

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025084.D
 Acq On : 10 Jul 2025 15:30
 Operator : CG/JU
 Sample : PB168767BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168767BS

Quant Time: Jul 10 16:04:09 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	420219	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1675734	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1078667	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2205227	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2320390	20.000	ng	0.01
86) Perylene-d12	24.483	264	2463988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3677464	155.060	ng	0.00
7) Phenol-d6	6.637	99	4566959	147.562	ng	0.00
23) Nitrobenzene-d5	8.572	82	2605524	103.406	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2048035	160.723	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6881510	98.831	ng	0.00
79) Terphenyl-d14	19.672	244	11065557	104.809	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.126	88	373761	40.528	ng	98
3) Pyridine	3.490	79	1028001	40.715	ng	98
4) n-Nitrosodimethylamine	3.402	42	499478	46.722	ng	100
6) Aniline	6.784	93	1597351	55.239	ng	100
8) 2-Chlorophenol	7.019	128	1356628	51.125	ng	99
9) Benzaldehyde	6.602	77	848079	52.469	ng	98
10) Phenol	6.661	94	1613057	51.294	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1164922	48.133	ng	99
12) 1,3-Dichlorobenzene	7.337	146	1456973	49.060	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1481917	49.286	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1425591	49.287	ng	99
15) Benzyl Alcohol	7.672	79	1035528	50.130	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1532122	48.687	ng	99
17) 2-Methylphenol	7.878	107	1110811	54.836	ng	99
18) Hexachloroethane	8.502	117	494199	50.453	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	853726	46.513	ng	99
20) 3+4-Methylphenols	8.202	107	1467393	51.717	ng	99
22) Acetophenone	8.243	105	1854219	46.788	ng	99
24) Nitrobenzene	8.613	77	1286544	50.128	ng	97
25) Isophorone	9.137	82	2421562	51.426	ng	99
26) 2-Nitrophenol	9.313	139	569593	45.890	ng	99
27) 2,4-Dimethylphenol	9.384	122	1279756	72.857	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1553510	48.588	ng	99
29) 2,4-Dichlorophenol	9.837	162	1289854	52.957	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1328347	49.248	ng	98
31) Naphthalene	10.237	128	4025792	46.656	ng	100
32) Benzoic acid	9.519	122	768871	44.356	ng	99
33) 4-Chloroaniline	10.343	127	1087831	33.782	ng	99
34) Hexachlorobutadiene	10.537	225	765704	49.469	ng	100
35) Caprolactam	11.113	113	411589m	49.396	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1332551	52.353	ng	100
37) 2-Methylnaphthalene	11.866	142	2607625	42.831	ng	100
38) 1-Methylnaphthalene	12.090	142	2756932	46.431	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1474649	47.568	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1685391	208.137	ng	98
43) 2,4,6-Trichlorophenol	12.490	196	1031791	54.966	ng	98

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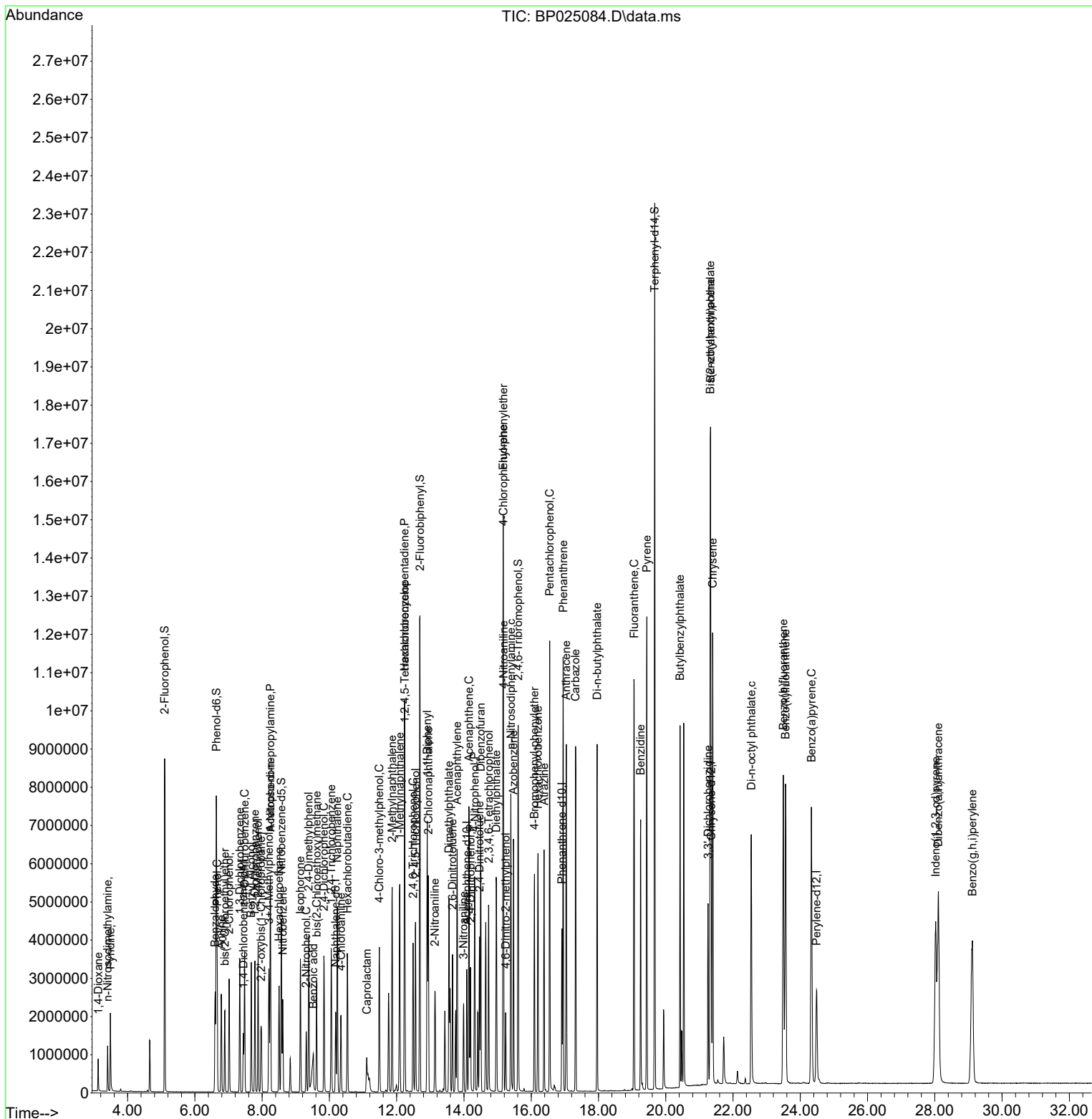
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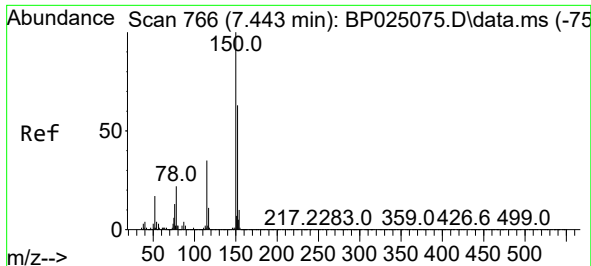
Quant Time: Jul 10 16:04:09 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1173309	55.153	ng	99
46) 1,1'-Biphenyl	12.907	154	3743427	47.698	ng	100
47) 2-Chloronaphthalene	12.943	162	2861497	48.510	ng	100
48) 2-Nitroaniline	13.137	65	736535	50.801	ng	99
49) Acenaphthylene	13.796	152	4892015	54.185	ng	100
50) Dimethylphthalate	13.554	163	3705549	49.076	ng	99
51) 2,6-Dinitrotoluene	13.660	165	792263	53.800	ng	99
52) Acenaphthene	14.148	154	2803184	48.173	ng	100
53) 3-Nitroaniline	13.990	138	633192	40.122	ng	98
54) 2,4-Dinitrophenol	14.195	184	751646	102.794	ng	95
55) Dibenzofuran	14.495	168	4501415	46.874	ng	99
56) 4-Nitrophenol	14.319	139	1609549	110.515	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1144571	52.686	ng	99
58) Fluorene	15.166	166	3597418	48.431	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1015880	52.733	ng	99
60) Diethylphthalate	14.960	149	3755069	49.514	ng	100
61) 4-Chlorophenyl-phenyle...	15.172	204	1794033	48.804	ng	98
62) 4-Nitroaniline	15.178	138	916515	55.384	ng	100
63) Azobenzene	15.472	77	3241778	48.004	ng	98
65) 4,6-Dinitro-2-methylph...	15.243	198	498938	49.519	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3254196	51.563	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1162551	51.488	ng	97
68) Hexachlorobenzene	16.201	284	1407568	51.003	ng	99
69) Atrazine	16.384	200	1167691	63.141	ng	100
70) Pentachlorophenol	16.548	266	1931158	103.612	ng	100
71) Phenanthrene	16.948	178	5869673	49.813	ng	99
72) Anthracene	17.042	178	6009578	53.160	ng	100
73) Carbazole	17.319	167	5747053	51.995	ng	100
74) Di-n-butylphthalate	17.960	149	6527040	53.028	ng	99
75) Fluoranthene	19.060	202	6907625	50.151	ng	100
77) Benzidine	19.254	184	3889346	94.905	ng	99
78) Pyrene	19.436	202	7219325	50.232	ng	100
80) Butylbenzylphthalate	20.425	149	2798969	50.353	ng	97
81) Benzo(a)anthracene	21.330	228	7236650	51.463	ng	100
82) 3,3'-Dichlorobenzidine	21.260	252	1691514	39.959	ng	100
83) Chrysene	21.395	228	6674669	49.324	ng	100
84) Bis(2-ethylhexyl)phtha...	21.325	149	4130780	54.766	ng	100
85) Di-n-octyl phthalate	22.542	149	6737637	48.625	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	8567191m	54.579	ng	
88) Benzo(b)fluoranthene	23.495	252	7113206	49.598	ng	100
89) Benzo(k)fluoranthene	23.560	252	7458645	52.268	ng	100
90) Benzo(a)pyrene	24.330	252	6885544	56.410	ng	99
91) Dibenzo(a,h)anthracene	28.107	278	7033453	54.207	ng	99
92) Benzo(g,h,i)perylene	29.118	276	6876188	51.301	ng	99

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

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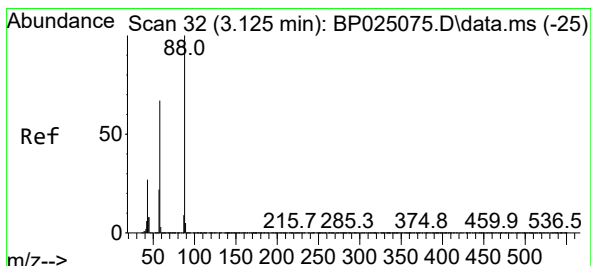
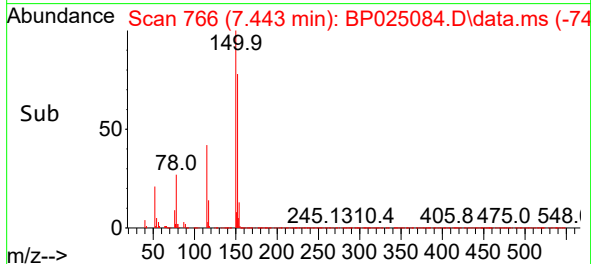
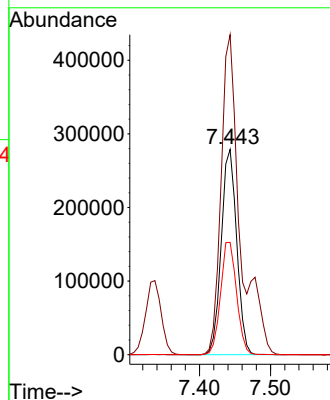
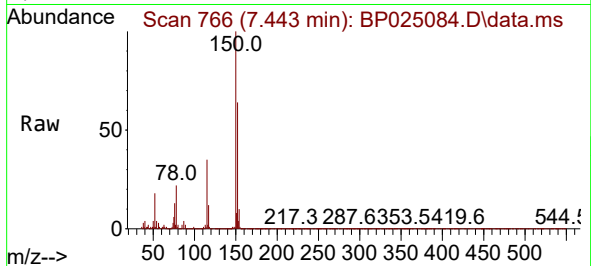




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 766
 Delta R.T. -0.000 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

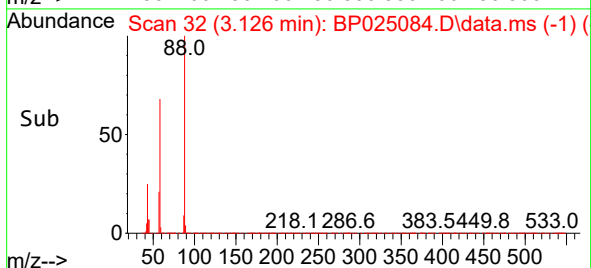
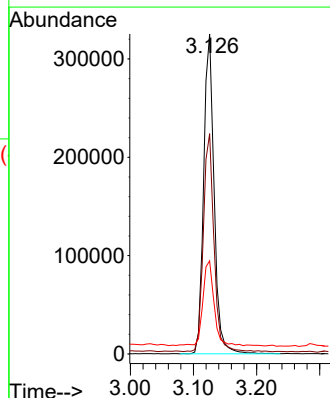
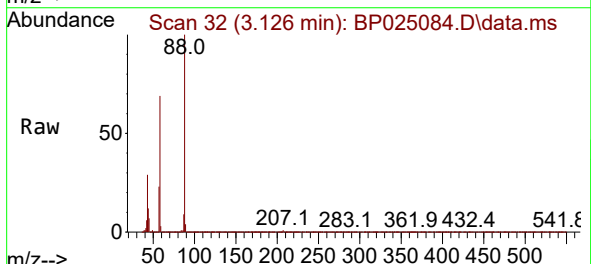
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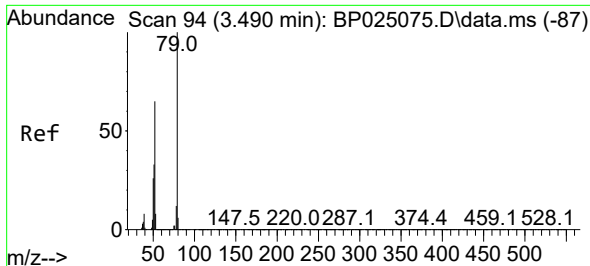
Tgt Ion:152 Resp: 420219
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.1 189.1
 115 54.7 44.3 66.5



#2
 1,4-Dioxane
 Concen: 40.528 ng
 RT: 3.126 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

Tgt Ion: 88 Resp: 373761
 Ion Ratio Lower Upper
 88 100
 58 69.6 55.0 82.4
 43 28.9 21.9 32.9

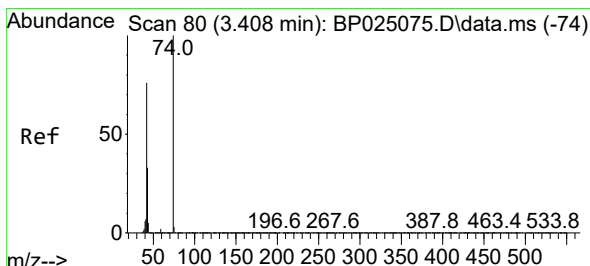
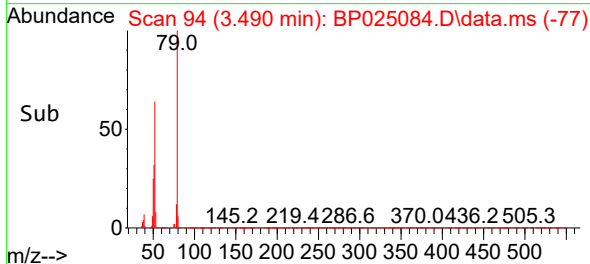
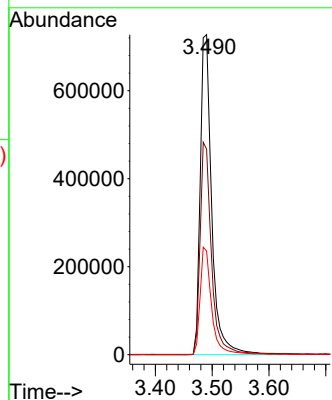
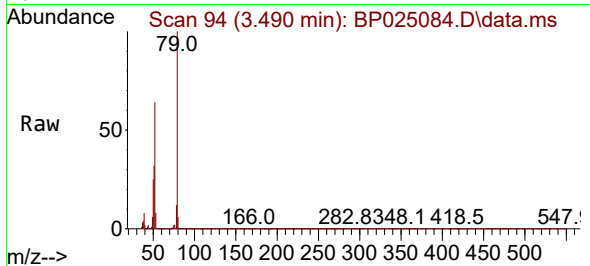




#3
 Pyridine
 Concen: 40.715 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

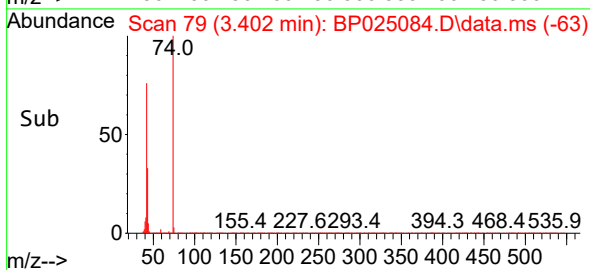
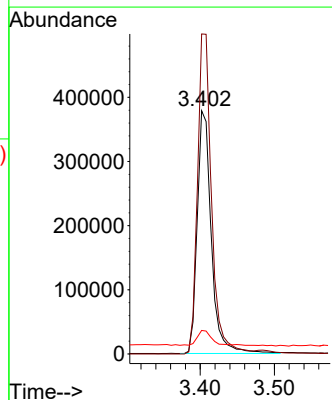
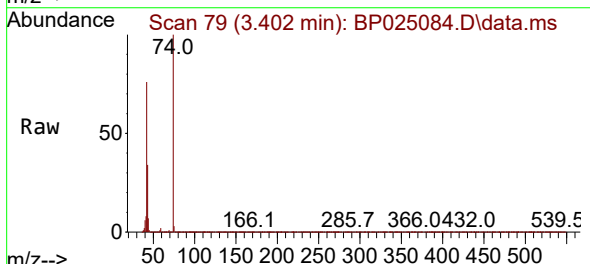
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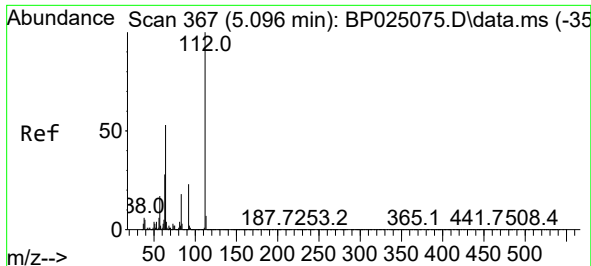
Tgt Ion: 79 Resp: 1028001
 Ion Ratio Lower Upper
 79 100
 52 64.2 52.2 78.4
 51 32.4 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 46.722 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

Tgt Ion: 42 Resp: 499478
 Ion Ratio Lower Upper
 42 100
 74 131.5 105.2 157.8
 44 9.7 6.6 9.8

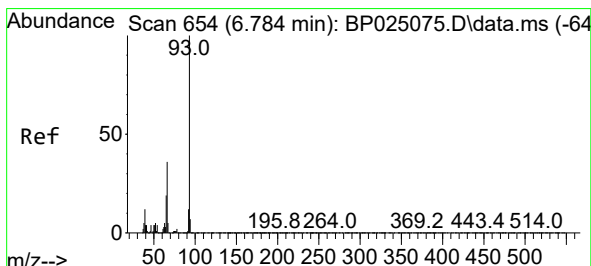
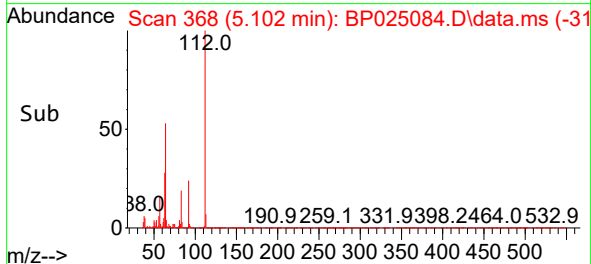
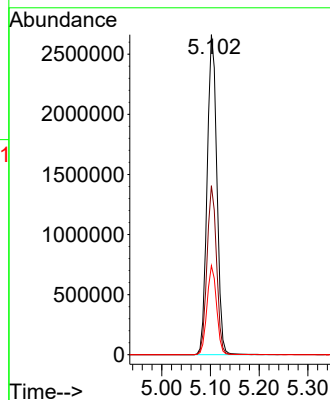
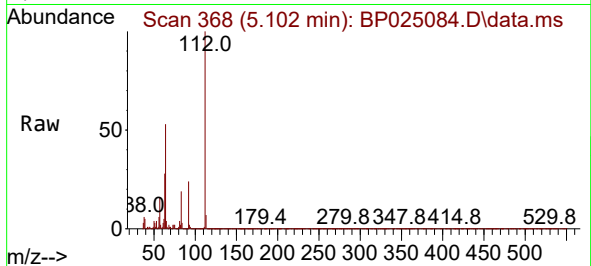




#5
2-Fluorophenol
Concen: 155.060 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

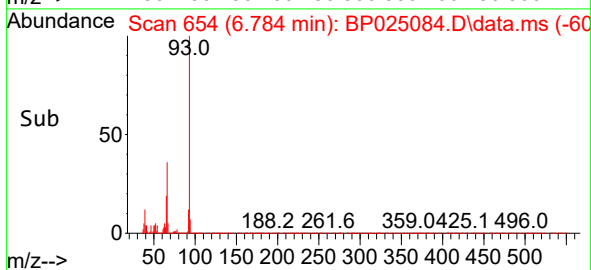
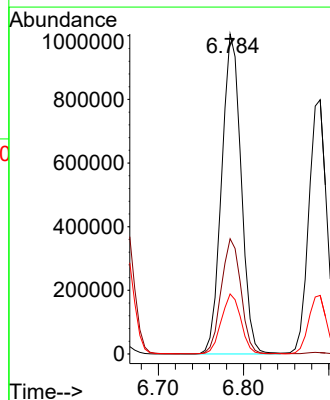
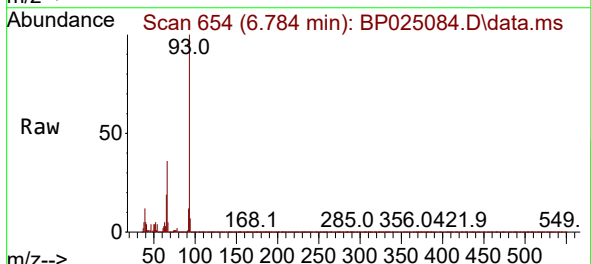
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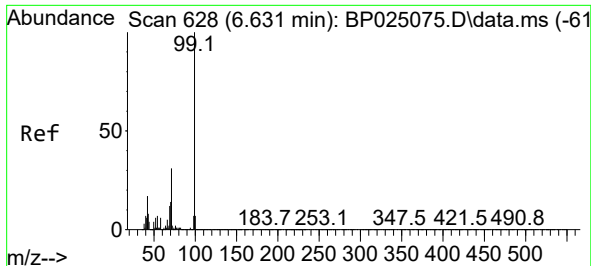
Tgt Ion:112 Resp: 3677464
Ion Ratio Lower Upper
112 100
64 52.8 42.0 63.0
63 27.8 22.2 33.2



#6
Aniline
Concen: 55.239 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 93 Resp: 1597351
Ion Ratio Lower Upper
93 100
66 36.0 28.9 43.3
65 18.8 15.2 22.8

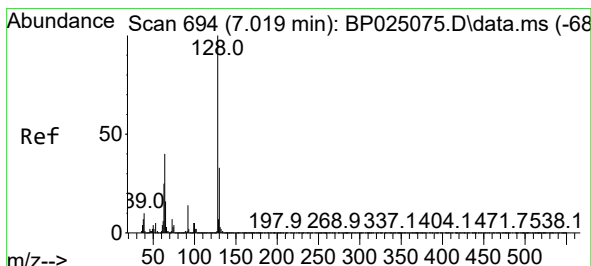
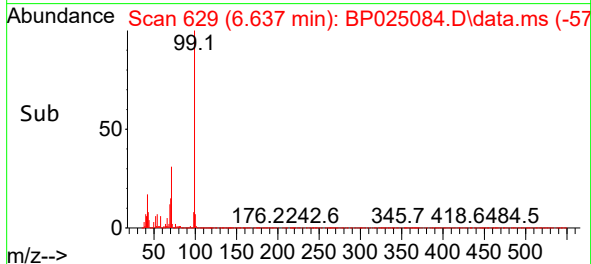
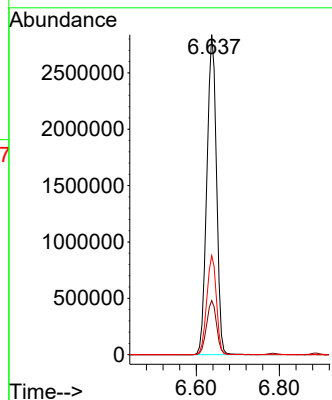
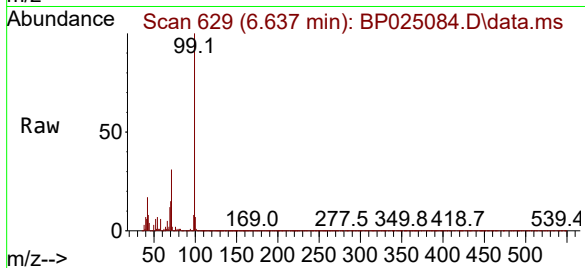




#7
Phenol-d6
Concen: 147.562 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

