

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025263.D
 Acq On : 29 Jul 2025 15:57
 Operator : CG/JU
 Sample : PB169045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169045BS

Quant Time: Jul 29 16:25:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	395184	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1597487	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	1063390	20.000	ng	0.00
64) Phenanthrene-d10	16.878	188	2167842	20.000	ng	0.00
76) Chrysene-d12	21.301	240	2293729	20.000	ng	0.00
86) Perylene-d12	24.418	264	2662274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2955585	126.368	ng	0.00
7) Phenol-d6	6.649	99	3710808	128.101	ng	0.00
23) Nitrobenzene-d5	8.537	82	2195474	76.376	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1880267	119.940	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	5792118	76.790	ng	0.00
79) Terphenyl-d14	19.630	244	9813270	84.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.102	88	302701	34.532	ng	97
3) Pyridine	3.496	79	825944	35.199	ng	97
4) n-Nitrosodimethylamine	3.390	42	405085	43.532	ng	# 90
6) Aniline	6.772	93	676805	17.874	ng	99
8) 2-Chlorophenol	6.996	128	1229504	46.331	ng	98
9) Benzaldehyde	6.572	77	556900	28.355	ng	99
10) Phenol	6.672	94	1406906	46.832	ng	97
11) bis(2-Chloroethyl)ether	6.855	93	1284489	55.771	ng	95
12) 1,3-Dichlorobenzene	7.290	146	1273297	42.667	ng	99
13) 1,4-Dichlorobenzene	7.437	146	1287789	42.751	ng	100
14) 1,2-Dichlorobenzene	7.743	146	1234555	42.603	ng	99
15) Benzyl Alcohol	7.666	79	819370	39.213	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1337065	45.371	ng	98
17) 2-Methylphenol	7.878	107	976380	46.880	ng	98
18) Hexachloroethane	8.449	117	438956	42.373	ng	99
19) n-Nitroso-di-n-propyla...	8.213	70	764789	43.886	ng	97
20) 3+4-Methylphenols	8.208	107	1312023	46.182	ng	# 62
22) Acetophenone	8.219	105	1633333	43.939	ng	# 94
24) Nitrobenzene	8.578	77	1159599	45.253	ng	95
25) Isophorone	9.119	82	2151369	42.559	ng	99
26) 2-Nitrophenol	9.278	139	630121	42.822	ng	98
27) 2,4-Dimethylphenol	9.378	122	1138276	46.229	ng	98
28) bis(2-Chloroethoxy)met...	9.578	93	1427060	45.133	ng	99
29) 2,4-Dichlorophenol	9.849	162	1185398	46.861	ng	99
30) 1,2,4-Trichlorobenzene	10.007	180	1199047	43.398	ng	99
31) Naphthalene	10.190	128	3577245	43.761	ng	100
32) Benzoic acid	9.584	122	609061	32.401	ng	97
33) 4-Chloroaniline	10.354	127	910884	25.349	ng	98
34) Hexachlorobutadiene	10.484	225	697594	41.949	ng	99
35) Caprolactam	11.219	113	367841	43.814	ng	95
36) 4-Chloro-3-methylphenol	11.501	107	1177950	46.583	ng	99
37) 2-Methylnaphthalene	11.819	142	2370160	44.652	ng	100
38) 1-Methylnaphthalene	12.037	142	2487135	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.201	216	1369601	42.968	ng	99
41) Hexachlorocyclopentadiene	12.184	237	1796272	94.403	ng	100
43) 2,4,6-Trichlorophenol	12.466	196	975232	44.778	ng	99

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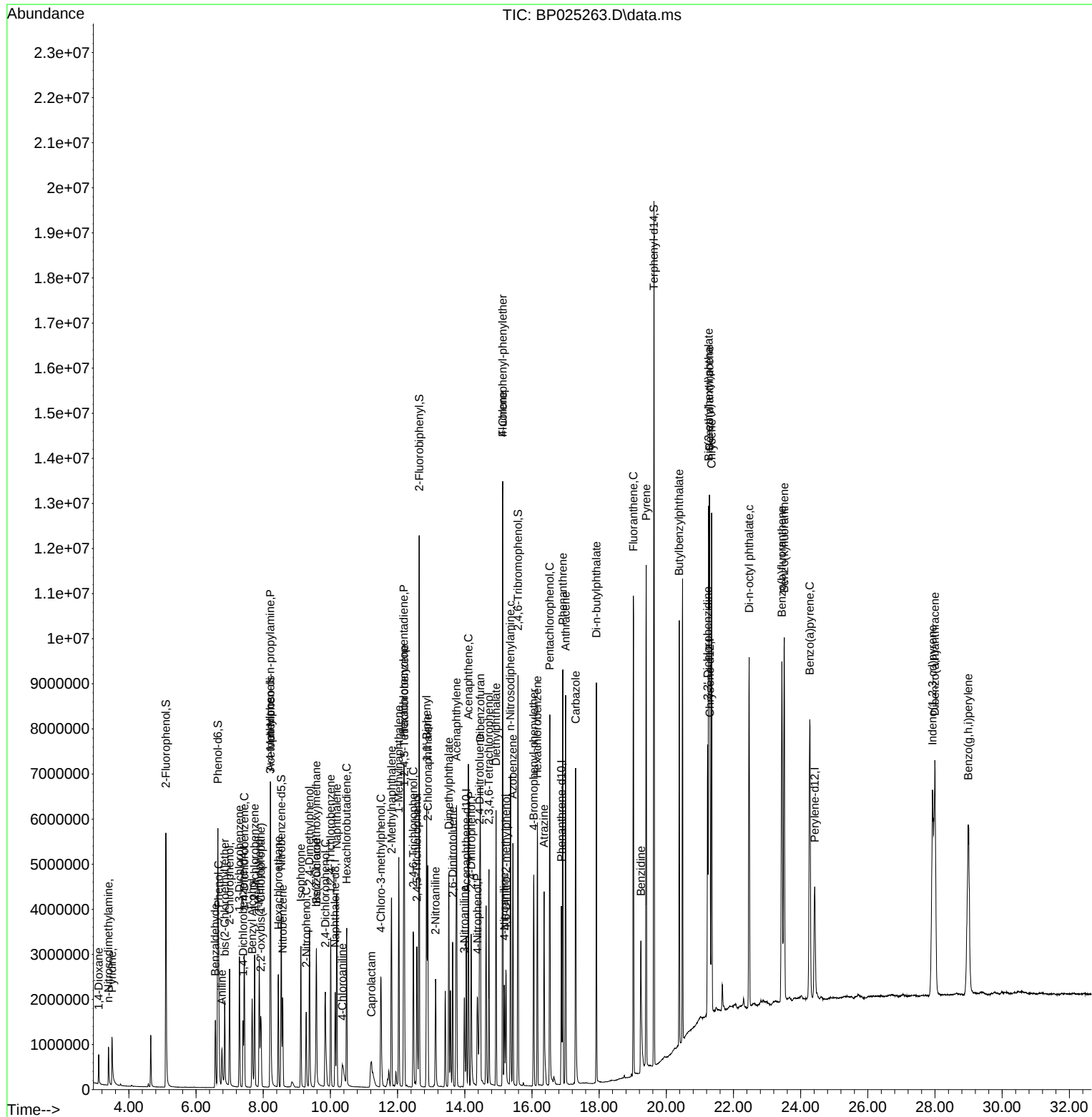
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1067909	44.557	ng	98
46) 1,1'-Biphenyl	12.866	154	3478907	45.129	ng	99
47) 2-Chloronaphthalene	12.901	162	2673539	44.423	ng	100
48) 2-Nitroaniline	13.131	65	718641	46.758	ng	97
49) Acenaphthylene	13.754	152	4461361	45.831	ng	100
50) Dimethylphthalate	13.525	163	3485584	45.833	ng	99
51) 2,6-Dinitrotoluene	13.637	165	773989	46.839	ng	93
52) Acenaphthene	14.107	154	2503893	44.482	ng	99
53) 3-Nitroaniline	13.990	138	692503	37.162	ng	98
54) 2,4-Dinitrophenol	14.190	184	963644	98.424	ng	98
55) Dibenzofuran	14.460	168	4088599	44.967	ng	97
56) 4-Nitrophenol	14.378	139	934838	58.626	ng	95
57) 2,4-Dinitrotoluene	14.442	165	1112768	48.107	ng	93
58) Fluorene	15.131	166	3353179	46.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	963998	45.449	ng	99
60) Diethylphthalate	14.931	149	3517931	46.933	ng	99
61) 4-Chlorophenyl-phenyle...	15.131	204	1678699	46.023	ng	100
62) 4-Nitroaniline	15.178	138	728115	38.420	ng	93
63) Azobenzene	15.431	77	2936436	48.074	ng	96
65) 4,6-Dinitro-2-methylph...	15.231	198	661853	47.308	ng	98
66) n-Nitrosodiphenylamine	15.360	169	3037516	46.163	ng	100
67) 4-Bromophenyl-phenylether	16.054	248	1103254	43.607	ng	100
68) Hexachlorobenzene	16.160	284	1337847	44.528	ng	96
69) Atrazine	16.360	200	1013652	41.631	ng	99
70) Pentachlorophenol	16.531	266	1668273	81.653	ng	99
71) Phenanthrene	16.919	178	5397957	46.167	ng	100
72) Anthracene	17.001	178	5551682	47.133	ng	100
73) Carbazole	17.301	167	5224148	46.461	ng	100
74) Di-n-butylphthalate	17.919	149	6202495	47.808	ng	99
75) Fluoranthene	19.019	202	6462389	46.963	ng	99
77) Benzidine	19.242	184	2891155	35.902	ng	99
78) Pyrene	19.401	202	6648277	47.008	ng	99
80) Butylbenzylphthalate	20.383	149	2947236	46.036	ng	96
81) Benzo(a)anthracene	21.283	228	6742573	46.549	ng	100
82) 3,3'-Dichlorobenzidine	21.230	252	2064178	34.378	ng	99
83) Chrysene	21.348	228	6323741	46.767	ng	99
84) Bis(2-ethylhexyl)phtha...	21.260	149	4213555	46.029	ng	100
85) Di-n-octyl phthalate	22.466	149	7162351	45.310	ng	100
87) Indeno(1,2,3-cd)pyrene	27.924	276	8735277	44.899	ng	99
88) Benzo(b)fluoranthene	23.442	252	7222114	47.392	ng	99
89) Benzo(k)fluoranthene	23.513	252	6975768	46.368	ng	99
90) Benzo(a)pyrene	24.271	252	6892794	46.358	ng	100
91) Dibenzo(a,h)anthracene	27.995	278	7198071	45.349	ng	99
92) Benzo(g,h,i)perylene	28.989	276	4210175	26.991	ng	98

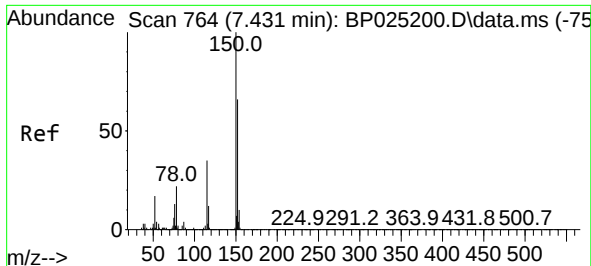
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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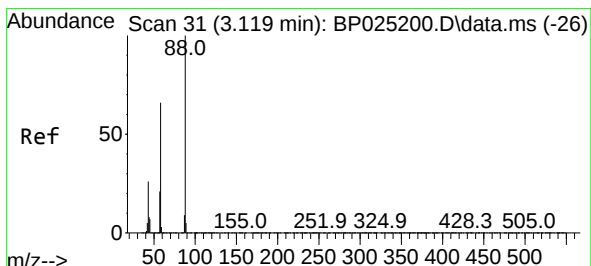
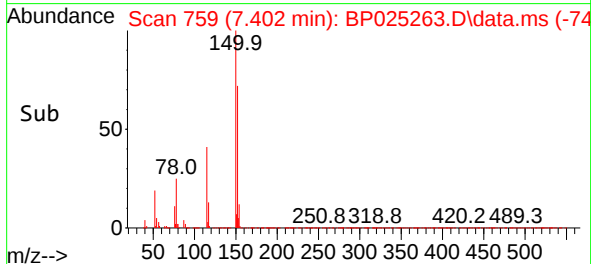
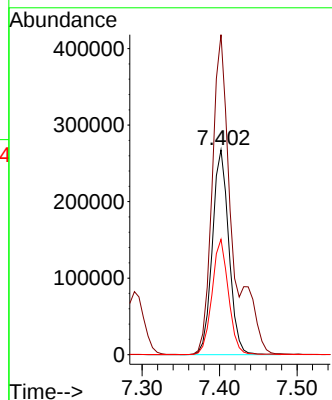
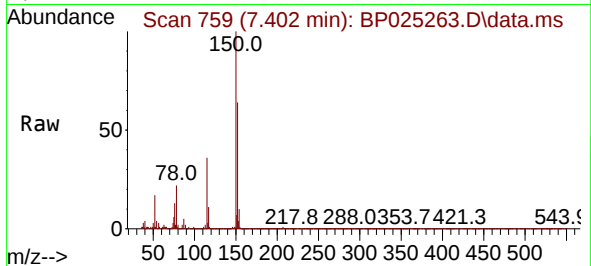




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.402 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP025263.D
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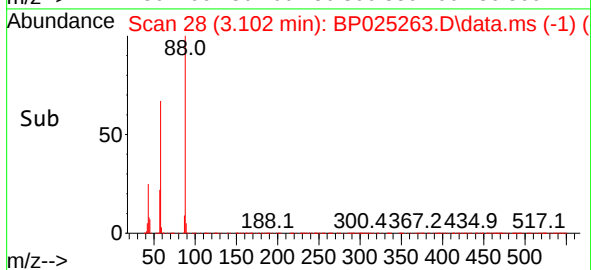
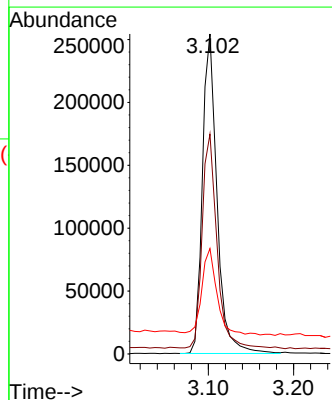
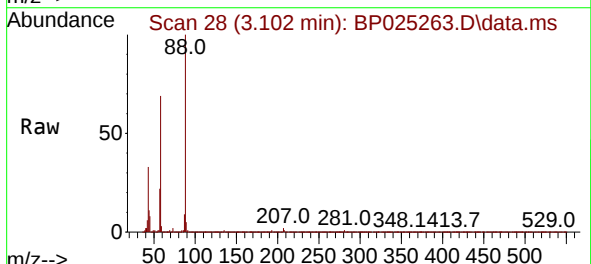
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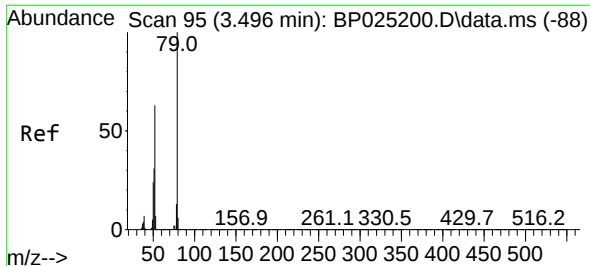
Tgt Ion:152 Resp: 395184
Ion Ratio Lower Upper
152 100
150 156.2 121.9 182.9
115 56.3 43.0 64.6



#2
1,4-Dioxane
Concen: 34.532 ng
RT: 3.102 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 88 Resp: 302701
Ion Ratio Lower Upper
88 100
58 68.6 53.5 80.3
43 29.0 20.8 31.2

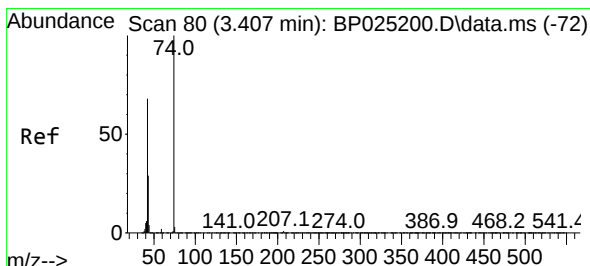
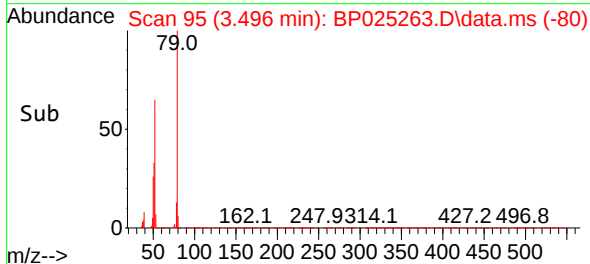
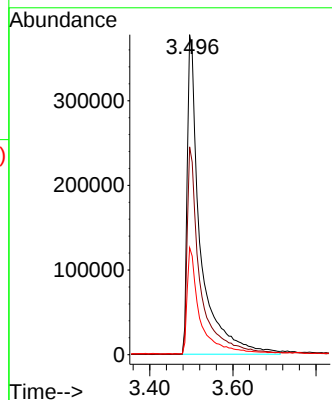
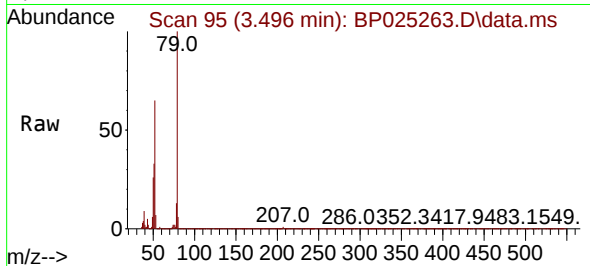




#3
 Pyridine
 Concen: 35.199 ng
 RT: 3.496 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

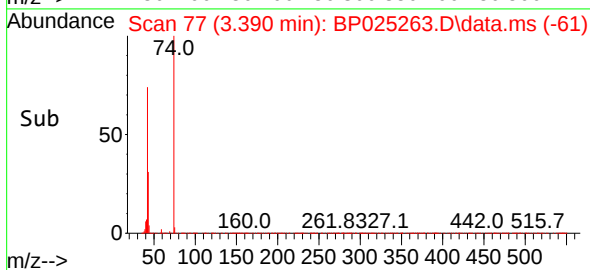
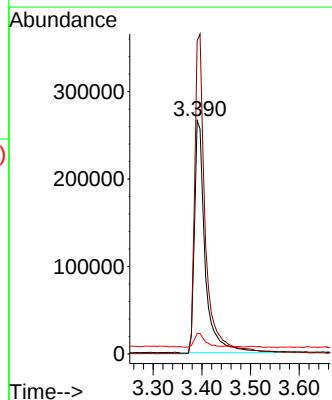
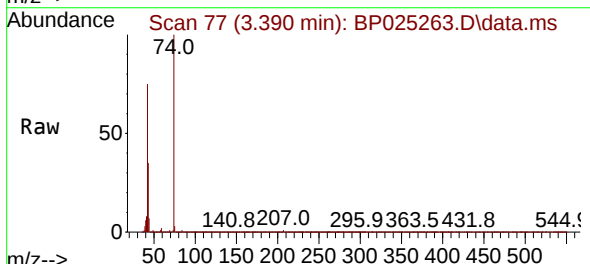
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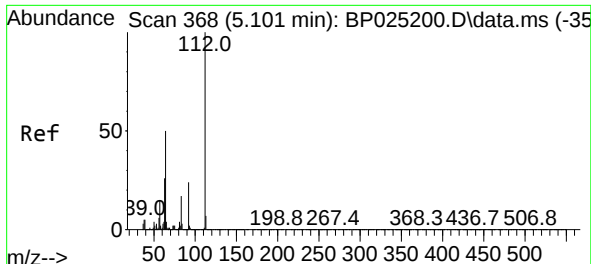
Tgt Ion: 79 Resp: 825944
 Ion Ratio Lower Upper
 79 100
 52 65.0 50.2 75.4
 51 33.4 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 43.532 ng
 RT: 3.390 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

Tgt Ion: 42 Resp: 405085
 Ion Ratio Lower Upper
 42 100
 74 134.1 118.0 177.0
 44 8.8 5.5 8.3

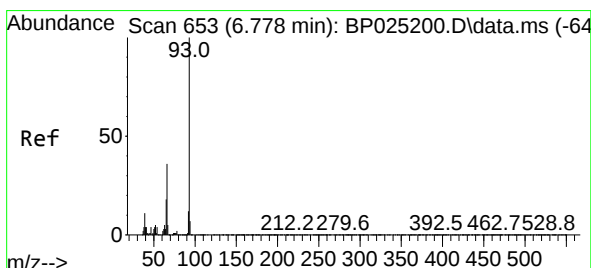
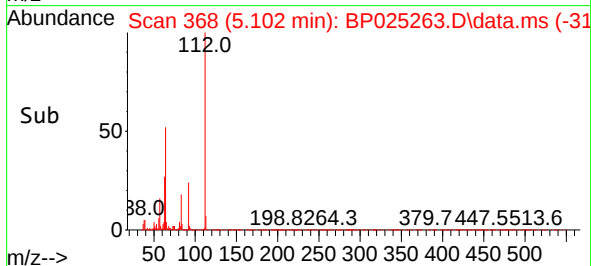
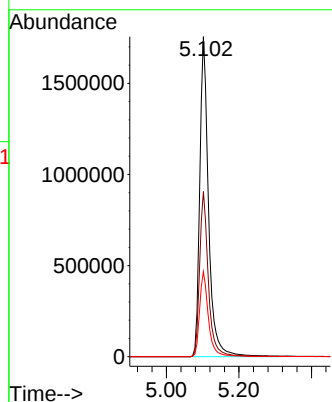
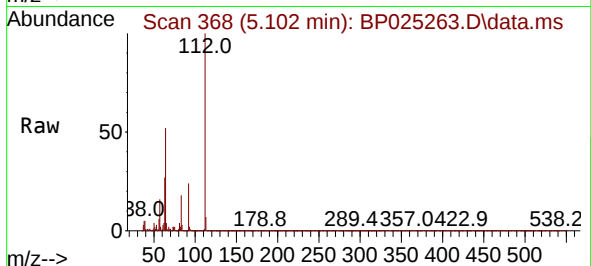




#5
2-Fluorophenol
Concen: 126.368 ng
RT: 5.102 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

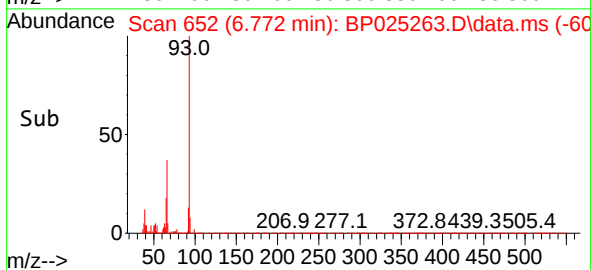
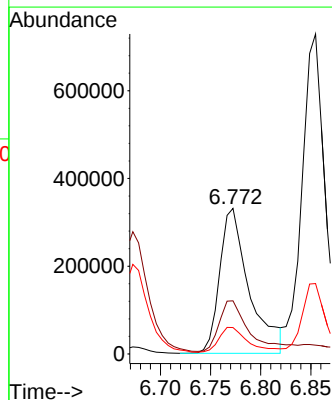
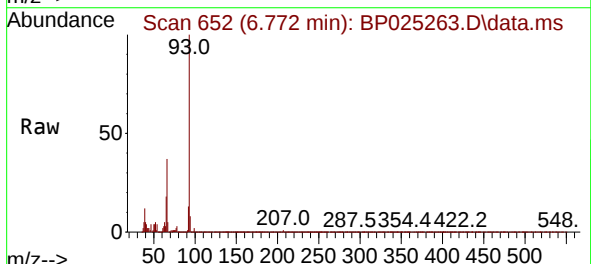
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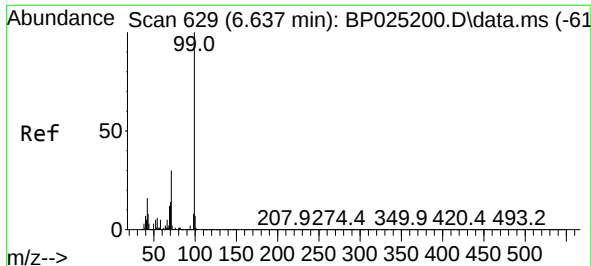
Tgt Ion:112 Resp: 2955585
Ion Ratio Lower Upper
112 100
64 51.6 39.8 59.6
63 26.5 20.5 30.7



#6
Aniline
Concen: 17.874 ng
RT: 6.772 min Scan# 652
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 93 Resp: 676805
Ion Ratio Lower Upper
93 100
66 36.5 28.6 43.0
65 18.1 14.6 21.8

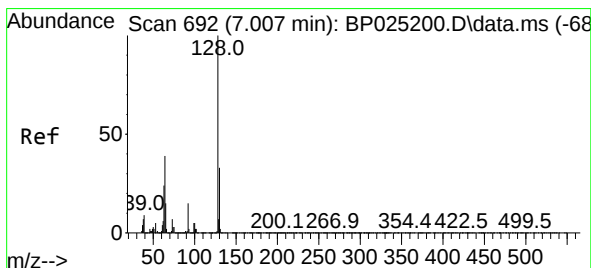
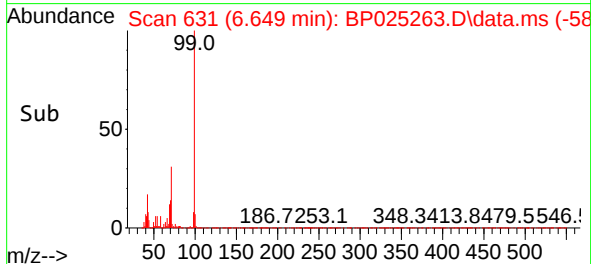
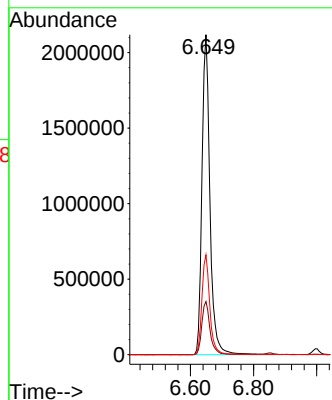
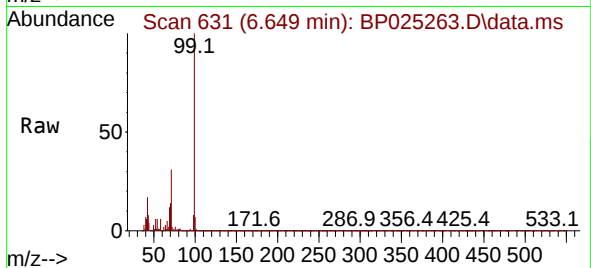




#7
Phenol-d6
Concen: 128.101 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

