

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025025.D
 Acq On : 20 Jun 2025 19:47
 Operator : RC/JU
 Sample : Q2355-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3897MS

Quant Time: Jun 20 22:37:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	336372	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1189081	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	618427	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1000861	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1130915	20.000	ng	0.00
86) Perylene-d12	24.759	264	1562878	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2489540	123.540	ng	0.00
7) Phenol-d6	6.813	99	2772675	103.991	ng	0.00
23) Nitrobenzene-d5	8.760	82	1960369	80.113	ng	0.00
42) 2,4,6-Tribromophenol	15.777	330	1137866	133.082	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4067696	88.607	ng	0.00
79) Terphenyl-d14	19.783	244	4948483	78.422	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.178	88	310920	35.065	ng	# 62
3) Pyridine	3.578	79	673092	31.565	ng	99
4) n-Nitrosodimethylamine	3.484	42	334597	38.380	ng	95
6) Aniline	6.948	93	684848	20.127	ng	100
8) 2-Chlorophenol	7.184	128	970280	42.473	ng	98
9) Benzaldehyde	6.766	77	372378	24.230	ng	97
10) Phenol	6.843	94	993910	36.160	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	886014	40.984	ng	97
12) 1,3-Dichlorobenzene	7.495	146	1035142	40.618	ng	98
13) 1,4-Dichlorobenzene	7.637	146	1037384	40.343	ng	99
14) 1,2-Dichlorobenzene	7.948	146	1000705	39.631	ng	100
15) Benzyl Alcohol	7.860	79	730435	35.695	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1040799	36.783	ng	97
17) 2-Methylphenol	8.072	107	747997	38.970	ng	98
18) Hexachloroethane	8.660	117	377415	38.985	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	646097	35.645	ng	99
20) 3+4-Methylphenols	8.401	107	965960	36.887	ng	96
22) Acetophenone	8.425	105	1352869	45.032	ng	# 99
24) Nitrobenzene	8.801	77	962127	44.258	ng	98
25) Isophorone	9.325	82	1745816	41.166	ng	98
26) 2-Nitrophenol	9.507	139	515999	48.107	ng	95
27) 2,4-Dimethylphenol	9.578	122	839163	45.713	ng	98
28) bis(2-Chloroethoxy)met...	9.795	93	1092212	43.174	ng	# 97
29) 2,4-Dichlorophenol	10.066	162	834918	47.402	ng	99
30) 1,2,4-Trichlorobenzene	10.237	180	922113	46.415	ng	99
31) Naphthalene	10.425	128	2762690	45.338	ng	99
32) Benzoic acid	9.795	122	491634	39.632	ng	97
33) 4-Chloroaniline	10.566	127	336905	13.197	ng	98
34) Hexachlorobutadiene	10.701	225	566656	47.325	ng	99
35) Caprolactam	11.372	113	189810	29.275	ng	92
36) 4-Chloro-3-methylphenol	11.707	107	813296	40.032	ng	99
37) 2-Methylnaphthalene	12.042	142	1670894	43.228	ng	100
38) 1-Methylnaphthalene	12.260	142	1748495	42.311	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	954501	54.393	ng	99
41) Hexachlorocyclopentadiene	12.389	237	957482	89.457	ng	99
43) 2,4,6-Trichlorophenol	12.683	196	602032	51.086	ng	97

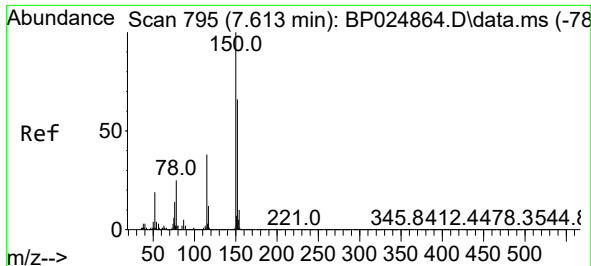
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025025.D
 Acq On : 20 Jun 2025 19:47
 Operator : RC/JU
 Sample : Q2355-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3897MS

Quant Time: Jun 20 22:37:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	653744	51.799	ng	97
46) 1,1'-Biphenyl	13.066	154	2295091	51.067	ng	99
47) 2-Chloronaphthalene	13.113	162	1764453	51.081	ng	99
48) 2-Nitroaniline	13.336	65	466195	43.900	ng	93
49) Acenaphthylene	13.966	152	2735395	47.494	ng	100
50) Dimethylphthalate	13.707	163	2128208	46.651	ng	100
51) 2,6-Dinitrotoluene	13.836	165	444042	45.150	ng	94
52) Acenaphthene	14.313	154	1582963	47.964	ng	99
53) 3-Nitroaniline	14.183	138	258543	25.332	ng	99
54) 2,4-Dinitrophenol	14.413	184	503849	78.769	ng	93
55) Dibenzofuran	14.654	168	2460106	46.438	ng	99
56) 4-Nitrophenol	14.560	139	481895	57.411	ng	98
57) 2,4-Dinitrotoluene	14.648	165	600508	43.650	ng	94
58) Fluorene	15.319	166	1917848	44.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	529216	46.931	ng	95
60) Diethylphthalate	15.095	149	1901345	41.819	ng	100
61) 4-Chlorophenyl-phenyle...	15.307	204	958325	45.798	ng	99
62) 4-Nitroaniline	15.372	138	375800	40.609	ng	92
63) Azobenzene	15.607	77	1726931	41.415	ng	96
65) 4,6-Dinitro-2-methylph...	15.436	198	316693	48.155	ng	99
66) n-Nitrosodiphenylamine	15.530	169	1598777	51.537	ng	99
67) 4-Bromophenyl-phenylether	16.224	248	621876	55.067	ng	95
68) Hexachlorobenzene	16.348	284	728919	53.243	ng	96
69) Atrazine	16.519	200	489225	43.502	ng	100
70) Pentachlorophenol	16.713	266	861500	121.587	ng	99
71) Phenanthrene	17.095	178	2723147	49.235	ng	99
72) Anthracene	17.195	178	2764285	49.349	ng	100
73) Carbazole	17.477	167	2500293	48.156	ng	100
74) Di-n-butylphthalate	18.060	149	3042026	47.289	ng	99
75) Fluoranthene	19.189	202	3021753	47.137	ng	99
77) Benzidine	19.401	184	1804036	51.506	ng	99
78) Pyrene	19.565	202	3153553	44.634	ng	100
80) Butylbenzylphthalate	20.512	149	1437634	44.422	ng	96
81) Benzo(a)anthracene	21.465	228	3496253	48.337	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1043252	36.330	ng	98
83) Chrysene	21.530	228	3357164	48.984	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2092786	45.134	ng	98
85) Di-n-octyl phthalate	22.636	149	3853962	47.155	ng	98
87) Indeno(1,2,3-cd)pyrene	28.465	276	6047846	53.037	ng	99
88) Benzo(b)fluoranthene	23.718	252	4122862	46.094	ng	99
89) Benzo(k)fluoranthene	23.789	252	4339494	47.663	ng	100
90) Benzo(a)pyrene	24.600	252	4182936	47.887	ng	100
91) Dibenzo(a,h)anthracene	28.541	278	4929009	53.104	ng	99
92) Benzo(g,h,i)perylene	29.618	276	4892657	53.127	ng	100

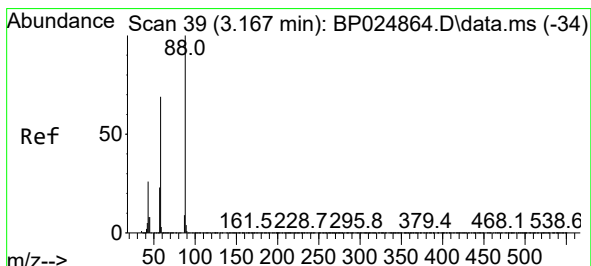
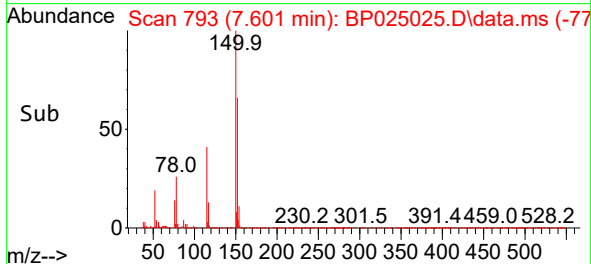
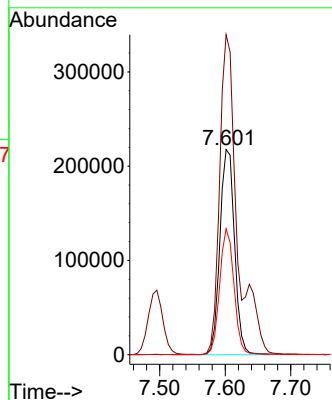
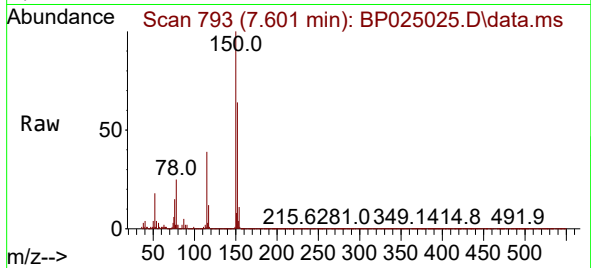
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.601 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BP025025.D
 Acq: 20 Jun 2025 19:47

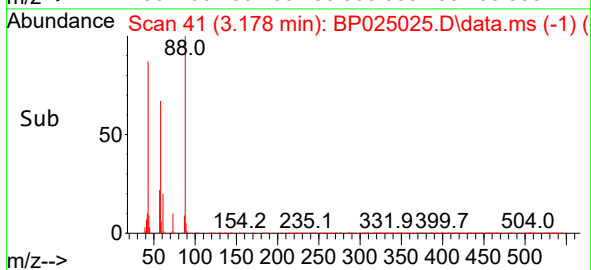
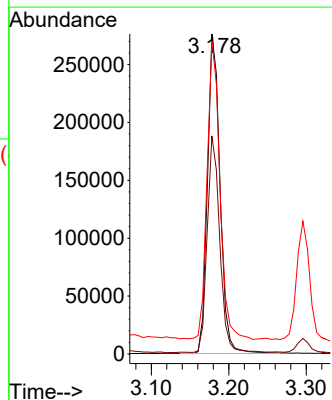
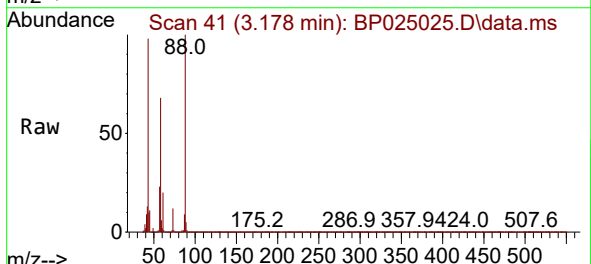
Instrument :
 BNA_P
 ClientSampleId :
 3897MS

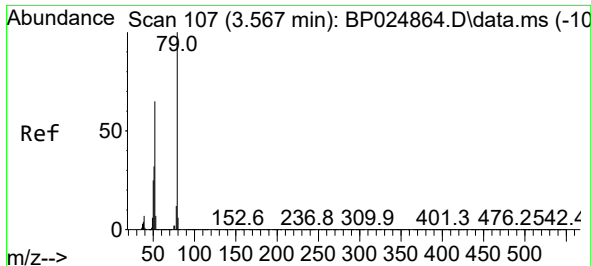
Tgt Ion:152 Resp: 336372
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.1 183.1
 115 61.4 46.4 69.6



#2
 1,4-Dioxane
 Concen: 35.065 ng
 RT: 3.178 min Scan# 41
 Delta R.T. 0.011 min
 Lab File: BP025025.D
 Acq: 20 Jun 2025 19:47

Tgt Ion: 88 Resp: 310920
 Ion Ratio Lower Upper
 88 100
 58 67.5 55.4 83.0
 43 94.2 20.8 31.2#

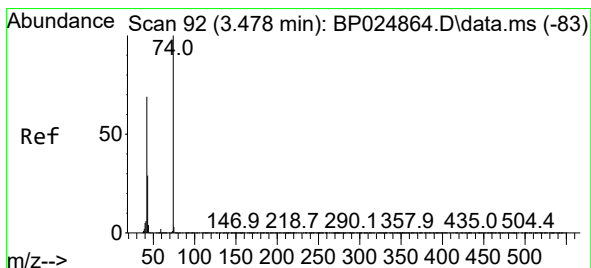
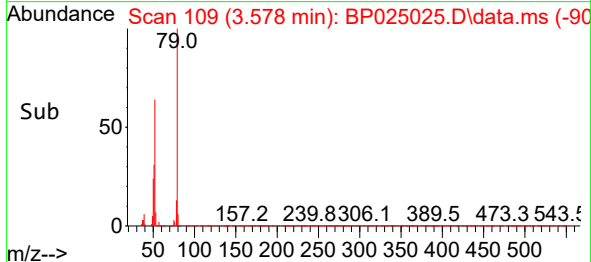
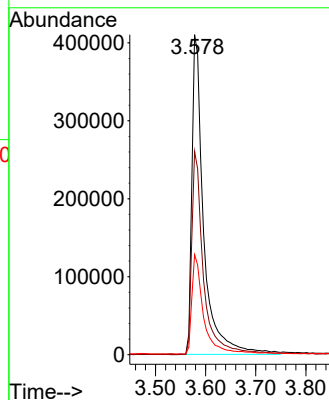
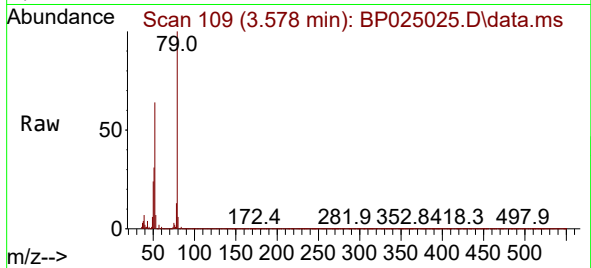




#3
Pyridine
Concen: 31.565 ng
RT: 3.578 min Scan# 107
Delta R.T. 0.011 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

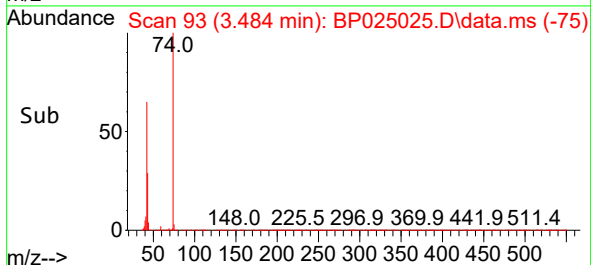
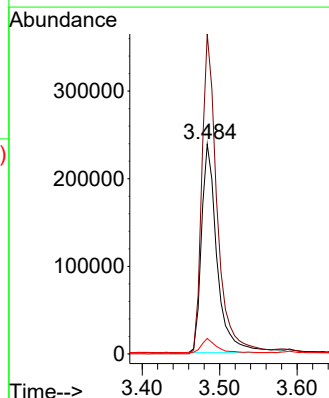
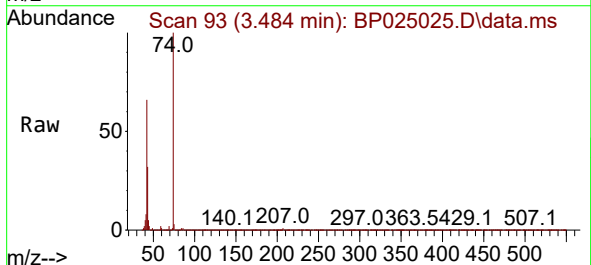
Instrument :
BNA_P
ClientSampleId :
3897MS

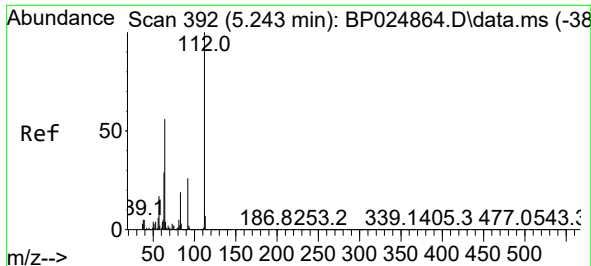
Tgt Ion: 79 Resp: 673092
Ion Ratio Lower Upper
79 100
52 63.5 51.6 77.4
51 31.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 38.380 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 42 Resp: 334597
Ion Ratio Lower Upper
42 100
74 152.4 116.6 174.8
44 7.4 5.4 8.0

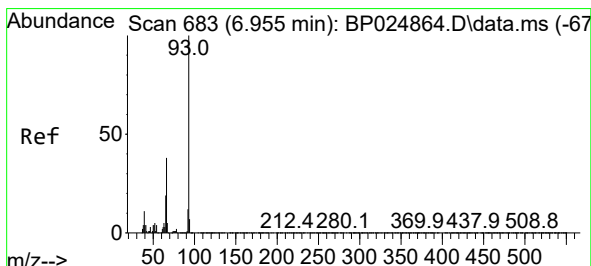
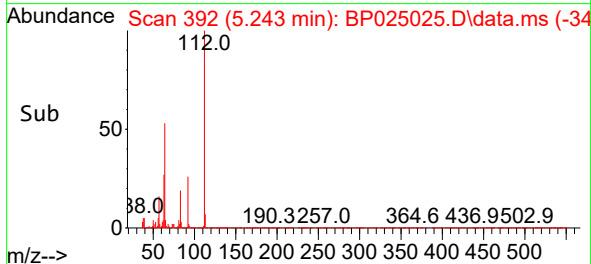
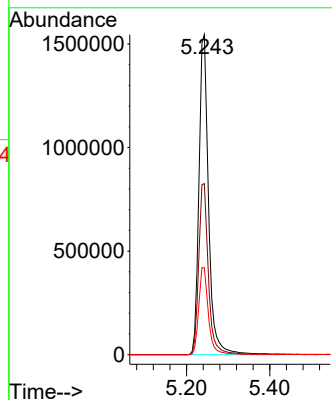
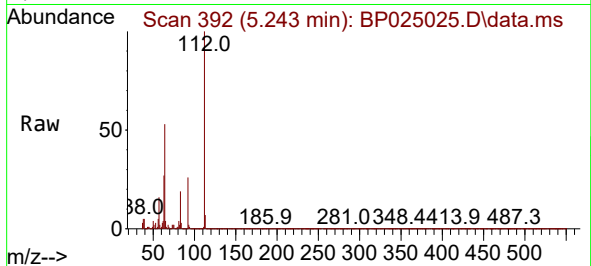




#5
2-Fluorophenol
Concen: 123.540 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

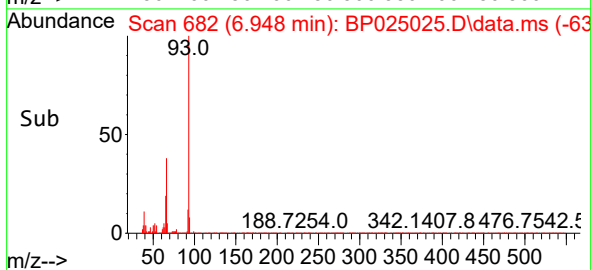
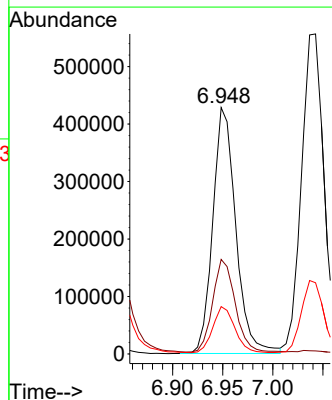
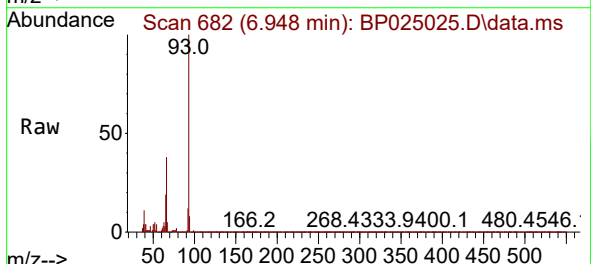
Instrument :
BNA_P
ClientSampleId :
3897MS

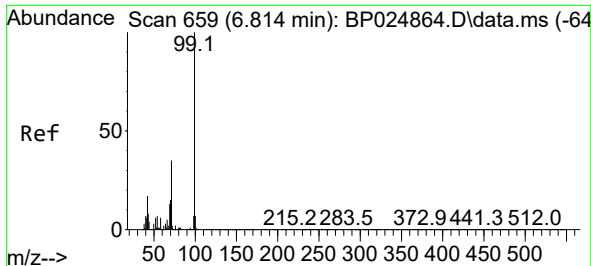
Tgt Ion:112 Resp: 2489540
Ion Ratio Lower Upper
112 100
64 53.5 44.7 67.1
63 27.2 23.5 35.3



#6
Aniline
Concen: 20.127 ng
RT: 6.948 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 93 Resp: 684848
Ion Ratio Lower Upper
93 100
66 38.4 30.9 46.3
65 19.2 15.5 23.3

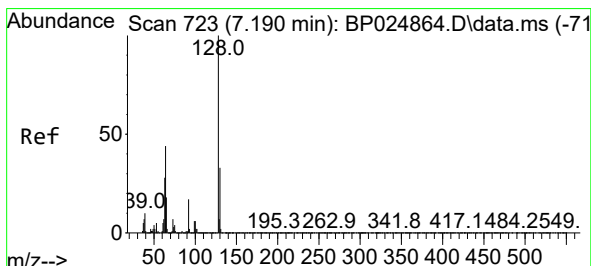
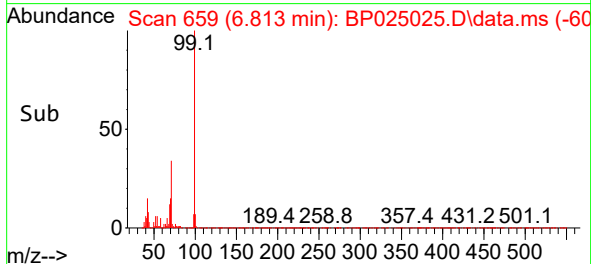
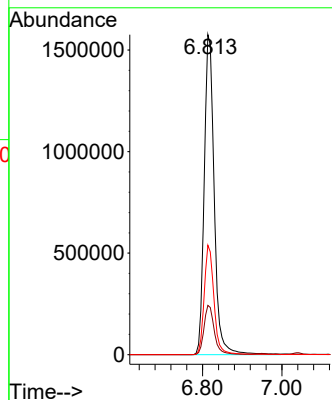
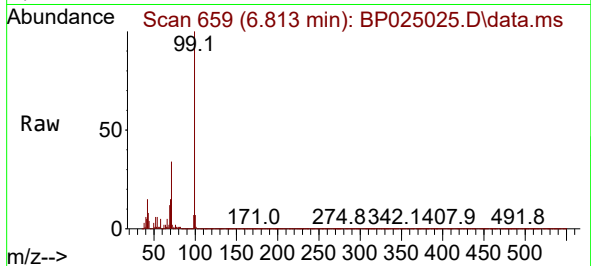




#7
Phenol-d6
Concen: 103.991 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

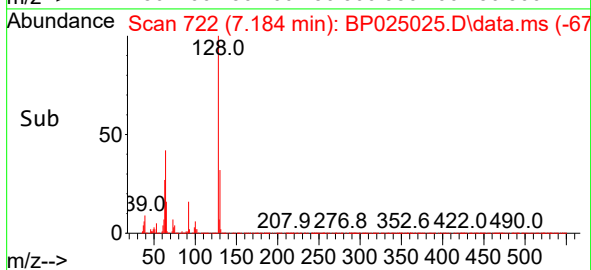
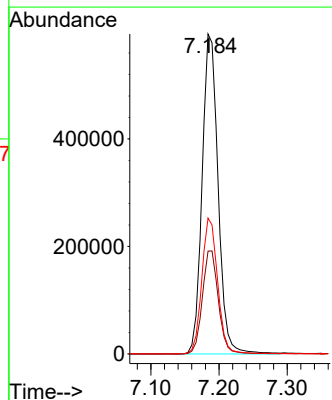
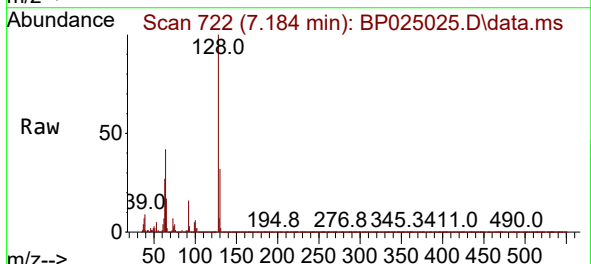
Instrument :
BNA_P
ClientSampleId :
3897MS

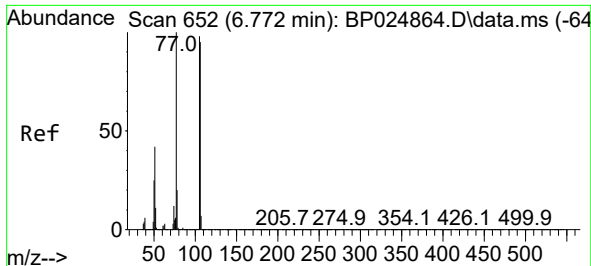
Tgt Ion: 99 Resp: 2772675
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 34.2 27.6 41.4



#8
2-Chlorophenol
Concen: 42.473 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 128 Resp: 970280
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 42.4 24.1 64.1