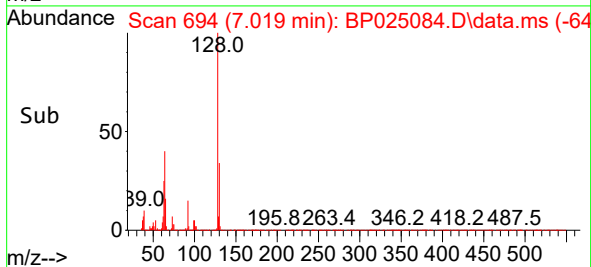
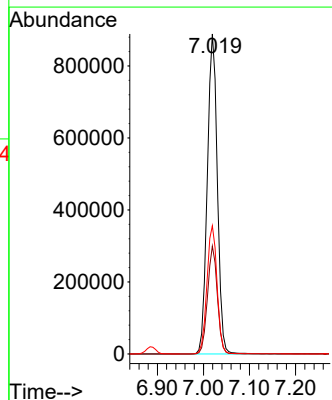
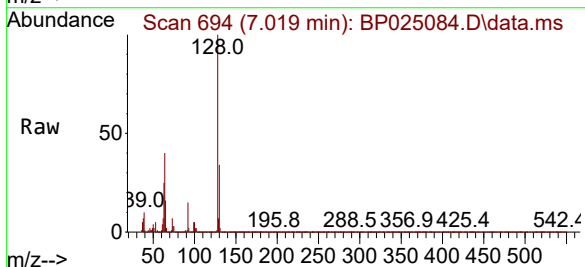
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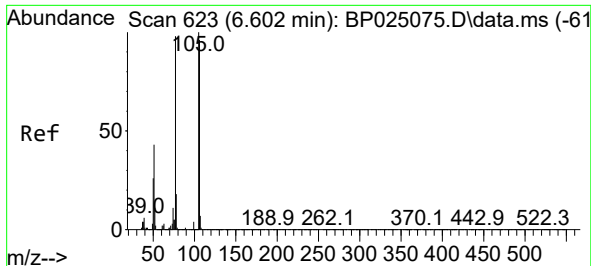
Tgt Ion: 99 Resp: 4566959
Ion Ratio Lower Upper
99 100
42 16.9 13.6 20.4
71 30.9 24.4 36.6



#8
2-Chlorophenol
Concen: 51.125 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 128 Resp: 1356628
Ion Ratio Lower Upper
128 100
130 33.7 12.9 52.9
64 40.0 20.3 60.3

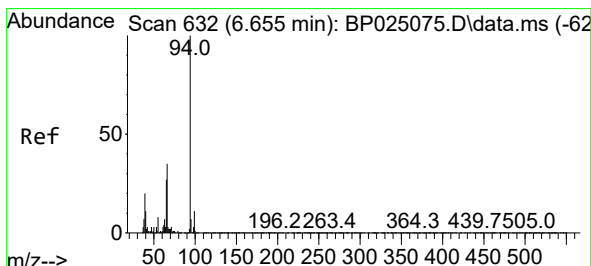
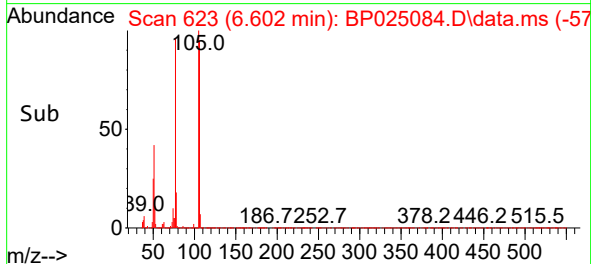
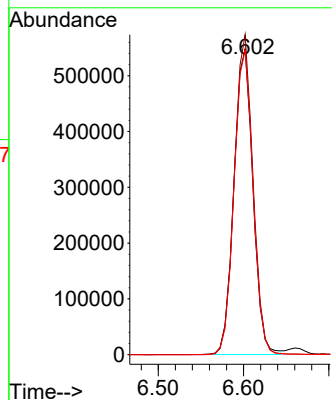
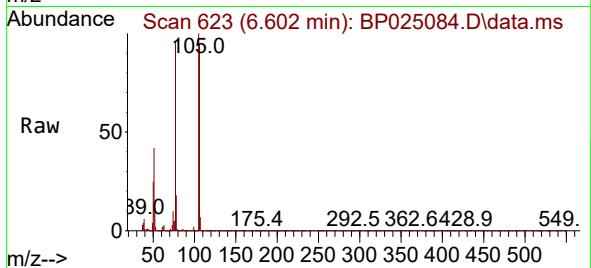




#9
Benzaldehyde
Concen: 52.469 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

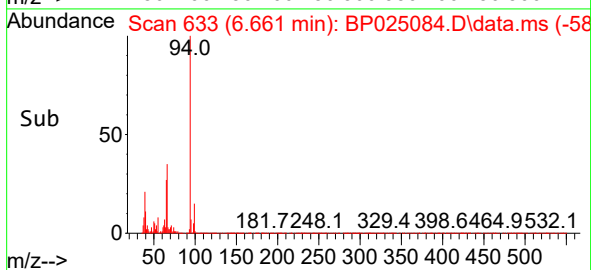
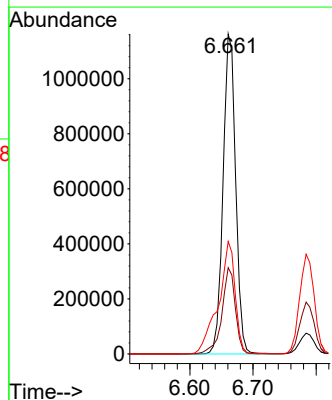
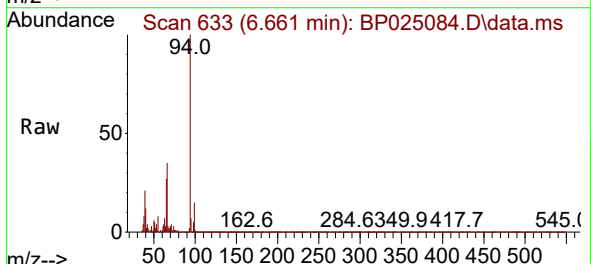
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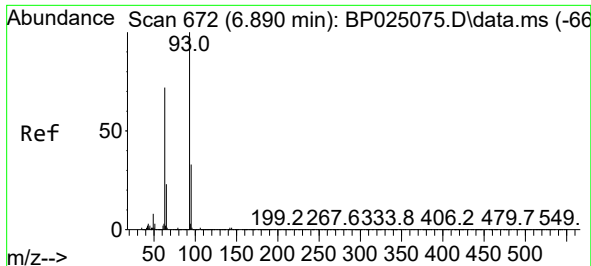
Tgt Ion: 77 Resp: 848079
Ion Ratio Lower Upper
77 100
105 104.6 82.4 122.4
106 99.5 78.3 118.3



#10
Phenol
Concen: 51.294 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 94 Resp: 1613057
Ion Ratio Lower Upper
94 100
65 27.0 6.9 46.9
66 35.1 14.6 54.6

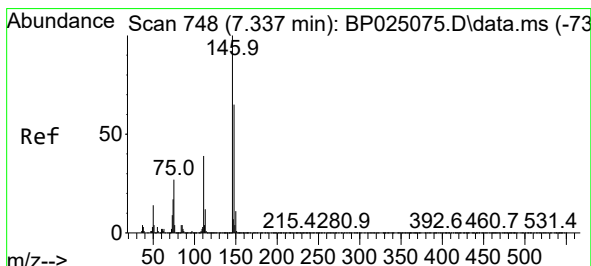
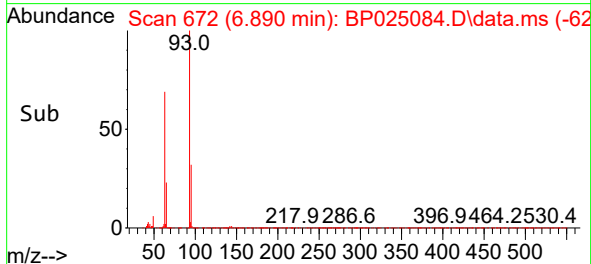
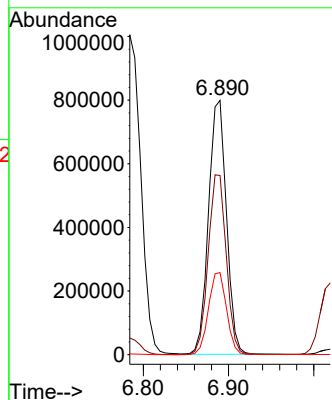
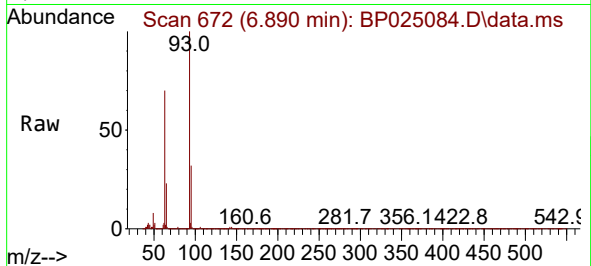




#11
bis(2-Chloroethyl)ether
Concen: 48.133 ng
RT: 6.890 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

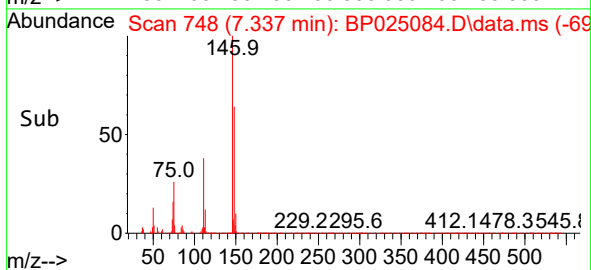
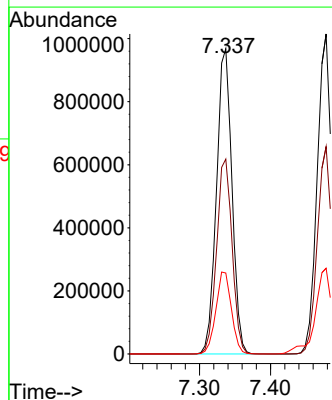
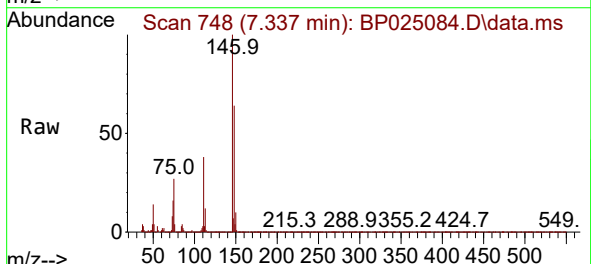
Instrument :
BNA_P
ClientSampleId :
PB168767BS

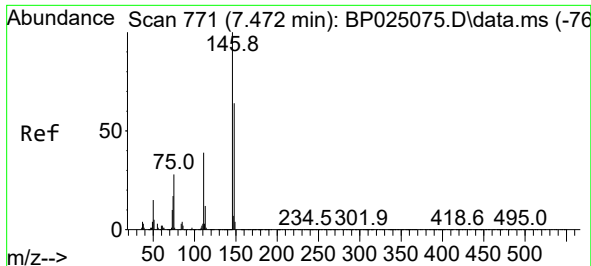
Tgt Ion: 93 Resp: 1164922
Ion Ratio Lower Upper
93 100
63 70.4 51.9 91.9
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 49.060 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 146 Resp: 1456973
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 26.5 21.8 32.6

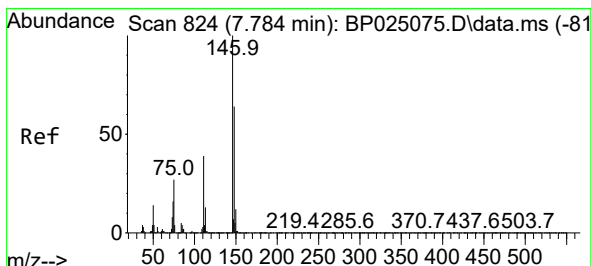
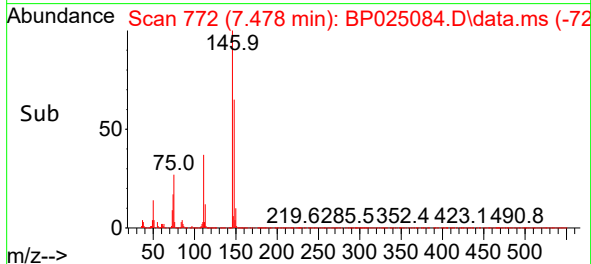
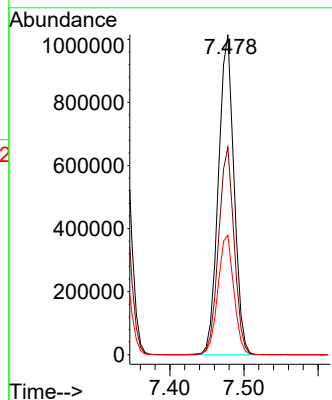
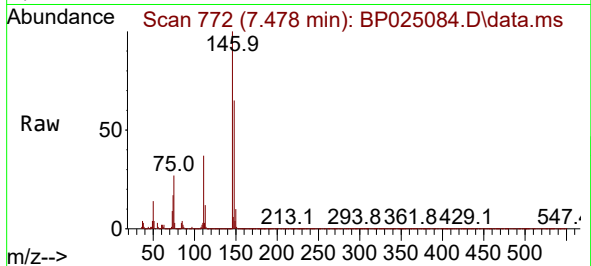




#13
1,4-Dichlorobenzene
Concen: 49.286 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

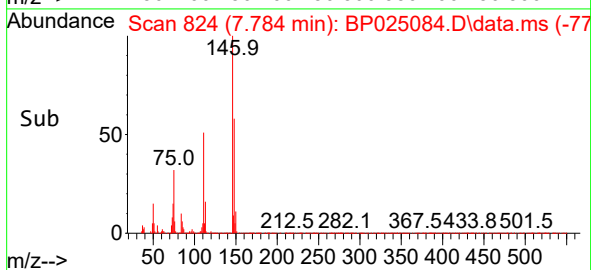
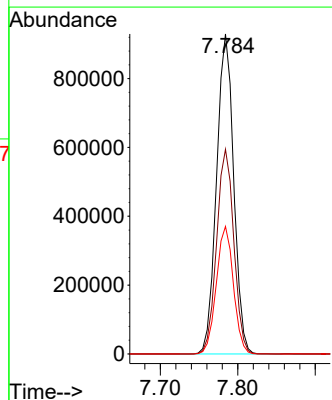
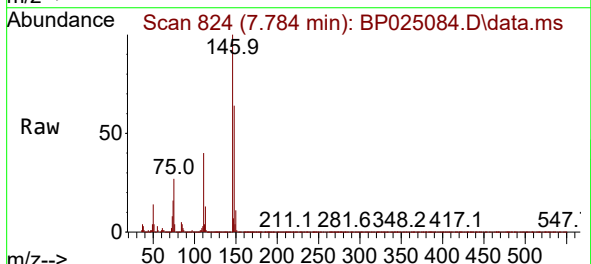
Instrument :
BNA_P
ClientSampleId :
PB168767BS

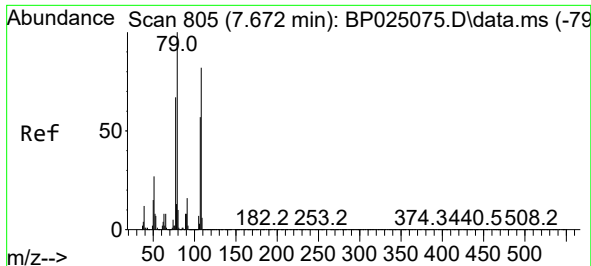
Tgt Ion:146 Resp: 1481917
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 37.3 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 49.287 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:146 Resp: 1425591
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 39.8 31.2 46.8

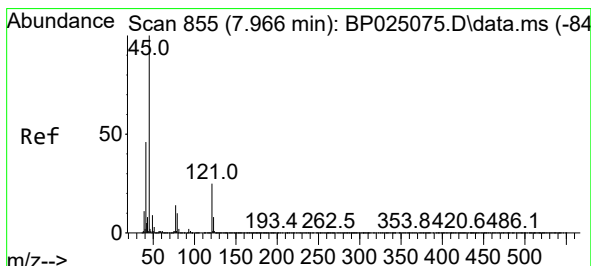
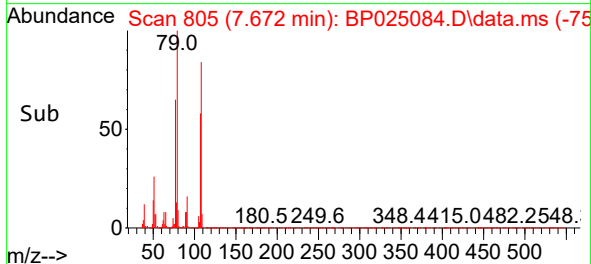
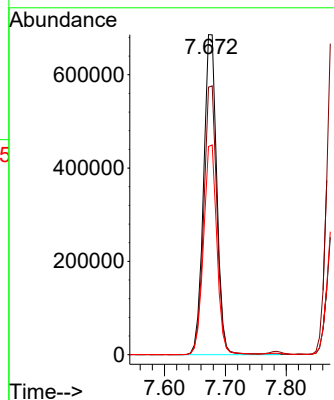
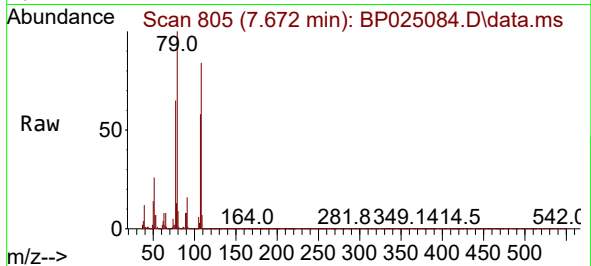




#15
Benzyl Alcohol
Concen: 50.130 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

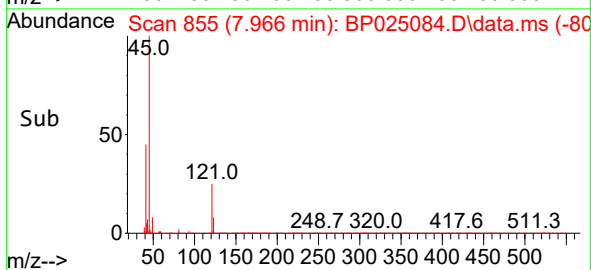
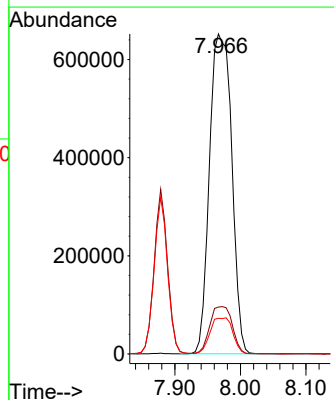
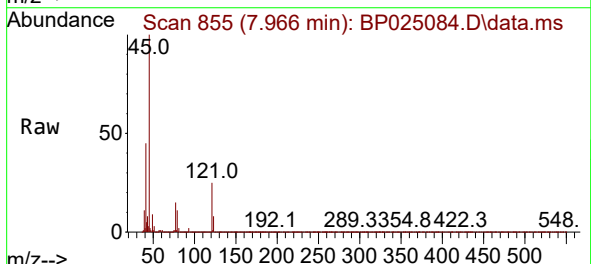
Instrument :
BNA_P
ClientSampleId :
PB168767BS

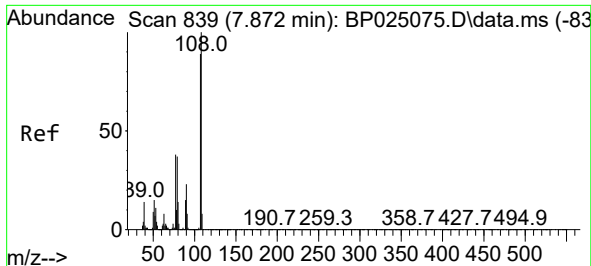
Tgt Ion: 79 Resp: 1035528
Ion Ratio Lower Upper
79 100
108 83.6 66.0 99.0
77 65.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.687 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 45 Resp: 1532122
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.8
79 11.1 0.0 30.7

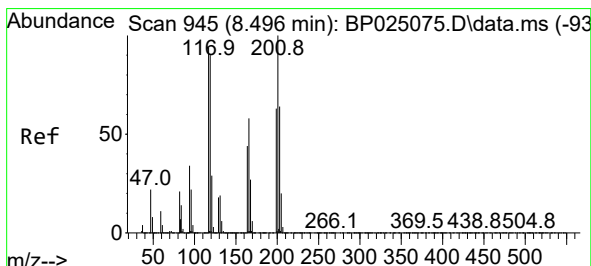
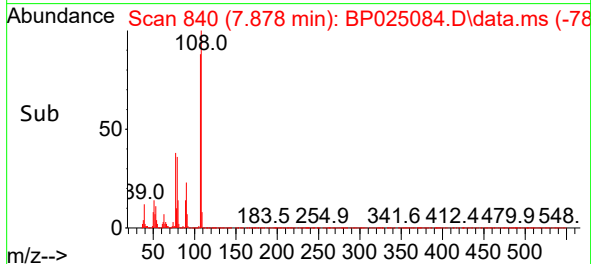
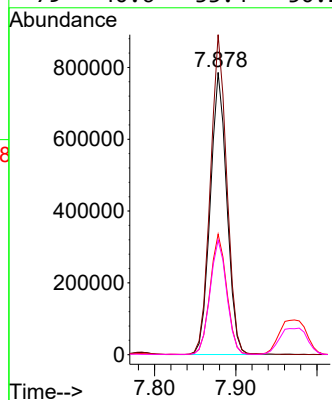
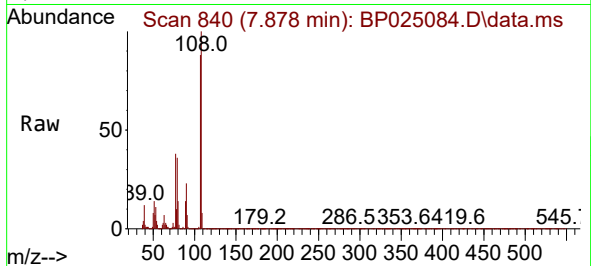




#17
2-Methylphenol
Concen: 54.836 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

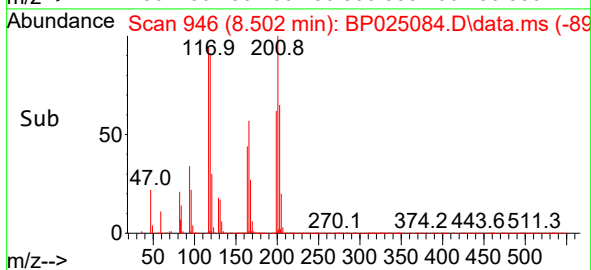
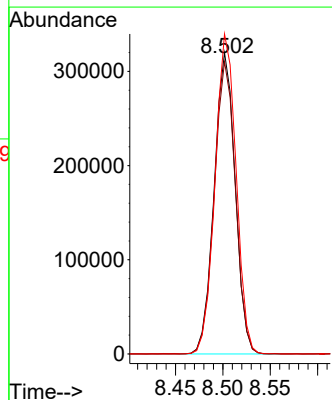
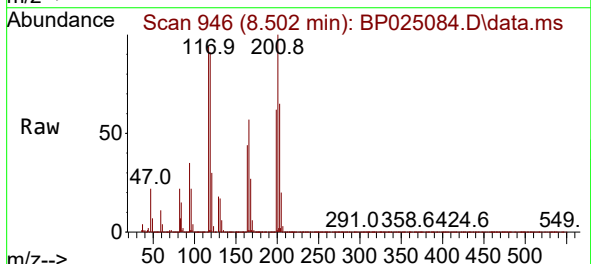
Instrument :
BNA_P
ClientSampleId :
PB168767BS

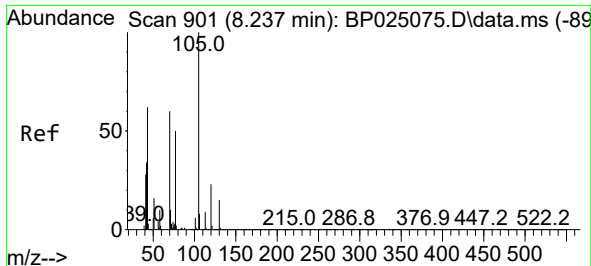
Tgt Ion:107 Resp: 1110811
Ion Ratio Lower Upper
107 100
108 113.4 89.7 134.5
77 42.7 34.2 51.4
79 40.6 33.4 50.2



#18
Hexachloroethane
Concen: 50.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:117 Resp: 494199
Ion Ratio Lower Upper
117 100
119 97.0 76.6 115.0
201 106.2 85.4 128.2

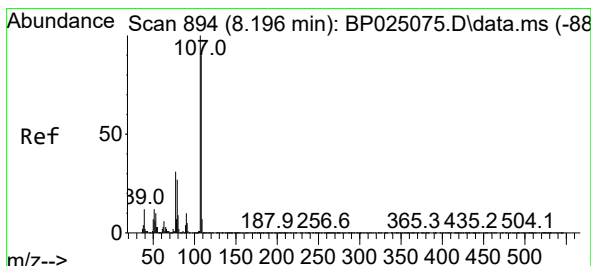
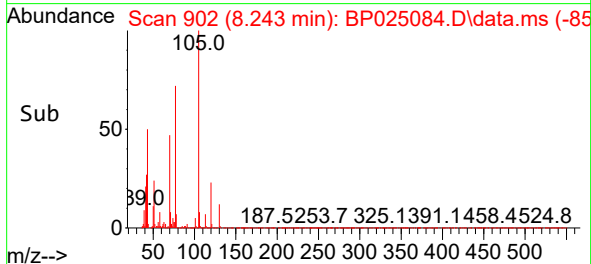
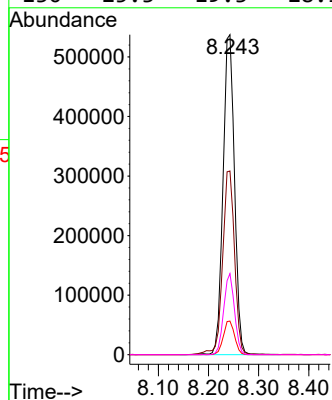
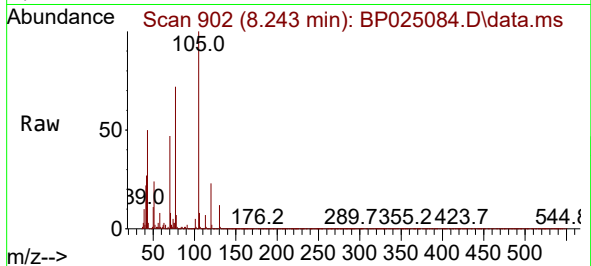




#19
n-Nitroso-di-n-propylamine
Concen: 46.513 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