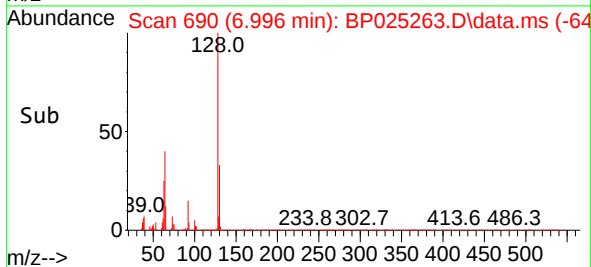
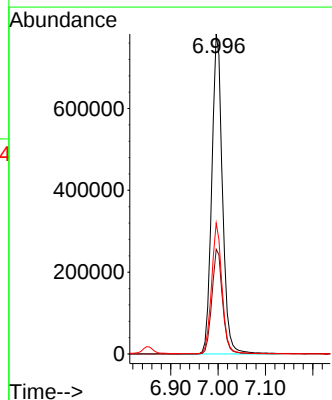
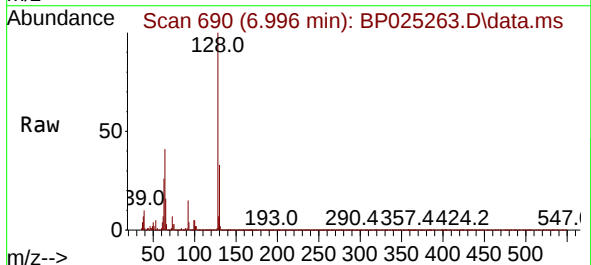
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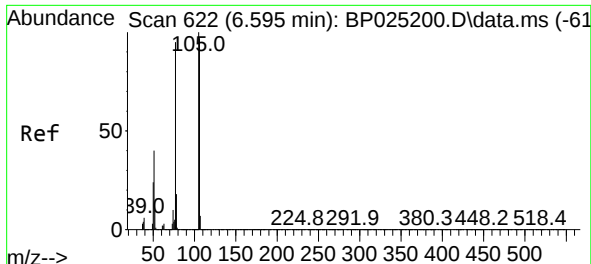
Tgt Ion: 99 Resp: 3710808
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 31.2 24.2 36.2



#8
2-Chlorophenol
Concen: 46.331 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:128 Resp: 1229504
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 40.9 19.2 59.2

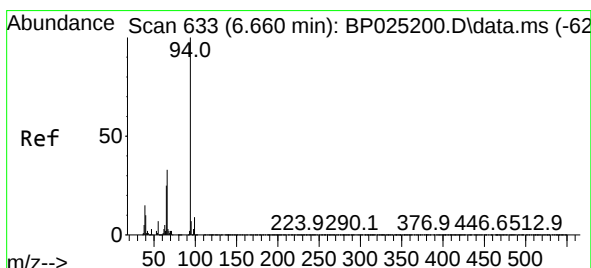
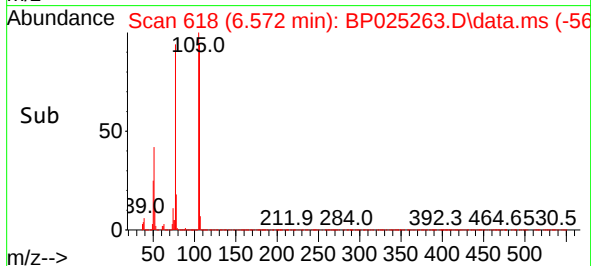
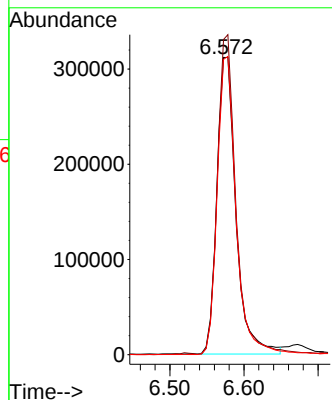
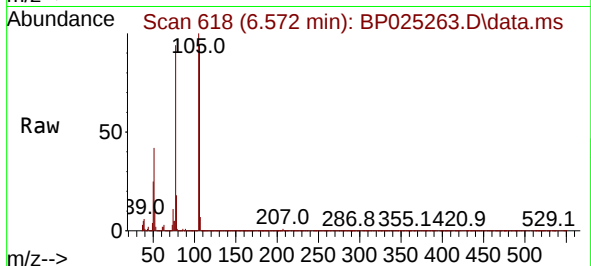




#9
Benzaldehyde
Concen: 28.355 ng
RT: 6.572 min Scan# 61
Delta R.T. -0.006 min
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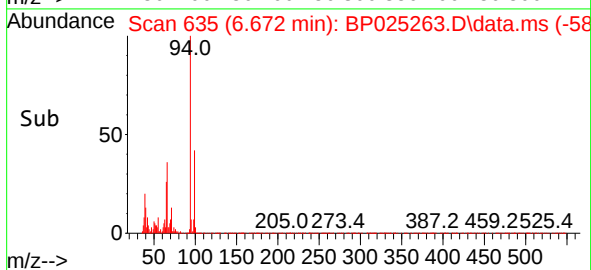
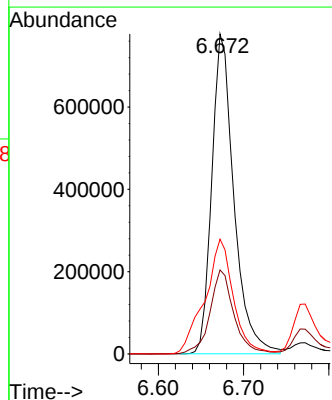
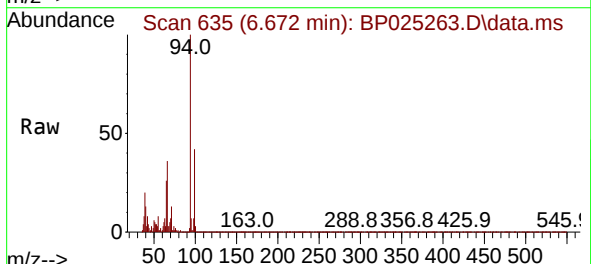
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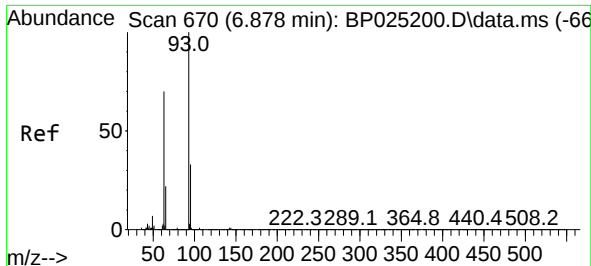
Tgt Ion: 77 Resp: 556900
Ion Ratio Lower Upper
77 100
105 106.0 85.5 125.5
106 99.4 81.9 121.9



#10
Phenol
Concen: 46.832 ng
RT: 6.672 min Scan# 635
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 94 Resp: 1406906
Ion Ratio Lower Upper
94 100
65 26.3 5.4 45.4
66 35.8 13.5 53.5

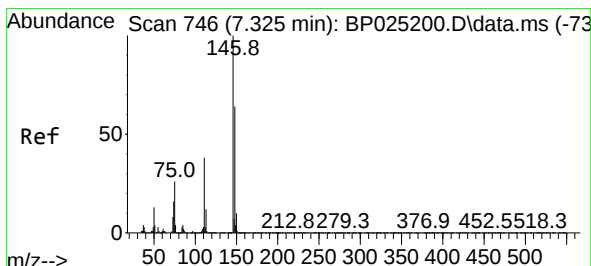
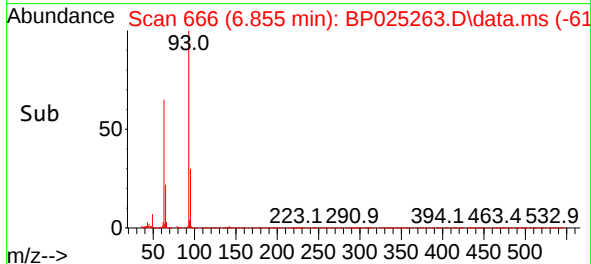
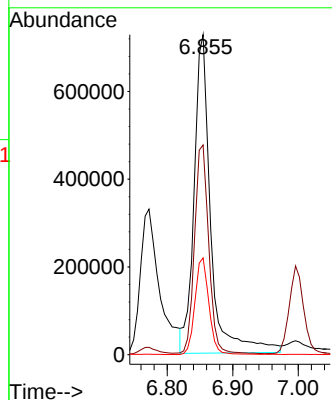
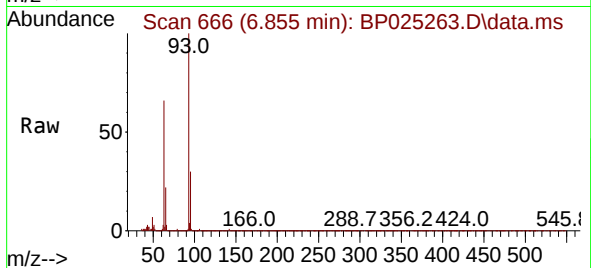




#11
bis(2-Chloroethyl)ether
Concen: 55.771 ng
RT: 6.855 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

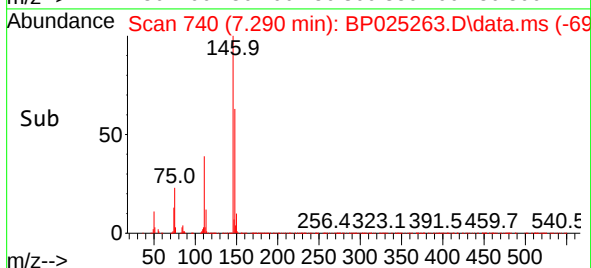
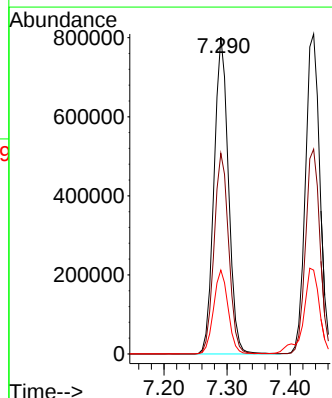
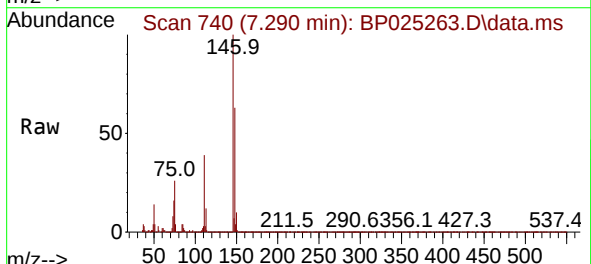
Instrument :
BNA_P
ClientSampleId :
PB169045BS

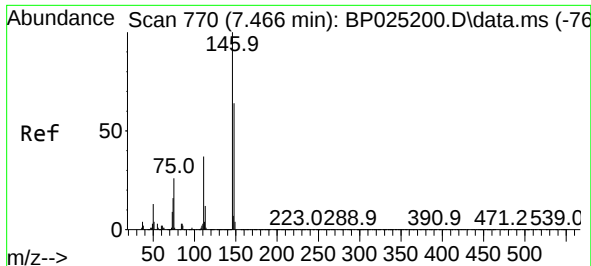
Tgt Ion: 93 Resp: 1284489
Ion Ratio Lower Upper
93 100
63 65.5 50.0 90.0
95 30.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.667 ng
RT: 7.290 min Scan# 740
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:146 Resp: 1273297
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 26.5 20.6 31.0

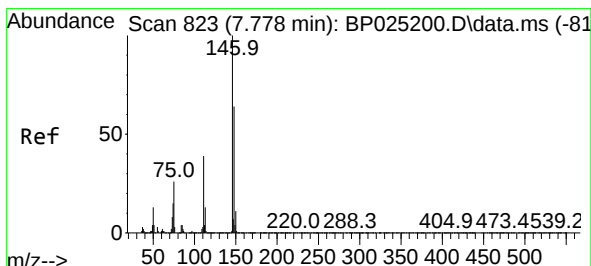
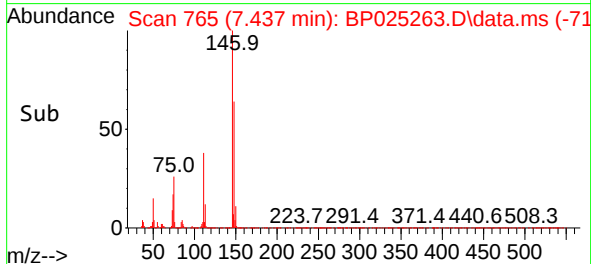
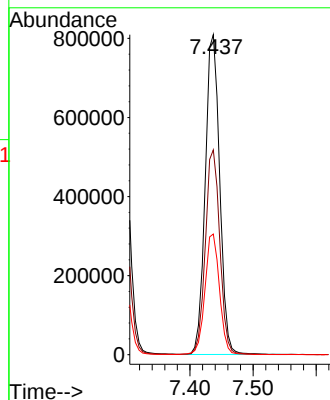
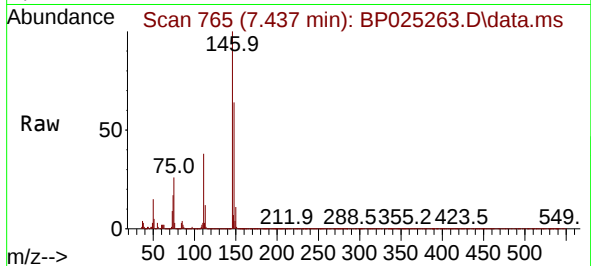




#13
1,4-Dichlorobenzene
Concen: 42.751 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

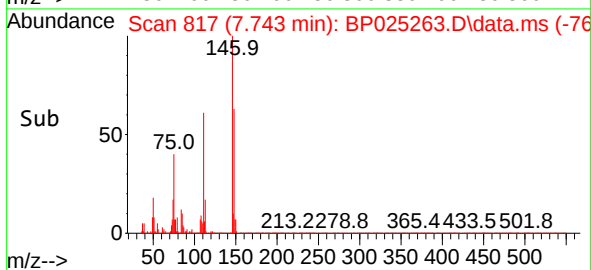
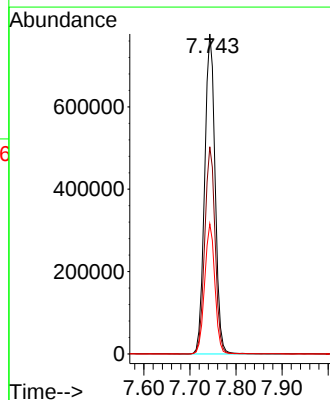
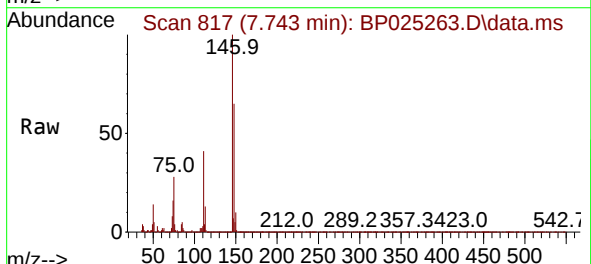
Instrument :
BNA_P
ClientSampleId :
PB169045BS

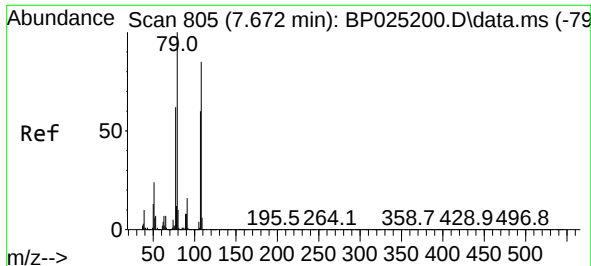
Tgt Ion:146 Resp: 1287789
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 37.7 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 42.603 ng
RT: 7.743 min Scan# 817
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:146 Resp: 1234555
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.7 31.3 46.9

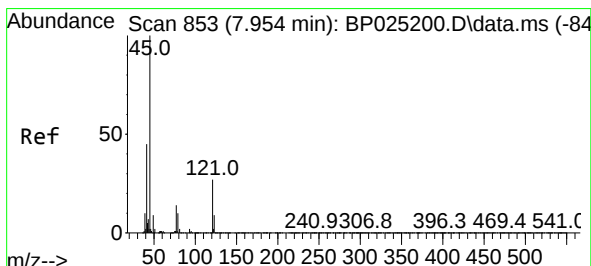
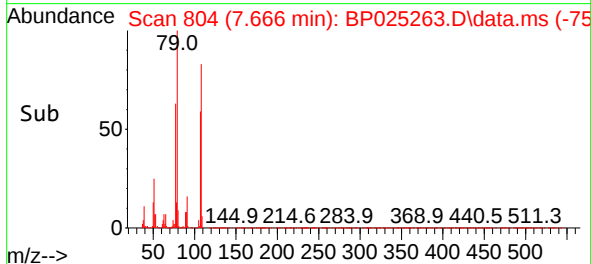
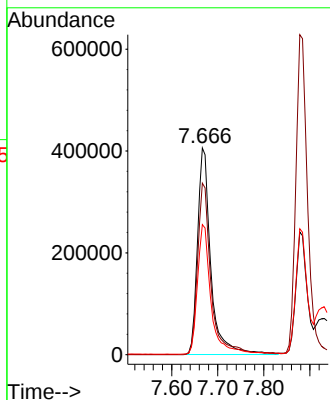
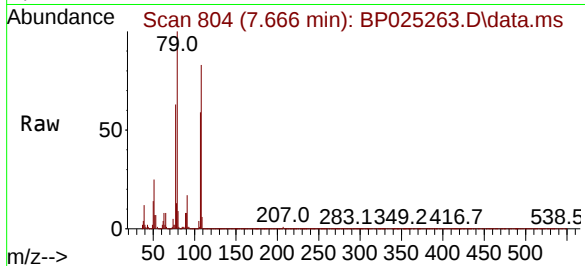




#15
Benzyl Alcohol
Concen: 39.213 ng
RT: 7.666 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

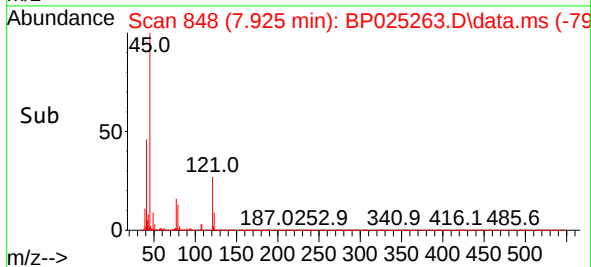
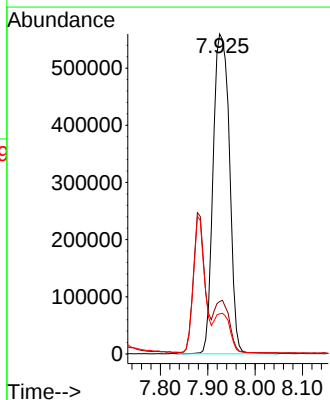
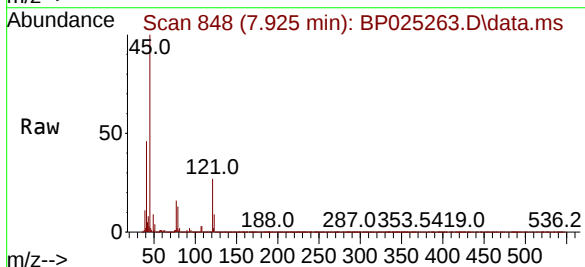
Instrument :
BNA_P
ClientSampleId :
PB169045BS

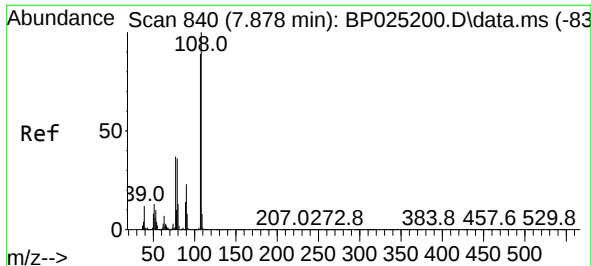
Tgt Ion: 79 Resp: 819370
Ion Ratio Lower Upper
79 100
108 82.9 67.8 101.6
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.371 ng
RT: 7.925 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 45 Resp: 1337065
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.0
79 12.6 0.0 31.7

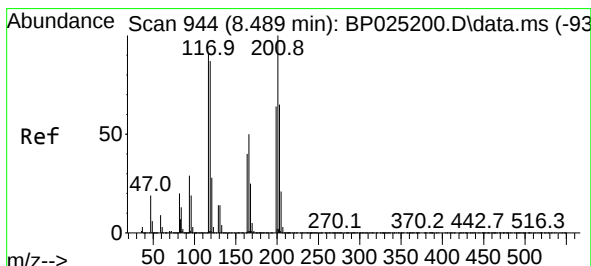
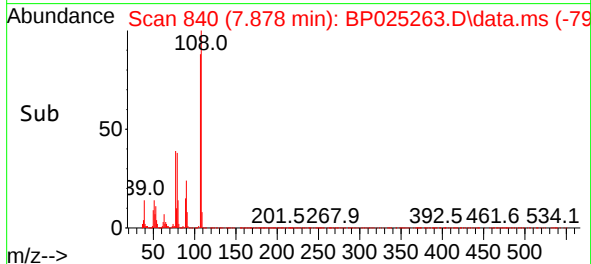
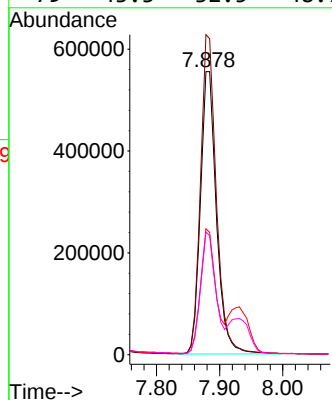
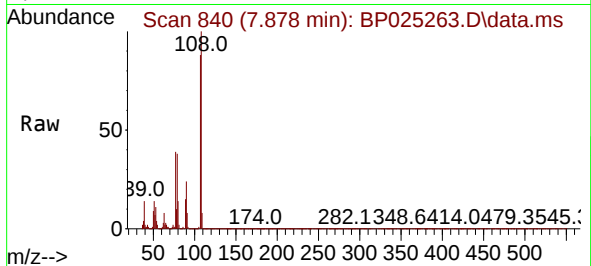




#17
2-Methylphenol
Concen: 46.880 ng
RT: 7.878 min Scan# 840
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

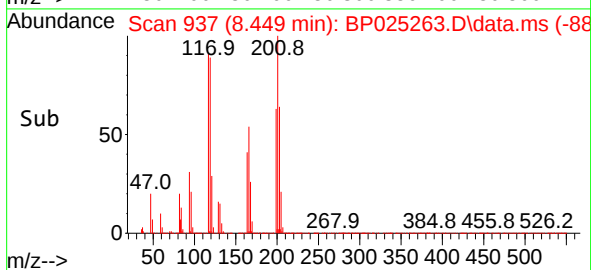
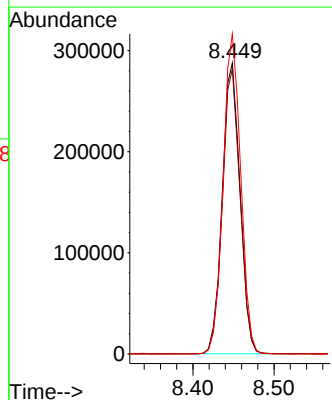
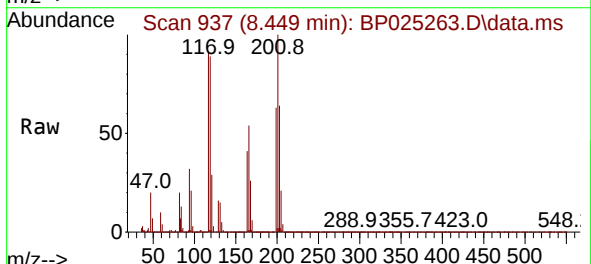
Instrument :
BNA_P
ClientSampleId :
PB169045BS

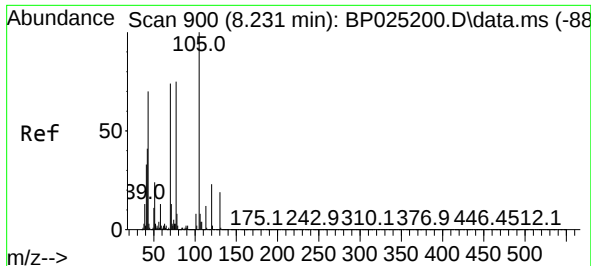
Tgt Ion:	107	Resp:	976380
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.8
77	44.5	33.2	49.8
79	43.3	32.5	48.7



#18
Hexachloroethane
Concen: 42.373 ng
RT: 8.449 min Scan# 937
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:	117	Resp:	438956
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.0	115.6
201	110.0	88.3	132.5

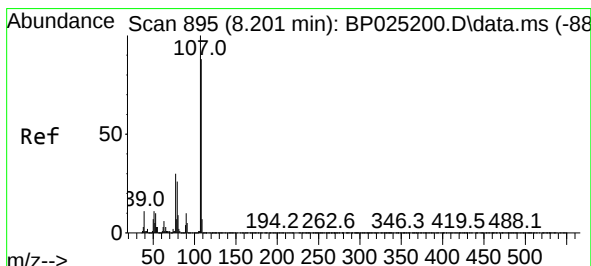
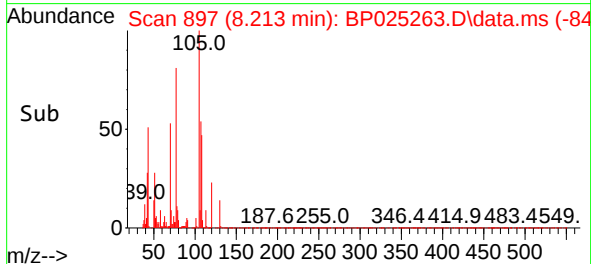
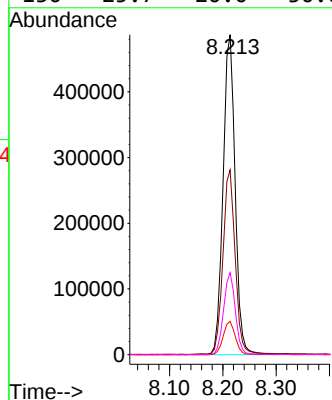
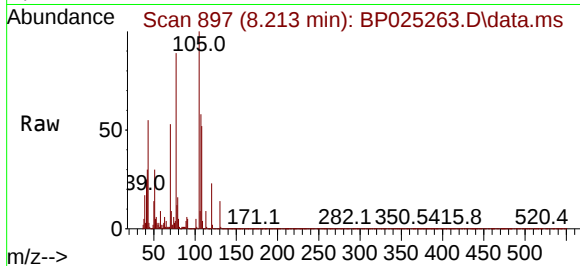