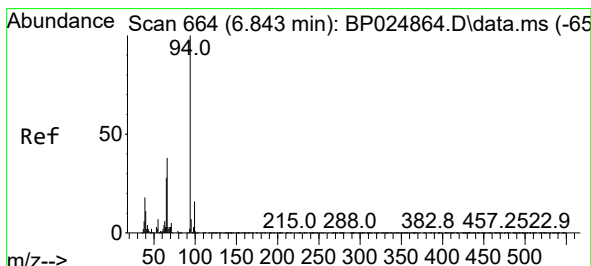
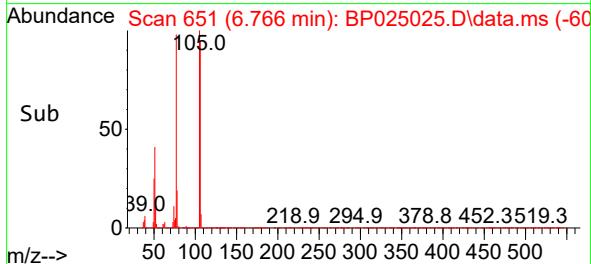
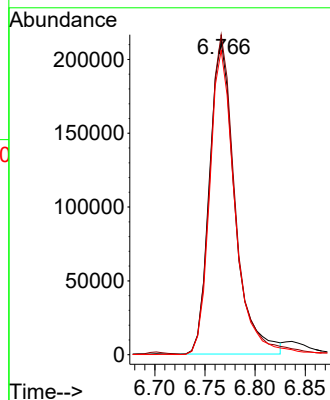
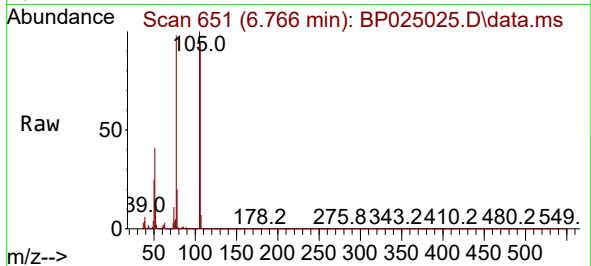




#9
Benzaldehyde
Concen: 24.230 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

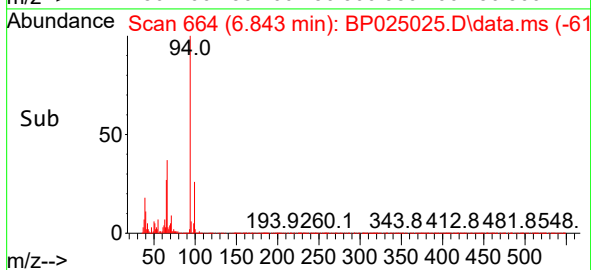
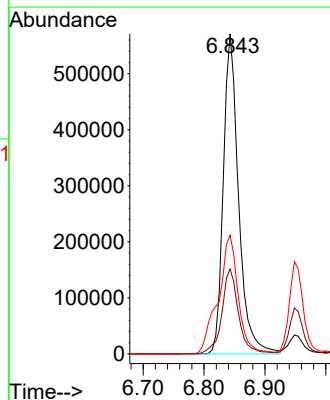
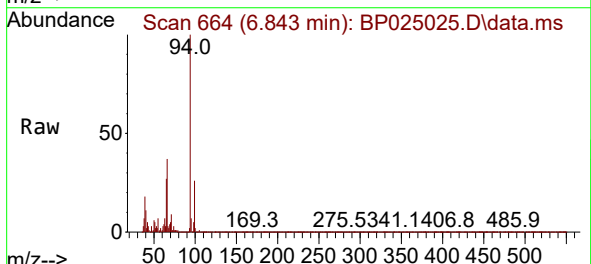
Instrument :
BNA_P
ClientSampleId :
3897MS

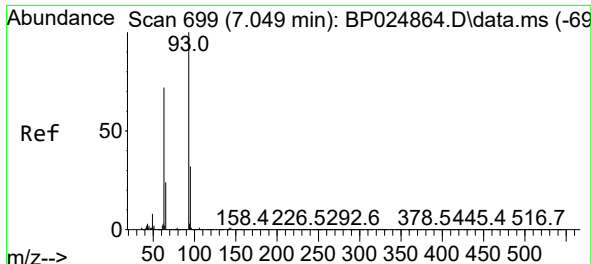
Tgt Ion: 77 Resp: 372378
Ion Ratio Lower Upper
77 100
105 101.7 77.7 117.7
106 96.7 74.8 114.8



#10
Phenol
Concen: 36.160 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 94 Resp: 993910
Ion Ratio Lower Upper
94 100
65 26.6 8.3 48.3
66 37.1 18.2 58.2

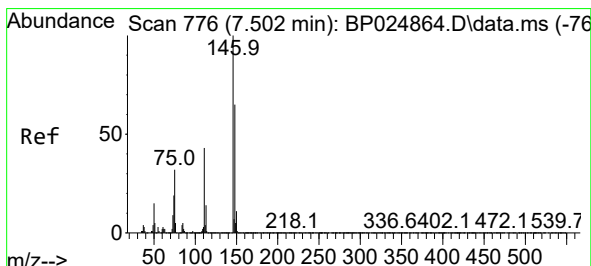
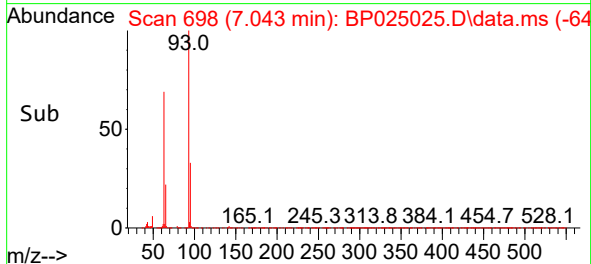
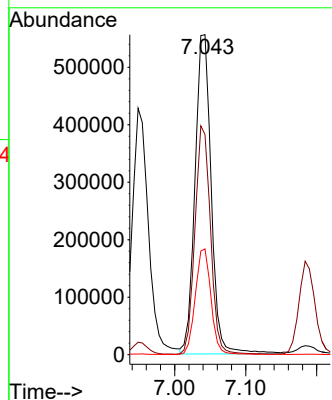
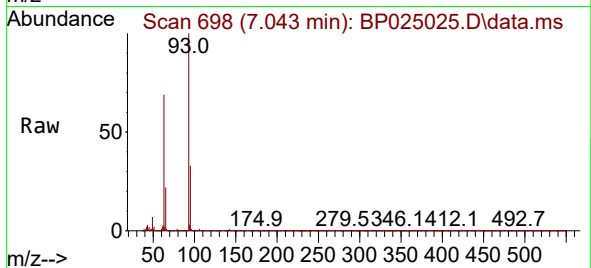




#11
bis(2-Chloroethyl)ether
Concen: 40.984 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

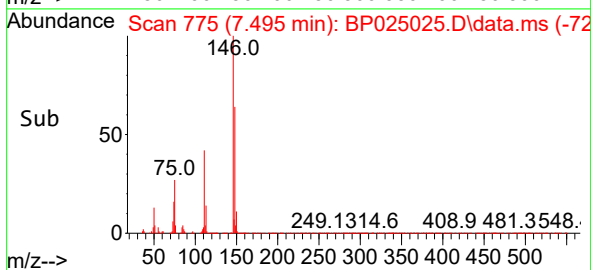
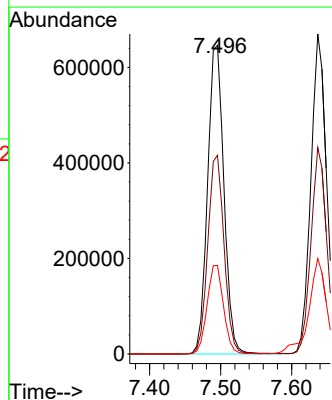
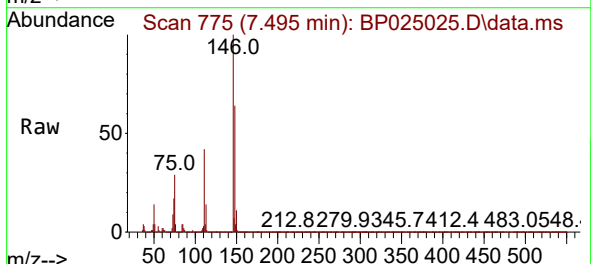
Instrument :
BNA_P
ClientSampleId :
3897MS

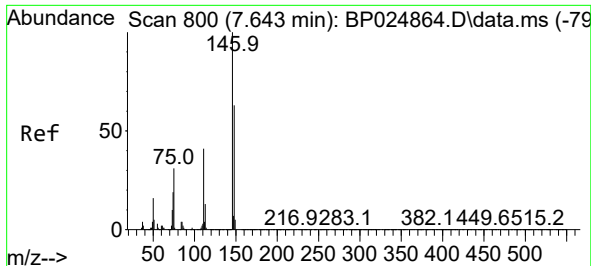
Tgt Ion: 93 Resp: 886014
Ion Ratio Lower Upper
93 100
63 68.8 51.6 91.6
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.618 ng
RT: 7.495 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:146 Resp: 1035142
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 28.7 25.3 37.9

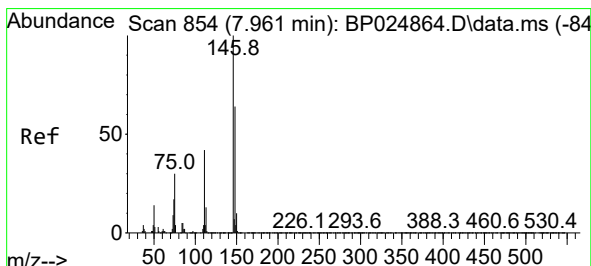
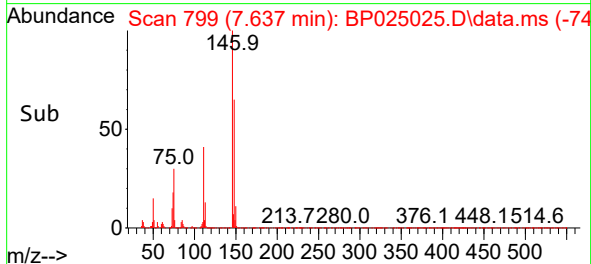
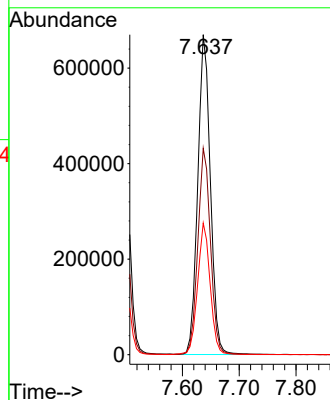
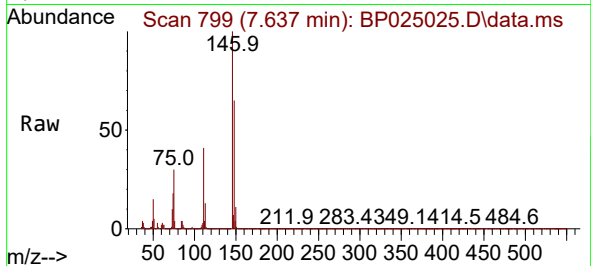




#13
1,4-Dichlorobenzene
Concen: 40.343 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

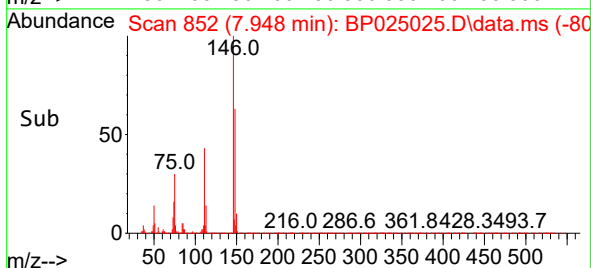
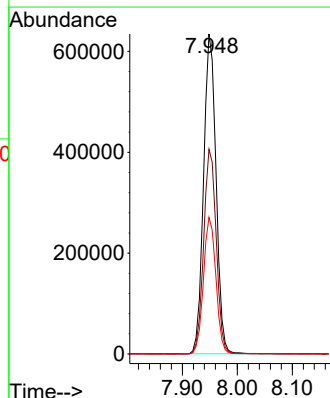
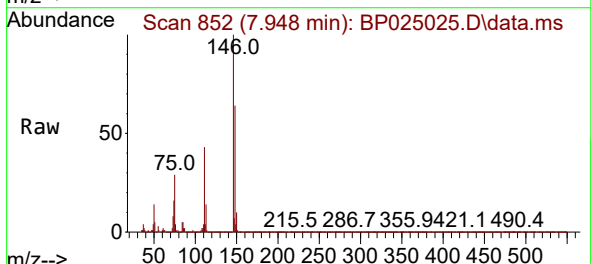
Instrument :
BNA_P
ClientSampleId :
3897MS

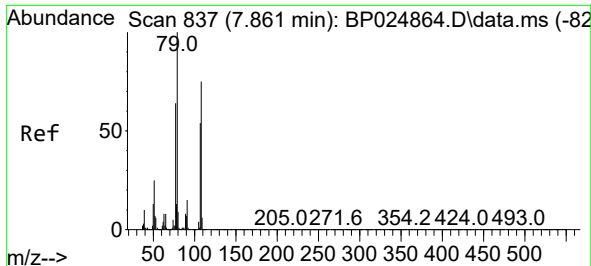
Tgt Ion:146 Resp: 1037384
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 41.2 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 39.631 ng
RT: 7.948 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:146 Resp: 1000705
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 42.7 33.8 50.8

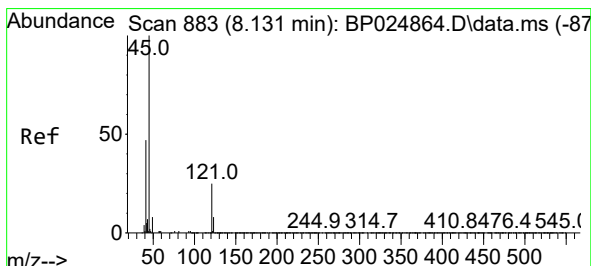
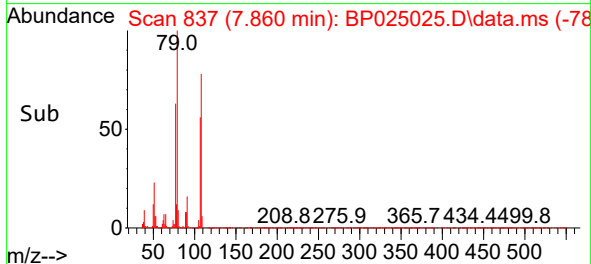
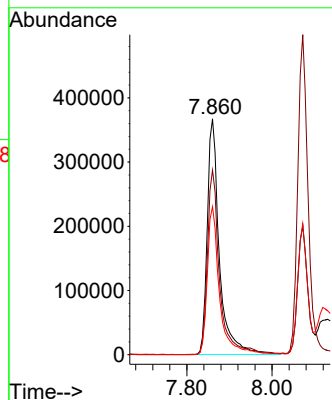
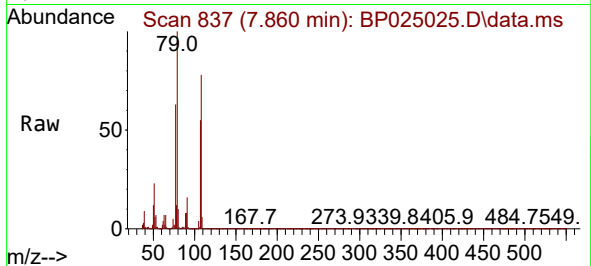




#15
Benzyl Alcohol
Concen: 35.695 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

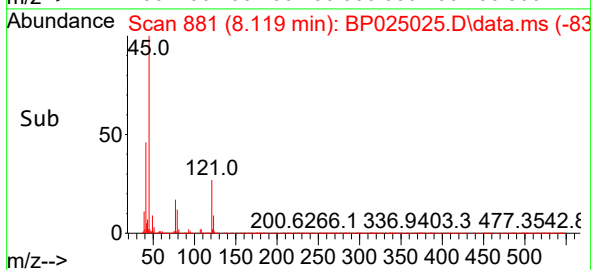
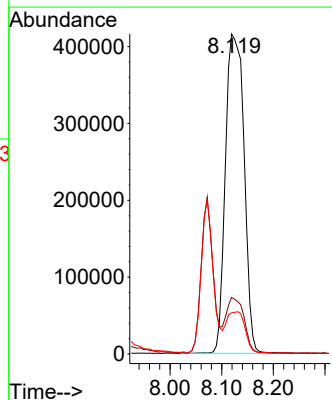
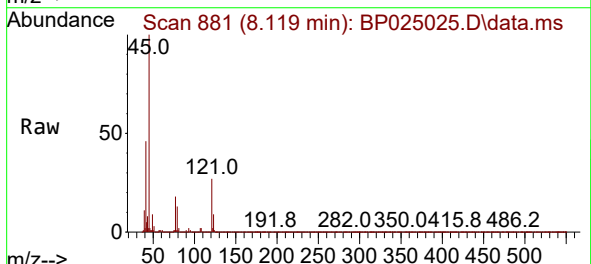
Instrument :
BNA_P
ClientSampleId :
3897MS

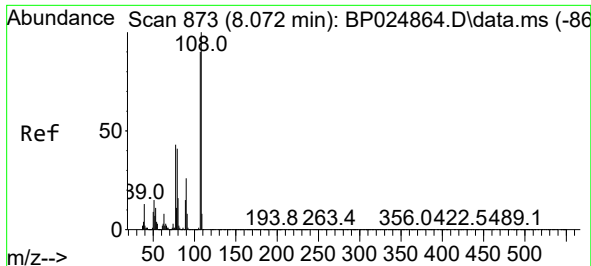
Tgt Ion: 79 Resp: 730435
Ion Ratio Lower Upper
79 100
108 78.3 60.2 90.4
77 62.8 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.783 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 45 Resp: 1040799
Ion Ratio Lower Upper
45 100
77 17.7 0.0 36.3
79 12.8 0.0 32.2

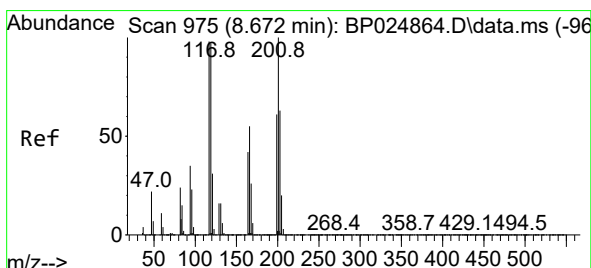
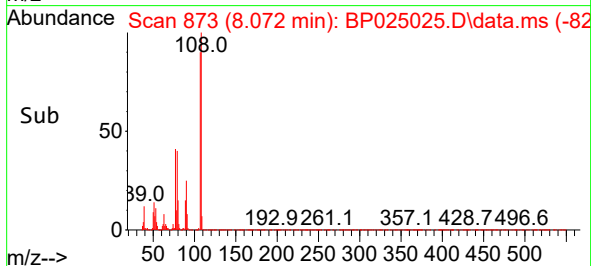
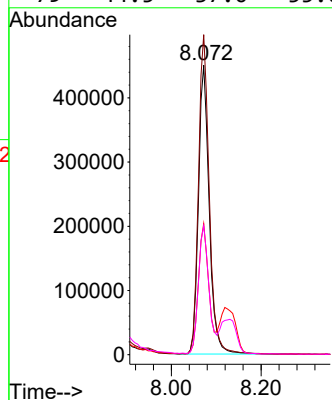
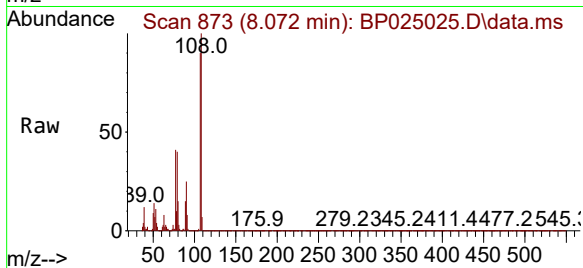




#17
2-Methylphenol
Concen: 38.970 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

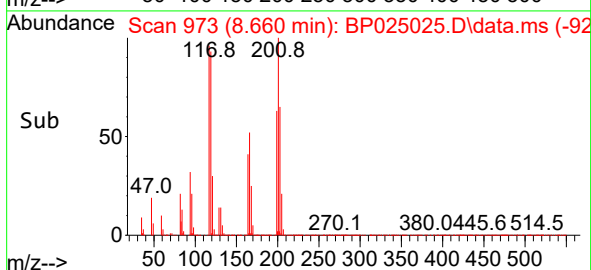
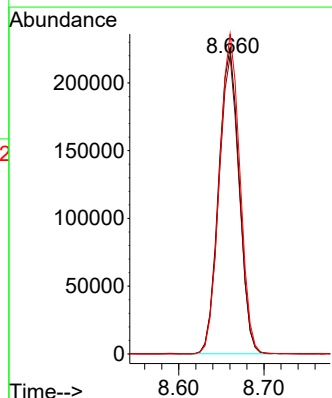
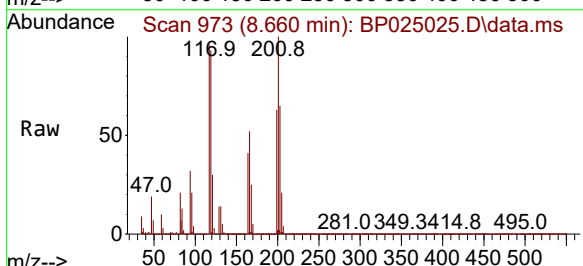
Instrument :
BNA_P
ClientSampleId :
3897MS

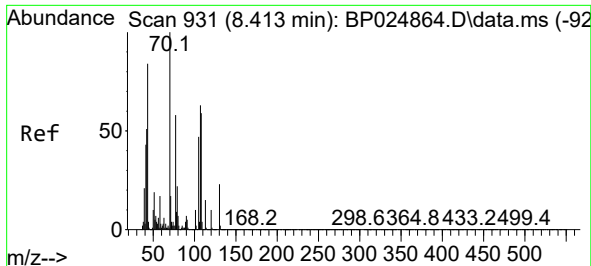
Tgt Ion:	107	Resp:	747997
Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.6	132.8
77	45.3	38.5	57.7
79	44.5	37.0	55.6



#18
Hexachloroethane
Concen: 38.985 ng
RT: 8.660 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:	117	Resp:	377415
Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.4	119.2
201	104.4	81.4	122.2

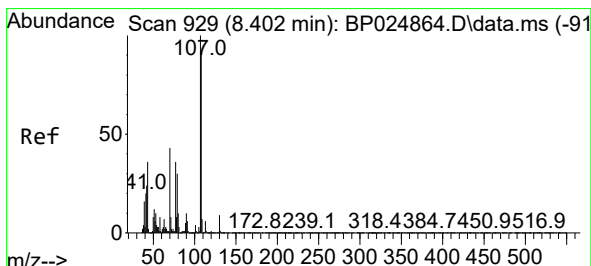
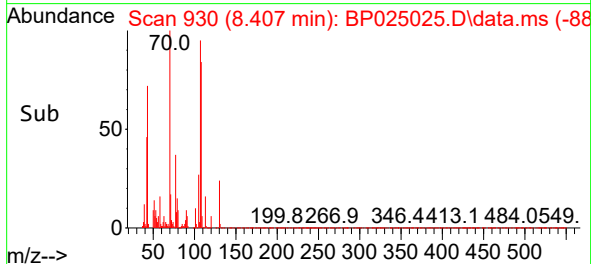
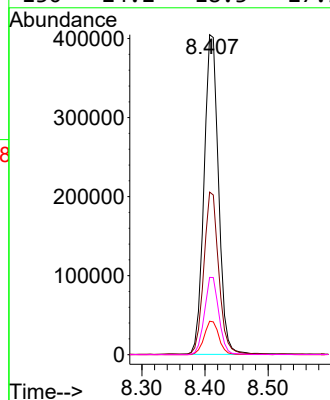
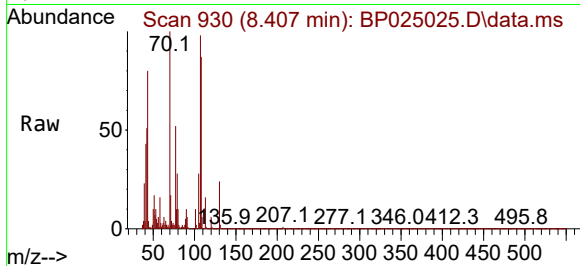




#19
n-Nitroso-di-n-propylamine
Concen: 35.645 ng
RT: 8.407 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

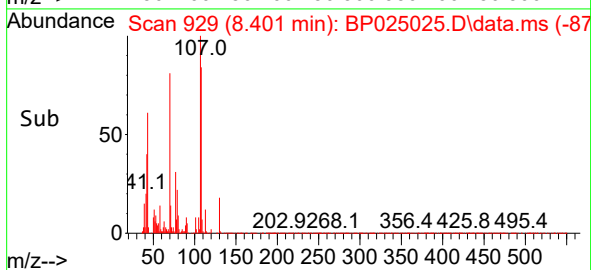
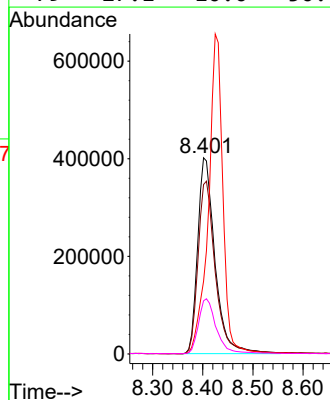
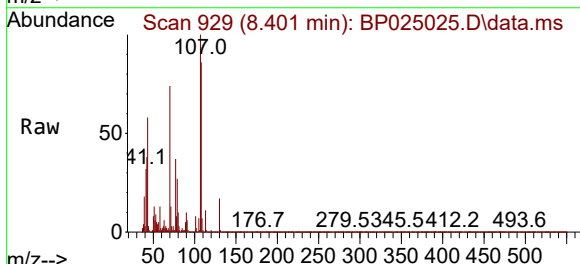
Instrument :
BNA_P
ClientSampleId :
3897MS

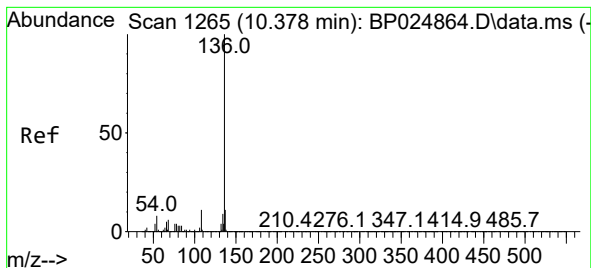
Tgt Ion:	70	Resp:	646097
Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.2	61.8
101	10.5	8.3	12.5
130	24.2	18.3	27.5



#20
3+4-Methylphenols
Concen: 36.887 ng
RT: 8.401 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:	107	Resp:	965960
Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.7	110.7
77	37.0	16.6	56.6
79	27.1	10.0	50.0

