

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025173.D
 Acq On : 17 Jul 2025 11:26
 Operator : CG/JU
 Sample : PB168875BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168875BS

Quant Time: Jul 17 11:57:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	573459	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2200322	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1403172	20.000	ng	0.00
64) Phenanthrene-d10	16.925	188	2849469	20.000	ng	0.02
76) Chrysene-d12	21.366	240	2923114	20.000	ng	0.02
86) Perylene-d12	24.501	264	3399638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4157557	128.459	ng	0.00
7) Phenol-d6	6.649	99	5007638	118.564	ng	0.02
23) Nitrobenzene-d5	8.578	82	3009478	90.962	ng	0.01
42) 2,4,6-Tribromophenol	15.625	330	2599734	156.836	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7801050	86.127	ng	0.00
79) Terphenyl-d14	19.677	244	12222378	91.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	446773	35.500	ng	98
3) Pyridine	3.490	79	1247879	36.217	ng	97
4) n-Nitrosodimethylamine	3.402	42	573534	39.313	ng	91
6) Aniline	6.784	93	2000864	50.704	ng	99
8) 2-Chlorophenol	7.019	128	1712777	47.299	ng	99
9) Benzaldehyde	6.602	77	998604	45.273	ng	98
10) Phenol	6.672	94	1917826	44.689	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1417287	42.912	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1840844	45.422	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1864116	45.430	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1799120	45.580	ng	99
15) Benzyl Alcohol	7.678	79	1292442	45.848	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1794034	41.775	ng	97
17) 2-Methylphenol	7.884	107	1323497	47.876	ng	99
18) Hexachloroethane	8.502	117	650538	48.667	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1044602	41.704	ng	96
20) 3+4-Methylphenols	8.207	107	1796704	46.402	ng	99
22) Acetophenone	8.249	105	2265382	43.534	ng	98
24) Nitrobenzene	8.613	77	1559355	46.272	ng	96
25) Isophorone	9.143	82	2972831	48.081	ng	98
26) 2-Nitrophenol	9.313	139	906294	54.909	ng	99
27) 2,4-Dimethylphenol	9.390	122	1546214	67.039	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1902359	45.313	ng	100
29) 2,4-Dichlorophenol	9.849	162	1605908	50.214	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1686690	47.625	ng	99
31) Naphthalene	10.243	128	4896472	43.217	ng	100
32) Benzoic acid	9.543	122	1244662	53.240	ng	96
33) 4-Chloroaniline	10.349	127	1432536	33.881	ng	98
34) Hexachlorobutadiene	10.543	225	1008037	49.598	ng	99
35) Caprolactam	11.137	113	521227m	47.641	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1586588	47.473	ng	98
37) 2-Methylnaphthalene	11.872	142	3189197	39.894	ng	99
38) 1-Methylnaphthalene	12.095	142	3322529	42.616	ng	99
40) 1,2,4,5-Tetrachloroben...	12.254	216	1864625	46.238	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2430324	230.722	ng	99
43) 2,4,6-Trichlorophenol	12.507	196	1333285	54.601	ng	99

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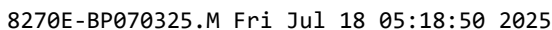
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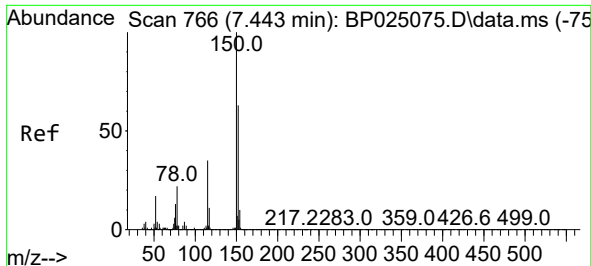
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	1463581	52.887	ng	98
46) 1,1'-Biphenyl	12.919	154	4540455	44.474	ng	99
47) 2-Chloronaphthalene	12.948	162	3500400	45.617	ng	99
48) 2-Nitroaniline	13.154	65	913402	48.559	ng	93
49) Acenaphthylene	13.813	152	5794230	49.336	ng	100
50) Dimethylphthalate	13.566	163	4548585	46.309	ng	99
51) 2,6-Dinitrotoluene	13.678	165	1003824	52.401	ng	91
52) Acenaphthene	14.160	154	3306858	43.686	ng	99
53) 3-Nitroaniline	14.007	138	831009	40.479	ng	100
54) 2,4-Dinitrophenol	14.213	184	1257373	130.649	ng	93
55) Dibenzofuran	14.507	168	5315701	42.552	ng	100
56) 4-Nitrophenol	14.348	139	1980952	104.561	ng	96
57) 2,4-Dinitrotoluene	14.478	165	1413232	50.142	ng	93
58) Fluorene	15.178	166	4211082	43.582	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1305659	52.101	ng	95
60) Diethylphthalate	14.972	149	4504090	45.656	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	2141416	44.782	ng	96
62) 4-Nitroaniline	15.195	138	1138677	52.896	ng	95
63) Azobenzene	15.478	77	3627824	41.297	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	837739	62.676	ng	97
66) n-Nitrosodiphenylamine	15.407	169	3851506	47.230	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1491714	51.129	ng	98
68) Hexachlorobenzene	16.207	284	1767093	49.553	ng	97
69) Atrazine	16.401	200	1472459	61.619	ng	99
70) Pentachlorophenol	16.572	266	2488566	103.331	ng	99
71) Phenanthrene	16.966	178	6849837	44.988	ng	99
72) Anthracene	17.054	178	7047833	48.249	ng	100
73) Carbazole	17.342	167	6653686	46.587	ng	99
74) Di-n-butylphthalate	17.966	149	8146778	51.223	ng	99
75) Fluoranthene	19.072	202	8162635	45.864	ng	99
77) Benzidine	19.266	184	5624106	108.939	ng	98
78) Pyrene	19.448	202	8465334	46.756	ng	99
80) Butylbenzylphthalate	20.424	149	3780983	53.727	ng	100
81) Benzo(a)anthracene	21.348	228	8482051	47.882	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2555924	47.929	ng	100
83) Chrysene	21.407	228	7772130	45.591	ng	99
84) Bis(2-ethylhexyl)phtha...	21.324	149	5418713	57.028	ng	99
85) Di-n-octyl phthalate	22.548	149	9348178	52.936	ng	98
87) Indeno(1,2,3-cd)pyrene	28.059	276	11532356m	53.249	ng	
88) Benzo(b)fluoranthene	23.518	252	9079068	45.883	ng	99
89) Benzo(k)fluoranthene	23.589	252	8743621	44.410	ng	99
90) Benzo(a)pyrene	24.348	252	8610064	51.125	ng	99
91) Dibenzo(a,h)anthracene	28.142	278	9349413	52.225	ng	99
92) Benzo(g,h,i)perylene	29.159	276	9233315	49.927	ng	99

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

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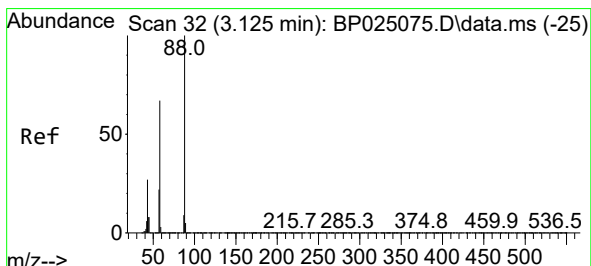
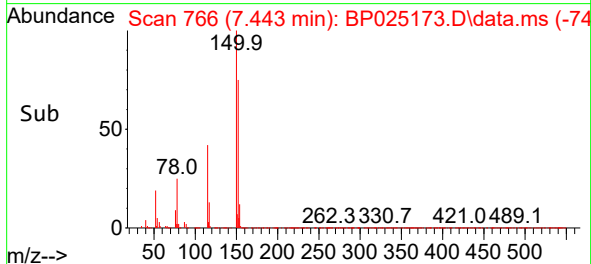
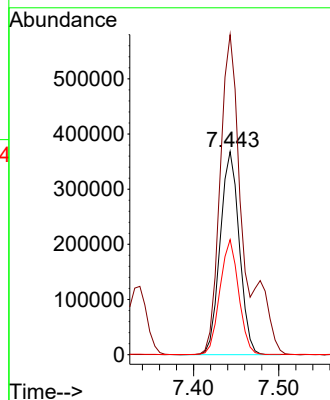
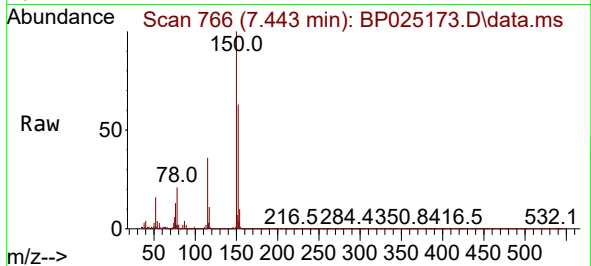




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

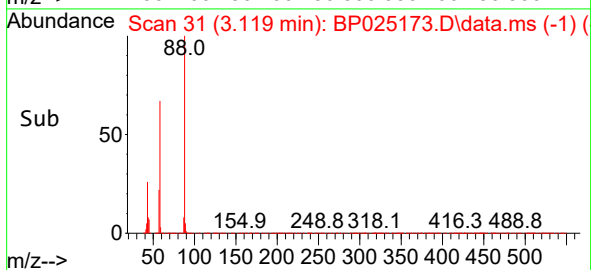
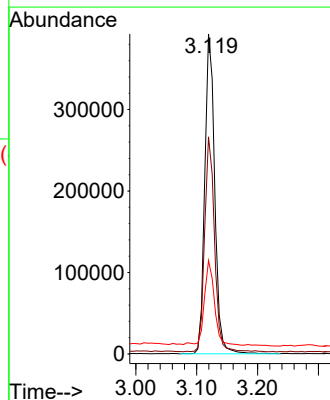
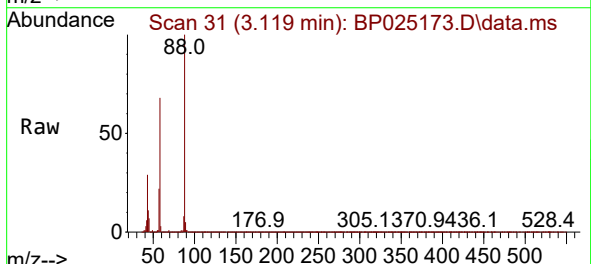
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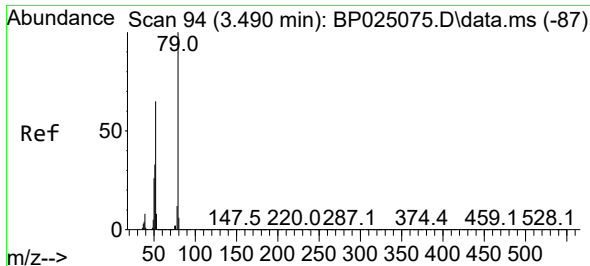
Tgt Ion:152 Resp: 573459
Ion Ratio Lower Upper
152 100
150 157.6 126.1 189.1
115 56.7 44.3 66.5



#2
1,4-Dioxane
Concen: 35.500 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 88 Resp: 446773
Ion Ratio Lower Upper
88 100
58 66.9 55.0 82.4
43 26.2 21.9 32.9

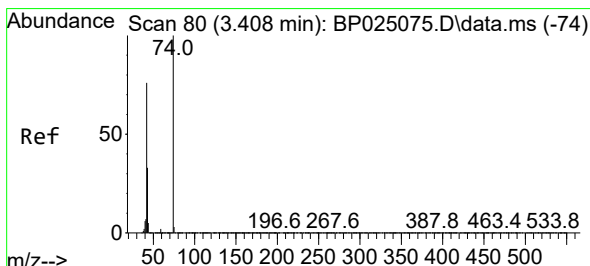
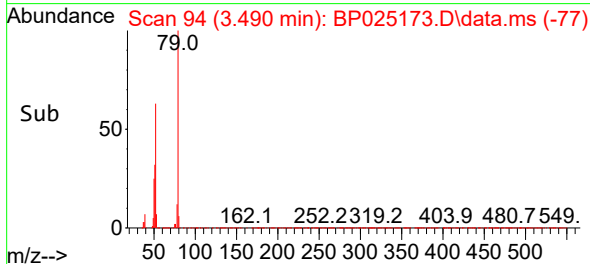
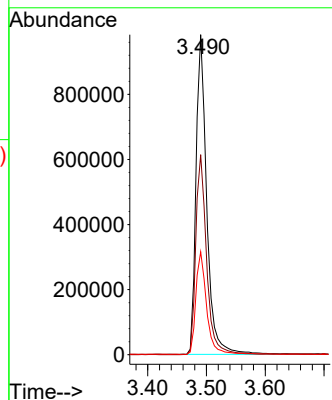
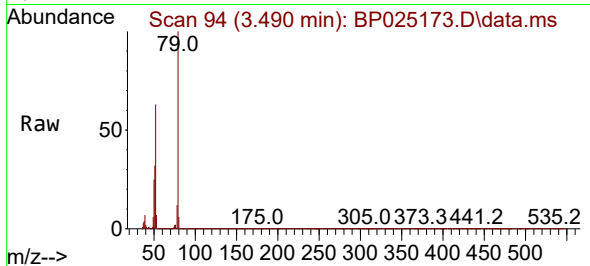




#3
 Pyridine
 Concen: 36.217 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025173.D
 Acq: 17 Jul 2025 11:26

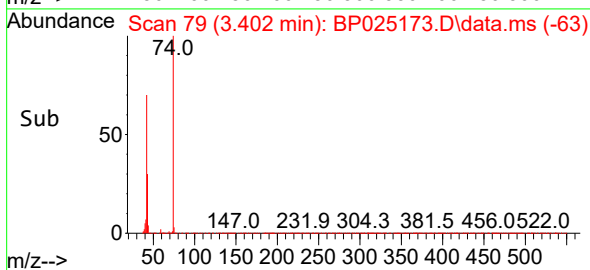
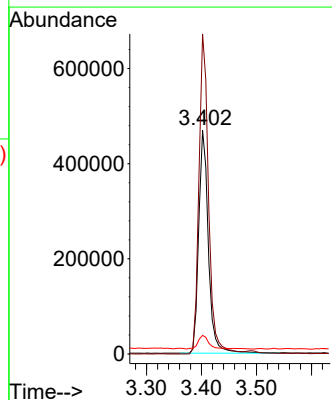
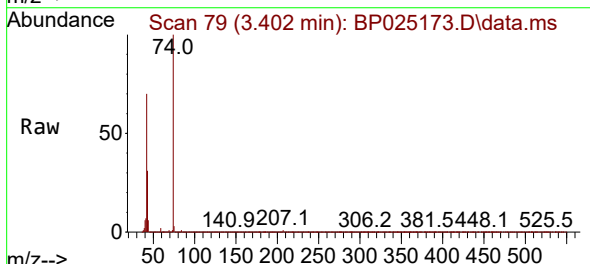
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 ClientSampleId :
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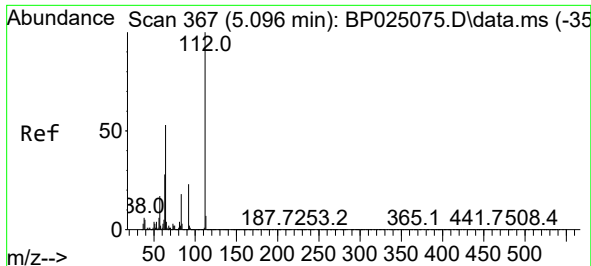
Tgt Ion: 79 Resp: 1247879
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.2 78.4
 51 32.2 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 39.313 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025173.D
 Acq: 17 Jul 2025 11:26

Tgt Ion: 42 Resp: 573534
 Ion Ratio Lower Upper
 42 100
 74 143.1 105.2 157.8
 44 8.3 6.6 9.8

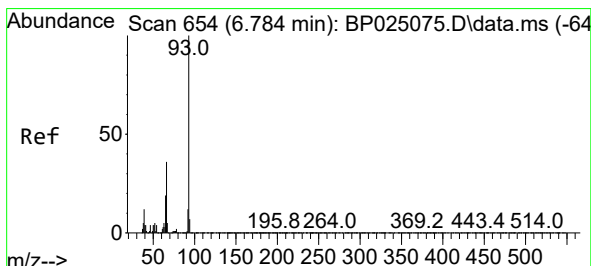
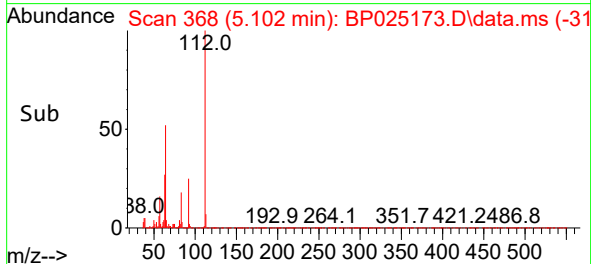
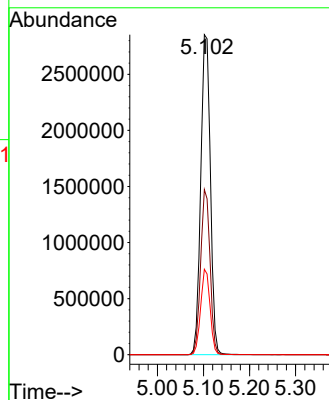
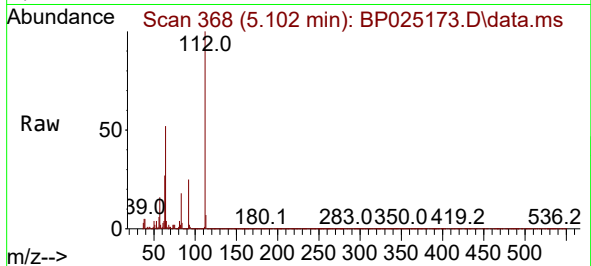




#5
2-Fluorophenol
Concen: 128.459 ng
RT: 5.102 min Scan# 367
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

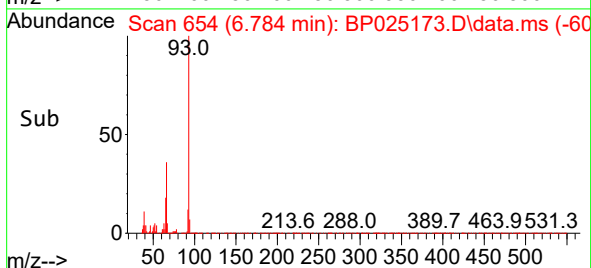
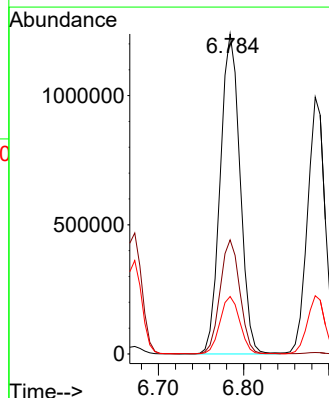
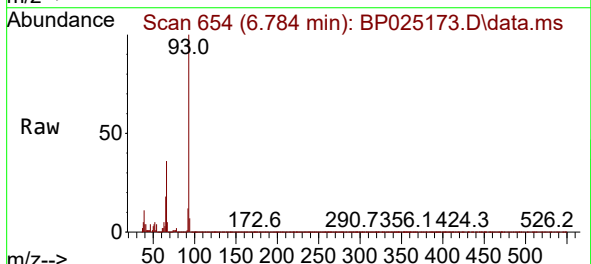
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ClientSampleId :
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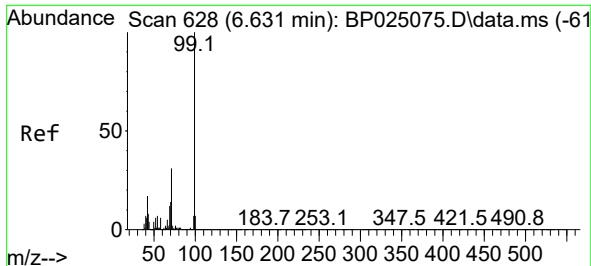
Tgt Ion:112 Resp: 4157557
Ion Ratio Lower Upper
112 100
64 51.6 42.0 63.0
63 26.7 22.2 33.2



#6
Aniline
Concen: 50.704 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 93 Resp: 2000864
Ion Ratio Lower Upper
93 100
66 35.6 28.9 43.3
65 18.0 15.2 22.8

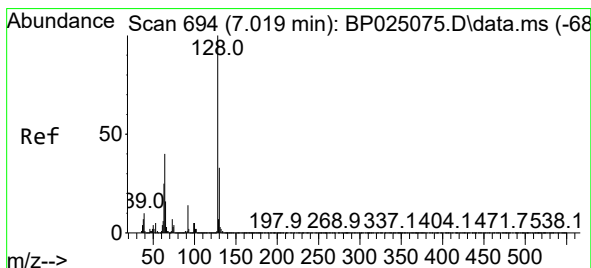
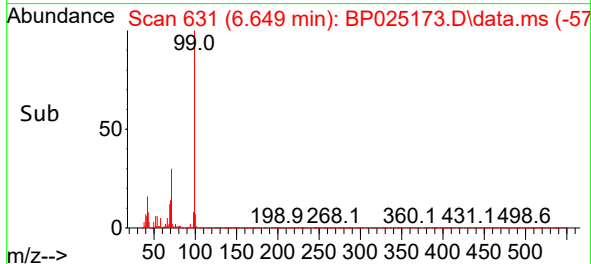
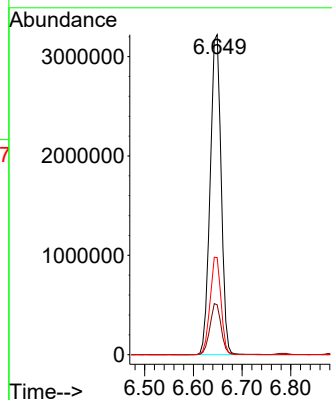
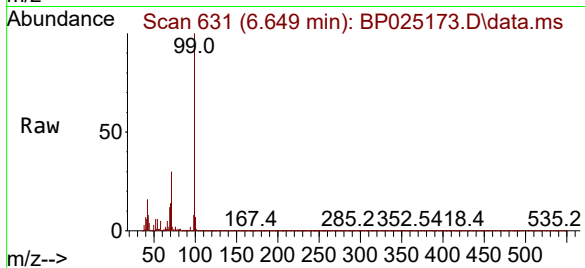




#7
Phenol-d6
Concen: 118.564 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

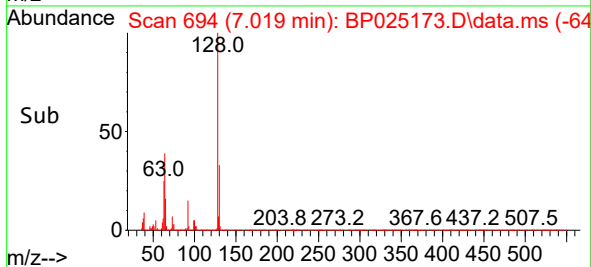
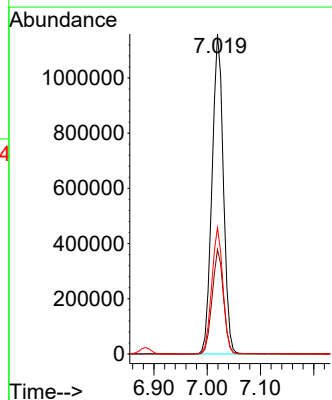
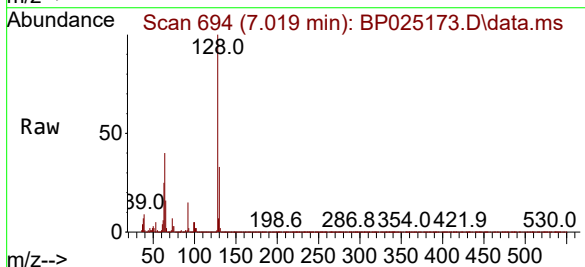
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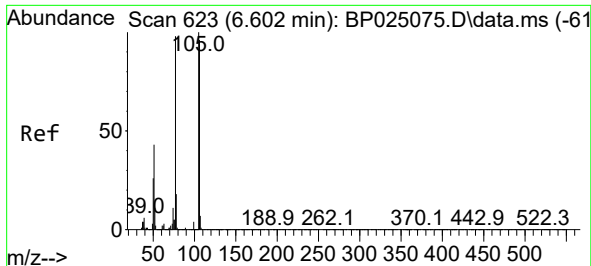
Tgt Ion: 99 Resp: 5007638
Ion Ratio Lower Upper
99 100
42 15.6 13.6 20.4
71 30.3 24.4 36.6



#8
2-Chlorophenol
Concen: 47.299 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 128 Resp: 1712777
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 39.5 20.3 60.3

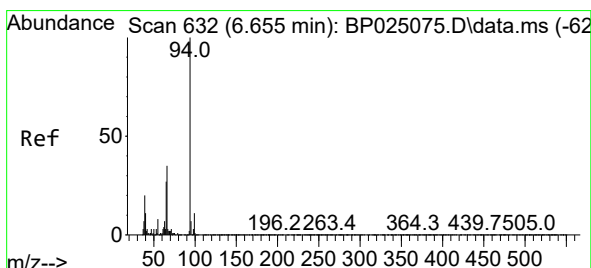
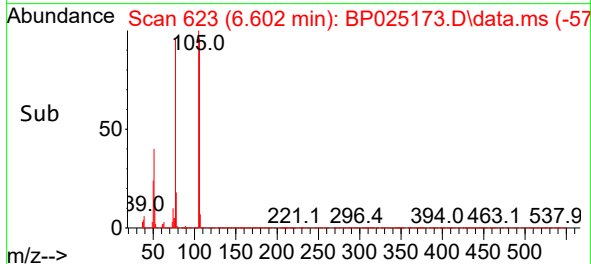
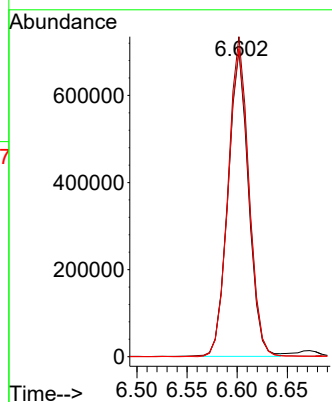
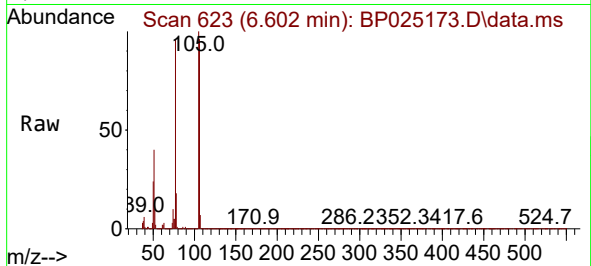