#19
n-Nitroso-di-n-propylamine
Concen: 43.886 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

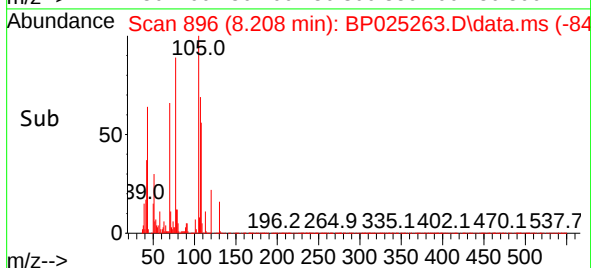
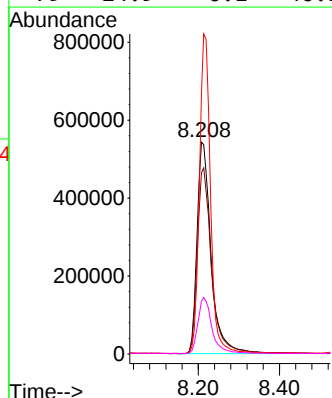
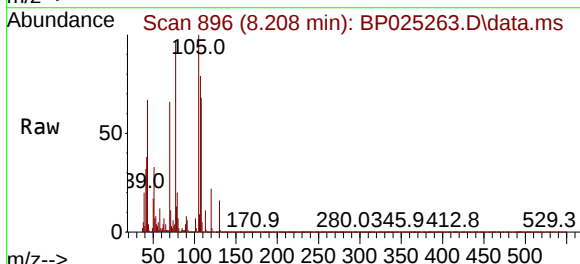
Instrument :
BNA_P
ClientSampleId :
PB169045BS

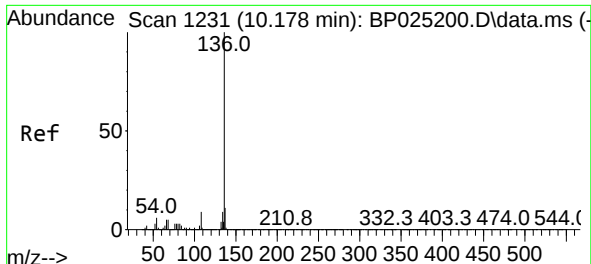
Tgt Ion: 70 Resp: 764789
Ion Ratio Lower Upper
70 100
42 57.7 44.2 66.2
101 10.4 8.6 12.8
130 25.7 20.0 30.0



#20
3+4-Methylphenols
Concen: 46.182 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 107 Resp: 1312023
Ion Ratio Lower Upper
107 100
108 85.5 67.8 107.8
77 123.1 10.3 50.3#
79 24.9 6.1 46.1

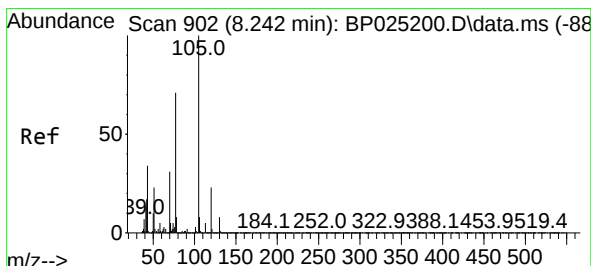
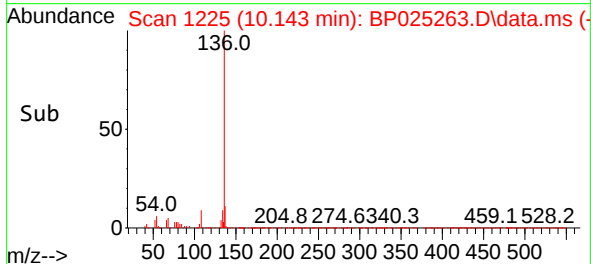
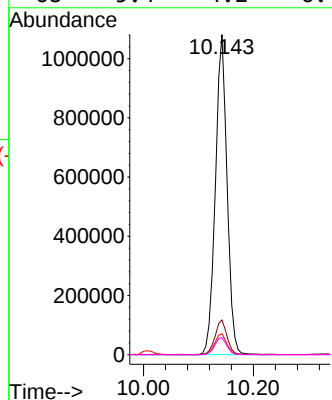
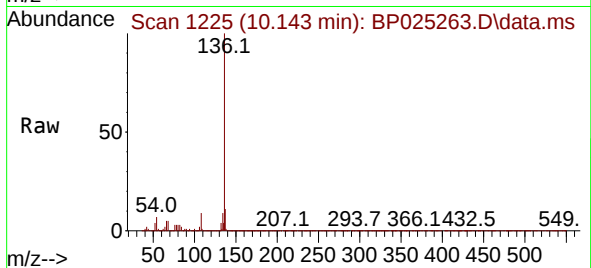




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

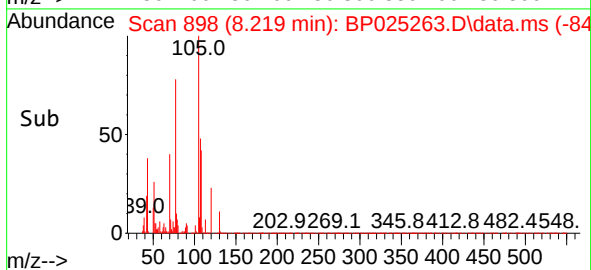
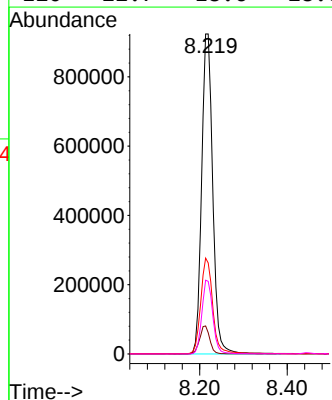
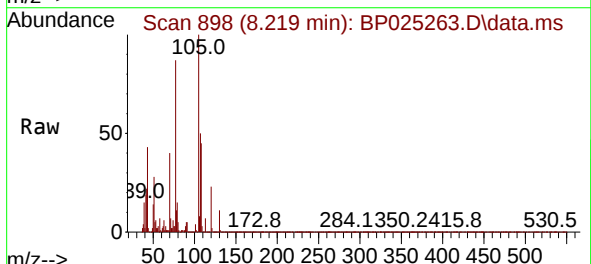
Instrument :
BNA_P
ClientSampleId :
PB169045BS

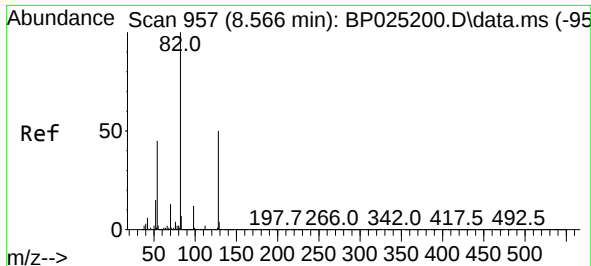
Tgt Ion:136 Resp: 1597487
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.1 7.7
68 5.4 4.2 6.4



#22
Acetophenone
Concen: 43.939 ng
RT: 8.219 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:105 Resp: 1633333
Ion Ratio Lower Upper
105 100
71 6.7 4.1 6.1#
51 28.5 18.5 27.7#
120 22.7 18.6 28.0

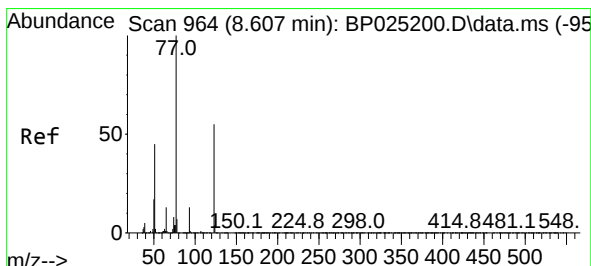
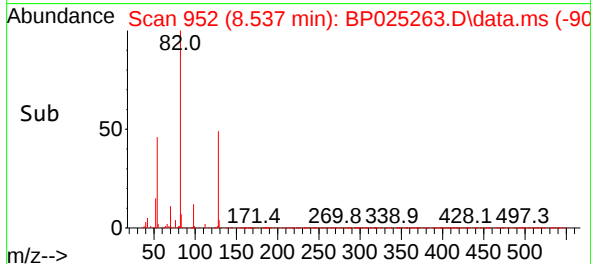
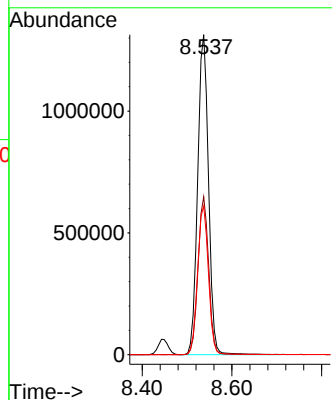
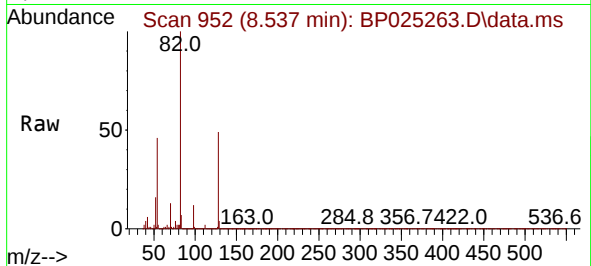




#23
Nitrobenzene-d5
Concen: 76.376 ng
RT: 8.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

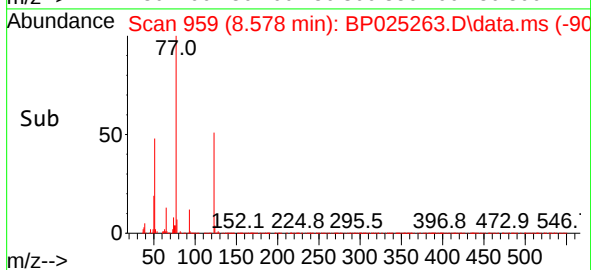
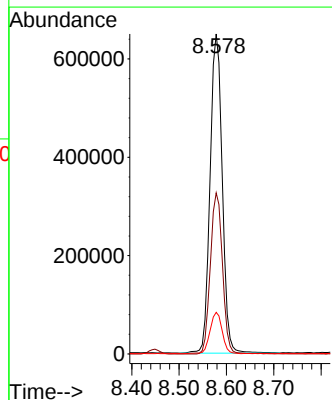
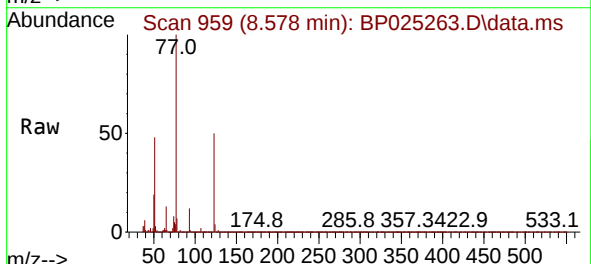
Instrument :
BNA_P
ClientSampleId :
PB169045BS

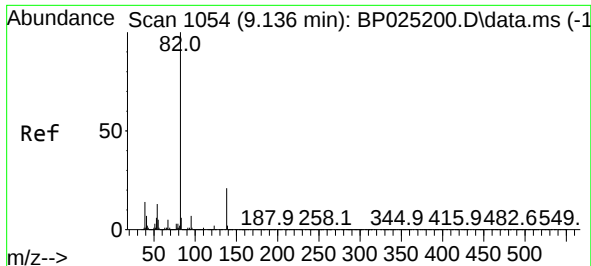
Tgt Ion: 82 Resp: 2195474
Ion Ratio Lower Upper
82 100
128 49.3 40.2 60.4
54 46.5 36.3 54.5



#24
Nitrobenzene
Concen: 45.253 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 77 Resp: 1159599
Ion Ratio Lower Upper
77 100
123 50.3 43.6 65.4
65 13.0 10.2 15.2

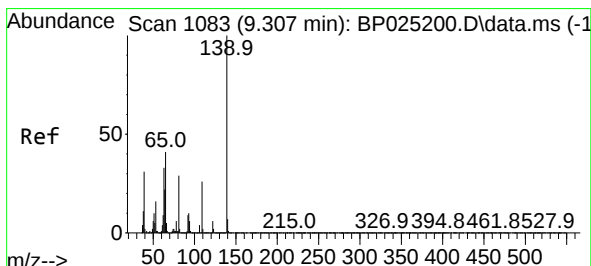
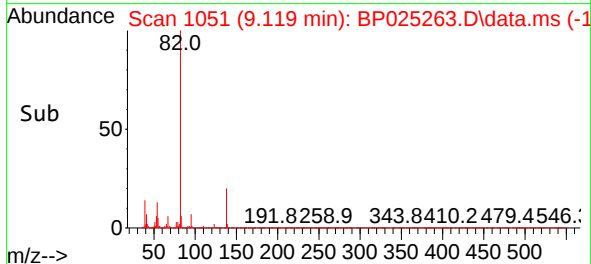
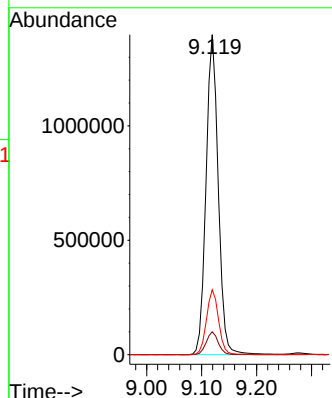
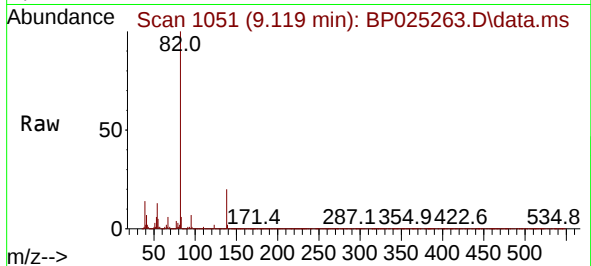




#25
Isophorone
Concen: 42.559 ng
RT: 9.119 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

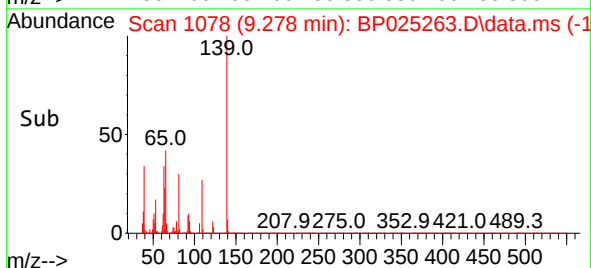
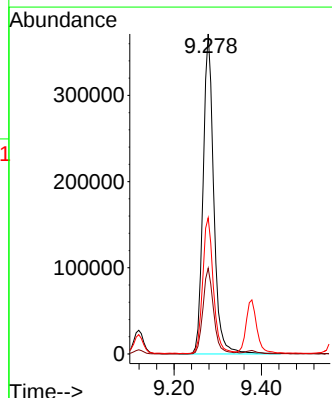
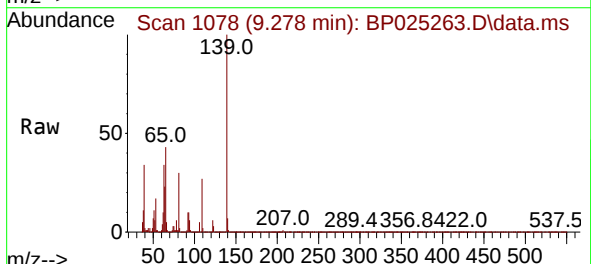
Instrument :
BNA_P
ClientSampleId :
PB169045BS

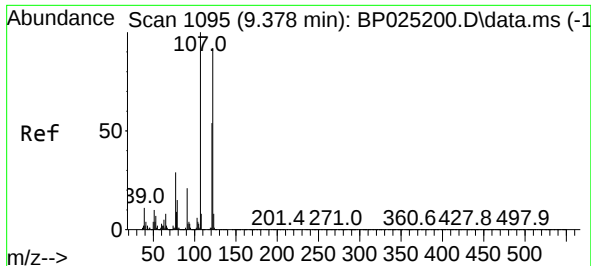
Tgt Ion: 82 Resp: 2151369
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.3 16.6 25.0



#26
2-Nitrophenol
Concen: 42.822 ng
RT: 9.278 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 139 Resp: 630121
Ion Ratio Lower Upper
139 100
109 26.8 21.0 31.6
65 42.6 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 46.229 ng

RT: 9.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

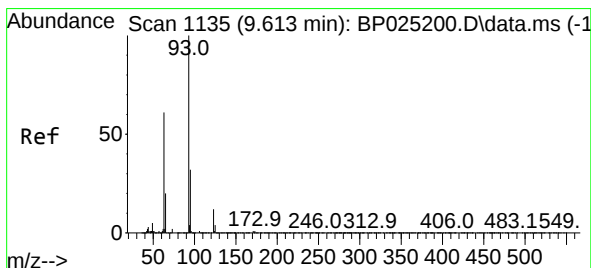
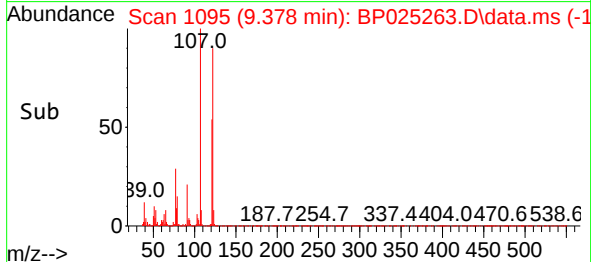
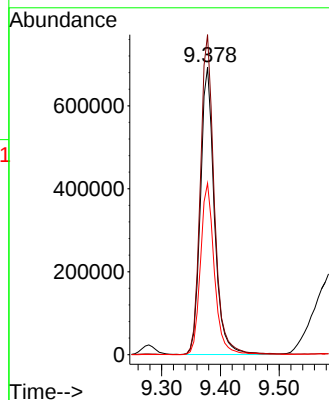
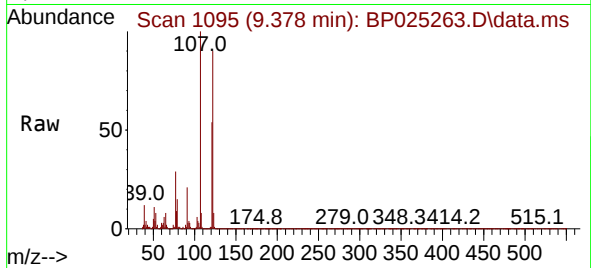
Tgt Ion:122 Resp: 1138276

Ion Ratio Lower Upper

122 100

107 111.3 87.0 130.4

121 59.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.133 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

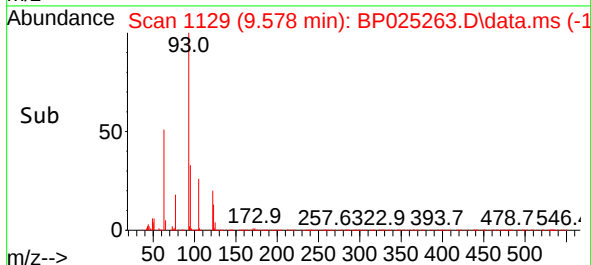
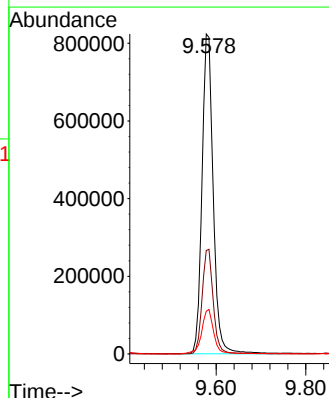
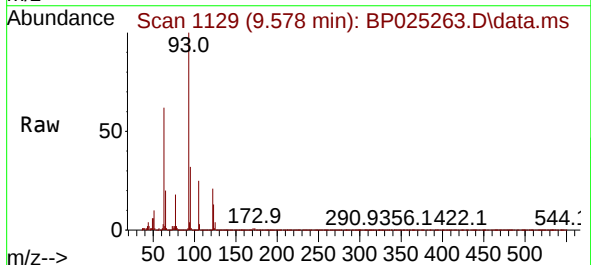
Tgt Ion: 93 Resp: 1427060

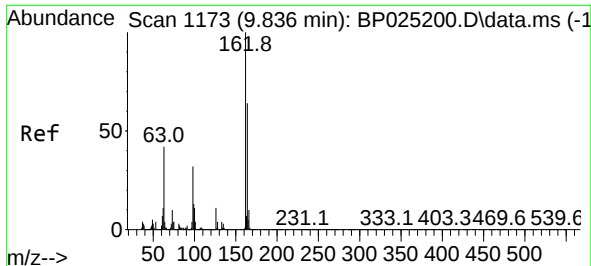
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 13.4 9.8 14.6

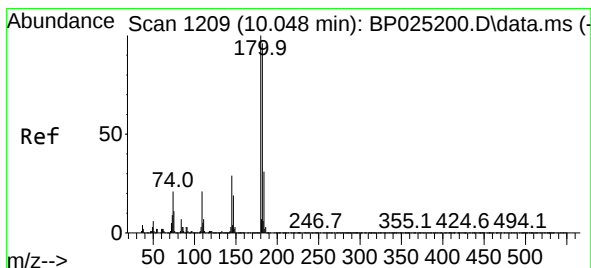
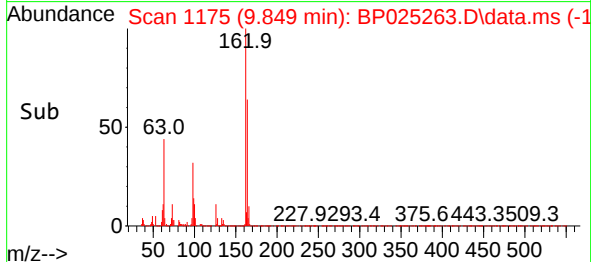
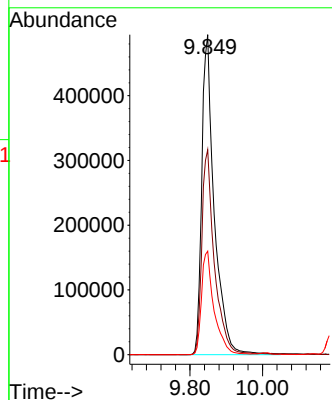
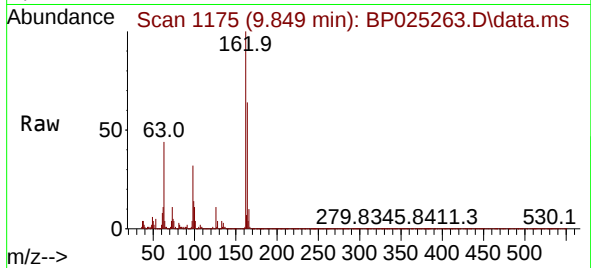




#29
2,4-Dichlorophenol
Concen: 46.861 ng
RT: 9.849 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

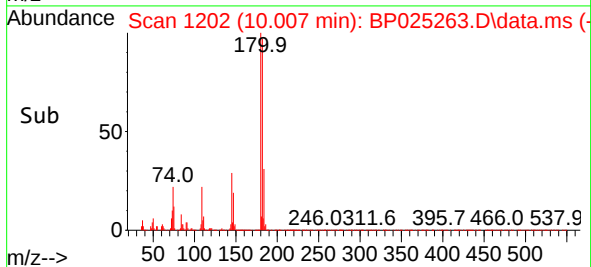
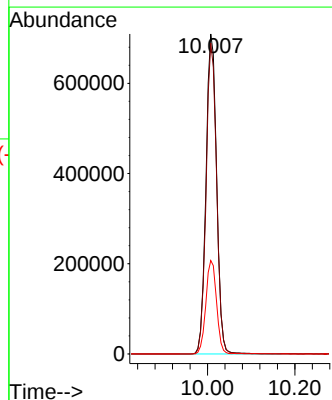
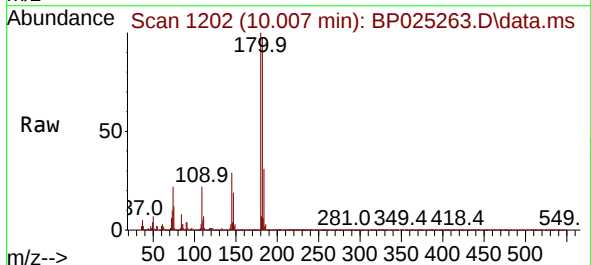
Instrument :
BNA_P
ClientSampleId :
PB169045BS

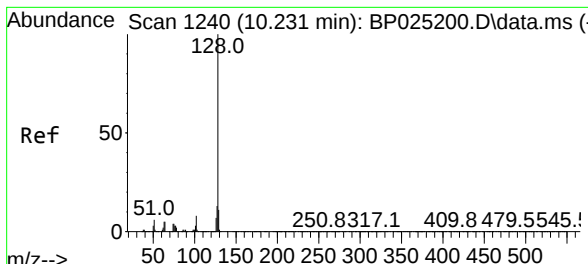
Tgt Ion:162 Resp: 1185398
Ion Ratio Lower Upper
162 100
164 64.0 44.2 84.2
98 32.3 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 43.398 ng
RT: 10.007 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:180 Resp: 1199047
Ion Ratio Lower Upper
180 100
182 97.2 76.7 115.1
145 29.2 23.5 35.3



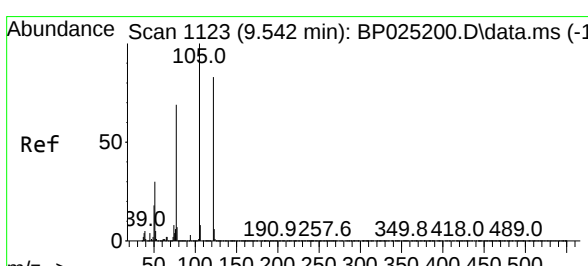
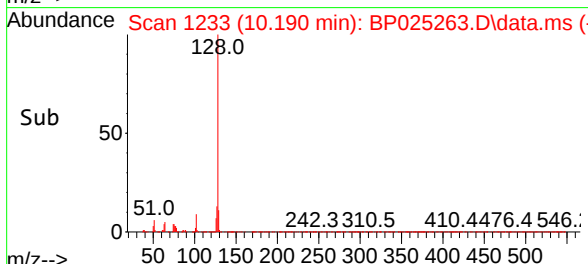
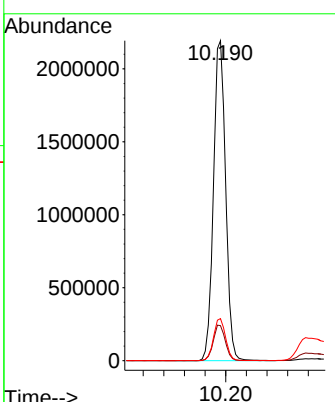
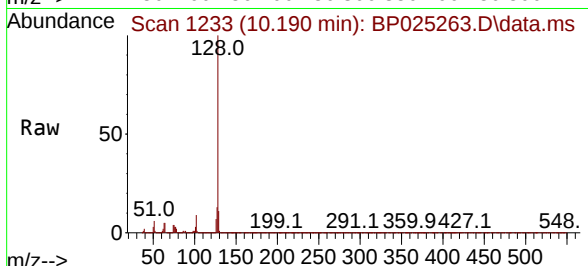


