

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025175.D
 Acq On : 17 Jul 2025 12:49
 Operator : CG/JU
 Sample : PB168902BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BS

Quant Time: Jul 17 13:10:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	561470	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2177726	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1387226	20.000	ng	0.01
64) Phenanthrene-d10	16.931	188	2801043	20.000	ng	0.02
76) Chrysene-d12	21.360	240	2810625	20.000	ng	0.02
86) Perylene-d12	24.501	264	3233614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4143295	130.751	ng	0.01
7) Phenol-d6	6.643	99	5050690	122.137	ng	0.01
23) Nitrobenzene-d5	8.578	82	2998588	91.573	ng	0.01
42) 2,4,6-Tribromophenol	15.631	330	2653637	161.928	ng	0.01
45) 2-Fluorobiphenyl	12.707	172	7867477	87.859	ng	0.01
79) Terphenyl-d14	19.677	244	11814441	92.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	458858	37.238	ng	98
3) Pyridine	3.490	79	1268400	37.598	ng	97
4) n-Nitrosodimethylamine	3.402	42	572174	40.057	ng	92
6) Aniline	6.784	93	1803850	46.687	ng	99
8) 2-Chlorophenol	7.019	128	1713818	48.338	ng	99
9) Benzaldehyde	6.602	77	995986	46.118	ng	94
10) Phenol	6.672	94	1939103	46.150	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	1415777	43.782	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1805890	45.511	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1865680	46.439	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1785488	46.200	ng	100
15) Benzyl Alcohol	7.678	79	1293073	46.850	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1791113	42.598	ng	99
17) 2-Methylphenol	7.890	107	1335782	49.352	ng	99
18) Hexachloroethane	8.502	117	635188	48.533	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	1045303	42.623	ng	96
20) 3+4-Methylphenols	8.213	107	1810219	47.749	ng	99
22) Acetophenone	8.249	105	2247012	43.629	ng	98
24) Nitrobenzene	8.613	77	1542789	46.255	ng	96
25) Isophorone	9.143	82	2978913	48.679	ng	99
26) 2-Nitrophenol	9.313	139	902612	55.233	ng	98
27) 2,4-Dimethylphenol	9.390	122	1549913	67.897	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1891193	45.515	ng	99
29) 2,4-Dichlorophenol	9.854	162	1621241	51.219	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1664790	47.494	ng	98
31) Naphthalene	10.243	128	4856654	43.311	ng	100
32) Benzoic acid	9.549	122	1198794	51.977	ng	94
33) 4-Chloroaniline	10.349	127	1190282	28.443	ng	99
34) Hexachlorobutadiene	10.543	225	992407	49.336	ng	99
35) Caprolactam	11.137	113	513485m	47.420	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1587665	47.998	ng	99
37) 2-Methylnaphthalene	11.866	142	3181709	40.214	ng	100
38) 1-Methylnaphthalene	12.090	142	3307575	42.864	ng	99
40) 1,2,4,5-Tetrachloroben...	12.254	216	1858051	46.604	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2413979	231.804	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1322414	54.778	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025175.D
 Acq On : 17 Jul 2025 12:49
 Operator : CG/JU
 Sample : PB168902BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BS

Quant Time: Jul 17 13:10:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

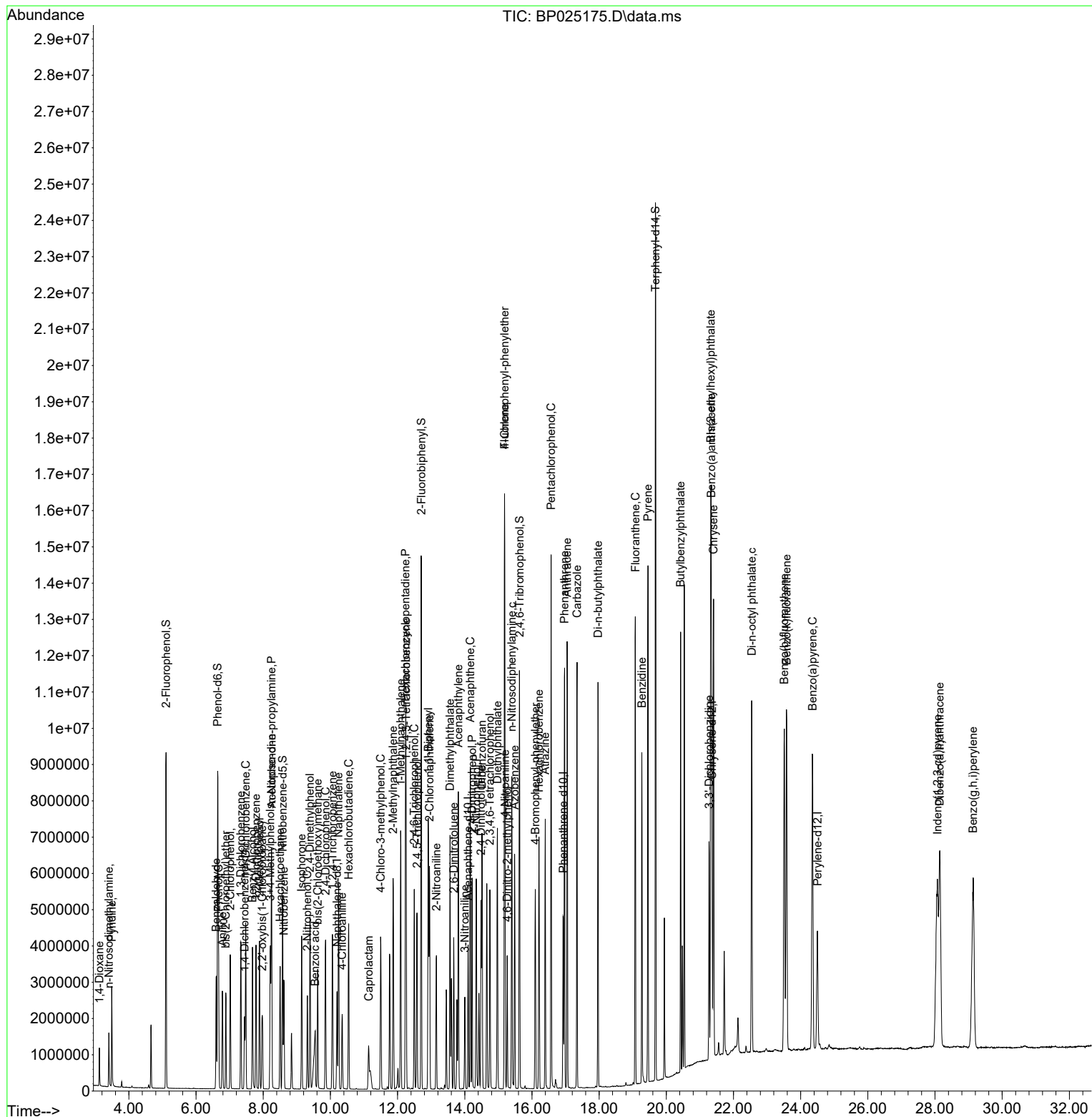
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	1468176	53.663	ng	97
46) 1,1'-Biphenyl	12.913	154	4569256	45.270	ng	100
47) 2-Chloronaphthalene	12.948	162	3497146	46.099	ng	100
48) 2-Nitroaniline	13.154	65	921914	49.517	ng	91
49) Acenaphthylene	13.807	152	5784170	49.817	ng	100
50) Dimethylphthalate	13.560	163	4564760	47.008	ng	99
51) 2,6-Dinitrotoluene	13.672	165	1008344	53.243	ng	95
52) Acenaphthene	14.166	154	3276198	43.778	ng	99
53) 3-Nitroaniline	14.001	138	734128	36.171	ng	99
54) 2,4-Dinitrophenol	14.219	184	1280332	134.402	ng	91
55) Dibenzofuran	14.513	168	5382446	43.581	ng	99
56) 4-Nitrophenol	14.342	139	1940413	103.598	ng	95
57) 2,4-Dinitrotoluene	14.484	165	1445784	51.795	ng	92
58) Fluorene	15.184	166	4315701	45.178	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1314323	53.049	ng	95
60) Diethylphthalate	14.972	149	4566940	46.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2184634	46.211	ng	98
62) 4-Nitroaniline	15.201	138	1131986	53.190	ng	96
63) Azobenzene	15.484	77	3689981	42.487	ng	96
65) 4,6-Dinitro-2-methylph...	15.266	198	834041	63.407	ng	91
66) n-Nitrosodiphenylamine	15.401	169	3899225	48.642	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	1488999	51.918	ng	100
68) Hexachlorobenzene	16.207	284	1774280	50.615	ng	95
69) Atrazine	16.395	200	1467931	62.492	ng	98
70) Pentachlorophenol	16.572	266	2449161	103.453	ng	99
71) Phenanthrene	16.972	178	6785753	45.338	ng	100
72) Anthracene	17.048	178	6987282	48.661	ng	100
73) Carbazole	17.342	167	6629569	47.221	ng	100
74) Di-n-butylphthalate	17.966	149	8201456	52.458	ng	99
75) Fluoranthene	19.078	202	8035341	45.929	ng	99
77) Benzidine	19.272	184	4776548	96.225	ng	98
78) Pyrene	19.454	202	8296338	47.657	ng	99
80) Butylbenzylphthalate	20.424	149	3632748	53.690	ng	98
81) Benzo(a)anthracene	21.336	228	8167944	47.954	ng	99
82) 3,3'-Dichlorobenzidine	21.277	252	2108818	41.128	ng	100
83) Chrysene	21.407	228	7599975	46.366	ng	100
84) Bis(2-ethylhexyl)phtha...	21.324	149	5346737	58.522	ng	98
85) Di-n-octyl phthalate	22.542	149	9275992	54.434	ng	97
87) Indeno(1,2,3-cd)pyrene	28.071	276	11040297	53.594	ng	99
88) Benzo(b)fluoranthene	23.513	252	8505505	45.191	ng	99
89) Benzo(k)fluoranthene	23.577	252	8646514	46.171	ng	99
90) Benzo(a)pyrene	24.354	252	8361257	52.197	ng	100
91) Dibenzo(a,h)anthracene	28.142	278	9051242	53.155	ng	98
92) Benzo(g,h,i)perylene	29.136	276	8850304	50.313	ng	99

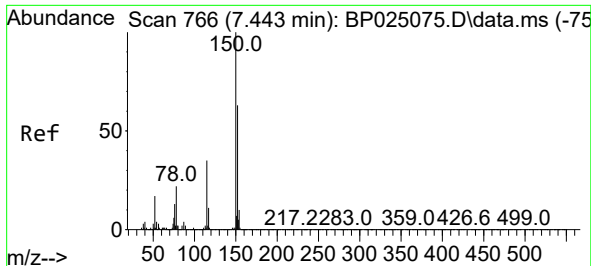
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025175.D
Acq On : 17 Jul 2025 12:49
Operator : CG/JU
Sample : PB168902BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168902BS

Quant Time: Jul 17 13:10:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

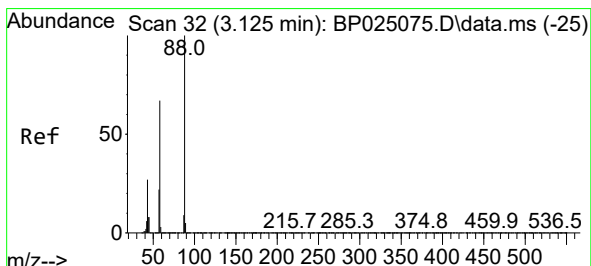
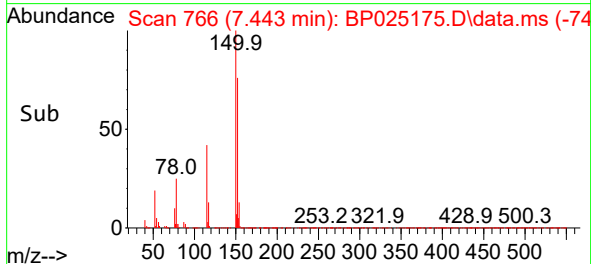
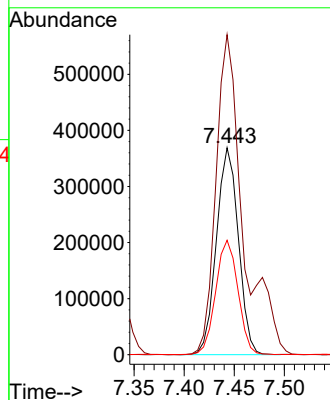
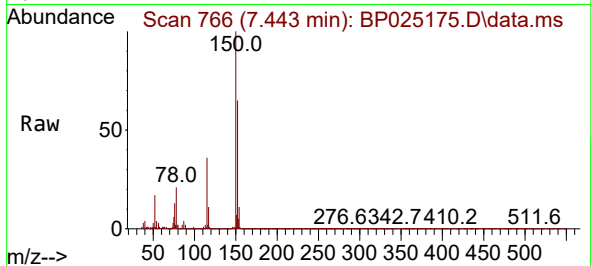




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

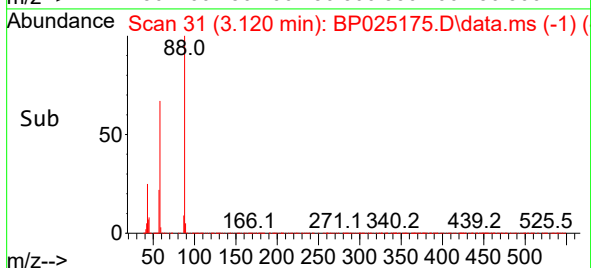
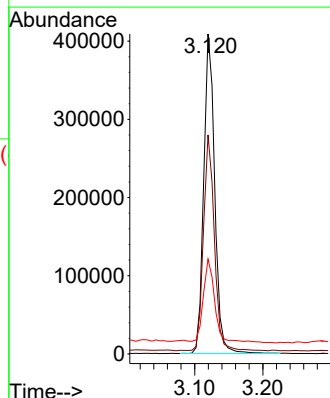
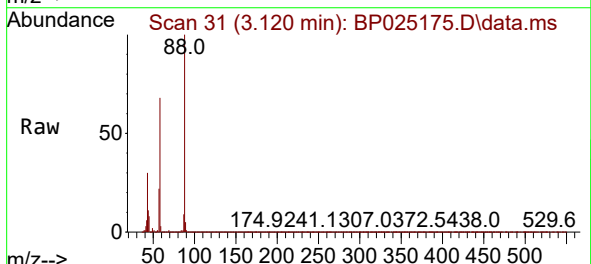
Instrument :
 BNA_P
 ClientSampleId :
 PB168902BS

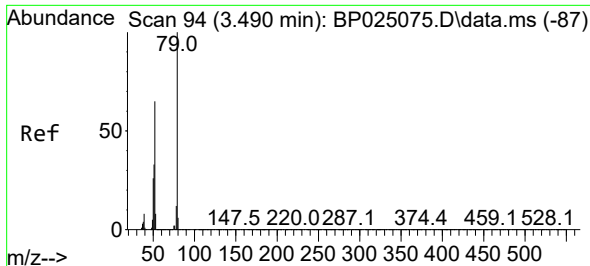
Tgt Ion:152 Resp: 561470
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.1 189.1
 115 55.3 44.3 66.5



#2
 1,4-Dioxane
 Concen: 37.238 ng
 RT: 3.120 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

Tgt Ion: 88 Resp: 458858
 Ion Ratio Lower Upper
 88 100
 58 67.0 55.0 82.4
 43 27.9 21.9 32.9

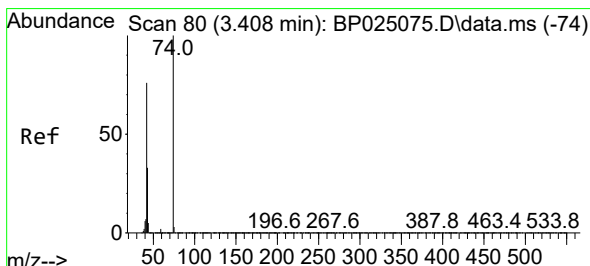
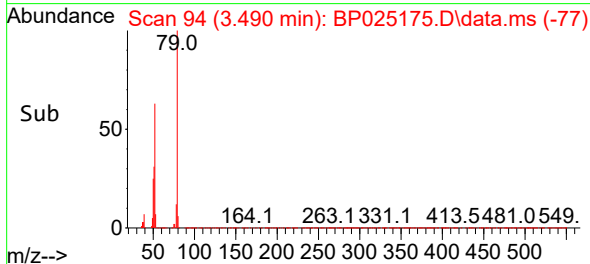
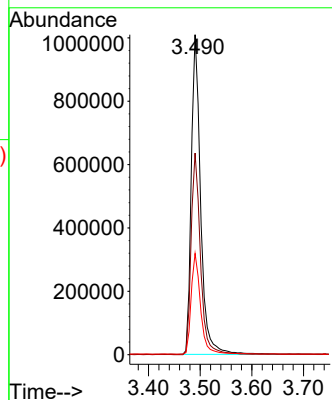
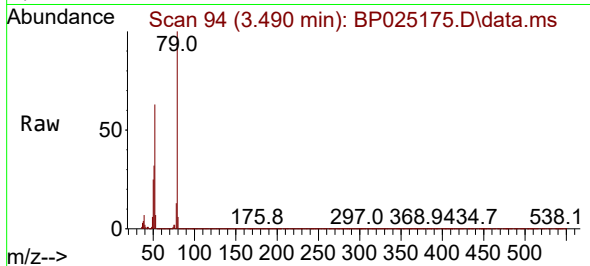




#3
 Pyridine
 Concen: 37.598 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

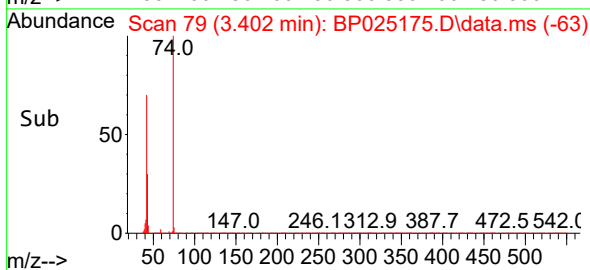
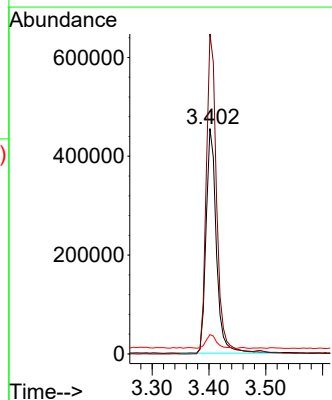
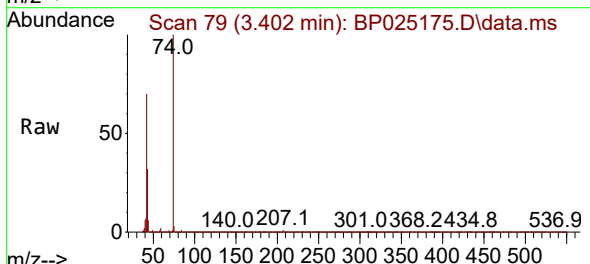
Instrument :
 BNA_P
 ClientSampleId :
 PB168902BS

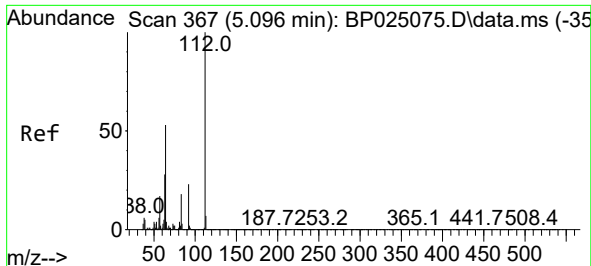
Tgt Ion: 79 Resp: 1268400
 Ion Ratio Lower Upper
 79 100
 52 63.0 52.2 78.4
 51 31.6 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.057 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

Tgt Ion: 42 Resp: 572174
 Ion Ratio Lower Upper
 42 100
 74 142.0 105.2 157.8
 44 8.6 6.6 9.8

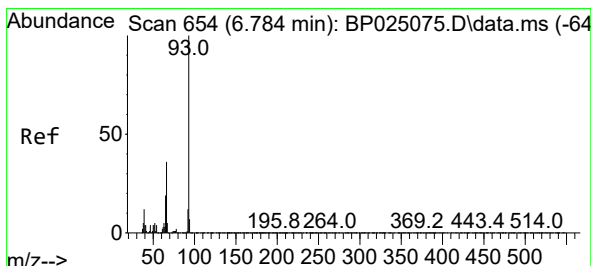
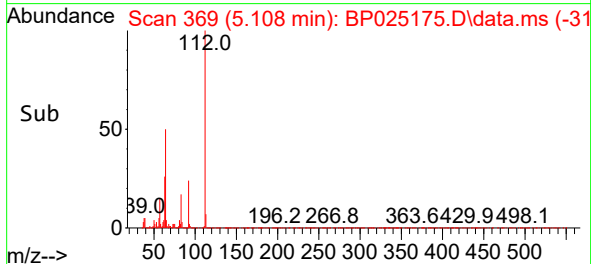
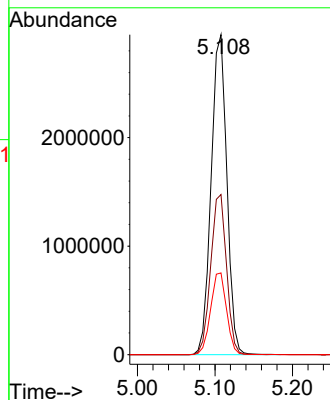
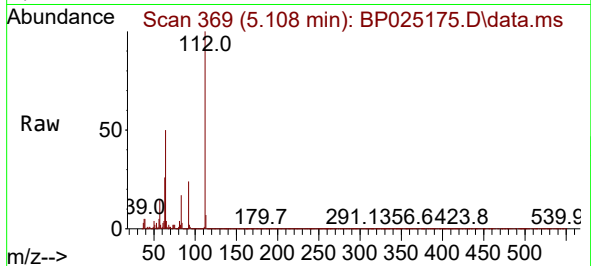




#5
2-Fluorophenol
Concen: 130.751 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

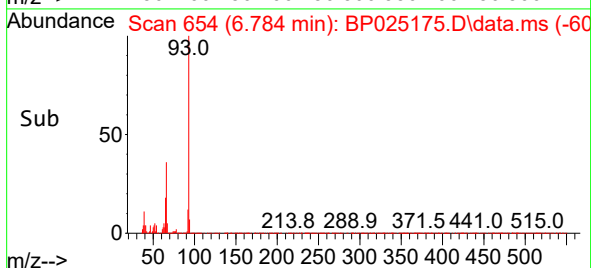
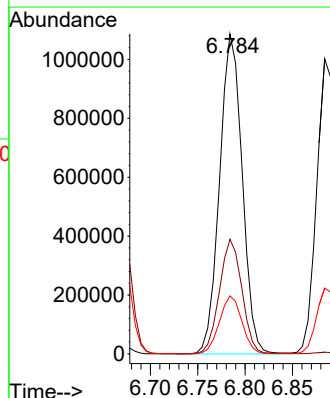
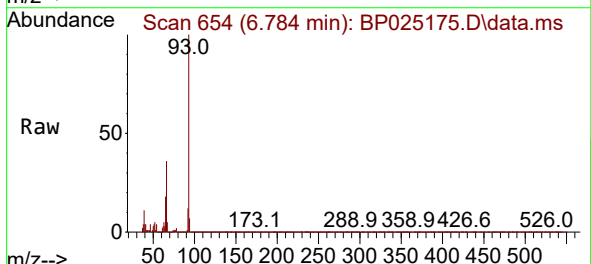
Instrument :
BNA_P
ClientSampleId :
PB168902BS

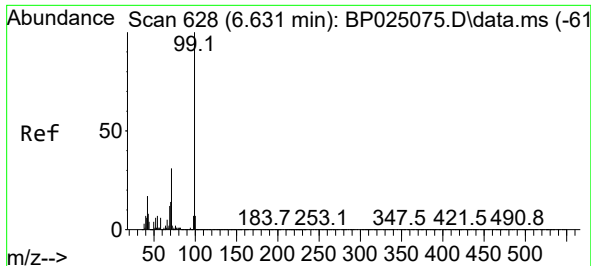
Tgt Ion:112 Resp: 4143295
Ion Ratio Lower Upper
112 100
64 50.0 42.0 63.0
63 25.5 22.2 33.2



#6
Aniline
Concen: 46.687 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 93 Resp: 1803850
Ion Ratio Lower Upper
93 100
66 35.9 28.9 43.3
65 18.1 15.2 22.8

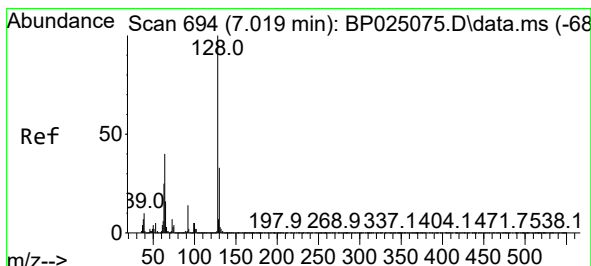
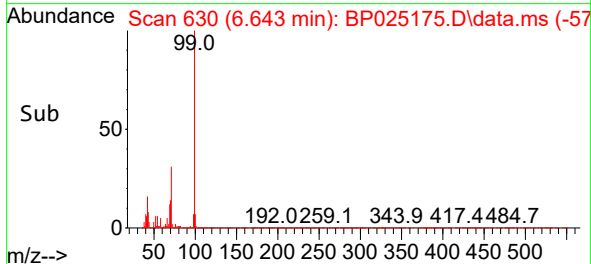
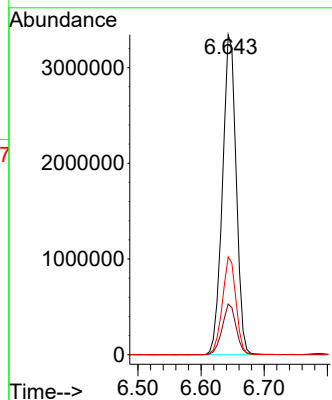
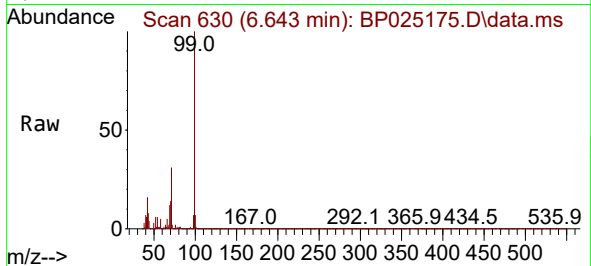




#7
Phenol-d6
Concen: 122.137 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