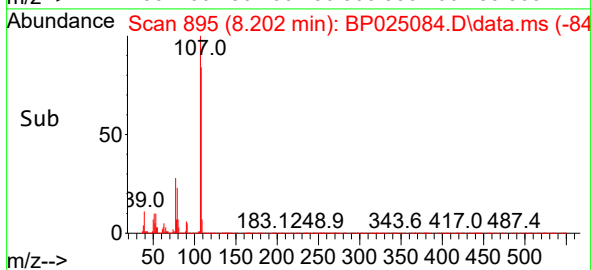
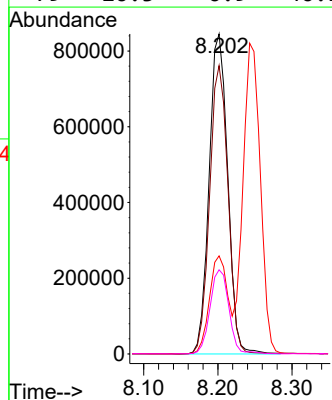
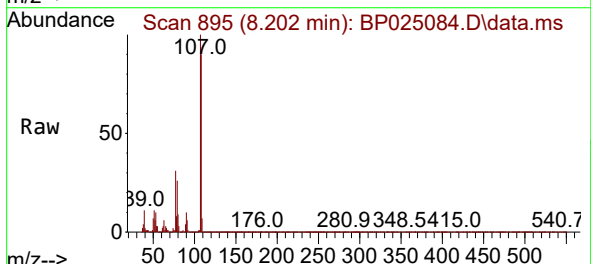
Instrument :
BNA_P
ClientSampleId :
PB168767BS

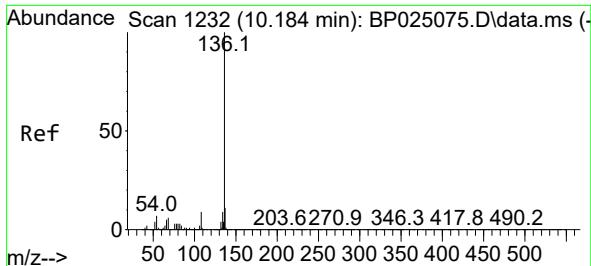
Tgt Ion: 70 Resp: 853726
Ion Ratio Lower Upper
70 100
42 57.4 46.5 69.7
101 10.5 7.9 11.9
130 25.3 19.3 28.9



#20
3+4-Methylphenols
Concen: 51.717 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 107 Resp: 1467393
Ion Ratio Lower Upper
107 100
108 90.1 69.5 109.5
77 30.6 11.4 51.4
79 26.3 6.9 46.9



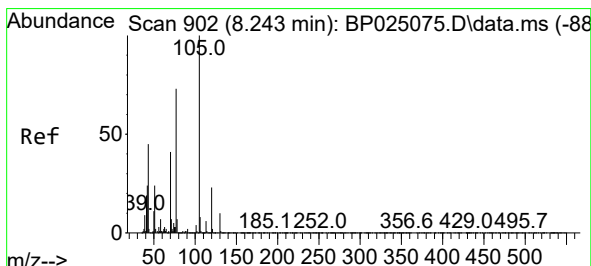
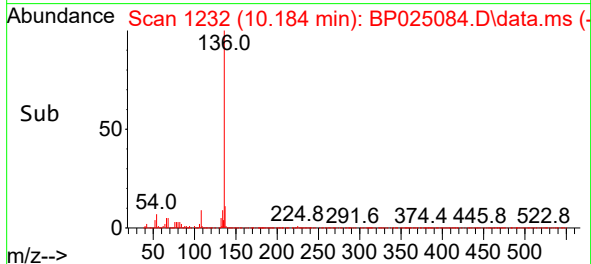
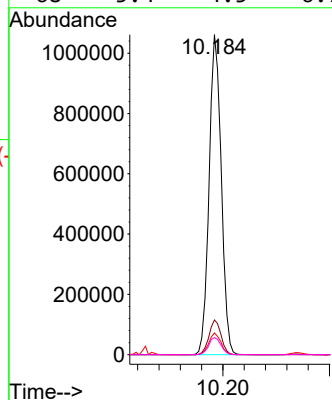
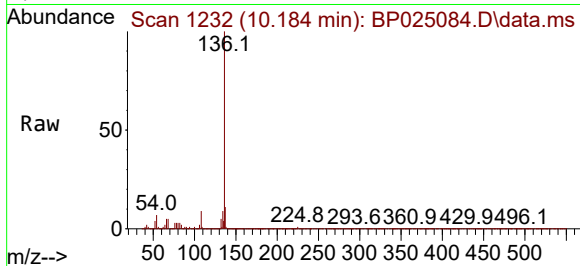


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:136 Resp: 1675734

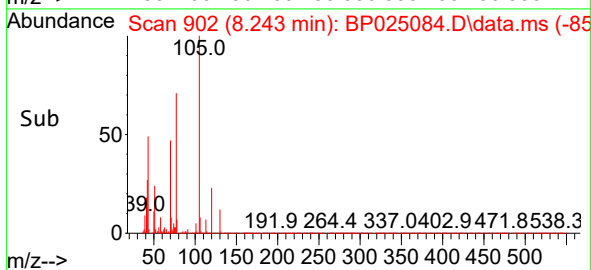
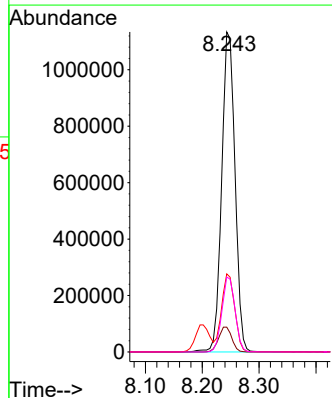
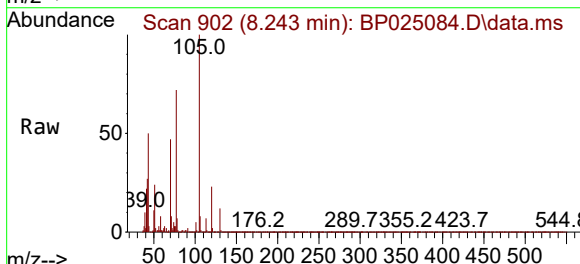
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7

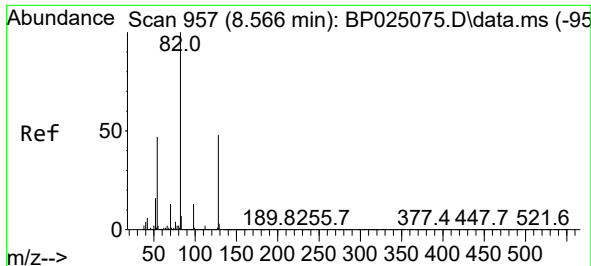


#22
Acetophenone
Concen: 46.788 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:105 Resp: 1854219

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.4	8.2
51	24.4	19.6	29.4
120	23.4	18.8	28.2

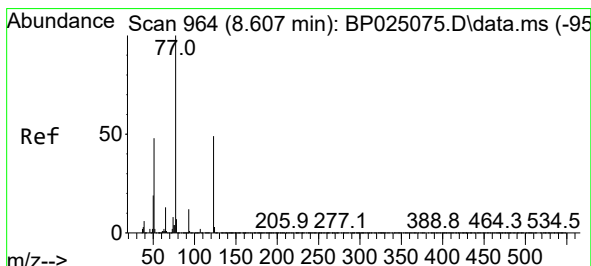
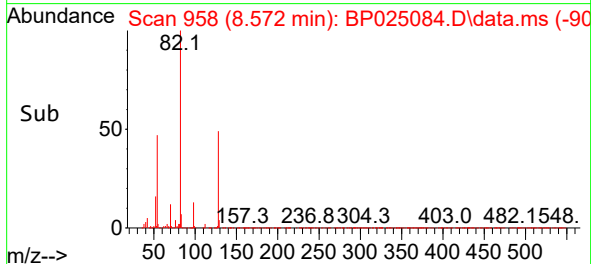
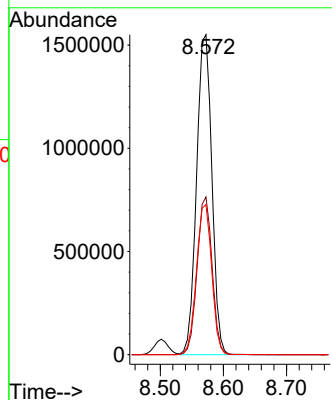
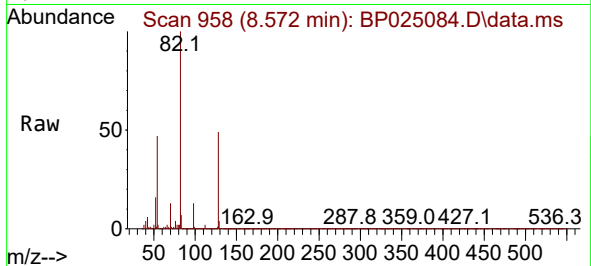




#23
Nitrobenzene-d5
Concen: 103.406 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

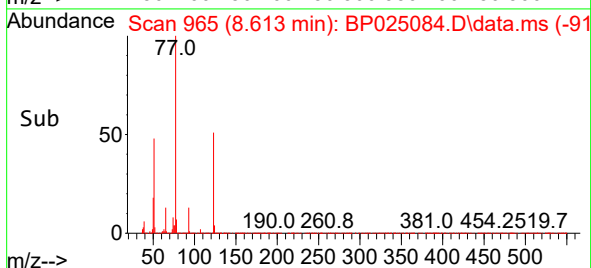
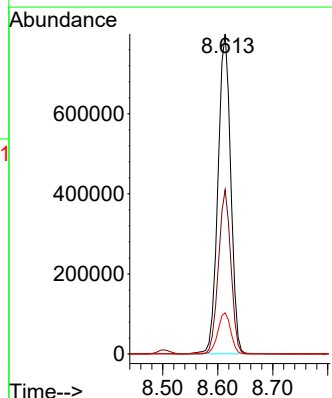
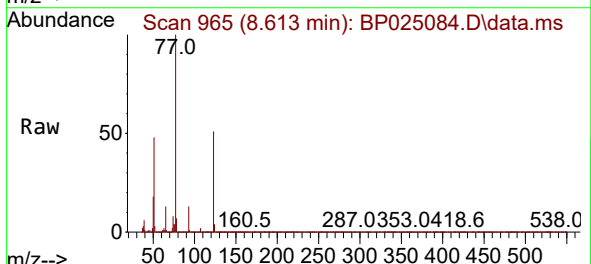
Instrument :
BNA_P
ClientSampleId :
PB168767BS

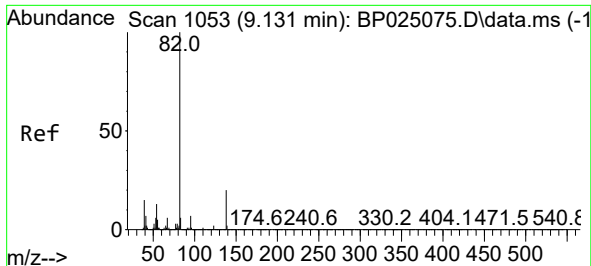
Tgt Ion: 82 Resp: 2605524
Ion Ratio Lower Upper
82 100
128 49.3 38.4 57.6
54 46.9 37.8 56.6



#24
Nitrobenzene
Concen: 50.128 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 77 Resp: 1286544
Ion Ratio Lower Upper
77 100
123 51.3 39.0 58.6
65 12.9 10.7 16.1

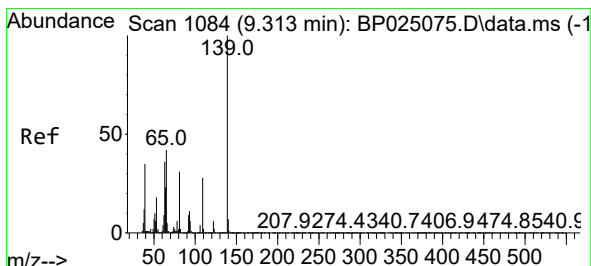
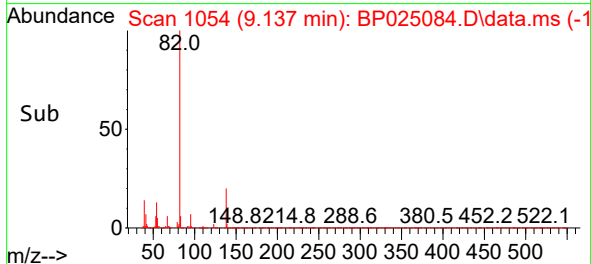
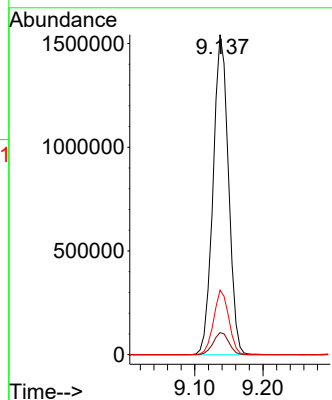
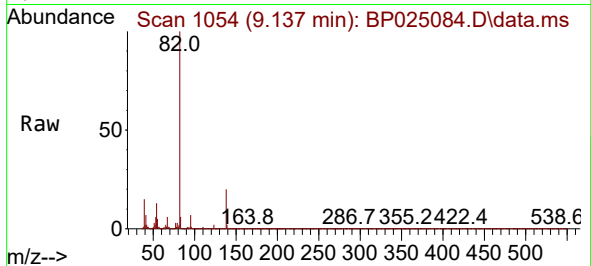




#25
Isophorone
Concen: 51.426 ng
RT: 9.137 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

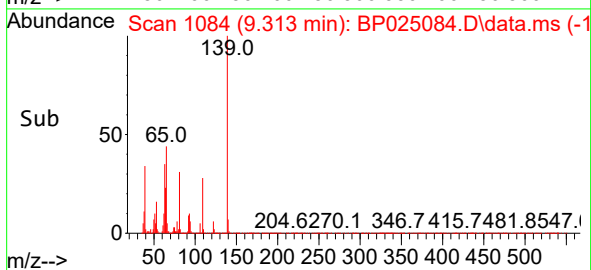
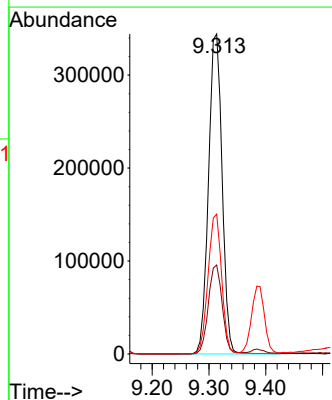
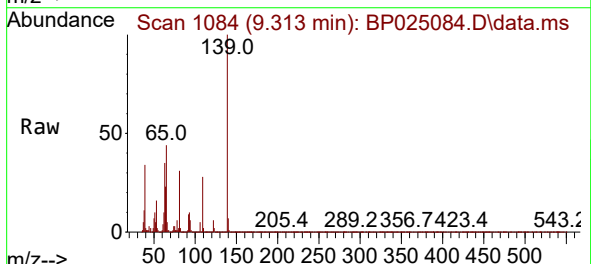
Instrument :
BNA_P
ClientSampleId :
PB168767BS

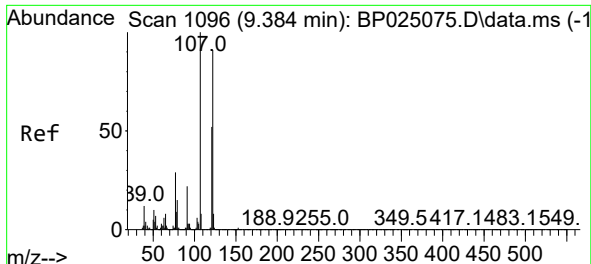
Tgt Ion: 82 Resp: 2421562
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 20.2 15.7 23.5



#26
2-Nitrophenol
Concen: 45.890 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 139 Resp: 569593
Ion Ratio Lower Upper
139 100
109 27.8 22.3 33.5
65 43.7 33.8 50.8

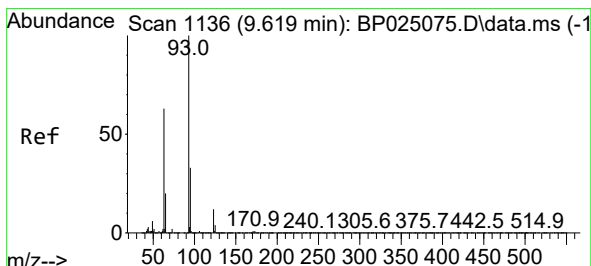
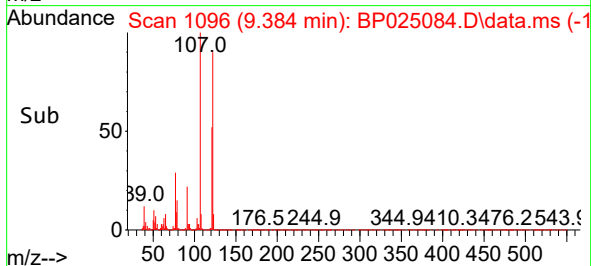
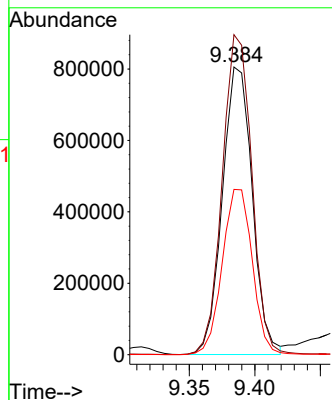
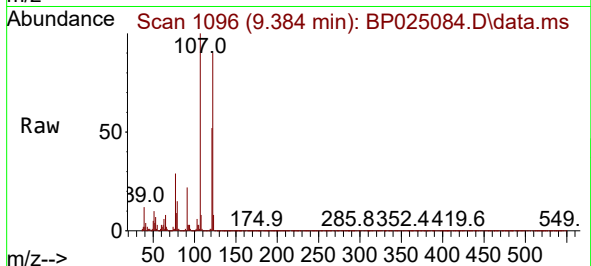




#27
2,4-Dimethylphenol
Concen: 72.857 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

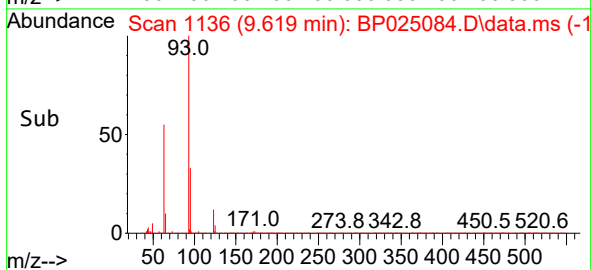
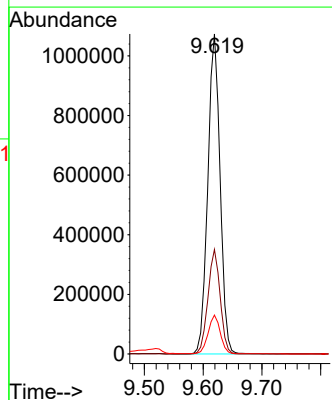
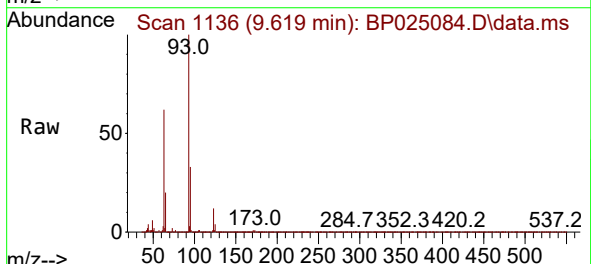
Instrument :
BNA_P
ClientSampleId :
PB168767BS

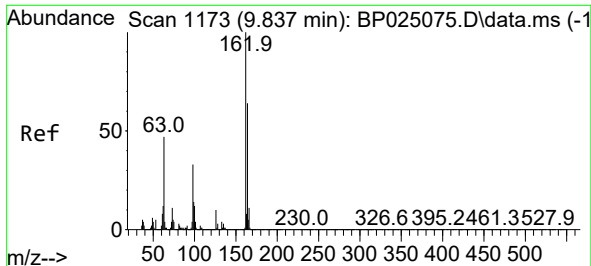
Tgt Ion:122 Resp: 1279756
Ion Ratio Lower Upper
122 100
107 111.2 88.2 132.2
121 57.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.588 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 93 Resp: 1553510
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.1 10.1 15.1

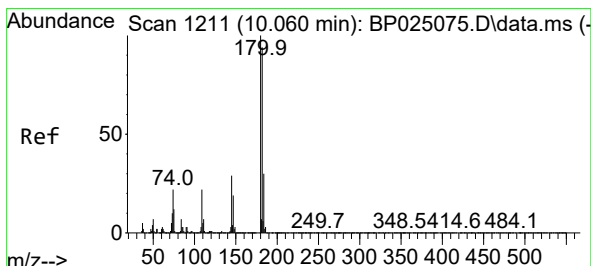
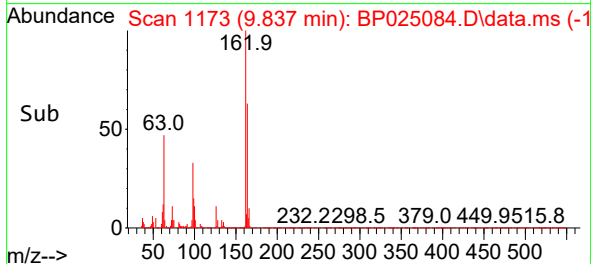
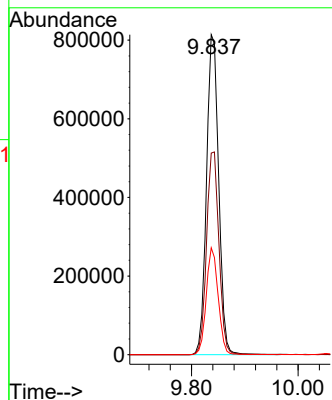
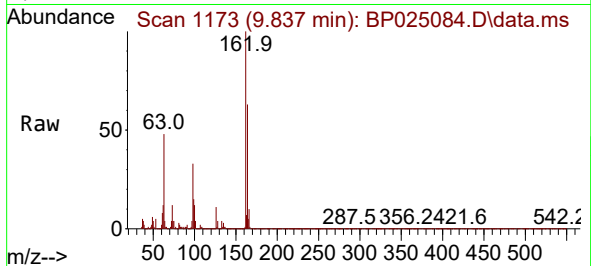




#29
2,4-Dichlorophenol
Concen: 52.957 ng
RT: 9.837 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

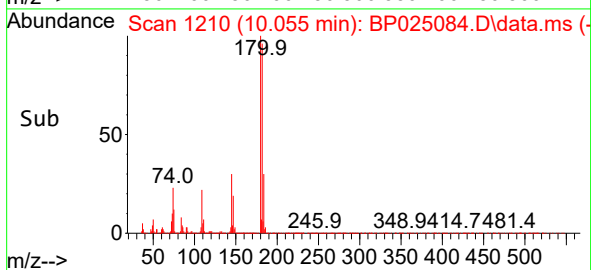
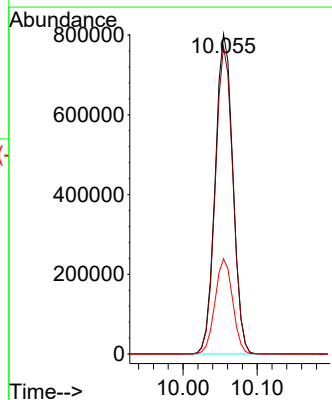
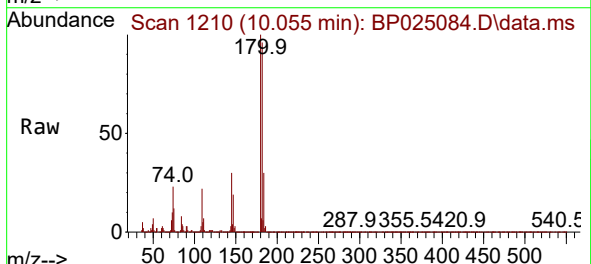
Instrument :
BNA_P
ClientSampleId :
PB168767BS

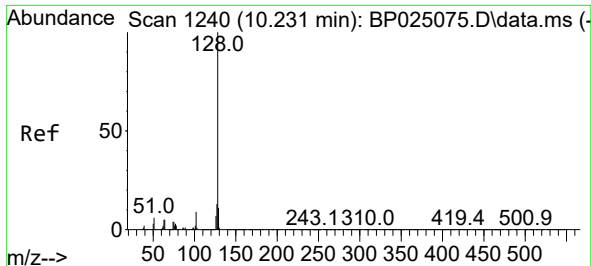
Tgt Ion:162 Resp: 1289854
Ion Ratio Lower Upper
162 100
164 63.0 44.1 84.1
98 33.4 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 49.248 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:180 Resp: 1328347
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 29.8 23.3 34.9

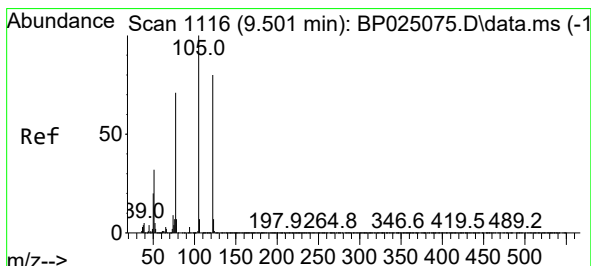
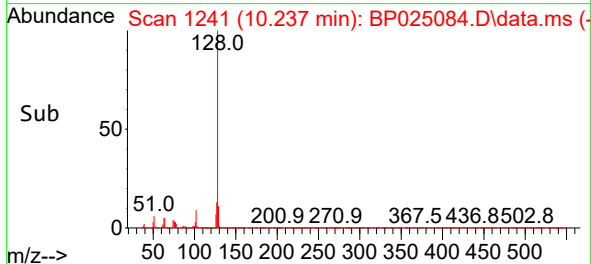
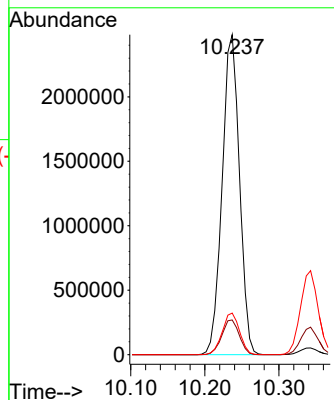
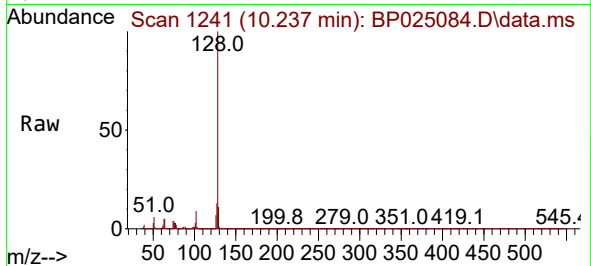