#31
Naphthalene
Concen: 43.761 ng
RT: 10.190 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Tgt Ion:128 Resp: 3577245

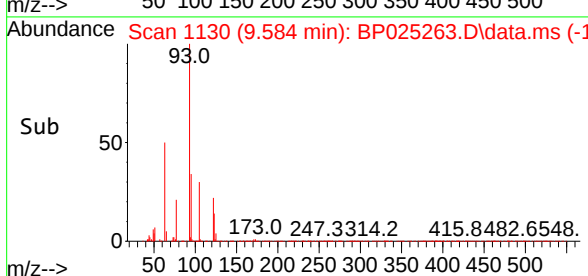
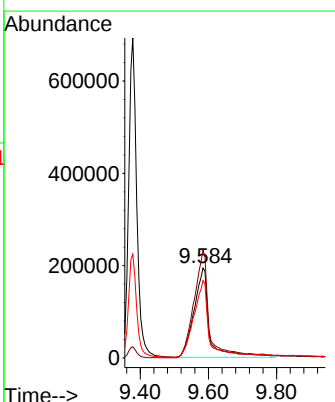
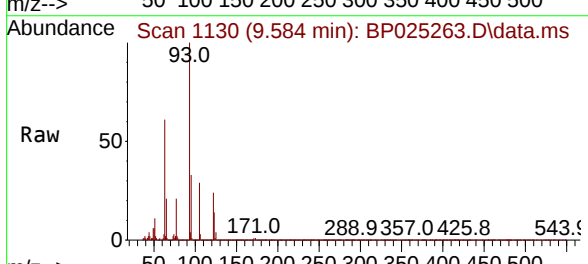
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6

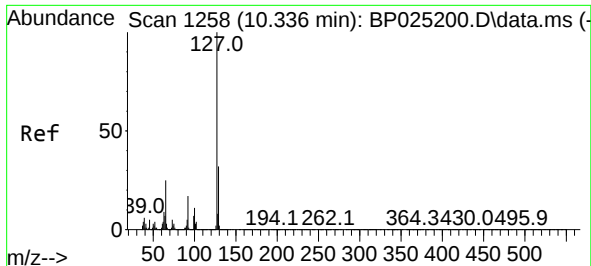


#32
Benzoic acid
Concen: 32.401 ng
RT: 9.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:122 Resp: 609061

Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.1	138.1
77	86.1	62.7	102.7

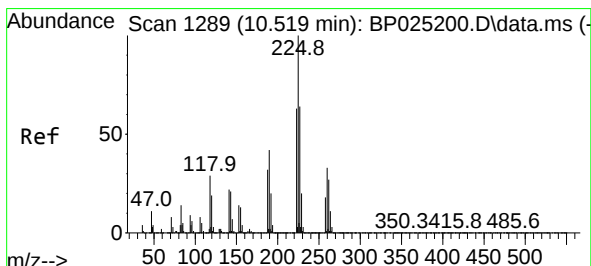
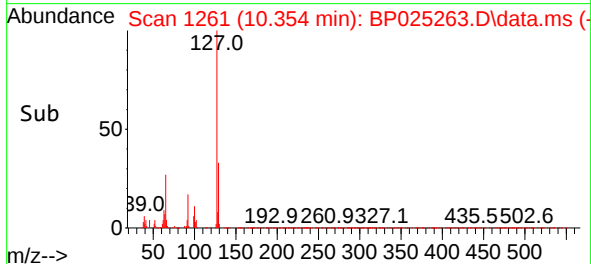
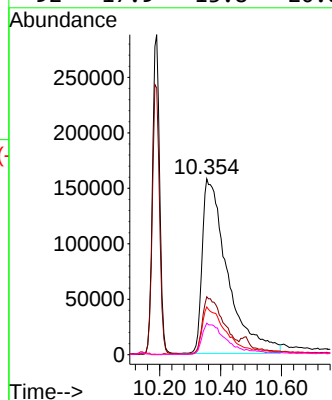
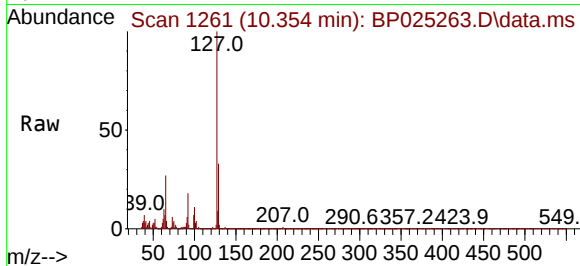




#33
4-Chloroaniline
Concen: 25.349 ng
RT: 10.354 min Scan# 1258
Delta R.T. 0.024 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

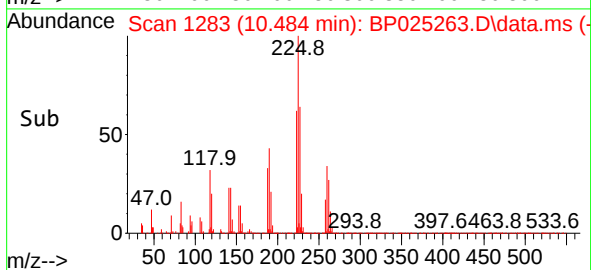
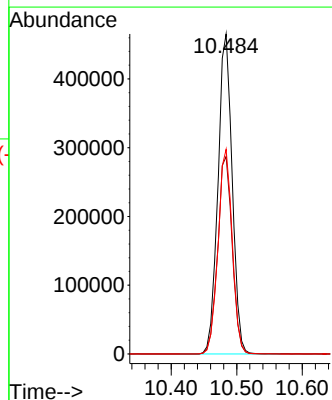
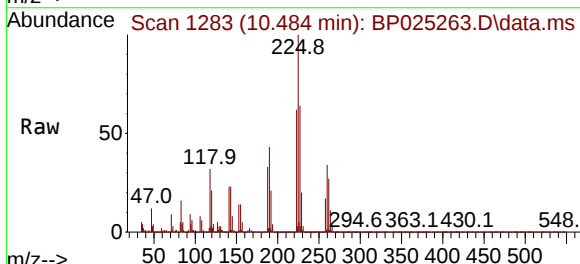
Instrument :
BNA_P
ClientSampleId :
PB169045BS

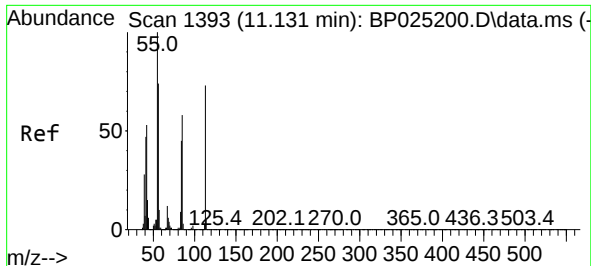
Tgt Ion:	127	Resp:	910884
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	27.1	20.2	30.4
92	17.9	13.8	20.8



#34
Hexachlorobutadiene
Concen: 41.949 ng
RT: 10.484 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:	225	Resp:	697594
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	64.0	51.4	77.0

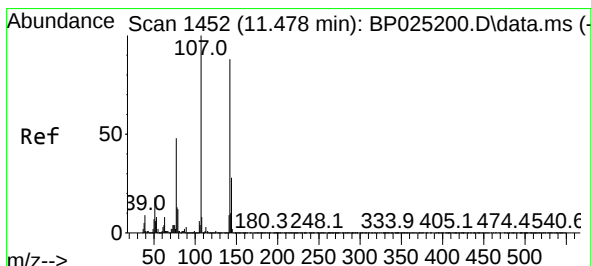
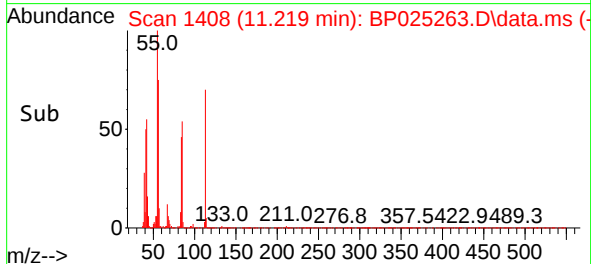
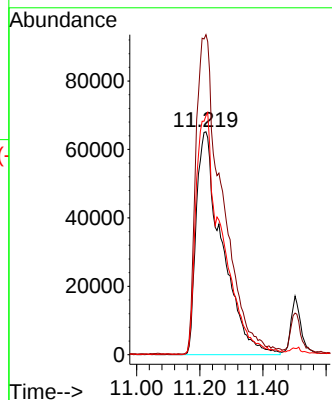
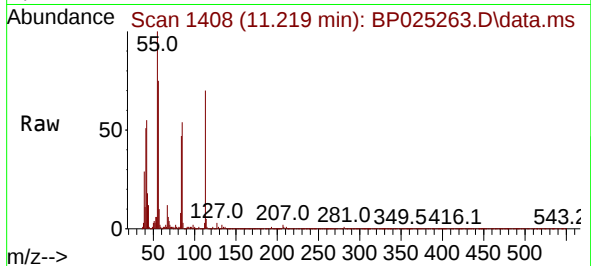




#35
Caprolactam
Concen: 43.814 ng
RT: 11.219 min Scan# 1408
Delta R.T. 0.018 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

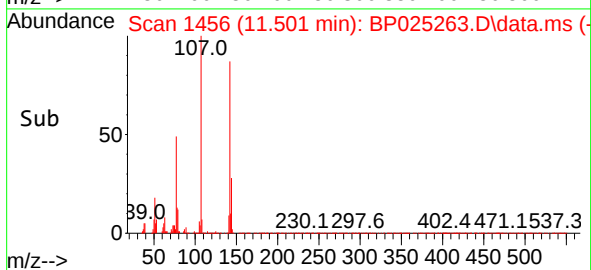
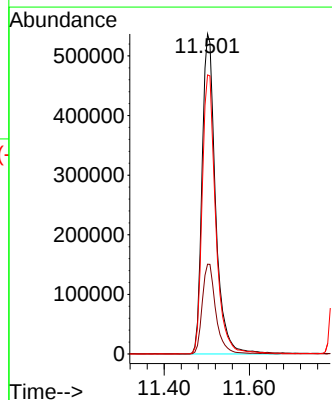
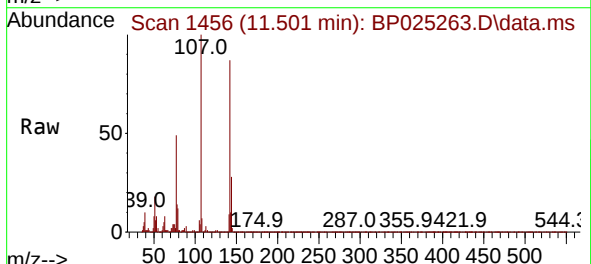
Instrument :
BNA_P
ClientSampleId :
PB169045BS

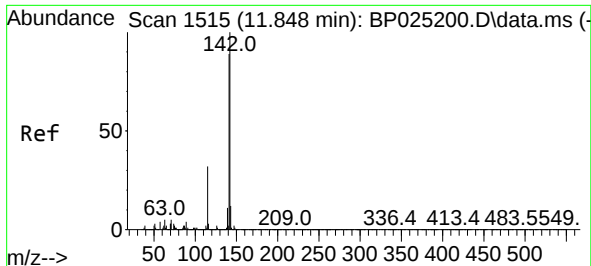
Tgt Ion:113 Resp: 367841
Ion Ratio Lower Upper
113 100
55 143.6 117.6 157.6
56 107.2 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 46.583 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:107 Resp: 1177950
Ion Ratio Lower Upper
107 100
144 28.0 22.5 33.7
142 87.2 70.6 105.8

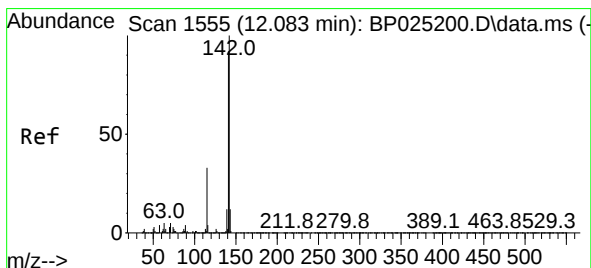
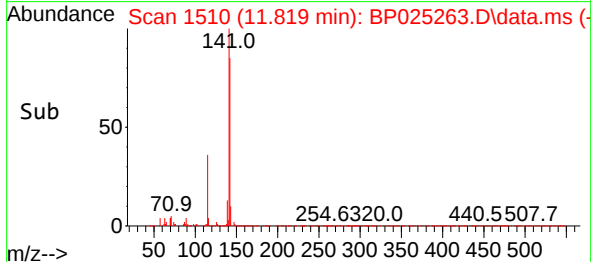
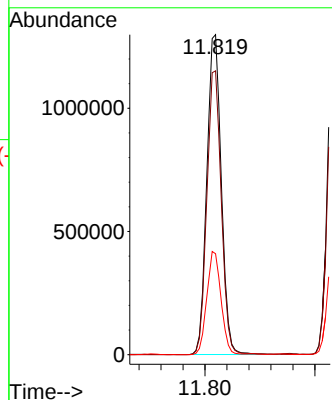
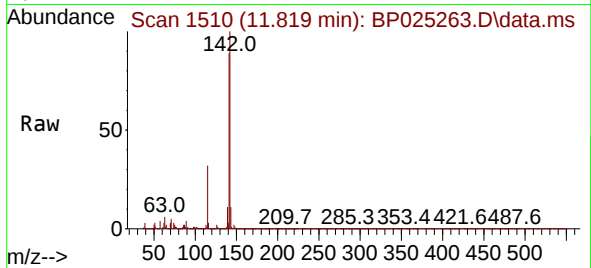




#37
2-Methylnaphthalene
Concen: 44.652 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

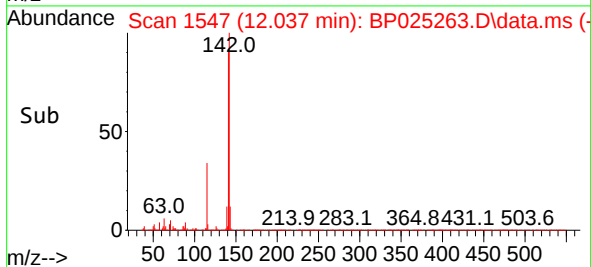
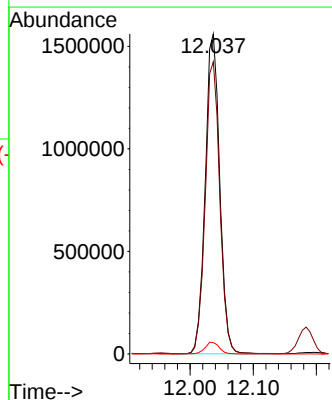
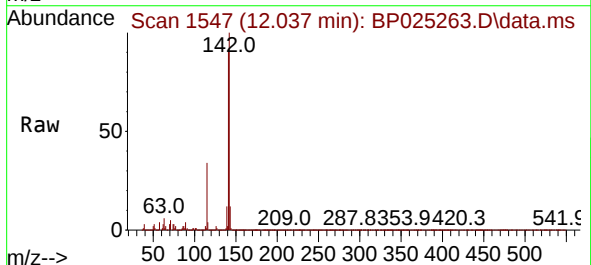
Instrument :
BNA_P
ClientSampleId :
PB169045BS

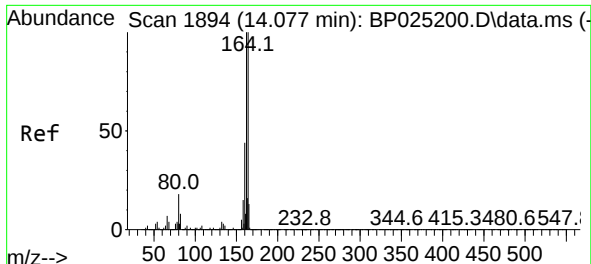
Tgt Ion:142 Resp: 2370160
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 31.6 25.3 37.9



#38
1-Methylnaphthalene
Concen: 44.606 ng
RT: 12.037 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:142 Resp: 2487135
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.8
116 3.6 2.8 4.2

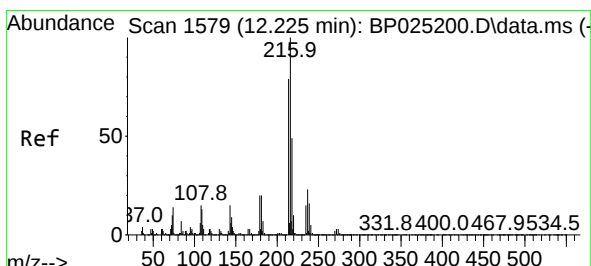
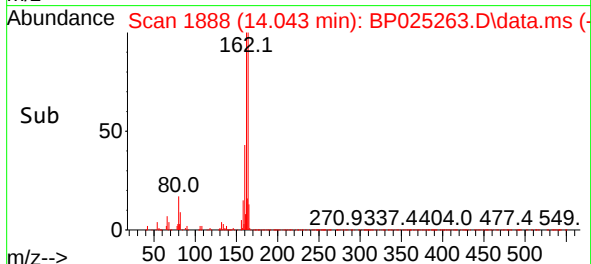
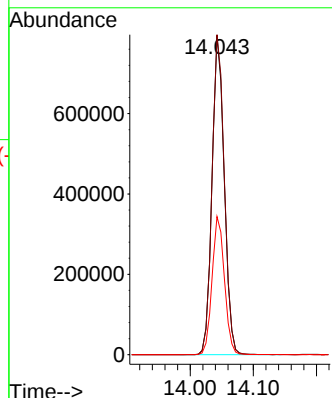
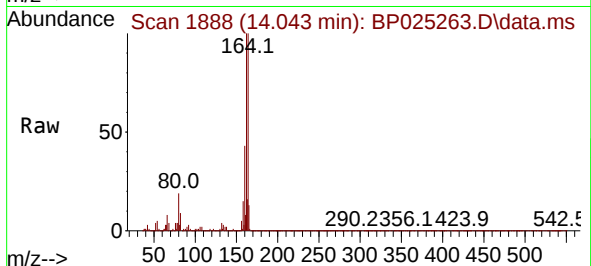




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

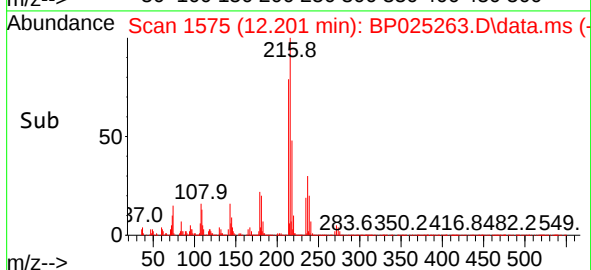
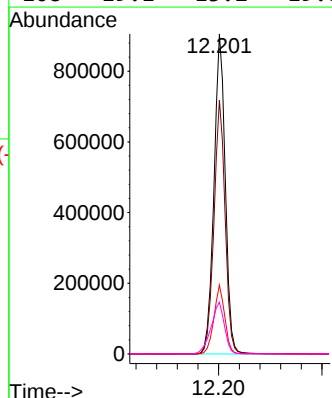
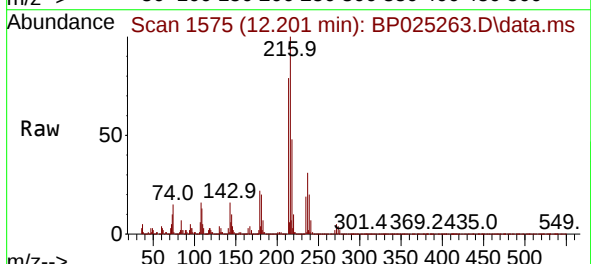
Instrument :
BNA_P
ClientSampleId :
PB169045BS

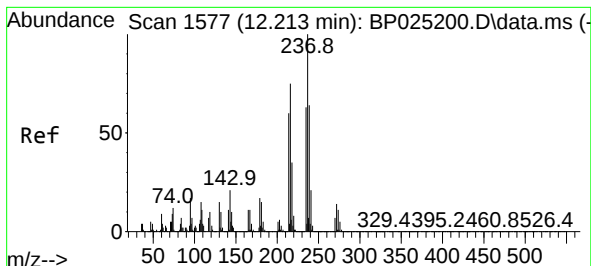
Tgt Ion:164 Resp: 1063390
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.3 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.968 ng
RT: 12.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:216 Resp: 1369601
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 20.7 16.2 24.4
108 19.1 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 94.403 ng

RT: 12.184 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

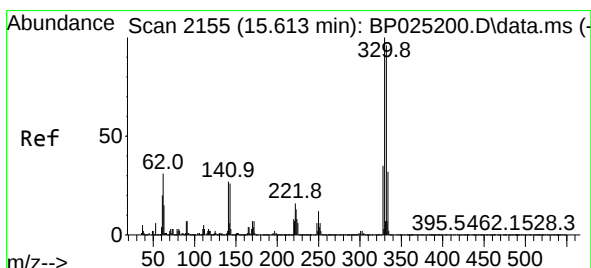
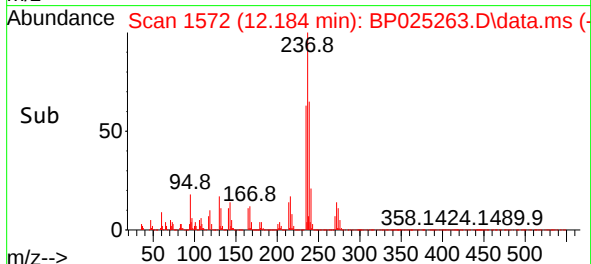
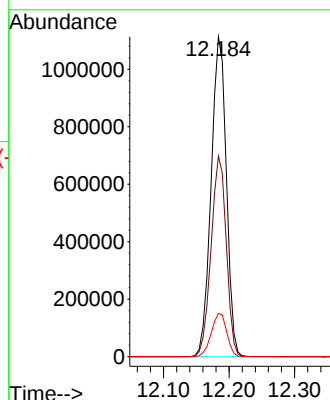
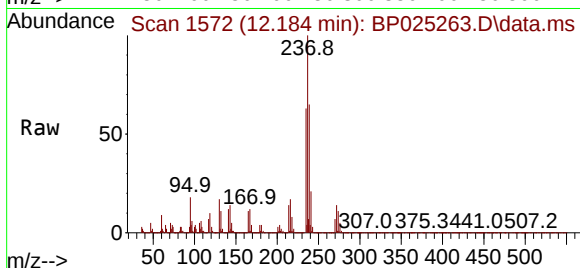
Tgt Ion:237 Resp: 1796272

Ion Ratio Lower Upper

237 100

235 62.7 42.7 82.7

272 13.5 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 119.940 ng

RT: 15.584 min Scan# 2150

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

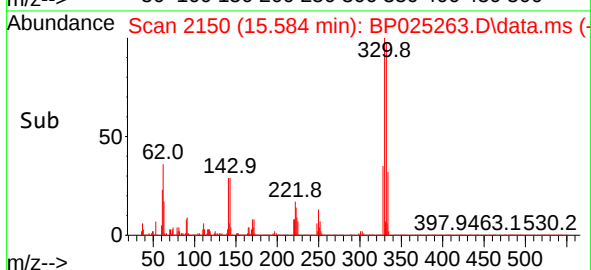
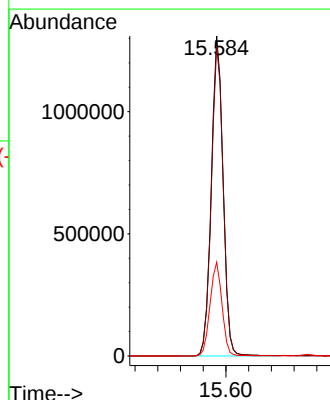
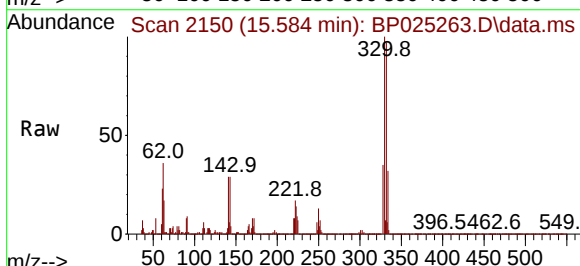
Tgt Ion:330 Resp: 1880267

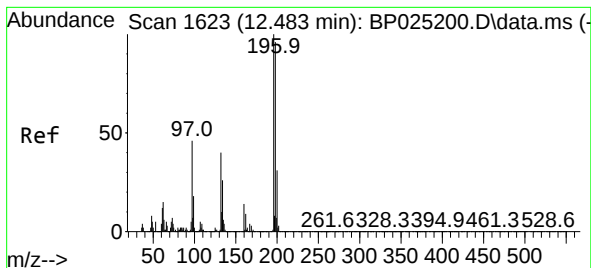
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.6 22.4 33.6





#43

2,4,6-Trichlorophenol

Concen: 44.778 ng

RT: 12.466 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

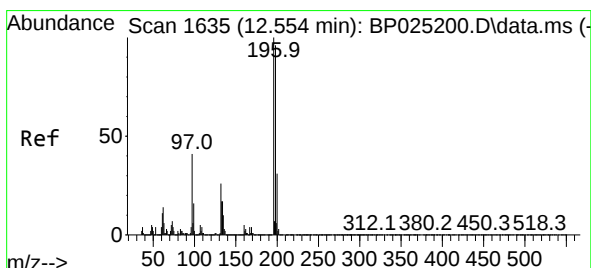
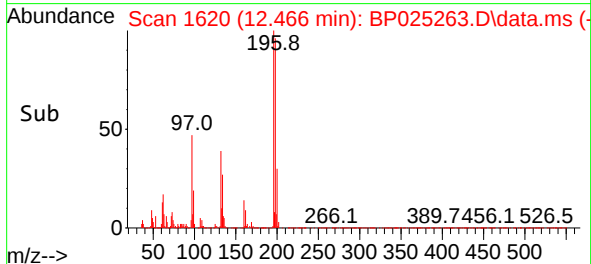
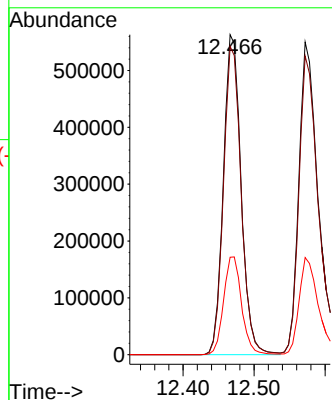
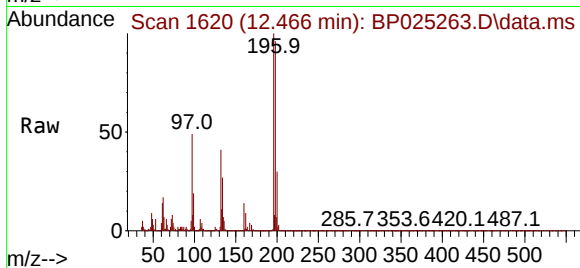
Tgt Ion:196 Resp: 975232