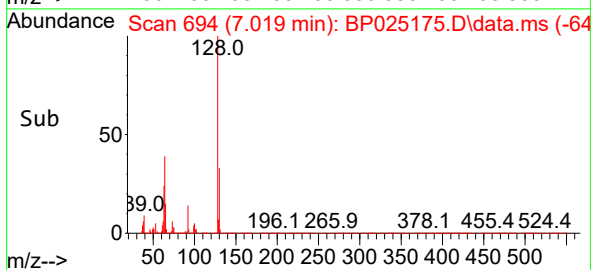
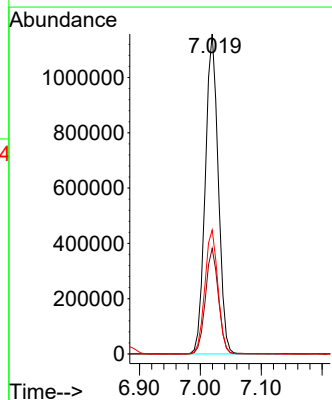
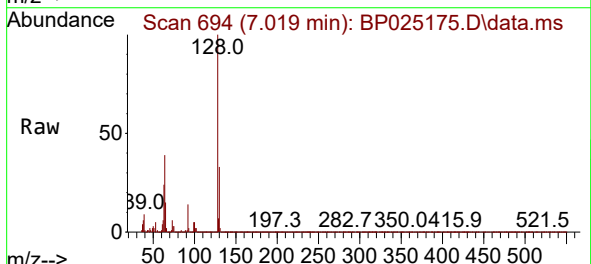
Instrument :
BNA_P
ClientSampleId :
PB168902BS

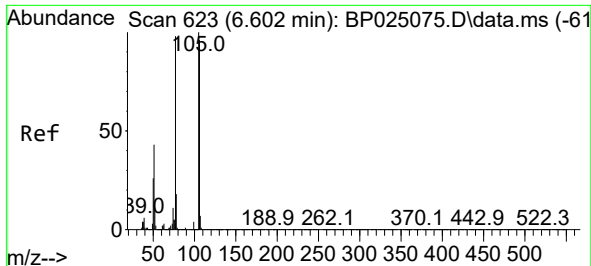
Tgt Ion: 99 Resp: 5050690
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.5 24.4 36.6



#8
2-Chlorophenol
Concen: 48.338 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:128 Resp: 1713818
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 38.8 20.3 60.3

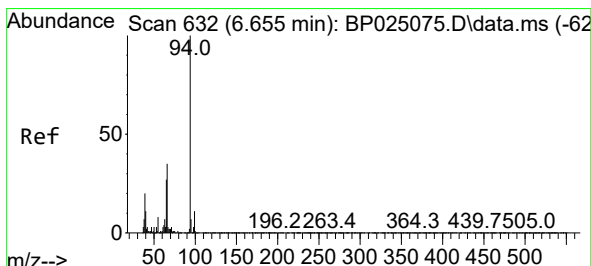
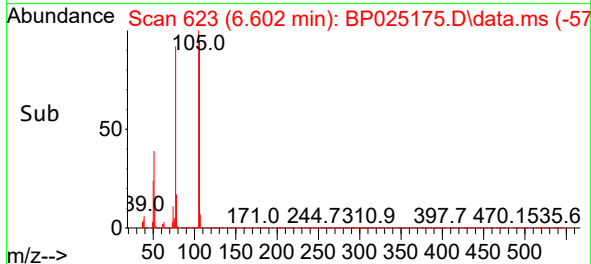
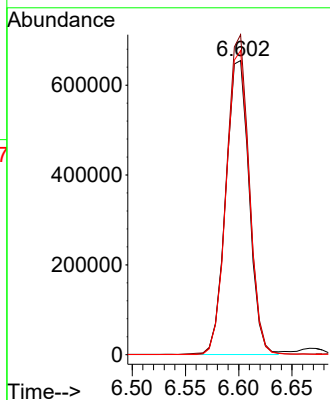
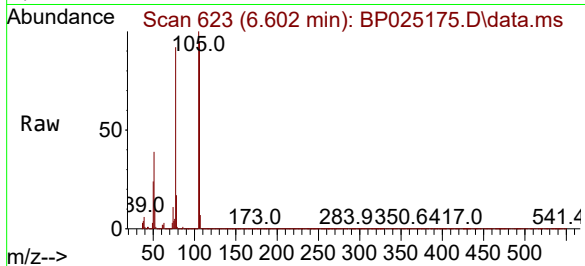




#9
Benzaldehyde
Concen: 46.118 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

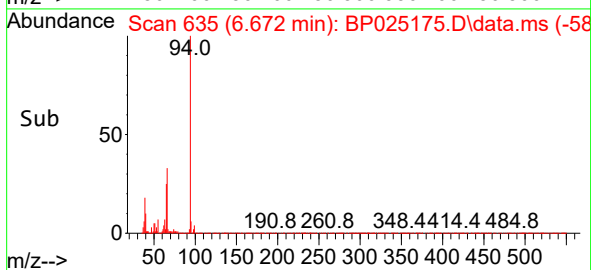
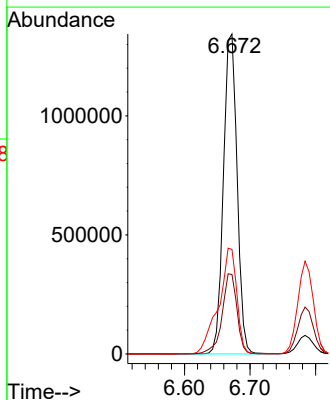
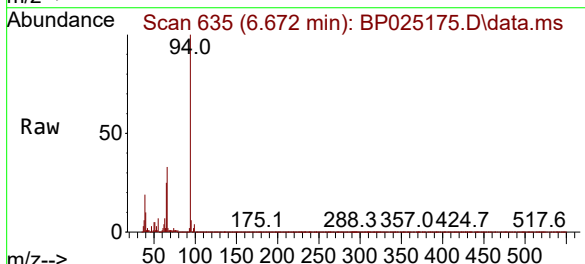
Instrument :
BNA_P
ClientSampleId :
PB168902BS

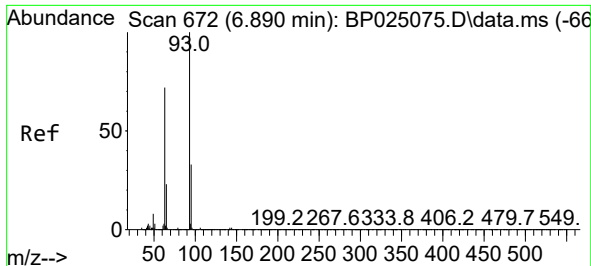
Tgt Ion: 77 Resp: 995986
Ion Ratio Lower Upper
77 100
105 108.8 82.4 122.4
106 103.4 78.3 118.3



#10
Phenol
Concen: 46.150 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 94 Resp: 1939103
Ion Ratio Lower Upper
94 100
65 24.8 6.9 46.9
66 32.7 14.6 54.6





#11

bis(2-Chloroethyl)ether

Concen: 43.782 ng

RT: 6.884 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

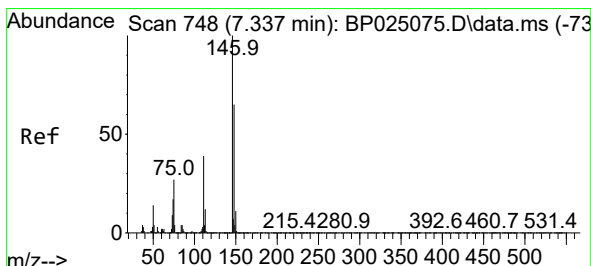
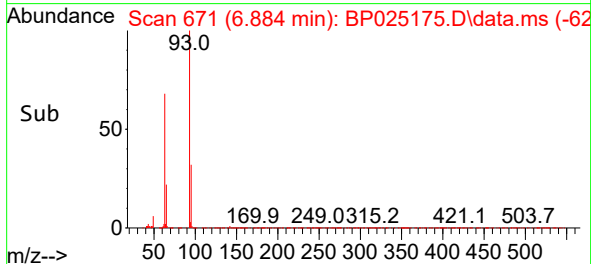
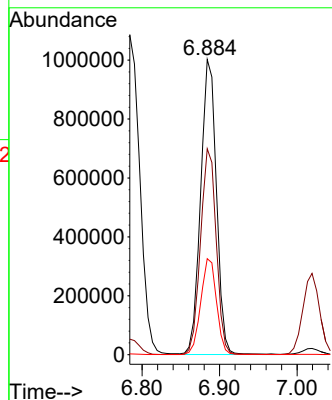
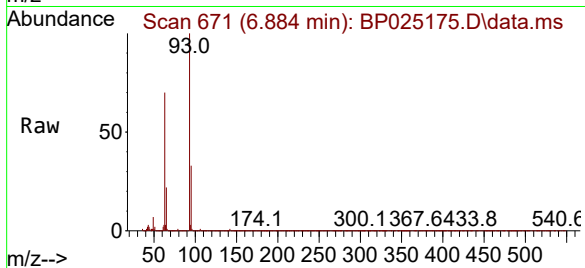
Tgt Ion: 93 Resp: 1415777

Ion Ratio Lower Upper

93 100

63 69.8 51.9 91.9

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.511 ng

RT: 7.331 min Scan# 747

Delta R.T. -0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

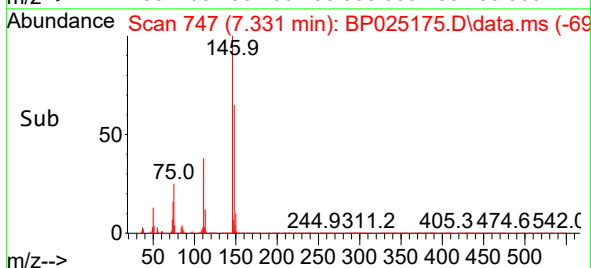
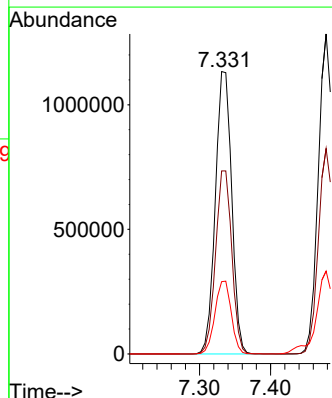
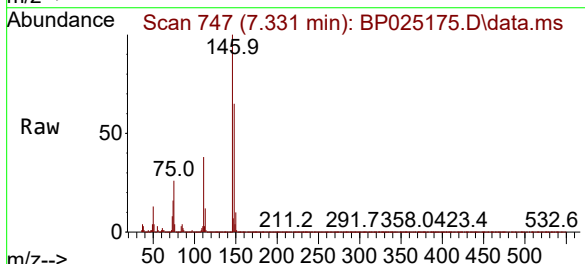
Tgt Ion:146 Resp: 1805890

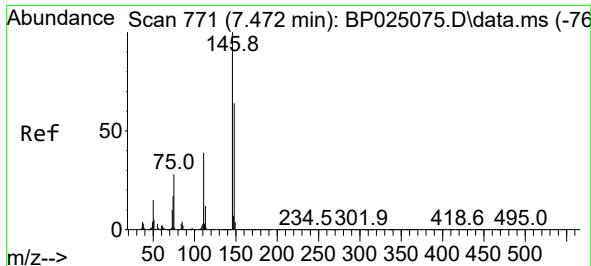
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 25.6 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 46.439 ng

RT: 7.478 min Scan# 71

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

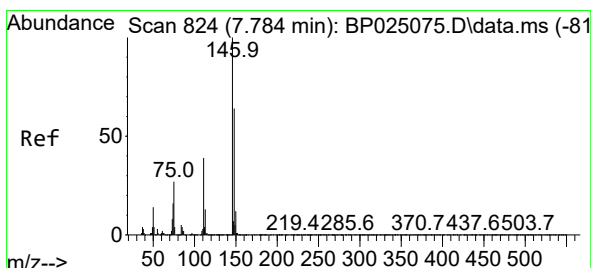
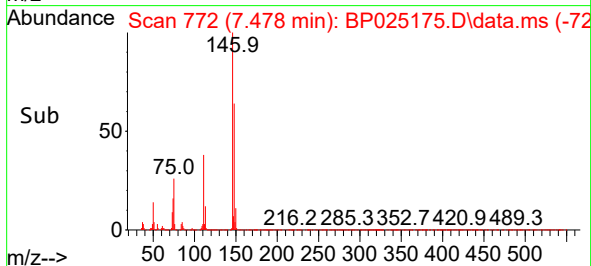
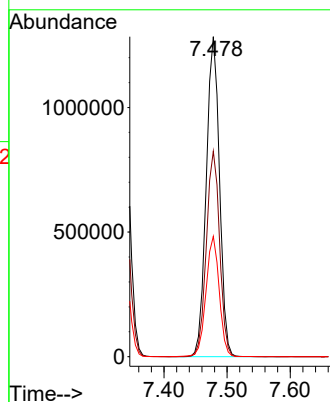
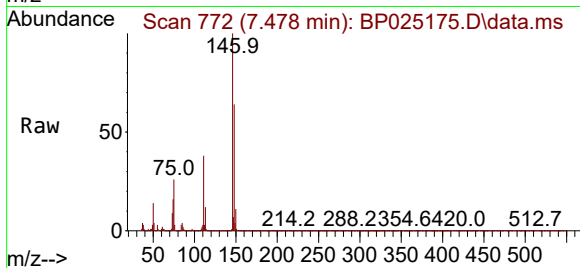
Tgt Ion:146 Resp: 1865680

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 37.6 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 46.200 ng

RT: 7.784 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

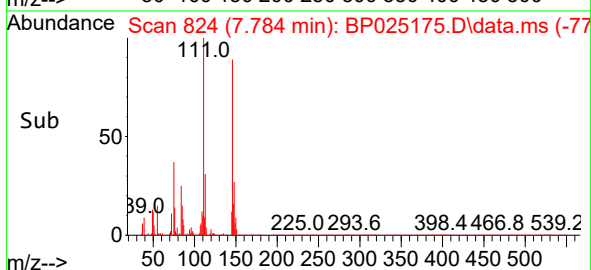
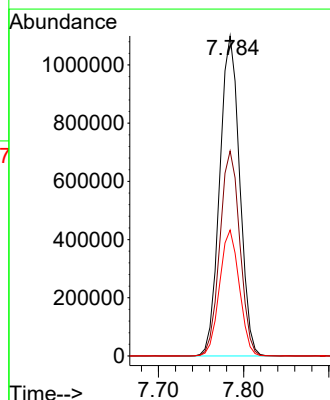
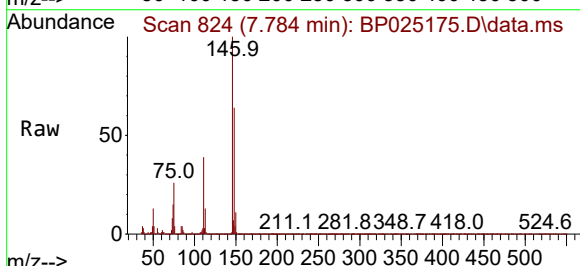
Tgt Ion:146 Resp: 1785488

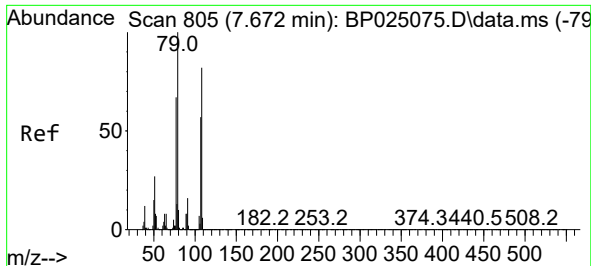
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 39.3 31.2 46.8

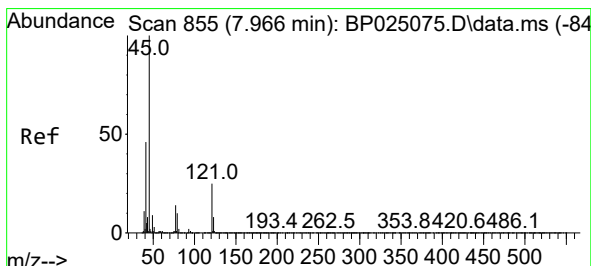
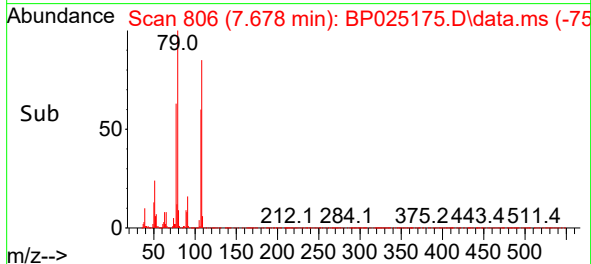
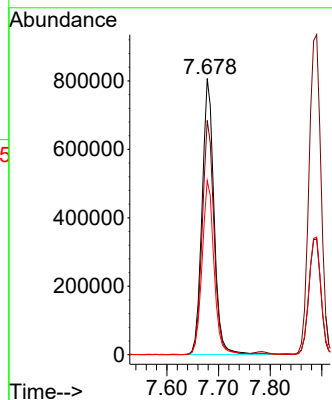
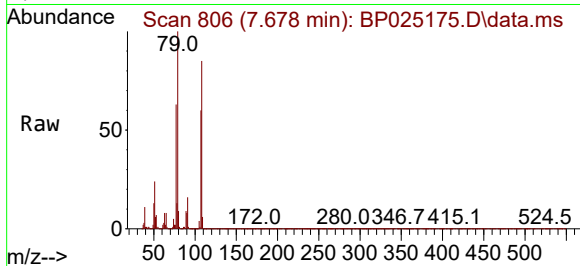




#15
Benzyl Alcohol
Concen: 46.850 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

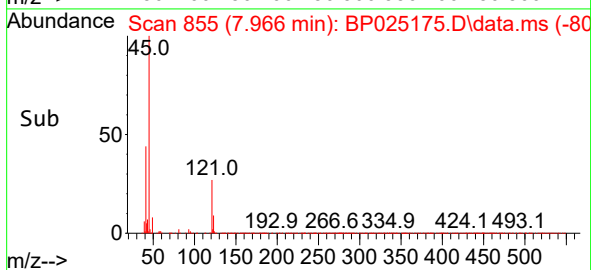
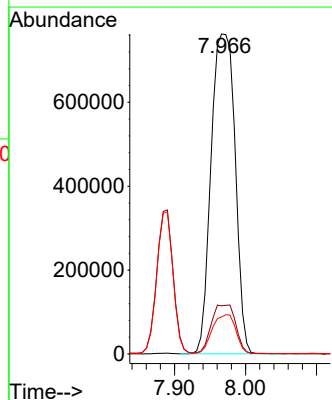
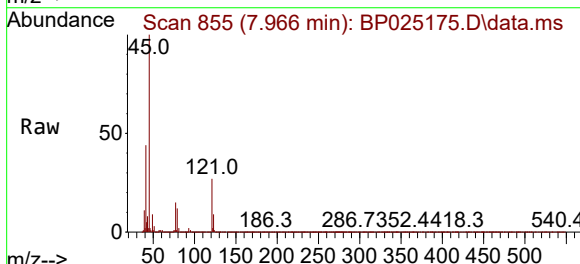
Instrument :
BNA_P
ClientSampleId :
PB168902BS

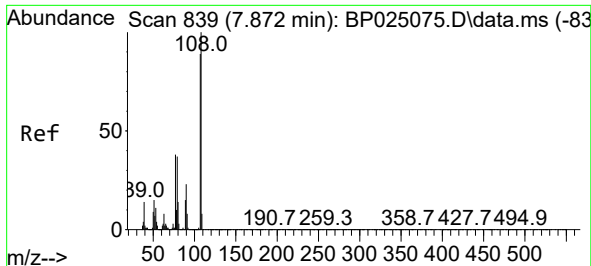
Tgt Ion: 79 Resp: 1293073
Ion Ratio Lower Upper
79 100
108 84.8 66.0 99.0
77 63.1 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.598 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 45 Resp: 1791113
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.6 0.0 30.7

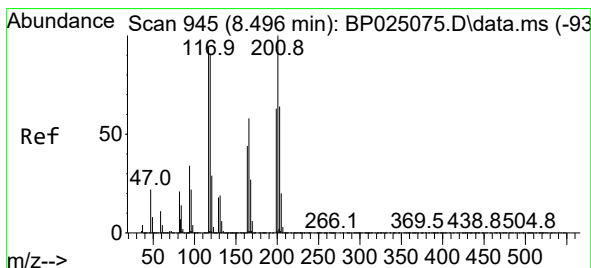
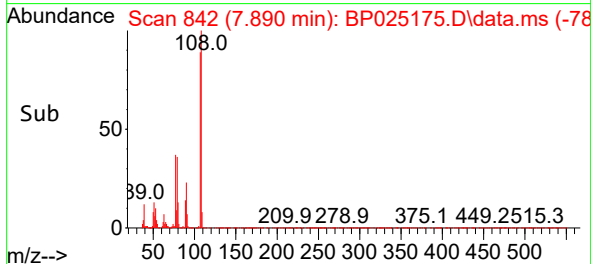
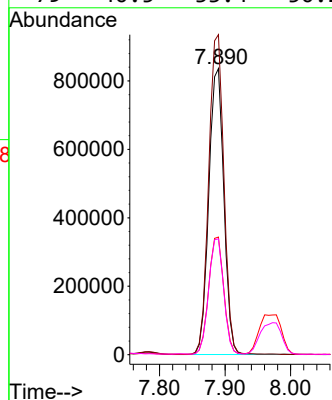
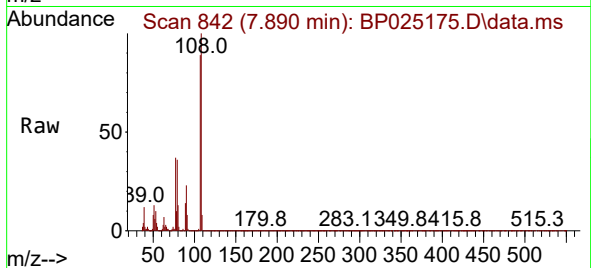




#17
2-Methylphenol
Concen: 49.352 ng
RT: 7.890 min Scan# 841
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

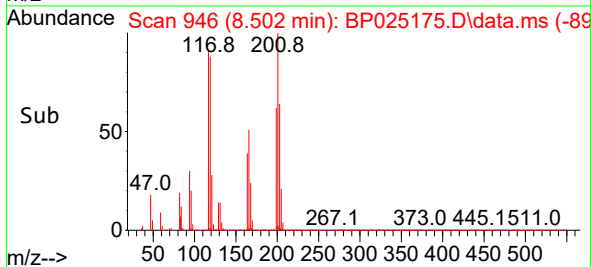
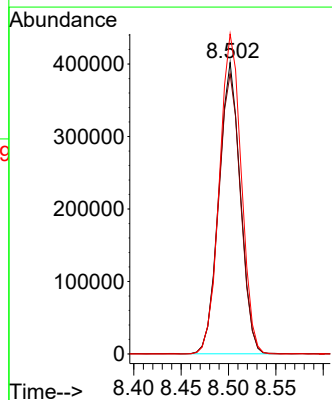
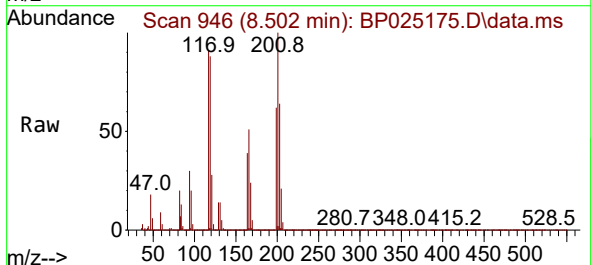
Instrument :
BNA_P
ClientSampleId :
PB168902BS

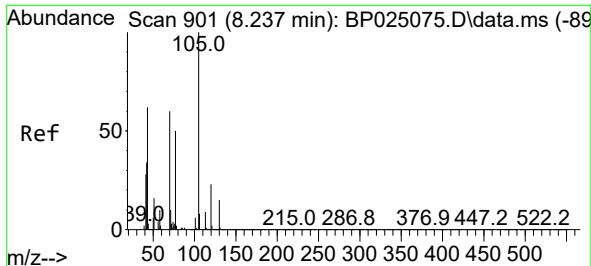
Tgt Ion:107 Resp: 1335782
Ion Ratio Lower Upper
107 100
108 111.8 89.7 134.5
77 41.1 34.2 51.4
79 40.5 33.4 50.2



#18
Hexachloroethane
Concen: 48.533 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:117 Resp: 635188
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0
201 109.8 85.4 128.2



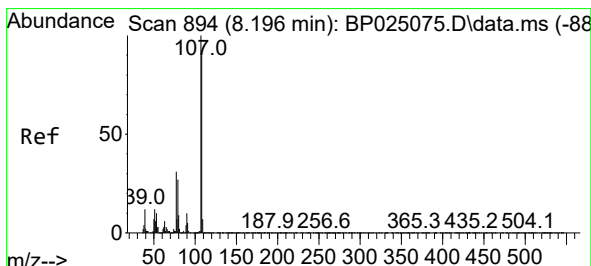
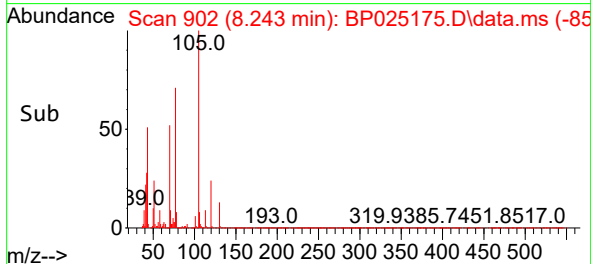
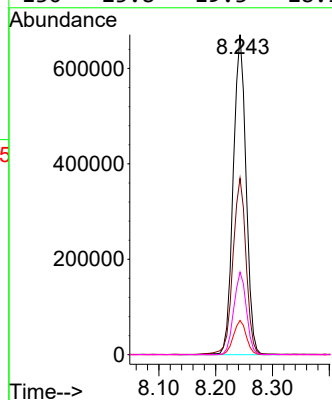
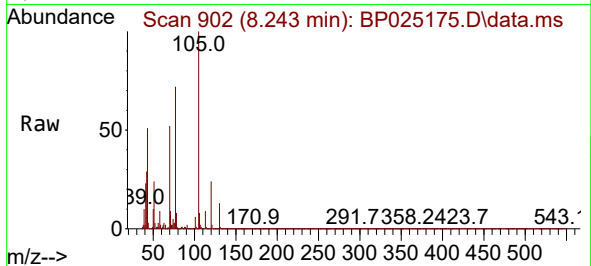


#19
n-Nitroso-di-n-propylamine
Concen: 42.623 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Instrument :
BNA_P
ClientSampleId :
PB168902BS