#9
Benzaldehyde
Concen: 45.273 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

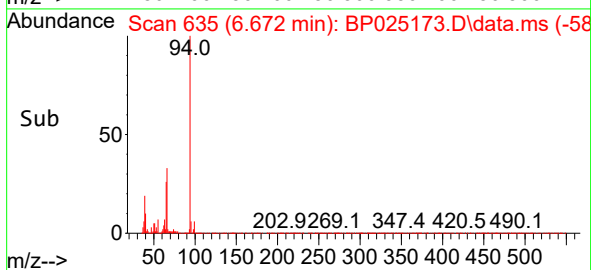
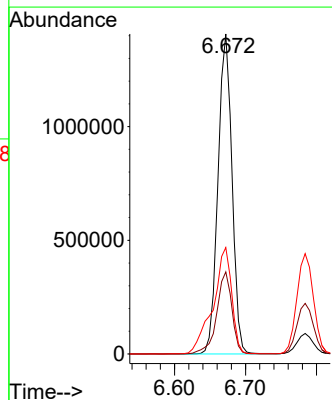
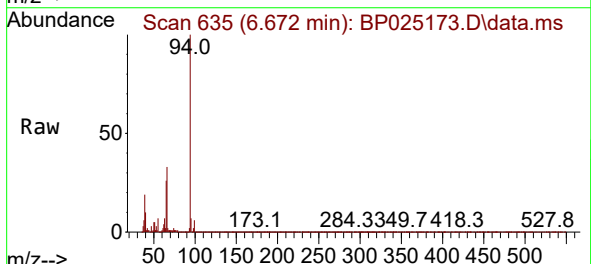
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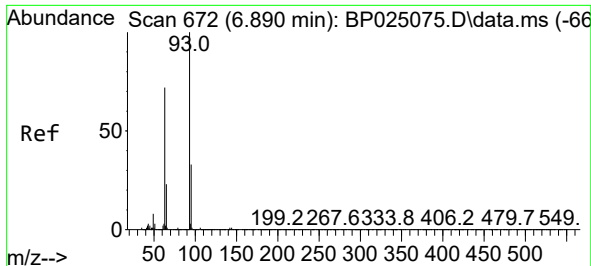
Tgt Ion: 77 Resp: 998604
Ion Ratio Lower Upper
77 100
105 104.6 82.4 122.4
106 100.7 78.3 118.3



#10
Phenol
Concen: 44.689 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 94 Resp: 1917826
Ion Ratio Lower Upper
94 100
65 25.7 6.9 46.9
66 33.3 14.6 54.6

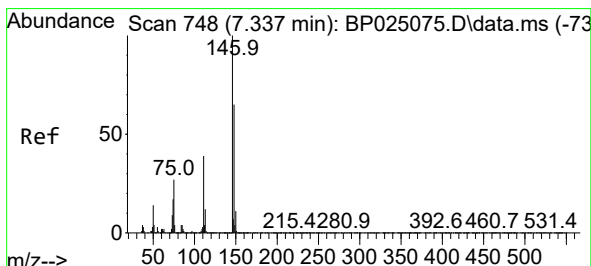
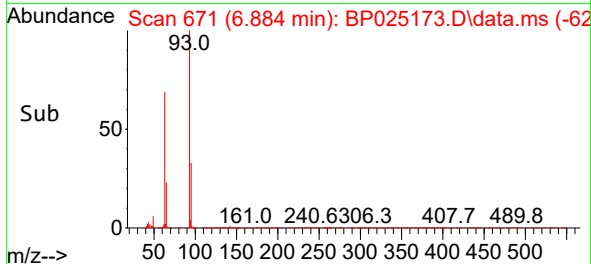
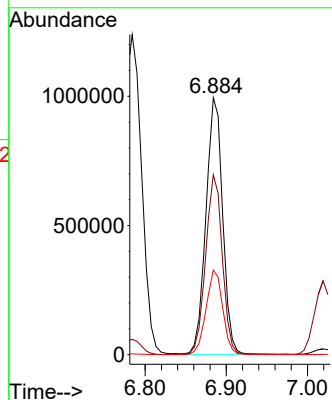
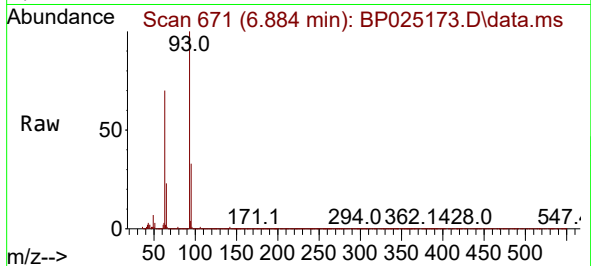




#11
bis(2-Chloroethyl)ether
Concen: 42.912 ng
RT: 6.884 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

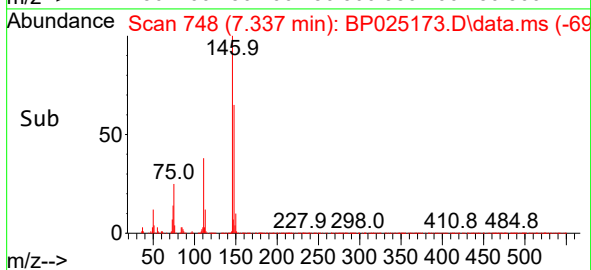
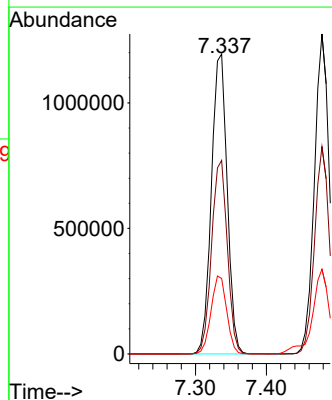
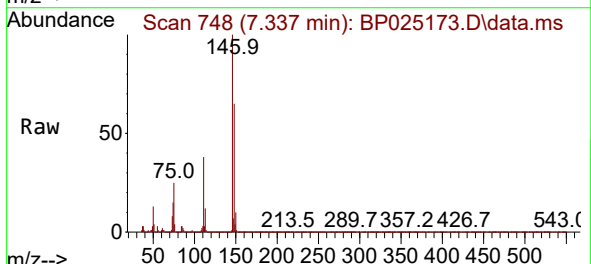
Instrument :
BNA_P
ClientSampleId :
PB168875BS

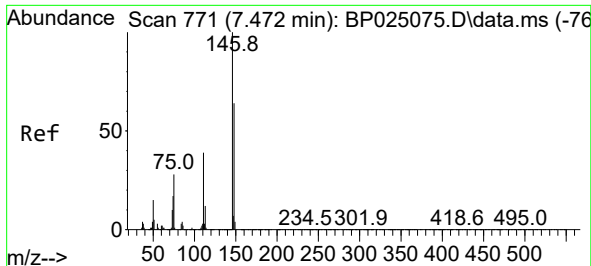
Tgt Ion: 93 Resp: 1417287
Ion Ratio Lower Upper
93 100
63 70.0 51.9 91.9
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.422 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:146 Resp: 1840844
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 25.2 21.8 32.6

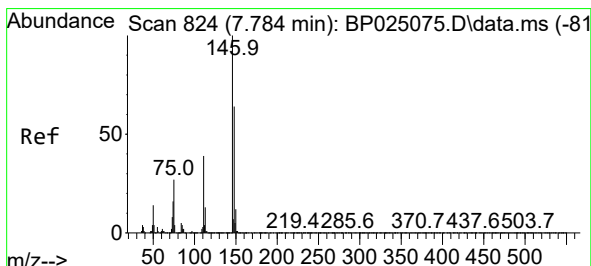
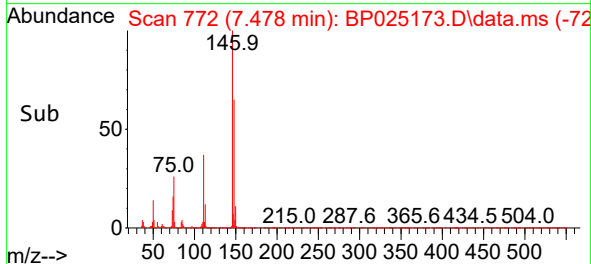
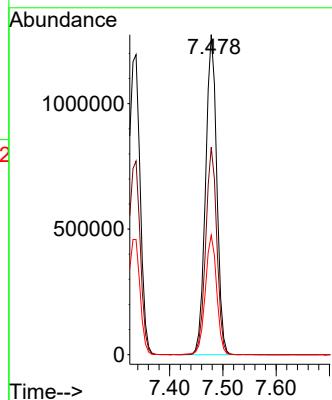
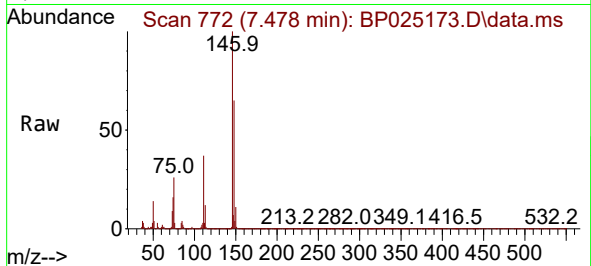




#13
1,4-Dichlorobenzene
Concen: 45.430 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

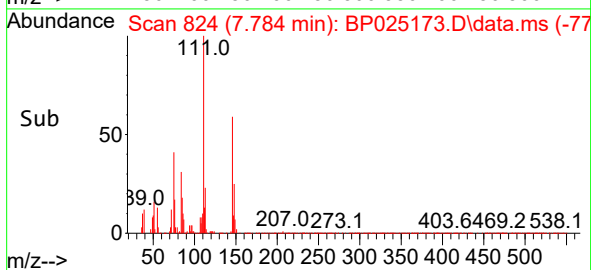
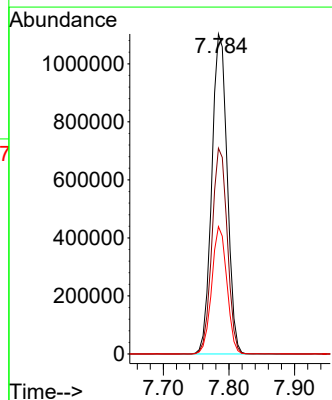
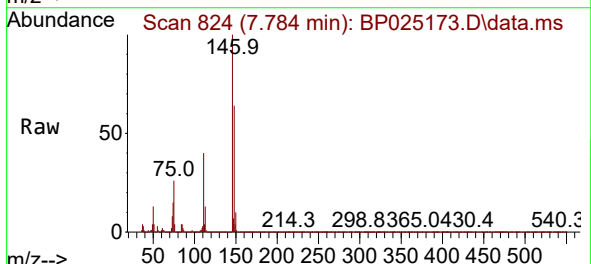
Instrument :
BNA_P
ClientSampleId :
PB168875BS

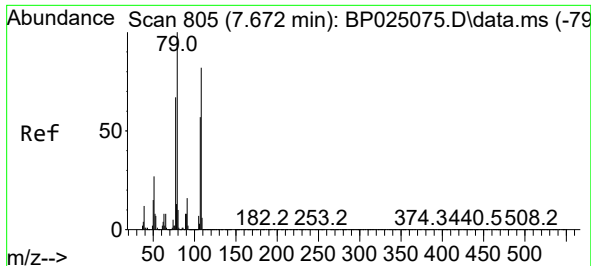
Tgt Ion:146 Resp: 1864116
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 37.4 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 45.580 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:146 Resp: 1799120
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 39.8 31.2 46.8

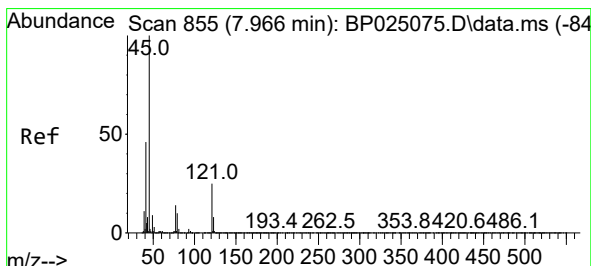
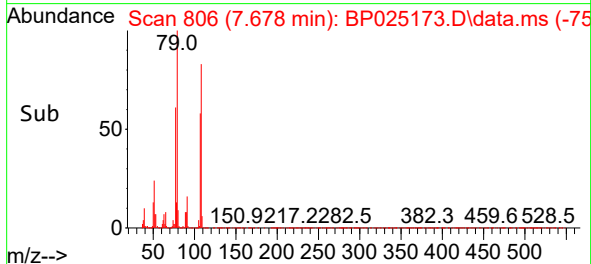
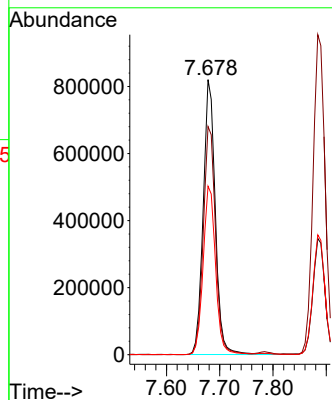
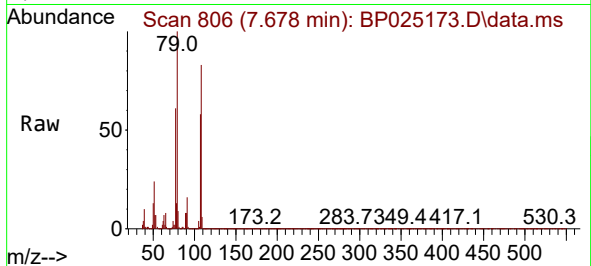




#15
Benzyl Alcohol
Concen: 45.848 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

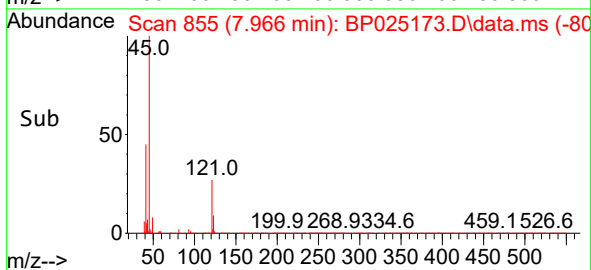
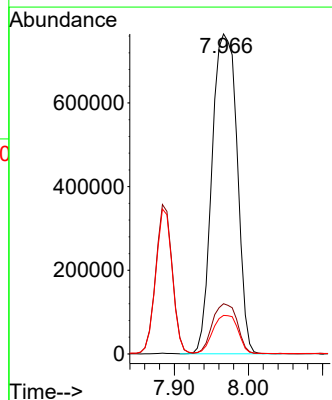
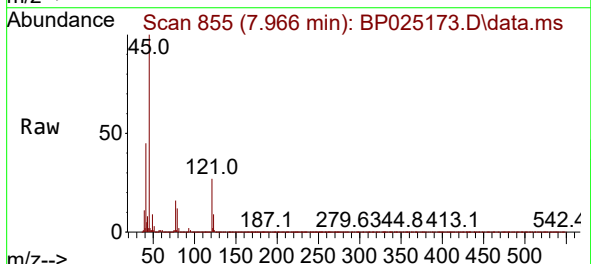
Instrument :
BNA_P
ClientSampleId :
PB168875BS

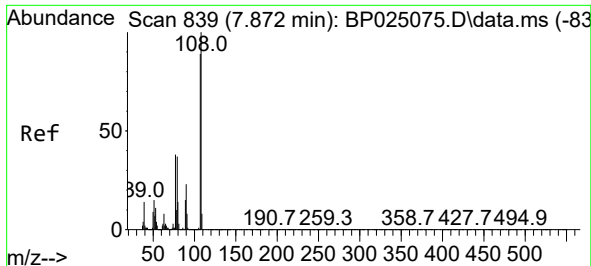
Tgt Ion: 79 Resp: 1292442
Ion Ratio Lower Upper
79 100
108 83.0 66.0 99.0
77 61.3 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.775 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 45 Resp: 1794034
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.8
79 12.0 0.0 30.7

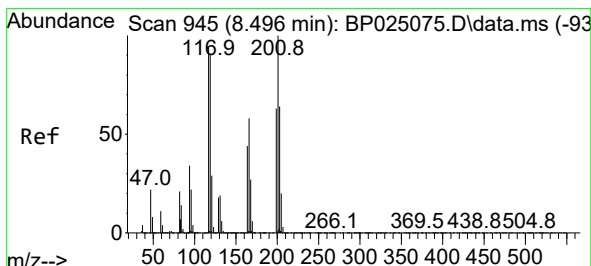
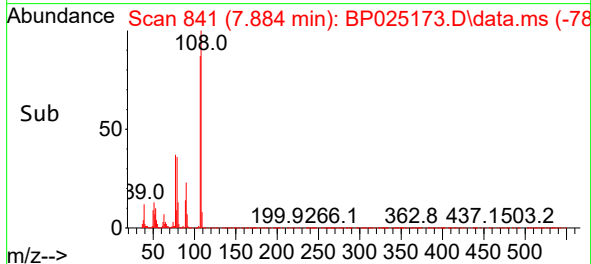
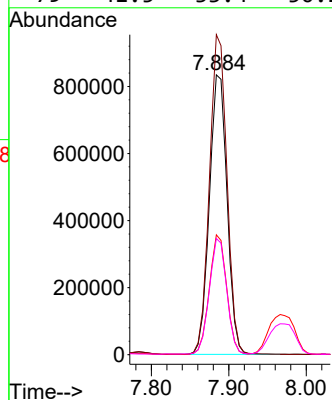
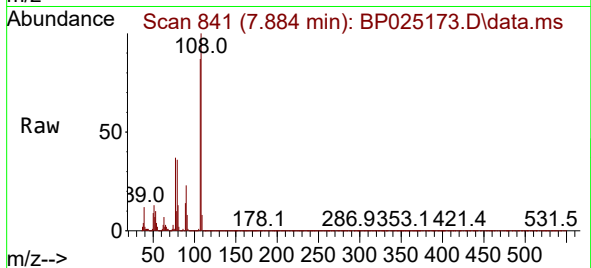




#17
2-Methylphenol
Concen: 47.876 ng
RT: 7.884 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

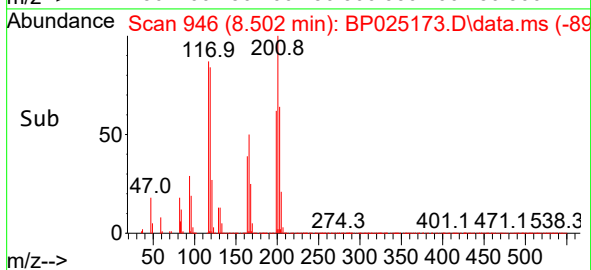
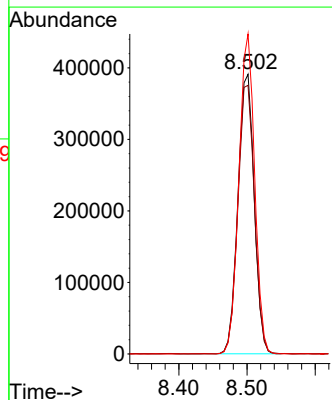
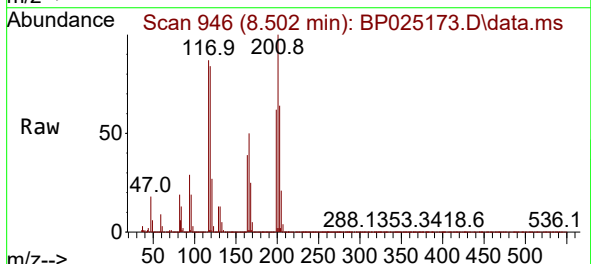
Instrument :
BNA_P
ClientSampleId :
PB168875BS

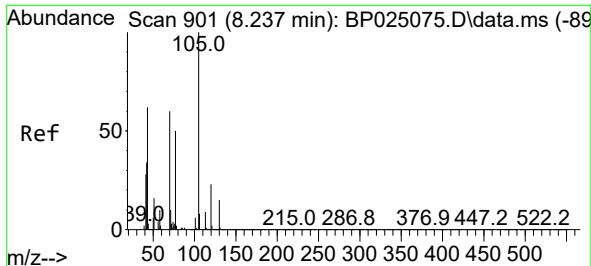
Tgt Ion:107 Resp: 1323497
Ion Ratio Lower Upper
107 100
108 114.3 89.7 134.5
77 42.8 34.2 51.4
79 41.5 33.4 50.2



#18
Hexachloroethane
Concen: 48.667 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:117 Resp: 650538
Ion Ratio Lower Upper
117 100
119 96.1 76.6 115.0
201 114.4 85.4 128.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.704 ng

RT: 8.243 min Scan# 901

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

Tgt Ion: 70 Resp: 1044602

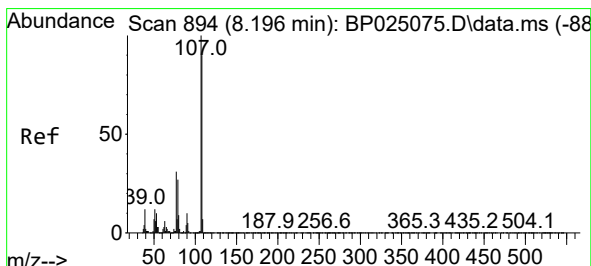
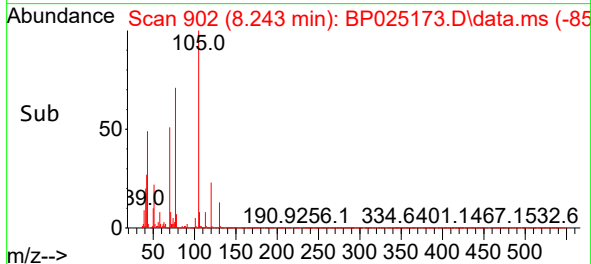
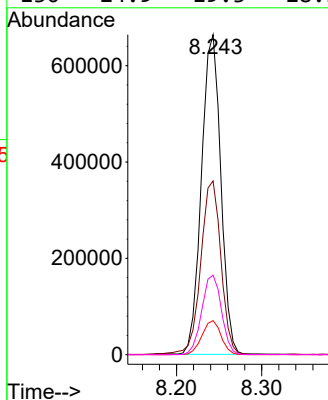
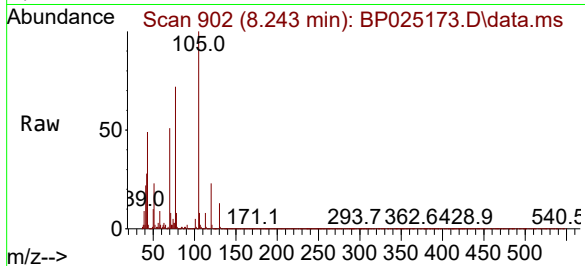
Ion Ratio Lower Upper

70 100

42 54.3 46.5 69.7

101 10.7 7.9 11.9

130 24.9 19.3 28.9



#20

3+4-Methylphenols

Concen: 46.402 ng

RT: 8.207 min Scan# 896

Delta R.T. 0.012 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Tgt Ion:107 Resp: 1796704

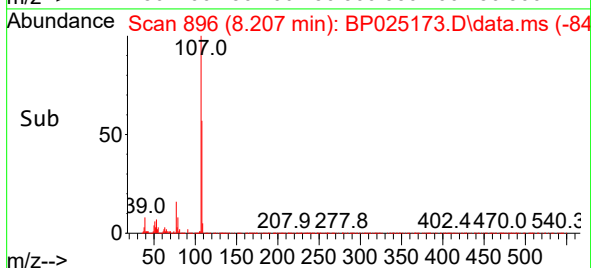
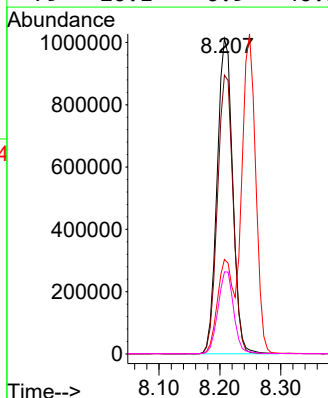
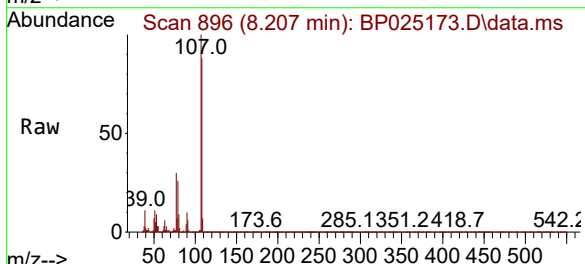
Ion Ratio Lower Upper