Ion Ratio Lower Upper

196 100

198 96.4 76.6 114.8

200 30.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.557 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Tgt Ion:196 Resp: 1067909

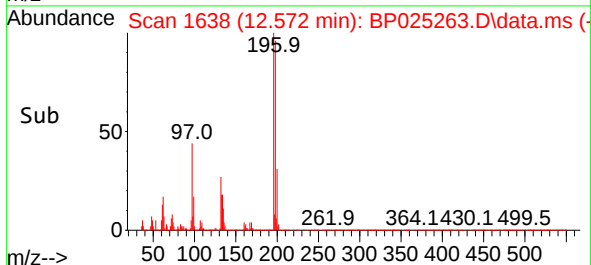
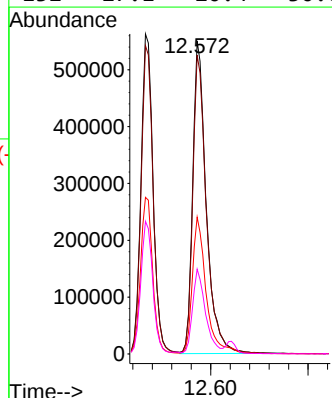
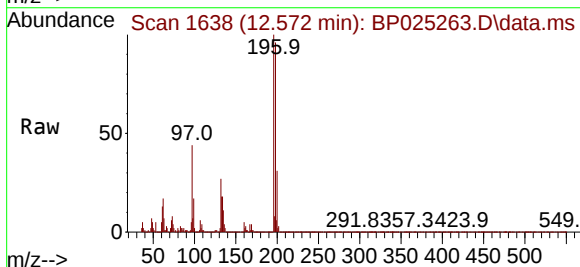
Ion Ratio Lower Upper

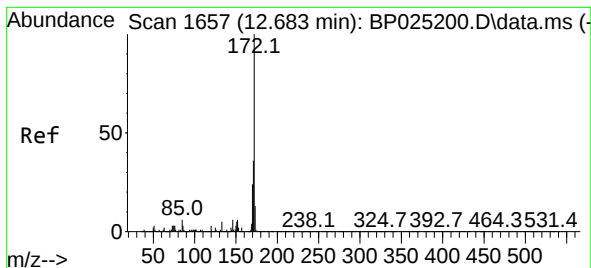
196 100

198 95.6 76.7 115.1

97 43.8 33.0 49.4

132 27.1 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 76.790 ng

RT: 12.643 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

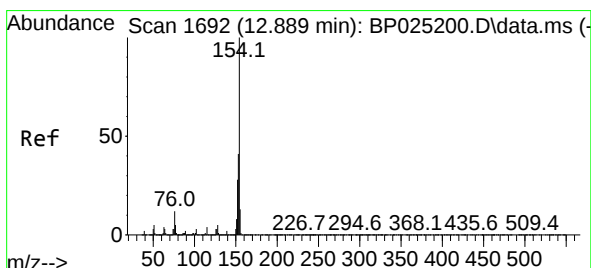
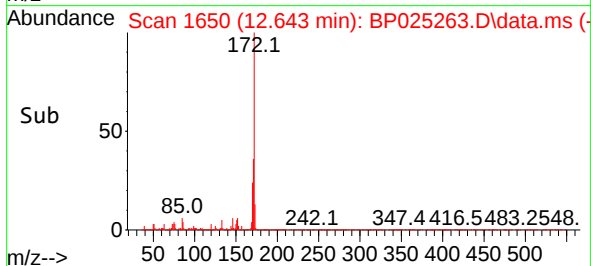
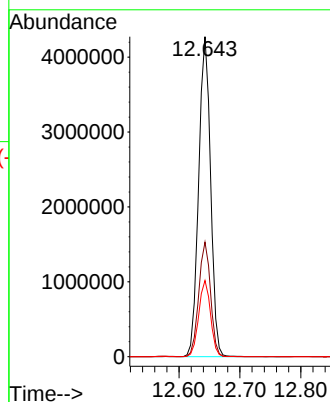
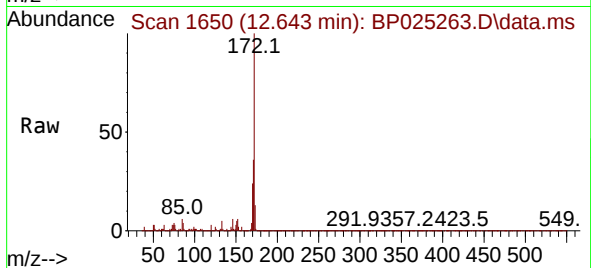
Tgt Ion:172 Resp: 5792118

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.2 28.8



#46

1,1'-Biphenyl

Concen: 45.129 ng

RT: 12.866 min Scan# 1688

Delta R.T. 0.012 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

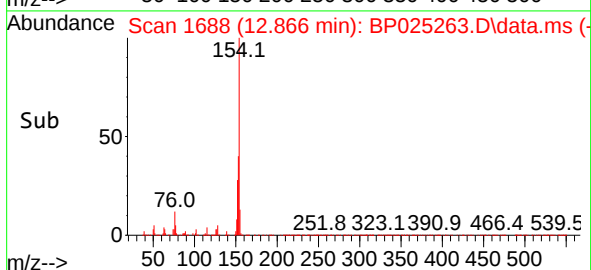
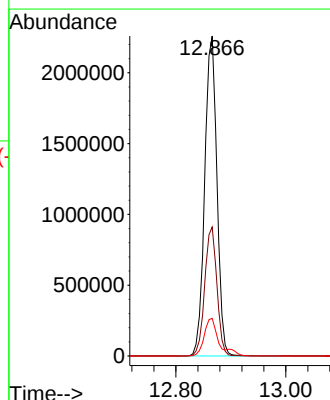
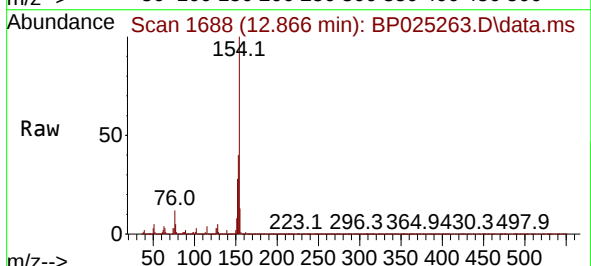
Tgt Ion:154 Resp: 3478907

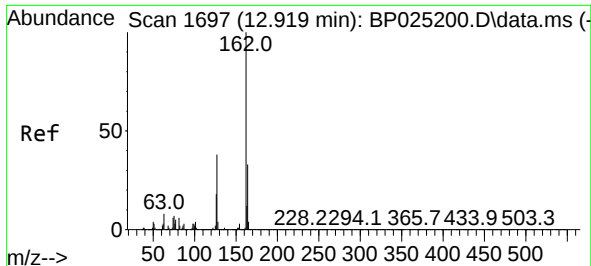
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 11.8 0.0 31.6

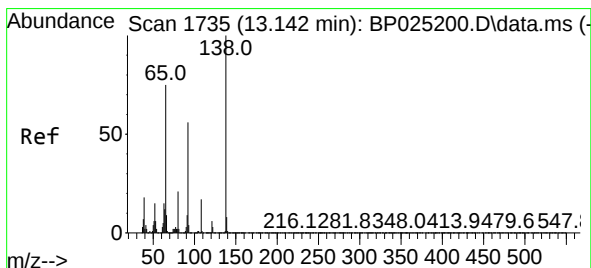
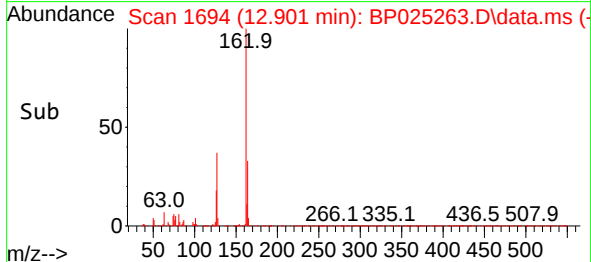
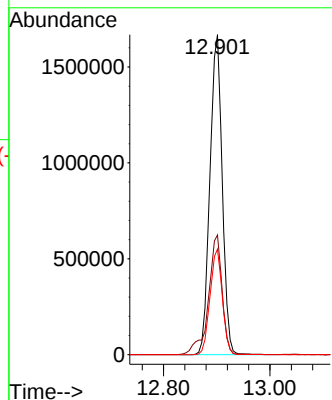
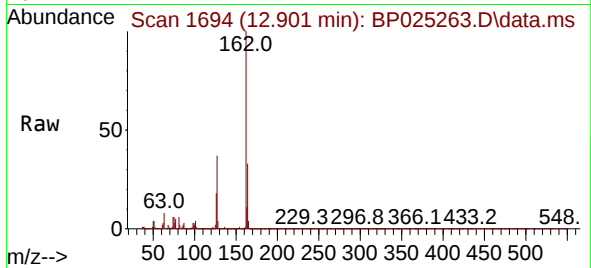




#47
2-Chloronaphthalene
Concen: 44.423 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

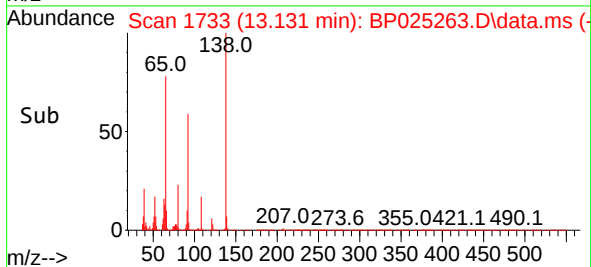
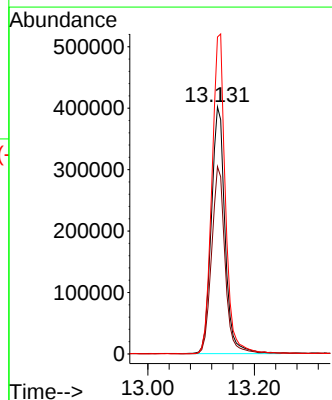
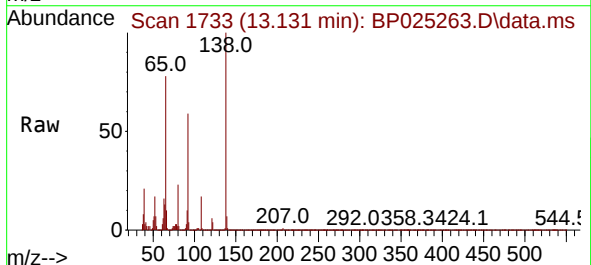
Instrument :
BNA_P
ClientSampleId :
PB169045BS

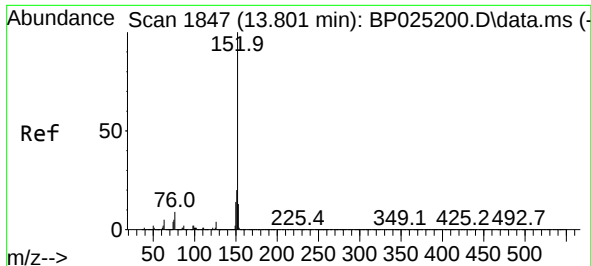
Tgt Ion:162 Resp: 2673539
Ion Ratio Lower Upper
162 100
127 37.4 30.1 45.1
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 46.758 ng
RT: 13.131 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 65 Resp: 718641
Ion Ratio Lower Upper
65 100
92 75.8 59.9 89.9
138 128.3 107.1 160.7

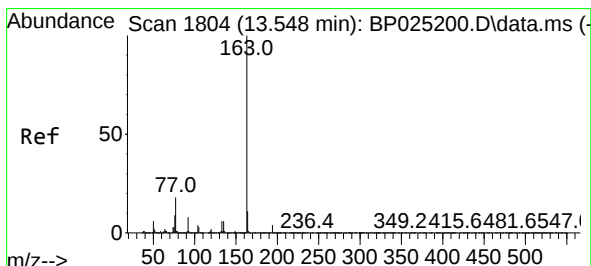
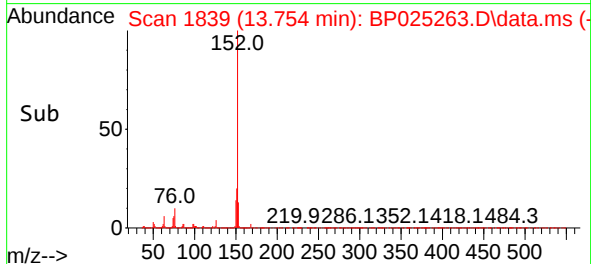
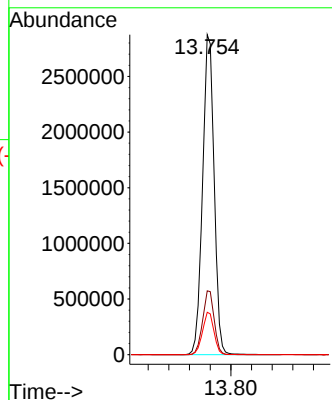
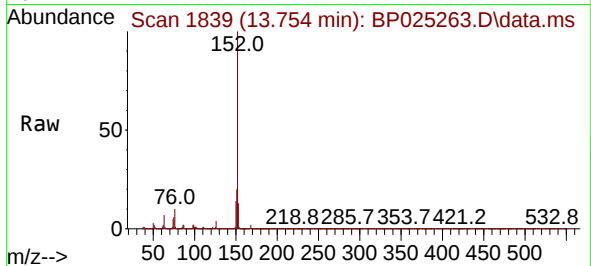




#49
Acenaphthylene
Concen: 45.831 ng
RT: 13.754 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

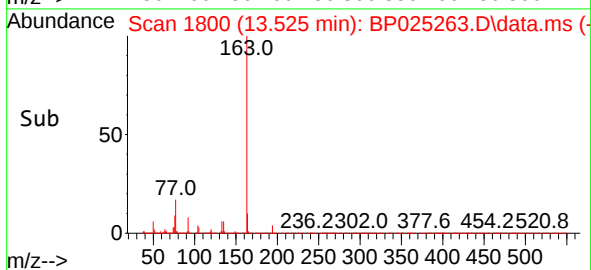
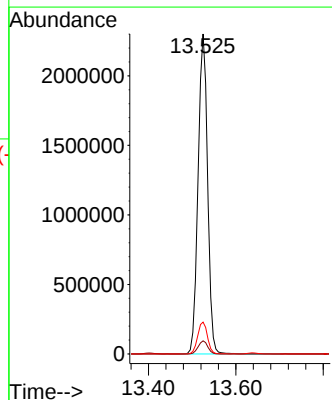
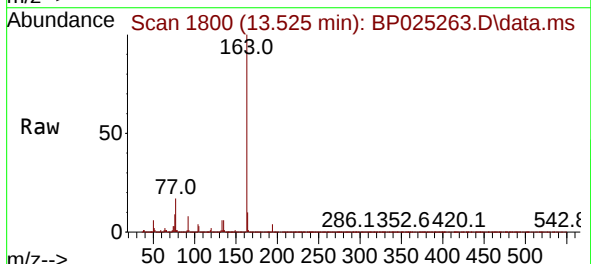
Instrument :
BNA_P
ClientSampleId :
PB169045BS

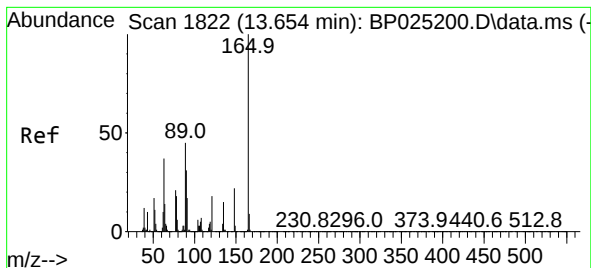
Tgt Ion:152 Resp: 4461361
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 45.833 ng
RT: 13.525 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:163 Resp: 3485584
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.5 12.7

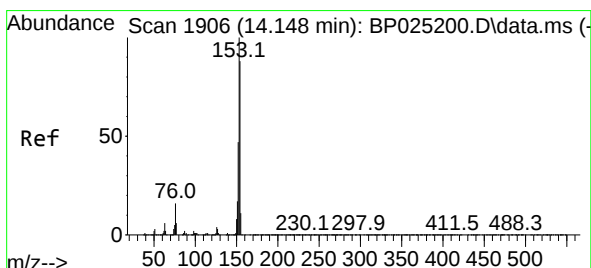
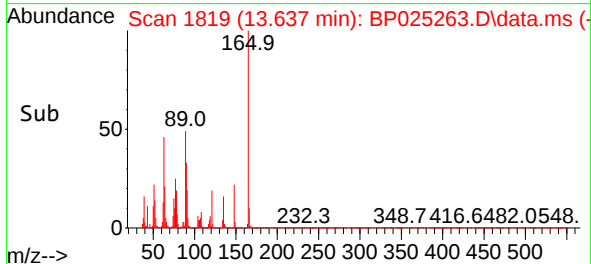
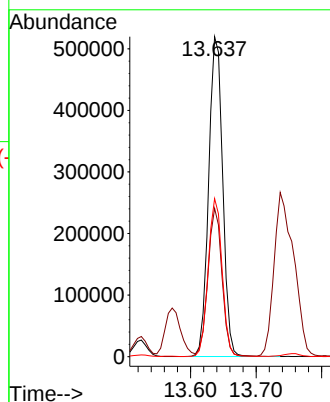
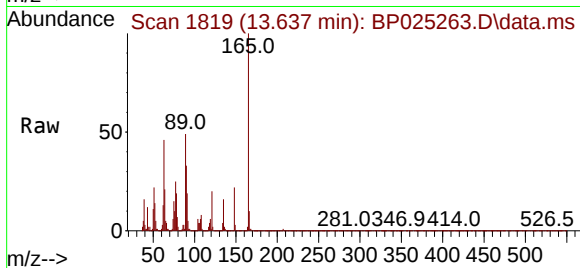




#51
2,6-Dinitrotoluene
Concen: 46.839 ng
RT: 13.637 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

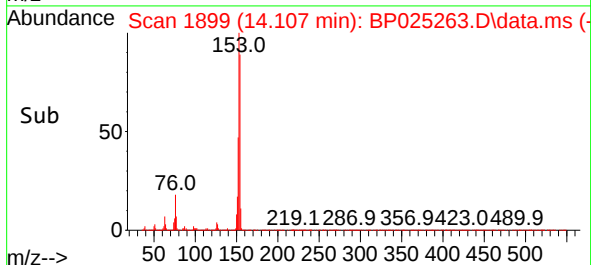
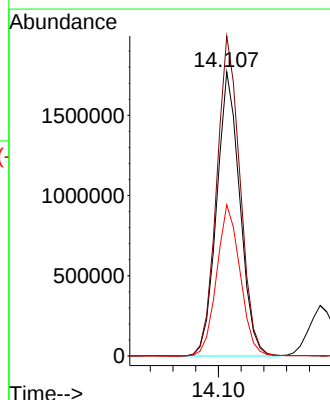
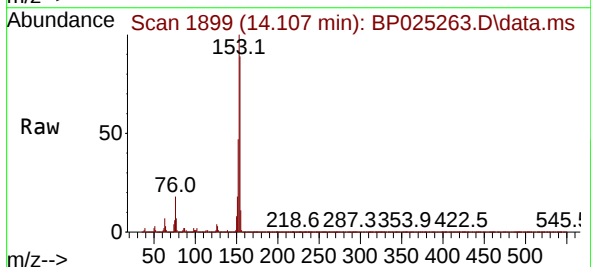
Instrument :
BNA_P
ClientSampleId :
PB169045BS

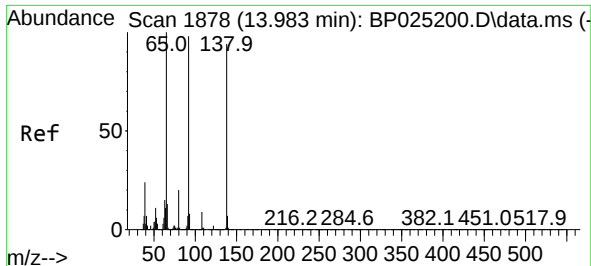
Tgt Ion:165 Resp: 773989
Ion Ratio Lower Upper
165 100
63 46.4 33.4 50.2
89 49.4 36.3 54.5



#52
Acenaphthene
Concen: 44.482 ng
RT: 14.107 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:154 Resp: 2503893
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 53.2 42.9 64.3

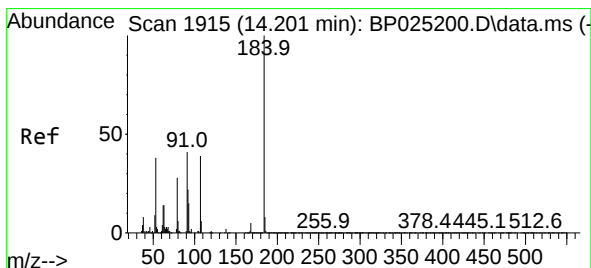
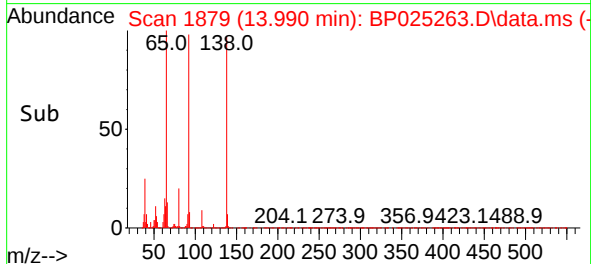
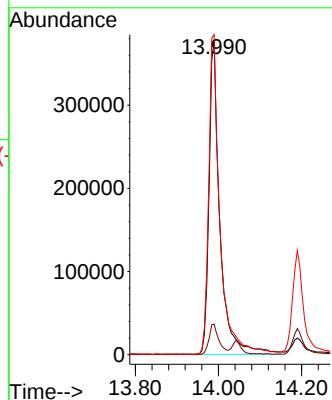
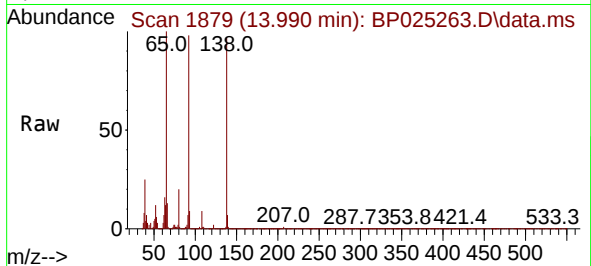




#53
3-Nitroaniline
Concen: 37.162 ng
RT: 13.990 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

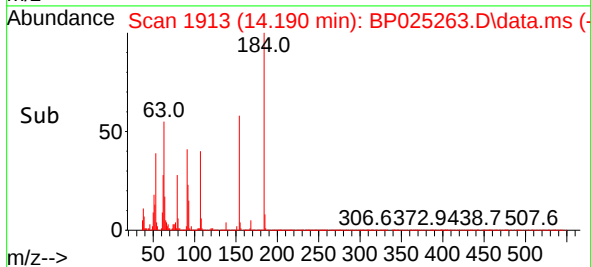
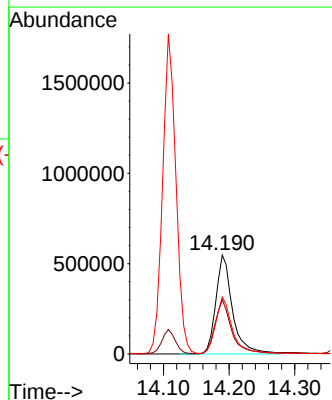
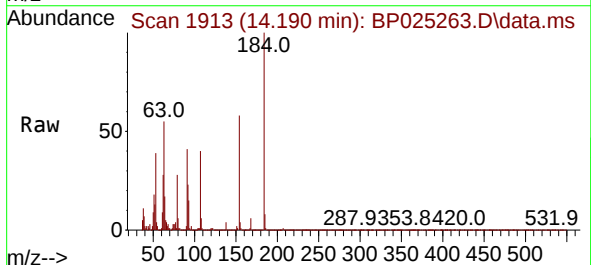
Instrument :
BNA_P
ClientSampleId :
PB169045BS

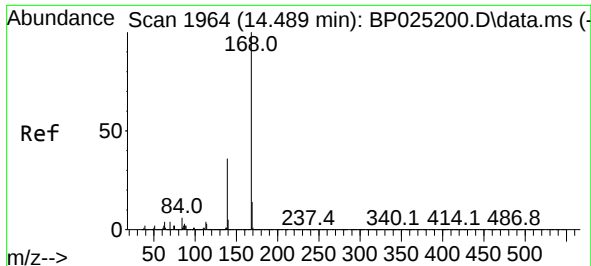
Tgt Ion:138 Resp: 692503
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 101.6 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 98.424 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:184 Resp: 963644
Ion Ratio Lower Upper
184 100
63 54.7 41.8 62.8
154 57.5 45.7 68.5

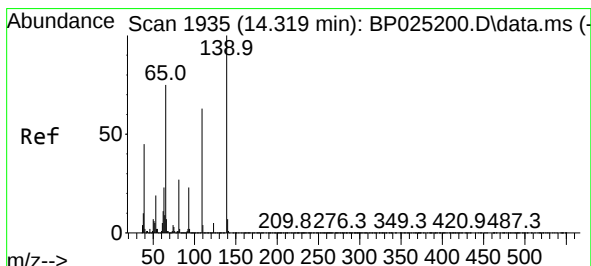
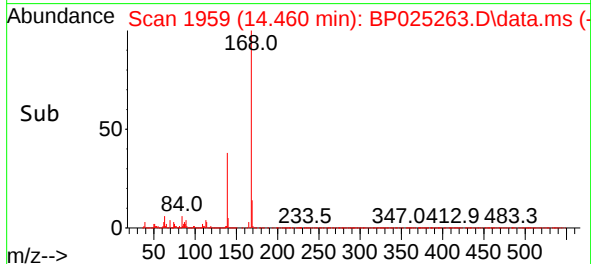
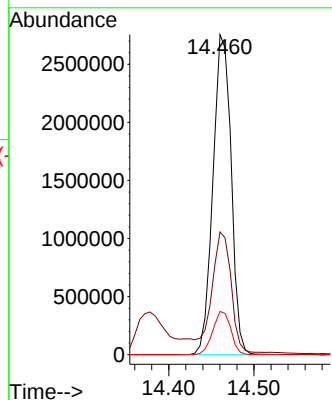
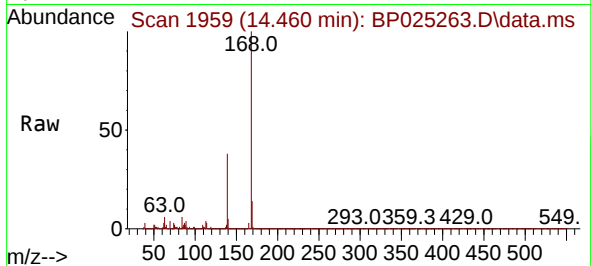