Tgt Ion: 70 Resp: 1045303

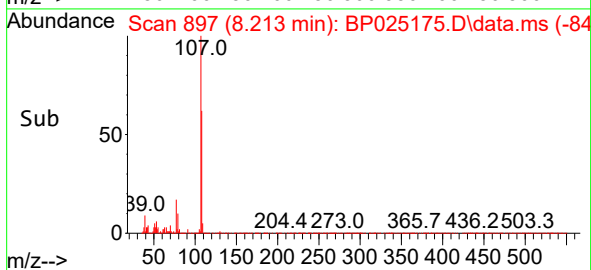
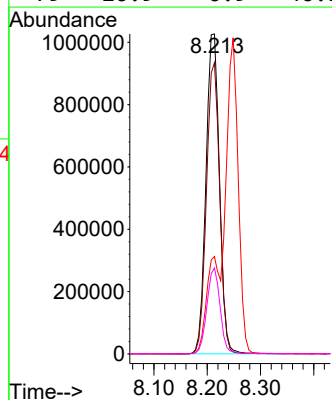
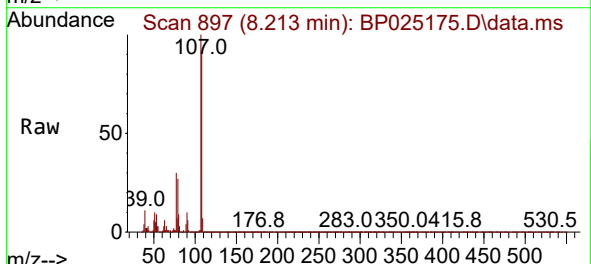
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.5	69.7
101	10.7	7.9	11.9
130	25.8	19.3	28.9

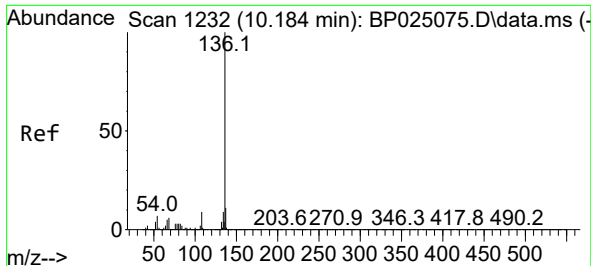


#20
3+4-Methylphenols
Concen: 47.749 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:107 Resp: 1810219

Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.5	109.5
77	30.5	11.4	51.4
79	26.9	6.9	46.9

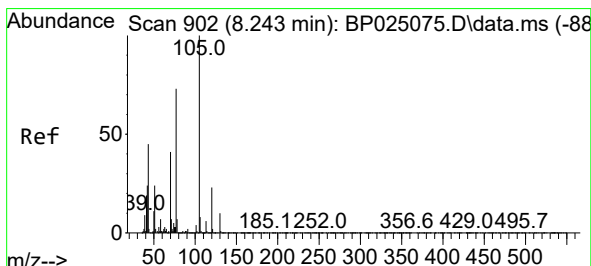
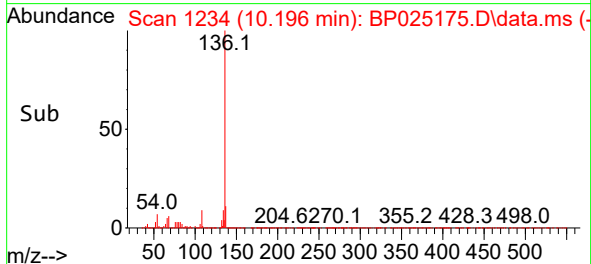
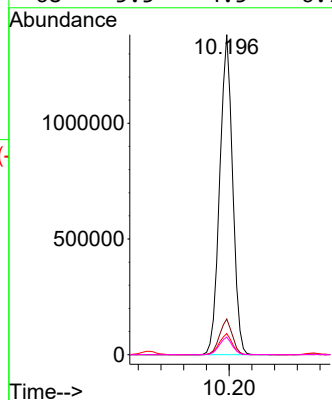
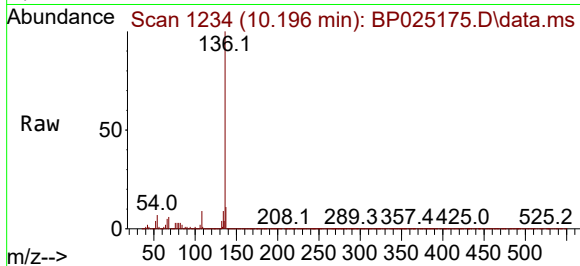




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

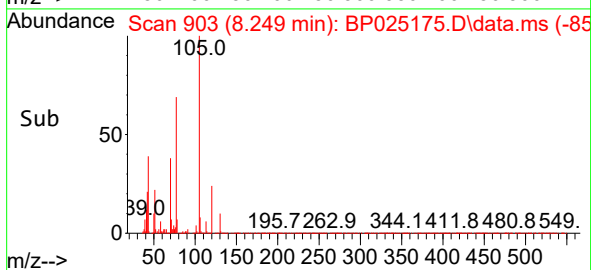
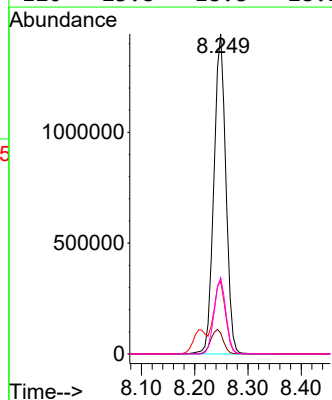
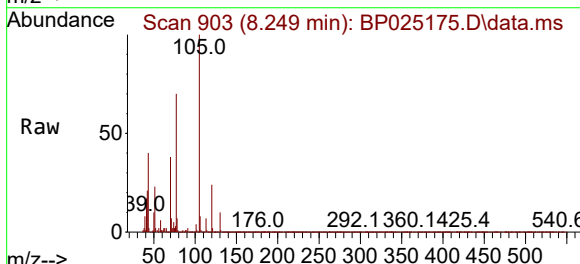
Instrument :
BNA_P
ClientSampleId :
PB168902BS

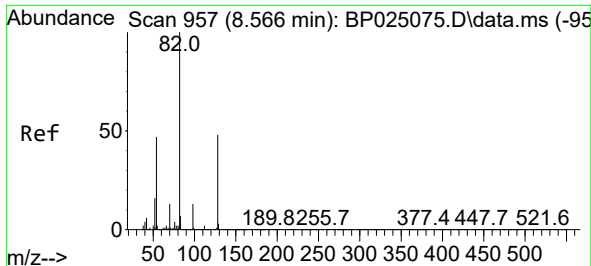
Tgt Ion:136 Resp: 2177726
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7



#22
Acetophenone
Concen: 43.629 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:105 Resp: 2247012
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.2
51 22.7 19.6 29.4
120 23.8 18.8 28.2

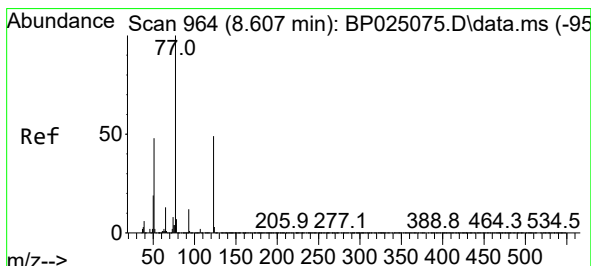
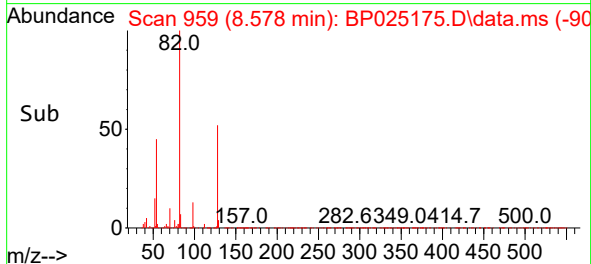
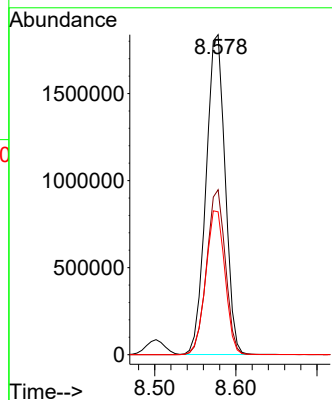
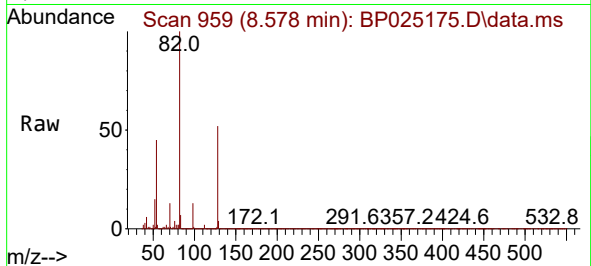




#23
Nitrobenzene-d5
Concen: 91.573 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

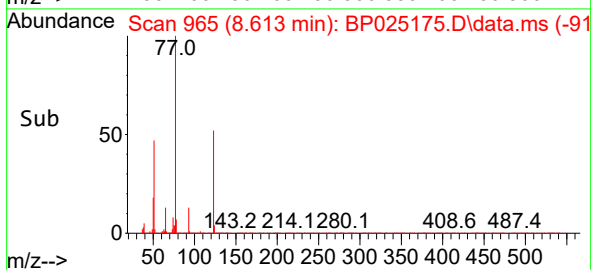
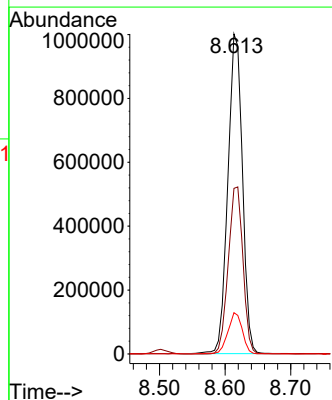
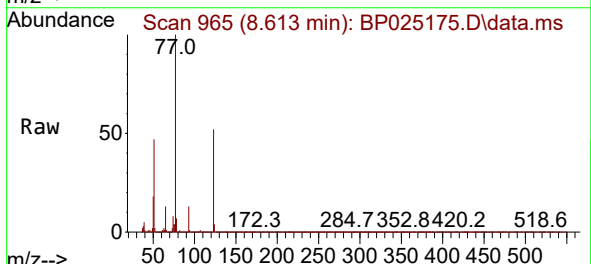
Instrument :
BNA_P
ClientSampleId :
PB168902BS

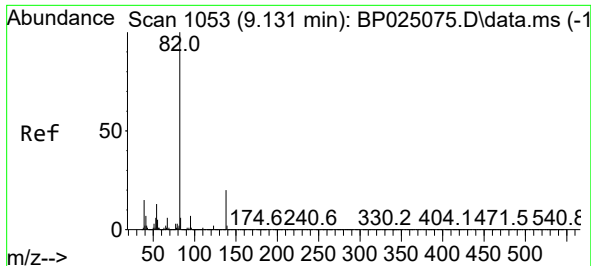
Tgt Ion: 82 Resp: 2998588
Ion Ratio Lower Upper
82 100
128 51.6 38.4 57.6
54 44.6 37.8 56.6



#24
Nitrobenzene
Concen: 46.255 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 77 Resp: 1542789
Ion Ratio Lower Upper
77 100
123 51.8 39.0 58.6
65 12.9 10.7 16.1

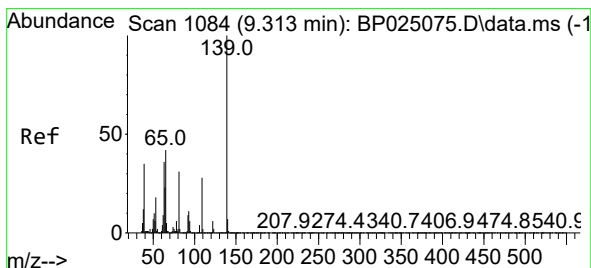
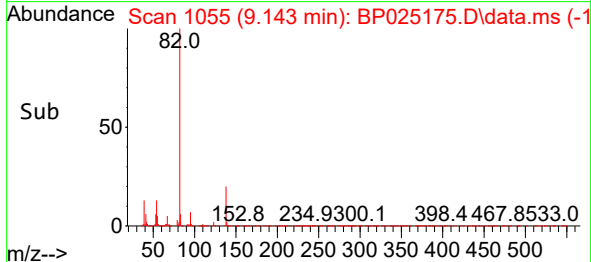
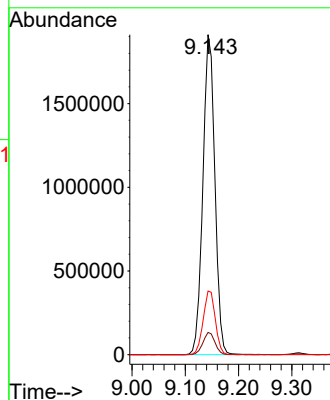
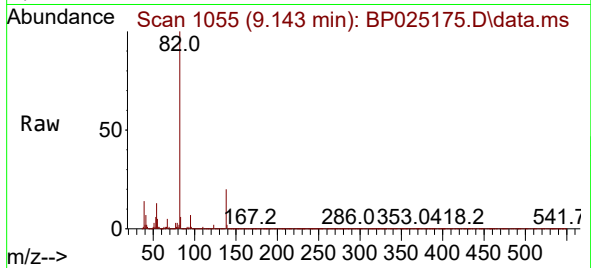




#25
Isophorone
Concen: 48.679 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

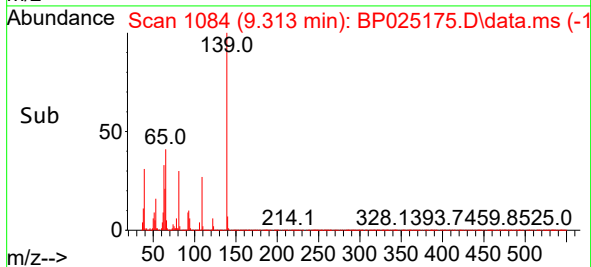
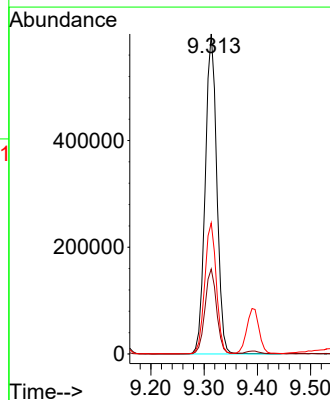
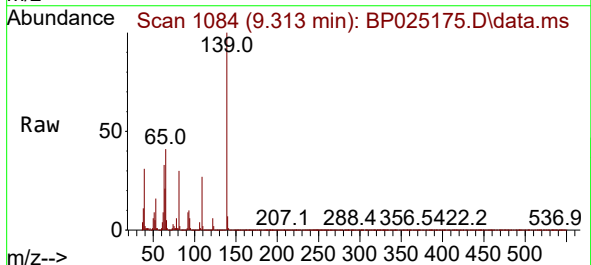
Instrument :
BNA_P
ClientSampleId :
PB168902BS

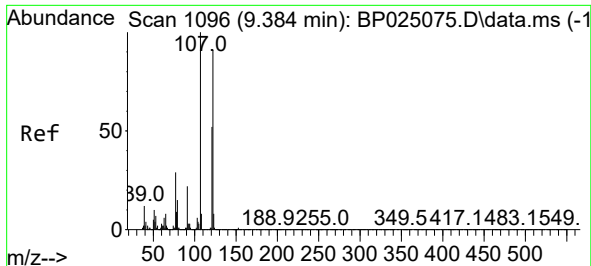
Tgt Ion: 82 Resp: 2978913
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.9 15.7 23.5



#26
2-Nitrophenol
Concen: 55.233 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 139 Resp: 902612
Ion Ratio Lower Upper
139 100
109 26.6 22.3 33.5
65 40.9 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 67.897 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

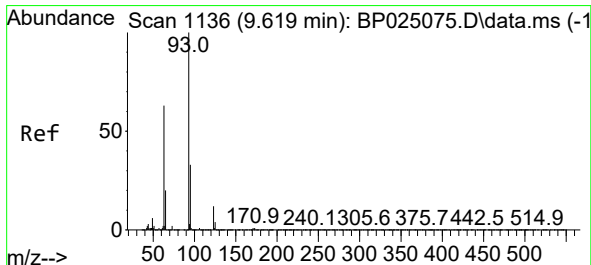
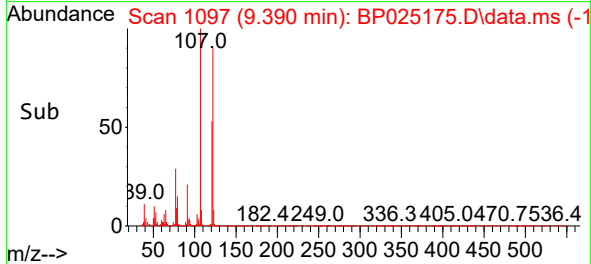
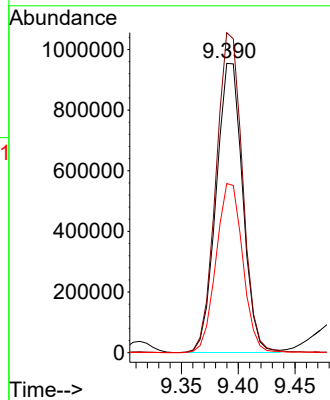
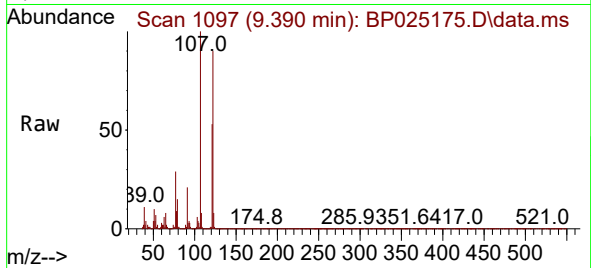
Tgt Ion:122 Resp: 1549913

Ion Ratio Lower Upper

122 100

107 110.6 88.2 132.2

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.515 ng

RT: 9.619 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

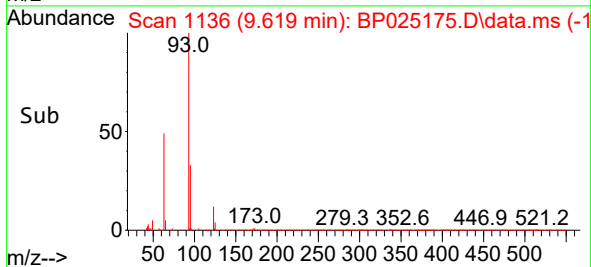
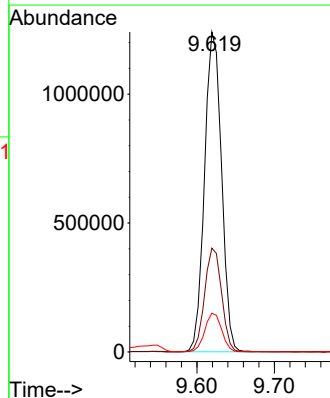
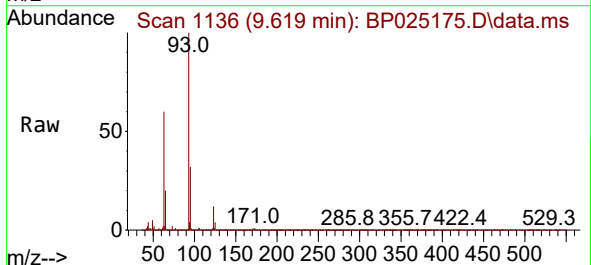
Tgt Ion: 93 Resp: 1891193

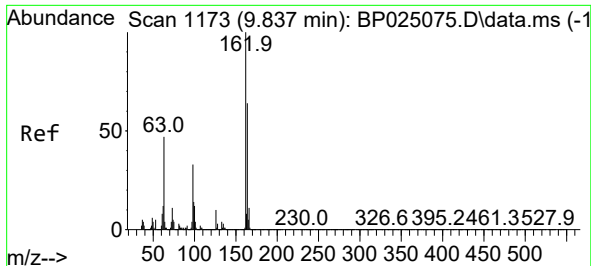
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.1 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 51.219 ng

RT: 9.854 min Scan# 1176

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

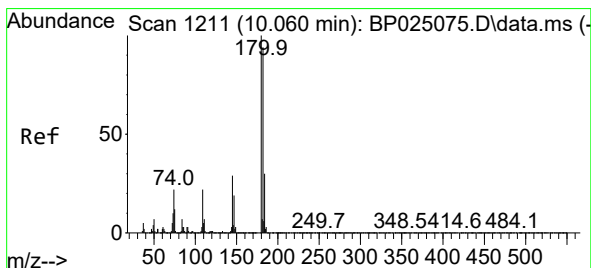
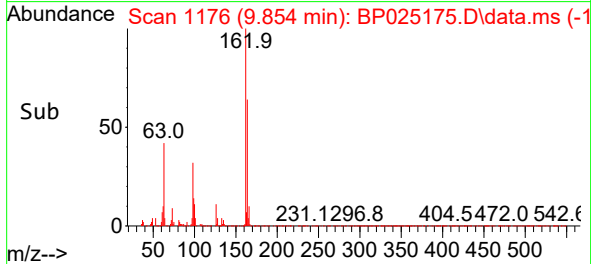
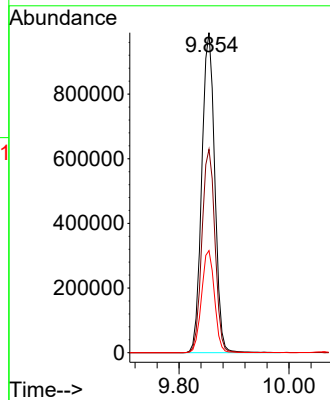
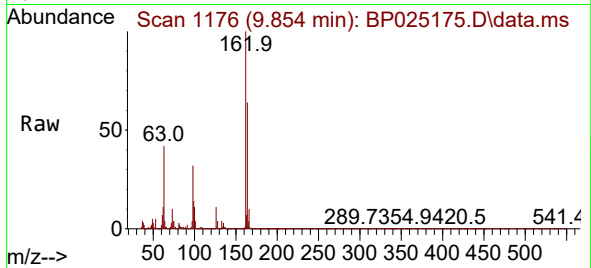
Tgt Ion:162 Resp: 1621241

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

98 31.9 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 47.494 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

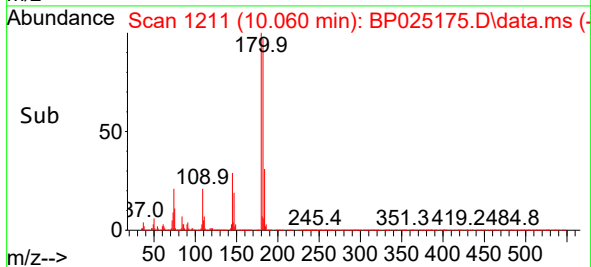
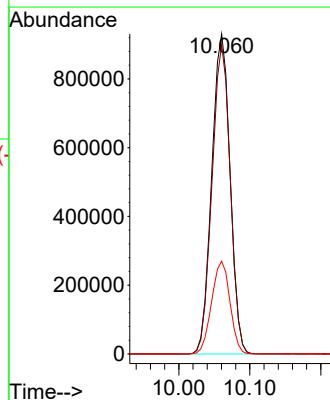
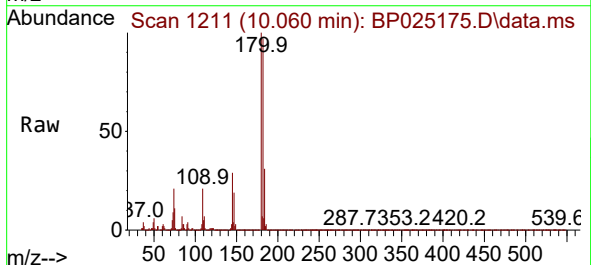
Tgt Ion:180 Resp: 1664790

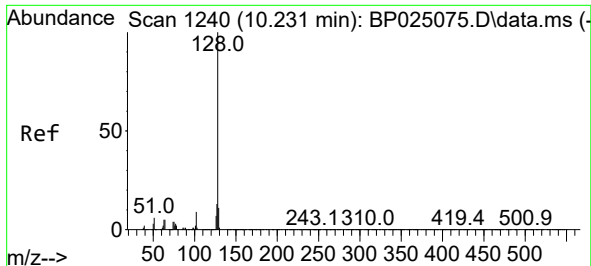
Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 29.0 23.3 34.9

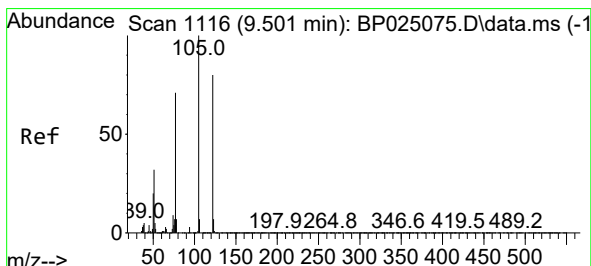
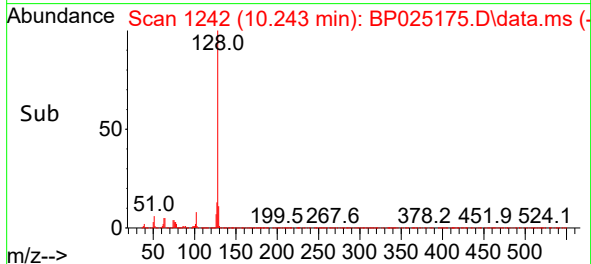
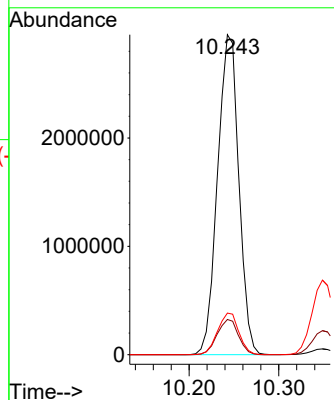
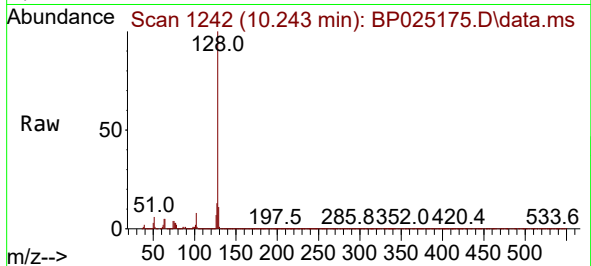




#31
Naphthalene
Concen: 43.311 ng
RT: 10.243 min Scan# 1124
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