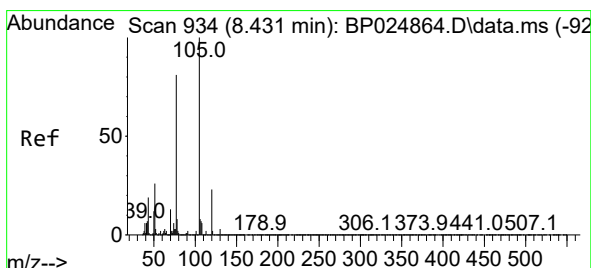
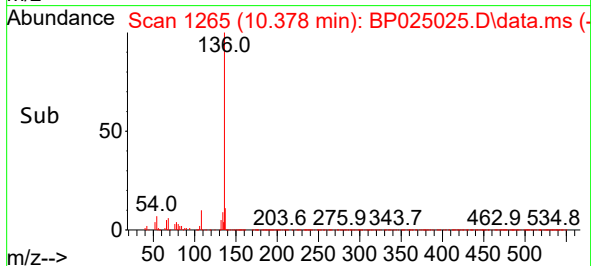
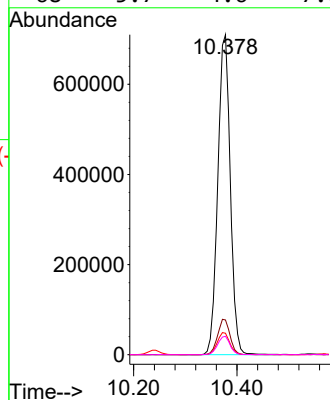
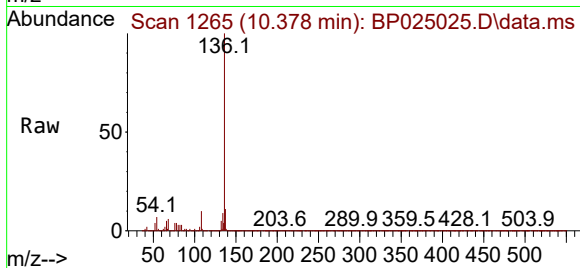




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

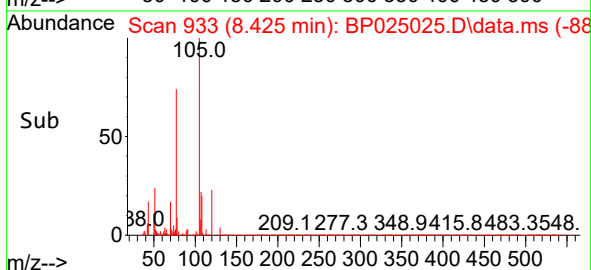
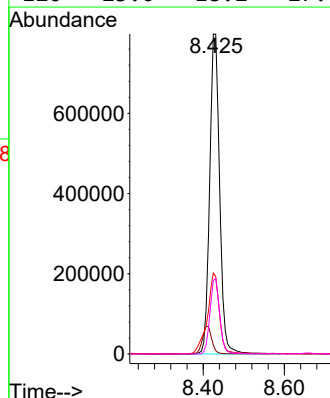
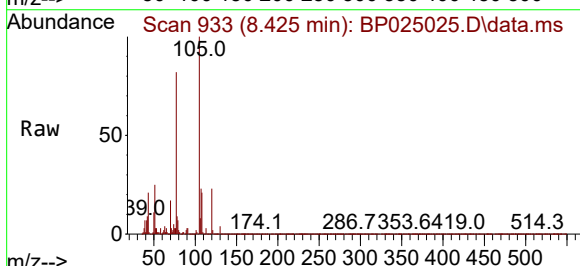
Instrument :
BNA_P
ClientSampleId :
3897MS

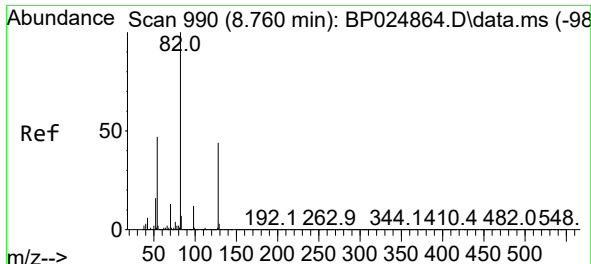
Tgt Ion:136 Resp: 1189081
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.1 9.1
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 45.032 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:105 Resp: 1352869
Ion Ratio Lower Upper
105 100
71 2.7 1.6 2.4#
51 25.3 20.6 31.0
120 23.0 18.2 27.4

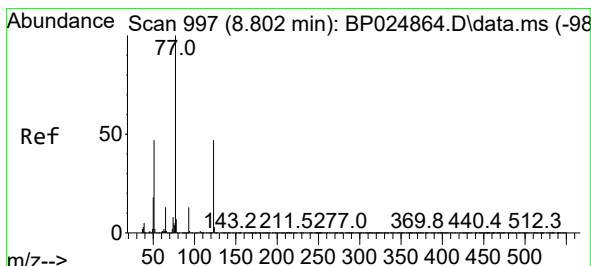
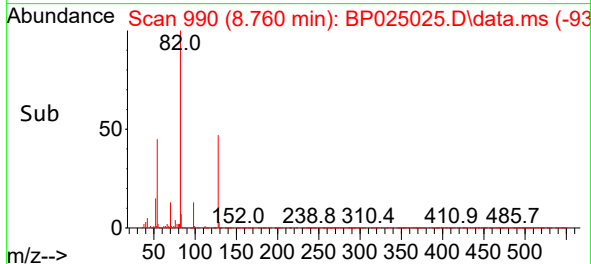
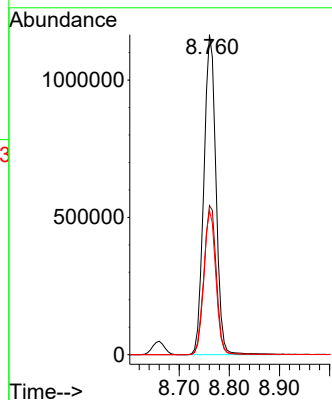
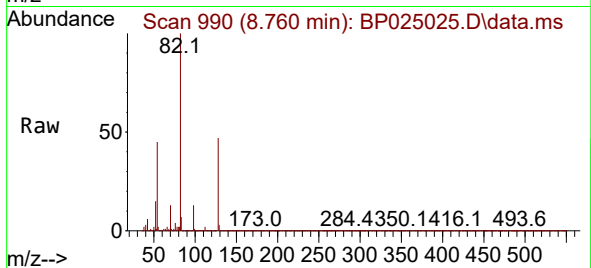




#23
Nitrobenzene-d5
Concen: 80.113 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

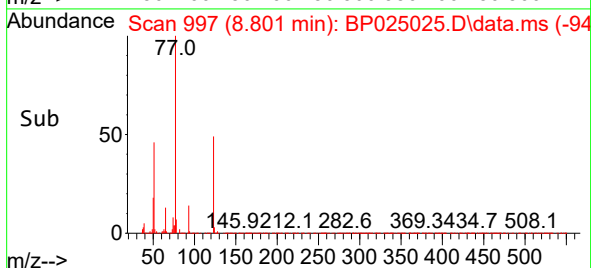
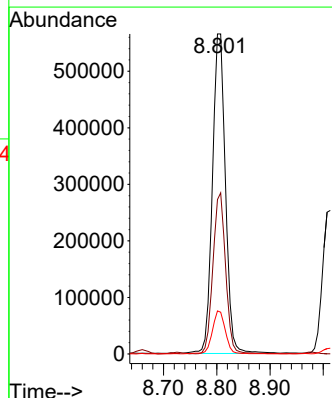
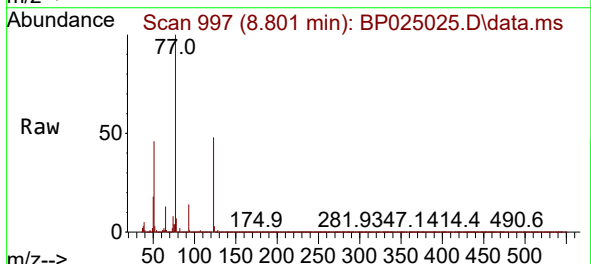
Instrument :
BNA_P
ClientSampleId :
3897MS

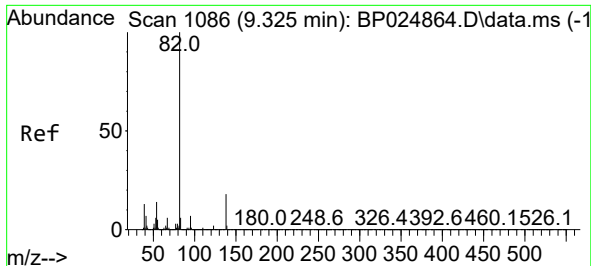
Tgt Ion: 82 Resp: 1960369
Ion Ratio Lower Upper
82 100
128 46.6 35.3 52.9
54 45.1 37.4 56.0



#24
Nitrobenzene
Concen: 44.258 ng
RT: 8.801 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 77 Resp: 962127
Ion Ratio Lower Upper
77 100
123 48.2 37.3 55.9
65 13.4 10.8 16.2

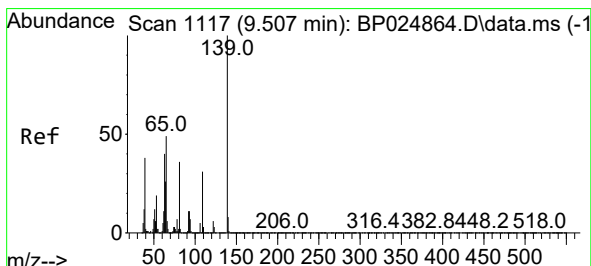
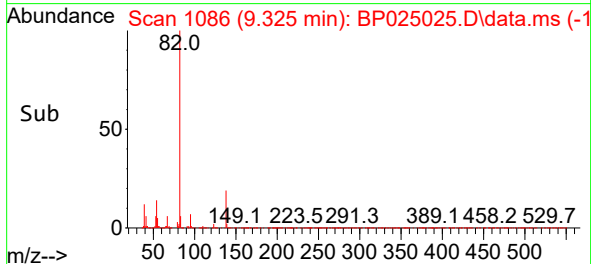
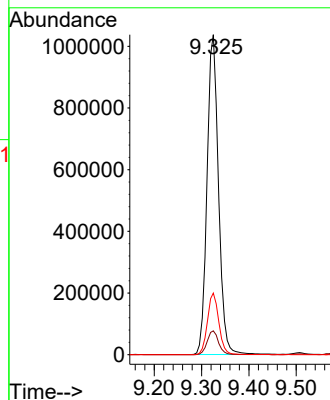
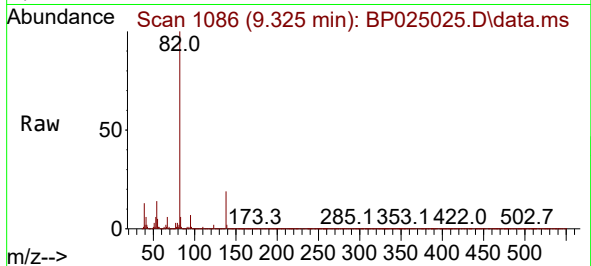




#25
Isophorone
Concen: 41.166 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

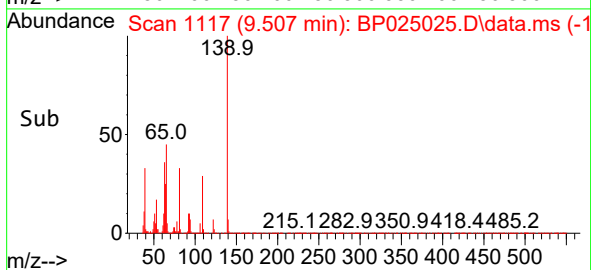
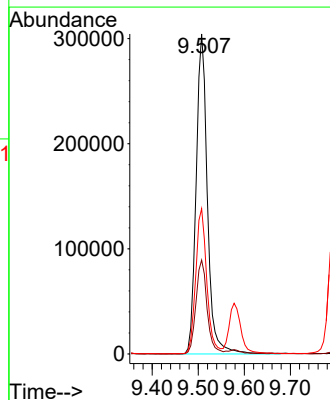
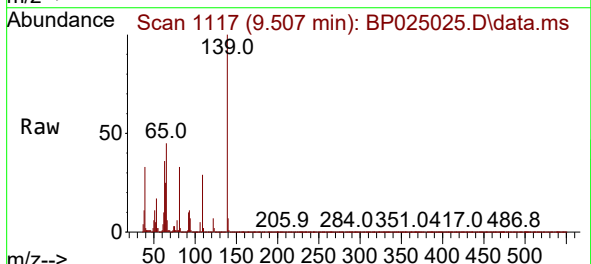
Instrument :
BNA_P
ClientSampleId :
3897MS

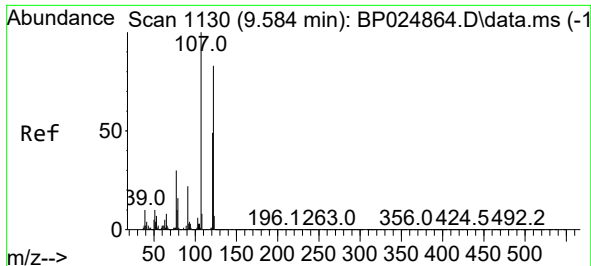
Tgt Ion: 82 Resp: 1745816
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.2 14.6 21.8



#26
2-Nitrophenol
Concen: 48.107 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 139 Resp: 515999
Ion Ratio Lower Upper
139 100
109 29.3 24.6 37.0
65 45.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 45.713 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

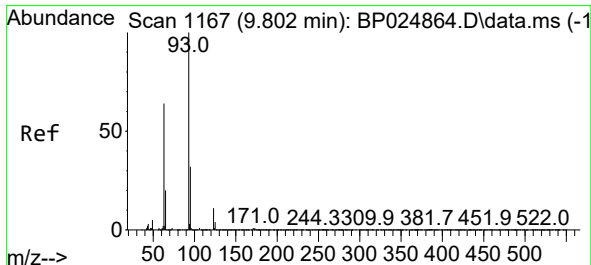
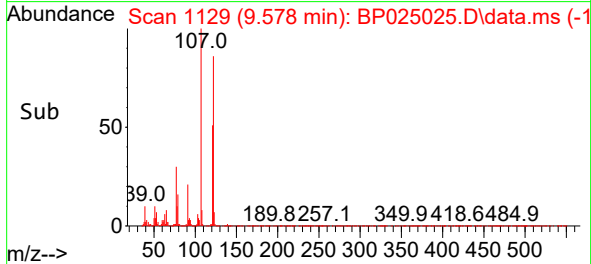
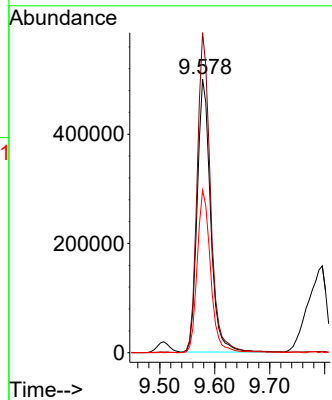
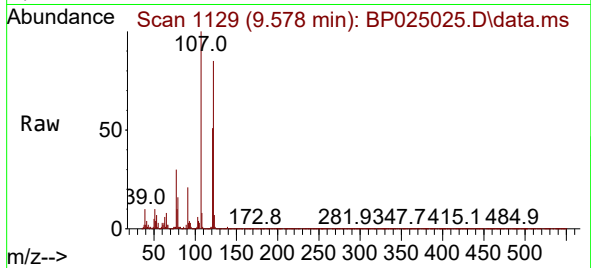
Tgt Ion:122 Resp: 839163

Ion Ratio Lower Upper

122 100

107 117.0 96.2 144.4

121 59.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.174 ng

RT: 9.795 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

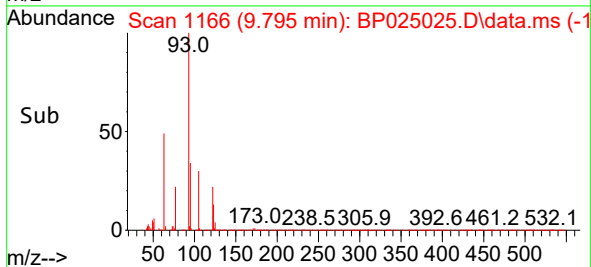
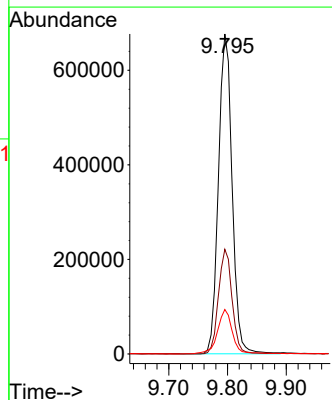
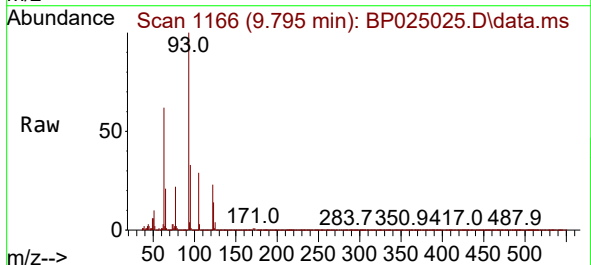
Tgt Ion: 93 Resp: 1092212

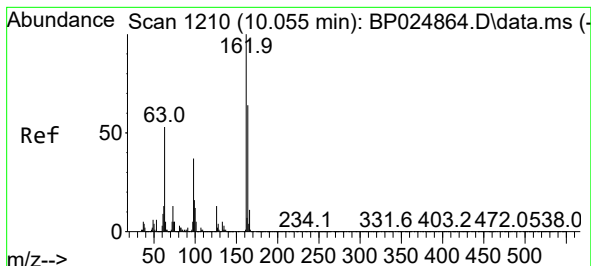
Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

123 13.9 9.2 13.8#

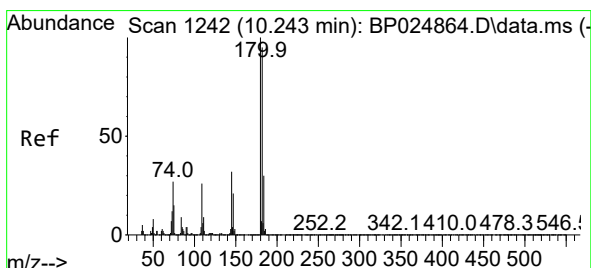
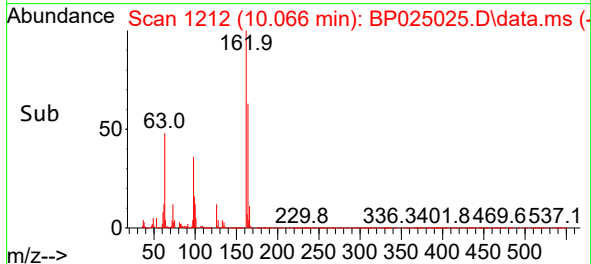
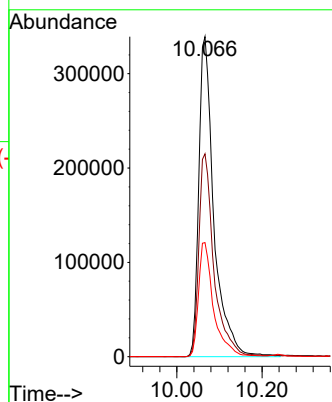
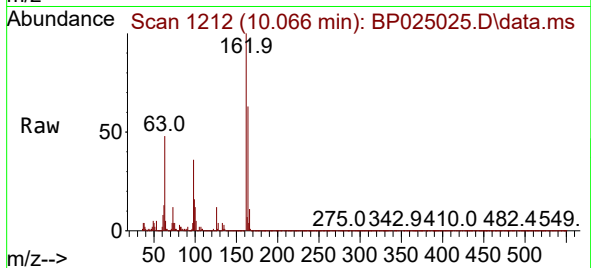




#29
2,4-Dichlorophenol
Concen: 47.402 ng
RT: 10.066 min Scan# 11
Delta R.T. 0.011 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

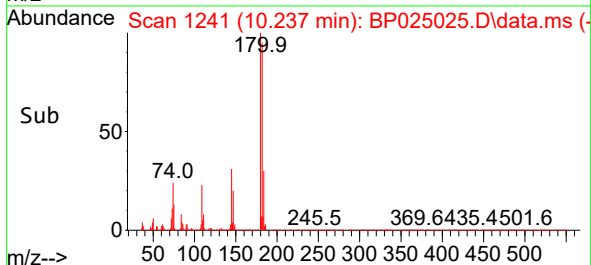
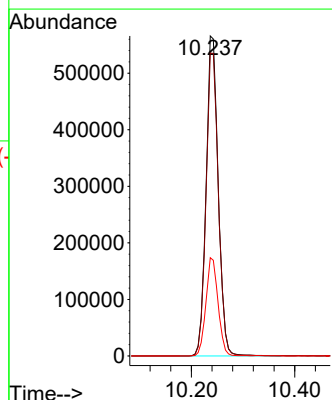
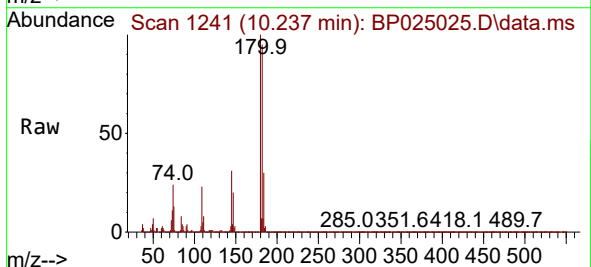
Instrument :
BNA_P
ClientSampleId :
3897MS

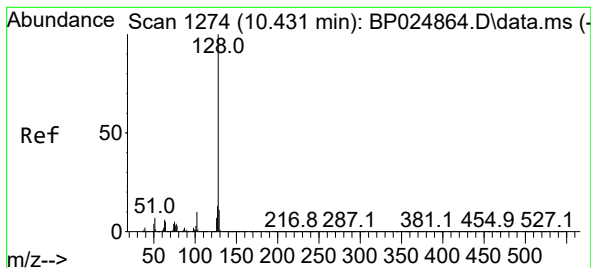
Tgt Ion:162 Resp: 834918
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 35.6 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 46.415 ng
RT: 10.237 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:180 Resp: 922113
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 30.7 25.7 38.5

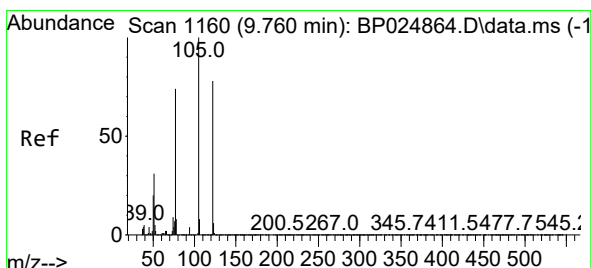
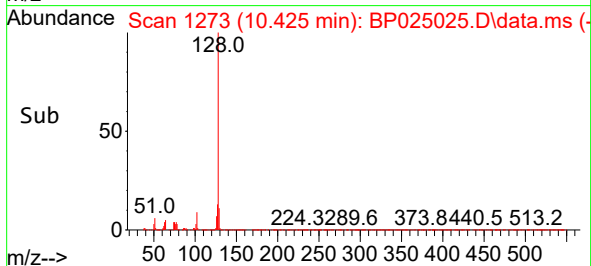
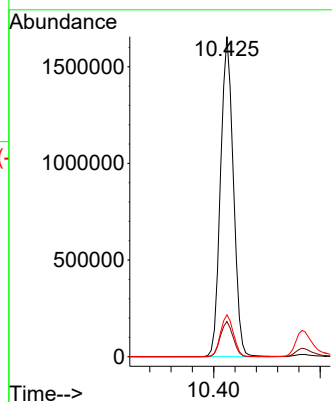
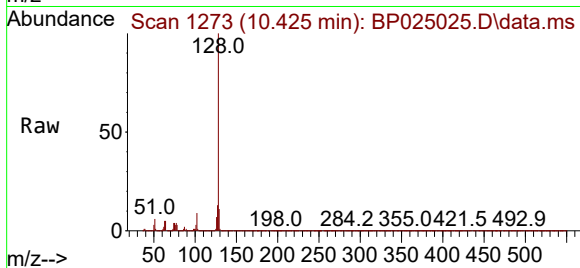




#31
Naphthalene
Concen: 45.338 ng
RT: 10.425 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

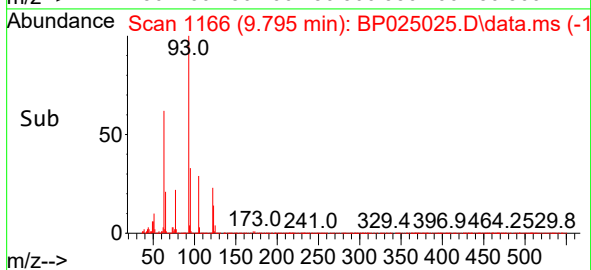
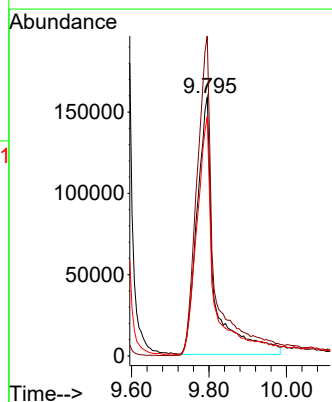
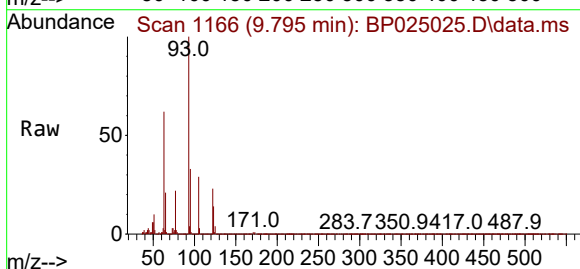
Instrument :
BNA_P
ClientSampleId :
3897MS

