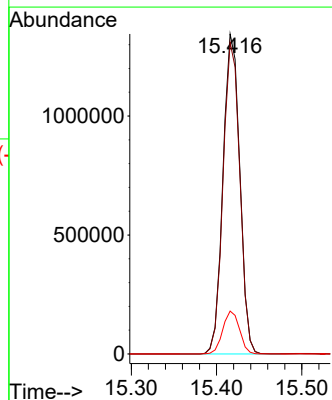
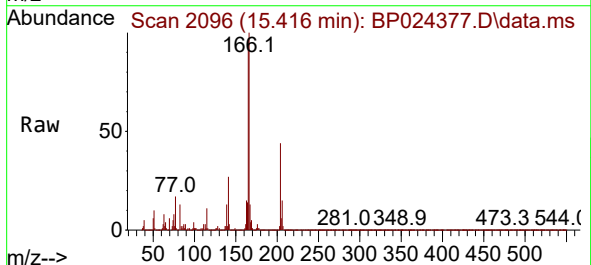
Instrument :
BNA_P
ClientSampleId :
PB167689BS

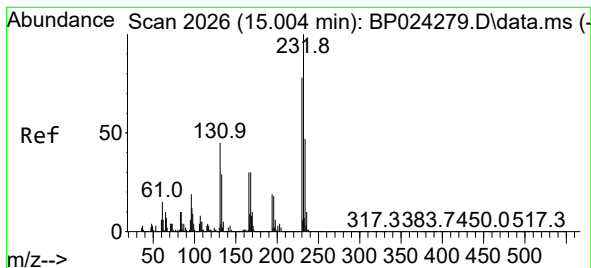
Tgt Ion:165 Resp: 597944
Ion Ratio Lower Upper
165 100
63 38.5 30.4 45.6
89 68.4 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.074 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:166 Resp: 1841968
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.4 10.9 16.3

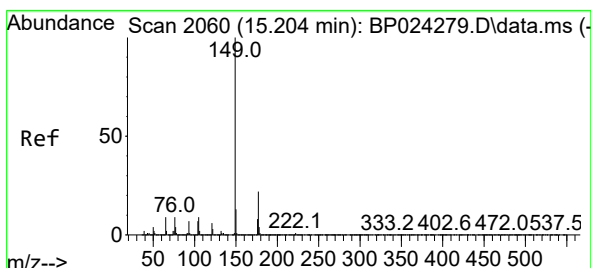
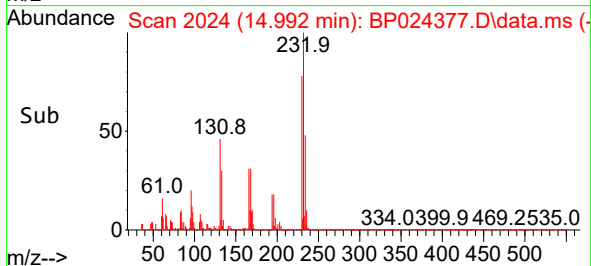
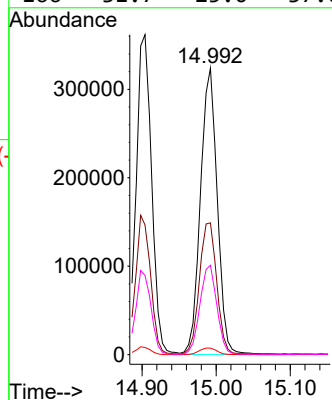
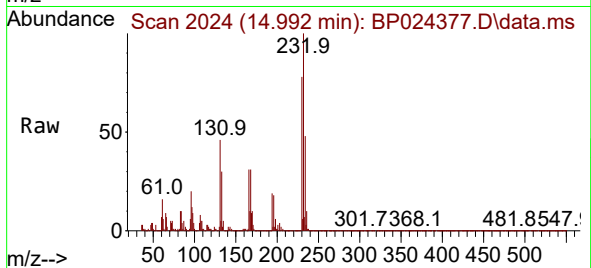




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.209 ng
RT: 14.992 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

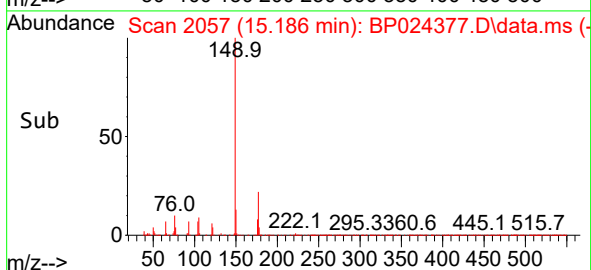
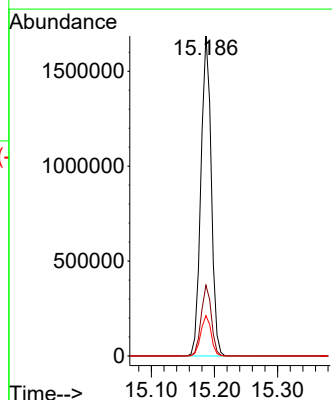
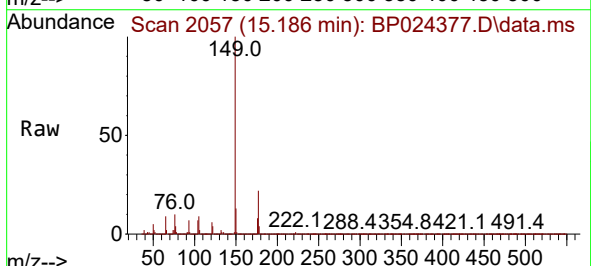
Instrument :
BNA_P
ClientSampleId :
PB167689BS

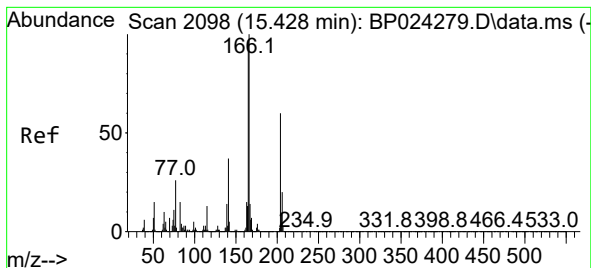
Tgt Ion:232 Resp: 508781
Ion Ratio Lower Upper
232 100
131 47.9 36.8 55.2
130 2.5 1.9 2.9
166 31.7 25.0 37.6



#60
Diethylphthalate
Concen: 41.305 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:149 Resp: 1907738
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.6 10.1 15.1

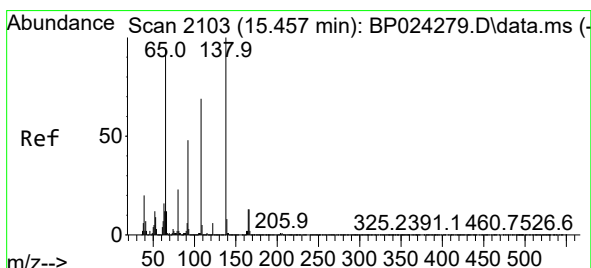
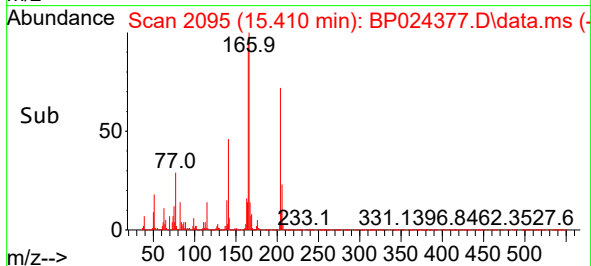
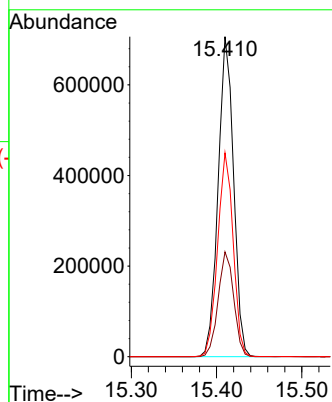
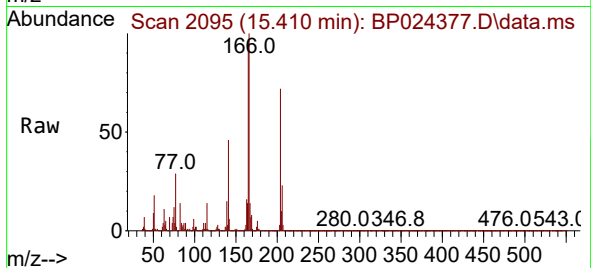




#61
4-Chlorophenyl-phenylether
Concen: 42.800 ng
RT: 15.410 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

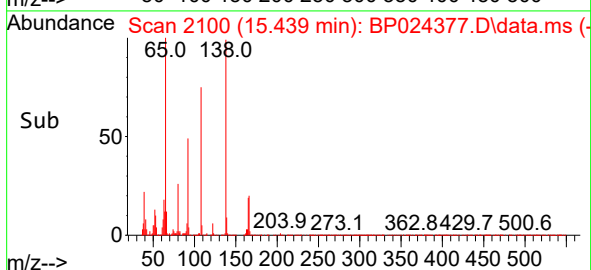
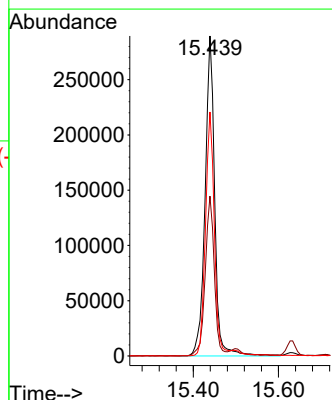
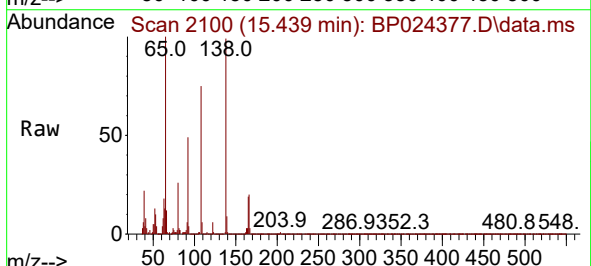
Instrument :
BNA_P
ClientSampleId :
PB167689BS