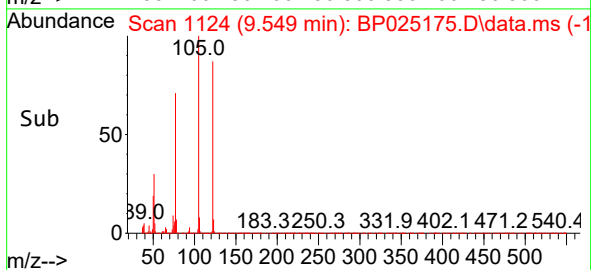
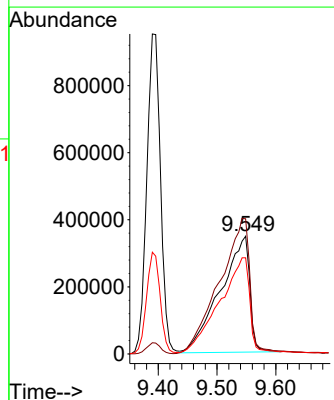
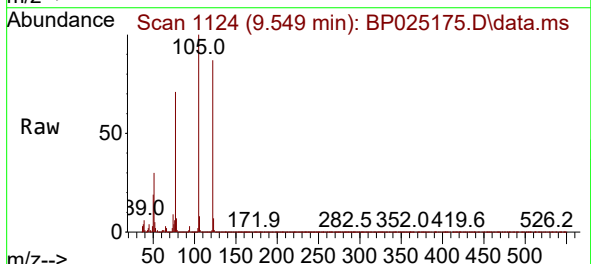
Instrument :
BNA_P
ClientSampleId :
PB168902BS

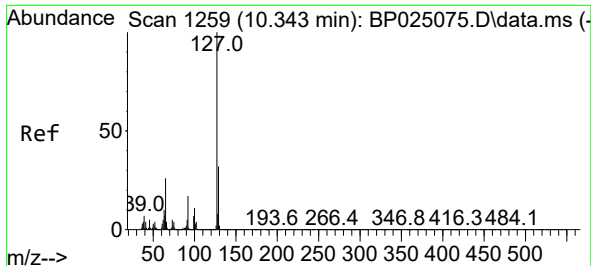
Tgt Ion:128 Resp: 4856654
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 51.977 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:122 Resp: 1198794
Ion Ratio Lower Upper
122 100
105 114.7 101.0 141.0
77 81.6 67.6 107.6



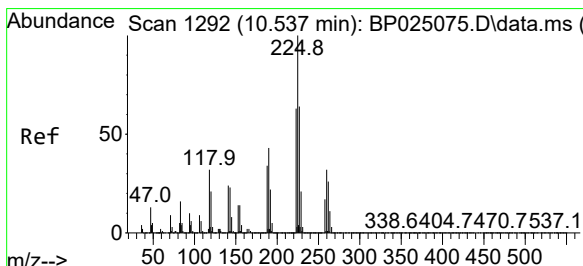
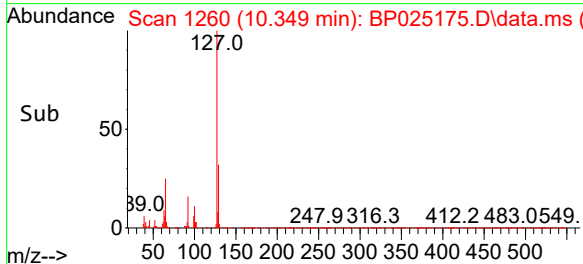
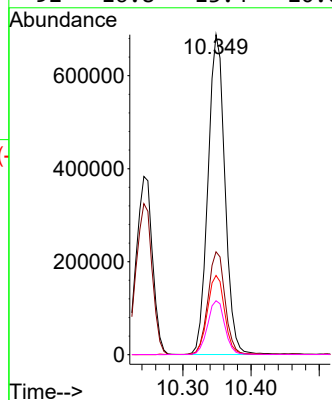
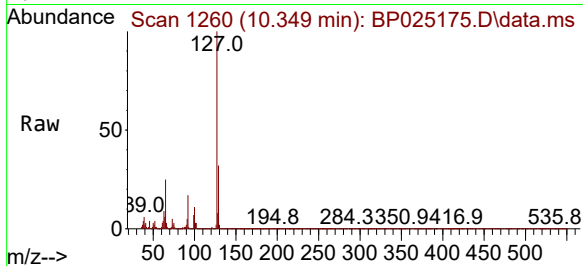


#33
4-Chloroaniline
Concen: 28.443 ng
RT: 10.349 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Instrument :
BNA_P
ClientSampleId :
PB168902BS

Tgt Ion:127 Resp: 1190282

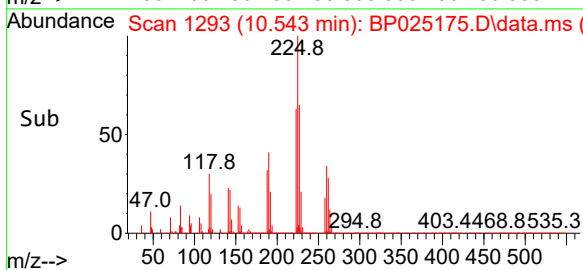
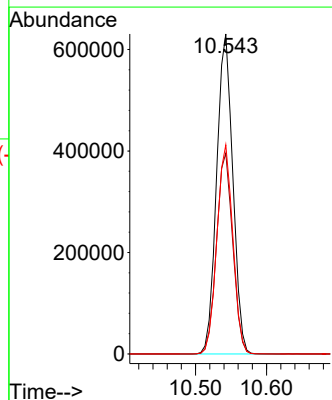
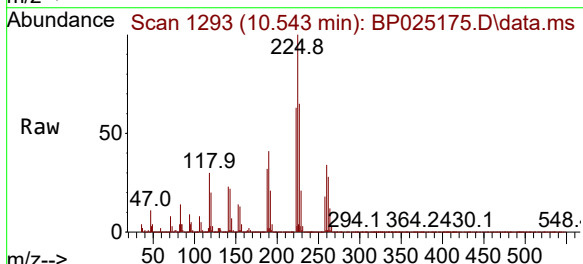
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	24.8	21.0	31.6
92	16.8	13.4	20.0

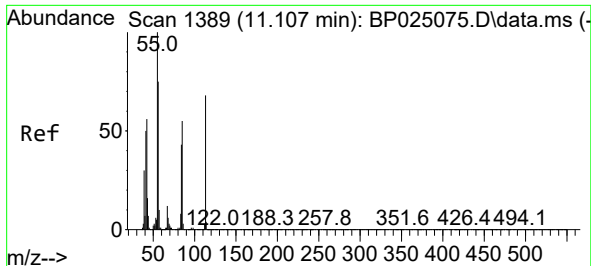


#34
Hexachlorobutadiene
Concen: 49.336 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:225 Resp: 992407

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	65.4	51.3	76.9

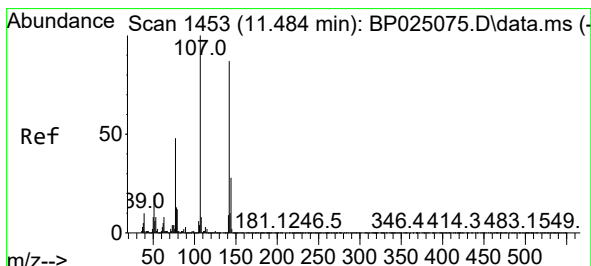
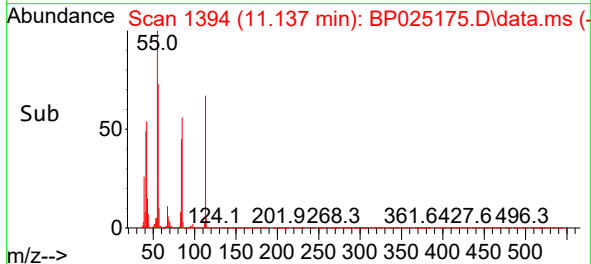
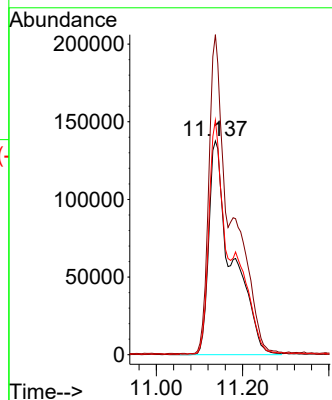
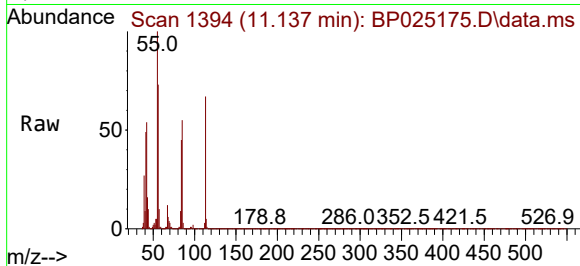




#35
Caprolactam
Concen: 47.420 ng m
RT: 11.137 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

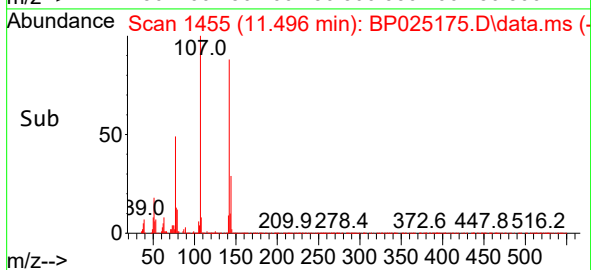
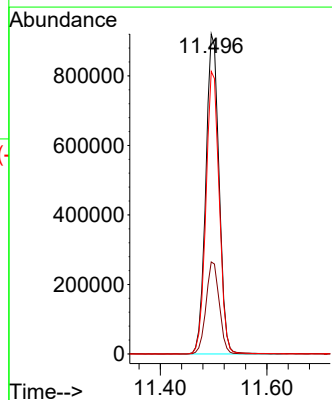
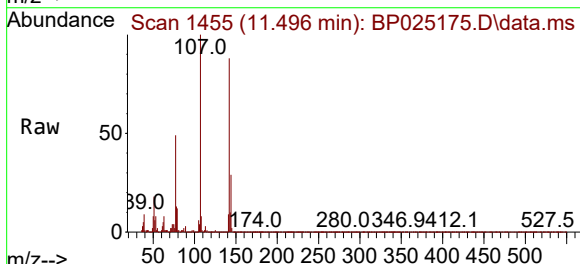
Instrument :
BNA_P
ClientSampleId :
PB168902BS

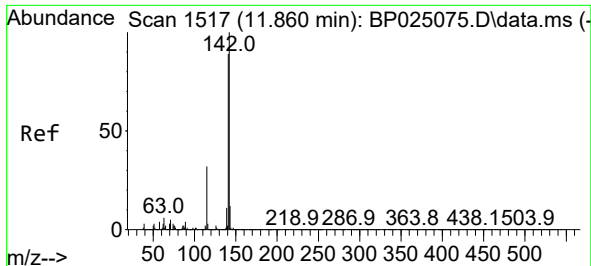
Tgt Ion:113 Resp: 513485
Ion Ratio Lower Upper
113 100
55 149.7 128.1 168.1
56 109.7 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 47.998 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:107 Resp: 1587665
Ion Ratio Lower Upper
107 100
144 28.7 22.4 33.6
142 88.3 69.6 104.4

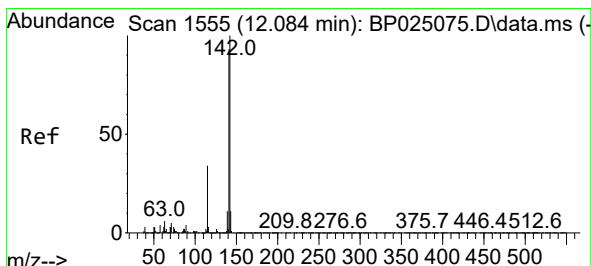
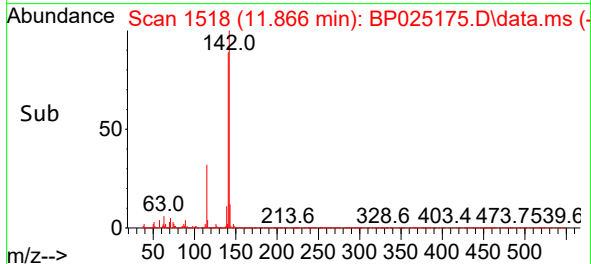
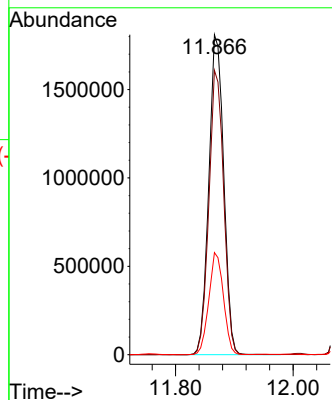
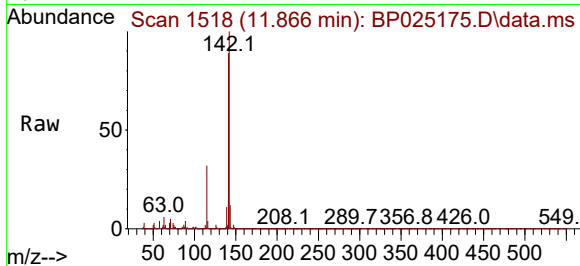




#37
2-Methylnaphthalene
Concen: 40.214 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

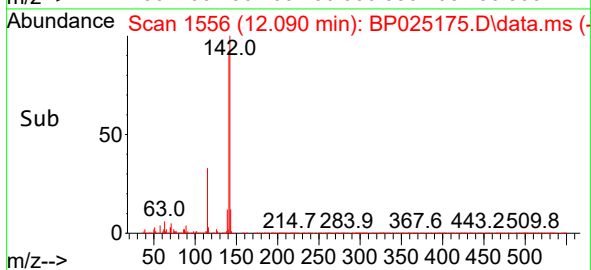
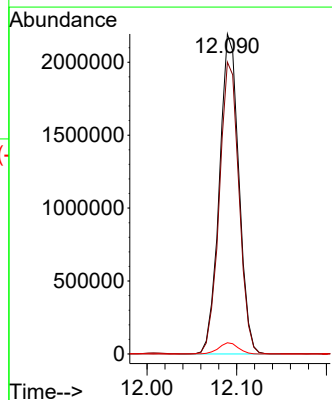
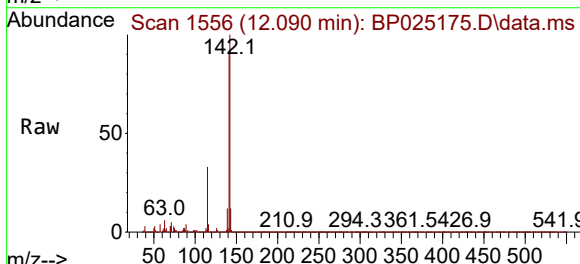
Instrument :
BNA_P
ClientSampleId :
PB168902BS

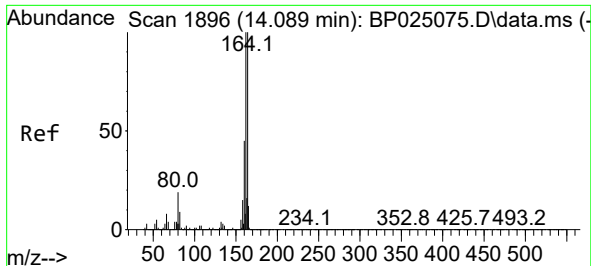
Tgt Ion:142 Resp: 3181709
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 31.9 25.9 38.9



#38
1-Methylnaphthalene
Concen: 42.864 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:142 Resp: 3307575
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1
116 3.5 2.7 4.1

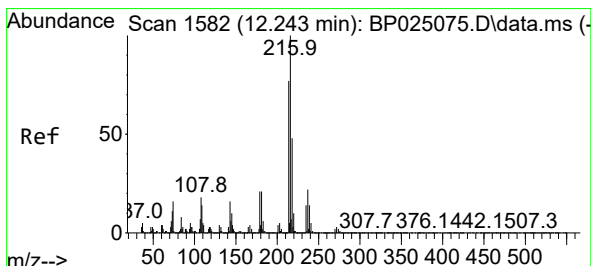
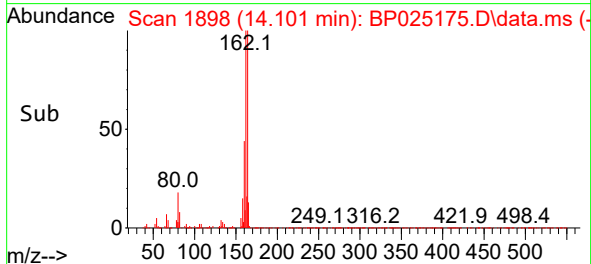
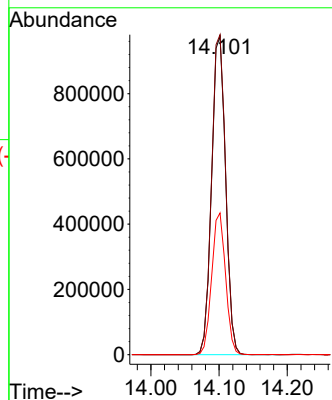
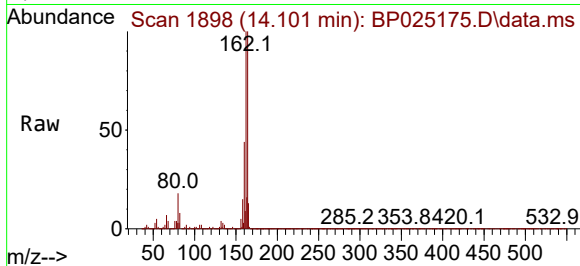




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

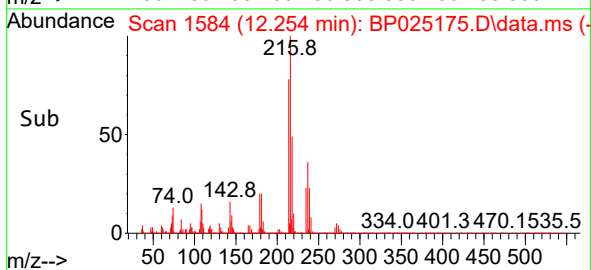
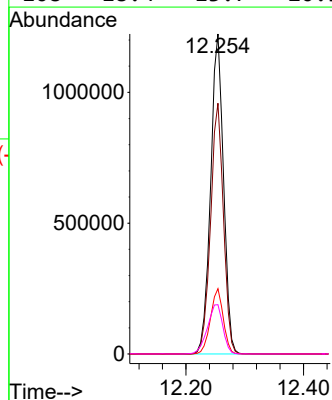
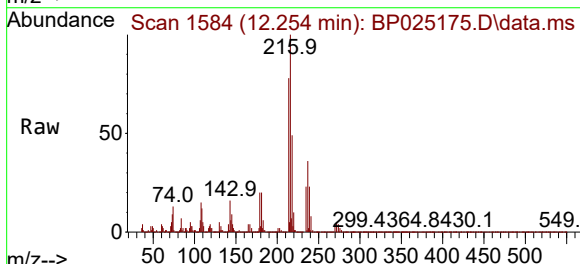
Instrument :
BNA_P
ClientSampleId :
PB168902BS

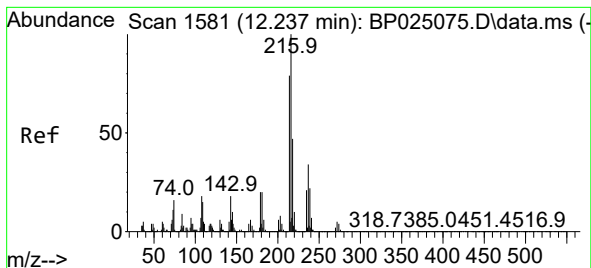
Tgt Ion:164 Resp: 1387226
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.604 ng
RT: 12.254 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:216 Resp: 1858051
Ion Ratio Lower Upper
216 100
214 78.2 62.4 93.6
179 20.3 16.5 24.7
108 18.4 13.7 20.5

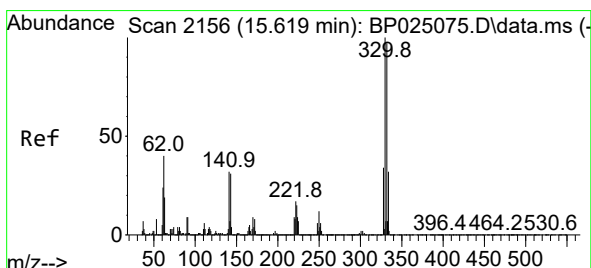
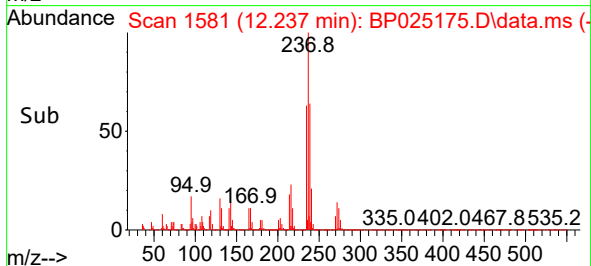
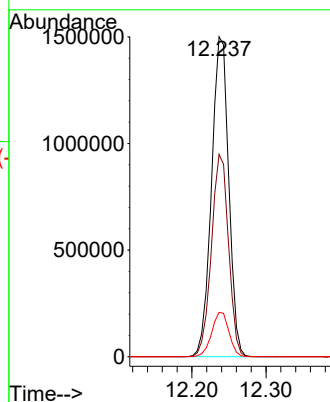
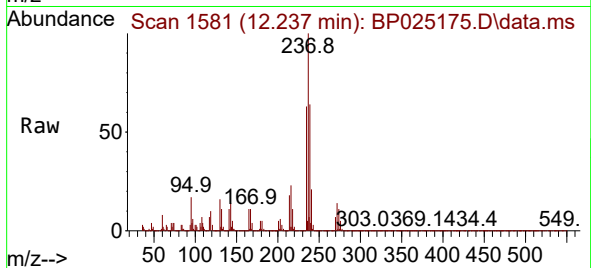




#41
Hexachlorocyclopentadiene
Concen: 231.804 ng
RT: 12.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

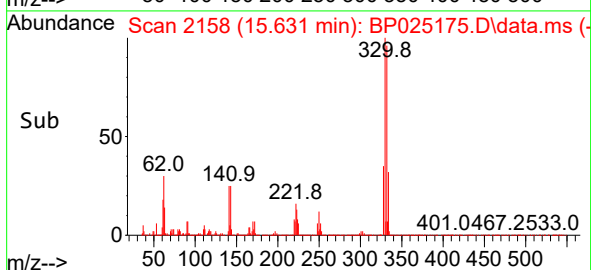
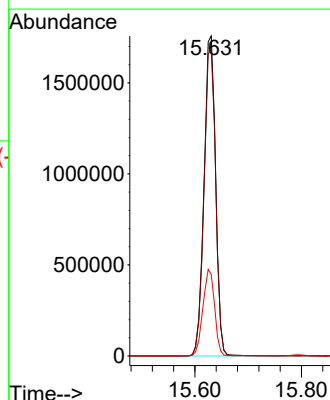
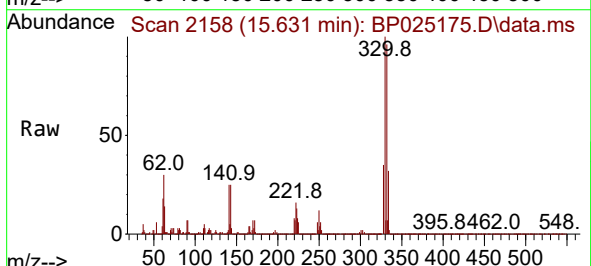
Instrument :
BNA_P
ClientSampleId :
PB168902BS

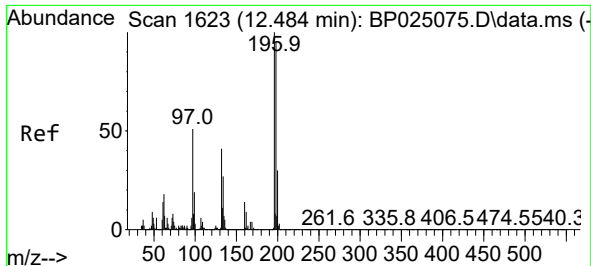
Tgt Ion:237 Resp: 2413979
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 161.928 ng
RT: 15.631 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:330 Resp: 2653637
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 27.2 26.0 39.0

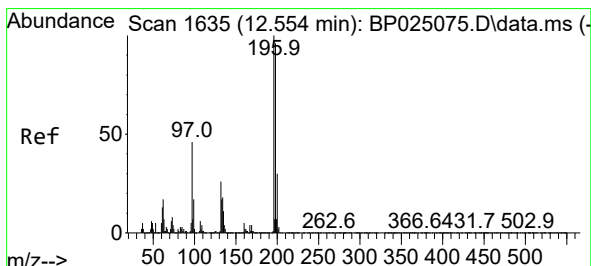
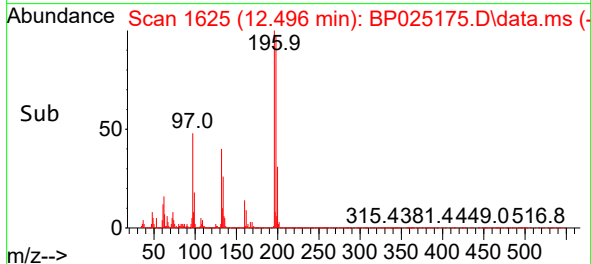
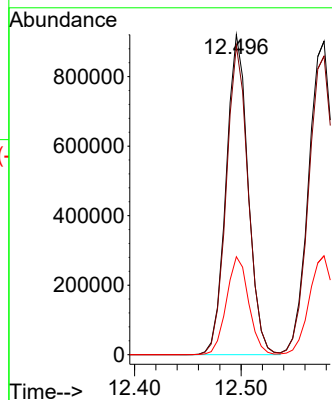
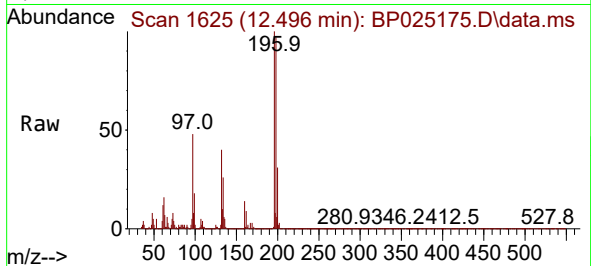




#43
2,4,6-Trichlorophenol
Concen: 54.778 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