#31
Naphthalene
Concen: 46.656 ng
RT: 10.237 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

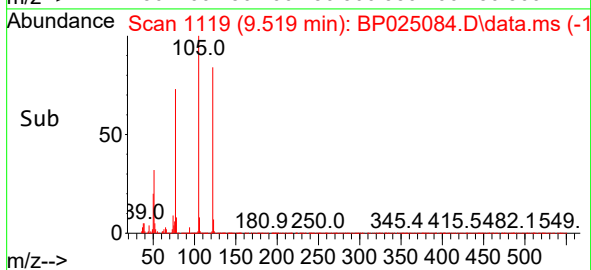
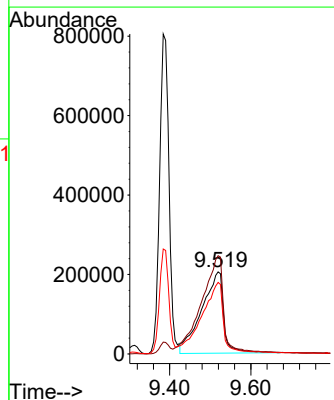
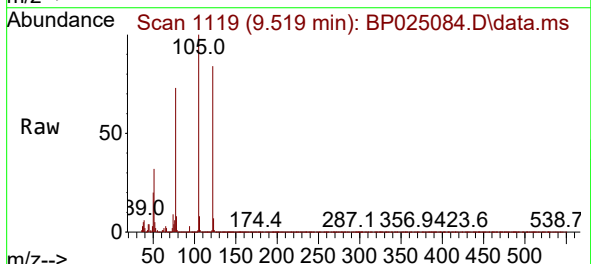
Instrument :
BNA_P
ClientSampleId :
PB168767BS

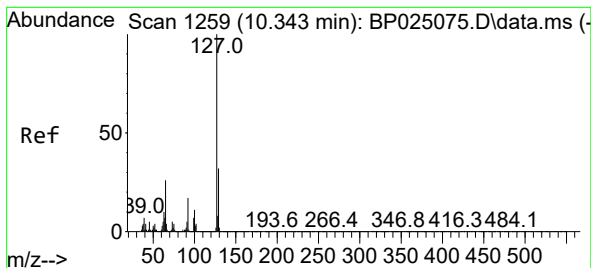
Tgt Ion:128 Resp: 4025792
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 44.356 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.018 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:122 Resp: 768871
Ion Ratio Lower Upper
122 100
105 119.7 101.0 141.0
77 87.2 67.6 107.6



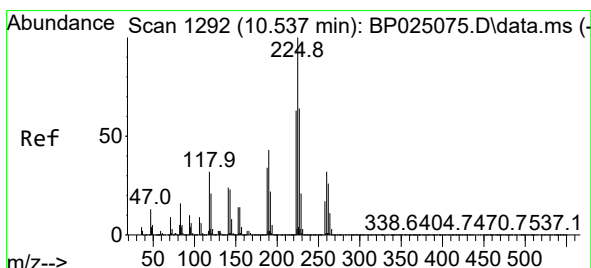
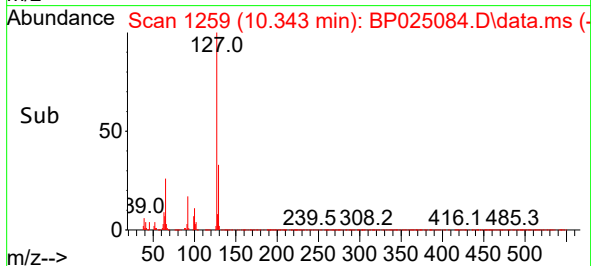
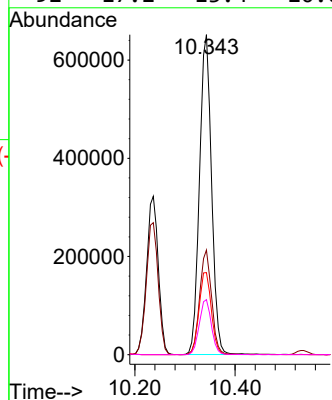
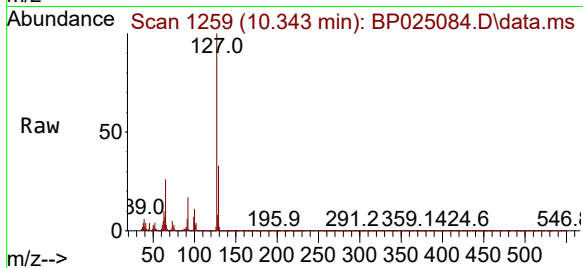


#33
4-Chloroaniline
Concen: 33.782 ng
RT: 10.343 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:127 Resp: 1087831

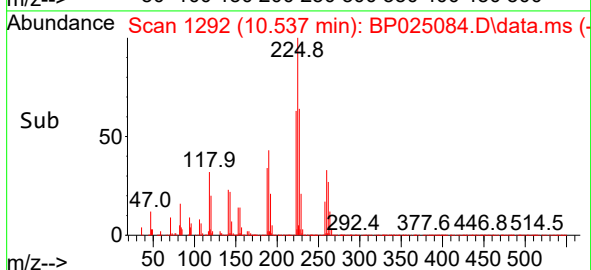
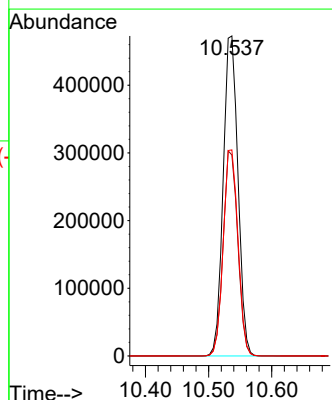
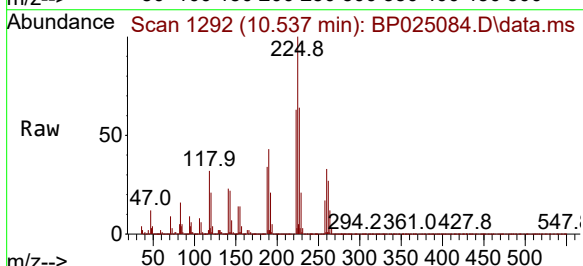
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	25.7	21.0	31.6
92	17.2	13.4	20.0

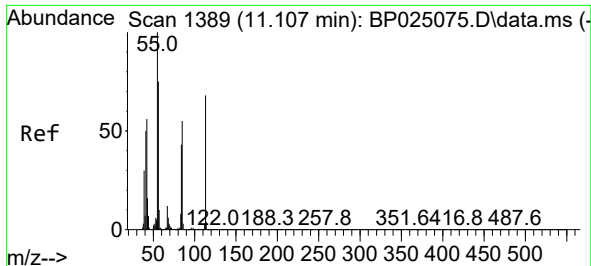


#34
Hexachlorobutadiene
Concen: 49.469 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:225 Resp: 765704

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.4	51.3	76.9

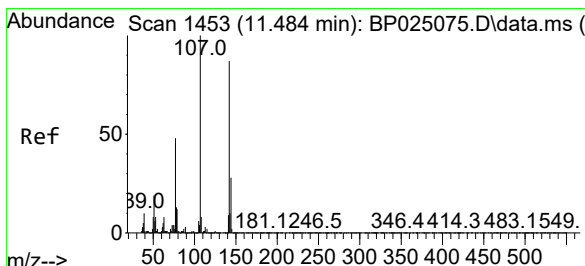
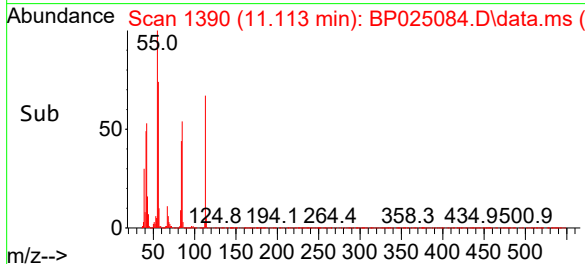
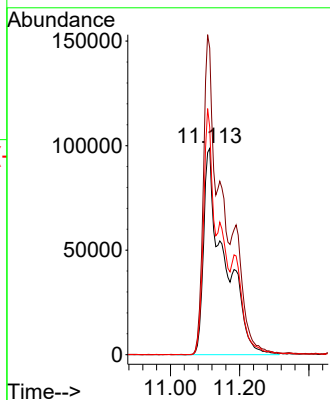
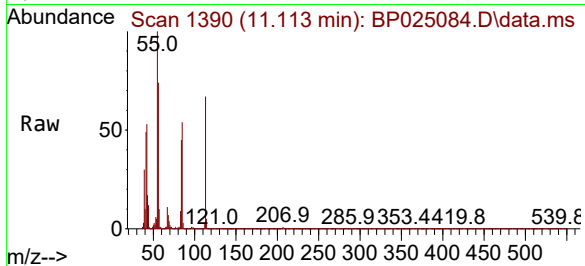




#35
Caprolactam
Concen: 49.396 ng m
RT: 11.113 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

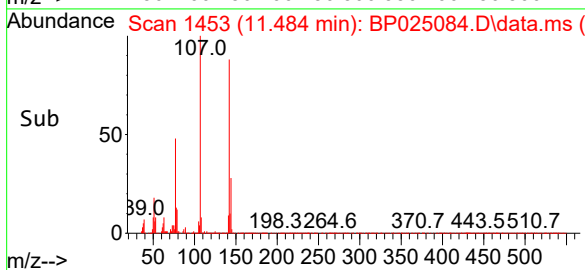
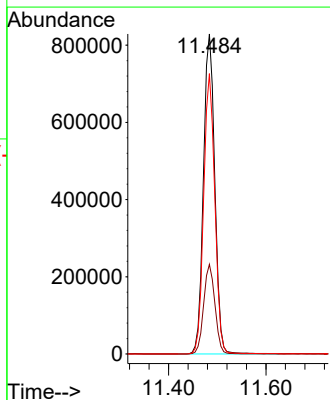
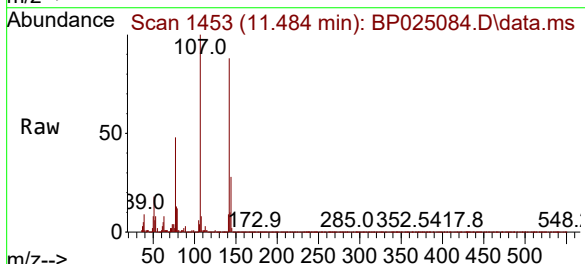
Instrument :
BNA_P
ClientSampleId :
PB168767BS

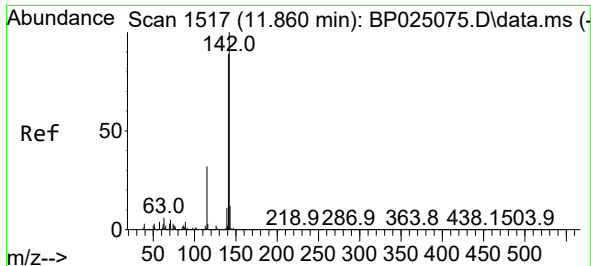
Tgt Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	110.2	90.7	130.7



#36
4-Chloro-3-methylphenol
Concen: 52.353 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.6	69.6	104.4

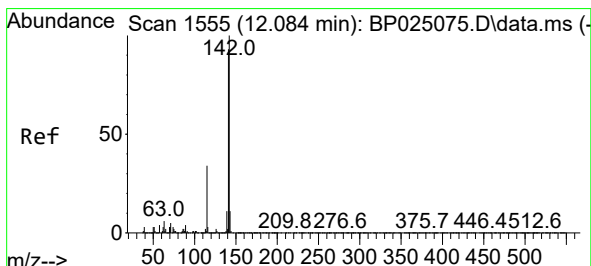
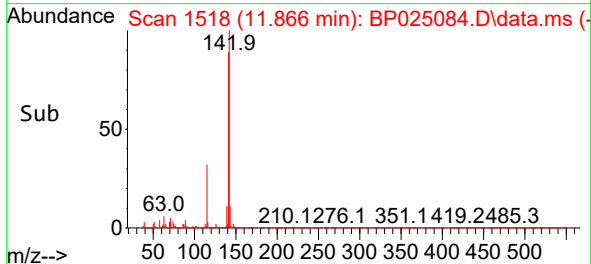
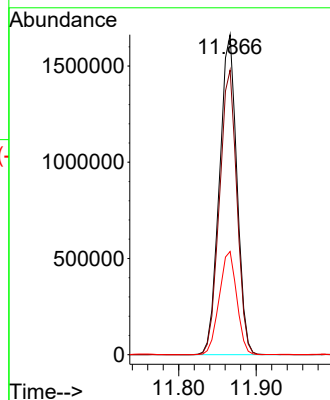
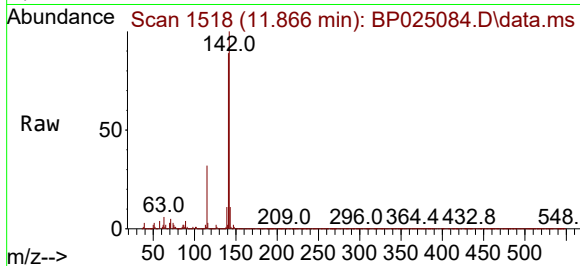




#37
2-Methylnaphthalene
Concen: 42.831 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

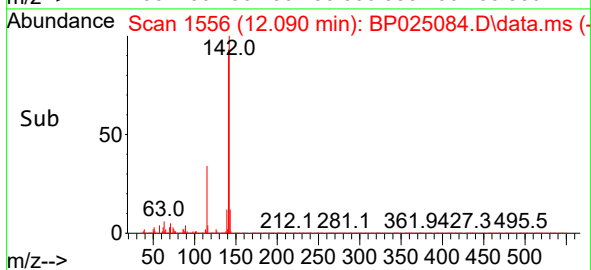
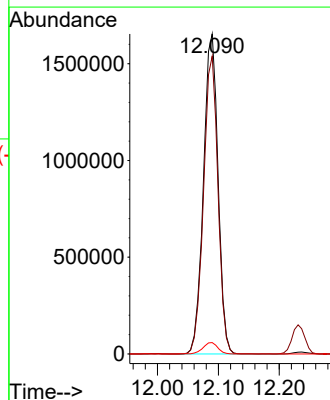
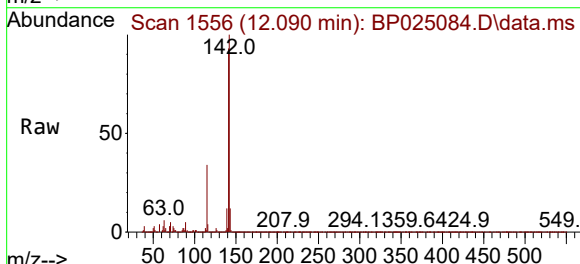
Instrument :
BNA_P
ClientSampleId :
PB168767BS

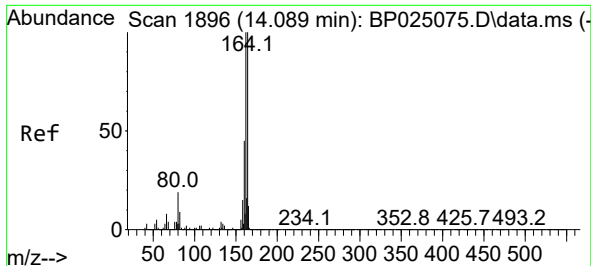
Tgt Ion:142 Resp: 2607625
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 32.2 25.9 38.9



#38
1-Methylnaphthalene
Concen: 46.431 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:142 Resp: 2756932
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1
116 3.6 2.7 4.1

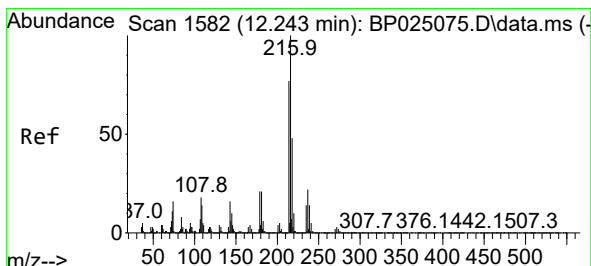
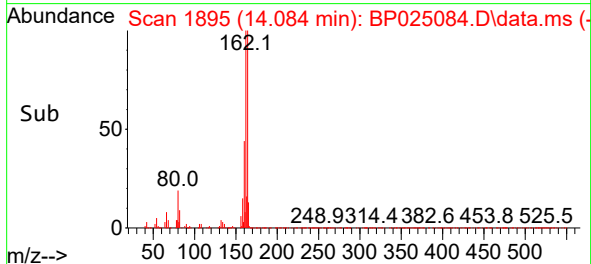
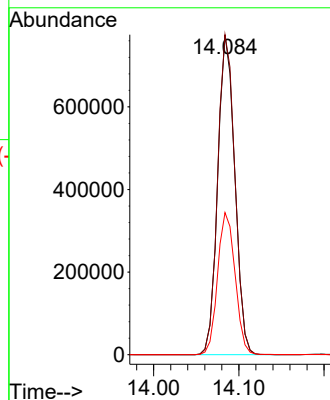
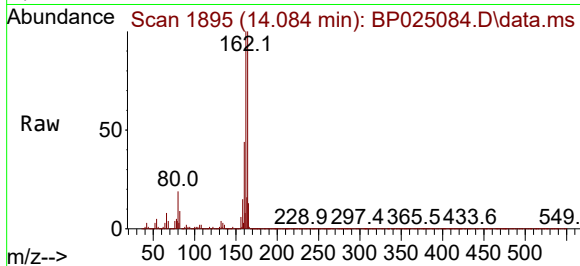




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

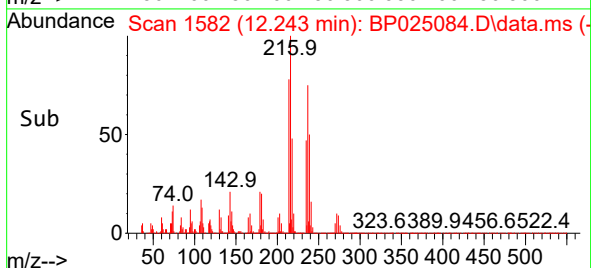
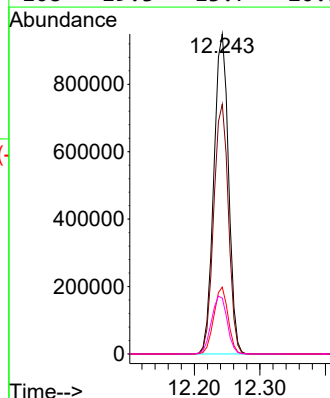
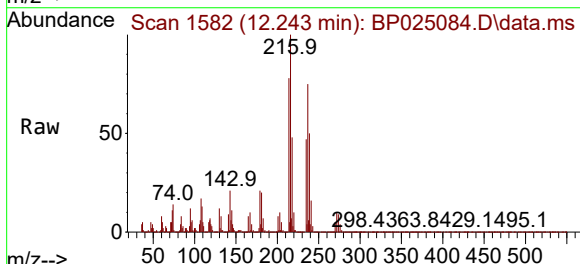
Instrument :
BNA_P
ClientSampleId :
PB168767BS

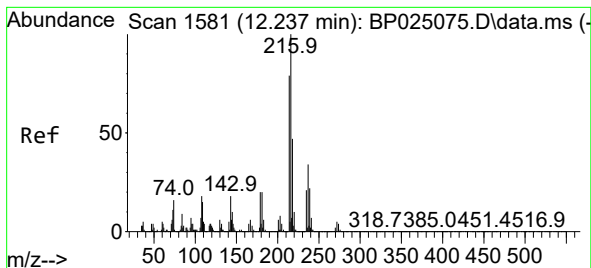
Tgt Ion:164 Resp: 1078667
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.568 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:216 Resp: 1474649
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
179 20.3 16.5 24.7
108 19.3 13.7 20.5

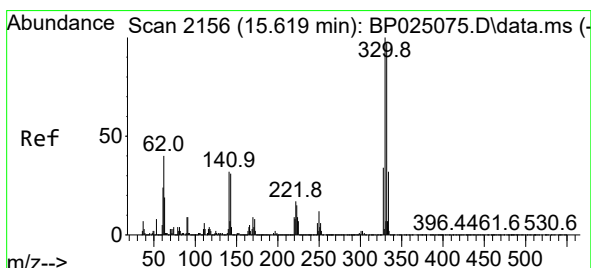
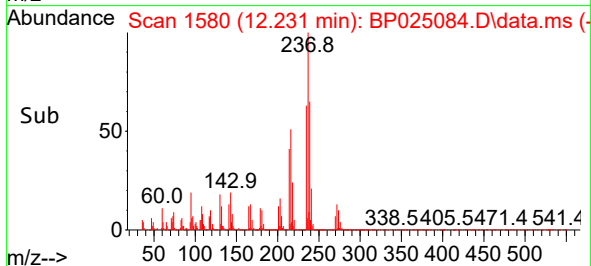
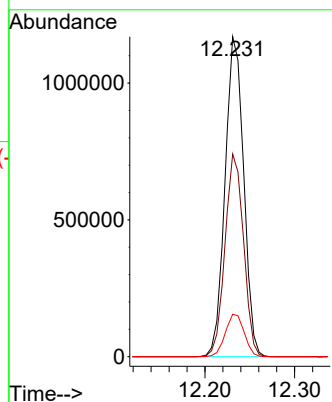
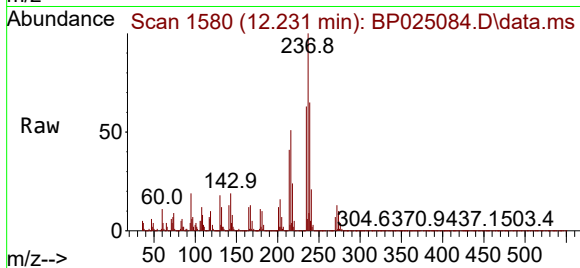




#41
Hexachlorocyclopentadiene
Concen: 208.137 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

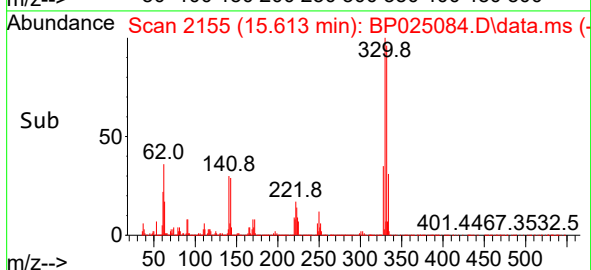
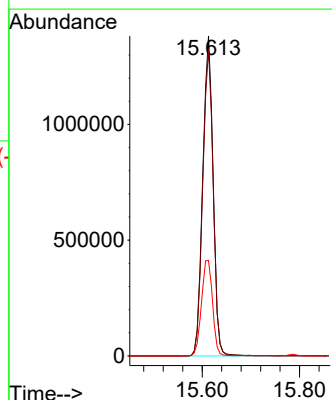
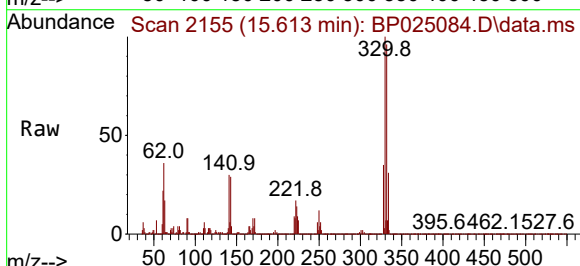
Instrument :
BNA_P
ClientSampleId :
PB168767BS

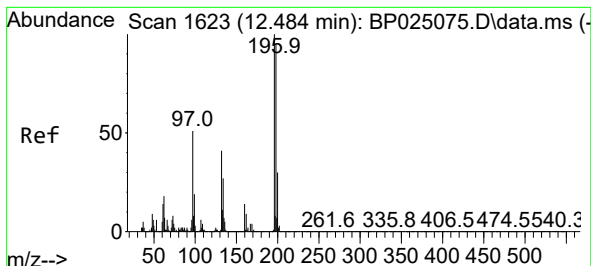
Tgt Ion:237 Resp: 1685391
Ion Ratio Lower Upper
237 100
235 63.3 41.6 81.6
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 160.723 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:330 Resp: 2048035
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 31.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 54.966 ng

RT: 12.490 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

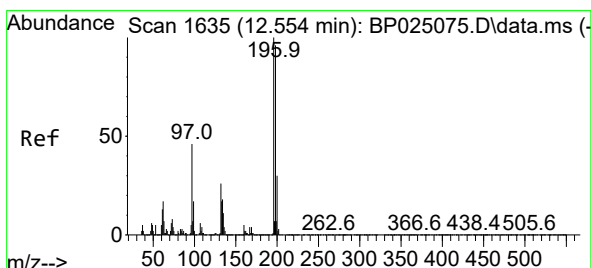
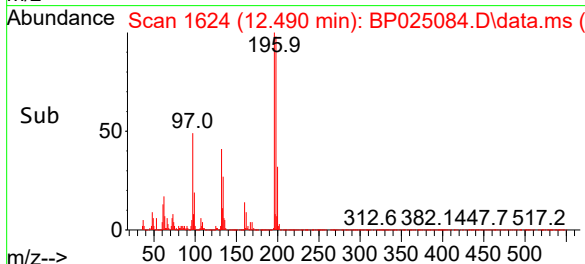
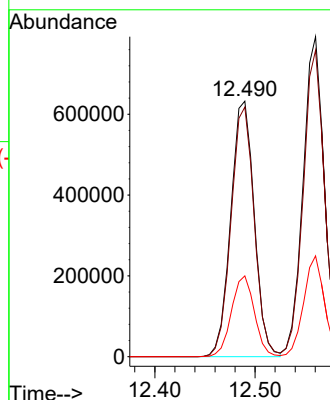
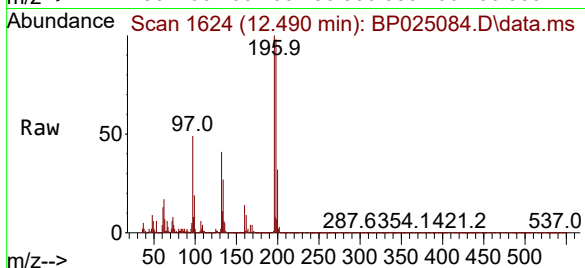
Tgt Ion:196 Resp: 1031791

Ion Ratio Lower Upper

196 100

198 97.7 76.2 114.2

200 31.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 55.153 ng

RT: 12.560 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:196 Resp: 1173309