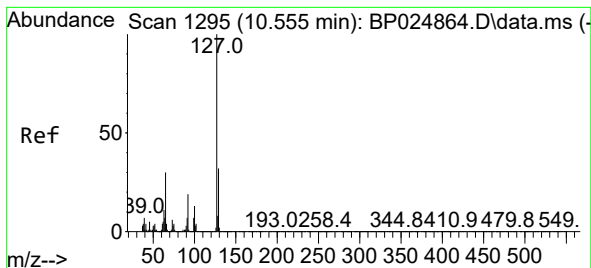
Tgt Ion:128 Resp: 2762690
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 39.632 ng
RT: 9.795 min Scan# 1166
Delta R.T. 0.035 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:122 Resp: 491634
Ion Ratio Lower Upper
122 100
105 123.8 107.1 147.1
77 92.6 75.1 115.1





#33

4-Chloroaniline

Concen: 13.197 ng

RT: 10.566 min Scan# 1297

Delta R.T. 0.011 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

Tgt Ion:127 Resp: 336905

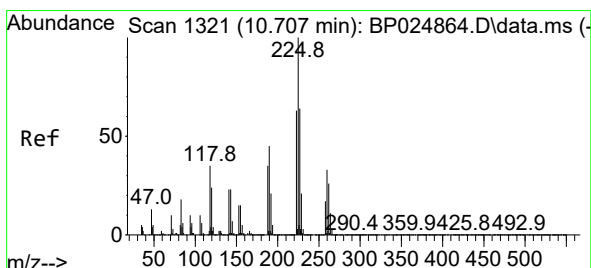
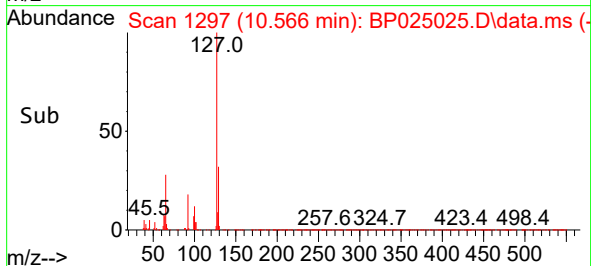
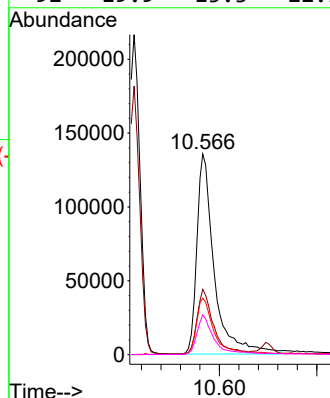
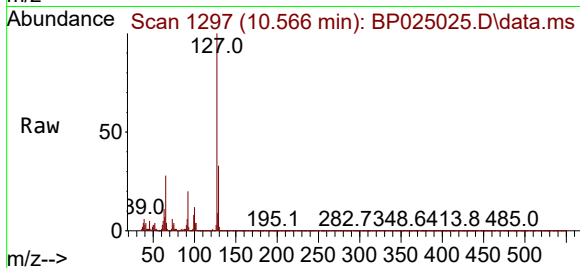
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 28.1 23.9 35.9

92 19.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 47.325 ng

RT: 10.701 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

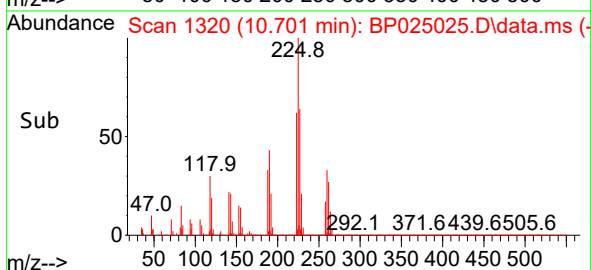
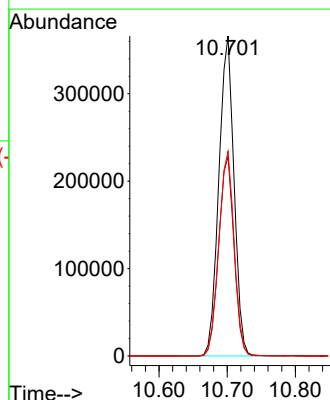
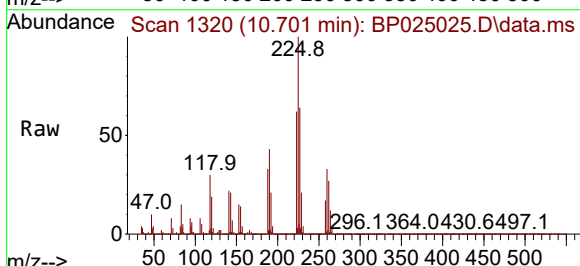
Tgt Ion:225 Resp: 566656

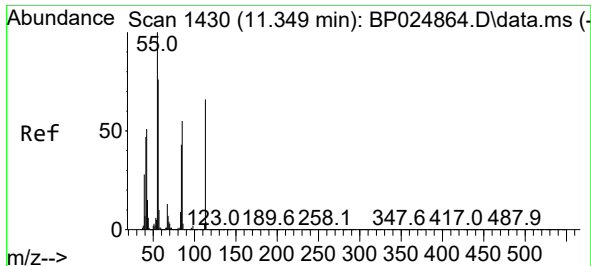
Ion Ratio Lower Upper

225 100

223 62.3 50.5 75.7

227 64.0 51.4 77.2

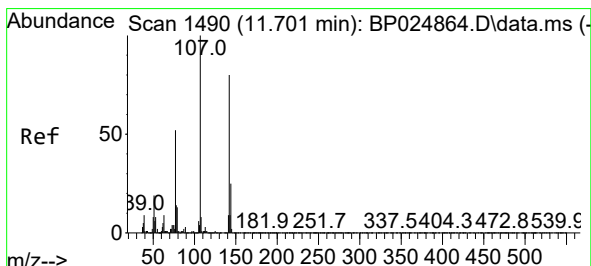
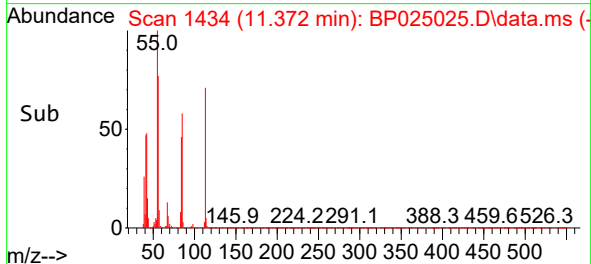
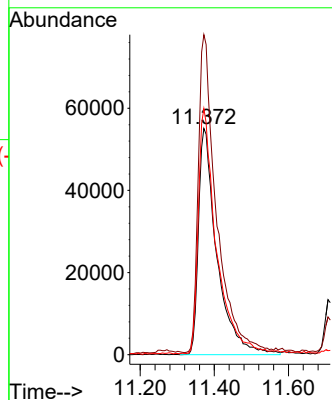
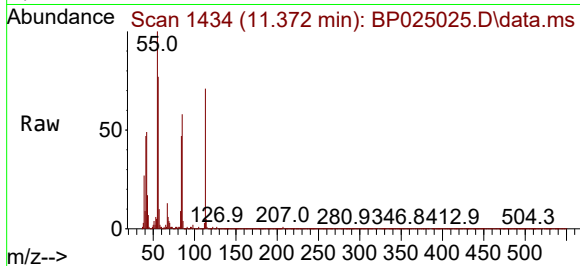




#35
Caprolactam
Concen: 29.275 ng
RT: 11.372 min Scan# 1434
Delta R.T. 0.023 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

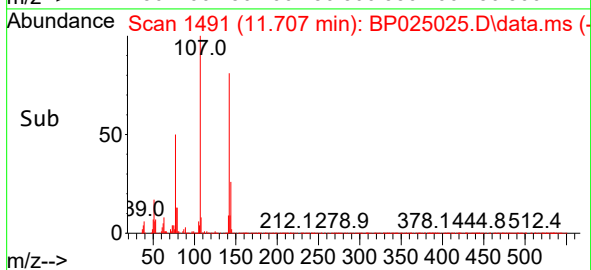
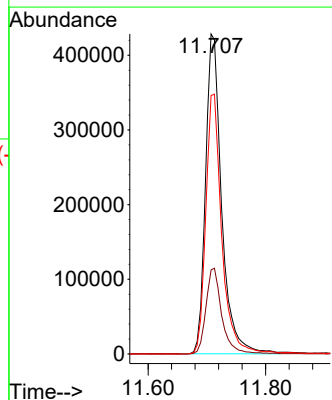
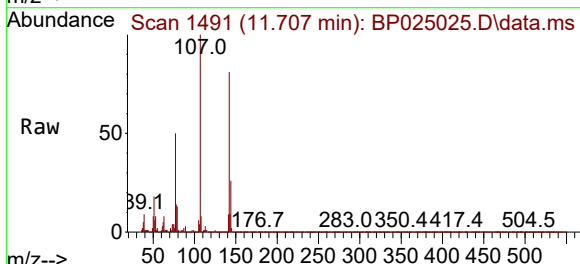
Instrument :
BNA_P
ClientSampleId :
3897MS

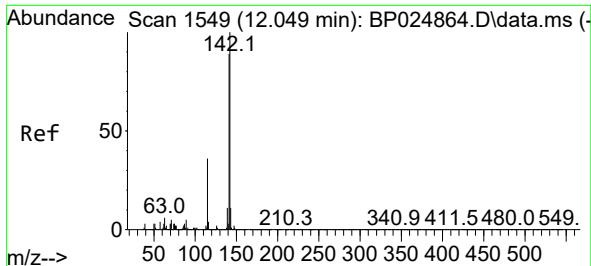
Tgt Ion:113 Resp: 189810
Ion Ratio Lower Upper
113 100
55 141.5 132.5 172.5
56 108.8 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 40.032 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:107 Resp: 813296
Ion Ratio Lower Upper
107 100
144 26.3 20.4 30.6
142 80.7 63.8 95.6

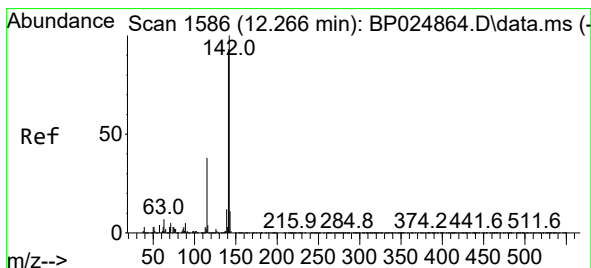
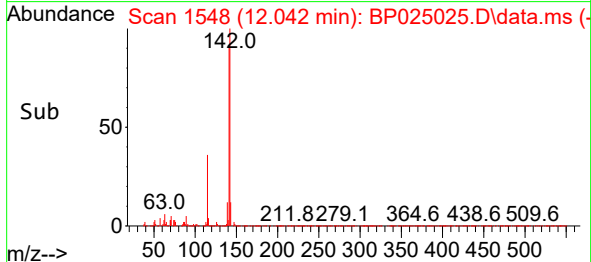
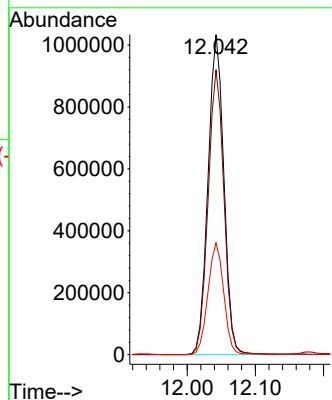
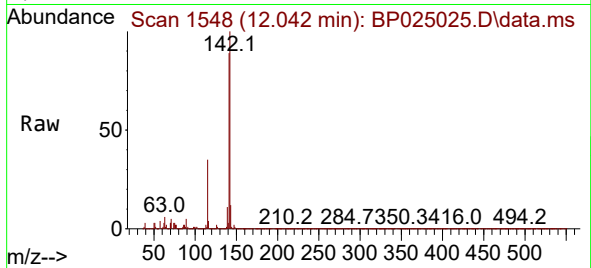




#37
2-Methylnaphthalene
Concen: 43.228 ng
RT: 12.042 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

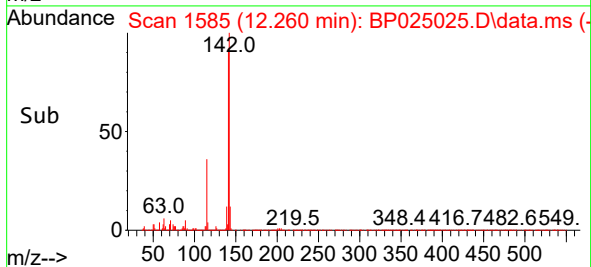
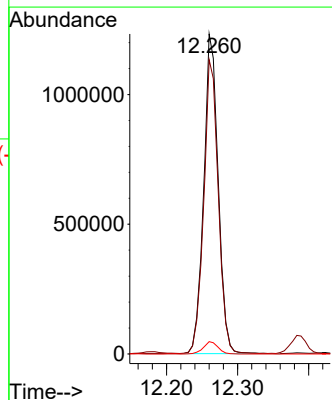
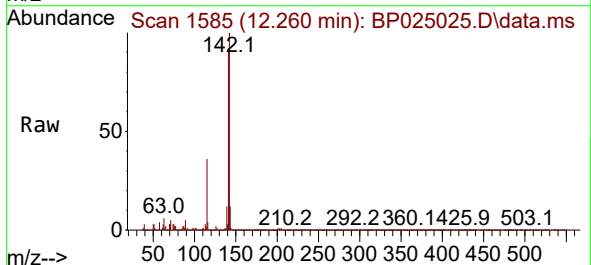
Instrument :
BNA_P
ClientSampleId :
3897MS

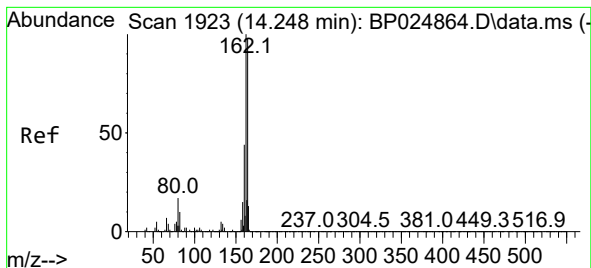
Tgt Ion:142 Resp: 1670894
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 34.9 28.5 42.7



#38
1-Methylnaphthalene
Concen: 42.311 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:142 Resp: 1748495
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 3.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

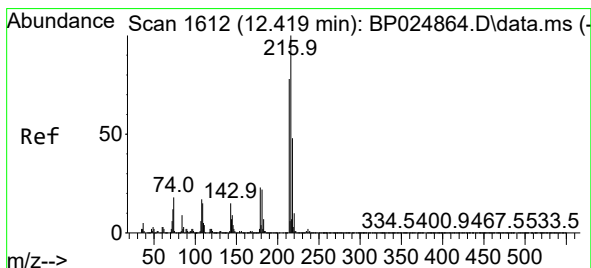
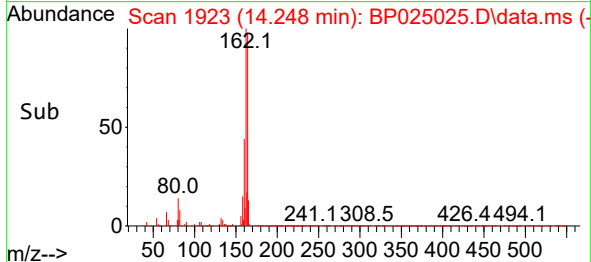
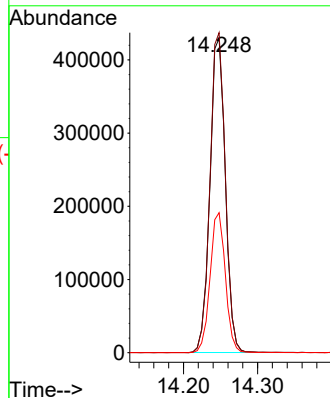
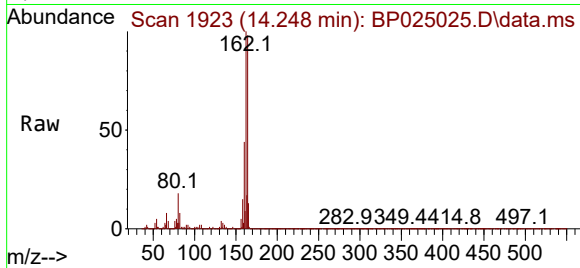
Tgt Ion:164 Resp: 618427

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

160 44.6 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.393 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Tgt Ion:216 Resp: 954501

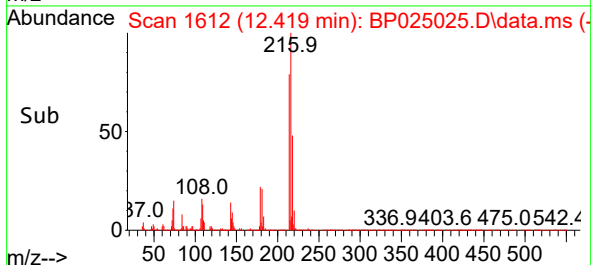
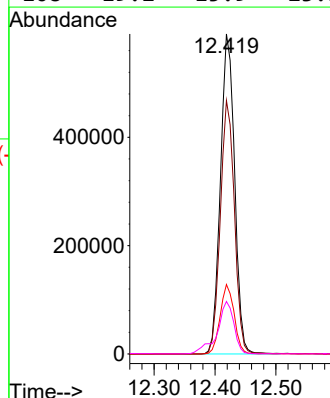
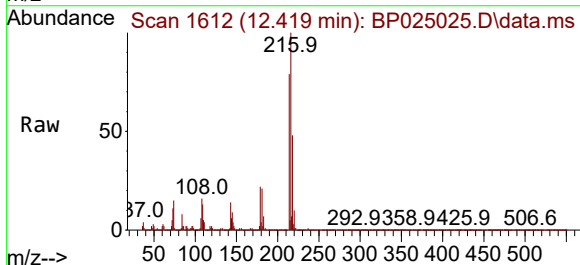
Ion Ratio Lower Upper

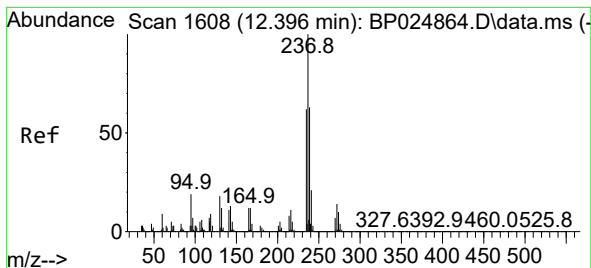
216 100

214 78.8 63.0 94.4

179 21.5 17.8 26.6

108 19.2 15.9 23.9

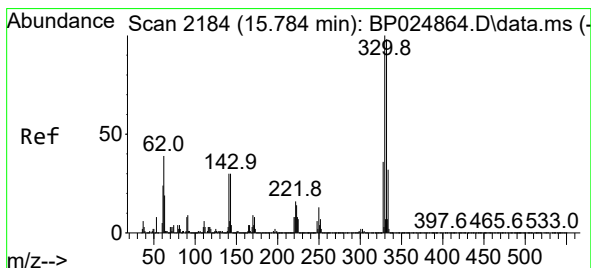
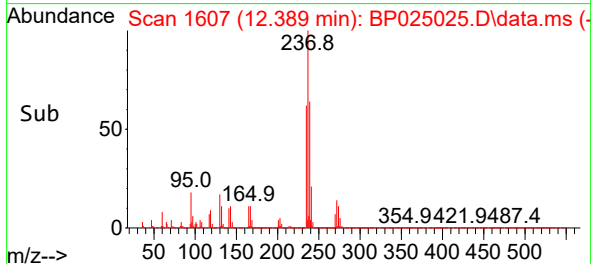
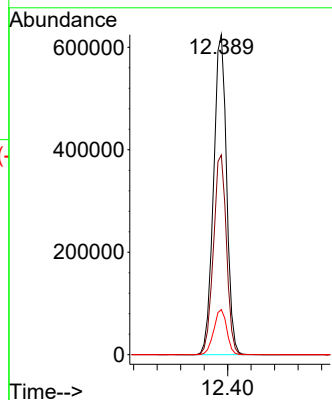
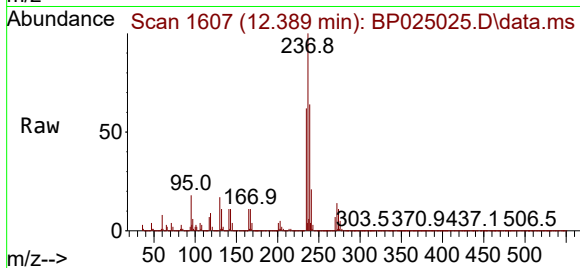




#41
Hexachlorocyclopentadiene
Concen: 89.457 ng
RT: 12.389 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

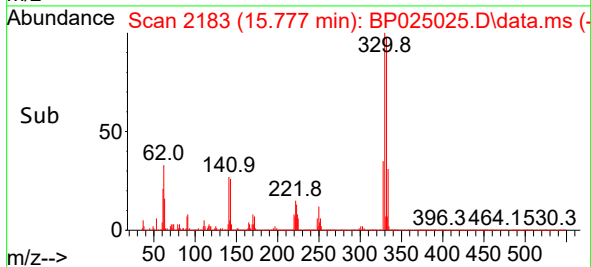
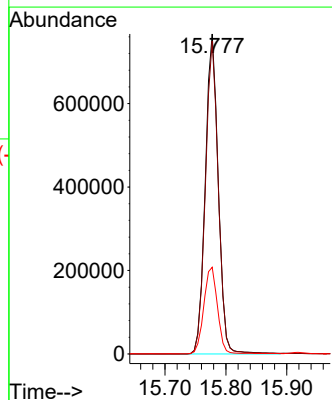
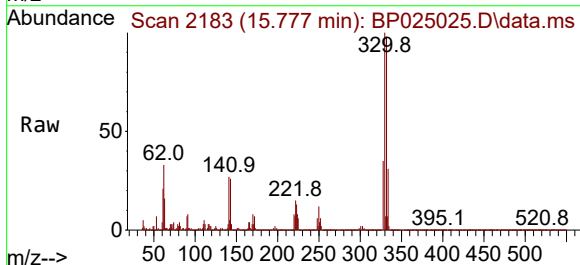
Instrument :
BNA_P
ClientSampleId :
3897MS

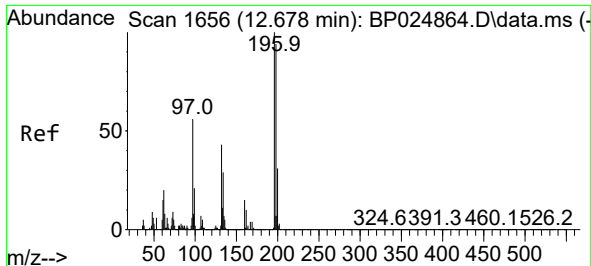
Tgt Ion:237 Resp: 957482
Ion Ratio Lower Upper
237 100
235 62.4 41.9 81.9
272 14.1 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 133.082 ng
RT: 15.777 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:330 Resp: 1137866
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 28.6 26.4 39.6

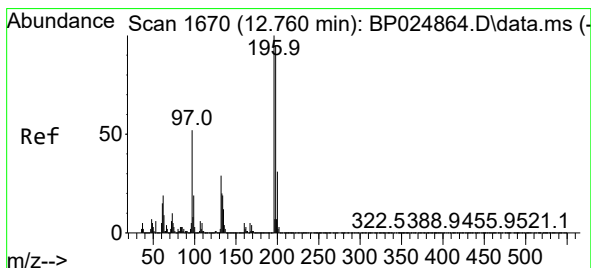
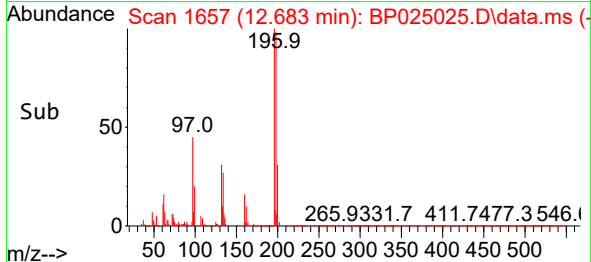
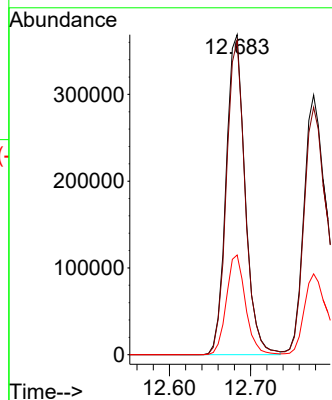
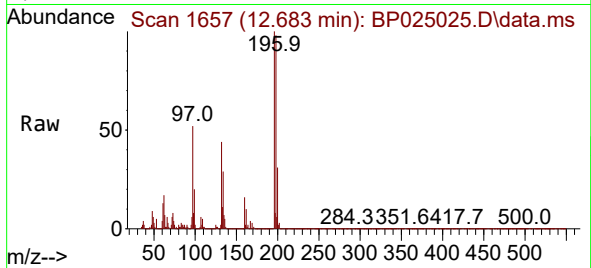




#43
2,4,6-Trichlorophenol
Concen: 51.086 ng
RT: 12.683 min Scan# 1657
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

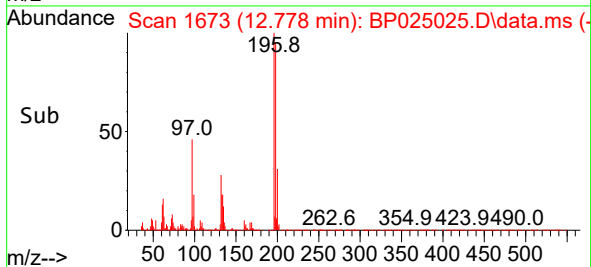
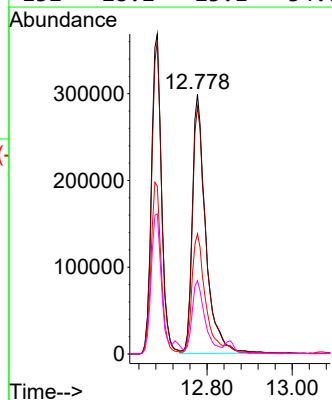
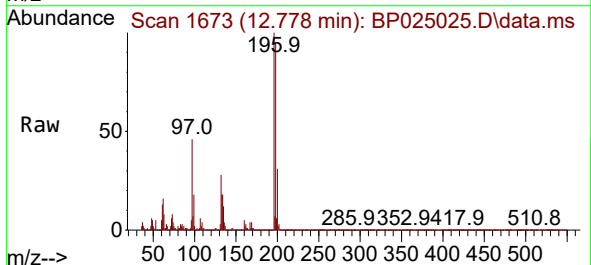
Instrument :
BNA_P
ClientSampleId :
3897MS