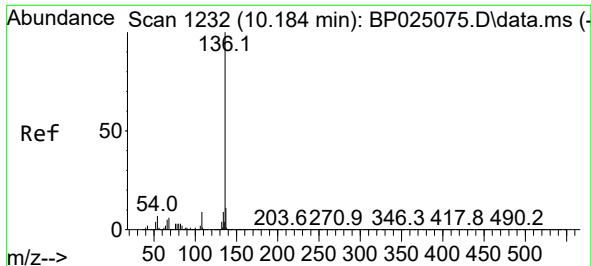
107 100

108 88.5 69.5 109.5

77 30.0 11.4 51.4

79 26.1 6.9 46.9

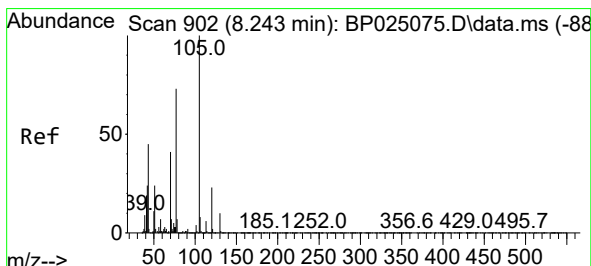
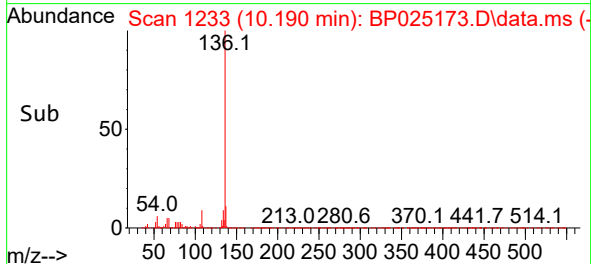
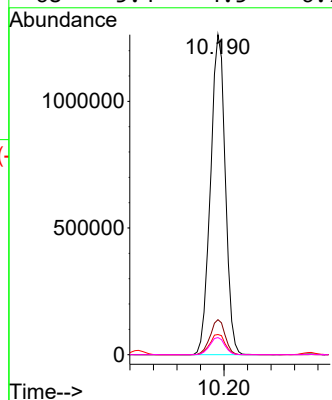
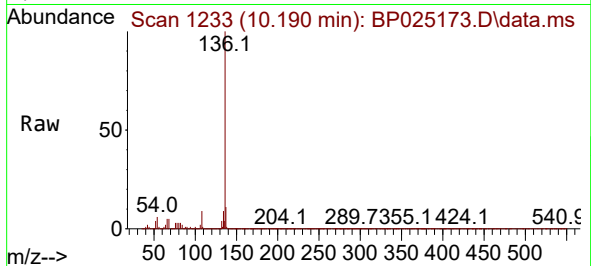




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

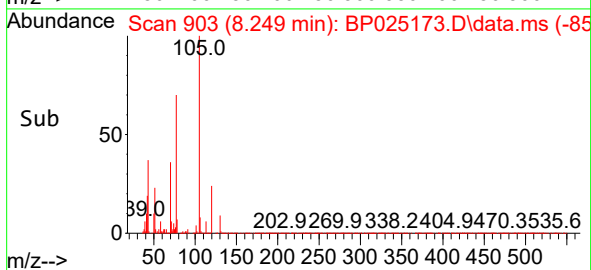
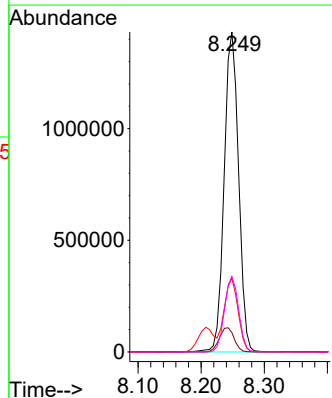
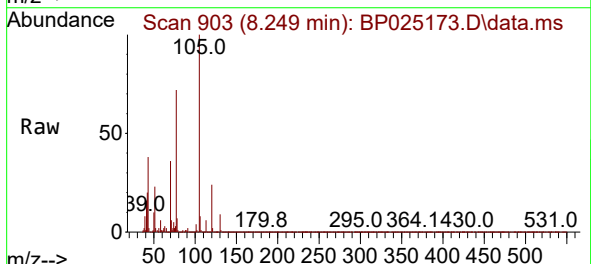
Instrument :
BNA_P
ClientSampleId :
PB168875BS

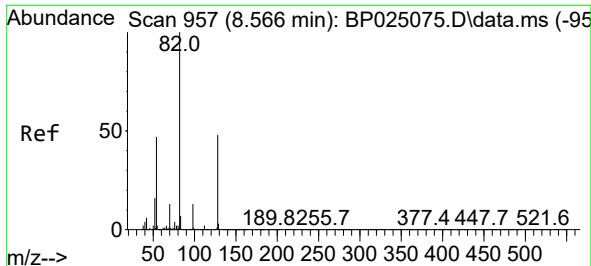
Tgt Ion:136 Resp: 2200322
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.3 5.4 8.2
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 43.534 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:105 Resp: 2265382
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.2
51 23.0 19.6 29.4
120 23.6 18.8 28.2

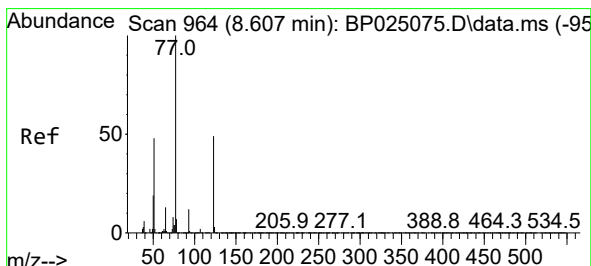
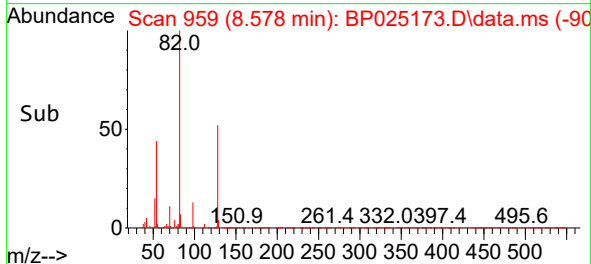
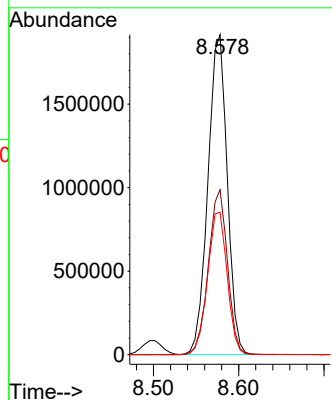
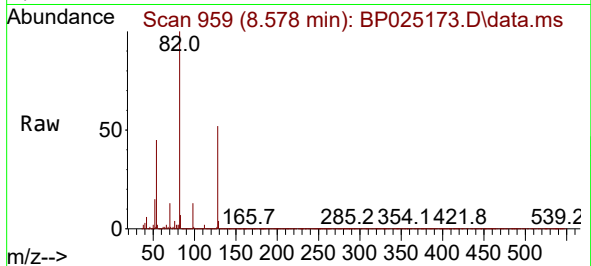




#23
Nitrobenzene-d5
Concen: 90.962 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

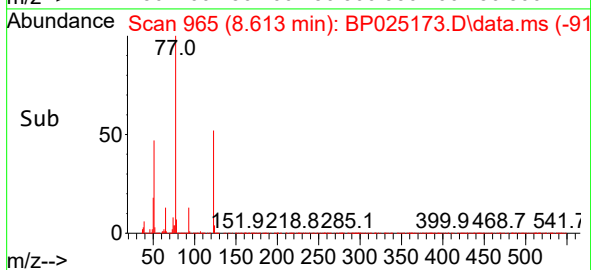
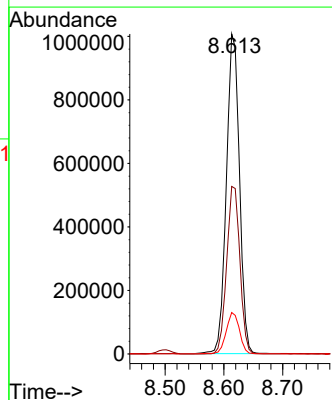
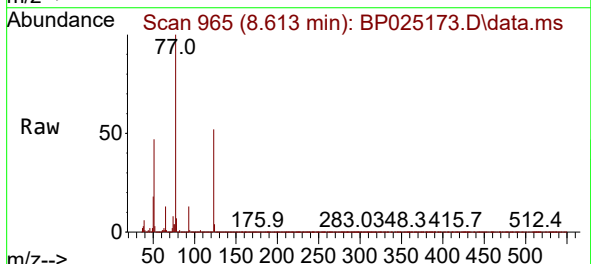
Instrument :
BNA_P
ClientSampleId :
PB168875BS

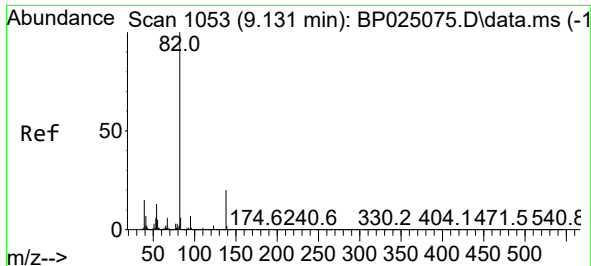
Tgt Ion: 82 Resp: 3009478
Ion Ratio Lower Upper
82 100
128 51.5 38.4 57.6
54 44.5 37.8 56.6



#24
Nitrobenzene
Concen: 46.272 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 77 Resp: 1559355
Ion Ratio Lower Upper
77 100
123 52.4 39.0 58.6
65 12.9 10.7 16.1

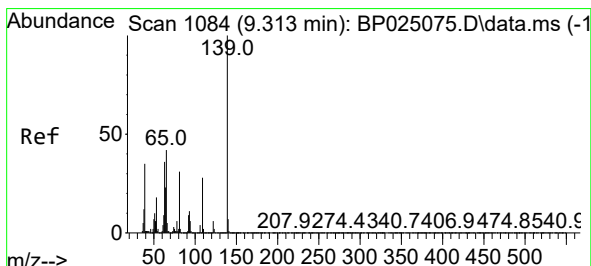
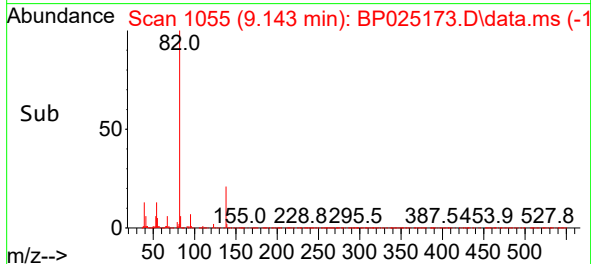
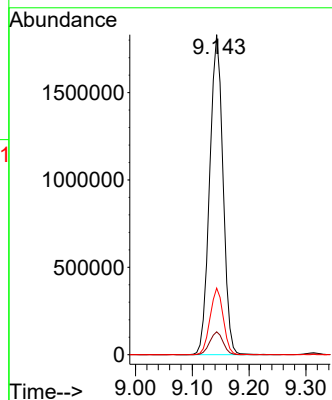
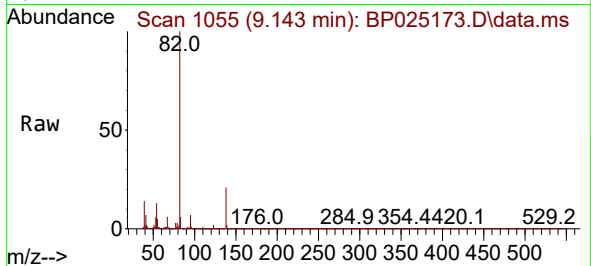




#25
Isophorone
Concen: 48.081 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

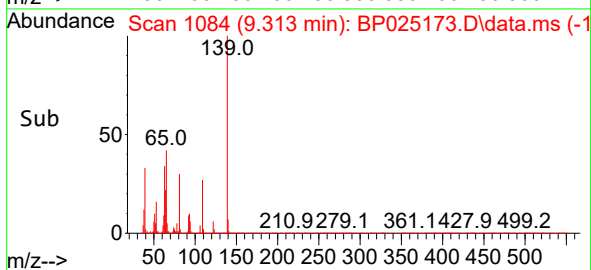
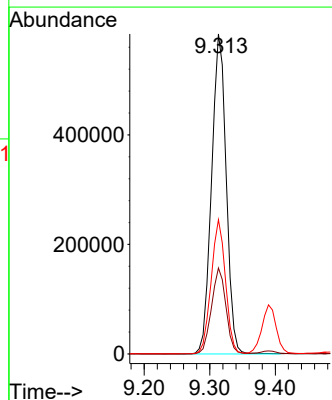
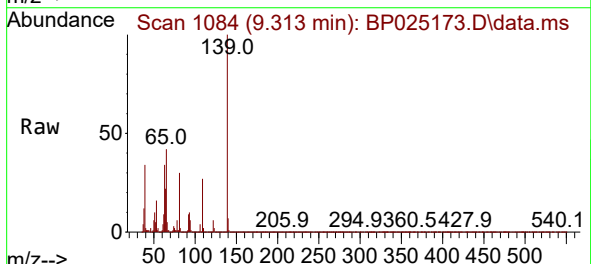
Instrument :
BNA_P
ClientSampleId :
PB168875BS

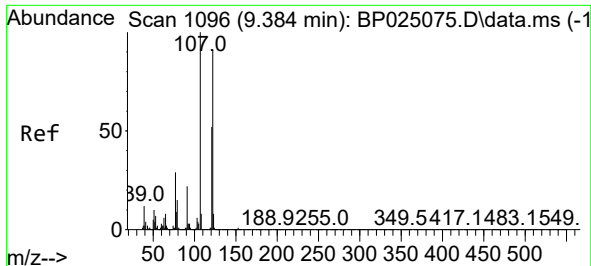
Tgt Ion: 82 Resp: 2972831
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.8 15.7 23.5



#26
2-Nitrophenol
Concen: 54.909 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:139 Resp: 906294
Ion Ratio Lower Upper
139 100
109 26.9 22.3 33.5
65 41.9 33.8 50.8

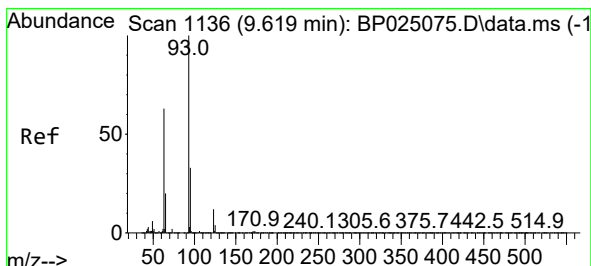
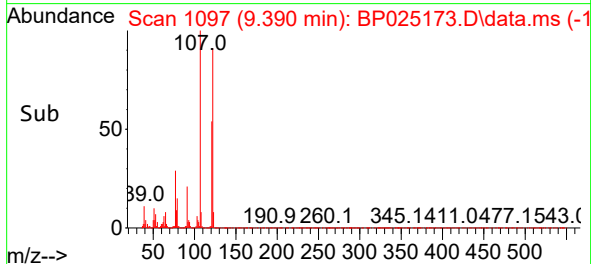
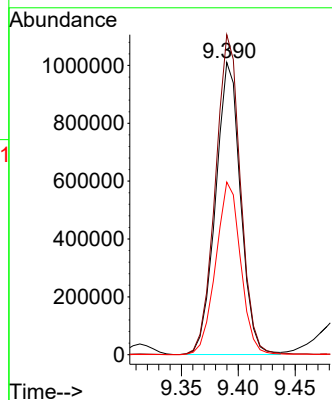
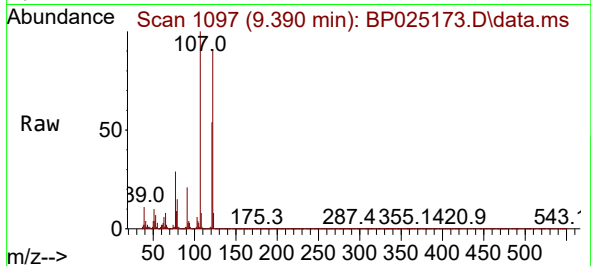




#27
2,4-Dimethylphenol
Concen: 67.039 ng
RT: 9.390 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

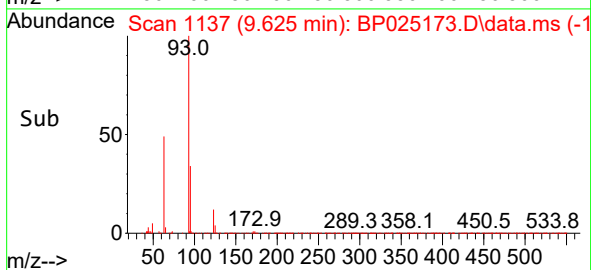
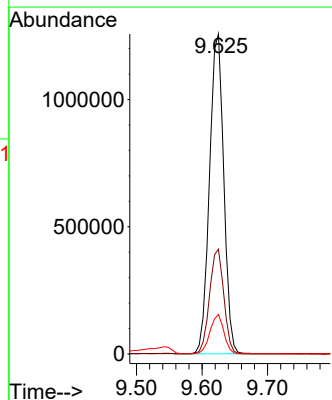
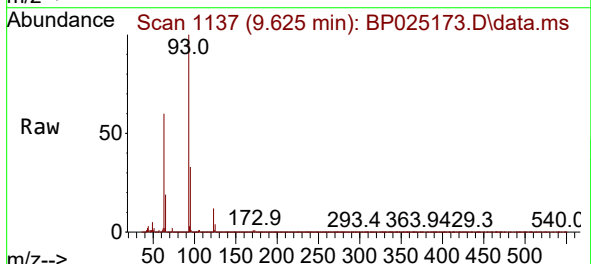
Instrument :
BNA_P
ClientSampleId :
PB168875BS

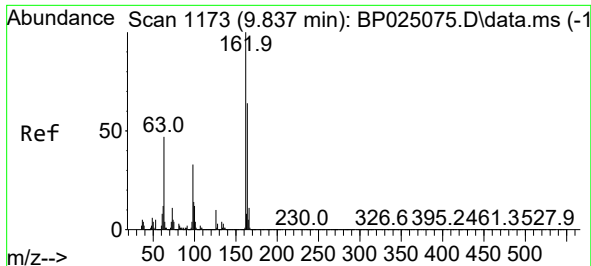
Tgt Ion:122 Resp: 1546214
Ion Ratio Lower Upper
122 100
107 109.5 88.2 132.2
121 59.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.313 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 93 Resp: 1902359
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.4 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 50.214 ng

RT: 9.849 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

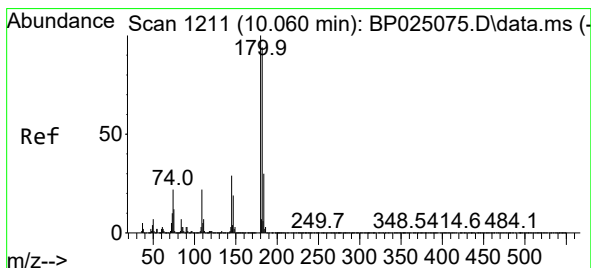
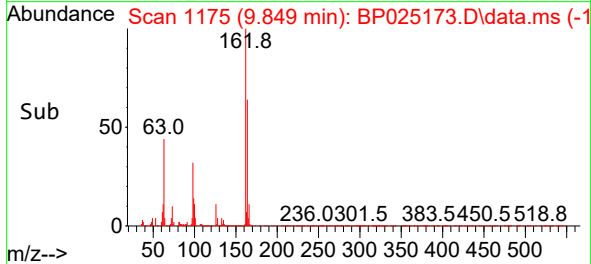
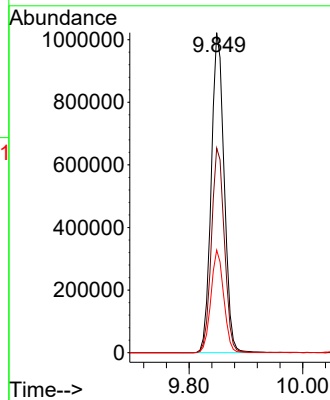
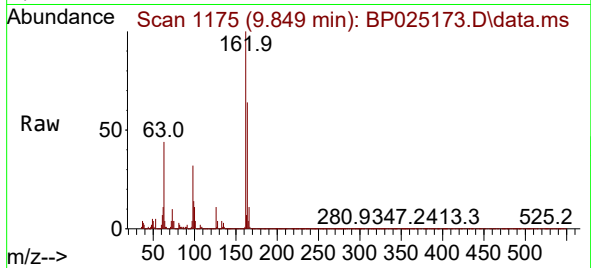
Tgt Ion:162 Resp: 1605908

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

98 32.0 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 47.625 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

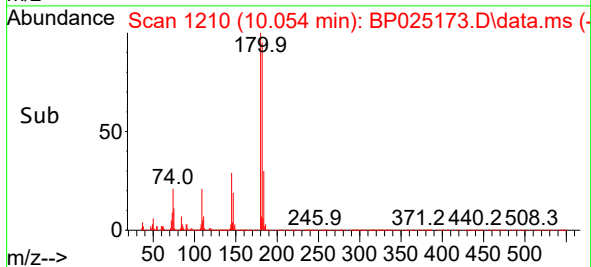
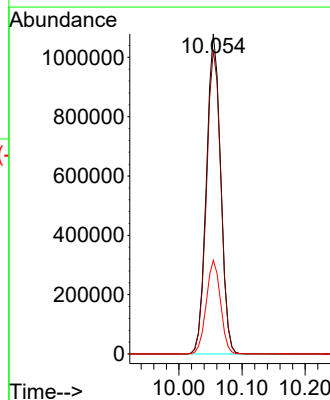
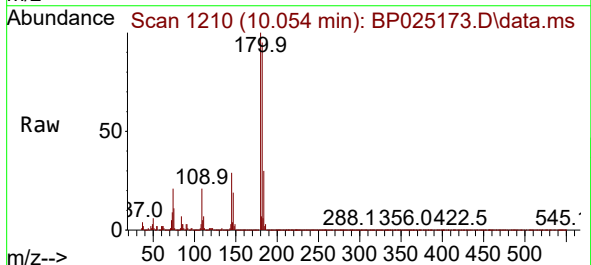
Tgt Ion:180 Resp: 1686690

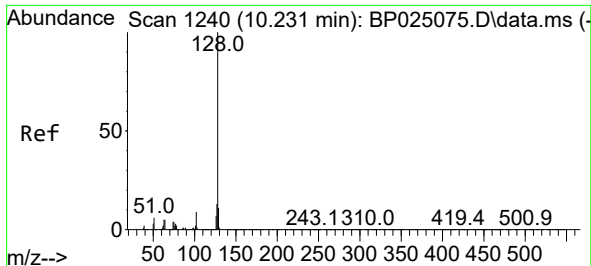
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 29.3 23.3 34.9

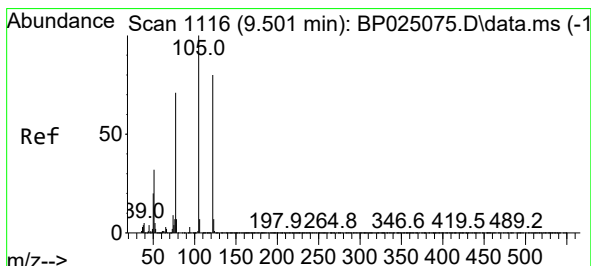
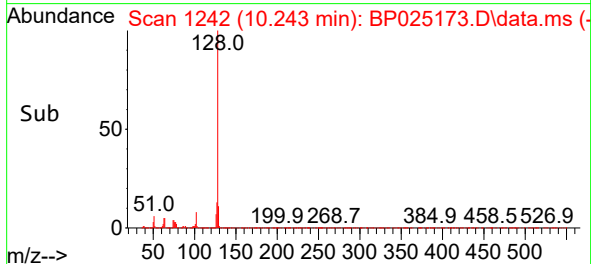
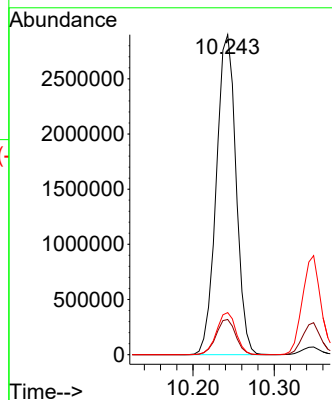
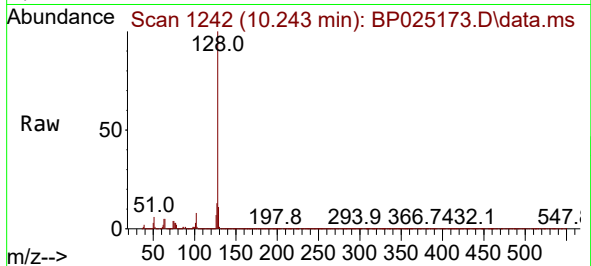




#31
Naphthalene
Concen: 43.217 ng
RT: 10.243 min Scan# 1112
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

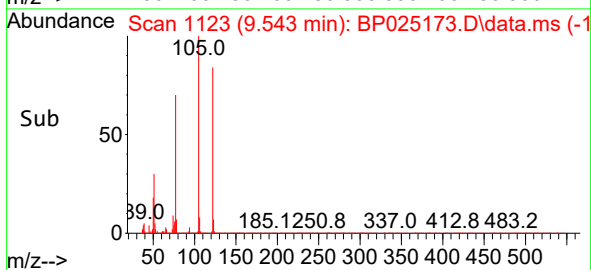
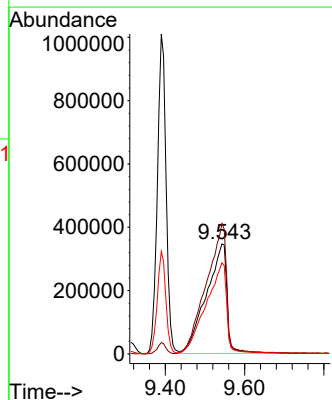
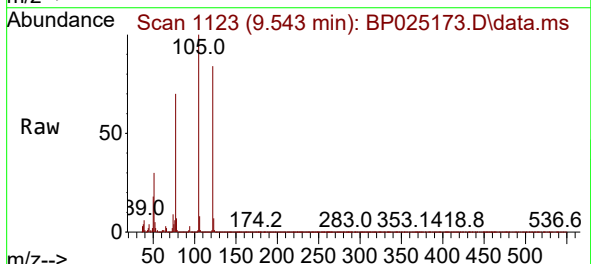
Instrument :
BNA_P
ClientSampleId :
PB168875BS

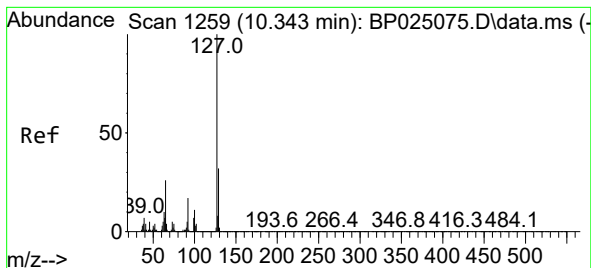
Tgt Ion:128 Resp: 4896472
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 53.240 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.042 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:122 Resp: 1244662
Ion Ratio Lower Upper
122 100
105 118.5 101.0 141.0
77 82.7 67.6 107.6