#55
Dibenzofuran
Concen: 44.967 ng
RT: 14.460 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

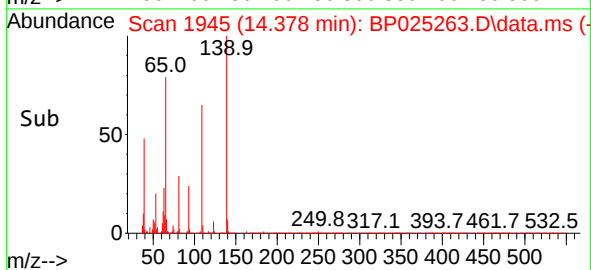
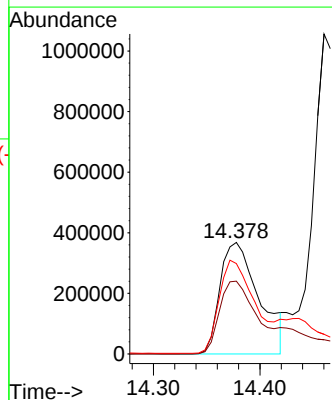
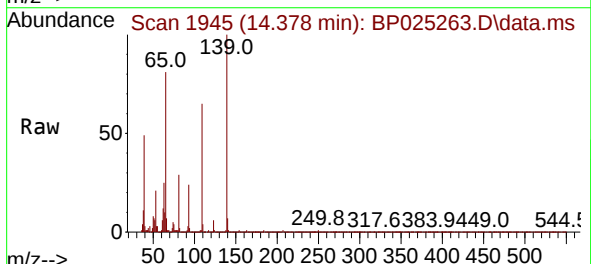
Instrument :
BNA_P
ClientSampleId :
PB169045BS

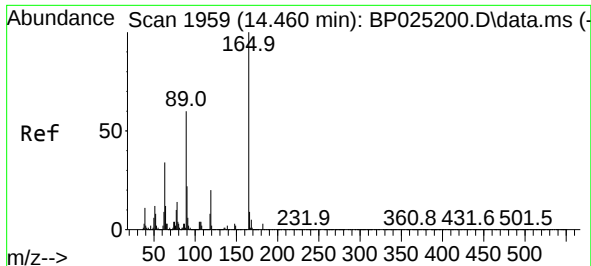
Tgt Ion:168 Resp: 4088599
Ion Ratio Lower Upper
168 100
139 38.3 28.7 43.1
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 58.626 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:139 Resp: 934838
Ion Ratio Lower Upper
139 100
109 65.2 42.6 82.6
65 81.1 55.4 95.4

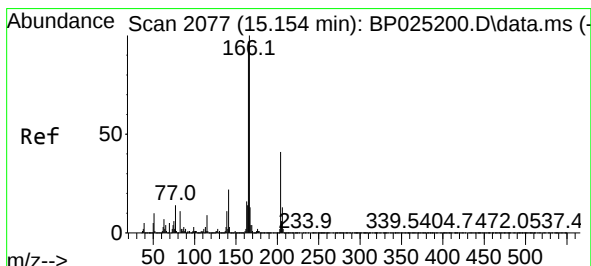
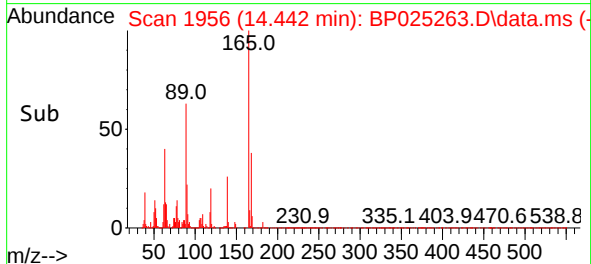
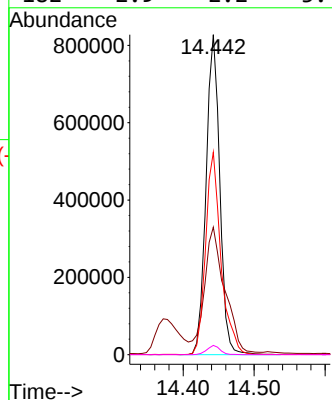
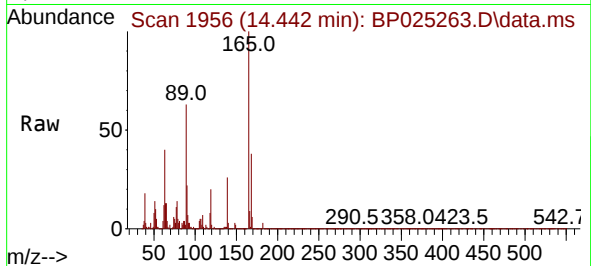




#57
2,4-Dinitrotoluene
Concen: 48.107 ng
RT: 14.442 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

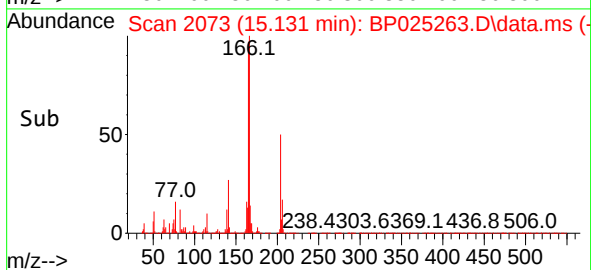
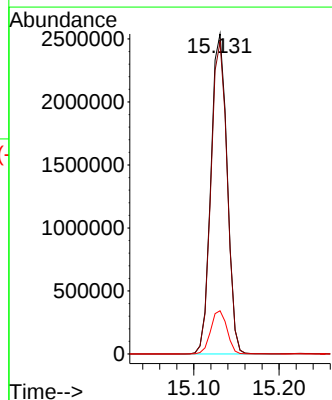
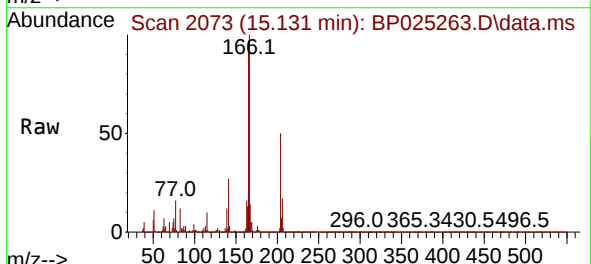
Instrument :
BNA_P
ClientSampleId :
PB169045BS

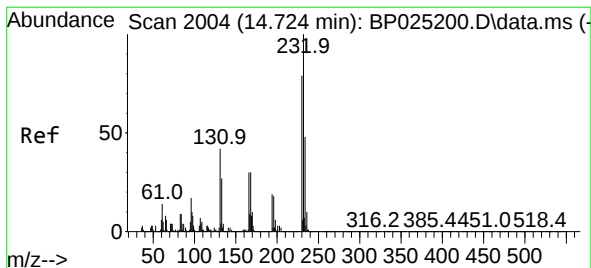
Tgt Ion:165 Resp: 1112768
Ion Ratio Lower Upper
165 100
63 39.9 27.0 40.4
89 63.3 47.8 71.6
182 2.9 2.2 3.4



#58
Fluorene
Concen: 46.453 ng
RT: 15.131 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:166 Resp: 3353179
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.5 10.7 16.1

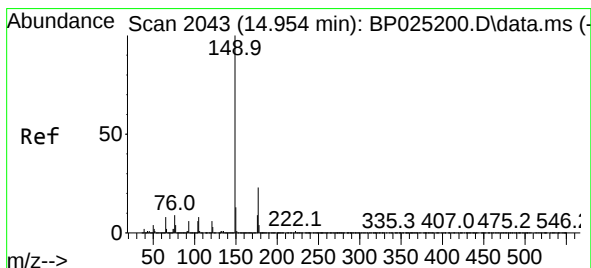
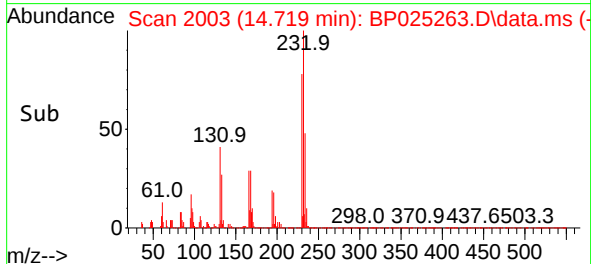
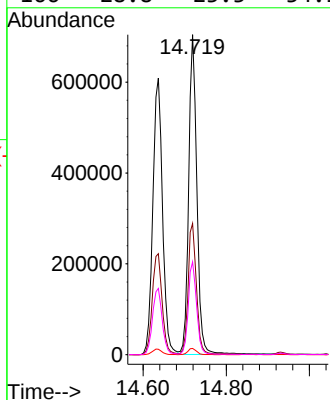
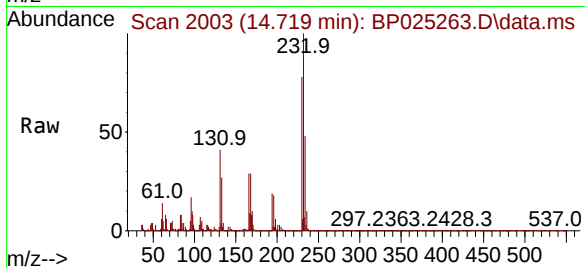




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.449 ng
RT: 14.719 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

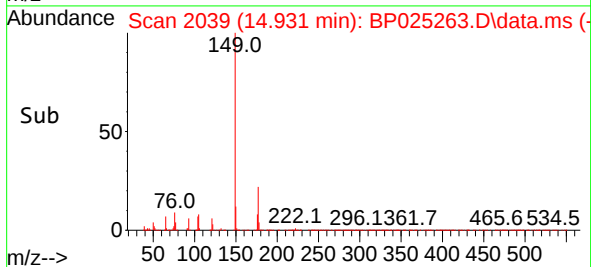
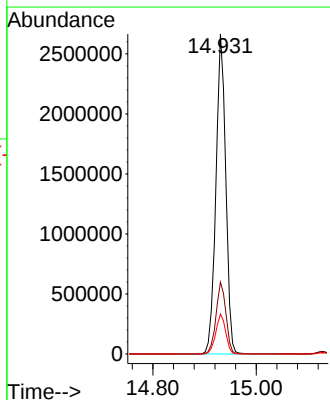
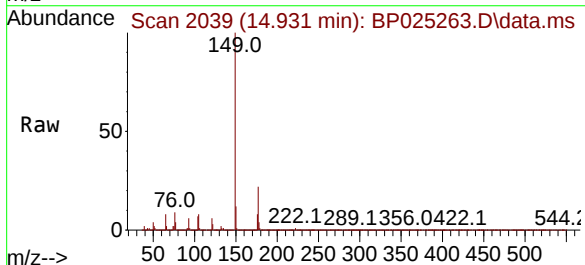
Instrument :
BNA_P
ClientSampleId :
PB169045BS

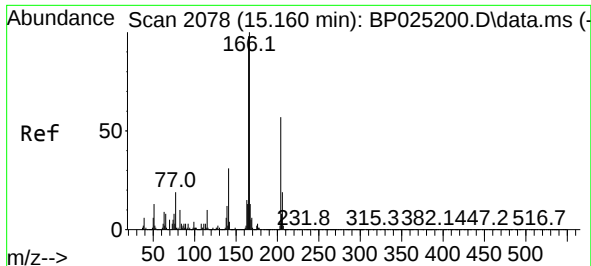
Tgt Ion:232 Resp: 963998
Ion Ratio Lower Upper
232 100
131 41.4 32.6 48.8
130 2.0 1.6 2.4
166 28.8 23.3 34.9



#60
Diethylphthalate
Concen: 46.933 ng
RT: 14.931 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:149 Resp: 3517931
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.5 10.0 15.0

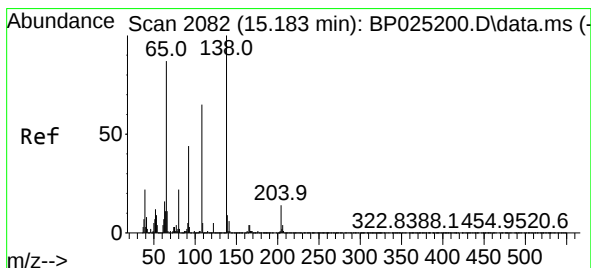
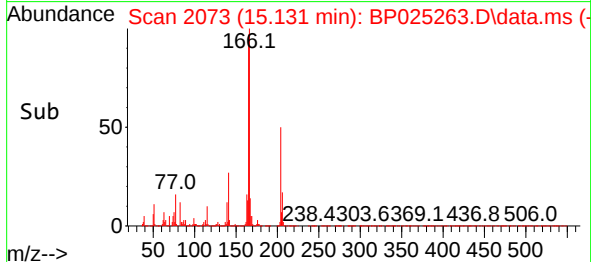
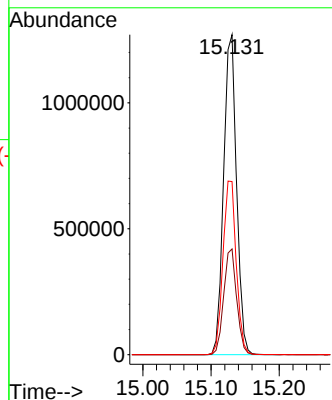
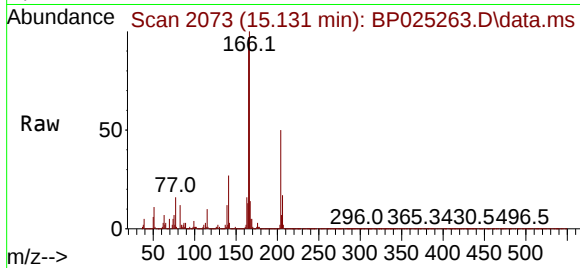




#61
4-Chlorophenyl-phenylether
Concen: 46.023 ng
RT: 15.131 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

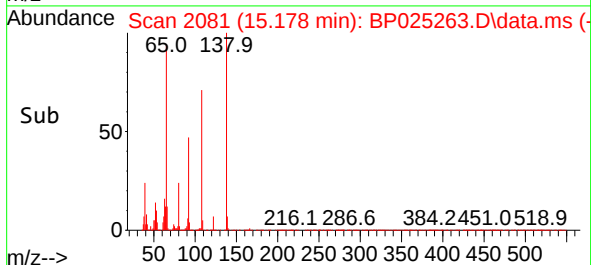
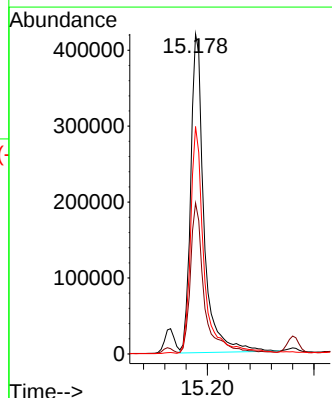
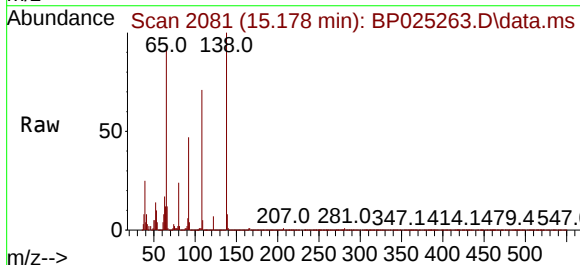
Instrument :
BNA_P
ClientSampleId :
PB169045BS

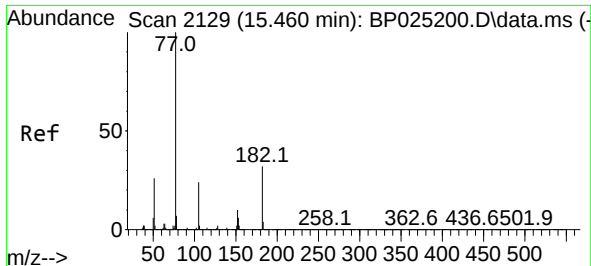
Tgt Ion:204 Resp: 1678699
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 54.1 43.0 64.6



#62
4-Nitroaniline
Concen: 38.420 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:138 Resp: 728115
Ion Ratio Lower Upper
138 100
92 47.2 24.0 64.0
108 71.1 44.9 84.9

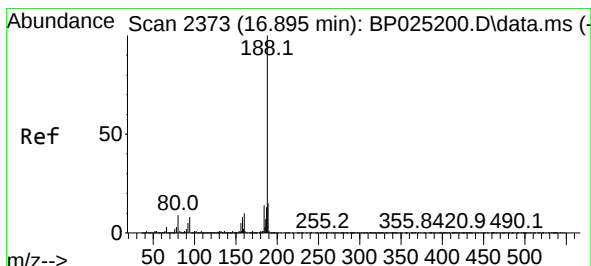
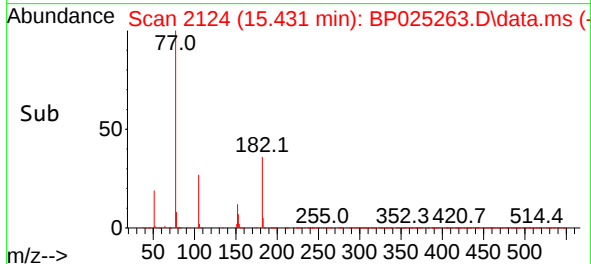
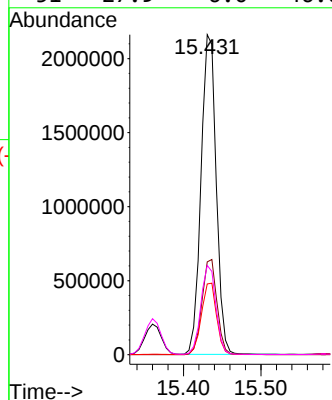
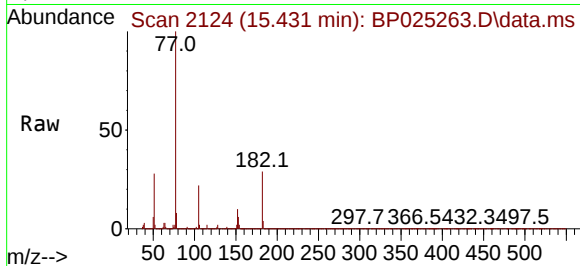




#63
Azobenzene
Concen: 48.074 ng
RT: 15.431 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

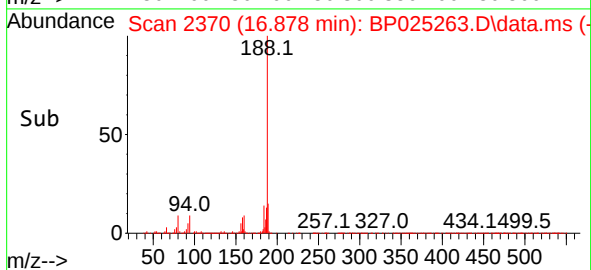
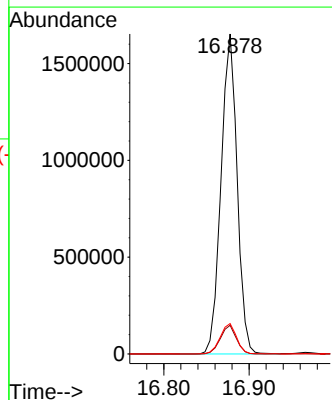
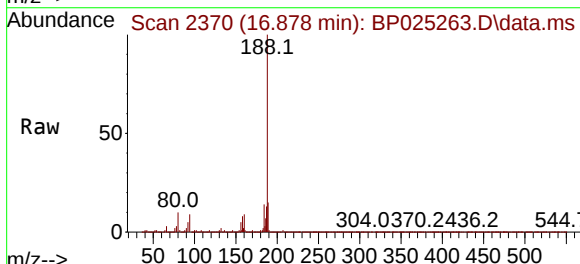
Instrument :
BNA_P
ClientSampleId :
PB169045BS

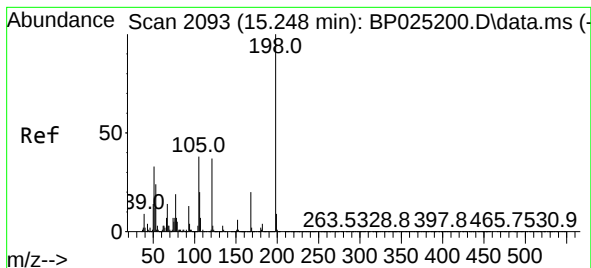
Tgt Ion: 77 Resp: 2936436
Ion Ratio Lower Upper
77 100
182 29.0 12.0 52.0
105 22.1 3.6 43.6
51 27.9 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.878 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:188 Resp: 2167842
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.5 7.3 10.9

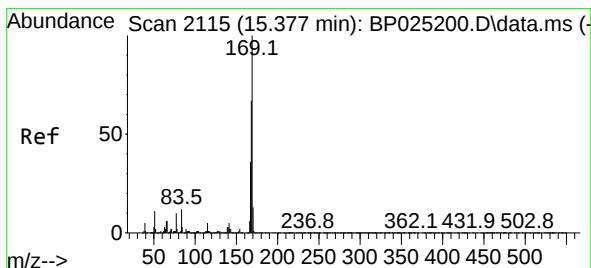
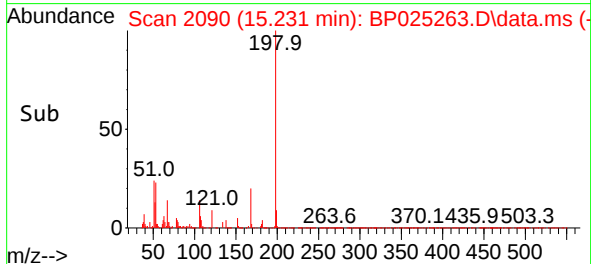
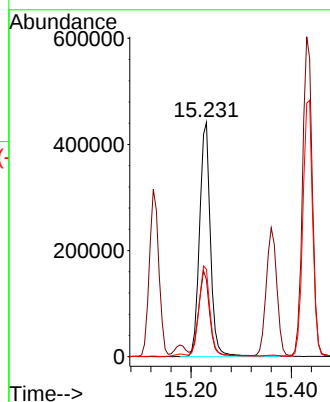
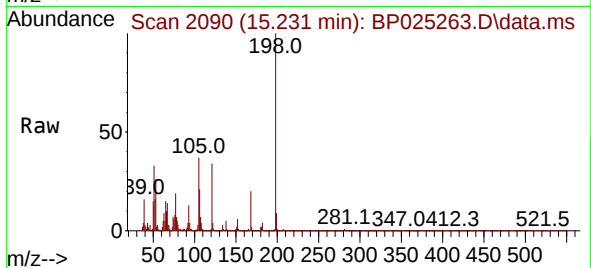




#65
4,6-Dinitro-2-methylphenol
Concen: 47.308 ng
RT: 15.231 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

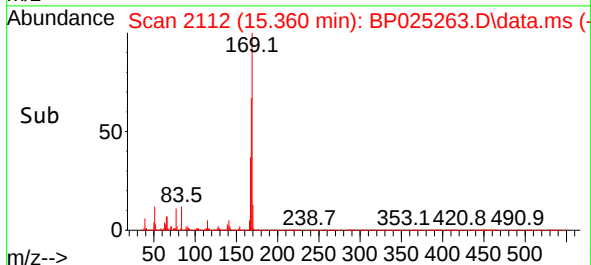
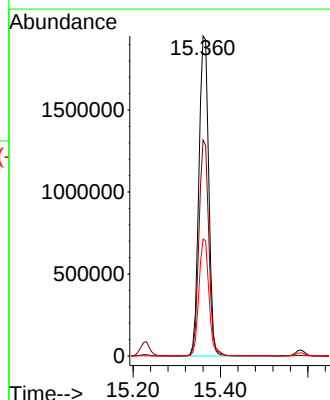
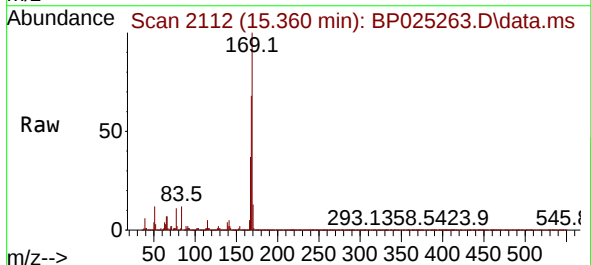
Instrument :
BNA_P
ClientSampleId :
PB169045BS

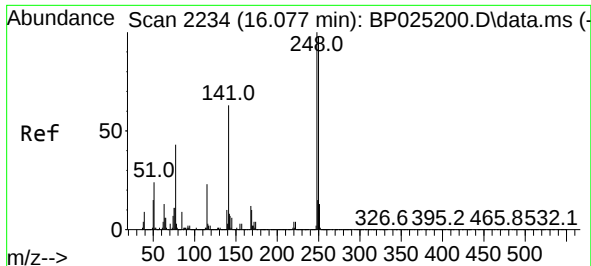
Tgt Ion:198 Resp: 661853
Ion Ratio Lower Upper
198 100
51 32.9 14.6 54.6
105 37.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 46.163 ng
RT: 15.360 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:169 Resp: 3037516
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 36.5 29.0 43.6

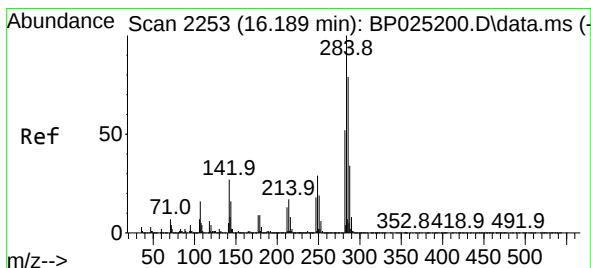
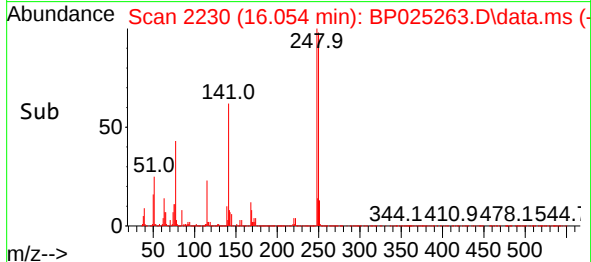
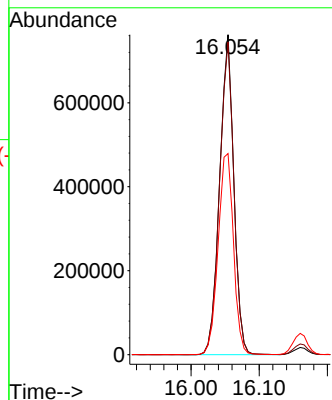
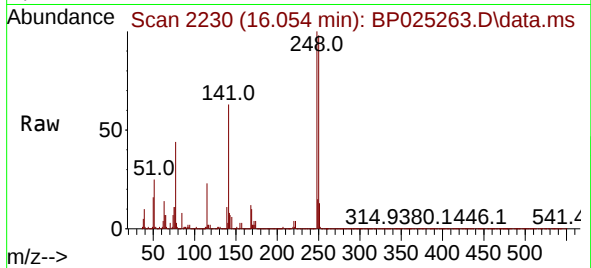