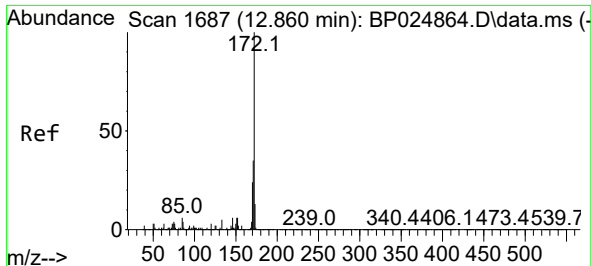
Tgt Ion:196 Resp: 602032
Ion Ratio Lower Upper
196 100
198 98.1 75.4 113.0
200 31.2 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 51.799 ng
RT: 12.778 min Scan# 1673
Delta R.T. 0.017 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:196 Resp: 653744
Ion Ratio Lower Upper
196 100
198 95.2 76.0 114.0
97 46.3 41.5 62.3
132 28.2 23.1 34.7

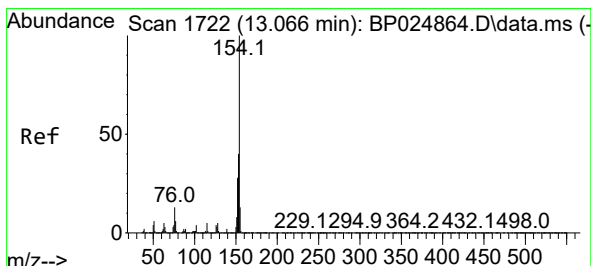
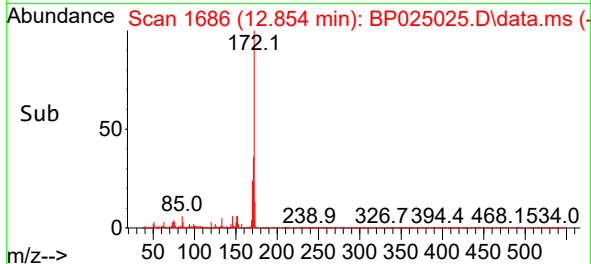
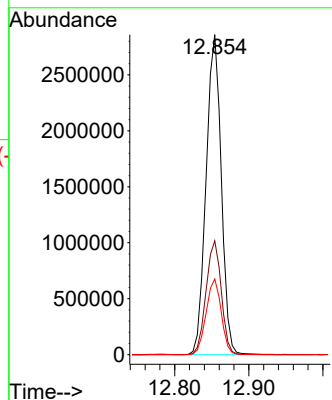
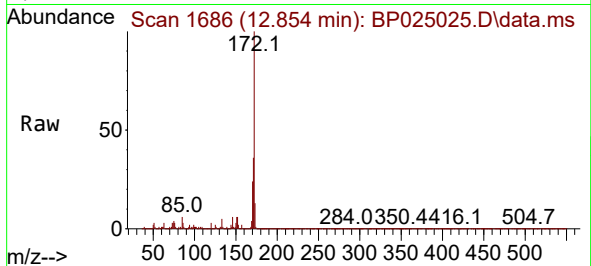




#45
2-Fluorobiphenyl
Concen: 88.607 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

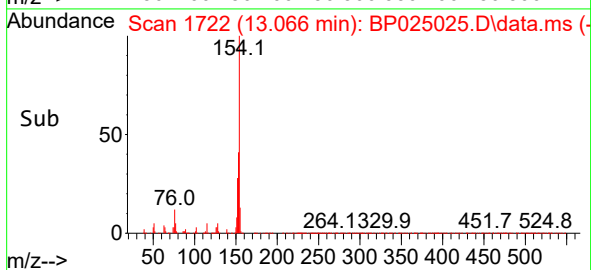
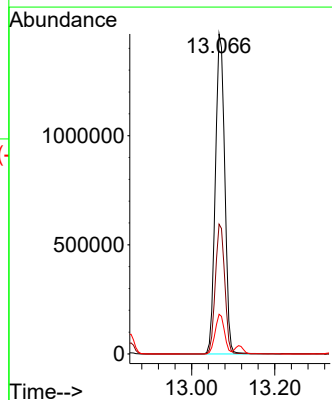
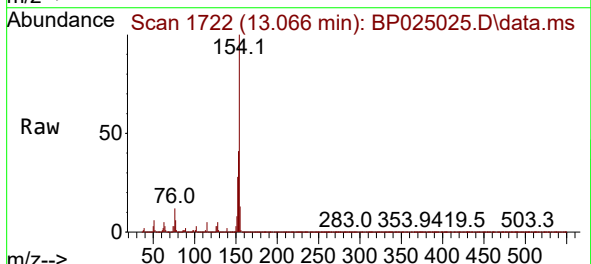
Instrument :
BNA_P
ClientSampleId :
3897MS

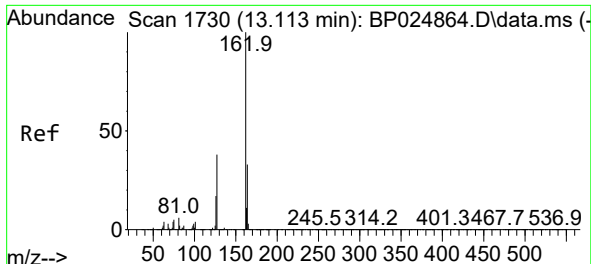
Tgt Ion:172 Resp: 4067696
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.067 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:154 Resp: 2295091
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.4 0.0 33.0

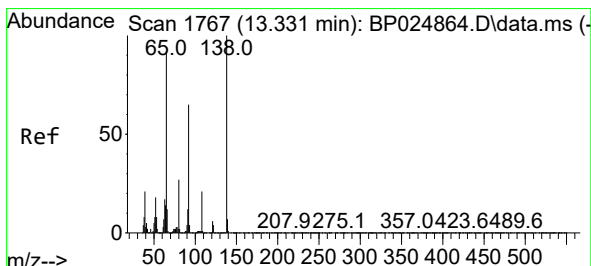
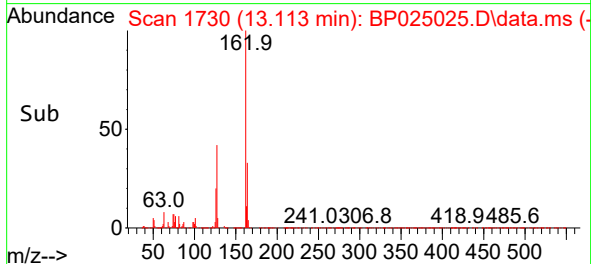
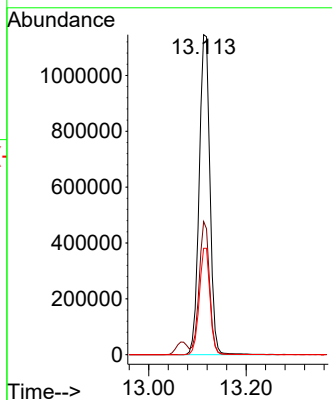
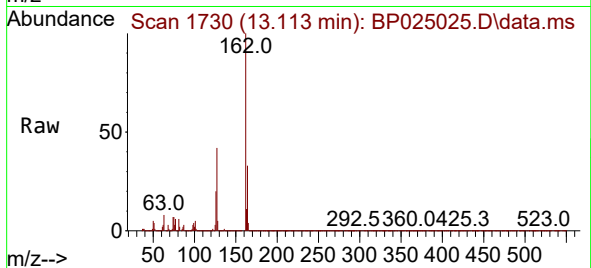




#47
2-Chloronaphthalene
Concen: 51.081 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

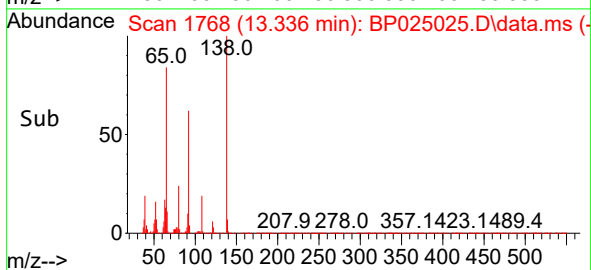
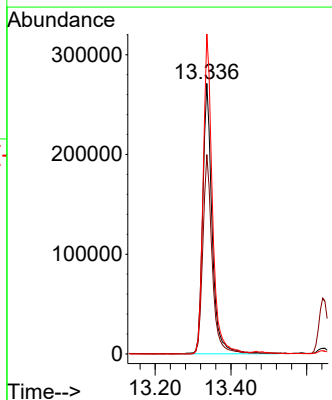
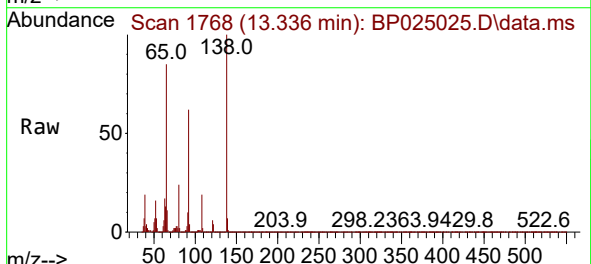
Instrument :
BNA_P
ClientSampleId :
3897MS

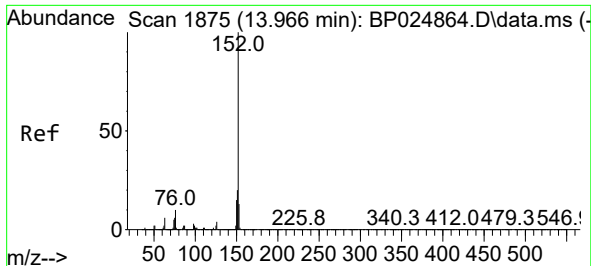
Tgt Ion:162 Resp: 1764453
Ion Ratio Lower Upper
162 100
127 41.6 32.5 48.7
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 43.900 ng
RT: 13.336 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion: 65 Resp: 466195
Ion Ratio Lower Upper
65 100
92 73.7 56.8 85.2
138 118.3 86.9 130.3

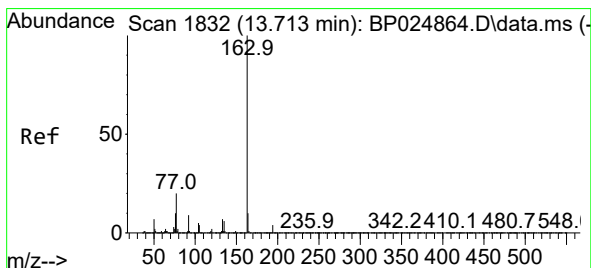
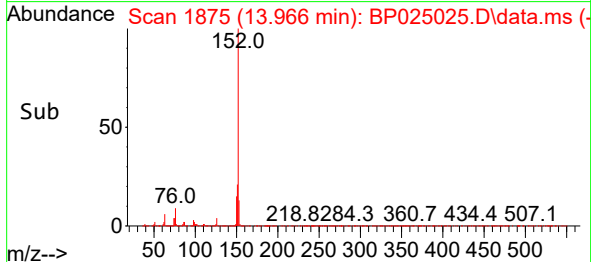
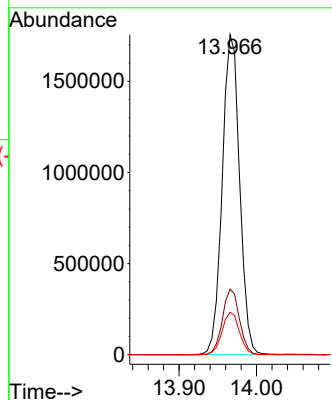
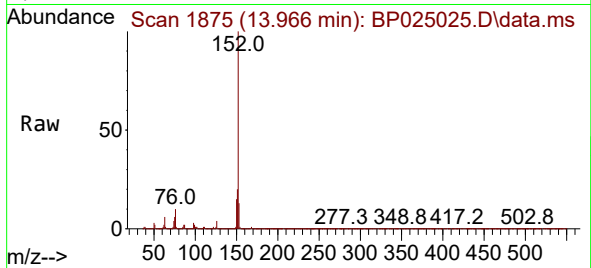




#49
Acenaphthylene
Concen: 47.494 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

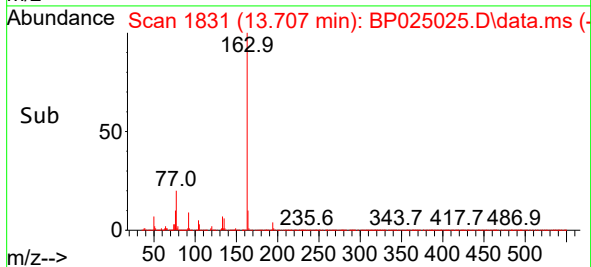
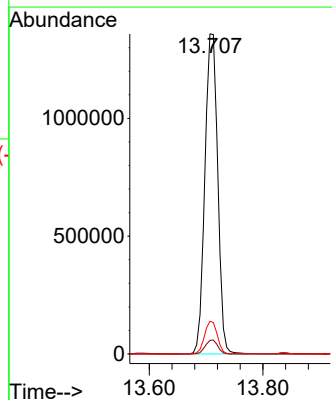
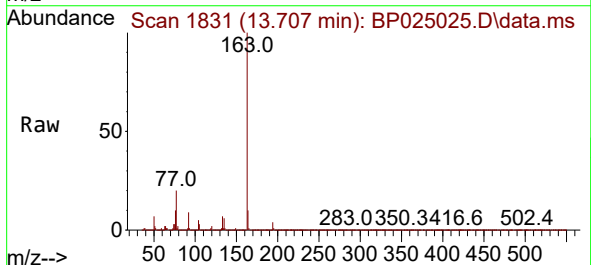
Instrument :
BNA_P
ClientSampleId :
3897MS

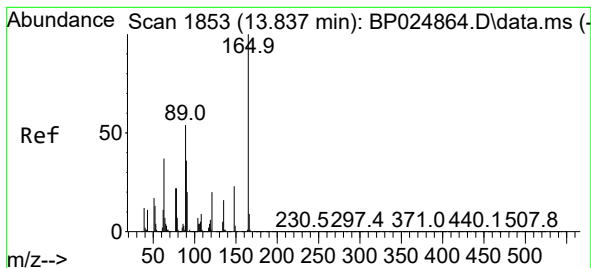
Tgt Ion:152 Resp: 2735395
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 46.651 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:163 Resp: 2128208
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.0 12.0

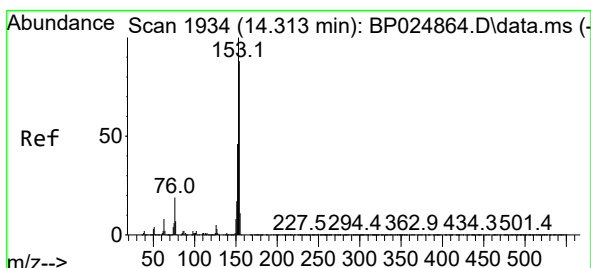
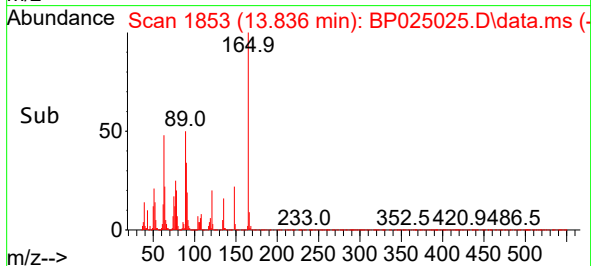
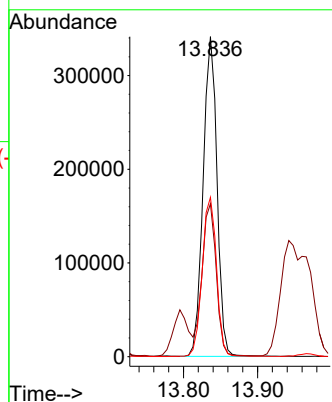
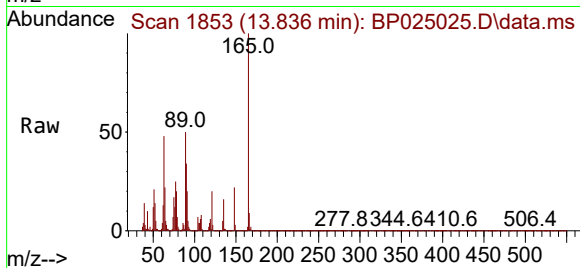




#51
2,6-Dinitrotoluene
Concen: 45.150 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

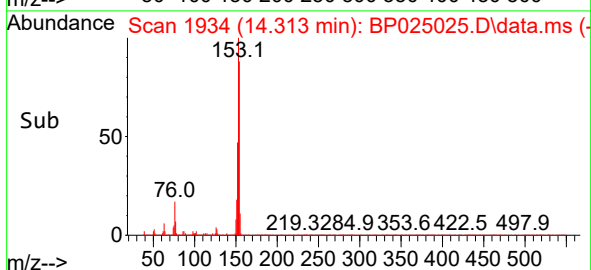
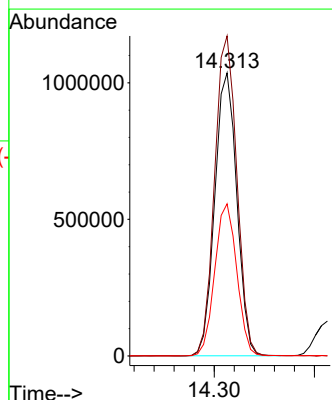
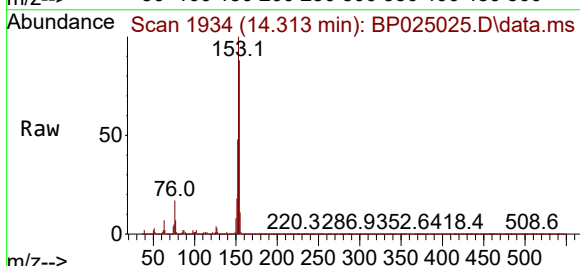
Instrument :
BNA_P
ClientSampleId :
3897MS

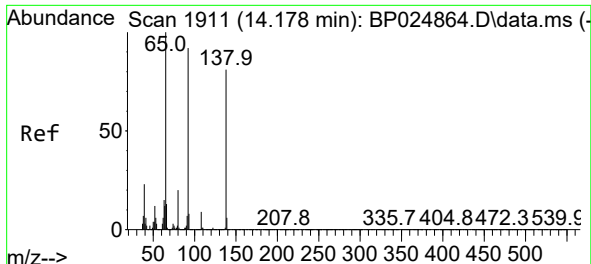
Tgt Ion:165 Resp: 444042
Ion Ratio Lower Upper
165 100
63 47.8 41.8 62.8
89 49.8 43.1 64.7



#52
Acenaphthene
Concen: 47.964 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:154 Resp: 1582963
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 53.8 42.1 63.1

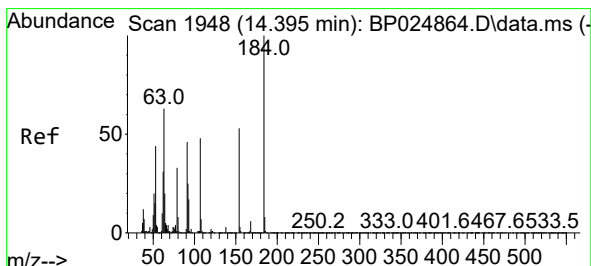
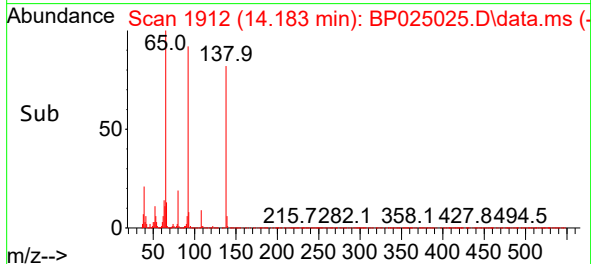
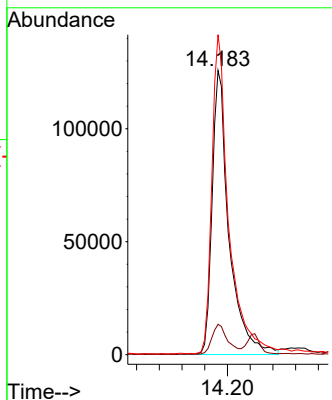
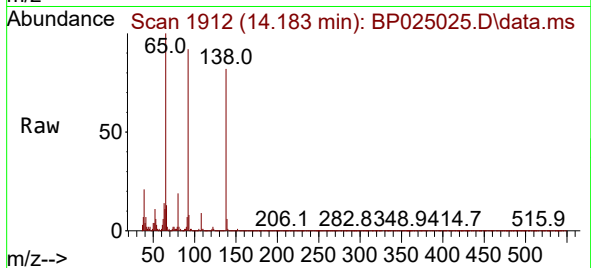




#53
3-Nitroaniline
Concen: 25.332 ng
RT: 14.183 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

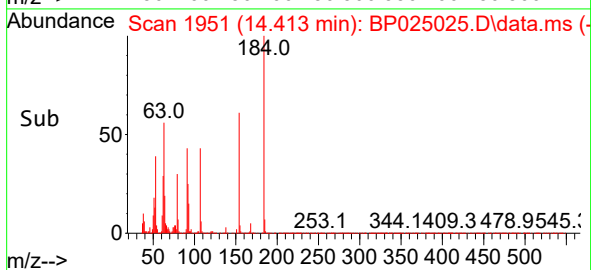
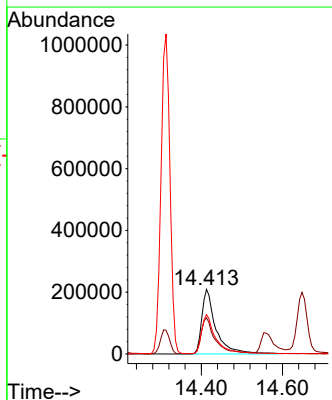
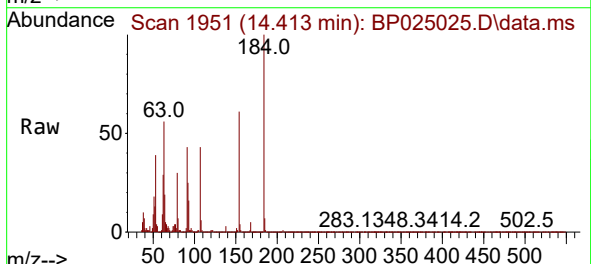
Instrument :
BNA_P
ClientSampleId :
3897MS

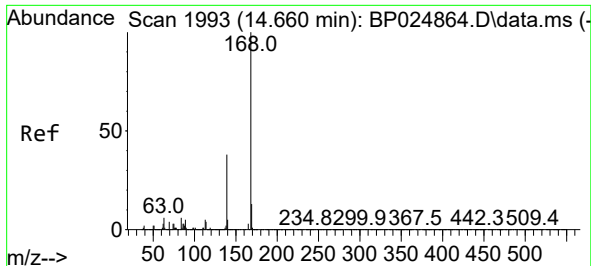
Tgt Ion:138 Resp: 258543
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 112.6 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 78.769 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:184 Resp: 503849
Ion Ratio Lower Upper
184 100
63 56.1 51.0 76.4
154 60.9 51.7 77.5

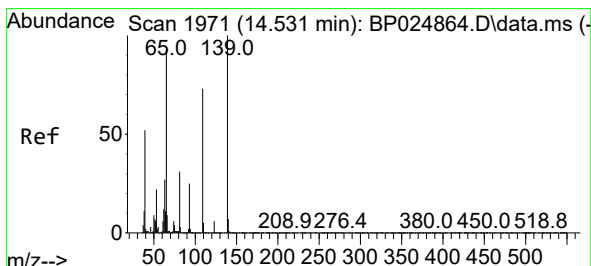
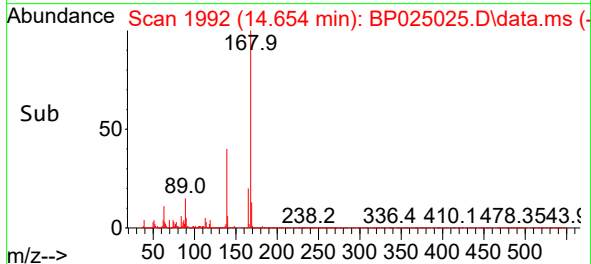
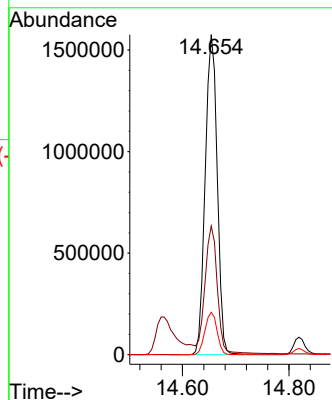
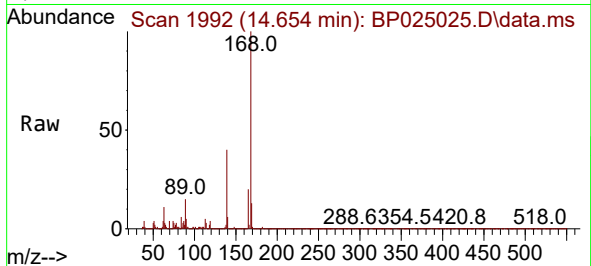




#55
Dibenzenofuran
Concen: 46.438 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

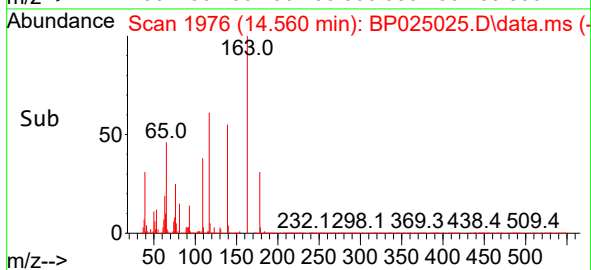
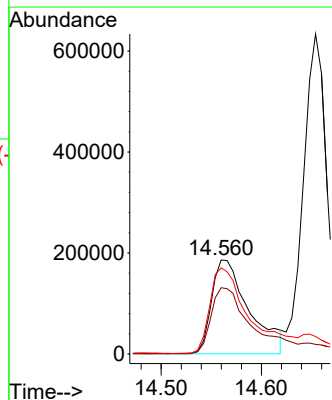
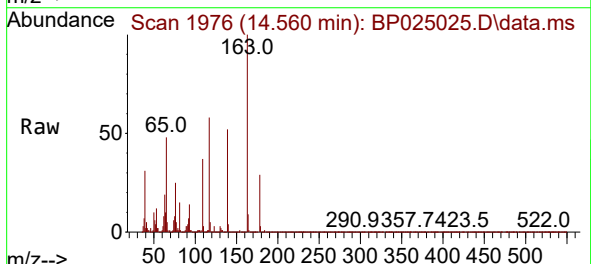
Instrument :
BNA_P
ClientSampleId :
3897MS