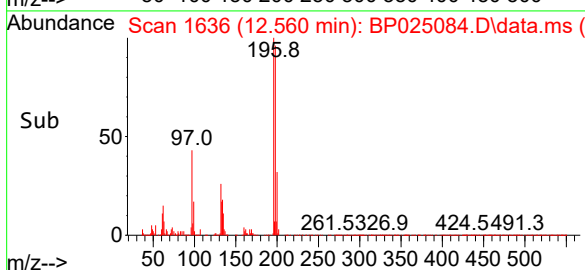
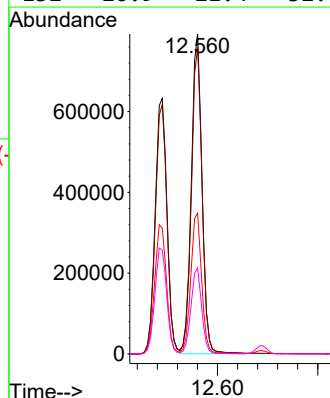
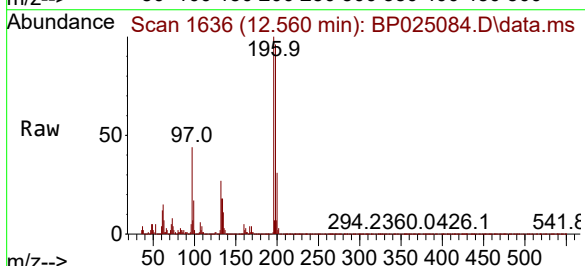
Ion Ratio Lower Upper

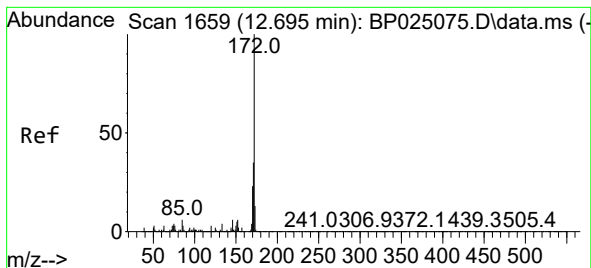
196 100

198 95.7 76.6 115.0

97 43.9 36.6 55.0

132 26.9 21.4 32.0

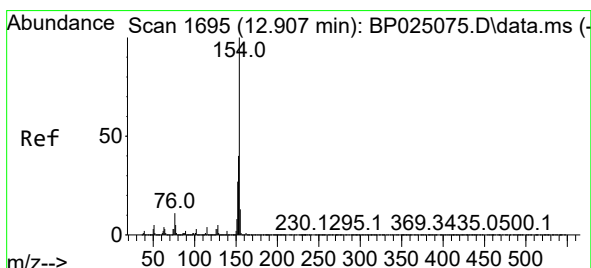
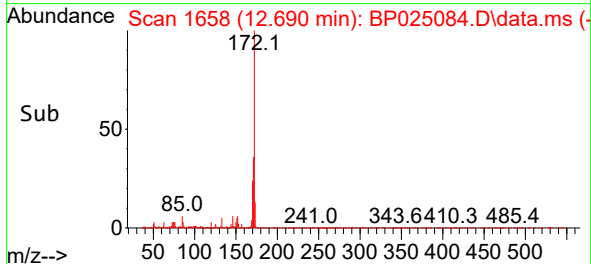
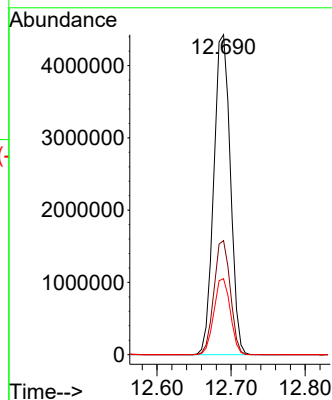
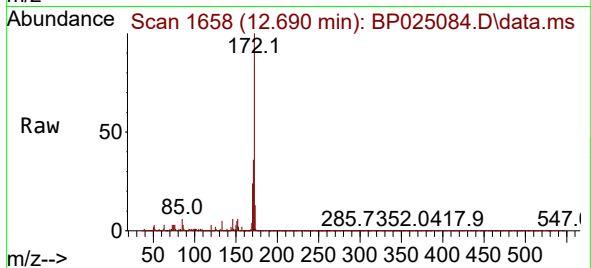




#45
2-Fluorobiphenyl
Concen: 98.831 ng
RT: 12.690 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

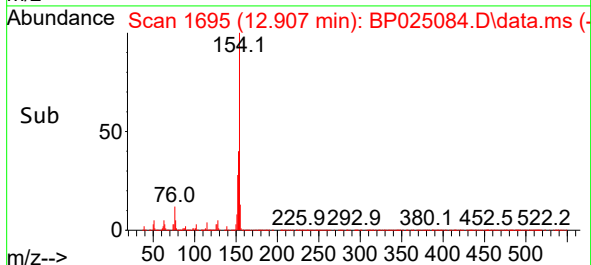
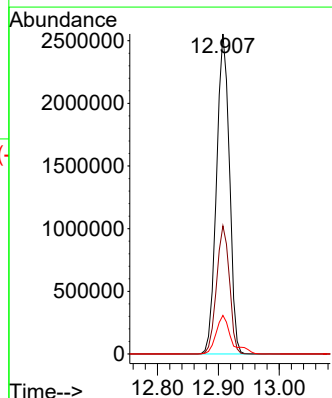
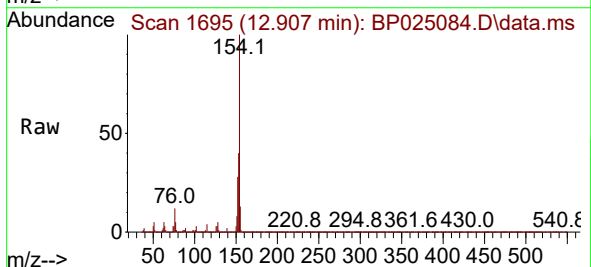
Instrument :
BNA_P
ClientSampleId :
PB168767BS

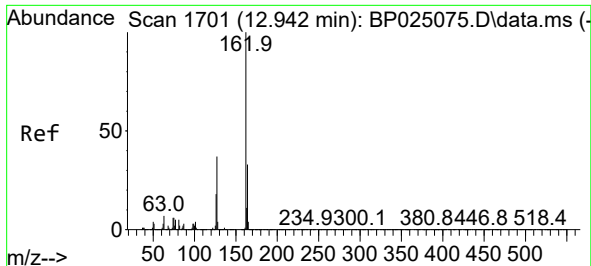
Tgt Ion:172 Resp: 6881510
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.698 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:154 Resp: 3743427
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 12.1 0.0 31.5

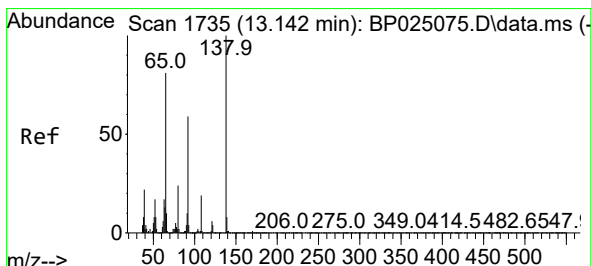
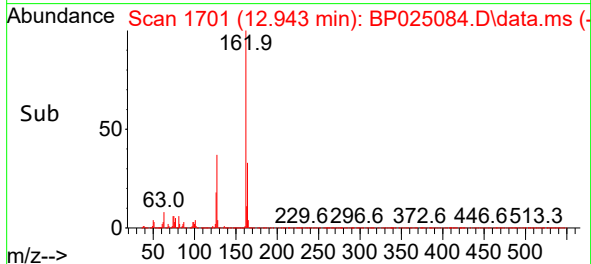
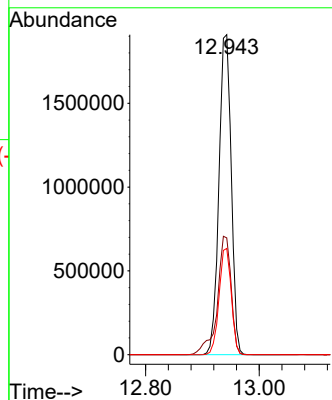
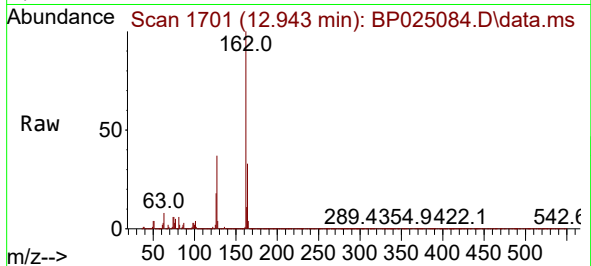




#47
2-Chloronaphthalene
Concen: 48.510 ng
RT: 12.943 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

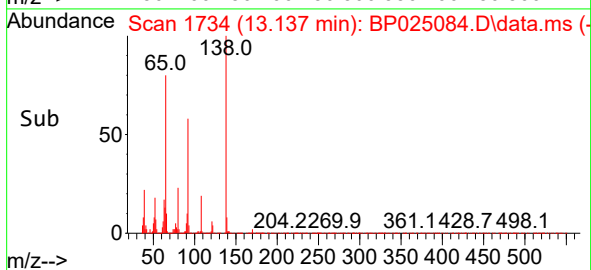
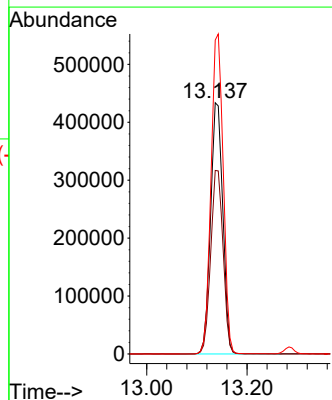
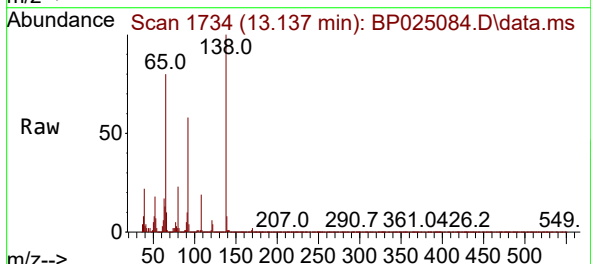
Instrument :
BNA_P
ClientSampleId :
PB168767BS

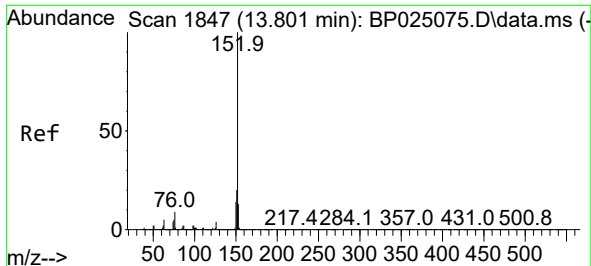
Tgt Ion:162 Resp: 2861497
Ion Ratio Lower Upper
162 100
127 36.5 29.4 44.2
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 50.801 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 65 Resp: 736535
Ion Ratio Lower Upper
65 100
92 73.1 58.7 88.1
138 125.0 99.0 148.4

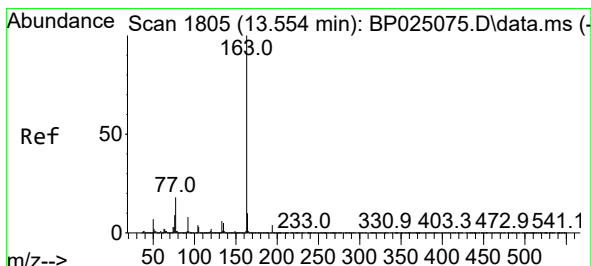
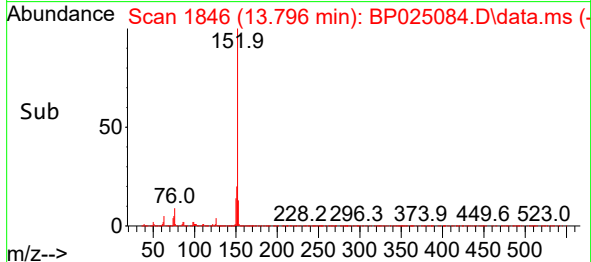
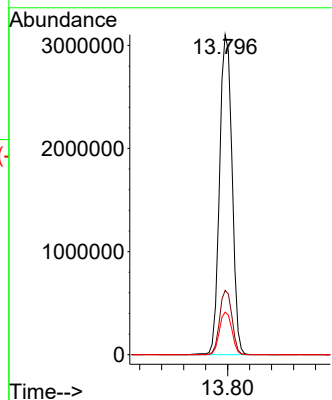
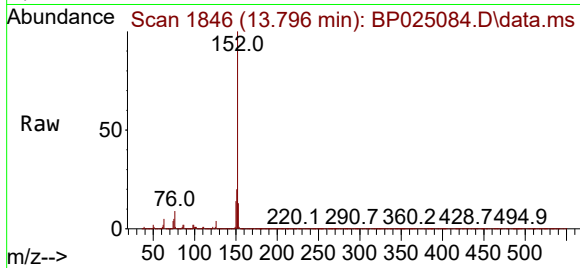




#49
Acenaphthylene
Concen: 54.185 ng
RT: 13.796 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

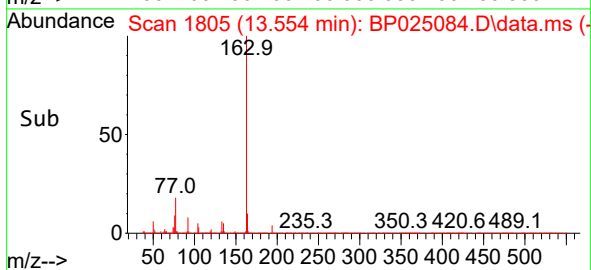
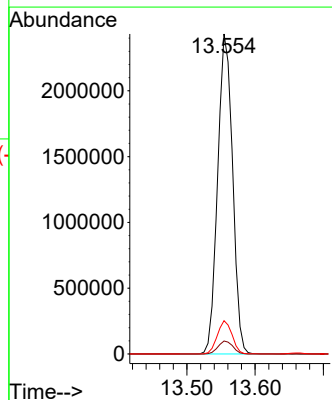
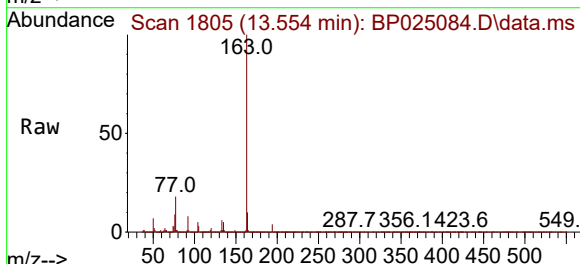
Instrument :
BNA_P
ClientSampleId :
PB168767BS

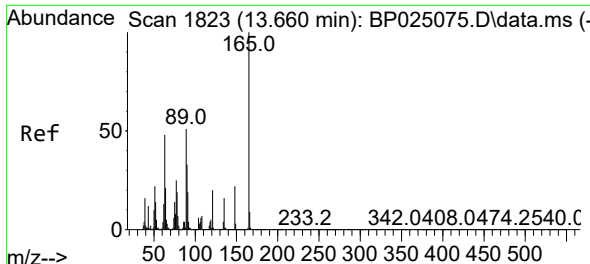
Tgt Ion:152 Resp: 4892015
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 49.076 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:163 Resp: 3705549
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.0 12.0

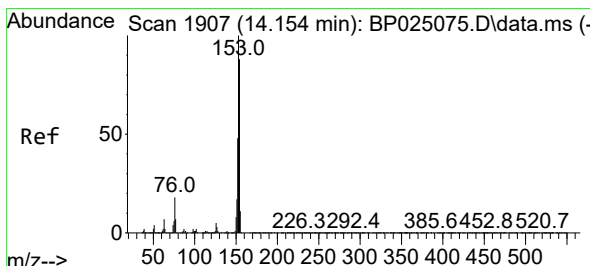
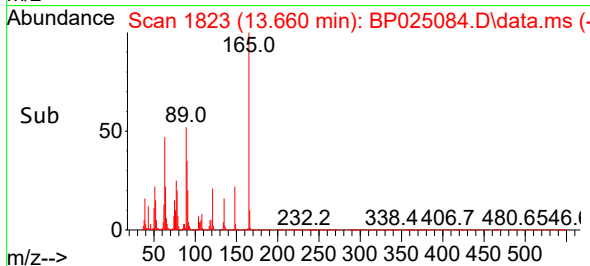
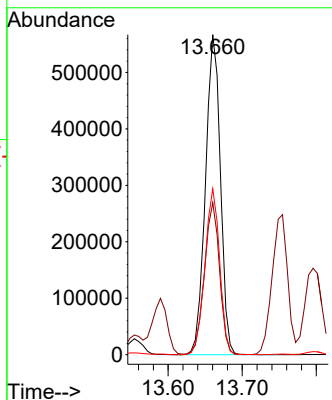
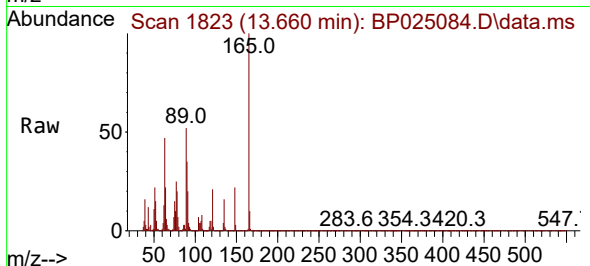




#51
2,6-Dinitrotoluene
Concen: 53.800 ng
RT: 13.660 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

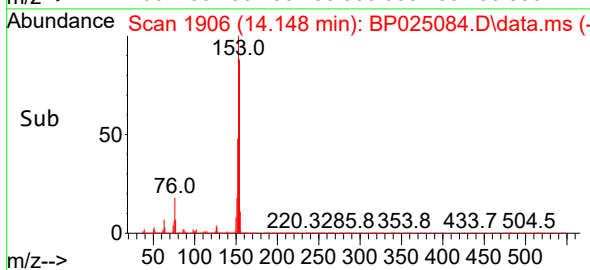
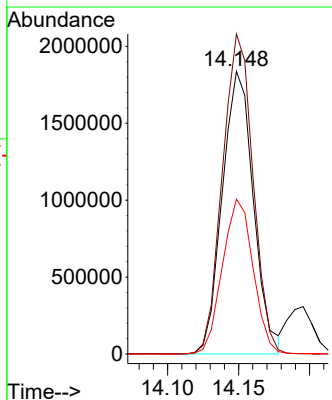
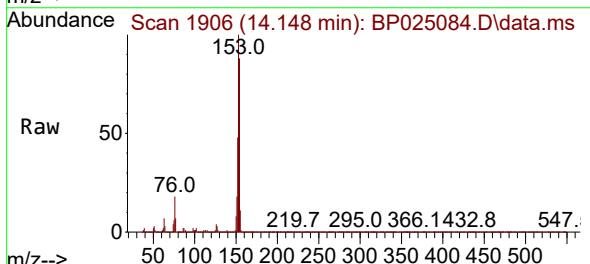
Instrument :
BNA_P
ClientSampleId :
PB168767BS

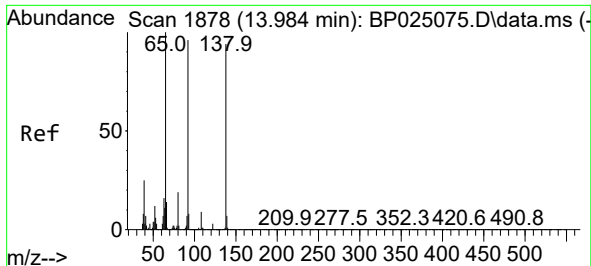
Tgt Ion:165 Resp: 792263
Ion Ratio Lower Upper
165 100
63 47.5 38.5 57.7
89 51.8 40.6 61.0



#52
Acenaphthene
Concen: 48.173 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:154 Resp: 2803184
Ion Ratio Lower Upper
154 100
153 113.2 90.6 136.0
152 54.8 43.8 65.8

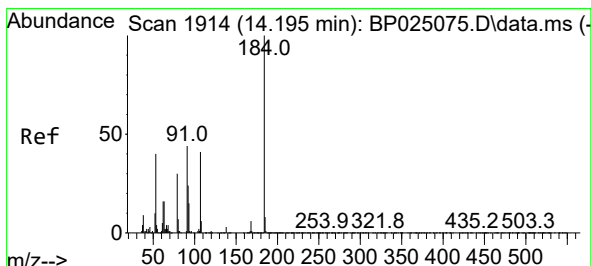
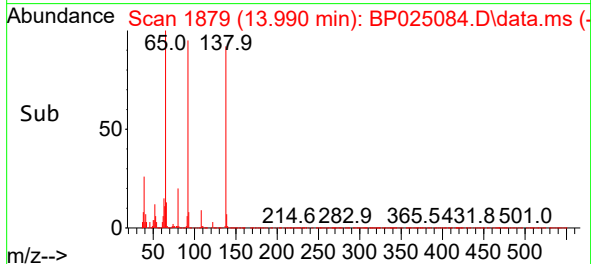
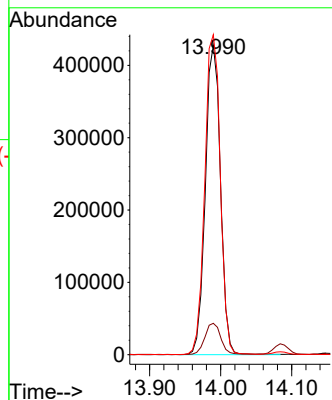
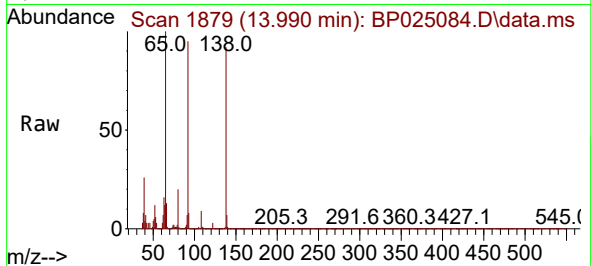




#53
3-Nitroaniline
Concen: 40.122 ng
RT: 13.990 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

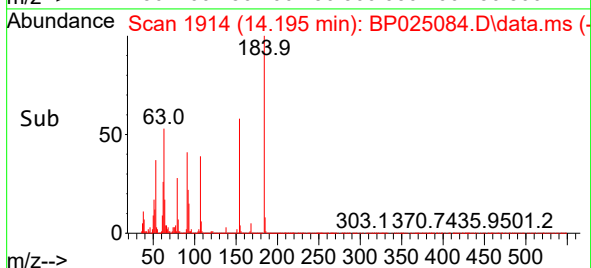
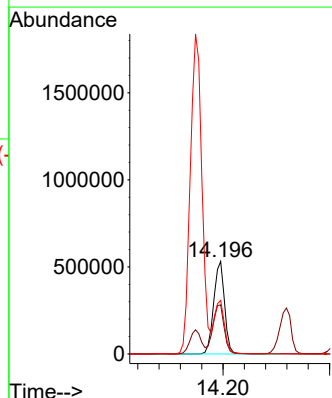
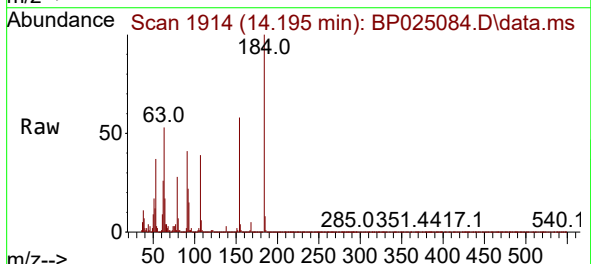
Instrument :
BNA_P
ClientSampleId :
PB168767BS

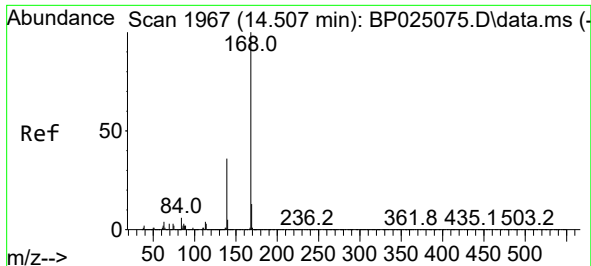
Tgt Ion:138 Resp: 633192
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 103.4 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 102.794 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:184 Resp: 751646
Ion Ratio Lower Upper
184 100
63 53.2 47.4 71.0
154 57.9 47.8 71.8

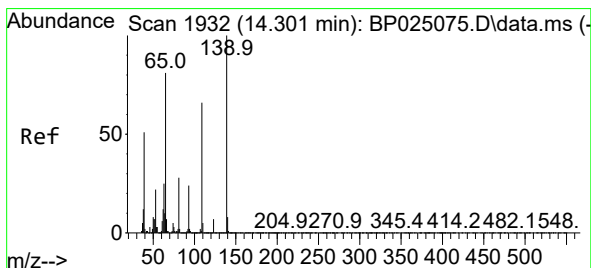
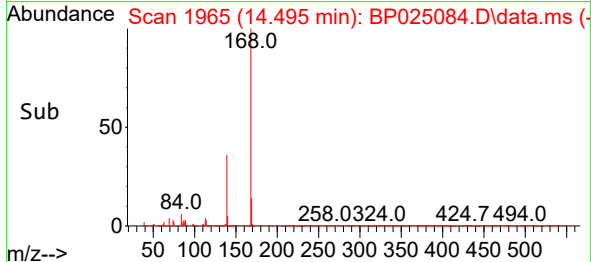
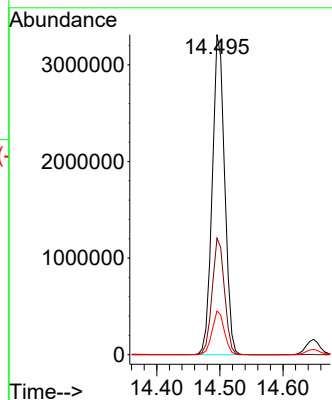
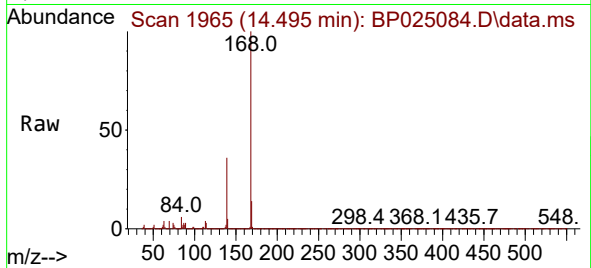




#55
Dibenzofuran
Concen: 46.874 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