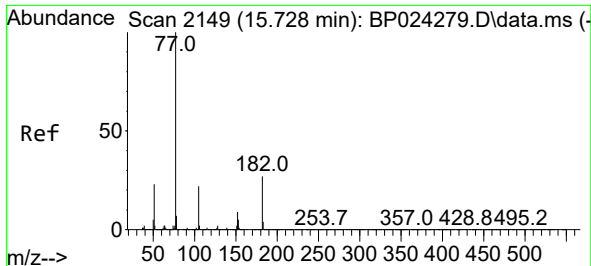
Tgt Ion:204 Resp: 888765
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 63.7 49.4 74.0



#62
4-Nitroaniline
Concen: 42.859 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:138 Resp: 453828
Ion Ratio Lower Upper
138 100
92 50.0 27.8 67.8
108 76.3 48.9 88.9



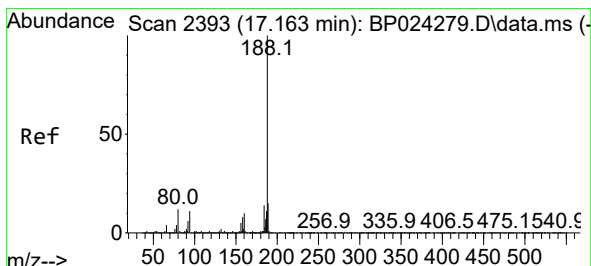
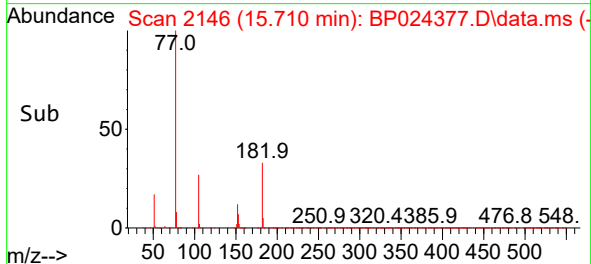
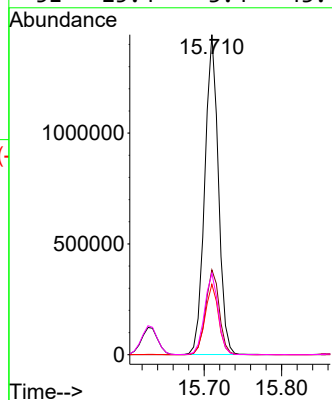
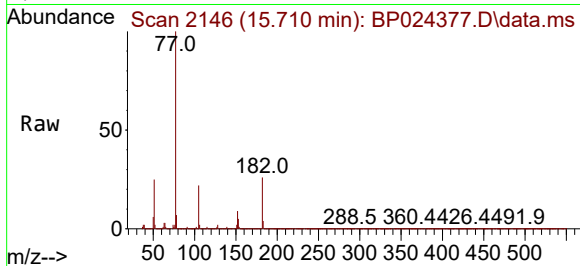


#63
Azobenzene
Concen: 41.404 ng
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Instrument :
BNA_P
ClientSampleId :
PB167689BS

Tgt Ion: 77 Resp: 1757631

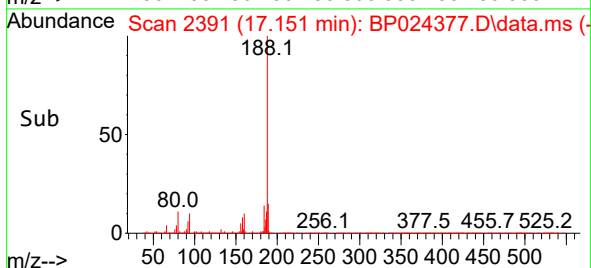
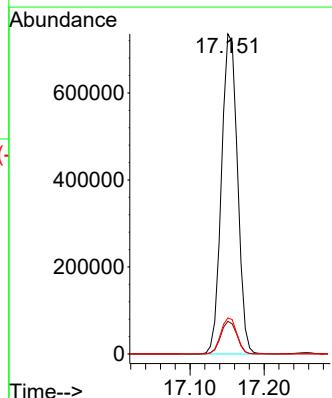
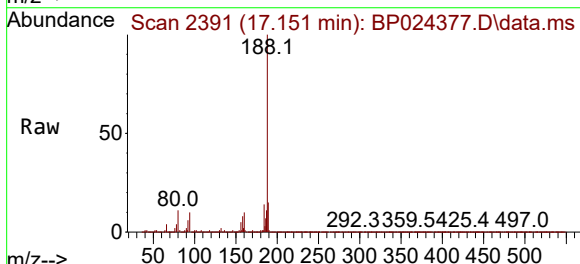
Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.3	47.3
105	22.0	2.3	42.3
51	25.4	3.4	43.4

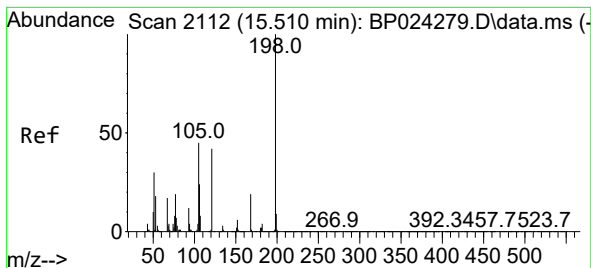


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion: 188 Resp: 1105871

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	11.3	9.8	14.6

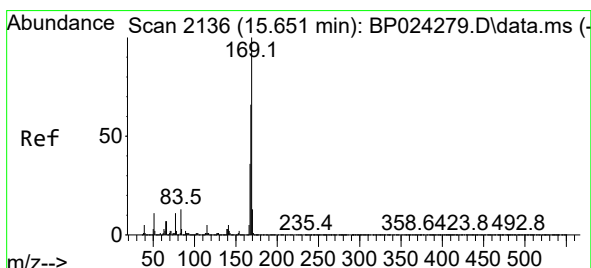
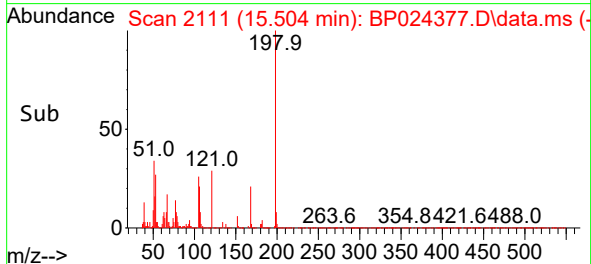
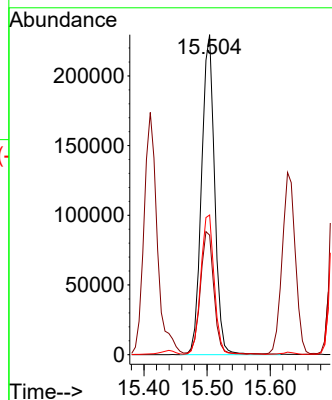
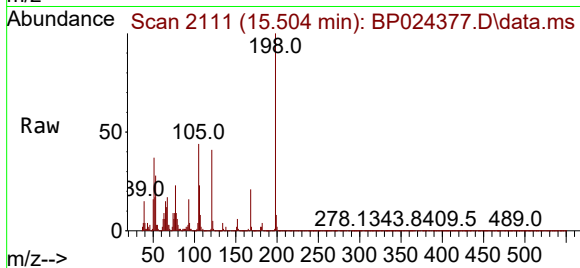




#65
4,6-Dinitro-2-methylphenol
Concen: 47.306 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

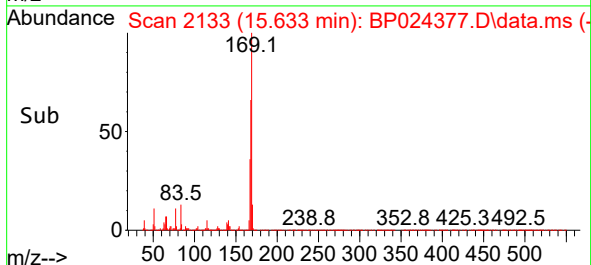
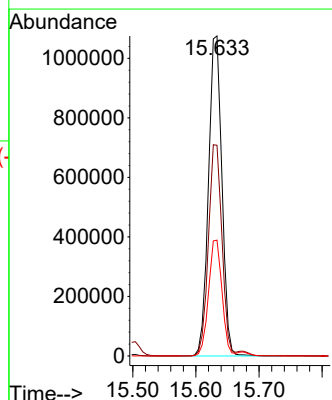
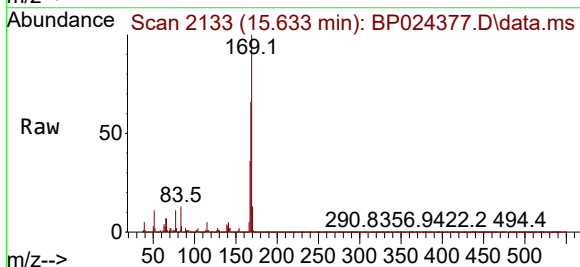
Instrument :
BNA_P
ClientSampleId :
PB167689BS