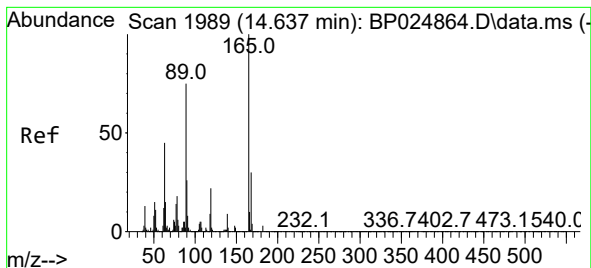
Tgt Ion:168 Resp: 2460106
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 57.411 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:139 Resp: 481895
Ion Ratio Lower Upper
139 100
109 70.6 53.1 93.1
65 91.5 73.0 113.0

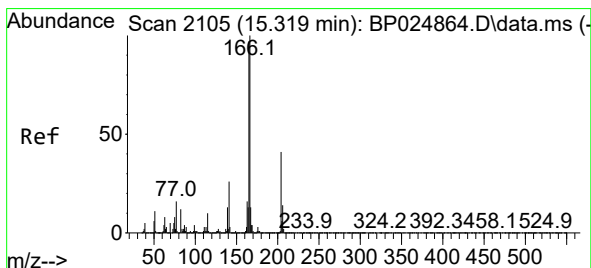
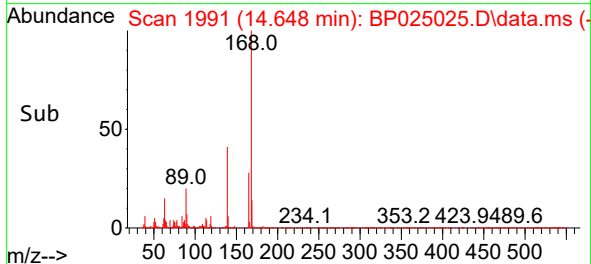
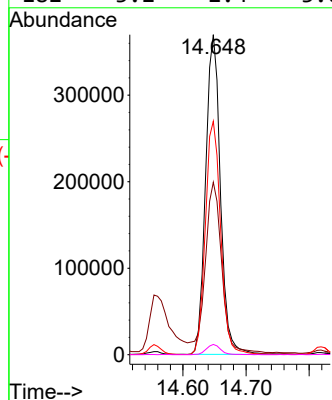
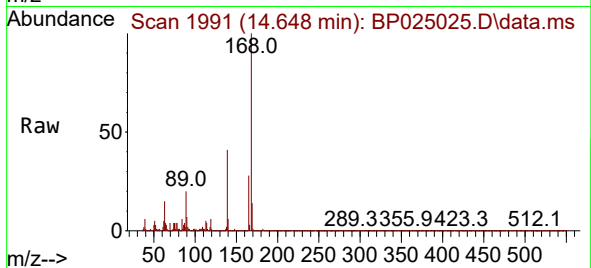




#57
2,4-Dinitrotoluene
Concen: 43.650 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

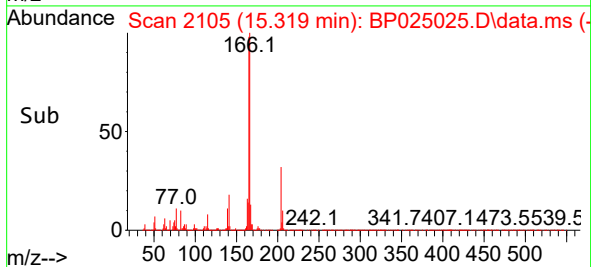
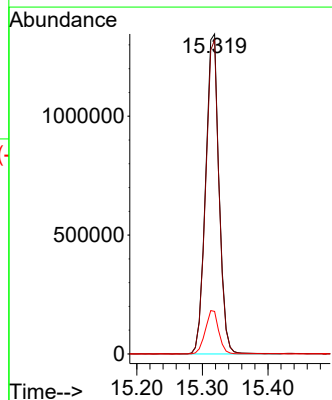
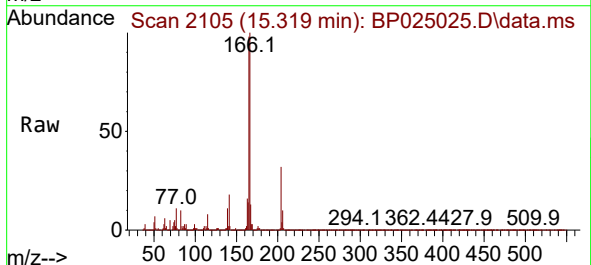
Instrument :
BNA_P
ClientSampleId :
3897MS

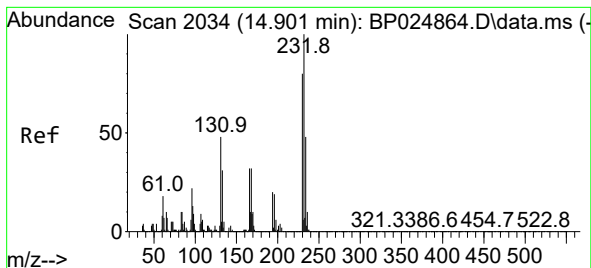
Tgt Ion:165 Resp: 600508
Ion Ratio Lower Upper
165 100
63 53.9 37.0 55.6
89 73.0 60.1 90.1
182 3.2 2.4 3.6



#58
Fluorene
Concen: 44.814 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:166 Resp: 1917848
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.3 10.6 16.0

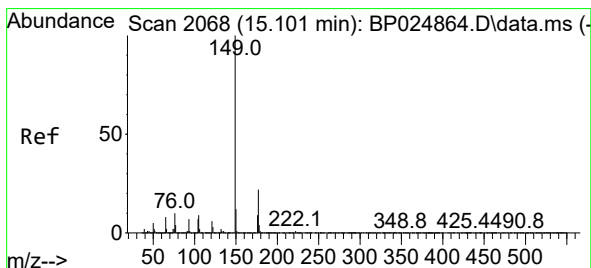
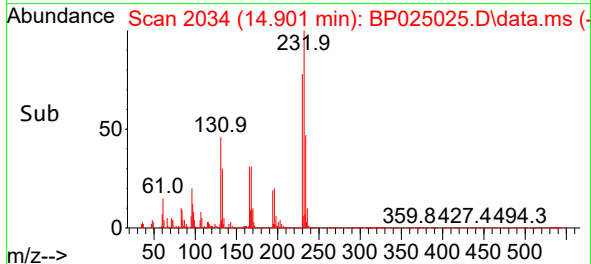
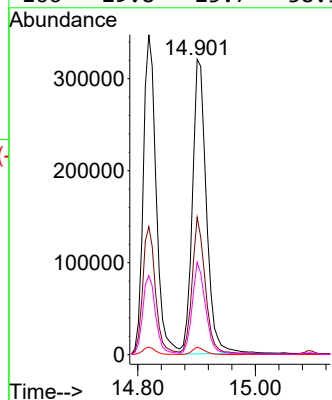
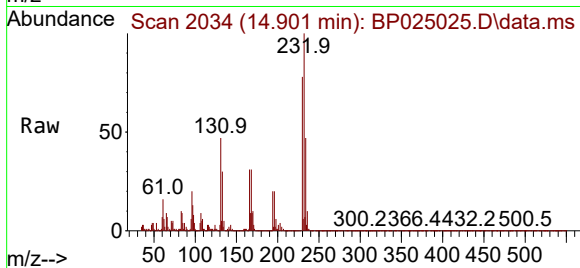




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.931 ng
RT: 14.901 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

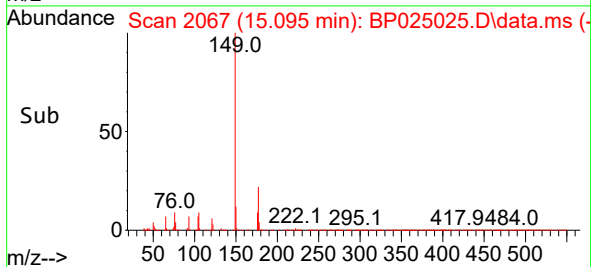
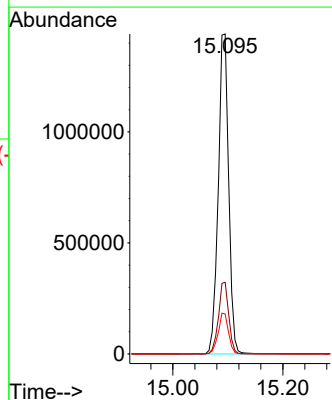
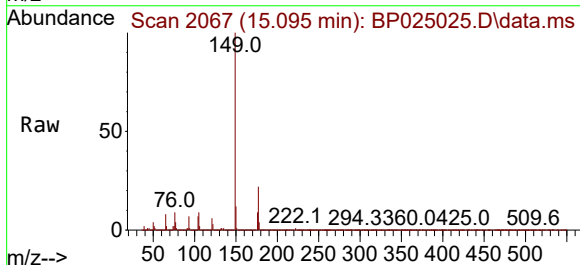
Instrument :
BNA_P
ClientSampleId :
3897MS

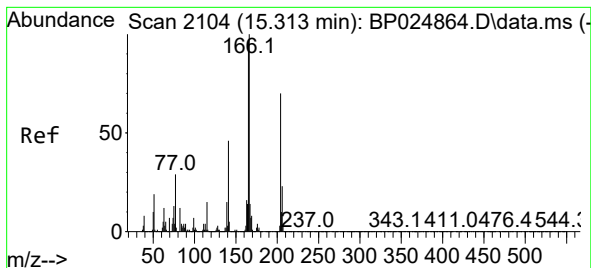
Tgt Ion:232 Resp: 529216
Ion Ratio Lower Upper
232 100
131 43.8 38.2 57.2
130 2.4 2.1 3.1
166 29.8 25.7 38.5



#60
Diethylphthalate
Concen: 41.819 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:149 Resp: 1901345
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.5 9.8 14.6

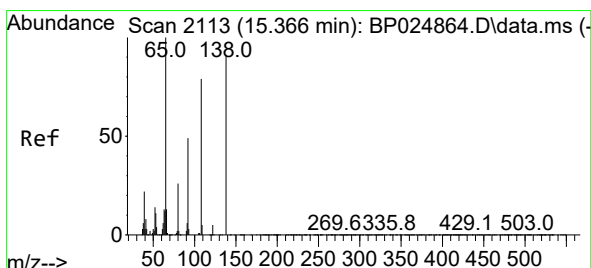
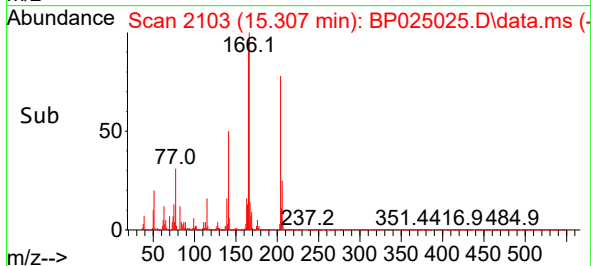
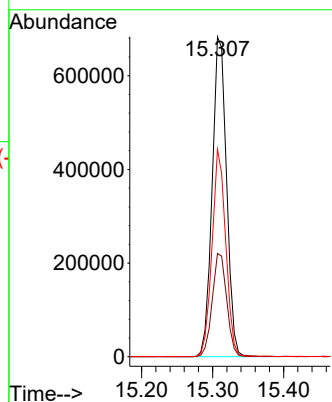
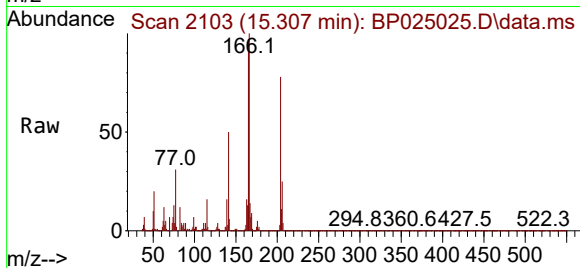




#61
4-Chlorophenyl-phenylether
Concen: 45.798 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

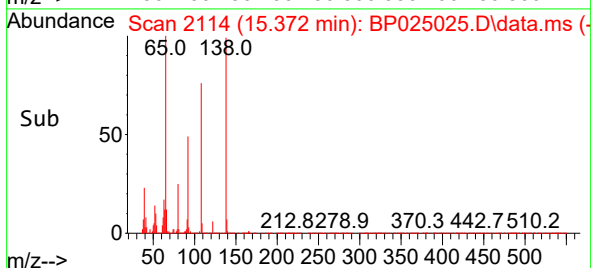
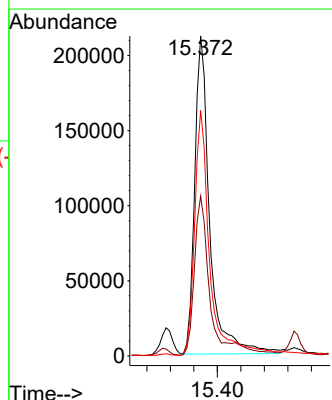
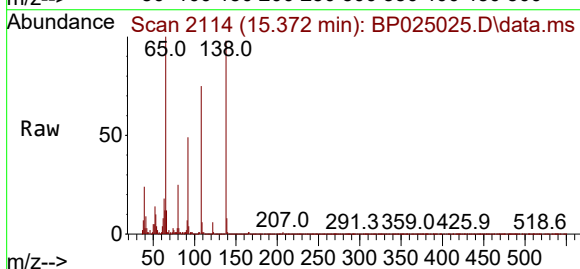
Instrument :
BNA_P
ClientSampleId :
3897MS

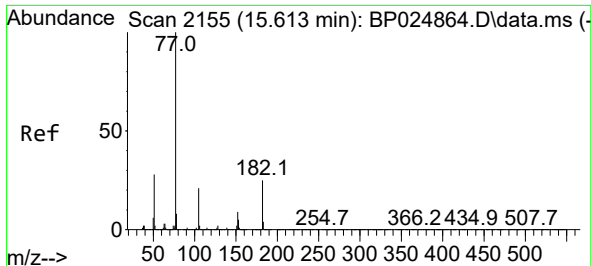
Tgt Ion:204 Resp: 958325
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 40.609 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:138 Resp: 375800
Ion Ratio Lower Upper
138 100
92 50.0 33.5 73.5
108 76.7 65.1 105.1

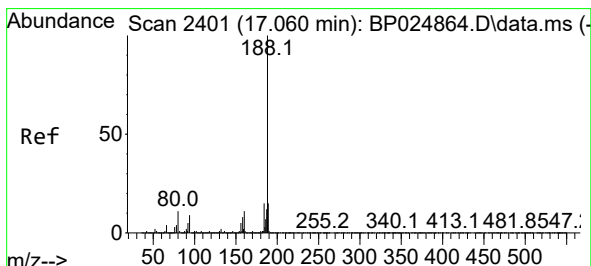
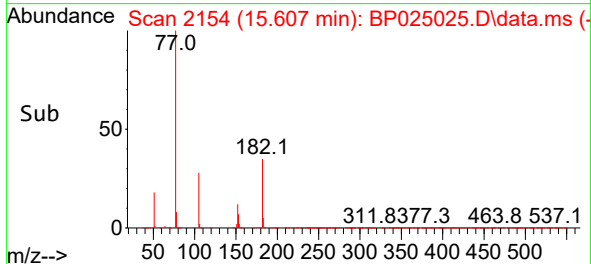
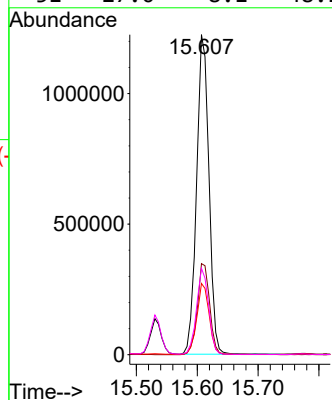
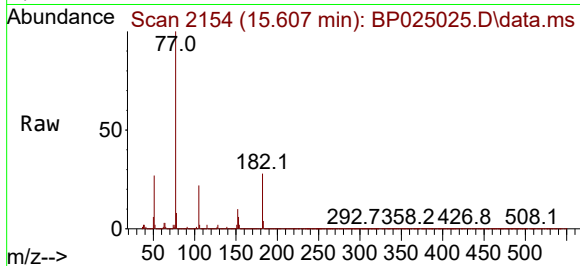




#63
Azobenzene
Concen: 41.415 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

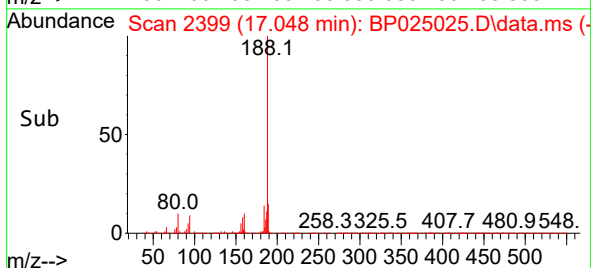
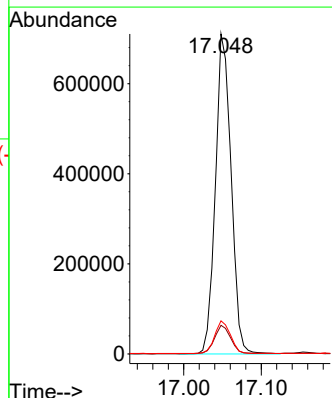
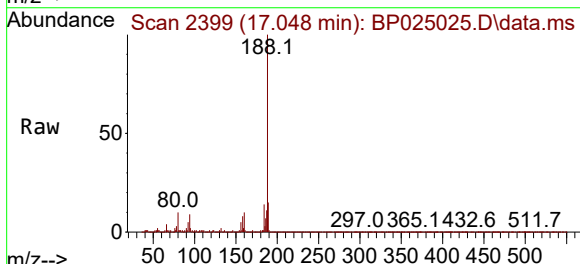
Instrument :
BNA_P
ClientSampleId :
3897MS

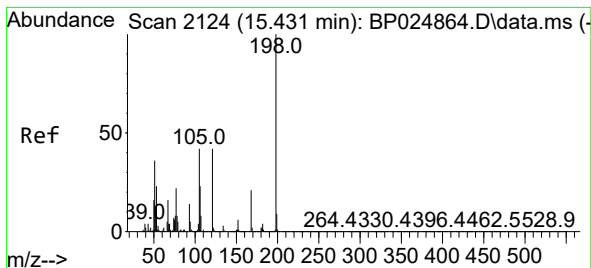
Tgt Ion: 77 Resp: 1726931
Ion Ratio Lower Upper
77 100
182 28.5 5.4 45.4
105 22.2 0.8 40.8
51 27.0 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:188 Resp: 1000861
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.3 8.5 12.7

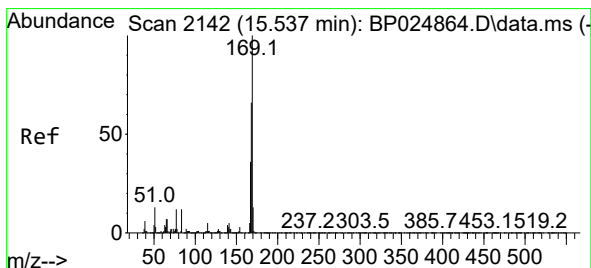
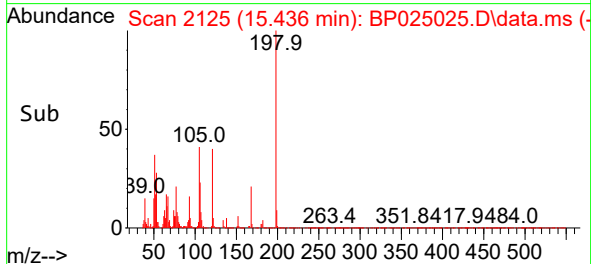
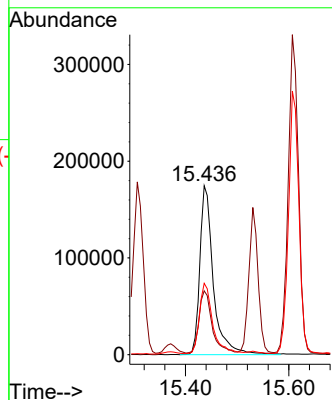
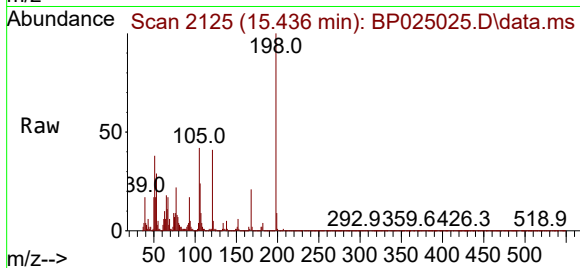




#65
4,6-Dinitro-2-methylphenol
Concen: 48.155 ng
RT: 15.436 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

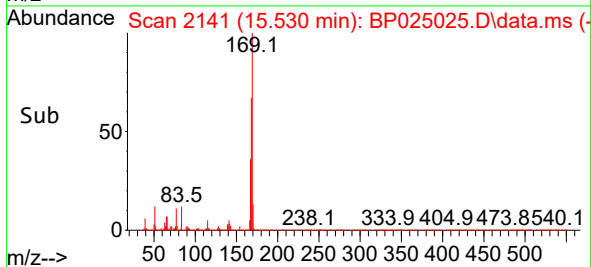
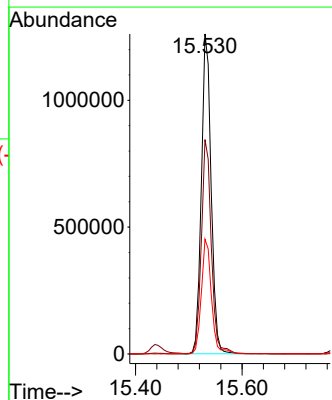
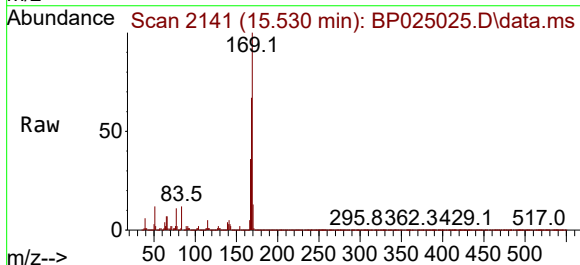
Instrument :
BNA_P
ClientSampleId :
3897MS

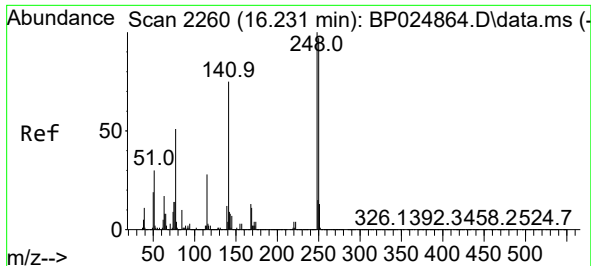
Tgt Ion:198 Resp: 316693
Ion Ratio Lower Upper
198 100
51 37.8 19.2 59.2
105 42.3 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 51.537 ng
RT: 15.530 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:169 Resp: 1598777
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 35.9 28.6 43.0

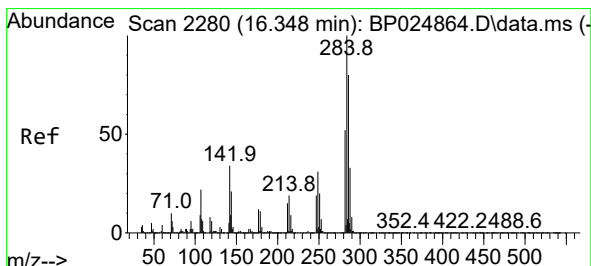
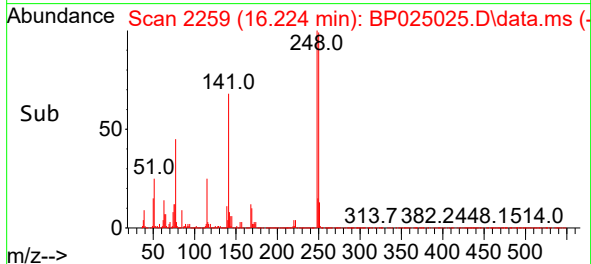
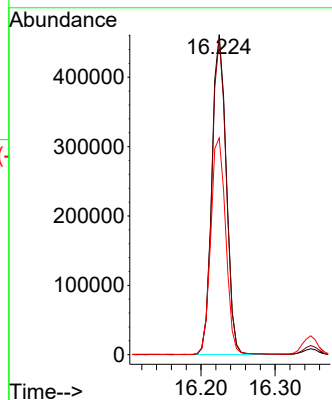
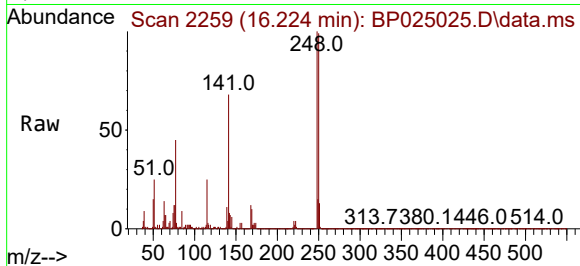




#67
4-Bromophenyl-phenylether
Concen: 55.067 ng
RT: 16.224 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