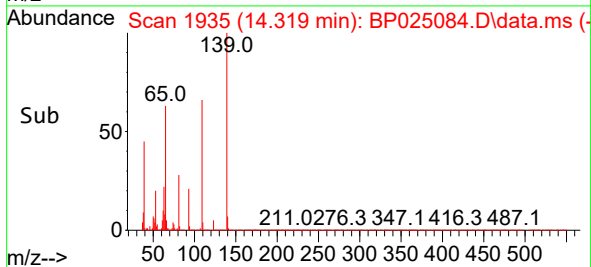
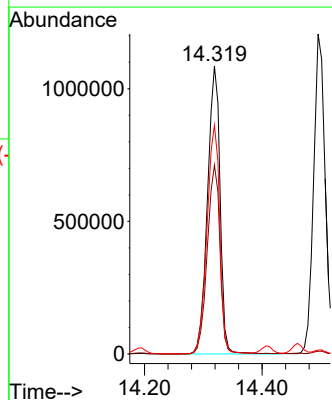
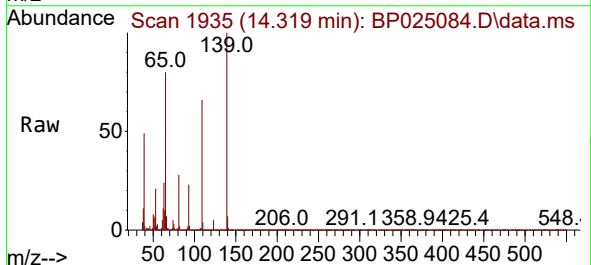
Instrument :
BNA_P
ClientSampleId :
PB168767BS

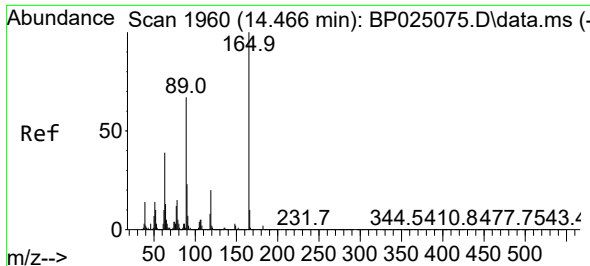
Tgt Ion:168 Resp: 4501415
Ion Ratio Lower Upper
168 100
139 36.4 28.6 43.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 110.515 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:139 Resp: 1609549
Ion Ratio Lower Upper
139 100
109 65.6 45.9 85.9
65 79.6 61.4 101.4

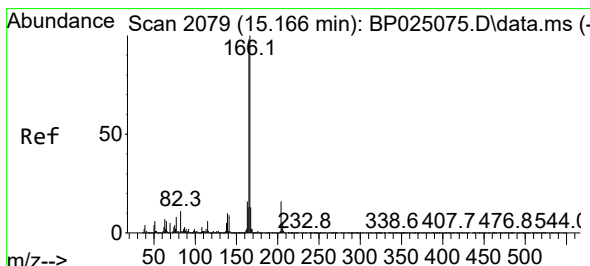
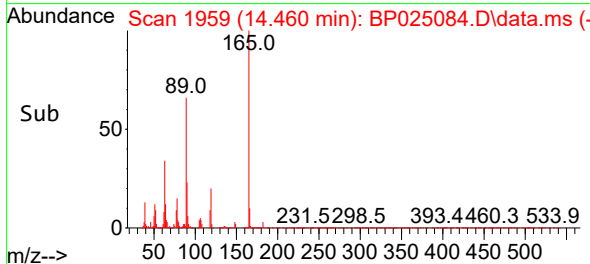
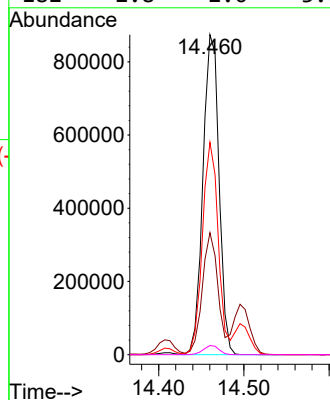
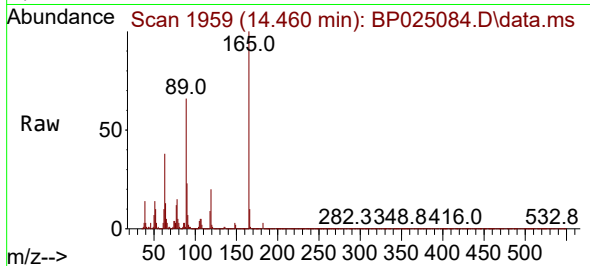




#57
2,4-Dinitrotoluene
Concen: 52.686 ng
RT: 14.460 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

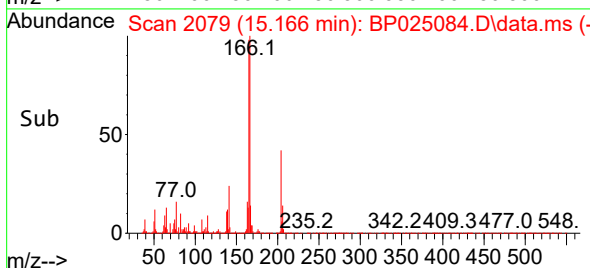
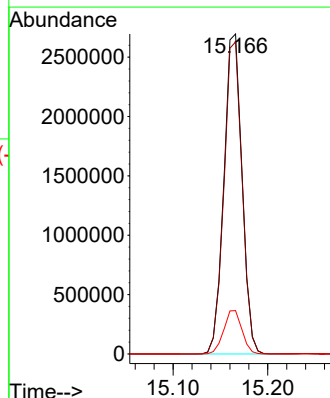
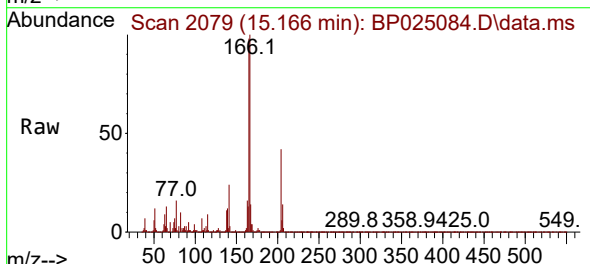
Instrument :
BNA_P
ClientSampleId :
PB168767BS

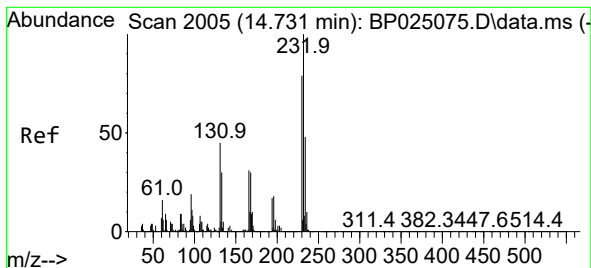
Tgt Ion:165 Resp: 1144571
Ion Ratio Lower Upper
165 100
63 38.1 31.0 46.4
89 66.4 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 48.431 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:166 Resp: 3597418
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.5 10.7 16.1

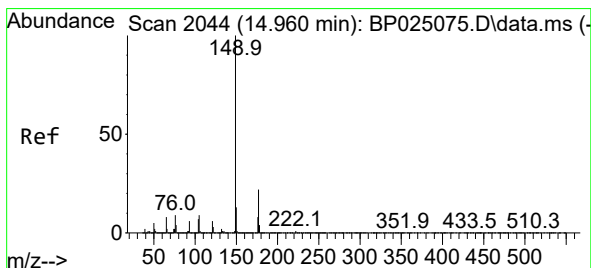
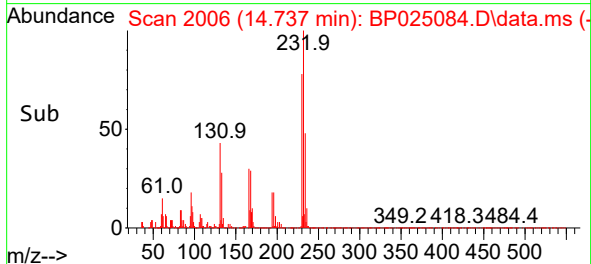
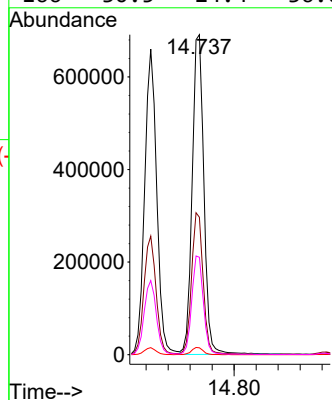
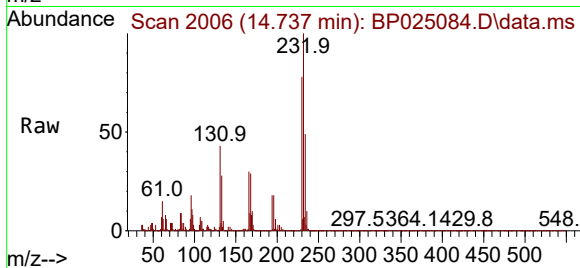




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.733 ng
RT: 14.737 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

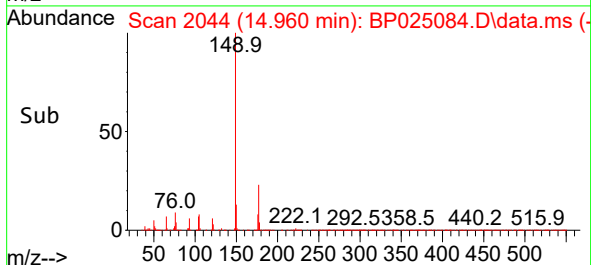
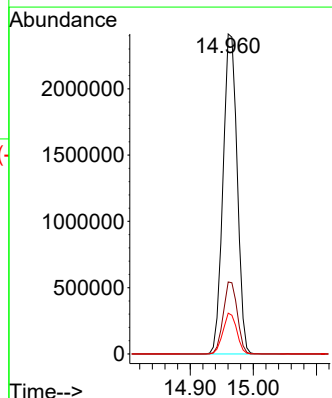
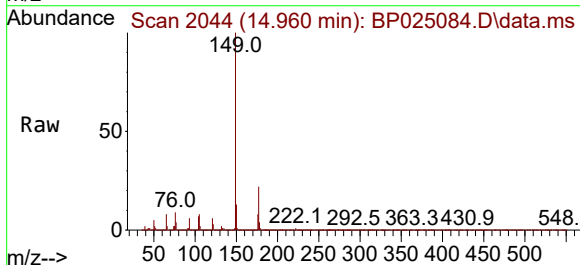
Instrument :
BNA_P
ClientSampleId :
PB168767BS

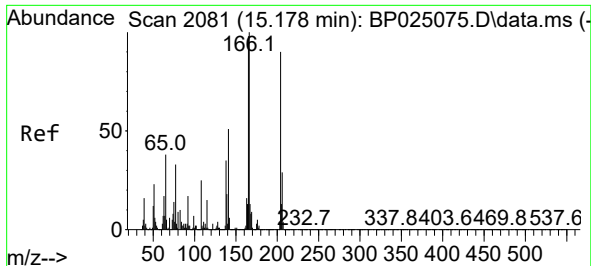
Tgt Ion:232 Resp: 1015880
Ion Ratio Lower Upper
232 100
131 44.0 35.7 53.5
130 2.2 1.8 2.6
166 30.5 24.4 36.6



#60
Diethylphthalate
Concen: 49.514 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 3755069
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.2 15.2

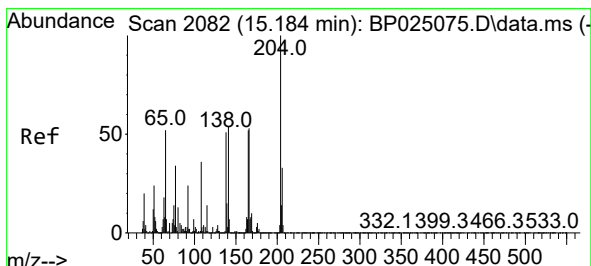
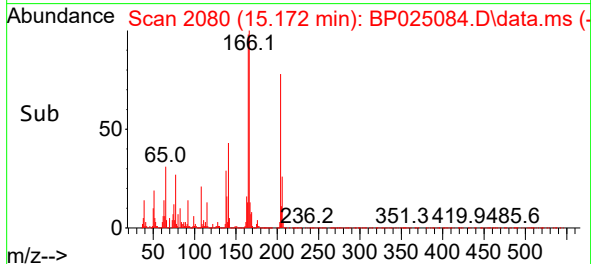
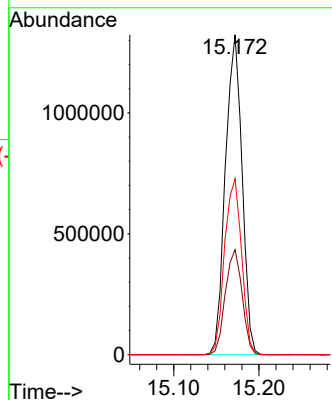
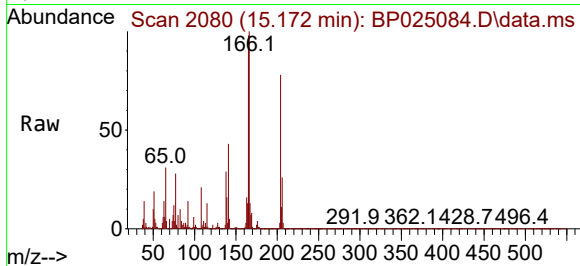




#61
4-Chlorophenyl-phenylether
Concen: 48.804 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

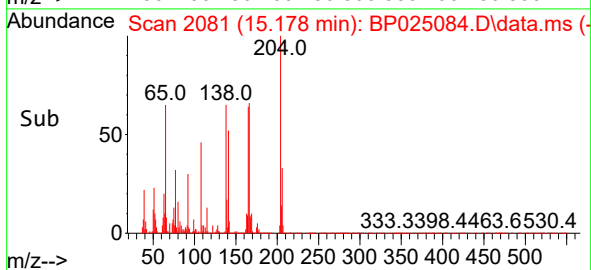
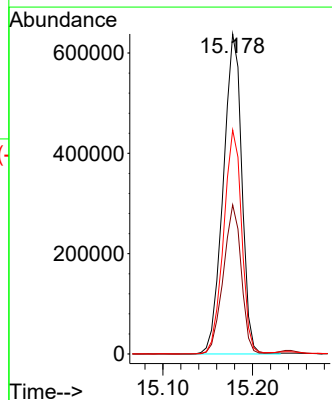
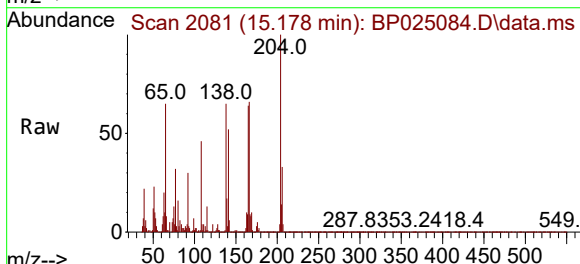
Instrument :
BNA_P
ClientSampleId :
PB168767BS

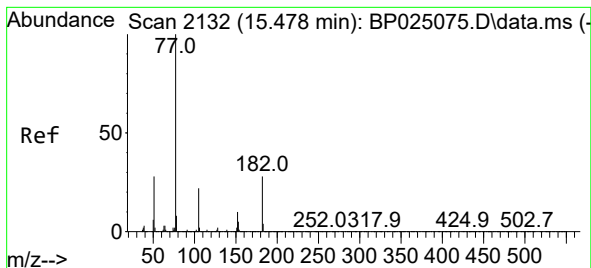
Tgt Ion:204 Resp: 1794033
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 55.0 45.1 67.7



#62
4-Nitroaniline
Concen: 55.384 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:138 Resp: 916515
Ion Ratio Lower Upper
138 100
92 46.6 26.0 66.0
108 70.0 50.0 90.0





#63

Azobenzene

Concen: 48.004 ng

RT: 15.472 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

Tgt Ion: 77 Resp: 3241778

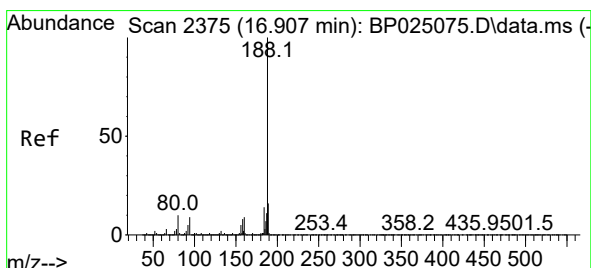
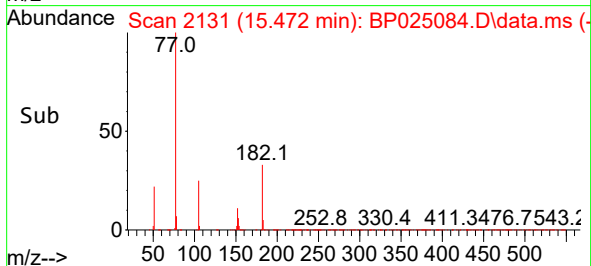
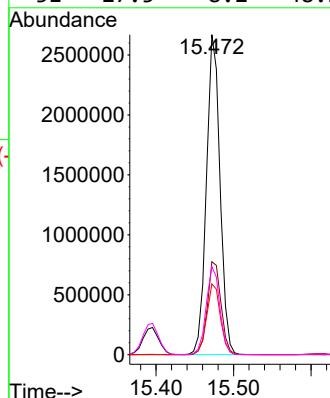
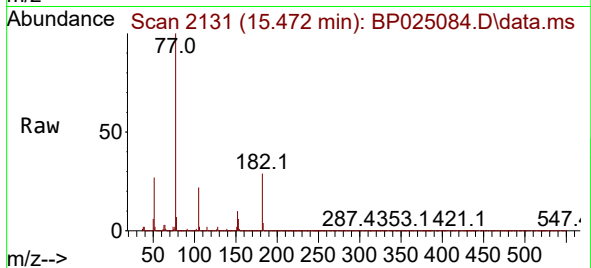
Ion Ratio Lower Upper

77 100

182 29.1 7.7 47.7

105 22.2 1.9 41.9

51 27.5 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

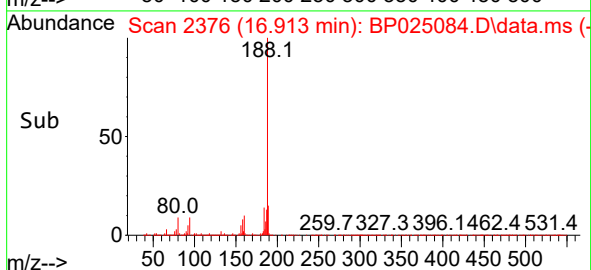
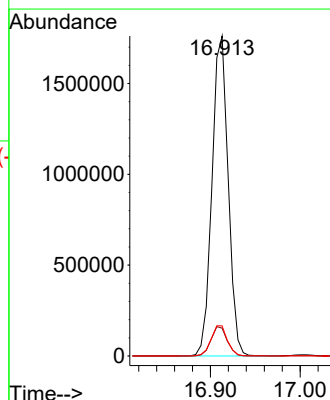
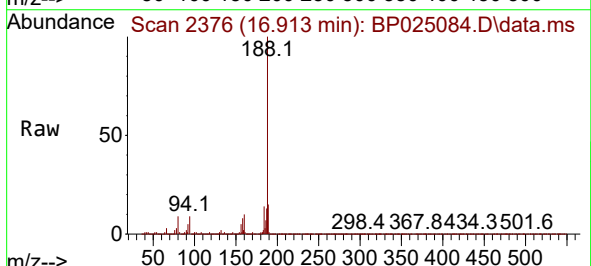
Tgt Ion:188 Resp: 2205227

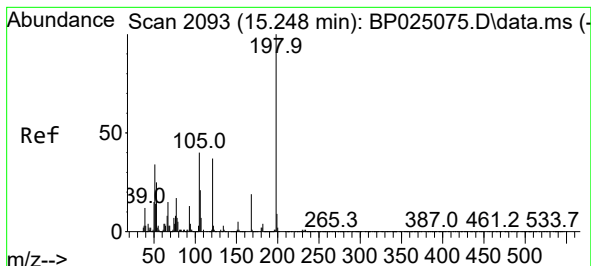
Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.4 7.8 11.6

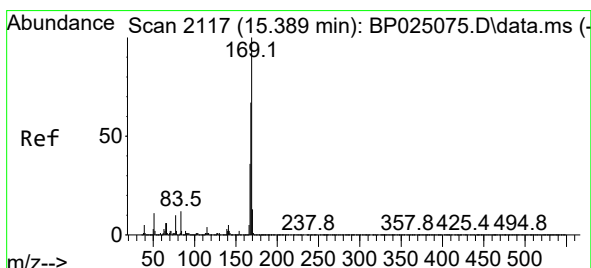
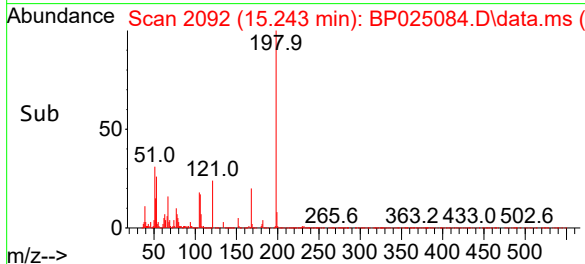
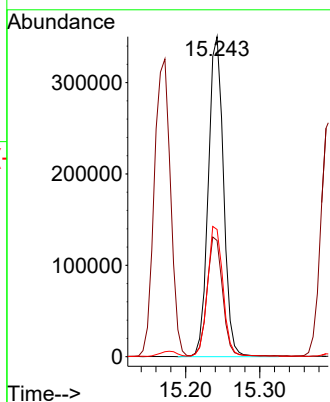
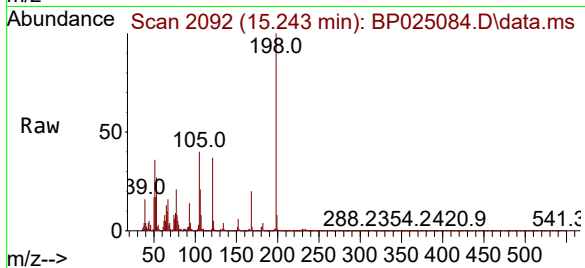




#65
4,6-Dinitro-2-methylphenol
Concen: 49.519 ng
RT: 15.243 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

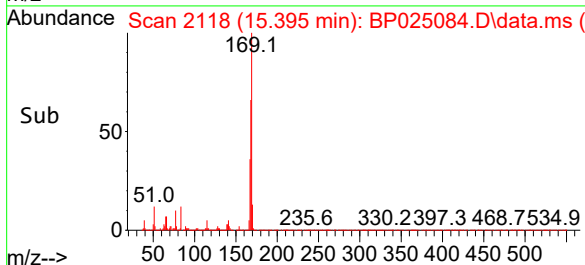
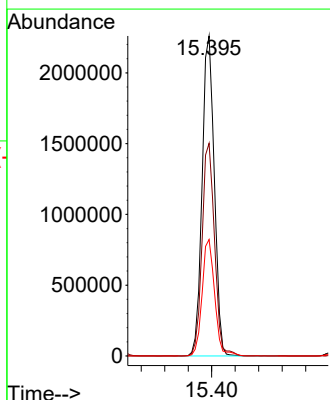
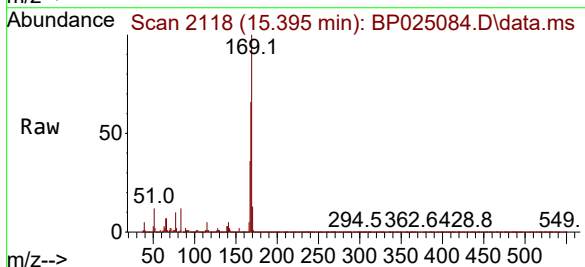
Instrument :
BNA_P
ClientSampleId :
PB168767BS

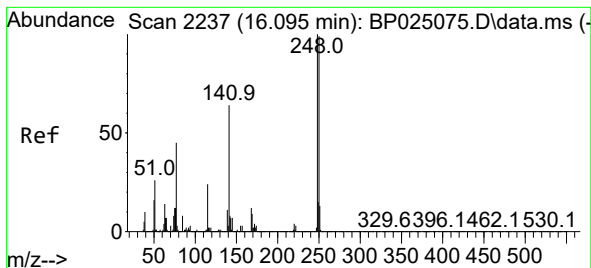
Tgt Ion:198 Resp: 498938
Ion Ratio Lower Upper
198 100
51 36.3 16.8 56.8
105 39.8 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 51.563 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:169 Resp: 3254196
Ion Ratio Lower Upper
169 100
168 66.4 54.1 81.1
167 36.4 29.0 43.6

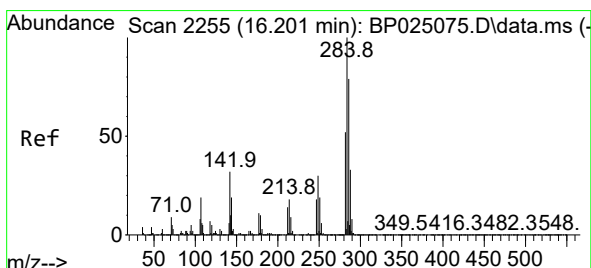
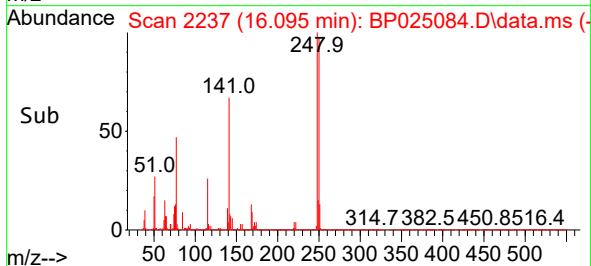
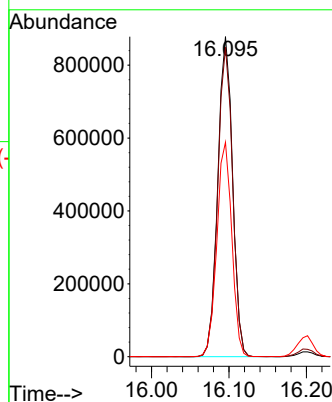
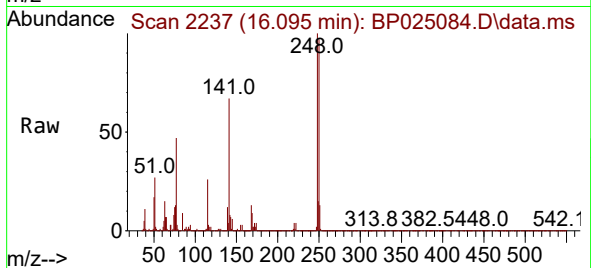