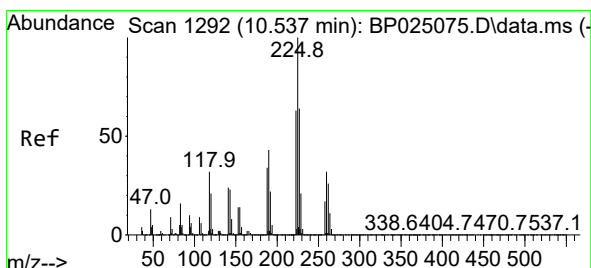
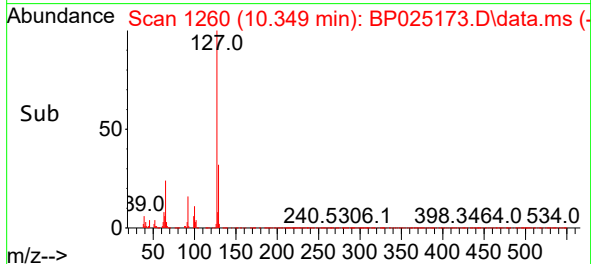
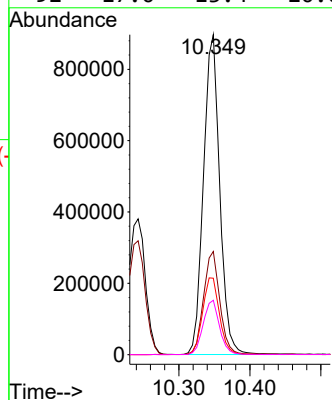
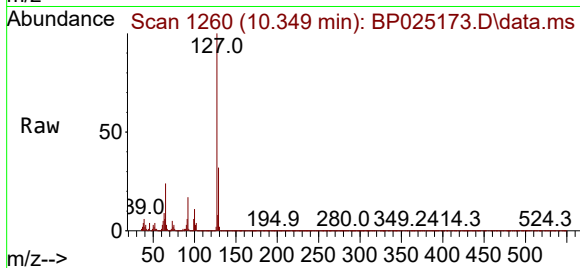


#33
4-Chloroaniline
Concen: 33.881 ng
RT: 10.349 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Instrument :
BNA_P
ClientSampleId :
PB168875BS

Tgt Ion:127 Resp: 1432536

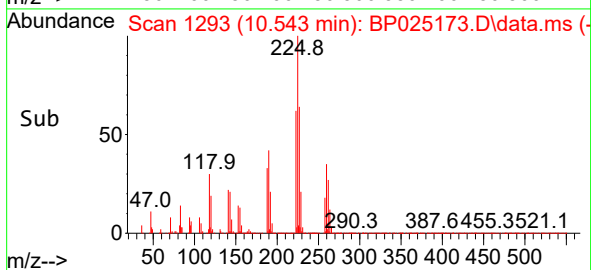
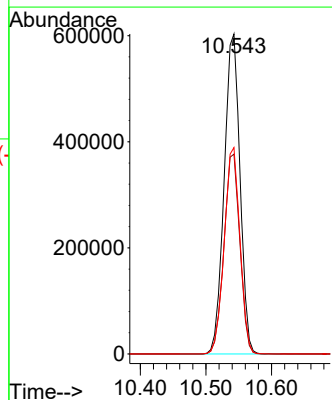
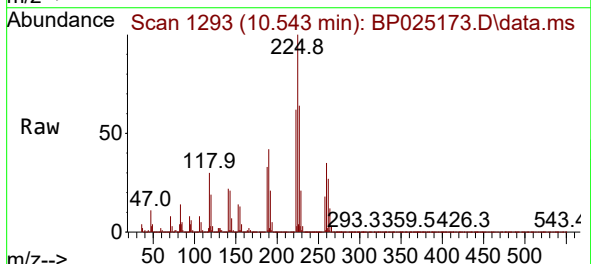
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	23.9	21.0	31.6
92	17.0	13.4	20.0

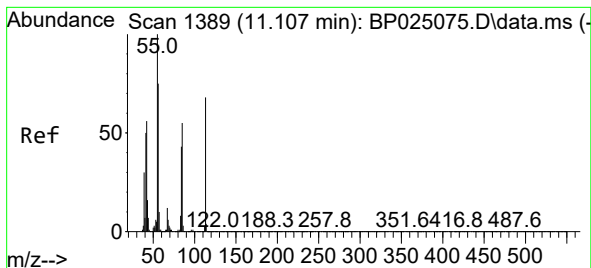


#34
Hexachlorobutadiene
Concen: 49.598 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:225 Resp: 1008037

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	64.5	51.3	76.9

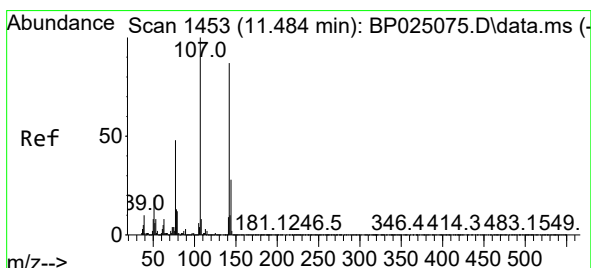
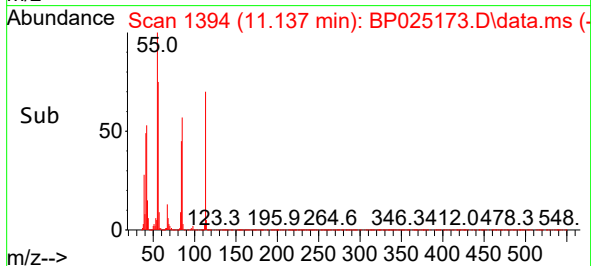
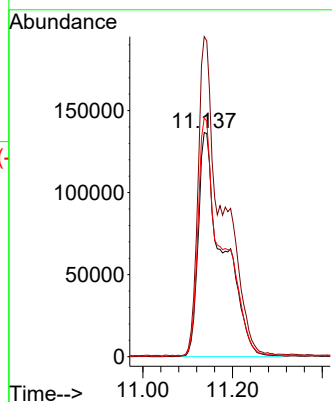
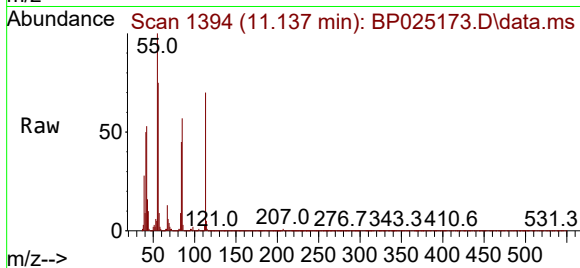




#35
Caprolactam
Concen: 47.641 ng m
RT: 11.137 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

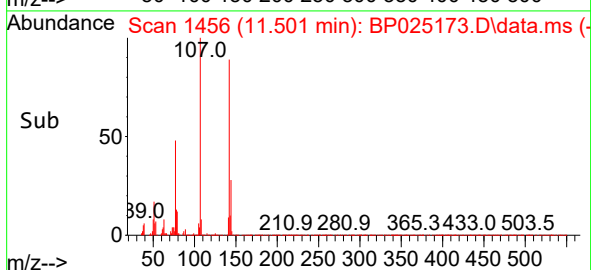
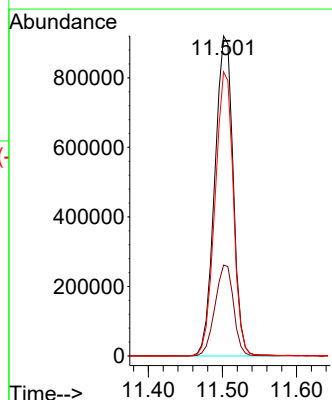
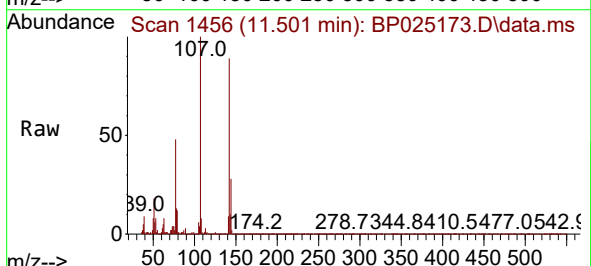
Instrument :
BNA_P
ClientSampleId :
PB168875BS

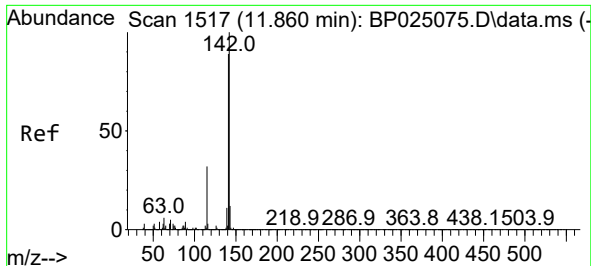
Tgt Ion:113 Resp: 521227
Ion Ratio Lower Upper
113 100
55 142.8 128.1 168.1
56 106.5 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 47.473 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:107 Resp: 1586588
Ion Ratio Lower Upper
107 100
144 28.4 22.4 33.6
142 88.8 69.6 104.4

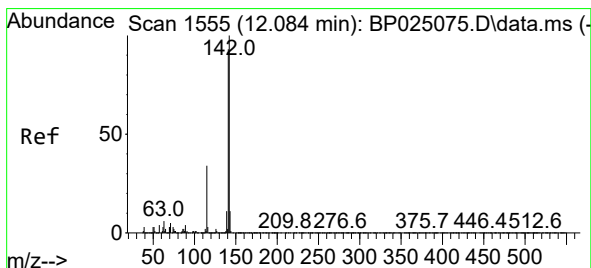
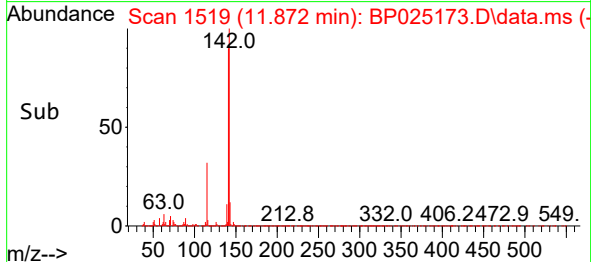
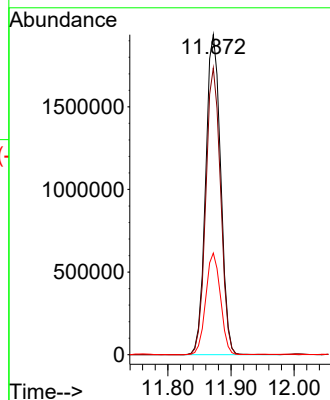
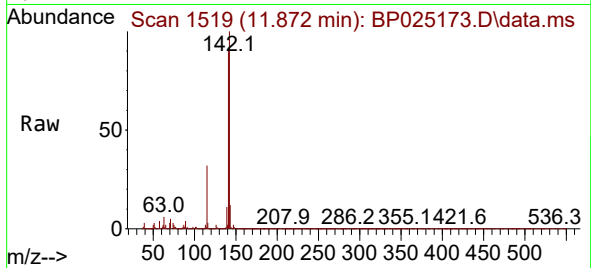




#37
2-Methylnaphthalene
Concen: 39.894 ng
RT: 11.872 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

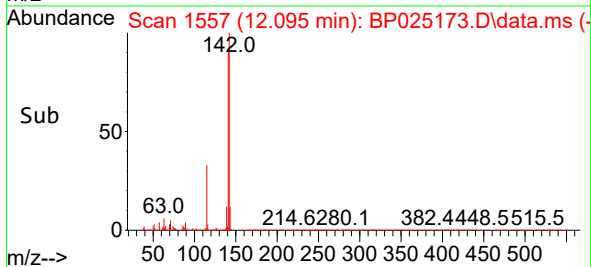
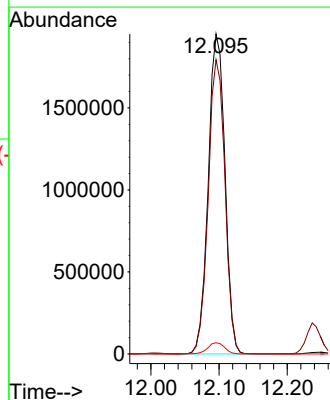
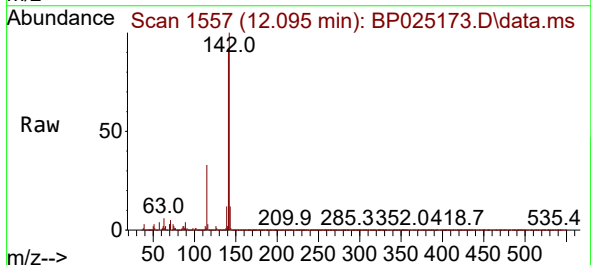
Instrument :
BNA_P
ClientSampleId :
PB168875BS

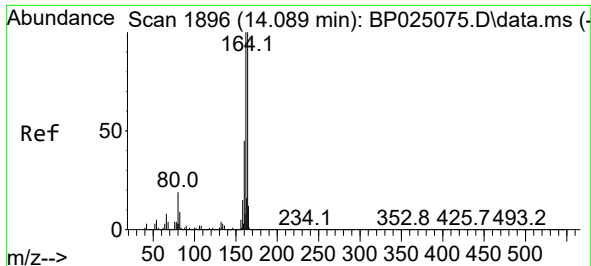
Tgt Ion:142 Resp: 3189197
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 42.616 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:142 Resp: 3322529
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1
116 3.5 2.7 4.1

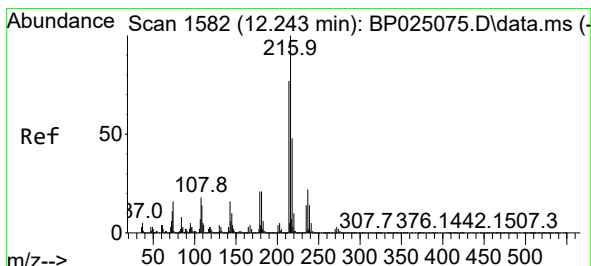
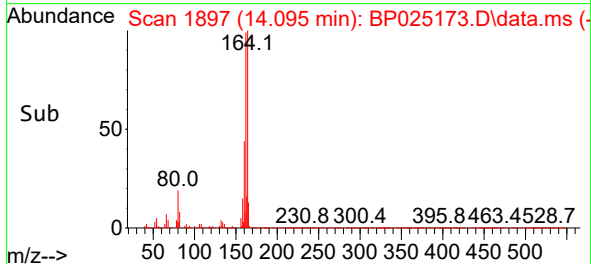
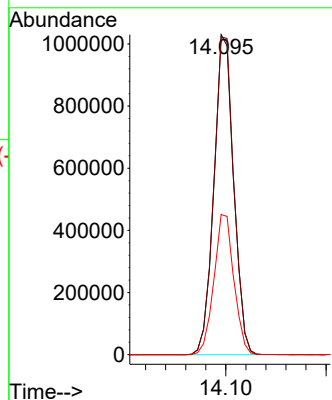
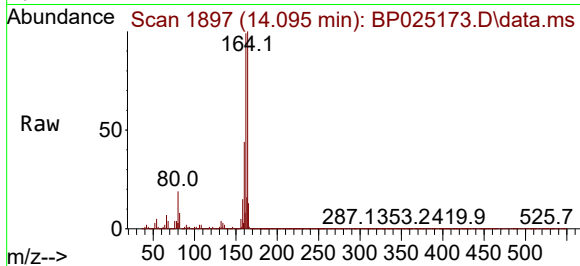




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

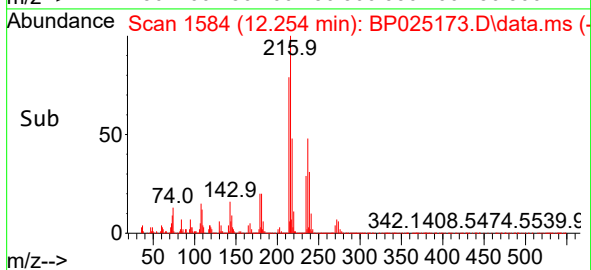
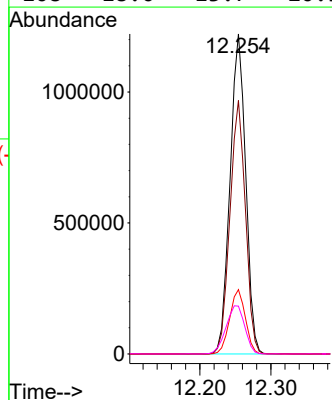
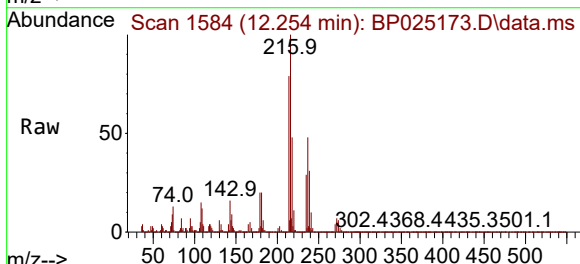
Instrument :
BNA_P
ClientSampleId :
PB168875BS

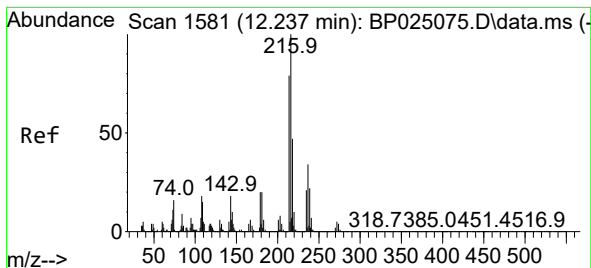
Tgt Ion:164 Resp: 1403172
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 43.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.238 ng
RT: 12.254 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:216 Resp: 1864625
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 20.2 16.5 24.7
108 18.0 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 230.722 ng

RT: 12.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

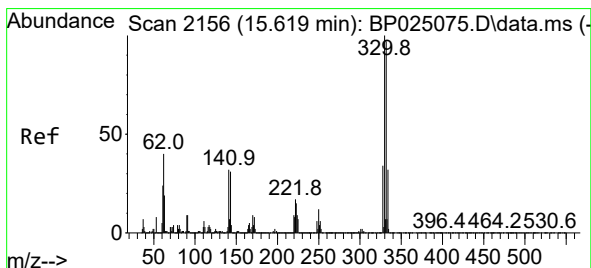
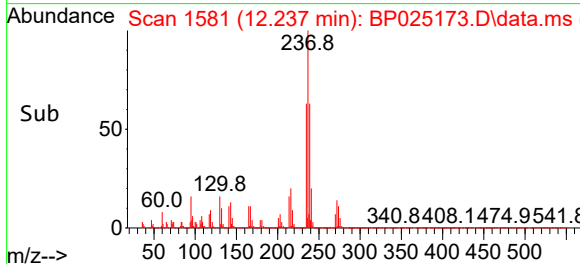
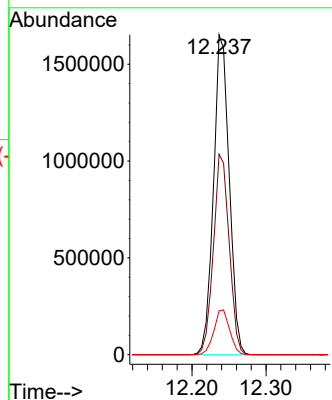
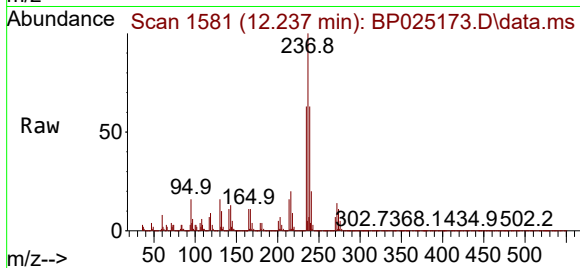
Tgt Ion:237 Resp: 2430324

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

272 13.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 156.836 ng

RT: 15.625 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

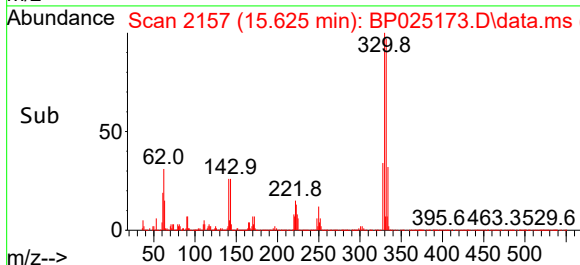
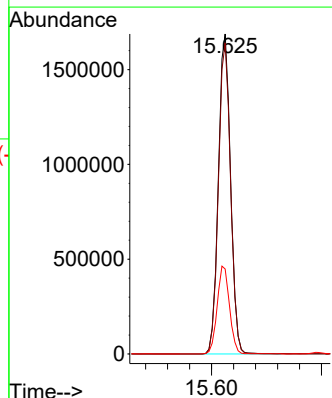
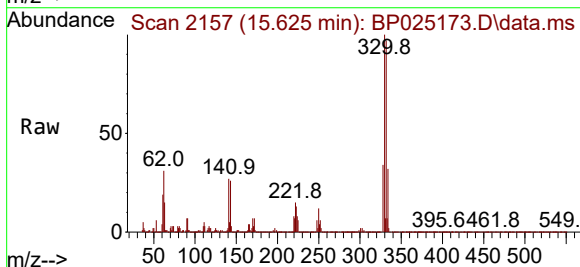
Tgt Ion:330 Resp: 2599734

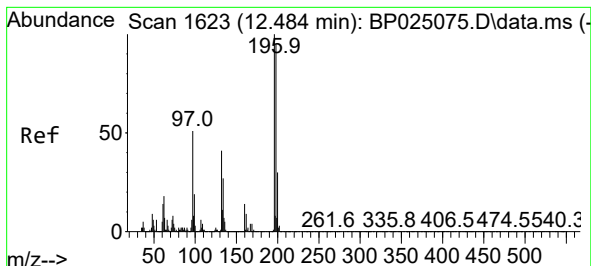
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 27.7 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 54.601 ng

RT: 12.507 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

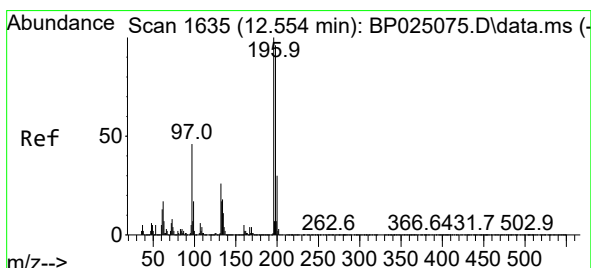
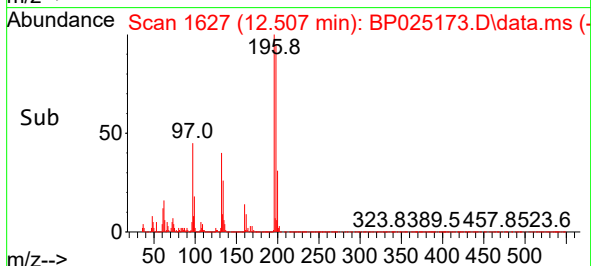
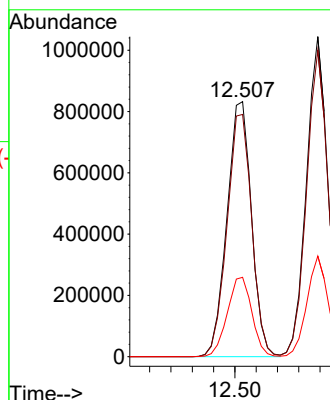
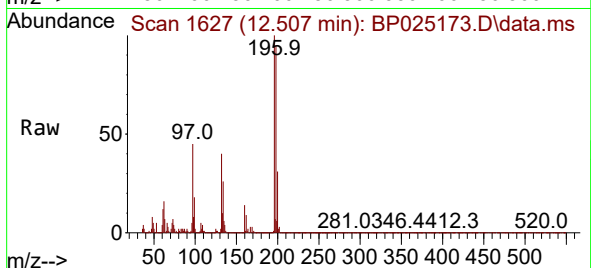
Tgt Ion:196 Resp: 1333285

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 31.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 52.887 ng

RT: 12.578 min Scan# 1639

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Tgt Ion:196 Resp: 1463581

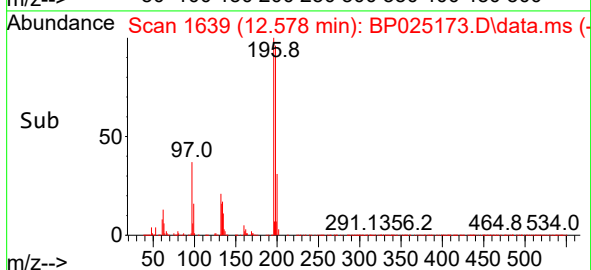
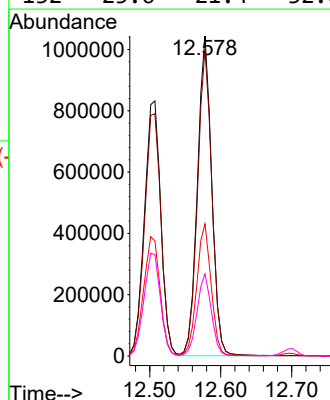
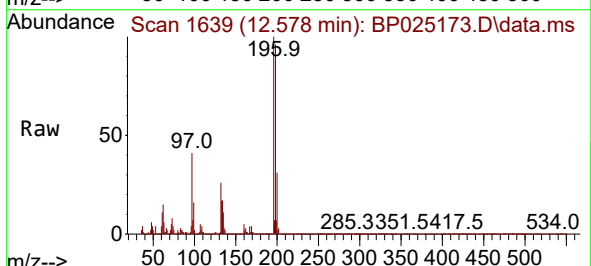
Ion Ratio Lower Upper