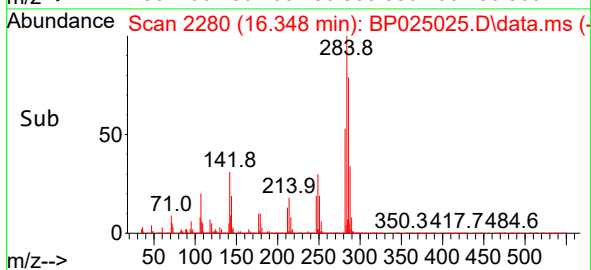
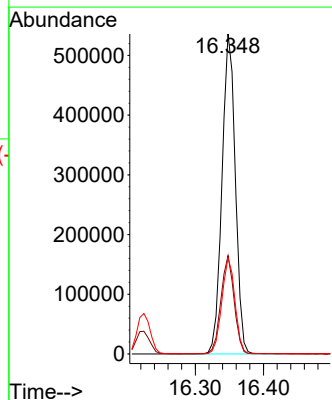
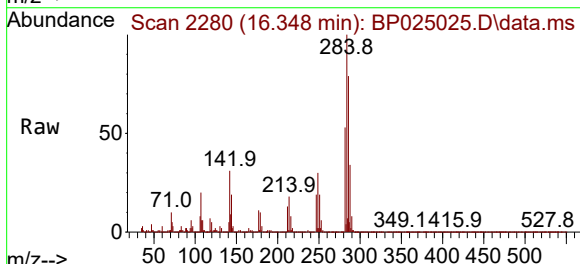
Instrument :
BNA_P
ClientSampleId :
3897MS

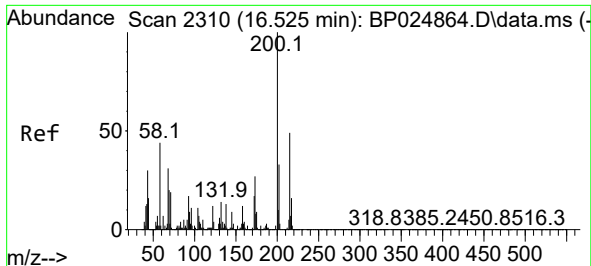
Tgt Ion:248 Resp: 621876
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 67.8 59.9 89.9



#68
Hexachlorobenzene
Concen: 53.243 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:284 Resp: 728919
Ion Ratio Lower Upper
284 100
142 30.7 27.0 40.6
249 30.1 25.0 37.6

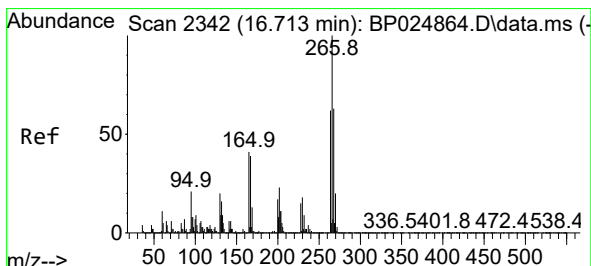
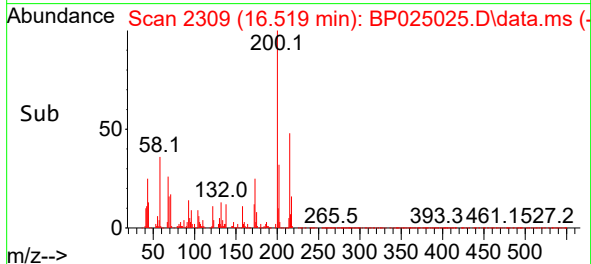
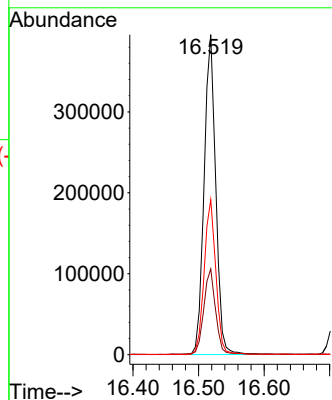
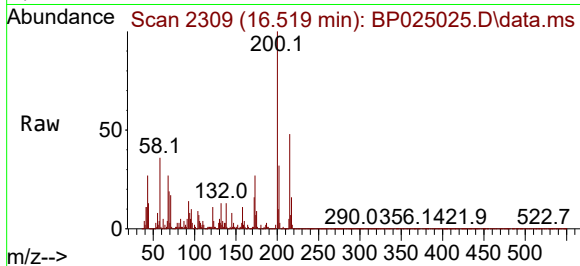




#69
 Atrazine
 Concen: 43.502 ng
 RT: 16.519 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025025.D
 Acq: 20 Jun 2025 19:47

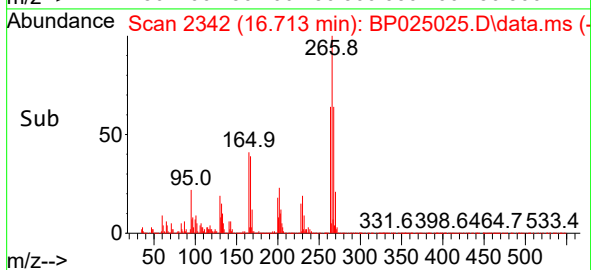
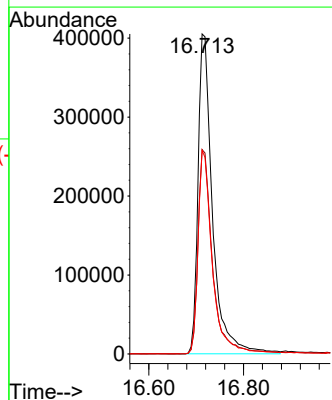
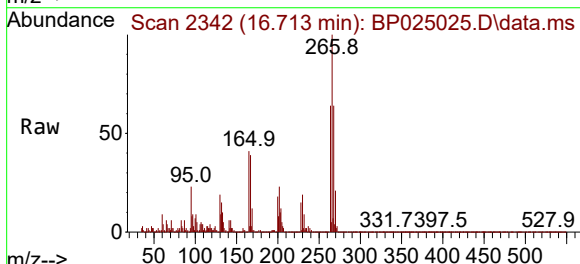
Instrument :
 BNA_P
 ClientSampleId :
 3897MS

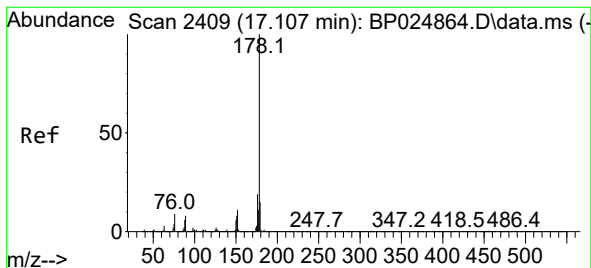
Tgt Ion:200 Resp: 489225
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.9 46.9
 215 48.4 28.7 68.7



#70
 Pentachlorophenol
 Concen: 121.587 ng
 RT: 16.713 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: BP025025.D
 Acq: 20 Jun 2025 19:47

Tgt Ion:266 Resp: 861500
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.6 76.0
 264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 49.235 ng

RT: 17.095 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

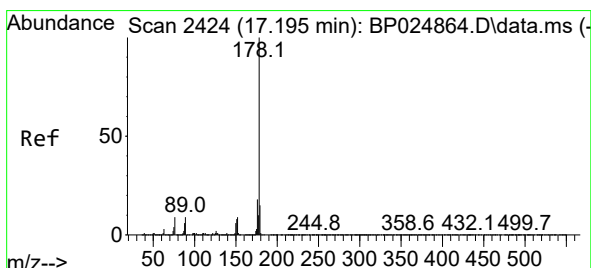
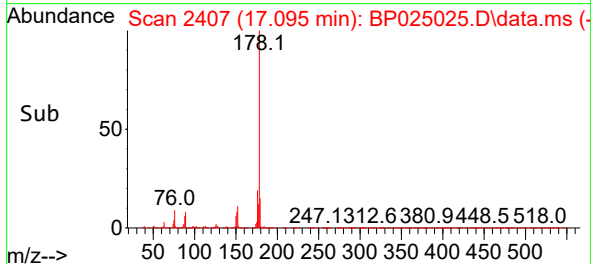
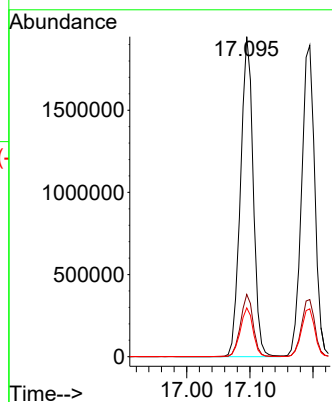
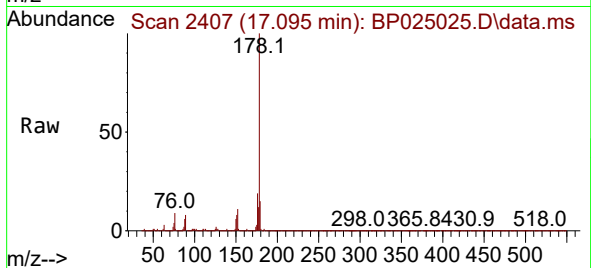
Tgt Ion:178 Resp: 2723147

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.2 12.1 18.1



#72

Anthracene

Concen: 49.349 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

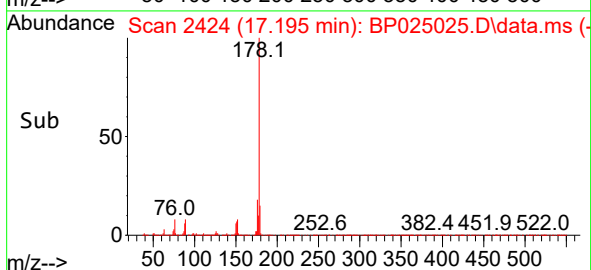
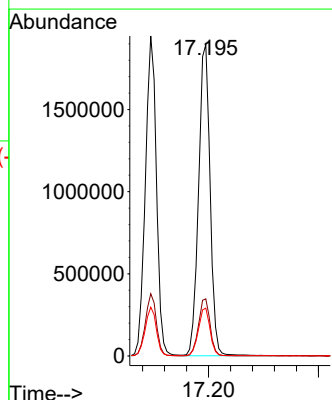
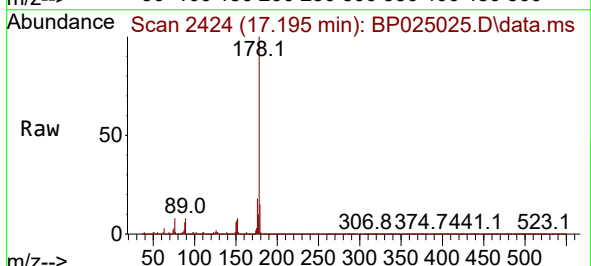
Tgt Ion:178 Resp: 2764285

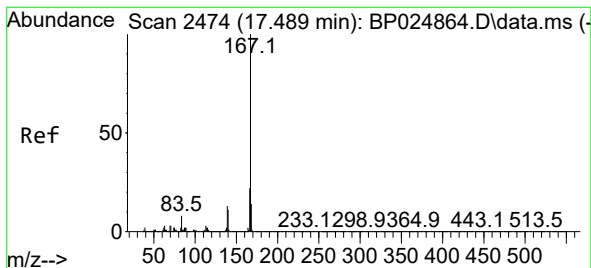
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.4 12.3 18.5





#73

Carbazole

Concen: 48.156 ng

RT: 17.477 min Scan# 2474

Delta R.T. -0.012 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

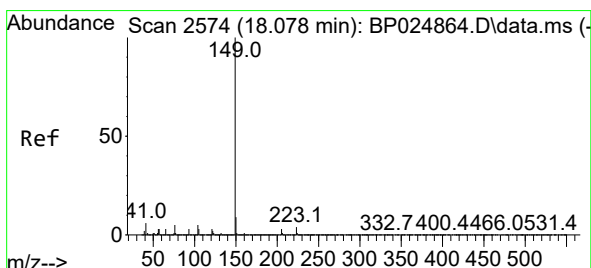
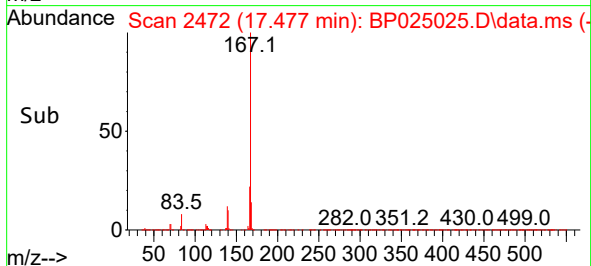
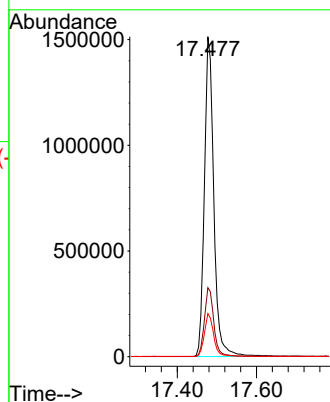
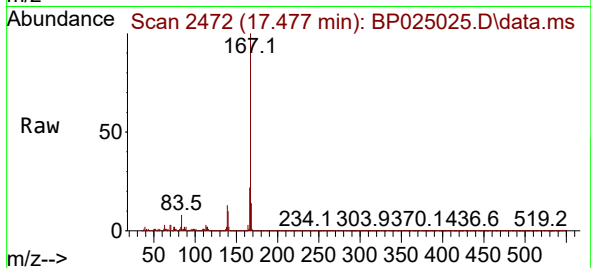
Tgt Ion:167 Resp: 2500293

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.289 ng

RT: 18.060 min Scan# 2571

Delta R.T. -0.018 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

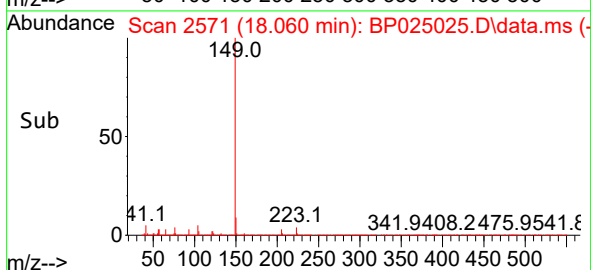
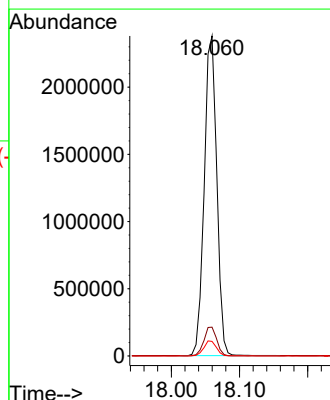
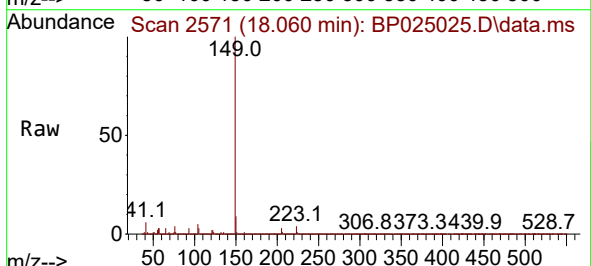
Tgt Ion:149 Resp: 3042026

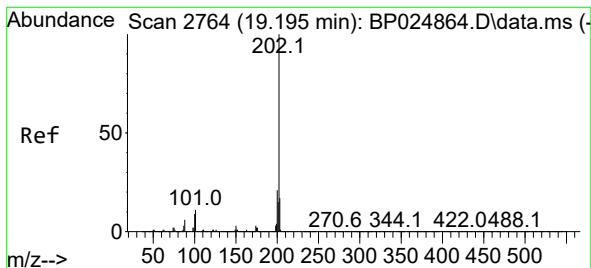
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.6 4.2 6.2





#75

Fluoranthene

Concen: 47.137 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

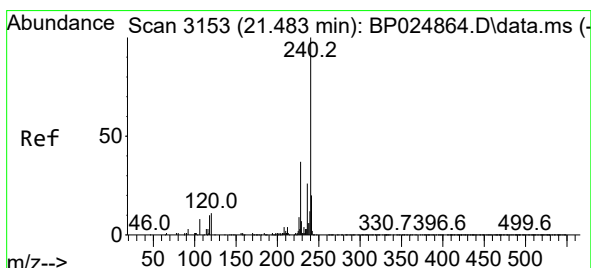
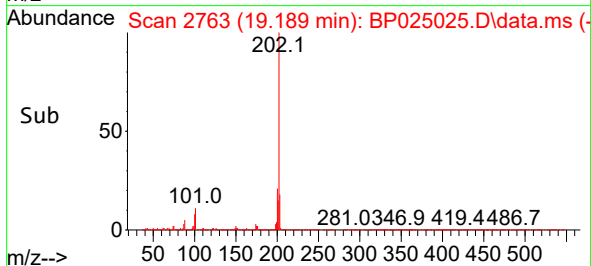
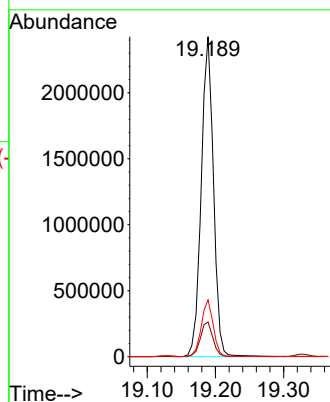
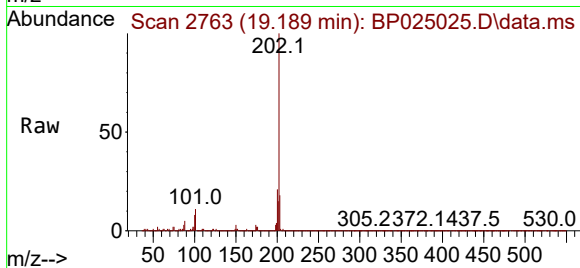
Tgt Ion:202 Resp: 3021753

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

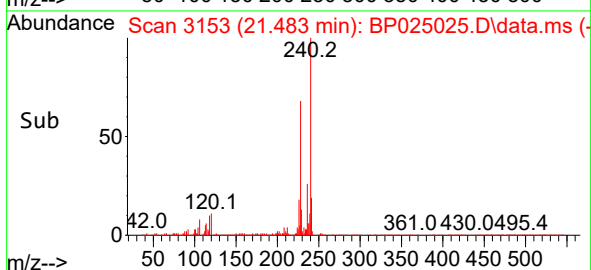
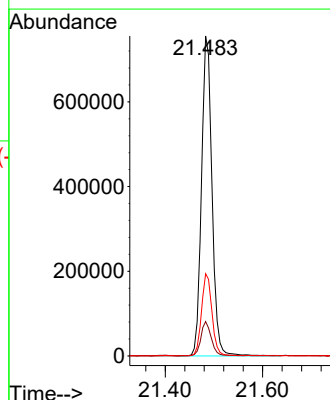
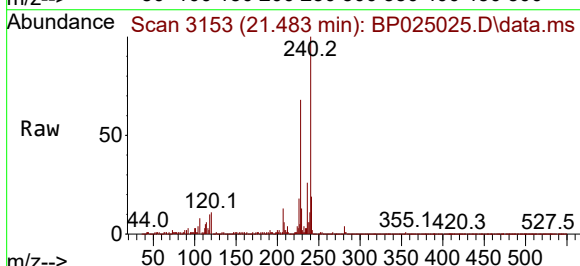
Tgt Ion:240 Resp: 1130915

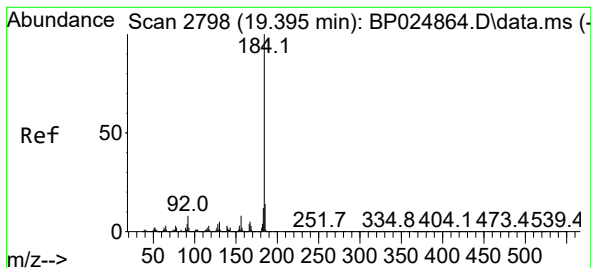
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.7 20.9 31.3





#77

Benzidine

Concen: 51.506 ng

RT: 19.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

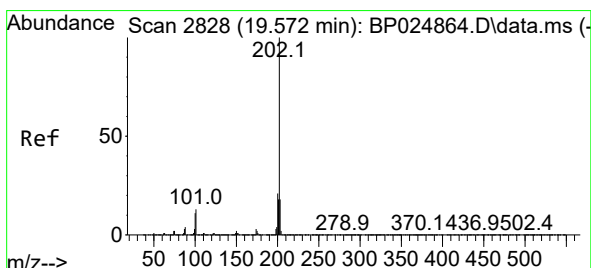
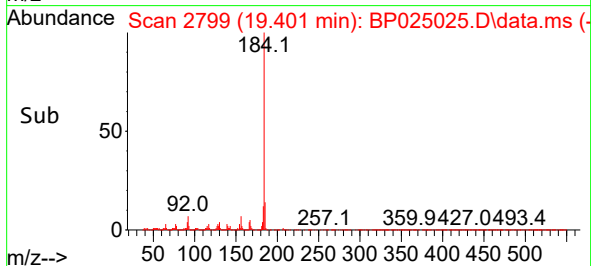
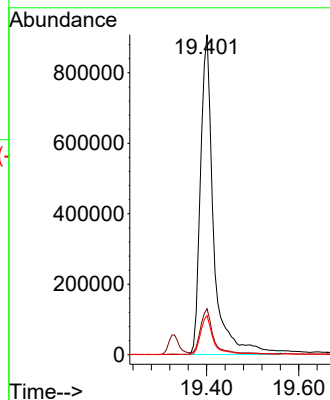
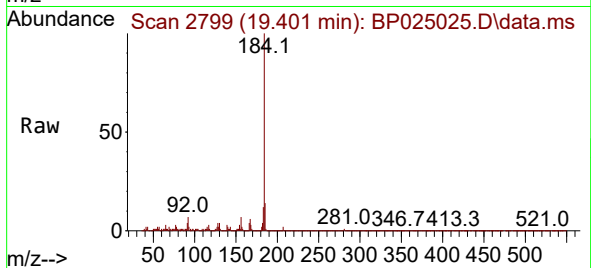
Tgt Ion:184 Resp: 1804036

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 12.2 9.5 14.3



#78

Pyrene

Concen: 44.634 ng

RT: 19.565 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

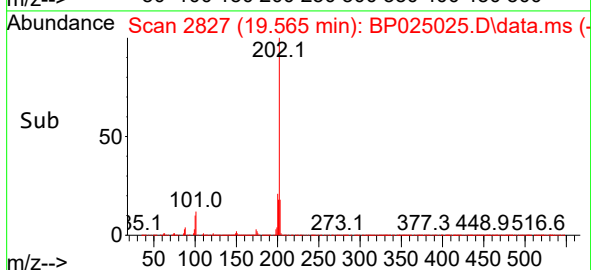
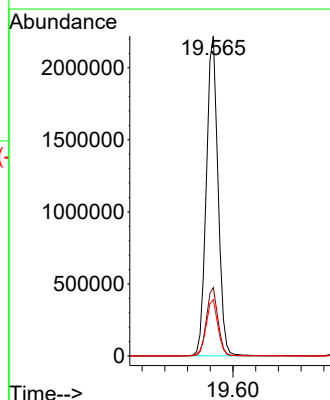
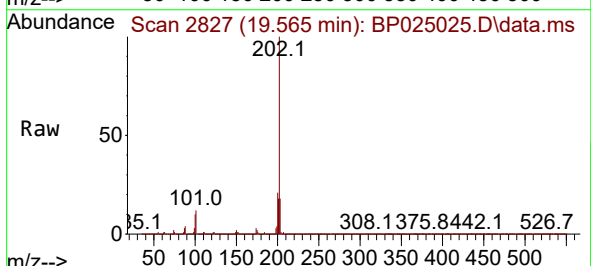
Tgt Ion:202 Resp: 3153553

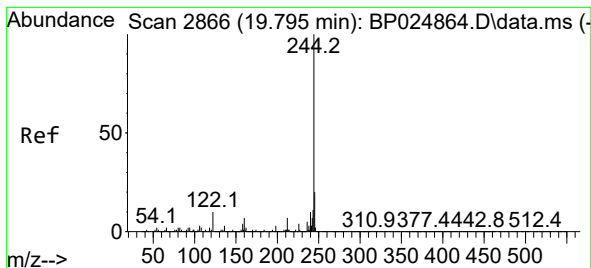
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 78.422 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

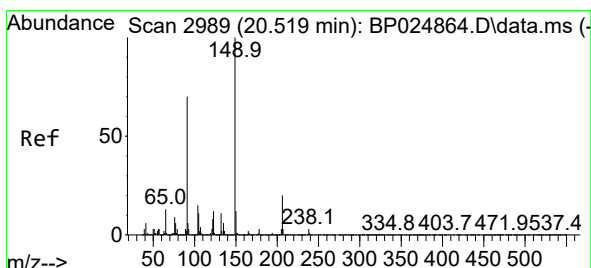
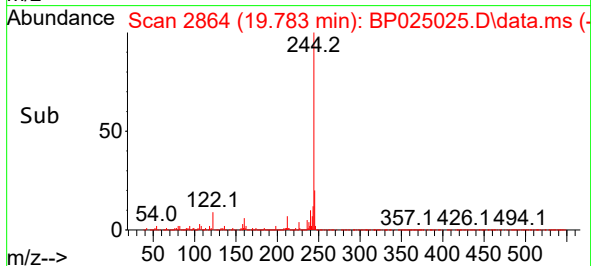
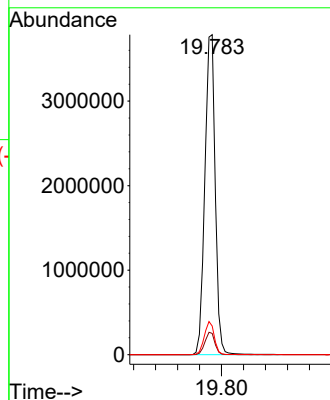
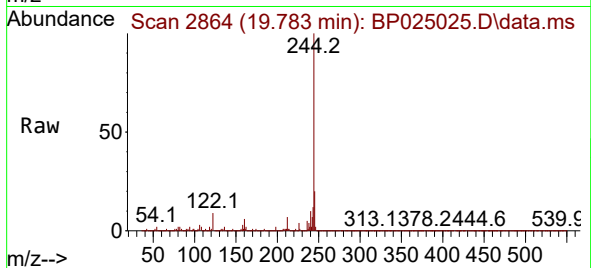
Tgt Ion:244 Resp: 4948483