#67
4-Bromophenyl-phenylether
Concen: 51.488 ng
RT: 16.095 min Scan# 2237
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

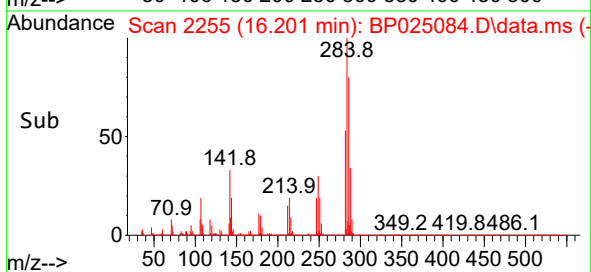
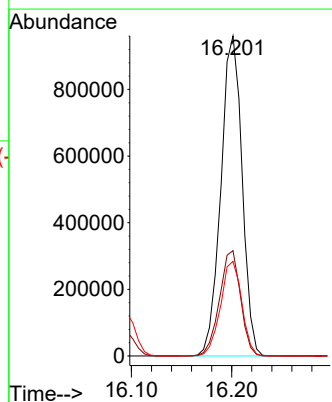
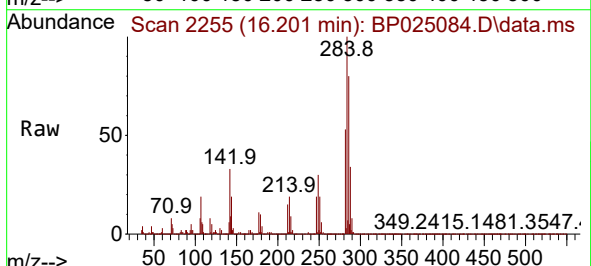
Instrument :
BNA_P
ClientSampleId :
PB168767BS

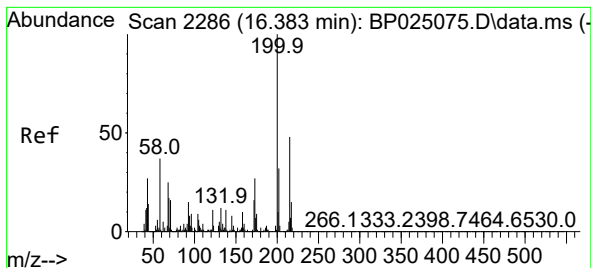
Tgt Ion:248 Resp: 1162551
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 67.0 51.4 77.0



#68
Hexachlorobenzene
Concen: 51.003 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:284 Resp: 1407568
Ion Ratio Lower Upper
284 100
142 32.9 25.9 38.9
249 29.6 23.8 35.8





#69

Atrazine

Concen: 63.141 ng

RT: 16.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

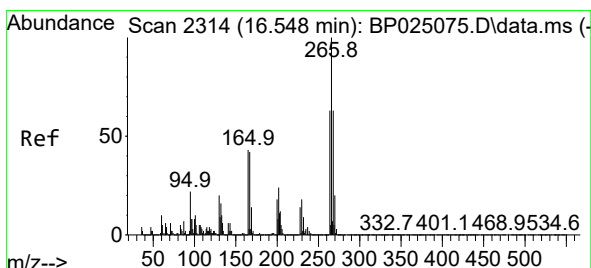
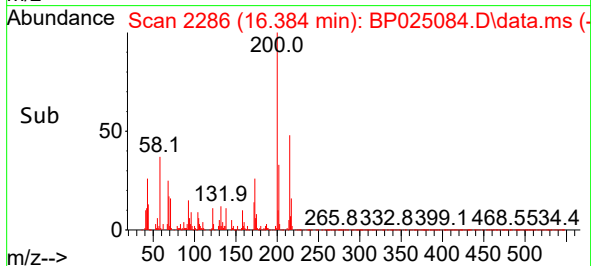
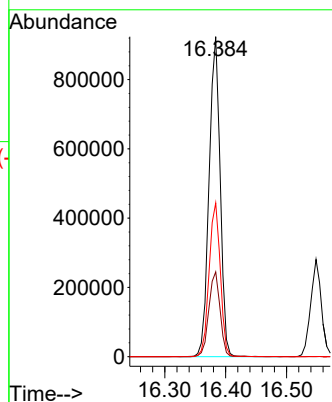
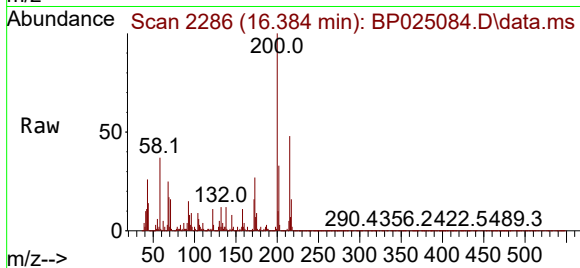
Tgt Ion:200 Resp: 1167691

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 48.1 28.0 68.0



#70

Pentachlorophenol

Concen: 103.612 ng

RT: 16.548 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

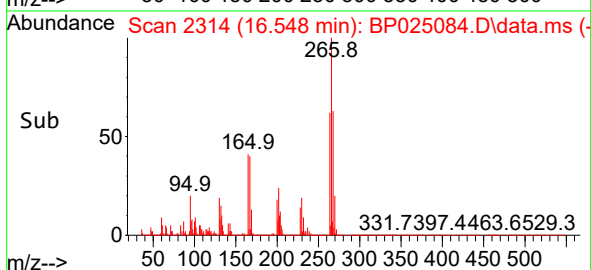
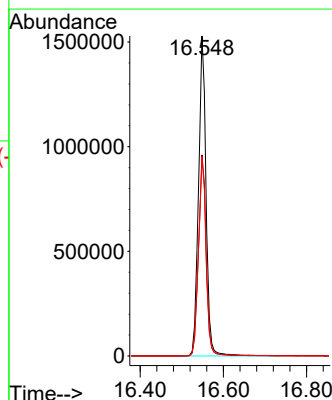
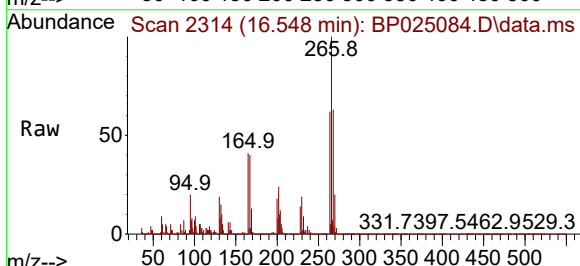
Tgt Ion:266 Resp: 1931158

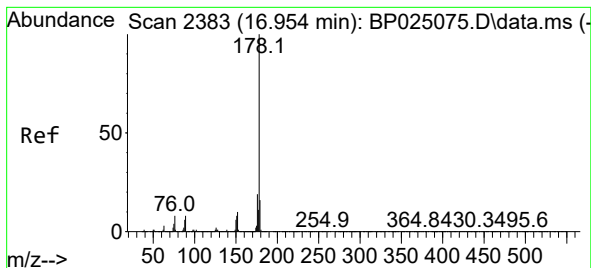
Ion Ratio Lower Upper

266 100

268 62.9 50.4 75.6

264 62.2 50.2 75.2





#71

Phenanthrene

Concen: 49.813 ng

RT: 16.948 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

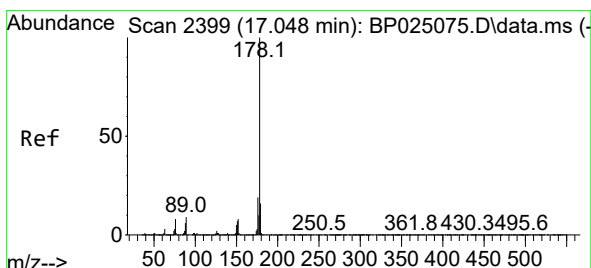
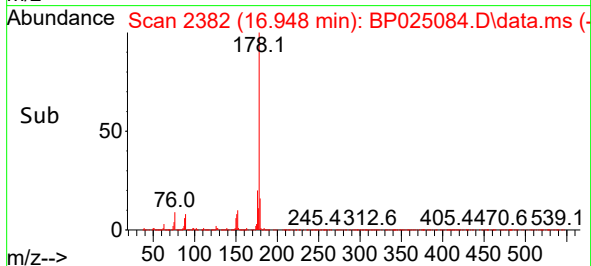
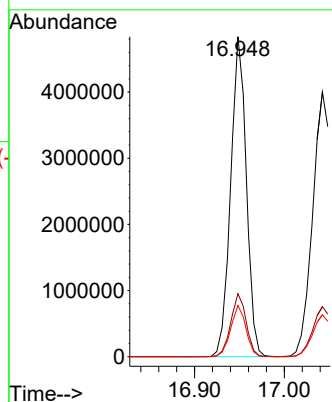
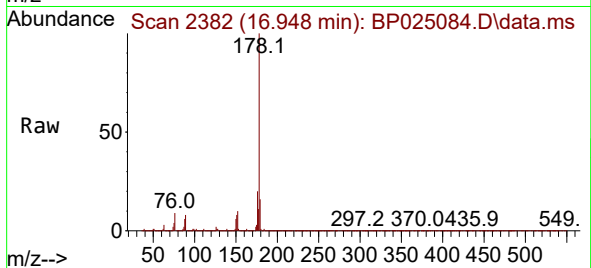
Tgt Ion:178 Resp: 5869673

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.0 12.6 19.0



#72

Anthracene

Concen: 53.160 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

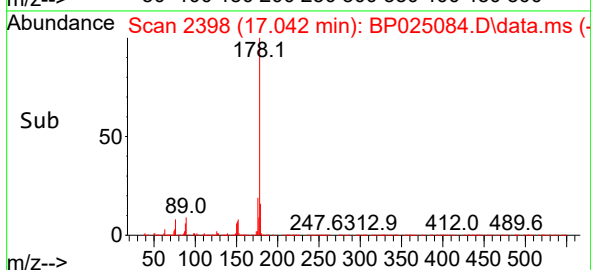
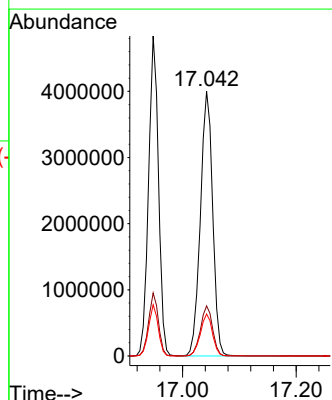
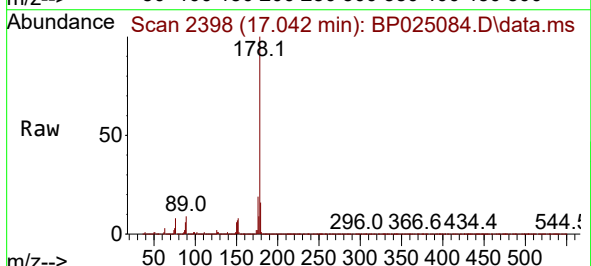
Tgt Ion:178 Resp: 6009578

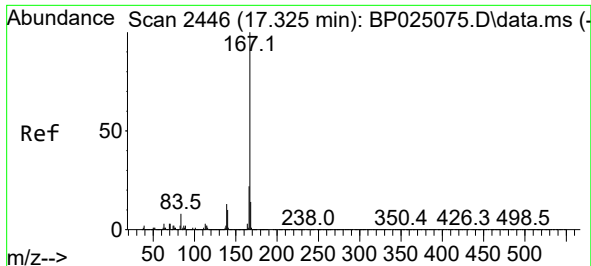
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.8 12.5 18.7

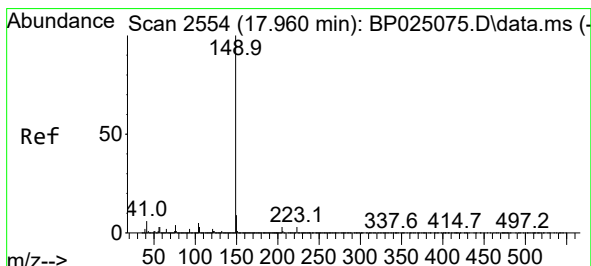
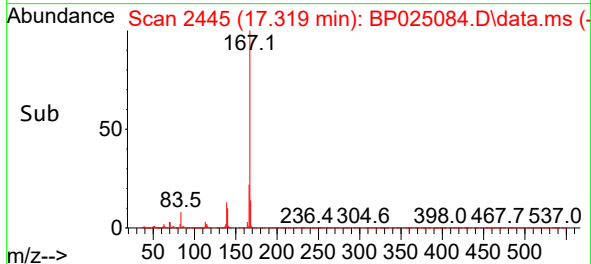
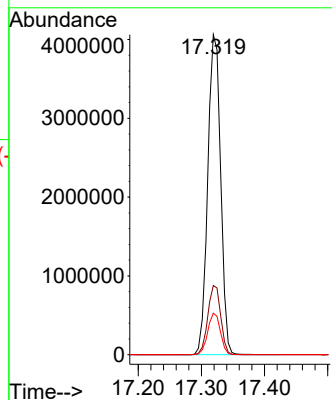
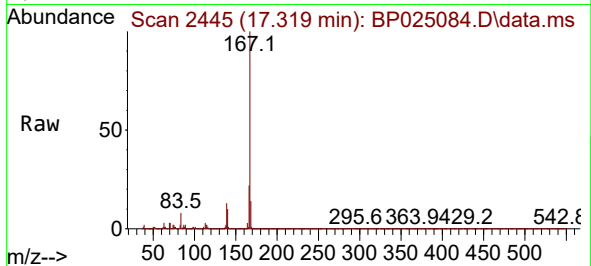




#73
 Carbazole
 Concen: 51.995 ng
 RT: 17.319 min Scan# 2446
 Delta R.T. -0.006 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

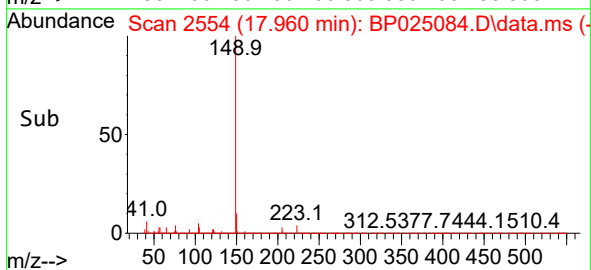
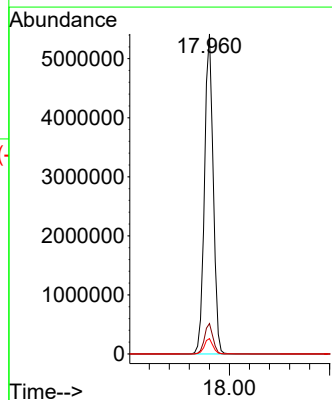
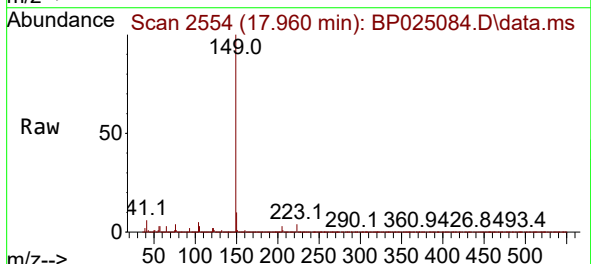
Instrument :
 BNA_P
 ClientSampleId :
 PB168767BS

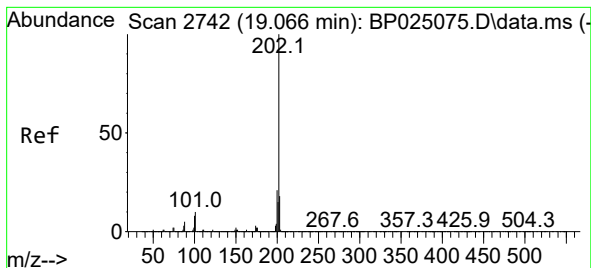
Tgt Ion:167 Resp: 5747053
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 53.028 ng
 RT: 17.960 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BP025084.D
 Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 6527040
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 50.151 ng

RT: 19.060 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

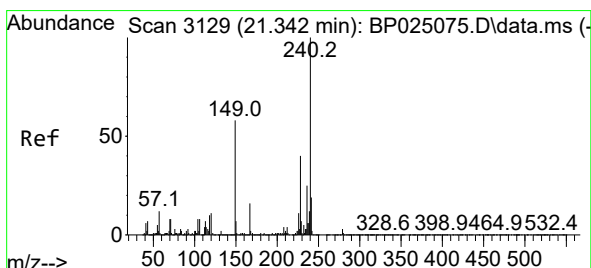
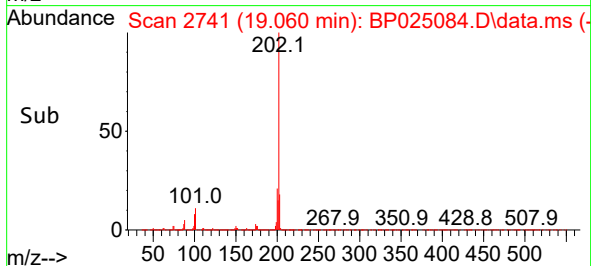
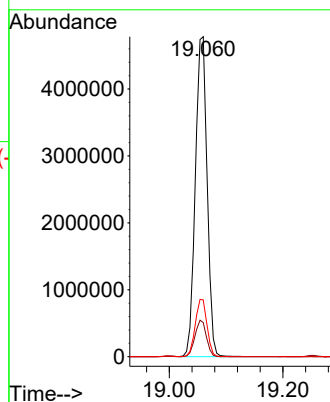
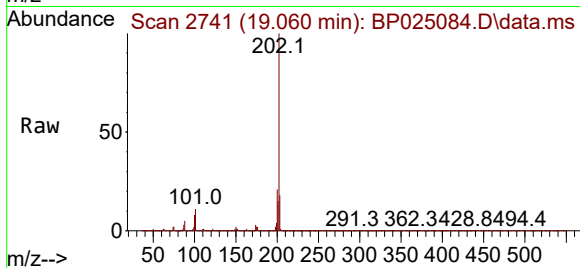
Tgt Ion:202 Resp: 6907625

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.4

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

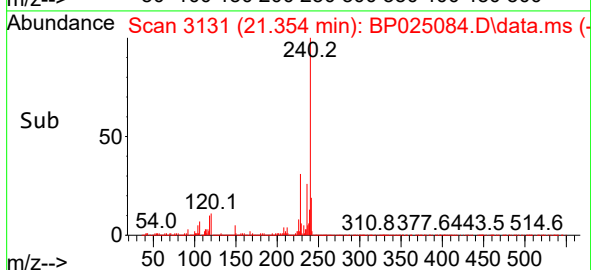
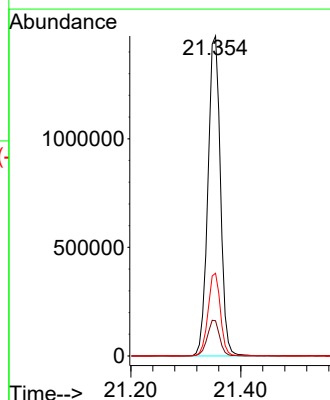
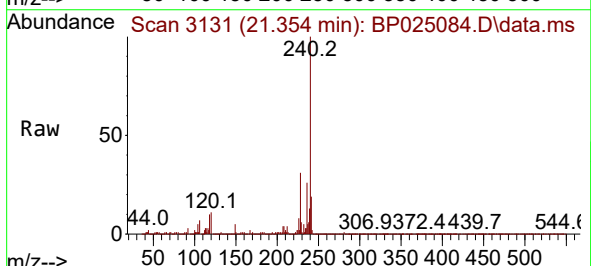
Tgt Ion:240 Resp: 2320390

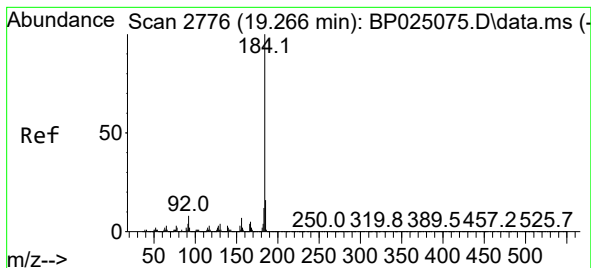
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.9 20.3 30.5





#77

Benzidine

Concen: 94.905 ng

RT: 19.254 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

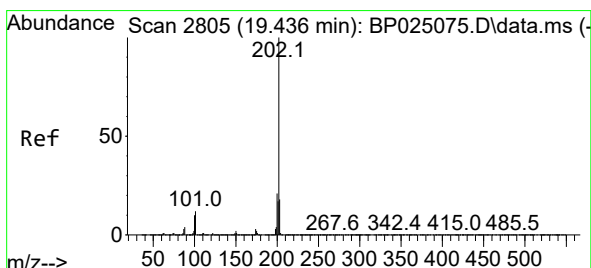
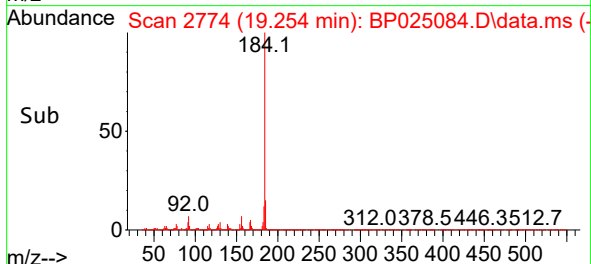
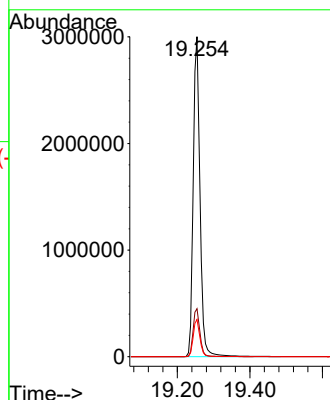
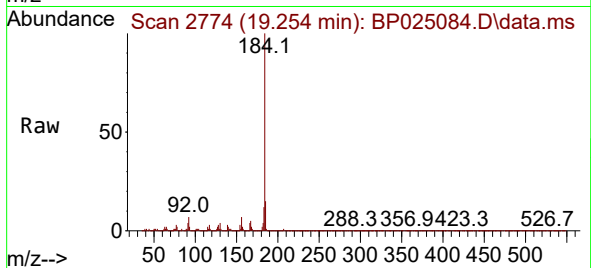
Tgt Ion:184 Resp: 3889346

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 11.7 9.4 14.2



#78

Pyrene

Concen: 50.232 ng

RT: 19.436 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

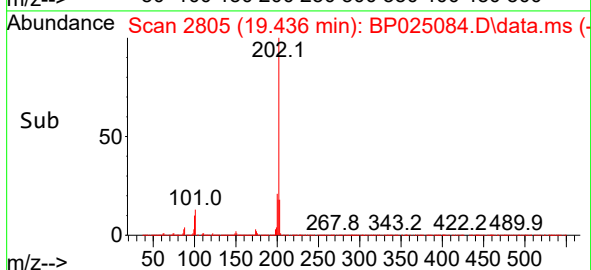
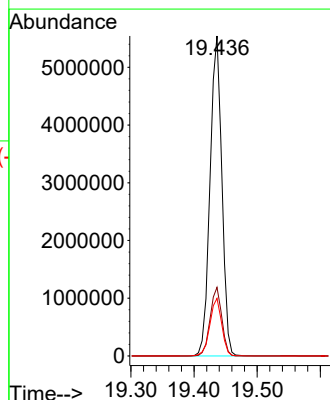
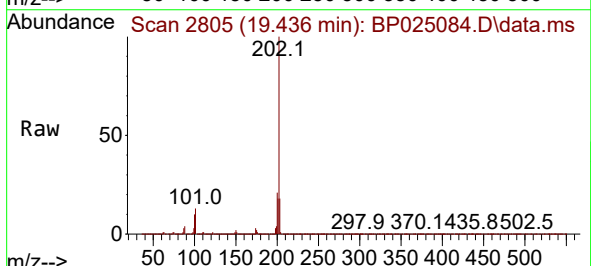
Tgt Ion:202 Resp: 7219325

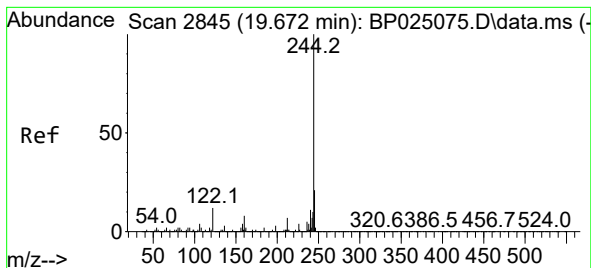
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 104.809 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

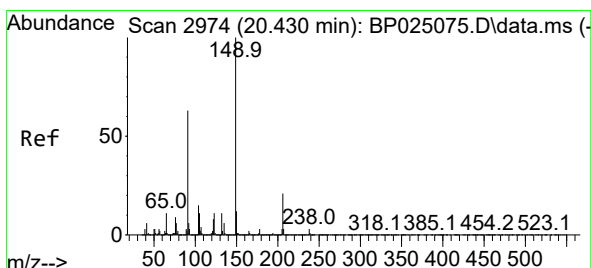
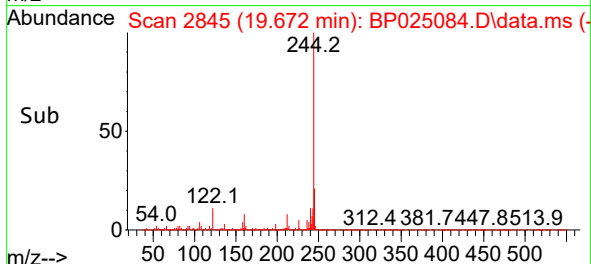
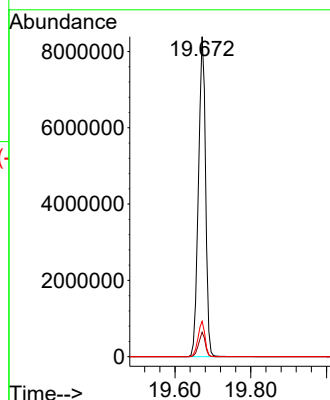
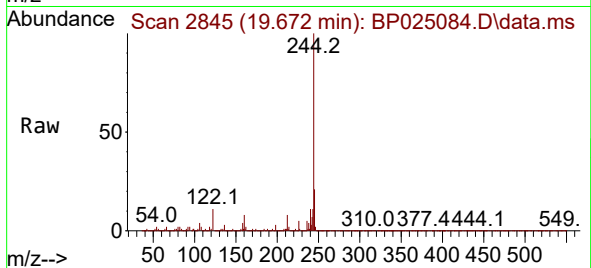
Tgt Ion:244 Resp:11065557