#67
4-Bromophenyl-phenylether
Concen: 43.607 ng
RT: 16.054 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

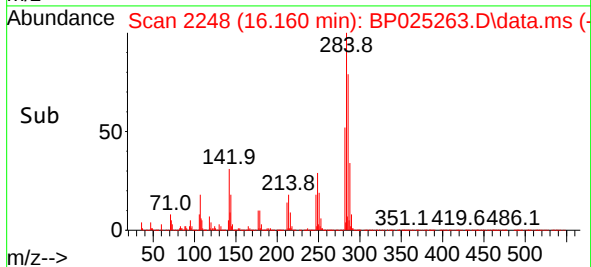
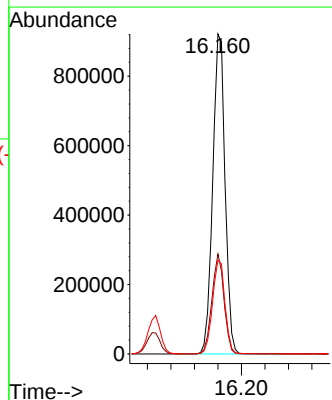
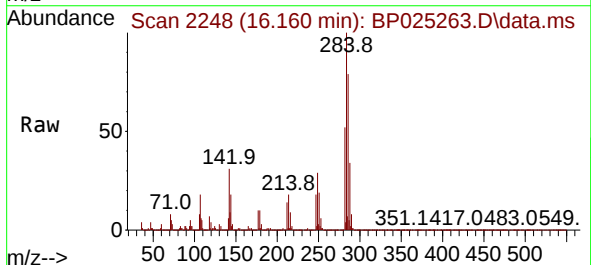
Instrument :
BNA_P
ClientSampleId :
PB169045BS

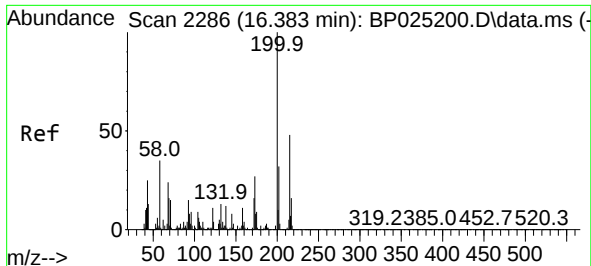
Tgt Ion:248 Resp: 1103254
Ion Ratio Lower Upper
248 100
250 97.8 78.5 117.7
141 62.8 50.5 75.7



#68
Hexachlorobenzene
Concen: 44.528 ng
RT: 16.160 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:284 Resp: 1337847
Ion Ratio Lower Upper
284 100
142 31.2 21.5 32.3
249 29.3 23.4 35.0

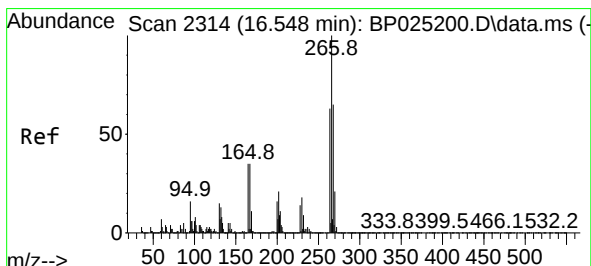
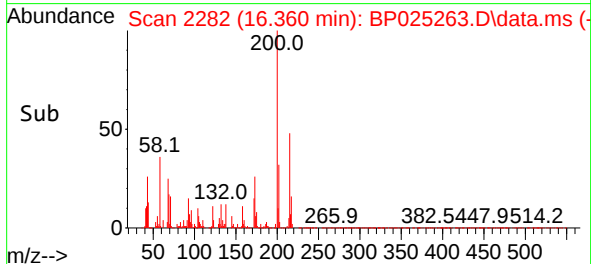
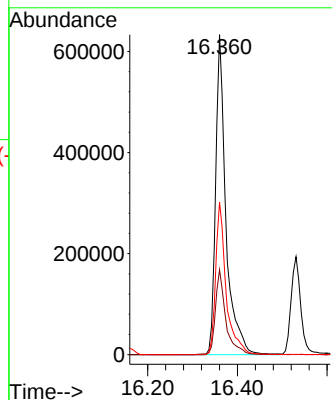
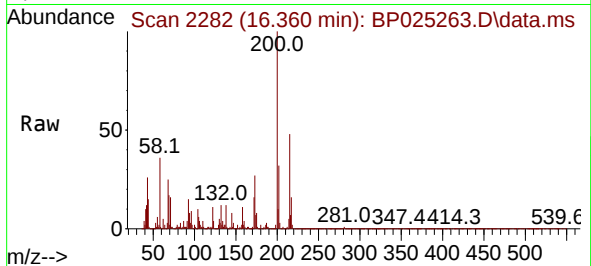




#69
 Atrazine
 Concen: 41.631 ng
 RT: 16.360 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

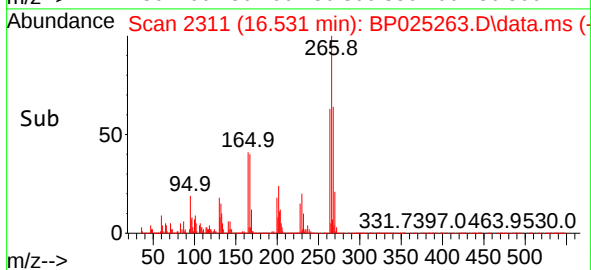
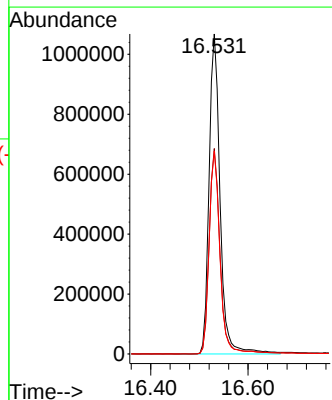
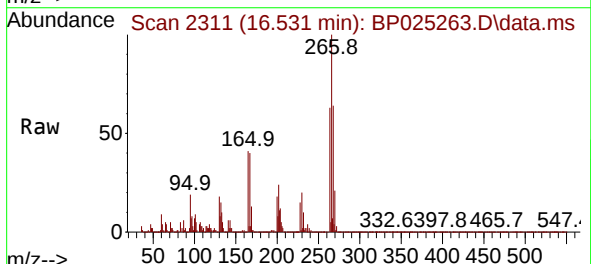
Instrument :
 BNA_P
 ClientSampleId :
 PB169045BS

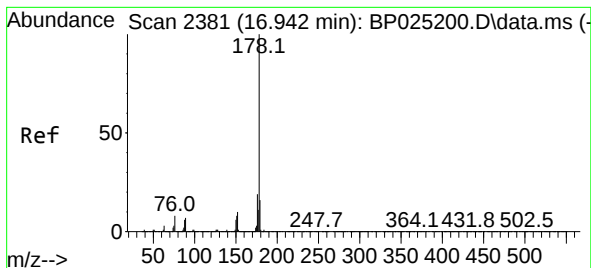
Tgt Ion:200 Resp: 1013652
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.4 47.4
 215 47.7 28.5 68.5



#70
 Pentachlorophenol
 Concen: 81.653 ng
 RT: 16.531 min Scan# 2311
 Delta R.T. -0.006 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

Tgt Ion:266 Resp: 1668273
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.8 77.6
 264 63.5 50.3 75.5

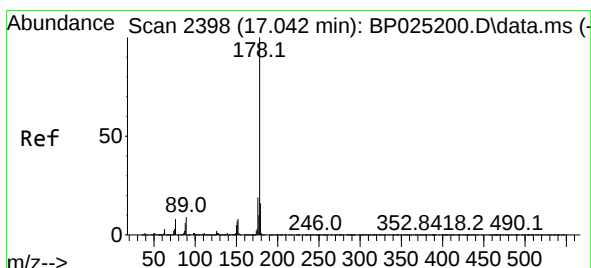
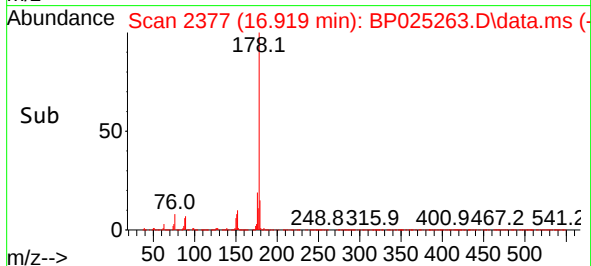
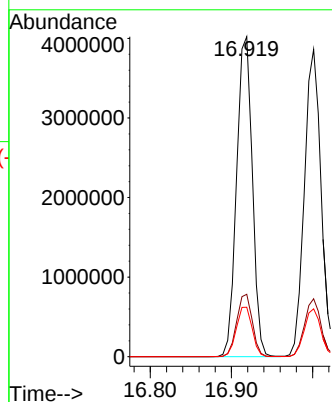
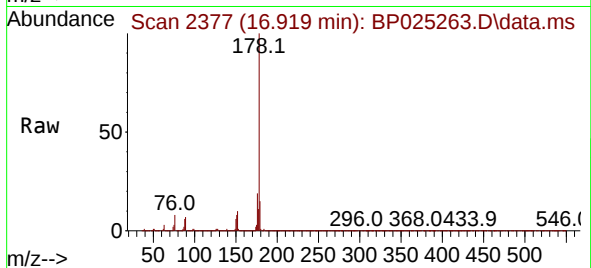




#71
Phenanthrene
Concen: 46.167 ng
RT: 16.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

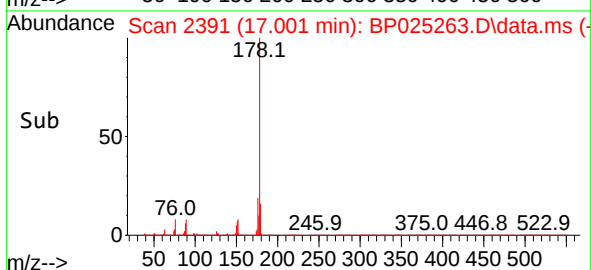
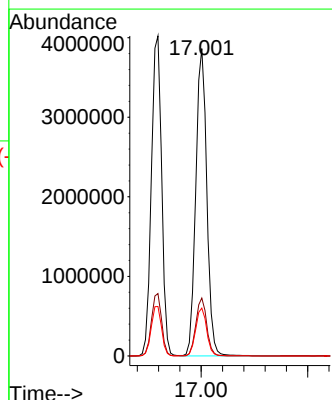
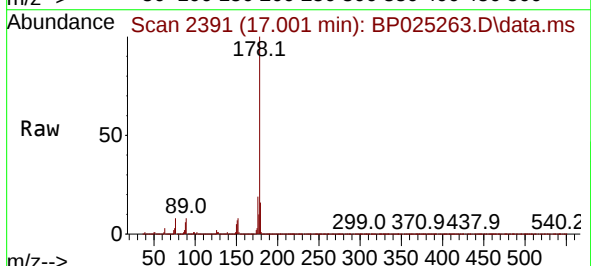
Instrument :
BNA_P
ClientSampleId :
PB169045BS

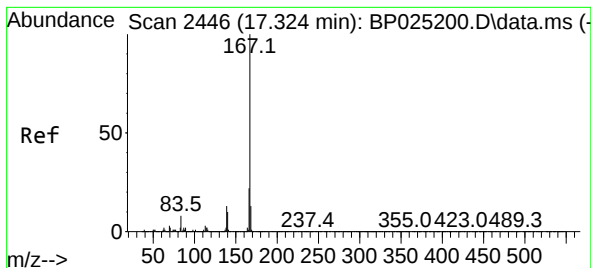
Tgt Ion:178 Resp: 5397957
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 47.133 ng
RT: 17.001 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:178 Resp: 5551682
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.6 12.5 18.7





#73

Carbazole

Concen: 46.461 ng

RT: 17.301 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

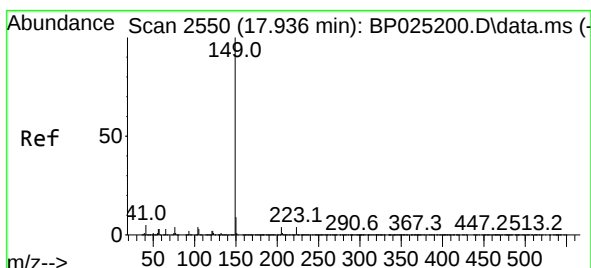
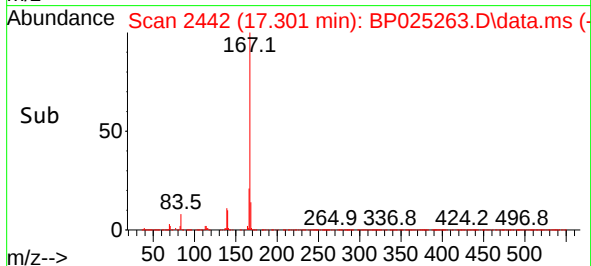
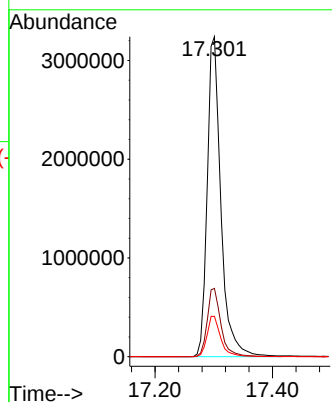
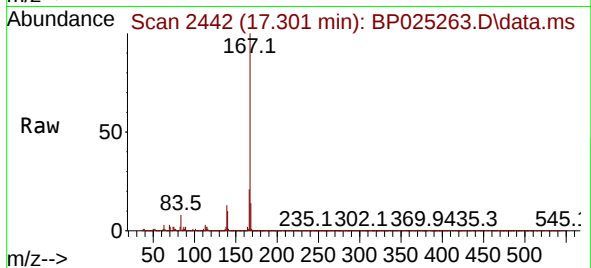
Tgt Ion:167 Resp: 5224148

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 47.808 ng

RT: 17.919 min Scan# 2547

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

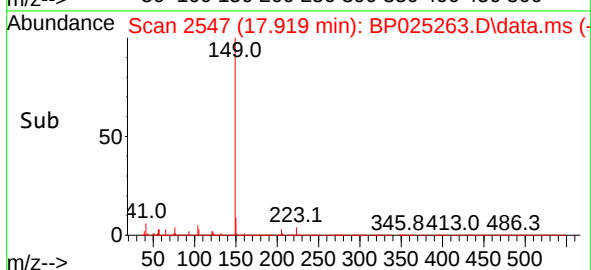
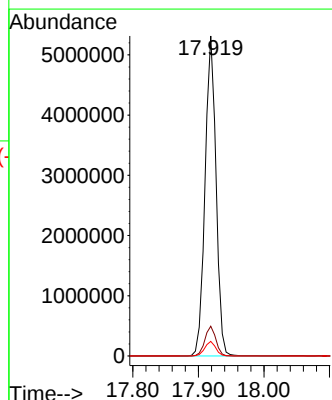
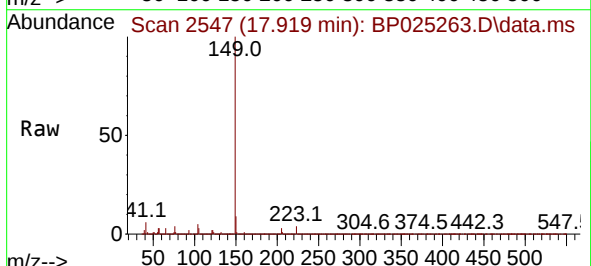
Tgt Ion:149 Resp: 6202495

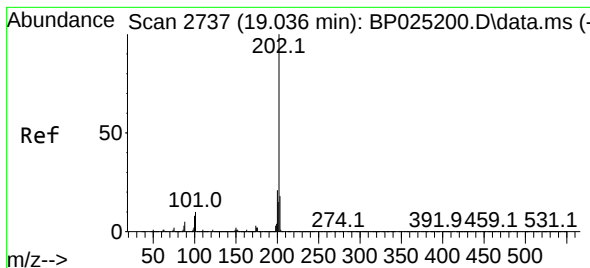
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 46.963 ng

RT: 19.019 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

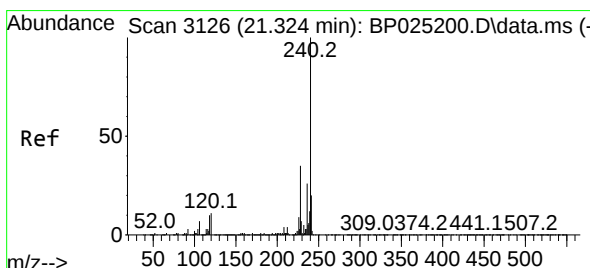
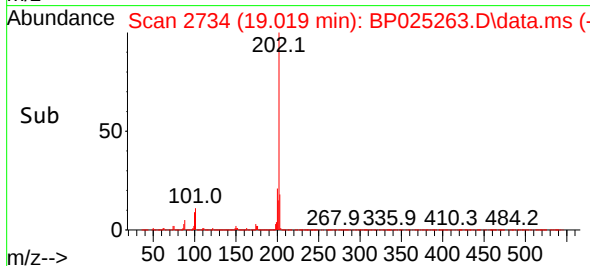
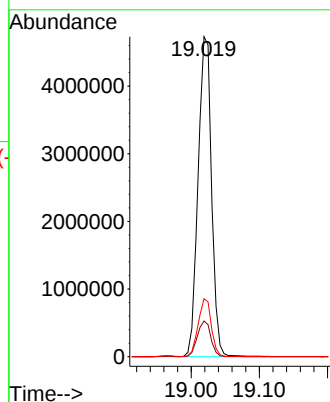
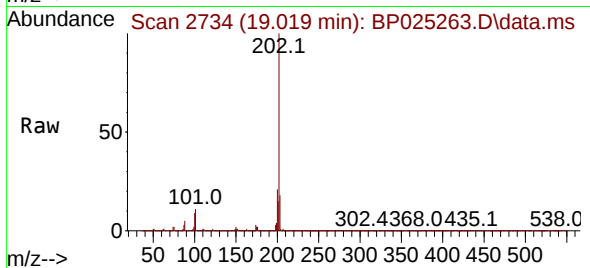
Tgt Ion:202 Resp: 6462389

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.301 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

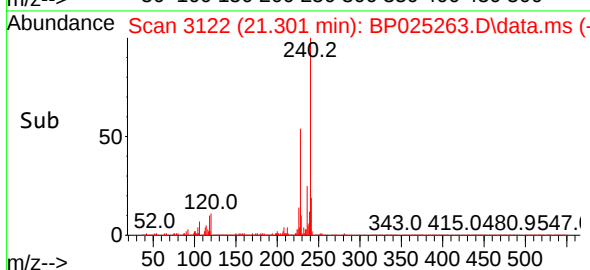
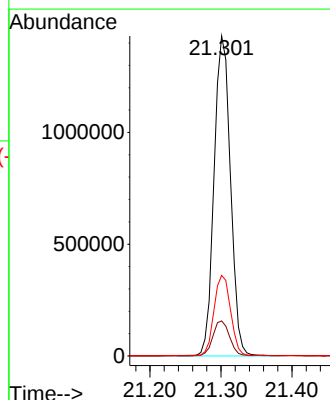
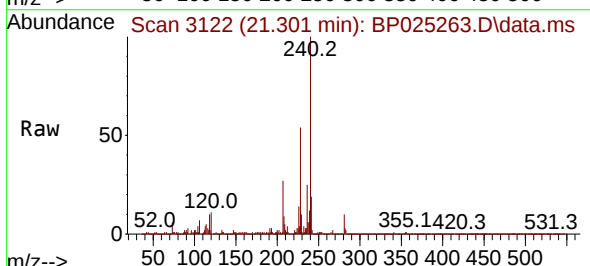
Tgt Ion:240 Resp: 2293729

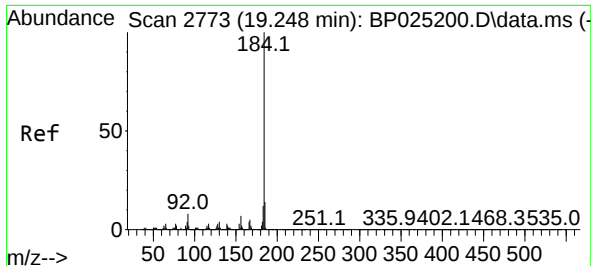
Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

236 25.2 20.9 31.3

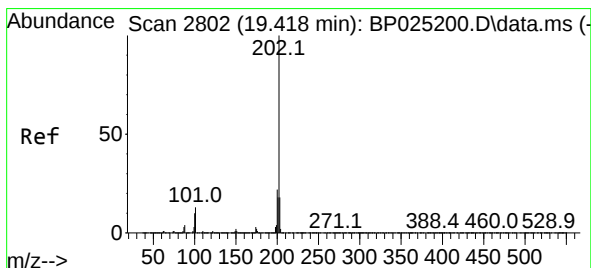
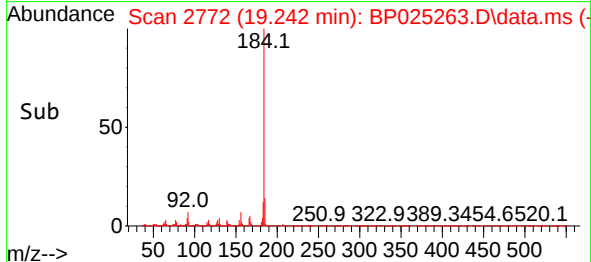
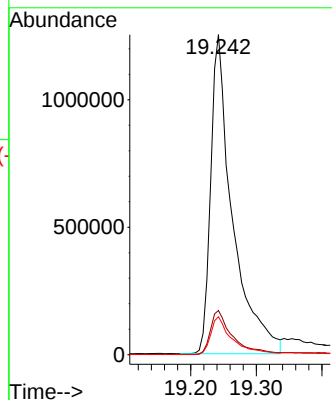
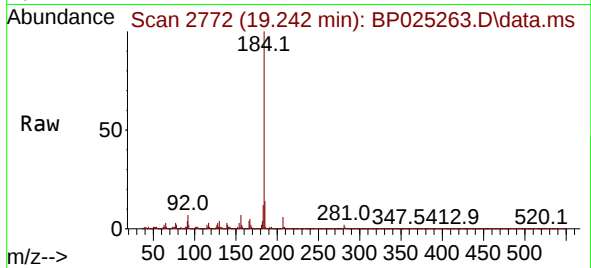




#77
Benzidine
Concen: 35.902 ng
RT: 19.242 min Scan# 2773
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

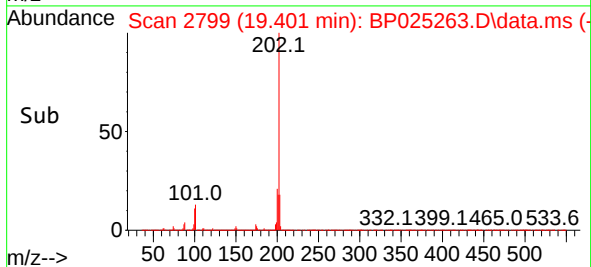
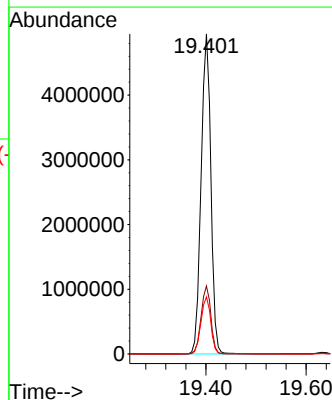
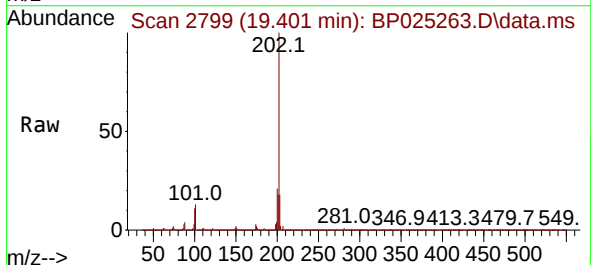
Instrument :
BNA_P
ClientSampleId :
PB169045BS

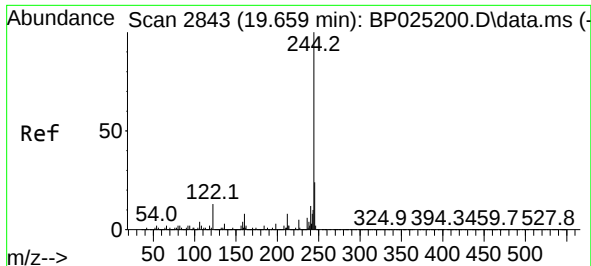
Tgt Ion:184 Resp: 2891155
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.9 9.6 14.4



#78
Pyrene
Concen: 47.008 ng
RT: 19.401 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:202 Resp: 6648277
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5

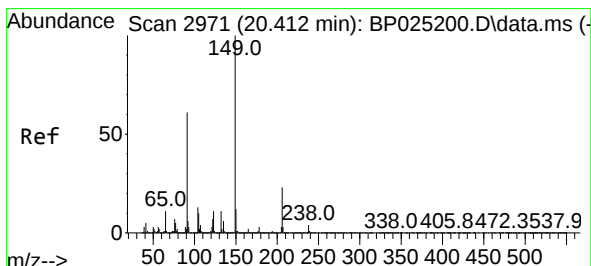
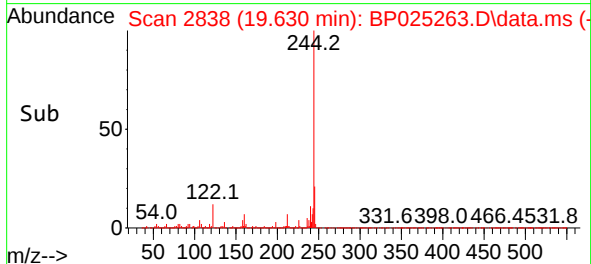
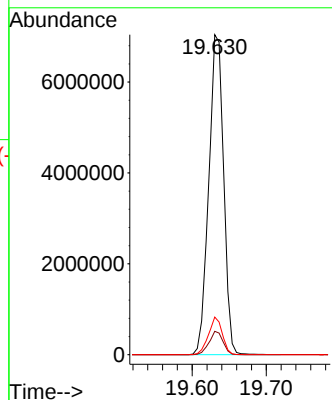
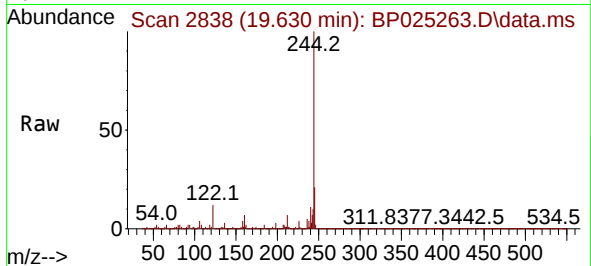