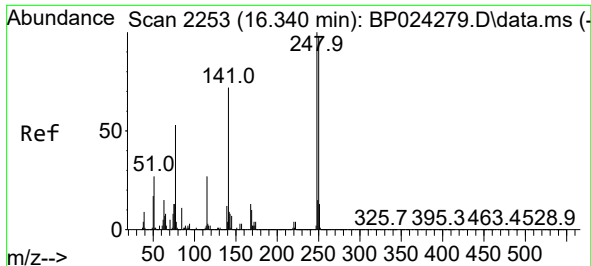
Tgt Ion:198 Resp: 329825
Ion Ratio Lower Upper
198 100
51 37.3 18.4 58.4
105 43.6 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.193 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:169 Resp: 1590725
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 36.2 28.9 43.3

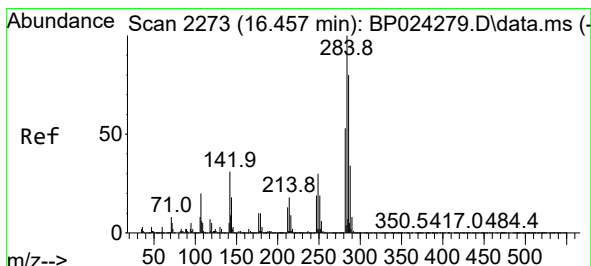
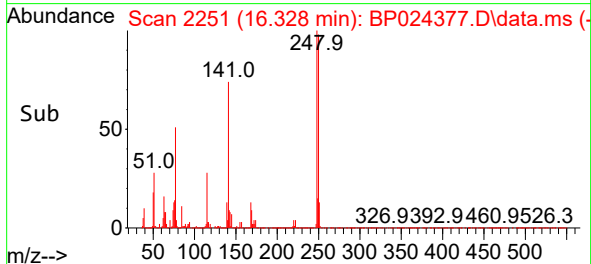
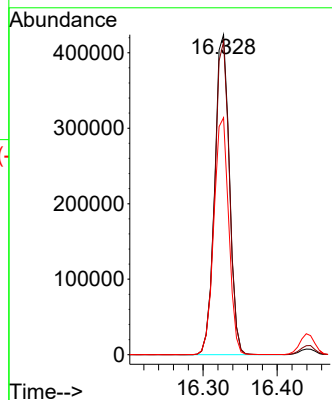
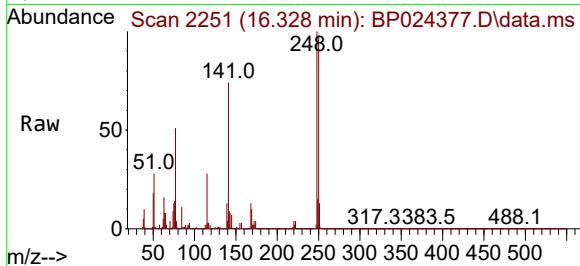




#67
4-Bromophenyl-phenylether
Concen: 48.213 ng
RT: 16.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

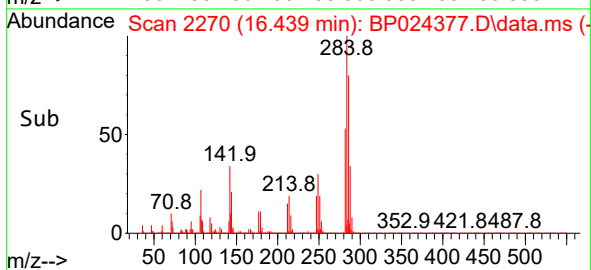
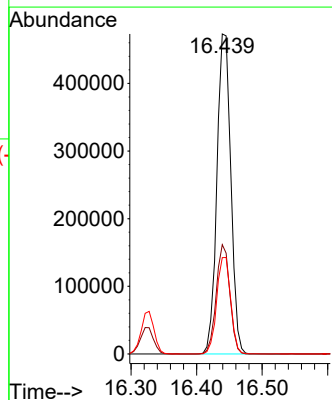
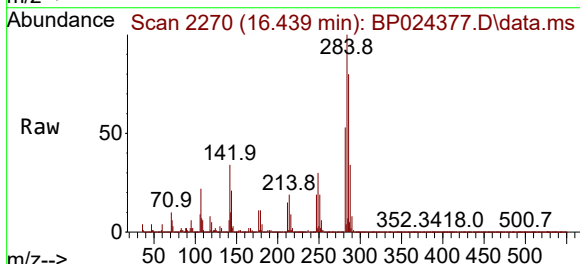
Instrument :
BNA_P
ClientSampleId :
PB167689BS

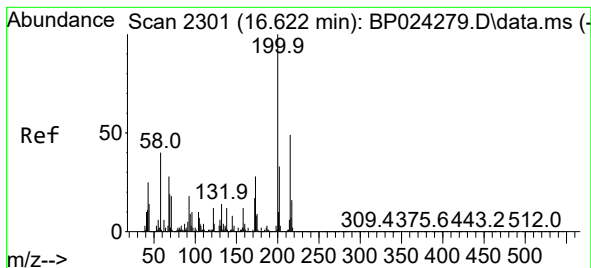
Tgt Ion:248 Resp: 583126
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.0 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.270 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:284 Resp: 693731
Ion Ratio Lower Upper
284 100
142 34.1 24.6 37.0
249 30.1 23.8 35.6





#69

Atrazine

Concen: 63.391 ng

RT: 16.616 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

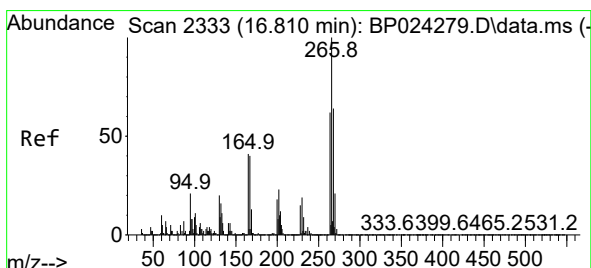
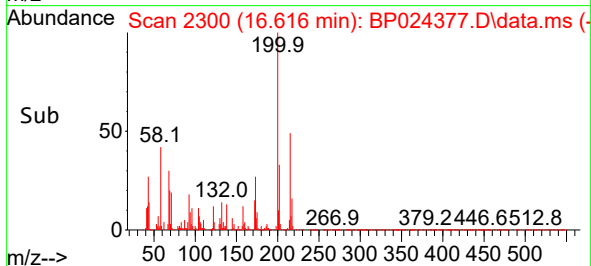
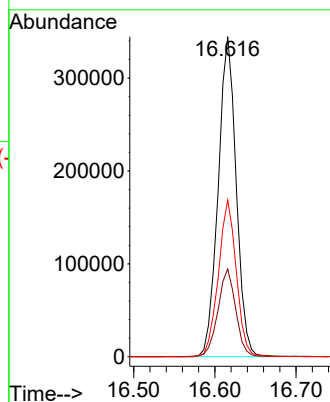
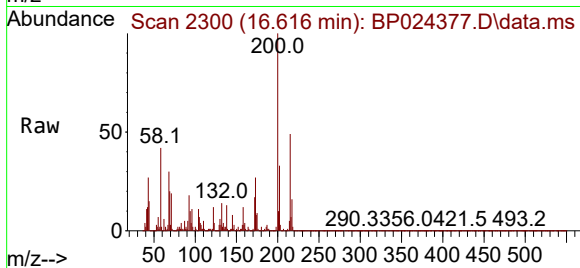
Tgt Ion:200 Resp: 532913

Ion Ratio Lower Upper

200 100

173 27.4 7.5 47.5

215 48.9 28.8 68.8



#70

Pentachlorophenol

Concen: 94.631 ng

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

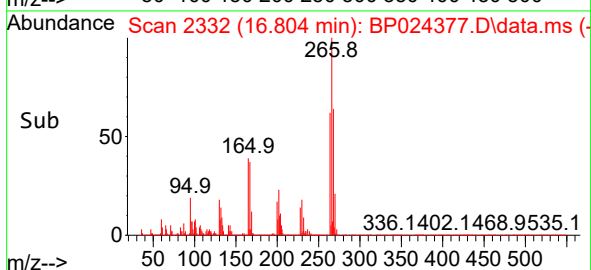
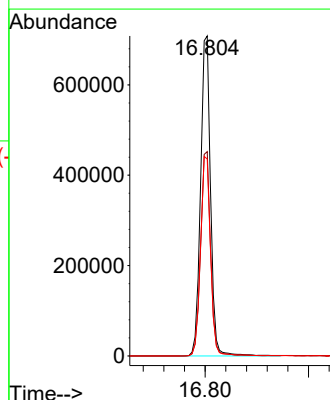
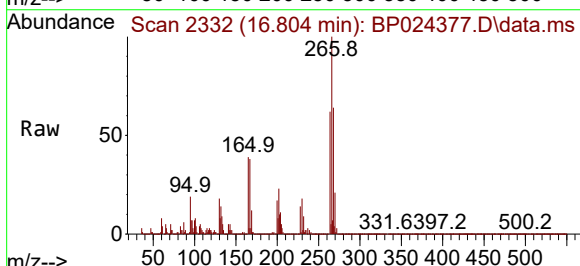
Tgt Ion:266 Resp: 948793