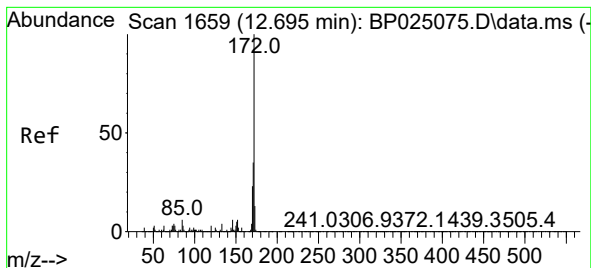
196 100

198 95.7 76.6 115.0

97 41.3 36.6 55.0

132 25.6 21.4 32.0

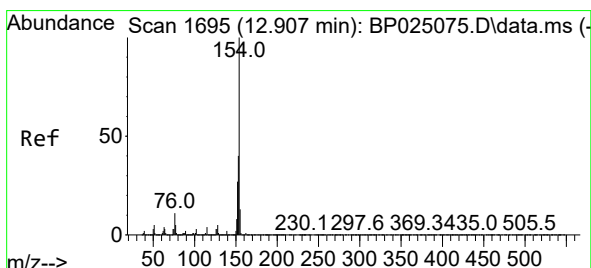
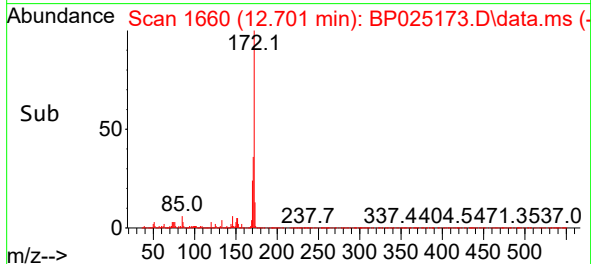
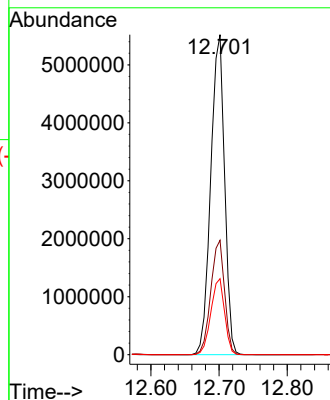
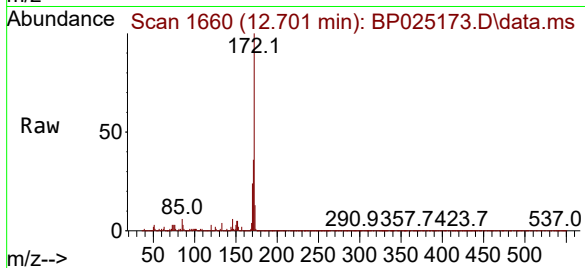




#45
2-Fluorobiphenyl
Concen: 86.127 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

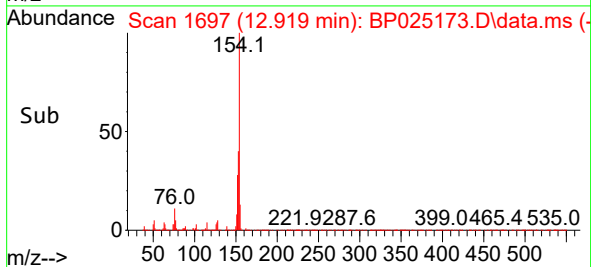
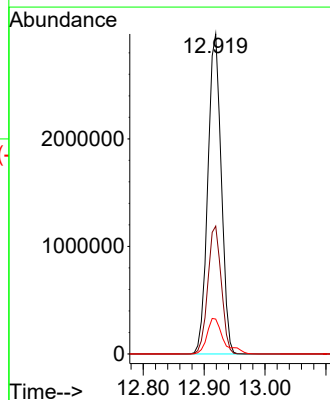
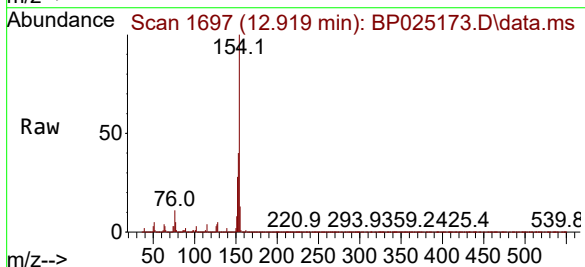
Instrument :
BNA_P
ClientSampleId :
PB168875BS

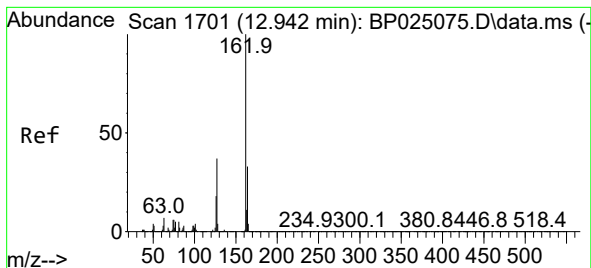
Tgt Ion:172 Resp: 7801050
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.474 ng
RT: 12.919 min Scan# 1697
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:154 Resp: 4540455
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 10.9 0.0 31.5

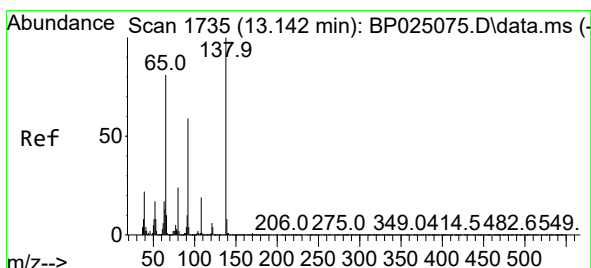
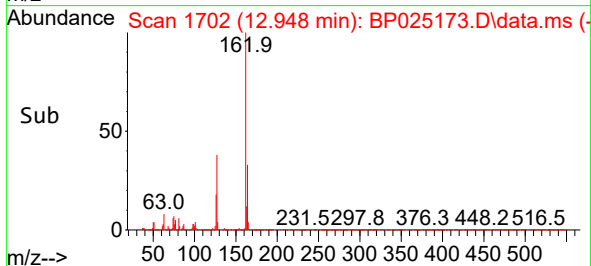
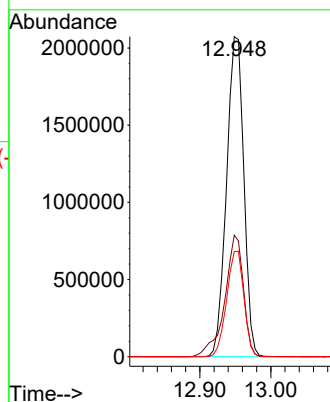
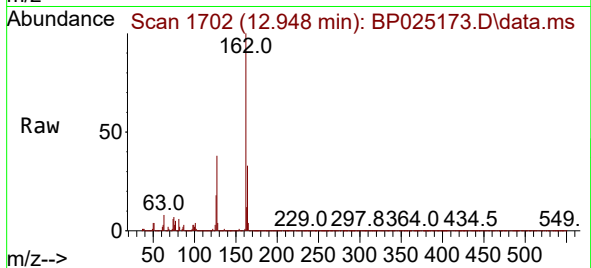




#47
2-Chloronaphthalene
Concen: 45.617 ng
RT: 12.948 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

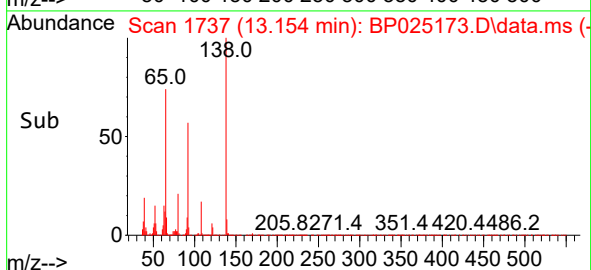
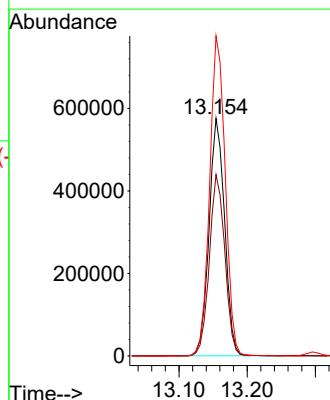
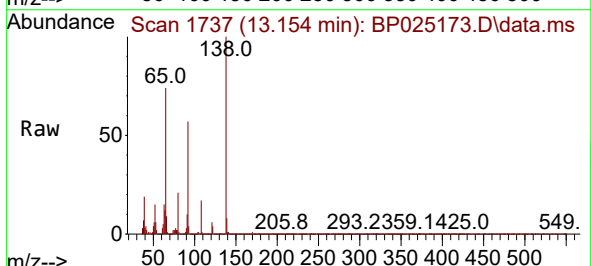
Instrument :
BNA_P
ClientSampleId :
PB168875BS

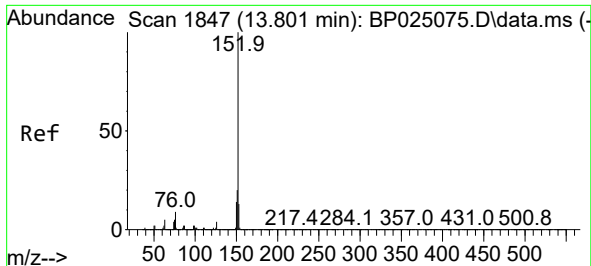
Tgt Ion:162 Resp: 3500400
Ion Ratio Lower Upper
162 100
127 38.0 29.4 44.2
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 48.559 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 65 Resp: 913402
Ion Ratio Lower Upper
65 100
92 76.4 58.7 88.1
138 134.8 99.0 148.4

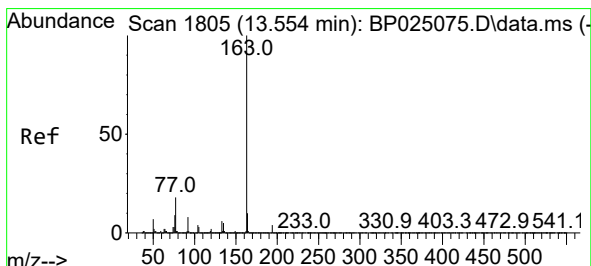
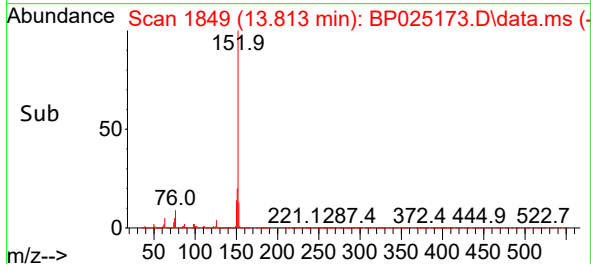
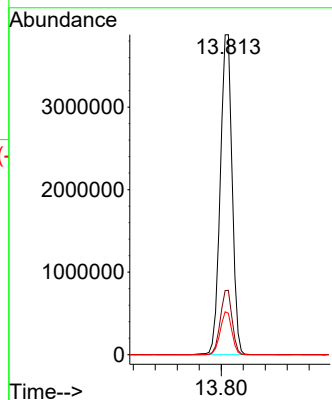
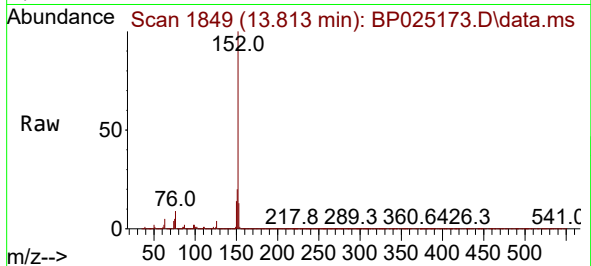




#49
Acenaphthylene
Concen: 49.336 ng
RT: 13.813 min Scan# 1849
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

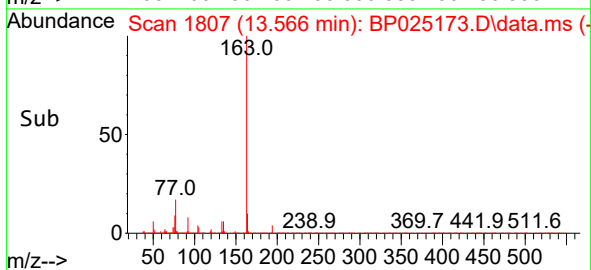
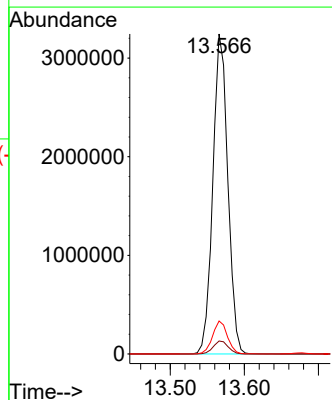
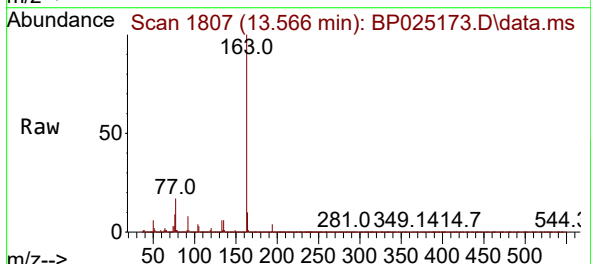
Instrument :
BNA_P
ClientSampleId :
PB168875BS

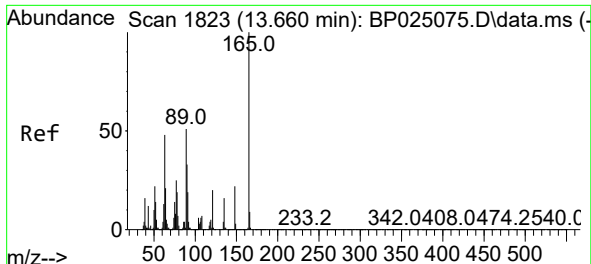
Tgt Ion:152 Resp: 5794230
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 46.309 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:163 Resp: 4548585
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

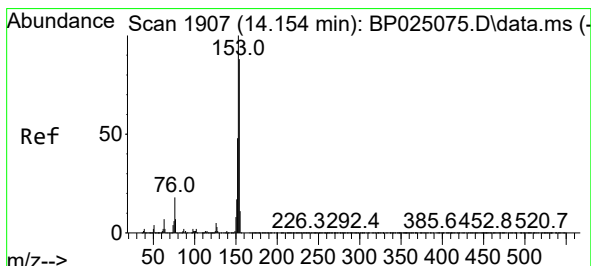
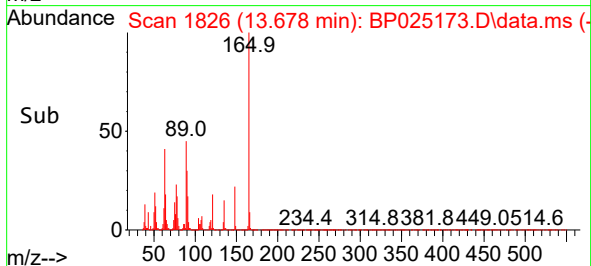
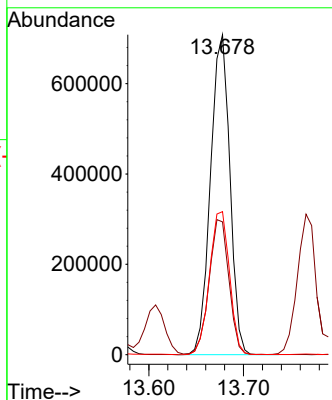
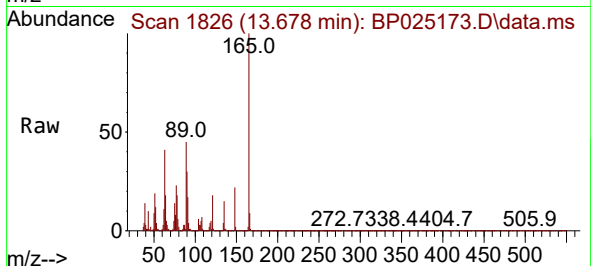




#51
2,6-Dinitrotoluene
Concen: 52.401 ng
RT: 13.678 min Scan# 1826
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

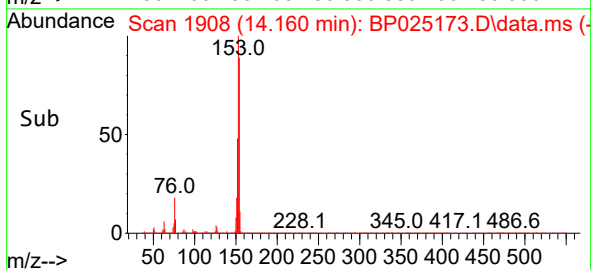
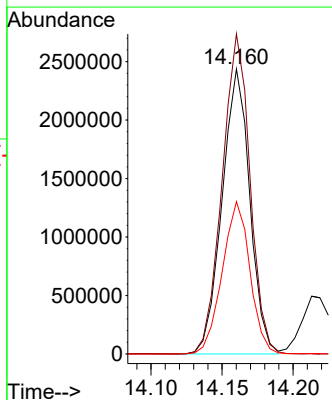
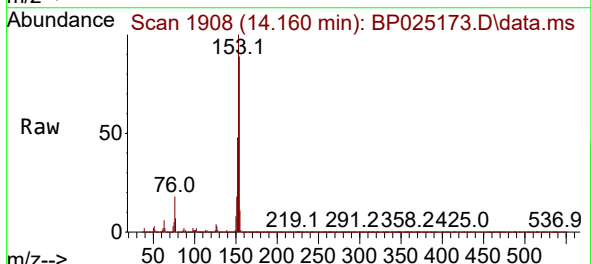
Instrument :
BNA_P
ClientSampleId :
PB168875BS

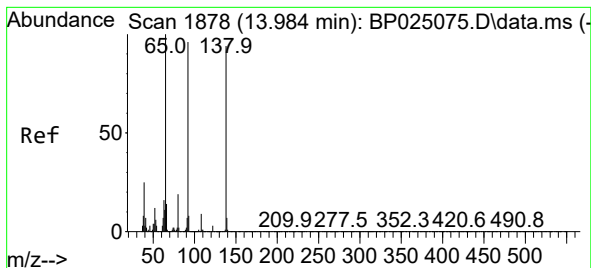
Tgt Ion:165 Resp: 1003824
Ion Ratio Lower Upper
165 100
63 41.5 38.5 57.7
89 44.7 40.6 61.0



#52
Acenaphthene
Concen: 43.686 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:154 Resp: 3306858
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 53.4 43.8 65.8





#53

3-Nitroaniline

Concen: 40.479 ng

RT: 14.007 min Scan# 1882

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

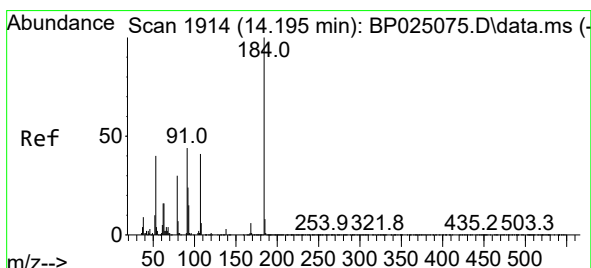
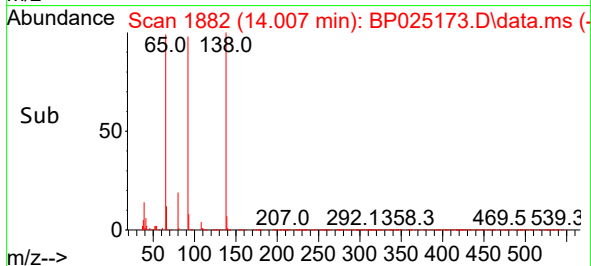
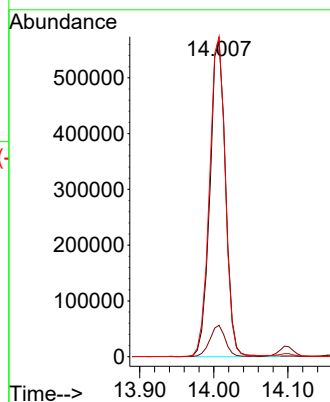
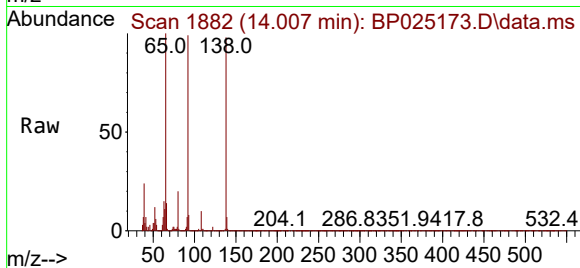
Tgt Ion:138 Resp: 831009

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

92 101.5 81.0 121.4



#54

2,4-Dinitrophenol

Concen: 130.649 ng

RT: 14.213 min Scan# 1917

Delta R.T. 0.018 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

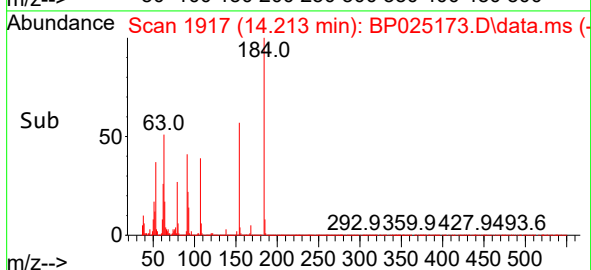
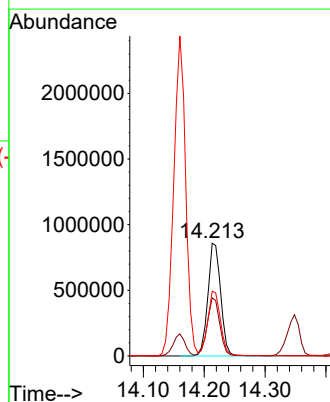
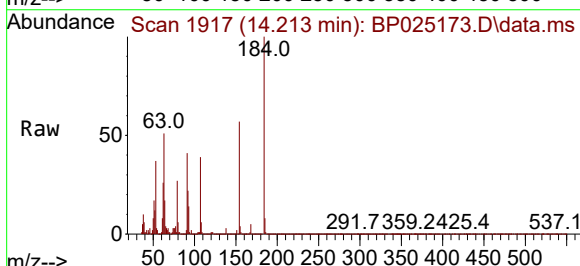
Tgt Ion:184 Resp: 1257373

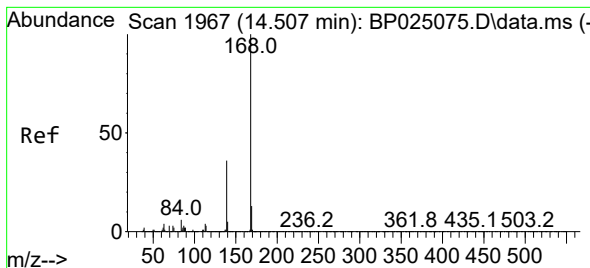
Ion Ratio Lower Upper

184 100

63 51.4 47.4 71.0

154 57.5 47.8 71.8

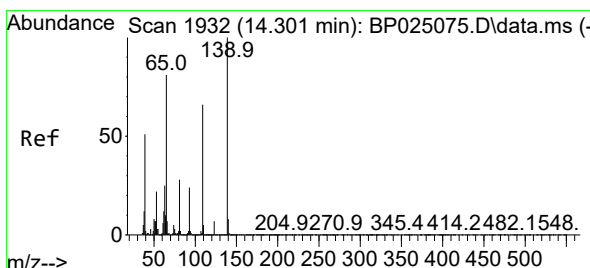
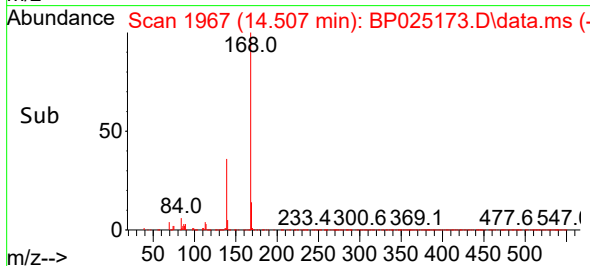
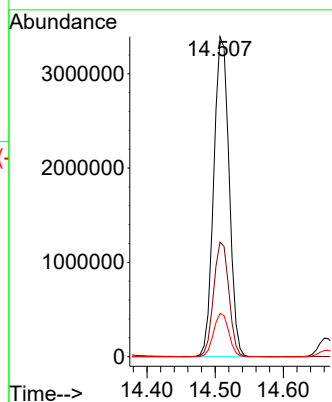
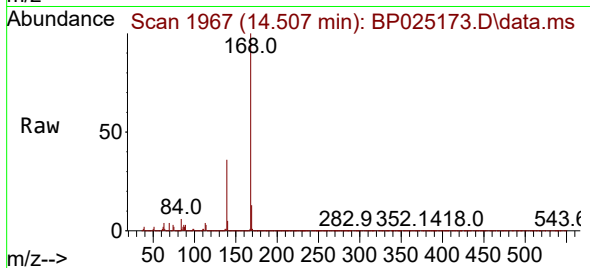




#55
Dibenzofuran
Concen: 42.552 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

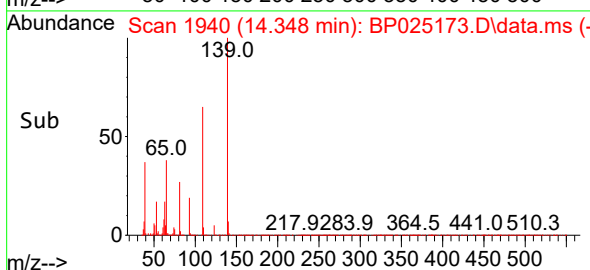
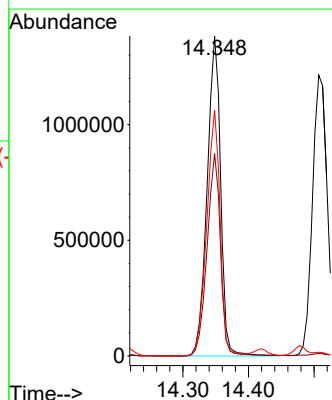
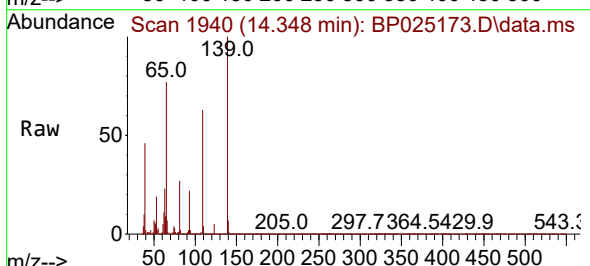
Instrument :
BNA_P
ClientSampleId :
PB168875BS