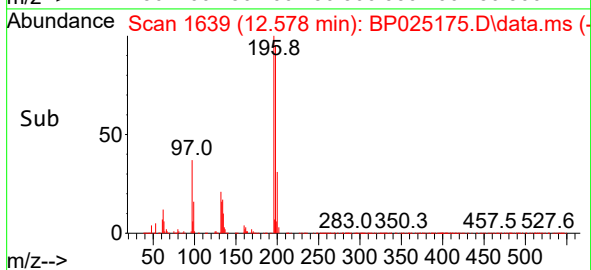
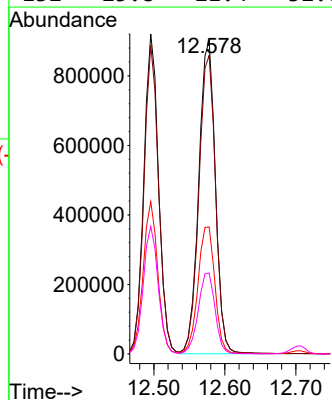
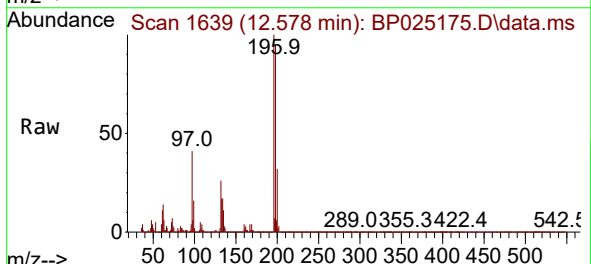
Instrument :
BNA_P
ClientSampleId :
PB168902BS

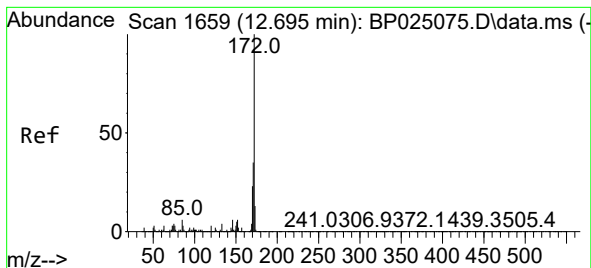
Tgt Ion:196 Resp: 1322414
Ion Ratio Lower Upper
196 100
198 96.6 76.2 114.2
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 53.663 ng
RT: 12.578 min Scan# 1639
Delta R.T. 0.024 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:196 Resp: 1468176
Ion Ratio Lower Upper
196 100
198 95.2 76.6 115.0
97 40.5 36.6 55.0
132 25.8 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 87.859 ng

RT: 12.707 min Scan# 1661

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

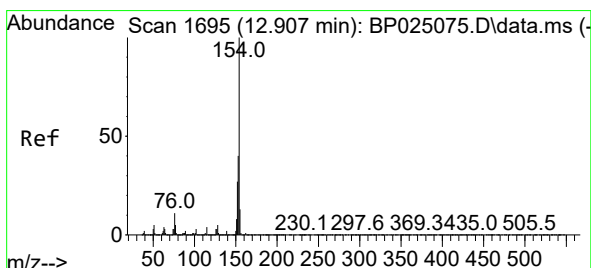
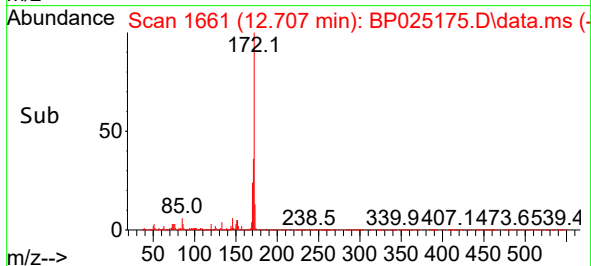
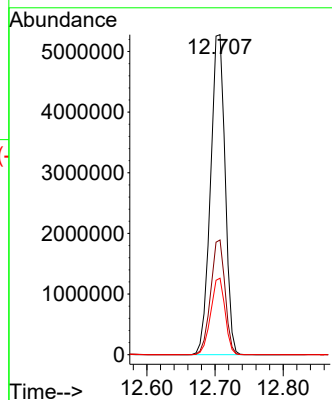
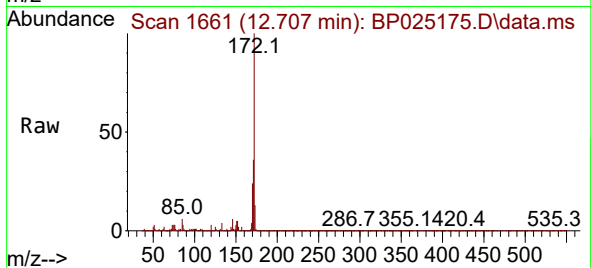
Tgt Ion:172 Resp: 7867477

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.270 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

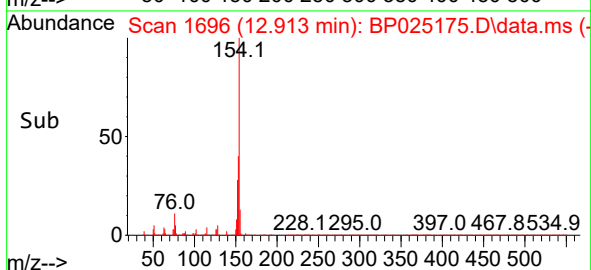
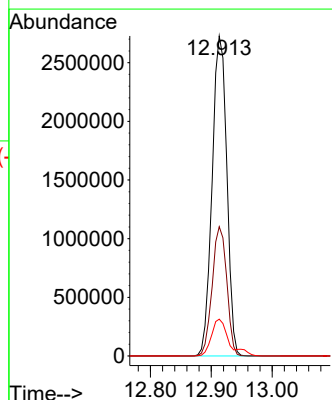
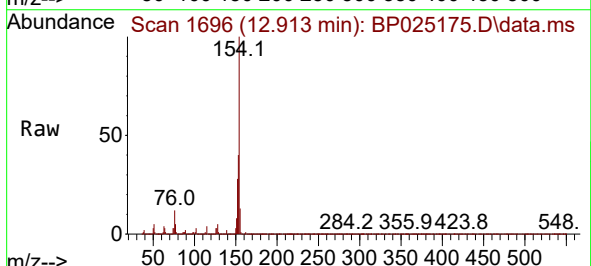
Tgt Ion:154 Resp: 4569256

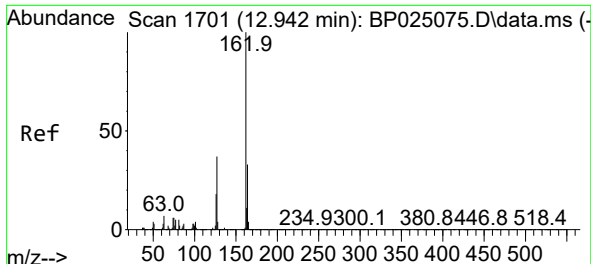
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 11.5 0.0 31.5

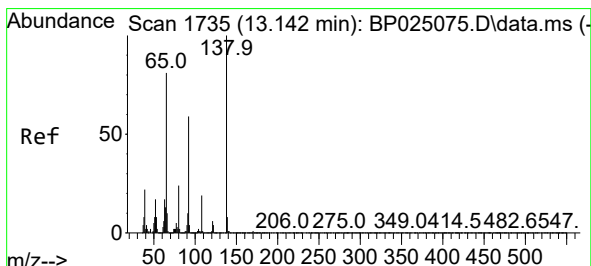
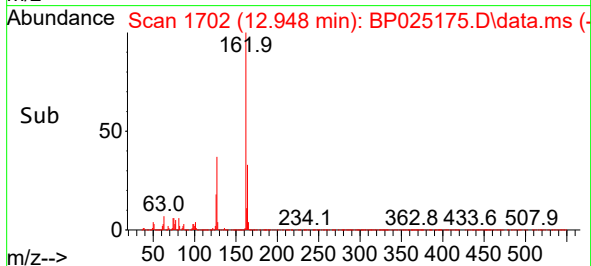
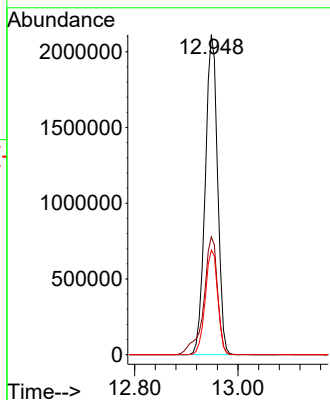
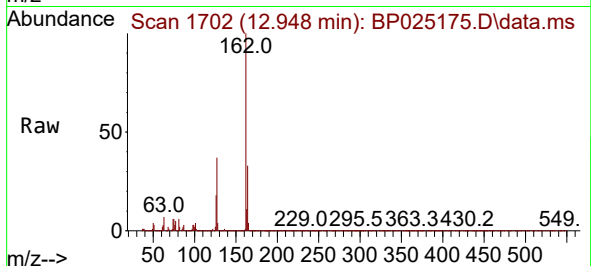




#47
2-Chloronaphthalene
Concen: 46.099 ng
RT: 12.948 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

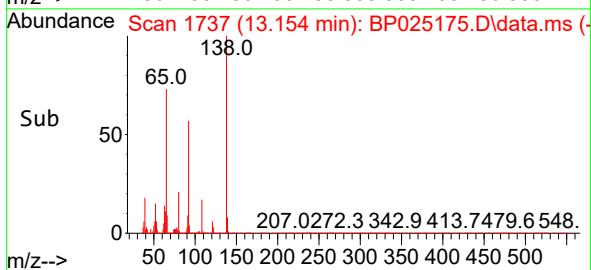
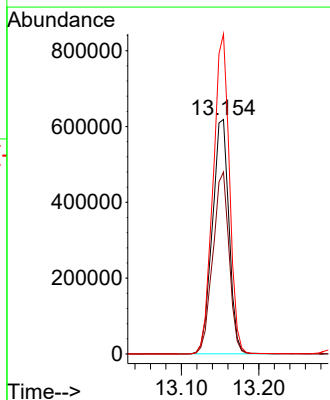
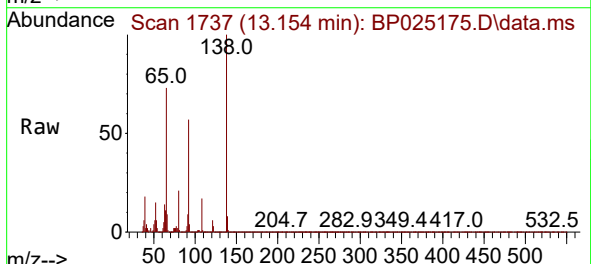
Instrument :
BNA_P
ClientSampleId :
PB168902BS

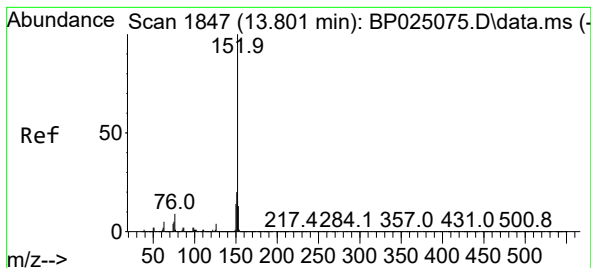
Tgt Ion:162 Resp: 3497146
Ion Ratio Lower Upper
162 100
127 36.8 29.4 44.2
164 32.7 26.4 39.6



#48
2-Nitroaniline
Concen: 49.517 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion: 65 Resp: 921914
Ion Ratio Lower Upper
65 100
92 77.5 58.7 88.1
138 136.4 99.0 148.4





#49

Acenaphthylene

Concen: 49.817 ng

RT: 13.807 min Scan# 1847

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

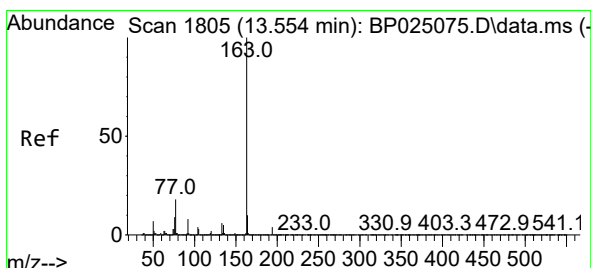
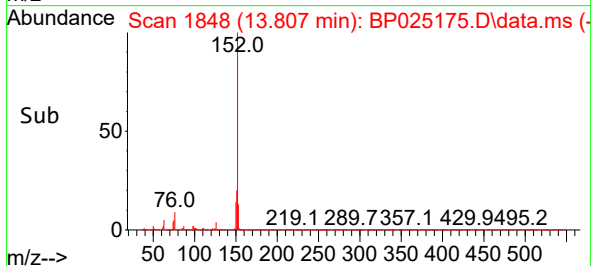
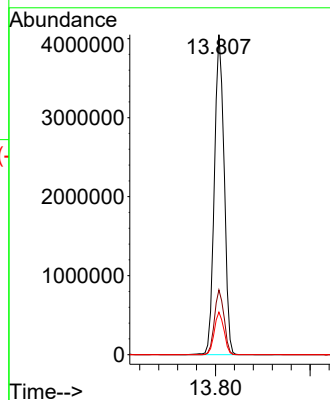
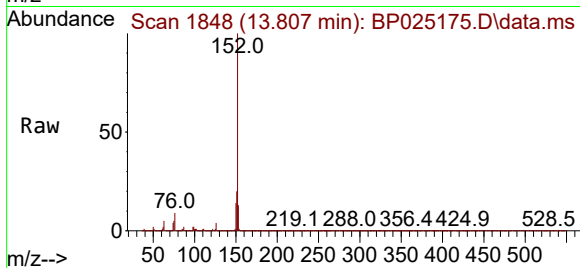
Tgt Ion:152 Resp: 5784170

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 47.008 ng

RT: 13.560 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

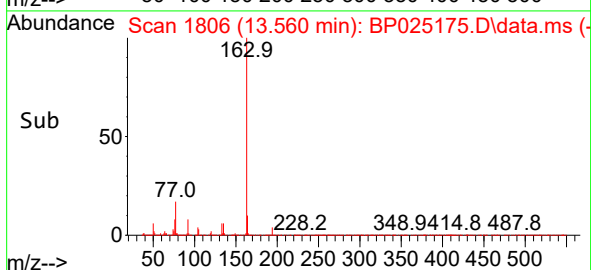
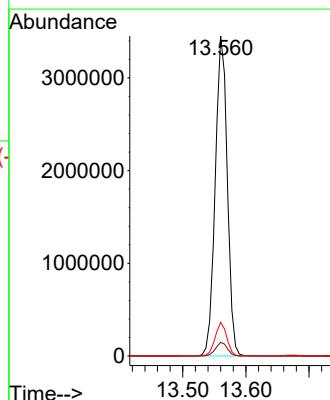
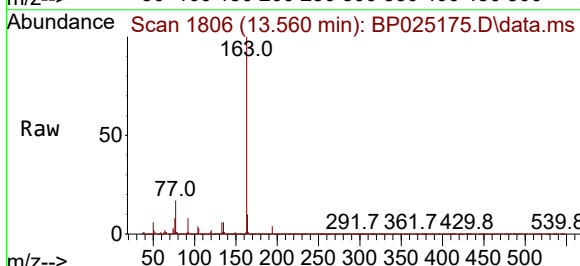
Tgt Ion:163 Resp: 4564760

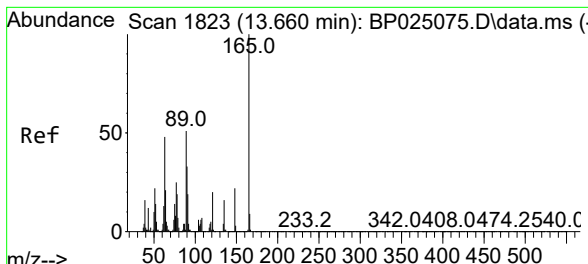
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.0 12.0



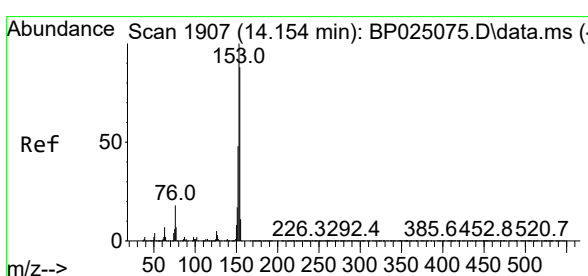
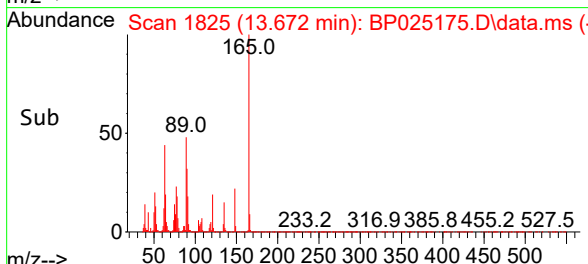
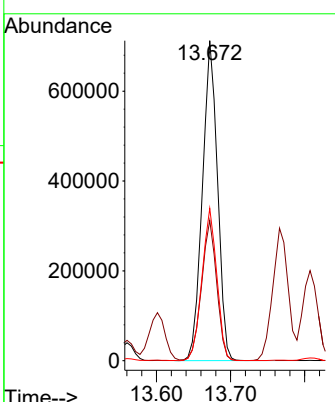
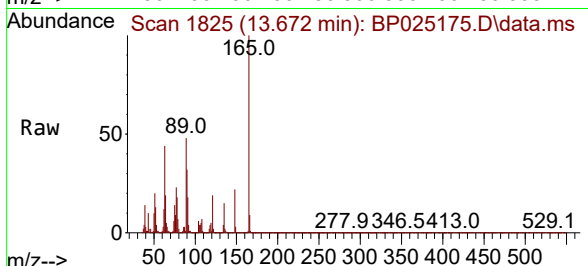


#51
 2,6-Dinitrotoluene
 Concen: 53.243 ng
 RT: 13.672 min Scan# 1825
 Delta R.T. 0.012 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

Instrument : BNA_P
 ClientSampleId : PB168902BS

Tgt Ion:165 Resp: 1008344

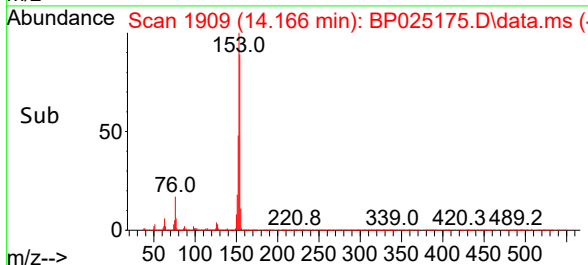
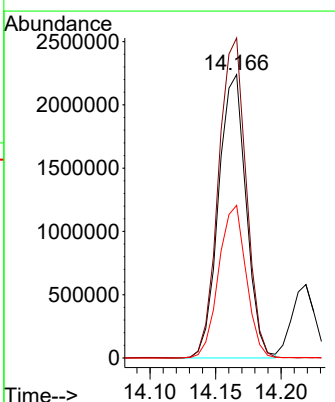
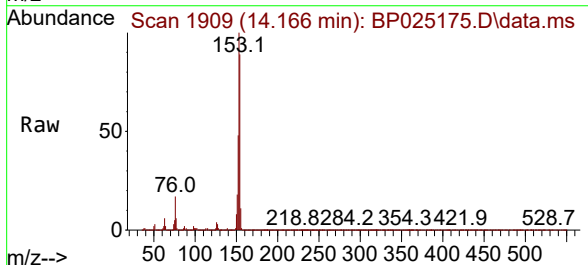
Ion	Ratio	Lower	Upper
165	100		
63	43.8	38.5	57.7
89	47.6	40.6	61.0

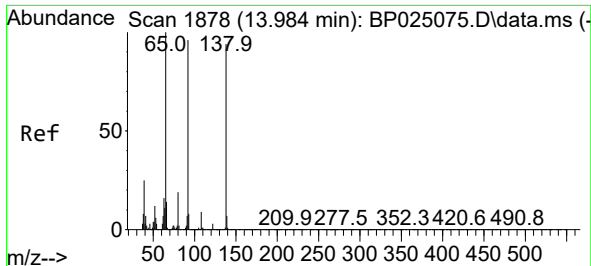


#52
 Acenaphthene
 Concen: 43.778 ng
 RT: 14.166 min Scan# 1909
 Delta R.T. 0.012 min
 Lab File: BP025175.D
 Acq: 17 Jul 2025 12:49

Tgt Ion:154 Resp: 3276198

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.6	136.0
152	53.9	43.8	65.8

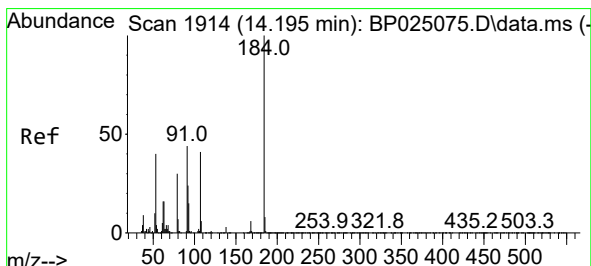
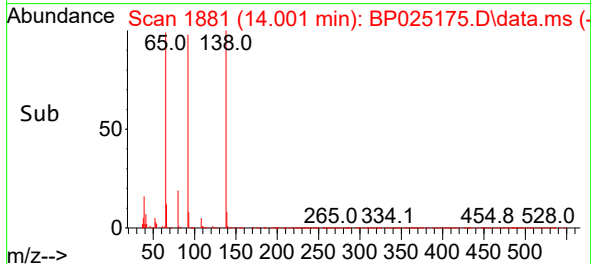
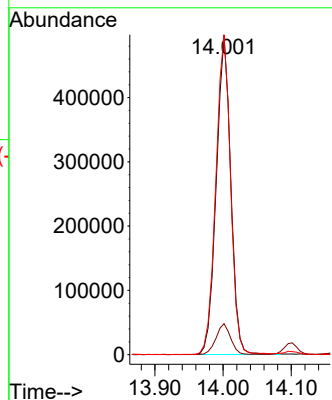
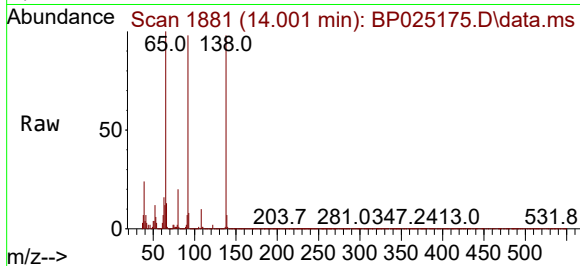




#53
3-Nitroaniline
Concen: 36.171 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

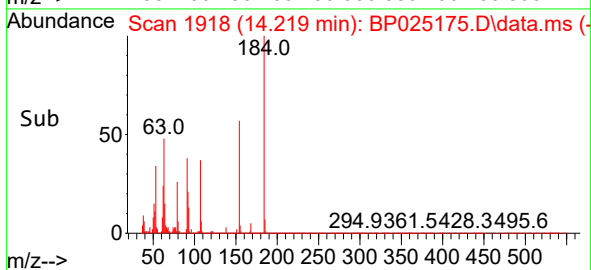
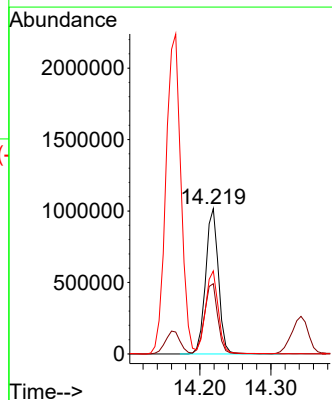
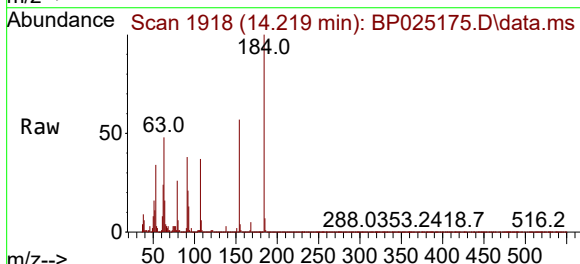
Instrument :
BNA_P
ClientSampleId :
PB168902BS

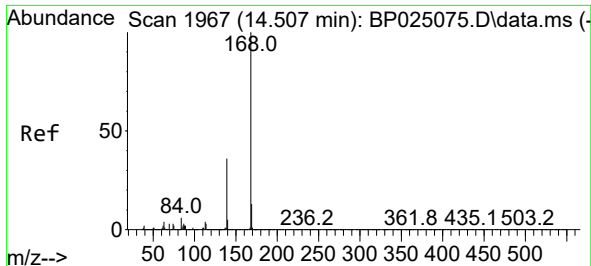
Tgt Ion:138 Resp: 734128
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.8
92 100.4 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 134.402 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:184 Resp: 1280332
Ion Ratio Lower Upper
184 100
63 48.4 47.4 71.0
154 57.1 47.8 71.8

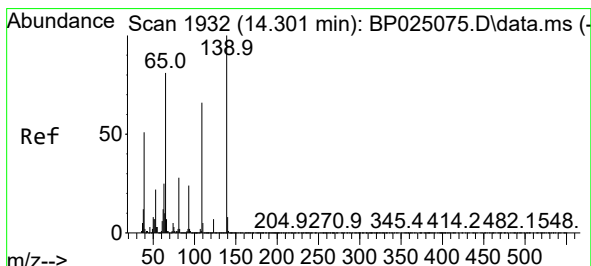
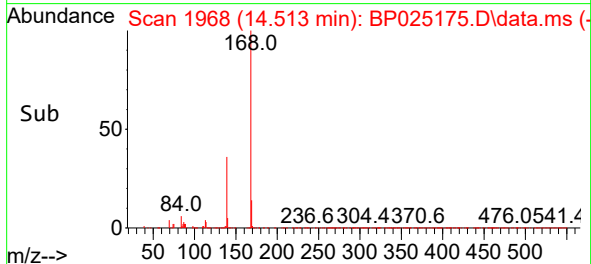
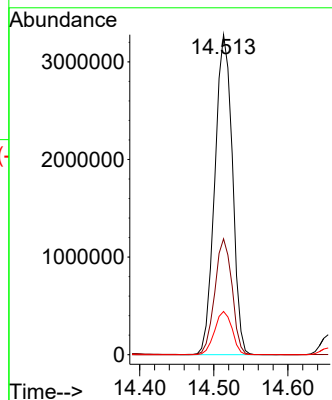
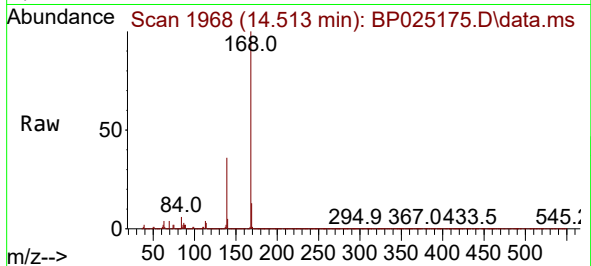




#55
Dibenzenofuran
Concen: 43.581 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