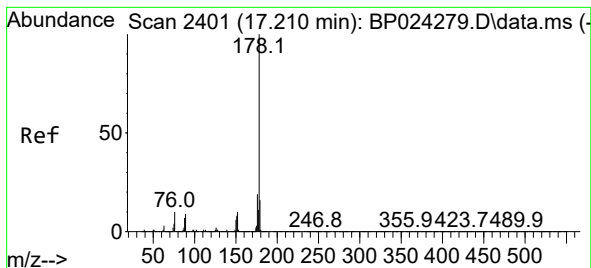
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 61.6 49.8 74.6





#71

Phenanthrene

Concen: 45.561 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

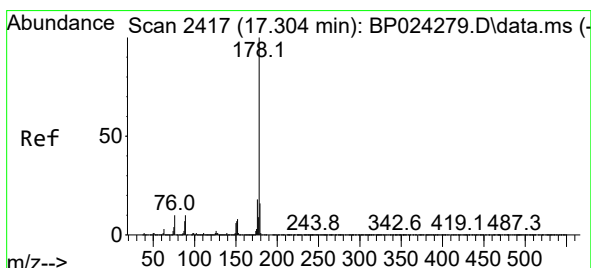
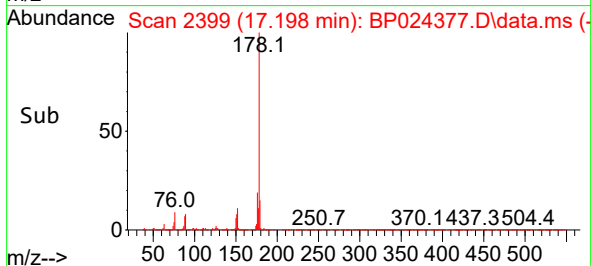
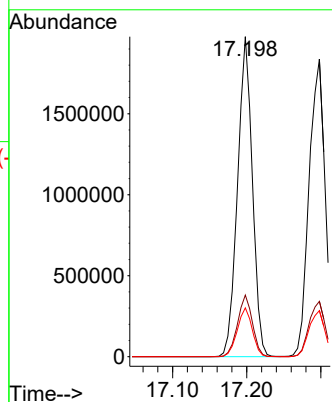
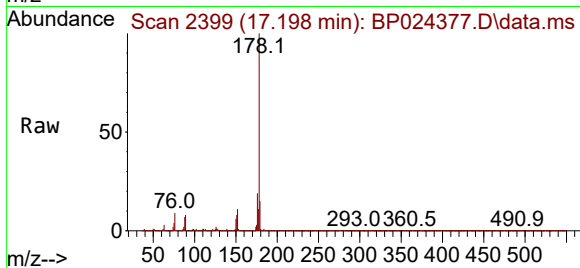
Tgt Ion:178 Resp: 2748609

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 48.020 ng

RT: 17.298 min Scan# 2416

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

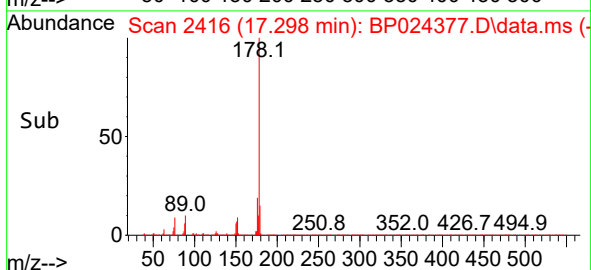
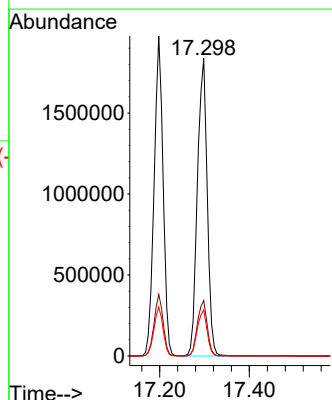
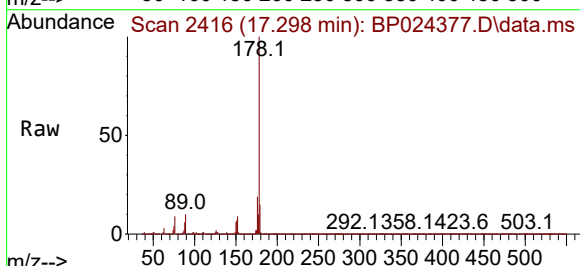
Tgt Ion:178 Resp: 2792099

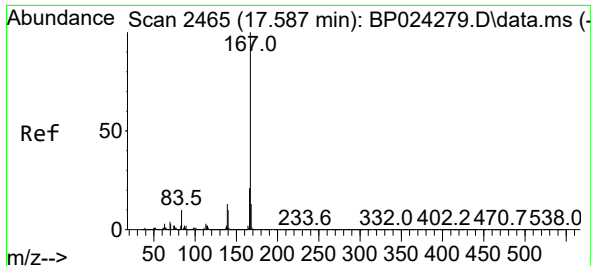
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.4 18.6

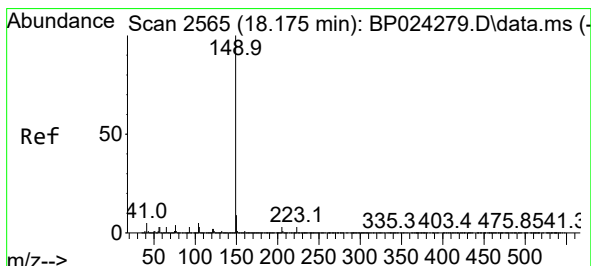
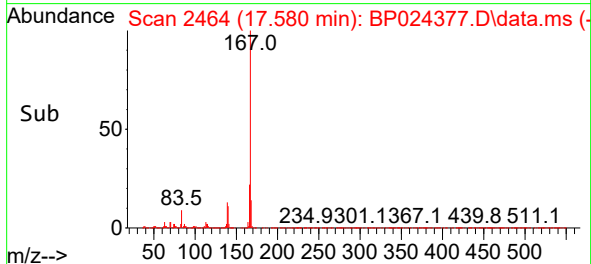
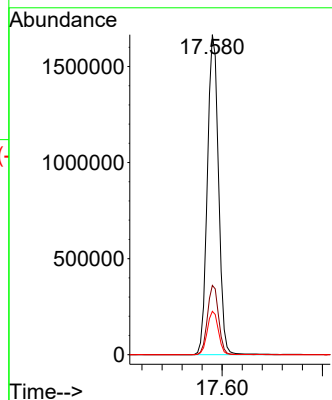
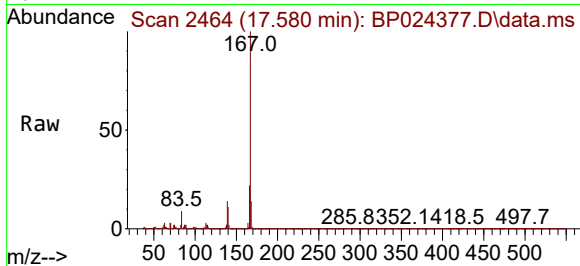




#73
 Carbazole
 Concen: 45.277 ng
 RT: 17.580 min Scan# 2465
 Delta R.T. 0.012 min
 Lab File: BP024377.D
 Acq: 22 Apr 2025 13:56

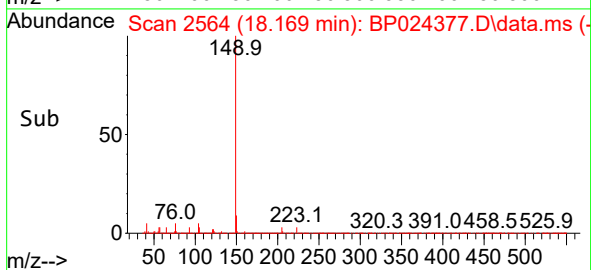
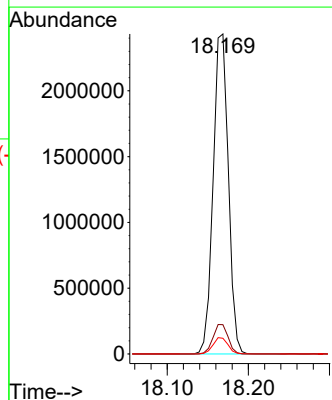
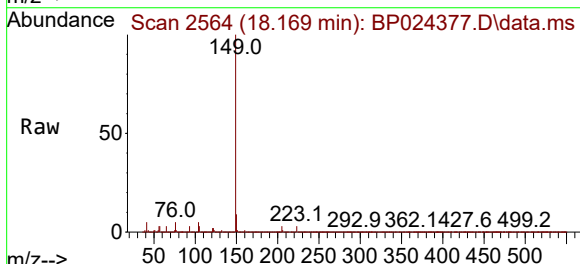
Instrument :
 BNA_P
 ClientSampleId :
 PB167689BS

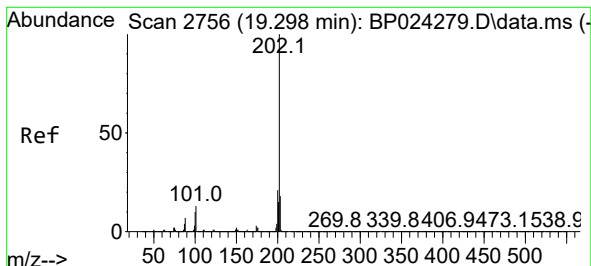
Tgt Ion:167 Resp: 2572283
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.612 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024377.D
 Acq: 22 Apr 2025 13:56