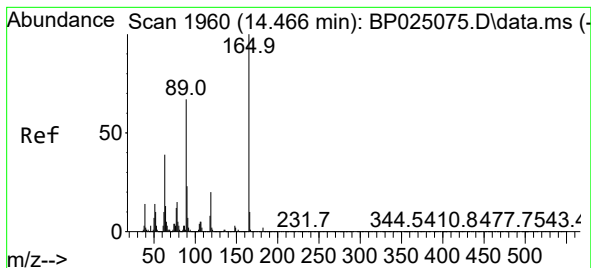
Tgt Ion:168 Resp: 5315701
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 104.561 ng
RT: 14.348 min Scan# 1940
Delta R.T. 0.047 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:139 Resp: 1980952
Ion Ratio Lower Upper
139 100
109 63.3 45.9 85.9
65 76.8 61.4 101.4

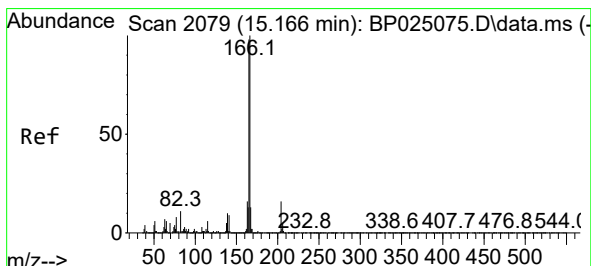
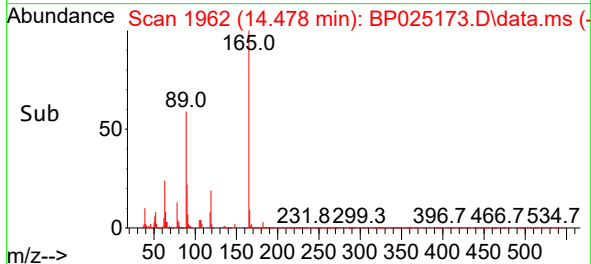
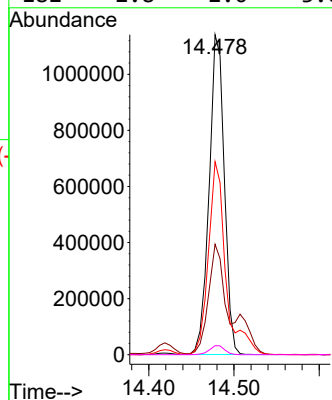
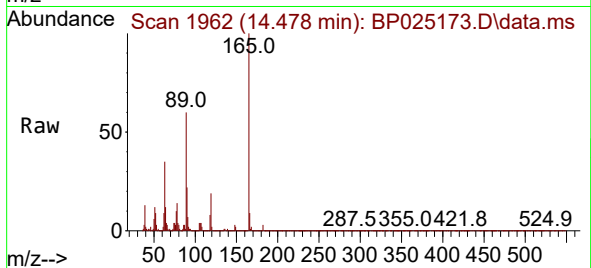




#57
2,4-Dinitrotoluene
Concen: 50.142 ng
RT: 14.478 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

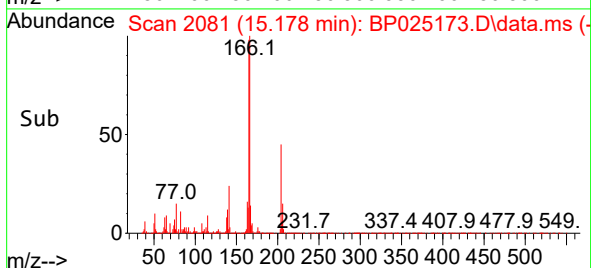
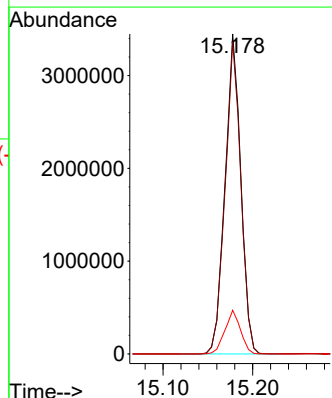
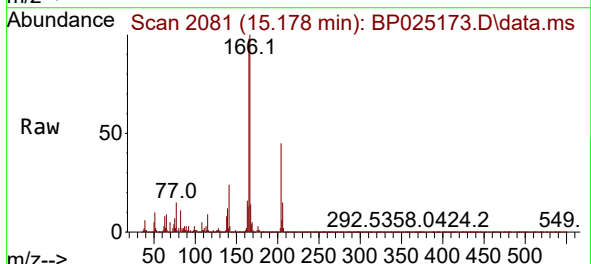
Instrument :
BNA_P
ClientSampleId :
PB168875BS

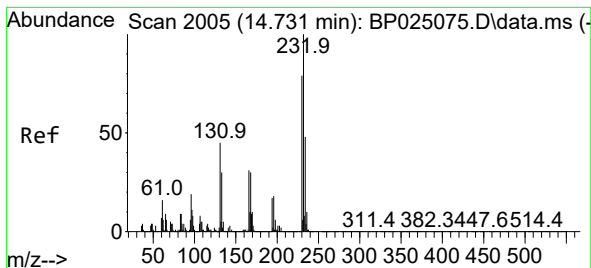
Tgt Ion:165 Resp: 1413232
Ion Ratio Lower Upper
165 100
63 34.5 31.0 46.4
89 60.3 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.582 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:166 Resp: 4211082
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.6 10.7 16.1

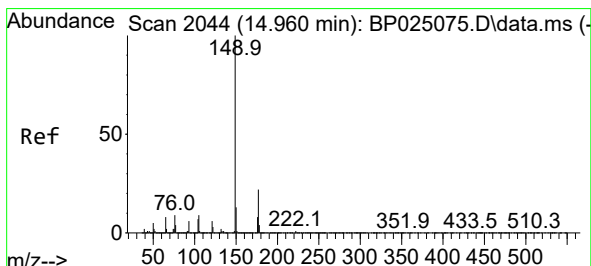
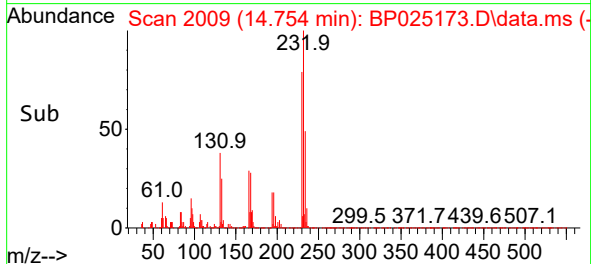
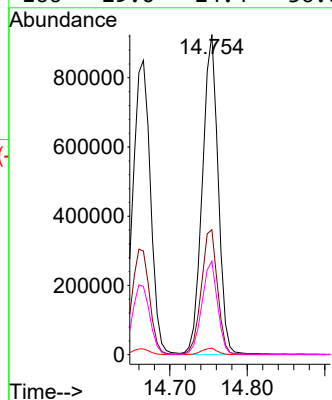
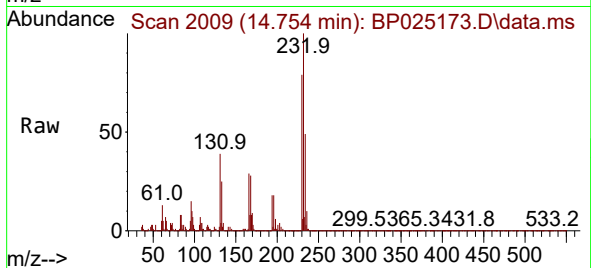




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.101 ng
RT: 14.754 min Scan# 20
Delta R.T. 0.024 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

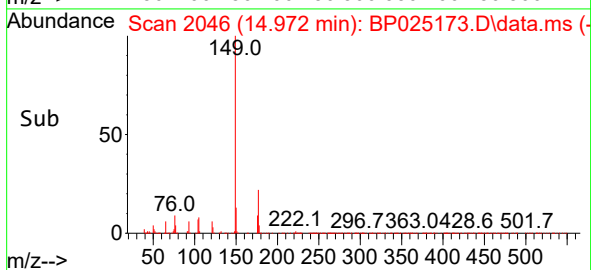
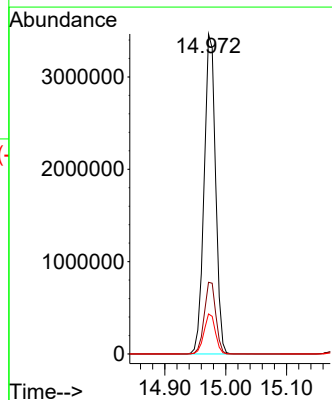
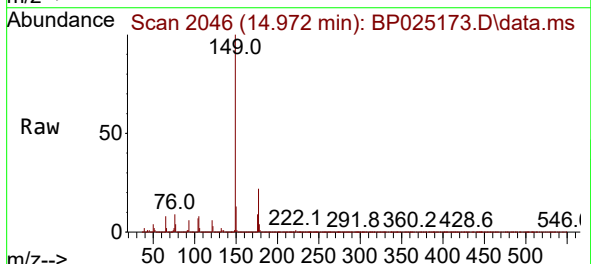
Instrument :
BNA_P
ClientSampleId :
PB168875BS

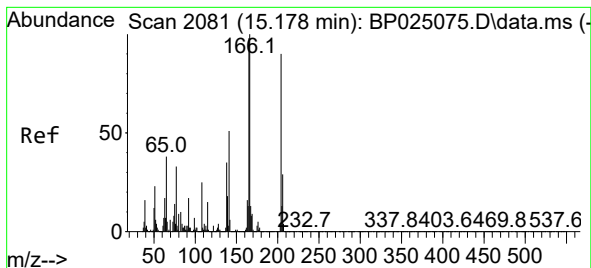
Tgt Ion:232 Resp: 1305659
Ion Ratio Lower Upper
232 100
131 40.3 35.7 53.5
130 2.0 1.8 2.6
166 29.0 24.4 36.6



#60
Diethylphthalate
Concen: 45.656 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:149 Resp: 4504090
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.5 10.2 15.2

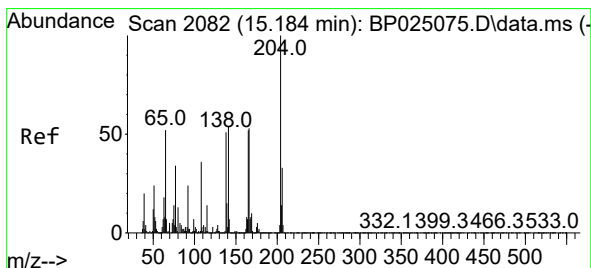
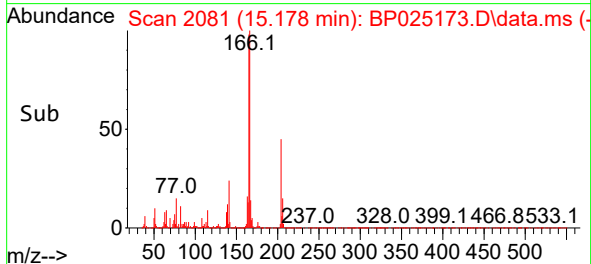
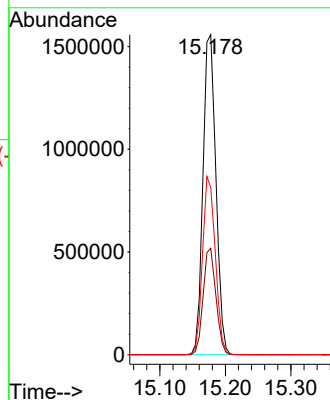
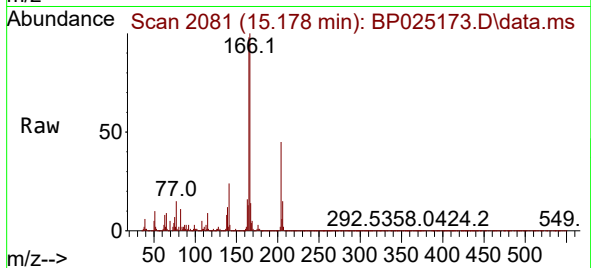




#61
4-Chlorophenyl-phenylether
Concen: 44.782 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

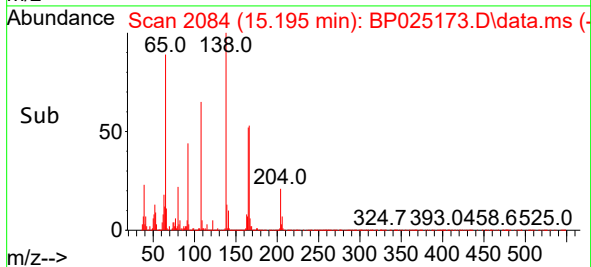
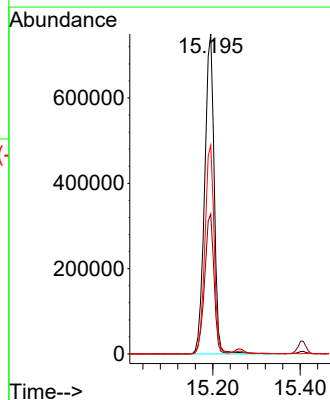
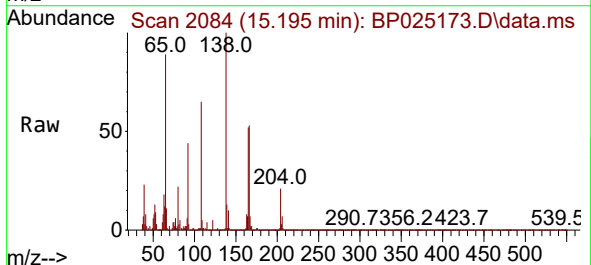
Instrument :
BNA_P
ClientSampleId :
PB168875BS

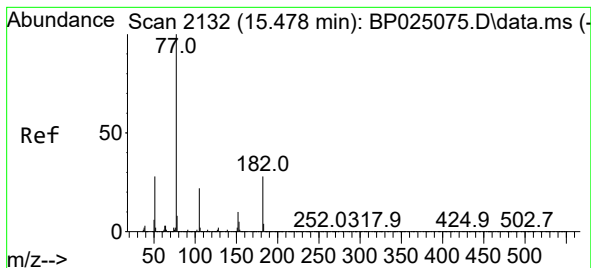
Tgt Ion:204 Resp: 2141416
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 52.2 45.1 67.7



#62
4-Nitroaniline
Concen: 52.896 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:138 Resp: 1138677
Ion Ratio Lower Upper
138 100
92 43.8 26.0 66.0
108 65.2 50.0 90.0



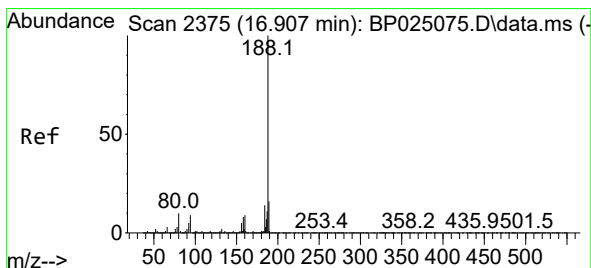
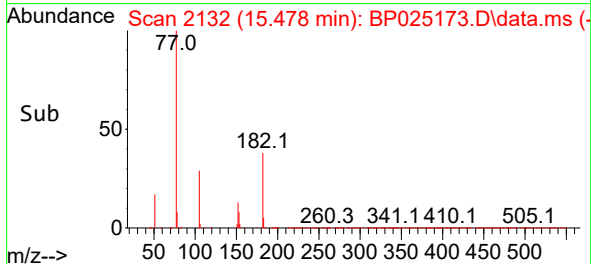
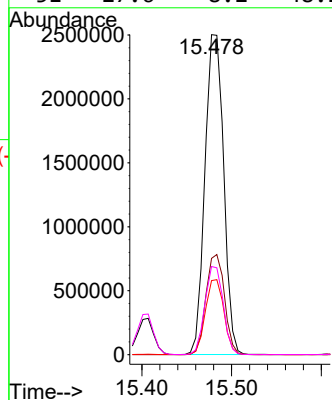
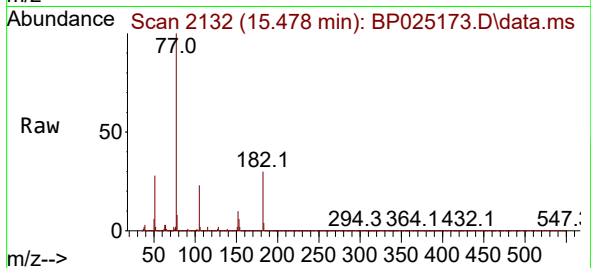


#63
Azobenzene
Concen: 41.297 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Instrument :
BNA_P
ClientSampleId :
PB168875BS

Tgt Ion: 77 Resp: 3627824

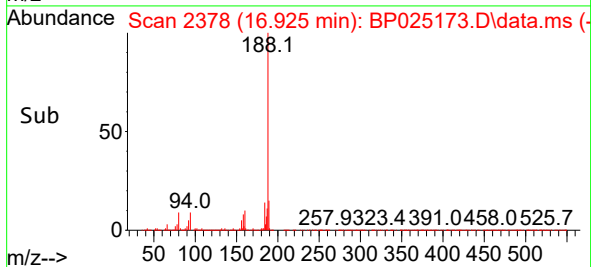
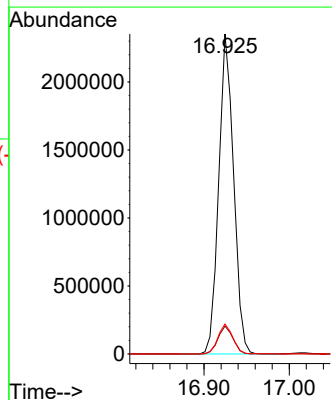
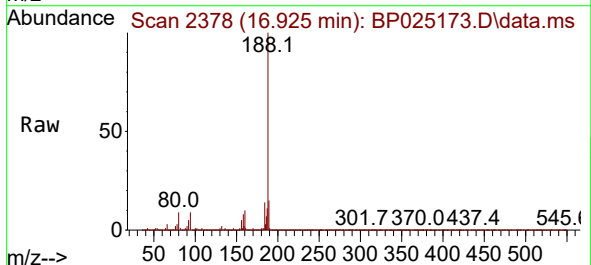
Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.7	47.7
105	23.1	1.9	41.9
51	27.6	8.2	48.2

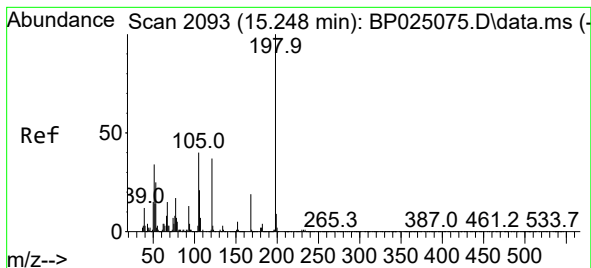


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion: 188 Resp: 2849469

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.4	7.8	11.6

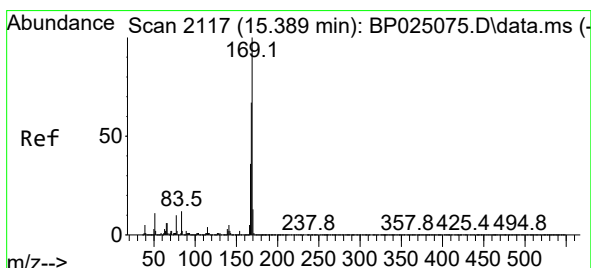
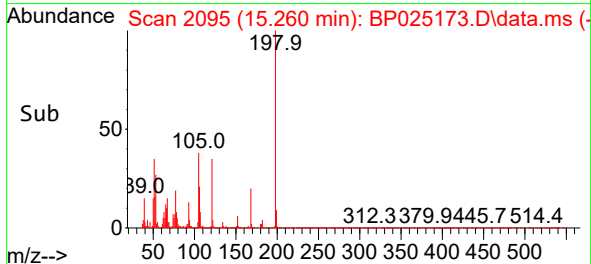
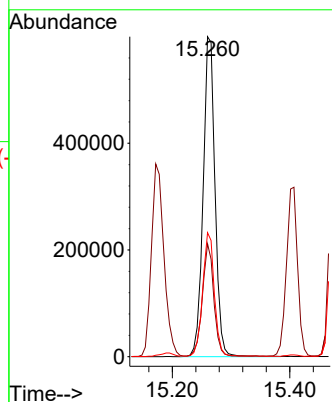
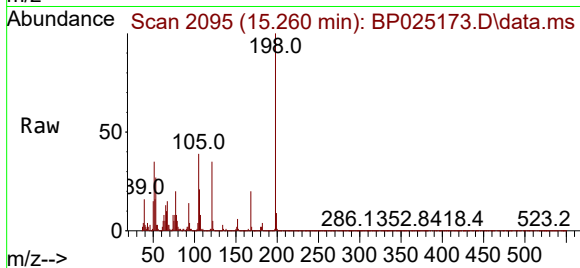




#65
4,6-Dinitro-2-methylphenol
Concen: 62.676 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

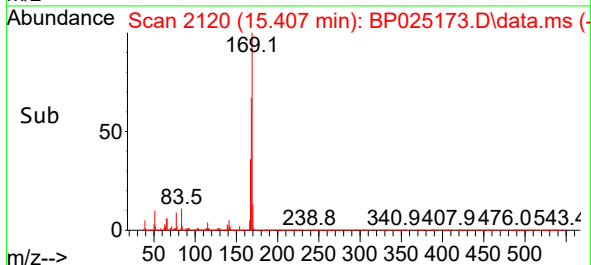
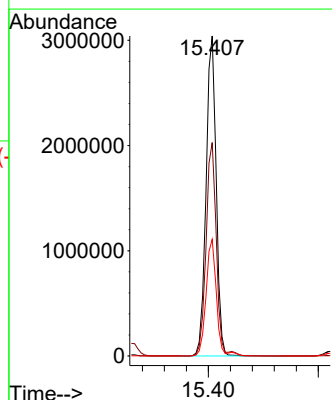
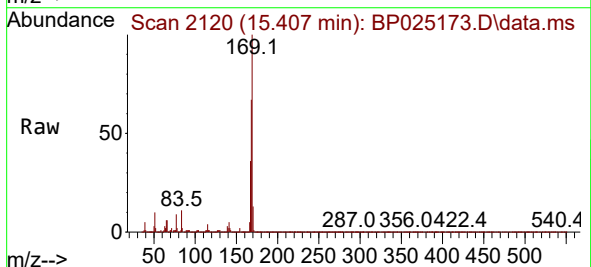
Instrument :
BNA_P
ClientSampleId :
PB168875BS

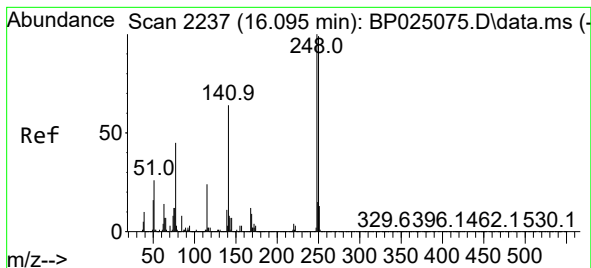
Tgt Ion:198 Resp: 837739
Ion Ratio Lower Upper
198 100
51 35.3 16.8 56.8
105 38.8 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.230 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:169 Resp: 3851506
Ion Ratio Lower Upper
169 100
168 66.7 54.1 81.1
167 36.4 29.0 43.6

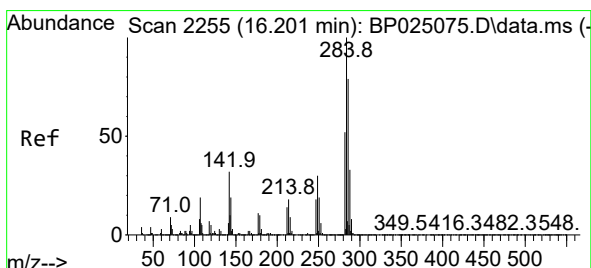
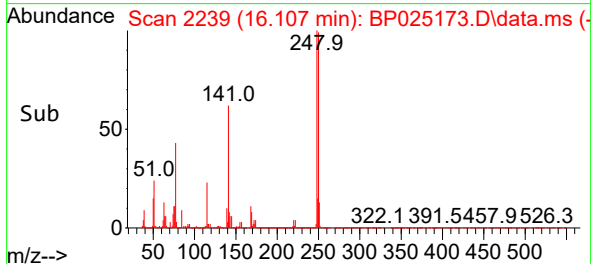
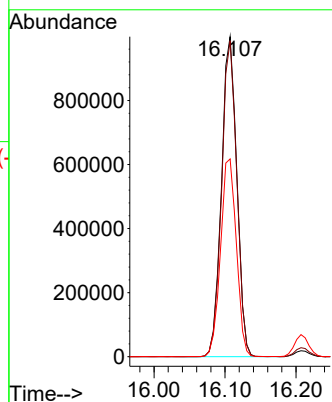
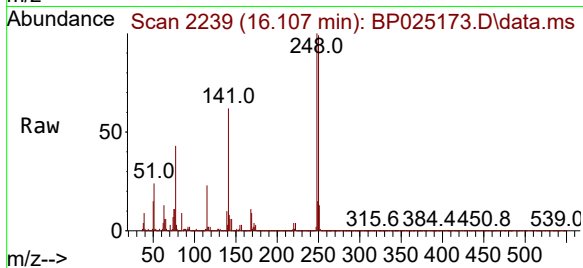




#67
4-Bromophenyl-phenylether
Concen: 51.129 ng
RT: 16.107 min Scan# 2239
Delta R.T. 0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

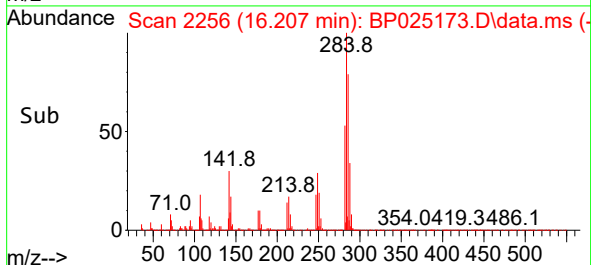
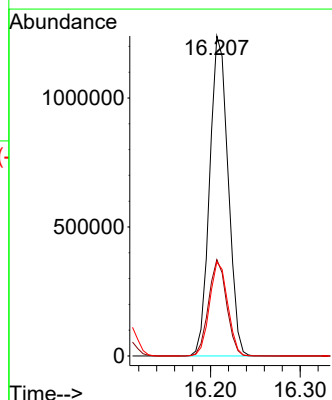
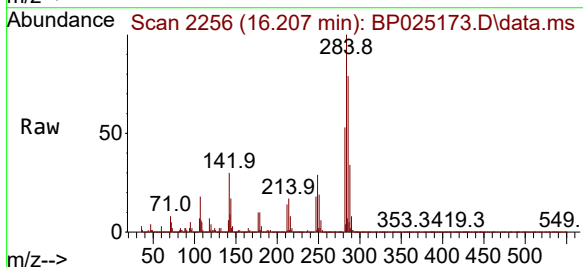
Instrument :
BNA_P
ClientSampleId :
PB168875BS