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 44.422 ng

RT: 20.512 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

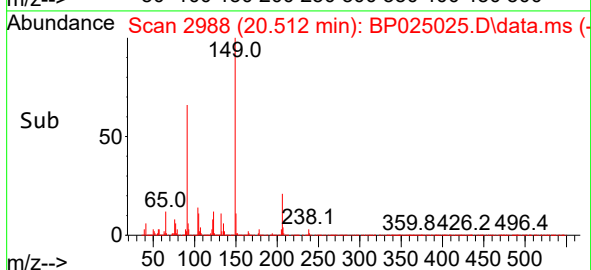
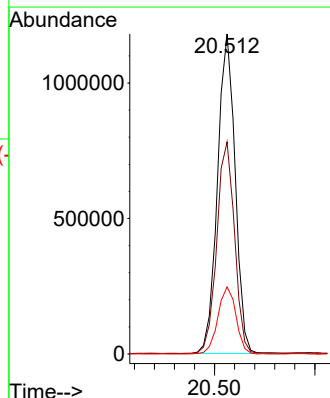
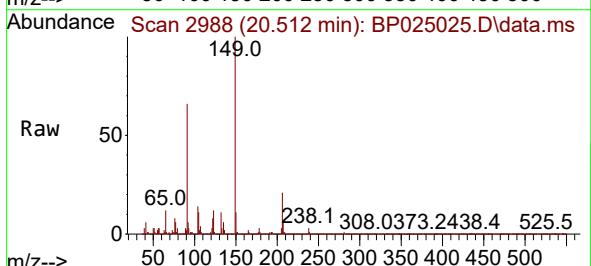
Tgt Ion:149 Resp: 1437634

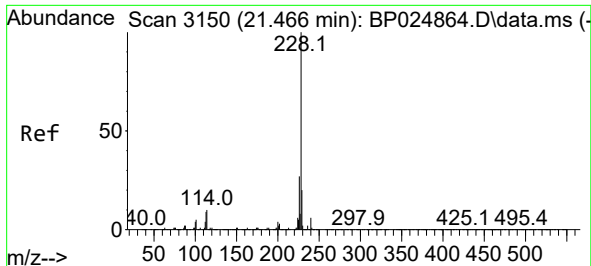
Ion Ratio Lower Upper

149 100

91 66.3 55.8 83.8

206 21.0 16.2 24.2

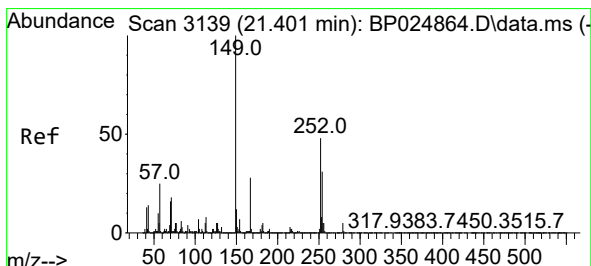
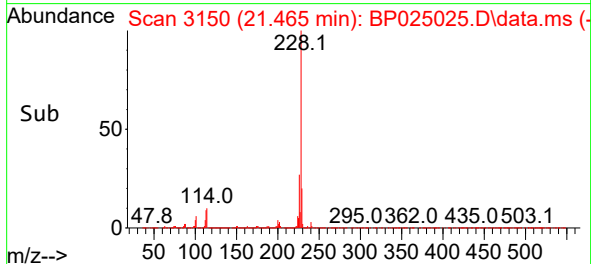
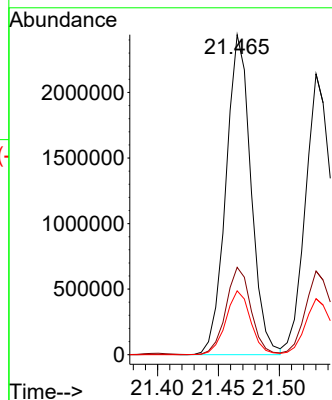
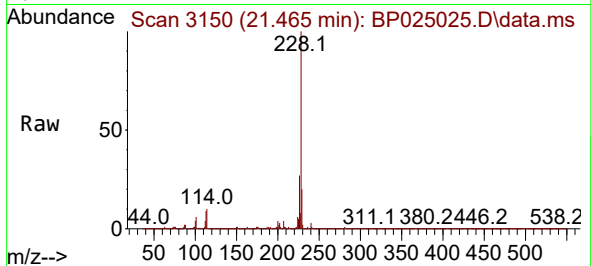




#81
Benzo(a)anthracene
Concen: 48.337 ng
RT: 21.465 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

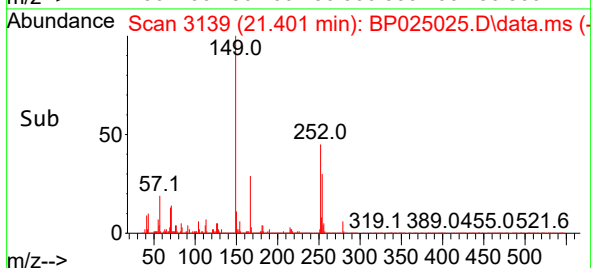
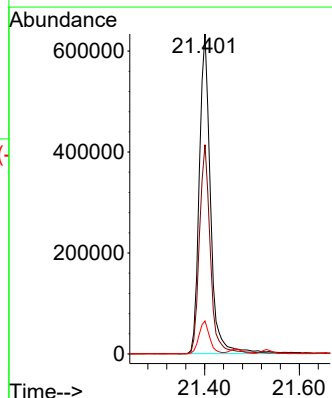
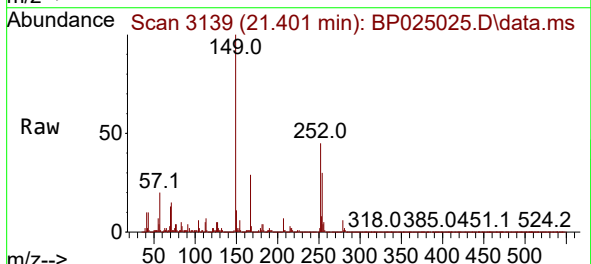
Instrument :
BNA_P
ClientSampleId :
3897MS

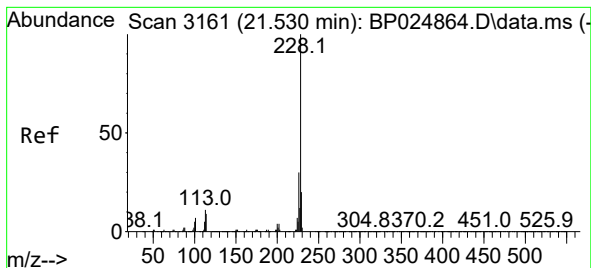
Tgt Ion:228 Resp: 3496253
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.330 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP025025.D
Acq: 20 Jun 2025 19:47

Tgt Ion:252 Resp: 1043252
Ion Ratio Lower Upper
252 100
254 65.4 51.2 76.8
126 10.3 8.6 12.8





#83

Chrysene

Concen: 48.984 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

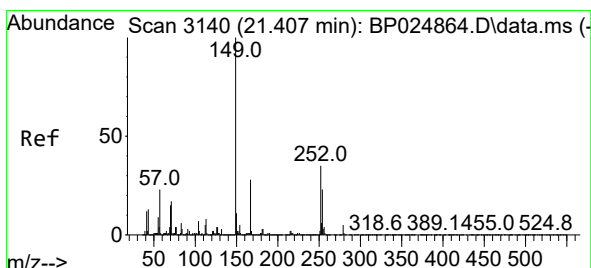
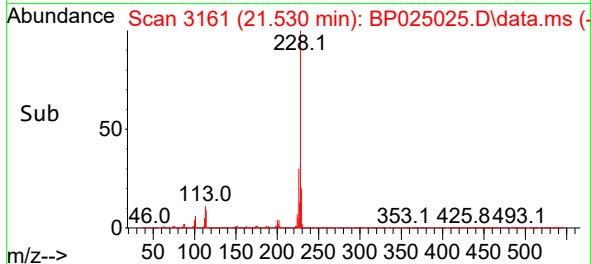
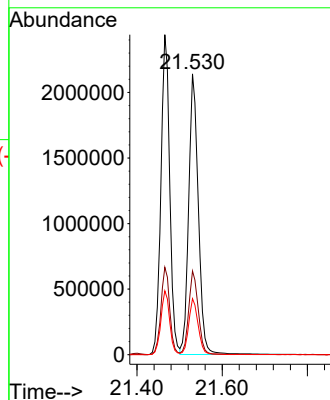
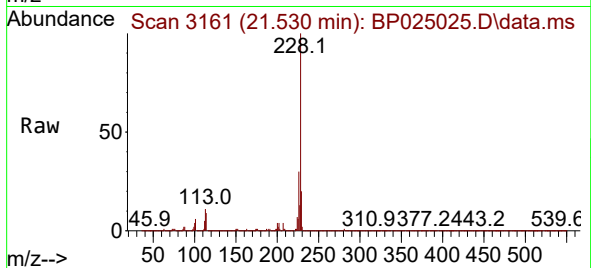
Tgt Ion:228 Resp: 3357164

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.134 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

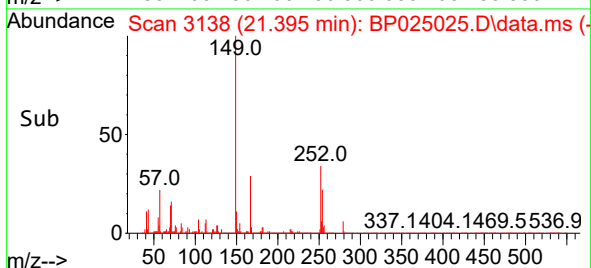
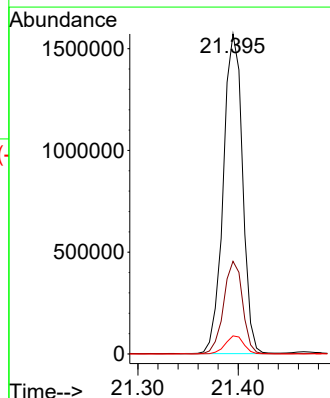
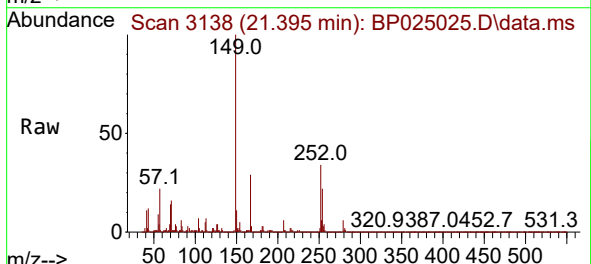
Tgt Ion:149 Resp: 2092786

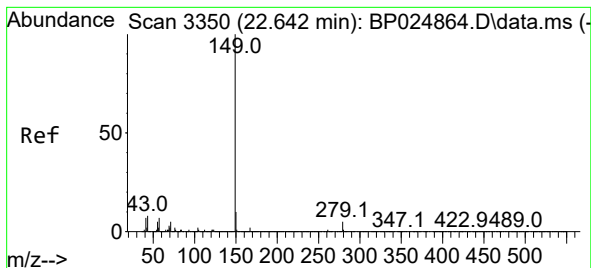
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

279 5.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.155 ng

RT: 22.636 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

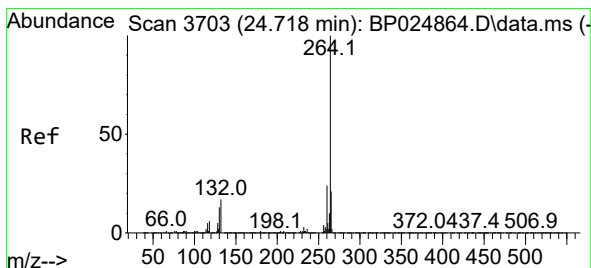
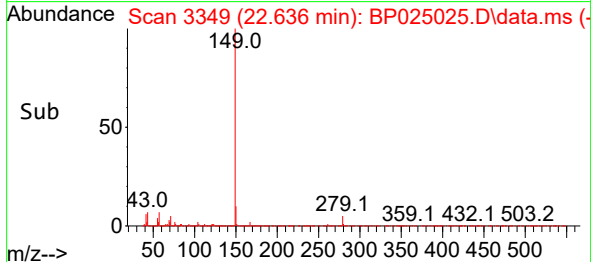
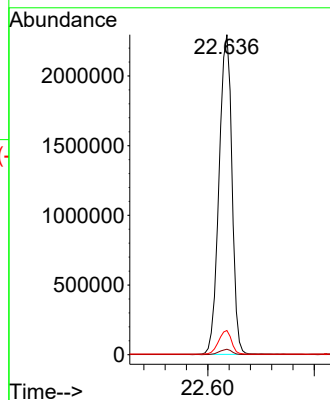
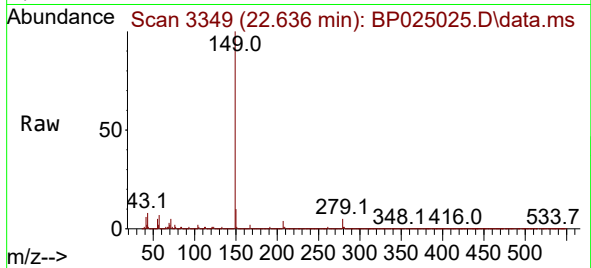
Tgt Ion:149 Resp: 3853962

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

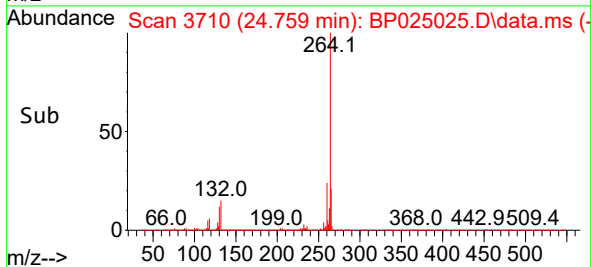
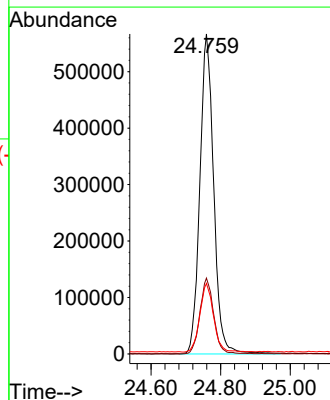
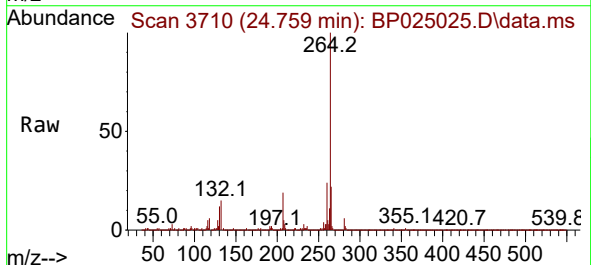
Tgt Ion:264 Resp: 1562878

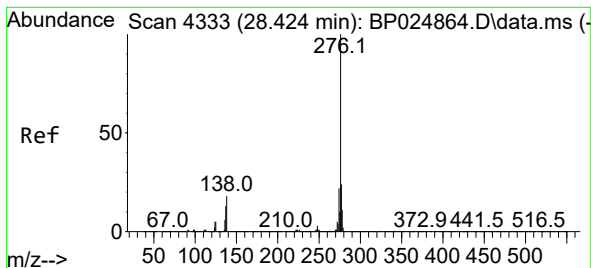
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.037 ng

RT: 28.465 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

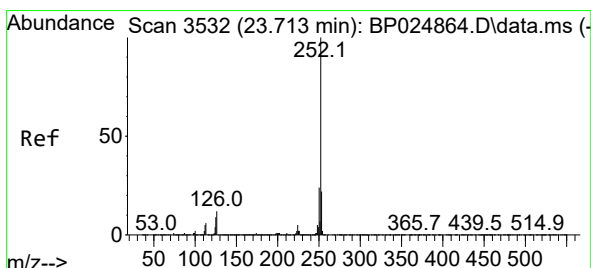
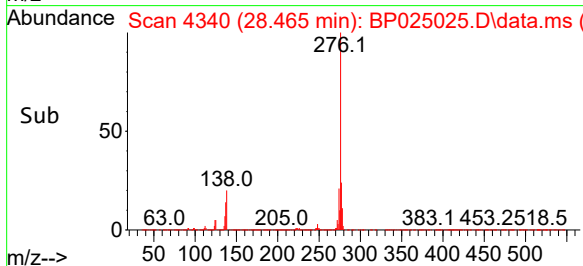
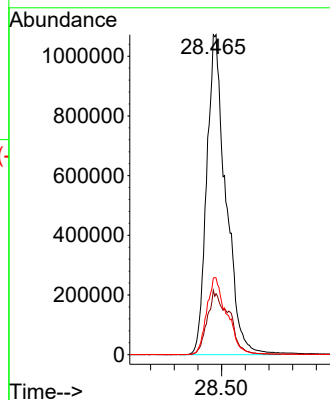
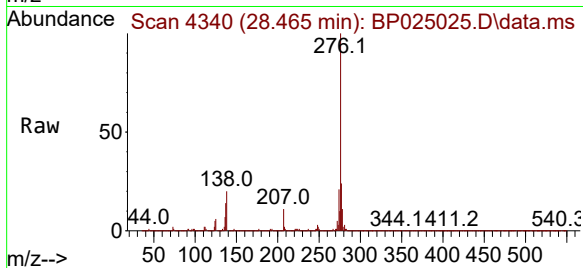
Tgt Ion:276 Resp: 6047846

Ion Ratio Lower Upper

276 100

138 22.7 18.6 27.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.094 ng

RT: 23.718 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

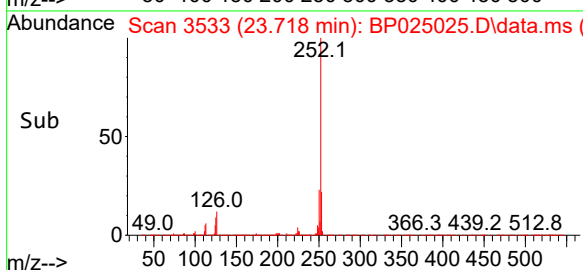
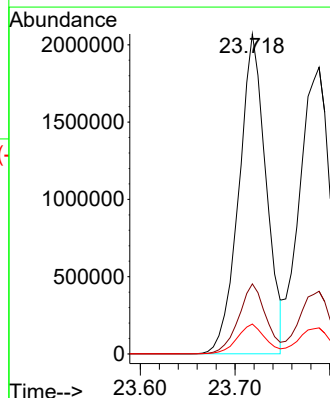
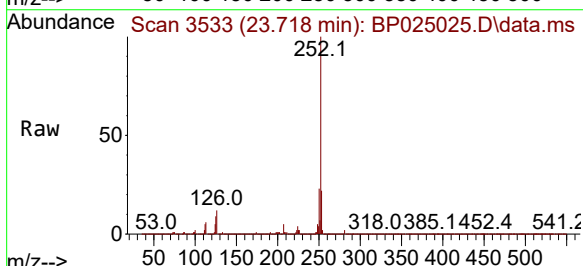
Tgt Ion:252 Resp: 4122862

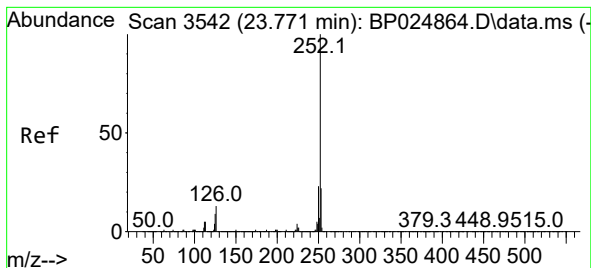
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.663 ng

RT: 23.789 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

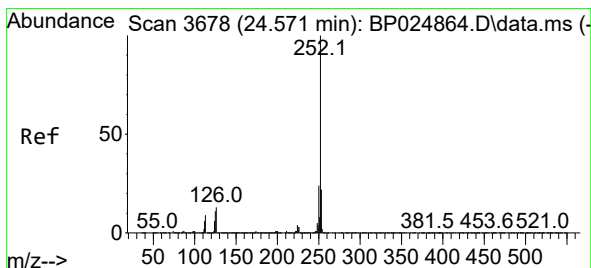
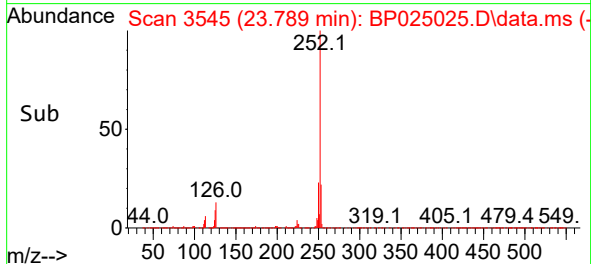
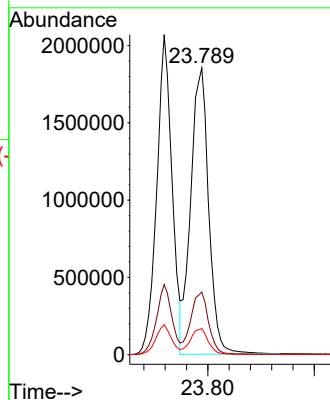
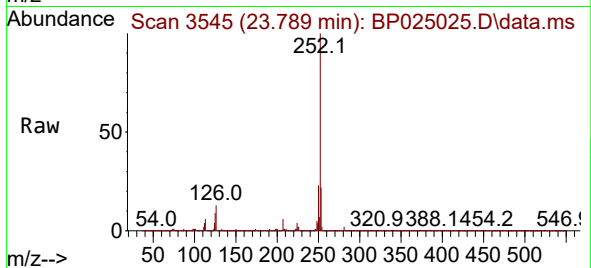
Tgt Ion:252 Resp: 4339494

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.887 ng

RT: 24.600 min Scan# 3683

Delta R.T. 0.029 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

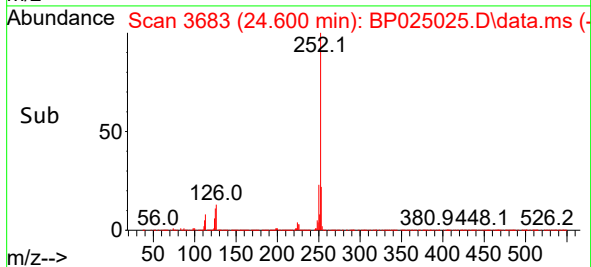
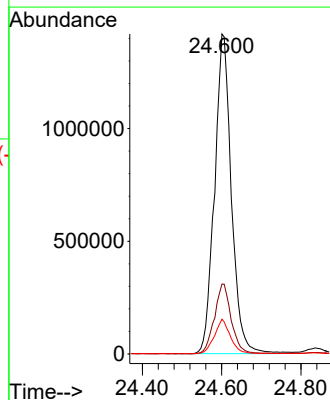
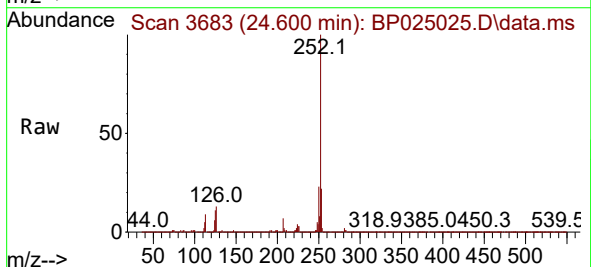
Tgt Ion:252 Resp: 4182936

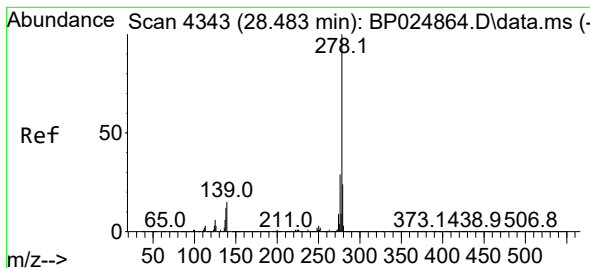
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.104 ng

RT: 28.541 min Scan# 41

Delta R.T. 0.058 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Instrument :

BNA_P

ClientSampleId :

3897MS

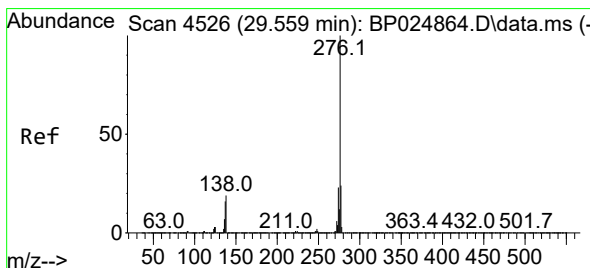
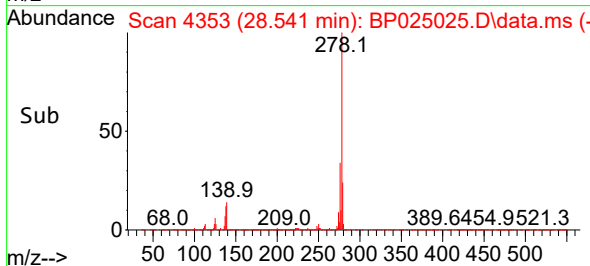
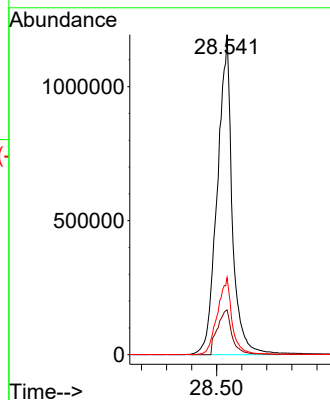
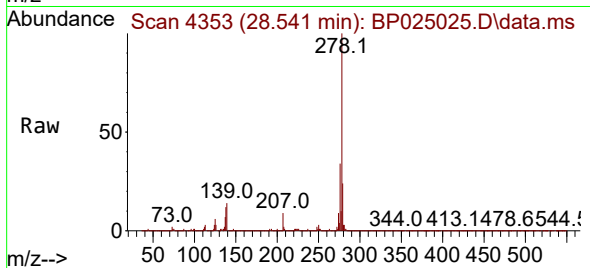
Tgt Ion:278 Resp: 4929009

Ion Ratio Lower Upper

278 100

139 14.0 12.0 18.0

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.127 ng

RT: 29.618 min Scan# 4536

Delta R.T. 0.059 min

Lab File: BP025025.D

Acq: 20 Jun 2025 19:47

Tgt Ion:276 Resp: 4892657

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.3 15.4 23.2