Tgt Ion:149 Resp: 3157583
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 43.354 ng

RT: 19.292 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

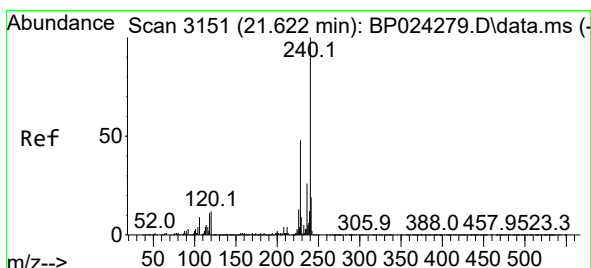
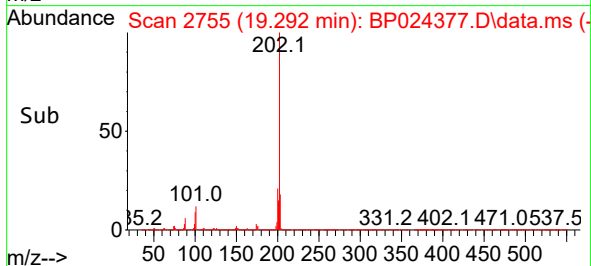
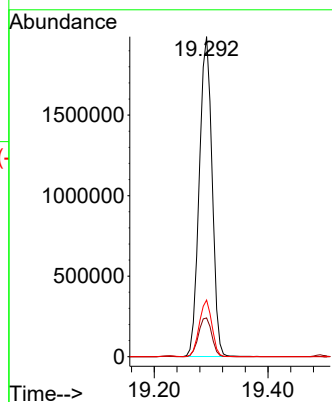
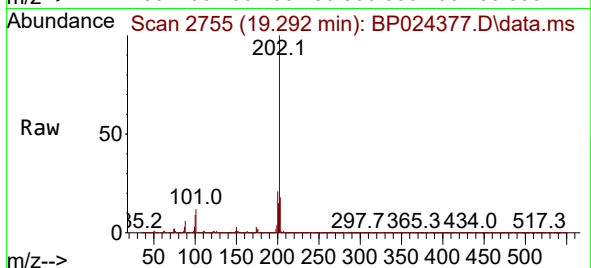
Tgt Ion:202 Resp: 3110667

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3148

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

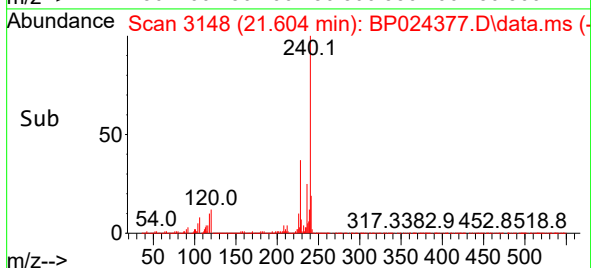
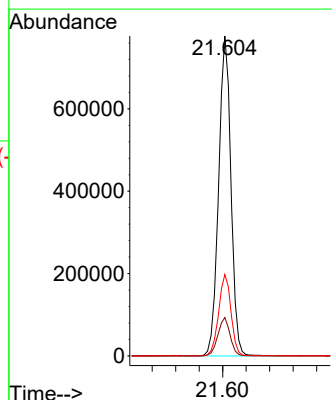
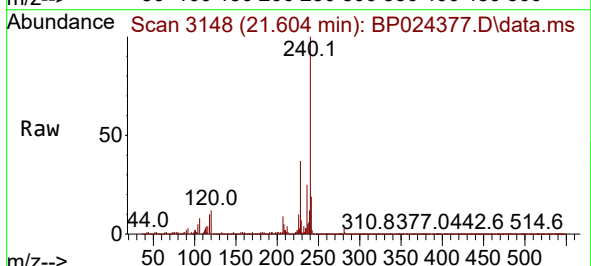
Tgt Ion:240 Resp: 1129890

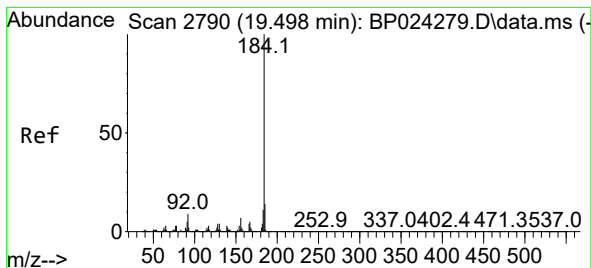
Ion Ratio Lower Upper

240 100

120 12.0 9.8 14.8

236 25.5 20.9 31.3





#77

Benzidine

Concen: 117.993 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

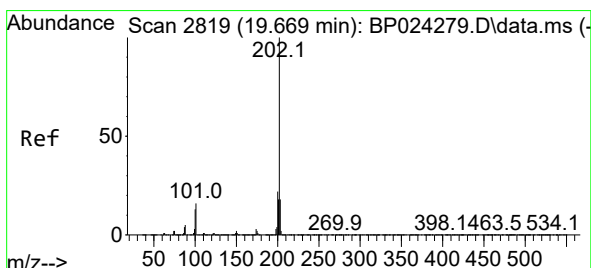
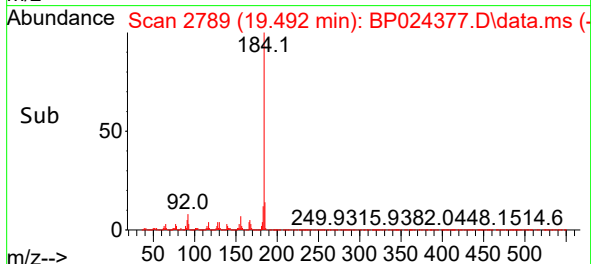
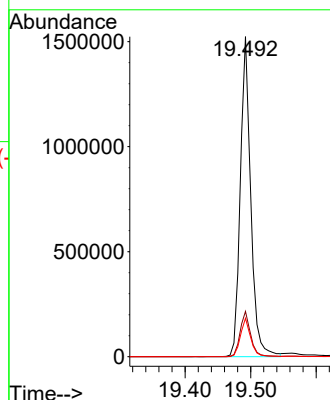
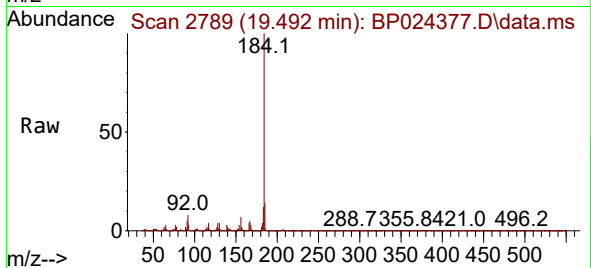
Tgt Ion:184 Resp: 1689935

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.0 9.2 13.8



#78

Pyrene

Concen: 44.654 ng

RT: 19.669 min Scan# 2819

Delta R.T. 0.018 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

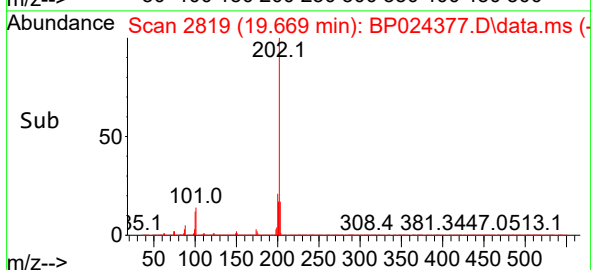
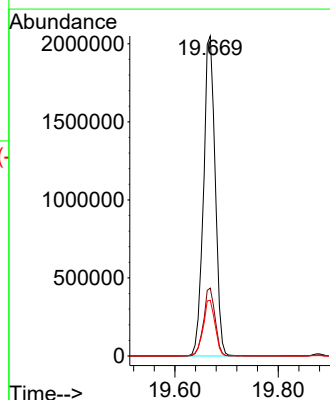
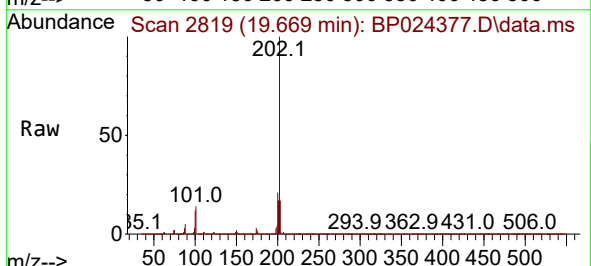
Tgt Ion:202 Resp: 3206398

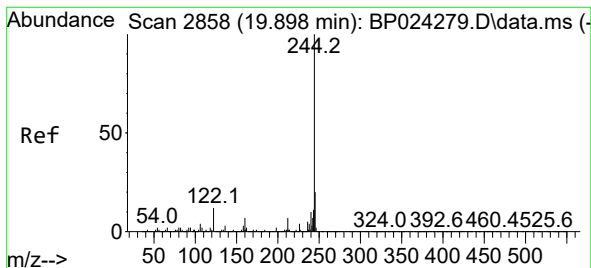
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 88.544 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