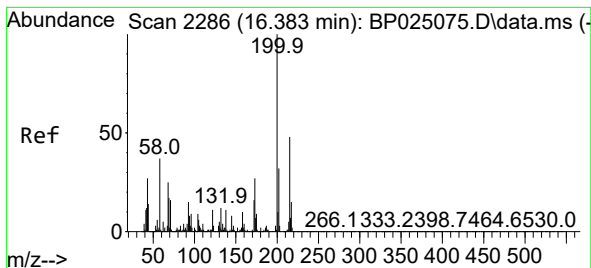
Tgt Ion:248 Resp: 1491714
Ion Ratio Lower Upper
248 100
250 98.7 79.4 119.2
141 61.8 51.4 77.0



#68
Hexachlorobenzene
Concen: 49.553 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:284 Resp: 1767093
Ion Ratio Lower Upper
284 100
142 30.1 25.9 38.9
249 29.4 23.8 35.8





#69

Atrazine

Concen: 61.619 ng

RT: 16.401 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

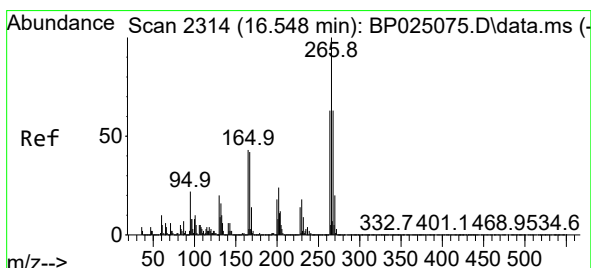
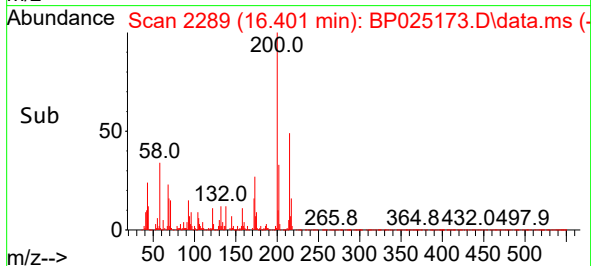
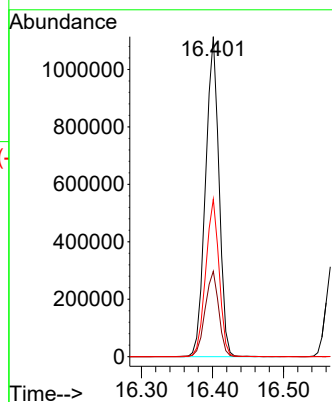
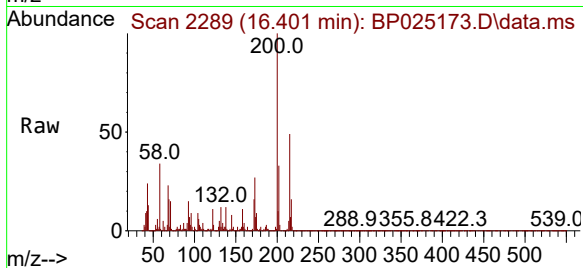
Tgt Ion:200 Resp: 1472459

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 49.2 28.0 68.0



#70

Pentachlorophenol

Concen: 103.331 ng

RT: 16.572 min Scan# 2318

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

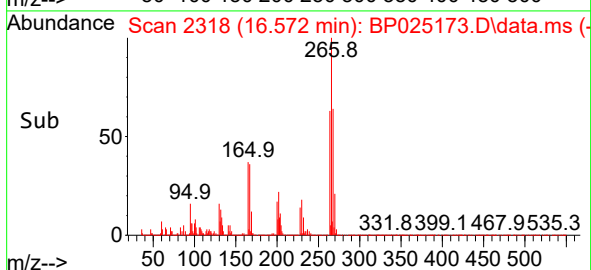
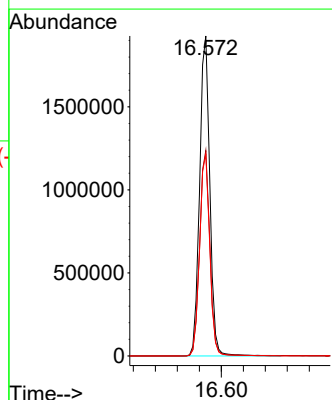
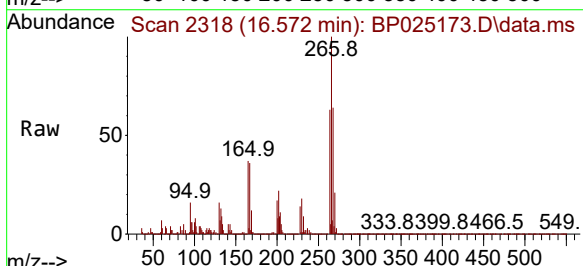
Tgt Ion:266 Resp: 2488566

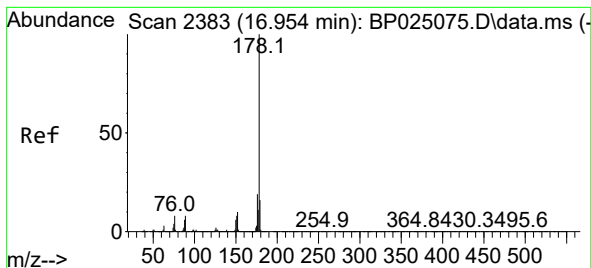
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 44.988 ng

RT: 16.966 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

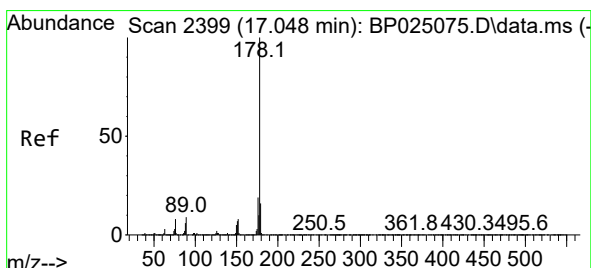
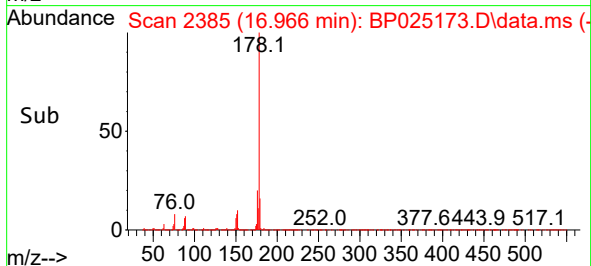
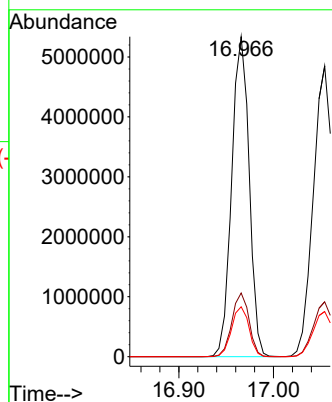
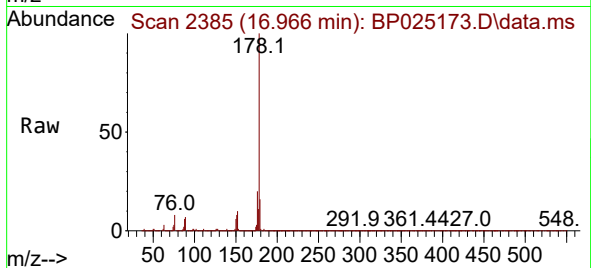
Tgt Ion:178 Resp: 6849837

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 15.6 12.6 19.0



#72

Anthracene

Concen: 48.249 ng

RT: 17.054 min Scan# 2400

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

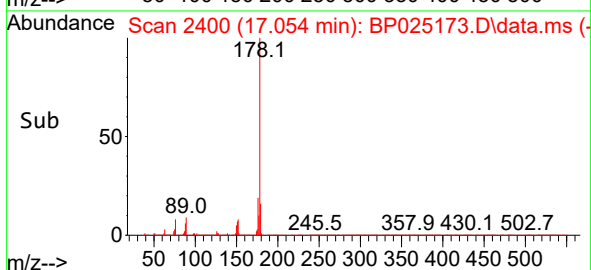
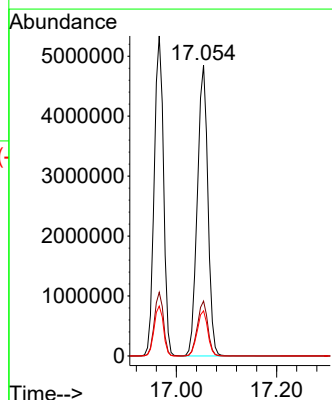
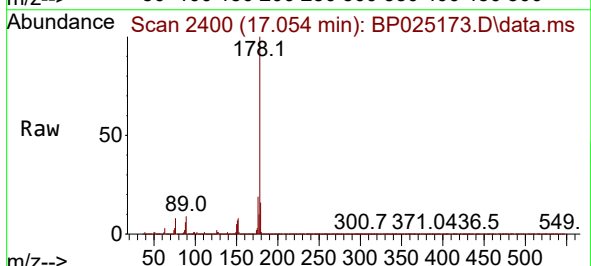
Tgt Ion:178 Resp: 7047833

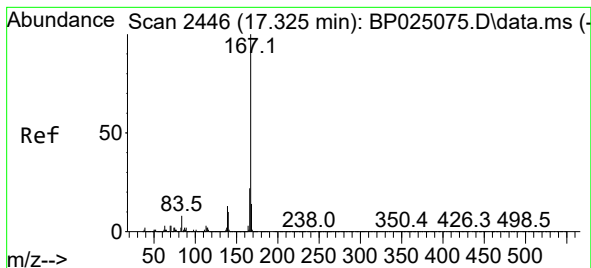
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.5 12.5 18.7





#73

Carbazole

Concen: 46.587 ng

RT: 17.342 min Scan# 2449

Delta R.T. 0.018 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

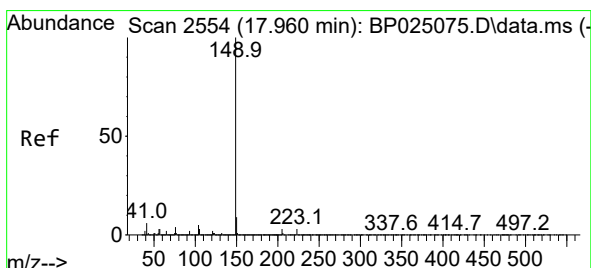
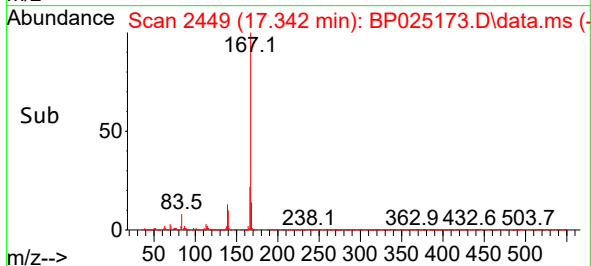
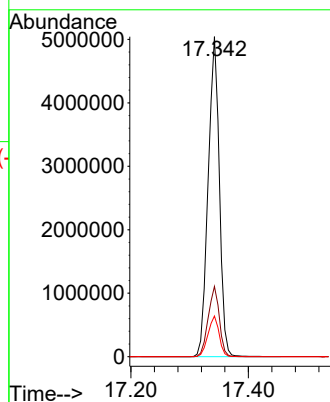
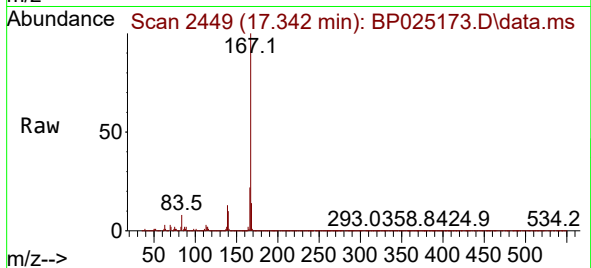
Tgt Ion:167 Resp: 6653686

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 12.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 51.223 ng

RT: 17.966 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

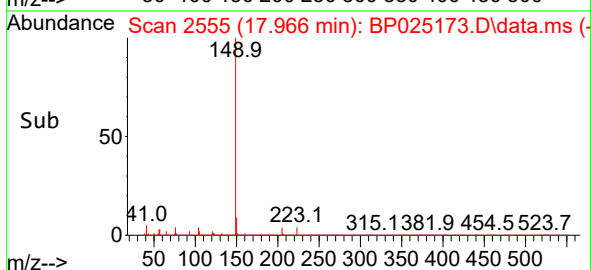
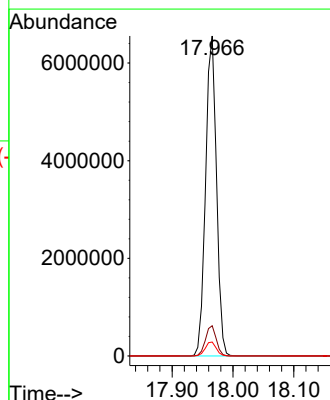
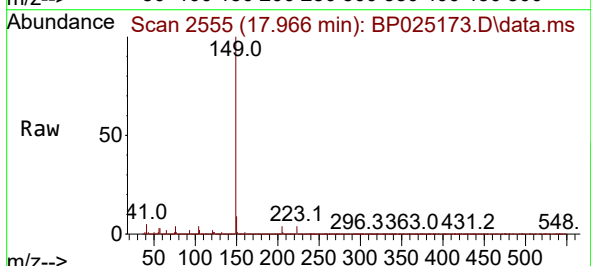
Tgt Ion:149 Resp: 8146778

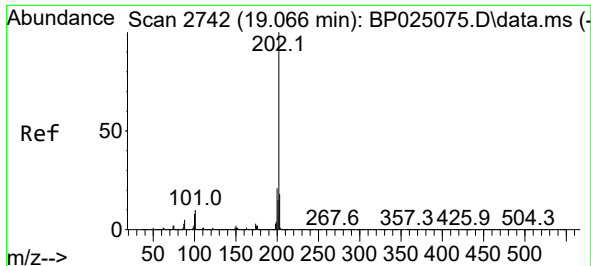
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.4 3.8 5.6

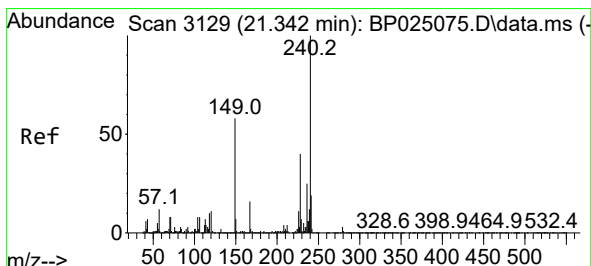
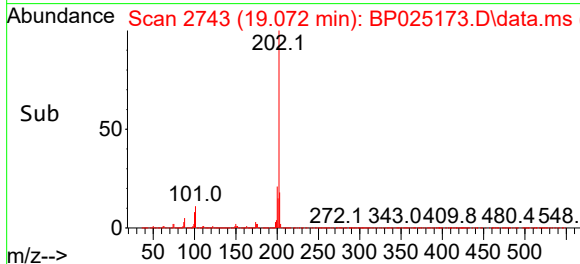
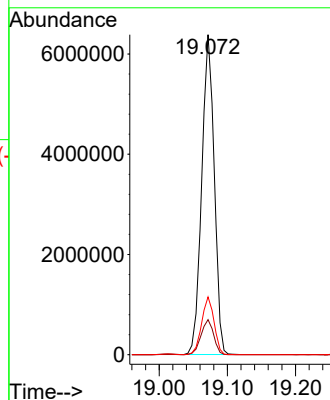
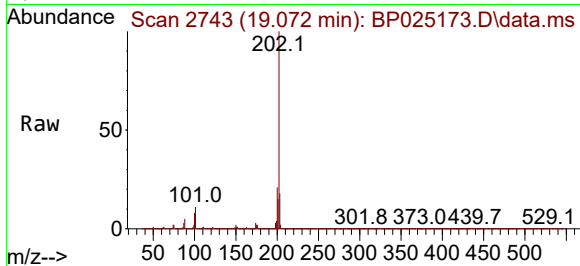




#75
Fluoranthene
Concen: 45.864 ng
RT: 19.072 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

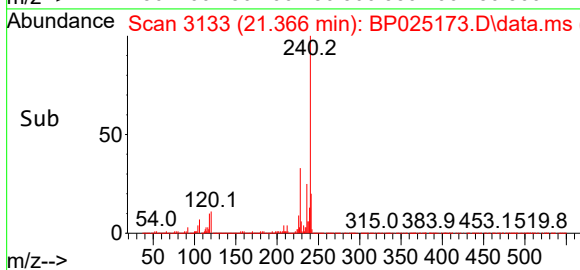
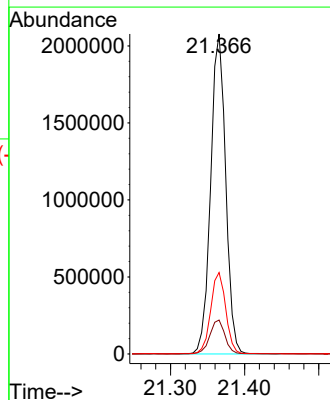
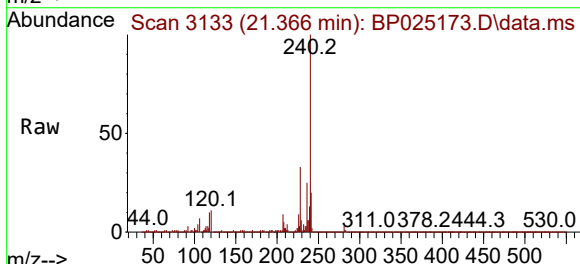
Instrument :
BNA_P
ClientSampleId :
PB168875BS

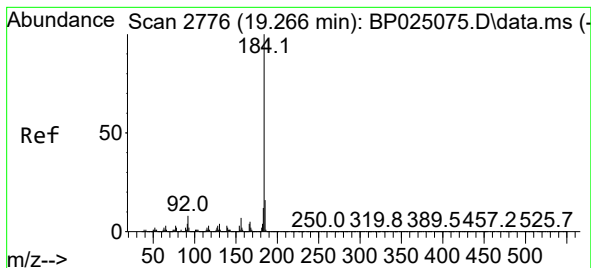
Tgt Ion:202 Resp: 8162635
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.4
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.366 min Scan# 3133
Delta R.T. 0.024 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:240 Resp: 2923114
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 25.5 20.3 30.5





#77

Benzidine

Concen: 108.939 ng

RT: 19.266 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

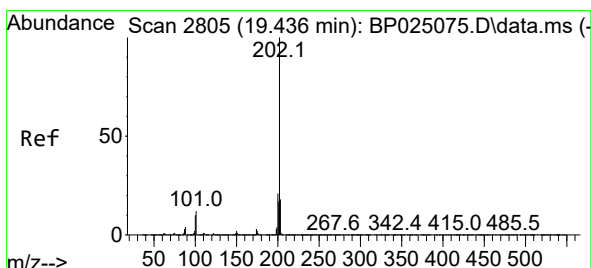
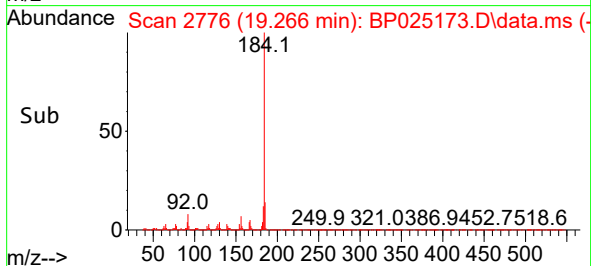
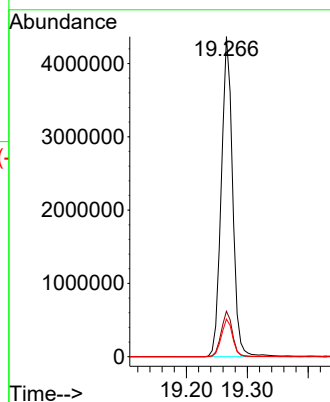
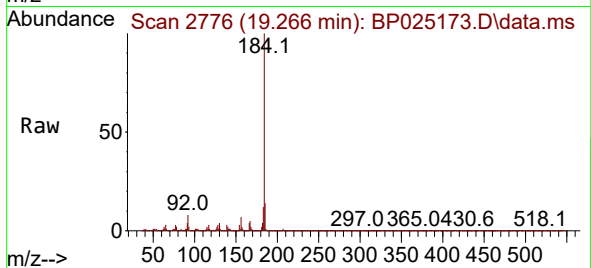
Tgt Ion:184 Resp: 5624106

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 11.8 9.4 14.2



#78

Pyrene

Concen: 46.756 ng

RT: 19.448 min Scan# 2807

Delta R.T. 0.012 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

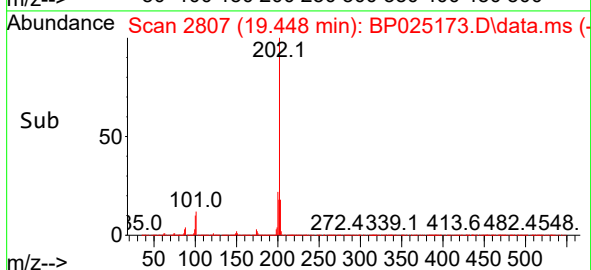
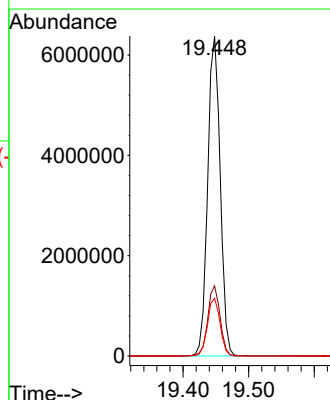
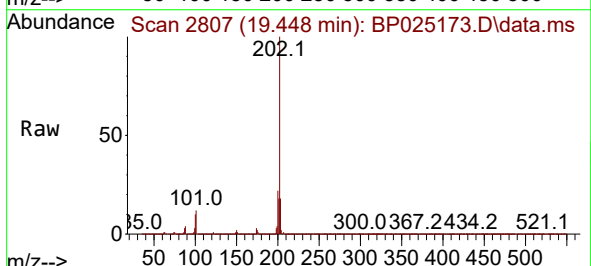
Tgt Ion:202 Resp: 8465334

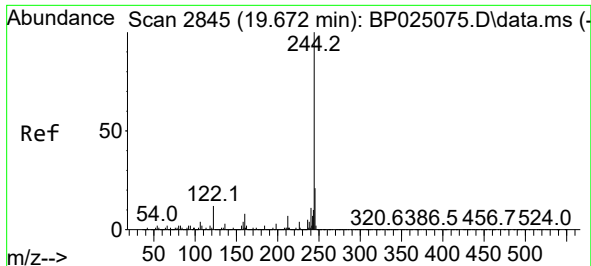
Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

203 18.1 14.1 21.1

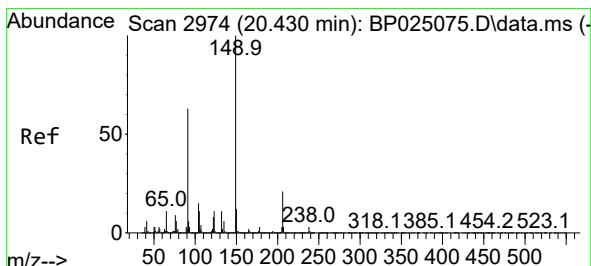
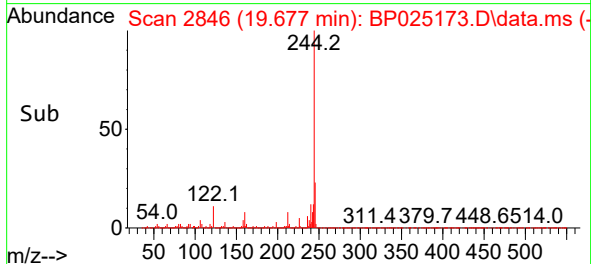
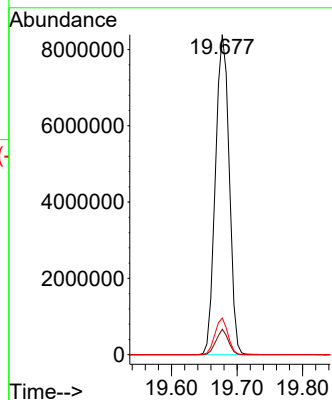
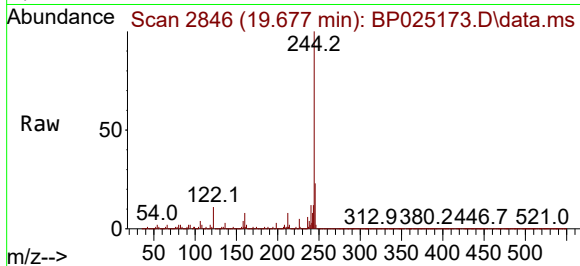




#79
 Terphenyl-d14
 Concen: 91.896 ng
 RT: 19.677 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025173.D
 Acq: 17 Jul 2025 11:26