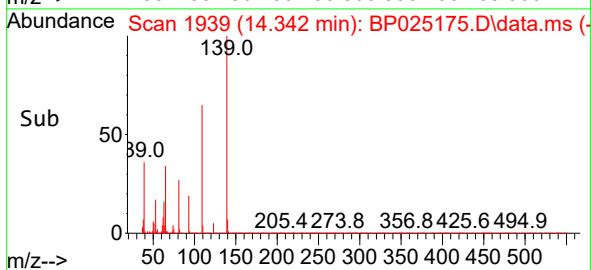
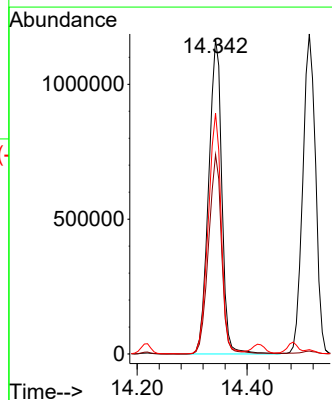
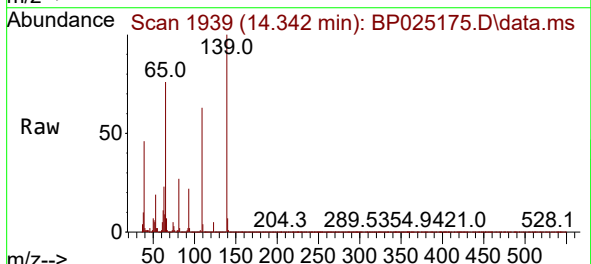
Instrument :
BNA_P
ClientSampleId :
PB168902BS

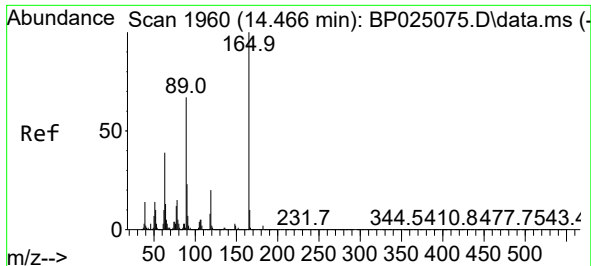
Tgt Ion:168 Resp: 5382446
Ion Ratio Lower Upper
168 100
139 36.2 28.6 43.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 103.598 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.041 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:139 Resp: 1940413
Ion Ratio Lower Upper
139 100
109 63.3 45.9 85.9
65 76.5 61.4 101.4

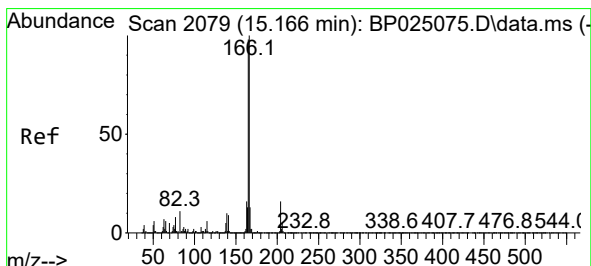
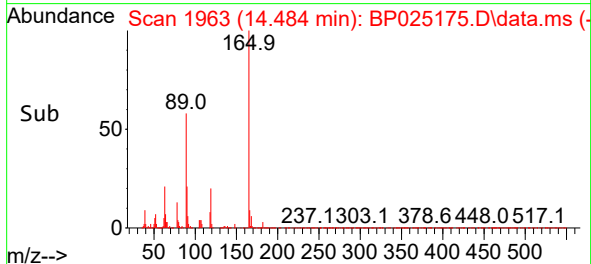
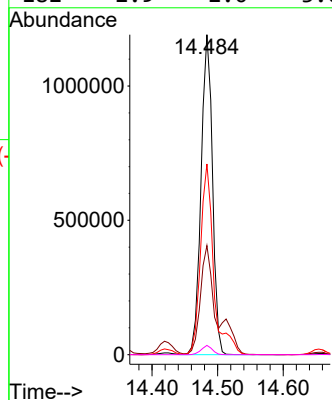
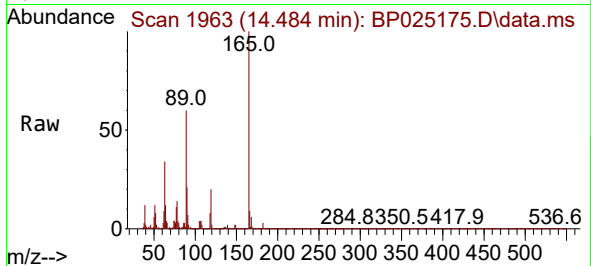




#57
2,4-Dinitrotoluene
Concen: 51.795 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

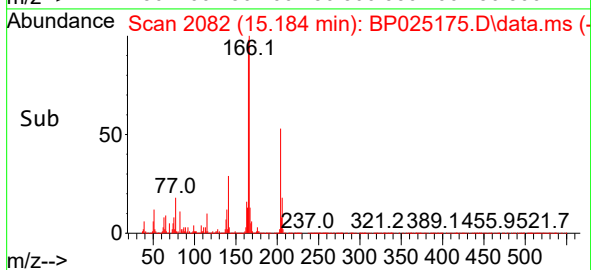
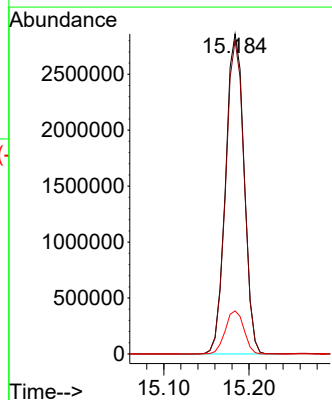
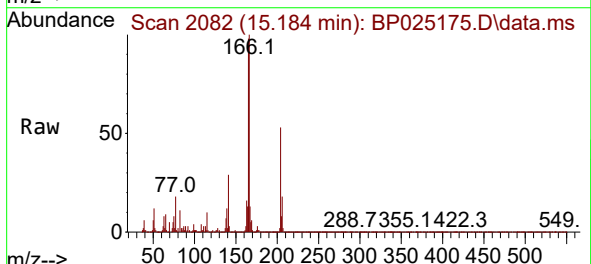
Instrument :
BNA_P
ClientSampleId :
PB168902BS

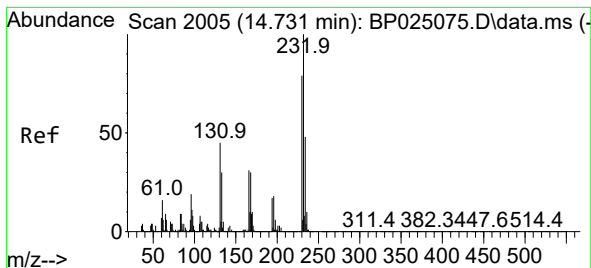
Tgt Ion:165 Resp: 1445784
Ion Ratio Lower Upper
165 100
63 34.1 31.0 46.4
89 59.6 53.4 80.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 45.178 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:166 Resp: 4315701
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.049 ng

RT: 14.748 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

Tgt Ion:232 Resp: 1314323

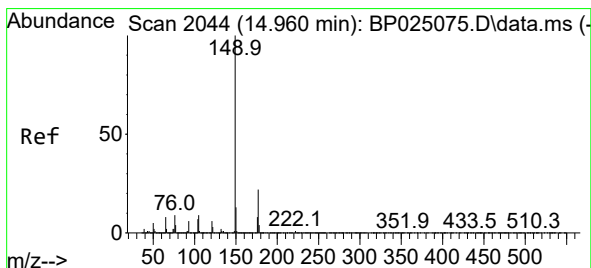
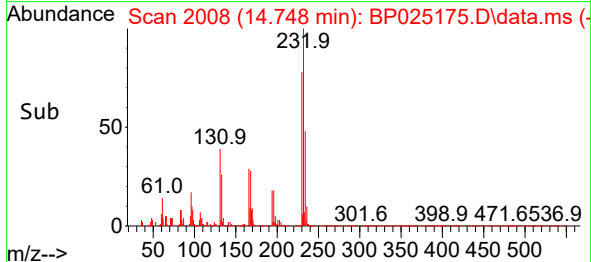
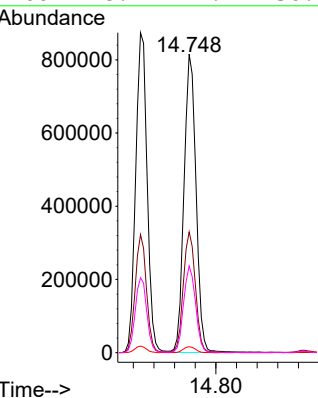
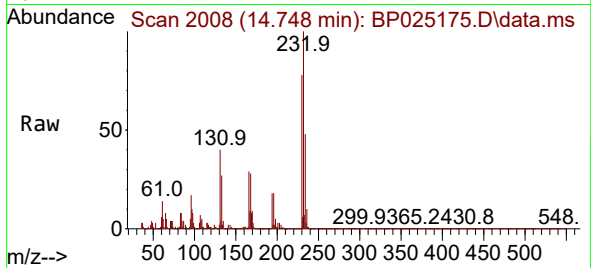
Ion Ratio Lower Upper

232 100

131 40.5 35.7 53.5

130 2.0 1.8 2.6

166 28.7 24.4 36.6



#60

Diethylphthalate

Concen: 46.825 ng

RT: 14.972 min Scan# 2046

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

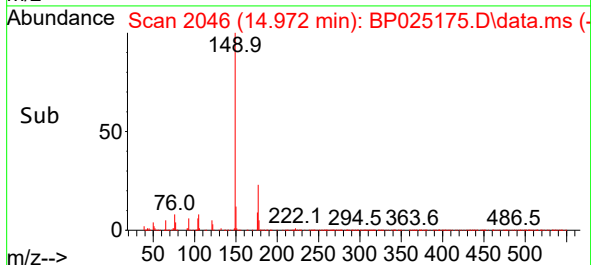
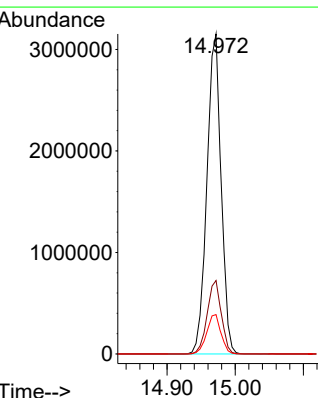
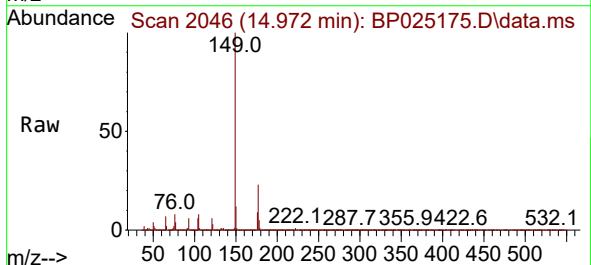
Tgt Ion:149 Resp: 4566940

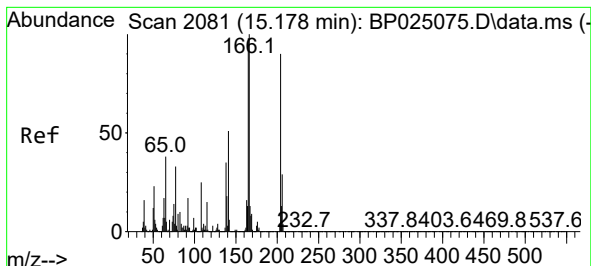
Ion Ratio Lower Upper

149 100

177 23.0 17.8 26.8

150 12.3 10.2 15.2

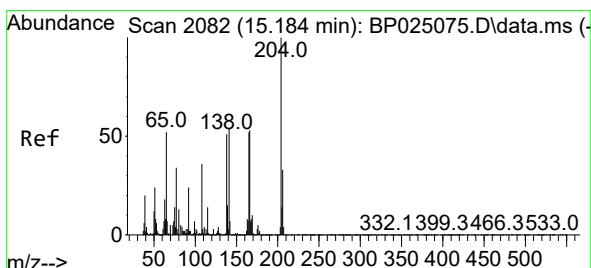
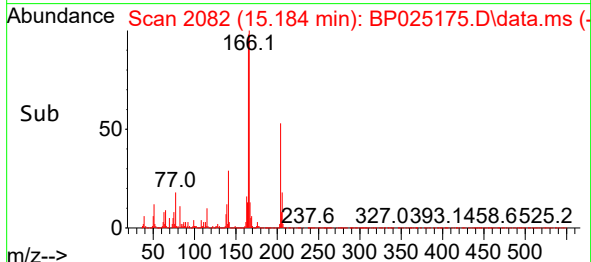
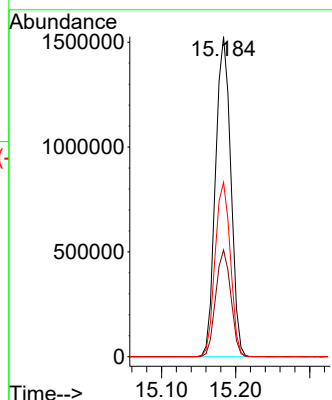
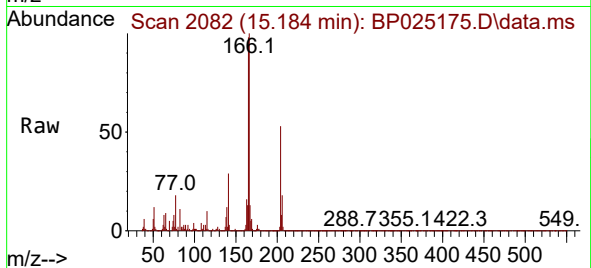




#61
4-Chlorophenyl-phenylether
Concen: 46.211 ng
RT: 15.184 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

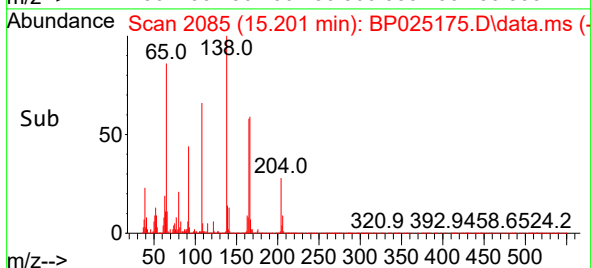
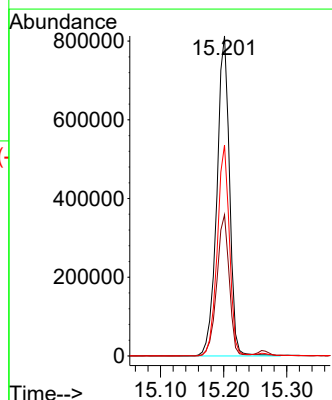
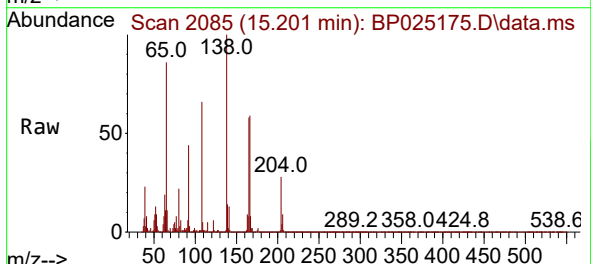
Instrument :
BNA_P
ClientSampleId :
PB168902BS

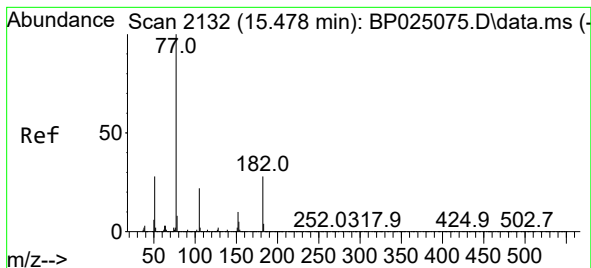
Tgt Ion:204 Resp: 2184634
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 54.5 45.1 67.7



#62
4-Nitroaniline
Concen: 53.190 ng
RT: 15.201 min Scan# 2085
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:138 Resp: 1131986
Ion Ratio Lower Upper
138 100
92 44.1 26.0 66.0
108 65.9 50.0 90.0

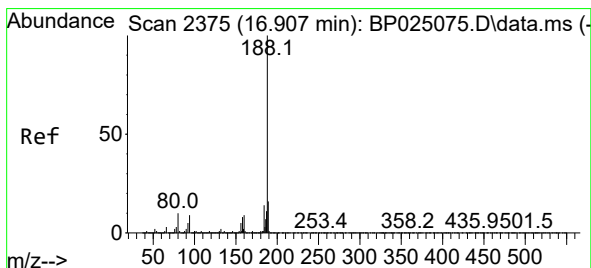
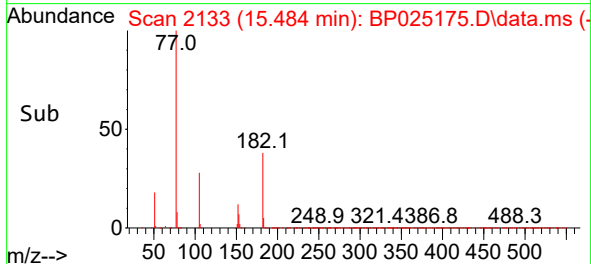
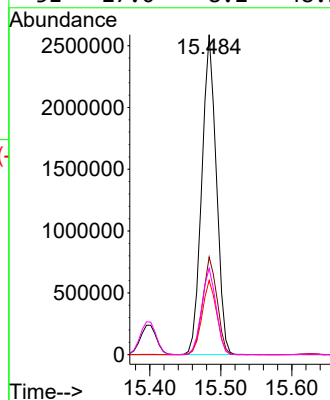
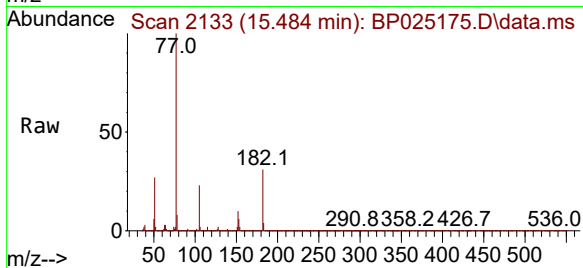




#63
Azobenzene
Concen: 42.487 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

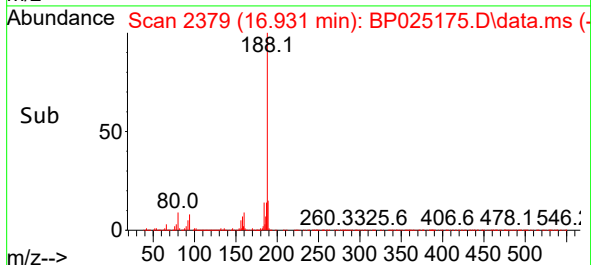
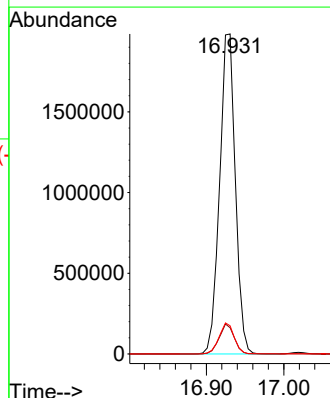
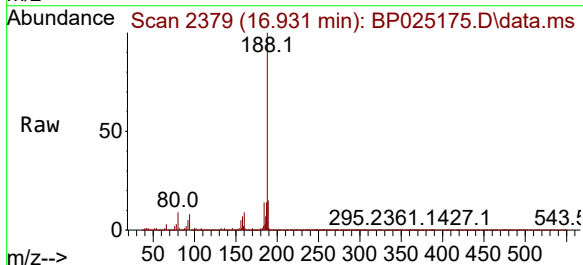
Instrument :
BNA_P
ClientSampleId :
PB168902BS

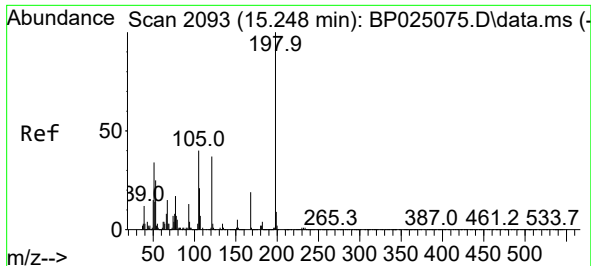
Tgt Ion: 77 Resp: 3689981
Ion Ratio Lower Upper
77 100
182 30.6 7.7 47.7
105 23.2 1.9 41.9
51 27.0 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.931 min Scan# 2379
Delta R.T. 0.024 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:188 Resp: 2801043
Ion Ratio Lower Upper
188 100
94 8.2 7.3 10.9
80 8.8 7.8 11.6

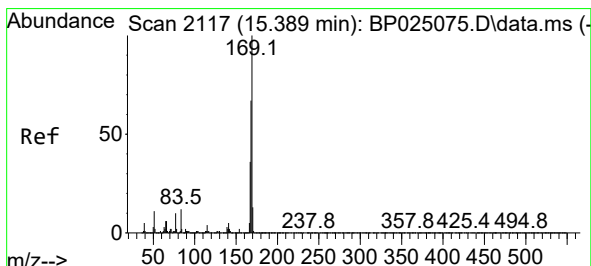
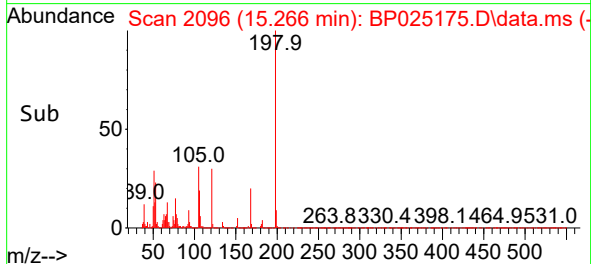
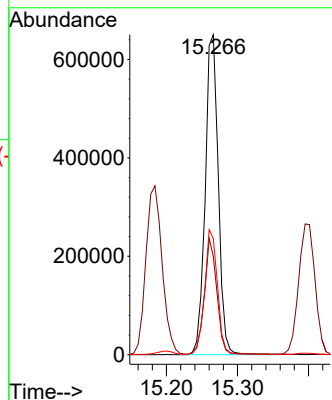
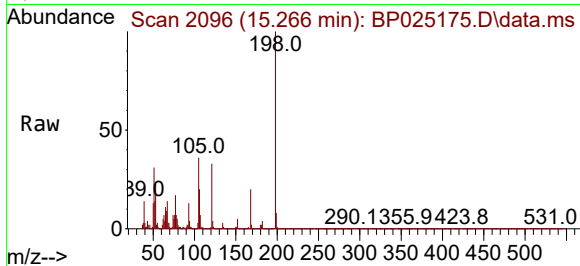




#65
4,6-Dinitro-2-methylphenol
Concen: 63.407 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

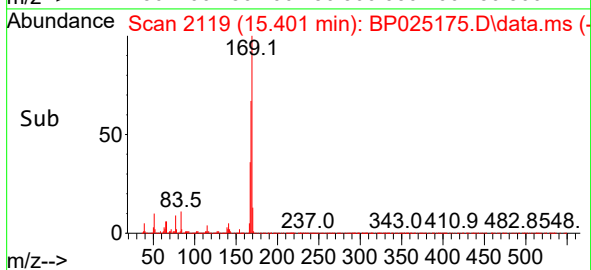
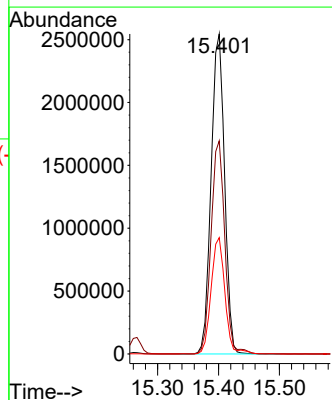
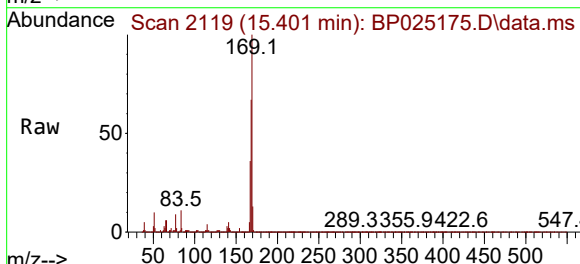
Instrument :
BNA_P
ClientSampleId :
PB168902BS

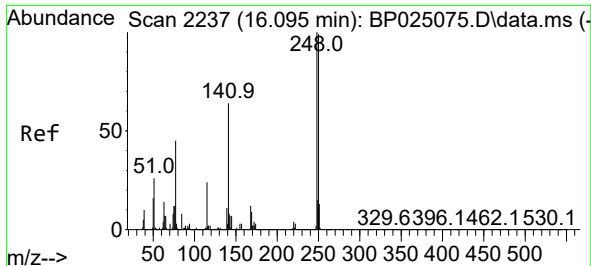
Tgt Ion:198 Resp: 834041
Ion Ratio Lower Upper
198 100
51 30.7 16.8 56.8
105 36.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 48.642 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:169 Resp: 3899225
Ion Ratio Lower Upper
169 100
168 66.6 54.1 81.1
167 36.4 29.0 43.6

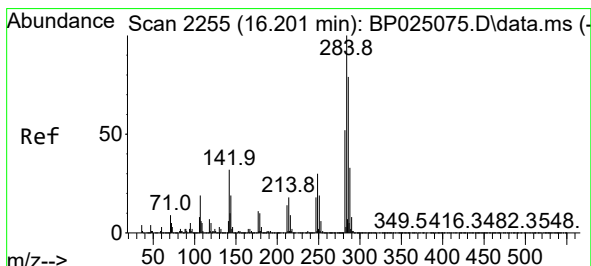
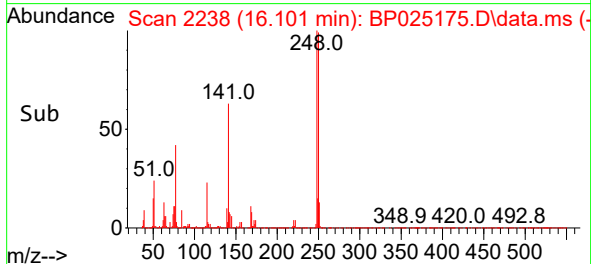
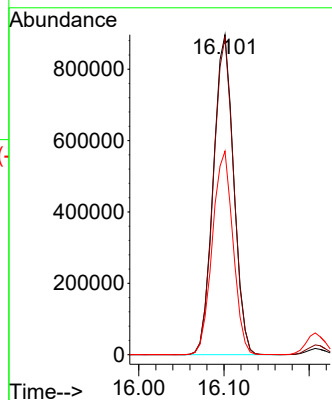
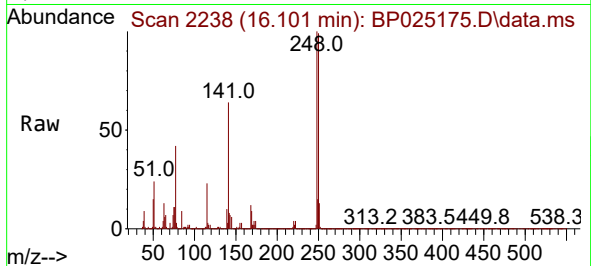