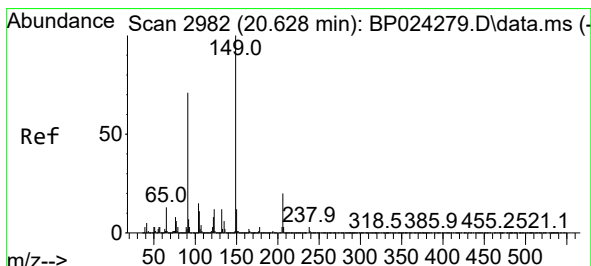
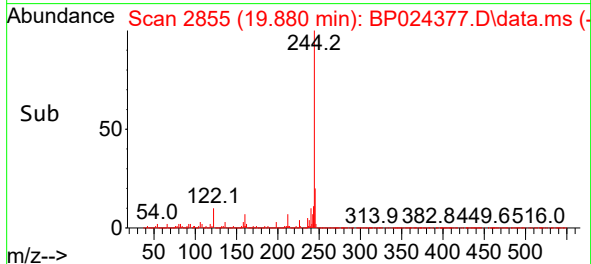
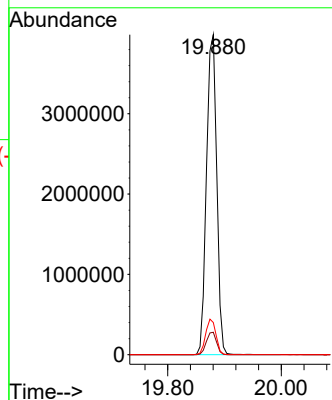
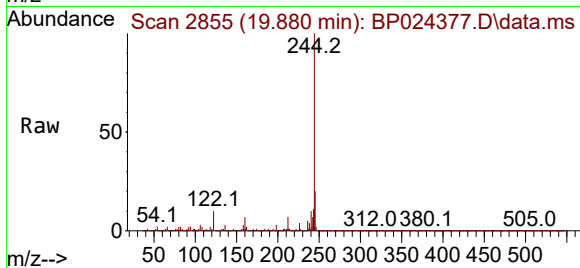
Tgt Ion:244 Resp: 4963460

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 9.4 14.0



#80

Butylbenzylphthalate

Concen: 47.964 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

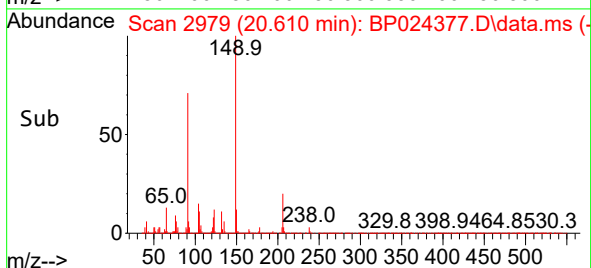
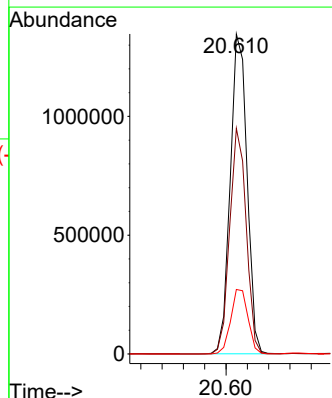
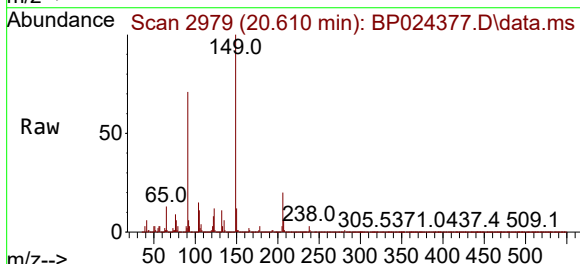
Tgt Ion:149 Resp: 1475186

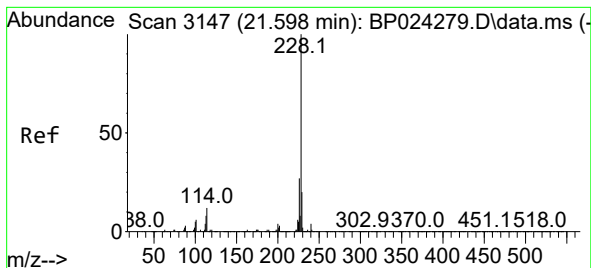
Ion Ratio Lower Upper

149 100

91 70.5 56.4 84.6

206 20.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.283 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

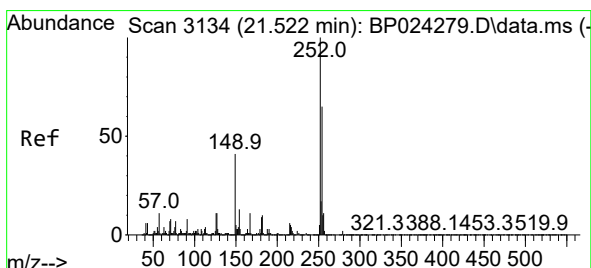
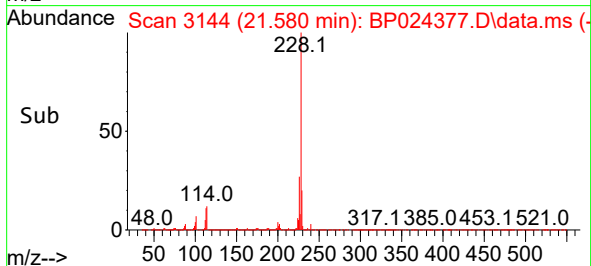
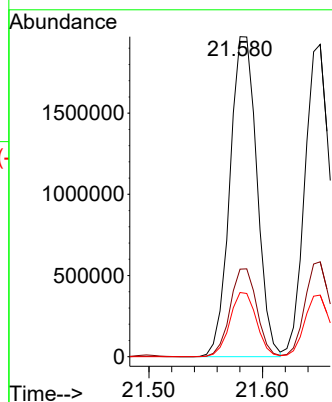
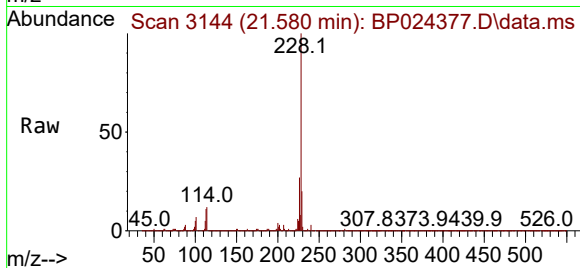
Tgt Ion:228 Resp: 3250449

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.021 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

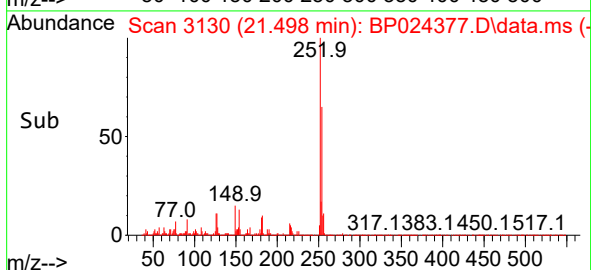
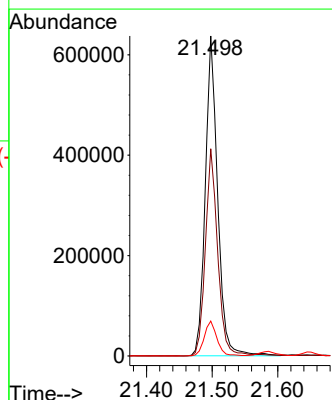
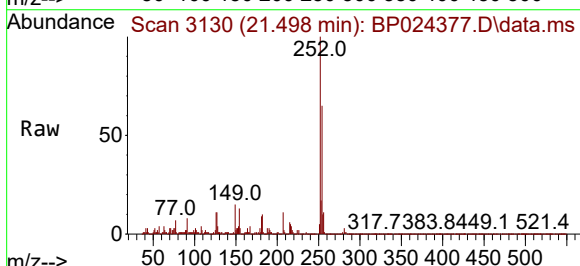
Tgt Ion:252 Resp: 838608

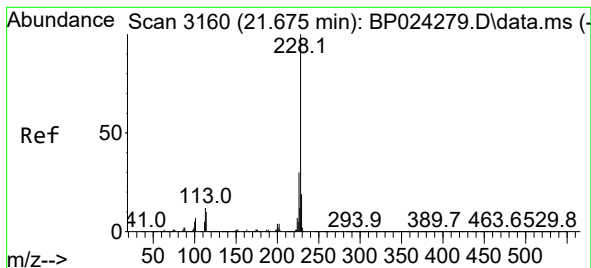
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 10.9 8.8 13.2





#83

Chrysene

Concen: 44.923 ng

RT: 21.651 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

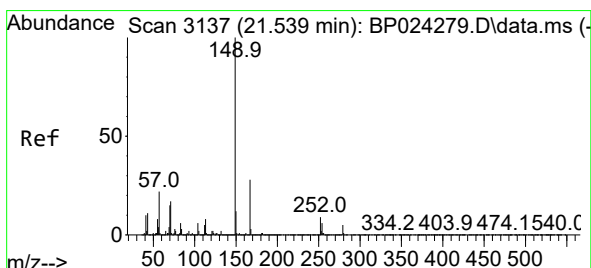
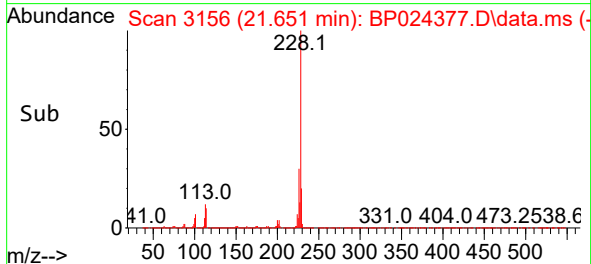
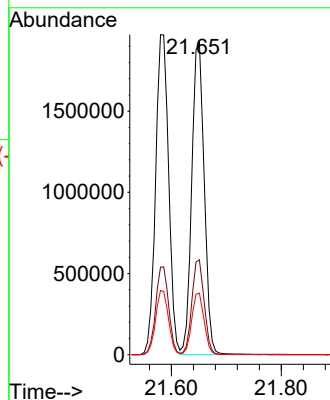
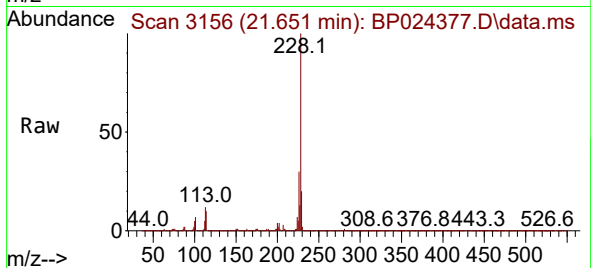
Tgt Ion:228 Resp: 3022588