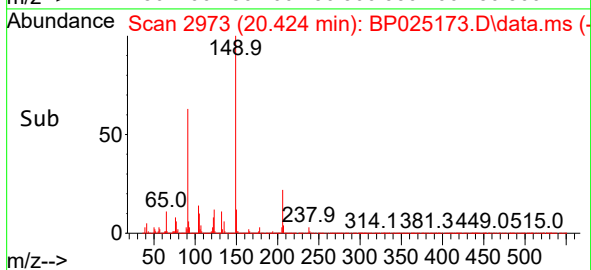
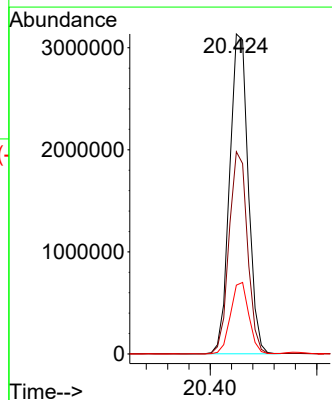
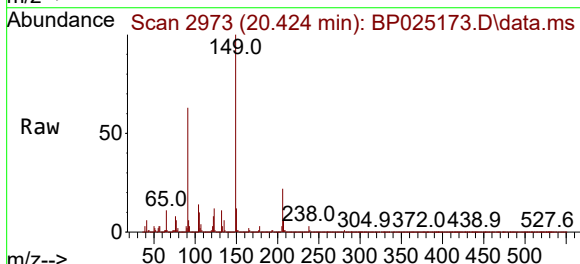
Instrument :
 BNA_P
 ClientSampleId :
 PB168875BS

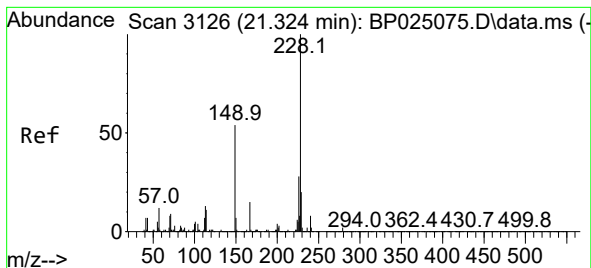
Tgt Ion:244 Resp:12222378
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 11.5 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 53.727 ng
 RT: 20.424 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BP025173.D
 Acq: 17 Jul 2025 11:26

Tgt Ion:149 Resp: 3780983
 Ion Ratio Lower Upper
 149 100
 91 63.2 50.6 76.0
 206 21.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 47.882 ng

RT: 21.348 min Scan# 3112

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

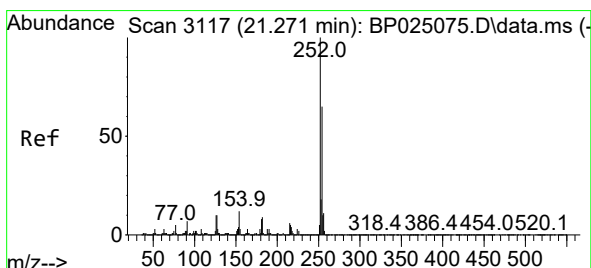
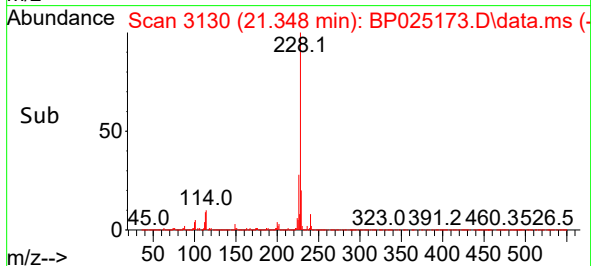
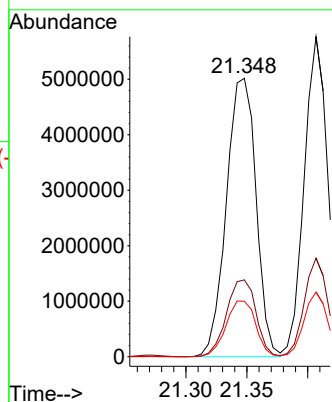
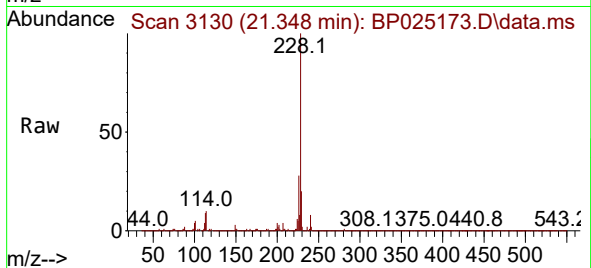
Tgt Ion:228 Resp: 8482051

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 47.929 ng

RT: 21.271 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

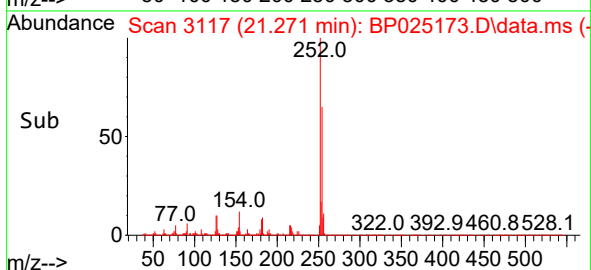
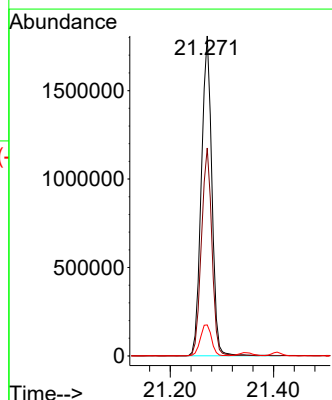
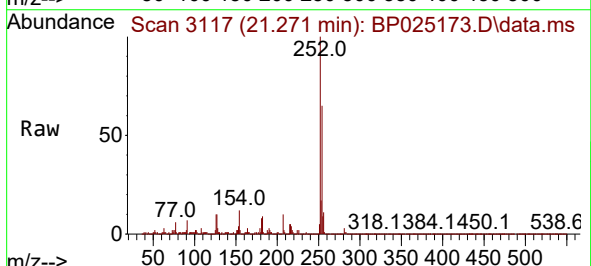
Tgt Ion:252 Resp: 2555924

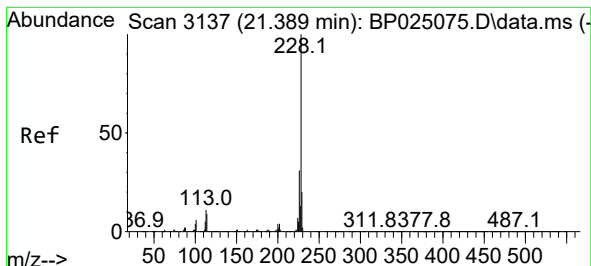
Ion Ratio Lower Upper

252 100

254 65.0 51.9 77.9

126 9.7 8.1 12.1





#83

Chrysene

Concen: 45.591 ng

RT: 21.407 min Scan# 3137

Delta R.T. 0.018 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

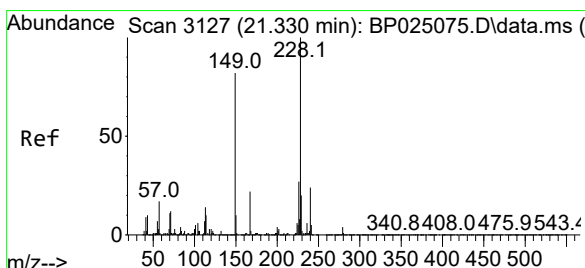
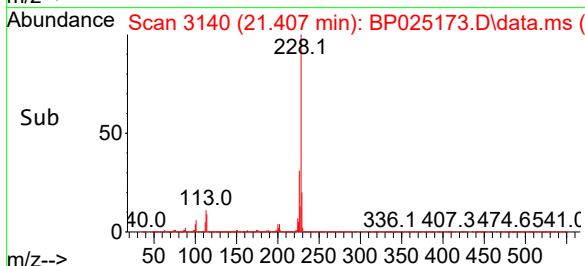
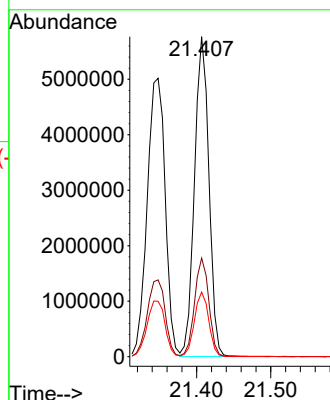
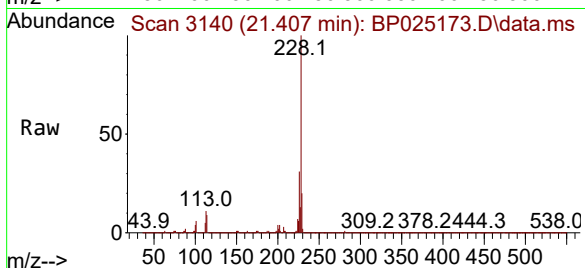
Tgt Ion:228 Resp: 7772130

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.028 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

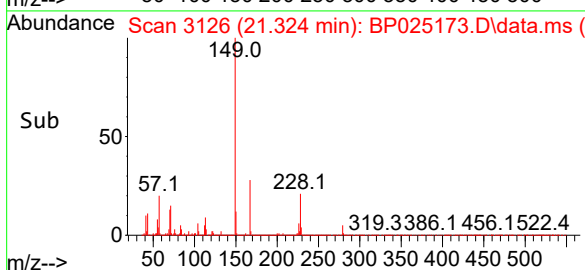
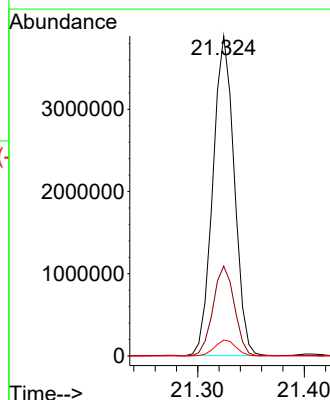
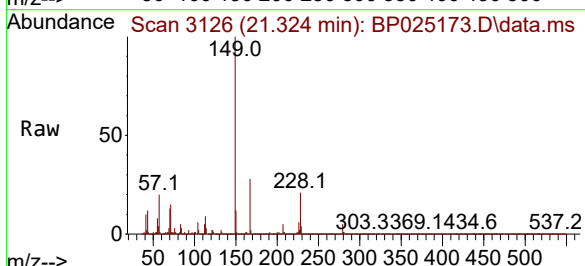
Tgt Ion:149 Resp: 5418713

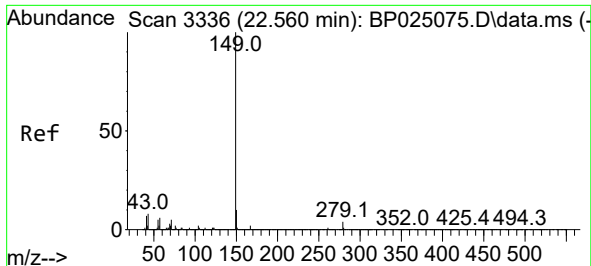
Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

279 5.0 3.5 5.3

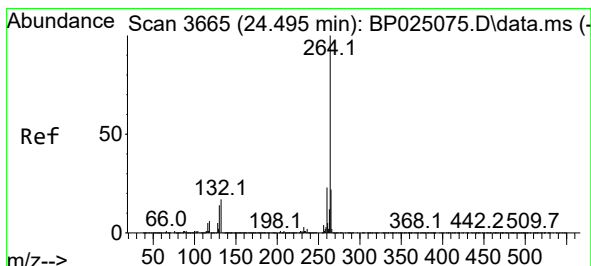
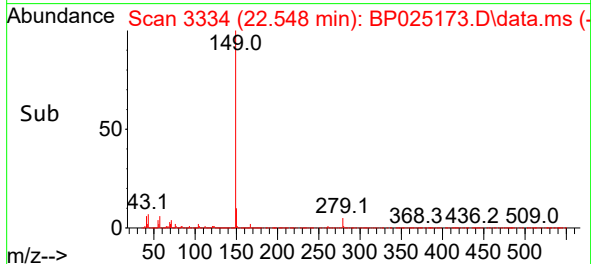
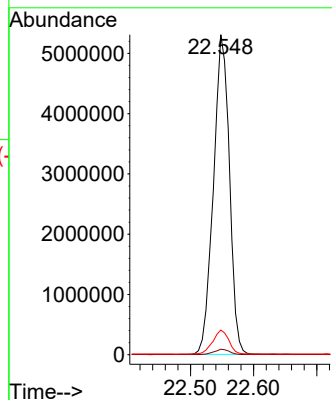
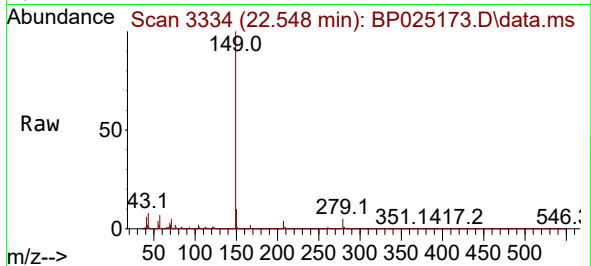




#85
Di-n-octyl phthalate
Concen: 52.936 ng
RT: 22.548 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

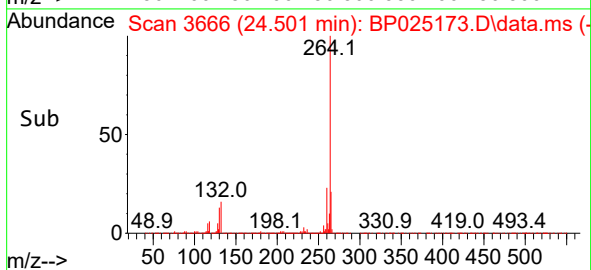
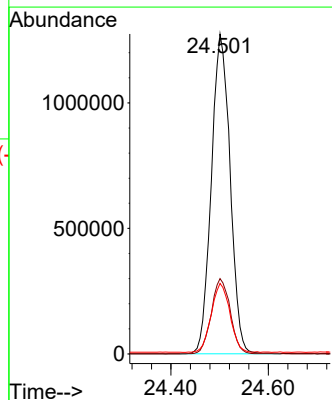
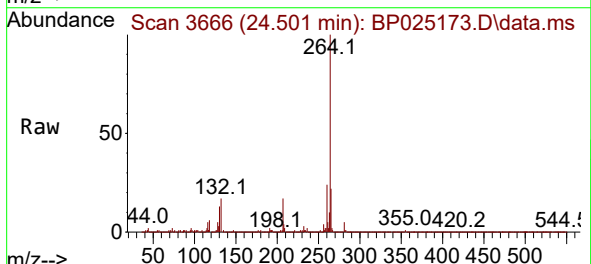
Instrument :
BNA_P
ClientSampleId :
PB168875BS

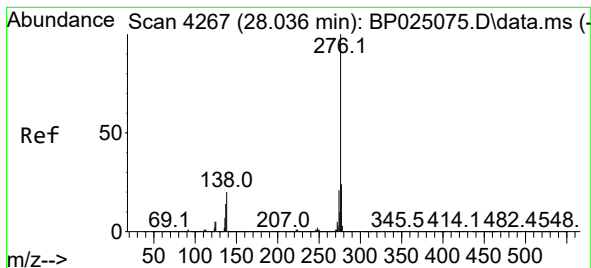
Tgt Ion:149 Resp: 9348178
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025173.D
Acq: 17 Jul 2025 11:26

Tgt Ion:264 Resp: 3399638
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.249 ng m

RT: 28.059 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

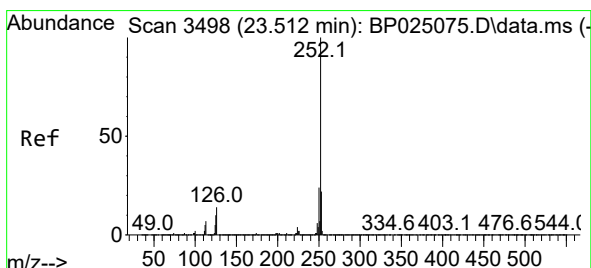
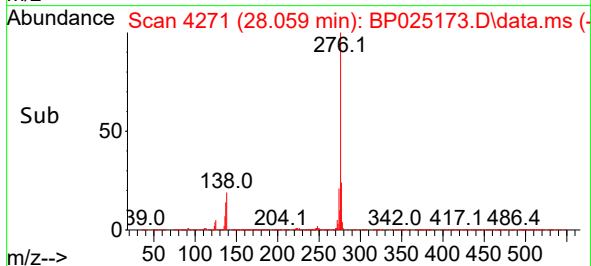
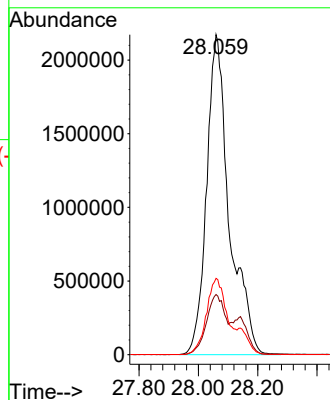
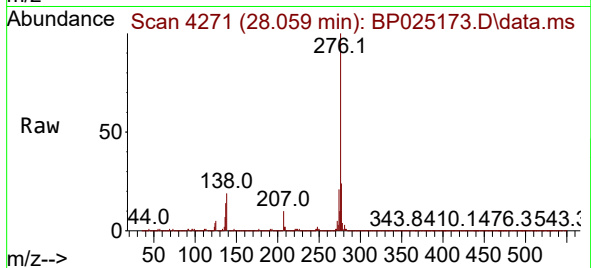
Tgt Ion:276 Resp:11532356

Ion Ratio Lower Upper

276 100

138 15.8 13.0 19.6

277 21.6 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 45.883 ng

RT: 23.518 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

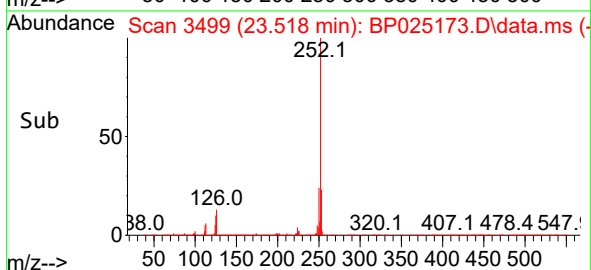
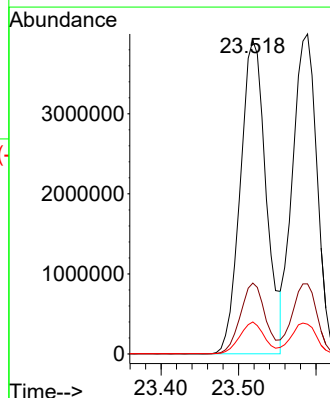
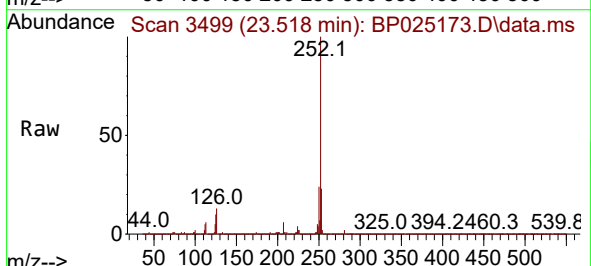
Tgt Ion:252 Resp: 9079068

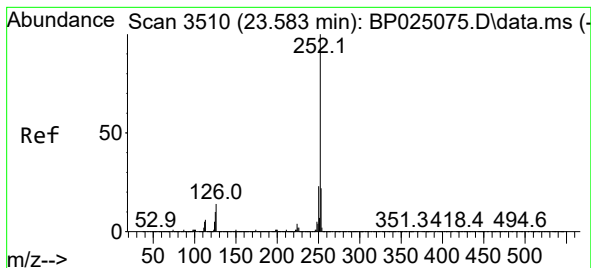
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.410 ng

RT: 23.589 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

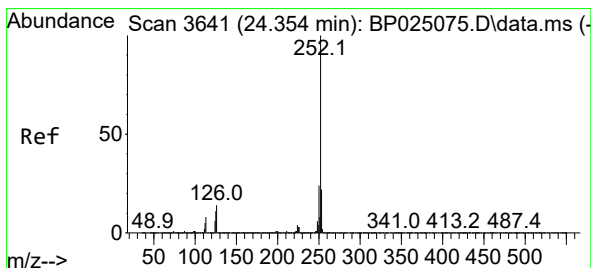
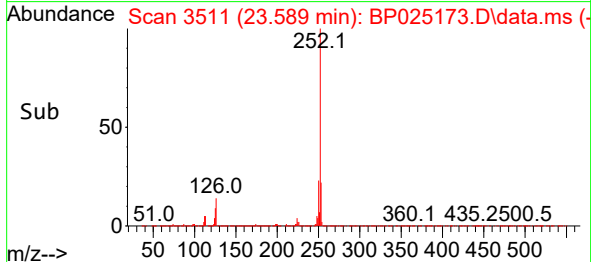
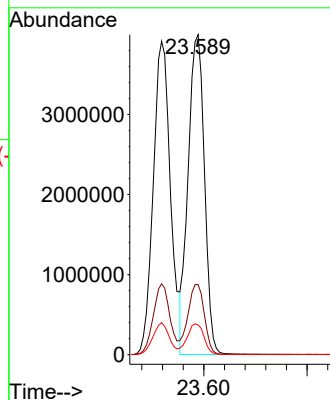
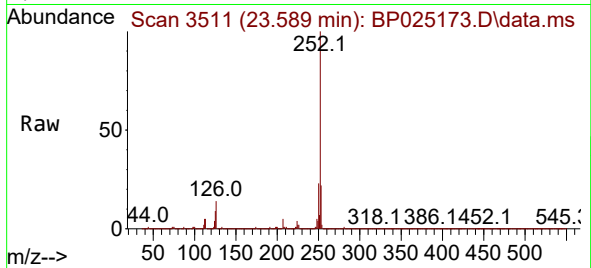
Tgt Ion:252 Resp: 8743621

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.3 8.2 12.2



#90

Benzo(a)pyrene

Concen: 51.125 ng

RT: 24.348 min Scan# 3640

Delta R.T. -0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

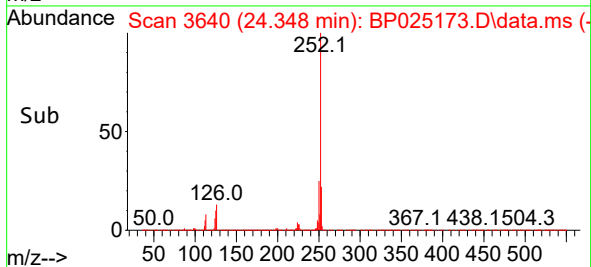
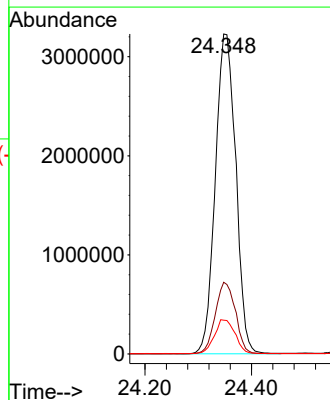
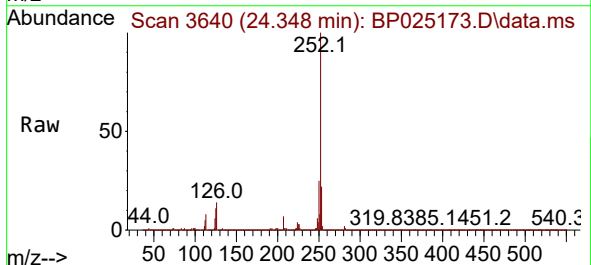
Tgt Ion:252 Resp: 8610064

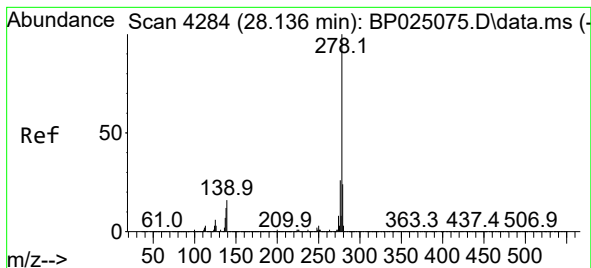
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 52.225 ng

RT: 28.142 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Instrument :

BNA_P

ClientSampleId :

PB168875BS

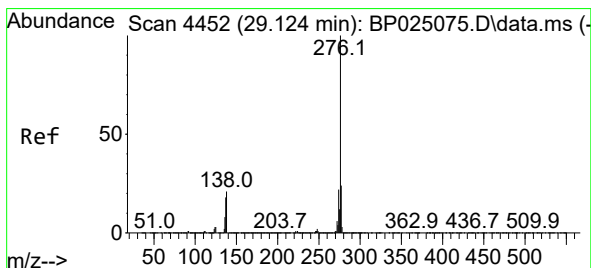
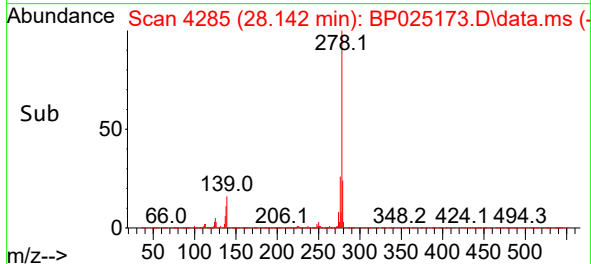
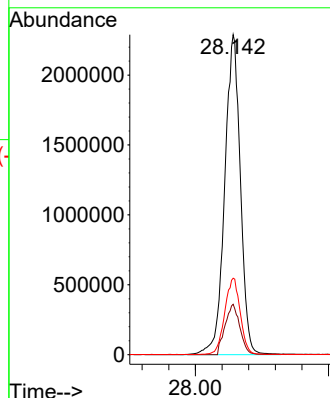
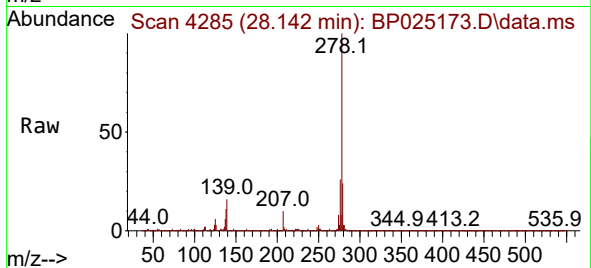
Tgt Ion:278 Resp: 9349413

Ion Ratio Lower Upper

278 100

139 15.7 13.1 19.7

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.927 ng

RT: 29.159 min Scan# 4458

Delta R.T. 0.035 min

Lab File: BP025173.D

Acq: 17 Jul 2025 11:26

Tgt Ion:276 Resp: 9233315

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.8 16.9 25.3