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 50.353 ng

RT: 20.425 min Scan# 2973

Delta R.T. -0.005 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

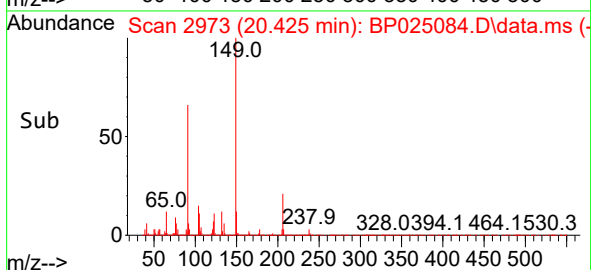
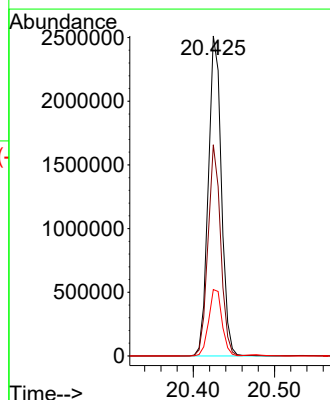
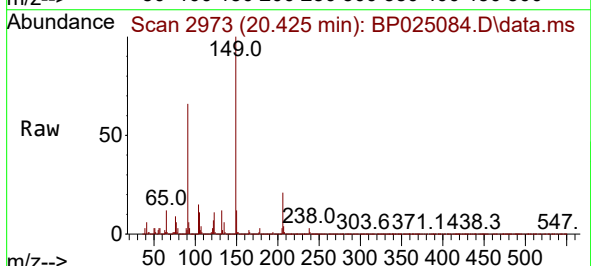
Tgt Ion:149 Resp: 2798969

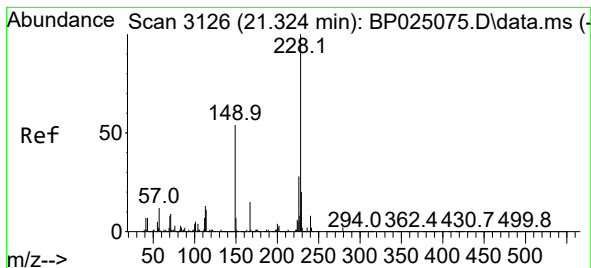
Ion Ratio Lower Upper

149 100

91 66.0 50.6 76.0

206 20.7 17.2 25.8





#81

Benzo(a)anthracene

Concen: 51.463 ng

RT: 21.330 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

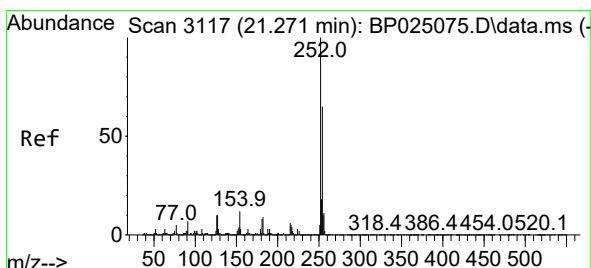
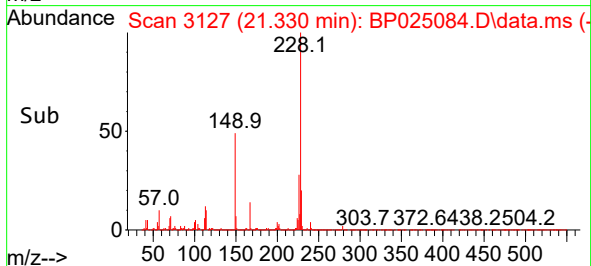
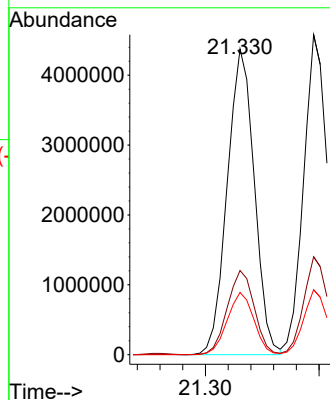
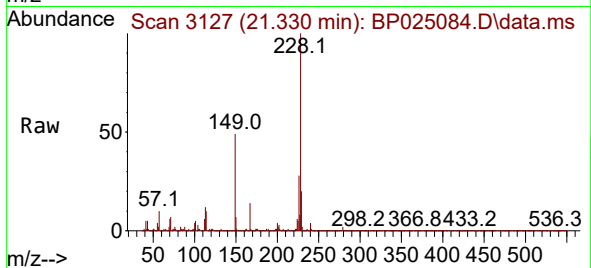
Tgt Ion:228 Resp: 7236650

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 39.959 ng

RT: 21.260 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

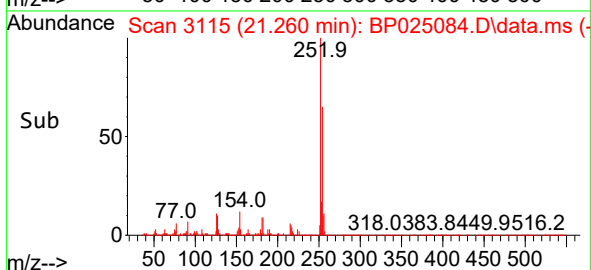
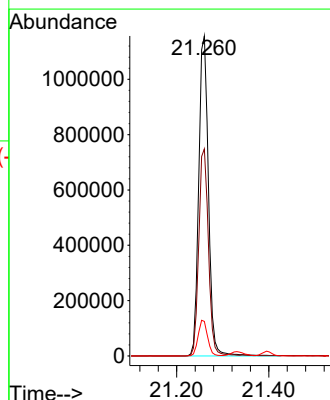
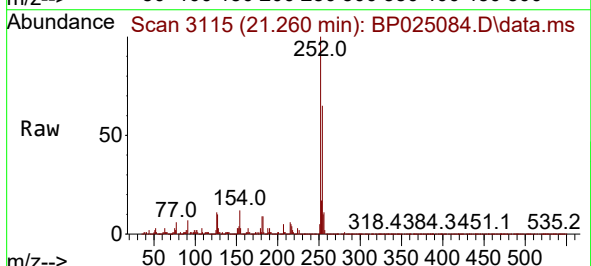
Tgt Ion:252 Resp: 1691514

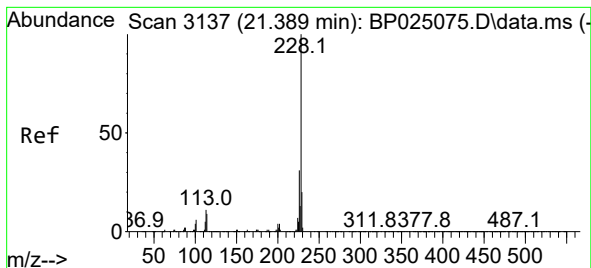
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 10.8 8.1 12.1





#83

Chrysene

Concen: 49.324 ng

RT: 21.395 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

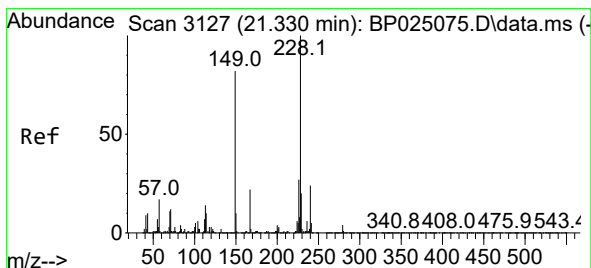
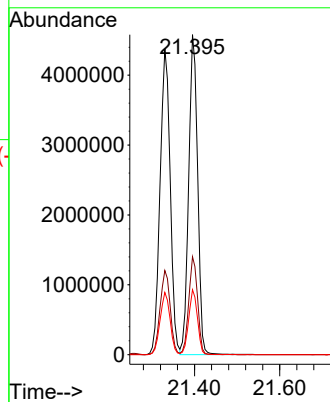
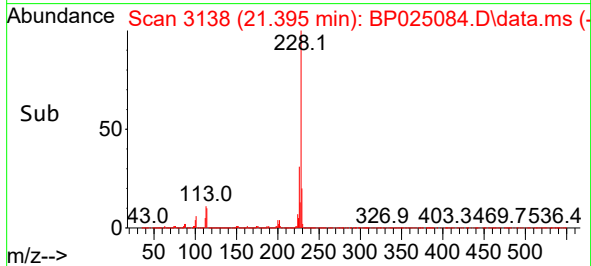
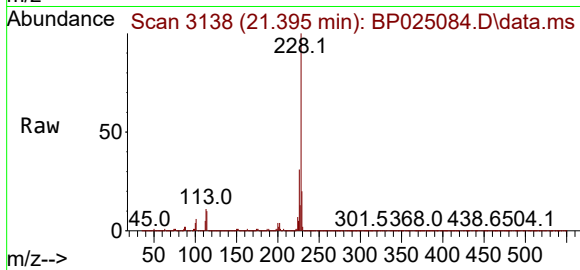
Tgt Ion:228 Resp: 6674669

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.766 ng

RT: 21.325 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

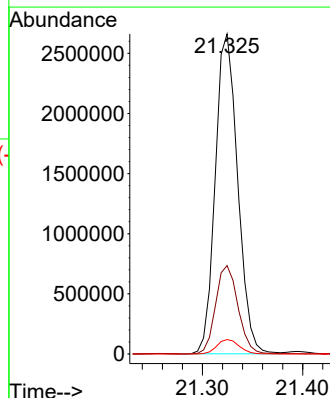
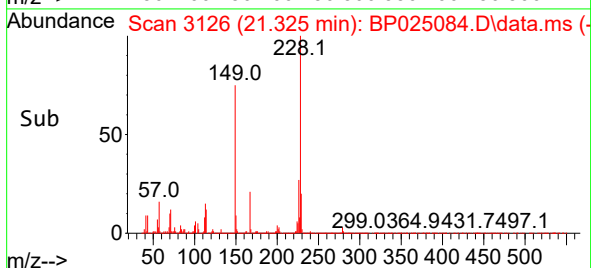
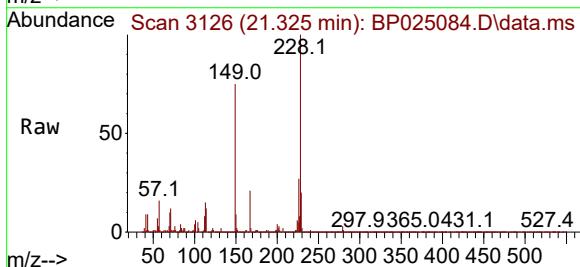
Tgt Ion:149 Resp: 4130780

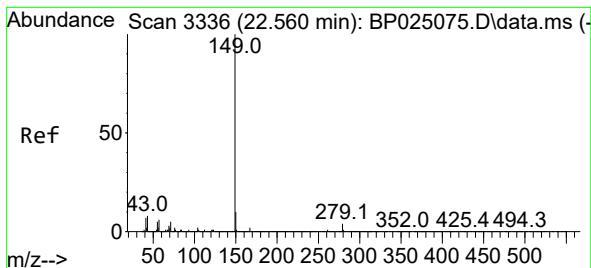
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.625 ng

RT: 22.542 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

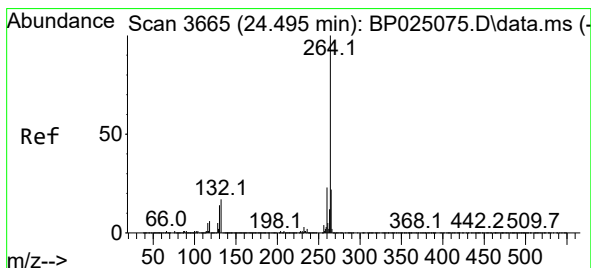
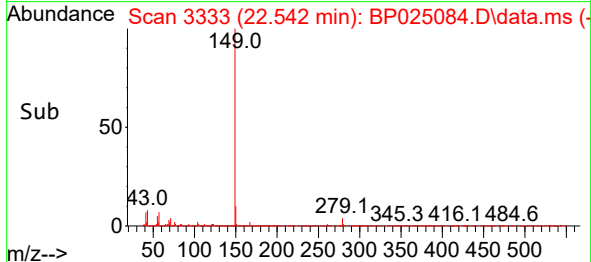
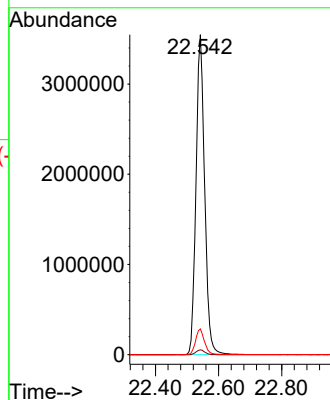
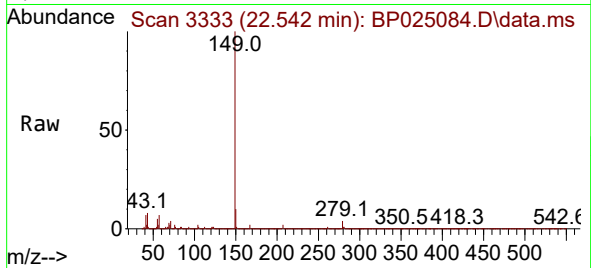
Tgt Ion:149 Resp: 6737637

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

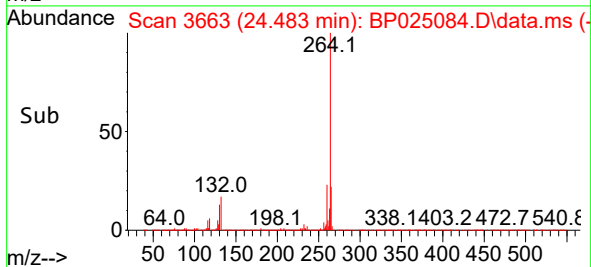
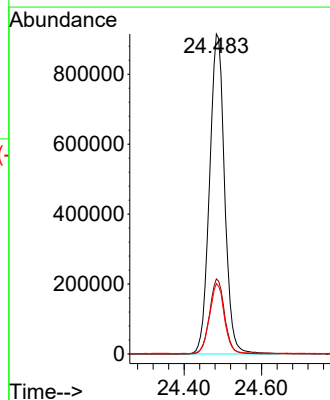
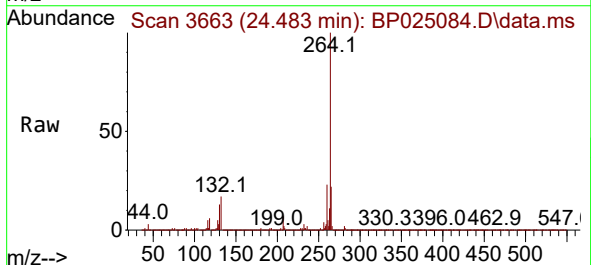
Tgt Ion:264 Resp: 2463988

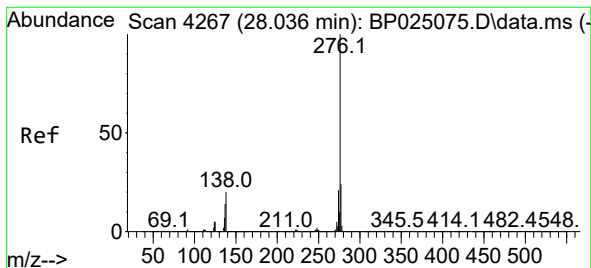
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.579 ng m

RT: 28.024 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

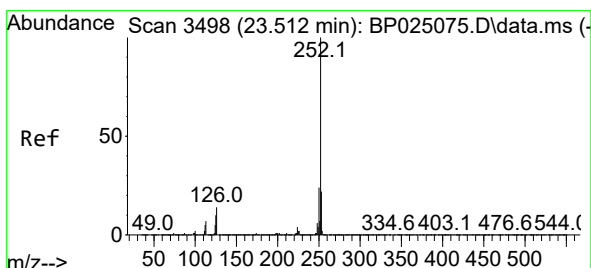
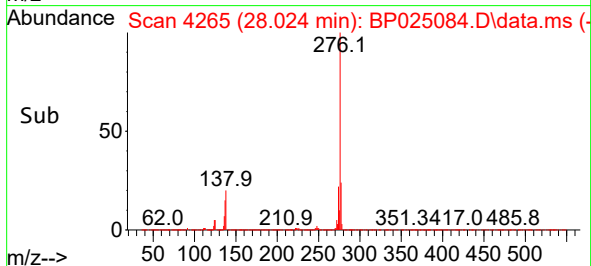
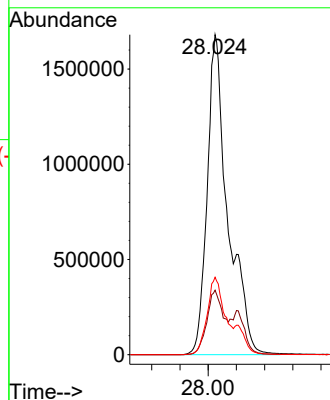
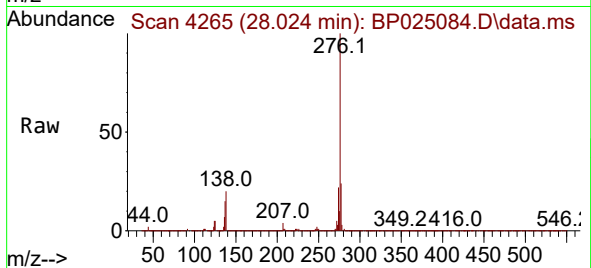
Tgt Ion:276 Resp: 8567191

Ion Ratio Lower Upper

276 100

138 16.2 13.0 19.6

277 20.5 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 49.598 ng

RT: 23.495 min Scan# 3495

Delta R.T. -0.017 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

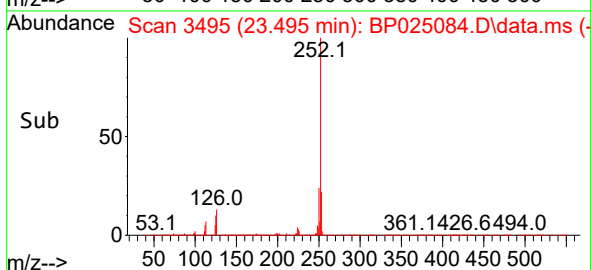
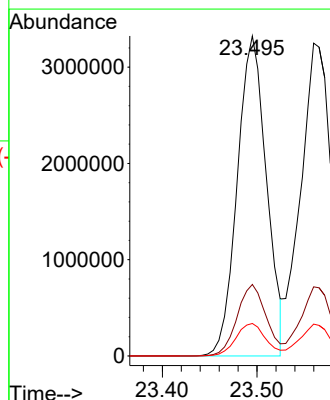
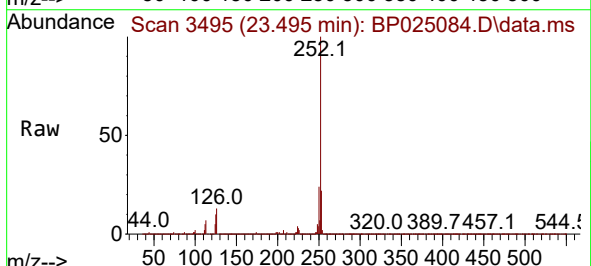
Tgt Ion:252 Resp: 7113206

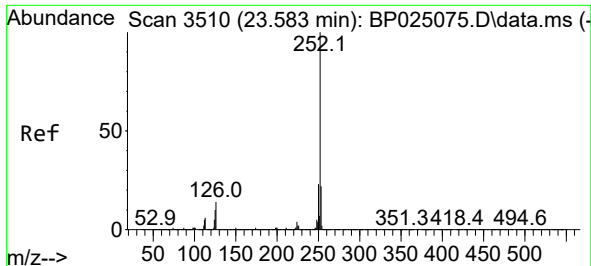
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 8.1 12.1

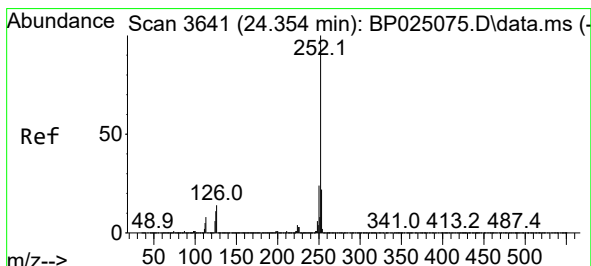
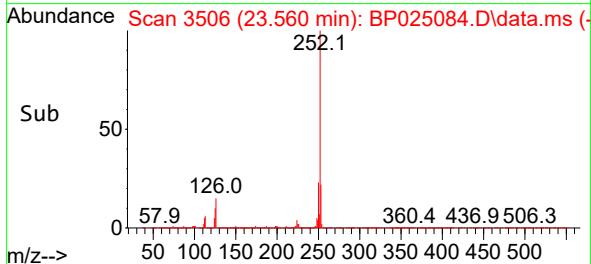
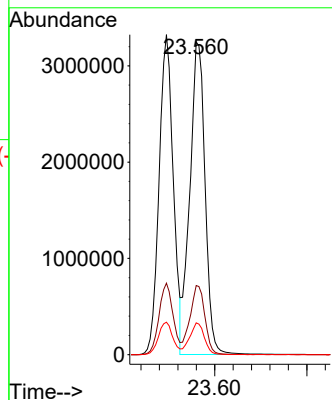
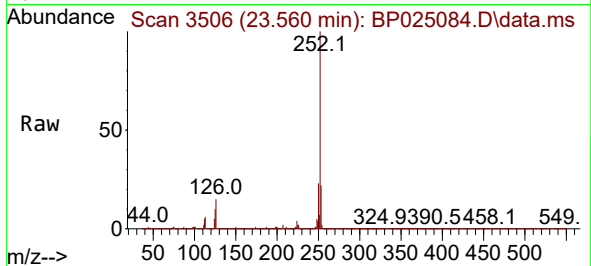




#89
Benzo(k)fluoranthene
Concen: 52.268 ng
RT: 23.560 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

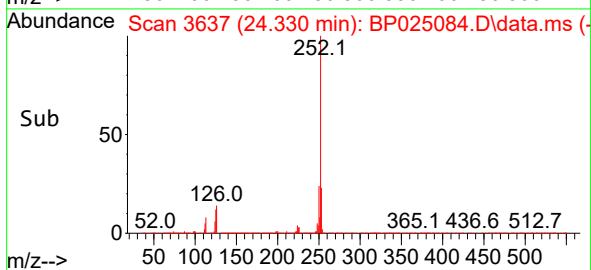
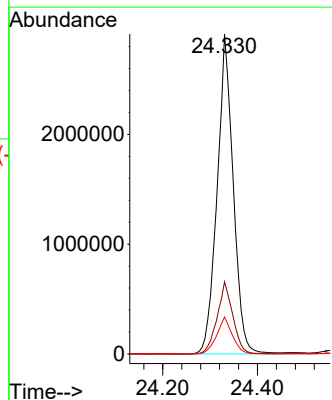
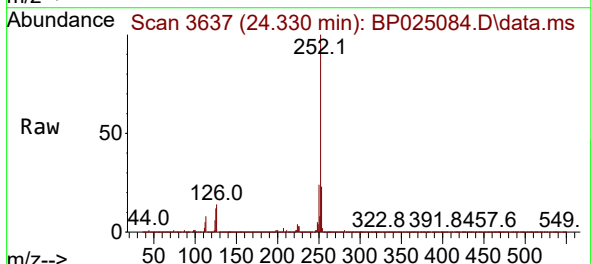
Instrument :
BNA_P
ClientSampleId :
PB168767BS

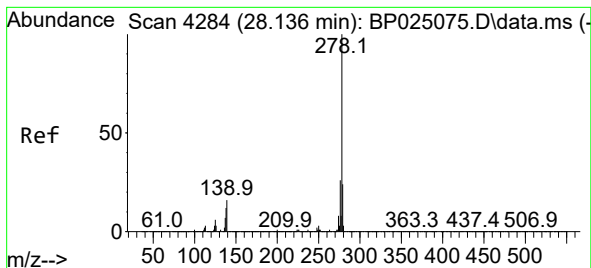
Tgt Ion:252 Resp: 7458645
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 8.2 12.2



#90
Benzo(a)pyrene
Concen: 56.410 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:252 Resp: 6885544
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 54.207 ng

RT: 28.107 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA_P

ClientSampleId :

PB168767BS

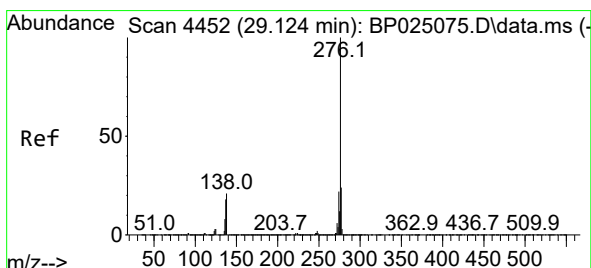
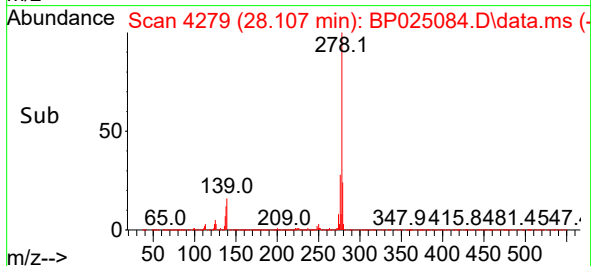
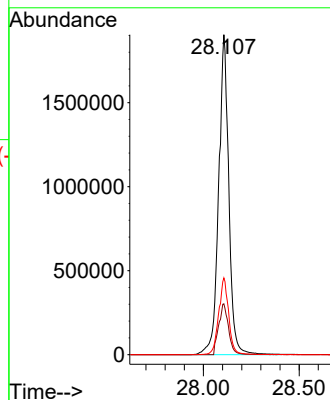
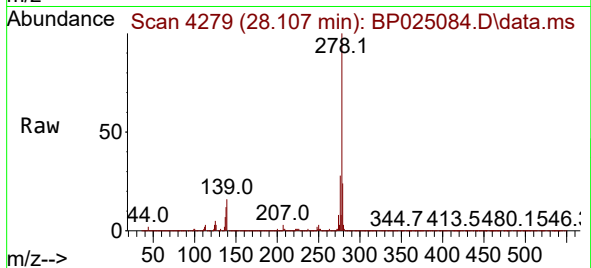
Tgt Ion:278 Resp: 7033453

Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 51.301 ng

RT: 29.118 min Scan# 4451

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:276 Resp: 6876188

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 21.3 16.9 25.3