#67
4-Bromophenyl-phenylether
Concen: 51.918 ng
RT: 16.101 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

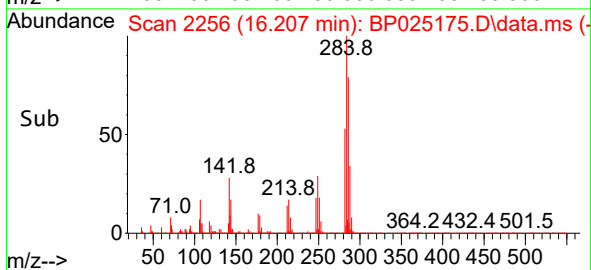
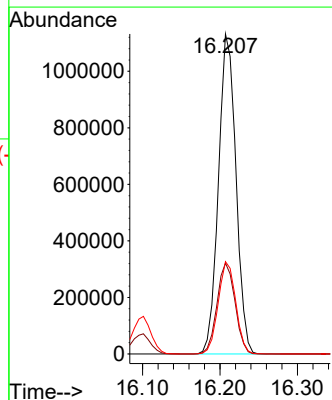
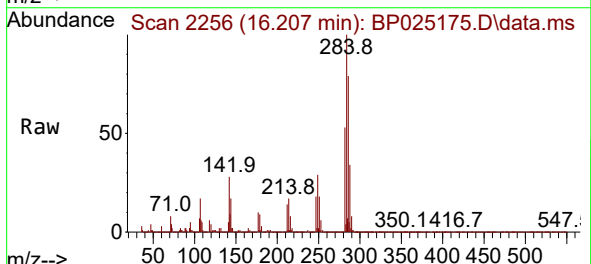
Instrument :
BNA_P
ClientSampleId :
PB168902BS

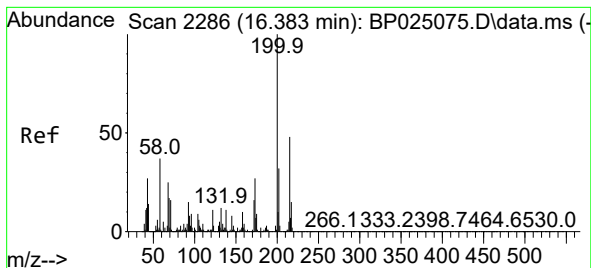
Tgt Ion:248 Resp: 1488999
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.2
141 63.6 51.4 77.0



#68
Hexachlorobenzene
Concen: 50.615 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:284 Resp: 1774280
Ion Ratio Lower Upper
284 100
142 28.4 25.9 38.9
249 28.8 23.8 35.8





#69

Atrazine

Concen: 62.492 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

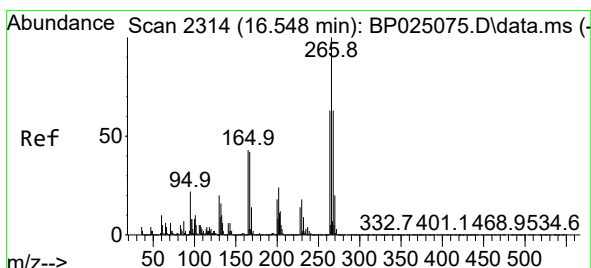
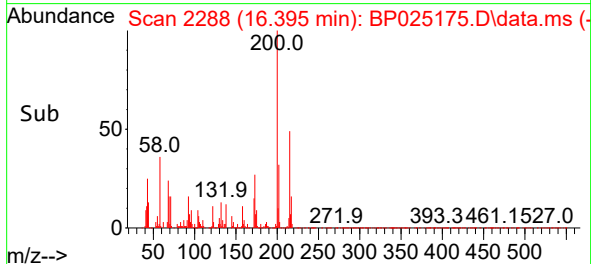
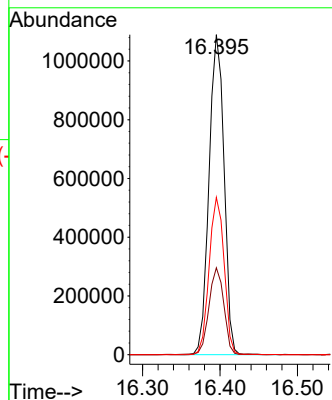
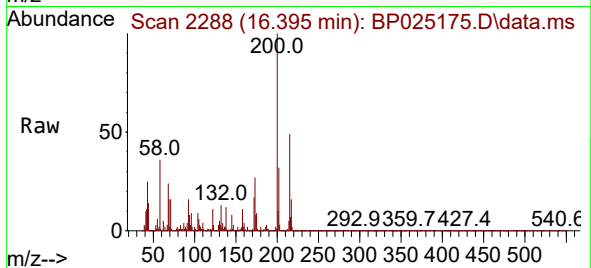
Tgt Ion:200 Resp: 1467931

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 49.2 28.0 68.0



#70

Pentachlorophenol

Concen: 103.453 ng

RT: 16.572 min Scan# 2318

Delta R.T. 0.024 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

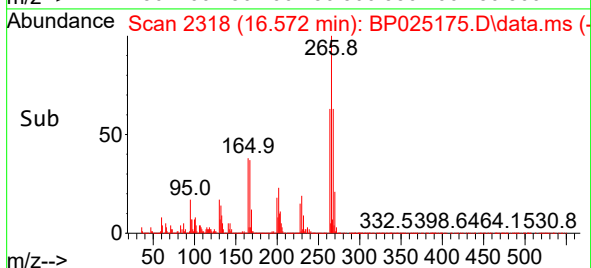
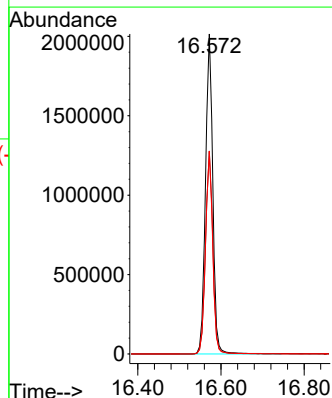
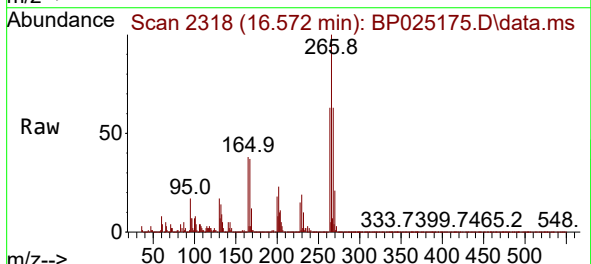
Tgt Ion:266 Resp: 2449161

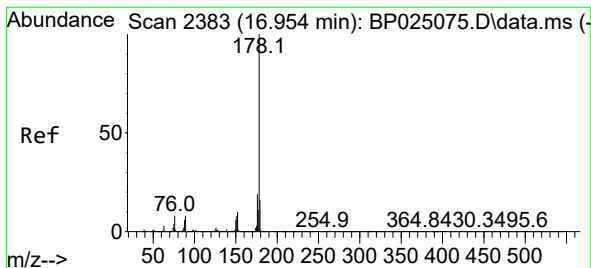
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.3 50.2 75.2





#71

Phenanthrene

Concen: 45.338 ng

RT: 16.972 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

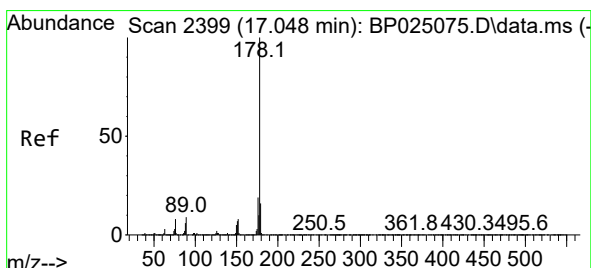
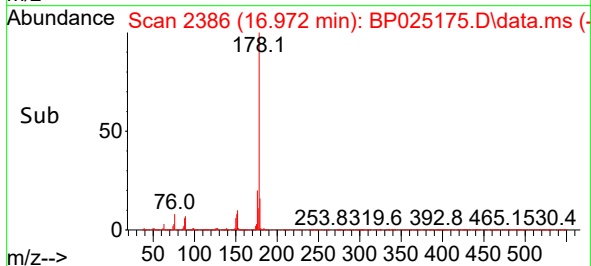
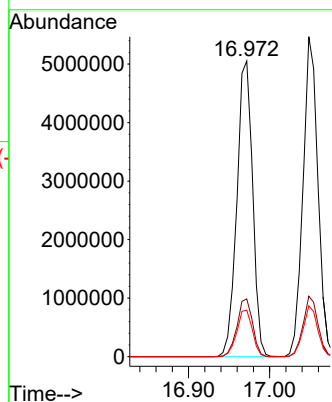
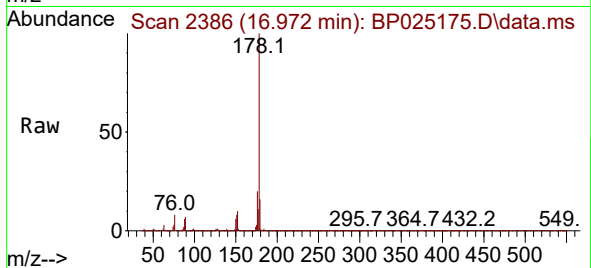
Tgt Ion:178 Resp: 6785753

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.6 19.0



#72

Anthracene

Concen: 48.661 ng

RT: 17.048 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

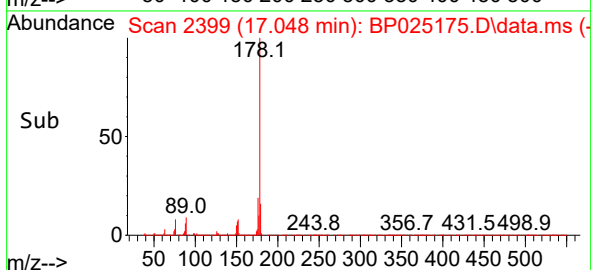
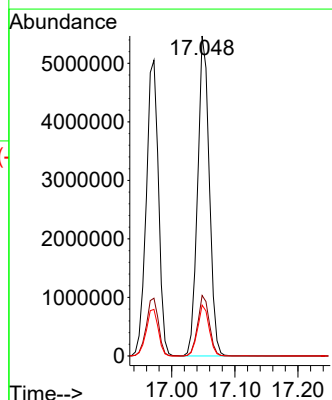
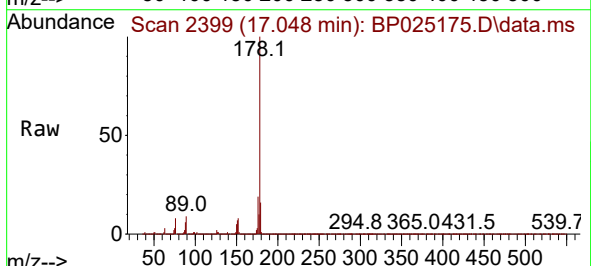
Tgt Ion:178 Resp: 6987282

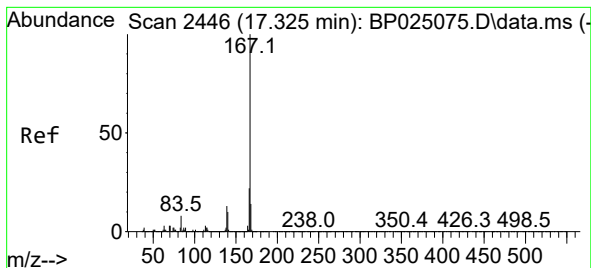
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.9 12.5 18.7





#73

Carbazole

Concen: 47.221 ng

RT: 17.342 min Scan# 2449

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

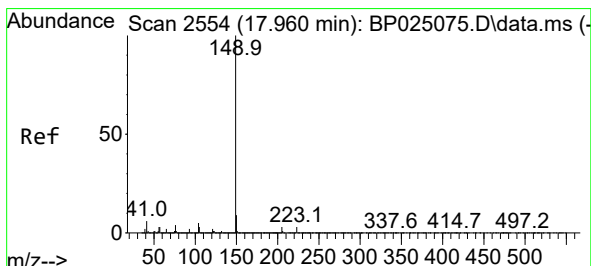
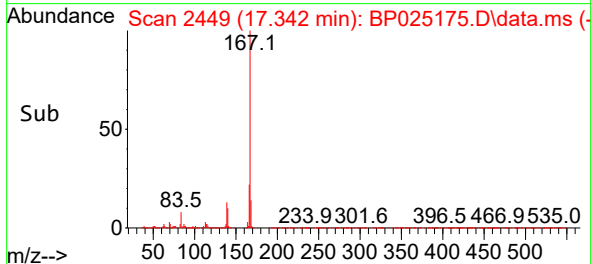
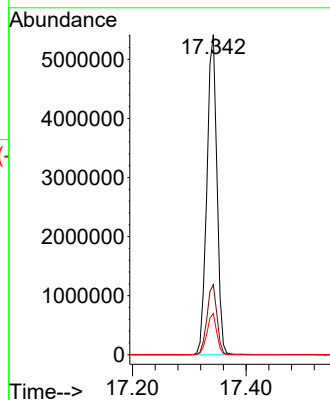
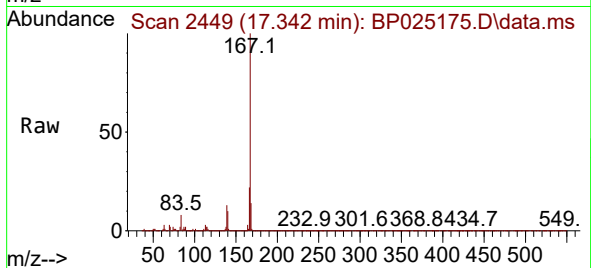
Tgt Ion:167 Resp: 6629569

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 52.458 ng

RT: 17.966 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

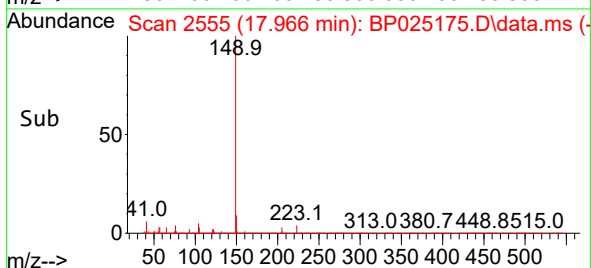
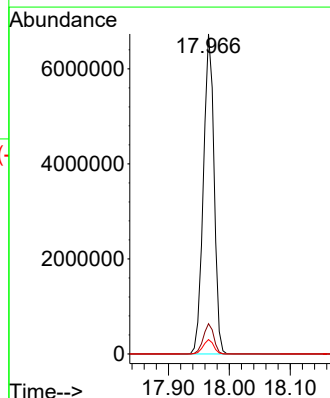
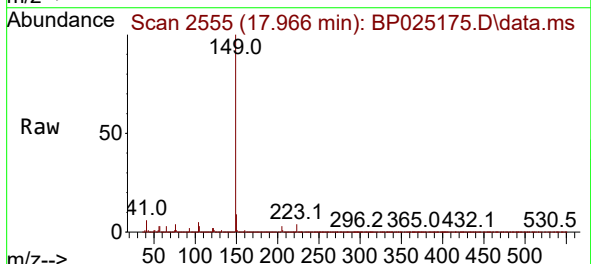
Tgt Ion:149 Resp: 8201456

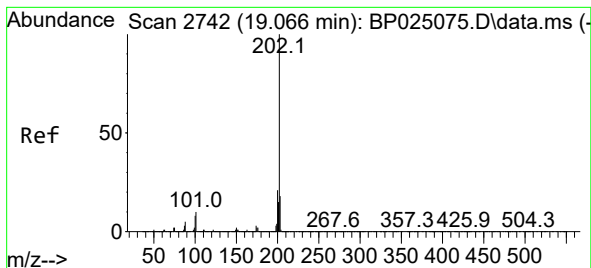
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 45.929 ng

RT: 19.078 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

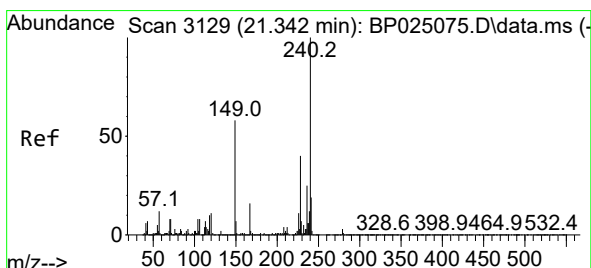
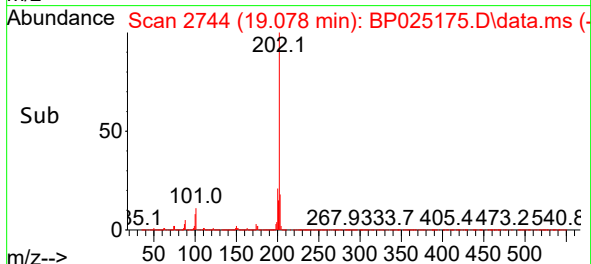
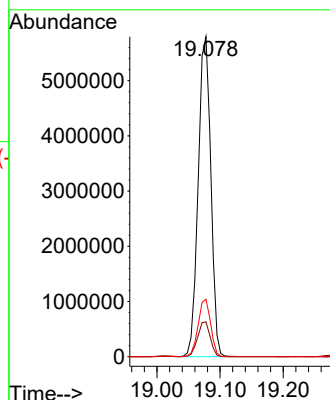
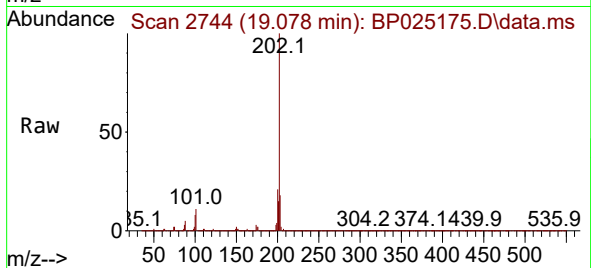
Tgt Ion:202 Resp: 8035341

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.360 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

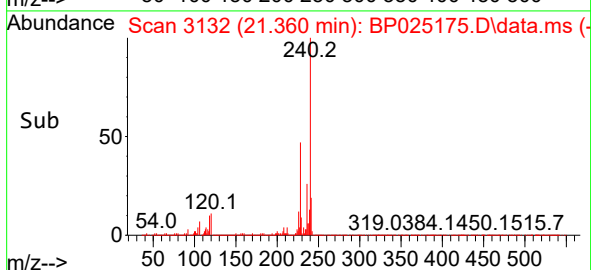
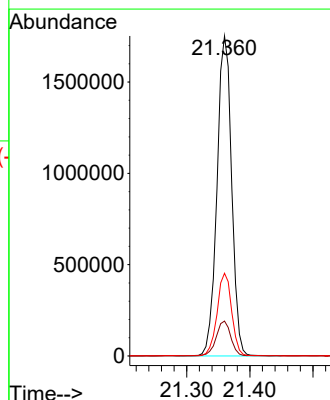
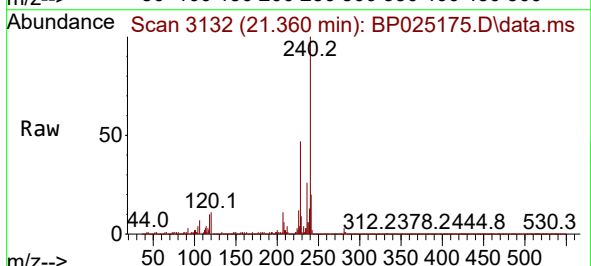
Tgt Ion:240 Resp: 2810625

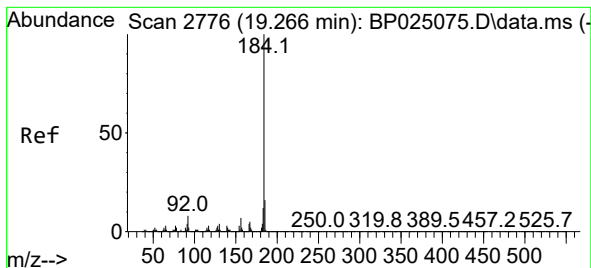
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.8 20.3 30.5





#77

Benzidine

Concen: 96.225 ng

RT: 19.272 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

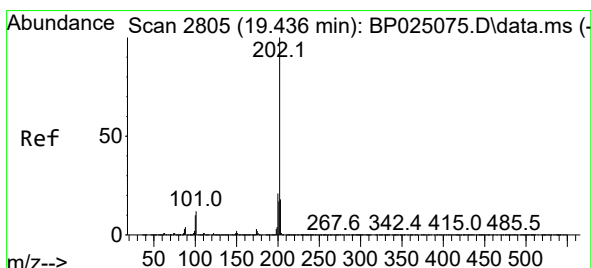
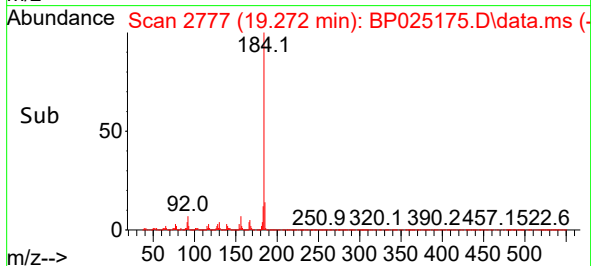
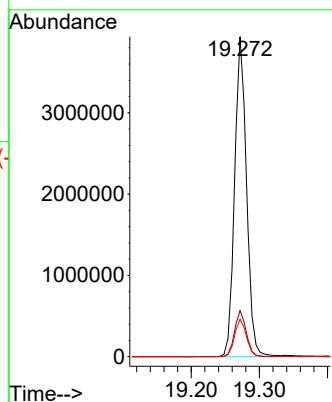
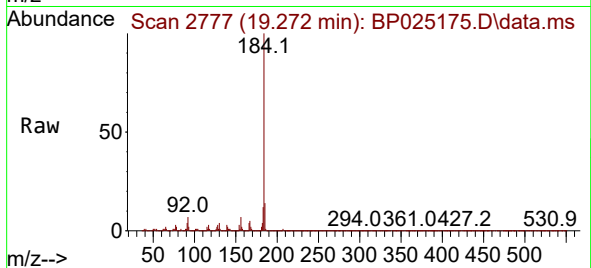
Tgt Ion:184 Resp: 4776548

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

183 11.7 9.4 14.2



#78

Pyrene

Concen: 47.657 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

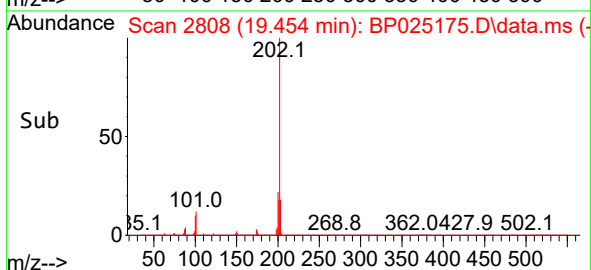
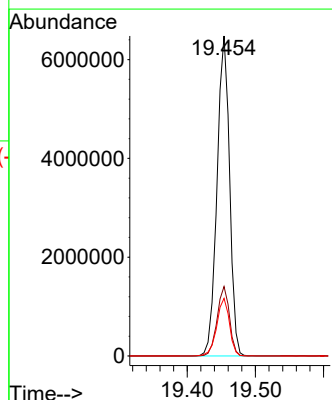
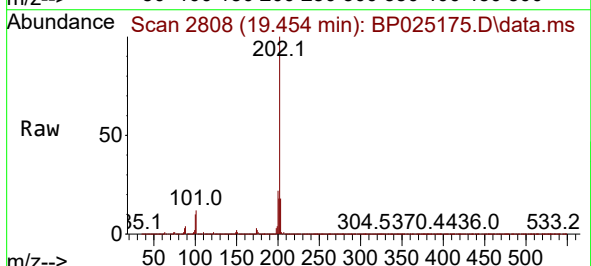
Tgt Ion:202 Resp: 8296338

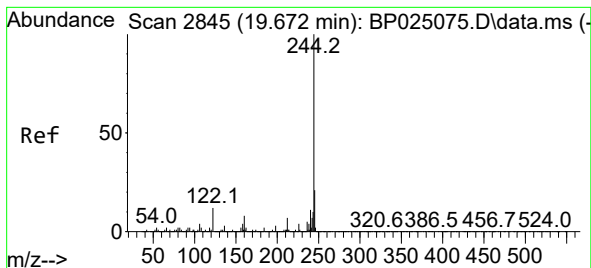
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 92.384 ng

RT: 19.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

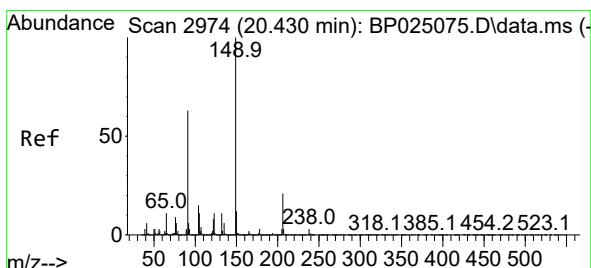
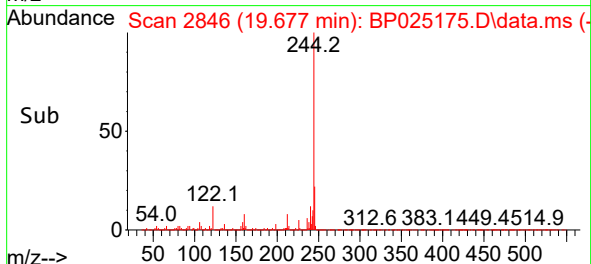
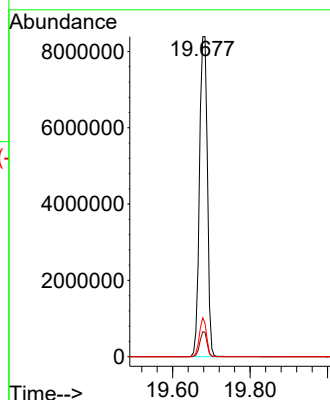
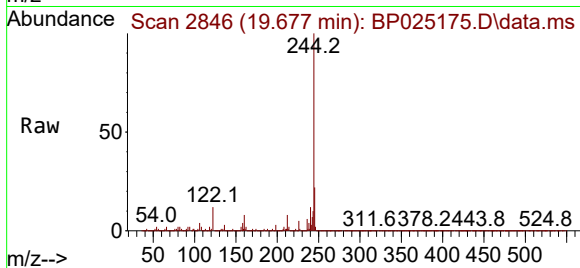
Tgt Ion:244 Resp:11814441