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.728 ng

RT: 21.521 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

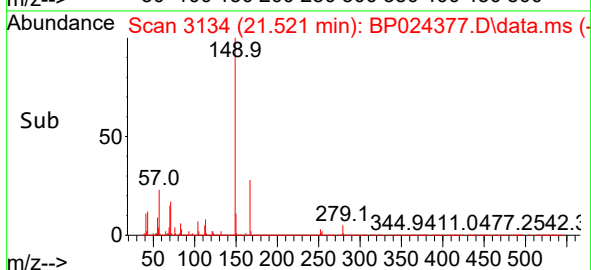
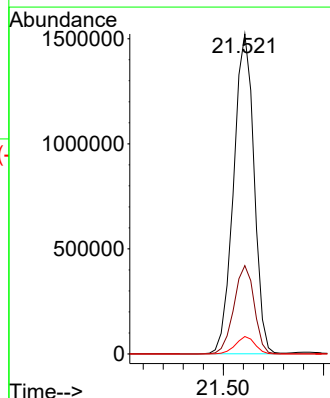
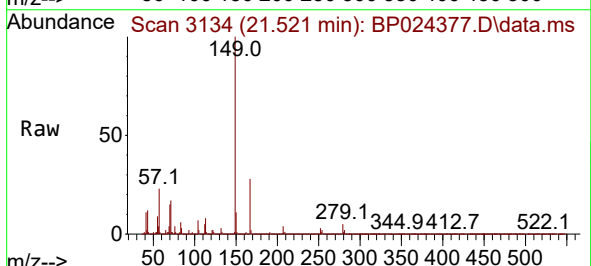
Tgt Ion:149 Resp: 2151924

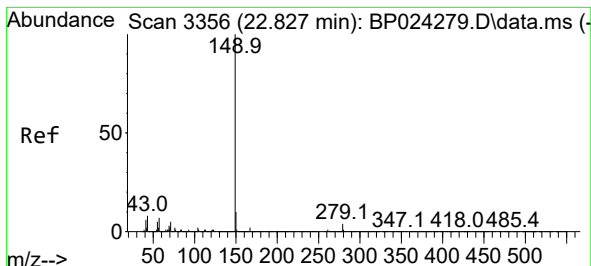
Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.309 ng

RT: 22.798 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

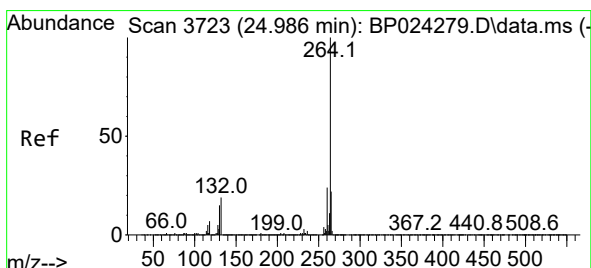
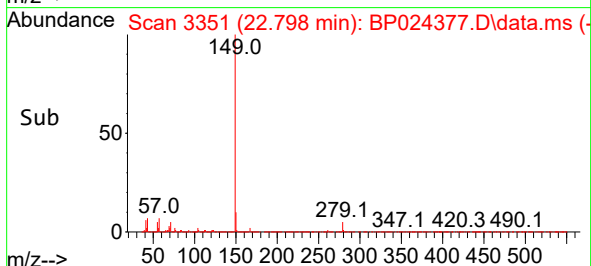
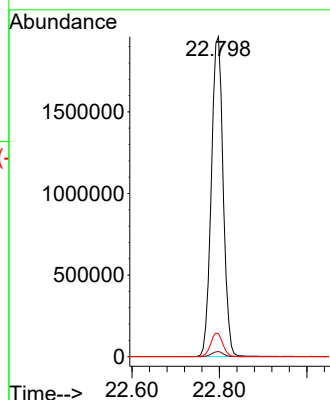
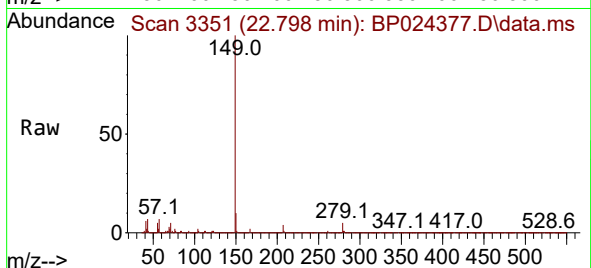
Tgt Ion:149 Resp: 3687587

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

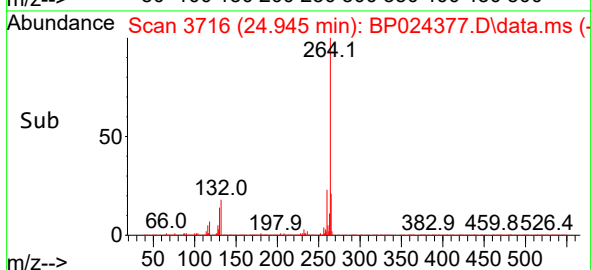
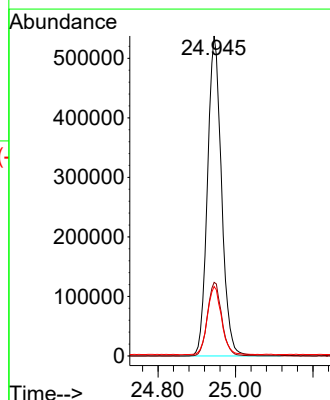
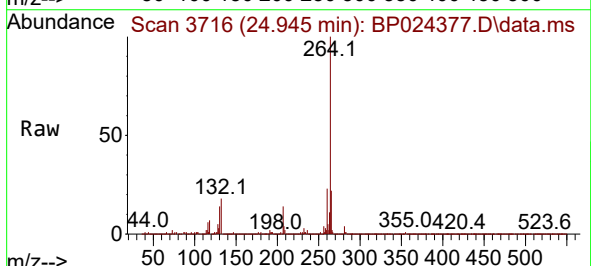
Tgt Ion:264 Resp: 1348858

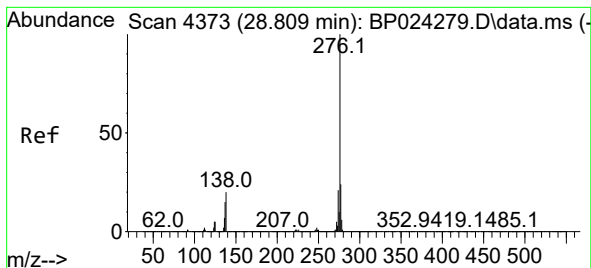
Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.569 ng

RT: 28.756 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

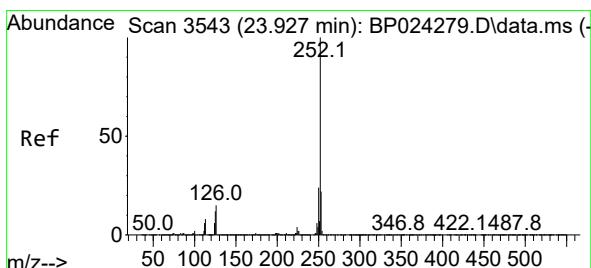
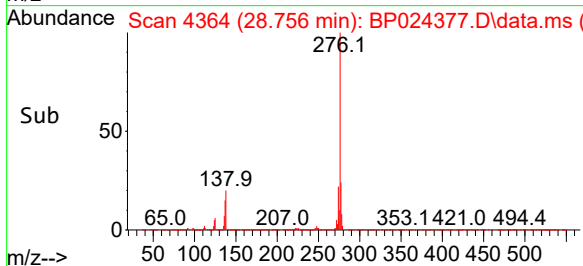
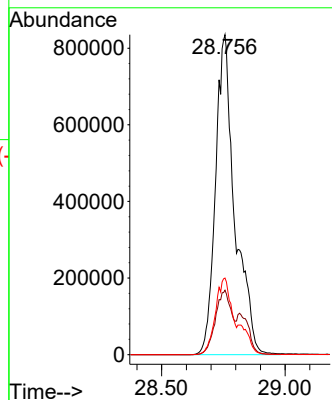
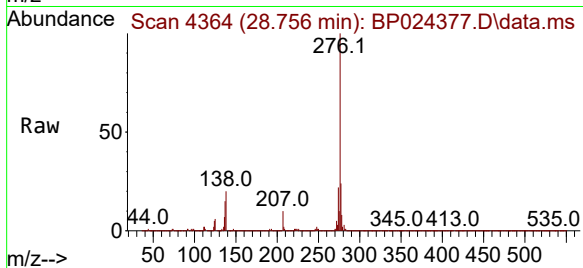
Tgt Ion:276 Resp: 4548196