#79
 Terphenyl-d14
 Concen: 84.455 ng
 RT: 19.630 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

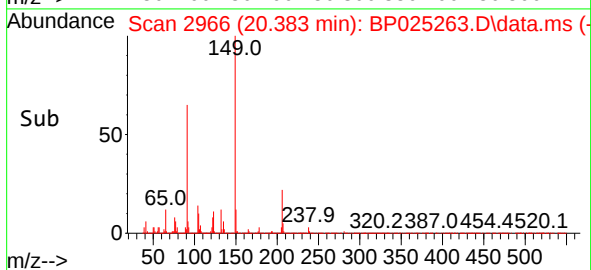
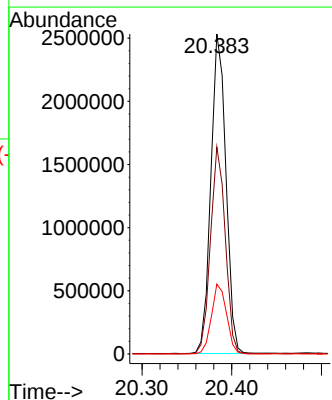
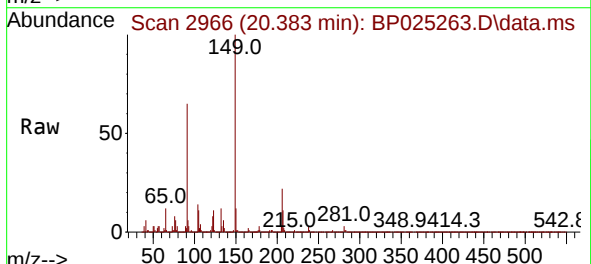
Instrument :
 BNA_P
 ClientSampleId :
 PB169045BS

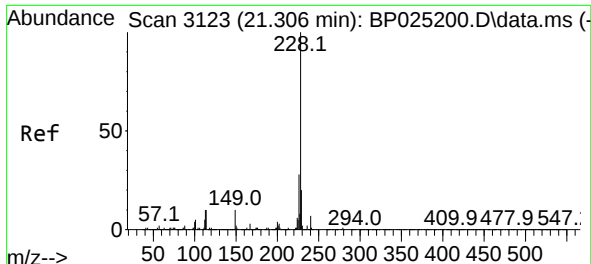
Tgt Ion:244 Resp: 9813270
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 9.8
 122 11.7 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 46.036 ng
 RT: 20.383 min Scan# 2966
 Delta R.T. -0.006 min
 Lab File: BP025263.D
 Acq: 29 Jul 2025 15:57

Tgt Ion:149 Resp: 2947236
 Ion Ratio Lower Upper
 149 100
 91 64.7 48.8 73.2
 206 21.8 18.4 27.6

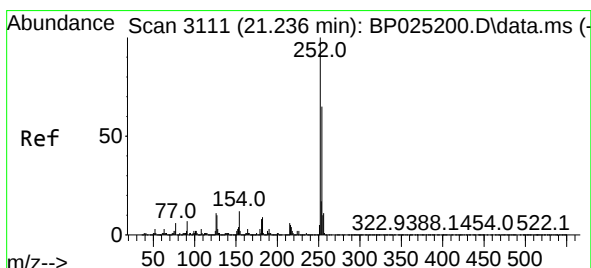
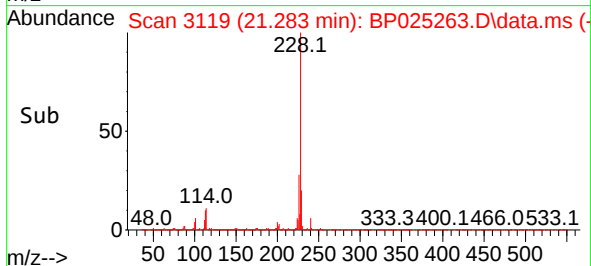
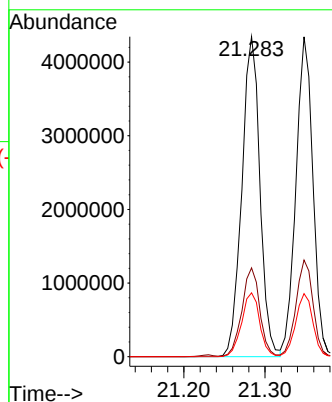
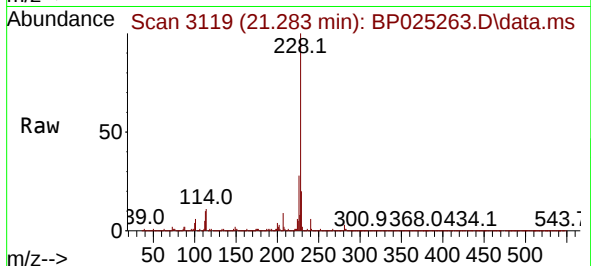




#81
Benzo(a)anthracene
Concen: 46.549 ng
RT: 21.283 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

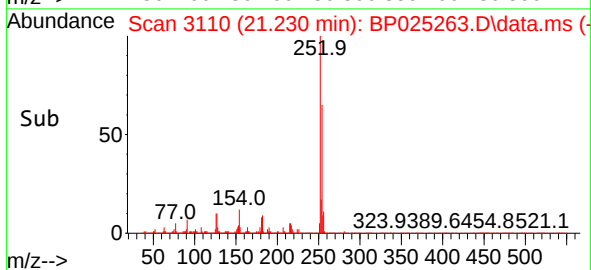
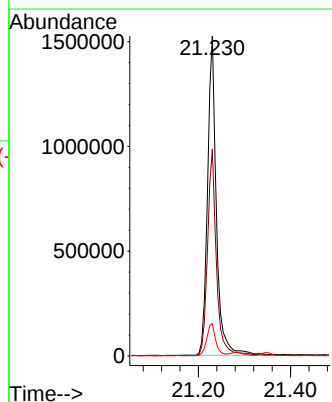
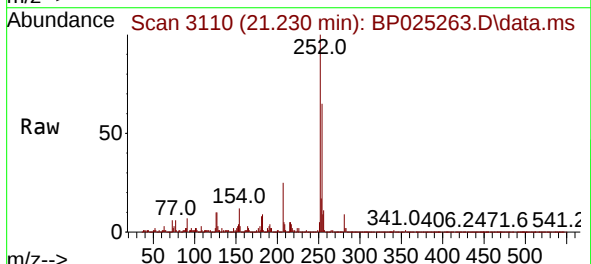
Instrument :
BNA_P
ClientSampleId :
PB169045BS

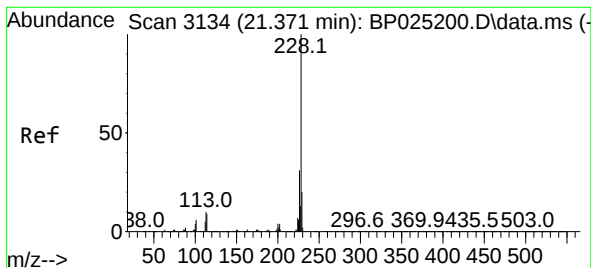
Tgt Ion:228 Resp: 6742573
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 34.378 ng
RT: 21.230 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:252 Resp: 2064178
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 10.1 8.6 12.8





#83

Chrysene

Concen: 46.767 ng

RT: 21.348 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

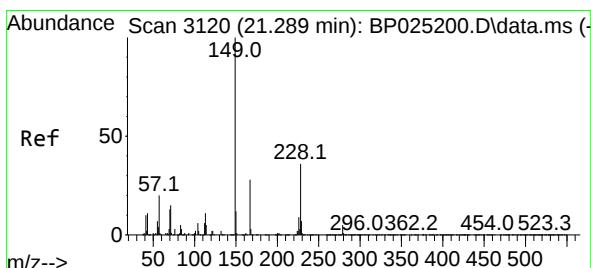
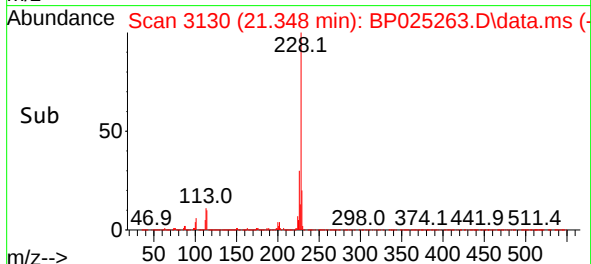
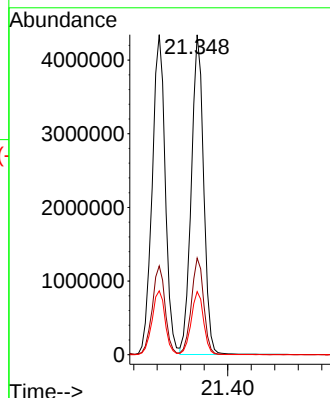
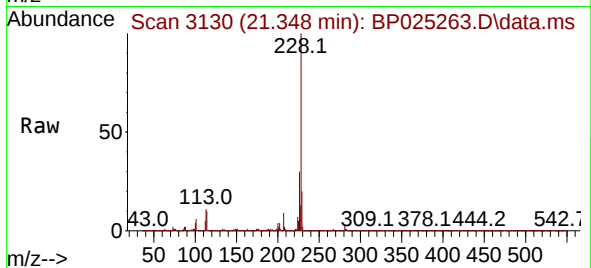
Tgt Ion:228 Resp: 6323741

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.029 ng

RT: 21.260 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

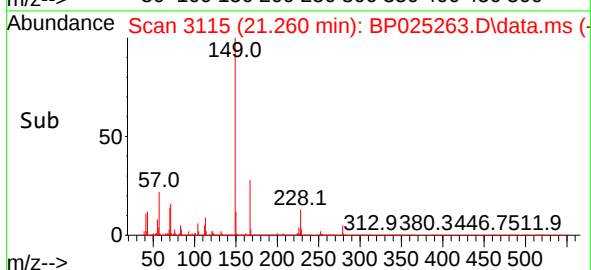
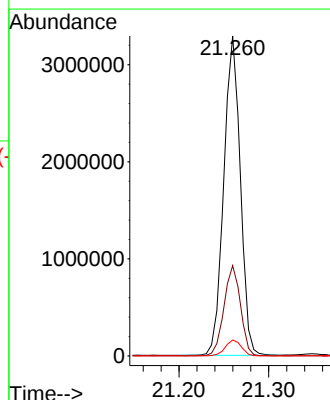
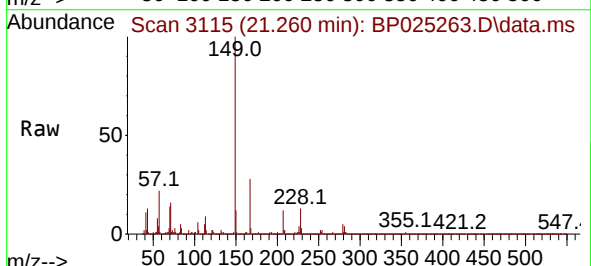
Tgt Ion:149 Resp: 4213555

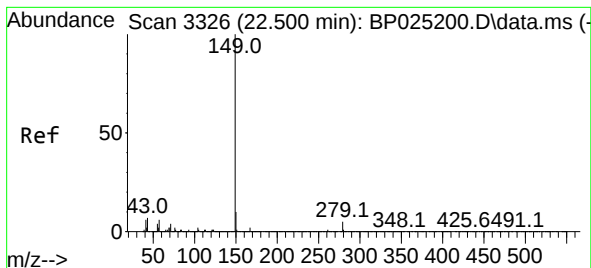
Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 45.310 ng

RT: 22.466 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

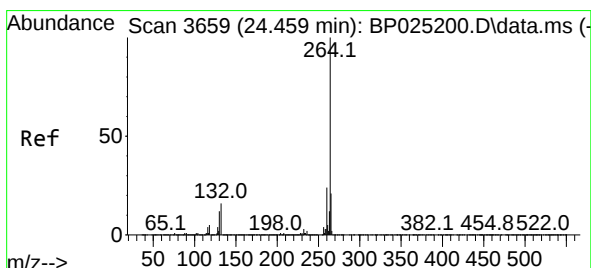
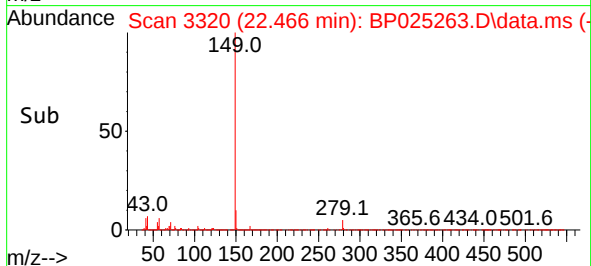
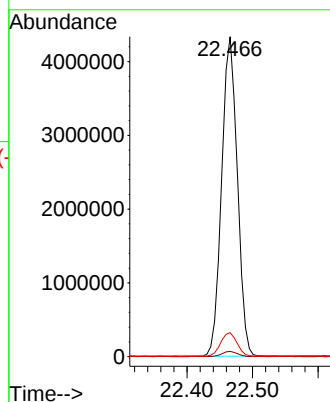
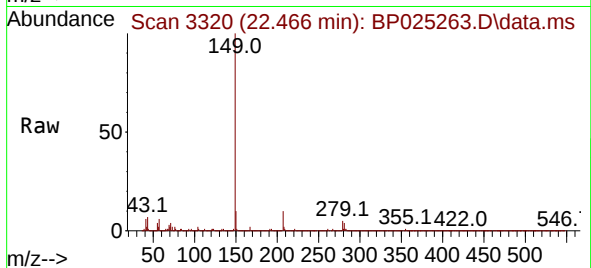
Tgt Ion:149 Resp: 7162351

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.418 min Scan# 3652

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

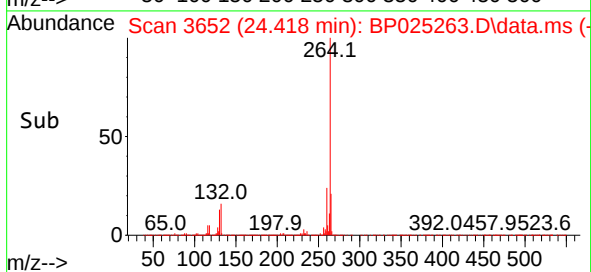
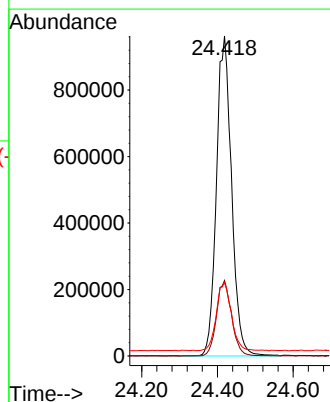
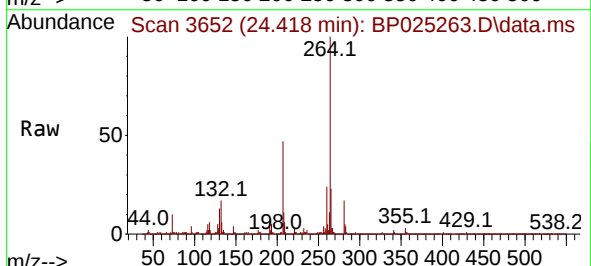
Tgt Ion:264 Resp: 2662274

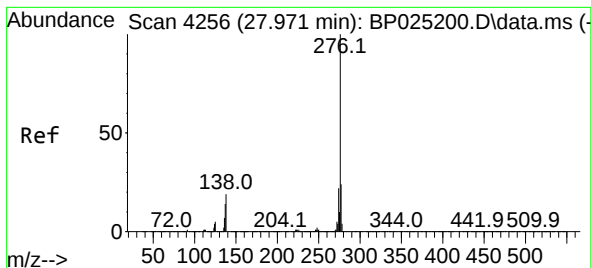
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 23.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.899 ng

RT: 27.924 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

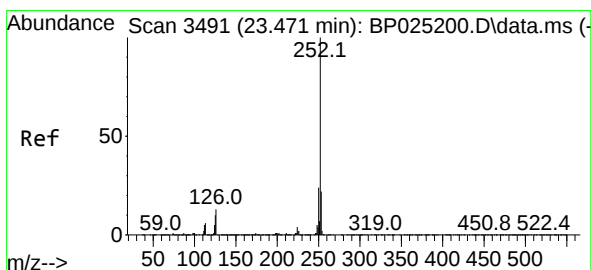
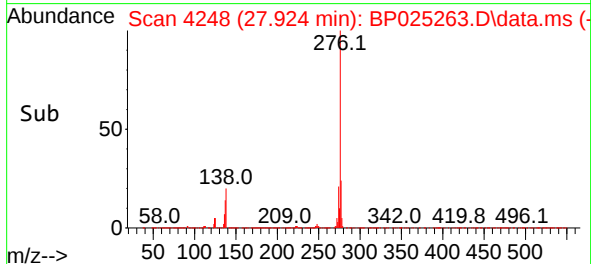
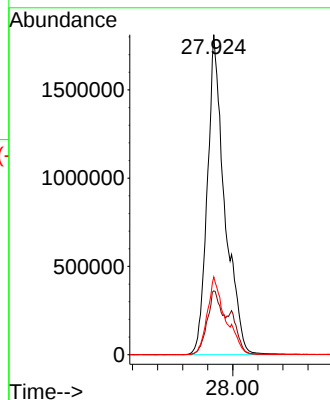
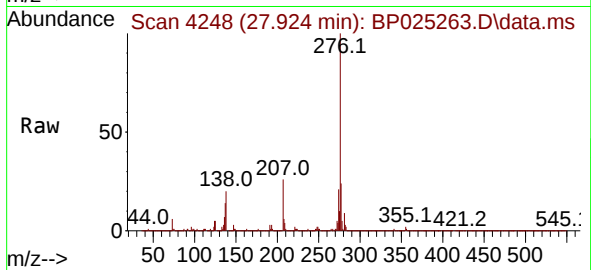
Tgt Ion:276 Resp: 8735277

Ion Ratio Lower Upper

276 100

138 17.0 12.8 19.2

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.392 ng

RT: 23.442 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

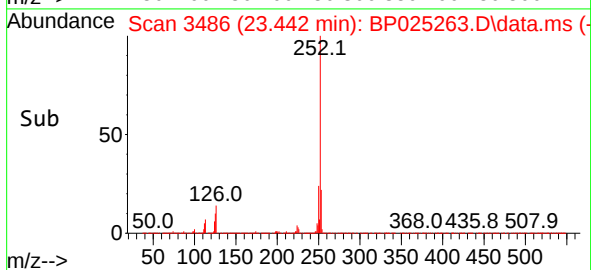
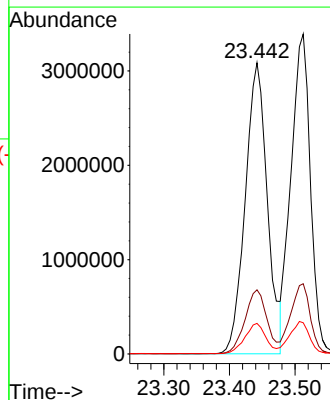
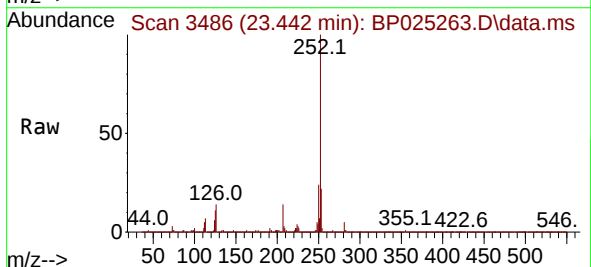
Tgt Ion:252 Resp: 7222114

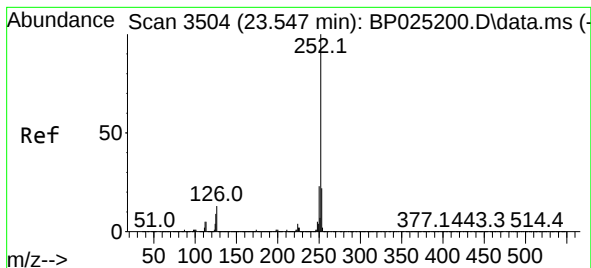
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.5 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 46.368 ng

RT: 23.513 min Scan# 34

Delta R.T. 0.012 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

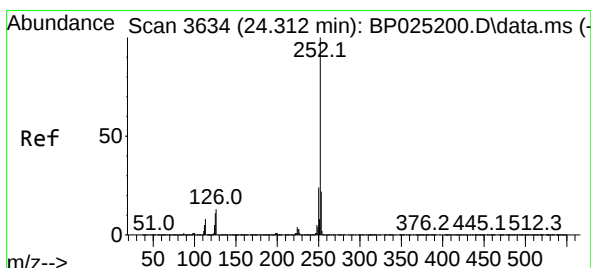
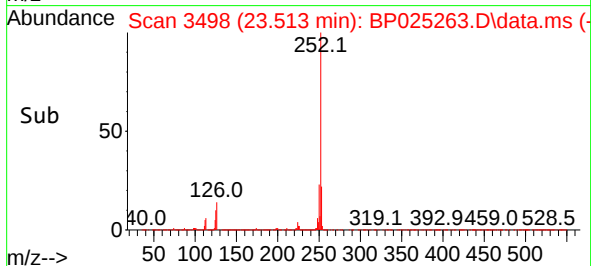
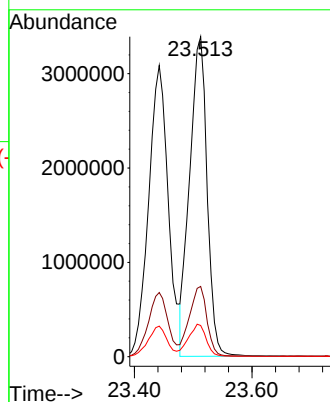
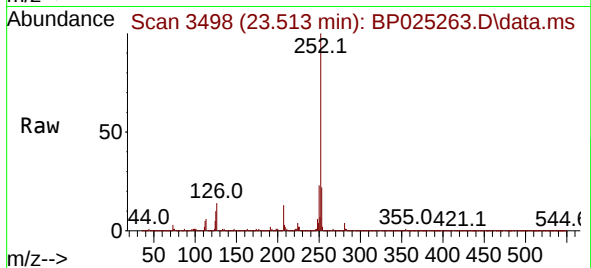
Tgt Ion:252 Resp: 6975768

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.358 ng

RT: 24.271 min Scan# 3627

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

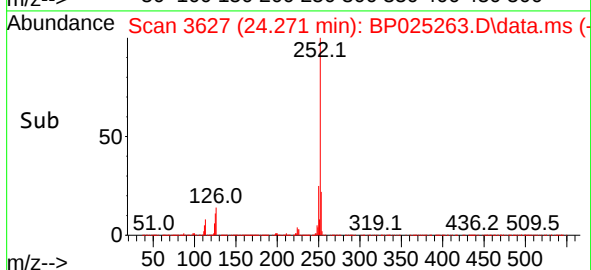
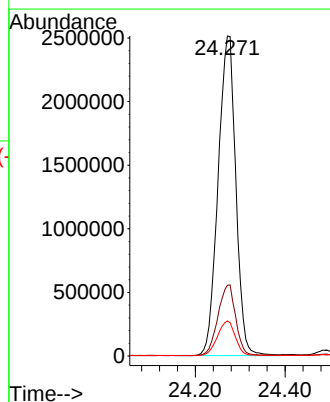
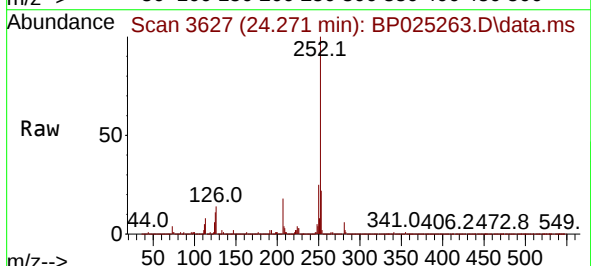
Tgt Ion:252 Resp: 6892794

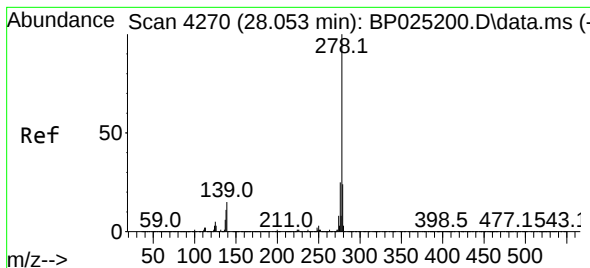
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 45.349 ng

RT: 27.995 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

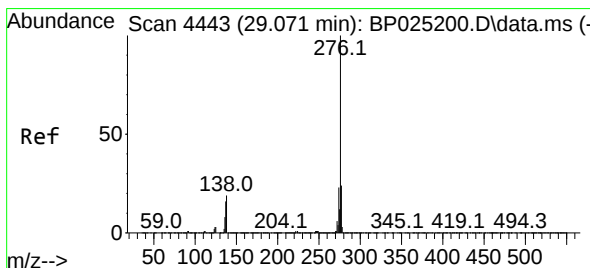
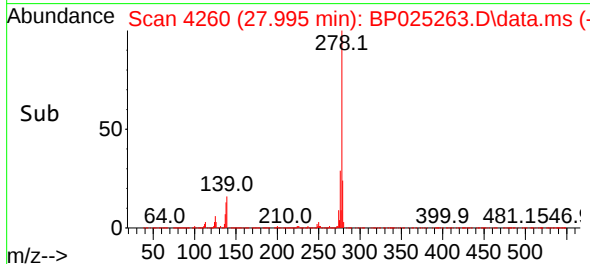
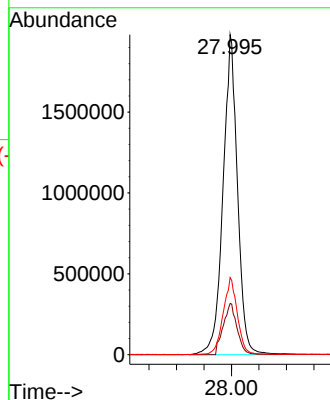
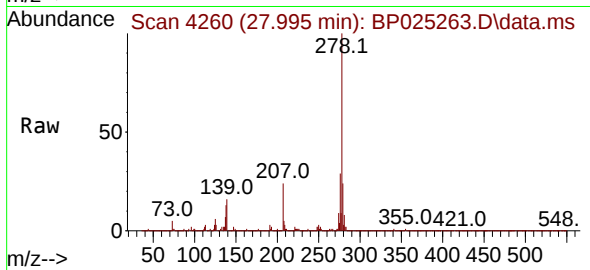
Tgt Ion:278 Resp: 7198071

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

279 24.1 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 26.991 ng

RT: 28.989 min Scan# 4429

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Tgt Ion:276 Resp: 4210175

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.9 15.4 23.2