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.690 ng

RT: 20.424 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

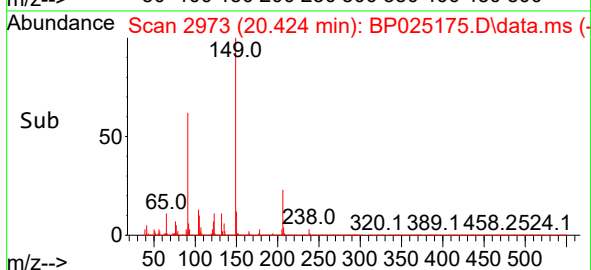
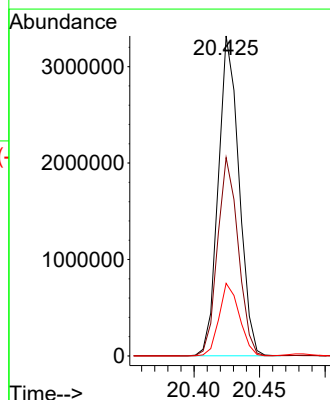
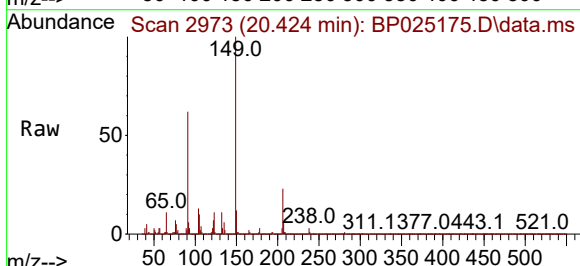
Tgt Ion:149 Resp: 3632748

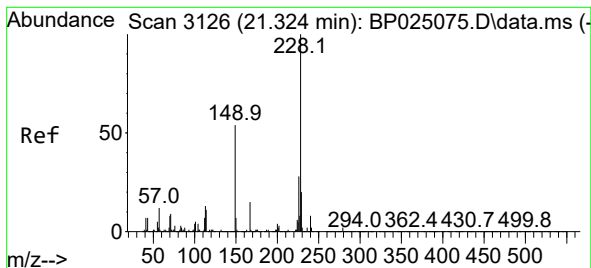
Ion Ratio Lower Upper

149 100

91 62.0 50.6 76.0

206 22.7 17.2 25.8





#81

Benzo(a)anthracene

Concen: 47.954 ng

RT: 21.336 min Scan# 3126

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

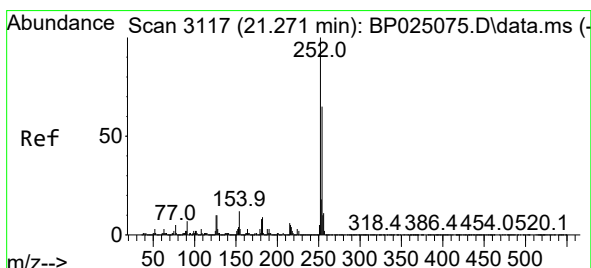
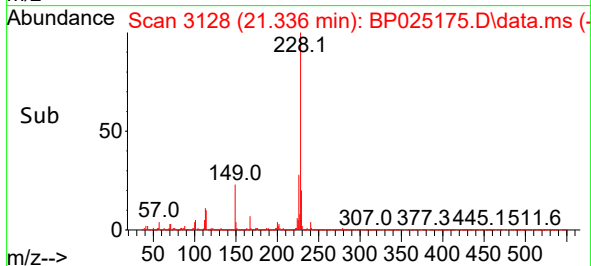
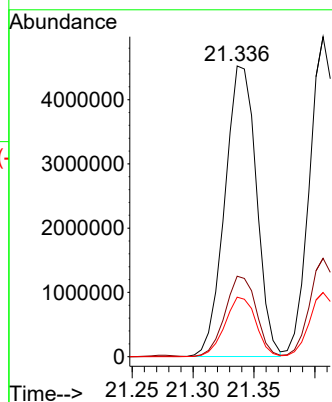
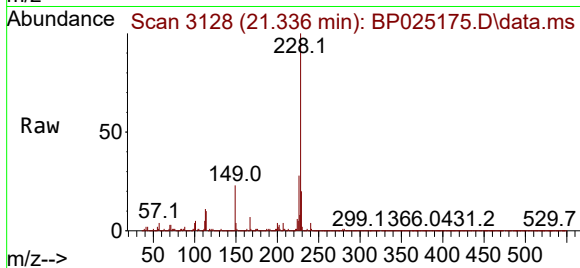
Tgt Ion:228 Resp: 8167944

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.128 ng

RT: 21.277 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

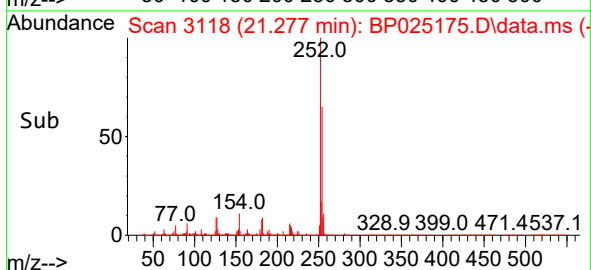
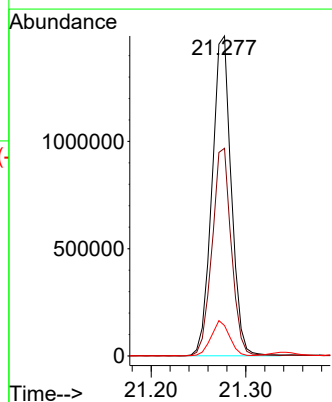
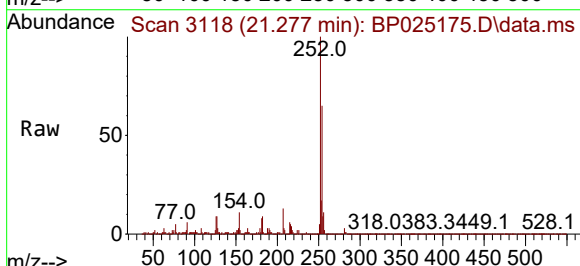
Tgt Ion:252 Resp: 2108818

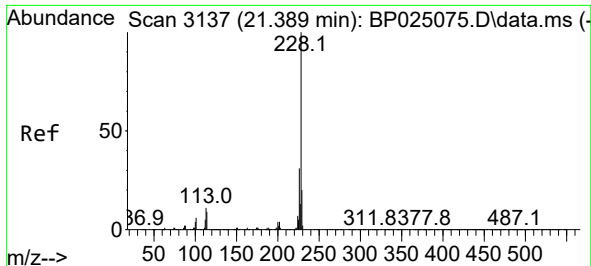
Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

126 9.5 8.1 12.1

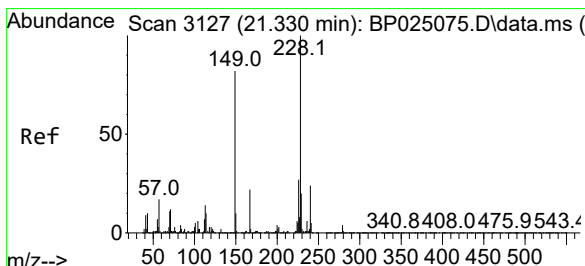
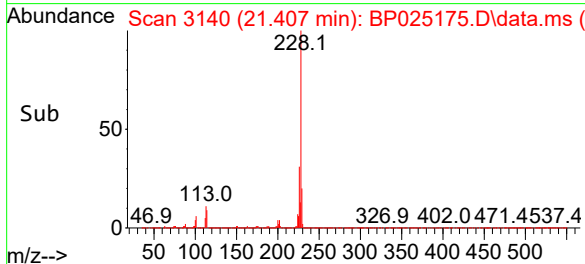
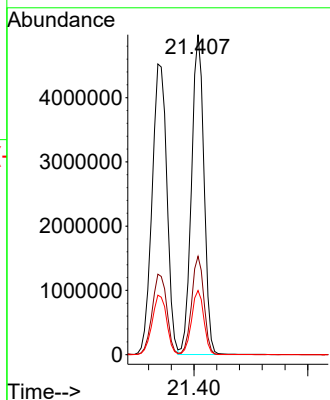
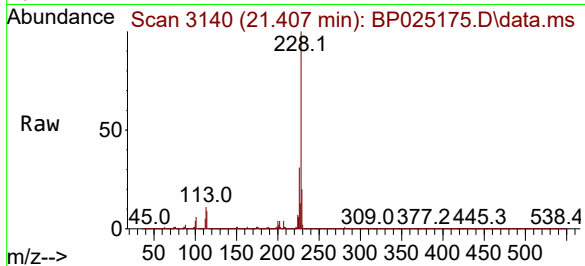




#83
Chrysene
Concen: 46.366 ng
RT: 21.407 min Scan# 3137
Delta R.T. 0.018 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

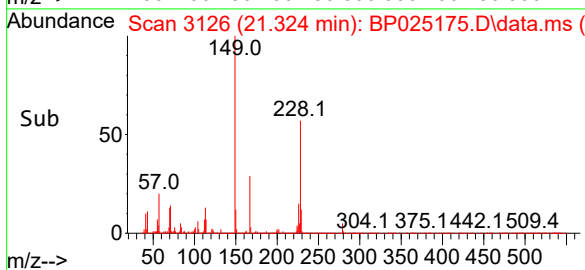
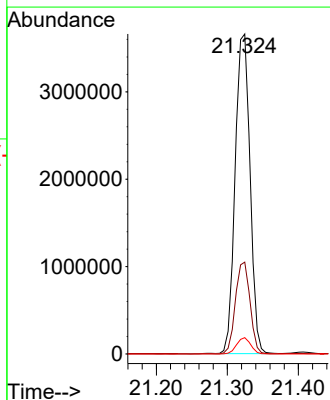
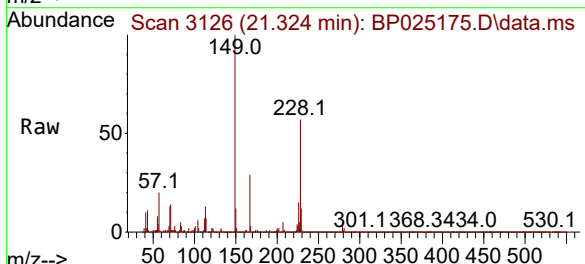
Instrument :
BNA_P
ClientSampleId :
PB168902BS

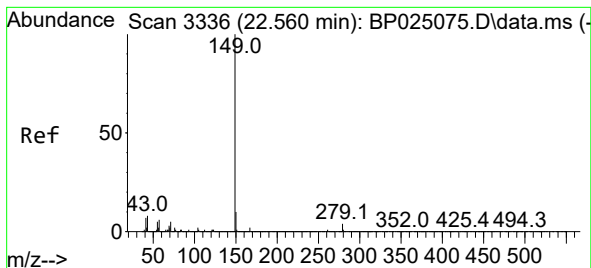
Tgt Ion:228 Resp: 7599975
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.1 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.522 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025175.D
Acq: 17 Jul 2025 12:49

Tgt Ion:149 Resp: 5346737
Ion Ratio Lower Upper
149 100
167 28.7 21.9 32.9
279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.434 ng

RT: 22.542 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

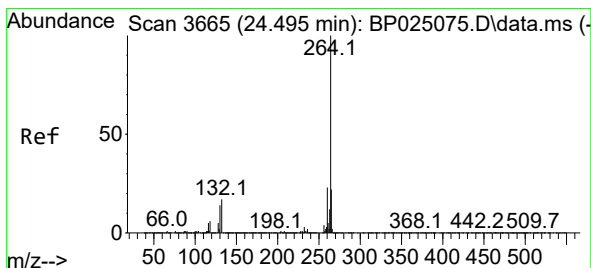
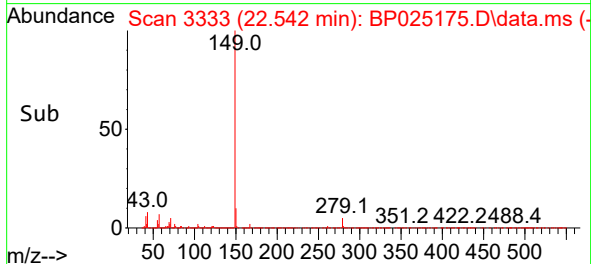
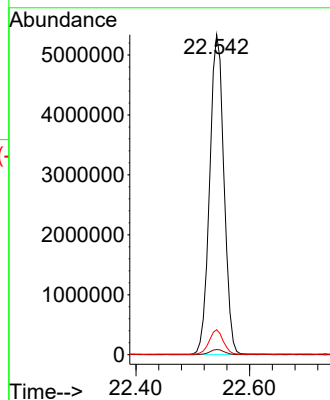
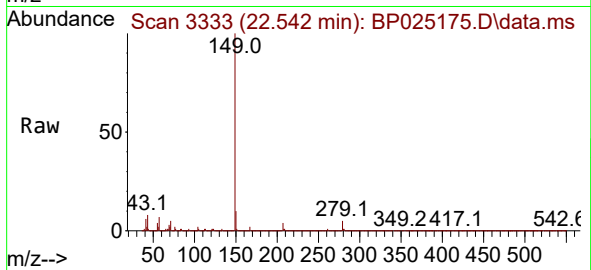
Tgt Ion:149 Resp: 9275992

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

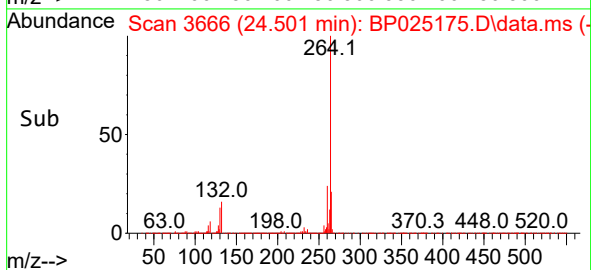
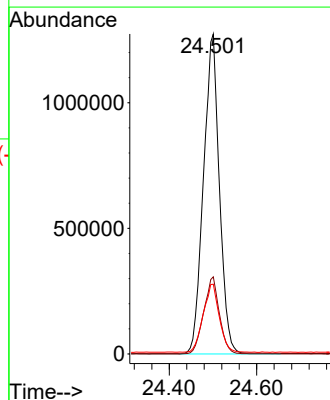
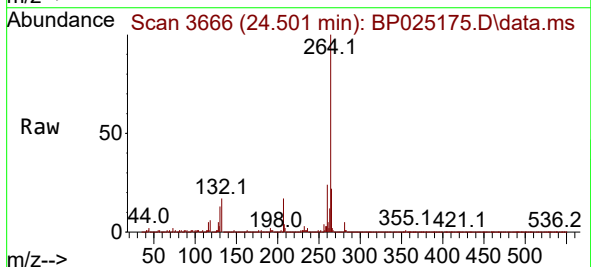
Tgt Ion:264 Resp: 3233614

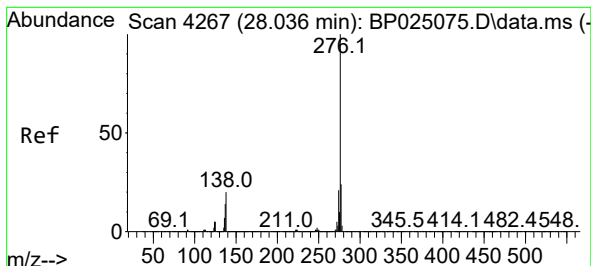
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.594 ng

RT: 28.071 min Scan# 4267

Delta R.T. 0.035 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

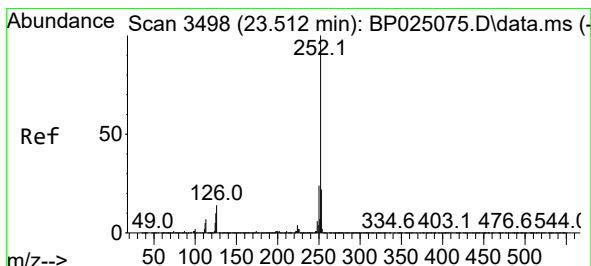
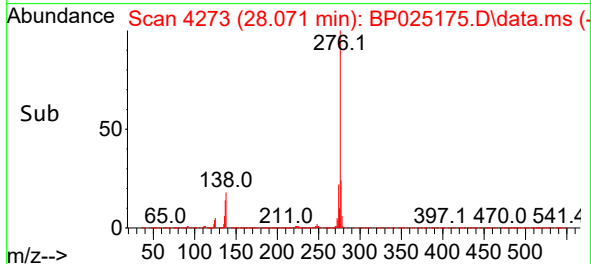
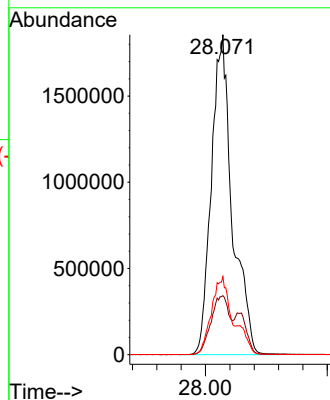
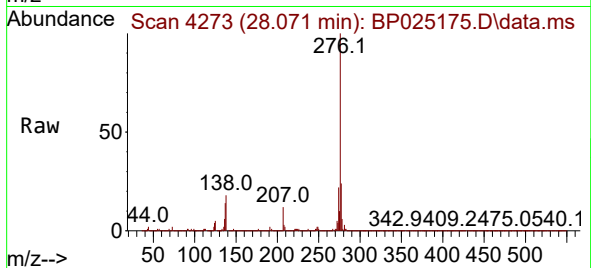
Tgt Ion:276 Resp:11040297

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 21.0 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 45.191 ng

RT: 23.513 min Scan# 3498

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

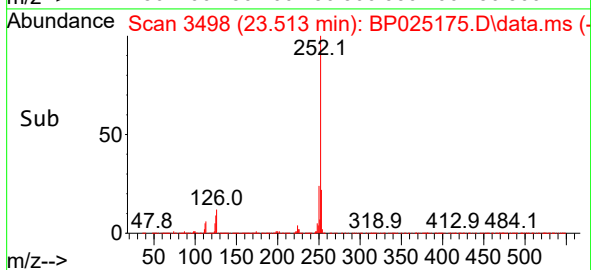
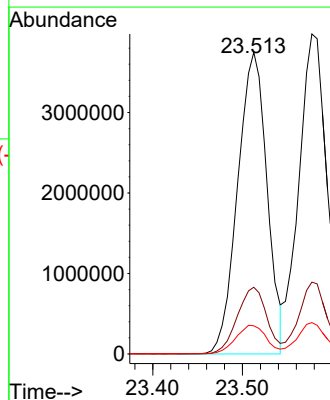
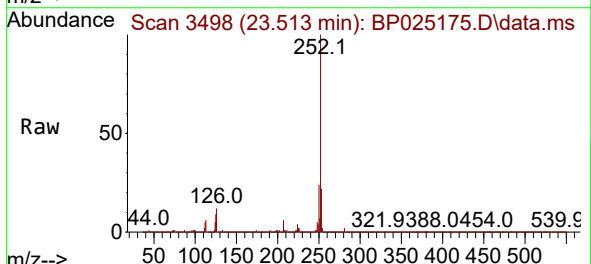
Tgt Ion:252 Resp: 8505505

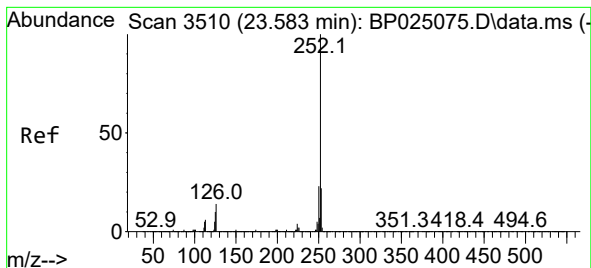
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.171 ng

RT: 23.577 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

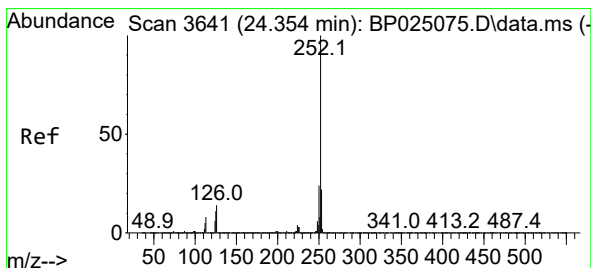
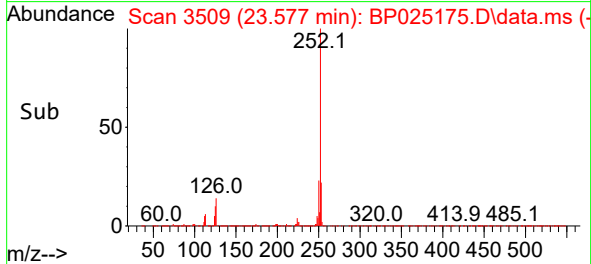
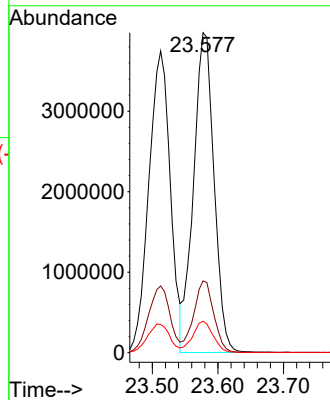
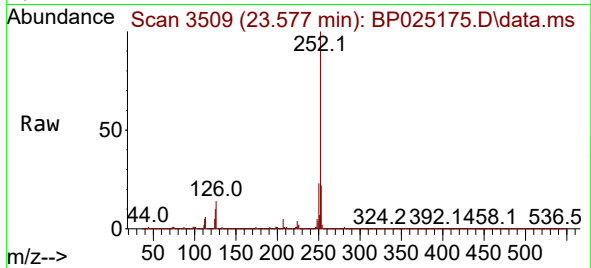
Tgt Ion:252 Resp: 8646514

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.8 8.2 12.2



#90

Benzo(a)pyrene

Concen: 52.197 ng

RT: 24.354 min Scan# 3641

Delta R.T. 0.000 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

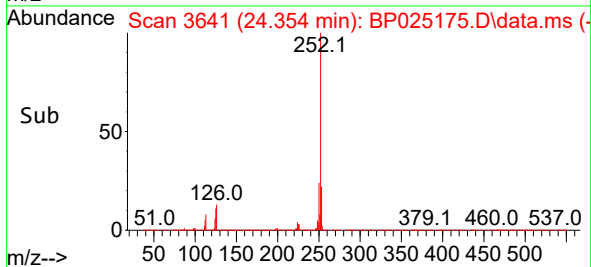
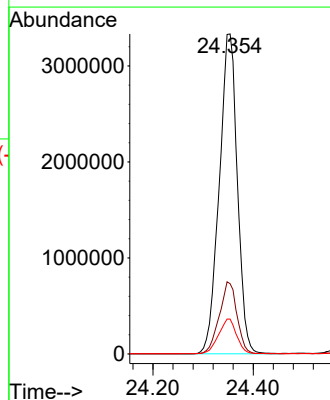
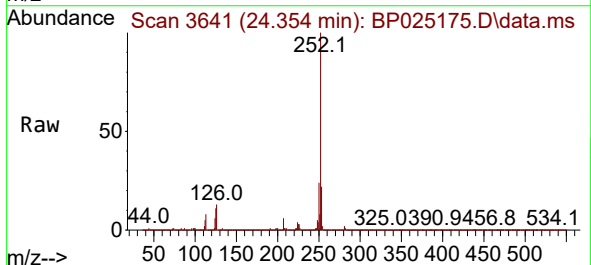
Tgt Ion:252 Resp: 8361257

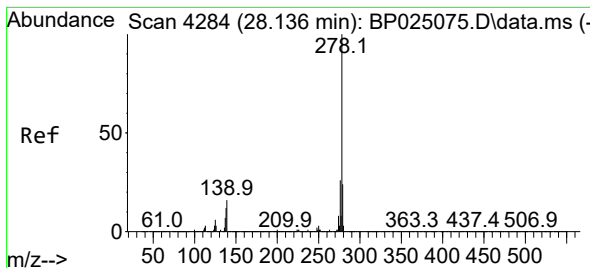
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.155 ng

RT: 28.142 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Instrument :

BNA_P

ClientSampleId :

PB168902BS

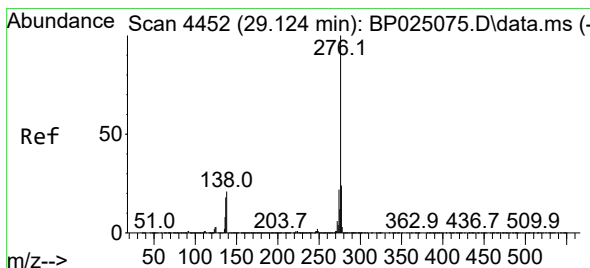
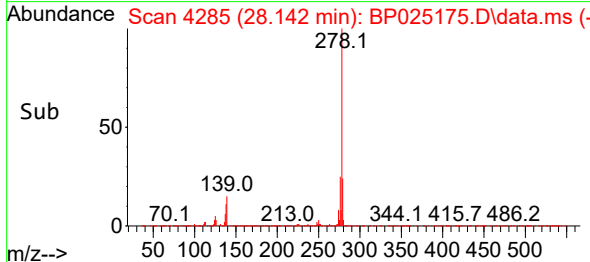
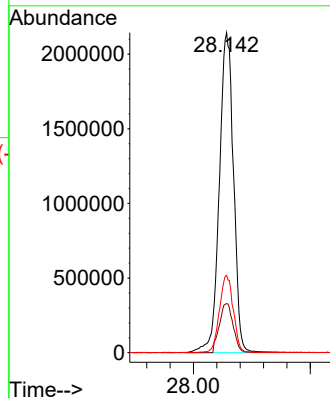
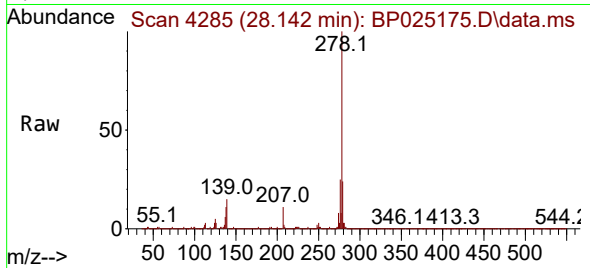
Tgt Ion:278 Resp: 9051242

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

279 24.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 50.313 ng

RT: 29.136 min Scan# 4454

Delta R.T. 0.012 min

Lab File: BP025175.D

Acq: 17 Jul 2025 12:49

Tgt Ion:276 Resp: 8850304

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 20.3 16.9 25.3