Ion Ratio Lower Upper

276 100

138 16.9 14.5 21.7

277 19.9 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 44.547 ng

RT: 23.892 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

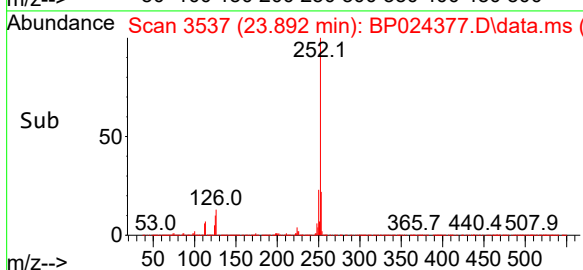
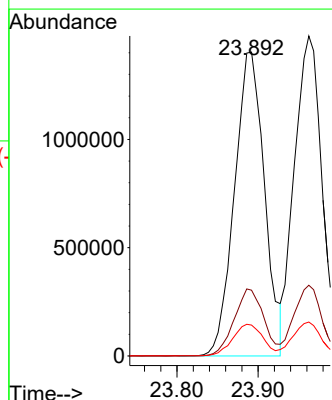
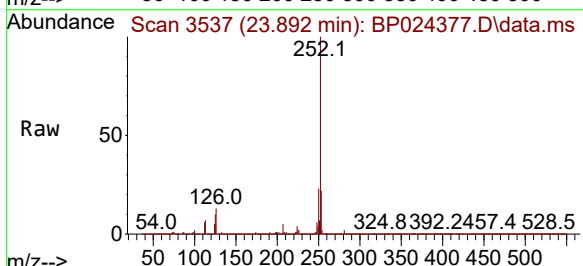
Tgt Ion:252 Resp: 3601706

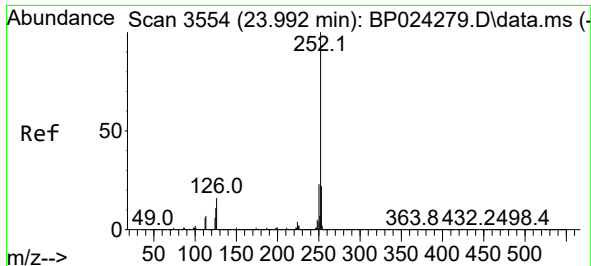
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.2 9.4 14.0

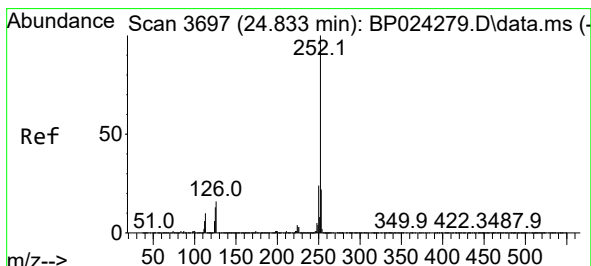
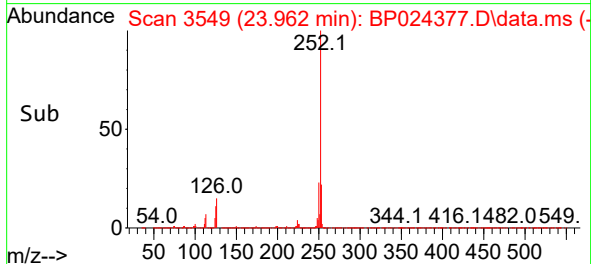
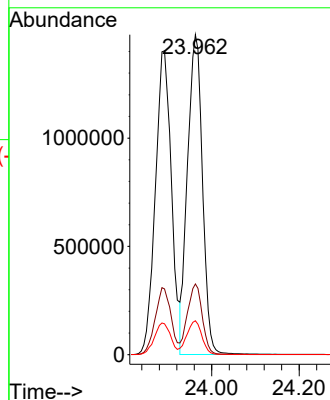
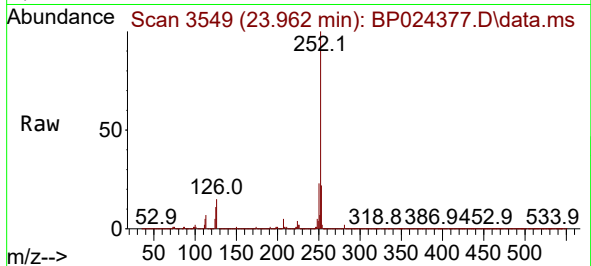




#89
Benzo(k)fluoranthene
Concen: 44.749 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

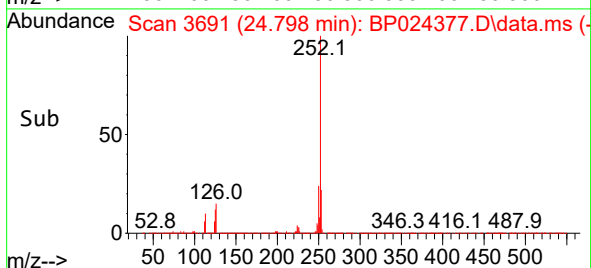
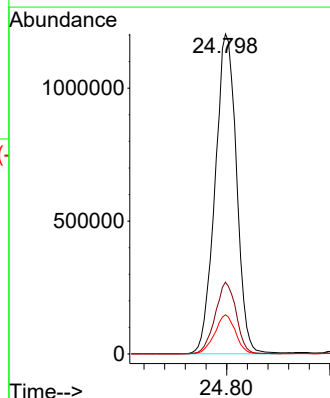
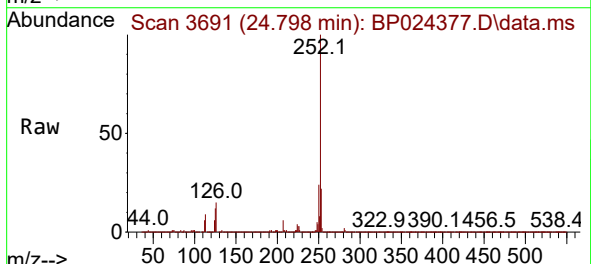
Instrument :
BNA_P
ClientSampleId :
PB167689BS

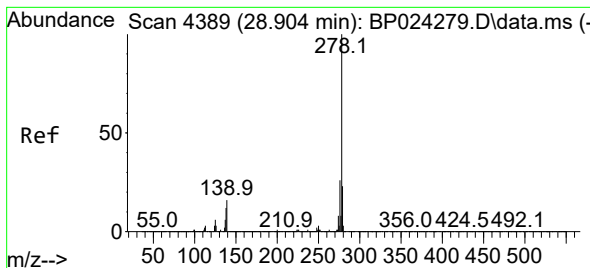
Tgt Ion:252 Resp: 3494803
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.727 ng
RT: 24.798 min Scan# 3691
Delta R.T. 0.018 min
Lab File: BP024377.D
Acq: 22 Apr 2025 13:56

Tgt Ion:252 Resp: 3468066
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.983 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

PB167689BS

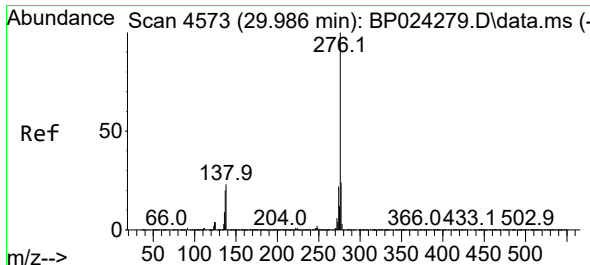
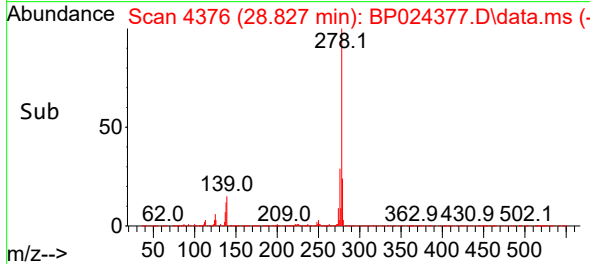
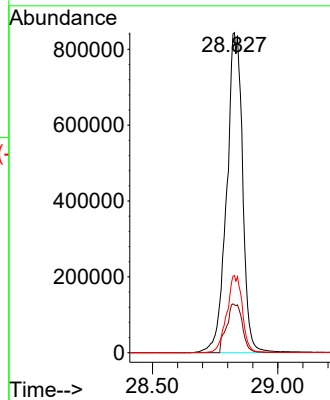
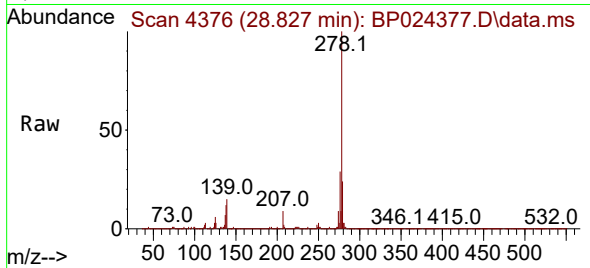
Tgt Ion:278 Resp: 3729539

Ion Ratio Lower Upper

278 100

139 15.0 12.6 19.0

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.845 ng

RT: 29.933 min Scan# 4564

Delta R.T. 0.035 min

Lab File: BP024377.D

Acq: 22 Apr 2025 13:56

Tgt Ion:276 Resp: 3627026

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 21.6 18.7 28.1

